

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RIV062	256	'370955473_/_357848343'	0.8	2.2	3.33	0.456	0.5	2.96	1.63 No	0.456	Thermal Discharging
RIV062	257	'43713762_/_5459715'	2.4	6.7	10	1.368	5.4	8.69	4.88 No	1.368	Thermal Discharging
RIV062	258	'5458196_/_5458193_2'	0.87	2.2	3.33	0.456	0.5	2.94	1.63 No	0.456	Thermal Discharging
RIV062	259	'5460145_/_485540671'	1.6	4.4	6.67	0.912	1	5.94	3.25 No	0.912	Thermal Discharging
RIV062	260	'5458403_/_5459423'	2.4	6.7	10	1.368	5.4	8.66	4.88 No	1.368	Thermal Discharging
RIV062	261	'43713908_/_43713910'	2.4	6.6	10	1.368	5.4	8.63	4.88 No	1.368	Thermal Discharging
RIV062	262	'5438532_/_5438529'	0.8	2.17	3.33	0.456	0.4	3.18	1.63 No	0.4	Element Fault
RIV062	263	'410633446_/_5458401_1'	2.4	6.6	10	1.368	1.6	8.63	4.88 No	1.368	Thermal Discharging
RIV062	264	'5459375_/_5459389'	2.4	6.6	10	1.368	5.4	8.6	4.88 No	1.368	Thermal Discharging
RIV062	265	'90727172_/_90727176'	2.4	6.6	10	1.368	5.4	8.58	4.88 No	1.368	Thermal Discharging
RIV062	266	'5458226_/_5458223'	0.83	2.2	3.33	0.456	1.1	2.9	1.63 No	0.456	Thermal Discharging
RIV062	267	'43713561_/_5458206'	2.4	6.6	10	1.368	4.8	8.64	4.88 No	1.368	Thermal Discharging
RIV062	268	'5438121_/_5438131'	0.8	2.13	3.33	0.456	0.4	3.16	1.63 No	0.4	Element Fault
RIV062	269	'8956064_/_8956093_2'	0.8	2.13	3.33	0.456	0.3	3.16	1.63 No	0.3	Element Fault
RIV062	270	'5458404_/_5458401_2'	2.4	6.6	10	1.368	1.6	8.57	4.88 No	1.368	Thermal Discharging
RIV062	271	'43713895_/_90727039'	2.4	6.6	10	1.368	5.4	8.54	4.88 No	1.368	Thermal Discharging
RIV062	272	'5459002_/_5459037'	2.4	6.5	10	1.368	1.6	8.51	4.88 No	1.368	Thermal Discharging
RIV062	273	'5441041_/_5441039'	0.9	2.13	3.33	0.456	0.5	2.97	1.63 No	0.456	Thermal Discharging
RIV062	274	'7713270_/_8956045_2'	0.8	2.1	3.33	0.456	0.4	3.13	1.63 No	0.4	Element Fault
RIV062	275	'43713610_/_5436054'	0.77	2.13	3.33	0.456	0.5	2.86	1.63 No	0.456	Thermal Discharging
RIV062	276	'7400117_/_7400114_2'	2.3	6.3	10	1.368	1.5	8.47	4.88 No	1.368	Thermal Discharging
RIV062	277	'5458918_/_5459020'	2.3	6.3	10	1.368	1.6	8.59	4.88 No	1.368	Thermal Discharging
RIV062	278	'121309305_/_43713480'	0.83	2.1	3.33	0.456	0.5	2.84	1.63 No	0.456	Thermal Discharging
RIV062	279	'43714908_/_5459000'	2.3	6.4	10	1.368	1.6	8.36	4.88 No	1.368	Thermal Discharging
RIV062	280	'43713575_/_43713563'	2.3	6.3	10	1.368	4.7	8.43	4.88 No	1.368	Thermal Discharging
RIV062	281	'5438545_/_5438542'	0.77	2.07	3.33	0.456	0.4	3.06	1.63 No	0.4	Element Fault
RIV062	282	'64049583_/_64049590_1'	2.3	6.3	10	1.368	1.5	8.45	4.88 No	1.368	Thermal Discharging
RIV062	283	'5458841_/_7399944_2'	2.3	6.3	10	1.368	4.4	8.39	4.88 No	1.368	Thermal Discharging
RIV062	284	'43713873_/_43713875'	0.87	2.07	3.33	0.456	0.5	2.91	1.63 No	0.456	Thermal Discharging
RIV062	285	'5462604_/_5462601'	2.3	6.2	10	1.368	1.6	8.47	4.88 No	1.368	Thermal Discharging
RIV062	286	'7400197_/_7400194_2'	2.3	6.2	10	1.368	1.5	8.37	4.88 No	1.368	Thermal Discharging
RIV062	287	'427543948_/_5458892'	2.3	6.2	10	1.368	1.6	8.25	4.88 No	1.368	Thermal Discharging
RIV062	288	'5458458_/_5458455'	0.73	2.07	3.33	0.456	0.53	2.75	1.63 No	0.456	Thermal Discharging
RIV062	289	'7481001_/_7480998'	2.2	6.1	10	1.368	1.5	8.29	4.88 No	1.368	Thermal Discharging
RIV062	290	'5436043_/_5436041'	0.73	2.03	3.33	0.456	0.5	2.77	1.63 No	0.456	Thermal Discharging
RIV062	291	'5435567_/_427543952'	2.2	6.1	10	1.368	1.6	8.14	4.88 No	1.368	Thermal Discharging
RIV062	292	'5438120_/_5438118'	0.73	2	3.33	0.456	0.4	2.98	1.63 No	0.4	Element Fault
RIV062	293	'5458281_/_5458294'	0.73	2.03	3.33	0.456	0.5	2.71	1.63 No	0.456	Thermal Discharging
RIV062	294	'43720051_/_43720053'	0.83	2	3.33	0.456	0.5	2.82	1.63 No	0.456	Thermal Discharging
RIV062	295	'123247403_/_5462622'	1.53	4	6.67	0.912	1.07	5.51	3.25 No	0.912	Thermal Discharging
RIV062	296	'5473464_/_43713590'	0.8	2	3.33	0.456	1.1	2.72	1.63 No	0.456	Thermal Discharging
RIV062	297	'5462554_/_5462571'	2.2	5.9	10	1.368	1.6	8.26	4.88 No	1.368	Thermal Discharging
RIV062	298	'5436099_/_5436109'	0.73	2	3.33	0.456	0.5	2.72	1.63 No	0.456	Thermal Discharging
RIV062	299	'370955439_/_370955287_1'	0.73	1.97	3.33	0.456	0.5	2.74	1.63 No	0.456	Thermal Discharging
RIV062	300	'7399947_/_7399944_1'	2.2	6	10	1.368	1.5	8.1	4.88 No	1.368	Thermal Discharging
RIV062	301	'5435588_/_5435585'	0.73	2	3.33	0.456	0.53	2.65	1.63 No	0.456	Thermal Discharging
RIV062	302	'5469938_/_5469936'	0.8	1.97	3.33	0.456	0.5	2.78	1.63 No	0.456	Thermal Discharging
RIV062	303	'5458268_/_5458278'	0.7	1.97	3.33	0.456	0.5	2.65	1.63 No	0.456	Thermal Discharging
RIV062	304	'8956032_/_8956045_1'	0.73	1.93	3.33	0.456	0.3	2.9	1.63 No	0.3	Element Fault
RIV062	305	'357848450_/_370955287_2'	0.73	1.93	3.33	0.456	0.5	2.7	1.63 No	0.456	Thermal Discharging
RIV062	306	'8956063_/_8956061'	0.73	1.9	3.33	0.456	0.3	2.89	1.63 No	0.3	Element Fault
RIV062	307	'5435568_/_5435565'	2.1	5.9	10	1.368	1.6	7.9	4.88 No	1.368	Thermal Discharging
RIV062	308	'5436098_/_5436096'	0.7	1.93	3.33	0.456	0.5	2.65	1.63 No	0.456	Thermal Discharging
RIV062	309	'43713599_/_5436067'	0.7	1.93	3.33	0.456	0.5	2.66	1.63 No	0.456	Thermal Discharging
RIV062	310	'8341768_/_8341765'	2.1	5.8	10	1.368	1.5	7.91	4.88 No	1.368	Thermal Discharging
RIV062	311	'5435601_/_5435598'	0.73	1.93	3.33	0.456	0.53	2.59	1.63 No	0.456	Thermal Discharging
RIV062	312	'43715945_/_5462588'	0.7	1.9	3.33	0.456	0.53	2.66	1.63 No	0.456	Thermal Discharging
RIV062	313	'43715865_/_5461633'	1.4	3.87	6.67	0.912	1.07	5.2	3.25 No	0.912	Thermal Discharging
RIV062	314	'5462519_/_5462534'	2.1	5.6	10	1.368	1.6	7.95	4.88 No	1.368	Thermal Discharging
RIV062	315	'5469711_/_5469709'	0.8	1.9	3.33	0.456	0.5	2.69	1.63 No	0.456	Thermal Discharging
RIV062	316	'8332627_/_8657644_1'	2.1	5.6	10	1.368	1.5	7.93	4.88 No	1.368	Thermal Discharging
RIV062	317	'5458255_/_5458265'	0.7	1.9	3.33	0.456	0.5	2.58	1.63 No	0.456	Thermal Discharging
RIV062	318	'5458239_/_5458236'	0.7	1.87	3.33	0.456	0.5	2.59	1.63 No	0.456	Thermal Discharging
RIV062	319	'7399986_/_7399984_1'	0.67	1.87	3.33	0.456	0.1	2.57	1.63 No	0.1	Element Fault
RIV062	320	'8956031_/_8956029'	0.7	1.83	3.33	0.456	0.3	2.79	1.63 No	0.3	Element Fault
RIV062	321	'8657647_/_8657644_2'	2	5.5	10	1.368	1.5	7.84	4.88 No	1.368	Thermal Discharging
RIV062	322	'5469977_/_43713923'	0.77	1.83	3.33	0.456	0.5	2.66	1.63 No	0.456	Thermal Discharging
RIV062	323	'5463417_/_5463414'	0.73	1.83	3.33	0.456	0.5	2.6	1.63 No	0.456	Thermal Discharging
RIV062	324	'5461714_/_43715867'	1.33	3.73	6.67	0.912	1.07	5.07	3.25 No	0.912	Thermal Discharging
RIV062	325	'9290627_/_9290625_1'	1.33	3.67	6.67	0.912	1	5.04	3.25 No	0.912	Thermal Discharging
RIV062	326	'5458310_/_5458320'	0.67	1.83	3.33	0.456	0.5	2.53	1.63 No	0.456	Thermal Discharging
RIV062	327	'7399987_/_7399984_2'	0.67	1.83	3.33	0.456	0.1	2.52	1.63 No	0.1	Element Fault
RIV062	328	'43715085_/_5435637'	0.73	1.83	3.33	0.456	0.53	2.49	1.63 No	0.456	Thermal Discharging
RIV062	329	'43713775_/_5458346'	0.67	1.83	3.33	0.456	0.5	2.53	1.63 No	0.456	Thermal Discharging
RIV062	330	'5458254_/_5458252_1'	0.67	1.8	3.33	0.456	0.5	2.49	1.63 No	0.456	Thermal Discharging
RIV062	331	'43715932_/_5462517'	2	5.3	10	1.368	1.6	7.62	4.88 No	1.368	Thermal Discharging
RIV062	332	'43713604_/_43713601'	0.63	1.8	3.33	0.456	0.5	2.5	1.63 No	0.456	Thermal Discharging
RIV062	333	'243513651_/_5458252_2'	0.67	1.8	3.33	0.456	0.5	2.48	1.63 No	0.456	Thermal Discharging
RIV062	334	'243513652_/_7186305'	0.63	1.77	3.33	0.456	0.5	2.45	1.63 No	0.456	Thermal Discharging
RIV062	335	'5463430_/_5463427'	0.73	1.73	3.33	0.456	0.5	2.49	1.63 No	0.456	Thermal Discharging
RIV062	336	'5461735_/_5461732'	0.67	1.77	3.33	0.456	0.53	2.44	1.63 No	0.456	Thermal Discharging
RIV062	337	'5458309_/_5458307'	0.63	1.77	3.33	0.456	0.5	2.45	1.63 No	0.456	Thermal Discharging
RIV062	338	'243515516_/_8765876_1'	0.63	1.77	3.33	0.456	0.5	2.44	1.63 No	0.456	Thermal Discharging
RIV062	339	'9290628_/_9290625_2'	1.27	3.47	6.67	0.912	1	4.81	3.25 No	0.912	Thermal Discharging
RIV062	340	'5461787_/_5461784'	1.9	5.1	10	1.368	1.6	7.38	4.88 No	1.368	Thermal Discharging
RIV062	341	'5458335_/_5458333'	0.63	1.7	3.33	0.456	0.5	2.42	1.63 No	0.456	Thermal Discharging
RIV062	342	'420713233_/_8765876_2'	0.63	1.7	3.33	0.456	0.5	2.39	1.63 No	0.456	Thermal Discharging
RIV062	343	'5463443_/_5463440'	0.73	1.67	3.33	0.456	0.5	2.41	1.63 No	0.456	Thermal Discharging
RIV062	344	'5458362_/_5458359'	0.6	1.67	3.33	0.456	0.5	2.35	1.63 No	0.456	Thermal Discharging
RIV062	345	'5463456_/_5463453'	0.73	1.63	3.33	0.456	0.5	2.37	1.63 No	0.456	Thermal Discharging
RIV062	346	'5461803_/_5461801'	1.8	4.9	10	1.368	1.6	7.15	4.88 No	1.368	Thermal Discharging
RIV062	347	'5461821_/_5461818'	1.8	4.8	10	1.368	1.6	7.08	4.88 No	1.368	Thermal Discharging
RIV062	348	'5463495_/_5463492'	0.7	1.6	3.33	0.456	0.5	2.33	1.63 No	0.456	Thermal Discharging
RIV062	349	'5458375_/_5458372'	0.6	1.6	3.33	0.456	0.5	2.3	1.63 No	0.456	Thermal Discharging

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RIV062	350	'5463469_/_5463466'	0.7	1.57	3.33	0.456	0.5	2.3	1.63 No	0.456	Thermal Discharging
RIV062	351	'5462054_/_5462052'	1.7	4.7	10	1.368	1.6	6.93	4.88 No	1.368	Thermal Discharging
RIV062	352	'7386875_/_7386873_1'	1.7	4.7	10	1.368	1.5	6.92	4.88 No	1.368	Thermal Discharging
RIV062	353	'7386876_/_7386873_2'	1.7	4.7	10	1.368	1.5	6.88	4.88 No	1.368	Thermal Discharging
RIV062	354	'5458388_/_5458385'	0.57	1.57	3.33	0.456	0.5	2.25	1.63 No	0.456	Thermal Discharging
RIV062	355	'5463482_/_5463479'	0.7	1.53	3.33	0.456	0.5	2.25	1.63 No	0.456	Thermal Discharging
RIV062	356	'43715978_/_5463505'	0.67	1.53	3.33	0.456	0.5	2.24	1.63 No	0.456	Thermal Discharging
RIV062	357	'5463521_/_5463518'	0.67	1.5	3.33	0.456	0.5	2.21	1.63 No	0.456	Thermal Discharging
RIV062	358	'5464075_/_5464085'	0.67	1.47	3.33	0.456	0.5	2.17	1.63 No	0.456	Thermal Discharging
RIV062	359	'5463508_/_43715980'	0.67	1.47	3.33	0.456	0.5	2.16	1.63 No	0.456	Thermal Discharging
RIV062	360	'43715989_/_5463531'	0.67	1.47	3.33	0.456	0.5	2.15	1.63 No	0.456	Thermal Discharging
RIV062	361	'5464062_/_5464072'	0.63	1.43	3.33	0.456	0.5	2.12	1.63 No	0.456	Thermal Discharging
RIV062	362	'378870605_/_378870607'	0.63	1.43	3.33	0.456	0.5	2.11	1.63 No	0.456	Thermal Discharging
RIV062	363	'5463547_/_43715991'	0.63	1.43	3.33	0.456	0.5	2.11	1.63 No	0.456	Thermal Discharging
RIV062	364	'5464061_/_5464059'	0.63	1.4	3.33	0.456	0.5	2.07	1.63 No	0.456	Thermal Discharging
RIV062	365	'5463560_/_5463557'	0.63	1.4	3.33	0.456	0.5	2.06	1.63 No	0.456	Thermal Discharging
RIV062	366	'43716011_/_43716013'	0.6	1.37	3.33	0.456	0.5	2.06	1.63 No	0.456	Thermal Discharging
RIV062	367	'43716000_/_5463570'	0.6	1.37	3.33	0.456	0.5	2.03	1.63 No	0.456	Thermal Discharging
RIV062	368	'5461877_/_378870563'	0.6	1.37	3.33	0.456	0.5	2.02	1.63 No	0.456	Thermal Discharging
RIV062	369	'43719045_/_5464111'	0.6	1.33	3.33	0.456	0.5	2.01	1.63 No	0.456	Thermal Discharging
RIV062	370	'5463588_/_5463586'	0.6	1.33	3.33	0.456	0.5	2.01	1.63 No	0.456	Thermal Discharging
RIV062	371	'5463573_/_43716002'	0.6	1.33	3.33	0.456	0.5	1.99	1.63 No	0.456	Thermal Discharging
RIV062	372	'378870554_/_43715958'	0.57	1.3	3.33	0.456	0.5	1.97	1.63 No	0.456	Thermal Discharging
RIV062	373	'5464048_/_43719047'	0.6	1.3	3.33	0.456	0.5	1.96	1.63 No	0.456	Thermal Discharging
RIV062	374	'5461890_/_5461887'	0.57	1.3	3.33	0.456	0.5	1.94	1.63 No	0.456	Thermal Discharging
RIV062	375	'5462428_/_5464046'	0.57	1.27	3.33	0.456	0.5	1.92	1.63 No	0.456	Thermal Discharging
RIV062	376	'43715967_/_5461900'	0.57	1.27	3.33	0.456	0.5	1.91	1.63 No	0.456	Thermal Discharging
RIV062	377	'5461903_/_43715969'	0.57	1.23	3.33	0.456	0.5	1.87	1.63 No	0.456	Thermal Discharging
RIV062	378	'5462087_/_5462426'	0.53	1.23	3.33	0.456	0.5	1.86	1.63 No	0.456	Thermal Discharging
RIV062	379	'43716055_/_5462085'	0.53	1.17	3.33	0.456	0.5	1.79	1.63 No	0.456	Thermal Discharging
RIV062	380	'5462101_/_5462098'	0.5	1.13	3.33	0.456	0.5	1.75	1.63 No	0.456	Thermal Discharging
RIV063	0	'RIV063_/_316187128_1'	10	10	10	2.048	10	10	3.25 No	2.048	Thermal Discharging
RIV063	1	'326494753_/_316187128_1'	10	10	10	2.048	10	10	3.24 No	2.048	Thermal Discharging
RIV063	2	'257172909_/_316187128_2'	10	10	10	2.048	10	10	3.24 No	2.048	Thermal Discharging
RIV063	3	'257172890_/_257172892'	10	10	10	2.048	10	10	3.21 No	2.048	Thermal Discharging
RIV063	4	'257172864_/_257172866'	10	10	10	2.048	10	10	3.19 No	2.048	Thermal Discharging
RIV063	5	'257172838_/_257172840'	10	10	10	2.048	10	10	3.17 No	2.048	Thermal Discharging
RIV063	6	'257172812_/_257172814'	10	10	10	2.048	10	10	3.14 No	2.048	Thermal Discharging
RIV063	7	'257172788_/_257172790'	10	10	10	2.048	10	10	3.11 No	2.048	Thermal Discharging
RIV063	8	'257172743_/_257172745'	10	10	10	2.048	10	10	3.09 No	2.048	Thermal Discharging
RIV063	9	'257172724_/_257172726'	10	10	10	2.048	10	10	3.07 No	2.048	Thermal Discharging
RIV063	10	'257172690_/_257172692'	10	10	10	2.048	10	10	3.04 No	2.048	Thermal Discharging
RIV063	11	'257172660_/_257172662'	10	10	10	2.048	10	10	3.02 No	2.048	Thermal Discharging
RIV063	12	'257172632_/_257172634'	10	10	10	2.048	10	10	3.02 No	2.048	Thermal Discharging
RIV063	13	'257172606_/_257172608'	10	10	10	2.048	10	10	3.02 No	2.048	Thermal Discharging
RIV063	14	'257172127_/_257172129'	10	10	10	2.048	10	10	3.02 No	2.048	Thermal Discharging
RIV063	15	'257172108_/_257172110'	10	10	10	2.048	10	10	3.02 No	2.048	Thermal Discharging
RIV063	16	'257172089_/_257172091'	10	10	10	2.048	10	10	3.02 No	2.048	Thermal Discharging
RIV063	17	'257172066_/_257172070'	10	10	10	2.048	10	10	3.02 No	2.048	Thermal Discharging
RIV063	18	'319129529_/_257172040'	10	10	10	2.048	10	10	3.02 No	2.048	Thermal Discharging
RIV063	19	'6270235_/_319129538'	10	10	10	2.048	10	10	3.02 No	2.048	Thermal Discharging
RIV063	20	'6265471_/_6270249'	9.8	10	10	2.048	10	10	3.02 No	2.048	Thermal Discharging
RIV063	21	'6270218_/_6270232'	9.7	10	10	2.048	10	10	3.02 No	2.048	Thermal Discharging
RIV063	22	'6270269_/_6270266'	9.2	10	10	2.048	10	10	3.02 No	2.048	Thermal Discharging
RIV063	23	'43881367_/_6270215'	9.2	10	10	2.048	10	10	3.02 No	2.048	Thermal Discharging
RIV063	24	'6270286_/_6270283'	8.7	10	10	2.048	10	10	3.02 No	2.048	Thermal Discharging
RIV063	25	'6270184_/_6270198'	8.7	10	10	2.048	10	10	3.02 No	2.048	Thermal Discharging
RIV063	26	'9334011_/_9334008_1'	8.5	10	10	2.048	1.5	10	3.02 No	1.5 Element Fault	
RIV063	27	'6270303_/_6270300'	8.3	10	10	2.048	10	10	3.02 No	2.048	Thermal Discharging
RIV063	28	'6270167_/_6270181'	8.3	10	10	2.048	10	10	3.02 No	2.048	Thermal Discharging
RIV063	29	'6270320_/_6270317'	8	10	10	2.048	10	10	3.02 No	2.048	Thermal Discharging
RIV063	30	'6265326_/_6270164'	8.2	10	10	2.048	10	10	3.02 No	2.048	Thermal Discharging
RIV063	31	'6265327_/_440559420_1'	8.2	10	10	2.048	1.5	10	3.02 No	1.5 Element Fault	
RIV063	32	'6270133_/_6270147'	7.8	10	10	2.048	10	10	3.02 No	2.048	Thermal Discharging
RIV063	33	'6270510_/_6270507'	7.6	10	10	2.048	10	10	3.02 No	2.048	Thermal Discharging
RIV063	34	'54994050_/_54994047'	7.4	10	10	2.048	10	10	3.02 No	2.048	Thermal Discharging
RIV063	35	'54994093_/_54994068_1'	7.4	10	10	2.048	10	10	3.02 No	2.048	Thermal Discharging
RIV063	36	'6270113_/_6270130'	7.5	10	10	2.048	10	10	3.02 No	2.048	Thermal Discharging
RIV063	37	'6270096_/_6270110'	7.3	10	10	2.048	10	10	3.02 No	2.048	Thermal Discharging
RIV063	38	'6265344_/_440559420_2'	7.1	10	10	2.048	1.5	10	3.02 No	1.5 Element Fault	
RIV063	39	'7441121_/_7441118_1'	7.2	10	10	2.048	3.5	10	3.02 No	2.048	Thermal Discharging
RIV063	40	'9334010_/_9334008_2'	6.8	10	10	2.048	1.5	10	3.02 No	1.5 Element Fault	
RIV063	41	'6265235_/_6270093'	7.1	10	10	2.048	10	10	3.02 No	2.048	Thermal Discharging
RIV063	42	'6265236_/_6265250_1'	7	10	10	2.048	2.4	10	3.02 No	2.048	Thermal Discharging
RIV063	43	'38024907_/_54994068_2'	6.7	10	10	2.048	10	10	3.02 No	2.048	Thermal Discharging
RIV063	44	'404614884_/_70261808'	6.7	10	10	2.048	10	10	3.02 No	2.048	Thermal Discharging
RIV063	45	'39435639_/_38024846'	6.7	10	10	2.048	10	10	3.02 No	2.048	Thermal Discharging
RIV063	46	'38024900_/_38024904'	6.7	10	10	2.048	4.7	10	3.02 No	2.048	Thermal Discharging
RIV063	47	'38024849_/_70261769'	6.7	10	10	2.048	10	10	3.02 No	2.048	Thermal Discharging
RIV063	48	'6270062_/_6270076'	6.9	10	10	2.048	10	10	3.02 No	2.048	Thermal Discharging
RIV063	49	'7755200_/_8433926'	6.4	10	10	2.048	10	10	3.02 No	2.048	Thermal Discharging
RIV063	50	'6265215_/_6270059'	6.7	10	10	2.048	10	10	3.02 No	2.048	Thermal Discharging
RIV063	51	'7754551_/_7441118_2'	6.4	10	10	2.048	3.5	10	3.02 No	2.048	Thermal Discharging
RIV063	52	'6265054_/_6270025'	6.5	10	10	2.048	10	10	3.02 No	2.048	Thermal Discharging
RIV063	53	'43881354_/_6265250_2'	6.4	10	10	2.048	2.4	10	3.02 No	2.048	Thermal Discharging
RIV063	54	'37962942_/_7488120'	6.1	10	10	2.048	4.7	10	3.02 No	2.048	Thermal Discharging
RIV063	55	'405045430_/_37962946_1'	6.1	10	10	2.048	4.7	10	3.02 No	2.048	Thermal Discharging
RIV063	56	'37962949_/_37962946_2'	6.1	10	10	2.048	10	10	3.02 No	2.048	Thermal Discharging
RIV063	57	'405045431_/_405045428'	6.1	10	10	2.048	4.7	10	3.02 No	2.048	Thermal Discharging
RIV063	58	'37962970_/_37962974'	6.1	10	10	2.048	4.7	10	3.02 No	2.048	Thermal Discharging
RIV063	59	'37962956_/_37962953'	6.1	10	10	2.048	4.7	10	3.02 No	2.048	Thermal Discharging
RIV063	60	'405045486_/_7441854'	6.1	10	10	2.048	4.7	10	3.02 No	2.048	Thermal Discharging
RIV063	61	'6265253_/_9646923_2'	6.4	10	10	2.048	2.4	10	3.02 No	2.048	Thermal Discharging
RIV063	62	'6265367_/_440559500'	6.1	10	10	2.048	1.5	10	3.02 No	1.5 Element Fault	

Feeder Name	Feeder ID	Node	Primary Over- Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RIV063	63	'468068420_/6265213_1'		6.2	10	10	2.048	1.6	10	3.02 No	1.6 Element Fault
RIV063	64	'7755199_/7755197'		5.9	10	10	2.048	10	10	3.02 No	2.048 Thermal Discharging
RIV063	65	'6270045_/6270042'		6.2	10	10	2.048	10	10	3.02 No	2.048 Thermal Discharging
RIV063	66	'591633021_/501587956_1'		6.1	10	10	2.048	3.3	10	3.02 No	2.048 Thermal Discharging
RIV063	67	'6271302_/6271299'		6	10	10	2.048	10	10	3.02 No	2.048 Thermal Discharging
RIV063	68	'37963453_/8701268'		5.6	10	10	2.048	4.7	10	3.02 No	2.048 Thermal Discharging
RIV063	69	'37963446_/37963450'		5.6	10	10	2.048	4.7	10	3.02 No	2.048 Thermal Discharging
RIV063	70	'37963467_/37963471'		5.6	10	10	2.048	4.7	10	3.02 No	2.048 Thermal Discharging
RIV063	71	'405087160_/37963443_2'		5.6	10	10	2.048	4.7	10	3.02 No	2.048 Thermal Discharging
RIV063	72	'405087161_/405087158'		5.6	10	10	2.048	4.7	10	3.02 No	2.048 Thermal Discharging
RIV063	73	'37963439_/37963443_1'		5.5	10	10	2.048	4.7	10	3.02 No	2.048 Thermal Discharging
RIV063	74	'37963586_/9058975'		5.5	10	10	2.048	10	10	3.02 No	2.048 Thermal Discharging
RIV063	75	'405087205_/37963583'		5.5	10	10	2.048	10	10	3.02 No	2.048 Thermal Discharging
RIV063	76	'49996087_/6271401_1'		5.9	10	10	2.048	10	10	3.02 No	2.048 Thermal Discharging
RIV063	77	'38024798_/38024795'		5.5	10	10	2.048	10	10	3.02 No	2.048 Thermal Discharging
RIV063	78	'405087218_/37963590'		5.5	10	10	2.048	10	10	3.02 No	2.048 Thermal Discharging
RIV063	79	'38024812_/38024823'		5.5	10	10	2.048	4.7	10	3.02 No	2.048 Thermal Discharging
RIV063	80	'6271353_/6271401_2'		5.9	10	10	2.048	10	10	3.02 No	2.048 Thermal Discharging
RIV063	81	'6271352_/6271350'		5.7	10	10	2.048	10	10	3.02 No	2.048 Thermal Discharging
RIV063	82	'6265384_/440559528'		5.3	10	10	2.048	1.5	10	3.02 No	1.5 Element Fault
RIV063	83	'6271336_/6271367'		5.5	10	10	2.048	10	10	3.02 No	2.048 Thermal Discharging
RIV063	84	'9020463_/9646923_1'		5.6	10	10	2.048	1.8	10	3.02 No	1.8 Element Fault
RIV063	85	'6271282_/6271333'		5.5	10	10	2.048	10	10	3.02 No	2.048 Thermal Discharging
RIV063	86	'52938112_/6265213_2'		5.3	10	10	2.048	1.6	10	3.02 No	1.6 Element Fault
RIV063	87	'43882666_/43882668'		5.4	10	10	2.048	10	10	3.02 No	2.048 Thermal Discharging
RIV063	88	'52938214_/52938184_1'		5.3	10	10	2.048	1.6	10	3.02 No	1.6 Element Fault
RIV063	89	'9020464_/9020461'		5.4	10	10	2.048	1.8	10	3.02 No	1.8 Element Fault
RIV063	90	'52938177_/52938184_2'		5.1	10	10	2.048	1.6	10	3.02 No	1.6 Element Fault
RIV063	91	'312053855_/43881331_1'		5.2	10	10	2.048	1.5	10	3.02 No	1.5 Element Fault
RIV063	92	'6271675_/6271801'		5.2	10	10	2.048	10	10	3.02 No	2.048 Thermal Discharging
RIV063	93	'446629168_/446629170'		5.1	10	10	2.048	10	10	3.02 No	2.048 Thermal Discharging
RIV063	94	'501587959_/501587956_2'		4.9	10	10	2.048	3.3	10	3.02 No	2.048 Thermal Discharging
RIV063	95	'446629288_/446629290'		5	10	10	2.048	10	10	3.02 No	2.048 Thermal Discharging
RIV063	96	'43882692_/6271730'		5	10	10	2.048	4.7	10	3.02 No	2.048 Thermal Discharging
RIV063	97	'449939304_/446629353_2'		4.9	10	10	2.048	4.7	10	3.02 No	2.048 Thermal Discharging
RIV063	98	'6270910_/6271750'		4.9	10	10	2.048	10	10	3.02 No	2.048 Thermal Discharging
RIV063	99	'43882704_/43882706'		3.2	6.67	6.67	1.36	3.1	6.67	2.01 No	1.36 Thermal Discharging
RIV063	100	'254091647_/276555553_1'		4.9	10	10	2.048	1.5	10	3.02 No	1.5 Element Fault
RIV063	101	'6265401_/6265398'		4.5	10	10	2.048	1.5	10	3.02 No	1.5 Element Fault
RIV063	102	'6269420_/6270907'		4.8	10	10	2.048	10	10	3.02 No	2.048 Thermal Discharging
RIV063	103	'6269437_/6269454_1'		4.7	10	10	2.048	1.5	10	3.02 No	1.5 Element Fault
RIV063	104	'43881348_/501587989'		4.5	10	10	2.048	3.3	10	3.02 No	2.048 Thermal Discharging
RIV063	105	'43882535_/43882537'		4.7	10	10	2.048	4.8	10	3.02 No	2.048 Thermal Discharging
RIV063	106	'6269419_/7755177_1'		4.7	10	10	2.048	1.5	10	3.02 No	1.5 Element Fault
RIV063	107	'6270876_/6270890'		4.7	10	10	2.048	10	10	3.02 No	2.048 Thermal Discharging
RIV063	108	'9020484_/9020481'		4.7	10	10	2.048	1.8	10	3.02 No	1.8 Element Fault
RIV063	109	'6270859_/6270873'		4.6	10	10	2.048	10	10	3.02 No	2.048 Thermal Discharging
RIV063	110	'6271281_/43881331_2'		4.4	10	10	2.048	1.5	10	3.02 No	1.5 Element Fault
RIV063	111	'446629356_/446629353_1'		4.4	10	10	2.048	1.5	10	3.02 No	1.5 Element Fault
RIV063	112	'6270842_/6270856'		4.5	10	10	2.048	10	10	3.02 No	2.048 Thermal Discharging
RIV063	113	'276555534_/276555553_2'		4.4	10	10	2.048	1.5	10	3.02 No	1.5 Element Fault
RIV063	114	'6270825_/6270839'		4.4	10	10	2.048	10	10	3.02 No	2.048 Thermal Discharging
RIV063	115	'6270927_/6270941'		4.4	10	10	2.048	10	10	3.02 No	2.048 Thermal Discharging
RIV063	116	'6271455_/6271488'		4.2	10	10	2.048	3.3	10	3.02 No	2.048 Thermal Discharging
RIV063	117	'43882471_/6270822'		4.4	10	10	2.048	10	10	3.02 No	2.048 Thermal Discharging
RIV063	118	'7755180_/7755177_2'		4.3	10	10	2.048	1.5	10	3.02 No	1.5 Element Fault
RIV063	119	'6270926_/6270924'		4.3	10	10	2.048	10	10	3.02 No	2.048 Thermal Discharging
RIV063	120	'621187085_/6271475_2'		2.8	6.67	6.67	1.36	2.2	6.67	2.01 No	1.36 Thermal Discharging
RIV063	121	'43882522_/43882524'		4.3	10	10	2.048	10	10	3.02 No	2.048 Thermal Discharging
RIV063	122	'6270788_/6270805'		4.3	10	10	2.048	10	10	3.02 No	2.048 Thermal Discharging
RIV063	123	'6265418_/6265415'		3.9	10	10	2.048	1.5	10	3.02 No	1.5 Element Fault
RIV063	124	'7754768_/7754781_1'		1.4	3.33	3.33	0.68	0.5	3.33	1.01 No	0.5 Element Fault
RIV063	125	'477288076_/6270785'		4.2	10	10	2.048	10	10	3.02 No	2.048 Thermal Discharging
RIV063	126	'6269457_/6269454_2'		4.1	10	10	2.048	1.5	10	3.02 No	1.5 Element Fault
RIV063	127	'6271421_/6271452'		3.9	10	10	2.048	3.3	10	3.02 No	2.048 Thermal Discharging
RIV063	128	'554572044_/554572031'		4.1	10	10	2.048	10	10	3.02 No	2.048 Thermal Discharging
RIV063	129	'554572102_/554572052'		4.1	10	10	2.048	10	10	3.02 No	2.048 Thermal Discharging
RIV063	130	'554572110_/554572067'		4.1	10	10	2.048	10	10	3.02 No	2.048 Thermal Discharging
RIV063	131	'6270720_/554572126'		4.1	10	10	2.048	10	10	3.02 No	2.048 Thermal Discharging
RIV063	132	'43882401_/6270717'		4.1	10	10	2.048	10	10	3.02 No	2.048 Thermal Discharging
RIV063	133	'6270669_/6270683'		4	10	10	2.048	10	10	3.02 No	2.048 Thermal Discharging
RIV063	134	'6271438_/6271435'		3.7	10	10	2.048	3.3	10	3.02 No	2.048 Thermal Discharging
RIV063	135	'6266217_/6271475_1'		2.8	6.67	6.67	1.36	1	6.67	2.01 No	1 Element Fault
RIV063	136	'6270649_/6270666'		3.9	10	10	2.048	10	10	3.02 No	2.048 Thermal Discharging
RIV063	137	'6265435_/6265432'		3.5	10	10	2.048	1.5	10	3.02 No	1.5 Element Fault
RIV063	138	'6269477_/6269474'		2.47	6.67	6.67	1.36	1	6.67	2.01 No	1 Element Fault
RIV063	139	'6272578_/6272575'		3.5	10	10	2.048	3.3	10	3.02 No	2.048 Thermal Discharging
RIV063	140	'6270629_/6270646'		3.8	10	10	2.048	10	10	3.02 No	2.048 Thermal Discharging
RIV063	141	'43881417_/6265449'		3.4	10	10	2.048	1.5	10	3.02 No	1.5 Element Fault
RIV063	142	'6270612_/6270626'		3.7	10	10	2.048	10	10	3.02 No	2.048 Thermal Discharging
RIV063	143	'7441217_/7441214'		3.7	10	10	2.048	1.5	10	3.02 No	1.5 Element Fault
RIV063	144	'445631310_/445631312'		3.4	9.9	10	2.048	3.3	10	3.02 No	2.048 Thermal Discharging
RIV063	145	'6270611_/6270609'		3.7	10	10	2.048	10	10	3.02 No	2.048 Thermal Discharging
RIV063	146	'456236912_/445631367_1'		3.4	9.9	10	2.048	2.3	10	3.02 No	2.048 Thermal Discharging
RIV063	147	'6265307_/6271418'		3.4	9.7	10	2.048	3.3	10	3.02 No	2.048 Thermal Discharging
RIV063	148	'8076253_/8076251'		3.7	10	10	2.048	1.5	10	3.02 No	1.5 Element Fault
RIV063	149	'6265452_/43881419'		3.3	9.7	10	2.048	0.9	10	3.02 No	0.9 Element Fault
RIV063	150	'246678601_/246678620'		3.2	9.9	10	2.048	1.5	10	3.02 No	1.5 Element Fault
RIV063	151	'7754784_/7754781_2'		1.17	3.23	3.33	0.68	0.5	3.33	1.01 No	0.5 Element Fault
RIV063	152	'621187110_/6265304_2'		1.13	3.23	3.33	0.68	1.1	3.33	1.01 No	0.68 Thermal Discharging
RIV063	153	'9333991_/9333988'		3.3	9.7	10	2.048	0.9	10	3.02 No	0.9 Element Fault
RIV063	154	'6266216_/6266214'		2.6	6.33	6.67	1.36	1	6.67	2.01 No	1 Element Fault
RIV063	155	'445631348_/445631367_2'		3.2	9.3	10	2.048	2.3	10	3.02 No	2.048 Thermal Discharging
RIV063	156	'6269498_/43882512'		2.2	6.27	6.67	1.36	1	6.67	2.01 No	1 Element Fault

Feeder Name	Feeder ID	Node	Primary Over- Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RIV063	157	'6262126_/_6270995'		3.4	9.1	10	2.048	10	10	3.02 No	2.048 Thermal Discharging
RIV063	158	'51057937_/_51057820'		3.4	9	10	2.048	10	10	3.02 No	2.048 Thermal Discharging
RIV063	159	'51058025_/_51057969_1'		3.4	9	10	2.048	1.5	10	3.02 No	1.5 Element Fault
RIV063	160	'6261911_/_6262123'		3.4	8.9	10	2.048	10	10	3.02 No	2.048 Thermal Discharging
RIV063	161	'254091136_/_254091033_1'		3.4	8.9	10	2.048	10	10	3.02 No	2.048 Thermal Discharging
RIV063	162	'302411428_/_254091033_2'		3.2	8.2	10	2.048	10	10	3.02 No	2.048 Thermal Discharging
RIV063	163	'37962725_/_51057969_2'		3.1	8.1	10	2.048	1.5	10	3.02 No	1.5 Element Fault
RIV063	164	'37962718_/_37962722'		3.1	8.1	10	2.048	1.5	10	3.02 No	1.5 Element Fault
RIV063	165	'37962739_/_37962743'		1.03	2.7	3.33	0.68	0.5	3.33	1.01 No	0.5 Element Fault
RIV063	166	'38001350_/_38001347'		3.1	8.1	10	2.048	1.5	10	3.02 No	1.5 Element Fault
RIV063	167	'37962711_/_37962715'		3.1	8.1	10	2.048	1.5	10	3.02 No	1.5 Element Fault
RIV063	168	'254091103_/_302411447_1'		3.2	8	10	2.048	10	10	3.02 No	2.048 Thermal Discharging
RIV063	169	'6272498_/_302411447_2'		3.2	8	10	2.048	10	10	3.02 No	2.048 Thermal Discharging
RIV063	170	'43882826_/_43882828'		3.2	7.9	10	2.048	10	10	3.02 No	2.048 Thermal Discharging
RIV063	171	'6272515_/_6272512'		3.1	7.9	10	2.048	10	10	3.02 No	2.048 Thermal Discharging
RIV063	172	'6265290_/_6265304_1'		1.13	2.63	3.33	0.68	0.5	3.33	1.01 No	0.5 Element Fault
RIV063	173	'6272458_/_6272475'		3.1	7.8	10	2.048	10	10	3.02 No	2.048 Thermal Discharging
RIV063	174	'57033036_/_9647871_1'		3.1	7.8	10	2.048	1.5	10	3.02 No	1.5 Element Fault
RIV063	175	'6272418_/_6272455'		3.1	7.7	10	2.048	10	9.94	3.02 No	2.048 Thermal Discharging
RIV063	176	'6272196_/_6272194_1'		1.03	2.53	3.33	0.68	0.5	3.28	1.01 No	0.5 Element Fault
RIV063	177	'6272241_/_6272415'		3.1	7.6	10	2.048	10	9.81	3.02 No	2.048 Thermal Discharging
RIV063	178	'7798436_/_7798433'		2.9	7.6	10	2.048	1.5	9.97	3.02 No	1.5 Element Fault
RIV063	179	'6272242_/_6272239'		3	7.5	10	2.048	10	9.77	3.02 No	2.048 Thermal Discharging
RIV063	180	'57032995_/_9647871_2'		3	7.5	10	2.048	1.5	9.78	3.02 No	1.5 Element Fault
RIV063	181	'43880634_/_6272259'		3	7.4	10	2.048	10	9.67	3.02 No	2.048 Thermal Discharging
RIV063	182	'51058145_/_51058152'		1.03	2.5	3.33	0.68	0.5	3.28	1.01 No	0.5 Element Fault
RIV063	183	'6261959_/_43880636'		3	7.3	10	2.048	10	9.58	3.02 No	2.048 Thermal Discharging
RIV063	184	'51058181_/_51058204'		1.03	2.43	3.33	0.68	0.5	3.25	1.01 No	0.5 Element Fault
RIV063	185	'43882605_/_6261973'		3	7.3	10	2.048	10	9.51	3.02 No	2.048 Thermal Discharging
RIV063	186	'6261995_/_43882607'		3	7.2	10	2.048	10	9.45	3.02 No	2.048 Thermal Discharging
RIV063	187	'6272197_/_6272194_2'		1.03	2.4	3.33	0.68	0.5	3.17	1.01 No	0.5 Element Fault
RIV063	188	'9714705_/_7167627'		2.9	7.2	10	2.048	10	9.38	3.02 No	2.048 Thermal Discharging
RIV063	189	'8440243_/_6269724_1'		2.9	7.1	10	2.048	10	9.36	3.02 No	2.048 Thermal Discharging
RIV063	190	'6269727_/_6269724_2'		2.9	7.1	10	2.048	10	9.36	3.02 No	2.048 Thermal Discharging
RIV063	191	'7496595_/_7496592_2'		2.9	7.1	10	2.048	5.6	9.34	3.02 No	2.048 Thermal Discharging
RIV063	192	'43880688_/_6269744'		2.9	7.1	10	2.048	10	9.27	3.02 No	2.048 Thermal Discharging
RIV063	193	'43880660_/_6261993'		2.9	7	10	2.048	7.1	9.29	3.02 No	2.048 Thermal Discharging
RIV063	194	'6262086_/_43880688_1'		2.9	7.1	10	2.048	1.5	9.24	3.02 No	1.5 Element Fault
RIV063	195	'6262087_/_43880688_2'		2.9	7.1	10	2.048	1.5	9.23	3.02 No	1.5 Element Fault
RIV063	196	'8075513_/_8075511'		1.03	2.33	3.33	0.68	0.5	3.15	1.01 No	0.5 Element Fault
RIV063	197	'6262100_/_6262097'		2.9	7	10	2.048	1.5	9.14	3.02 No	1.5 Element Fault
RIV063	198	'6262113_/_6262110'		2.8	6.9	10	2.048	1.5	9.09	3.02 No	1.5 Element Fault
RIV063	199	'69651266_/_57032997'		2.7	6.9	10	2.048	1.5	9.26	3.02 No	1.5 Element Fault
RIV063	200	'90743697_/_90743694'		2.8	6.8	10	2.048	1.5	8.98	3.02 No	1.5 Element Fault
RIV063	201	'43880647_/_43880662'		2.8	6.7	10	2.048	7.1	8.99	3.02 No	2.048 Thermal Discharging
RIV063	202	'6262013_/_6262027_1'		2.8	6.6	10	2.048	7.1	8.91	3.02 No	2.048 Thermal Discharging
RIV063	203	'43882839_/_6272402'		1.03	2.2	3.33	0.68	0.5	3	1.01 No	0.5 Element Fault
RIV063	204	'6265273_/_6265287'		1.13	2.23	3.33	0.68	0.5	3.27	1.01 No	0.5 Element Fault
RIV063	205	'6262030_/_6262027_2'		2.8	6.4	10	2.048	7.1	8.79	3.02 No	2.048 Thermal Discharging
RIV063	206	'7496594_/_7496592_1'		2.6	6.3	10	2.048	1.7	8.61	3.02 No	1.7 Element Fault
RIV063	207	'6272213_/_6272210'		1.03	2.1	3.33	0.68	0.5	2.9	1.01 No	0.5 Element Fault
RIV063	208	'8440224_/_8440222'		1.73	4.13	6.67	1.36	1.13	5.79	2.01 No	1.13 Element Fault
RIV063	209	'43880673_/_6262047'		2.7	6.2	10	2.048	7.1	8.55	3.02 No	2.048 Thermal Discharging
RIV063	210	'7788741_/_57033138'		0.93	2.03	3.33	0.68	0.5	2.85	1.01 No	0.5 Element Fault
RIV063	211	'6262067_/_6262064'		2.6	5.9	10	2.048	7.1	8.31	3.02 No	2.048 Thermal Discharging
RIV063	212	'108437146_/_6263396_1'		2.6	5.9	10	2.048	0.9	8.27	3.02 No	0.9 Element Fault
RIV063	213	'6272225_/_6272223'		1.03	1.97	3.33	0.68	0.5	2.76	1.01 No	0.5 Element Fault
RIV063	214	'43880867_/_6263637'		2.6	5.8	10	2.048	7	8.16	3.02 No	2.048 Thermal Discharging
RIV063	215	'439015615_/_439015634'		0.93	1.97	3.33	0.68	0.5	2.77	1.01 No	0.5 Element Fault
RIV063	216	'8131844_/_8757450'		2.4	5.8	10	2.048	1.7	8.09	3.02 No	1.7 Element Fault
RIV063	217	'6263399_/_6263396_2'		2.5	5.7	10	2.048	0.9	8.06	3.02 No	0.9 Element Fault
RIV063	218	'6263658_/_6263655'		2.6	5.6	10	2.048	7	8	3.02 No	2.048 Thermal Discharging
RIV063	219	'90022763_/_90022724_1'		2.5	5.6	10	2.048	0.9	7.96	3.02 No	0.9 Element Fault
RIV063	220	'6265272_/_6265270'		0.97	1.93	3.33	0.68	0.5	2.89	1.01 No	0.5 Element Fault
RIV063	221	'90022713_/_90022724_2'		2.5	5.5	10	2.048	0.9	7.87	3.02 No	0.9 Element Fault
RIV063	222	'43880879_/_6263675'		2.5	5.5	10	2.048	7	7.84	3.02 No	2.048 Thermal Discharging
RIV063	223	'6263422_/_6263419'		2.4	5.5	10	2.048	0.9	7.85	3.02 No	0.9 Element Fault
RIV063	224	'7788742_/_7788739'		0.93	1.83	3.33	0.68	0.5	2.62	1.01 No	0.5 Element Fault
RIV063	225	'6263695_/_43880881'		2.5	5.3	10	2.048	7	7.66	3.02 No	2.048 Thermal Discharging
RIV063	226	'6263476_/_6263473'		2.4	5.3	10	2.048	0.9	7.67	3.02 No	0.9 Element Fault
RIV063	227	'7808538_/_9703312'		2.3	4.4	10	2.048	1.7	7.66	3.02 No	1.7 Element Fault
RIV063	228	'6263712_/_6263709'		2.4	5.2	10	2.048	7	7.51	3.02 No	2.048 Thermal Discharging
RIV063	229	'6269386_/_6269589'		0.9	1.8	3.33	0.68	0.5	2.71	1.01 No	0.5 Element Fault
RIV063	230	'6263439_/_6263436'		2.3	5.2	10	2.048	0.9	7.51	3.02 No	0.9 Element Fault
RIV063	231	'6269403_/_6269400'		0.87	1.73	3.33	0.68	0.5	2.66	1.01 No	0.5 Element Fault
RIV063	232	'6263582_/_6263726'		2.4	5	10	2.048	7	7.36	3.02 No	2.048 Thermal Discharging
RIV063	233	'6263493_/_6263490'		2.2	5	10	2.048	0.9	7.37	3.02 No	0.9 Element Fault
RIV063	234	'43880892_/_6263746'		2.3	4.9	10	2.048	4.4	7.23	3.02 No	2.048 Thermal Discharging
RIV063	235	'7496557_/_8757410'		1.8	4.3	10	2.048	1.7	7.27	3.02 No	1.7 Element Fault
RIV063	236	'6263583_/_6263580'		2.3	4.8	10	2.048	4.1	7.14	3.02 No	2.048 Thermal Discharging
RIV063	237	'9682879_/_57033100'		0.93	1.63	3.33	0.68	0.5	2.41	1.01 No	0.5 Element Fault
RIV063	238	'6263513_/_6263510'		2.1	4.8	10	2.048	0.9	7.12	3.02 No	0.9 Element Fault
RIV063	239	'7496537_/_7496554'		1.2	2.87	6.67	1.36	1.13	4.76	2.01 No	1.13 Element Fault
RIV063	240	'43880897_/_43880894'		2.3	4.8	10	2.048	4.4	7.04	3.02 No	2.048 Thermal Discharging
RIV063	241	'43880841_/_6263456'		2.1	4.8	10	2.048	0.9	7.06	3.02 No	0.9 Element Fault
RIV063	242	'6263606_/_6263603'		2.3	4.7	10	2.048	4.1	7	3.02 No	2.048 Thermal Discharging
RIV063	243	'7168058_/_9075547'		0.83	1.9	3.33	0.68	0.57	1.96	1.01 No	0.57 Element Fault
RIV063	244	'7168059_/_7168069_1'		0.83	1.9	3.33	0.68	0.3	1.96	1.01 No	0.3 Element Fault
RIV063	245	'6263530_/_6263527'		2	4.6	10	2.048	0.9	6.92	3.02 No	0.9 Element Fault
RIV063	246	'7496536_/_7496534'		1.8	4.3	10	2.048	1.7	6.9	3.02 No	1.7 Element Fault
RIV063	247	'7808503_/_7808501'		1.2	2.93	6.67	1.36	1.13	4.55	2.01 No	1.13 Element Fault
RIV063	248	'6263789_/_6263786'		2.3	4.6	10	2.048	4.1	6.85	3.02 No	2.048 Thermal Discharging
RIV063	249	'536048802_/_536048800_1'		2.3	4.6	10	2.048	4.1	6.85	3.02 No	2.048 Thermal Discharging
RIV063	250	'536048895_/_536048800_2'		2.3	4.6	10	2.048	1.5	6.85	3.02 No	1.5 Element Fault

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
											VSR (MW)	Limiting Threshold
RIV063	251	'6263623_/_6263620'	2.2		4.6	10	2.048	3.3	6.84	3.02 No	2.048	Thermal Discharging
RIV063	252	'8390191_/_9020401_1'	2.2		4.6	10	2.048	0.9	6.82	3.02 No	0.9	Element Fault
RIV063	253	'239578830_/_7168069_2'	0.83		1.83	3.33	0.68	0.3	1.94	1.01 No	0.3	Element Fault
RIV063	254	'6262798_/_7168069_3'	0.8		1.8	3.33	0.68	0.3	1.92	1.01 No	0.3	Element Fault
RIV063	255	'6263550_/_43880856'	2		4.5	10	2.048	0.9	6.76	3.02 No	0.9	Element Fault
RIV063	256	'6263809_/_6263806'	2.2		4.4	10	2.048	4.1	6.71	3.02 No	2.048	Thermal Discharging
RIV063	257	'9020404_/_9020401_2'	2.2		4.4	10	2.048	0.9	6.68	3.02 No	0.9	Element Fault
RIV063	258	'6263567_/_6263564'	0.67		1.5	3.33	0.68	0.3	2.23	1.01 No	0.3	Element Fault
RIV063	259	'536048784_/_536048800_3'	2.2		4.4	10	2.048	1.5	6.65	3.02 No	1.5	Element Fault
RIV063	260	'536048874_/_536048853_1'	2.1		4.4	10	2.048	0.9	6.62	3.02 No	0.9	Element Fault
RIV063	261	'6263459_/_43880843'	1.9		4.4	10	2.048	0.9	6.65	3.02 No	0.9	Element Fault
RIV063	262	'149297845_/_149297863'	2.1		4.4	10	2.048	0.9	6.61	3.02 No	0.9	Element Fault
RIV063	263	'6263825_/_6263948'	2.2		4.3	10	2.048	4.1	6.58	3.02 No	2.048	Thermal Discharging
RIV063	264	'43880612_/_6262796'	0.77		1.73	3.33	0.68	0.3	1.88	1.01 No	0.3	Element Fault
RIV063	265	'8131843_/_8131841'	0.87		1.7	3.33	0.68	0.57	1.89	1.01 No	0.57	Element Fault
RIV063	266	'69650452_/_7168043_1'	0.87		1.7	3.33	0.68	0.3	1.88	1.01 No	0.3	Element Fault
RIV063	267	'8131935_/_8131933'	1.8		4.4	10	2.048	1.7	6.59	3.02 No	1.7	Element Fault
RIV063	268	'Node_6524520401_/_6524520380'	2.1		4.3	10	2.048	0.9	6.57	3.02 No	0.9	Element Fault
RIV063	269	'43880601_/_43880603'	0.77		1.73	3.33	0.68	0.3	1.88	1.01 No	0.3	Element Fault
RIV063	270	'Node_6524520443_/_6524520432'	2.1		4.3	10	2.048	0.5	6.54	3.02 No	0.5	Element Fault
RIV063	271	'8440266_/_8440264'	0.63		1.7	3.33	0.68	0.57	1.88	1.01 No	0.57	Element Fault
RIV063	272	'Node_6524520475_/_6524520464'	2.1		4.3	10	2.048	0.5	6.53	3.02 No	0.5	Element Fault
RIV063	273	'6263826_/_6263823'	2.2		4.3	10	2.048	4.1	6.48	3.02 No	2.048	Thermal Discharging
RIV063	274	'239578858_/_7168043_2'	0.87		1.67	3.33	0.68	0.3	1.87	1.01 No	0.3	Element Fault
RIV063	275	'9647894_/_9682876'	0.93		1.43	3.33	0.68	0.5	2.18	1.01 No	0.5	Element Fault
RIV063	276	'43882896_/_7168043_3'	0.87		1.63	3.33	0.68	0.3	1.85	1.01 No	0.3	Element Fault
RIV063	277	'6247365_/_6271138'	2.1		4.2	10	2.048	4.1	6.37	3.02 No	2.048	Thermal Discharging
RIV063	278	'348666132_/_348666129'	2.1		4.1	10	2.048	4.1	6.32	3.02 No	2.048	Thermal Discharging
RIV063	279	'6262782_/_6262780'	0.73		1.63	3.33	0.68	0.3	1.83	1.01 No	0.3	Element Fault
RIV063	280	'43880905_/_43880907'	2.1		4.1	10	2.048	3.3	6.32	3.02 No	2.048	Thermal Discharging
RIV063	281	'348666202_/_348666173_1'	2.1		4.1	10	2.048	0.9	6.3	3.02 No	0.9	Element Fault
RIV063	282	'6247366_/_6247363'	2.1		4.1	10	2.048	3.5	6.28	3.02 No	2.048	Thermal Discharging
RIV063	283	'6271190_/_6271205'	2.1		4.1	10	2.048	4.1	6.26	3.02 No	2.048	Thermal Discharging
RIV063	284	'8701311_/_9334796_1'	2.1		4.1	10	2.048	1.1	6.26	3.02 No	1.1	Element Fault
RIV063	285	'8076154_/_8076151_3'	2.1		4.1	10	2.048	4.1	6.24	3.02 No	2.048	Thermal Discharging
RIV063	286	'6262812_/_43880614'	0.73		1.6	3.33	0.68	0.3	1.81	1.01 No	0.3	Element Fault
RIV063	287	'7808522_/_9703276'	0.63		1.7	3.33	0.68	0.57	1.81	1.01 No	0.57	Element Fault
RIV063	288	'6262701_/_43880559'	0.87		1.57	3.33	0.68	0.3	1.81	1.01 No	0.3	Element Fault
RIV063	289	'6262717_/_43882898'	0.87		1.57	3.33	0.68	0.3	1.81	1.01 No	0.3	Element Fault
RIV063	290	'69650346_/_7167614_1'	0.63		1.7	3.33	0.68	0.3	1.81	1.01 No	0.3	Element Fault
RIV063	291	'6263842_/_6263860'	2		4	10	2.048	3.3	6.21	3.02 No	2	Primary Over-Voltage
RIV063	292	'8076153_/_348666173_2'	2.1		4	10	2.048	0.9	6.18	3.02 No	0.9	Element Fault
RIV063	293	'7808521_/_7808519'	0.63		1.7	3.33	0.68	0.57	1.8	1.01 No	0.57	Element Fault
RIV063	294	'371243872_/_8076151_1'	2.1		4	10	2.048	4.1	6.17	3.02 No	2.048	Thermal Discharging
RIV063	295	'381047873_/_7167614_2'	0.6		1.67	3.33	0.68	0.3	1.8	1.01 No	0.3	Element Fault
RIV063	296	'44406964_/_9334796_2'	2.1		4	10	2.048	1.1	6.16	3.02 No	1.1	Element Fault
RIV063	297	'43882629_/_6271188'	2.1		4	10	2.048	4.1	6.14	3.02 No	2.048	Thermal Discharging
RIV063	298	'6262770_/_7168773'	0.7		1.53	3.33	0.68	0.3	1.78	1.01 No	0.3	Element Fault
RIV063	299	'6262649_/_7167614_3'	0.6		1.63	3.33	0.68	0.3	1.78	1.01 No	0.3	Element Fault
RIV063	300	'6269545_/_6271171'	2.1		3.9	10	2.048	4.1	6.07	3.02 No	2.048	Thermal Discharging
RIV063	301	'43882618_/_6247383'	2		3.9	10	2.048	3.3	6.07	3.02 No	2	Primary Over-Voltage
RIV063	302	'6263843_/_6263840'	2		3.9	10	2.048	3.3	6.08	3.02 No	2	Primary Over-Voltage
RIV063	303	'6262718_/_6262715'	0.87		1.5	3.33	0.68	0.3	1.76	1.01 No	0.3	Element Fault
RIV063	304	'6267003_/_6269543'	2		3.9	10	2.048	4.1	6.02	3.02 No	2	Primary Over-Voltage
RIV063	305	'43880623_/_6262822'	0.7		1.5	3.33	0.68	0.3	1.75	1.01 No	0.3	Element Fault
RIV063	306	'6263999_/_6269609'	2		3.9	10	2.048	4.1	5.99	3.02 No	2	Primary Over-Voltage
RIV063	307	'6267020_/_6267017'	2		3.9	10	2.048	4.1	5.96	3.02 No	2	Primary Over-Voltage
RIV063	308	'43881790_/_6267000'	2		3.9	10	2.048	4.1	5.95	3.02 No	2	Primary Over-Voltage
RIV063	309	'6262650_/_6262647'	0.6		1.57	3.33	0.68	0.3	1.75	1.01 No	0.3	Element Fault
RIV063	310	'43880590_/_43880592'	0.67		1.47	3.33	0.68	0.3	1.73	1.01 No	0.3	Element Fault
RIV063	311	'6262731_/_6262728_1'	0.87		1.43	3.33	0.68	0.3	1.73	1.01 No	0.3	Element Fault
RIV063	312	'6262621_/_6262631'	0.57		1.57	3.33	0.68	0.3	1.74	1.01 No	0.3	Element Fault
RIV063	313	'6267040_/_6267037'	2		3.8	10	2.048	4.1	5.89	3.02 No	2	Primary Over-Voltage
RIV063	314	'43880568_/_6262728_2'	0.87		1.43	3.33	0.68	0.3	1.73	1.01 No	0.3	Element Fault
RIV063	315	'6267057_/_6267054'	2		3.8	10	2.048	4.1	5.83	3.02 No	2	Primary Over-Voltage
RIV063	316	'8440189_/_8440186'	0.6		1.7	3.33	0.68	0.57	1.72	1.01 No	0.57	Element Fault
RIV063	317	'43882623_/_43882620'	0.67		1.27	3.33	0.68	1.1	1.95	1.01 No	0.67	Primary Over-Voltage
RIV063	318	'69650317_/_7167601_1'	0.6		1.7	3.33	0.68	0.3	1.72	1.01 No	0.3	Element Fault
RIV063	319	'412317581_/_412317583'	2		3.7	10	2.048	4.1	5.81	3.02 No	2	Primary Over-Voltage
RIV063	320	'426238678_/_426238741_1'	2		3.7	10	2.048	1.3	5.8	3.02 No	1.3	Element Fault
RIV063	321	'43880546_/_43880548'	0.87		1.4	3.33	0.68	0.3	1.71	1.01 No	0.3	Element Fault
RIV063	322	'43881803_/_6267071'	2		3.7	10	2.048	4.1	5.74	3.02 No	2	Primary Over-Voltage
RIV063	323	'43882885_/_6272764'	0.57		1.5	3.33	0.68	0.3	1.7	1.01 No	0.3	Element Fault
RIV063	324	'6262838_/_43880625'	0.67		1.4	3.33	0.68	0.3	1.69	1.01 No	0.3	Element Fault
RIV063	325	'426238583_/_426238741_2'	2		3.7	10	2.048	1.3	5.74	3.02 No	1.3	Element Fault
RIV063	326	'6266969_/_6266983'	1.9		3.7	10	2.048	4.1	5.72	3.02 No	1.9	Primary Over-Voltage
RIV063	327	'43880952_/_6269629'	1.9		3.7	10	2.048	4.1	5.71	3.02 No	1.9	Primary Over-Voltage
RIV063	328	'43880502_/_7167601_2'	0.57		1.6	3.33	0.68	0.3	1.69	1.01 No	0.3	Element Fault
RIV063	329	'6267094_/_6267091'	1.9		3.7	10	2.048	4.1	5.68	3.02 No	1.9	Primary Over-Voltage
RIV063	330	'6262501_/_6262514'	0.57		1.6	3.33	0.68	0.57	1.69	1.01 No	0.57	Primary Over-Voltage
RIV063	331	'43880524_/_43880526'	0.57		1.47	3.33	0.68	0.3	1.68	1.01 No	0.3	Element Fault
RIV063	332	'6267111_/_6267108'	1.9		3.6	10	2.048	4.1	5.65	3.02 No	1.9	Primary Over-Voltage
RIV063	333	'68605293_/_6266966'	1.9		3.6	10	2.048	4.1	5.67	3.02 No	1.9	Primary Over-Voltage
RIV063	334	'6272379_/_6272389'	0.63		1.37	3.33	0.68	0.3	1.67	1.01 No	0.3	Element Fault
RIV063	335	'6267128_/_6267125'	1.9		3.6	10	2.048	4.1	5.61	3.02 No	1.9	Primary Over-Voltage
RIV063	336	'68605346_/_67484706_2'	1.9		3.6	10	2.048	4.1	5.63	3.02 No	1.9	Primary Over-Voltage
RIV063	337	'6262744_/_43880570'	0.87		1.33	3.33	0.68	0.3	1.66	1.01 No	0.3	Element Fault
RIV063	338	'6272308_/_6272318'	0.87		1.33	3.33	0.68	0.3	1.66	1.01 No	0.3	Element Fault
RIV063	339	'6263305_/_6263302'	0.63		1.37	3.33	0.68	0.3	1.66	1.01 No	0.3	Element Fault
RIV063	340	'6267145_/_6267142'	1.9		3.6	10	2.048	4.1	5.57	3.02 No	1.9	Primary Over-Voltage
RIV063	341	'6266952_/_68605296'	1.9		3.6	10	2.048	4.1	5.57	3.02 No	1.9	Primary Over-Voltage
RIV063	342	'6262530_/_6262527'	0.57		1.5	3.33	0.68	0.3	1.65	1.01 No	0.3	Element Fault
RIV063	343	'6262662_/_43882887'	0.53		1.4	3.33	0.68	0.3	1.65	1.01 No	0.3	Element Fault
RIV063	344	'6272124_/_6272121'	1.9		3.5	10	2.048	4.1	5.51	3.02 No	1.9	Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RIV063	345	'6266232_/_43880956'		1.9	3.5	10	2.048	4.1	5.53	3.02 No	1.9 Primary Over-Voltage
RIV063	346	'438528342_/_438528339'		0.63	1.17	3.33	0.68	1.37	1.83	1.01 No	0.63 Primary Over-Voltage
RIV063	347	'8390211_/_8390208_1'		0.63	1.17	3.33	0.68	0.3	1.84	1.01 No	0.3 Element Fault
RIV063	348	'6262595_/_6262605'		0.53	1.4	3.33	0.68	0.3	1.64	1.01 No	0.3 Element Fault
RIV063	349	'6272378_/_6272376'		0.6	1.33	3.33	0.68	0.3	1.63	1.01 No	0.3 Element Fault
RIV063	350	'8131758_/_8131771'		0.63	1.5	3.33	0.68	0.57	1.64	1.01 No	0.57 Element Fault
RIV063	351	'69650280_/_7167588_1'		0.63	1.5	3.33	0.68	0.3	1.64	1.01 No	0.3 Element Fault
RIV063	352	'43880491_/_43880493'		0.53	1.47	3.33	0.68	0.57	1.63	1.01 No	0.53 Primary Over-Voltage
RIV063	353	'8390210_/_8390208_2'		0.63	1.17	3.33	0.68	0.3	1.82	1.01 No	0.3 Element Fault
RIV063	354	'43880819_/_6272738'		0.6	1.3	3.33	0.68	0.3	1.62	1.01 No	0.3 Element Fault
RIV063	355	'6263149_/_6263146'		0.87	1.3	3.33	0.68	0.3	1.62	1.01 No	0.3 Element Fault
RIV063	356	'6272181_/_43882743'		0.63	1.17	3.33	0.68	0.3	1.8	1.01 No	0.3 Element Fault
RIV063	357	'6262543_/_6262540'		0.53	1.47	3.33	0.68	0.3	1.62	1.01 No	0.3 Element Fault
RIV063	358	'43881777_/_6266949'		1.8	3.5	10	2.048	4.1	5.44	3.02 No	1.8 Primary Over-Voltage
RIV063	359	'6272307_/_6272305'		0.87	1.3	3.33	0.68	0.3	1.62	1.01 No	0.3 Element Fault
RIV063	360	'6262663_/_6262660'		0.53	1.33	3.33	0.68	0.3	1.61	1.01 No	0.3 Element Fault
RIV063	361	'9021432_/_9021429'		0.63	1.17	3.33	0.68	0.3	1.79	1.01 No	0.3 Element Fault
RIV063	362	'6262398_/_7167588_2'		0.63	1.43	3.33	0.68	0.3	1.62	1.01 No	0.3 Element Fault
RIV063	363	'6272144_/_6272158'		1.8	3.4	10	2.048	4.1	5.34	3.02 No	1.8 Primary Over-Voltage
RIV063	364	'6262370_/_6262380'		0.63	1.43	3.33	0.68	0.57	1.61	1.01 No	0.57 Element Fault
RIV063	365	'67484734_/_67484706_1'		1.8	3.4	10	2.048	0.9	5.36	3.02 No	0.9 Element Fault
RIV063	366	'6262475_/_6262485'		0.53	1.4	3.33	0.68	0.57	1.59	1.01 No	0.53 Primary Over-Voltage
RIV063	367	'43882815_/_43882817'		0.5	1.3	3.33	0.68	0.3	1.59	1.01 No	0.3 Element Fault
RIV063	368	'6266233_/_6266230'		1.8	3.4	10	2.048	3.3	5.31	3.02 No	1.8 Primary Over-Voltage
RIV063	369	'6271228_/_6272141'		1.8	3.4	10	2.048	4.1	5.28	3.02 No	1.8 Primary Over-Voltage
RIV063	370	'7441896_/_8700612_2'		1.8	3.4	10	2.048	4.1	5.26	3.02 No	1.8 Primary Over-Voltage
RIV063	371	'6263317_/_6272751'		0.6	1.27	3.33	0.68	0.3	1.58	1.01 No	0.3 Element Fault
RIV063	372	'6266934_/_6266932'		1.8	3.4	10	2.048	4.1	5.29	3.02 No	1.8 Primary Over-Voltage
RIV063	373	'6247408_/_6263065'		0.5	1.3	3.33	0.68	0.3	1.58	1.01 No	0.3 Element Fault
RIV063	374	'6263162_/_6263159'		0.87	1.23	3.33	0.68	0.3	1.58	1.01 No	0.3 Element Fault
RIV063	375	'6272070_/_6272084_1'		1.8	3.3	10	2.048	1.1	5.24	3.02 No	1.1 Element Fault
RIV063	376	'43880469_/_6262396'		0.63	1.37	3.33	0.68	0.3	1.57	1.01 No	0.3 Element Fault
RIV063	377	'43880513_/_6262553'		0.5	1.37	3.33	0.68	0.3	1.57	1.01 No	0.3 Element Fault
RIV063	378	'43881731_/_6271225'		1.8	3.3	10	2.048	3.5	5.18	3.02 No	1.8 Primary Over-Voltage
RIV063	379	'360011937_/_6246840_2'		0.6	1.1	3.33	0.68	1.17	1.72	1.01 No	0.6 Primary Over-Voltage
RIV063	380	'6247294_/_6272084_2'		1.8	3.3	10	2.048	1.1	5.17	3.02 No	1.1 Element Fault
RIV063	381	'43880458_/_6262367'		0.63	1.33	3.33	0.68	0.57	1.55	1.01 No	0.57 Element Fault
RIV063	382	'45284367_/_6262579'		0.5	1.27	3.33	0.68	0.3	1.55	1.01 No	0.3 Element Fault
RIV063	383	'43881764_/_43881766'		1.7	3.3	10	2.048	4.1	5.15	3.02 No	1.7 Primary Over-Voltage
RIV063	384	'43880480_/_43880482'		0.5	1.33	3.33	0.68	0.57	1.54	1.01 No	0.5 Primary Over-Voltage
RIV063	385	'6262569_/_43880515'		0.5	1.3	3.33	0.68	0.3	1.54	1.01 No	0.3 Element Fault
RIV063	386	'6263318_/_6263315'		0.57	1.2	3.33	0.68	0.3	1.53	1.01 No	0.3 Element Fault
RIV063	387	'43880753_/_6247406'		0.47	1.23	3.33	0.68	0.3	1.53	1.01 No	0.3 Element Fault
RIV063	388	'6247279_/_6247292'		1.7	3.2	10	2.048	1.1	5.07	3.02 No	1.1 Element Fault
RIV063	389	'6263175_/_6263172'		0.8	1.17	3.33	0.68	0.3	1.52	1.01 No	0.3 Element Fault
RIV063	390	'6262412_/_43880471'		0.63	1.3	3.33	0.68	0.3	1.53	1.01 No	0.3 Element Fault
RIV063	391	'6262344_/_6262354'		0.63	1.27	3.33	0.68	0.57	1.52	1.01 No	0.57 Element Fault
RIV063	392	'6267161_/_6267159'		1.7	3.2	10	2.048	0.9	5.01	3.02 No	0.9 Element Fault
RIV063	393	'6262961_/_6262958'		0.47	1.27	3.33	0.68	0.3	1.51	1.01 No	0.3 Element Fault
RIV063	394	'6247329_/_6247343'		1.7	3.1	10	2.048	1.1	4.97	3.02 No	1.1 Element Fault
RIV063	395	'6262425_/_6262422'		0.63	1.27	3.33	0.68	0.3	1.5	1.01 No	0.3 Element Fault
RIV063	396	'6247278_/_6247276'		0.57	1.03	3.33	0.68	0.37	1.65	1.01 No	0.37 Element Fault
RIV063	397	'6247422_/_6247419'		0.47	1.17	3.33	0.68	0.3	1.49	1.01 No	0.3 Element Fault
RIV063	398	'6262451_/_6262459'		0.47	1.23	3.33	0.68	0.57	1.49	1.01 No	0.47 Primary Over-Voltage
RIV063	399	'43880830_/_6263328'		0.53	1.13	3.33	0.68	0.3	1.48	1.01 No	0.3 Element Fault
RIV063	400	'43880797_/_6263185'		0.77	1.13	3.33	0.68	0.3	1.48	1.01 No	0.3 Element Fault
RIV063	401	'8700614_/_8700612_1'		1.7	3.1	10	2.048	0.9	4.89	3.02 No	0.9 Element Fault
RIV063	402	'6247312_/_6247326'		1.7	3.1	10	2.048	1.1	4.9	3.02 No	1.1 Element Fault
RIV063	403	'49204639_/_7180251'		0.47	1.23	3.33	0.68	0.57	1.48	1.01 No	0.47 Primary Over-Voltage
RIV063	404	'7441936_/_7441934_1'		1.7	3.1	10	2.048	0.6	4.89	3.02 No	0.6 Element Fault
RIV063	405	'6262331_/_6262341'		0.63	1.23	3.33	0.68	0.57	1.48	1.01 No	0.57 Element Fault
RIV063	406	'6272056_/_6272054'		0.57	1.03	3.33	0.68	0.37	1.62	1.01 No	0.37 Element Fault
RIV063	407	'7441937_/_7441934_2'		1.7	3.1	10	2.048	0.6	4.87	3.02 No	0.6 Element Fault
RIV063	408	'6262974_/_6262971'		0.47	1.2	3.33	0.68	0.3	1.48	1.01 No	0.3 Element Fault
RIV063	409	'6247311_/_6247309'		1.7	3.1	10	2.048	1.1	4.85	3.02 No	1.1 Element Fault
RIV063	410	'6263081_/_6263078'		0.47	1.13	3.33	0.68	0.3	1.47	1.01 No	0.3 Element Fault
RIV063	411	'6262438_/_6262435'		0.63	1.2	3.33	0.68	0.3	1.47	1.01 No	0.3 Element Fault
RIV063	412	'6263344_/_43880832'		0.53	1.1	3.33	0.68	0.3	1.44	1.01 No	0.3 Element Fault
RIV063	413	'9020712_/_9020709'		1.6	3	10	2.048	0.9	4.77	3.02 No	0.9 Element Fault
RIV063	414	'43880447_/_43880449'		0.63	1.17	3.33	0.68	0.57	1.45	1.01 No	0.57 Element Fault
RIV063	415	'43880720_/_6262984'		0.47	1.17	3.33	0.68	0.3	1.44	1.01 No	0.3 Element Fault
RIV063	416	'54925056_/_54925031_1'		0.63	1.17	3.33	0.68	0.2	1.44	1.01 No	0.2 Element Fault
RIV063	417	'6263200_/_43880799'		0.73	1.07	3.33	0.68	0.3	1.43	1.01 No	0.3 Element Fault
RIV063	418	'6263097_/_6263094'		0.43	1.1	3.33	0.68	0.3	1.43	1.01 No	0.3 Element Fault
RIV063	419	'6262906_/_6262903'		0.63	1.13	3.33	0.68	0.3	1.43	1.01 No	0.3 Element Fault
RIV063	420	'6263357_/_6263354'		0.5	1.07	3.33	0.68	0.3	1.41	1.01 No	0.3 Element Fault
RIV063	421	'43880709_/_6262919'		0.63	1.13	3.33	0.68	0.3	1.41	1.01 No	0.3 Element Fault
RIV063	422	'54925076_/_54925031_2'		0.63	1.1	3.33	0.68	0.1	1.41	1.01 No	0.1 Element Fault
RIV063	423	'6263003_/_43880722'		0.43	1.1	3.33	0.68	0.3	1.4	1.01 No	0.3 Element Fault
RIV063	424	'43880775_/_6271041'		0.43	1.07	3.33	0.68	0.3	1.4	1.01 No	0.3 Element Fault
RIV063	425	'6263201_/_6263198'		0.7	1.03	3.33	0.68	0.3	1.4	1.01 No	0.3 Element Fault
RIV063	426	'44073781_/_54925031_3'		0.63	1.1	3.33	0.68	0.1	1.4	1.01 No	0.1 Element Fault
RIV063	427	'6263016_/_6263013'		0.43	1.07	3.33	0.68	0.3	1.38	1.01 No	0.3 Element Fault
RIV063	428	'6262935_/_6262932'		0.63	1.07	3.33	0.68	0.3	1.38	1.01 No	0.3 Element Fault
RIV063	429	'6262292_/_6262302'		0.63	1.07	3.33	0.68	0.1	1.37	1.01 No	0.1 Element Fault
RIV063	430	'6263370_/_6263367'		0.47	1	3.33	0.68	0.3	1.37	1.01 No	0.3 Element Fault
RIV063	431	'43880764_/_6263211'		0.7	1	3.33	0.68	0.3	1.36	1.01 No	0.3 Element Fault
RIV063	432	'6263109_/_6271054'		0.4	1.03	3.33	0.68	0.3	1.36	1.01 No	0.3 Element Fault
RIV063	433	'43880436_/_6262289'		0.63	1.03	3.33	0.68	0.1	1.35	1.01 No	0.1 Element Fault
RIV063	434	'6263383_/_6263380'		0.47	0.97	3.33	0.68	0.3	1.34	1.01 No	0.3 Element Fault
RIV063	435	'6263110_/_6263107'		0.4	1	3.33	0.68	0.3	1.34	1.01 No	0.3 Element Fault
RIV063	436	'6262948_/_6262945'		0.63	1.03	3.33	0.68	0.3	1.34	1.01 No	0.3 Element Fault
RIV063	437	'43880731_/_6271015'		0.4	1.03	3.33	0.68	0.3	1.34	1.01 No	0.3 Element Fault
RIV063	438	'6263227_/_43880766'		0.67	0.97	3.33	0.68	0.3	1.32	1.01 No	0.3 Element Fault

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RIV063	439	'6262266_/_6262276'		0.63	1	3.33	0.68	0.1	1.33	1.01 No	0.1 Element Fault
RIV063	440	'6271099_/_6271096'		0.63	1	3.33	0.68	0.3	1.32	1.01 No	0.3 Element Fault
RIV063	441	'6263123_/_6263120'		0.4	0.97	3.33	0.68	0.3	1.31	1.01 No	0.3 Element Fault
RIV063	442	'6262265_/_6262263'		0.63	1	3.33	0.68	0.1	1.31	1.01 No	0.1 Element Fault
RIV063	443	'6263028_/_43880733'		0.4	1	3.33	0.68	0.3	1.3	1.01 No	0.3 Element Fault
RIV063	444	'43880808_/_6263237'		0.63	0.93	3.33	0.68	0.3	1.29	1.01 No	0.3 Element Fault
RIV063	445	'6263029_/_6263026'		0.4	0.97	3.33	0.68	0.3	1.28	1.01 No	0.3 Element Fault
RIV063	446	'43880786_/_6263133'		0.37	0.93	3.33	0.68	0.3	1.28	1.01 No	0.3 Element Fault
RIV063	447	'7090987_/_7090984'		0.63	0.97	3.33	0.68	0.1	1.28	1.01 No	0.1 Element Fault
RIV063	448	'6263253_/_43880810'		0.63	0.9	3.33	0.68	0.3	1.26	1.01 No	0.3 Element Fault
RIV063	449	'6263042_/_6263039'		0.37	0.93	3.33	0.68	0.3	1.26	1.01 No	0.3 Element Fault
RIV063	450	'6263136_/_43880788'		0.37	0.9	3.33	0.68	0.3	1.25	1.01 No	0.3 Element Fault
RIV063	451	'6263266_/_6263263'		0.6	0.87	3.33	0.68	0.3	1.24	1.01 No	0.3 Element Fault
RIV063	452	'6263279_/_6263276'		0.6	0.87	3.33	0.68	0.3	1.23	1.01 No	0.3 Element Fault
RIV063	453	'43880742_/_6263052'		0.37	0.9	3.33	0.68	0.3	1.23	1.01 No	0.3 Element Fault
RIV063	454	'43880930_/_6269510'		0.6	0.83	3.33	0.68	0.3	1.2	1.01 No	0.3 Element Fault
RIV063	455	'6263055_/_43880744'		0.33	0.87	3.33	0.68	0.3	1.2	1.01 No	0.3 Element Fault
RIV063	456	'6266880_/_43882754'		1.3	2.4	10	2.048	1.1	3.86	3.02 No	1.1 Element Fault
RIV063	457	'6263968_/_43880932'		0.57	0.83	3.33	0.68	0.3	1.18	1.01 No	0.3 Element Fault
RIV063	458	'6266881_/_6266878'		1.3	2.3	10	2.048	1.1	3.82	3.02 No	1.1 Element Fault
RIV063	459	'43882653_/_6266895'		1.2	2.3	10	2.048	1.1	3.72	3.02 No	1.1 Element Fault
RIV063	460	'43882066_/_6266912'		1.2	2.2	10	2.048	1.1	3.63	3.02 No	1.1 Element Fault
RIV063	461	'6267844_/_6267841'		1.2	2.2	10	2.048	1.1	3.56	3.02 No	1.1 Element Fault
RIV063	462	'6267861_/_6267858'		1.2	2.1	10	2.048	1.1	3.51	3.02 No	1.1 Element Fault
RIV063	463	'6269654_/_6272857'		1.1	2.1	10	2.048	1.1	3.44	3.02 No	1.1 Primary Over-Voltage
RIV063	464	'6264019_/_6269652'		0.37	0.67	3.33	0.68	0.37	1.11	1.01 No	0.37 Primary Over-Voltage
RIV063	465	'7441068_/_7441066_1'		0.37	0.67	3.33	0.68	0.1	1.11	1.01 No	0.1 Element Fault
RIV063	466	'7441069_/_7441066_2'		0.37	0.67	3.33	0.68	0.1	1.09	1.01 No	0.1 Element Fault
RIV063	467	'43880967_/_6264017'		0.37	0.67	3.33	0.68	0.37	1.09	1.01 No	0.37 Primary Over-Voltage
RIV064	0	'RIV064_/_9056201'		10	10	10	0.928	10	10	6.19 No	0.928 Thermal Discharging
RIV064	1	'7444575_/_9056201'		10	10	10	0.928	10	10	6.19 No	0.928 Thermal Discharging
RIV064	2	'7444574_/_7444572'		10	10	10	0.928	10	10	6.19 No	0.928 Thermal Discharging
RIV064	3	'7757862_/_7757859'		10	10	10	0.928	10	10	6.19 No	0.928 Thermal Discharging
RIV064	4	'7758021_/_7758019'		10	10	10	0.928	10	10	6.19 No	0.928 Thermal Discharging
RIV064	5	'8078902_/_9024979'		10	10	10	0.928	10	10	6.19 No	0.928 Thermal Discharging
RIV064	6	'9337243_/_8078899'		10	10	10	0.928	10	10	6.19 No	0.928 Thermal Discharging
RIV064	7	'8704239_/_9337240'		10	10	10	0.928	10	10	6.19 No	0.928 Thermal Discharging
RIV064	8	'7757662_/_8704236'		10	10	10	0.928	10	10	6.19 No	0.928 Thermal Discharging
RIV064	9	'7757661_/_7757659'		10	10	10	0.928	10	10	6.19 No	0.928 Thermal Discharging
RIV064	10	'7444675_/_8704296'		10	10	10	0.928	10	10	6.19 No	0.928 Thermal Discharging
RIV064	11	'7444674_/_7444672'		10	10	10	0.928	10	10	6.19 No	0.928 Thermal Discharging
RIV064	12	'9021392_/_9056121'		10	10	10	0.928	10	10	6.19 No	0.928 Thermal Discharging
RIV064	13	'9021391_/_9021389'		10	10	10	0.928	10	10	6.19 No	0.928 Thermal Discharging
RIV064	14	'9334518_/_9334516'		10	10	10	0.928	10	10	6.19 No	0.928 Thermal Discharging
RIV064	15	'7441457_/_9647291'		10	10	10	0.928	10	10	6.19 No	0.928 Thermal Discharging
RIV064	16	'7441456_/_7441454'		10	10	10	0.928	10	10	6.19 No	0.928 Thermal Discharging
RIV064	17	'8700931_/_8700948'		10	10	10	0.928	10	10	6.19 No	0.928 Thermal Discharging
RIV064	18	'8700911_/_8700928'		10	10	10	0.928	10	10	6.19 No	0.928 Thermal Discharging
RIV064	19	'7441437_/_8700908'		10	10	10	0.928	10	10	6.19 No	0.928 Thermal Discharging
RIV064	20	'7441436_/_7441434'		10	10	10	0.928	10	10	6.19 No	0.928 Thermal Discharging
RIV064	21	'8390640_/_8390638'		10	10	10	0.928	10	10	6.19 No	0.928 Thermal Discharging
RIV064	22	'9021031_/_9021029'		10	10	10	0.928	10	10	6.19 No	0.928 Thermal Discharging
RIV064	23	'9021012_/_9647271'		10	10	10	0.928	10	10	6.19 No	0.928 Thermal Discharging
RIV064	24	'8075834_/_381489058'		10	10	10	0.928	10	10	6.19 No	0.928 Thermal Discharging
RIV064	25	'7477935_/_8075831'		10	10	10	0.928	10	10	6.19 No	0.928 Thermal Discharging
RIV064	26	'7477934_/_7477932'		10	10	10	0.928	10	10	6.19 No	0.928 Thermal Discharging
RIV064	27	'8651416_/_438886126'		10	10	10	0.928	10	10	6.19 No	0.928 Thermal Discharging
RIV064	28	'8651415_/_8651413'		10	10	10	0.928	10	10	6.19 No	0.928 Thermal Discharging
RIV064	29	'8974937_/_8974935'		10	10	10	0.928	10	10	6.19 No	0.928 Thermal Discharging
RIV064	30	'9288304_/_9288321'		10	10	10	0.928	10	10	6.19 No	0.928 Thermal Discharging
RIV064	31	'7397383_/_9288301'		10	10	10	0.928	10	10	6.19 No	0.928 Thermal Discharging
RIV064	32	'7397382_/_7397380'		10	10	10	0.928	10	10	6.19 No	0.928 Thermal Discharging
RIV064	33	'7397502_/_7397500'		10	10	10	0.928	10	10	6.19 No	0.928 Thermal Discharging
RIV064	34	'7398011_/_9602985'		10	10	10	0.928	10	10	6.19 No	0.928 Thermal Discharging
RIV064	35	'7397991_/_7398008_2'		10	10	10	0.928	10	10	6.19 No	0.928 Thermal Discharging
RIV064	36	'5399548_/_7398008_1'		10	10	10	0.928	10	10	6.19 No	0.928 Thermal Discharging
RIV064	37	'5399549_/_5399546'		10	10	10	0.928	10	10	6.19 No	0.928 Thermal Discharging
RIV064	38	'5388993_/_5401428'		10	10	10	0.928	10	10	6.19 No	0.928 Thermal Discharging
RIV064	39	'6269298_/_7090719'		9.5	10	10	0.928	4.4	10	6.19 No	0.928 Thermal Discharging
RIV064	40	'5388994_/_5389004_1'		3.3	3.33	3.33	0.312	0.5	3.33	2.06 No	0.312 Thermal Discharging
RIV064	41	'43703998_/_43704000'		10	10	10	0.928	10	10	6.19 No	0.928 Thermal Discharging
RIV064	42	'5400355_/_5400352'		10	10	10	0.928	10	10	6.19 No	0.928 Thermal Discharging
RIV064	43	'5400647_/_5400661'		10	10	10	0.928	10	10	6.19 No	0.928 Thermal Discharging
RIV064	44	'6269278_/_6269275_2'		8.9	10	10	0.928	3.5	10	6.19 No	0.928 Thermal Discharging
RIV064	45	'5400630_/_5400644'		9.7	10	10	0.928	10	10	6.19 No	0.928 Thermal Discharging
RIV064	46	'43703985_/_5400627'		9.5	10	10	0.928	10	10	6.19 No	0.928 Thermal Discharging
RIV064	47	'5400596_/_5400610'		9.4	10	10	0.928	10	10	6.19 No	0.928 Thermal Discharging
RIV064	48	'43882907_/_6272840'		8.1	10	10	0.928	4.4	10	6.19 No	0.928 Thermal Discharging
RIV064	49	'5400579_/_5400593'		9.2	10	10	0.928	10	10	6.19 No	0.928 Thermal Discharging
RIV064	50	'5400562_/_5400576'		9.1	10	10	0.928	10	10	6.19 No	0.928 Thermal Discharging
RIV064	51	'6272806_/_6272823'		7.6	10	10	0.928	4.4	10	6.19 No	0.928 Thermal Discharging
RIV064	52	'5389007_/_5389004_2'		2.67	3.33	3.33	0.312	0.5	3.33	2.06 No	0.312 Thermal Discharging
RIV064	53	'43703972_/_43703974'		9	10	10	0.928	10	10	6.19 No	0.928 Thermal Discharging
RIV064	54	'5400048_/_5400542'		8.8	10	10	0.928	10	10	6.19 No	0.928 Thermal Discharging
RIV064	55	'5400047_/_5400045'		8.7	10	10	0.928	10	10	6.19 No	0.928 Thermal Discharging
RIV064	56	'6269261_/_6269275_1'		6.9	10	10	0.928	1.5	10	6.19 No	0.928 Thermal Discharging
RIV064	57	'5408385_/_5408426'		8.5	10	10	0.928	10	10	6.19 No	0.928 Thermal Discharging
RIV064	58	'5400031_/_5408406'		8.5	10	10	0.928	10	10	6.19 No	0.928 Thermal Discharging
RIV064	59	'5401414_/_5408383'		8.4	10	10	0.928	10	10	6.19 No	0.928 Thermal Discharging
RIV064	60	'5408446_/_5408443'		8.4	10	10	0.928	10	10	6.19 No	0.928 Thermal Discharging
RIV064	61	'43703432_/_5400028'		8.4	10	10	0.928	10	10	6.19 No	0.928 Thermal Discharging
RIV064	62	'6272805_/_6272803'		6.7	10	10	0.928	4.4	10	6.19 No	0.928 Thermal Discharging
RIV064	63	'5386947_/_5401411'		8.3	10	10	0.928	10	10	6.19 No	0.928 Thermal Discharging
RIV064	64	'5400067_/_5408463'		8.2	10	10	0.928	10	10	6.19 No	0.928 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RIV064	65	'5386934_/_50785410_2'		2.73	3.33	3.33	0.312	1.5	3.33	2.06 No	0.312 Thermal Discharging
RIV064	66	'5400013_/_5400011'		8.3	10	10	0.928	10	10	6.19 No	0.928 Thermal Discharging
RIV064	67	'5410810_/_5410808'		8.2	10	10	0.928	10	10	6.19 No	0.928 Thermal Discharging
RIV064	68	'5387396_/_5400065'		8.1	10	10	0.928	10	10	6.19 No	0.928 Thermal Discharging
RIV064	69	'5410978_/_5410992'		8	10	10	0.928	10	10	6.19 No	0.928 Thermal Discharging
RIV064	70	'43703468_/_5400082'		8	10	10	0.928	10	10	6.19 No	0.928 Thermal Discharging
RIV064	71	'426130654_/_5387409_1'		5.2	6.67	6.67	0.616	1	6.67	4.12 No	0.616 Thermal Discharging
RIV064	72	'5389020_/_5389017'		2.17	3.33	3.33	0.312	0.5	3.33	2.06 No	0.312 Thermal Discharging
RIV064	73	'43703408_/_5410975'		7.9	10	10	0.928	10	10	6.19 No	0.928 Thermal Discharging
RIV064	74	'5400102_/_43703470'		7.8	10	10	0.928	10	10	6.19 No	0.928 Thermal Discharging
RIV064	75	'5399980_/_5399994'		7.9	10	10	0.928	10	10	6.19 No	0.928 Thermal Discharging
RIV064	76	'8651156_/_8651153'		2.6	3.33	3.33	0.312	0.5	3.33	2.06 No	0.312 Thermal Discharging
RIV064	77	'5400119_/_5400116'		7.7	10	10	0.928	10	10	6.19 No	0.928 Thermal Discharging
RIV064	78	'6269244_/_6269258'		5.8	10	10	0.928	1.5	10	6.19 No	0.928 Thermal Discharging
RIV064	79	'9288167_/_9288165'		2.57	3.33	3.33	0.312	0.5	3.33	2.06 No	0.312 Thermal Discharging
RIV064	80	'5399963_/_5399977'		7.7	10	10	0.928	10	10	6.19 No	0.928 Thermal Discharging
RIV064	81	'89287432_/_5400133'		7.6	10	10	0.928	10	10	6.19 No	0.928 Thermal Discharging
RIV064	82	'43703395_/_5399960'		7.7	10	10	0.928	10	10	6.19 No	0.928 Thermal Discharging
RIV064	83	'5399929_/_5399943'		7.5	10	10	0.928	10	10	6.19 No	0.928 Thermal Discharging
RIV064	84	'50785413_/_50785410_1'		2.27	3.33	3.33	0.312	0.5	3.33	2.06 No	0.312 Thermal Discharging
RIV064	85	'5399912_/_5399926'		7.5	10	10	0.928	10	10	6.19 No	0.928 Thermal Discharging
RIV064	86	'43703456_/_5387409_2'		4.53	6.67	6.67	0.616	1	6.67	4.12 No	0.616 Thermal Discharging
RIV064	87	'5387043_/_5399909'		7.4	10	10	0.928	10	10	6.19 No	0.928 Thermal Discharging
RIV064	88	'5387044_/_5387058_1'		7.4	10	10	0.928	1.5	10	6.19 No	0.928 Thermal Discharging
RIV064	89	'43703358_/_43703360'		7.3	10	10	0.928	10	10	6.19 No	0.928 Thermal Discharging
RIV064	90	'5399877_/_5399875'		7.3	10	10	0.928	10	10	6.19 No	0.928 Thermal Discharging
RIV064	91	'5364551_/_7095436'		7.2	10	10	0.928	10	10	6.19 No	0.928 Thermal Discharging
RIV064	92	'7710900_/_9602809'		2.13	3.33	3.33	0.312	0.5	3.33	2.06 No	0.312 Thermal Discharging
RIV064	93	'5364534_/_5364548'		7.1	10	10	0.928	10	10	6.19 No	0.928 Thermal Discharging
RIV064	94	'6269227_/_6269241'		5	10	10	0.928	1.5	10	6.19 No	0.928 Thermal Discharging
RIV064	95	'43704024_/_5389030'		1.77	3.33	3.33	0.312	0.5	3.33	2.06 No	0.312 Thermal Discharging
RIV064	96	'43696999_/_43697001'		7	10	10	0.928	10	10	6.19 No	0.928 Thermal Discharging
RIV064	97	'5359031_/_5364514'		7	10	10	0.928	10	10	6.19 No	0.928 Thermal Discharging
RIV064	98	'5364497_/_5364494'		6.9	10	10	0.928	10	10	6.19 No	0.928 Thermal Discharging
RIV064	99	'5387061_/_5387058_2'		6.3	10	10	0.928	1.5	10	6.19 No	0.928 Thermal Discharging
RIV064	100	'5364460_/_5364568'		6.9	10	10	0.928	10	10	6.19 No	0.928 Thermal Discharging
RIV064	101	'5387433_/_43703458'		3.87	6.67	6.67	0.616	1	6.67	4.12 No	0.616 Thermal Discharging
RIV064	102	'43709060_/_43709062'		6.8	10	10	0.928	10	10	6.19 No	0.928 Thermal Discharging
RIV064	103	'5423945_/_5423959'		6.8	10	10	0.928	10	10	6.19 No	0.928 Thermal Discharging
RIV064	104	'5386908_/_5386918'		1.87	3.33	3.33	0.312	0.5	3.33	2.06 No	0.312 Thermal Discharging
RIV064	105	'5364443_/_5364457'		6.7	10	10	0.928	10	10	6.19 No	0.928 Thermal Discharging
RIV064	106	'5364477_/_5364474'		6.7	10	10	0.928	10	10	6.19 No	0.928 Thermal Discharging
RIV064	107	'5416625_/_5423942'		6.7	10	10	0.928	10	10	6.19 No	0.928 Thermal Discharging
RIV064	108	'43697232_/_43697234'		6.2	10	10	0.928	4.9	10	6.19 No	0.928 Thermal Discharging
RIV064	109	'427999914_/_427999916'		6.7	10	10	0.928	10	10	6.19 No	0.928 Thermal Discharging
RIV064	110	'5423894_/_5423908'		6.6	10	10	0.928	10	10	6.19 No	0.928 Thermal Discharging
RIV064	111	'427758235_/_5359008_2'		6.2	10	10	0.928	4.9	10	6.19 No	0.928 Thermal Discharging
RIV064	112	'5386907_/_5386905'		1.8	3.33	3.33	0.312	0.5	3.33	2.06 No	0.312 Thermal Discharging
RIV064	113	'349909154_/_349909085'		6.6	10	10	0.928	10	10	6.19 No	0.928 Thermal Discharging
RIV064	114	'5364426_/_5364440'		6.5	10	10	0.928	10	10	6.19 No	0.928 Thermal Discharging
RIV064	115	'5389046_/_5389043'		1.57	3.33	3.33	0.312	0.5	3.33	2.06 No	0.312 Thermal Discharging
RIV064	116	'5423871_/_5423891'		6.6	10	10	0.928	10	10	6.19 No	0.928 Thermal Discharging
RIV064	117	'5389370_/_5389367'		3.53	6.67	6.67	0.616	1	6.67	4.12 No	0.616 Thermal Discharging
RIV064	118	'7710899_/_7710897'		1.77	3.33	3.33	0.312	0.5	3.33	2.06 No	0.312 Thermal Discharging
RIV064	119	'43709073_/_43709075'		6.5	10	10	0.928	10	10	6.19 No	0.928 Thermal Discharging
RIV064	120	'5387194_/_5387192'		1.87	3.33	3.33	0.312	0.5	3.33	2.06 No	0.312 Thermal Discharging
RIV064	121	'43882559_/_43882561'		4.3	10	10	0.928	1.5	10	6.19 No	0.928 Thermal Discharging
RIV064	122	'77379732_/_5416677'		6.5	10	10	0.928	10	10	6.19 No	0.928 Thermal Discharging
RIV064	123	'43709086_/_5416623'		6.2	10	10	0.928	4.6	10	6.19 No	0.928 Thermal Discharging
RIV064	124	'5416680_/_52384026'		6.5	10	10	0.928	10	10	6.19 No	0.928 Thermal Discharging
RIV064	125	'5364409_/_5364423'		6.4	10	10	0.928	10	10	6.19 No	0.928 Thermal Discharging
RIV064	126	'418511746_/_418511702_1'		6.5	10	10	0.928	10	10	6.19 No	0.928 Thermal Discharging
RIV064	127	'351717523_/_5416640_1'		6.2	10	10	0.928	1.5	10	6.19 No	0.928 Thermal Discharging
RIV064	128	'361473660_/_351717285_2'		6.4	10	10	0.928	10	10	6.19 No	0.928 Thermal Discharging
RIV064	129	'60633427_/_351717285_1'		6.4	10	10	0.928	10	10	6.19 No	0.928 Thermal Discharging
RIV064	130	'7710931_/_9602793'		1.7	3.33	3.33	0.312	0.5	3.33	2.06 No	0.312 Thermal Discharging
RIV064	131	'5387081_/_5387078'		5.4	10	10	0.928	1.5	10	6.19 No	0.928 Thermal Discharging
RIV064	132	'5364392_/_5364406'		6.3	10	10	0.928	10	10	6.19 No	0.928 Thermal Discharging
RIV064	133	'5387097_/_5387175'		5.4	10	10	0.928	1.5	10	6.19 No	0.928 Thermal Discharging
RIV064	134	'5387211_/_5387208'		1.97	3.33	3.33	0.312	0.5	3.33	2.06 No	0.312 Thermal Discharging
RIV064	135	'6269145_/_7090703'		1.7	3.33	3.33	0.312	0.5	3.33	2.06 No	0.312 Thermal Discharging
RIV064	136	'5364375_/_5364389'		6.2	10	10	0.928	10	10	6.19 No	0.928 Thermal Discharging
RIV064	137	'43696986_/_5359008_1'		5.6	10	10	0.928	3.5	10	6.19 No	0.928 Thermal Discharging
RIV064	138	'5389501_/_5389498'		1.73	3.33	3.33	0.312	0.5	3.33	2.06 No	0.312 Thermal Discharging
RIV064	139	'5364355_/_5364372_2'		6.1	10	10	0.928	10	10	6.19 No	0.928 Thermal Discharging
RIV064	140	'43696927_/_5364372_1'		6.1	10	10	0.928	10	10	6.19 No	0.928 Thermal Discharging
RIV064	141	'120298248_/_418511702_2'		6	10	10	0.928	10	10	6.19 No	0.928 Thermal Discharging
RIV064	142	'120298234_/_120298245'		6	10	10	0.928	10	10	6.19 No	0.928 Thermal Discharging
RIV064	143	'5364354_/_5364352'		6.1	10	10	0.928	10	10	6.19 No	0.928 Thermal Discharging
RIV064	144	'43704057_/_5389382'		3.2	6.67	6.67	0.616	1	6.67	4.12 No	0.616 Thermal Discharging
RIV064	145	'5387149_/_5387146'		1.67	3.33	3.33	0.312	0.5	3.33	2.06 No	0.312 Thermal Discharging
RIV064	146	'456786141_/_450333819_2'		6	10	10	0.928	4.6	10	6.19 No	0.928 Thermal Discharging
RIV064	147	'5423979_/_52384558'		5.8	10	10	0.928	5.6	10	6.19 No	0.928 Thermal Discharging
RIV064	148	'5416643_/_5416640_2'		5.5	10	10	0.928	1.5	10	6.19 No	0.928 Thermal Discharging
RIV064	149	'5423260_/_5423258'		6	10	10	0.928	10	10	6.19 No	0.928 Thermal Discharging
RIV064	150	'43882460_/_6269155'		1.57	3.33	3.33	0.312	0.5	3.33	2.06 No	0.312 Thermal Discharging
RIV064	151	'6269158_/_43882462'		1.57	3.33	3.33	0.312	0.5	3.33	2.06 No	0.312 Thermal Discharging
RIV064	152	'5387030_/_5389056'		1.37	3.33	3.33	0.312	0.5	3.33	2.06 No	0.312 Thermal Discharging
RIV064	153	'5358977_/_5358991'		5.1	10	10	0.928	3.5	10	6.19 No	0.928 Thermal Discharging
RIV064	154	'5364304_/_7095353'		5.8	10	10	0.928	10	10	6.19 No	0.928 Thermal Discharging
RIV064	155	'5387098_/_5387095'		4.8	10	10	0.928	1.5	10	6.19 No	0.928 Thermal Discharging
RIV064	156	'5405000_/_5404997'		1.6	3.33	3.33	0.312	0.5	3.33	2.06 No	0.312 Thermal Discharging
RIV064	157	'43882427_/_43882429'		1.53	3.33	3.33	0.312	0.5	3.33	2.06 No	0.312 Thermal Discharging
RIV064	158	'43707838_/_450333819_1'		5.6	10	10	0.928	1.5	10	6.19 No	0.928 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over- Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RIV064	159	'5364284_/_5364301'		5.8	10	10	0.928	10	10	6.19 No	0.928 Thermal Discharging
RIV064	160	'43703384_/_5387221'		1.73	3.33	3.33	0.312	0.5	3.33	2.06 No	0.312 Thermal Discharging
RIV064	161	'5359074_/_7095459'		1.57	3.33	3.33	0.312	0.5	3.33	2.06 No	0.312 Thermal Discharging
RIV064	162	'5364267_/_5364281'		5.7	10	10	0.928	10	10	6.19 No	0.928 Thermal Discharging
RIV064	163	'5416663_/_5416660'		5.1	10	10	0.928	1.5	10	6.19 No	0.928 Thermal Discharging
RIV064	164	'5413292_/_7095393_1'		5.6	10	10	0.928	1.5	10	6.19 No	0.928 Thermal Discharging
RIV064	165	'5389385_/_43704059'		2.93	6.67	6.67	0.616	1	6.67	4.12 No	0.616 Thermal Discharging
RIV064	166	'5413293_/_7095393_2'		5.5	10	10	0.928	1.5	10	6.19 No	0.928 Thermal Discharging
RIV064	167	'6269187_/_6269204'		3.7	10	10	0.928	1.5	10	6.19 No	0.928 Thermal Discharging
RIV064	168	'7710932_/_7710929'		1.43	3.33	3.33	0.312	0.5	3.33	2.06 No	0.312 Thermal Discharging
RIV064	169	'50284299_/_8700688_1'		3.7	10	10	0.928	0.9	10	6.19 No	0.9 Element Fault
RIV064	170	'5364250_/_5364264'		5.6	10	10	0.928	10	10	6.19 No	0.928 Thermal Discharging
RIV064	171	'5387165_/_5387162'		1.5	3.33	3.33	0.312	0.5	3.33	2.06 No	0.312 Thermal Discharging
RIV064	172	'8348925_/_8348923'		1.43	3.33	3.33	0.312	0.5	3.33	2.06 No	0.312 Thermal Discharging
RIV064	173	'5384492_/_5396192'		1.3	3.33	3.33	0.312	0.5	3.33	2.06 No	0.312 Thermal Discharging
RIV064	174	'5387115_/_5387112'		4.4	10	10	0.928	1.5	10	6.19 No	0.928 Thermal Discharging
RIV064	175	'5358960_/_5358974'		4.7	10	10	0.928	3.5	10	6.19 No	0.928 Thermal Discharging
RIV064	176	'7397271_/_9288145_2'		4.4	10	10	0.928	1.5	10	6.19 No	0.928 Thermal Discharging
RIV064	177	'5364233_/_5364247'		5.5	10	10	0.928	10	10	6.19 No	0.928 Thermal Discharging
RIV064	178	'5387031_/_5387028'		1.27	3.33	3.33	0.312	0.5	3.33	2.06 No	0.312 Thermal Discharging
RIV064	179	'5413404_/_5413401'		5	10	10	0.928	1.5	10	6.19 No	0.928 Thermal Discharging
RIV064	180	'5389400_/_5389397'		2.73	6.67	6.67	0.616	1	6.67	4.12 No	0.616 Thermal Discharging
RIV064	181	'8700691_/_8700688_2'		3.5	10	10	0.928	0.9	10	6.19 No	0.9 Element Fault
RIV064	182	'450334231_/_5364230'		5.3	10	10	0.928	10	10	6.19 No	0.928 Thermal Discharging
RIV064	183	'450334422_/_450334275_1'		5.3	10	10	0.928	1.4	10	6.19 No	0.928 Thermal Discharging
RIV064	184	'5387132_/_5387129'		4.2	10	10	0.928	1.5	10	6.19 No	0.928 Thermal Discharging
RIV064	185	'43707786_/_5413454'		5.1	10	10	0.928	4.7	10	6.19 No	0.928 Thermal Discharging
RIV064	186	'5359048_/_5359071'		1.4	3.33	3.33	0.312	0.5	3.33	2.06 No	0.312 Thermal Discharging
RIV064	187	'9288147_/_9288145_1'		4.1	10	10	0.928	0.9	10	6.19 No	0.9 Element Fault
RIV064	188	'5364196_/_5364210'		5.2	10	10	0.928	10	10	6.19 No	0.928 Thermal Discharging
RIV064	189	'5389415_/_5389412'		2.67	6.67	6.67	0.616	1	6.67	4.12 No	0.616 Thermal Discharging
RIV064	190	'43696973_/_5358957'		4.3	10	10	0.928	3.5	10	6.19 No	0.928 Thermal Discharging
RIV064	191	'5387237_/_43703386'		1.5	3.33	3.33	0.312	0.5	3.33	2.06 No	0.312 Thermal Discharging
RIV064	192	'450334155_/_450334275_2'		5	10	10	0.928	1.4	10	6.19 No	0.928 Thermal Discharging
RIV064	193	'6269171_/_6269184'		3.3	10	10	0.928	1.5	10	6.19 No	0.928 Thermal Discharging
RIV064	194	'5396252_/_5396249'		1.2	3.33	3.33	0.312	0.5	3.33	2.06 No	0.312 Thermal Discharging
RIV064	195	'8033293_/_8033307'		1.3	3.33	3.33	0.312	0.5	3.33	2.06 No	0.312 Thermal Discharging
RIV064	196	'43882438_/_6269129'		1.3	3.33	3.33	0.312	0.5	3.33	2.06 No	0.312 Thermal Discharging
RIV064	197	'43707812_/_5413307'		4.7	10	10	0.928	1.5	10	6.19 No	0.928 Thermal Discharging
RIV064	198	'5364179_/_5364193'		5.2	10	10	0.928	10	10	6.19 No	0.928 Thermal Discharging
RIV064	199	'5389449_/_5389446'		2.6	6.67	6.67	0.616	1	6.67	4.12 No	0.616 Thermal Discharging
RIV064	200	'5358923_/_5358940'		4.2	10	10	0.928	3.5	10	6.19 No	0.928 Thermal Discharging
RIV064	201	'5384493_/_5384490'		1.17	3.33	3.33	0.312	0.5	3.33	2.06 No	0.312 Thermal Discharging
RIV064	202	'5364162_/_5364176'		5.1	10	10	0.928	10	10	6.19 No	0.928 Thermal Discharging
RIV064	203	'43707851_/_5413418'		4.4	10	10	0.928	1.5	10	6.19 No	0.928 Thermal Discharging
RIV064	204	'7710916_/_9602825'		1.23	3.33	3.33	0.312	0.5	3.33	2.06 No	0.312 Thermal Discharging
RIV064	205	'43704069_/_5389430'		1.33	3.33	3.33	0.312	0.5	3.33	2.06 No	0.312 Thermal Discharging
RIV064	206	'5358907_/_5358920'		4.1	10	10	0.928	3.5	10	6.19 No	0.928 Thermal Discharging
RIV064	207	'8033294_/_8033291'		1.23	3.33	3.33	0.312	0.5	3.33	2.06 No	0.312 Thermal Discharging
RIV064	208	'5358606_/_5364159'		5	10	10	0.928	10	10	6.19 No	0.928 Thermal Discharging
RIV064	209	'6269357_/_6269367'		1.07	3.33	3.33	0.312	0.5	3.33	2.06 No	0.312 Thermal Discharging
RIV064	210	'5353868_/_5358603'		5	10	10	0.928	10	10	6.19 No	0.928 Thermal Discharging
RIV064	211	'5358894_/_5358891_2'		1.33	3.33	3.33	0.312	1.1	3.33	2.06 No	0.312 Thermal Discharging
RIV064	212	'70276512_/_5358036_2'		1.63	3.33	3.33	0.312	1	3.33	2.06 No	0.312 Thermal Discharging
RIV064	213	'5364128_/_5364142'		4.9	10	10	0.928	10	10	6.19 No	0.928 Thermal Discharging
RIV064	214	'5387250_/_5387247'		1.37	3.33	3.33	0.312	0.5	3.33	2.06 No	0.312 Thermal Discharging
RIV064	215	'43707799_/_5413270'		4.4	10	10	0.928	4.7	10	6.19 No	0.928 Thermal Discharging
RIV064	216	'43697012_/_5359045'		1.23	3.33	3.33	0.312	0.5	3.33	2.06 No	0.312 Thermal Discharging
RIV064	217	'55324278_/_55324256_1'		4.4	10	10	0.928	0.9	10	6.19 No	0.9 Element Fault
RIV064	218	'6269341_/_7090736'		1.1	3.33	3.33	0.312	0.5	3.33	2.06 No	0.312 Thermal Discharging
RIV064	219	'8655329_/_450334159'		4.4	10	10	0.928	1.4	10	6.19 No	0.928 Thermal Discharging
RIV064	220	'52155152_/_50622606'		3	10	10	0.928	1.5	10	6.19 No	0.928 Thermal Discharging
RIV064	221	'5389433_/_43704071'		1.27	3.33	3.33	0.312	0.5	3.33	2.06 No	0.312 Thermal Discharging
RIV064	222	'6269103_/_6269113'		1.17	3.33	3.33	0.312	0.5	3.33	2.06 No	0.312 Thermal Discharging
RIV064	223	'5364111_/_5364125'		4.8	10	10	0.928	10	10	6.19 No	0.928 Thermal Discharging
RIV064	224	'5413310_/_43707814'		4.2	10	10	0.928	1.5	10	6.19 No	0.928 Thermal Discharging
RIV064	225	'43704080_/_5389464'		2.33	6.67	6.67	0.616	1	6.67	4.12 No	0.616 Thermal Discharging
RIV064	226	'8034350_/_8349963_1'		4.2	10	10	0.928	0.9	10	6.19 No	0.9 Element Fault
RIV064	227	'8348941_/_9602841'		1.13	3.33	3.33	0.312	0.5	3.33	2.06 No	0.312 Thermal Discharging
RIV064	228	'5359949_/_5359946'		3.8	10	10	0.928	3.5	10	6.19 No	0.928 Thermal Discharging
RIV064	229	'5358881_/_5358891_1'		1.27	3.33	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	230	'5364091_/_5364108'		4.7	10	10	0.928	10	10	6.19 No	0.928 Thermal Discharging
RIV064	231	'123165302_/_7095330_1'		4.6	10	10	0.928	2.6	10	6.19 No	0.928 Thermal Discharging
RIV064	232	'43702614_/_5384503'		1.07	3.33	3.33	0.312	0.5	3.33	2.06 No	0.312 Thermal Discharging
RIV064	233	'55324249_/_55324256_2'		4.2	10	10	0.928	0.9	10	6.19 No	0.9 Element Fault
RIV064	234	'5389485_/_43704082'		1.17	3.33	3.33	0.312	0.5	3.33	2.06 No	0.312 Thermal Discharging
RIV064	235	'5413421_/_43707853'		3.9	10	10	0.928	0.9	10	6.19 No	0.9 Element Fault
RIV064	236	'8349966_/_8349963_2'		4	10	10	0.928	0.9	10	6.19 No	0.9 Element Fault
RIV064	237	'5364074_/_5364088'		4.6	10	10	0.928	10	10	6.19 No	0.928 Thermal Discharging
RIV064	238	'7397291_/_7710913'		1.1	3.33	3.33	0.312	0.5	3.33	2.06 No	0.312 Thermal Discharging
RIV064	239	'118539697_/_5364071_2'		4.6	10	10	0.928	10	10	6.19 No	0.928 Thermal Discharging
RIV064	240	'6269328_/_6269338'		1.03	3.33	3.33	0.312	0.5	3.33	2.06 No	0.312 Thermal Discharging
RIV064	241	'43707721_/_7095330_2'		4.4	10	10	0.928	2.6	10	6.19 No	0.928 Thermal Discharging
RIV064	242	'5387263_/_5387260'		1.27	3.33	3.33	0.312	0.5	3.33	2.06 No	0.312 Thermal Discharging
RIV064	243	'52155153_/_50622636'		2.8	10	10	0.928	1.5	10	6.19 No	0.928 Thermal Discharging
RIV064	244	'52155113_/_50622711_1'		2.8	10	10	0.928	0.9	10	6.19 No	0.9 Element Fault
RIV064	245	'6269089_/_6269100'		1.1	3.33	3.33	0.312	0.5	3.33	2.06 No	0.312 Thermal Discharging
RIV064	246	'52155168_/_50622711_2'		2.8	10	10	0.928	0.9	10	6.19 No	0.9 Element Fault
RIV064	247	'5413327_/_5413324'		3.7	10	10	0.928	1.5	10	6.19 No	0.928 Thermal Discharging
RIV064	248	'5359119_/_5359966'		3.5	10	10	0.928	3.5	10	6.19 No	0.928 Thermal Discharging
RIV064	249	'8348942_/_8348939'		1.07	3.33	3.33	0.312	0.5	3.33	2.06 No	0.312 Thermal Discharging
RIV064	250	'43697023_/_43697025'		1.13	3.33	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	251	'43697011_/_5359058'		1.1	3.33	3.33	0.312	0.5	3.33	2.06 No	0.312 Thermal Discharging
RIV064	252	'5384519_/_5384516'		0.97	3.33	3.33	0.312	0.5	3.33	2.06 No	0.312 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Over-Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RIV064	253	'5359103_/_5359100_2'		1.13	3.33	3.33	0.312	1.1	3.33	2.06 No	0.312 Thermal Discharging
RIV064	254	'6269315_/_6269325'		0.97	3.33	3.33	0.312	0.5	3.33	2.06 No	0.312 Thermal Discharging
RIV064	255	'43882572_/_43882574'		0.9	3.33	3.33	0.312	0.5	3.33	2.06 No	0.312 Thermal Discharging
RIV064	256	'8033326_/_9602857_1'		0.97	3.33	3.33	0.312	0.5	3.33	2.06 No	0.312 Thermal Discharging
RIV064	257	'7711618_/_7711615'		3.5	10	10	0.928	0.9	10	6.19 No	0.9 Element Fault
RIV064	258	'43703421_/_5387273'		1.17	3.33	3.33	0.312	0.5	3.33	2.06 No	0.312 Thermal Discharging
RIV064	259	'43707708_/_5413230'		3.9	10	10	0.928	2.6	10	6.19 No	0.928 Thermal Discharging
RIV064	260	'43697034_/_5359100_1'		1.1	3.33	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	261	'43882449_/_6269087'		1	3.33	3.33	0.312	0.5	3.33	2.06 No	0.312 Thermal Discharging
RIV064	262	'5384532_/_5384529'		0.93	3.33	3.33	0.312	0.5	3.33	2.06 No	0.312 Thermal Discharging
RIV064	263	'5413344_/_5413341'		3.4	10	10	0.928	1.5	10	6.19 No	0.928 Thermal Discharging
RIV064	264	'5359986_/_5359983'		3.2	10	10	0.928	3.5	10	6.19 No	0.928 Thermal Discharging
RIV064	265	'6269314_/_43882550'		0.9	3.33	3.33	0.312	0.5	3.33	2.06 No	0.312 Thermal Discharging
RIV064	266	'5358855_/_5358865'		1.07	3.33	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	267	'123165211_/_43707710'		3.7	10	10	0.928	2.6	10	6.19 No	0.928 Thermal Discharging
RIV064	268	'7397290_/_7397288'		0.97	3.33	3.33	0.312	0.5	3.33	2.06 No	0.312 Thermal Discharging
RIV064	269	'123165411_/_123165209_1'		3.7	10	10	0.928	1.8	10	6.19 No	0.928 Thermal Discharging
RIV064	270	'5384545_/_5384542'		0.87	3.33	3.33	0.312	0.5	3.33	2.06 No	0.312 Thermal Discharging
RIV064	271	'43707695_/_123165484'		3.5	10	10	0.928	2.6	10	6.19 No	0.928 Thermal Discharging
RIV064	272	'6269090_/_43882451'		0.93	3.33	3.33	0.312	0.5	3.33	2.06 No	0.312 Thermal Discharging
RIV064	273	'5359200_/_5360000'		3	10	10	0.928	3.5	10	6.19 No	0.928 Thermal Discharging
RIV064	274	'5413253_/_7711595_1'		3.5	10	10	0.928	0.8	10	6.19 No	0.8 Element Fault
RIV064	275	'43707825_/_5413364'		3.2	10	10	0.928	1.5	10	6.19 No	0.928 Thermal Discharging
RIV064	276	'5387289_/_43703423'		1.03	3.33	3.33	0.312	0.5	3.33	2.06 No	0.312 Thermal Discharging
RIV064	277	'5347495_/_5359087'		0.97	3.33	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	278	'6269356_/_6269354'		0.8	3.33	3.33	0.312	0.5	3.33	2.06 No	0.312 Thermal Discharging
RIV064	279	'5359184_/_43697047_2'		0.97	3.33	3.33	0.312	0.9	3.33	2.06 No	0.312 Thermal Discharging
RIV064	280	'43696940_/_5358852'		0.97	3.33	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	281	'5387331_/_5387328'		1	3.33	3.33	0.312	0.5	3.33	2.06 No	0.312 Thermal Discharging
RIV064	282	'123165198_/_123165209_2'		3.3	10	10	0.928	1.8	10	6.19 No	0.928 Thermal Discharging
RIV064	283	'5360020_/_5360017'		2.8	10	10	0.928	3.5	10	6.19 No	0.928 Thermal Discharging
RIV064	284	'5360040_/_5360050_1'		0.93	3.33	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	285	'5413367_/_43707827'		3	10	10	0.928	1.5	10	6.19 No	0.928 Thermal Discharging
RIV064	286	'5384558_/_5384555'		0.83	3.33	3.33	0.312	0.5	3.33	2.06 No	0.312 Thermal Discharging
RIV064	287	'5387302_/_5387299'		1	3.33	3.33	0.312	0.5	3.33	2.06 No	0.312 Thermal Discharging
RIV064	288	'123165242_/_123165253'		3.2	10	10	0.928	1.8	10	6.19 No	0.928 Thermal Discharging
RIV064	289	'43703445_/_5387341'		0.97	3.33	3.33	0.312	0.5	3.33	2.06 No	0.312 Thermal Discharging
RIV064	290	'5347705_/_5360264'		1.87	6.67	6.67	0.616	2.33	6.67	4.12 No	0.616 Thermal Discharging
RIV064	291	'43697045_/_43697047_1'		0.9	3.33	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	292	'5359278_/_5359275_2'		0.93	3.33	3.33	0.312	1.1	3.33	2.06 No	0.312 Thermal Discharging
RIV064	293	'5347482_/_5347492'		0.9	3.33	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	294	'7711598_/_7711595_2'		3.1	10	10	0.928	0.8	10	6.19 No	0.8 Element Fault
RIV064	295	'5358737_/_5358735'		0.9	3.33	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	296	'5384571_/_5384568'		0.77	3.33	3.33	0.312	0.5	3.33	2.06 No	0.312 Thermal Discharging
RIV064	297	'5387315_/_5387312'		0.93	3.33	3.33	0.312	0.5	3.33	2.06 No	0.312 Thermal Discharging
RIV064	298	'5347706_/_5347703'		1.93	6.67	6.67	0.616	2.33	6.67	4.12 No	0.616 Thermal Discharging
RIV064	299	'5387344_/_43703447'		0.93	3.33	3.33	0.312	0.5	3.33	2.06 No	0.312 Thermal Discharging
RIV064	300	'43697078_/_5359275_1'		0.97	3.33	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	301	'5360053_/_5360050_2'		0.97	3.33	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	302	'43699176_/_5347479'		0.87	3.33	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	303	'5347666_/_5368977'		1.87	6.67	6.67	0.616	2.33	6.67	4.12 No	0.616 Thermal Discharging
RIV064	304	'5347667_/_5347677_1'		0.93	3.33	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	305	'5368995_/_5368992'		1.87	6.67	6.67	0.616	2.33	6.67	4.12 No	0.616 Thermal Discharging
RIV064	306	'5365634_/_5365644'		0.83	3.33	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	307	'5347680_/_5347677_2'		0.93	3.33	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	308	'5384584_/_5384581'		0.73	3.33	3.33	0.312	0.5	3.33	2.06 No	0.312 Thermal Discharging
RIV064	309	'5359252_/_5359262'		0.93	3.33	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	310	'5360160_/_5360157'		0.9	3.33	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	311	'5360287_/_5369007'		1.8	6.67	6.67	0.616	2.33	6.67	4.12 No	0.616 Thermal Discharging
RIV064	312	'5346997_/_5347466'		0.8	3.33	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	313	'5359507_/_5360285'		1.8	6.67	6.67	0.616	2.33	6.67	4.12 No	0.616 Thermal Discharging
RIV064	314	'5359158_/_5359168'		0.8	3.33	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	315	'5359239_/_5359249'		0.9	3.33	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	316	'43697144_/_5360063'		0.87	3.33	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	317	'5359508_/_5359518_1'		0.9	3.33	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	318	'5359521_/_5359518_2'		0.9	3.33	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	319	'43698399_/_5365631'		0.8	3.33	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	320	'43697188_/_5347690'		0.87	3.33	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	321	'43697166_/_5360170'		0.87	3.33	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	322	'5359226_/_5359236'		0.87	3.33	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	323	'5360303_/_5360300'		1.73	6.67	6.67	0.616	2.33	6.67	4.12 No	0.616 Thermal Discharging
RIV064	324	'5346996_/_5346994'		0.77	3.33	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	325	'5347654_/_5369022'		0.87	3.33	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	326	'5359615_/_5360315'		1.67	6.67	6.67	0.616	2.33	6.67	4.12 No	0.616 Thermal Discharging
RIV064	327	'43698649_/_5367112'		0.83	3.33	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	328	'5359628_/_5359638_1'		0.83	3.33	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	329	'5360186_/_43697168'		0.83	3.33	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	330	'5360079_/_5360076'		0.83	3.33	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	331	'5359599_/_5359596_2'		0.83	3.33	3.33	0.312	1.1	3.33	2.06 No	0.312 Thermal Discharging
RIV064	332	'43697256_/_5359638_2'		0.87	3.33	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	333	'5359333_/_43697190'		0.83	3.33	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	334	'5359145_/_5359155'		0.73	3.33	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	335	'5359495_/_5361014'		0.83	3.33	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	336	'5350632_/_5350642'		0.73	3.33	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	337	'5359657_/_5359654'		0.87	3.33	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	338	'5360199_/_5360196'		0.8	3.33	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	339	'43697067_/_5359223'		0.8	3.33	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	340	'5359670_/_5359667'		0.87	3.33	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	341	'5359533_/_5367125'		0.8	3.33	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	342	'5360212_/_5360209'		0.8	3.33	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	343	'5361056_/_5361053'		0.87	3.33	3.33	0.312	1.17	3.33	2.06 No	0.312 Thermal Discharging
RIV064	344	'43697089_/_43697091'		0.8	3.33	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	345	'43697267_/_5359680'		0.87	3.33	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	346	'43697122_/_5359596_1'		0.87	3.33	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RIV064	347	'5360225_/_5360222'		0.8	3.33	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	348	'5359349_/_5359346'		0.8	3.33	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	349	'5359696_/_5359693'		0.87	3.33	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	350	'43695772_/_5350629'		0.7	3.33	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	351	'5359482_/_5359492'		0.8	3.33	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	352	'5358750_/_5359210'		0.77	3.33	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	353	'5359307_/_5359317'		0.77	3.33	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	354	'5359709_/_5359706'		0.87	3.33	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	355	'5360092_/_5360089'		0.77	3.33	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	356	'5359825_/_5361071'		0.87	3.33	3.33	0.312	1.17	3.33	2.06 No	0.312 Thermal Discharging
RIV064	357	'43697177_/_5360235'		0.77	3.33	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	358	'5359534_/_5359531'		0.77	3.33	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	359	'5359826_/_5359836_1'		0.87	3.33	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	360	'5365605_/_5365615'		0.7	3.33	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	361	'43698432_/_5359719'		0.87	3.33	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	362	'5347023_/_5358748'		0.77	3.33	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	363	'43697199_/_5359359'		0.77	3.33	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	364	'5359839_/_5359836_2'		0.87	3.33	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	365	'5359735_/_5359732'		0.87	3.33	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	366	'5359573_/_5359583'		0.83	3.33	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	367	'43697100_/_43697102'		0.77	3.33	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	368	'5359748_/_5359745'		0.87	3.33	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	369	'43697056_/_43697058'		0.67	3.33	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	370	'5358763_/_5359304'		0.73	3.33	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	371	'43697182_/_43697179'		0.73	3.33	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	372	'5360333_/_5360330'		0.83	3.33	3.33	0.312	1.17	3.33	2.06 No	0.312 Thermal Discharging
RIV064	373	'5359852_/_5359849'		0.83	3.33	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	374	'5359761_/_5359758'		0.87	3.33	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	375	'5360105_/_5360102'		0.73	3.33	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	376	'5350606_/_5350616'		0.67	3.33	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	377	'5359375_/_5359372'		0.73	3.33	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	378	'43697133_/_43697135'		0.83	3.33	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	379	'7095638_/_7095635'		0.87	3.33	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	380	'5368741_/_5368738'		0.73	3.33	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	381	'5347022_/_5347020'		0.73	3.33	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	382	'5359456_/_5359466'		0.73	3.33	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	383	'5360349_/_5360346'		0.83	3.33	3.33	0.312	1.17	3.33	2.06 No	0.312 Thermal Discharging
RIV064	384	'5359800_/_5359810'		0.83	3.33	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	385	'43697111_/_43697113'		0.8	3.33	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	386	'5359787_/_5359797'		0.83	3.33	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	387	'5347036_/_5358761'		0.7	3.33	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	388	'5360361_/_5360936'		0.8	3.33	3.33	0.312	1.17	3.33	2.06 No	0.312 Thermal Discharging
RIV064	389	'43697278_/_5359862'		0.8	3.33	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	390	'5359774_/_5359784'		0.83	3.33	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	391	'5350593_/_5350603'		0.63	3.33	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	392	'5359388_/_5359385'		0.7	3.33	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	393	'5360362_/_5360375_1'		0.8	3.33	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	394	'5360378_/_5360375_2'		0.8	3.33	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	395	'5350924_/_5350934'		0.7	3.33	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	396	'43697245_/_5368751'		0.7	3.33	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	397	'43696962_/_43696964'		0.8	3.33	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	398	'5358776_/_5359453'		0.7	3.33	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	399	'5346858_/_5365602'		0.63	3.33	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	400	'5350580_/_5350590'		0.63	3.33	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	401	'5360952_/_5360949'		0.8	3.33	3.33	0.312	1.17	3.33	2.06 No	0.312 Thermal Discharging
RIV064	402	'5359131_/_5359129'		0.6	3.33	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	403	'43697155_/_5360115'		0.67	3.33	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	404	'5347035_/_5347033'		0.7	3.33	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	405	'5358789_/_5359557'		0.77	3.33	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	406	'5347049_/_5358774'		0.7	3.33	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	407	'5359401_/_5359398'		0.67	3.33	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	408	'5358802_/_5359771'		0.8	3.33	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	409	'5360965_/_5360962'		0.77	3.33	3.33	0.312	1.17	3.33	2.06 No	0.312 Thermal Discharging
RIV064	410	'43697432_/_5360388'		0.77	3.33	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	411	'43695849_/_5350921'		0.67	3.33	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	412	'5359878_/_5359875'		0.77	3.33	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	413	'5347075_/_5358800'		0.77	3.33	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	414	'5347010_/_5361040'		0.6	3.33	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	415	'43695761_/_5350577'		0.6	3.33	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	416	'5368754_/_43697247'		0.67	3.33	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	417	'5360131_/_43697157'		0.67	3.33	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	418	'43695949_/_43695951'		0.67	3.33	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	419	'5361003_/_5361001'		0.77	3.33	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	420	'5347074_/_5347072'		0.77	3.33	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	421	'5360978_/_5360975_1'		0.77	3.33	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	422	'5347062_/_5358787'		0.73	3.33	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	423	'5360550_/_5360975_2'		0.77	3.33	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	424	'43697221_/_5359411'		0.67	3.33	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	425	'5346845_/_5346855'		0.6	3.33	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	426	'5350898_/_5350908'		0.63	3.33	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	427	'43696026_/_43696028'		0.77	3.33	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	428	'5360404_/_5360401'		0.73	3.33	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	429	'43697289_/_5359888'		0.73	3.33	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	430	'5346925_/_5346923'		0.57	3.33	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	431	'5354854_/_5354864'		0.73	3.33	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	432	'5360537_/_5360547'		0.73	3.33	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	433	'5360144_/_5360141'		0.63	3.33	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	434	'5351274_/_5351284'		0.63	3.33	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	435	'43695993_/_5347059'		0.7	3.33	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	436	'5367089_/_5367099'		0.73	3.33	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	437	'5350882_/_5350895'		0.63	3.33	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	438	'5347009_/_5347007'		0.53	3.33	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	439	'5360417_/_5360414'		0.7	3.33	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	440	'5354841_/_5354851'		0.73	3.33	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RIV064	441	'43699244_/_5369142'		0.73	3.33	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	442	'5359427_/_43697223'		0.63	3.33	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	443	'5359891_/_43697291'		0.7	3.33	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	444	'43695728_/_5346842'		0.57	3.33	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	445	'5365858_/_5365868'		0.57	3.33	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	446	'43696015_/_5354838'		0.73	3.33	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	447	'5360524_/_5360534'		0.7	3.33	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	448	'43697311_/_5367086'		0.7	3.33	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	449	'5351261_/_5351271'		0.63	3.33	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	450	'5351540_/_5354825'		0.73	3.33	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	451	'5360430_/_5360427'		0.7	3.33	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	452	'5369158_/_5369155'		0.7	3.33	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	453	'43697210_/_5359440'		0.6	3.33	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	454	'5351433_/_5351443'		0.67	3.33	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	455	'5351527_/_5351537'		0.7	3.33	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	456	'43697344_/_43697346'		0.67	3.33	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	457	'5351260_/_5351258'		0.6	3.33	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	458	'5350869_/_5350879'		0.57	3.33	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	459	'5360562_/_5369168'		0.67	3.33	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	460	'5358815_/_5367073'		0.67	3.33	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	461	'5387649_/_7095475'		0.6	3.33	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	462	'5350778_/_5350788'		0.5	3.33	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	463	'5351420_/_5351430'		0.67	3.33	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	464	'5351514_/_5351524'		0.7	3.33	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	465	'43697322_/_5360440'		0.67	3.33	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	466	'5346910_/_5365855'		0.5	3.33	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	467	'5360498_/_5360508'		0.67	3.33	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	468	'43696004_/_43696006'		0.7	3.33	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	469	'5346819_/_5346829'		0.5	3.33	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	470	'5360563_/_5360560'		0.67	3.33	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	471	'5351419_/_5351417'		0.63	3.33	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	472	'43695938_/_5358062'		0.57	3.33	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	473	'5347088_/_5358813'		0.63	3.33	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	474	'44872723_/_5351498'		0.67	3.33	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	475	'5360443_/_43697324'		0.63	3.33	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	476	'5358828_/_5360495'		0.63	3.33	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	477	'5387650_/_5387647'		0.57	3.33	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	478	'43697355_/_5360576'		0.63	3.33	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	479	'43695982_/_5358075'		0.6	3.33	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	480	'5347087_/_5347085'		0.63	3.33	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	481	'43695805_/_5350775'		0.47	3.3	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	482	'43703604_/_5387663'		0.53	3.33	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	483	'5387666_/_8974827_2'		0.53	3.33	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	484	'5351248_/_5358101'		0.57	3.33	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	485	'43695838_/_5350866'		0.53	3.33	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	486	'5347101_/_5358826'		0.63	3.33	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	487	'43695750_/_5346907'		0.47	3.33	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	488	'43696575_/_5357073'		0.6	3.33	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	489	'5346806_/_5346816'		0.47	3.3	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	490	'5360579_/_43697357'		0.6	3.33	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	491	'5351407_/_5358088'		0.6	3.33	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	492	'8974830_/_8974827_1'		0.53	3.33	3.33	0.312	0.2	3.33	2.06 No	0.2 Element Fault
RIV064	493	'43696597_/_5347098'		0.6	3.33	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	494	'5351232_/_5351245'		0.53	3.33	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	495	'5357050_/_5357060'		0.6	3.33	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	496	'5351300_/_5351310'		0.53	3.33	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	497	'5350752_/_5350762'		0.43	3.1	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	498	'5351394_/_5351404'		0.57	3.33	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	499	'5357037_/_5357047'		0.57	3.33	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	500	'5357170_/_5357180'		0.57	3.33	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	501	'5346793_/_5346803'		0.43	3.1	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	502	'5351231_/_5351229'		0.5	3.23	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	503	'5351031_/_5351297'		0.5	3.23	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	504	'43695749_/_5346894'		0.43	3.13	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	505	'5350843_/_5350853'		0.5	3.13	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	506	'43696564_/_5357034'		0.57	3.27	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	507	'5351381_/_5351391'		0.53	3.2	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	508	'5357157_/_5357167'		0.57	3.23	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	509	'5367140_/_5367138'		0.5	3.13	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	510	'43695905_/_5351041'		0.5	3.13	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	511	'5350739_/_5350749'		0.43	2.9	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	512	'43695894_/_5351028'		0.5	3.1	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	513	'43696563_/_5357021'		0.53	3.17	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	514	'5351380_/_5351378'		0.53	3.1	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	515	'43695717_/_5346790'		0.43	2.93	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	516	'5357141_/_5357154'		0.53	3.17	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	517	'43695910_/_43695907'		0.47	3.03	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	518	'5350738_/_5350736'		0.4	2.8	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	519	'5350830_/_5350840'		0.47	2.9	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	520	'43695882_/_43695884'		0.47	3	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	521	'43696586_/_5357138'		0.53	3.03	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	522	'5357115_/_5357125'		0.5	2.97	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	523	'5346767_/_5346777'		0.4	2.73	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	524	'5351072_/_5351070'		0.47	2.87	3.33	0.312	0.1	3.33	2.06 No	0.1 Element Fault
RIV064	525	'43699154_/_5368925'		0.4	2.67	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	526	'8974085_/_8974083'		0.43	2.83	3.33	0.312	0.1	3.33	2.06 No	0.1 Element Fault
RIV064	527	'5357102_/_5357112'		0.5	2.87	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	528	'43695827_/_5350827'		0.43	2.7	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	529	'5357089_/_5357099'		0.47	2.8	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	530	'5346754_/_5346764'		0.37	2.57	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	531	'5350726_/_5368912'		0.37	2.53	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	532	'43695826_/_5350814'		0.4	2.57	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	533	'5357088_/_5357086'		0.47	2.73	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	534	'5350713_/_5350723'		0.33	2.4	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Over-Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RIV064	535	'43695706_/43695708'		0.33	2.4	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	536	'5350700_/5350710'		0.33	2.3	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	537	'5353458_/5353468'		0.33	2.27	3.33	0.312	0.3	3.33	2.06 No	0.3 Element Fault
RIV064	538	'43695794_/5350697'		0.3	2.2	3.33	0.312	0.3	3.33	2.06 No	0.3 Primary Over-Voltage
RIV064	539	'5353445_/5353455'		0.3	2.17	3.33	0.312	0.3	3.33	2.06 No	0.3 Primary Over-Voltage
RIV064	540	'43695793_/5350684'		0.3	2.1	3.33	0.312	0.3	3.33	2.06 No	0.3 Primary Over-Voltage
RIV064	541	'5353432_/5353442'		0.3	2.1	3.33	0.312	0.3	3.31	2.06 No	0.3 Primary Over-Voltage
RIV064	542	'5353419_/5353429'		0.3	1.97	3.33	0.312	0.3	3.14	2.06 No	0.3 Primary Over-Voltage
RIV064	543	'43695381_/5353416'		0.27	1.9	3.33	0.312	0.3	3.01	2.06 No	0.27 Primary Over-Voltage
RIV064	544	'43695380_/5353403'		0.27	1.8	3.33	0.312	0.3	2.88	2.06 No	0.27 Primary Over-Voltage
RIV065	0	'RIV065_/7740905'		10	10	10	1.672	10	10	10 No	1.672 Thermal Discharging
RIV065	1	'7444555_/7740905'		10	10	10	1.672	10	10	10 No	1.672 Thermal Discharging
RIV065	2	'7444554_/7444552'		10	10	10	1.672	10	10	10 No	1.672 Thermal Discharging
RIV065	3	'8393309_/8393306'		10	10	10	1.672	10	10	10 No	1.672 Thermal Discharging
RIV065	4	'8078921_/9025039'		10	10	10	1.672	10	10	10 No	1.672 Thermal Discharging
RIV065	5	'8078882_/8078919'		10	10	10	1.672	10	10	10 No	1.672 Thermal Discharging
RIV065	6	'7757602_/8078879'		10	10	10	1.672	10	10	10 No	1.672 Thermal Discharging
RIV065	7	'7757601_/7757599'		10	10	10	1.672	10	10	10 No	1.672 Thermal Discharging
RIV065	8	'8078721_/8078719'		10	10	10	1.672	10	10	10 No	1.672 Thermal Discharging
RIV065	9	'9024842_/9337400'		10	10	10	1.672	10	10	10 No	1.672 Thermal Discharging
RIV065	10	'8078802_/9024839'		10	10	10	1.672	10	10	10 No	1.672 Thermal Discharging
RIV065	11	'8078841_/325309259'		10	10	10	1.672	10	10	10 No	1.672 Thermal Discharging
RIV065	12	'8393148_/8393146'		10	10	10	1.672	10	10	10 No	1.672 Thermal Discharging
RIV065	13	'9369652_/9369650'		10	10	10	1.672	10	10	10 No	1.672 Thermal Discharging
RIV065	14	'8701031_/9647751'		10	10	10	1.672	10	10	10 No	1.672 Thermal Discharging
RIV065	15	'8701030_/8701028'		10	10	10	1.672	10	10	10 No	1.672 Thermal Discharging
RIV065	16	'9020831_/9020829'		10	10	10	1.672	10	10	10 No	1.672 Thermal Discharging
RIV065	17	'9020812_/9647191'		10	10	10	1.672	10	10	10 No	1.672 Thermal Discharging
RIV065	18	'9020811_/9020809'		10	10	10	1.672	10	10	10 No	1.672 Thermal Discharging
RIV065	19	'9020792_/9647171'		10	10	10	1.672	10	10	10 No	1.672 Thermal Discharging
RIV065	20	'8390601_/9020789'		10	10	10	1.672	10	10	10 No	1.672 Thermal Discharging
RIV065	21	'8390501_/8390598'		10	10	10	1.672	10	10	10 No	1.672 Thermal Discharging
RIV065	22	'8390500_/8390498'		10	10	10	1.672	10	10	10 No	1.672 Thermal Discharging
RIV065	23	'9334239_/9334256'		10	10	10	1.672	10	10	10 No	1.672 Thermal Discharging
RIV065	24	'8075734_/9334236'		10	10	10	1.672	10	10	10 No	1.672 Thermal Discharging
RIV065	25	'8075733_/8075731'		10	10	10	1.672	10	10	10 No	1.672 Thermal Discharging
RIV065	26	'313615395_/322760063'		10	10	10	1.672	10	10	10 No	1.672 Thermal Discharging
RIV065	27	'313615378_/316279184'		10	10	10	1.672	10	10	10 No	1.672 Thermal Discharging
RIV065	28	'313615377_/316279160'		10	10	10	1.672	4.9	10	10 No	1.672 Thermal Discharging
RIV065	29	'313615383_/316279168'		10	10	10	1.672	10	10	10 No	1.672 Thermal Discharging
RIV065	30	'313615389_/316279176'		10	10	10	1.672	10	10	10 No	1.672 Thermal Discharging
RIV065	31	'7754819_/7754817'		10	10	10	1.672	10	10	10 No	1.672 Thermal Discharging
RIV065	32	'7441297_/8700808'		10	10	10	1.672	10	10	10 No	1.672 Thermal Discharging
RIV065	33	'7441296_/7441294'		10	10	10	1.672	10	10	10 No	1.672 Thermal Discharging
RIV065	34	'7441817_/8076091'		10	10	10	1.672	10	10	10 No	1.672 Thermal Discharging
RIV065	35	'88917427_/88917384'		10	10	10	1.672	10	10	10 No	1.672 Thermal Discharging
RIV065	36	'7441816_/7441814'		10	10	10	1.672	10	10	10 No	1.672 Thermal Discharging
RIV065	37	'8076034_/8076071'		10	10	10	1.672	10	10	10 No	1.672 Thermal Discharging
RIV065	38	'420727985_/316279314'		10	10	10	1.672	4.9	10	10 No	1.672 Thermal Discharging
RIV065	39	'7441797_/8076031'		10	10	10	1.672	10	10	10 No	1.672 Thermal Discharging
RIV065	40	'7441796_/7441794'		10	10	10	1.672	10	10	10 No	1.672 Thermal Discharging
RIV065	41	'7441236_/7441834'		10	10	10	1.672	10	10	10 No	1.672 Thermal Discharging
RIV065	42	'7754491_/316279366'		10	10	10	1.672	4.9	10	10 No	1.672 Thermal Discharging
RIV065	43	'8390740_/8390738'		10	10	10	1.672	10	10	10 No	1.672 Thermal Discharging
RIV065	44	'8075994_/9647531'		10	10	10	1.672	8.6	10	10 No	1.672 Thermal Discharging
RIV065	45	'118463885_/118463891'		10	10	10	1.672	10	10	10 No	1.672 Thermal Discharging
RIV065	46	'118463090_/118464065'		10	10	10	1.672	10	10	10 No	1.672 Thermal Discharging
RIV065	47	'118463115_/37963429'		10	10	10	1.672	10	10	10 No	1.672 Thermal Discharging
RIV065	48	'8075993_/8075991'		10	10	10	1.672	8.6	10	10 No	1.672 Thermal Discharging
RIV065	49	'118463170_/9334756'		10	10	10	1.672	6	10	10 No	1.672 Thermal Discharging
RIV065	50	'9021272_/9334696'		10	10	10	1.672	8.6	10	10 No	1.672 Thermal Discharging
RIV065	51	'7755000_/9021269'		10	10	10	1.672	8.6	10	10 No	1.672 Thermal Discharging
RIV065	52	'7754999_/7754997'		10	10	10	1.672	8.6	10	10 No	1.672 Thermal Discharging
RIV065	53	'8124348_/8438323'		10	10	10	1.672	8.6	10	10 No	1.672 Thermal Discharging
RIV065	54	'38032743_/8124346'		10	10	10	1.672	8.6	10	10 No	1.672 Thermal Discharging
RIV065	55	'70586355_/38032797'		10	10	10	1.672	8.6	10	10 No	1.672 Thermal Discharging
RIV065	56	'9073441_/9389262'		10	10	10	1.672	8.6	10	10 No	1.672 Thermal Discharging
RIV065	57	'9073442_/9073439'		10	10	10	1.672	8.6	10	10 No	1.672 Thermal Discharging
RIV065	58	'8076194_/9647811'		10	10	10	1.672	8.6	10	10 No	1.672 Thermal Discharging
RIV065	59	'8076193_/8076191'		9.8	10	10	1.672	8.6	10	10 No	1.672 Thermal Discharging
RIV066	0	'RIV066_/9684026'		10	10	10	0.576	10	10	4.13 No	0.576 Thermal Discharging
RIV066	1	'8078682_/9684026'		10	10	10	0.576	10	10	4.13 No	0.576 Thermal Discharging
RIV066	2	'8078681_/8078679'		10	10	10	0.576	10	10	4.12 No	0.576 Thermal Discharging
RIV066	3	'8393329_/8393326'		10	10	10	0.576	10	10	4.12 No	0.576 Thermal Discharging
RIV066	4	'9025001_/9025019'		10	10	10	0.576	10	10	4.12 No	0.576 Thermal Discharging
RIV066	5	'8704419_/386106946'		10	10	10	0.576	10	10	4.11 No	0.576 Thermal Discharging
RIV066	6	'8704418_/386106927'		10	10	10	0.576	10	10	4.11 No	0.576 Thermal Discharging
RIV066	7	'9337262_/9337260'		10	10	10	0.576	10	10	4.11 No	0.576 Thermal Discharging
RIV066	8	'7444615_/9650673'		10	10	10	0.576	10	10	4.11 No	0.576 Thermal Discharging
RIV066	9	'7444614_/7444612'		10	10	10	0.576	10	10	4.11 No	0.576 Thermal Discharging
RIV066	10	'8078781_/8393186'		10	10	10	0.576	8.5	10	4.1 No	0.576 Thermal Discharging
RIV066	11	'8078782_/8078779'		10	10	10	0.576	8.5	10	4.1 No	0.576 Thermal Discharging
RIV066	12	'8412116_/8412114'		10	10	10	0.576	8.5	10	4.09 No	0.576 Thermal Discharging
RIV066	13	'9021092_/9021409'		10	10	10	0.576	8.5	10	4.09 No	0.576 Thermal Discharging
RIV066	14	'8390621_/9021089'		10	10	10	0.576	8.5	10	4.08 No	0.576 Thermal Discharging
RIV066	15	'8390620_/8390618'		10	10	10	0.576	8.5	10	4.07 No	0.576 Thermal Discharging
RIV066	16	'9020872_/9020889'		10	10	10	0.576	8.5	10	4.06 No	0.576 Thermal Discharging
RIV066	17	'9020871_/9020869'		10	10	10	0.576	8.5	10	4.05 No	0.576 Thermal Discharging
RIV066	18	'7754840_/9334416'		10	10	10	0.576	8.5	10	4.04 No	0.576 Thermal Discharging
RIV066	19	'7754839_/7754837'		10	10	10	0.576	8.5	10	4.04 No	0.576 Thermal Discharging
RIV066	20	'9020851_/9020849'		10	10	10	0.576	8.5	10	4.04 No	0.576 Thermal Discharging
RIV066	21	'9020772_/9647131'		9.4	10	10	0.576	8.5	10	4.04 No	0.576 Thermal Discharging
RIV066	22	'9020771_/9020769'		7.8	10	10	0.576	8.5	10	4.04 No	0.576 Thermal Discharging
RIV066	23	'8700771_/9334316'		6.9	10	10	0.576	8.5	10	4.04 No	0.576 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over- Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RIV066		24 '8700751_/_8700768'		6.7	10	10	0.576	8.5	10	4.04 No	0.576 Thermal Discharging
RIV066		25 '8700750_/_8700748'		6.3	10	10	0.576	8.5	10	4.04 No	0.576 Thermal Discharging
RIV066		26 '8390581_/_9334296'		5.9	10	10	0.576	8.5	10	4.04 No	0.576 Thermal Discharging
RIV066		27 '8076134_/_8390578'		5.6	10	10	0.576	8.5	10	4.04 No	0.576 Thermal Discharging
RIV066		28 '7754980_/_8076131'		5.5	10	10	0.576	8.5	10	4.04 No	0.576 Thermal Discharging
RIV066		29 '7754979_/_7754977'		5.3	10	10	0.576	8.5	10	4.04 No	0.576 Thermal Discharging
RIV066		30 '9021232_/_9647651'		4.9	10	10	0.576	8.5	10	4.04 No	0.576 Thermal Discharging
RIV066		31 '8701131_/_9021229'		4.6	10	10	0.576	8.5	10	4.04 No	0.576 Thermal Discharging
RIV066		32 '7754940_/_8701128'		4.5	10	10	0.576	8.5	10	4.04 No	0.576 Thermal Discharging
RIV066		33 '7754939_/_7754937'		4.4	10	10	0.576	8.5	10	4.04 No	0.576 Thermal Discharging
RIV066		34 '8076014_/_9021189'		4.2	10	10	0.576	8.5	10	4.04 No	0.576 Thermal Discharging
RIV066		35 '7755080_/_8076011'		4.1	10	10	0.576	8.5	10	4.04 No	0.576 Thermal Discharging
RIV066		36 '7755079_/_7755077'		4.1	10	10	0.576	8.5	10	4.04 No	0.576 Thermal Discharging
RIV066		37 '7441677_/_9334656'		4	10	10	0.576	8.5	10	4.04 No	0.576 Thermal Discharging
RIV066		38 '7441676_/_7441674'		3.9	10	10	0.576	8.5	10	4.04 No	0.576 Thermal Discharging
RIV066		39 '7755040_/_7755037'		3.9	10	10	0.576	8.5	10	4.04 No	0.576 Thermal Discharging
RIV066		40 '8390701_/_8701068'		3.8	10	10	0.576	8.5	10	4.04 No	0.576 Thermal Discharging
RIV066		41 '9389244_/_9701272'		3.8	10	10	0.576	8.5	10	4.04 No	0.576 Thermal Discharging
RIV066		42 '8390700_/_8390698'		3.7	10	10	0.576	8.5	10	4.04 No	0.576 Thermal Discharging
RIV066		43 '70586324_/_9389242'		3.6	10	10	0.576	8.5	10	4.04 No	0.576 Thermal Discharging
RIV066		44 '7806304_/_38032734'		3.6	10	10	0.576	8.5	10	4.04 No	0.576 Thermal Discharging
RIV066		45 '8655979_/_9368858'		3.6	10	10	0.576	8.5	10	4.04 No	0.576 Thermal Discharging
RIV066		46 '7806305_/_7806302'		3.4	10	10	0.576	7.9	10	4.04 No	0.576 Thermal Discharging
RIV066		47 '7712296_/_8655976'		3.5	10	10	0.576	8.5	10	4.04 No	0.576 Thermal Discharging
RIV066		48 '7712295_/_7712293'		3.4	10	10	0.576	8.5	10	4.04 No	0.576 Thermal Discharging
RIV066		49 '7441977_/_8755564'		3.2	10	10	0.576	7.9	10	4.04 No	0.576 Thermal Discharging
RIV066		50 '8035084_/_9289545'		3.3	10	10	0.576	8.5	10	4.04 No	0.576 Thermal Discharging
RIV066		51 '7441976_/_7441974'		3.1	10	10	0.576	6.3	10	4.04 No	0.576 Thermal Discharging
RIV066		52 '8035083_/_8035081'		3.2	10	10	0.576	8.5	10	4.04 No	0.576 Thermal Discharging
RIV066		53 '7712256_/_8976541'		3.1	10	10	0.576	8.5	10	4.04 No	0.576 Thermal Discharging
RIV066		54 '8701351_/_8701348'		2.9	10	10	0.576	6.3	10	4.04 No	0.576 Thermal Discharging
RIV066		55 '7712255_/_7712253'		3.1	10	10	0.576	8.5	10	4.04 No	0.576 Thermal Discharging
RIV066		56 '8332246_/_8332244'		3	10	10	0.576	8.5	10	4.04 No	0.576 Thermal Discharging
RIV066		57 '428410399_/_428410464'		2.8	10	10	0.576	8.5	10	4.04 No	0.576 Thermal Discharging
RIV066		58 '428410016_/_428410037'		2.8	10	10	0.576	8.5	10	4.04 No	0.576 Thermal Discharging
RIV066		59 '428410393_/_428410029'		2.8	10	10	0.576	8.5	10	4.04 No	0.576 Thermal Discharging
RIV066		60 '428410381_/_428410013'		2.8	10	10	0.576	4.7	10	4.04 No	0.576 Thermal Discharging
RIV066		61 '470995534_/_428410786'		2.8	10	10	0.576	8.5	10	4.04 No	0.576 Thermal Discharging
RIV066		62 '470994201_/_470995572'		2.8	10	10	0.576	8.5	10	4.04 No	0.576 Thermal Discharging
RIV066		63 '470994194_/_470994046'		2.8	10	10	0.576	8.5	10	4.04 No	0.576 Thermal Discharging
RIV066		64 '470994205_/_470994052'		2.8	10	10	0.576	8.5	10	4.04 No	0.576 Thermal Discharging
RIV066		65 '470994197_/_470994040'		2.8	10	10	0.576	8.5	10	4.04 No	0.576 Thermal Discharging
RIV066		66 '470994127_/_470994034'		2.8	10	10	0.576	8.5	10	4.04 No	0.576 Thermal Discharging
RIV066		67 '471605468_/_471605503'		2.7	10	10	0.576	8.5	10	4.04 No	0.576 Thermal Discharging
RIV066		68 '482545511_/_431681538'		2.7	10	10	0.576	4.7	10	4.04 No	0.576 Thermal Discharging
RIV066		69 '470995091_/_470994099'		2.7	10	10	0.576	8.5	10	4.04 No	0.576 Thermal Discharging
RIV066		70 '470995088_/_470995021'		2.7	10	10	0.576	8.5	10	4.04 No	0.576 Thermal Discharging
RIV066		71 '470995099_/_470995033'		2.7	10	10	0.576	4.6	10	4.04 No	0.576 Thermal Discharging
RIV066		72 '470995095_/_470995027'		2.7	10	10	0.576	4.6	10	4.04 No	0.576 Thermal Discharging
RIV066		73 '470995087_/_470995015'		2.7	10	10	0.576	8.5	10	4.04 No	0.576 Thermal Discharging
RIV066		74 '37912343_/_471605488'		2.7	10	10	0.576	5.4	10	4.04 No	0.576 Thermal Discharging
RIV066		75 '37912300_/_37912347'		2.7	10	10	0.576	5.4	10	4.04 No	0.576 Thermal Discharging
RIV066		76 '7399105_/_7399102'		2.6	10	10	0.576	5.4	10	4.04 No	0.576 Thermal Discharging
RIV066		77 '470995192_/_470995201'		2.6	10	10	0.576	4.6	10	4.04 No	0.576 Thermal Discharging
RIV066		78 '491538179_/_491538255'		2.6	10	10	0.576	4.7	10	4.04 No	0.576 Thermal Discharging
RIV066		79 '491538195_/_491538211'		2.4	10	10	0.576	4.7	10	4.04 No	0.576 Thermal Discharging
RIV066		80 '470994847_/_470995159'		2.5	10	10	0.576	8.5	10	4.04 No	0.576 Thermal Discharging
RIV066		81 '470994450_/_470994453'		2.5	10	10	0.576	8.5	10	4.04 No	0.576 Thermal Discharging
RIV066		82 '470994843_/_470994447'		2.5	10	10	0.576	8.5	10	4.04 No	0.576 Thermal Discharging
RIV066		83 '470994851_/_470994459'		2.5	10	10	0.576	4.6	10	4.04 No	0.576 Thermal Discharging
RIV066		84 '470994855_/_470994465'		2.5	10	10	0.576	4.6	10	4.04 No	0.576 Thermal Discharging
RIV066		85 '471605544_/_471605578'		0.8	3.33	3.33	0.192	1.53	3.33	1.35 No	0.192 Thermal Discharging
RIV066		86 '470994972_/_470994981'		2.4	10	10	0.576	4.6	10	4.04 No	0.576 Thermal Discharging
RIV066		87 '471605897_/_470994937_1'		2.4	10	10	0.576	8.5	10	4.04 No	0.576 Thermal Discharging
RIV066		88 '470994011_/_470994937_2'		2.4	10	10	0.576	8.5	10	4.04 No	0.576 Thermal Discharging
RIV066		89 '470994401_/_470994015'		2.4	10	10	0.576	8.5	10	4.04 No	0.576 Thermal Discharging
RIV066		90 '5432767_/_470994405'		2.4	10	10	0.576	8.5	10	4.04 No	0.576 Thermal Discharging
RIV066		91 '471605861_/_483336984_2'		2.4	10	10	0.576	5.3	10	4.04 No	0.576 Thermal Discharging
RIV066		92 '5432821_/_5432835_1'		2.4	10	10	0.576	1.5	10	4.04 No	0.576 Thermal Discharging
RIV066		93 '5432766_/_5432764'		2.4	10	10	0.576	8.5	10	4.04 No	0.576 Thermal Discharging
RIV066		94 '7399345_/_8955717_1'		0.8	3.33	3.33	0.192	0.5	3.33	1.35 No	0.192 Thermal Discharging
RIV066		95 '5433165_/_5433163'		2.4	10	10	0.576	8.5	10	4.04 No	0.576 Thermal Discharging
RIV066		96 '562581926_/_562581885_2'		2.4	10	10	0.576	5.3	10	4.04 No	0.576 Thermal Discharging
RIV066		97 '5432838_/_5432835_2'		2.3	10	10	0.576	1.5	10	4.04 No	0.576 Thermal Discharging
RIV066		98 '43712025_/_43712027'		2.4	10	10	0.576	8.5	10	4.04 No	0.576 Thermal Discharging
RIV066		99 '505463081_/_5433362_2'		2.4	10	10	0.576	8.5	10	4.04 No	0.576 Thermal Discharging
RIV066		100 '491538233_/_491538274'		2.2	10	10	0.576	4.7	10	4.04 No	0.576 Thermal Discharging
RIV066		101 '483336932_/_483336984_1'		2.3	10	10	0.576	1.5	10	4.04 No	0.576 Thermal Discharging
RIV066		102 '5433203_/_5433362_1'		2.3	10	10	0.576	8.5	10	4.04 No	0.576 Thermal Discharging
RIV066		103 '9290252_/_9290249_2'		2.3	10	10	0.576	5.3	10	4.04 No	0.576 Thermal Discharging
RIV066		104 '5433202_/_5433200'		2.3	10	10	0.576	8.5	10	4.04 No	0.576 Thermal Discharging
RIV066		105 '486799382_/_482545541'		2.1	10	10	0.576	4.7	10	4.04 No	0.576 Thermal Discharging
RIV066		106 '7712956_/_8656952_1'		2.3	10	10	0.576	1.5	10	4.04 No	0.576 Thermal Discharging
RIV066		107 '5433186_/_5433217'		2.3	10	10	0.576	8.5	10	4.04 No	0.576 Thermal Discharging
RIV066		108 '8955720_/_8955717_2'		0.73	3.33	3.33	0.192	0.5	3.33	1.35 No	0.192 Thermal Discharging
RIV066		109 '43712012_/_43712014'		2.3	10	10	0.576	8.5	10	4.04 No	0.576 Thermal Discharging
RIV066		110 '5433314_/_5433328'		2.3	10	10	0.576	8.5	10	4.04 No	0.576 Thermal Discharging
RIV066		111 '483336916_/_483336948'		2.2	10	10	0.576	1.5	10	4.04 No	0.576 Thermal Discharging
RIV066		112 '651967623_/_651967570_2'		2.3	10	10	0.576	8.5	10	4.04 No	0.576 Thermal Discharging
RIV066		113 '651967566_/_651967570_1'		2.3	10	10	0.576	8.5	10	4.04 No	0.576 Thermal Discharging
RIV066		114 '9604846_/_9604863_1'		2.3	10	10	0.576	3.6	10	4.04 No	0.576 Thermal Discharging
RIV066		115 '8656935_/_9290249_1'		2.1	10	10	0.576	1.5	10	4.04 No	0.576 Thermal Discharging
RIV066		116 '486799155_/_486799207'		2	10	10	0.576	4.7	10	4.04 No	0.576 Thermal Discharging
RIV066		117 '8656955_/_8656952_2'		2.1	10	10	0.576	1.5	10	4.04 No	0.576 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RIV066	118	'7712935_/_7712933_1'	2.1	10	10	0.576	1.5	10	4.04 No	0.576	Thermal Discharging
RIV066	119	'7712936_/_8656932'	2.1	10	10	0.576	1.5	10	4.04 No	0.576	Thermal Discharging
RIV066	120	'53997595_/_9604863_2'	2.2	10	10	0.576	3.6	10	4.04 No	0.576	Thermal Discharging
RIV066	121	'7399360_/_562581885_1'	1.9	10	10	0.576	1.5	10	4.04 No	0.576	Thermal Discharging
RIV066	122	'486799394_/_486799171'	1.8	10	10	0.576	4.7	10	4.04 No	0.576	Thermal Discharging
RIV066	123	'559787962_/_487985593'	1.8	10	10	0.576	4.7	10	4.04 No	0.576	Thermal Discharging
RIV066	124	'559787917_/_559788013'	1.8	10	10	0.576	4.7	10	4.04 No	0.576	Thermal Discharging
RIV066	125	'482545527_/_486799259'	1.8	10	10	0.576	4.7	10	4.04 No	0.576	Thermal Discharging
RIV066	126	'8341346_/_8657188'	2	10	10	0.576	3.6	10	4.04 No	0.576	Thermal Discharging
RIV066	127	'8036031_/_8341343'	2	10	10	0.576	3.6	10	4.04 No	0.576	Thermal Discharging
RIV066	128	'482294345_/_482545568'	1.7	10	10	0.576	4.7	10	4.04 No	0.576	Thermal Discharging
RIV066	129	'8656894_/_609494815'	1.8	10	10	0.576	1.5	10	4.04 No	0.576	Thermal Discharging
RIV066	130	'8036032_/_8036029'	1.9	10	10	0.576	3.6	10	4.04 No	0.576	Thermal Discharging
RIV066	131	'471605686_/_471605721'	1.8	10	10	0.576	1.5	10	4.04 No	0.576	Thermal Discharging
RIV066	132	'8035796_/_609494866'	1.8	10	10	0.576	1.5	10	4.04 No	0.576	Thermal Discharging
RIV066	133	'8341365_/_8341363'	1.9	10	10	0.576	3.6	10	4.04 No	0.576	Thermal Discharging
RIV066	134	'474668378_/_482294365'	1.6	10	10	0.576	4.7	10	4.04 No	0.576	Thermal Discharging
RIV066	135	'634150569_/_634150573'	1.3	9	10	0.576	1.5	10	4.04 No	0.576	Thermal Discharging
RIV066	136	'64604963_/_49163775'	1.8	10	10	0.576	3.6	10	4.04 No	0.576	Thermal Discharging
RIV066	137	'124924778_/_125273540'	1.8	10	10	0.576	3.6	10	4.04 No	0.576	Thermal Discharging
RIV066	138	'124924477_/_124924784'	1.8	10	10	0.576	3.6	10	4.04 No	0.576	Thermal Discharging
RIV066	139	'124924795_/_124924791'	1.8	10	10	0.576	3.6	10	4.04 No	0.576	Thermal Discharging
RIV066	140	'124924781_/_124924777'	1.8	10	10	0.576	3.6	10	4.04 No	0.576	Thermal Discharging
RIV066	141	'124924802_/_124924798'	1.8	10	10	0.576	3.6	10	4.04 No	0.576	Thermal Discharging
RIV066	142	'64604942_/_125273486'	1.8	10	10	0.576	3.6	10	4.04 No	0.576	Thermal Discharging
RIV066	143	'9605026_/_125273423'	1.8	10	10	0.576	3.6	10	4.04 No	0.576	Thermal Discharging
RIV066	144	'9604965_/_125273395'	1.7	10	10	0.576	3.6	10	4.04 No	0.576	Thermal Discharging
RIV066	145	'474668360_/_474668392'	1.5	10	10	0.576	4.7	10	4.04 No	0.576	Thermal Discharging
RIV066	146	'503693373_/_609494934'	1.6	10	10	0.576	1.5	10	4.04 No	0.576	Thermal Discharging
RIV066	147	'7713153_/_53997812'	1.7	10	10	0.576	3.6	10	4.04 No	0.576	Thermal Discharging
RIV066	148	'496592497_/_9605023'	1.7	10	10	0.576	3.6	10	4.04 No	0.576	Thermal Discharging
RIV066	149	'503693144_/_503693570'	1.5	10	10	0.576	1.5	10	4.04 No	0.576	Thermal Discharging
RIV066	150	'37912924_/_496592519'	1.7	10	10	0.576	3.6	10	4.04 No	0.576	Thermal Discharging
RIV066	151	'37912889_/_37912921'	1.7	10	10	0.576	3.6	10	4.04 No	0.576	Thermal Discharging
RIV066	152	'37912882_/_37912886'	0.57	3.33	3.33	0.192	1.2	3.33	1.35 No	0.192	Thermal Discharging
RIV066	153	'37912910_/_37912914'	1.7	10	10	0.576	3.6	10	4.04 No	0.576	Thermal Discharging
RIV066	154	'37912896_/_37912893'	1.7	10	10	0.576	3.6	10	4.04 No	0.576	Thermal Discharging
RIV066	155	'8657115_/_8657112'	0.57	3.33	3.33	0.192	1.2	3.33	1.35 No	0.192	Thermal Discharging
RIV066	156	'503693349_/_503693582'	1.5	10	10	0.576	1.5	10	4.04 No	0.576	Thermal Discharging
RIV066	157	'9604966_/_9604963'	1.6	10	10	0.576	3.6	10	4.04 No	0.576	Thermal Discharging
RIV066	158	'488194364_/_503693442'	1.5	10	10	0.576	1.5	10	4.04 No	0.576	Thermal Discharging
RIV066	159	'8657094_/_8955933'	1.3	7.8	10	0.576	3.6	10	4.04 No	0.576	Thermal Discharging
RIV066	160	'474668414_/_474668428'	1.4	10	10	0.576	4.7	10	4.04 No	0.576	Thermal Discharging
RIV066	161	'8657095_/_8657092'	1.3	7.8	10	0.576	3.6	10	4.04 No	0.576	Thermal Discharging
RIV066	162	'473568109_/_474668555'	1.4	10	10	0.576	4.7	10	4.04 No	0.576	Thermal Discharging
RIV066	163	'634150634_/_634150631'	1.3	9.1	10	0.576	1.5	10	4.04 No	0.576	Thermal Discharging
RIV066	164	'560471004_/_488194396'	1.4	10	10	0.576	1.5	10	4.04 No	0.576	Thermal Discharging
RIV066	165	'507219975_/_507219979'	1.4	10	10	0.576	4.7	10	4.04 No	0.576	Thermal Discharging
RIV066	166	'58385520_/_58385528'	1.5	10	10	0.576	3.6	10	4.04 No	0.576	Thermal Discharging
RIV066	167	'473568069_/_507220005'	1.4	9.9	10	0.576	4.7	10	4.04 No	0.576	Thermal Discharging
RIV066	168	'507220024_/_507220048'	1.3	9.8	10	0.576	4.7	10	4.04 No	0.576	Thermal Discharging
RIV066	169	'471605634_/_471605700'	0.43	3.03	3.33	0.192	0.5	3.33	1.35 No	0.192	Thermal Discharging
RIV066	170	'7399461_/_58385551'	1.3	7.9	10	0.576	3.6	10	4.04 No	0.576	Thermal Discharging
RIV066	171	'471605652_/_471605666'	0.43	3	3.33	0.192	0.5	3.33	1.35 No	0.192	Thermal Discharging
RIV066	172	'560470986_/_560471018'	1.3	9.8	10	0.576	1.5	10	4.04 No	0.576	Thermal Discharging
RIV066	173	'431681681_/_474150789'	1.3	9.4	10	0.576	4.7	10	4.04 No	0.576	Thermal Discharging
RIV066	174	'7713170_/_7713167'	1.3	7.9	10	0.576	3.6	10	4.04 No	0.576	Thermal Discharging
RIV066	175	'634150549_/_634150646'	1.3	9.2	10	0.576	1.5	10	4.04 No	0.576	Thermal Discharging
RIV066	176	'560471040_/_560471054'	1.3	9.2	10	0.576	1.5	10	4.04 No	0.576	Thermal Discharging
RIV066	177	'431681519_/_431681659'	1.2	8.9	10	0.576	4.7	10	4.04 No	0.576	Thermal Discharging
RIV066	178	'7399500_/_8341303'	1.3	8	10	0.576	3.6	10	4.04 No	0.576	Thermal Discharging
RIV066	179	'8657151_/_8657168_2'	1.3	8.9	10	0.576	3.6	10	4.04 No	0.576	Thermal Discharging
RIV066	180	'8657150_/_8657168_1'	1.3	8.9	10	0.576	3.6	10	4.04 No	0.576	Thermal Discharging
RIV066	181	'488194380_/_560471085'	1.2	8.8	10	0.576	1.5	10	4.04 No	0.576	Thermal Discharging
RIV066	182	'7713230_/_7713227'	1.3	8	10	0.576	3.6	10	4.04 No	0.576	Thermal Discharging
RIV066	183	'150020815_/_8657072_2'	1.3	8	10	0.576	3.6	10	4.04 No	0.576	Thermal Discharging
RIV066	184	'8036011_/_8657072_1'	1.3	8	10	0.576	3.6	10	4.04 No	0.576	Thermal Discharging
RIV066	185	'7713154_/_7713151'	0.43	2.63	3.33	0.192	1.2	3.33	1.35 No	0.192	Thermal Discharging
RIV066	186	'8035936_/_8035933'	0.4	2.6	3.33	0.192	1.2	3.33	1.35 No	0.192	Thermal Discharging
RIV066	187	'488194418_/_488194432'	1.1	8.2	10	0.576	1.5	10	4.04 No	0.576	Thermal Discharging
RIV066	188	'471246035_/_609494997'	1.1	8	10	0.576	1.5	10	4.04 No	0.576	Thermal Discharging
RIV066	189	'455559664_/_609494980'	1.1	8	10	0.576	1.5	10	4.04 No	0.576	Thermal Discharging
RIV066	190	'8657055_/_609494963'	1.1	7.8	10	0.576	1.5	10	4.04 No	0.576	Thermal Discharging
RIV066	191	'577042126_/_569570178'	1	7.7	10	0.576	1.5	10	4.04 No	0.576	Thermal Discharging
RIV066	192	'577042125_/_489156788'	1	7.6	10	0.576	1.5	10	4.04 No	0.576	Thermal Discharging
RIV066	193	'577042132_/_489156799'	1	7.6	10	0.576	1.5	10	4.04 No	0.576	Thermal Discharging
RIV066	194	'591289294_/_591289330'	1	7.6	10	0.576	1.5	10	4.04 No	0.576	Thermal Discharging
RIV066	195	'414428955_/_591289298'	0.9	6.7	10	0.576	1.5	10	4.04 No	0.576	Thermal Discharging
RIV066	196	'7713133_/_609495269'	0.8	6.3	10	0.576	1.5	9.74	4.04 No	0.576	Thermal Discharging
RIV071	0	'RIV071_/_8738960'	10	10	10	0.328	10	10	10 No	0.328	Thermal Discharging
RIV071	1	'7444535_/_8738960'	10	10	10	0.328	10	10	10 No	0.328	Thermal Discharging
RIV071	2	'7444534_/_7444532'	10	10	10	0.328	10	10	10 No	0.328	Thermal Discharging
RIV071	3	'8704499_/_9650933'	10	10	10	0.328	10	10	10 No	0.328	Thermal Discharging
RIV071	4	'7444834_/_7444832'	10	10	10	0.328	10	10	10 No	0.328	Thermal Discharging
RIV071	5	'7757882_/_7757939'	10	10	10	0.328	10	10	10 No	0.328	Thermal Discharging
RIV071	6	'7757881_/_7757879'	10	10	10	0.328	10	10	10 No	0.328	Thermal Discharging
RIV071	7	'7444635_/_8078639'	10	10	10	0.328	10	10	10 No	0.328	Thermal Discharging
RIV071	8	'7444634_/_7444632'	10	10	10	0.328	10	10	10 No	0.328	Thermal Discharging
RIV071	9	'9024822_/_9650693'	10	10	10	0.328	10	10	10 No	0.328	Thermal Discharging
RIV071	10	'9024821_/_9024819'	10	10	10	0.328	10	10	10 No	0.328	Thermal Discharging
RIV071	11	'8078822_/_9650753'	10	10	10	0.328	8.2	10	10 No	0.328	Thermal Discharging
RIV071	12	'8078821_/_8078819'	10	10	10	0.328	8.2	10	10 No	0.328	Thermal Discharging
RIV071	13	'9056163_/_9056161'	10	10	10	0.328	8.2	10	10 No	0.328	Thermal Discharging
RIV071	14	'8390661_/_9334776'	10	10	10	0.328	8.2	10	10 No	0.328	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RIV071	15	'8390660_/_8390658'		10	10	10	0.328	8.2	10	10 No	0.328 Thermal Discharging
RIV071	16	'7441377_/_9647251'		10	10	10	0.328	8.2	10	10 No	0.328 Thermal Discharging
RIV071	17	'7441376_/_7441374'		10	10	10	0.328	8.2	10	10 No	0.328 Thermal Discharging
RIV071	18	'8075814_/_9020929'		10	10	10	0.328	8.2	10	10 No	0.328 Thermal Discharging
RIV071	19	'8075813_/_8075811'		10	10	10	0.328	8.2	10	10 No	0.328 Thermal Discharging
RIV071	20	'8700891_/_9020909'		8.5	10	10	0.328	8.2	10	10 No	0.328 Thermal Discharging
RIV071	21	'8700890_/_8700888'		8	10	10	0.328	8.2	10	10 No	0.328 Thermal Discharging
RIV071	22	'8390541_/_9334276'		6.7	10	10	0.328	8.2	10	10 No	0.328 Thermal Discharging
RIV071	23	'8390540_/_8390538'		5.9	10	10	0.328	8.2	10	10 No	0.328 Thermal Discharging
RIV071	24	'8075754_/_8700728'		5.4	10	10	0.328	8.2	10	10 No	0.328 Thermal Discharging
RIV071	25	'8075753_/_8075751'		5.4	10	10	0.328	8.2	10	10 No	0.328 Thermal Discharging
RIV071	26	'7441277_/_9647091'		4.9	10	10	0.328	8.2	10	10 No	0.328 Thermal Discharging
RIV071	27	'7441276_/_7441274'		4.5	10	10	0.328	8.2	10	10 No	0.328 Thermal Discharging
RIV071	28	'8075793_/_8075791'		4.2	10	10	0.328	8.2	10	10 No	0.328 Thermal Discharging
RIV071	29	'9021251_/_9334736'		4.2	10	10	0.328	8.2	10	10 No	0.328 Thermal Discharging
RIV071	30	'88917306_/_88917497'		4.1	10	10	0.328	8.2	10	10 No	0.328 Thermal Discharging
RIV071	31	'403404699_/_88917303'		4.1	10	10	0.328	8.2	10	10 No	0.328 Thermal Discharging
RIV071	32	'88917264_/_88917268'		4.1	10	10	0.328	4.6	10	10 No	0.328 Thermal Discharging
RIV071	33	'88917278_/_88917275'		4.1	10	10	0.328	8.2	10	10 No	0.328 Thermal Discharging
RIV071	34	'88917292_/_88917296'		4.1	10	10	0.328	8.2	10	10 No	0.328 Thermal Discharging
RIV071	35	'88917615_/_88917474'		4	10	10	0.328	8.2	10	10 No	0.328 Thermal Discharging
RIV071	36	'8701170_/_9021249'		3.9	10	10	0.328	8.1	10	10 No	0.328 Thermal Discharging
RIV071	37	'8390481_/_90183074'		3.7	10	10	0.328	8.2	10	10 No	0.328 Thermal Discharging
RIV071	38	'8701171_/_8701168'		3.6	10	10	0.328	8.1	10	10 No	0.328 Thermal Discharging
RIV071	39	'118463719_/_118463725'		3.4	10	10	0.328	8.2	10	10 No	0.328 Thermal Discharging
RIV071	40	'118463085_/_118463857'		3.4	10	10	0.328	8.2	10	10 No	0.328 Thermal Discharging
RIV071	41	'118463129_/_37963408'		3.4	10	10	0.328	8.2	10	10 No	0.328 Thermal Discharging
RIV071	42	'118463111_/_37963415'		3.4	10	10	0.328	8.2	10	10 No	0.328 Thermal Discharging
RIV071	43	'9334579_/_9334576'		3.4	10	10	0.328	8.1	10	10 No	0.328 Thermal Discharging
RIV071	44	'118463176_/_9021349'		3.4	10	10	0.328	5.4	10	10 No	0.328 Thermal Discharging
RIV071	45	'9021211_/_9647591'		3.2	10	10	0.328	8.1	10	10 No	0.328 Thermal Discharging
RIV071	46	'8701111_/_9021209'		3.1	10	10	0.328	8.1	10	10 No	0.328 Thermal Discharging
RIV071	47	'8390721_/_8701108'		3	10	10	0.328	8.1	10	10 No	0.328 Thermal Discharging
RIV071	48	'7755060_/_8390718'		2.9	10	10	0.328	8.1	10	10 No	0.328 Thermal Discharging
RIV071	49	'7755059_/_7755057'		2.9	10	10	0.328	8.1	10	10 No	0.328 Thermal Discharging
RIV071	50	'8701191_/_9647691'		2.8	10	10	0.328	8.1	10	10 No	0.328 Thermal Discharging
RIV071	51	'8701190_/_8701188'		2.8	10	10	0.328	8.1	10	10 No	0.328 Thermal Discharging
RIV071	52	'8124328_/_8701208'		2.8	10	10	0.328	8.1	10	10 No	0.328 Thermal Discharging
RIV071	53	'9021172_/_9647471'		2.7	10	10	0.328	8.1	10	10 No	0.328 Thermal Discharging
RIV071	54	'7806284_/_8124326'		2.7	10	10	0.328	8.1	10	10 No	0.328 Thermal Discharging
RIV071	55	'38032869_/_7806282'		2.7	10	10	0.328	8.1	10	10 No	0.328 Thermal Discharging
RIV071	56	'70586340_/_38032874'		2.7	10	10	0.328	8.1	10	10 No	0.328 Thermal Discharging
RIV071	57	'7788758_/_9021169'		2.6	10	10	0.328	8.1	10	10 No	0.328 Thermal Discharging
RIV071	58	'9073421_/_9073419'		2.6	10	10	0.328	8.1	10	10 No	0.328 Thermal Discharging
RIV071	59	'7788757_/_7788755'		2.6	10	10	0.328	8.1	10	10 No	0.328 Thermal Discharging
RIV071	60	'9021447_/_9389282'		2.5	10	10	0.328	8.1	10	10 No	0.328 Thermal Discharging
RIV071	61	'8656039_/_9589431'		2.5	10	10	0.328	8.1	10	10 No	0.328 Thermal Discharging
RIV071	62	'9021448_/_9021445'		2.5	10	10	0.328	8.1	10	10 No	0.328 Thermal Discharging
RIV071	63	'8035063_/_8656036'		2.5	10	10	0.328	8.1	10	10 No	0.328 Thermal Discharging
RIV071	64	'9647793_/_9647791'		2.4	10	10	0.328	8.1	10	10 No	0.328 Thermal Discharging
RIV071	65	'8035064_/_8035061'		2.4	10	10	0.328	8.1	10	10 No	0.328 Thermal Discharging
RIV071	66	'8332346_/_9589411'		2.4	10	10	0.328	8.1	10	10 No	0.328 Thermal Discharging
RIV071	67	'8332347_/_349889297'		2.3	10	10	0.328	8.1	10	10 No	0.328 Thermal Discharging
RIV071	68	'120297997_/_120297994'		2.3	10	10	0.328	8.1	10	10 No	0.328 Thermal Discharging
RIV071	69	'120298029_/_120298033'		2.3	10	10	0.328	8.1	10	10 No	0.328 Thermal Discharging
RIV071	70	'120298011_/_120298026'		2.3	10	10	0.328	8.1	10	10 No	0.328 Thermal Discharging
RIV071	71	'120298128_/_120298125'		2.3	10	10	0.328	8.1	10	10 No	0.328 Thermal Discharging
RIV071	72	'120298163_/_120298160'		2.3	10	10	0.328	8.1	10	10 No	0.328 Thermal Discharging
RIV072	0	'RIV072_/_7740925'		10	10	10	0.112	10	10	7.15 No	0.112 Thermal Discharging
RIV072	1	'9337323_/_7740925'		10	10	10	0.112	10	10	7.15 No	0.112 Thermal Discharging
RIV072	2	'8393288_/_9337320'		10	10	10	0.112	10	10	7.15 No	0.112 Thermal Discharging
RIV072	3	'8393289_/_8393286'		10	10	10	0.112	10	10	7.15 No	0.112 Thermal Discharging
RIV072	4	'8704438_/_8704436'		10	10	10	0.112	10	10	7.15 No	0.112 Thermal Discharging
RIV072	5	'7757902_/_9337540'		10	10	10	0.112	10	10	7.15 No	0.112 Thermal Discharging
RIV072	6	'7757622_/_7757899'		10	10	10	0.112	10	10	7.15 No	0.112 Thermal Discharging
RIV072	7	'7757621_/_7757619'		10	10	10	0.112	10	10	7.15 No	0.112 Thermal Discharging
RIV072	8	'8078701_/_8078699'		10	10	10	0.112	10	10	7.15 No	0.112 Thermal Discharging
RIV072	9	'7757722_/_9337380'		10	10	10	0.112	10	10	7.15 No	0.112 Thermal Discharging
RIV072	10	'7757721_/_7757719'		10	10	10	0.112	10	10	7.15 No	0.112 Thermal Discharging
RIV072	11	'9023368_/_9023385'		10	10	10	0.112	10	10	7.15 No	0.112 Thermal Discharging
RIV072	12	'9023367_/_9023365'		10	10	10	0.112	10	10	7.15 No	0.112 Thermal Discharging
RIV072	13	'8393248_/_9337500'		10	10	10	0.112	10	10	7.15 No	0.112 Thermal Discharging
RIV072	14	'8703521_/_8704336'		10	10	10	0.112	10	10	7.15 No	0.112 Thermal Discharging
RIV072	15	'8701051_/_9683986'		10	10	10	0.112	10	10	7.15 No	0.112 Thermal Discharging
RIV072	16	'8703520_/_8703518'		10	10	10	0.112	10	10	7.15 No	0.112 Thermal Discharging
RIV072	17	'8703541_/_8703538'		10	10	10	0.112	10	10	7.15 No	0.112 Thermal Discharging
RIV072	18	'8701050_/_8701048'		10	10	10	0.112	10	10	7.15 No	0.112 Thermal Discharging
RIV072	19	'8392929_/_9650453'		10	10	10	0.112	10	10	7.15 No	0.112 Thermal Discharging
RIV072	20	'8392928_/_8392926'		10	10	10	0.112	10	10	7.15 No	0.112 Thermal Discharging
RIV072	21	'7754860_/_9647371'		10	10	10	0.112	10	10	7.15 No	0.112 Thermal Discharging
RIV072	22	'7754859_/_7754857'		10	10	10	0.112	10	10	7.15 No	0.112 Thermal Discharging
RIV072	23	'110289597_/_9650473'		10	10	10	0.112	10	10	7.15 No	0.112 Thermal Discharging
RIV072	24	'403275374_/_110289594'		10	10	10	0.112	10	10	7.15 No	0.112 Thermal Discharging
RIV072	25	'110289583_/_110289587'		10	10	10	0.112	10	10	7.15 No	0.112 Thermal Discharging
RIV072	26	'110289569_/_110289566'		10	10	10	0.112	4.7	10	7.15 No	0.112 Thermal Discharging
RIV072	27	'110289555_/_110289559'		10	10	10	0.112	10	10	7.15 No	0.112 Thermal Discharging
RIV072	28	'9020972_/_9020989'		10	10	10	0.112	10	10	7.15 No	0.112 Thermal Discharging
RIV072	29	'7441417_/_9020969'		10	10	10	0.112	10	10	7.15 No	0.112 Thermal Discharging
RIV072	30	'7441416_/_7441414'		10	10	10	0.112	10	10	7.15 No	0.112 Thermal Discharging
RIV072	31	'7441397_/_9020949'		9.6	10	10	0.112	10	10	7.15 No	0.112 Thermal Discharging
RIV072	32	'7441396_/_7441394'		9.6	10	10	0.112	10	10	7.15 No	0.112 Thermal Discharging
RIV072	33	'9334379_/_9647151'		8.7	10	10	0.112	10	10	7.15 No	0.112 Thermal Discharging
RIV072	34	'9334359_/_9334376'		8.1	10	10	0.112	10	10	7.15 No	0.112 Thermal Discharging
RIV072	35	'9334339_/_9334356'		7.8	10	10	0.112	10	10	7.15 No	0.112 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RIV072	36	'8700791_/_9334336'		7.8	10	10	0.112	10	10	7.15 No	0.112 Thermal Discharging
RIV072	37	'7441337_/_8700788'		7.8	10	10	0.112	10	10	7.15 No	0.112 Thermal Discharging
RIV072	38	'7441317_/_7441334'		7	10	10	0.112	10	10	7.15 No	0.112 Thermal Discharging
RIV072	39	'7441316_/_7441314'		6.7	10	10	0.112	10	10	7.15 No	0.112 Thermal Discharging
RIV072	40	'7755099_/_7755097'		6.7	10	10	0.112	10	10	7.15 No	0.112 Thermal Discharging
RIV072	41	'9334598_/_9334596'		6.5	10	10	0.112	10	10	7.15 No	0.112 Thermal Discharging
RIV072	42	'8701151_/_9647671'		6.1	10	10	0.112	10	10	7.15 No	0.112 Thermal Discharging
RIV072	43	'7754960_/_8701148'		5.8	10	10	0.112	10	10	7.15 No	0.112 Thermal Discharging
RIV072	44	'7441777_/_7754957'		5.8	10	10	0.112	10	10	7.15 No	0.112 Thermal Discharging
RIV072	45	'7441737_/_7441774'		5.6	10	10	0.112	10	10	7.15 No	0.112 Thermal Discharging
RIV072	46	'7441717_/_7441734'		5.4	10	10	0.112	10	10	7.15 No	0.112 Thermal Discharging
RIV072	47	'7441716_/_7441714'		5.4	10	10	0.112	10	10	7.15 No	0.112 Thermal Discharging
RIV072	48	'9334679_/_9334716'		5.4	10	10	0.112	10	10	7.15 No	0.112 Thermal Discharging
RIV072	49	'7755020_/_9334676'		5.2	10	10	0.112	10	10	7.15 No	0.112 Thermal Discharging
RIV072	50	'7755019_/_7755017'		5.2	10	10	0.112	10	10	7.15 No	0.112 Thermal Discharging
RIV072	51	'9334619_/_9334616'		4.9	10	10	0.112	10	10	7.15 No	0.112 Thermal Discharging
RIV072	52	'8701091_/_9647491'		4.8	10	10	0.112	10	10	7.15 No	0.112 Thermal Discharging
RIV072	53	'7806265_/_449758411'		4.6	10	10	0.112	10	10	7.15 No	0.112 Thermal Discharging
RIV072	54	'3803272_/_7806262'		4.4	10	10	0.112	10	10	7.15 No	0.112 Thermal Discharging
RIV072	55	'9073461_/_38032881'		4.4	10	10	0.112	10	10	7.15 No	0.112 Thermal Discharging
RIV072	56	'8419007_/_8701088'		4.4	10	10	0.112	10	10	7.15 No	0.112 Thermal Discharging
RIV072	57	'9073462_/_9073459'		4.2	10	10	0.112	10	10	7.15 No	0.112 Thermal Discharging
RIV072	58	'8419006_/_8419004'		4.1	10	10	0.112	10	10	7.15 No	0.112 Thermal Discharging
RIV072	59	'8390761_/_9386400'		3.9	10	10	0.112	10	10	7.15 No	0.112 Thermal Discharging
RIV072	60	'8035124_/_8655996'		3.9	10	10	0.112	10	10	7.15 No	0.112 Thermal Discharging
RIV072	61	'8390760_/_8390758'		3.7	10	10	0.112	8.3	10	7.15 No	0.112 Thermal Discharging
RIV072	62	'8035123_/_8035121'		3.7	10	10	0.112	10	10	7.15 No	0.112 Thermal Discharging
RIV072	63	'8701331_/_8701328'		3.5	10	10	0.112	8.3	10	7.15 No	0.112 Thermal Discharging
RIV072	64	'8332326_/_8332324'		3.5	10	10	0.112	10	10	7.15 No	0.112 Thermal Discharging
RIV072	65	'8332367_/_8976161'		3.3	10	10	0.112	10	10	7.15 No	0.112 Thermal Discharging
RIV072	66	'8332287_/_8332364'		3.2	10	10	0.112	10	10	7.15 No	0.112 Thermal Discharging
RIV072	67	'8332286_/_8332284'		3.2	10	10	0.112	10	10	7.15 No	0.112 Thermal Discharging
RIV072	68	'8976103_/_8976101'		3	10	10	0.112	10	10	7.15 No	0.112 Thermal Discharging
RIV072	69	'9289507_/_9289505'		2.9	10	10	0.112	10	10	7.15 No	0.112 Thermal Discharging
RIV072	70	'433615427_/_428410502'		2.6	9	10	0.112	10	10	7.15 No	0.112 Thermal Discharging
RIV072	71	'433615142_/_430500666'		2.6	9	10	0.112	10	10	7.15 No	0.112 Thermal Discharging
RIV072	72	'433615421_/_430500658'		2.6	9	10	0.112	10	10	7.15 No	0.112 Thermal Discharging
RIV072	73	'433615584_/_430500642'		2.6	9	10	0.112	10	10	7.15 No	0.112 Thermal Discharging
RIV072	74	'433615415_/_430500650'		2.6	9	10	0.112	4.8	10	7.15 No	0.112 Thermal Discharging
RIV072	75	'433616452_/_433616264'		2.6	9	10	0.112	4.8	10	7.15 No	0.112 Thermal Discharging
RIV072	76	'433616301_/_433616311'		2	6.8	10	0.112	4.8	10	7.15 No	0.112 Thermal Discharging
RIV072	77	'470995422_/_470995430'		2.5	8.5	10	0.112	10	10	7.15 No	0.112 Thermal Discharging
RIV072	78	'470994270_/_470995462'		2.5	8.4	10	0.112	10	10	7.15 No	0.112 Thermal Discharging
RIV072	79	'470994259_/_470994268'		2.5	8.4	10	0.112	10	10	7.15 No	0.112 Thermal Discharging
RIV072	80	'470994264_/_470994262'		2.5	8.4	10	0.112	10	10	7.15 No	0.112 Thermal Discharging
RIV072	81	'470994276_/_470994274'		2.5	8.4	10	0.112	10	10	7.15 No	0.112 Thermal Discharging
RIV072	82	'470994258_/_470994256'		2.5	8.4	10	0.112	4.8	10	7.15 No	0.112 Thermal Discharging
RIV072	83	'470995644_/_471605418'		2.4	8.3	10	0.112	10	10	7.15 No	0.112 Thermal Discharging
RIV072	84	'404446413_/_471605449'		2.4	8.1	10	0.112	5.4	10	7.15 No	0.112 Thermal Discharging
RIV072	85	'37912287_/_37912284'		2.4	8	10	0.112	5.4	10	7.15 No	0.112 Thermal Discharging
RIV072	86	'37912294_/_37912291'		2.4	8	10	0.112	5.4	10	7.15 No	0.112 Thermal Discharging
RIV072	87	'37912315_/_37912312'		2.4	8	10	0.112	5.4	10	7.15 No	0.112 Thermal Discharging
RIV072	88	'37912279_/_37912319'		2.4	8	10	0.112	5.4	10	7.15 No	0.112 Thermal Discharging
RIV072	89	'37912328_/_37912326'		2.4	8	10	0.112	5.4	10	7.15 No	0.112 Thermal Discharging
RIV072	90	'8340886_/_8340883'		2.4	8	10	0.112	5.4	10	7.15 No	0.112 Thermal Discharging
RIV072	91	'470995252_/_470994365'		2.3	7.6	10	0.112	4.8	10	7.15 No	0.112 Thermal Discharging
RIV072	92	'470995233_/_470995249'		2.3	7.6	10	0.112	4.8	10	7.15 No	0.112 Thermal Discharging
RIV072	93	'470995246_/_470995243'		2.3	7.6	10	0.112	4.8	10	7.15 No	0.112 Thermal Discharging
RIV072	94	'470995240_/_470995237'		2.3	7.6	10	0.112	4.8	10	7.15 No	0.112 Thermal Discharging
RIV072	95	'470995234_/_470995231'		2.3	7.6	10	0.112	4.8	10	7.15 No	0.112 Thermal Discharging
RIV072	96	'470995341_/_470995350'		2.3	7.6	10	0.112	4.8	10	7.15 No	0.112 Thermal Discharging
RIV072	97	'494639155_/_470995306'		2.1	7.1	10	0.112	4.8	10	7.15 No	0.112 Thermal Discharging
RIV072	98	'46616857_/_434559947'		2	6.8	10	0.112	4.8	10	7.15 No	0.112 Thermal Discharging
RIV072	99	'433616245_/_433616397'		0.67	2.27	3.33	0.04	1.6	3.33	2.38 No	0.04 Thermal Discharging
RIV072	100	'454656346_/_494639174'		2	6.8	10	0.112	4.8	10	7.15 No	0.112 Thermal Discharging
RIV072	101	'433616414_/_433616411'		0.67	2.27	3.33	0.04	1.6	3.33	2.38 No	0.04 Thermal Discharging
RIV072	102	'466116885_/_466116904'		1.9	6.4	10	0.112	4.8	9.83	7.15 No	0.112 Thermal Discharging
RIV072	103	'466116871_/_466116935'		1.7	5.9	10	0.112	4.8	9.15	7.15 No	0.112 Thermal Discharging
RIV072	104	'431681630_/_466117003'		1.6	5.3	10	0.112	4.8	8.31	7.15 No	0.112 Thermal Discharging
RIV073	0	'RIV073_/_9369670'		10	10	10	0.968	10	10	7.6 No	0.968 Thermal Discharging
RIV073	1	'8738982_/_9369670'		10	10	10	0.968	10	10	7.6 No	0.968 Thermal Discharging
RIV073	2	'9337302_/_9337300'		10	10	10	0.968	10	10	7.6 No	0.968 Thermal Discharging
RIV073	3	'8078962_/_9337620'		10	10	10	0.968	10	10	7.6 No	0.968 Thermal Discharging
RIV073	4	'7444875_/_9337580'		10	10	10	0.968	10	10	7.6 No	0.968 Thermal Discharging
RIV073	5	'7444874_/_7444872'		10	10	10	0.968	10	10	7.6 No	0.968 Thermal Discharging
RIV073	6	'8704519_/_9025079'		10	10	10	0.968	10	10	7.6 No	0.968 Thermal Discharging
RIV073	7	'7757702_/_8704516'		10	10	10	0.968	10	10	7.6 No	0.968 Thermal Discharging
RIV073	8	'7443598_/_9650893'		10	10	10	0.968	10	10	7.6 No	0.968 Thermal Discharging
RIV073	9	'7757701_/_7757699'		10	10	10	0.968	10	10	7.6 No	0.968 Thermal Discharging
RIV073	10	'8078761_/_8078759'		10	10	10	0.968	10	10	7.6 No	0.968 Thermal Discharging
RIV073	11	'7443599_/_7443596'		10	10	10	0.968	10	10	7.6 No	0.968 Thermal Discharging
RIV073	12	'7444914_/_8704316'		10	10	10	0.968	10	10	7.6 No	0.968 Thermal Discharging
RIV073	13	'8078982_/_9025119'		10	10	10	0.968	8.9	10	7.6 No	0.968 Thermal Discharging
RIV073	14	'8078981_/_8078979'		10	10	10	0.968	8.9	10	7.6 No	0.968 Thermal Discharging
RIV073	15	'9022627_/_9337520'		10	10	10	0.968	8.9	10	7.6 No	0.968 Thermal Discharging
RIV073	16	'8078261_/_9022625'		10	10	10	0.968	8.9	10	7.6 No	0.968 Thermal Discharging
RIV073	17	'8078262_/_8078259'		10	10	10	0.968	8.9	10	7.6 No	0.968 Thermal Discharging
RIV073	18	'9022648_/_9022645'		10	10	10	0.968	8.9	10	7.6 No	0.968 Thermal Discharging
RIV073	19	'9022427_/_9022685'		10	10	10	0.968	8.9	10	7.6 No	0.968 Thermal Discharging
RIV073	20	'9022428_/_9022425'		10	10	10	0.968	8.9	10	7.6 No	0.968 Thermal Discharging
RIV073	21	'9022407_/_9022465'		10	10	10	0.968	8.9	10	7.6 No	0.968 Thermal Discharging
RIV073	22	'7756121_/_9022405'		10	10	10	0.968	8.9	10	7.6 No	0.968 Thermal Discharging
RIV073	23	'7756122_/_7756119'		10	10	10	0.968	8.9	10	7.6 No	0.968 Thermal Discharging
RIV073	24	'8703420_/_9649481'		10	10	10	0.968	8.9	10	7.6 No	0.968 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RIV073	25	'7443798_/_8703418'	10	10	10	0.968	8.9	10	7.6 No	0.968	Thermal Discharging
RIV073	26	'7443799_/_7443796'	10	10	10	0.968	8.9	10	7.6 No	0.968	Thermal Discharging
RIV073	27	'114820289_/_9649617_1'	10	10	10	0.968	8.9	10	7.6 No	0.968	Thermal Discharging
RIV073	28	'49237320_/_9649617_2'	10	10	10	0.968	8.9	10	7.6 No	0.968	Thermal Discharging
RIV073	29	'6302823_/_6302923'	10	10	10	0.968	8.9	10	7.6 No	0.968	Thermal Discharging
RIV073	30	'6302858_/_6302872_1'	10	10	10	0.968	2.5	10	7.6 No	0.968	Thermal Discharging
RIV073	31	'43890122_/_6302872_2'	10	10	10	0.968	2.5	10	7.6 No	0.968	Thermal Discharging
RIV073	32	'6302824_/_6302821'	10	10	10	0.968	8.9	10	7.6 No	0.968	Thermal Discharging
RIV073	33	'6301518_/_6302838'	10	10	10	0.968	8.9	10	7.6 No	0.968	Thermal Discharging
RIV073	34	'6301535_/_43890124'	10	10	10	0.968	2.5	10	7.6 No	0.968	Thermal Discharging
RIV073	35	'6301519_/_6301516'	10	10	10	0.968	8.9	10	7.6 No	0.968	Thermal Discharging
RIV073	36	'43890135_/_6301533'	10	10	10	0.968	2.5	10	7.6 No	0.968	Thermal Discharging
RIV073	37	'6301555_/_43890137'	10	10	10	0.968	2.5	10	7.6 No	0.968	Thermal Discharging
RIV073	38	'5450693_/_7096113'	10	10	10	0.968	8.9	10	7.6 No	0.968	Thermal Discharging
RIV073	39	'6301556_/_6301553'	10	10	10	0.968	2.5	10	7.6 No	0.968	Thermal Discharging
RIV073	40	'43713219_/_5450691'	10	10	10	0.968	8.9	10	7.6 No	0.968	Thermal Discharging
RIV073	41	'6301573_/_6301570'	10	10	10	0.968	2.5	10	7.6 No	0.968	Thermal Discharging
RIV073	42	'6300952_/_6301587'	10	10	10	0.968	2.5	10	7.6 No	0.968	Thermal Discharging
RIV073	43	'5450714_/_43713221'	10	10	10	0.968	8.9	10	7.6 No	0.968	Thermal Discharging
RIV073	44	'6302649_/_6302906'	10	10	10	0.968	4.7	10	7.6 No	0.968	Thermal Discharging
RIV073	45	'6300953_/_6300950'	10	10	10	0.968	2.5	10	7.6 No	0.968	Thermal Discharging
RIV073	46	'5439114_/_5450731'	10	10	10	0.968	8.9	10	7.6 No	0.968	Thermal Discharging
RIV073	47	'5451165_/_5453512_1'	10	10	10	0.968	3.3	10	7.6 No	0.968	Thermal Discharging
RIV073	48	'43890005_/_6300967'	10	10	10	0.968	2.5	10	7.6 No	0.968	Thermal Discharging
RIV073	49	'5439101_/_5439098_2'	3.33	3.33	3.33	0.32	1.4	3.33	2.53 No	0.32	Thermal Discharging
RIV073	50	'43713234_/_5450748'	10	10	10	0.968	8.9	10	7.6 No	0.968	Thermal Discharging
RIV073	51	'43713489_/_5453512_2'	10	10	10	0.968	3.3	10	7.6 No	0.968	Thermal Discharging
RIV073	52	'5439242_/_43713236'	10	10	10	0.968	8.9	10	7.6 No	0.968	Thermal Discharging
RIV073	53	'5439243_/_5439253_1'	3.33	3.33	3.33	0.32	0.5	3.33	2.53 No	0.32	Thermal Discharging
RIV073	54	'6302629_/_6302646_2'	10	10	10	0.968	4.7	10	7.6 No	0.968	Thermal Discharging
RIV073	55	'6300987_/_43890007'	10	10	10	0.968	2.5	10	7.6 No	0.968	Thermal Discharging
RIV073	56	'5439230_/_5439253_2'	3.33	3.33	3.33	0.32	0.5	3.33	2.53 No	0.32	Thermal Discharging
RIV073	57	'6301004_/_6301001'	10	10	10	0.968	2.5	10	7.6 No	0.968	Thermal Discharging
RIV073	58	'5451182_/_5451179'	10	10	10	0.968	3.3	10	7.6 No	0.968	Thermal Discharging
RIV073	59	'43890096_/_6302646_1'	10	10	10	0.968	1.5	10	7.6 No	0.968	Thermal Discharging
RIV073	60	'5439284_/_5450782'	10	10	10	0.968	8.9	10	7.6 No	0.968	Thermal Discharging
RIV073	61	'7443739_/_7443736_1'	10	10	10	0.968	1.7	10	7.6 No	0.968	Thermal Discharging
RIV073	62	'5451199_/_5451196'	10	10	10	0.968	3.3	10	7.6 No	0.968	Thermal Discharging
RIV073	63	'5450802_/_5450799'	10	10	10	0.968	8.9	10	7.6 No	0.968	Thermal Discharging
RIV073	64	'6301021_/_6301018'	10	10	10	0.968	2.5	10	7.6 No	0.968	Thermal Discharging
RIV073	65	'5439200_/_5451213'	10	10	10	0.968	3.3	10	7.6 No	0.968	Thermal Discharging
RIV073	66	'6301358_/_6302626_2'	10	10	10	0.968	1.5	10	7.6 No	0.968	Thermal Discharging
RIV073	67	'5450819_/_5450816'	10	10	10	0.968	8.9	10	7.6 No	0.968	Thermal Discharging
RIV073	68	'5439285_/_5439295_1'	3.33	3.33	3.33	0.32	0.5	3.33	2.53 No	0.32	Thermal Discharging
RIV073	69	'5451233_/_5451230'	10	10	10	0.968	3.3	10	7.6 No	0.968	Thermal Discharging
RIV073	70	'43713247_/_5450833'	10	10	10	0.968	8.9	10	7.6 No	0.968	Thermal Discharging
RIV073	71	'6301038_/_6301035'	10	10	10	0.968	2.5	10	7.6 No	0.968	Thermal Discharging
RIV073	72	'5439229_/_5439227'	3.33	3.33	3.33	0.32	0.5	3.33	2.53 No	0.32	Thermal Discharging
RIV073	73	'7399541_/_8657248_1'	10	10	10	0.968	1.5	10	7.6 No	0.968	Thermal Discharging
RIV073	74	'43890109_/_6302626_1'	10	10	10	0.968	1.5	10	7.6 No	0.968	Thermal Discharging
RIV073	75	'5438341_/_5439098_1'	3.33	3.33	3.33	0.32	0.5	3.33	2.53 No	0.32	Thermal Discharging
RIV073	76	'5450853_/_5450850'	10	10	10	0.968	8.9	10	7.6 No	0.968	Thermal Discharging
RIV073	77	'5451250_/_5451247'	10	10	10	0.968	3.3	10	7.6 No	0.968	Thermal Discharging
RIV073	78	'8657251_/_8657248_2'	10	10	10	0.968	1.5	10	7.6 No	0.968	Thermal Discharging
RIV073	79	'5450870_/_5450867'	10	10	10	0.968	8.9	10	7.6 No	0.968	Thermal Discharging
RIV073	80	'8432128_/_8432126_1'	10	10	10	0.968	1.5	10	7.6 No	0.968	Thermal Discharging
RIV073	81	'5439129_/_5451264'	10	10	10	0.968	3.3	10	7.6 No	0.968	Thermal Discharging
RIV073	82	'7713286_/_7713283_2'	6.67	6.67	6.67	0.648	2.9	6.67	5.07 No	0.648	Thermal Discharging
RIV073	83	'43713260_/_5450884'	10	10	10	0.968	8.9	10	7.6 No	0.968	Thermal Discharging
RIV073	84	'43713502_/_5439198'	3.33	3.33	3.33	0.32	1.1	3.33	2.53 No	0.32	Thermal Discharging
RIV073	85	'5439088_/_43713262'	10	10	10	0.968	8.9	10	7.6 No	0.968	Thermal Discharging
RIV073	86	'5439072_/_5439069_2'	3.33	3.33	3.33	0.32	1.5	3.33	2.53 No	0.32	Thermal Discharging
RIV073	87	'43713524_/_5439127'	10	10	10	0.968	3.3	10	7.6 No	0.968	Thermal Discharging
RIV073	88	'8432129_/_8432126_2'	10	10	10	0.968	1.5	10	7.6 No	0.968	Thermal Discharging
RIV073	89	'5450921_/_5450918'	10	10	10	0.968	8.9	10	7.6 No	0.968	Thermal Discharging
RIV073	90	'6301341_/_6301355'	10	10	10	0.968	1.5	10	7.6 No	0.968	Thermal Discharging
RIV073	91	'5450938_/_5450935'	10	10	10	0.968	8.9	10	7.6 No	0.968	Thermal Discharging
RIV073	92	'5439298_/_5439295_2'	3.33	3.33	3.33	0.32	0.5	3.33	2.53 No	0.32	Thermal Discharging
RIV073	93	'5439201_/_43713504'	3.33	3.33	3.33	0.32	1.1	3.33	2.53 No	0.32	Thermal Discharging
RIV073	94	'5439147_/_5439144'	10	10	10	0.968	3.3	10	7.6 No	0.968	Thermal Discharging
RIV073	95	'43712893_/_5438338'	3.33	3.33	3.33	0.32	0.5	3.33	2.53 No	0.32	Thermal Discharging
RIV073	96	'37965001_/_7443736_2'	10	10	10	0.968	1.7	10	7.6 No	0.968	Thermal Discharging
RIV073	97	'5439909_/_5450952'	10	10	10	0.968	8.9	10	7.6 No	0.968	Thermal Discharging
RIV073	98	'37964994_/_37964998'	10	10	10	0.968	1.7	10	7.6 No	0.968	Thermal Discharging
RIV073	99	'37964987_/_37964991'	10	10	10	0.968	1.7	10	7.6 No	0.968	Thermal Discharging
RIV073	100	'37965015_/_37965019'	10	10	10	0.968	1.7	10	7.6 No	0.968	Thermal Discharging
RIV073	101	'405088613_/_405088610'	10	10	10	0.968	1.7	10	7.6 No	0.968	Thermal Discharging
RIV073	102	'5439059_/_5439069_1'	3.33	3.33	3.33	0.32	0.5	3.33	2.53 No	0.32	Thermal Discharging
RIV073	103	'5439164_/_5439161'	10	10	10	0.968	3.3	10	7.6 No	0.968	Thermal Discharging
RIV073	104	'468125101_/_8036980_1'	10	10	10	0.968	1.5	10	7.6 No	0.968	Thermal Discharging
RIV073	105	'5450972_/_5450969'	10	10	10	0.968	8.9	10	7.6 No	0.968	Thermal Discharging
RIV073	106	'43719158_/_5452349'	10	10	10	0.968	8.9	10	7.6 No	0.968	Thermal Discharging
RIV073	107	'5439910_/_5439920_1'	3.33	3.33	3.33	0.32	0.5	3.33	2.53 No	0.32	Thermal Discharging
RIV073	108	'7713285_/_7713283_1'	6.67	6.67	6.67	0.648	1	6.67	5.07 No	0.648	Thermal Discharging
RIV073	109	'5450988_/_43719160'	10	10	10	0.968	8.9	10	7.6 No	0.968	Thermal Discharging
RIV073	110	'5439046_/_5439056'	3.33	3.33	3.33	0.32	0.5	3.33	2.53 No	0.32	Thermal Discharging
RIV073	111	'43713513_/_5447774'	3.33	3.33	3.33	0.32	0.5	3.33	2.53 No	0.32	Thermal Discharging
RIV073	112	'5439217_/_5439269'	3.33	3.33	3.33	0.32	0.5	3.33	2.53 No	0.32	Thermal Discharging
RIV073	113	'5439003_/_5450986'	10	10	10	0.968	8.9	10	7.6 No	0.968	Thermal Discharging
RIV073	114	'5439181_/_5439178'	10	10	10	0.968	3.3	10	7.6 No	0.968	Thermal Discharging
RIV073	115	'43890070_/_43890072'	9.2	10	10	0.968	1.5	10	7.6 No	0.968	Thermal Discharging
RIV073	116	'395778235_/_8036980_2'	10	10	10	0.968	1.5	10	7.6 No	0.968	Thermal Discharging
RIV073	117	'5439004_/_5439014_1'	3.33	3.33	3.33	0.32	0.5	3.33	2.53 No	0.32	Thermal Discharging
RIV073	118	'7713884_/_9291053_1'	10	10	10	0.968	1.5	10	7.6 No	0.968	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RIV073	119	'43713296_/5453444'		10	10	10	0.968	8.9	10	7.6 No	0.968 Thermal Discharging
RIV073	120	'7400157_/395778255'		10	10	10	0.968	1.5	10	7.6 No	0.968 Thermal Discharging
RIV073	121	'104603864_/104603875'		10	10	10	0.968	1.7	10	7.6 No	0.968 Thermal Discharging
RIV073	122	'6301375_/6301409'		8.5	10	10	0.968	1.5	10	7.6 No	0.968 Thermal Discharging
RIV073	123	'5452885_/43713298'		10	10	10	0.968	8.9	10	7.6 No	0.968 Thermal Discharging
RIV073	124	'5452905_/5452902'		10	10	10	0.968	8.9	10	7.6 No	0.968 Thermal Discharging
RIV073	125	'5438315_/5438325'	3.33	3.33	3.33	0.32	0.5	3.33	2.53 No	0.32 Thermal Discharging	
RIV073	126	'4371353_/5467358'	3.33	3.33	3.33	0.32	0.5	3.33	2.53 No	0.32 Thermal Discharging	
RIV073	127	'5467361_/43713539'	3.33	3.33	3.33	0.32	0.5	3.33	2.53 No	0.32 Thermal Discharging	
RIV073	128	'5452922_/5452919'		10	10	10	0.968	8.9	10	7.6 No	0.968 Thermal Discharging
RIV073	129	'43713273_/43713275'	6.67	6.67	6.67	0.648	3.1	6.67	5.07 No	0.648 Thermal Discharging	
RIV073	130	'5452694_/5452936'		10	10	10	0.968	8.9	10	7.6 No	0.968 Thermal Discharging
RIV073	131	'43713285_/43713287'	3.33	3.33	3.33	0.32	1	3.33	2.53 No	0.32 Thermal Discharging	
RIV073	132	'5452678_/5452675_3'		10	10	10	0.968	8.9	10	7.6 No	0.968 Thermal Discharging
RIV073	133	'103113452_/5452675_2'		10	10	10	0.968	1.5	10	7.6 No	0.968 Thermal Discharging
RIV073	134	'43713309_/43713311'	3.33	3.33	3.33	0.32	0.5	3.33	2.53 No	0.32 Thermal Discharging	
RIV073	135	'5452956_/5452953'		10	10	10	0.968	8.9	10	7.6 No	0.968 Thermal Discharging
RIV073	136	'5452661_/5452675_1'		10	10	10	0.968	1.5	10	7.6 No	0.968 Thermal Discharging
RIV073	137	'5438461_/5439214'	3.33	3.33	3.33	0.32	0.5	3.33	2.53 No	0.32 Thermal Discharging	
RIV073	138	'5439017_/5439014_2'	3.33	3.33	3.33	0.32	0.5	3.33	2.53 No	0.32 Thermal Discharging	
RIV073	139	'6300722_/6301321'	7.6	10	10	0.968	1.5	10	7.6 No	0.968 Thermal Discharging	
RIV073	140	'5452695_/5452692'		10	10	10	0.968	1.5	10	7.6 No	0.968 Thermal Discharging
RIV073	141	'5439923_/5439920_2'	3.33	3.33	3.33	0.32	0.5	3.33	2.53 No	0.32 Thermal Discharging	
RIV073	142	'43713847_/5452970'		10	10	10	0.968	8.9	10	7.6 No	0.968 Thermal Discharging
RIV073	143	'5439977_/5452658'		10	10	10	0.968	1.5	10	7.6 No	0.968 Thermal Discharging
RIV073	144	'5440088_/5452709'		10	10	10	0.968	1.5	10	7.6 No	0.968 Thermal Discharging
RIV073	145	'5452627_/5452641'		10	10	10	0.968	1.5	10	7.6 No	0.968 Thermal Discharging
RIV073	146	'5452990_/43713849'		10	10	10	0.968	8.9	10	7.6 No	0.968 Thermal Discharging
RIV073	147	'464295889_/5439975_1'	3.33	3.33	3.33	0.32	0.5	3.33	2.53 No	0.32 Thermal Discharging	
RIV073	148	'5469142_/5469140'	6.67	6.67	6.67	0.648	3.1	6.67	5.07 No	0.648 Thermal Discharging	
RIV073	149	'5453061_/5453058'		10	10	10	0.968	1.5	10	7.6 No	0.968 Thermal Discharging
RIV073	150	'43890148_/6301389'	7.1	10	10	0.968	1.5	10	7.6 No	0.968 Thermal Discharging	
RIV073	151	'5440236_/5453078'		10	10	10	0.968	1.5	10	7.6 No	0.968 Thermal Discharging
RIV073	152	'43713834_/43713836'		10	10	10	0.968	1.5	10	7.6 No	0.968 Thermal Discharging
RIV073	153	'43713797_/5453004'		10	10	10	0.968	8.9	10	7.6 No	0.968 Thermal Discharging
RIV073	154	'5453135_/5453132'		10	10	10	0.968	1.5	10	7.6 No	0.968 Thermal Discharging
RIV073	155	'8658116_/9291053_2'	9.7	10	10	0.968	1.5	10	7.6 No	0.968 Thermal Discharging	
RIV073	156	'5452593_/5452607'		10	10	10	0.968	1.5	10	7.6 No	0.968 Thermal Discharging
RIV073	157	'70276689_/5474107_2'	9.4	10	10	0.968	3.3	10	7.6 No	0.968 Thermal Discharging	
RIV073	158	'5447777_/43713515'	2.97	3.33	3.33	0.32	0.5	3.33	2.53 No	0.32 Thermal Discharging	
RIV073	159	'5453152_/5453149'		10	10	10	0.968	1.5	10	7.6 No	0.968 Thermal Discharging
RIV073	160	'5452817_/43713799'		10	10	10	0.968	8.9	10	7.6 No	0.968 Thermal Discharging
RIV073	161	'5452576_/5452590'		10	10	10	0.968	1.5	10	7.6 No	0.968 Thermal Discharging
RIV073	162	'43716868_/5474107_1'	9.4	10	10	0.968	1.5	10	7.6 No	0.968 Thermal Discharging	
RIV073	163	'5469160_/5469158'	3.33	3.33	3.33	0.32	0.5	3.33	2.53 No	0.32 Thermal Discharging	
RIV073	164	'43714205_/5459610'		10	10	10	0.968	1.5	10	7.6 No	0.968 Thermal Discharging
RIV073	165	'5452746_/5452814'		10	10	10	0.968	8.9	10	7.6 No	0.968 Thermal Discharging
RIV073	166	'5439978_/5439975_2'	3.33	3.33	3.33	0.32	0.5	3.33	2.53 No	0.32 Thermal Discharging	
RIV073	167	'5438302_/5438312'	3	3.33	3.33	0.32	0.5	3.33	2.53 No	0.32 Thermal Discharging	
RIV073	168	'5440046_/5452573'		10	10	10	0.968	1.5	10	7.6 No	0.968 Thermal Discharging
RIV073	169	'5452745_/5452743'		10	10	10	0.968	8.9	10	7.6 No	0.968 Thermal Discharging
RIV073	170	'5452763_/5452760'		10	10	10	0.968	8.9	10	7.6 No	0.968 Thermal Discharging
RIV073	171	'8036092_/8657268_1'		10	10	10	0.968	1.5	10	7.6 No	0.968 Thermal Discharging
RIV073	172	'5439033_/5439030'	3.33	3.33	3.33	0.32	0.5	3.33	2.53 No	0.32 Thermal Discharging	
RIV073	173	'43713821_/43713823'		10	10	10	0.968	1.5	10	7.6 No	0.968 Thermal Discharging
RIV073	174	'5440218_/5440233'		10	10	10	0.968	1.5	10	7.6 No	0.968 Thermal Discharging
RIV073	175	'5438645_/5438658'	3.27	3.33	3.33	0.32	0.5	3.33	2.53 No	0.32 Thermal Discharging	
RIV073	176	'5439991_/5439988'	3.33	3.33	3.33	0.32	0.5	3.33	2.53 No	0.32 Thermal Discharging	
RIV073	177	'5451858_/5454832'		10	10	10	0.968	8.9	10	7.6 No	0.968 Thermal Discharging
RIV073	178	'5452783_/5452780'		10	10	10	0.968	8.9	10	7.6 No	0.968 Thermal Discharging
RIV073	179	'5439936_/5439933'	2.97	3.33	3.33	0.32	0.5	3.33	2.53 No	0.32 Thermal Discharging	
RIV073	180	'6300742_/6301372'	6.2	10	10	0.968	1.5	10	7.6 No	0.968 Thermal Discharging	
RIV073	181	'8077881_/8077879'	7.1	10	10	0.968	1.7	10	7.6 No	0.968 Thermal Discharging	
RIV073	182	'43712926_/43712928'	2.63	3.33	3.33	0.32	0.5	3.33	2.53 No	0.32 Thermal Discharging	
RIV073	183	'44773906_/5452536'		10	10	10	0.968	1.5	10	7.6 No	0.968 Thermal Discharging
RIV073	184	'6301392_/43890150'	6.1	10	10	0.968	1.5	10	7.6 No	0.968 Thermal Discharging	
RIV073	185	'5451859_/5451856'		10	10	10	0.968	8.9	10	7.6 No	0.968 Thermal Discharging
RIV073	186	'6300705_/6300719'	6.1	10	10	0.968	1.5	10	7.6 No	0.968 Thermal Discharging	
RIV073	187	'5452800_/5452797'		10	10	10	0.968	8.9	10	7.6 No	0.968 Thermal Discharging
RIV073	188	'411118421_/5451876_1'		10	10	10	0.968	8.9	10	7.6 No	0.968 Thermal Discharging
RIV073	189	'5451824_/5451876_2'		10	10	10	0.968	8.9	10	7.6 No	0.968 Thermal Discharging
RIV073	190	'7399561_/9290449_2'		10	10	10	0.968	4.3	10	7.6 No	0.968 Thermal Discharging
RIV073	191	'5435958_/5453495'		10	10	10	0.968	8.9	10	7.6 No	0.968 Thermal Discharging
RIV073	192	'5440101_/5440098'	3.33	3.33	3.33	0.32	0.5	3.33	2.53 No	0.32 Thermal Discharging	
RIV073	193	'5440033_/5440043'	3.33	3.33	3.33	0.32	0.5	3.33	2.53 No	0.32 Thermal Discharging	
RIV073	194	'5467348_/5467345'	2.47	3.33	3.33	0.32	0.5	3.33	2.53 No	0.32 Thermal Discharging	
RIV073	195	'43713932_/5435956'		10	10	10	0.968	8.9	10	7.6 No	0.968 Thermal Discharging
RIV073	196	'8657271_/8657268_2'		10	10	10	0.968	1.5	10	7.6 No	0.968 Thermal Discharging
RIV073	197	'43714219_/43714207'		10	10	10	0.968	1.5	10	7.6 No	0.968 Thermal Discharging
RIV073	198	'43719992_/5469174'	3.17	3.33	3.33	0.32	0.5	3.33	2.53 No	0.32 Thermal Discharging	
RIV073	199	'5440130_/5440127'	2.83	3.33	3.33	0.32	0.5	3.33	2.53 No	0.32 Thermal Discharging	
RIV073	200	'5438289_/5438299'	2.53	3.33	3.33	0.32	0.5	3.33	2.53 No	0.32 Thermal Discharging	
RIV073	201	'5435976_/43713934'		10	10	10	0.968	8.9	10	7.6 No	0.968 Thermal Discharging
RIV073	202	'5440203_/5440215'		10	10	10	0.968	1.5	10	7.6 No	0.968 Thermal Discharging
RIV073	203	'5445481_/43716870'	7	10	10	10	0.968	1.5	10	7.6 No	0.968 Thermal Discharging
RIV073	204	'5440075_/5440085'	3.33	3.33	3.33	0.32	0.5	3.33	2.53 No	0.32 Thermal Discharging	
RIV073	205	'5439949_/5439946'	2.5	3.33	3.33	0.32	0.5	3.33	2.53 No	0.32 Thermal Discharging	
RIV073	206	'43714156_/5440004'	3.13	3.33	3.33	0.32	0.5	3.33	2.53 No	0.32 Thermal Discharging	
RIV073	207	'5438432_/5438445'	2.27	3.33	3.33	0.32	0.5	3.33	2.53 No	0.32 Thermal Discharging	
RIV073	208	'5440032_/5440030'	3.33	3.33	3.33	0.32	0.5	3.33	2.53 No	0.32 Thermal Discharging	
RIV073	209	'5438629_/5438642'	2.53	3.33	3.33	0.32	0.5	3.33	2.53 No	0.32 Thermal Discharging	
RIV073	210	'5440185_/5440200'	8.3	10	10	0.968	1.5	10	7.6 No	0.968 Thermal Discharging	
RIV073	211	'44972682_/5469187'	2.7								

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RIV073	213	'5445550_/_5445547'		4.13	6.67	6.67	0.648	1	6.67	5.07 No	0.648 Thermal Discharging
RIV073	214	'5440062_/_5440072'		3.17	3.33	3.33	0.32	0.5	3.33	2.53 No	0.32 Thermal Discharging
RIV073	215	'5451825_/_5451822'		9.1	10	10	0.968	3.7	10	7.6 No	0.968 Thermal Discharging
RIV073	216	'5440117_/_5440114'		3.13	3.33	3.33	0.32	0.5	3.33	2.53 No	0.32 Thermal Discharging
RIV073	217	'5438288_/_5438286'		2.23	3.33	3.33	0.32	0.5	3.33	2.53 No	0.32 Thermal Discharging
RIV073	218	'110327501_/_110327498'		7.9	10	10	0.968	1.5	10	7.6 No	0.968 Thermal Discharging
RIV073	219	'5451966_/_5451983_2'		8.8	10	10	0.968	3.2	10	7.6 No	0.968 Thermal Discharging
RIV073	220	'43888799_/_43888801'		5	10	10	0.968	1.5	10	7.6 No	0.968 Thermal Discharging
RIV073	221	'5439965_/_43714158'		2.7	3.33	3.33	0.32	0.5	3.33	2.53 No	0.32 Thermal Discharging
RIV073	222	'5451911_/_5451983_1'		8.8	10	10	0.968	1.5	10	7.6 No	0.968 Thermal Discharging
RIV073	223	'7400156_/_8658114_1'		6.1	10	10	0.968	1.5	10	7.6 No	0.968 Thermal Discharging
RIV073	224	'5440184_/_5440182'		7.4	10	10	0.968	1.5	10	7.6 No	0.968 Thermal Discharging
RIV073	225	'5445499_/_5445496'		5.8	10	10	0.968	1.5	10	7.6 No	0.968 Thermal Discharging
RIV073	226	'43889954_/_43889956'		4.8	10	10	0.968	1.5	10	7.6 No	0.968 Thermal Discharging
RIV073	227	'5440143_/_5440140'		2.2	3.33	3.33	0.32	0.5	3.33	2.53 No	0.32 Thermal Discharging
RIV073	228	'103113345_/_110327524'		7.2	10	10	0.968	1.5	10	7.6 No	0.968 Thermal Discharging
RIV073	229	'422453682_/_422453679'		2.07	3.33	3.33	0.32	0.5	3.33	2.53 No	0.32 Thermal Discharging
RIV073	230	'383291317_/_383291277_1'		1.93	3.33	3.33	0.32	0.3	3.33	2.53 No	0.3 Element Fault
RIV073	231	'5446531_/_5451839'		7.8	10	10	0.968	3.7	10	7.6 No	0.968 Thermal Discharging
RIV073	232	'5440061_/_5440059'		2.77	3.33	3.33	0.32	0.5	3.33	2.53 No	0.32 Thermal Discharging
RIV073	233	'5439964_/_5439962'		2.47	3.33	3.33	0.32	0.5	3.33	2.53 No	0.32 Thermal Discharging
RIV073	234	'5451808_/_5451909'		7.6	10	10	0.968	1.5	10	7.6 No	0.968 Thermal Discharging
RIV073	235	'43712915_/_43712917'		1.9	3.33	3.33	0.32	0.5	3.33	2.53 No	0.32 Thermal Discharging
RIV073	236	'5438616_/_5438626'		2.13	3.33	3.33	0.32	0.5	3.33	2.53 No	0.32 Thermal Discharging
RIV073	237	'5440155_/_5440153'		2.07	3.33	3.33	0.32	0.5	3.33	2.53 No	0.32 Thermal Discharging
RIV073	238	'5445568_/_5445565'		3.6	6.67	6.67	0.648	1	6.67	5.07 No	0.648 Thermal Discharging
RIV073	239	'5445514_/_5445511'		5.3	10	10	0.968	1.5	10	7.6 No	0.968 Thermal Discharging
RIV073	240	'5451896_/_5451946'		7	10	10	0.968	1.5	10	7.6 No	0.968 Thermal Discharging
RIV073	241	'131971953_/_383291277_2'		1.93	3.33	3.33	0.32	0.3	3.33	2.53 No	0.3 Element Fault
RIV073	242	'6296118_/_6296132'		4.3	10	10	0.968	1.5	10	7.6 No	0.968 Thermal Discharging
RIV073	243	'5438406_/_5438429'		1.77	3.33	3.33	0.32	0.5	3.33	2.53 No	0.32 Thermal Discharging
RIV073	244	'5438615_/_43713011'		2	3.33	3.33	0.32	0.5	3.33	2.53 No	0.32 Thermal Discharging
RIV073	245	'43717142_/_5446529'		6.7	10	10	0.968	3.7	10	7.6 No	0.968 Thermal Discharging
RIV073	246	'5440172_/_5440169'		1.9	3.33	3.33	0.32	0.5	3.33	2.53 No	0.32 Thermal Discharging
RIV073	247	'43718777_/_5451805'		6.3	10	10	0.968	1.5	10	7.6 No	0.968 Thermal Discharging
RIV073	248	'5445532_/_5445529_1'		4.8	10	10	0.968	1.5	10	7.6 No	0.968 Thermal Discharging
RIV073	249	'43888786_/_6296115'		4	10	10	0.968	1.5	10	7.6 No	0.968 Thermal Discharging
RIV073	250	'131971920_/_5445529_2'		4.6	10	10	0.968	1.5	10	7.6 No	0.968 Thermal Discharging
RIV073	251	'6300741_/_6300739'		3.9	10	10	0.968	1.5	10	7.6 No	0.968 Thermal Discharging
RIV073	252	'451109888_/_5441241'		1.73	3.33	3.33	0.32	0.5	3.33	2.53 No	0.32 Thermal Discharging
RIV073	253	'5451895_/_43717133'		2.33	3.33	3.33	0.32	0.5	3.33	2.53 No	0.32 Thermal Discharging
RIV073	254	'5451795_/_43718779'		2.1	3.33	3.33	0.32	0.5	3.33	2.53 No	0.32 Thermal Discharging
RIV073	255	'5438393_/_5438403'		1.53	3.33	3.33	0.32	0.5	3.33	2.53 No	0.32 Thermal Discharging
RIV073	256	'5446549_/_5446546'		5.6	10	10	0.968	3.7	10	7.6 No	0.968 Thermal Discharging
RIV073	257	'43714232_/_451109896'		1.67	3.33	3.33	0.32	0.5	3.33	2.53 No	0.32 Thermal Discharging
RIV073	258	'5445730_/_5445727'		1.6	3.33	3.33	0.32	0.3	3.33	2.53 No	0.3 Element Fault
RIV073	259	'43717597_/_5447639'		5.3	10	10	0.968	3.7	10	7.6 No	0.968 Thermal Discharging
RIV073	260	'5471920_/_43717599'		5.3	10	10	0.968	3.7	10	7.6 No	0.968 Thermal Discharging
RIV073	261	'483188232_/_483188150_1'		1.77	3.33	3.33	0.32	0.3	3.33	2.53 No	0.3 Element Fault
RIV073	262	'5454655_/_5471934'		5.3	10	10	0.968	3.7	10	7.6 No	0.968 Thermal Discharging
RIV073	263	'5473020_/_5473035'		5.3	10	10	0.968	3.7	10	7.6 No	0.968 Thermal Discharging
RIV073	264	'5473003_/_5473018'		5.2	10	10	0.968	3.7	10	7.6 No	0.968 Thermal Discharging
RIV073	265	'43717610_/_5454653'		5.3	10	10	0.968	3.7	10	7.6 No	0.968 Thermal Discharging
RIV073	266	'483188153_/_483188150_2'		1.77	3.33	3.33	0.32	0.3	3.33	2.53 No	0.3 Element Fault
RIV073	267	'5472175_/_5473001'		5.2	10	10	0.968	3.7	10	7.6 No	0.968 Thermal Discharging
RIV073	268	'5454673_/_43717612'		5.2	10	10	0.968	3.7	10	7.6 No	0.968 Thermal Discharging
RIV073	269	'5472217_/_5472214'		5.1	10	10	0.968	3.7	10	7.6 No	0.968 Thermal Discharging
RIV073	270	'5445902_/_5445899'		1.47	3.33	3.33	0.32	0.3	3.33	2.53 No	0.3 Element Fault
RIV073	271	'43717623_/_5454704'		5.2	10	10	0.968	3.7	10	7.6 No	0.968 Thermal Discharging
RIV073	272	'5472237_/_5472234'		5.1	10	10	0.968	3.7	10	7.6 No	0.968 Thermal Discharging
RIV073	273	'276449634_/_5472504_1'		5.1	10	10	0.968	2.4	10	7.6 No	0.968 Thermal Discharging
RIV073	274	'5472427_/_5472424'		5.1	10	10	0.968	3.7	10	7.6 No	0.968 Thermal Discharging
RIV073	275	'43719033_/_5472504_2'		5.1	10	10	0.968	2.4	10	7.6 No	0.968 Thermal Discharging
RIV073	276	'43717636_/_43717625'		5.1	10	10	0.968	3.7	10	7.6 No	0.968 Thermal Discharging
RIV073	277	'5438380_/_5438390'		1.37	3.33	3.33	0.32	0.5	3.33	2.53 No	0.32 Thermal Discharging
RIV073	278	'5472449_/_5472447'		5.1	10	10	0.968	3.7	10	7.6 No	0.968 Thermal Discharging
RIV073	279	'43717650_/_43717638'		5.1	10	10	0.968	3.7	10	7.6 No	0.968 Thermal Discharging
RIV073	280	'346838430_/_5472950_2'		5.1	10	10	0.968	3.7	10	7.6 No	0.968 Thermal Discharging
RIV073	281	'43719019_/_5472521'		5	10	10	0.968	2.4	10	7.6 No	0.968 Thermal Discharging
RIV073	282	'5472410_/_5472464'		5.1	10	10	0.968	3.7	10	7.6 No	0.968 Thermal Discharging
RIV073	283	'7400058_/_7400056_1'		5.1	10	10	0.968	1.5	10	7.6 No	0.968 Thermal Discharging
RIV073	284	'5445742_/_5445740'		1.4	3.33	3.33	0.32	0.3	3.33	2.53 No	0.3 Element Fault
RIV073	285	'5472409_/_5472407'		5	10	10	0.968	3.7	10	7.6 No	0.968 Thermal Discharging
RIV073	286	'5472305_/_5472487'		5	10	10	0.968	3.7	10	7.6 No	0.968 Thermal Discharging
RIV073	287	'5472013_/_5472541'		4.8	10	10	0.968	2.4	10	7.6 No	0.968 Thermal Discharging
RIV073	288	'5472162_/_5472172'		1.73	3.33	3.33	0.32	1.23	3.33	2.53 No	0.32 Thermal Discharging
RIV073	289	'5472304_/_5472302'		5	10	10	0.968	3.7	10	7.6 No	0.968 Thermal Discharging
RIV073	290	'7400078_/_7400076_1'		3.33	6.67	6.67	0.648	1	6.67	5.07 No	0.648 Thermal Discharging
RIV073	291	'7400059_/_7400056_2'		4.8	10	10	0.968	1.5	10	7.6 No	0.968 Thermal Discharging
RIV073	292	'5472322_/_5472336'		4.9	10	10	0.968	3.7	10	7.6 No	0.968 Thermal Discharging
RIV073	293	'5472321_/_5472319'		4.9	10	10	0.968	3.7	10	7.6 No	0.968 Thermal Discharging
RIV073	294	'578829761_/_578829765'		1.3	3.33	3.33	0.32	0.5	3.33	2.53 No	0.32 Thermal Discharging
RIV073	295	'43712904_/_43712906'		1.3	3.33	3.33	0.32	0.5	3.33	2.53 No	0.32 Thermal Discharging
RIV073	296	'578829856_/_578829822_1'		1.3	3.33	3.33	0.32	0.3	3.33	2.53 No	0.3 Element Fault
RIV073	297	'5472254_/_5473086'		4.9	10	10	0.968	3.7	10	7.6 No	0.968 Thermal Discharging
RIV073	298	'43719008_/_5472027'		4.7	10	10	0.968	2.4	10	7.6 No	0.968 Thermal Discharging
RIV073	299	'8333214_/_8333212_1'		4.9	10	10	0.968	1.5	10	7.6 No	0.968 Thermal Discharging
RIV073	300	'5472253_/_5472251'		4.9	10	10	0.968	3.7	10	7.6 No	0.968 Thermal Discharging
RIV073	301	'5472271_/_5472268'		4.9	10	10	0.968	3.7	10	7.6 No	0.968 Thermal Discharging
RIV073	302	'5472561_/_43719008'		4.6	10	10	0.968	2.4	10	7.6 No	0.968 Thermal Discharging
RIV073	303	'5472161_/_5472159'		1.73	3.33	3.33	0.32	1.23	3.33	2.53 No	0.32 Thermal Discharging
RIV073	304	'5472012_/_5472010'		4.6	10	10	0.968	2.4	10	7.6 No	0.968 Thermal Discharging
RIV073	305	'5464967_/_5472285'		4.8	10	10	0.968	3.7	10	7.6 No	0.968 Thermal Discharging
RIV073	306	'65051738_/_65051695_1'		4.6	10	10	0.968	0.9	10	7.6 No	0.9 Element Fault

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RIV073	307	'352796327_/43716882'	1.3	3.33	3.33	0.32	0.3	3.33	2.53	No	0.3 Element Fault
RIV073	308	'5435992_/5464982'	4.8	10	10	0.968	3.7	10	7.6	No	0.968 Thermal Discharging
RIV073	309	'43714192_/43714194'	4.8	10	10	0.968	3.7	10	7.6	No	0.968 Thermal Discharging
RIV073	310	'5471995_/5472984'	4.5	10	10	0.968	2.4	10	7.6	No	0.968 Thermal Discharging
RIV073	311	'5435993_/5435990'	4.8	10	10	0.968	3.7	10	7.6	No	0.968 Thermal Discharging
RIV073	312	'5464950_/5464965'	4.8	10	10	0.968	3.7	10	7.6	No	0.968 Thermal Discharging
RIV073	313	'43714179_/43714181'	4.8	10	10	0.968	3.7	10	7.6	No	0.968 Thermal Discharging
RIV073	314	'8333215_/8333212_2'	4.6	10	10	0.968	1.5	10	7.6	No	0.968 Thermal Discharging
RIV073	315	'5471996_/5471993'	4.5	10	10	0.968	2.4	10	7.6	No	0.968 Thermal Discharging
RIV073	316	'5464934_/5464948'	4.8	10	10	0.968	3.7	10	7.6	No	0.968 Thermal Discharging
RIV073	317	'5472594_/5472609'	4.4	10	10	0.968	2.4	10	7.6	No	0.968 Thermal Discharging
RIV073	318	'5440264_/5464584'	4.7	10	10	0.968	3.7	10	7.6	No	0.968 Thermal Discharging
RIV073	319	'43713860_/5464931'	4.8	10	10	0.968	3.7	10	7.6	No	0.968 Thermal Discharging
RIV073	320	'578829806_/578829822_2'	1.2	3.33	3.33	0.32	0.3	3.33	2.53	No	0.3 Element Fault
RIV073	321	'5464848_/5464914'	4.7	10	10	0.968	3.7	10	7.6	No	0.968 Thermal Discharging
RIV073	322	'5453098_/5453115'	4.7	10	10	0.968	3.7	10	7.6	No	0.968 Thermal Discharging
RIV073	323	'43720264_/5473668'	4.4	10	10	0.968	2.4	10	7.6	No	0.968 Thermal Discharging
RIV073	324	'65051684_/65051695_2'	4.3	10	10	0.968	0.9	10	7.6	No	0.9 Element Fault
RIV073	325	'5452522_/5453095'	4.7	10	10	0.968	3.7	10	7.6	No	0.968 Thermal Discharging
RIV073	326	'9291016_/9291013'	4.3	10	10	0.968	1.5	10	7.6	No	0.968 Thermal Discharging
RIV073	327	'5464849_/5464846'	4.7	10	10	0.968	3.7	10	7.6	No	0.968 Thermal Discharging
RIV073	328	'5464883_/5464897'	4.7	10	10	0.968	3.7	10	7.6	No	0.968 Thermal Discharging
RIV073	329	'5464641_/5464638'	4.5	10	10	0.968	3.5	10	7.6	No	0.968 Thermal Discharging
RIV073	330	'5472577_/5472592'	4.3	10	10	0.968	2.4	10	7.6	No	0.968 Thermal Discharging
RIV073	331	'5464832_/5464863'	4.7	10	10	0.968	3.7	10	7.6	No	0.968 Thermal Discharging
RIV073	332	'5452505_/5452519'	4.6	10	10	0.968	3.7	10	7.6	No	0.968 Thermal Discharging
RIV073	333	'5464621_/5464880'	4.7	10	10	0.968	3.7	10	7.6	No	0.968 Thermal Discharging
RIV073	334	'5452504_/5452502'	4.6	10	10	0.968	3.7	10	7.6	No	0.968 Thermal Discharging
RIV073	335	'5473688_/5473685'	4.3	10	10	0.968	2.4	10	7.6	No	0.968 Thermal Discharging
RIV073	336	'5452488_/5453461'	4.6	10	10	0.968	3.7	10	7.6	No	0.968 Thermal Discharging
RIV073	337	'5438379_/5438377'	1.17	3.33	3.33	0.32	0.5	3.33	2.53	No	0.32 Thermal Discharging
RIV073	338	'7400079_/7400076_2'	3.33	6.67	6.67	0.648	1	6.67	5.07	No	0.648 Thermal Discharging
RIV073	339	'5439556_/5452485'	4.6	10	10	0.968	3.7	10	7.6	No	0.968 Thermal Discharging
RIV073	340	'5472049_/5472047'	4.1	10	10	0.968	2.4	10	7.6	No	0.968 Thermal Discharging
RIV073	341	'43720251_/5473702'	4.2	10	10	0.968	2.4	10	7.6	No	0.968 Thermal Discharging
RIV073	342	'5472578_/5472575'	4.1	10	10	0.968	2.4	10	7.6	No	0.968 Thermal Discharging
RIV073	343	'43713683_/5452468'	4.5	10	10	0.968	3.7	10	7.6	No	0.968 Thermal Discharging
RIV073	344	'7713833_/7713831_1'	4	10	10	0.968	1.5	10	7.6	No	0.968 Thermal Discharging
RIV073	345	'5464604_/5464618'	4.4	10	10	0.968	3.7	10	7.6	No	0.968 Thermal Discharging
RIV073	346	'5439571_/5452451'	4.5	10	10	0.968	3.7	10	7.6	No	0.968 Thermal Discharging
RIV073	347	'5451525_/5452434'	4.5	10	10	0.968	3.7	10	7.6	No	0.968 Thermal Discharging
RIV073	348	'5472690_/43720253'	4.1	10	10	0.968	2.4	10	7.6	No	0.968 Thermal Discharging
RIV073	349	'5464661_/43714292'	4.1	10	10	0.968	3.5	10	7.6	No	0.968 Thermal Discharging
RIV073	350	'56971702_/5472688_1'	4	10	10	0.968	2.4	10	7.6	No	0.968 Thermal Discharging
RIV073	351	'56971674_/5472688_2'	4	10	10	0.968	2.4	10	7.6	No	0.968 Thermal Discharging
RIV073	352	'5451524_/5451522'	4.5	10	10	0.968	3.7	10	7.6	No	0.968 Thermal Discharging
RIV073	353	'5440251_/5440261'	1.4	3.33	3.33	0.32	1	3.33	2.53	No	0.32 Thermal Discharging
RIV073	354	'5445756_/5445753'	1.13	3.33	3.33	0.32	0.3	3.33	2.53	No	0.3 Element Fault
RIV073	355	'56971736_/56971700_1'	4	10	10	0.968	0.9	10	7.6	No	0.9 Element Fault
RIV073	356	'43719279_/43719281'	3.8	10	10	0.968	2.4	10	7.6	No	0.968 Thermal Discharging
RIV073	357	'5472691_/56971671'	4	10	10	0.968	2.4	10	7.6	No	0.968 Thermal Discharging
RIV073	358	'5468048_/5468062'	4.4	10	10	0.968	3.7	10	7.6	No	0.968 Thermal Discharging
RIV073	359	'5435939_/5464601'	4.3	10	10	0.968	3.7	10	7.6	No	0.968 Thermal Discharging
RIV073	360	'5440276_/5440290'	4.1	10	10	0.968	3.2	10	7.6	No	0.968 Thermal Discharging
RIV073	361	'346838445_/5472744_2'	1.33	3.33	3.33	0.32	0.8	3.33	2.53	No	0.32 Thermal Discharging
RIV073	362	'56971703_/56971700_2'	3.9	10	10	0.968	0.9	10	7.6	No	0.9 Element Fault
RIV073	363	'427412728_/427412675_1'	4.3	10	10	0.968	1.6	10	7.6	No	0.968 Thermal Discharging
RIV073	364	'5451491_/5451505'	4.4	10	10	0.968	3.7	10	7.6	No	0.968 Thermal Discharging
RIV073	365	'5468082_/5468092_1'	1.47	3.33	3.33	0.32	0.1	3.33	2.53	No	0.1 Element Fault
RIV073	366	'5451474_/5451488'	4.4	10	10	0.968	3.7	10	7.6	No	0.968 Thermal Discharging
RIV073	367	'5439572_/5439569'	1.5	3.33	3.33	0.32	1.23	3.33	2.53	No	0.32 Thermal Discharging
RIV073	368	'43713670_/5451471'	4.3	10	10	0.968	3.7	10	7.6	No	0.968 Thermal Discharging
RIV073	369	'5439555_/43713812'	1.53	3.33	3.33	0.32	1	3.33	2.53	No	0.32 Thermal Discharging
RIV073	370	'5439333_/5451454'	4.3	10	10	0.968	3.7	10	7.6	No	0.968 Thermal Discharging
RIV073	371	'5470673_/5472770'	3.8	10	10	0.968	2.4	10	7.6	No	0.968 Thermal Discharging
RIV073	372	'7713834_/7713831_2'	3.6	10	10	0.968	1.5	10	7.6	No	0.968 Thermal Discharging
RIV073	373	'5451436_/5451434'	4.3	10	10	0.968	3.7	10	7.6	No	0.968 Thermal Discharging
RIV073	374	'5440784_/5440781'	2.6	6.67	6.67	0.648	2.13	6.67	5.07	No	0.648 Thermal Discharging
RIV073	375	'5470775_/5470858'	3.8	10	10	0.968	2.4	10	7.6	No	0.968 Thermal Discharging
RIV073	376	'5435938_/5435936'	4	10	10	0.968	3.7	10	7.6	No	0.968 Thermal Discharging
RIV073	377	'5472086_/5472084'	3.6	10	10	0.968	2.4	10	7.6	No	0.968 Thermal Discharging
RIV073	378	'8332687_/8657704_1'	4	10	10	0.968	2.4	10	7.6	No	0.968 Thermal Discharging
RIV073	379	'5440250_/5440248'	1.3	3.33	3.33	0.32	1	3.33	2.53	No	0.32 Thermal Discharging
RIV073	380	'5445782_/5445779'	1.07	3.33	3.33	0.32	0.3	3.33	2.53	No	0.3 Element Fault
RIV073	381	'5440277_/5440274'	1.37	3.33	3.33	0.32	1.07	3.33	2.53	No	0.32 Thermal Discharging
RIV073	382	'5468108_/5468092_2'	1.5	3.33	3.33	0.32	0.1	3.33	2.53	No	0.1 Element Fault
RIV073	383	'276449534_/5470773_1'	1.27	3.33	3.33	0.32	0.5	3.33	2.53	No	0.32 Thermal Discharging
RIV073	384	'7386936_/8657704_2_1'	3.9	10	10	0.968	2.4	10	7.6	No	0.968 Thermal Discharging
RIV073	385	'276449540_/5472757_2'	1.27	3.33	3.33	0.32	0.8	3.33	2.53	No	0.32 Thermal Discharging
RIV073	386	'5472746_/5472744_1'	1.33	3.33	3.33	0.32	0.5	3.33	2.53	No	0.32 Thermal Discharging
RIV073	387	'43717763_/5470671'	3.5	10	10	0.968	2.4	10	7.6	No	0.968 Thermal Discharging
RIV073	388	'5445795_/5445808'	1.03	3.33	3.33	0.32	0.3	3.33	2.53	No	0.3 Element Fault
RIV073	389	'5458727_/43714245'	1.2	3.33	3.33	0.32	1	3.33	2.53	No	0.32 Thermal Discharging
RIV073	390	'5458741_/5458738'	2.4	6.67	6.67	0.648	2.13	6.67	5.07	No	0.648 Thermal Discharging
RIV073	391	'5472759_/5472757_1'	1.27	3.33	3.33	0.32	0.5	3.33	2.53	No	0.32 Thermal Discharging
RIV073	392	'7386935_/7386933'	3.7	10	10	0.968	2.4	10	7.6	No	0.968 Thermal Discharging
RIV073	393	'5440316_/43714267'	3.5	10	10	0.968	3.2	10	7.6	No	0.968 Thermal Discharging
RIV073	394	'427412656_/427412675_2'	3.6	10	10	0.968	1.6	10	7.6	No	0.968 Thermal Discharging
RIV073	395	'5458759_/5458756'	2.33	6.67	6.67	0.648	2.13	6.67	5.07	No	0.648 Thermal Discharging
RIV073	396	'5472855_/5472868'	1.33	3.33	3.33	0.32	0.5	3.33	2.53	No	0.32 Thermal Discharging
RIV073	397	'5472789_/5472787'	1.27	3.33	3.33	0.32	0.5	3.33	2.53	No	0.32 Thermal Discharging
RIV073	398	'43717758_/43717765'	3.2	10	10	0.968	2.4	10	7.6	No	0.968 Thermal Discharging
RIV073	399	'5470776_/5470773_2'	1.27	3.33	3.33	0.32	0.5	3.33	2.53	No	0.32 Thermal Discharging
RIV073	400	'43714278_/5458771'	2.27	6.67	6.67	0.648	2.13	6.67	5.07	No	0.648 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RIV073	401	'5445794_/_5445792'		0.93	3.33	3.33	0.32	0.3	3.33	2.53 No	0.3 Element Fault
RIV073	402	'5435460_/_43719070'		2.2	6.67	6.67	0.648	2.13	6.67	5.07 No	0.648 Thermal Discharging
RIV073	403	'5472802_/_5472852'		1.27	3.33	3.33	0.32	0.5	3.33	2.53 No	0.32 Thermal Discharging
RIV073	404	'5470708_/_43717752'		3	10	10	0.968	2.4	10	7.6 No	0.968 Thermal Discharging
RIV073	405	'43717776_/_5470786'		1.27	3.33	3.33	0.32	0.5	3.33	2.53 No	0.32 Thermal Discharging
RIV073	406	'5472829_/_5472839'		1.2	3.33	3.33	0.32	0.5	3.33	2.53 No	0.32 Thermal Discharging
RIV073	407	'5472149_/_5472881'		1.2	3.33	3.33	0.32	0.5	3.33	2.53 No	0.32 Thermal Discharging
RIV073	408	'5472816_/_5472826'		1.2	3.33	3.33	0.32	0.5	3.33	2.53 No	0.32 Thermal Discharging
RIV073	409	'5470802_/_5470799'		1.17	3.33	3.33	0.32	0.5	3.33	2.53 No	0.32 Thermal Discharging
RIV073	410	'5470725_/_5470722'		2.8	10	10	0.968	2.4	10	7.6 No	0.968 Thermal Discharging
RIV073	411	'43717700_/_5472800'		1.17	3.33	3.33	0.32	0.5	3.33	2.53 No	0.32 Thermal Discharging
RIV073	412	'5472734_/_5472813'		1.13	3.33	3.33	0.32	0.5	3.33	2.53 No	0.32 Thermal Discharging
RIV073	413	'5472136_/_5472146'		1.13	3.33	3.33	0.32	0.5	3.33	2.53 No	0.32 Thermal Discharging
RIV073	414	'43717737_/_5470739'		2.6	10	10	0.968	2.4	10	7.6 No	0.968 Thermal Discharging
RIV073	415	'5470635_/_43717702'		1.07	3.33	3.33	0.32	0.5	3.33	2.53 No	0.32 Thermal Discharging
RIV073	416	'5470815_/_5470812'		1.07	3.33	3.33	0.32	0.5	3.33	2.53 No	0.32 Thermal Discharging
RIV073	417	'43717711_/_5470756'		2.5	10	10	0.968	2.4	10	7.6 No	0.968 Thermal Discharging
RIV073	418	'5472652_/_5472731'		1.07	3.33	3.33	0.32	0.5	3.33	2.53 No	0.32 Thermal Discharging
RIV073	419	'43719423_/_5472133'		1.03	3.33	3.33	0.32	0.5	3.33	2.53 No	0.32 Thermal Discharging
RIV073	420	'43717724_/_43717713'		2.5	10	10	0.968	2.4	10	7.6 No	0.968 Thermal Discharging
RIV073	421	'5470840_/_8658134_1'		2.5	10	10	0.968	0.9	10	7.6 No	0.9 Element Fault
RIV073	422	'8658137_/_8658134_2'		2.4	10	10	0.968	0.9	10	7.6 No	0.9 Element Fault
RIV073	423	'5471983_/_5472649'		1	3.33	3.33	0.32	0.5	3.33	2.53 No	0.32 Thermal Discharging
RIV073	424	'5470498_/_5470825'		1	3.33	3.33	0.32	0.5	3.33	2.53 No	0.32 Thermal Discharging
RIV073	425	'5472708_/_5472718'		1	3.33	3.33	0.32	0.5	3.33	2.53 No	0.32 Thermal Discharging
RIV073	426	'5470648_/_5470645'		1	3.33	3.33	0.32	0.5	3.33	2.53 No	0.32 Thermal Discharging
RIV073	427	'5470579_/_5472662'		1	3.33	3.33	0.32	0.5	3.33	2.53 No	0.32 Thermal Discharging
RIV073	428	'5472110_/_5472120'		0.97	3.33	3.33	0.32	0.5	3.33	2.53 No	0.32 Thermal Discharging
RIV073	429	'5472707_/_5472705'		0.97	3.33	3.33	0.32	0.5	3.33	2.53 No	0.32 Thermal Discharging
RIV073	430	'5470499_/_5470496'		0.93	3.33	3.33	0.32	0.5	3.33	2.53 No	0.32 Thermal Discharging
RIV073	431	'5470661_/_5470658'		0.93	3.33	3.33	0.32	0.5	3.33	2.53 No	0.32 Thermal Discharging
RIV073	432	'5471970_/_5471980'		0.93	3.33	3.33	0.32	0.5	3.33	2.53 No	0.32 Thermal Discharging
RIV073	433	'5472109_/_5472107'		0.93	3.33	3.33	0.32	0.5	3.33	2.53 No	0.32 Thermal Discharging
RIV073	434	'43717689_/_5470577'		0.9	3.33	3.33	0.32	0.5	3.33	2.53 No	0.32 Thermal Discharging
RIV073	435	'5472909_/_5472907_2'		0.9	3.33	3.33	0.32	0.5	3.33	2.53 No	0.32 Thermal Discharging
RIV073	436	'5470512_/_5470509'		0.9	3.33	3.33	0.32	0.5	3.33	2.53 No	0.32 Thermal Discharging
RIV073	437	'5471957_/_5471967'		0.87	3.33	3.33	0.32	0.5	3.33	2.53 No	0.32 Thermal Discharging
RIV073	438	'5470593_/_43717691'		0.87	3.33	3.33	0.32	0.5	3.33	2.53 No	0.32 Thermal Discharging
RIV073	439	'43717561_/_5470522'		0.83	3.33	3.33	0.32	0.5	3.33	2.53 No	0.32 Thermal Discharging
RIV073	440	'5470606_/_5470603'		0.83	3.33	3.33	0.32	0.5	3.33	2.53 No	0.32 Thermal Discharging
RIV073	441	'276449254_/_5471954'		0.83	3.33	3.33	0.32	0.5	3.33	2.53 No	0.32 Thermal Discharging
RIV073	442	'5470622_/_5470619'		0.8	3.33	3.33	0.32	0.5	3.33	2.53 No	0.32 Thermal Discharging
RIV073	443	'5470538_/_5470535'		0.8	3.33	3.33	0.32	0.5	3.33	2.53 No	0.32 Thermal Discharging
RIV073	444	'276449287_/_276449258'		0.8	3.3	3.33	0.32	0.5	3.33	2.53 No	0.32 Thermal Discharging
RIV073	445	'276449307_/_276449289'		0.77	3.23	3.33	0.32	0.5	3.33	2.53 No	0.32 Thermal Discharging
RIV073	446	'5470551_/_5470548'		0.77	3.23	3.33	0.32	0.5	3.33	2.53 No	0.32 Thermal Discharging
RIV073	447	'5470564_/_5470561'		0.73	3.1	3.33	0.32	0.5	3.33	2.53 No	0.32 Thermal Discharging
RIV074	0	'RIV074_/_8738980'		10	10	10	0.096	10	10	8.5 No	0.096 Thermal Discharging
RIV074	1	'7757642_/_8738980'		10	10	10	0.096	10	10	8.5 No	0.096 Thermal Discharging
RIV074	2	'7757641_/_7757639'		10	10	10	0.096	10	10	8.5 No	0.096 Thermal Discharging
RIV074	3	'9337583_/_9337600'		10	10	10	0.096	10	10	8.5 No	0.096 Thermal Discharging
RIV074	4	'7444814_/_8078959'		10	10	10	0.096	10	10	8.5 No	0.096 Thermal Discharging
RIV074	5	'7444795_/_7444812'		10	10	10	0.096	10	10	8.5 No	0.096 Thermal Discharging
RIV074	6	'7757961_/_7757959'		10	10	10	0.096	10	10	8.5 No	0.096 Thermal Discharging
RIV074	7	'7444794_/_7444792'		10	10	10	0.096	10	10	8.5 No	0.096 Thermal Discharging
RIV074	8	'8393348_/_8393346'		10	10	10	0.096	10	10	8.5 No	0.096 Thermal Discharging
RIV074	9	'9336443_/_9336440'		10	10	10	0.096	10	10	8.5 No	0.096 Thermal Discharging
RIV074	10	'8078742_/_9337420'		10	10	10	0.096	10	10	8.5 No	0.096 Thermal Discharging
RIV074	11	'8078741_/_8078739'		10	10	10	0.096	10	10	8.5 No	0.096 Thermal Discharging
RIV074	12	'8393369_/_8393366'		10	10	10	0.096	10	10	8.5 No	0.096 Thermal Discharging
RIV074	13	'9023407_/_9650773'		10	10	10	0.096	10	10	8.5 No	0.096 Thermal Discharging
RIV074	14	'8412137_/_9023405'		10	10	10	0.096	10	10	8.5 No	0.096 Thermal Discharging
RIV074	15	'8412136_/_8412134'		10	10	10	0.096	10	10	8.5 No	0.096 Thermal Discharging
RIV074	16	'7441597_/_9021109'		10	10	10	0.096	10	10	8.5 No	0.096 Thermal Discharging
RIV074	17	'54994113_/_7441594'		10	10	10	0.096	10	10	8.5 No	0.096 Thermal Discharging
RIV074	18	'37962984_/_54994136'		10	10	10	0.096	10	10	8.5 No	0.096 Thermal Discharging
RIV074	19	'405045517_/_37962988'		10	10	10	0.096	10	10	8.5 No	0.096 Thermal Discharging
RIV074	20	'37963033_/_37963030'		10	10	10	0.096	10	10	8.5 No	0.096 Thermal Discharging
RIV074	21	'37963019_/_37963016'		10	10	10	0.096	4.7	10	8.5 No	0.096 Thermal Discharging
RIV074	22	'37963005_/_37963002'		10	10	10	0.096	10	10	8.5 No	0.096 Thermal Discharging
RIV074	23	'54994126_/_54994172'		10	10	10	0.096	10	10	8.5 No	0.096 Thermal Discharging
RIV074	24	'7441577_/_9021069'		10	10	10	0.096	10	10	8.5 No	0.096 Thermal Discharging
RIV074	25	'7441557_/_7441574'		10	10	10	0.096	10	10	8.5 No	0.096 Thermal Discharging
RIV074	26	'8390340_/_600504209'		10	10	10	0.096	4.7	10	8.5 No	0.096 Thermal Discharging
RIV074	27	'7441556_/_7441554'		10	10	10	0.096	10	10	8.5 No	0.096 Thermal Discharging
RIV074	28	'118331264_/_118331273'		10	10	10	0.096	10	10	8.5 No	0.096 Thermal Discharging
RIV074	29	'9020543_/_546731967'		8.4	10	10	0.096	4.7	10	8.5 No	0.096 Thermal Discharging
RIV074	30	'600504322_/_600504239_1'		6.9	10	10	0.096	1	10	8.5 No	0.096 Thermal Discharging
RIV074	31	'6265855_/_600504239_2'		6.9	10	10	0.096	1	10	8.5 No	0.096 Thermal Discharging
RIV074	32	'6265834_/_6265852'		5.9	10	10	0.096	1	10	8.5 No	0.096 Thermal Discharging
RIV074	33	'6265872_/_6265869'		5.1	10	10	0.096	1	10	8.5 No	0.096 Thermal Discharging
RIV074	34	'43882872_/_6265832'		4.8	10	10	0.096	1	10	8.5 No	0.096 Thermal Discharging
RIV074	35	'6265888_/_43882874'		3.7	10	10	0.096	1	10	8.5 No	0.096 Thermal Discharging
RIV074	36	'6265911_/_6265909_1'		1.23	3.33	3.33	0.032	0.3	3.33	2.83 No	0.032 Thermal Discharging
RIV074	37	'6265889_/_6265886'		3.5	10	10	0.096	1	10	8.5 No	0.096 Thermal Discharging
RIV074	38	'7754592_/_7754609_1'		3.5	10	10	0.096	0.9	10	8.5 No	0.096 Thermal Discharging
RIV074	39	'43881535_/_6265948'		3.4	10	10	0.096	1	10	8.5 No	0.096 Thermal Discharging
RIV074	40	'7754612_/_7754609_2'		3.4	10	10	0.096	0.9	10	8.5 No	0.096 Thermal Discharging
RIV074	41	'6265912_/_6265909_2'		1.2	3.33	3.33	0.032	0.3	3.33	2.83 No	0.032 Thermal Discharging
RIV074	42	'6266269_/_6266266'		3.3	10	10	0.096	1	10	8.5 No	0.096 Thermal Discharging
RIV074	43	'6265968_/_6265965'		3.3	10	10	0.096	1	10	8.5 No	0.096 Thermal Discharging
RIV074	44	'9334050_/_9334048_1'		3.3	10	10	0.096	0.9	10	8.5 No	0.096 Thermal Discharging
RIV074	45	'6265938_/_6265935'		1.17	3.33	3.33	0.032	0.3	3.33	2.83 No	0.032 Thermal Discharging
RIV074	46	'9334051_/_9334048_2'		3.2	10	10	0.096	0.9	10	8.5 No	0.096 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RIV074	47	'6265985_/_6265982'		3.2	10	10	0.096	1	10	8.5 No	0.096 Thermal Discharging
RIV074	48	'6265607_/_6265999'		3.1	10	10	0.096	1	10	8.5 No	0.096 Thermal Discharging
RIV074	49	'43881513_/_6266016'		1.1	3.33	3.33	0.032	0.3	3.33	2.83 No	0.032 Thermal Discharging
RIV074	50	'43881524_/_6265922'		1.07	3.33	3.33	0.032	0.3	3.33	2.83 No	0.032 Thermal Discharging
RIV074	51	'38033570_/_118331301'		2.7	10	10	0.096	10	10	8.5 No	0.096 Thermal Discharging
RIV074	52	'329868315_/_38033567'		2.7	10	10	0.096	10	10	8.5 No	0.096 Thermal Discharging
RIV074	53	'38033584_/_38033581'		2.7	10	10	0.096	10	10	8.5 No	0.096 Thermal Discharging
RIV074	54	'6265590_/_6265604'		3	10	10	0.096	1	10	8.5 No	0.096 Thermal Discharging
RIV074	55	'7497195_/_7497192'		2.6	10	10	0.096	10	10	8.5 No	0.096 Thermal Discharging
RIV074	56	'6265573_/_6265587'		2.9	10	10	0.096	1	10	8.5 No	0.096 Thermal Discharging
RIV074	57	'6266032_/_6266029'		1.03	3.33	3.33	0.032	0.3	3.33	2.83 No	0.032 Thermal Discharging
RIV074	58	'7742088_/_7742105'		2.6	10	10	0.096	10	10	8.5 No	0.096 Thermal Discharging
RIV074	59	'8700495_/_8700512_1'		2.9	10	10	0.096	0.9	10	8.5 No	0.096 Thermal Discharging
RIV074	60	'8700514_/_8700512_2'		2.8	10	10	0.096	0.9	10	8.5 No	0.096 Thermal Discharging
RIV074	61	'7742087_/_7742085'		2.5	10	10	0.096	10	10	8.5 No	0.096 Thermal Discharging
RIV074	62	'6265556_/_6265570'		2.8	10	10	0.096	1	10	8.5 No	0.096 Thermal Discharging
RIV074	63	'6266045_/_6266042'		1	3.33	3.33	0.032	0.3	3.33	2.83 No	0.032 Thermal Discharging
RIV074	64	'6265925_/_43881526'		1	3.33	3.33	0.032	0.3	3.33	2.83 No	0.032 Thermal Discharging
RIV074	65	'72243045_/_65412044_1'		2.7	10	10	0.096	1	10	8.5 No	0.096 Thermal Discharging
RIV074	66	'7398804_/_8035101'		2.4	10	10	0.096	10	10	8.5 No	0.096 Thermal Discharging
RIV074	67	'152791312_/_427466952'		2.6	10	10	0.096	1	10	8.5 No	0.096 Thermal Discharging
RIV074	68	'43881502_/_6266055'		0.93	3.33	3.33	0.032	0.3	3.33	2.83 No	0.032 Thermal Discharging
RIV074	69	'7398805_/_7398802'		2.3	10	10	0.096	10	10	8.5 No	0.096 Thermal Discharging
RIV074	70	'7712595_/_7712593'		2.2	10	10	0.096	10	10	8.5 No	0.096 Thermal Discharging
RIV074	71	'6266071_/_6266068'		0.9	3.33	3.33	0.032	0.3	3.33	2.83 No	0.032 Thermal Discharging
RIV074	72	'8976124_/_8976141'		2.2	10	10	0.096	10	10	8.5 No	0.096 Thermal Discharging
RIV074	73	'6266084_/_6266081'		0.87	3.33	3.33	0.032	0.3	3.33	2.83 No	0.032 Thermal Discharging
RIV074	74	'8976123_/_8976121'		2.1	10	10	0.096	10	10	8.5 No	0.096 Thermal Discharging
RIV074	75	'9334031_/_65412044_2'		2.3	10	10	0.096	1	10	8.5 No	0.096 Thermal Discharging
RIV074	76	'7711637_/_9289485_3'		2.1	10	10	0.096	10	10	8.5 No	0.096 Thermal Discharging
RIV074	77	'494315843_/_9289485_2'		2.1	10	10	0.096	10	10	8.5 No	0.096 Thermal Discharging
RIV074	78	'5413440_/_9289485_1'		2.1	10	10	0.096	10	10	8.5 No	0.096 Thermal Discharging
RIV074	79	'428472789_/_428472797'		2.1	10	10	0.096	10	10	8.5 No	0.096 Thermal Discharging
RIV074	80	'7107730_/_7107727'		0.83	3.33	3.33	0.032	0.3	3.33	2.83 No	0.032 Thermal Discharging
RIV074	81	'388480021_/_5413438'		2	10	10	0.096	4.7	10	8.5 No	0.096 Thermal Discharging
RIV074	82	'388480358_/_388480123_1'		1.9	10	10	0.096	1.5	10	8.5 No	0.096 Thermal Discharging
RIV074	83	'5413441_/_388480023'		0.67	3.33	3.33	0.032	1.5	3.33	2.83 No	0.032 Thermal Discharging
RIV074	84	'388480126_/_388480123_2'		1.8	10	10	0.096	1.5	10	8.5 No	0.096 Thermal Discharging
RIV074	85	'388480144_/_388480141'		1.7	10	10	0.096	1.5	10	8.5 No	0.096 Thermal Discharging
RIV074	86	'388480162_/_388480159'		1.6	10	10	0.096	1.5	10	8.5 No	0.096 Thermal Discharging
RIV075	0	'RIV075_/_308250036'		10	10	10	0.608	10	10	5.89 No	0.608 Thermal Discharging
RIV075	1	'308249976_/_308250036'		10	10	10	0.608	10	10	5.89 No	0.608 Thermal Discharging
RIV075	2	'326494762_/_308249986_1'		10	10	10	0.608	10	10	5.89 No	0.608 Thermal Discharging
RIV075	3	'257172585_/_308249986_2'		10	10	10	0.608	10	10	5.89 No	0.608 Thermal Discharging
RIV075	4	'257172565_/_257172582'		10	10	10	0.608	10	10	5.89 No	0.608 Thermal Discharging
RIV075	5	'257172545_/_257172562'		10	10	10	0.608	10	10	5.89 No	0.608 Thermal Discharging
RIV075	6	'257172525_/_257172542'		10	10	10	0.608	10	10	5.89 No	0.608 Thermal Discharging
RIV075	7	'257172505_/_257172522'		10	10	10	0.608	10	10	5.89 No	0.608 Thermal Discharging
RIV075	8	'257172485_/_257172502'		10	10	10	0.608	10	10	5.89 No	0.608 Thermal Discharging
RIV075	9	'257172465_/_257172482'		10	10	10	0.608	10	10	5.89 No	0.608 Thermal Discharging
RIV075	10	'257172425_/_257172442'		10	10	10	0.608	10	10	5.89 No	0.608 Thermal Discharging
RIV075	11	'257172405_/_257172422'		10	10	10	0.608	10	10	5.89 No	0.608 Thermal Discharging
RIV075	12	'257172385_/_257172402'		10	10	10	0.608	10	10	5.89 No	0.608 Thermal Discharging
RIV075	13	'257172365_/_257172382'		10	10	10	0.608	10	10	5.89 No	0.608 Thermal Discharging
RIV075	14	'257172345_/_257172362'		10	10	10	0.608	10	10	5.89 No	0.608 Thermal Discharging
RIV075	15	'257172023_/_257172342'		10	10	10	0.608	10	10	5.89 No	0.608 Thermal Discharging
RIV075	16	'257171983_/_257172020'		10	10	10	0.608	10	10	5.89 No	0.608 Thermal Discharging
RIV075	17	'257171963_/_257171980'		10	10	10	0.608	10	10	5.89 No	0.608 Thermal Discharging
RIV075	18	'257171943_/_257171960'		10	10	10	0.608	10	10	5.89 No	0.608 Thermal Discharging
RIV075	19	'257171923_/_257171940'		9.5	10	10	0.608	10	10	5.89 No	0.608 Thermal Discharging
RIV075	20	'319129581_/_257171920'		9.5	10	10	0.608	10	10	5.89 No	0.608 Thermal Discharging
RIV075	21	'308590219_/_308590217'		9.1	10	10	0.608	10	10	5.89 No	0.608 Thermal Discharging
RIV075	22	'257742785_/_319129583'		9	10	10	0.608	10	10	5.89 No	0.608 Thermal Discharging
RIV075	23	'308590237_/_308590235'		8.8	10	10	0.608	10	10	5.89 No	0.608 Thermal Discharging
RIV075	24	'6270356_/_6270354'		8.4	10	10	0.608	10	10	5.89 No	0.608 Thermal Discharging
RIV075	25	'257742767_/_257742783'		8.4	10	10	0.608	10	10	5.89 No	0.608 Thermal Discharging
RIV075	26	'308590255_/_308590253'		8.3	10	10	0.608	10	10	5.89 No	0.608 Thermal Discharging
RIV075	27	'257742749_/_257742765'		7.9	10	10	0.608	10	10	5.89 No	0.608 Thermal Discharging
RIV075	28	'308590273_/_308590271'		7.9	10	10	0.608	10	10	5.89 No	0.608 Thermal Discharging
RIV075	29	'257742731_/_257742747'		7.6	10	10	0.608	10	10	5.89 No	0.608 Thermal Discharging
RIV075	30	'308590297_/_308590295'		7.6	10	10	0.608	10	10	5.89 No	0.608 Thermal Discharging
RIV075	31	'308590315_/_308590313'		7.4	10	10	0.608	10	10	5.89 No	0.608 Thermal Discharging
RIV075	32	'257742713_/_257742729'		7.3	10	10	0.608	10	10	5.89 No	0.608 Thermal Discharging
RIV075	33	'308590355_/_308590353'		7	10	10	0.608	10	10	5.89 No	0.608 Thermal Discharging
RIV075	34	'317053957_/_257742711'		6.9	10	10	0.608	10	10	5.89 No	0.608 Thermal Discharging
RIV075	35	'308590373_/_308590371'		6.8	10	10	0.608	10	10	5.89 No	0.608 Thermal Discharging
RIV075	36	'6270527_/_6270524_3'		6.6	10	10	0.608	10	10	5.89 No	0.608 Thermal Discharging
RIV075	37	'308590391_/_308590389'		6.6	10	10	0.608	10	10	5.89 No	0.608 Thermal Discharging
RIV075	38	'43881442_/_6271847'		6.4	10	10	0.608	10	10	5.89 No	0.608 Thermal Discharging
RIV075	39	'308590409_/_308590407'		6.3	10	10	0.608	10	10	5.89 No	0.608 Thermal Discharging
RIV075	40	'6270543_/_43881444'		6.1	10	10	0.608	10	10	5.89 No	0.608 Thermal Discharging
RIV075	41	'308590427_/_308590425'		6.1	10	10	0.608	10	10	5.89 No	0.608 Thermal Discharging
RIV075	42	'6270544_/_6270541'		6	10	10	0.608	10	10	5.89 No	0.608 Thermal Discharging
RIV075	43	'308590445_/_308590443'		5.9	10	10	0.608	10	10	5.89 No	0.608 Thermal Discharging
RIV075	44	'6270578_/_6270575'		5.8	10	10	0.608	10	10	5.89 No	0.608 Thermal Discharging
RIV075	45	'319852041_/_6270592'		5.7	10	10	0.608	10	10	5.89 No	0.608 Thermal Discharging
RIV075	46	'312854726_/_312854736'		5.7	10	10	0.608	10	10	5.89 No	0.608 Thermal Discharging
RIV075	47	'6306921_/_7107798'		5.5	10	10	0.608	10	10	5.89 No	0.608 Thermal Discharging
RIV075	48	'43881303_/_312854852'		5.6	10	10	0.608	10	10	5.89 No	0.608 Thermal Discharging
RIV075	49	'319852110_/_6265642_1'		5.7	10	10	0.608	1.6	10	5.89 No	0.608 Thermal Discharging
RIV075	50	'6306922_/_6306919'		5.4	10	10	0.608	10	10	5.89 No	0.608 Thermal Discharging
RIV075	51	'312854688_/_312854704'		5.5	10	10	0.608	10	10	5.89 No	0.608 Thermal Discharging
RIV075	52	'322759852_/_322759729_2'		5.5	10	10	0.608	10	10	5.89 No	0.608 Thermal Discharging
RIV075	53	'6265182_/_322759729_1'		5.5	10	10	0.608	10	10	5.89 No	0.608 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RIV075		54 '6306939_/_6306936'		5.3	10	10	0.608	10	10	5.89 No	0.608 Thermal Discharging
RIV075		55 '54994298_/_6306990'		5.3	10	10	0.608	10	10	5.89 No	0.608 Thermal Discharging
RIV075		56 '6265165_/_322759869'		5.3	10	10	0.608	10	10	5.89 No	0.608 Thermal Discharging
RIV075		57 '312854677_/_312854686'		5.3	10	10	0.608	10	10	5.89 No	0.608 Thermal Discharging
RIV075		58 '6306870_/_6306902'		5.2	10	10	0.608	10	10	5.89 No	0.608 Thermal Discharging
RIV075		59 '345864037_/_322759517_1'		5.3	10	10	0.608	3.3	10	5.89 No	0.608 Thermal Discharging
RIV075		60 '43881290_/_322759917'		5.2	10	10	0.608	10	10	5.89 No	0.608 Thermal Discharging
RIV075		61 '43886700_/_6306868'		5.1	10	10	0.608	10	10	5.89 No	0.608 Thermal Discharging
RIV075		62 '312854637_/_312854652'		5.2	10	10	0.608	10	10	5.89 No	0.608 Thermal Discharging
RIV075		63 '43890736_/_43890738'		5	10	10	0.608	10	10	5.89 No	0.608 Thermal Discharging
RIV075		64 '6303169_/_6307024'		4.9	10	10	0.608	10	10	5.89 No	0.608 Thermal Discharging
RIV075		65 '6265645_/_6265642_2'		4.9	10	10	0.608	1.6	10	5.89 No	0.608 Thermal Discharging
RIV075		66 '43890684_/_6303167'		4.9	10	10	0.608	10	10	5.89 No	0.608 Thermal Discharging
RIV075		67 '349837337_/_6265142_2'		5	10	10	0.608	3.4	10	5.89 No	0.608 Thermal Discharging
RIV075		68 '312854619_/_312854634'		5	10	10	0.608	10	10	5.89 No	0.608 Thermal Discharging
RIV075		69 '43890697_/_43890686'		4.8	10	10	0.608	10	10	5.89 No	0.608 Thermal Discharging
RIV075		70 '312854601_/_312854616'		4.9	10	10	0.608	10	10	5.89 No	0.608 Thermal Discharging
RIV075		71 '312854583_/_312854598'		4.8	10	10	0.608	10	10	5.89 No	0.608 Thermal Discharging
RIV075		72 '322759222_/_322759747'		4.7	10	10	0.608	10	10	5.89 No	0.608 Thermal Discharging
RIV075		73 '316279503_/_316279508'		4.7	10	10	0.608	10	10	5.89 No	0.608 Thermal Discharging
RIV075		74 '322759216_/_316279500'		4.7	10	10	0.608	10	10	5.89 No	0.608 Thermal Discharging
RIV075		75 '322759228_/_316279516'		4.7	10	10	0.608	5	10	5.89 No	0.608 Thermal Discharging
RIV075		76 '322759234_/_316279524'		4.7	10	10	0.608	4.7	10	5.89 No	0.608 Thermal Discharging
RIV075		77 '312854564_/_312854580'		4.7	10	10	0.608	10	10	5.89 No	0.608 Thermal Discharging
RIV075		78 '6265666_/_6265663'		4.5	10	10	0.608	1.6	10	5.89 No	0.608 Thermal Discharging
RIV075		79 '316279393_/_322759301'		4.6	10	10	0.608	4.7	10	5.89 No	0.608 Thermal Discharging
RIV075		80 '312854547_/_312854562'		4.6	10	10	0.608	10	10	5.89 No	0.608 Thermal Discharging
RIV075		81 '473383270_/_6265678_1'		4.4	10	10	0.608	0.9	10	5.89 No	0.608 Thermal Discharging
RIV075		82 '473383250_/_7107756_1'		1.47	3.33	3.33	0.2	0.3	3.33	1.96 No	0.2 Thermal Discharging
RIV075		83 '446629144_/_446629146'		4.4	10	10	0.608	10	10	5.89 No	0.608 Thermal Discharging
RIV075		84 '6265128_/_6265142_1'		4.3	10	10	0.608	1.6	10	5.89 No	0.608 Thermal Discharging
RIV075		85 '322759366_/_322759385'		4.3	10	10	0.608	5	10	5.89 No	0.608 Thermal Discharging
RIV075		86 '7755139_/_7755137_1'		4.3	10	10	0.608	1.6	10	5.89 No	0.608 Thermal Discharging
RIV075		87 '446629264_/_446629266'		4.4	10	10	0.608	10	10	5.89 No	0.608 Thermal Discharging
RIV075		88 '347920995_/_322759473_1'		3.7	10	10	0.608	3.3	10	5.89 No	0.608 Thermal Discharging
RIV075		89 '312854511_/_312854526'		4.2	10	10	0.608	10	10	5.89 No	0.608 Thermal Discharging
RIV075		90 '258374673_/_312854508'		4.1	10	10	0.608	10	10	5.89 No	0.608 Thermal Discharging
RIV075		91 '7755140_/_7755137_2'		3.9	10	10	0.608	1.6	10	5.89 No	0.608 Thermal Discharging
RIV075		92 '258374655_/_258374670'		4	10	10	0.608	10	10	5.89 No	0.608 Thermal Discharging
RIV075		93 '58162442_/_6265693_1'		3.8	10	10	0.608	1.6	10	5.89 No	0.608 Thermal Discharging
RIV075		94 '6289970_/_7107756_2'		1.27	3.33	3.33	0.2	0.3	3.33	1.96 No	0.2 Thermal Discharging
RIV075		95 '6265696_/_6265693_2'		3.8	10	10	0.608	1.6	10	5.89 No	0.608 Thermal Discharging
RIV075		96 '6265681_/_6265678_2'		3.8	10	10	0.608	0.9	10	5.89 No	0.608 Thermal Discharging
RIV075		97 '58162451_/_58162355_2'		3.8	10	10	0.608	1.6	10	5.89 No	0.608 Thermal Discharging
RIV075		98 '258374637_/_258374652'		3.9	10	10	0.608	10	10	5.89 No	0.608 Thermal Discharging
RIV075		99 '6265111_/_6265125'		3.7	10	10	0.608	1.6	10	5.89 No	0.608 Thermal Discharging
RIV075		100 '258374619_/_258374634'		3.9	10	10	0.608	10	10	5.89 No	0.608 Thermal Discharging
RIV075		101 '322759454_/_322759517_2'		3.7	10	10	0.608	3.3	10	5.89 No	0.608 Thermal Discharging
RIV075		102 '258374601_/_258374616'		3.8	10	10	0.608	10	10	5.89 No	0.608 Thermal Discharging
RIV075		103 '6265756_/_6265753'		2.4	6.67	6.67	0.408	1.07	6.67	3.92 No	0.408 Thermal Discharging
RIV075		104 '258374583_/_258374598'		3.8	10	10	0.608	10	10	5.89 No	0.608 Thermal Discharging
RIV075		105 '258374565_/_258374580'		3.7	10	10	0.608	10	10	5.89 No	0.608 Thermal Discharging
RIV075		106 '477288088_/_258374562'		3.7	10	10	0.608	10	10	5.89 No	0.608 Thermal Discharging
RIV075		107 '258374529_/_258374544'		3.6	10	10	0.608	10	10	5.89 No	0.608 Thermal Discharging
RIV075		108 '6265711_/_6265723'		3.4	10	10	0.608	0.9	10	5.89 No	0.608 Thermal Discharging
RIV075		109 '6289971_/_6289968'		1.1	3.33	3.33	0.2	0.3	3.33	1.96 No	0.2 Thermal Discharging
RIV075		110 '258374319_/_258374526'		3.5	10	10	0.608	10	10	5.89 No	0.608 Thermal Discharging
RIV075		111 '6265094_/_6265108'		3.4	10	10	0.608	1.6	10	5.89 No	0.608 Thermal Discharging
RIV075		112 '58162348_/_58162355_1'		3.3	10	10	0.608	1	10	5.89 No	0.608 Thermal Discharging
RIV075		113 '258374339_/_258374317'		3.5	10	10	0.608	10	10	5.89 No	0.608 Thermal Discharging
RIV075		114 '43881479_/_6265771'		2.2	6.67	6.67	0.408	1.07	6.67	3.92 No	0.408 Thermal Discharging
RIV075		115 '7107775_/_43886715'		1.07	3.33	3.33	0.2	0.53	3.33	1.96 No	0.2 Thermal Discharging
RIV075		116 '6266097_/_6266094'		1.07	3.33	3.33	0.2	0.53	3.33	1.96 No	0.2 Thermal Discharging
RIV075		117 '253300539_/_253300536'		3.4	10	10	0.608	10	10	5.89 No	0.608 Thermal Discharging
RIV075		118 '253300676_/_253300673'		3.3	10	10	0.608	10	10	5.89 No	0.608 Thermal Discharging
RIV075		119 '277059408_/_253300693'		3.3	10	10	0.608	10	10	5.89 No	0.608 Thermal Discharging
RIV075		120 '308565712_/_308565679_3'		3.3	10	10	0.608	10	10	5.89 No	0.608 Thermal Discharging
RIV075		121 '6265710_/_6265708'		3	10	10	0.608	0.9	10	5.89 No	0.608 Thermal Discharging
RIV075		122 '6265074_/_6265091'		3.1	10	10	0.608	1.6	10	5.89 No	0.608 Thermal Discharging
RIV075		123 '43881467_/_43881481'		2	6.67	6.67	0.408	1.07	6.67	3.92 No	0.408 Thermal Discharging
RIV075		124 '6266113_/_6266110'		0.97	3.33	3.33	0.2	0.53	3.33	1.96 No	0.2 Thermal Discharging
RIV075		125 '308566090_/_308565679_2'		3.1	10	10	0.608	10	10	5.89 No	0.608 Thermal Discharging
RIV075		126 '477493139_/_43881457'		2.8	10	10	0.608	0.9	10	5.89 No	0.608 Thermal Discharging
RIV075		127 '253300756_/_308565679_1'		3.1	10	10	0.608	10	10	5.89 No	0.608 Thermal Discharging
RIV075		128 '253300796_/_253300793'		3	10	10	0.608	10	10	5.89 No	0.608 Thermal Discharging
RIV075		129 '43881277_/_43881279'		2.8	9.7	10	0.608	1.6	10	5.89 No	0.608 Thermal Discharging
RIV075		130 '45284172_/_6265804'		1.87	6.6	6.67	0.408	1.07	6.67	3.92 No	0.408 Thermal Discharging
RIV075		131 '277059268_/_277059265'		3	10	10	0.608	10	10	5.89 No	0.608 Thermal Discharging
RIV075		132 '58162412_/_58162419'		2.7	9.6	10	0.608	1	10	5.89 No	0.608 Thermal Discharging
RIV075		133 '277059288_/_277059285'		2.9	9.8	10	0.608	10	10	5.89 No	0.608 Thermal Discharging
RIV075		134 '6266126_/_6266123'		0.9	3.17	3.33	0.2	0.53	3.33	1.96 No	0.2 Thermal Discharging
RIV075		135 '277059308_/_277059305'		2.9	9.7	10	0.608	10	10	5.89 No	0.608 Thermal Discharging
RIV075		136 '308566009_/_477288668'		2.9	9.5	10	0.608	10	10	5.89 No	0.608 Thermal Discharging
RIV075		137 '277059775_/_277059701'		2.9	9.5	10	0.608	10	10	5.89 No	0.608 Thermal Discharging
RIV075		138 '329868506_/_329868440_1'		2.9	9.5	10	0.608	10	10	5.89 No	0.608 Thermal Discharging
RIV075		139 '329868530_/_329868468_1'		2.9	9.5	10	0.608	10	10	5.89 No	0.608 Thermal Discharging
RIV075		140 '6266138_/_6266201'		0.87	3.03	3.33	0.2	0.53	3.33	1.96 No	0.2 Thermal Discharging
RIV075		141 '329868391_/_329868468_2'		2.8	9.4	10	0.608	10	10	5.89 No	0.608 Thermal Discharging
RIV075		142 '38033563_/_329868440_2'		2.8	9.3	10	0.608	10	10	5.89 No	0.608 Thermal Discharging
RIV075		143 '8132383_/_8132381'		2.8	9.1	10	0.608	10	10	5.89 No	0.608 Thermal Discharging
RIV075		144 '6266139_/_6266136'		0.83	2.9	3.33	0.2	0.53	3.33	1.96 No	0.2 Thermal Discharging
RIV075		145 '43882583_/_54097574'		2.5	8.6	10	0.608	1.6	10	5.89 No	0.608 Thermal Discharging
RIV075		146 '7712275_/_9703976'		2.7	8.9	10	0.608	10	10	5.89 No	0.608 Thermal Discharging
RIV075		147 '6269563_/_6269560_2'		0.83	2.83	3.33	0.2	0.53	3.33	1.96 No	0.2 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RIV075	148	'43886735_/7107785'	0.8	2.8	3.33	0.2	0.53	3.33	1.96 No	0.2	Thermal Discharging
RIV075	149	'7712276_/7712273'	2.6	8.5	10	0.608	10	10	5.89 No	0.608	Thermal Discharging
RIV075	150	'6265821_/6272549'	0.8	2.73	3.33	0.2	0.53	3.33	1.96 No	0.2	Thermal Discharging
RIV075	151	'8035044_/8035041'	2.5	8.2	10	0.608	10	10	5.89 No	0.608	Thermal Discharging
RIV075	152	'54097477_/54097474'	2.3	7.9	10	0.608	1.6	10	5.89 No	0.608	Thermal Discharging
RIV075	153	'54097541_/54097507_1'	2.3	7.9	10	0.608	1.5	10	5.89 No	0.608	Thermal Discharging
RIV075	154	'6266151_/6272562'	0.77	2.67	3.33	0.2	0.53	3.33	1.96 No	0.2	Thermal Discharging
RIV075	155	'6289984_/6289981'	0.77	2.63	3.33	0.2	0.53	3.33	1.96 No	0.2	Thermal Discharging
RIV075	156	'52384441_/52384447'	2.5	8	10	0.608	10	10	5.89 No	0.608	Thermal Discharging
RIV075	157	'52384305_/9289565'	2.5	8	10	0.608	10	9.99	5.89 No	0.608	Thermal Discharging
RIV075	158	'404449259_/418512073'	2.5	8	10	0.608	10	9.99	5.89 No	0.608	Thermal Discharging
RIV075	159	'418511819_/418512081'	2.5	8	10	0.608	10	9.99	5.89 No	0.608	Thermal Discharging
RIV075	160	'52384329_/418512089'	2.5	8	10	0.608	10	9.99	5.89 No	0.608	Thermal Discharging
RIV075	161	'54097500_/54097507_2'	2.3	7.7	10	0.608	1.5	10	5.89 No	0.608	Thermal Discharging
RIV075	162	'52384404_/8656016'	2.5	7.9	10	0.608	10	9.96	5.89 No	0.608	Thermal Discharging
RIV075	163	'6264116_/6269560_1'	0.8	2.53	3.33	0.2	0.3	3.33	1.96 No	0.2	Thermal Discharging
RIV075	164	'120298210_/418511923'	2.4	7.8	10	0.608	10	9.88	5.89 No	0.608	Thermal Discharging
RIV075	165	'120298211_/120298208'	2.4	7.8	10	0.608	10	9.87	5.89 No	0.608	Thermal Discharging
RIV075	166	'428092101_/120298217'	2.4	7.8	10	0.608	10	9.87	5.89 No	0.608	Thermal Discharging
RIV075	167	'8656019_/52384410'	2.4	7.7	10	0.608	10	9.78	5.89 No	0.608	Thermal Discharging
RIV075	168	'5423999_/120298300'	2.4	7.7	10	0.608	5.6	9.76	5.89 No	0.608	Thermal Discharging
RIV075	169	'6289958_/7107743'	0.73	2.5	3.33	0.2	0.53	3.33	1.96 No	0.2	Thermal Discharging
RIV075	170	'6265822_/6265819'	0.73	2.47	3.33	0.2	0.53	3.33	1.96 No	0.2	Thermal Discharging
RIV075	171	'6302414_/6302411'	0.7	2.47	3.33	0.2	0.53	3.33	1.96 No	0.2	Thermal Discharging
RIV075	172	'6266152_/6266149'	0.7	2.43	3.33	0.2	0.53	3.33	1.96 No	0.2	Thermal Discharging
RIV075	173	'6264117_/6264114'	0.77	2.37	3.33	0.2	0.3	3.33	1.96 No	0.2	Thermal Discharging
RIV075	174	'6266165_/6266162'	0.67	2.3	3.33	0.2	0.53	3.26	1.96 No	0.2	Thermal Discharging
RIV075	175	'6289957_/6289955'	0.67	2.3	3.33	0.2	0.53	3.25	1.96 No	0.2	Thermal Discharging
RIV075	176	'6264130_/6264127'	0.7	2.2	3.33	0.2	0.3	3.17	1.96 No	0.2	Thermal Discharging
RIV075	177	'6266178_/6266175'	0.63	2.2	3.33	0.2	0.53	3.13	1.96 No	0.2	Thermal Discharging
RIV075	178	'43890627_/43890629'	0.63	2.1	3.33	0.2	0.53	3.03	1.96 No	0.2	Thermal Discharging
RIV075	179	'6264143_/6264140'	0.67	2.07	3.33	0.2	0.3	3	1.96 No	0.2	Thermal Discharging
RIV075	180	'6266191_/6266188'	0.6	2.03	3.33	0.2	0.53	2.93	1.96 No	0.2	Thermal Discharging
RIV075	181	'43881051_/6264195'	0.63	1.97	3.33	0.2	0.3	2.91	1.96 No	0.2	Thermal Discharging
RIV075	182	'6264198_/8700358_1'	0.63	1.97	3.33	0.2	0.2	2.88	1.96 No	0.2	Thermal Discharging
RIV075	183	'6302401_/6302424'	0.57	1.97	3.33	0.2	0.53	2.86	1.96 No	0.2	Thermal Discharging
RIV075	184	'6264156_/6264153'	0.6	1.93	3.33	0.2	0.3	2.85	1.96 No	0.2	Thermal Discharging
RIV075	185	'6302400_/6302398'	0.53	1.83	3.33	0.2	0.53	2.7	1.96 No	0.2	Thermal Discharging
RIV075	186	'6264169_/6264166'	0.57	1.8	3.33	0.2	0.3	2.7	1.96 No	0.2	Thermal Discharging
RIV075	187	'6303376_/6303988'	0.53	1.8	3.33	0.2	0.53	2.64	1.96 No	0.2	Thermal Discharging
RIV075	188	'6264182_/43881042'	0.53	1.7	3.33	0.2	0.2	2.57	1.96 No	0.2	Thermal Discharging
RIV075	189	'6303377_/6303374'	0.5	1.7	3.33	0.2	0.53	2.52	1.96 No	0.2	Thermal Discharging
RIV075	190	'7754632_/8390374'	0.5	1.53	3.33	0.2	0.2	2.34	1.96 No	0.2	Thermal Discharging
RIV075	191	'8390226_/8700358_2'	0.5	1.53	3.33	0.2	0.2	2.34	1.96 No	0.2	Thermal Discharging
RIV075	192	'7754631_/7754629'	0.5	1.53	3.33	0.2	0.2	2.32	1.96 No	0.2	Thermal Discharging
RIV075	193	'8390227_/8390224'	0.5	1.53	3.33	0.2	0.2	2.31	1.96 No	0.2	Thermal Discharging
RIV075	194	'453421678_/9647023'	0.47	1.47	3.33	0.2	0.2	2.25	1.96 No	0.2	Thermal Discharging
RIV075	195	'9647026_/453421698'	0.47	1.47	3.33	0.2	0.2	2.22	1.96 No	0.2	Thermal Discharging
RIV076	0	'RIV076_/9369690'	10	10	10	1.528	10	10	4.87 No	1.528	Thermal Discharging
RIV076	1	'9023328_/9369690'	10	10	10	1.528	10	10	4.87 No	1.528	Thermal Discharging
RIV076	2	'8704358_/9023325'	10	10	10	1.528	10	10	4.87 No	1.528	Thermal Discharging
RIV076	3	'7444835_/8704356'	10	10	10	1.528	10	10	4.87 No	1.528	Thermal Discharging
RIV076	4	'7757922_/8704496'	10	10	10	1.528	10	10	4.87 No	1.528	Thermal Discharging
RIV076	5	'7444895_/7757919'	10	10	10	1.528	10	10	4.87 No	1.528	Thermal Discharging
RIV076	6	'7444894_/7444892'	10	10	10	1.528	10	10	4.87 No	1.528	Thermal Discharging
RIV076	7	'9023348_/9650953'	10	10	10	1.528	10	10	4.87 No	1.528	Thermal Discharging
RIV076	8	'9023347_/9023345'	10	10	10	1.528	10	10	4.87 No	1.528	Thermal Discharging
RIV076	9	'7757742_/9650713'	10	10	10	1.528	10	10	4.87 No	1.528	Thermal Discharging
RIV076	10	'7757741_/7757739'	10	10	10	1.528	10	10	4.87 No	1.528	Thermal Discharging
RIV076	11	'7444694_/9650793'	10	10	10	1.528	10	10	4.87 No	1.528	Thermal Discharging
RIV076	12	'7444695_/7444692'	10	10	10	1.528	10	10	4.87 No	1.528	Thermal Discharging
RIV076	13	'8412156_/8412154'	10	10	10	1.528	10	10	4.87 No	1.528	Thermal Discharging
RIV076	14	'8075934_/9647391'	10	10	10	1.528	10	10	4.87 No	1.528	Thermal Discharging
RIV076	15	'8075933_/8075931'	10	10	10	1.528	10	10	4.87 No	1.528	Thermal Discharging
RIV076	16	'8075914_/9647331'	9.9	10	10	1.528	10	10	4.87 No	1.528	Thermal Discharging
RIV076	17	'7754900_/8075911'	8.6	10	10	1.528	10	10	4.87 No	1.528	Thermal Discharging
RIV076	18	'7754899_/7754897'	7.9	10	10	1.528	10	10	4.87 No	1.528	Thermal Discharging
RIV076	19	'8700831_/9334892_1'	7.5	10	10	1.528	10	10	4.87 No	1.528	Thermal Discharging
RIV076	20	'43882920_/9334892_2'	7.5	10	10	1.528	10	10	4.87 No	1.528	Thermal Discharging
RIV076	21	'6270390_/6270388'	7.4	10	10	1.528	10	10	4.87 No	1.528	Thermal Discharging
RIV076	22	'499744589_/499744487_2'	7.4	10	10	1.528	10	10	4.87 No	1.528	Thermal Discharging
RIV076	23	'6270408_/6270405'	7.1	10	10	1.528	10	10	4.87 No	1.528	Thermal Discharging
RIV076	24	'43881391_/6270422'	6.9	10	10	1.528	10	10	4.87 No	1.528	Thermal Discharging
RIV076	25	'6271555_/6271552'	6.8	10	10	1.528	10	10	4.87 No	1.528	Thermal Discharging
RIV076	26	'6271609_/6271572'	6.6	10	10	1.528	10	10	4.87 No	1.528	Thermal Discharging
RIV076	27	'499744461_/499744487_1'	6.6	10	10	1.528	10	10	4.87 No	1.528	Thermal Discharging
RIV076	28	'6271521_/6271623'	6.3	10	10	1.528	10	10	4.87 No	1.528	Thermal Discharging
RIV076	29	'6271522_/6271534_1'	6.3	10	10	1.528	1.5	10	4.87 No	1.5	Element Fault
RIV076	30	'76701317_/6271589'	6.1	10	10	1.528	10	10	4.87 No	1.528	Thermal Discharging
RIV076	31	'434155086_/434155088'	6.1	10	10	1.528	10	10	4.87 No	1.528	Thermal Discharging
RIV076	32	'436286630_/434155168_1'	6.1	10	10	1.528	3.4	10	4.87 No	1.528	Thermal Discharging
RIV076	33	'434155124_/434155168_2'	6.1	10	10	1.528	3.4	10	4.87 No	1.528	Thermal Discharging
RIV076	34	'6270441_/6270439'	5.9	10	10	1.528	10	10	4.87 No	1.528	Thermal Discharging
RIV076	35	'6265626_/6271534_2'	5.8	10	10	1.528	1.5	10	4.87 No	1.5	Element Fault
RIV076	36	'499744404_/499744429'	5.8	10	10	1.528	10	10	4.87 No	1.528	Thermal Discharging
RIV076	37	'499744347_/499744373'	5.4	10	10	1.528	10	10	4.87 No	1.528	Thermal Discharging
RIV076	38	'43881430_/6265624'	4.7	10	10	1.528	1.5	10	4.87 No	1.5	Element Fault
RIV076	39	'8700474_/8700472'	4.7	10	10	1.528	3.4	10	4.87 No	1.528	Thermal Discharging
RIV076	40	'499744290_/499744315'	4.9	10	10	1.528	10	10	4.87 No	1.528	Thermal Discharging
RIV076	41	'9646985_/9646983'	4.6	10	10	1.528	3.4	10	4.87 No	1.528	Thermal Discharging
RIV076	42	'499744233_/499744259'	4.5	10	10	1.528	10	10	4.87 No	1.528	Thermal Discharging
RIV076	43	'499744174_/499744201'	4.2	10	10	1.528	10	10	4.87 No	1.528	Thermal Discharging
RIV076	44	'8076174_/412735716'	3.7	10	10	1.528	3.4	10	4.87 No	1.528	Thermal Discharging
RIV076	45	'9021372_/9021369'	3.6	10	10	1.528	3.4	10	4.87 No	1.528	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over- Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RIV076	46	'427709496_/427708945_2'		4.1	10	10	1.528	10	10	4.87 No	1.528 Thermal Discharging
RIV076	47	'427708656_/427708945_1'		4.1	10	10	1.528	10	10	4.87 No	1.528 Thermal Discharging
RIV076	48	'5384600_/427708658'		4.1	10	10	1.528	10	10	4.87 No	1.528 Thermal Discharging
RIV076	49	'415727092_/415727094'		4	10	10	1.528	10	10	4.87 No	1.528 Thermal Discharging
RIV076	50	'427709291_/415727112_2'		4	10	10	1.528	4.7	10	4.87 No	1.528 Thermal Discharging
RIV076	51	'5384599_/5384597'		4	10	10	1.528	10	10	4.87 No	1.528 Thermal Discharging
RIV076	52	'5384617_/5384614'		4	10	10	1.528	10	10	4.87 No	1.528 Thermal Discharging
RIV076	53	'427709201_/5385303_1'		3.9	10	10	1.528	1.6	10	4.87 No	1.528 Thermal Discharging
RIV076	54	'427709231_/5384813_2'	1.33	3.33	3.33	0.512	1.1	3.33	1.62 No	0.512 Thermal Discharging	
RIV076	55	'5384637_/5384634'	3.9	10	10	1.528	10	10	10	4.87 No	1.528 Thermal Discharging
RIV076	56	'5384654_/5384651'	3.9	9.8	10	1.528	10	10	10	4.87 No	1.528 Thermal Discharging
RIV076	57	'5384671_/5384668'	3.8	9.7	10	1.528	10	10	10	4.87 No	1.528 Thermal Discharging
RIV076	58	'427709261_/5384907_1'	1.27	3.23	3.33	0.512	0.5	3.33	1.62 No	0.5 Element Fault	
RIV076	59	'405661860_/5384865_3'	1.3	3.2	3.33	0.512	1.1	3.33	1.62 No	0.512 Thermal Discharging	
RIV076	60	'43702743_/5384685'	3.8	9.5	10	1.528	10	10	10	4.87 No	1.528 Thermal Discharging
RIV076	61	'5384705_/5384702'	3.8	9.4	10	1.528	10	10	10	4.87 No	1.528 Thermal Discharging
RIV076	62	'5398862_/5398876'	3.8	9.4	10	1.528	10	10	10	4.87 No	1.528 Thermal Discharging
RIV076	63	'415727110_/415727112_1'	3.6	9.5	10	1.528	1.5	10	10	4.87 No	1.5 Element Fault
RIV076	64	'5385306_/5385303_2'	3.6	9.4	10	1.528	1.6	10	10	4.87 No	1.528 Thermal Discharging
RIV076	65	'410963843_/5384865_2'	1.3	3.1	3.33	0.512	0.3	3.33	1.62 No	0.3 Element Fault	
RIV076	66	'43702782_/43702784'	3.7	9.3	10	1.528	10	10	10	4.87 No	1.528 Thermal Discharging
RIV076	67	'5398615_/5398612'	3.7	9.2	10	1.528	10	10	10	4.87 No	1.528 Thermal Discharging
RIV076	68	'5398825_/5398839'	3.7	9.2	10	1.528	10	10	10	4.87 No	1.528 Thermal Discharging
RIV076	69	'5398953_/5398950'	3.7	9.2	10	1.528	10	10	10	4.87 No	1.528 Thermal Discharging
RIV076	70	'5384800_/5384813_1'	1.33	3.07	3.33	0.512	0.5	3.33	1.62 No	0.5 Element Fault	
RIV076	71	'5398919_/5398933'	3.7	9.1	10	1.528	10	10	10	4.87 No	1.528 Thermal Discharging
RIV076	72	'5398808_/5398822'	3.7	9.1	10	1.528	10	10	10	4.87 No	1.528 Thermal Discharging
RIV076	73	'5398632_/5398629'	3.7	9.1	10	1.528	10	10	10	4.87 No	1.528 Thermal Discharging
RIV076	74	'5384855_/5384865_1'	1.3	3.03	3.33	0.512	0.3	3.33	1.62 No	0.3 Element Fault	
RIV076	75	'43702808_/5398967'	3.7	9	10	1.528	10	10	10	4.87 No	1.528 Thermal Discharging
RIV076	76	'5384925_/5398916'	3.6	9	10	1.528	10	10	10	4.87 No	1.528 Thermal Discharging
RIV076	77	'5398791_/5398805'	3.6	9	10	1.528	10	10	10	4.87 No	1.528 Thermal Discharging
RIV076	78	'5398987_/5398984'	3.6	9	10	1.528	10	10	10	4.87 No	1.528 Thermal Discharging
RIV076	79	'5384948_/5398649'	3.6	9	10	1.528	10	10	10	4.87 No	1.528 Thermal Discharging
RIV076	80	'5398898_/5398896'	3.6	8.9	10	1.528	10	10	10	4.87 No	1.528 Thermal Discharging
RIV076	81	'5399004_/5399001'	3.6	8.9	10	1.528	10	10	10	4.87 No	1.528 Thermal Discharging
RIV076	82	'43702769_/5398788'	3.6	8.9	10	1.528	10	10	10	4.87 No	1.528 Thermal Discharging
RIV076	83	'5384910_/5384907_2'	1.27	2.93	3.33	0.512	0.5	3.33	1.62 No	0.5 Element Fault	
RIV076	84	'5398669_/5398666'	3.5	8.8	10	1.528	10	10	10	4.87 No	1.528 Thermal Discharging
RIV076	85	'5399021_/5399018'	3.5	8.8	10	1.528	10	10	10	4.87 No	1.528 Thermal Discharging
RIV076	86	'5398686_/5398683_1'	3.5	8.8	10	1.528	1.5	10	10	4.87 No	1.5 Element Fault
RIV076	87	'5385037_/5398683_2'	3.5	8.8	10	1.528	1.5	10	10	4.87 No	1.5 Element Fault
RIV076	88	'5398757_/5398771'	3.5	8.7	10	1.528	10	10	10	4.87 No	1.528 Thermal Discharging
RIV076	89	'5399072_/5399069'	3.5	8.7	10	1.528	10	10	10	4.87 No	1.528 Thermal Discharging
RIV076	90	'5398740_/5398754'	3.5	8.7	10	1.528	10	10	10	4.87 No	1.528 Thermal Discharging
RIV076	91	'5398723_/5398737'	3.5	8.6	10	1.528	10	10	10	4.87 No	1.528 Thermal Discharging
RIV076	92	'5412557_/5412572'	3.5	8.6	10	1.528	10	10	10	4.87 No	1.528 Thermal Discharging
RIV076	93	'43702732_/5384852'	1.3	2.87	3.33	0.512	0.3	3.33	1.62 No	0.3 Element Fault	
RIV076	94	'5384949_/43702823'	3.4	8.5	10	1.528	3.6	10	10	4.87 No	1.528 Thermal Discharging
RIV076	95	'43702756_/5398720'	3.4	8.5	10	1.528	10	10	10	4.87 No	1.528 Thermal Discharging
RIV076	96	'7711558_/9588859_1'	3.4	8.5	10	1.528	1.5	10	10	4.87 No	1.5 Element Fault
RIV076	97	'415727128_/415727130'	3.2	8.5	10	1.528	1.5	10	10	4.87 No	1.5 Element Fault
RIV076	98	'5384881_/5384878'	1.3	2.83	3.33	0.512	0.3	3.33	1.62 No	0.3 Element Fault	
RIV076	99	'43702682_/5385323'	3.3	8.5	10	1.528	1.6	10	10	4.87 No	1.528 Thermal Discharging
RIV076	100	'5399091_/5412555'	3.4	8.4	10	1.528	10	10	10	4.87 No	1.528 Thermal Discharging
RIV076	101	'5398705_/5398703'	3.4	8.4	10	1.528	10	10	10	4.87 No	1.528 Thermal Discharging
RIV076	102	'43702795_/5384923'	3.4	8.3	10	1.528	4.1	10	10	4.87 No	1.528 Thermal Discharging
RIV076	103	'5385467_/5399089'	3.4	8.3	10	1.528	10	10	10	4.87 No	1.528 Thermal Discharging
RIV076	104	'5399810_/5401508'	3.4	8.3	10	1.528	10	10	10	4.87 No	1.528 Thermal Discharging
RIV076	105	'5384926_/8348855_1'	3.4	8.2	10	1.528	2	10	10	4.87 No	1.528 Thermal Discharging
RIV076	106	'43702671_/43702673'	1.33	2.77	3.33	0.512	0.5	3.33	1.62 No	0.5 Element Fault	
RIV076	107	'5400772_/5400786'	3.4	8.3	10	1.528	10	10	10	4.87 No	1.528 Thermal Discharging
RIV076	108	'5399809_/5399807'	3.3	8.2	10	1.528	10	10	10	4.87 No	1.528 Thermal Discharging
RIV076	109	'43706649_/5407502'	3.3	8.2	10	1.528	10	10	10	4.87 No	1.528 Thermal Discharging
RIV076	110	'5385468_/5385482_1'	3.3	8.2	10	1.528	1.6	10	10	4.87 No	1.528 Thermal Discharging
RIV076	111	'5407505_/5407519_1'	3.3	8.2	10	1.528	10	10	10	4.87 No	1.528 Thermal Discharging
RIV076	112	'5399827_/5399824'	3.3	8.2	10	1.528	10	10	10	4.87 No	1.528 Thermal Discharging
RIV076	113	'43704128_/43704130'	3.3	8.2	10	1.528	10	10	10	4.87 No	1.528 Thermal Discharging
RIV076	114	'43706675_/5407519_2'	3.3	8.1	10	1.528	10	10	10	4.87 No	1.528 Thermal Discharging
RIV076	115	'5400738_/5400752'	3.3	8.1	10	1.528	10	10	10	4.87 No	1.528 Thermal Discharging
RIV076	116	'5407487_/43706677'	3.2	8	10	1.528	10	10	10	4.87 No	1.528 Thermal Discharging
RIV076	117	'43704115_/43704117'	3.3	8	10	1.528	10	10	10	4.87 No	1.528 Thermal Discharging
RIV076	118	'5402827_/5407553'	3.2	8	10	1.528	10	10	10	4.87 No	1.528 Thermal Discharging
RIV076	119	'43706662_/5407485'	3.2	7.9	10	1.528	10	10	10	4.87 No	1.528 Thermal Discharging
RIV076	120	'43704102_/43704104'	3.2	7.9	10	1.528	10	10	10	4.87 No	1.528 Thermal Discharging
RIV076	121	'5402828_/5407448_1'	3.2	8	10	1.528	1.6	10	10	4.87 No	1.528 Thermal Discharging
RIV076	122	'5384829_/5384839'	1.3	2.63	3.33	0.512	0.3	3.33	1.62 No	0.3 Element Fault	
RIV076	123	'5407573_/5407570'	3.2	7.9	10	1.528	10	10	10	4.87 No	1.528 Thermal Discharging
RIV076	124	'5389353_/5400698'	3.2	7.9	10	1.528	10	10	10	4.87 No	1.528 Thermal Discharging
RIV076	125	'9588862_/9588859_2'	3.2	7.8	10	1.528	1.5	10	10	4.87 No	1.5 Element Fault
RIV076	126	'8348858_/8348855_2'	3.2	7.8	10	1.528	2	10	10	4.87 No	1.528 Thermal Discharging
RIV076	127	'5385053_/5385050'	1.17	2.6	3.33	0.512	0.5	3.33	1.62 No	0.5 Element Fault	
RIV076	128	'5385024_/5385034'	1.17	2.6	3.33	0.512	0.5	3.33	1.62 No	0.5 Element Fault	
RIV076	129	'5407488_/43706664'	3.2	7.8	10	1.528	10	10	10	4.87 No	1.528 Thermal Discharging
RIV076	130	'43704141_/5400440'	3.2	7.8	10	1.528	10	10	10	4.87 No	1.528 Thermal Discharging
RIV076	131	'5384894_/5384891'	1.3	2.6	3.33	0.512	0.3	3.33	1.62 No	0.3 Element Fault	
RIV076	132	'5404518_/5407587'	3.1	7.8	10	1.528	10	10	10	4.87 No	1.528 Thermal Discharging
RIV076	133	'469758401_/5411297'	3.2	7.8	10	1.528	10	10	10	4.87 No	1.528 Thermal Discharging
RIV076	134	'43704168_/89287344'	3.2	7.8	10	1.528	10	10	10	4.87 No	1.528 Thermal Discharging
RIV076	135	'43707337_/469758405'	3.1	7.8	10	1.528	10	10	10	4.87 No	1.528 Thermal Discharging
RIV076	136	'43704154_/89287329'	3.2	7.8	10	1.528	10	10	10	4.87 No	1.528 Thermal Discharging
RIV076	137	'5400409_/5400423'	3.2	7.8	10	1.528	10	10	10	4.87 No	1.528 Thermal Discharging
RIV076	138	'5411300_/5411314_1'	3.1	7.8	10	1.528	10	10	10	4.87 No	1.528 Thermal Discharging
RIV076	139	'89287223_/89287316'	3.2	7.7	10	1.528	10	10	10	4.87 No	1.528 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RIV076	140	'5404519_/_5404516'	3.1	7.7	10	1.528	10	10	4.87 No	1.528	Thermal Discharging
RIV076	141	'43707324_/_5411314_2'	3.1	7.7	10	1.528	10	10	4.87 No	1.528	Thermal Discharging
RIV076	142	'5389256_/_5400406'	3.1	7.7	10	1.528	10	10	4.87 No	1.528	Thermal Discharging
RIV076	143	'416296888_/_415727060'	2.9	7.7	10	1.528	1.5	10	4.87 No	1.5	Element Fault
RIV076	144	'469758479_/_478049721_2'	3.1	7.6	10	1.528	5.4	10	4.87 No	1.528	Thermal Discharging
RIV076	145	'5385343_/_43702684'	3	7.6	10	1.528	1.6	10	4.87 No	1.528	Thermal Discharging
RIV076	146	'89287198_/_89287220'	3.1	7.7	10	1.528	10	10	4.87 No	1.528	Thermal Discharging
RIV076	147	'5399843_/_43707326'	3.1	7.7	10	1.528	10	10	4.87 No	1.528	Thermal Discharging
RIV076	148	'5404590_/_5404587'	3.1	7.6	10	1.528	10	10	4.87 No	1.528	Thermal Discharging
RIV076	149	'5399861_/_5399841'	3.1	7.6	10	1.528	10	10	4.87 No	1.528	Thermal Discharging
RIV076	150	'5385485_/_5385482_2'	3.1	7.5	10	1.528	1.6	10	4.87 No	1.528	Thermal Discharging
RIV076	151	'5400372_/_5400386'	3.1	7.6	10	1.528	10	10	4.87 No	1.528	Thermal Discharging
RIV076	152	'89287179_/_89287195'	3.1	7.6	10	1.528	10	10	4.87 No	1.528	Thermal Discharging
RIV076	153	'5384799_/_5384797'	1.27	2.5	3.33	0.512	0.5	3.33	1.62 No	0.5	Element Fault
RIV076	154	'8651396_/_8975483_1'	3.1	7.6	10	1.528	3.3	10	4.87 No	1.528	Thermal Discharging
RIV076	155	'43706180_/_5404755'	3.1	7.5	10	1.528	10	10	4.87 No	1.528	Thermal Discharging
RIV076	156	'70276839_/_5389199_3'	1.03	2.5	3.33	0.512	1.1	3.33	1.62 No	0.512	Thermal Discharging
RIV076	157	'43706193_/_5404718'	3	7.5	10	1.528	10	10	4.87 No	1.528	Thermal Discharging
RIV076	158	'5400371_/_5400369'	3.1	7.5	10	1.528	10	10	4.87 No	1.528	Thermal Discharging
RIV076	159	'43706701_/_5407448_2'	3	7.4	10	1.528	1.6	10	4.87 No	1.528	Thermal Discharging
RIV076	160	'5389201_/_5389199_2'	1.03	2.5	3.33	0.512	0.5	3.33	1.62 No	0.5	Element Fault
RIV076	161	'5402652_/_5402649'	3	7.5	10	1.528	10	10	4.87 No	1.528	Thermal Discharging
RIV076	162	'89287160_/_89287176'	3.1	7.5	10	1.528	10	10	4.87 No	1.528	Thermal Discharging
RIV076	163	'5402737_/_5402734'	3	7.5	10	1.528	10	10	4.87 No	1.528	Thermal Discharging
RIV076	164	'5402757_/_5402754'	3	7.5	10	1.528	10	10	4.87 No	1.528	Thermal Discharging
RIV076	165	'451193663_/_7711239_2'	3	7.5	10	1.528	5.4	10	4.87 No	1.528	Thermal Discharging
RIV076	166	'478049705_/_478049721_1'	3	7.5	10	1.528	1.5	10	4.87 No	1.5	Element Fault
RIV076	167	'5389295_/_5389293'	3	7.4	10	1.528	3.5	10	4.87 No	1.528	Thermal Discharging
RIV076	168	'43706610_/_5402666'	3	7.5	10	1.528	10	10	4.87 No	1.528	Thermal Discharging
RIV076	169	'43704011_/_43704013'	3	7.5	10	1.528	10	10	4.87 No	1.528	Thermal Discharging
RIV076	170	'5405065_/_5405078_1'	1.03	2.5	3.33	0.512	0.5	3.33	1.62 No	0.5	Element Fault
RIV076	171	'5400825_/_5402771'	3	7.4	10	1.528	10	10	4.87 No	1.528	Thermal Discharging
RIV076	172	'5404670_/_5404667'	3	7.4	10	1.528	10	10	4.87 No	1.528	Thermal Discharging
RIV076	173	'5400826_/_5400840_1'	3	7.4	10	1.528	1.5	10	4.87 No	1.5	Element Fault
RIV076	174	'43706623_/_5402683'	3	7.4	10	1.528	10	10	4.87 No	1.528	Thermal Discharging
RIV076	175	'89287141_/_89287157'	3	7.4	10	1.528	10	10	4.87 No	1.528	Thermal Discharging
RIV076	176	'7711241_/_7711239_1'	3	7.4	10	1.528	1.5	10	4.87 No	1.5	Element Fault
RIV076	177	'5404627_/_43706182'	3	7.4	10	1.528	10	10	4.87 No	1.528	Thermal Discharging
RIV076	178	'43704343_/_5400840_2'	3	7.4	10	1.528	1.5	10	4.87 No	1.5	Element Fault
RIV076	179	'43704356_/_5404940'	3	7.4	10	1.528	10	10	4.87 No	1.528	Thermal Discharging
RIV076	180	'5404741_/_5404738'	3	7.4	10	1.528	10	10	4.87 No	1.528	Thermal Discharging
RIV076	181	'451820874_/_451820883'	3	7.4	10	1.528	10	10	4.87 No	1.528	Thermal Discharging
RIV076	182	'5404943_/_5404960_1'	3	7.4	10	1.528	10	10	4.87 No	1.528	Thermal Discharging
RIV076	183	'5389163_/_5405078_2'	1.03	2.43	3.33	0.512	0.5	3.33	1.62 No	0.5	Element Fault
RIV076	184	'5402703_/_5402700'	3	7.3	10	1.528	10	10	4.87 No	1.528	Thermal Discharging
RIV076	185	'5404687_/_5404684'	2.9	7.3	10	1.528	10	10	4.87 No	1.528	Thermal Discharging
RIV076	186	'89287122_/_89287138'	3	7.3	10	1.528	10	10	4.87 No	1.528	Thermal Discharging
RIV076	187	'5400808_/_5404960_2'	2.9	7.3	10	1.528	10	10	4.87 No	1.528	Thermal Discharging
RIV076	188	'8651395_/_8975483_2'	2.9	7.3	10	1.528	3.3	10	4.87 No	1.528	Thermal Discharging
RIV076	189	'45069972_/_5400860'	2.9	7.3	10	1.528	1.5	10	4.87 No	1.5	Element Fault
RIV076	190	'5389516_/_5400806'	2.9	7.3	10	1.528	10	10	4.87 No	1.528	Thermal Discharging
RIV076	191	'43706636_/_5402717'	2.9	7.3	10	1.528	10	10	4.87 No	1.528	Thermal Discharging
RIV076	192	'64567363_/_64567026_1'	0.97	2.43	3.33	0.512	0.5	3.33	1.62 No	0.5	Element Fault
RIV076	193	'5404704_/_5404701'	2.9	7.2	10	1.528	10	10	4.87 No	1.528	Thermal Discharging
RIV076	194	'5404607_/_5404624'	2.9	7.2	10	1.528	10	10	4.87 No	1.528	Thermal Discharging
RIV076	195	'8349309_/_8349307_1'	2.9	7.2	10	1.528	1.5	10	4.87 No	1.5	Element Fault
RIV076	196	'64567356_/_64567312_2'	0.97	2.43	3.33	0.512	1.4	3.33	1.62 No	0.512	Thermal Discharging
RIV076	197	'89287103_/_89287119'	2.9	7.2	10	1.528	10	10	4.87 No	1.528	Thermal Discharging
RIV076	198	'478049612_/_5404977'	2.9	7.2	10	1.528	10	10	4.87 No	1.528	Thermal Discharging
RIV076	199	'89287543_/_89287100_2'	2.9	7.2	10	1.528	10	10	4.87 No	1.528	Thermal Discharging
RIV076	200	'43702721_/_43702723'	1.3	2.37	3.33	0.512	0.3	3.33	1.62 No	0.3	Element Fault
RIV076	201	'43704330_/_478049616'	2.9	7.2	10	1.528	10	10	4.87 No	1.528	Thermal Discharging
RIV076	202	'5407606_/_5407621'	2.9	7.2	10	1.528	10	10	4.87 No	1.528	Thermal Discharging
RIV076	203	'5402791_/_43706638'	2.9	7.2	10	1.528	10	10	4.87 No	1.528	Thermal Discharging
RIV076	204	'478049694_/_478049666_1'	2.9	7.2	10	1.528	1.5	10	4.87 No	1.5	Element Fault
RIV076	205	'471072255_/_5407465'	2.9	7.1	10	1.528	1.6	10	4.87 No	1.528	Thermal Discharging
RIV076	206	'89287084_/_89287100_1'	2.9	7.1	10	1.528	10	10	4.87 No	1.528	Thermal Discharging
RIV076	207	'5389176_/_5389280'	1.03	2.37	3.33	0.512	0.5	3.33	1.62 No	0.5	Element Fault
RIV076	208	'471072326_/_471072294_1'	2.9	7	10	1.528	1	10	4.87 No	1	Element Fault
RIV076	209	'43702834_/_43702836'	1.2	2.37	3.33	0.512	0.5	3.33	1.62 No	0.5	Element Fault
RIV076	210	'5404536_/_5404604'	2.9	7.1	10	1.528	10	10	4.87 No	1.528	Thermal Discharging
RIV076	211	'5389202_/_5389199_1'	1.03	2.37	3.33	0.512	0.5	3.33	1.62 No	0.5	Element Fault
RIV076	212	'5407607_/_5407604'	2.9	7.1	10	1.528	10	10	4.87 No	1.528	Thermal Discharging
RIV076	213	'43703494_/_89287081'	2.9	7.1	10	1.528	10	10	4.87 No	1.528	Thermal Discharging
RIV076	214	'5399571_/_5402805'	2.9	7.1	10	1.528	10	10	4.87 No	1.528	Thermal Discharging
RIV076	215	'5387359_/_5400150'	2.9	7.1	10	1.528	10	10	4.87 No	1.528	Thermal Discharging
RIV076	216	'43706714_/_5407695'	2.8	7	10	1.528	10	10	4.87 No	1.528	Thermal Discharging
RIV076	217	'471072278_/_471072294_2'	2.8	7	10	1.528	1	10	4.87 No	1	Element Fault
RIV076	218	'43702695_/_5385357'	2.7	6.9	10	1.528	1.6	10	4.87 No	1.528	Thermal Discharging
RIV076	219	'9602744_/_9602741'	2.8	7	10	1.528	3.3	10	4.87 No	1.528	Thermal Discharging
RIV076	220	'5404535_/_5404533'	2.8	7	10	1.528	10	10	4.87 No	1.528	Thermal Discharging
RIV076	221	'5405013_/_5405010'	1.03	2.33	3.33	0.512	0.5	3.33	1.62 No	0.5	Element Fault
RIV076	222	'470545844_/_471072261'	2.8	6.9	10	1.528	1.6	10	4.87 No	1.528	Thermal Discharging
RIV076	223	'5387490_/_5400207'	2.9	7	10	1.528	10	9.98	4.87 No	1.528	Thermal Discharging
RIV076	224	'5399572_/_5399569'	2.8	7	10	1.528	10	9.97	4.87 No	1.528	Thermal Discharging
RIV076	225	'5407640_/_5407712'	2.8	7	10	1.528	10	9.93	4.87 No	1.528	Thermal Discharging
RIV076	226	'454828246_/_454828248'	2.8	7	10	1.528	10	9.94	4.87 No	1.528	Thermal Discharging
RIV076	227	'470545853_/_470545850'	2.8	6.9	10	1.528	1.6	10	4.87 No	1.528	Thermal Discharging
RIV076	228	'5387477_/_43703595_2'	0.93	2.33	3.33	0.512	1.1	3.3	1.62 No	0.512	Thermal Discharging
RIV076	229	'5399589_/_5399586'	2.8	7	10	1.528	10	9.89	4.87 No	1.528	Thermal Discharging
RIV076	230	'5407641_/_5407655_1'	2.8	6.9	10	1.528	1.5	9.87	4.87 No	1.5	Element Fault
RIV076	231	'5407732_/_5407746'	2.8	6.9	10	1.528	10	9.83	4.87 No	1.528	Thermal Discharging
RIV076	232	'76701413_/_9370442_1'	2.8	6.9	10	1.528	10	9.82	4.87 No	1.528	Thermal Discharging
RIV076	233	'5404553_/_5404567'	2.8	6.9	10	1.528	10	9.84	4.87 No	1.528	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RIV076	234	'5399606_/5399603'	2.8	6.9	10	1.528	10	9.8	4.87 No	1.528	Thermal Discharging
RIV076	235	'5404502_/5404550'	2.8	6.9	10	1.528	10	9.8	4.87 No	1.528	Thermal Discharging
RIV076	236	'9288500_/471072389'	2.8	6.8	10	1.528	1	10	4.87 No	1	Element Fault
RIV076	237	'5389215_/5389212'	1.07	2.27	3.33	0.512	0.5	3.32	1.62 No	0.5	Element Fault
RIV076	238	'7711102_/8651533_1'	2.8	6.9	10	1.528	1.5	9.75	4.87 No	1.5	Element Fault
RIV076	239	'5387360_/5387357'	2.8	6.8	10	1.528	4.9	9.76	4.87 No	1.528	Thermal Discharging
RIV076	240	'43703345_/5407058'	2.8	6.8	10	1.528	10	9.66	4.87 No	1.528	Thermal Discharging
RIV076	241	'5399055_/5404499'	2.7	6.8	10	1.528	10	9.65	4.87 No	1.528	Thermal Discharging
RIV076	242	'108621734_/108621731'	2.8	6.8	10	1.528	4.9	9.72	4.87 No	1.528	Thermal Discharging
RIV076	243	'108621759_/108621756'	2.8	6.7	10	1.528	4.9	9.69	4.87 No	1.528	Thermal Discharging
RIV076	244	'417559054_/417558981_1'	2.8	6.8	10	1.528	1.5	9.7	4.87 No	1.5	Element Fault
RIV076	245	'5385377_/43702697'	2.6	6.7	10	1.528	1.6	10	4.87 No	1.528	Thermal Discharging
RIV076	246	'5389150_/5389160'	1.03	2.23	3.33	0.512	0.5	3.26	1.62 No	0.5	Element Fault
RIV076	247	'91631085_/91631028_1'	2.8	6.7	10	1.528	1.6	9.67	4.87 No	1.528	Thermal Discharging
RIV076	248	'444242148_/428079604_2'	0.9	2.27	3.33	0.512	1.1	3.2	1.62 No	0.512	Thermal Discharging
RIV076	249	'5407658_/5407655_2'	2.7	6.7	10	1.528	1.5	9.61	4.87 No	1.5	Element Fault
RIV076	250	'5387527_/108621783'	2.7	6.7	10	1.528	4.9	9.63	4.87 No	1.528	Thermal Discharging
RIV076	251	'5399622_/5407075'	2.7	6.7	10	1.528	10	9.54	4.87 No	1.528	Thermal Discharging
RIV076	252	'5384995_/5385008'	1.17	2.2	3.33	0.512	0.5	3.29	1.62 No	0.5	Element Fault
RIV076	253	'8349310_/8349307_2'	2.7	6.6	10	1.528	1.5	9.69	4.87 No	1.5	Element Fault
RIV076	254	'5388460_/5399620'	2.7	6.7	10	1.528	10	9.47	4.87 No	1.528	Thermal Discharging
RIV076	255	'5387505_/5387503_2'	1.8	4.4	6.67	1.016	3.2	6.36	3.24 No	1.016	Thermal Discharging
RIV076	256	'5390545_/5400187'	2.7	6.6	10	1.528	4.9	9.49	4.87 No	1.528	Thermal Discharging
RIV076	257	'478049650_/478049666_2'	2.7	6.6	10	1.528	1.5	9.57	4.87 No	1.5	Element Fault
RIV076	258	'8651536_/8651533_2'	2.7	6.6	10	1.528	1.5	9.48	4.87 No	1.5	Element Fault
RIV076	259	'43704091_/43704093'	1.07	2.2	3.33	0.512	0.5	3.22	1.62 No	0.5	Element Fault
RIV076	260	'5399640_/5399637'	2.7	6.6	10	1.528	10	9.39	4.87 No	1.528	Thermal Discharging
RIV076	261	'5384828_/5384826'	1.17	2.17	3.33	0.512	0.3	3.32	1.62 No	0.3	Element Fault
RIV076	262	'5388440_/5388437_2'	2.7	6.6	10	1.528	4.8	9.4	4.87 No	1.528	Thermal Discharging
RIV076	263	'417558984_/417558981_2'	2.7	6.6	10	1.528	1.5	9.5	4.87 No	1.5	Element Fault
RIV076	264	'433249620_/428079604_1'	0.9	2.2	3.33	0.512	0.5	3.14	1.62 No	0.5	Element Fault
RIV076	265	'5405026_/5405023'	1.03	2.17	3.33	0.512	0.5	3.19	1.62 No	0.5	Element Fault
RIV076	266	'5399657_/5399654'	2.7	6.6	10	1.528	10	9.32	4.87 No	1.528	Thermal Discharging
RIV076	267	'43704382_/5400877'	2.7	6.5	10	1.528	4.9	9.36	4.87 No	1.528	Thermal Discharging
RIV076	268	'5388423_/5388437_1'	2.7	6.5	10	1.528	1.5	9.32	4.87 No	1.5	Element Fault
RIV076	269	'5390546_/5390559_1'	0.9	2.17	3.33	0.512	0.5	3.12	1.62 No	0.5	Element Fault
RIV076	270	'64567015_/64567026_2'	1	2.13	3.33	0.512	0.5	3.14	1.62 No	0.5	Element Fault
RIV076	271	'5390978_/5400894'	2.6	6.5	10	1.528	4.9	9.24	4.87 No	1.528	Thermal Discharging
RIV076	272	'5399674_/5399671'	2.6	6.5	10	1.528	10	9.18	4.87 No	1.528	Thermal Discharging
RIV076	273	'478049794_/478049762_1'	2.6	6.4	10	1.528	1.5	9.49	4.87 No	1.5	Element Fault
RIV076	274	'5400914_/5400911'	2.6	6.4	10	1.528	4.9	9.22	4.87 No	1.528	Thermal Discharging
RIV076	275	'76701420_/9370442_2'	2.6	6.4	10	1.528	10	9.22	4.87 No	1.528	Thermal Discharging
RIV076	276	'109853930_/102430506_1'	0.87	2.13	3.33	0.512	0.5	3.07	1.62 No	0.5	Element Fault
RIV076	277	'5457699_/9370442_3'	2.6	6.4	10	1.528	10	9.21	4.87 No	1.528	Thermal Discharging
RIV076	278	'5385397_/5385394'	2.5	6.3	10	1.528	1.6	9.89	4.87 No	1.528	Thermal Discharging
RIV076	279	'91630962_/91631028_2'	2.6	6.4	10	1.528	1.6	9.3	4.87 No	1.528	Thermal Discharging
RIV076	280	'5387506_/5387503_1'	1.73	4.27	6.67	1.016	1	6.16	3.24 No	1	Element Fault
RIV076	281	'5396169_/5399688'	2.6	6.4	10	1.528	10	9.07	4.87 No	1.528	Thermal Discharging
RIV076	282	'5400934_/5400931'	2.6	6.4	10	1.528	4.9	9.12	4.87 No	1.528	Thermal Discharging
RIV076	283	'43706257_/5405245'	1.07	2.1	3.33	0.512	0.5	3.12	1.62 No	0.5	Element Fault
RIV076	284	'5407681_/5407678'	2.5	6.3	10	1.528	1.5	9.18	4.87 No	1.5	Element Fault
RIV076	285	'5457659_/5457677'	2.6	6.3	10	1.528	10	9.12	4.87 No	1.528	Thermal Discharging
RIV076	286	'5401822_/5401819_2'	0.87	2.13	3.33	0.512	3.33	3.01	1.62 No	0.512	Thermal Discharging
RIV076	287	'89801857_/89801808_1'	2.6	6.3	10	1.528	2.4	9.1	4.87 No	1.528	Thermal Discharging
RIV076	288	'5400951_/5400948'	2.6	6.4	10	1.528	4.9	9.09	4.87 No	1.528	Thermal Discharging
RIV076	289	'102430495_/102430506_2'	0.87	2.1	3.33	0.512	0.5	3.03	1.62 No	0.5	Element Fault
RIV076	290	'5399708_/5399705'	2.6	6.4	10	1.528	10	9	4.87 No	1.528	Thermal Discharging
RIV076	291	'86808104_/5396166_2'	1.73	4.2	6.67	1.016	3.2	6	3.24 No	1.016	Thermal Discharging
RIV076	292	'5401397_/5410933_1'	0.87	2.1	3.33	0.512	0.5	3.01	1.62 No	0.5	Element Fault
RIV076	293	'5386962_/5399722'	2.6	6.3	10	1.528	10	8.96	4.87 No	1.528	Thermal Discharging
RIV076	294	'451090080_/451090077'	0.9	2.1	3.33	0.512	0.5	3.02	1.62 No	0.5	Element Fault
RIV076	295	'5401809_/5401819_1'	0.87	2.1	3.33	0.512	0.5	2.98	1.62 No	0.5	Element Fault
RIV076	296	'43703881_/43703883'	2.6	6.3	10	1.528	1.5	9.05	4.87 No	1.5	Element Fault
RIV076	297	'5400971_/5400968'	2.6	6.3	10	1.528	4.9	8.99	4.87 No	1.528	Thermal Discharging
RIV076	298	'43704035_/5389147'	1.03	2.07	3.33	0.512	0.5	3.07	1.62 No	0.5	Element Fault
RIV076	299	'5387542_/5387539'	1.67	4.13	6.67	1.016	1	6.06	3.24 No	1	Element Fault
RIV076	300	'5457458_/5457657'	2.5	6.2	10	1.528	10	8.98	4.87 No	1.528	Thermal Discharging
RIV076	301	'5386963_/5386973_1'	0.87	2.1	3.33	0.512	0.5	2.97	1.62 No	0.5	Element Fault
RIV076	302	'5388887_/5399739'	2.6	6.3	10	1.528	10	8.88	4.87 No	1.528	Thermal Discharging
RIV076	303	'5401780_/5401793'	0.87	2.1	3.33	0.512	0.5	2.94	1.62 No	0.5	Element Fault
RIV076	304	'5457566_/5457580_1'	2.5	6.2	10	1.528	1.8	8.93	4.87 No	1.528	Thermal Discharging
RIV076	305	'43719606_/5457456'	2.5	6.2	10	1.528	10	8.91	4.87 No	1.528	Thermal Discharging
RIV076	306	'89801802_/89801808_2'	2.5	6.2	10	1.528	2.4	8.95	4.87 No	1.528	Thermal Discharging
RIV076	307	'152788033_/5401777_2'	0.87	2.1	3.33	0.512	0.5	2.94	1.62 No	0.5	Element Fault
RIV076	308	'5400991_/5400988'	2.5	6.2	10	1.528	4.9	8.9	4.87 No	1.528	Thermal Discharging
RIV076	309	'5390979_/5390976'	2.5	6.2	10	1.528	4.8	8.96	4.87 No	1.528	Thermal Discharging
RIV076	310	'451828924_/5401005'	2.5	6.2	10	1.528	4.9	8.88	4.87 No	1.528	Thermal Discharging
RIV076	311	'5384982_/5384992'	1.1	2.07	3.33	0.512	0.5	3.08	1.62 No	0.5	Element Fault
RIV076	312	'5386976_/5386973_2'	0.87	2.07	3.33	0.512	0.5	2.95	1.62 No	0.5	Element Fault
RIV076	313	'5399759_/5399756'	2.5	6.2	10	1.528	10	8.81	4.87 No	1.528	Thermal Discharging
RIV076	314	'43707313_/5411271'	1.03	2.03	3.33	0.512	0.5	3.03	1.62 No	0.5	Element Fault
RIV076	315	'7710987_/7710985_1'	0.83	2.07	3.33	0.512	0.5	2.95	1.62 No	0.5	Element Fault
RIV076	316	'43703593_/43703595_1'	0.83	2.03	3.33	0.512	0.5	2.99	1.62 No	0.5	Element Fault
RIV076	317	'5387617_/5387614'	1.67	4.07	6.67	1.016	1	5.97	3.24 No	1	Element Fault
RIV076	318	'5386988_/5399773'	2.5	6.2	10	1.528	10	8.77	4.87 No	1.528	Thermal Discharging
RIV076	319	'5388874_/5388871_2'	0.87	2.07	3.33	0.512	1.1	2.93	1.62 No	0.512	Thermal Discharging
RIV076	320	'5410936_/5410933_2'	0.87	2.07	3.33	0.512	0.5	2.95	1.62 No	0.5	Element Fault
RIV076	321	'43719682_/43719608'	2.5	6.1	10	1.528	10	8.81	4.87 No	1.528	Thermal Discharging
RIV076	322	'5389175_/5389173'	1.07	2.03	3.33	0.512	0.5	3.02	1.62 No	0.5	Element Fault
RIV076	323	'43704430_/451828926'	2.5	6.2	10	1.528	4.9	8.79	4.87 No	1.528	Thermal Discharging
RIV076	324	'37906740_/9288517'	2.5	6	10	1.528	1	9.15	4.87 No	1	Element Fault
RIV076	325	'37906740_/37906737'	2.5	6	10	1.528	1	9.15	4.87 No	1	Element Fault
RIV076	326	'37906747_/37906744'	2.5	6	10	1.528	1	9.15	4.87 No	1	Element Fault
RIV076	327	'404418851_/404418848'	2.5	6	10	1.528	1	9.15	4.87 No	1	Element Fault

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RIV076	328	'37906761_/_37906758'	2.5		6	10	1.528	1	9.15	4.87 No	1 Element Fault
RIV076	329	'5386989_/_5409299_1'	0.83		2.07	3.33	0.512	0.5	2.91	1.62 No	0.5 Element Fault
RIV076	330	'8033402_/_8033399'	2.5		6.1	10	1.528	4.8	8.86	4.87 No	1.528 Thermal Discharging
RIV076	331	'7710988_/_7710985_2'	0.83		2.03	3.33	0.512	0.5	2.93	1.62 No	0.5 Element Fault
RIV076	332	'5387001_/_5399790'	2.5		6.2	10	1.528	10	8.69	4.87 No	1.528 Thermal Discharging
RIV076	333	'5390562_/_5390559_2'	0.9		2.03	3.33	0.512	0.5	2.96	1.62 No	0.5 Element Fault
RIV076	334	'5457879_/_5457876'	2.5		6.1	10	1.528	10	8.72	4.87 No	1.528 Thermal Discharging
RIV076	335	'5387002_/_5387015_1'	0.83		2.03	3.33	0.512	0.5	2.88	1.62 No	0.5 Element Fault
RIV076	336	'5401025_/_43704432'	2.5		6.1	10	1.528	4.9	8.69	4.87 No	1.528 Thermal Discharging
RIV076	337	'5396265_/_5409299_2'	0.83		2.03	3.33	0.512	0.5	2.88	1.62 No	0.5 Element Fault
RIV076	338	'451090094_/_451090091'	0.93		2.03	3.33	0.512	0.5	2.92	1.62 No	0.5 Element Fault
RIV076	339	'43703332_/_5409365'	2.5		6.1	10	1.528	10	8.63	4.87 No	1.528 Thermal Discharging
RIV076	340	'43703545_/_5387554'	1.67		4	6.67	1.016	1	5.88	3.24 No	1 Element Fault
RIV076	341	'43702990_/_5396166_1'	1.73		4.07	6.67	1.016	1.1	5.79	3.24 No	1.016 Thermal Discharging
RIV076	342	'5409348_/_5409345_2'	2.5		6.1	10	1.528	10	8.62	4.87 No	1.528 Thermal Discharging
RIV076	343	'5385431_/_5385428'	2.3		6	10	1.528	1.6	9.38	4.87 No	1.528 Thermal Discharging
RIV076	344	'102430529_/_102430540'	0.83		2	3.33	0.512	0.5	2.92	1.62 No	0.5 Element Fault
RIV076	345	'5457492_/_7090666'	2.4		6	10	1.528	1.5	8.78	4.87 No	1.5 Element Fault
RIV076	346	'152788014_/_152788011'	0.87		2.03	3.33	0.512	0.5	2.86	1.62 No	0.5 Element Fault
RIV076	347	'5388861_/_5388871_1'	0.87		2.03	3.33	0.512	0.5	2.88	1.62 No	0.5 Element Fault
RIV076	348	'7710948_/_7710965'	2.5		6.1	10	1.528	4.4	8.64	4.87 No	1.528 Thermal Discharging
RIV076	349	'5401042_/_5401039'	2.5		6	10	1.528	4.9	8.61	4.87 No	1.528 Thermal Discharging
RIV076	350	'5387018_/_5387015_2'	0.83		2	3.33	0.512	0.5	2.86	1.62 No	0.5 Element Fault
RIV076	351	'5409276_/_5409286'	0.83		2	3.33	0.512	0.5	2.85	1.62 No	0.5 Element Fault
RIV076	352	'8348958_/_8348955'	2.5		6	10	1.528	1.5	8.58	4.87 No	1.5 Element Fault
RIV076	353	'5389227_/_5405258'	1.07		1.97	3.33	0.512	0.5	2.96	1.62 No	0.5 Element Fault
RIV076	354	'5388389_/_5388403'	2.4		6	10	1.528	1.5	8.7	4.87 No	1.5 Element Fault
RIV076	355	'5401062_/_5401059'	2.4		6	10	1.528	4.9	8.55	4.87 No	1.528 Thermal Discharging
RIV076	356	'5457583_/_5457580_2'	2.4		5.9	10	1.528	1.8	8.61	4.87 No	1.528 Thermal Discharging
RIV076	357	'50434018_/_43702992'	1.73		4	6.67	1.016	1.1	5.69	3.24 No	1.016 Thermal Discharging
RIV076	358	'7397306_/_7397304_1'	0.8		1.97	3.33	0.512	0.3	2.88	1.62 No	0.3 Element Fault
RIV076	359	'64567049_/_64567060'	1		1.97	3.33	0.512	0.5	2.92	1.62 No	0.5 Element Fault
RIV076	360	'5401082_/_5401079'	2.4		6	10	1.528	4.9	8.48	4.87 No	1.528 Thermal Discharging
RIV076	361	'5385414_/_5385411'	2.3		5.8	10	1.528	1.6	9.2	4.87 No	1.528 Thermal Discharging
RIV076	362	'61697918_/_5385739_2'	0.87		2	3.33	0.512	0.55	2.84	1.62 No	0.512 Thermal Discharging
RIV076	363	'64567286_/_64567312_1'	0.97		1.97	3.33	0.512	0.5	2.91	1.62 No	0.5 Element Fault
RIV076	364	'43704635_/_5401099'	2.4		5.9	10	1.528	4.9	8.41	4.87 No	1.528 Thermal Discharging
RIV076	365	'5386402_/_5396140'	0.8		1.97	3.33	0.512	0.5	2.8	1.62 No	0.5 Element Fault
RIV076	366	'5386360_/_5391016_1'	0.87		1.97	3.33	0.512	0.5	2.82	1.62 No	0.5 Element Fault
RIV076	367	'5388705_/_5401777_1'	0.87		1.97	3.33	0.512	0.5	2.79	1.62 No	0.5 Element Fault
RIV076	368	'451090108_/_451090105'	0.93		1.93	3.33	0.512	0.5	2.83	1.62 No	0.5 Element Fault
RIV076	369	'5401122_/_5401119'	2.4		5.9	10	1.528	4.9	8.35	4.87 No	1.528 Thermal Discharging
RIV076	370	'5387572_/_43703547'	1.6		3.87	6.67	1.016	1	5.69	3.24 No	1 Element Fault
RIV076	371	'468291173_/_451090172_1'	0.93		1.93	3.33	0.512	0.3	2.82	1.62 No	0.3 Element Fault
RIV076	372	'7710947_/_7710945'	2.4		5.8	10	1.528	1.5	8.4	4.87 No	1.5 Element Fault
RIV076	373	'5401851_/_5401848'	0.87		1.93	3.33	0.512	0.5	2.79	1.62 No	0.5 Element Fault
RIV076	374	'8651227_/_8651225'	2.4		5.8	10	1.528	1.5	8.37	4.87 No	1.5 Element Fault
RIV076	375	'5457493_/_5457490'	2.3		5.8	10	1.528	1.5	8.49	4.87 No	1.5 Element Fault
RIV076	376	'43704648_/_5401136'	2.4		5.8	10	1.528	4.9	8.28	4.87 No	1.528 Thermal Discharging
RIV076	377	'5386376_/_5396262'	0.83		1.93	3.33	0.512	0.5	2.77	1.62 No	0.5 Element Fault
RIV076	378	'5385729_/_5385739_1'	0.87		1.93	3.33	0.512	0.3	2.78	1.62 No	0.3 Element Fault
RIV076	379	'5389124_/_5389134'	1.03		1.9	3.33	0.512	0.5	2.85	1.62 No	0.5 Element Fault
RIV076	380	'5405038_/_43707315'	1.03		1.9	3.33	0.512	0.5	2.85	1.62 No	0.5 Element Fault
RIV076	381	'5384968_/_5384979'	1		1.9	3.33	0.512	0.5	2.89	1.62 No	0.5 Element Fault
RIV076	382	'8348877_/_8974743'	0.77		1.9	3.33	0.512	0.33	2.88	1.62 No	0.33 Element Fault
RIV076	383	'43702922_/_43702924'	2.2		5.7	10	1.528	1.6	8.95	4.87 No	1.528 Thermal Discharging
RIV076	384	'5409315_/_5409312'	0.83		1.93	3.33	0.512	0.5	2.76	1.62 No	0.5 Element Fault
RIV076	385	'8349094_/_8349091'	0.83		1.9	3.33	0.512	0.5	2.78	1.62 No	0.5 Element Fault
RIV076	386	'5401156_/_43704650'	2.3		5.8	10	1.528	4.9	8.2	4.87 No	1.528 Thermal Discharging
RIV076	387	'5386403_/_5386400'	0.77		1.93	3.33	0.512	0.5	2.73	1.62 No	0.5 Element Fault
RIV076	388	'5388848_/_5388858'	0.87		1.9	3.33	0.512	0.5	2.75	1.62 No	0.5 Element Fault
RIV076	389	'5385451_/_5385448'	2.2		5.6	10	1.528	1.6	8.9	4.87 No	1.528 Thermal Discharging
RIV076	390	'5388388_/_5388386'	2.3		5.7	10	1.528	1.5	8.37	4.87 No	1.5 Element Fault
RIV076	391	'102430564_/_102430575'	0.77		1.9	3.33	0.512	0.5	2.78	1.62 No	0.5 Element Fault
RIV076	392	'7397307_/_7397304_2'	0.8		1.9	3.33	0.512	0.3	2.78	1.62 No	0.3 Element Fault
RIV076	393	'5457603_/_5457600'	2.3		5.6	10	1.528	1.8	8.28	4.87 No	1.528 Thermal Discharging
RIV076	394	'5386147_/_5386144'	0.87		1.9	3.33	0.512	0.55	2.74	1.62 No	0.512 Thermal Discharging
RIV076	395	'5401895_/_5401892'	2.3		5.7	10	1.528	4.9	8.13	4.87 No	1.528 Thermal Discharging
RIV076	396	'5389228_/_5389225'	1.03		1.87	3.33	0.512	0.5	2.82	1.62 No	0.5 Element Fault
RIV076	397	'5387587_/_5387584'	1.53		3.73	6.67	1.016	1	5.53	3.24 No	1 Element Fault
RIV076	398	'5387451_/_5387461'	0.77		1.87	3.33	0.512	0.5	2.78	1.62 No	0.5 Element Fault
RIV076	399	'5388783_/_5391016_2'	0.87		1.9	3.33	0.512	0.5	2.73	1.62 No	0.5 Element Fault
RIV076	400	'43706035_/_5401909'	2.3		5.7	10	1.528	4.9	8.07	4.87 No	1.528 Thermal Discharging
RIV076	401	'478660739_/_8651209'	0.83		1.87	3.33	0.512	0.5	2.74	1.62 No	0.5 Element Fault
RIV076	402	'5409086_/_5409273'	0.77		1.87	3.33	0.512	0.5	2.71	1.62 No	0.5 Element Fault
RIV076	403	'5386416_/_5386413'	0.77		1.9	3.33	0.512	0.5	2.69	1.62 No	0.5 Element Fault
RIV076	404	'5401173_/_5401170'	2.3		5.7	10	1.528	4.9	8.03	4.87 No	1.528 Thermal Discharging
RIV076	405	'5387602_/_5387599'	1.53		3.73	6.67	1.016	1	5.49	3.24 No	1 Element Fault
RIV076	406	'5385069_/_5385066'	0.97		1.87	3.33	0.512	0.5	2.82	1.62 No	0.5 Element Fault
RIV076	407	'5390589_/_5408500'	1.53		3.73	6.67	1.016	1	5.47	3.24 No	1 Element Fault
RIV076	408	'5385507_/_5385505'	2.1		5.5	10	1.528	1.6	8.72	4.87 No	1.528 Thermal Discharging
RIV076	409	'5390575_/_5390587'	1.53		3.73	6.67	1.016	1	5.44	3.24 No	1 Element Fault
RIV076	410	'5408557_/_43706810'	0.77		1.83	3.33	0.512	0.5	2.73	1.62 No	0.5 Element Fault
RIV076	411	'43719619_/_5457542'	1.47		3.67	6.67	1.016	1	5.44	3.24 No	1 Element Fault
RIV076	412	'5405039_/_5405036'	1		1.83	3.33	0.512	0.5	2.76	1.62 No	0.5 Element Fault
RIV076	413	'43704192_/_43704194'	0.87		1.87	3.33	0.512	0.5	2.67	1.62 No	0.5 Element Fault
RIV076	414	'5408656_/_5408653'	2.2		5.5	10	1.528	1.5	8.16	4.87 No	1.5 Element Fault
RIV076	415	'43702979_/_5385726'	0.87		1.83	3.33	0.512	0.3	2.67	1.62 No	0.3 Element Fault
RIV076	416	'43719631_/_5457513'	0.77		1.8	3.33	0.512	0.5	2.69	1.62 No	0.5 Element Fault
RIV076	417	'473408181_/_478660759'	0.83		1.83	3.33	0.512	0.5	2.68	1.62 No	0.5 Element Fault
RIV076	418	'5386377_/_5386374'	0.83		1.83	3.33	0.512	0.5	2.66	1.62 No	0.5 Element Fault
RIV076	419	'5457407_/_5457637'	2.2		5.4	10	1.528	1.8	8.02	4.87 No	1.528 Thermal Discharging
RIV076	420	'64567255_/_64567297'	0.97		1.8	3.33	0.512	0.5	2.72	1.62 No	0.5 Element Fault
RIV076	421	'5390574_/_5390572'	1.47		3.6	6.67	1.016	0.6	5.37	3.24 No	0.6 Element Fault

Feeder Name	Feeder ID	Node	Primary Over- Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RIV076	422	'5457620_/_5457617'	2.2	5.4	10	1.528	1.8	7.99	4.87 No	1.528	Thermal Discharging
RIV076	423	'43703188_/_5386426'	0.73	1.83	3.33	0.512	0.5	2.61	1.62 No	0.5	Element Fault
RIV076	424	'5386361_/_5386358'	0.87	1.8	3.33	0.512	0.5	2.65	1.62 No	0.5	Element Fault
RIV076	425	'5389241_/_5389238'	1	1.8	3.33	0.512	0.5	2.72	1.62 No	0.5	Element Fault
RIV076	426	'5385943_/_5386157'	0.87	1.8	3.33	0.512	0.55	2.63	1.62 No	0.512	Thermal Discharging
RIV076	427	'43704406_/_5390602'	1.47	3.6	6.67	1.016	1	5.33	3.24 No	1	Element Fault
RIV076	428	'5409085_/_5409083'	0.73	1.8	3.33	0.512	0.5	2.61	1.62 No	0.5	Element Fault
RIV076	429	'107232937_/_56971427'	0.77	1.77	3.33	0.512	0.5	2.64	1.62 No	0.5	Element Fault
RIV076	430	'5384969_/_5384966'	0.93	1.77	3.33	0.512	0.5	2.71	1.62 No	0.5	Element Fault
RIV076	431	'43704236_/_43704238'	0.87	1.8	3.33	0.512	0.5	2.61	1.62 No	0.5	Element Fault
RIV076	432	'43704214_/_5388780'	0.87	1.77	3.33	0.512	0.5	2.61	1.62 No	0.5	Element Fault
RIV076	433	'5405052_/_5405049'	0.97	1.77	3.33	0.512	0.5	2.67	1.62 No	0.5	Element Fault
RIV076	434	'8974810_/_8974807'	2.1	5.3	10	1.528	1	8.1	4.87 No	1	Element Fault
RIV076	435	'5457545_/_43719621'	1.4	3.53	6.67	1.016	1	5.24	3.24 No	1	Element Fault
RIV076	436	'8651212_/_473408201'	0.83	1.77	3.33	0.512	0.5	2.6	1.62 No	0.5	Element Fault
RIV076	437	'43704046_/_5389108'	0.97	1.77	3.33	0.512	0.5	2.65	1.62 No	0.5	Element Fault
RIV076	438	'5385703_/_5385713'	0.87	1.77	3.33	0.512	0.3	2.58	1.62 No	0.3	Element Fault
RIV076	439	'5388704_/_5388702'	0.87	1.77	3.33	0.512	0.5	2.57	1.62 No	0.5	Element Fault
RIV076	440	'5386442_/_43703190'	0.73	1.77	3.33	0.512	0.5	2.53	1.62 No	0.5	Element Fault
RIV076	441	'8651140_/_451090172_2'	0.93	1.73	3.33	0.512	0.3	2.59	1.62 No	0.3	Element Fault
RIV076	442	'5386173_/_5386170'	0.87	1.77	3.33	0.512	0.55	2.56	1.62 No	0.512	Thermal Discharging
RIV076	443	'43702878_/_5385092'	0.9	1.73	3.33	0.512	0.5	2.66	1.62 No	0.5	Element Fault
RIV076	444	'5387450_/_5387448'	0.7	1.73	3.33	0.512	0.5	2.61	1.62 No	0.5	Element Fault
RIV076	445	'43704418_/_5390683'	1.4	3.47	6.67	1.016	1	5.17	3.24 No	1	Element Fault
RIV076	446	'5408523_/_5408536'	1.4	3.47	6.67	1.016	0.6	5.17	3.24 No	0.6	Element Fault
RIV076	447	'43718629_/_5457526'	0.77	1.73	3.33	0.512	0.5	2.57	1.62 No	0.5	Element Fault
RIV076	448	'8348878_/_8348875'	0.7	1.7	3.33	0.512	0.33	2.62	1.62 No	0.33	Element Fault
RIV076	449	'5386186_/_5386183_1'	0.87	1.7	3.33	0.512	0.3	2.51	1.62 No	0.3	Element Fault
RIV076	450	'43703144_/_5386183_2'	0.87	1.7	3.33	0.512	0.3	2.5	1.62 No	0.3	Element Fault
RIV076	451	'349732237_/_5457714'	2.1	5	10	1.528	1.8	7.56	4.87 No	1.528	Thermal Discharging
RIV076	452	'43703056_/_43703058'	0.87	1.7	3.33	0.512	0.55	2.5	1.62 No	0.512	Thermal Discharging
RIV076	453	'5386390_/_5386387'	0.83	1.7	3.33	0.512	0.5	2.5	1.62 No	0.5	Element Fault
RIV076	454	'5457408_/_5457405'	2.1	5	10	1.528	1.8	7.54	4.87 No	1.528	Thermal Discharging
RIV076	455	'5396181_/_5396179'	0.93	1.67	3.33	0.512	0.5	2.57	1.62 No	0.5	Element Fault
RIV076	456	'5388822_/_5388832'	0.87	1.7	3.33	0.512	0.5	2.49	1.62 No	0.5	Element Fault
RIV076	457	'43702889_/_43702880'	0.9	1.67	3.33	0.512	0.5	2.59	1.62 No	0.5	Element Fault
RIV076	458	'5384721_/_5405091'	0.93	1.67	3.33	0.512	0.5	2.55	1.62 No	0.5	Element Fault
RIV076	459	'64567224_/_64567266'	0.93	1.67	3.33	0.512	0.5	2.55	1.62 No	0.5	Element Fault
RIV076	460	'5390668_/_43704420'	1.33	3.33	6.67	1.016	1	5.02	3.24 No	1	Element Fault
RIV076	461	'64567080_/_64567091'	0.93	1.67	3.33	0.512	0.5	2.55	1.62 No	0.5	Element Fault
RIV076	462	'43702968_/_43702970'	0.87	1.7	3.33	0.512	0.3	2.48	1.62 No	0.3	Element Fault
RIV076	463	'5457734_/_349732241'	2.1	5	10	1.528	1.8	7.5	4.87 No	1.528	Thermal Discharging
RIV076	464	'8657547_/_8976979_1'	2.1	5	10	1.528	1.1	7.48	4.87 No	1.1	Element Fault
RIV076	465	'5389085_/_5389095'	0.9	1.67	3.33	0.512	0.5	2.54	1.62 No	0.5	Element Fault
RIV076	466	'8974762_/_8974759'	0.67	1.63	3.33	0.512	0.33	2.55	1.62 No	0.33	Element Fault
RIV076	467	'5388757_/_5388767'	0.87	1.67	3.33	0.512	0.5	2.47	1.62 No	0.5	Element Fault
RIV076	468	'5386458_/_5386455'	0.7	1.67	3.33	0.512	0.5	2.43	1.62 No	0.5	Element Fault
RIV076	469	'5390653_/_5390665'	1.33	3.27	6.67	1.016	0.6	4.91	3.24 No	0.6	Element Fault
RIV076	470	'8976982_/_8976979_2'	2	4.9	10	1.528	1.1	7.35	4.87 No	1.1	Element Fault
RIV076	471	'5408524_/_5408521'	1.33	3.27	6.67	1.016	0.6	4.89	3.24 No	0.6	Element Fault
RIV076	472	'109493700_/_109493711'	0.67	1.63	3.33	0.512	0.5	2.45	1.62 No	0.5	Element Fault
RIV076	473	'5434792_/_5434789'	0.77	1.63	3.33	0.512	0.5	2.43	1.62 No	0.5	Element Fault
RIV076	474	'7397255_/_9602761'	0.63	1.6	3.33	0.512	0.33	2.49	1.62 No	0.33	Element Fault
RIV076	475	'5388809_/_5388819'	0.87	1.63	3.33	0.512	0.5	2.4	1.62 No	0.5	Element Fault
RIV076	476	'43703155_/_43703146'	0.87	1.63	3.33	0.512	0.3	2.39	1.62 No	0.3	Element Fault
RIV076	477	'8341616_/_8341629_1'	0.77	1.6	3.33	0.512	0.3	2.41	1.62 No	0.3	Element Fault
RIV076	478	'5385677_/_5385687'	0.87	1.6	3.33	0.512	0.3	2.38	1.62 No	0.3	Element Fault
RIV076	479	'5410952_/_5410949'	0.87	1.6	3.33	0.512	0.5	2.45	1.62 No	0.5	Element Fault
RIV076	480	'5385108_/_43702891'	0.83	1.6	3.33	0.512	0.5	2.47	1.62 No	0.5	Element Fault
RIV076	481	'5384722_/_5384719'	0.87	1.6	3.33	0.512	0.5	2.44	1.62 No	0.5	Element Fault
RIV076	482	'5389072_/_5389082'	0.87	1.6	3.33	0.512	0.5	2.43	1.62 No	0.5	Element Fault
RIV076	483	'5385914_/_5385924'	0.87	1.6	3.33	0.512	0.55	2.37	1.62 No	0.512	Thermal Discharging
RIV076	484	'5457425_/_5457422'	1.9	4.7	10	1.528	1.8	7.15	4.87 No	1.528	Thermal Discharging
RIV076	485	'64567173_/_64567235'	0.87	1.57	3.33	0.512	0.5	2.42	1.62 No	0.5	Element Fault
RIV076	486	'8341632_/_8341629_2'	0.77	1.57	3.33	0.512	0.3	2.38	1.62 No	0.3	Element Fault
RIV076	487	'43703177_/_5401764'	0.87	1.57	3.33	0.512	0.5	2.35	1.62 No	0.5	Element Fault
RIV076	488	'5386471_/_5386468'	0.63	1.6	3.33	0.512	0.5	2.32	1.62 No	0.5	Element Fault
RIV076	489	'5388744_/_5388754'	0.87	1.57	3.33	0.512	0.5	2.36	1.62 No	0.5	Element Fault
RIV076	490	'43704443_/_43704445'	1.27	3.13	6.67	1.016	0.6	4.75	3.24 No	0.6	Element Fault
RIV076	491	'7397254_/_7397252'	0.63	1.57	3.33	0.512	0.33	2.43	1.62 No	0.33	Element Fault
RIV076	492	'349732179_/_349732198'	1.9	4.7	10	1.528	1.1	7.09	4.87 No	1.1	Element Fault
RIV076	493	'5386214_/_43703157'	0.87	1.57	3.33	0.512	0.3	2.31	1.62 No	0.3	Element Fault
RIV076	494	'5385664_/_5385674'	0.83	1.57	3.33	0.512	0.3	2.3	1.62 No	0.3	Element Fault
RIV076	495	'5385901_/_5385911'	0.87	1.53	3.33	0.512	0.55	2.3	1.62 No	0.512	Thermal Discharging
RIV076	496	'5389071_/_5389069'	0.83	1.53	3.33	0.512	0.5	2.35	1.62 No	0.5	Element Fault
RIV076	497	'43704225_/_5388806'	0.83	1.53	3.33	0.512	0.5	2.3	1.62 No	0.5	Element Fault
RIV076	498	'5385121_/_5385118'	0.8	1.53	3.33	0.512	0.5	2.37	1.62 No	0.5	Element Fault
RIV076	499	'7710867_/_9602777'	0.6	1.5	3.33	0.512	0.33	2.37	1.62 No	0.33	Element Fault
RIV076	500	'413680597_/_120618574_2'	0.87	1.53	3.33	0.512	0.55	2.28	1.62 No	0.512	Thermal Discharging
RIV076	501	'102430634_/_109854343'	0.63	1.53	3.33	0.512	0.5	2.31	1.62 No	0.5	Element Fault
RIV076	502	'43702649_/_5384732'	0.83	1.5	3.33	0.512	0.5	2.33	1.62 No	0.5	Element Fault
RIV076	503	'43702708_/_5410962'	0.83	1.5	3.33	0.512	0.5	2.33	1.62 No	0.5	Element Fault
RIV076	504	'43712739_/_5437698'	0.77	1.5	3.33	0.512	0.5	2.27	1.62 No	0.5	Element Fault
RIV076	505	'5386215_/_5386212'	0.87	1.5	3.33	0.512	0.3	2.26	1.62 No	0.3	Element Fault
RIV076	506	'5388731_/_5388741'	0.83	1.5	3.33	0.512	0.5	2.26	1.62 No	0.5	Element Fault
RIV076	507	'43703199_/_43703201'	0.6	1.5	3.33	0.512	0.5	2.22	1.62 No	0.5	Element Fault
RIV076	508	'5390623_/_5390635'	1.2	3	6.67	1.016	0.6	4.54	3.24 No	0.6	Element Fault
RIV076	509	'5438062_/_5457439'	1.8	4.4	10	1.528	1.8	6.79	4.87 No	1.528	Thermal Discharging
RIV076	510	'5385651_/_5385661'	0.8	1.5	3.33	0.512	0.3	2.23	1.62 No	0.3	Element Fault
RIV076	511	'5401767_/_43703179'	0.8	1.47	3.33	0.512	0.5	2.22	1.62 No	0.5	Element Fault
RIV076	512	'5386241_/_5386238'	0.83	1.47	3.33	0.512	0.3	2.21	1.62 No	0.3	Element Fault
RIV076	513	'5385888_/_120618574_1'	0.83	1.47	3.33	0.512	0.3	2.21	1.62 No	0.3	Element Fault
RIV076	514	'5385134_/_5385131'	0.77	1.47	3.33	0.512	0.5	2.28	1.62 No	0.5	Element Fault
RIV076	515	'43704224_/_5388793'	0.8	1.47	3.33	0.512	0.5	2.19	1.62 No	0.5	Element Fault

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RIV076	516	'5384748_/5384745'	0.8	1.43	3.33	0.512	0.5	2.24	1.62 No	0.5	Element Fault
RIV076	517	'8956016_/8956013'	0.77	1.43	3.33	0.512	0.3	2.2	1.62 No	0.3	Element Fault
RIV076	518	'89097037_/89097048'	0.8	1.43	3.33	0.512	0.5	2.23	1.62 No	0.5	Element Fault
RIV076	519	'43704203_/5388728'	0.8	1.43	3.33	0.512	0.5	2.18	1.62 No	0.5	Element Fault
RIV076	520	'5410965_/43702712'	0.77	1.43	3.33	0.512	0.5	2.22	1.62 No	0.5	Element Fault
RIV076	521	'43702957_/5385648'	0.77	1.43	3.33	0.512	0.3	2.15	1.62 No	0.3	Element Fault
RIV076	522	'5390622_/5390620'	1.13	2.87	6.67	1.016	0.6	4.37	3.24 No	0.6	Element Fault
RIV076	523	'5386254_/5386251'	0.8	1.43	3.33	0.512	0.3	2.15	1.62 No	0.3	Element Fault
RIV076	524	'5385875_/5385885_2'	0.83	1.43	3.33	0.512	0.3	2.15	1.62 No	0.3	Element Fault
RIV076	525	'5386483_/5386481'	0.6	1.43	3.33	0.512	0.5	2.13	1.62 No	0.5	Element Fault
RIV076	526	'90114486_/90114512'	0.77	1.4	3.33	0.512	0.5	2.19	1.62 No	0.5	Element Fault
RIV076	527	'43712810_/5438060'	1.7	4.2	10	1.528	1.8	6.49	4.87 No	1.528	Thermal Discharging
RIV076	528	'43703045_/5385885_1'	0.8	1.4	3.33	0.512	0.3	2.14	1.62 No	0.3	Element Fault
RIV076	529	'43702900_/5385144'	0.73	1.4	3.33	0.512	0.5	2.2	1.62 No	0.5	Element Fault
RIV076	530	'5386280_/5386277'	0.8	1.4	3.33	0.512	0.3	2.13	1.62 No	0.3	Element Fault
RIV076	531	'5437714_/5437711'	0.77	1.4	3.33	0.512	0.5	2.14	1.62 No	0.5	Element Fault
RIV076	532	'5384761_/5384758'	0.77	1.4	3.33	0.512	0.5	2.16	1.62 No	0.5	Element Fault
RIV076	533	'5385625_/5385635'	0.77	1.4	3.33	0.512	0.3	2.09	1.62 No	0.3	Element Fault
RIV076	534	'5385862_/5385872'	0.8	1.37	3.33	0.512	0.3	2.08	1.62 No	0.3	Element Fault
RIV076	535	'43703166_/5386264'	0.77	1.37	3.33	0.512	0.3	2.08	1.62 No	0.3	Element Fault
RIV076	536	'43704202_/5388715'	0.77	1.37	3.33	0.512	0.5	2.07	1.62 No	0.5	Element Fault
RIV076	537	'5385160_/43702902'	0.7	1.33	3.33	0.512	0.5	2.12	1.62 No	0.5	Element Fault
RIV076	538	'5384774_/5384771'	0.73	1.33	3.33	0.512	0.5	2.1	1.62 No	0.5	Element Fault
RIV076	539	'74956362_/74956217'	0.73	1.37	3.33	0.512	0.3	2.04	1.62 No	0.3	Element Fault
RIV076	540	'5438063_/43712812'	1.6	4	10	1.528	1.8	6.21	4.87 No	1.528	Thermal Discharging
RIV076	541	'102430669_/102430680'	0.57	1.33	3.33	0.512	0.5	2.08	1.62 No	0.5	Element Fault
RIV076	542	'43703133_/5386290'	0.77	1.33	3.33	0.512	0.3	2.04	1.62 No	0.3	Element Fault
RIV076	543	'5386692_/5386689'	0.57	1.37	3.33	0.512	0.5	2.03	1.62 No	0.5	Element Fault
RIV076	544	'90114726_/90114497_1'	0.73	1.33	3.33	0.512	0.5	2.08	1.62 No	0.5	Element Fault
RIV076	545	'43703581_/43703583'	1.07	2.67	6.67	1.016	0.6	4.11	3.24 No	0.6	Element Fault
RIV076	546	'5411119_/5411116'	0.53	1.33	3.33	0.512	0.5	2	1.62 No	0.5	Element Fault
RIV076	547	'5385846_/5385859'	0.77	1.33	3.33	0.512	0.3	2.02	1.62 No	0.3	Element Fault
RIV076	548	'5385173_/5385170'	0.7	1.33	3.33	0.512	0.5	2.08	1.62 No	0.5	Element Fault
RIV076	549	'43702660_/5384784'	0.73	1.33	3.33	0.512	0.5	2.06	1.62 No	0.5	Element Fault
RIV076	550	'5437730_/5437727'	0.77	1.33	3.33	0.512	0.5	2.02	1.62 No	0.5	Element Fault
RIV076	551	'5386267_/43703168'	0.77	1.33	3.33	0.512	0.3	2.01	1.62 No	0.3	Element Fault
RIV076	552	'5385596_/74956248'	0.7	1.33	3.33	0.512	0.3	1.99	1.62 No	0.3	Element Fault
RIV076	553	'5401754_/5401751'	0.53	1.33	3.33	0.512	0.5	1.98	1.62 No	0.5	Element Fault
RIV076	554	'5385186_/5385183'	0.67	1.3	3.33	0.512	0.5	2.05	1.62 No	0.5	Element Fault
RIV076	555	'109493751_/109493762'	0.53	1.3	3.33	0.512	0.5	2.01	1.62 No	0.5	Element Fault
RIV076	556	'5385833_/5385843'	0.73	1.3	3.33	0.512	0.3	1.99	1.62 No	0.3	Element Fault
RIV076	557	'5384787_/43702662'	0.7	1.3	3.33	0.512	0.5	2.01	1.62 No	0.5	Element Fault
RIV076	558	'109493779_/109493788'	0.53	1.27	3.33	0.512	0.5	1.99	1.62 No	0.5	Element Fault
RIV076	559	'5387634_/5387632'	1	2.53	6.67	1.016	0.6	3.97	3.24 No	0.6	Element Fault
RIV076	560	'5386306_/5386303'	0.73	1.3	3.33	0.512	0.3	1.96	1.62 No	0.3	Element Fault
RIV076	561	'5386496_/5411142'	0.53	1.3	3.33	0.512	0.5	1.94	1.62 No	0.5	Element Fault
RIV076	562	'43702946_/5385593'	0.7	1.27	3.33	0.512	0.3	1.94	1.62 No	0.3	Element Fault
RIV076	563	'5386322_/5386319'	0.73	1.27	3.33	0.512	0.3	1.93	1.62 No	0.3	Element Fault
RIV076	564	'43702911_/5385196'	0.67	1.27	3.33	0.512	0.5	1.98	1.62 No	0.5	Element Fault
RIV076	565	'43703023_/43703025'	0.73	1.27	3.33	0.512	0.3	1.93	1.62 No	0.3	Element Fault
RIV076	566	'5385241_/5385580'	0.67	1.23	3.33	0.512	0.3	1.89	1.62 No	0.3	Element Fault
RIV076	567	'5386497_/5386494'	0.5	1.23	3.33	0.512	0.5	1.89	1.62 No	0.5	Primary Over-Voltage
RIV076	568	'5385199_/43702913'	0.63	1.2	3.33	0.512	0.5	1.92	1.62 No	0.5	Element Fault
RIV076	569	'5385807_/5385817'	0.7	1.23	3.33	0.512	0.3	1.88	1.62 No	0.3	Element Fault
RIV076	570	'5386335_/5386332'	0.7	1.2	3.33	0.512	0.3	1.87	1.62 No	0.3	Element Fault
RIV076	571	'5386510_/5386507'	0.5	1.2	3.33	0.512	0.5	1.84	1.62 No	0.5	Primary Over-Voltage
RIV076	572	'5385228_/5385238'	0.67	1.2	3.33	0.512	0.3	1.84	1.62 No	0.3	Element Fault
RIV076	573	'109240487_/109240498'	0.5	1.2	3.33	0.512	0.5	1.87	1.62 No	0.5	Primary Over-Voltage
RIV076	574	'5386348_/5386345'	0.67	1.2	3.33	0.512	0.3	1.84	1.62 No	0.3	Element Fault
RIV076	575	'7710868_/7710865'	0.47	1.2	3.33	0.512	0.33	1.9	1.62 No	0.33	Element Fault
RIV076	576	'5385794_/5385804'	0.7	1.2	3.33	0.512	0.3	1.84	1.62 No	0.3	Element Fault
RIV076	577	'5386523_/5386520'	0.47	1.17	3.33	0.512	0.5	1.8	1.62 No	0.47	Primary Over-Voltage
RIV076	578	'43702845_/5385225'	0.63	1.17	3.33	0.512	0.3	1.78	1.62 No	0.3	Element Fault
RIV076	579	'5385781_/5385791'	0.67	1.17	3.33	0.512	0.3	1.8	1.62 No	0.3	Element Fault
RIV076	580	'5385956_/5385966_1'	0.67	1.17	3.33	0.512	0.2	1.79	1.62 No	0.2	Element Fault
RIV076	581	'5386536_/5386533'	0.47	1.13	3.33	0.512	0.5	1.76	1.62 No	0.47	Primary Over-Voltage
RIV076	582	'109240520_/109240531'	0.47	1.13	3.33	0.512	0.5	1.79	1.62 No	0.47	Primary Over-Voltage
RIV076	583	'8974793_/9288129'	0.47	1.13	3.33	0.512	0.33	1.8	1.62 No	0.33	Element Fault
RIV076	584	'5385211_/5385209'	0.6	1.13	3.33	0.512	0.3	1.73	1.62 No	0.3	Element Fault
RIV076	585	'8348909_/8974791'	0.43	1.1	3.33	0.512	0.33	1.78	1.62 No	0.33	Element Fault
RIV076	586	'109240554_/109240565'	0.47	1.1	3.33	0.512	0.5	1.75	1.62 No	0.47	Primary Over-Voltage
RIV076	587	'5385969_/5385966_2'	0.63	1.1	3.33	0.512	0.2	1.73	1.62 No	0.2	Element Fault
RIV076	588	'5385768_/5385778'	0.63	1.1	3.33	0.512	0.3	1.73	1.62 No	0.3	Element Fault
RIV076	589	'7710883_/8348907'	0.43	1.1	3.33	0.512	0.33	1.75	1.62 No	0.33	Element Fault
RIV076	590	'5411011_/5411009'	0.6	1.1	3.33	0.512	0.3	1.68	1.62 No	0.3	Element Fault
RIV076	591	'5386549_/5386546'	0.43	1.1	3.33	0.512	0.5	1.68	1.62 No	0.43	Primary Over-Voltage
RIV076	592	'5385982_/43703036'	0.63	1.1	3.33	0.512	0.2	1.69	1.62 No	0.2	Element Fault
RIV076	593	'5385998_/5385995'	0.6	1.07	3.33	0.512	0.2	1.66	1.62 No	0.2	Element Fault
RIV076	594	'43703012_/5385765'	0.6	1.07	3.33	0.512	0.3	1.65	1.62 No	0.3	Element Fault
RIV076	595	'119266859_/119266865'	0.43	1.03	3.33	0.512	0.33	1.69	1.62 No	0.33	Element Fault
RIV076	596	'5386562_/5386559'	0.43	1.07	3.33	0.512	0.5	1.63	1.62 No	0.43	Primary Over-Voltage
RIV076	597	'109240589_/109240600'	0.43	1.03	3.33	0.512	0.5	1.66	1.62 No	0.43	Primary Over-Voltage
RIV076	598	'119266916_/119266927'	0.4	1.03	3.33	0.512	0.33	1.68	1.62 No	0.33	Element Fault
RIV076	599	'5386011_/5386008'	0.6	1.03	3.33	0.512	0.2	1.61	1.62 No	0.2	Element Fault
RIV076	600	'5385293_/5385752'	0.6	1.03	3.33	0.512	0.3	1.61	1.62 No	0.3	Element Fault
RIV076	601	'5386575_/5386572'	0.4	1	3.33	0.512	0.5	1.57	1.62 No	0.4	Primary Over-Voltage
RIV076	602	'5386024_/5386021'	0.57	1	3.33	0.512	0.2	1.56	1.62 No	0.2	Element Fault
RIV076	603	'109240624_/109240635'	0.4	1	3.33	0.512	0.5	1.56	1.62 No	0.4	Primary Over-Voltage
RIV076	604	'5385280_/5385290'	0.57	0.97	3.33	0.512	0.3	1.54	1.62 No	0.3	Element Fault
RIV076	605	'43703067_/5386034'	0.57	0.97	3.33	0.512	0.2	1.53	1.62 No	0.2	Element Fault
RIV076	606	'43703210_/5386585'	0.4	0.97	3.33	0.512	0.5	1.51	1.62 No	0.4	Primary Over-Voltage
RIV076	607	'5385267_/5385277'	0.53	0.97	3.33	0.512	0.3	1.5	1.62 No	0.3	Element Fault
RIV076	608	'5386050_/43703069'	0.53	0.93	3.33	0.512	0.2	1.49	1.62 No	0.2	Element Fault
RIV076	609	'5386601_/5386598'	0.4	0.93	3.33	0.512	0.5	1.46	1.62 No	0.4	Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RIV076	610	'43703078_/5386060'	0.53	0.93	3.33	0.512	0.2	1.47	1.62 No	0.2	Element Fault
RIV076	611	'5386614_/5386611'	0.37	0.93	3.33	0.512	0.5	1.45	1.62 No	0.37	Primary Over-Voltage
RIV076	612	'43702856_/5385264'	0.53	0.93	3.33	0.512	0.3	1.46	1.62 No	0.3	Element Fault
RIV076	613	'5386627_/5386624'	0.37	0.9	3.33	0.512	0.5	1.43	1.62 No	0.37	Primary Over-Voltage
RIV076	614	'446272759_/446272723_1'	0.37	0.9	3.33	0.512	0.3	1.43	1.62 No	0.3	Element Fault
RIV076	615	'43703089_/43703080'	0.5	0.9	3.33	0.512	0.2	1.43	1.62 No	0.2	Element Fault
RIV076	616	'43703111_/446272723_2'	0.37	0.9	3.33	0.512	0.3	1.4	1.62 No	0.3	Element Fault
RIV076	617	'43702855_/5385251'	0.5	0.9	3.33	0.512	0.3	1.41	1.62 No	0.3	Element Fault
RIV076	618	'5386640_/5386637'	0.37	0.9	3.33	0.512	0.5	1.39	1.62 No	0.37	Primary Over-Voltage
RIV076	619	'5386720_/43703113'	0.37	0.87	3.33	0.512	0.3	1.38	1.62 No	0.3	Element Fault
RIV076	620	'5386092_/43703091'	0.5	0.87	3.33	0.512	0.2	1.39	1.62 No	0.2	Element Fault
RIV076	621	'5386105_/5386102'	0.5	0.87	3.33	0.512	0.2	1.37	1.62 No	0.2	Element Fault
RIV076	622	'5386118_/5386115'	0.5	0.87	3.33	0.512	0.2	1.36	1.62 No	0.2	Element Fault
RIV076	623	'43703122_/5386676'	0.37	0.87	3.33	0.512	0.5	1.35	1.62 No	0.37	Primary Over-Voltage
RIV076	624	'43703100_/5386718'	0.33	0.87	3.33	0.512	0.3	1.34	1.62 No	0.3	Element Fault
RIV076	625	'5386652_/5386650_1'	0.33	0.87	3.33	0.512	0.3	1.34	1.62 No	0.3	Element Fault
RIV076	626	'5386734_/5386731'	0.33	0.83	3.33	0.512	0.3	1.31	1.62 No	0.3	Element Fault
RIV076	627	'43703260_/5386650_2'	0.33	0.83	3.33	0.512	0.3	1.3	1.62 No	0.3	Element Fault
RIV076	628	'5386747_/5386744'	0.33	0.83	3.33	0.512	0.3	1.29	1.62 No	0.3	Element Fault
RIV076	629	'5386666_/43703262'	0.33	0.8	3.33	0.512	0.3	1.27	1.62 No	0.3	Element Fault
RIV076	630	'5386760_/5386757'	0.33	0.8	3.33	0.512	0.3	1.27	1.62 No	0.3	Element Fault
RIV076	631	'5386817_/5386814'	0.33	0.8	3.33	0.512	0.3	1.24	1.62 No	0.3	Element Fault
RIV076	632	'5386773_/5386770'	0.33	0.8	3.33	0.512	0.3	1.24	1.62 No	0.3	Element Fault
RIV076	633	'5386786_/5386783'	0.33	0.77	3.33	0.512	0.3	1.23	1.62 No	0.3	Element Fault
RIV076	634	'5386830_/5386827'	0.3	0.77	3.33	0.512	0.3	1.22	1.62 No	0.3	Primary Over-Voltage
RIV076	635	'43703271_/5386840'	0.3	0.77	3.33	0.512	0.3	1.19	1.62 No	0.3	Primary Over-Voltage
RIV076	636	'5386856_/43703273'	0.3	0.73	3.33	0.512	0.3	1.17	1.62 No	0.3	Primary Over-Voltage
RIV076	637	'5386869_/5386866'	0.3	0.7	3.33	0.512	0.3	1.14	1.62 No	0.3	Primary Over-Voltage
RIV076	638	'43703282_/5386879'	0.27	0.7	3.33	0.512	0.3	1.11	1.62 No	0.27	Primary Over-Voltage
RIV076	639	'5386882_/43703284'	0.27	0.67	3.33	0.512	0.3	1.08	1.62 No	0.27	Primary Over-Voltage
RLK064	0	'RLK064_/358354349'	10	10	10	1.288	10	10	3.49 No	1.288	Thermal Discharging
RLK064	1	'358354343_/358354349'	10	10	10	1.288	10	10	3.49 No	1.288	Thermal Discharging
RLK064	2	'358354284_/358354400'	10	10	10	1.288	10	10	3.49 No	1.288	Thermal Discharging
RLK064	3	'87679364_/87679298_2'	10	10	10	1.288	10	10	3.49 No	1.288	Thermal Discharging
RLK064	4	'43360477_/87679298_1'	10	10	10	1.288	10	10	3.49 No	1.288	Thermal Discharging
RLK064	5	'377295989_/3652553'	10	10	10	1.288	10	10	3.49 No	1.288	Thermal Discharging
RLK064	6	'60790246_/43360479_1'	10	10	10	1.288	10	10	3.49 No	1.288	Thermal Discharging
RLK064	7	'44057768_/43360479_2'	10	10	10	1.288	10	10	3.49 No	1.288	Thermal Discharging
RLK064	8	'50153637_/44057770_1'	10	10	10	1.288	10	10	3.49 No	1.288	Thermal Discharging
RLK064	9	'60790316_/60790216_1'	3.33	3.33	3.33	0.432	0.5	3.33	1.16 No	0.432	Thermal Discharging
RLK064	10	'3652447_/44057770_2'	10	10	10	1.288	10	10	3.49 No	1.288	Thermal Discharging
RLK064	11	'50345452_/9062199_2'	3.33	3.33	3.33	0.432	1.4	3.33	1.16 No	0.432	Thermal Discharging
RLK064	12	'3652049_/3652519'	10	10	10	1.288	10	10	3.49 No	1.288	Thermal Discharging
RLK064	13	'8743994_/8743992_1'	3.33	3.33	3.33	0.432	0.5	3.33	1.16 No	0.432	Thermal Discharging
RLK064	14	'3652050_/3652047'	10	10	10	1.288	10	10	3.49 No	1.288	Thermal Discharging
RLK064	15	'43360490_/3652445'	10	10	10	1.288	4.7	10	3.49 No	1.288	Thermal Discharging
RLK064	16	'60790247_/60790216_2'	3.33	3.33	3.33	0.432	0.5	3.33	1.16 No	0.432	Thermal Discharging
RLK064	17	'43360453_/3652230'	10	10	10	1.288	10	10	3.49 No	1.288	Thermal Discharging
RLK064	18	'3652448_/7904095_2'	10	10	10	1.288	4.7	10	3.49 No	1.288	Thermal Discharging
RLK064	19	'3652066_/3652347'	10	10	10	1.288	10	10	3.49 No	1.288	Thermal Discharging
RLK064	20	'3652067_/3652064'	10	10	10	1.288	10	10	3.49 No	1.288	Thermal Discharging
RLK064	21	'3652084_/3652081'	10	10	10	1.288	10	10	3.49 No	1.288	Thermal Discharging
RLK064	22	'3652104_/3652101'	10	10	10	1.288	10	10	3.49 No	1.288	Thermal Discharging
RLK064	23	'3652120_/3652203'	10	10	10	1.288	10	10	3.49 No	1.288	Thermal Discharging
RLK064	24	'3652121_/3652118'	10	10	10	1.288	10	10	3.49 No	1.288	Thermal Discharging
RLK064	25	'463203812_/8743992_2'	3.33	3.33	3.33	0.432	0.5	3.33	1.16 No	0.432	Thermal Discharging
RLK064	26	'3652009_/3652135'	10	10	10	1.288	10	10	3.49 No	1.288	Thermal Discharging
RLK064	27	'7904098_/7904095_1'	10	10	10	1.288	1.5	10	3.49 No	1.288	Thermal Discharging
RLK064	28	'43360339_/3652152'	10	10	10	1.288	10	10	3.49 No	1.288	Thermal Discharging
RLK064	29	'9062202_/9062199_1'	3.33	3.33	3.33	0.432	0.5	3.33	1.16 No	0.432	Thermal Discharging
RLK064	30	'3652171_/43360341'	10	10	10	1.288	10	10	3.49 No	1.288	Thermal Discharging
RLK064	31	'3652172_/3652169'	10	10	10	1.288	10	10	3.49 No	1.288	Thermal Discharging
RLK064	32	'8219208_/8528961_2'	10	10	10	1.288	4.3	10	3.49 No	1.288	Thermal Discharging
RLK064	33	'3652189_/3652186'	10	10	10	1.288	10	10	3.49 No	1.288	Thermal Discharging
RLK064	34	'43360440_/3652007'	10	10	10	1.288	4.7	10	3.49 No	1.288	Thermal Discharging
RLK064	35	'8847393_/253736081_2'	10	10	10	1.288	10	10	3.49 No	1.288	Thermal Discharging
RLK064	36	'43360352_/3652307'	10	10	10	1.288	10	10	3.49 No	1.288	Thermal Discharging
RLK064	37	'3652310_/8504449_2'	10	10	10	1.288	5.3	10	3.49 No	1.288	Thermal Discharging
RLK064	38	'102518164_/7904015_2'	10	10	10	1.288	4.7	10	3.49 No	1.288	Thermal Discharging
RLK064	39	'8504452_/8504449_1'	10	10	10	1.288	2.3	10	3.49 No	1.288	Thermal Discharging
RLK064	40	'7127868_/7127865'	3.33	3.33	3.33	0.432	1.5	3.33	1.16 No	0.432	Thermal Discharging
RLK064	41	'7500441_/8761292_1'	3.33	3.33	3.33	0.432	0.5	3.33	1.16 No	0.432	Thermal Discharging
RLK064	42	'8221453_/9166264'	10	10	10	1.288	2.3	10	3.49 No	1.288	Thermal Discharging
RLK064	43	'7903999_/8847451'	10	10	10	1.288	1.5	10	3.49 No	1.288	Thermal Discharging
RLK064	44	'40974391_/8761292_2'	3.33	3.33	3.33	0.432	0.5	3.33	1.16 No	0.432	Thermal Discharging
RLK064	45	'7586569_/8528961_1'	10	10	10	1.288	2.3	10	3.49 No	1.288	Thermal Discharging
RLK064	46	'7585454_/7904015_1'	10	10	10	1.288	1.5	10	3.49 No	1.288	Thermal Discharging
RLK064	47	'8219169_/8219226'	6.67	6.67	6.67	0.856	1.53	6.67	2.33 No	0.856	Thermal Discharging
RLK064	48	'400177053_/253736081_1'	10	10	10	1.288	10	10	3.49 No	1.288	Thermal Discharging
RLK064	49	'400177048_/37697888'	10	10	10	1.288	10	10	3.49 No	1.288	Thermal Discharging
RLK064	50	'400177059_/37697895'	10	10	10	1.288	4.8	10	3.49 No	1.288	Thermal Discharging
RLK064	51	'400177047_/37697881'	10	10	10	1.288	10	10	3.49 No	1.288	Thermal Discharging
RLK064	52	'400177065_/37697902'	10	10	10	1.288	5.2	10	3.49 No	1.288	Thermal Discharging
RLK064	53	'8221452_/8221450'	10	10	10	1.288	2.3	10	3.49 No	1.288	Thermal Discharging
RLK064	54	'7794451_/463203835'	3.33	3.33	3.33	0.432	0.5	3.33	1.16 No	0.432	Thermal Discharging
RLK064	55	'7903940_/8219166'	10	10	10	1.288	2.3	10	3.49 No	1.288	Thermal Discharging
RLK064	56	'49984370_/8847371_1'	9.9	10	10	1.288	1.5	10	3.49 No	1.288	Thermal Discharging
RLK064	57	'7903939_/7903937'	10	10	10	1.288	2.3	10	3.49 No	1.288	Thermal Discharging
RLK064	58	'37697975_/8847351'	10	10	10	1.288	5.2	10	3.49 No	1.288	Thermal Discharging
RLK064	59	'37697954_/37697979'	10	10	10	1.288	5.2	10	3.49 No	1.288	Thermal Discharging
RLK064	60	'37697961_/37697958'	10	10	10	1.288	5.2	10	3.49 No	1.288	Thermal Discharging
RLK064	61	'37697947_/37697951'	10	10	10	1.288	5.2	10	3.49 No	1.288	Thermal Discharging
RLK064	62	'400177224_/400177221'	10	10	10	1.288	5.2	10	3.49 No	1.288	Thermal Discharging
RLK064	63	'8761295_/44104445'	3.33	3.33	3.33	0.432	0.5	3.33	1.16 No	0.432	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RLK064	64	'7269821_/9475964'	2.5	3.33	3.33	0.432	0.5	3.33	1.16 No	0.432	Thermal Discharging
RLK064	65	'7269897_/7269895'	10	10	10	1.288	10	10	3.49 No	1.288	Thermal Discharging
RLK064	66	'7269822_/7269819'	2.37	3.33	3.33	0.432	0.5	3.33	1.16 No	0.432	Thermal Discharging
RLK064	67	'3652290_/7585331_1'	10	10	10	1.288	2.8	10	3.49 No	1.288	Thermal Discharging
RLK064	68	'43360414_/7585331_2'	10	10	10	1.288	2.8	10	3.49 No	1.288	Thermal Discharging
RLK064	69	'388549932_/8504469'	10	10	10	1.288	10	10	3.49 No	1.288	Thermal Discharging
RLK064	70	'388549927_/37698049'	10	10	10	1.288	10	10	3.49 No	1.288	Thermal Discharging
RLK064	71	'388549926_/37698042'	10	10	10	1.288	10	10	3.49 No	1.288	Thermal Discharging
RLK064	72	'388549944_/37698063'	10	10	10	1.288	4.7	10	3.49 No	1.288	Thermal Discharging
RLK064	73	'388549938_/37698056'	10	10	10	1.288	5.2	10	3.49 No	1.288	Thermal Discharging
RLK064	74	'43360401_/3652287'	10	10	10	1.288	2.8	10	3.49 No	1.288	Thermal Discharging
RLK064	75	'7585433_/7585451'	10	10	10	1.288	1.5	10	3.49 No	1.288	Thermal Discharging
RLK064	76	'7585259_/9475908'	10	10	10	1.288	4.8	10	3.49 No	1.288	Thermal Discharging
RLK064	77	'7585280_/544492277'	10	10	10	1.288	4.7	10	3.49 No	1.288	Thermal Discharging
RLK064	78	'8221432_/9166284'	10	10	10	1.288	2.3	10	3.49 No	1.288	Thermal Discharging
RLK064	79	'7586570_/7586567'	3.33	3.33	3.33	0.432	0.77	3.33	1.16 No	0.432	Thermal Discharging
RLK064	80	'7585394_/8221430'	10	10	10	1.288	2.3	10	3.49 No	1.288	Thermal Discharging
RLK064	81	'7269837_/7585257'	10	10	10	1.288	4.8	10	3.49 No	1.288	Thermal Discharging
RLK064	82	'7271110_/8219146'	8.9	10	10	1.288	2.3	10	3.49 No	1.288	Thermal Discharging
RLK064	83	'91102363_/91102262'	10	10	10	1.288	5.2	10	3.49 No	1.288	Thermal Discharging
RLK064	84	'7269175_/407373475'	10	10	10	1.288	10	10	3.49 No	1.288	Thermal Discharging
RLK064	85	'3643971_/3651793'	10	10	10	1.288	2.8	10	3.49 No	1.288	Thermal Discharging
RLK064	86	'40668685_/7794449'	1.8	3.33	3.33	0.432	0.5	3.33	1.16 No	0.432	Thermal Discharging
RLK064	87	'7271109_/7271107'	7.3	10	10	1.288	2.3	10	3.49 No	1.288	Thermal Discharging
RLK064	88	'66501857_/3651833_3'	10	10	10	1.288	2.8	10	3.49 No	1.288	Thermal Discharging
RLK064	89	'66501875_/3643968_2'	10	10	10	1.288	2.8	10	3.49 No	1.288	Thermal Discharging
RLK064	90	'9163384_/407373587'	10	10	10	1.288	10	10	3.49 No	1.288	Thermal Discharging
RLK064	91	'66501869_/3651833_2'	10	10	10	1.288	1.7	10	3.49 No	1.288	Thermal Discharging
RLK064	92	'91102503_/91102524'	10	10	10	1.288	5.2	10	3.49 No	1.288	Thermal Discharging
RLK064	93	'7269838_/7269835'	9.9	10	10	1.288	4.8	10	3.49 No	1.288	Thermal Discharging
RLK064	94	'3651815_/3651833_1'	10	10	10	1.288	1.7	10	3.49 No	1.288	Thermal Discharging
RLK064	95	'3643954_/3643968_1'	8.8	10	10	1.288	2.8	10	3.49 No	1.288	Thermal Discharging
RLK064	96	'9165793_/9165791'	8	10	10	1.288	5.2	10	3.49 No	1.288	Thermal Discharging
RLK064	97	'8847414_/9164245'	7.9	10	10	1.288	4.8	10	3.49 No	1.288	Thermal Discharging
RLK064	98	'91102317_/91102542'	10	10	10	1.288	5.2	10	3.49 No	1.288	Thermal Discharging
RLK064	99	'544492491_/544492409'	3.3	10	10	1.288	4.9	10	3.49 No	1.288	Thermal Discharging
RLK064	100	'7483922_/44100868'	1.5	3.33	3.33	0.432	0.5	3.33	1.16 No	0.432	Thermal Discharging
RLK064	101	'7271129_/7586623'	5.5	10	10	1.288	2.3	10	3.49 No	1.288	Thermal Discharging
RLK064	102	'7481644_/8847411'	6.9	10	10	1.288	4.8	10	3.49 No	1.288	Thermal Discharging
RLK064	103	'407373734_/407373612'	10	10	10	1.288	10	10	3.49 No	1.288	Thermal Discharging
RLK064	104	'7481645_/7481642'	6.9	10	10	1.288	4.8	10	3.49 No	1.288	Thermal Discharging
RLK064	105	'38851630_/7481764'	6.6	10	10	1.288	4.8	10	3.49 No	1.288	Thermal Discharging
RLK064	106	'3651816_/3651813'	6.9	10	10	1.288	1.7	10	3.49 No	1.288	Thermal Discharging
RLK064	107	'7481767_/44090647'	6.6	10	10	1.288	4.8	10	3.49 No	1.288	Thermal Discharging
RLK064	108	'3651856_/3651853'	2.3	3.33	3.33	0.432	0.57	3.33	1.16 No	0.432	Thermal Discharging
RLK064	109	'430474855_/430115717'	6.2	10	10	1.288	5.2	10	3.49 No	1.288	Thermal Discharging
RLK064	110	'430474838_/430474852'	6.2	10	10	1.288	5.2	10	3.49 No	1.288	Thermal Discharging
RLK064	111	'3643937_/3643951'	6.5	10	10	1.288	2.8	10	3.49 No	1.288	Thermal Discharging
RLK064	112	'9165813_/9165811'	5.9	10	10	1.288	5.2	10	3.49 No	1.288	Thermal Discharging
RLK064	113	'3651871_/3651922'	6.1	10	10	1.288	1.7	10	3.49 No	1.288	Thermal Discharging
RLK064	114	'121318691_/121318697'	4.5	10	10	1.288	4.8	10	3.49 No	1.288	Thermal Discharging
RLK064	115	'7271130_/7271127'	4.6	10	10	1.288	2.3	10	3.49 No	1.288	Thermal Discharging
RLK064	116	'121318761_/121318772'	5.5	10	10	1.288	4.8	10	3.49 No	1.288	Thermal Discharging
RLK064	117	'121318722_/121318790'	5.5	10	10	1.288	4.8	10	3.49 No	1.288	Thermal Discharging
RLK064	118	'7585219_/606989799'	4.6	10	10	1.288	2.3	10	3.49 No	1.288	Thermal Discharging
RLK064	119	'8531169_/611127522'	3.3	10	10	1.288	4.9	10	3.49 No	1.288	Thermal Discharging
RLK064	120	'3643920_/3643934'	5.6	10	10	1.288	2.8	10	3.49 No	1.288	Thermal Discharging
RLK064	121	'43360377_/3651869'	5.5	10	10	1.288	1.7	10	3.49 No	1.288	Thermal Discharging
RLK064	122	'49984352_/8529919_1'	4.4	10	10	1.288	2.3	10	3.49 No	1.288	Thermal Discharging
RLK064	123	'3651892_/43360379'	5.3	10	10	1.288	1.7	10	3.49 No	1.288	Thermal Discharging
RLK064	124	'3651941_/43360367'	3.53	6.67	6.67	0.856	1.13	6.67	2.33 No	0.856	Thermal Discharging
RLK064	125	'7585298_/544492300'	1.9	3.33	3.33	0.432	1.4	3.33	1.16 No	0.432	Thermal Discharging
RLK064	126	'8220853_/9445480'	4.9	10	10	1.288	5.2	10	3.49 No	1.288	Thermal Discharging
RLK064	127	'8220852_/8220850'	4.8	10	10	1.288	5.2	10	3.49 No	1.288	Thermal Discharging
RLK064	128	'344451107_/3651906'	1.7	3.33	3.33	0.432	0.57	3.33	1.16 No	0.432	Thermal Discharging
RLK064	129	'7585279_/544492315'	1.77	3.33	3.33	0.432	1.4	3.33	1.16 No	0.432	Thermal Discharging
RLK064	130	'3643903_/3643917'	4.9	10	10	1.288	2.8	10	3.49 No	1.288	Thermal Discharging
RLK064	131	'8530404_/8530402'	4.5	10	10	1.288	5.2	10	3.49 No	1.288	Thermal Discharging
RLK064	132	'37697989_/37697986'	4.5	10	10	1.288	5.2	10	3.49 No	1.288	Thermal Discharging
RLK064	133	'37697996_/37697993'	4.5	10	10	1.288	5.2	10	3.49 No	1.288	Thermal Discharging
RLK064	134	'37698031_/37698028'	4.5	10	10	1.288	5.2	10	3.49 No	1.288	Thermal Discharging
RLK064	135	'37698017_/37698021'	4.5	10	10	1.288	5.2	10	3.49 No	1.288	Thermal Discharging
RLK064	136	'8504431_/37698035'	4.5	10	10	1.288	5.2	10	3.49 No	1.288	Thermal Discharging
RLK064	137	'9475947_/37698014'	4.5	10	10	1.288	5.2	10	3.49 No	1.288	Thermal Discharging
RLK064	138	'7587911_/611127624'	3.3	10	10	1.288	4.9	10	3.49 No	1.288	Thermal Discharging
RLK064	139	'653011725_/653011729'	4.5	10	10	1.288	5.2	10	3.49 No	1.288	Thermal Discharging
RLK064	140	'7587163_/8504429'	4.4	10	10	1.288	5.2	10	3.49 No	1.288	Thermal Discharging
RLK064	141	'653011793_/653011790'	4.4	10	10	1.288	5.2	10	3.49 No	1.288	Thermal Discharging
RLK064	142	'653011858_/653011805_1'	2.4	8.5	10	1.288	4.8	10	3.49 No	1.288	Thermal Discharging
RLK064	143	'3643886_/3643900'	4.5	10	10	1.288	2.8	10	3.49 No	1.288	Thermal Discharging
RLK064	144	'7481787_/121318614'	4.3	10	10	1.288	4.8	10	3.49 No	1.288	Thermal Discharging
RLK064	145	'450993131_/446508603_1'	1.5	3.33	3.33	0.432	0.5	3.33	1.16 No	0.432	Thermal Discharging
RLK064	146	'7269857_/7269855'	4.7	10	10	1.288	5.2	10	3.49 No	1.288	Thermal Discharging
RLK064	147	'3643818_/3643883'	4.5	10	10	1.288	2.8	10	3.49 No	1.288	Thermal Discharging
RLK064	148	'8528943_/8528941'	4.5	10	10	1.288	5.2	10	3.49 No	1.288	Thermal Discharging
RLK064	149	'7585240_/9475888'	4.5	10	10	1.288	5.2	10	3.49 No	1.288	Thermal Discharging
RLK064	150	'7585239_/7585237'	4.4	10	10	1.288	5.2	10	3.49 No	1.288	Thermal Discharging
RLK064	151	'8847473_/9164285'	3.7	10	10	1.288	4.8	10	3.49 No	1.288	Thermal Discharging
RLK064	152	'7903959_/7903957'	4	10	10	1.288	5.2	10	3.49 No	1.288	Thermal Discharging
RLK064	153	'8504492_/8847471'	3.6	10	10	1.288	4.8	10	3.49 No	1.288	Thermal Discharging
RLK064	154	'7269878_/611127641'	3.4	10	10	1.288	4.9	10	3.49 No	1.288	Thermal Discharging
RLK064	155	'3643817_/3643815'	3.8	10	10	1.288	2.8	10	3.49 No	1.288	Thermal Discharging
RLK064	156	'7483923_/7483920'	0.87	3.33	3.33	0.432	0.5	3.33	1.16 No	0.432	Thermal Discharging
RLK064	157	'430474967_/430474971'	3.9	10	10	1.288	5.2	10	3.49 No	1.288	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RLK064	158	'8504491_/_8504489'		3.5	10	10	1.288	4.8	10	3.49 No	1.288 Thermal Discharging
RLK064	159	'430474863_/_430115681'		3.9	10	10	1.288	5.2	10	3.49 No	1.288 Thermal Discharging
RLK064	160	'430474839_/_430474836'		3.7	10	10	1.288	5.2	10	3.49 No	1.288 Thermal Discharging
RLK064	161	'430474847_/_430474844'		3.9	10	10	1.288	5.2	10	3.49 No	1.288 Thermal Discharging
RLK064	162	'430474923_/_430115653'		3.6	10	10	1.288	5.2	10	3.49 No	1.288 Thermal Discharging
RLK064	163	'7585313_/_9164205'		3.6	10	10	1.288	5.2	10	3.49 No	1.288 Thermal Discharging
RLK064	164	'8219189_/_8219186'		3.4	10	10	1.288	5.2	10	3.49 No	1.288 Thermal Discharging
RLK064	165	'154542990_/_154542996'		3.4	10	10	1.288	5.2	10	3.49 No	1.288 Thermal Discharging
RLK064	166	'8530096_/_8530094'		3.2	10	10	1.288	4.8	10	3.49 No	1.288 Thermal Discharging
RLK064	167	'154542952_/_154543026'		3.3	10	10	1.288	5.2	10	3.49 No	1.288 Thermal Discharging
RLK064	168	'8529866_/_611127692'		3.3	10	10	1.288	4.9	10	3.49 No	1.288 Thermal Discharging
RLK064	169	'8847334_/_154542970'		3.3	10	10	1.288	5.2	10	3.49 No	1.288 Thermal Discharging
RLK064	170	'7586802_/_8849135'		3.1	10	10	1.288	4.8	10	3.49 No	1.288 Thermal Discharging
RLK064	171	'430115781_/_430115778'		3.2	10	10	1.288	4.9	10	3.49 No	1.288 Thermal Discharging
RLK064	172	'430115764_/_430115762'		3.2	10	10	1.288	4.9	10	3.49 No	1.288 Thermal Discharging
RLK064	173	'430115765_/_430115947'		3.2	10	10	1.288	4.9	10	3.49 No	1.288 Thermal Discharging
RLK064	174	'430115849_/_8847431'		3.2	10	10	1.288	4.9	10	3.49 No	1.288 Thermal Discharging
RLK064	175	'430115789_/_430115786'		3.2	10	10	1.288	4.9	10	3.49 No	1.288 Thermal Discharging
RLK064	176	'430115773_/_430115770'		3.2	10	10	1.288	4.9	10	3.49 No	1.288 Thermal Discharging
RLK064	177	'8847433_/_9475980'		3.2	10	10	1.288	5.2	10	3.49 No	1.288 Thermal Discharging
RLK064	178	'7586801_/_7586799'		3	10	10	1.288	4.8	10	3.49 No	1.288 Thermal Discharging
RLK064	179	'7587164_/_7587161'		1	3.33	3.33	0.432	1.7	3.33	1.16 No	0.432 Thermal Discharging
RLK064	180	'3652240_/_3652254'		3.1	10	10	1.288	2.8	10	3.49 No	1.288 Thermal Discharging
RLK064	181	'7904038_/_8504529_2'		3	10	10	1.288	2.8	10	3.49 No	1.288 Thermal Discharging
RLK064	182	'7585373_/_9165545'		2.9	10	10	1.288	4.8	10	3.49 No	1.288 Thermal Discharging
RLK064	183	'9476002_/_68588092'		2.7	10	10	1.288	4.8	10	3.49 No	1.288 Thermal Discharging
RLK064	184	'466642230_/_466642270'		2.9	10	10	1.288	4.9	10	3.49 No	1.288 Thermal Discharging
RLK064	185	'444587569_/_446508603_2'		0.93	3.33	3.33	0.432	0.5	3.33	1.16 No	0.432 Thermal Discharging
RLK064	186	'8504532_/_8504529_1'		2.8	9.5	10	1.288	1.7	10	3.49 No	1.288 Thermal Discharging
RLK064	187	'636474258_/_9476000'		2.5	10	10	1.288	4.8	10	3.49 No	1.288 Thermal Discharging
RLK064	188	'43360326_/_43360328'		2.7	9.1	10	1.288	2.8	10	3.49 No	1.288 Thermal Discharging
RLK064	189	'466642330_/_466642362'		2.7	10	10	1.288	4.9	10	3.49 No	1.288 Thermal Discharging
RLK064	190	'7269918_/_9164345'		2.7	9.1	10	1.288	1.7	10	3.49 No	1.288 Thermal Discharging
RLK064	191	'74243681_/_7269915'		2.7	9	10	1.288	1.7	10	3.49 No	1.288 Thermal Discharging
RLK064	192	'446508078_/_446508075'		0.87	3.13	3.33	0.432	0.5	3.33	1.16 No	0.432 Thermal Discharging
RLK064	193	'653011706_/_636474262'		2.4	9.4	10	1.288	4.8	10	3.49 No	1.288 Thermal Discharging
RLK064	194	'74243640_/_74243789'		2.6	8.6	10	1.288	1.7	10	3.49 No	1.288 Thermal Discharging
RLK064	195	'450931478_/_450931497'		0.83	3.03	3.33	0.432	0.5	3.33	1.16 No	0.432 Thermal Discharging
RLK064	196	'466642298_/_466642346'		2.5	9.4	10	1.288	4.9	10	3.49 No	1.288 Thermal Discharging
RLK064	197	'430116026_/_430589213'		2.5	9.1	10	1.288	4.9	10	3.49 No	1.288 Thermal Discharging
RLK064	198	'430116009_/_430116023'		2.5	9.1	10	1.288	4.9	10	3.49 No	1.288 Thermal Discharging
RLK064	199	'3643781_/_3643795'		2.3	7.8	10	1.288	2.8	10	3.49 No	1.288 Thermal Discharging
RLK064	200	'8504511_/_74243645'		2.4	8	10	1.288	1.7	10	3.49 No	1.288 Thermal Discharging
RLK064	201	'3643780_/_3643778'		2	6.8	10	1.288	2.8	10	3.49 No	1.288 Thermal Discharging
RLK064	202	'450931826_/_450931845'		0.7	2.43	3.33	0.432	0.5	3.33	1.16 No	0.432 Thermal Discharging
RLK064	203	'73090264_/_73090222'		2.1	6.8	10	1.288	1.7	10	3.49 No	1.288 Thermal Discharging
RLK064	204	'73090219_/_73090261'		2.1	6.8	10	1.288	1.7	10	3.49 No	1.288 Thermal Discharging
RLK064	205	'73090288_/_73090285'		2.1	6.8	10	1.288	1.7	10	3.49 No	1.288 Thermal Discharging
RLK064	206	'73090252_/_73090249'		2.1	6.8	10	1.288	1.7	10	3.49 No	1.288 Thermal Discharging
RLK064	207	'73090275_/_73090279'		2.1	6.8	10	1.288	1.7	10	3.49 No	1.288 Thermal Discharging
RLK064	208	'3645849_/_3652693'		1.9	6.2	10	1.288	2.8	10	3.49 No	1.288 Thermal Discharging
RLK064	209	'73090003_/_73090316'		0.67	2.13	3.33	0.432	0.57	3.33	1.16 No	0.432 Thermal Discharging
RLK064	210	'450931556_/_450931863'		0.6	2.1	3.33	0.432	0.5	3.33	1.16 No	0.432 Thermal Discharging
RLK064	211	'3645848_/_3645846'		1.6	5.5	10	1.288	2.8	10	3.49 No	1.288 Thermal Discharging
RLK064	212	'8847318_/_575534563_1'		0.53	1.83	3.33	0.432	0.5	3.33	1.16 No	0.432 Thermal Discharging
RLK064	213	'73089979_/_73090010'		0.6	1.87	3.33	0.432	0.57	3.33	1.16 No	0.432 Thermal Discharging
RLK064	214	'73090343_/_73089986_1'		0.4	1.23	3.33	0.432	0.3	3.33	1.16 No	0.3 Element Fault
RLK064	215	'450931595_/_450931614'		0.53	1.83	3.33	0.432	0.5	3.33	1.16 No	0.432 Thermal Discharging
RLK064	216	'471711972_/_575534563_2'		0.5	1.7	3.33	0.432	0.5	3.33	1.16 No	0.432 Thermal Discharging
RLK064	217	'43360291_/_43360293'		1.5	5	10	1.288	2.8	10	3.49 No	1.288 Thermal Discharging
RLK064	218	'9475875_/_575534572'		0.5	1.63	3.33	0.432	0.5	3.33	1.16 No	0.432 Thermal Discharging
RLK064	219	'3643767_/_3645829'		1.4	4.7	10	1.288	2.8	10	3.49 No	1.288 Thermal Discharging
RLK064	220	'3643768_/_3652274_1'		0.47	1.57	3.33	0.432	0.5	3.33	1.16 No	0.432 Thermal Discharging
RLK064	221	'3652277_/_3652274_2'		0.47	1.5	3.33	0.432	0.5	3.33	1.16 No	0.432 Thermal Discharging
RLK064	222	'3667698_/_3667695'		0.47	1.47	3.33	0.432	0.5	3.33	1.16 No	0.432 Thermal Discharging
RLK064	223	'3643699_/_3645812'		1.3	4.3	10	1.288	2.8	10	3.49 No	1.288 Thermal Discharging
RLK064	224	'74613380_/_73089910_1'		0.47	1.47	3.33	0.432	0.3	3.33	1.16 No	0.3 Element Fault
RLK064	225	'66501927_/_3643697_1'		0.43	1.43	3.33	0.432	0.5	3.33	1.16 No	0.43 Primary Over-Voltage
RLK064	226	'3643700_/_3643697_2'		0.43	1.4	3.33	0.432	0.5	3.33	1.16 No	0.43 Primary Over-Voltage
RLK064	227	'3645781_/_3645795'		1.2	4.1	10	1.288	2.8	10	3.49 No	1.2 Primary Over-Voltage
RLK064	228	'3643716_/_3643713'		0.43	1.37	3.33	0.432	0.5	3.33	1.16 No	0.43 Primary Over-Voltage
RLK064	229	'73089903_/_73089910_2'		0.43	1.37	3.33	0.432	0.3	3.33	1.16 No	0.3 Element Fault
RLK064	230	'73089931_/_73089938'		0.4	1.3	3.33	0.432	0.3	3.33	1.16 No	0.3 Element Fault
RLK064	231	'43360280_/_3643726'		0.4	1.3	3.33	0.432	0.5	3.33	1.16 No	0.4 Primary Over-Voltage
RLK064	232	'3645764_/_3645778'		1.1	3.8	10	1.288	2.8	10	3.49 No	1.1 Primary Over-Voltage
RLK064	233	'3645960_/_3645970_1'		0.37	1.27	3.33	0.432	0.5	3.33	1.16 No	0.37 Primary Over-Voltage
RLK064	234	'3645973_/_3645970_2'		0.37	1.23	3.33	0.432	0.5	3.33	1.16 No	0.37 Primary Over-Voltage
RLK064	235	'73089955_/_73089962'		0.4	1.27	3.33	0.432	0.3	3.31	1.16 No	0.3 Element Fault
RLK064	236	'3643742_/_43360282'		0.4	1.23	3.33	0.432	0.5	3.28	1.16 No	0.4 Primary Over-Voltage
RLK064	237	'3645747_/_3645761'		1.1	3.6	10	1.288	2.8	9.83	3.49 No	1.1 Primary Over-Voltage
RLK064	238	'3645989_/_3645986'		0.37	1.2	3.33	0.432	0.5	3.27	1.16 No	0.37 Primary Over-Voltage
RLK064	239	'66501997_/_3645941_1'		0.37	1.2	3.33	0.432	0.5	3.26	1.16 No	0.37 Primary Over-Voltage
RLK064	240	'3645730_/_3645744'		1	3.5	10	1.288	2.8	9.52	3.49 No	1 Primary Over-Voltage
RLK064	241	'3645944_/_3645941_2'		0.33	1.17	3.33	0.432	0.5	3.16	1.16 No	0.33 Primary Over-Voltage
RLK064	242	'3643755_/_3643752'		0.37	1.17	3.33	0.432	0.5	3.16	1.16 No	0.37 Primary Over-Voltage
RLK064	243	'66501947_/_3645912_1'		0.33	1.17	3.33	0.432	0.5	3.16	1.16 No	0.33 Primary Over-Voltage
RLK064	244	'43360304_/_3645999'		0.33	1.17	3.33	0.432	0.5	3.14	1.16 No	0.33 Primary Over-Voltage
RLK064	245	'3645915_/_3645912_2'		0.33	1.13	3.33	0.432	0.5	3.14	1.16 No	0.33 Primary Over-Voltage
RLK064	246	'3645931_/_3645928'		0.33	1.13	3.33	0.432	0.5	3.08	1.16 No	0.33 Primary Over-Voltage
RLK064	247	'3646015_/_3646012'		0.33	1.13	3.33	0.432	0.5	3.06	1.16 No	0.33 Primary Over-Voltage
RLK064	248	'3632920_/_3645727'		1	3.3	10	1.288	2.8	9.13	3.49 No	1 Primary Over-Voltage
RLK064	249	'3652367_/_3652364'		0.33	1.1	3.33	0.432	0.5	3.04	1.16 No	0.33 Primary Over-Voltage
RLK064	250	'3646028_/_3646025'		0.33	1.1	3.33	0.432	0.5	2.97	1.16 No	0.33 Primary Over-Voltage
RLK064	251	'3632919_/_3632917'		0.9	3.2	10	1.288	2.8	8.83	3.49 No	0.9 Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RLK064	252	'3632937_/3645896_1'	0.3	1.07	3.33	0.432	0.5	2.94	1.16 No	0.3	Primary Over-Voltage
RLK064	253	'3645885_/3645896_2'	0.3	1.07	3.33	0.432	0.5	2.92	1.16 No	0.3	Primary Over-Voltage
RLK064	254	'3645886_/3645883'	0.3	1.03	3.33	0.432	0.5	2.88	1.16 No	0.3	Primary Over-Voltage
RLK064	255	'43356248_/43356250'	0.9	3	10	1.288	2.8	8.48	3.49 No	0.9	Primary Over-Voltage
RLK064	256	'3632897_/3632987'	0.9	2.9	10	1.288	2.8	8.18	3.49 No	0.9	Primary Over-Voltage
RLK064	257	'560254872_/560254876'	0.8	2.8	10	1.288	2.8	7.97	3.49 No	0.8	Primary Over-Voltage
RLK064	258	'3632896_/3632894'	0.8	2.8	10	1.288	2.8	7.93	3.49 No	0.8	Primary Over-Voltage
RLK064	259	'66501957_/3632947_1'	0.27	0.93	3.33	0.432	0.3	2.64	1.16 No	0.27	Primary Over-Voltage
RLK064	260	'3632950_/3632947_2'	0.27	0.93	3.33	0.432	0.3	2.61	1.16 No	0.27	Primary Over-Voltage
RLK064	261	'43360427_/3652030'	0.27	0.9	3.33	0.432	0.3	2.57	1.16 No	0.27	Primary Over-Voltage
RLK065	0	'RLK065_/8529285_1'	10	10	10	1.408	10	10	2.58 No	1.408	Thermal Discharging
RLK065	1	'8529288_/8529285_1'	10	10	10	1.408	10	10	2.58 No	1.408	Thermal Discharging
RLK065	2	'3645242_/8529285_2'	10	10	10	1.408	10	10	2.58 No	1.408	Thermal Discharging
RLK065	3	'3645222_/3645239'	10	10	10	1.408	10	10	2.58 No	1.408	Thermal Discharging
RLK065	4	'8219061_/9477520_1'	3.33	3.33	3.33	0.472	0.5	3.33	0.86 No	0.472	Thermal Discharging
RLK065	5	'43360195_/43360197'	10	10	10	1.408	10	10	2.58 No	1.408	Thermal Discharging
RLK065	6	'62993028_/62992997'	10	10	10	1.408	10	10	2.58 No	1.408	Thermal Discharging
RLK065	7	'43360184_/3651713'	3.33	3.33	3.33	0.472	1.5	3.33	0.86 No	0.472	Thermal Discharging
RLK065	8	'615130741_/3645543_1'	3.33	3.33	3.33	0.472	0.5	3.33	0.86 No	0.472	Thermal Discharging
RLK065	9	'3645545_/3645543_2'	3.33	3.33	3.33	0.472	0.5	3.33	0.86 No	0.472	Thermal Discharging
RLK065	10	'3645168_/3645202'	10	10	10	1.408	10	10	2.58 No	1.408	Thermal Discharging
RLK065	11	'3645167_/3645165'	10	10	10	1.408	10	10	2.58 No	1.408	Thermal Discharging
RLK065	12	'455524935_/9477520_2'	3.33	3.33	3.33	0.472	0.5	3.33	0.86 No	0.472	Thermal Discharging
RLK065	13	'43360171_/3645503'	10	10	10	1.408	10	10	2.58 No	1.408	Thermal Discharging
RLK065	14	'3645485_/3645483'	10	10	10	1.408	10	10	2.58 No	1.408	Thermal Discharging
RLK065	15	'43360232_/3645543_3'	3.33	3.33	3.33	0.472	0.5	3.33	0.86 No	0.472	Thermal Discharging
RLK065	16	'605706522_/605706526'	10	10	10	1.408	10	10	2.58 No	1.408	Thermal Discharging
RLK065	17	'3652712_/3652787'	10	10	10	1.408	10	10	2.58 No	1.408	Thermal Discharging
RLK065	18	'446144392_/3652735_1'	3.33	3.33	3.33	0.472	0.5	3.33	0.86 No	0.472	Thermal Discharging
RLK065	19	'3645469_/3652764'	10	10	10	1.408	10	10	2.58 No	1.408	Thermal Discharging
RLK065	20	'3645452_/3645466'	10	10	10	1.408	10	10	2.58 No	1.408	Thermal Discharging
RLK065	21	'118772539_/3645449'	10	10	10	1.408	10	10	2.58 No	1.408	Thermal Discharging
RLK065	22	'3645387_/3652735_2'	3.33	3.33	3.33	0.472	0.5	3.33	0.86 No	0.472	Thermal Discharging
RLK065	23	'3645559_/3645556'	3.33	3.33	3.33	0.472	0.5	3.33	0.86 No	0.472	Thermal Discharging
RLK065	24	'3666370_/3666384'	10	10	10	1.408	10	10	2.58 No	1.408	Thermal Discharging
RLK065	25	'542499093_/542499027_1'	3.33	3.33	3.33	0.472	0.4	3.33	0.86 No	0.4	Element Fault
RLK065	26	'3645348_/3666367'	10	10	10	1.408	10	10	2.58 No	1.408	Thermal Discharging
RLK065	27	'3645349_/3645359_1'	3.33	3.33	3.33	0.472	0.5	3.33	0.86 No	0.472	Thermal Discharging
RLK065	28	'3666353_/3666351_1'	3.33	3.33	3.33	0.472	0.5	3.33	0.86 No	0.472	Thermal Discharging
RLK065	29	'3645418_/3645432'	10	10	10	1.408	10	10	2.58 No	1.408	Thermal Discharging
RLK065	30	'3645362_/3645359_2'	3.33	3.33	3.33	0.472	0.5	3.33	0.86 No	0.472	Thermal Discharging
RLK065	31	'7585128_/9164189_1'	3.33	3.33	3.33	0.472	0.5	3.33	0.86 No	0.472	Thermal Discharging
RLK065	32	'3645306_/3645415'	10	10	10	1.408	10	10	2.58 No	1.408	Thermal Discharging
RLK065	33	'3645264_/3645398'	10	10	10	1.408	10	10	2.58 No	1.408	Thermal Discharging
RLK065	34	'3645307_/3645317_1'	3.33	3.33	3.33	0.472	0.5	3.33	0.86 No	0.472	Thermal Discharging
RLK065	35	'3645265_/3645278_1'	3.33	3.33	3.33	0.472	0.5	3.33	0.86 No	0.472	Thermal Discharging
RLK065	36	'43360219_/43360221'	10	10	10	1.408	10	10	2.58 No	1.408	Thermal Discharging
RLK065	37	'3645522_/9475778_3'	10	10	10	1.408	10	10	2.58 No	1.408	Thermal Discharging
RLK065	38	'63843459_/63843437'	3.33	3.33	3.33	0.472	1.5	3.33	0.86 No	0.472	Thermal Discharging
RLK065	39	'43360208_/3645711'	3.33	3.33	3.33	0.472	0.5	3.33	0.86 No	0.472	Thermal Discharging
RLK065	40	'3666354_/3666351_2'	3.33	3.33	3.33	0.472	0.5	3.33	0.86 No	0.472	Thermal Discharging
RLK065	41	'3645388_/3645385'	3.33	3.33	3.33	0.472	0.5	3.33	0.86 No	0.472	Thermal Discharging
RLK065	42	'3645320_/3645317_2'	3.33	3.33	3.33	0.472	0.5	3.33	0.86 No	0.472	Thermal Discharging
RLK065	43	'9477523_/455524958'	3.33	3.33	3.33	0.472	0.5	3.33	0.86 No	0.472	Thermal Discharging
RLK065	44	'75957459_/9475778_2'	10	10	10	1.408	10	10	2.58 No	1.408	Thermal Discharging
RLK065	45	'3645589_/9475778_1'	10	10	10	1.408	10	10	2.58 No	1.408	Thermal Discharging
RLK065	46	'542498993_/542499027_2'	3.33	3.33	3.33	0.472	0.4	3.33	0.86 No	0.4	Element Fault
RLK065	47	'43360243_/43360245'	10	10	10	1.408	10	10	2.58 No	1.408	Thermal Discharging
RLK065	48	'43360138_/3645372'	3.33	3.33	3.33	0.472	0.5	3.33	0.86 No	0.472	Thermal Discharging
RLK065	49	'3645571_/3645569'	10	10	10	1.408	10	10	2.58 No	1.408	Thermal Discharging
RLK065	50	'446144299_/542499009'	3.33	3.33	3.33	0.472	0.4	3.33	0.86 No	0.4	Element Fault
RLK065	51	'3645281_/3645278_2'	3.33	3.33	3.33	0.472	0.5	3.33	0.86 No	0.472	Thermal Discharging
RLK065	52	'3652626_/3652673'	10	10	10	1.408	10	10	2.58 No	1.408	Thermal Discharging
RLK065	53	'3652613_/3652610_2'	3.33	3.33	3.33	0.472	1.5	3.33	0.86 No	0.472	Thermal Discharging
RLK065	54	'3645714_/43360210'	3.33	3.33	3.33	0.472	0.5	3.33	0.86 No	0.472	Thermal Discharging
RLK065	55	'3652593_/3652639'	10	10	10	1.408	10	10	2.58 No	1.408	Thermal Discharging
RLK065	56	'60790241_/3652590'	10	10	10	1.408	10	10	2.58 No	1.408	Thermal Discharging
RLK065	57	'43361830_/3666414'	3.33	3.33	3.33	0.472	0.5	3.33	0.86 No	0.472	Thermal Discharging
RLK065	58	'3652488_/3652536'	10	10	10	1.408	10	10	2.58 No	1.408	Thermal Discharging
RLK065	59	'43360127_/3645333'	3.33	3.33	3.33	0.472	0.5	3.33	0.86 No	0.472	Thermal Discharging
RLK065	60	'3652471_/3652485'	10	10	10	1.408	10	10	2.58 No	1.408	Thermal Discharging
RLK065	61	'3652435_/3652610_1'	3.33	3.33	3.33	0.472	0.5	3.33	0.86 No	0.472	Thermal Discharging
RLK065	62	'446144359_/3651726'	3.33	3.33	3.33	0.472	0.5	3.33	0.86 No	0.472	Thermal Discharging
RLK065	63	'3652470_/3652468'	10	10	10	1.408	10	10	2.58 No	1.408	Thermal Discharging
RLK065	64	'3645294_/3645291'	3.33	3.33	3.33	0.472	0.5	3.33	0.86 No	0.472	Thermal Discharging
RLK065	65	'648371638_/648371596_2'	3.33	3.33	3.33	0.472	0.5	3.33	0.86 No	0.472	Thermal Discharging
RLK065	66	'3651779_/3652570'	10	10	10	1.408	10	10	2.58 No	1.408	Thermal Discharging
RLK065	67	'3652422_/3652432'	3.33	3.33	3.33	0.472	0.5	3.33	0.86 No	0.472	Thermal Discharging
RLK065	68	'53490380_/53490358_2'	3.33	3.33	3.33	0.472	1.5	3.33	0.86 No	0.472	Thermal Discharging
RLK065	69	'7903924_/446144319'	3.33	3.33	3.33	0.472	0.4	3.33	0.86 No	0.4	Element Fault
RLK065	70	'3651762_/3651776'	10	10	10	1.408	10	10	2.58 No	1.408	Thermal Discharging
RLK065	71	'53490360_/53490358_1'	3.33	3.33	3.33	0.472	0.5	3.33	0.86 No	0.472	Thermal Discharging
RLK065	72	'3651703_/3651700'	3.33	3.33	3.33	0.472	0.5	3.33	0.86 No	0.472	Thermal Discharging
RLK065	73	'43360114_/43360116'	10	10	10	1.408	10	10	2.58 No	1.408	Thermal Discharging
RLK065	74	'9164192_/9164189_2'	3.33	3.33	3.33	0.472	0.5	3.33	0.86 No	0.472	Thermal Discharging
RLK065	75	'3640428_/3651742'	10	10	10	1.408	10	10	2.58 No	1.408	Thermal Discharging
RLK065	76	'3640427_/3640425'	10	10	10	1.408	10	10	2.58 No	1.408	Thermal Discharging
RLK065	77	'8219092_/9477536'	3.33	3.33	3.33	0.472	0.5	3.33	0.86 No	0.472	Thermal Discharging
RLK065	78	'3645336_/43360129'	3.33	3.33	3.33	0.472	0.5	3.33	0.86 No	0.472	Thermal Discharging
RLK065	79	'3652825_/3652853'	10	10	10	1.408	10	10	2.58 No	1.408	Thermal Discharging
RLK065	80	'3666417_/43361832'	3.33	3.33	3.33	0.472	0.5	3.33	0.86 No	0.472	Thermal Discharging
RLK065	81	'3652826_/3652823'	3.33	3.33	3.33	0.472	0.5	3.33	0.86 No	0.472	Thermal Discharging
RLK065	82	'3652421_/3652419'	3.33	3.33	3.33	0.472	0.5	3.33	0.86 No	0.472	Thermal Discharging
RLK065	83	'3645697_/3652836'	10	10	10	1.408	10	10	2.58 No	1.408	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RLK065		84 '3645680_/_3645694'		10	10	10	1.408	10	10	2.58 No	1.408 Thermal Discharging
RLK065		85 '8528908_/_648371596_1'		3.33	3.33	3.33	0.472	0.3	3.33	0.86 No	0.3 Element Fault
RLK065		86 '43360503_/_43360505'		3.33	3.33	3.33	0.472	0.5	3.33	0.86 No	0.472 Thermal Discharging
RLK065		87 '43360256_/_43360258'		10	10	10	1.408	10	10	2.58 No	1.408 Thermal Discharging
RLK065		88 '3645643_/_3645660'		10	10	10	1.408	10	10	2.58 No	1.408 Thermal Discharging
RLK065		89 '8219109_/_9475798_1'		10	10	10	1.408	2.2	10	2.58 No	1.408 Thermal Discharging
RLK065		90 '3645626_/_3645640'		10	10	10	1.408	10	10	2.58 No	1.408 Thermal Discharging
RLK065		91 '53490393_/_53490400'		3.33	3.33	3.33	0.472	0.5	3.33	0.86 No	0.472 Thermal Discharging
RLK065		92 '9475801_/_9475798_2'		10	10	10	1.408	2.2	10	2.58 No	1.408 Thermal Discharging
RLK065		93 '3652889_/_3652887'		3.33	3.33	3.33	0.472	0.5	3.33	0.86 No	0.472 Thermal Discharging
RLK065		94 '3645609_/_3645623'		10	10	10	1.408	10	10	2.58 No	1.408 Thermal Discharging
RLK065		95 '7585144_/_8528921_1'		10	10	10	1.408	1.5	10	2.58 No	1.408 Thermal Discharging
RLK065		96 '3645608_/_633302350_2'		10	10	10	1.408	10	10	2.58 No	1.408 Thermal Discharging
RLK065		97 '633302346_/_633302350_1'		10	10	10	1.408	10	10	2.58 No	1.408 Thermal Discharging
RLK065		98 '3657070_/_3657088'		10	10	10	1.408	10	10	2.58 No	1.408 Thermal Discharging
RLK065		99 '62992982_/_3657068_1'		10	10	10	1.408	1.5	10	2.58 No	1.408 Thermal Discharging
RLK065		100 '3656769_/_3657105'		10	10	10	1.408	10	10	2.58 No	1.408 Thermal Discharging
RLK065		101 '3652812_/_3652900'		3.33	3.33	3.33	0.472	0.5	3.33	0.86 No	0.472 Thermal Discharging
RLK065		102 '3656748_/_3656766'		10	10	10	1.408	10	10	2.58 No	1.408 Thermal Discharging
RLK065		103 '43360649_/_43360651'		10	10	10	1.408	10	10	2.58 No	1.408 Thermal Discharging
RLK065		104 '43356043_/_3656746'		10	10	10	1.408	10	10	2.58 No	1.408 Thermal Discharging
RLK065		105 '3657050_/_3657068_2'		10	10	10	1.408	1.5	10	2.58 No	1.408 Thermal Discharging
RLK065		106 '8529044_/_9476300_1'		10	10	10	1.408	0.9	10	2.58 No	0.9 Element Fault
RLK065		107 '3655947_/_3655945_1'		10	10	10	1.408	10	10	2.58 No	1.408 Thermal Discharging
RLK065		108 '3657051_/_3657048'		10	10	10	1.408	1.5	10	2.58 No	1.408 Thermal Discharging
RLK065		109 '3655948_/_3655945_2'		10	10	10	1.408	10	10	2.58 No	1.408 Thermal Discharging
RLK065		110 '7585179_/_8847295'		10	10	10	1.408	2.2	10	2.58 No	1.408 Thermal Discharging
RLK065		111 '3655964_/_3656300'		10	10	10	1.408	10	10	2.58 No	1.408 Thermal Discharging
RLK065		112 '7585572_/_9476240_2'		10	10	10	1.408	5.3	10	2.58 No	1.408 Thermal Discharging
RLK065		113 '3657142_/_3657139'		10	10	10	1.408	1.5	10	2.58 No	1.408 Thermal Discharging
RLK065		114 '3655965_/_3655962'		10	10	10	1.408	10	10	2.58 No	1.408 Thermal Discharging
RLK065		115 '9476182_/_9476240_1'		10	10	10	1.408	1.5	10	2.58 No	1.408 Thermal Discharging
RLK065		116 '3632426_/_3652810'		3.33	3.33	3.33	0.472	0.5	3.33	0.86 No	0.472 Thermal Discharging
RLK065		117 '3655985_/_3655982'		10	10	10	1.408	10	10	2.58 No	1.408 Thermal Discharging
RLK065		118 '8528924_/_8528921_2'		10	10	10	1.408	1.5	10	2.58 No	1.408 Thermal Discharging
RLK065		119 '3656002_/_3655999'		10	10	10	1.408	10	10	2.58 No	1.408 Thermal Discharging
RLK065		120 '38458221_/_7585177'		10	10	10	1.408	2.2	10	2.58 No	1.408 Thermal Discharging
RLK065		121 '3656022_/_3656019'		10	10	10	1.408	10	10	2.58 No	1.408 Thermal Discharging
RLK065		122 '7270195_/_9476300_2'		10	10	10	1.408	0.9	10	2.58 No	0.9 Element Fault
RLK065		123 '7904327_/_9476180'		10	10	10	1.408	1.5	10	2.58 No	1.408 Thermal Discharging
RLK065		124 '3656042_/_3656039'		10	10	10	1.408	10	10	2.58 No	1.408 Thermal Discharging
RLK065		125 '3657300_/_3657345'		10	10	10	1.408	1.5	10	2.58 No	1.408 Thermal Discharging
RLK065		126 '3656059_/_3656056'		10	10	10	1.408	10	10	2.58 No	1.408 Thermal Discharging
RLK065		127 '115435458_/_3657315_2'		3.33	3.33	3.33	0.472	0.5	3.33	0.86 No	0.472 Thermal Discharging
RLK065		128 '118575676_/_3656073'		10	10	10	1.408	10	10	2.58 No	1.408 Thermal Discharging
RLK065		129 '118575806_/_118575761_2'		10	10	10	1.408	5.3	10	2.58 No	1.408 Thermal Discharging
RLK065		130 '7904328_/_7904325'		10	10	10	1.408	1.5	10	2.58 No	1.408 Thermal Discharging
RLK065		131 '3656093_/_3656090'		10	10	10	1.408	10	10	2.58 No	1.408 Thermal Discharging
RLK065		132 '118575750_/_118575761_1'		10	10	10	1.408	1.5	10	2.58 No	1.408 Thermal Discharging
RLK065		133 '43355955_/_3632424'		3.33	3.33	3.33	0.472	0.5	3.33	0.86 No	0.472 Thermal Discharging
RLK065		134 '8219128_/_8219126'		10	10	10	1.408	2.2	10	2.58 No	1.408 Thermal Discharging
RLK065		135 '3656110_/_3656107'		10	10	10	1.408	10	10	2.58 No	1.408 Thermal Discharging
RLK065		136 '7270196_/_7270193'		10	10	10	1.408	0.9	10	2.58 No	0.9 Element Fault
RLK065		137 '3655894_/_3656124'		10	10	10	1.408	10	10	2.58 No	1.408 Thermal Discharging
RLK065		138 '3657301_/_3657298'		10	10	10	1.408	1.5	10	2.58 No	1.408 Thermal Discharging
RLK065		139 '7585164_/_9475818'		3.33	3.33	3.33	0.472	0.73	3.33	0.86 No	0.472 Thermal Discharging
RLK065		140 '7585163_/_7585161'		3.33	3.33	3.33	0.472	0.73	3.33	0.86 No	0.472 Thermal Discharging
RLK065		141 '3655877_/_3655891'		10	10	10	1.408	10	10	2.58 No	1.408 Thermal Discharging
RLK065		142 '8847754_/_8847751_2'		10	10	10	1.408	4.3	10	2.58 No	1.408 Thermal Discharging
RLK065		143 '3657206_/_3657315_1'		3.33	3.33	3.33	0.472	0.1	3.33	0.86 No	0.1 Element Fault
RLK065		144 '8219076_/_8219090'		2.17	3.33	3.33	0.472	0.5	3.33	0.86 No	0.472 Thermal Discharging
RLK065		145 '3655860_/_3655874'		10	10	10	1.408	10	10	2.58 No	1.408 Thermal Discharging
RLK065		146 '3655843_/_3655857'		10	10	10	1.408	10	10	2.58 No	1.408 Thermal Discharging
RLK065		147 '8847870_/_8847867'		10	10	10	1.408	0.9	10	2.58 No	0.9 Element Fault
RLK065		148 '3655826_/_3655840'		10	10	10	1.408	10	10	2.58 No	1.408 Thermal Discharging
RLK065		149 '3665730_/_3665757'		10	10	10	1.408	1.5	10	2.58 No	1.408 Thermal Discharging
RLK065		150 '3655825_/_3655823'		10	10	10	1.408	10	10	2.58 No	1.408 Thermal Discharging
RLK065		151 '115435474_/_3665727_2'		3.33	3.33	3.33	0.472	0.5	3.33	0.86 No	0.472 Thermal Discharging
RLK065		152 '7903319_/_9475852'		10	10	10	1.408	2.2	10	2.58 No	1.408 Thermal Discharging
RLK065		153 '3655739_/_3666947'		10	10	10	1.408	10	10	2.58 No	1.408 Thermal Discharging
RLK065		154 '43360103_/_3651671'		3.33	3.33	3.33	0.472	0.5	3.33	0.86 No	0.472 Thermal Discharging
RLK065		155 '3655684_/_3655681_2'		3.33	3.33	3.33	0.472	1.5	3.33	0.86 No	0.472 Thermal Discharging
RLK065		156 '7587519_/_8221276_2'		3.33	3.33	3.33	0.472	1.4	3.33	0.86 No	0.472 Thermal Discharging
RLK065		157 '3657241_/_3665740'		10	10	10	1.408	1.5	10	2.58 No	1.408 Thermal Discharging
RLK065		158 '3657192_/_3657203'		3.33	3.33	3.33	0.472	0.1	3.33	0.86 No	0.1 Element Fault
RLK065		159 '3665729_/_3665727_1'		3.33	3.33	3.33	0.472	0.2	3.33	0.86 No	0.2 Element Fault
RLK065		160 '8219387_/_9476220'		10	10	10	1.408	1.5	10	2.58 No	1.408 Thermal Discharging
RLK065		161 '3657222_/_3657239'		10	10	10	1.408	1.5	10	2.58 No	1.408 Thermal Discharging
RLK065		162 '7584353_/_7903317'		10	10	10	1.408	2.2	10	2.58 No	1.408 Thermal Discharging
RLK065		163 '3655683_/_3655681_1'		3.33	3.33	3.33	0.472	0.5	3.33	0.86 No	0.472 Thermal Discharging
RLK065		164 '9164486_/_9164483'		10	10	10	1.408	0.9	10	2.58 No	0.9 Element Fault
RLK065		165 '8219386_/_8219384'		6.67	6.67	6.67	0.936	1	6.67	1.72 No	0.936 Thermal Discharging
RLK065		166 '3651674_/_43360105'		3.33	3.33	3.33	0.472	0.5	3.33	0.86 No	0.472 Thermal Discharging
RLK065		167 '43355894_/_43355896'		10	10	10	1.408	1.5	10	2.58 No	1.408 Thermal Discharging
RLK065		168 '572607410_/_8847847_1'		10	10	10	1.408	10	10	2.58 No	1.408 Thermal Discharging
RLK065		169 '560254521_/_8847847_2'		10	10	10	1.408	10	10	2.58 No	1.408 Thermal Discharging
RLK065		170 '560254464_/_560254591'		10	10	10	1.408	10	10	2.58 No	1.408 Thermal Discharging
RLK065		171 '560254709_/_560254713'		10	10	10	1.408	10	10	2.58 No	1.408 Thermal Discharging
RLK065		172 '7583958_/_8219074'		1.27	3.33	3.33	0.472	0.5	3.33	0.86 No	0.472 Thermal Discharging
RLK065		173 '7814536_/_7814533'		10	10	10	1.408	1.5	10	2.58 No	1.408 Thermal Discharging
RLK065		174 '560254334_/_560254338'		10	10	10	1.408	10	10	2.58 No	1.408 Thermal Discharging
RLK065		175 '572607716_/_589210322_1'		10	10	10	1.408	2.3	10	2.58 No	1.408 Thermal Discharging
RLK065		176 '572607705_/_560255106_1'		10	10	10	1.408	1.5	10	2.58 No	1.408 Thermal Discharging
RLK065		177 '8847753_/_8847751_1'		10	10	10	1.408	1.5	10	2.58 No	1.408 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RLK065	178	'43356021_/_3657190'	3.33		3.33	3.33	0.472	0.1	3.33	0.86 No	0.1 Element Fault
RLK065	179	'3656266_/_3656280'	10	10	10	1.408	10	10	2.58 No	1.408 Thermal Discharging	
RLK065	180	'560255102_/_560255106_2'	10	10	10	1.408	1.5	10	2.58 No	1.408 Thermal Discharging	
RLK065	181	'7584352_/_7584350'	10	10	10	1.408	2.2	10	2.58 No	1.408 Thermal Discharging	
RLK065	182	'3656249_/_3656263'	10	10	10	1.408	10	10	2.58 No	1.408 Thermal Discharging	
RLK065	183	'3656232_/_3656246'	10	10	10	1.408	10	10	2.58 No	1.408 Thermal Discharging	
RLK065	184	'43361841_/_3666453'	3.33	3.33	3.33	0.472	0.2	3.33	0.86 No	0.2 Element Fault	
RLK065	185	'8221592_/_8531066'	10	10	10	1.408	2.2	10	2.58 No	1.408 Thermal Discharging	
RLK065	186	'3656820_/_3656833_1'	3.33	3.33	3.33	0.472	0.5	3.33	0.86 No	0.472 Thermal Discharging	
RLK065	187	'68926128_/_572607620'	10	10	10	1.408	1.5	10	2.58 No	1.408 Thermal Discharging	
RLK065	188	'3656215_/_3656229'	10	10	10	1.408	10	10	2.58 No	1.408 Thermal Discharging	
RLK065	189	'50757575_/_7587533_1'	3.33	3.33	3.33	0.472	0.3	3.33	0.86 No	0.3 Element Fault	
RLK065	190	'3657221_/_3657219'	10	10	10	1.408	1.5	10	2.58 No	1.408 Thermal Discharging	
RLK065	191	'579074912_/_589210322_2'	10	10	10	1.408	2.3	10	2.58 No	1.408 Thermal Discharging	
RLK065	192	'3656198_/_3656212'	10	10	10	1.408	10	10	2.58 No	1.408 Thermal Discharging	
RLK065	193	'8221612_/_8221610'	10	10	10	1.408	1.5	10	2.58 No	1.408 Thermal Discharging	
RLK065	194	'3656178_/_3656195'	10	10	10	1.408	10	10	2.58 No	1.408 Thermal Discharging	
RLK065	195	'579074878_/_579074944'	10	10	10	1.408	2.3	10	2.58 No	1.408 Thermal Discharging	
RLK065	196	'3656177_/_3656175'	10	10	10	1.408	10	10	2.58 No	1.408 Thermal Discharging	
RLK065	197	'3656441_/_3656895'	10	10	10	1.408	10	10	2.58 No	1.408 Thermal Discharging	
RLK065	198	'3656915_/_43356161_2'	10	10	10	1.408	10	10	2.58 No	1.408 Thermal Discharging	
RLK065	199	'43356159_/_43356161_1'	10	10	10	1.408	1.5	10	2.58 No	1.408 Thermal Discharging	
RLK065	200	'3656407_/_3656439'	10	10	10	1.408	10	10	2.58 No	1.408 Thermal Discharging	
RLK065	201	'3656408_/_3656405'	10	10	10	1.408	10	10	2.58 No	1.408 Thermal Discharging	
RLK065	202	'3656374_/_3656388'	10	10	10	1.408	1.5	10	2.58 No	1.408 Thermal Discharging	
RLK065	203	'8221573_/_8221590'	10	10	10	1.408	2.2	10	2.58 No	1.408 Thermal Discharging	
RLK065	204	'579074844_/_579074894'	10	10	10	1.408	2.3	10	2.58 No	1.408 Thermal Discharging	
RLK065	205	'3656425_/_3656422'	10	10	10	1.408	10	10	2.58 No	1.408 Thermal Discharging	
RLK065	206	'3655751_/_43356148'	10	10	10	1.408	1.5	10	2.58 No	1.408 Thermal Discharging	
RLK065	207	'7270138_/_8847789_1'	6.67	6.67	6.67	0.936	0.6	6.67	1.72 No	0.6 Element Fault	
RLK065	208	'3655764_/_3656456'	10	10	10	1.408	10	10	2.58 No	1.408 Thermal Discharging	
RLK065	209	'3657193_/_43356023'	3.33	3.33	3.33	0.472	0.1	3.33	0.86 No	0.1 Element Fault	
RLK065	210	'3656340_/_3656354'	10	10	10	1.408	1.5	10	2.58 No	1.408 Thermal Discharging	
RLK065	211	'61696986_/_43356082_1'	3.33	3.33	3.33	0.472	0.5	3.33	0.86 No	0.472 Thermal Discharging	
RLK065	212	'3656476_/_3656473'	10	10	10	1.408	10	10	2.58 No	1.408 Thermal Discharging	
RLK065	213	'3656320_/_3656337'	10	10	10	1.408	1.5	10	2.58 No	1.408 Thermal Discharging	
RLK065	214	'3666429_/_43361843'	3.33	3.33	3.33	0.472	0.2	3.33	0.86 No	0.2 Element Fault	
RLK065	215	'50757532_/_7904365_1'	6.67	6.67	6.67	0.936	1	6.67	1.72 No	0.936 Thermal Discharging	
RLK065	216	'3655712_/_3656833_2'	3.33	3.33	3.33	0.472	0.5	3.33	0.86 No	0.472 Thermal Discharging	
RLK065	217	'7272081_/_8531046'	10	10	10	1.408	1.5	10	2.58 No	1.408 Thermal Discharging	
RLK065	218	'43356183_/_3656709'	10	10	10	1.408	10	10	2.58 No	1.408 Thermal Discharging	
RLK065	219	'8221279_/_8221276_1'	3.33	3.33	3.33	0.472	0.5	3.33	0.86 No	0.472 Thermal Discharging	
RLK065	220	'3656319_/_3656317'	10	10	10	1.408	1.5	10	2.58 No	1.408 Thermal Discharging	
RLK065	221	'3656510_/_3656507'	10	10	10	1.408	10	10	2.58 No	1.408 Thermal Discharging	
RLK065	222	'49984384_/_7272079_1'	2.8	7.1	10	1.408	2.2	10	2.58 No	1.408 Thermal Discharging	
RLK065	223	'3656527_/_3656524'	10	10	10	1.408	10	10	2.58 No	1.408 Thermal Discharging	
RLK065	224	'7583922_/_7583956'	1	3.33	3.33	0.472	0.5	3.33	0.86 No	0.472 Thermal Discharging	
RLK065	225	'625335474_/_9476280_1'	10	10	10	1.408	1.3	10	2.58 No	1.3 Element Fault	
RLK065	226	'8221553_/_8221570'	10	10	10	1.408	2.2	10	2.58 No	1.408 Thermal Discharging	
RLK065	227	'589210236_/_579074850'	10	10	10	1.408	2.3	10	2.58 No	1.408 Thermal Discharging	
RLK065	228	'3655793_/_43356082_2'	3.33	3.33	3.33	0.472	0.5	3.33	0.86 No	0.472 Thermal Discharging	
RLK065	229	'3656544_/_3656541'	10	10	10	1.408	10	10	2.58 No	1.408 Thermal Discharging	
RLK065	230	'3656564_/_3656561'	10	10	10	1.408	10	10	2.58 No	1.408 Thermal Discharging	
RLK065	231	'3656581_/_3656578'	10	10	10	1.408	10	10	2.58 No	1.408 Thermal Discharging	
RLK065	232	'589210182_/_589210280'	10	10	10	1.408	2.3	10	2.58 No	1.408 Thermal Discharging	
RLK065	233	'61696990_/_8847807_2'	10	10	10	1.408	5.3	10	2.58 No	1.408 Thermal Discharging	
RLK065	234	'3656598_/_3656595'	10	10	10	1.408	10	10	2.58 No	1.408 Thermal Discharging	
RLK065	235	'7585592_/_8847827_1'	10	10	10	1.408	1.5	10	2.58 No	1.408 Thermal Discharging	
RLK065	236	'473906971_/_7904365_2'	6.67	6.67	6.67	0.936	1	6.67	1.72 No	0.936 Thermal Discharging	
RLK065	237	'43356196_/_3656612'	10	10	10	1.408	10	10	2.58 No	1.408 Thermal Discharging	
RLK065	238	'3656615_/_8529021_3'	10	10	10	1.408	10	10	2.58 No	1.408 Thermal Discharging	
RLK065	239	'589210200_/_589210264'	10	10	10	1.408	2.3	10	2.58 No	1.408 Thermal Discharging	
RLK065	240	'8221513_/_8221550'	10	10	10	1.408	2.2	10	2.58 No	1.408 Thermal Discharging	
RLK065	241	'3663225_/_3666427'	3.33	3.33	3.33	0.472	0.2	3.33	0.86 No	0.2 Element Fault	
RLK065	242	'7814535_/_8504705'	3.33	3.33	3.33	0.472	0.5	3.33	0.86 No	0.472 Thermal Discharging	
RLK065	243	'9166051_/_9166048'	3.33	3.33	3.33	0.472	0.5	3.33	0.86 No	0.472 Thermal Discharging	
RLK065	244	'3656637_/_8529021_2'	10	10	10	1.408	10	10	2.58 No	1.408 Thermal Discharging	
RLK065	245	'43356209_/_8529021_1'	10	10	10	1.408	10	10	2.58 No	1.408 Thermal Discharging	
RLK065	246	'7587764_/_8221510'	10	10	10	1.408	2.2	10	2.58 No	1.408 Thermal Discharging	
RLK065	247	'8847830_/_8847827_2'	10	10	10	1.408	1.5	10	2.58 No	1.408 Thermal Discharging	
RLK065	248	'43360739_/_43356211'	10	10	10	1.408	10	10	2.58 No	1.408 Thermal Discharging	
RLK065	249	'3656658_/_3656655'	10	10	10	1.408	10	10	2.58 No	1.408 Thermal Discharging	
RLK065	250	'8504764_/_8529001_1'	10	10	10	1.408	1.5	10	2.58 No	1.408 Thermal Discharging	
RLK065	251	'3656675_/_3656672'	10	10	10	1.408	10	10	2.58 No	1.408 Thermal Discharging	
RLK065	252	'7904368_/_473906995'	6.67	6.67	6.67	0.936	1	6.67	1.72 No	0.936 Thermal Discharging	
RLK065	253	'3656786_/_3656783'	10	10	10	1.408	10	10	2.58 No	1.408 Thermal Discharging	
RLK065	254	'43358896_/_3656800'	10	10	10	1.408	10	10	2.58 No	1.408 Thermal Discharging	
RLK065	255	'625337156_/_9476280_2'	10	10	10	1.408	1.3	10	2.58 No	1.3 Element Fault	
RLK065	256	'7587763_/_7587761'	7.5	10	10	1.408	2.2	10	2.58 No	1.408 Thermal Discharging	
RLK065	257	'625337251_/_630715293'	10	10	10	1.408	1.3	10	2.58 No	1.3 Element Fault	
RLK065	258	'625337186_/_625336703'	10	10	10	1.408	1.3	10	2.58 No	1.3 Element Fault	
RLK065	259	'625337249_/_625336709'	10	10	10	1.408	1.3	10	2.58 No	1.3 Element Fault	
RLK065	260	'625337259_/_625336721'	10	10	10	1.408	0.8	10	2.58 No	0.8 Element Fault	
RLK065	261	'625337243_/_625336715'	10	10	10	1.408	1.3	10	2.58 No	1.3 Element Fault	
RLK065	262	'3656966_/_3656980'	10	10	10	1.408	10	10	2.58 No	1.408 Thermal Discharging	
RLK065	263	'625337166_/_630715301'	10	10	10	1.408	1.3	10	2.58 No	1.3 Element Fault	
RLK065	264	'3656949_/_3656963'	10	10	10	1.408	10	10	2.58 No	1.408 Thermal Discharging	
RLK065	265	'625336770_/_625336952'	10	10	10	1.408	0.8	10	2.58 No	0.8 Element Fault	
RLK065	266	'625335418_/_625335782'	10	10	10	1.408	1.3	10	2.58 No	1.3 Element Fault	
RLK065	267	'43359768_/_3657031'	10	10	10	1.408	10	10	2.58 No	1.408 Thermal Discharging	
RLK065	268	'43355977_/_3663223'	3.33	3.33	3.33	0.472	0.2	3.33	0.86 No	0.2 Element Fault	
RLK065	269	'7270156_/_8847807_1'	10	10	10	1.408	1.5	10	2.58 No	1.408 Thermal Discharging	
RLK065	270	'3656948_/_3656946'	10	10	10	1.408	10	10	2.58 No	1.408 Thermal Discharging	
RLK065	271	'3655713_/_3655710'	3.33	3.33	3.33	0.472	0.5	3.33	0.86 No	0.472 Thermal Discharging	

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RLK065	272	'7583923_/_7583920'	0.83	3.33	3.33	0.472	0.5	3.33	0.86 No	0.472	Thermal Discharging
RLK065	273	'8528984_/_8529001_2'	10	10	10	1.408	1.5	10	2.58 No	1.408	Thermal Discharging
RLK065	274	'8219445_/_8848201_1'	10	10	10	1.408	1.5	10	2.58 No	1.408	Thermal Discharging
RLK065	275	'3658417_/_3658431'	10	10	10	1.408	10	10	2.58 No	1.408	Thermal Discharging
RLK065	276	'432391969_/_8848201_2'	10	10	10	1.408	1.5	10	2.58 No	1.408	Thermal Discharging
RLK065	277	'75957473_/_3658414_2'	10	10	10	1.408	10	10	2.58 No	1.408	Thermal Discharging
RLK065	278	'43358994_/_3658414_1'	10	10	10	1.408	10	10	2.58 No	1.408	Thermal Discharging
RLK065	279	'7272101_/_8221630'	6.4	10	10	1.408	2.2	10	2.58 No	1.408	Thermal Discharging
RLK065	280	'3647216_/_3658394'	10	10	10	1.408	10	10	2.58 No	1.408	Thermal Discharging
RLK065	281	'3655726_/_3655723'	3.33	3.33	3.33	0.472	0.5	3.33	0.86 No	0.472	Thermal Discharging
RLK065	282	'3647199_/_3647213'	10	10	10	1.408	10	10	2.58 No	1.408	Thermal Discharging
RLK065	283	'667487797_/_8847789_2'	6.67	6.67	6.67	0.936	0.6	6.67	1.72 No	0.6	Element Fault
RLK065	284	'432392062_/_432392081'	10	10	10	1.408	1.5	10	2.58 No	1.408	Thermal Discharging
RLK065	285	'3647182_/_3647196'	10	10	10	1.408	10	10	2.58 No	1.408	Thermal Discharging
RLK065	286	'7270155_/_7270153'	10	10	10	1.408	1.5	10	2.58 No	1.408	Thermal Discharging
RLK065	287	'3647162_/_3647179'	10	10	10	1.408	10	10	2.58 No	1.408	Thermal Discharging
RLK065	288	'7272102_/_7272099'	5.7	10	10	1.408	2.2	10	2.58 No	1.408	Thermal Discharging
RLK065	289	'3641228_/_3647159'	10	10	10	1.408	10	10	2.58 No	1.408	Thermal Discharging
RLK065	290	'3663388_/_3663385'	10	10	10	1.408	10	10	2.58 No	1.408	Thermal Discharging
RLK065	291	'467184624_/_467184621'	3.33	3.33	3.33	0.472	0.5	3.33	0.86 No	0.472	Thermal Discharging
RLK065	292	'3657261_/_3663236'	3.33	3.33	3.33	0.472	0.2	3.33	0.86 No	0.2	Element Fault
RLK065	293	'7271613_/_7271611_1'	10	10	10	1.408	1.9	10	2.58 No	1.408	Thermal Discharging
RLK065	294	'3663370_/_3663402'	10	10	10	1.408	10	10	2.58 No	1.408	Thermal Discharging
RLK065	295	'432392018_/_432392107'	10	10	10	1.408	1.5	10	2.58 No	1.408	Thermal Discharging
RLK065	296	'43356222_/_3663368'	10	10	10	1.408	10	10	2.58 No	1.408	Thermal Discharging
RLK065	297	'561272431_/_7585705'	0.73	3.33	3.33	0.472	0.5	3.33	0.86 No	0.472	Thermal Discharging
RLK065	298	'7905565_/_7905563_1'	10	10	10	1.408	1.5	10	2.58 No	1.408	Thermal Discharging
RLK065	299	'3668074_/_43356224'	10	10	10	1.408	10	10	2.58 No	1.408	Thermal Discharging
RLK065	300	'3650058_/_3668088'	10	10	10	1.408	10	10	2.58 No	1.408	Thermal Discharging
RLK065	301	'7814556_/_9166304'	5.2	10	10	1.408	2.2	10	2.58 No	1.408	Thermal Discharging
RLK065	302	'8221692_/_8221690_1'	10	10	10	1.408	1.5	10	2.58 No	1.408	Thermal Discharging
RLK065	303	'3642442_/_3650056'	10	10	10	1.408	10	10	2.58 No	1.408	Thermal Discharging
RLK065	304	'3657262_/_3657259'	3.33	3.33	3.33	0.472	0.2	3.33	0.86 No	0.2	Element Fault
RLK065	305	'3642443_/_3642440'	10	10	10	1.408	10	10	2.58 No	1.408	Thermal Discharging
RLK065	306	'8846988_/_8847005_1'	10	10	10	1.408	1.5	10	2.58 No	1.408	Thermal Discharging
RLK065	307	'8221693_/_8221690_2'	10	10	10	1.408	1.5	10	2.58 No	1.408	Thermal Discharging
RLK065	308	'3642460_/_3642457'	10	10	10	1.408	10	10	2.58 No	1.408	Thermal Discharging
RLK065	309	'7904385_/_432392022'	10	10	10	1.408	1.5	10	2.58 No	1.408	Thermal Discharging
RLK065	310	'7585632_/_7585629_2'	10	10	10	1.408	1.5	10	2.58 No	1.408	Thermal Discharging
RLK065	311	'3642477_/_3642474'	10	10	10	1.408	10	10	2.58 No	1.408	Thermal Discharging
RLK065	312	'7271614_/_7271611_2'	10	10	10	1.408	1.9	10	2.58 No	1.408	Thermal Discharging
RLK065	313	'7270525_/_7585609'	6.3	10	10	1.408	1.3	10	2.58 No	1.3	Element Fault
RLK065	314	'8528983_/_8528981'	6.7	10	10	1.408	1.5	10	2.58 No	1.408	Thermal Discharging
RLK065	315	'43358968_/_43358970'	10	10	10	1.408	4.9	10	2.58 No	1.408	Thermal Discharging
RLK065	316	'561272399_/_561272471'	0.7	3.33	3.33	0.472	0.5	3.33	0.86 No	0.472	Thermal Discharging
RLK065	317	'8530441_/_8530458'	10	10	10	1.408	1.9	10	2.58 No	1.408	Thermal Discharging
RLK065	318	'3641211_/_3641208_2'	10	10	10	1.408	4.9	10	2.58 No	1.408	Thermal Discharging
RLK065	319	'3642494_/_3642491'	10	10	10	1.408	10	10	2.58 No	1.408	Thermal Discharging
RLK065	320	'8220924_/_8530438'	10	10	10	1.408	1.9	10	2.58 No	1.408	Thermal Discharging
RLK065	321	'53040914_/_53040916'	4.8	10	10	1.408	2.2	10	2.58 No	1.408	Thermal Discharging
RLK065	322	'3632819_/_3642508'	10	10	10	1.408	10	10	2.58 No	1.408	Thermal Discharging
RLK065	323	'7905566_/_9445500'	6.9	10	10	1.408	1.9	10	2.58 No	1.408	Thermal Discharging
RLK065	324	'7271554_/_7904345'	6.5	10	10	1.408	1.5	10	2.58 No	1.408	Thermal Discharging
RLK065	325	'3642528_/_3642525'	6.6	10	10	1.408	10	10	2.58 No	1.408	Thermal Discharging
RLK065	326	'3632820_/_3632837_1'	10	10	10	1.408	3.3	10	2.58 No	1.408	Thermal Discharging
RLK065	327	'43358981_/_3641208_1'	10	10	10	1.408	1.7	10	2.58 No	1.408	Thermal Discharging
RLK065	328	'3642548_/_3642545'	6.4	10	10	1.408	10	10	2.58 No	1.408	Thermal Discharging
RLK065	329	'7271886_/_7587533_2'	1.67	3.33	3.33	0.472	0.3	3.33	0.86 No	0.3	Element Fault
RLK065	330	'9166034_/_9445660'	1.67	3.33	3.33	0.472	0.5	3.33	0.86 No	0.472	Thermal Discharging
RLK065	331	'3642565_/_3642562'	6.3	10	10	1.408	10	10	2.58 No	1.408	Thermal Discharging
RLK065	332	'8847008_/_8847005_2'	6.5	10	10	1.408	1.5	10	2.58 No	1.408	Thermal Discharging
RLK065	333	'37698136_/_7270523'	5.6	10	10	1.408	1.3	10	2.58 No	1.3	Element Fault
RLK065	334	'37698143_/_37698140'	5.6	10	10	1.408	1.3	10	2.58 No	1.3	Element Fault
RLK065	335	'388550090_/_388550087'	5.6	10	10	1.408	1.3	10	2.58 No	1.3	Element Fault
RLK065	336	'37698164_/_37698168'	5.6	10	10	1.408	1.3	10	2.58 No	1.3	Element Fault
RLK065	337	'37698150_/_37698147'	5.6	10	10	1.408	1.3	10	2.58 No	1.3	Element Fault
RLK065	338	'3636609_/_3646211'	6.1	10	10	1.408	10	10	2.58 No	1.408	Thermal Discharging
RLK065	339	'3632840_/_3632837_2'	6.4	10	10	1.408	3.3	10	2.58 No	1.408	Thermal Discharging
RLK065	340	'3643370_/_3646194'	6	10	10	1.408	10	10	2.58 No	1.408	Thermal Discharging
RLK065	341	'3643371_/_3643368'	6	10	10	1.408	10	10	2.58 No	1.408	Thermal Discharging
RLK065	342	'3665650_/_3665681_1'	5.9	10	10	1.408	10	10	2.58 No	1.408	Thermal Discharging
RLK065	343	'43361736_/_3665681_2'	5.9	10	10	1.408	10	10	2.58 No	1.408	Thermal Discharging
RLK065	344	'7583618_/_7583616_1'	2	3.33	3.33	0.472	0.5	3.33	0.86 No	0.472	Thermal Discharging
RLK065	345	'3665667_/_3665665_1'	1.97	3.33	3.33	0.472	0.5	3.33	0.86 No	0.472	Thermal Discharging
RLK065	346	'3643387_/_43361738'	5.8	10	10	1.408	10	10	2.58 No	1.408	Thermal Discharging
RLK065	347	'3657275_/_3657272'	2.17	3.33	3.33	0.472	0.2	3.33	0.86 No	0.2	Element Fault
RLK065	348	'3632860_/_3632857'	5.6	10	10	1.408	3.3	10	2.58 No	1.408	Thermal Discharging
RLK065	349	'3643388_/_3643385'	5.8	10	10	1.408	10	10	2.58 No	1.408	Thermal Discharging
RLK065	350	'7259862_/_8527327_1'	5.6	10	10	1.408	2.3	10	2.58 No	1.408	Thermal Discharging
RLK065	351	'3641168_/_3641188'	5.6	10	10	1.408	1.7	10	2.58 No	1.408	Thermal Discharging
RLK065	352	'3643405_/_3643402'	5.7	10	10	1.408	10	10	2.58 No	1.408	Thermal Discharging
RLK065	353	'43356235_/_3632877'	5.4	10	10	1.408	3.3	10	2.58 No	1.408	Thermal Discharging
RLK065	354	'8527330_/_8527327_2'	5.4	10	10	1.408	2.3	10	2.58 No	1.408	Thermal Discharging
RLK065	355	'3632880_/_8848453_1'	5.4	10	10	1.408	2.3	10	2.58 No	1.408	Thermal Discharging
RLK065	356	'3635660_/_3643419'	5.7	10	10	1.408	10	10	2.58 No	1.408	Thermal Discharging
RLK065	357	'43361749_/_3665665_2'	1.77	3.33	3.33	0.472	0.5	3.33	0.86 No	0.472	Thermal Discharging
RLK065	358	'3643439_/_3643436'	5.6	10	10	1.408	10	10	2.58 No	1.408	Thermal Discharging
RLK065	359	'7583619_/_7583616_2'	1.7	3.33	3.33	0.472	0.5	3.33	0.86 No	0.472	Thermal Discharging
RLK065	360	'146996647_/_3635657_1'	5.2	10	10	1.408	1.5	10	2.58 No	1.408	Thermal Discharging
RLK065	361	'3643643_/_3643640'	5.6	10	10	1.408	10	10	2.58 No	1.408	Thermal Discharging
RLK065	362	'7904688_/_7904685'	4.8	10	10	1.408	1.3	10	2.58 No	1.3	Element Fault
RLK065	363	'53041127_/_53041137'	4.1	10	10	1.408	2.2	10	2.58 No	1.408	Thermal Discharging
RLK065	364	'7585904_/_7585901'	4.7	10	10	1.408	1.3	10	2.58 No	1.3	Element Fault
RLK065	365	'3643660_/_3643657'	5.5	10	10	1.408	10	10	2.58 No	1.408	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over- Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RLK065	366	'3643680_/_3643677'		5.5	10	10	1.408	10	10	2.58 No	1.408 Thermal Discharging
RLK065	367	'8530716_/_9166032'		1.43	3.33	3.33	0.472	0.5	3.33	0.86 No	0.472 Thermal Discharging
RLK065	368	'3646041_/_3646038'		5.4	10	10	1.408	10	10	2.58 No	1.408 Thermal Discharging
RLK065	369	'50757760_/_3636607'		3.33	3.33	3.33	0.472	1.1	3.33	0.86 No	0.472 Thermal Discharging
RLK065	370	'3665621_/_3665632'		1.6	3.33	3.33	0.472	0.5	3.33	0.86 No	0.472 Thermal Discharging
RLK065	371	'3636610_/_8163301_2'		3.33	3.33	3.33	0.472	1.1	3.33	0.86 No	0.472 Thermal Discharging
RLK065	372	'3646058_/_3646055'		5.4	10	10	1.408	10	10	2.58 No	1.408 Thermal Discharging
RLK065	373	'605562772_/_605562776'		3.9	10	10	1.408	2.2	10	2.58 No	1.408 Thermal Discharging
RLK065	374	'3646075_/_3646072'		5.4	10	10	1.408	10	10	2.58 No	1.408 Thermal Discharging
RLK065	375	'3636524_/_3646089'		5.3	10	10	1.408	10	10	2.58 No	1.408 Thermal Discharging
RLK065	376	'43355966_/_3657285'		1.77	3.33	3.33	0.472	0.2	3.33	0.86 No	0.2 Element Fault
RLK065	377	'3641590_/_3647338'		5.3	10	10	1.408	10	10	2.58 No	1.408 Thermal Discharging
RLK065	378	'3636525_/_3636537_1'		3.4	6.67	6.67	0.936	1	6.67	1.72 No	0.936 Thermal Discharging
RLK065	379	'3646109_/_3646106'		5.3	10	10	1.408	10	10	2.58 No	1.408 Thermal Discharging
RLK065	380	'43359101_/_76233752'		5.3	10	10	1.408	10	10	2.58 No	1.408 Thermal Discharging
RLK065	381	'76761918_/_77380653_3'		5.3	10	10	1.408	10	10	2.58 No	1.408 Thermal Discharging
RLK065	382	'7585111_/_561272403'		0.57	3.33	3.33	0.472	0.5	3.33	0.86 No	0.472 Thermal Discharging
RLK065	383	'3665622_/_3665619'		1.47	3.33	3.33	0.472	0.5	3.33	0.86 No	0.472 Thermal Discharging
RLK065	384	'605562738_/_605562803'		3.7	10	10	1.408	2.2	10	2.58 No	1.408 Thermal Discharging
RLK065	385	'3641148_/_3641165'		4.6	10	10	1.408	1.7	10	2.58 No	1.408 Thermal Discharging
RLK065	386	'3636540_/_3636537_2'		3.2	6.67	6.67	0.936	1	6.67	1.72 No	0.936 Thermal Discharging
RLK065	387	'3641591_/_3665711_1'		1.6	3.33	3.33	0.472	0.5	3.33	0.86 No	0.472 Thermal Discharging
RLK065	388	'85915880_/_85915877'		1.43	3.33	3.33	0.472	0.5	3.33	0.86 No	0.472 Thermal Discharging
RLK065	389	'3635659_/_3635657_2'		4.2	10	10	1.408	1.5	10	2.58 No	1.408 Thermal Discharging
RLK065	390	'8527369_/_8848453_2'		4.3	10	10	1.408	2.3	10	2.58 No	1.408 Thermal Discharging
RLK065	391	'277612865_/_7271551'		4.4	10	10	1.408	1.5	10	2.58 No	1.408 Thermal Discharging
RLK065	392	'605562705_/_605562754'		3.5	10	10	1.408	2.2	10	2.58 No	1.408 Thermal Discharging
RLK065	393	'85915943_/_85915912_1'		1.4	3.33	3.33	0.472	0.3	3.33	0.86 No	0.3 Element Fault
RLK065	394	'71041351_/_8163301_1'		3.33	3.33	3.33	0.472	0.5	3.33	0.86 No	0.472 Thermal Discharging
RLK065	395	'43358955_/_43358957'		4.3	10	10	1.408	1.7	10	2.58 No	1.408 Thermal Discharging
RLK065	396	'3657365_/_3657362'		1.33	3.33	3.33	0.472	0.2	3.33	0.86 No	0.2 Element Fault
RLK065	397	'8847792_/_667487821'		3.67	6.67	6.67	0.936	0.6	6.67	1.72 No	0.6 Element Fault
RLK065	398	'277612910_/_277612929'		4.2	10	10	1.408	1.5	10	2.58 No	1.408 Thermal Discharging
RLK065	399	'7271885_/_8530714_1'		1.17	3.33	3.33	0.472	0.3	3.33	0.86 No	0.3 Element Fault
RLK065	400	'3635683_/_3635680'		3.8	10	10	1.408	1.5	10	2.58 No	1.408 Thermal Discharging
RLK065	401	'43357707_/_3636558'		2.8	6.67	6.67	0.936	1	6.67	1.72 No	0.936 Thermal Discharging
RLK065	402	'8848476_/_9164913'		3.9	10	10	1.408	2.3	10	2.58 No	1.408 Thermal Discharging
RLK065	403	'3641127_/_3641125'		4.1	10	10	1.408	1.7	10	2.58 No	1.408 Thermal Discharging
RLK065	404	'7587044_/_7905763'		2.6	6.67	6.67	0.936	1	6.67	1.72 No	0.936 Thermal Discharging
RLK065	405	'8528106_/_9163271_1'		4.1	10	10	1.408	0.9	10	2.58 No	0.9 Element Fault
RLK065	406	'53040879_/_53041124'		3	10	10	1.408	2.2	10	2.58 No	1.408 Thermal Discharging
RLK065	407	'277612821_/_277612955'		4	10	10	1.408	1.5	10	2.58 No	1.408 Thermal Discharging
RLK065	408	'3665714_/_3665711_2'		1.3	3.33	3.33	0.472	0.5	3.33	0.86 No	0.472 Thermal Discharging
RLK065	409	'3657378_/_3657375'		1.17	3.33	3.33	0.472	0.2	3.33	0.86 No	0.2 Element Fault
RLK065	410	'9163274_/_9163271_2'		4	10	10	1.408	0.9	10	2.58 No	0.9 Element Fault
RLK065	411	'3635249_/_3636573'		2.6	6.67	6.67	0.936	1	6.67	1.72 No	0.936 Thermal Discharging
RLK065	412	'7271553_/_277612826'		3.9	10	10	1.408	1.5	10	2.58 No	1.408 Thermal Discharging
RLK065	413	'349613694_/_349613691'		3.5	10	10	1.408	1.5	10	2.58 No	1.408 Thermal Discharging
RLK065	414	'360253389_/_349613796_1'		3.5	10	10	1.408	0.9	10	2.58 No	0.9 Element Fault
RLK065	415	'349613777_/_349613796_2'		3.5	10	10	1.408	0.9	10	2.58 No	0.9 Element Fault
RLK065	416	'3641251_/_3641268'		3.9	10	10	1.408	1.7	10	2.58 No	1.408 Thermal Discharging
RLK065	417	'120386585_/_7814553'		2.8	10	10	1.408	2.2	10	2.58 No	1.408 Thermal Discharging
RLK065	418	'3657394_/_3657391'		1.03	3.33	3.33	0.472	0.2	3.33	0.86 No	0.2 Element Fault
RLK065	419	'120386667_/_120386678'		2.6	9.8	10	1.408	2.2	10	2.58 No	1.408 Thermal Discharging
RLK065	420	'43357326_/_3635247'		2.33	6.67	6.67	0.936	1	6.67	1.72 No	0.936 Thermal Discharging
RLK065	421	'85915901_/_85915912_2'		1.1	3.33	3.33	0.472	0.3	3.33	0.86 No	0.3 Element Fault
RLK065	422	'437063567_/_427406203'		3.6	10	10	1.408	1.5	10	2.58 No	1.408 Thermal Discharging
RLK065	423	'120386622_/_120386696'		2.5	9	10	1.408	2.2	10	2.58 No	1.408 Thermal Discharging
RLK065	424	'8527350_/_8848473'		3.3	10	10	1.408	2.3	10	2.58 No	1.408 Thermal Discharging
RLK065	425	'437063533_/_427406306'		3.5	10	10	1.408	1.5	10	2.58 No	1.408 Thermal Discharging
RLK065	426	'437308040_/_437308061'		3.5	10	10	1.408	1.5	10	2.58 No	1.408 Thermal Discharging
RLK065	427	'7814555_/_120386627'		2.4	8.5	10	1.408	2.2	10	2.58 No	1.408 Thermal Discharging
RLK065	428	'3640865_/_3641248'		3.5	10	10	1.408	1.7	10	2.58 No	1.408 Thermal Discharging
RLK065	429	'3635265_/_3635262'		2.13	6.67	6.67	0.936	1	6.67	1.72 No	0.936 Thermal Discharging
RLK065	430	'437063559_/_427406332'		3.4	10	10	1.408	1.5	10	2.58 No	1.408 Thermal Discharging
RLK065	431	'37688029_/_8527347'		3.1	10	10	1.408	2.3	10	2.58 No	1.408 Thermal Discharging
RLK065	432	'37688022_/_37688026'		3.1	10	10	1.408	2.3	10	2.58 No	1.408 Thermal Discharging
RLK065	433	'400152427_/_400152424'		3.1	10	10	1.408	2.3	10	2.58 No	1.408 Thermal Discharging
RLK065	434	'400152417_/_37688019_2'		3.1	10	10	1.408	2.3	10	2.58 No	1.408 Thermal Discharging
RLK065	435	'37688021_/_37688019_1'		3.1	10	10	1.408	2.3	10	2.58 No	1.408 Thermal Discharging
RLK065	436	'400152418_/_400152415'		3.1	10	10	1.408	2.3	10	2.58 No	1.408 Thermal Discharging
RLK065	437	'7587043_/_7587041'		3.2	10	10	1.408	1.5	10	2.58 No	1.408 Thermal Discharging
RLK065	438	'8504724_/_8504721_1'		3.1	10	10	1.408	1.3	10	2.58 No	1.3 Element Fault
RLK065	439	'43357338_/_3635277'		2	6.67	6.67	0.936	1	6.67	1.72 No	0.936 Thermal Discharging
RLK065	440	'3640848_/_3640862'		3.2	7.4	10	1.408	1.7	10	2.58 No	1.408 Thermal Discharging
RLK065	441	'3635295_/_43357340'		1.8	6.67	6.67	0.936	1	6.67	1.72 No	0.936 Thermal Discharging
RLK065	442	'43358861_/_3640845'		2.7	6.1	10	1.408	1.7	10	2.58 No	1.408 Thermal Discharging
RLK065	443	'3664016_/_3664013'		1.73	6.67	6.67	0.936	1	6.67	1.72 No	0.936 Thermal Discharging
RLK065	444	'3664031_/_3664028'		1.67	6.67	6.67	0.936	1	6.67	1.72 No	0.936 Thermal Discharging
RLK065	445	'3640794_/_3640792'		2.3	5.3	10	1.408	1.7	10	2.58 No	1.408 Thermal Discharging
RLK065	446	'8215586_/_8215584_1'		2.3	5.3	10	1.408	1.1	10	2.58 No	1.1 Element Fault
RLK065	447	'3640818_/_3640815_2'		0.77	1.77	3.33	0.472	0.57	3.33	0.86 No	0.472 Thermal Discharging
RLK065	448	'3640782_/_3640815_1'		0.77	1.73	3.33	0.472	0.3	3.33	0.86 No	0.3 Element Fault
RLK065	449	'8215587_/_8215584_2'		2.2	5.1	10	1.408	1.1	10	2.58 No	1.1 Element Fault
RLK065	450	'478661899_/_8845763'		2.2	5	10	1.408	1.1	10	2.58 No	1.1 Element Fault
RLK065	451	'7905786_/_7905783'		1.33	2.73	3.33	0.472	0.5	3.28	0.86 No	0.472 Thermal Discharging
RLK065	452	'8845766_/_478661921'		2.2	5	10	1.408	1.1	10	2.58 No	1.1 Element Fault
RLK065	453	'3632804_/_3640779'		0.77	1.7	3.33	0.472	0.3	3.33	0.86 No	0.3 Element Fault
RLK065	454	'3632791_/_3632801'		0.8	1.6	3.33	0.472	0.3	3.33	0.86 No	0.3 Element Fault
RLK065	455	'3632790_/_3632788'		0.8	1.57	3.33	0.472	0.3	3.33	0.86 No	0.3 Element Fault
RLK065	456	'8163304_/_71041360'		1	1.73	3.33	0.472	0.5	3.23	0.86 No	0.472 Thermal Discharging
RLK065	457	'360111447_/_360111484'		0.97	1.73	3.33	0.472	0.5	3.22	0.86 No	0.472 Thermal Discharging
RLK066	0	'RLK066_/_64318469'		10	10	10	0.616	10	10	2.67 No	0.616 Thermal Discharging
RLK066	1	'114600341_/_64318469'		10	10	10	0.616	10	10	2.67 No	0.616 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RLK066		2 '7270296_/_7270293'		10	10	10	0.616	10	10	2.67 No	0.616 Thermal Discharging
RLK066		3 '8847969_/_9476420'		10	10	10	0.616	10	10	2.67 No	0.616 Thermal Discharging
RLK066		4 '8529207_/_8847967'		10	10	10	0.616	10	10	2.67 No	0.616 Thermal Discharging
RLK066		5 '7586902_/_64318398'		10	10	10	0.616	10	10	2.67 No	0.616 Thermal Discharging
RLK066		6 '7586901_/_64318415'		10	10	10	0.616	10	10	2.67 No	0.616 Thermal Discharging
RLK066		7 '8529247_/_8530152'		10	10	10	0.616	10	10	2.67 No	0.616 Thermal Discharging
RLK066		8 '3641817_/_8529245_1'		10	10	10	0.616	10	10	2.67 No	0.616 Thermal Discharging
RLK066		9 '43359186_/_8529245_2'		10	10	10	0.616	10	10	2.67 No	0.616 Thermal Discharging
RLK066		10 '43355745_/_43359188'		10	10	10	0.616	10	10	2.67 No	0.616 Thermal Discharging
RLK066		11 '43355759_/_43355747'		10	10	10	0.616	10	10	2.67 No	0.616 Thermal Discharging
RLK066		12 '3640050_/_3640047'		10	10	10	0.616	10	10	2.67 No	0.616 Thermal Discharging
RLK066		13 '3640067_/_3640064'		10	10	10	0.616	10	10	2.67 No	0.616 Thermal Discharging
RLK066		14 '7259805_/_7259803_1'		10	10	10	0.616	1.5	10	2.67 No	0.616 Thermal Discharging
RLK066		15 '3640084_/_3640081'		10	10	10	0.616	10	10	2.67 No	0.616 Thermal Discharging
RLK066		16 '3640882_/_3640879'		10	10	10	0.616	10	10	2.67 No	0.616 Thermal Discharging
RLK066		17 '3640899_/_3640896'		10	10	10	0.616	10	10	2.67 No	0.616 Thermal Discharging
RLK066		18 '7259806_/_7259803_2'		10	10	10	0.616	1.5	10	2.67 No	0.616 Thermal Discharging
RLK066		19 '3663935_/_3663932'		10	10	10	0.616	10	10	2.67 No	0.616 Thermal Discharging
RLK066		20 '3640919_/_3640916'		10	10	10	0.616	4.8	10	2.67 No	0.616 Thermal Discharging
RLK066		21 '3631989_/_3663949'		9.9	10	10	0.616	10	10	2.67 No	0.616 Thermal Discharging
RLK066		22 '8847493_/_8847491_1'		9.7	10	10	0.616	1.5	10	2.67 No	0.616 Thermal Discharging
RLK066		23 '43355772_/_3663966'		9.2	10	10	0.616	10	10	2.67 No	0.616 Thermal Discharging
RLK066		24 '3631990_/_3632000_1'		3.03	3.33	3.33	0.208	0.5	3.33	0.89 No	0.208 Thermal Discharging
RLK066		25 '3640137_/_43355774'		8.7	10	10	0.616	10	10	2.67 No	0.616 Thermal Discharging
RLK066		26 '43355785_/_3640135'		8.3	10	10	0.616	10	10	2.67 No	0.616 Thermal Discharging
RLK066		27 '7269937_/_8847491_2'		7.9	10	10	0.616	1.5	10	2.67 No	0.616 Thermal Discharging
RLK066		28 '3640101_/_3640098'		7.9	10	10	0.616	10	10	2.67 No	0.616 Thermal Discharging
RLK066		29 '3631960_/_3640115'		7.6	10	10	0.616	10	10	2.67 No	0.616 Thermal Discharging
RLK066		30 '3640154_/_3640152'		7.5	10	10	0.616	10	10	2.67 No	0.616 Thermal Discharging
RLK066		31 '413534138_/_3640169'		7.5	10	10	0.616	10	10	2.67 No	0.616 Thermal Discharging
RLK066		32 '3640172_/_9477284_1'		7.5	10	10	0.616	10	10	2.67 No	0.616 Thermal Discharging
RLK066		33 '3631961_/_3631971_1'		2.47	3.33	3.33	0.208	0.5	3.33	0.89 No	0.208 Thermal Discharging
RLK066		34 '3632003_/_3632000_2'		2.33	3.33	3.33	0.208	0.5	3.33	0.89 No	0.208 Thermal Discharging
RLK066		35 '3631973_/_3631971_2'		2.07	3.33	3.33	0.208	0.5	3.33	0.89 No	0.208 Thermal Discharging
RLK066		36 '3640191_/_9477284_2'		6.3	10	10	0.616	10	10	2.67 No	0.616 Thermal Discharging
RLK066		37 '43355844_/_9477284_3'		6.3	10	10	0.616	10	10	2.67 No	0.616 Thermal Discharging
RLK066		38 '3640192_/_43355846'		5.8	10	10	0.616	10	10	2.67 No	0.616 Thermal Discharging
RLK066		39 '3640209_/_3640206'		5.5	10	10	0.616	10	10	2.67 No	0.616 Thermal Discharging
RLK066		40 '3640229_/_3640226'		5.3	10	10	0.616	10	10	2.67 No	0.616 Thermal Discharging
RLK066		41 '395896585_/_7269935'		4.9	10	10	0.616	1.5	10	2.67 No	0.616 Thermal Discharging
RLK066		42 '43355857_/_3640243'		5.1	10	10	0.616	10	10	2.67 No	0.616 Thermal Discharging
RLK066		43 '3640246_/_8850151_2'		5	10	10	0.616	10	10	2.67 No	0.616 Thermal Discharging
RLK066		44 '3632016_/_3632013'		1.6	3.33	3.33	0.208	0.5	3.33	0.89 No	0.208 Thermal Discharging
RLK066		45 '395896606_/_395896625'		4	10	10	0.616	1.5	10	2.67 No	0.616 Thermal Discharging
RLK066		46 '43355820_/_3632029'		1.3	3.33	3.33	0.208	0.5	3.33	0.89 No	0.208 Thermal Discharging
RLK066		47 '395896653_/_395896663'		3.6	10	10	0.616	1.5	10	2.67 No	0.616 Thermal Discharging
RLK066		48 '3632032_/_43355822'		1.07	3.33	3.33	0.208	0.5	3.33	0.89 No	0.208 Thermal Discharging
RLK066		49 '7272310_/_8850151_1'		3.3	9.3	10	0.616	10	10	2.67 No	0.616 Thermal Discharging
RLK066		50 '7272290_/_7272307'		3.2	9.1	10	0.616	10	10	2.67 No	0.616 Thermal Discharging
RLK066		51 '7272289_/_7272287_2'		3	8.3	10	0.616	10	10	2.67 No	0.616 Thermal Discharging
RLK066		52 '3639962_/_7272287_1'		3	8.3	10	0.616	10	10	2.67 No	0.616 Thermal Discharging
RLK066		53 '3639945_/_3639959'		3	8.2	10	0.616	10	10	2.67 No	0.616 Thermal Discharging
RLK066		54 '3631282_/_3664605'		2.9	8.2	10	0.616	10	10	2.67 No	0.616 Thermal Discharging
RLK066		55 '3631281_/_3669465_1'		0.97	2.73	3.33	0.208	0.8	3.33	0.89 No	0.208 Thermal Discharging
RLK066		56 '3639944_/_3639942'		3	8.1	10	0.616	10	10	2.67 No	0.616 Thermal Discharging
RLK066		57 '3641981_/_3641978'		2.9	8.1	10	0.616	10	10	2.67 No	0.616 Thermal Discharging
RLK066		58 '413534121_/_3631295_1'		0.97	2.73	3.33	0.208	0.5	3.33	0.89 No	0.208 Thermal Discharging
RLK066		59 '43359321_/_3648363'		3	7.9	10	0.616	10	10	2.67 No	0.616 Thermal Discharging
RLK066		60 '3631820_/_3641995'		2.8	8	10	0.616	10	10	2.67 No	0.616 Thermal Discharging
RLK066		61 '3642015_/_3642012'		2.8	7.8	10	0.616	10	10	2.67 No	0.616 Thermal Discharging
RLK066		62 '43361598_/_3669465_2'		0.97	2.6	3.33	0.208	0.8	3.33	0.89 No	0.208 Thermal Discharging
RLK066		63 '3631265_/_3631263_1'		0.93	2.6	3.33	0.208	0.5	3.33	0.89 No	0.208 Thermal Discharging
RLK066		64 '3631298_/_3631295_2'		0.97	2.6	3.33	0.208	0.5	3.33	0.89 No	0.208 Thermal Discharging
RLK066		65 '3642032_/_3642029'		2.7	7.7	10	0.616	10	10	2.67 No	0.616 Thermal Discharging
RLK066		66 '3641335_/_3648346'		2.9	7.6	10	0.616	10	10	2.67 No	0.616 Thermal Discharging
RLK066		67 '3640496_/_3641373'		2.9	7.6	10	0.616	10	10	2.67 No	0.616 Thermal Discharging
RLK066		68 '3641336_/_3641350_1'		2.9	7.6	10	0.616	1.5	10	2.67 No	0.616 Thermal Discharging
RLK066		69 '3669468_/_8221902_2'		0.93	2.53	3.33	0.208	0.8	3.33	0.89 No	0.208 Thermal Discharging
RLK066		70 '3640495_/_3640509_2'		0.97	2.53	3.33	0.208	1.5	3.33	0.89 No	0.208 Thermal Discharging
RLK066		71 '7268999_/_7268997_1'		0.97	2.53	3.33	0.208	0.5	3.33	0.89 No	0.208 Thermal Discharging
RLK066		72 '3642049_/_3642046'		2.7	7.6	10	0.616	10	10	2.67 No	0.616 Thermal Discharging
RLK066		73 '3639928_/_3640522'		2.8	7.4	10	0.616	10	10	2.67 No	0.616 Thermal Discharging
RLK066		74 '7269000_/_7268997_2'		0.97	2.47	3.33	0.208	0.5	3.33	0.89 No	0.208 Thermal Discharging
RLK066		75 '7268671_/_7268669_1'		0.93	2.47	3.33	0.208	0.5	3.33	0.89 No	0.208 Thermal Discharging
RLK066		76 '3642066_/_3642063'		2.7	7.5	10	0.616	10	10	2.67 No	0.616 Thermal Discharging
RLK066		77 '3631266_/_3631263_2'		0.93	2.47	3.33	0.208	0.5	3.33	0.89 No	0.208 Thermal Discharging
RLK066		78 '3642083_/_3642080'		2.6	7.4	10	0.616	10	9.98	2.67 No	0.616 Thermal Discharging
RLK066		79 '43355489_/_3639925'		2.8	7.2	10	0.616	10	9.97	2.67 No	0.616 Thermal Discharging
RLK066		80 '43355513_/_3642097'		2.6	7.3	10	0.616	10	9.84	2.67 No	0.616 Thermal Discharging
RLK066		81 '3639891_/_3639905'		2.7	7.1	10	0.616	10	9.81	2.67 No	0.616 Thermal Discharging
RLK066		82 '3642117_/_43355515'		2.5	7.2	10	0.616	10	9.71	2.67 No	0.616 Thermal Discharging
RLK066		83 '43355454_/_3639888'		2.7	7	10	0.616	10	9.69	2.67 No	0.616 Thermal Discharging
RLK066		84 '91080299_/_91080098'		2.7	6.9	10	0.616	10	9.59	2.67 No	0.616 Thermal Discharging
RLK066		85 '3631430_/_3642131'		2.5	7.1	10	0.616	10	9.57	2.67 No	0.616 Thermal Discharging
RLK066		86 '3639857_/_3639871'		2.7	6.9	10	0.616	10	9.56	2.67 No	0.616 Thermal Discharging
RLK066		87 '3632083_/_3641350_2'		2.6	6.9	10	0.616	1.5	9.74	2.67 No	0.616 Thermal Discharging
RLK066		88 '3631311_/_3631308'		0.87	2.33	3.33	0.208	0.5	3.26	0.89 No	0.208 Thermal Discharging
RLK066		89 '43359308_/_3648218'		2.5	7	10	0.616	10	9.5	2.67 No	0.616 Thermal Discharging
RLK066		90 '91080778_/_91080183'		2.6	6.8	10	0.616	10	9.49	2.67 No	0.616 Thermal Discharging
RLK066		91 '3640511_/_3640509_1'		0.97	2.27	3.33	0.208	0.5	3.2	0.89 No	0.208 Thermal Discharging
RLK066		92 '91080313_/_91080247_1'		0.87	2.23	3.33	0.208	0.5	3.16	0.89 No	0.208 Thermal Discharging
RLK066		93 '3648241_/_3648238'		2.4	7	10	0.616	10	9.44	2.67 No	0.616 Thermal Discharging
RLK066		94 '3631431_/_3631441_1'		0.83	2.3	3.33	0.208	0.8	3.15	0.89 No	0.208 Thermal Discharging
RLK066		95 '91080491_/_91080220'		2.6	6.7	10	0.616	10	9.39	2.67 No	0.616 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RLK066	96	'8216016_/_8216014_1'	0.8	2.33	3.33	0.208	0.5	3.13	0.89 No	0.208	Thermal Discharging
RLK066	97	'86186178_/_7786895_3'	2.6	6.7	10	0.616	10	9.38	2.67 No	0.616	Thermal Discharging
RLK066	98	'3642150_/_3648255'	2.4	6.9	10	0.616	10	9.34	2.67 No	0.616	Thermal Discharging
RLK066	99	'102132970_/_91080326_2'	0.9	2.2	3.33	0.208	1.8	3.13	0.89 No	0.208	Thermal Discharging
RLK066	100	'3642151_/_3642148'	2.4	6.8	10	0.616	10	9.25	2.67 No	0.616	Thermal Discharging
RLK066	101	'102132893_/_91080386_2'	0.87	2.17	3.33	0.208	1.4	3.09	0.89 No	0.208	Thermal Discharging
RLK066	102	'3642168_/_3642165'	2.3	6.7	10	0.616	10	9.16	2.67 No	0.616	Thermal Discharging
RLK066	103	'91080690_/_91080559'	0.83	2.13	3.33	0.208	1.5	3.05	0.89 No	0.208	Thermal Discharging
RLK066	104	'3642185_/_3642182'	2.3	6.7	10	0.616	10	9.06	2.67 No	0.616	Thermal Discharging
RLK066	105	'3642202_/_3642199'	2.3	6.6	10	0.616	10	8.99	2.67 No	0.616	Thermal Discharging
RLK066	106	'86186191_/_7786895_2'	2.5	6.3	10	0.616	10	9.04	2.67 No	0.616	Thermal Discharging
RLK066	107	'7272329_/_8221902_1'	0.8	2.17	3.33	0.208	0.5	3.11	0.89 No	0.208	Thermal Discharging
RLK066	108	'5590608_/_7786895_1'	2.5	6.3	10	0.616	10	9.02	2.67 No	0.616	Thermal Discharging
RLK066	109	'7583411_/_7584052_1'	0.77	2.2	3.33	0.208	0.5	3	0.89 No	0.208	Thermal Discharging
RLK066	110	'68926181_/_7075426'	2.5	6.2	10	0.616	10	8.97	2.67 No	0.616	Thermal Discharging
RLK066	111	'43355614_/_3642216'	2.3	6.5	10	0.616	10	8.91	2.67 No	0.616	Thermal Discharging
RLK066	112	'3631444_/_3631441_2'	0.83	2.17	3.33	0.208	0.8	3.02	0.89 No	0.208	Thermal Discharging
RLK066	113	'357045524_/_5590605'	2.5	6.2	10	0.616	10	8.96	2.67 No	0.616	Thermal Discharging
RLK066	114	'357045375_/_357045521'	2.5	6.2	10	0.616	10	8.91	2.67 No	0.616	Thermal Discharging
RLK066	115	'357045270_/_357045372'	2.4	6.1	10	0.616	10	8.82	2.67 No	0.616	Thermal Discharging
RLK066	116	'43355526_/_3631324'	0.77	2.1	3.33	0.208	0.5	3.05	0.89 No	0.208	Thermal Discharging
RLK066	117	'3667796_/_43355616'	2.2	6.4	10	0.616	10	8.76	2.67 No	0.616	Thermal Discharging
RLK066	118	'7272330_/_7272327'	0.77	2.1	3.33	0.208	0.5	3.05	0.89 No	0.208	Thermal Discharging
RLK066	119	'357045250_/_357045267'	2.4	6	10	0.616	10	8.75	2.67 No	0.616	Thermal Discharging
RLK066	120	'3667830_/_3667827'	2.2	6.4	10	0.616	10	8.72	2.67 No	0.616	Thermal Discharging
RLK066	121	'357679460_/_357045681_2'	0.83	2.03	3.33	0.208	1.4	2.93	0.89 No	0.208	Thermal Discharging
RLK066	122	'3667812_/_3667844'	2.2	6.4	10	0.616	10	8.68	2.67 No	0.616	Thermal Discharging
RLK066	123	'357045050_/_357045247'	2.4	6	10	0.616	10	8.69	2.67 No	0.616	Thermal Discharging
RLK066	124	'7814575_/_8531086_2'	2.2	6.4	10	0.616	5.4	8.68	2.67 No	0.616	Thermal Discharging
RLK066	125	'357679573_/_357045320_2'	0.8	2	3.33	0.208	1.4	2.91	0.89 No	0.208	Thermal Discharging
RLK066	126	'357045030_/_357045047'	2.4	5.9	10	0.616	10	8.63	2.67 No	0.616	Thermal Discharging
RLK066	127	'3647124_/_3667810'	2.2	6.3	10	0.616	10	8.59	2.67 No	0.616	Thermal Discharging
RLK066	128	'430213491_/_430213493'	2.4	5.9	10	0.616	10	8.57	2.67 No	0.616	Thermal Discharging
RLK066	129	'357044725_/_357045027'	2.4	5.9	10	0.616	10	8.56	2.67 No	0.616	Thermal Discharging
RLK066	130	'357679268_/_357045169_2'	0.8	1.97	3.33	0.208	1.8	2.87	0.89 No	0.208	Thermal Discharging
RLK066	131	'357044705_/_357044722'	2.4	5.9	10	0.616	10	8.53	2.67 No	0.616	Thermal Discharging
RLK066	132	'7584039_/_7904725_1'	0.73	2.1	3.33	0.208	0.5	2.85	0.89 No	0.208	Thermal Discharging
RLK066	133	'3640732_/_3647122'	2.1	6.2	10	0.616	10	8.52	2.67 No	0.616	Thermal Discharging
RLK066	134	'453541449_/_453541391_2'	2.4	5.9	10	0.616	5.5	8.52	2.67 No	0.616	Thermal Discharging
RLK066	135	'430213564_/_430213536_1'	2.3	5.8	10	0.616	1.5	8.52	2.67 No	0.616	Thermal Discharging
RLK066	136	'357044663_/_357044702'	2.3	5.8	10	0.616	10	8.48	2.67 No	0.616	Thermal Discharging
RLK066	137	'86555299_/_91251845_1'	0.73	2.07	3.33	0.208	0.5	2.84	0.89 No	0.208	Thermal Discharging
RLK066	138	'7269071_/_7269069_1'	0.7	2.07	3.33	0.208	0.5	2.82	0.89 No	0.208	Thermal Discharging
RLK066	139	'357044491_/_357044660'	2.3	5.8	10	0.616	10	8.42	2.67 No	0.616	Thermal Discharging
RLK066	140	'3640733_/_7905411_2'	0.7	2.07	3.33	0.208	1.8	2.82	0.89 No	0.208	Thermal Discharging
RLK066	141	'3647142_/_3647139'	2.1	6.2	10	0.616	10	8.43	2.67 No	0.616	Thermal Discharging
RLK066	142	'357044116_/_357044488'	2.3	5.7	10	0.616	10	8.32	2.67 No	0.616	Thermal Discharging
RLK066	143	'43359029_/_3647304'	2.1	6.1	10	0.616	10	8.34	2.67 No	0.616	Thermal Discharging
RLK066	144	'357044096_/_357044113'	2.3	5.7	10	0.616	10	8.27	2.67 No	0.616	Thermal Discharging
RLK066	145	'3631457_/_3631454'	0.83	2	3.33	0.208	0.8	2.85	0.89 No	0.208	Thermal Discharging
RLK066	146	'357045089_/_357045169_1'	0.8	1.9	3.33	0.208	0.5	2.8	0.89 No	0.208	Thermal Discharging
RLK066	147	'357044012_/_357044093'	2.3	5.7	10	0.616	10	8.23	2.67 No	0.616	Thermal Discharging
RLK066	148	'357679538_/_357044626_2'	0.77	1.9	3.33	0.208	1.8	2.76	0.89 No	0.208	Thermal Discharging
RLK066	149	'7268672_/_7268669_2'	0.87	1.93	3.33	0.208	0.5	2.88	0.89 No	0.208	Thermal Discharging
RLK066	150	'357045647_/_357045681_1'	0.8	1.9	3.33	0.208	0.5	2.82	0.89 No	0.208	Thermal Discharging
RLK066	151	'3641460_/_43359031'	2.1	6	10	0.616	10	8.24	2.67 No	0.616	Thermal Discharging
RLK066	152	'356406563_/_357044009'	2.3	5.6	10	0.616	10	8.18	2.67 No	0.616	Thermal Discharging
RLK066	153	'357679487_/_357043929_1'	2.3	5.6	10	0.616	10	8.16	2.67 No	0.616	Thermal Discharging
RLK066	154	'3631340_/_3631337'	0.7	1.97	3.33	0.208	0.5	2.89	0.89 No	0.208	Thermal Discharging
RLK066	155	'7259774_/_91080326_1'	0.77	1.9	3.33	0.208	0.5	2.83	0.89 No	0.208	Thermal Discharging
RLK066	156	'357679448_/_357044064_1'	0.77	1.87	3.33	0.208	0.5	2.72	0.89 No	0.208	Thermal Discharging
RLK066	157	'3641512_/_3647287'	2	6	10	0.616	10	8.15	2.67 No	0.616	Thermal Discharging
RLK066	158	'3641461_/_3641476_1'	1.33	3.93	6.67	0.408	1	5.45	1.78 No	0.408	Thermal Discharging
RLK066	159	'356406294_/_356406560'	0.73	1.83	3.33	0.208	1.5	2.7	0.89 No	0.208	Thermal Discharging
RLK066	160	'356406578_/_357043929_2'	2.2	5.5	10	0.616	10	8.09	2.67 No	0.616	Thermal Discharging
RLK066	161	'3666537_/_3666597'	2	5.9	10	0.616	10	8.07	2.67 No	0.616	Thermal Discharging
RLK066	162	'7271870_/_8216014_2'	0.67	1.93	3.33	0.208	0.5	2.79	0.89 No	0.208	Thermal Discharging
RLK066	163	'3641496_/_3641494_1'	0.67	1.97	3.33	0.208	0.5	2.69	0.89 No	0.208	Thermal Discharging
RLK066	164	'432783519_/_3666564_1'	0.67	1.97	3.33	0.208	0.8	2.68	0.89 No	0.208	Thermal Discharging
RLK066	165	'3631660_/_3641476_2'	1.33	3.87	6.67	0.408	1	5.38	1.78 No	0.408	Thermal Discharging
RLK066	166	'357679530_/_356406291_2'	0.73	1.8	3.33	0.208	1.5	2.66	0.89 No	0.208	Thermal Discharging
RLK066	167	'9162696_/_91080386_1'	0.83	1.87	3.33	0.208	0.5	2.77	0.89 No	0.208	Thermal Discharging
RLK066	168	'3642235_/_3666580'	2	5.8	10	0.616	10	7.98	2.67 No	0.616	Thermal Discharging
RLK066	169	'3666538_/_3666548_1'	0.67	1.93	3.33	0.208	0.5	2.66	0.89 No	0.208	Thermal Discharging
RLK066	170	'627233306_/_3631350'	0.67	1.87	3.33	0.208	0.5	2.81	0.89 No	0.208	Thermal Discharging
RLK066	171	'43355627_/_3642233'	1.9	5.8	10	0.616	10	7.9	2.67 No	0.616	Thermal Discharging
RLK066	172	'44362010_/_357045653'	0.77	1.8	3.33	0.208	0.5	2.71	0.89 No	0.208	Thermal Discharging
RLK066	173	'357044529_/_357044626_1'	0.77	1.77	3.33	0.208	0.5	2.65	0.89 No	0.208	Thermal Discharging
RLK066	174	'5581402_/_357044064_2'	0.77	1.77	3.33	0.208	0.5	2.62	0.89 No	0.208	Thermal Discharging
RLK066	175	'43356510_/_3666564_2'	0.67	1.9	3.33	0.208	0.8	2.62	0.89 No	0.208	Thermal Discharging
RLK066	176	'3632084_/_3632081'	2	5.5	10	0.616	1.5	8.39	2.67 No	0.616	Thermal Discharging
RLK066	177	'657211018_/_5581400'	0.77	1.77	3.33	0.208	0.5	2.62	0.89 No	0.208	Thermal Discharging
RLK066	178	'3631353_/_627233310'	0.67	1.87	3.33	0.208	0.5	2.77	0.89 No	0.208	Thermal Discharging
RLK066	179	'3631470_/_3631467'	0.8	1.87	3.33	0.208	0.8	2.71	0.89 No	0.208	Thermal Discharging
RLK066	180	'5581403_/_657211022'	0.77	1.77	3.33	0.208	0.5	2.62	0.89 No	0.208	Thermal Discharging
RLK066	181	'3642253_/_43355629'	1.9	5.7	10	0.616	10	7.81	2.67 No	0.616	Thermal Discharging
RLK066	182	'657211053_/_5594449'	0.77	1.77	3.33	0.208	0.5	2.61	0.89 No	0.208	Thermal Discharging
RLK066	183	'356406225_/_356406291_1'	0.7	1.77	3.33	0.208	0.5	2.61	0.89 No	0.208	Thermal Discharging
RLK066	184	'453541320_/_453541391_1'	2.1	5.3	10	0.616	1.6	7.94	2.67 No	0.616	Thermal Discharging
RLK066	185	'43361863_/_3666495'	1.9	5.7	10	0.616	10	7.76	2.67 No	0.616	Thermal Discharging
RLK066	186	'43359018_/_3641494_2'	0.67	1.87	3.33	0.208	0.5	2.61	0.89 No	0.208	Thermal Discharging
RLK066	187	'7407013_/_357045320_1'	0.73	1.77	3.33	0.208	0.5	2.65	0.89 No	0.208	Thermal Discharging
RLK066	188	'3641853_/_43361865'	1.9	5.6	10	0.616	10	7.7	2.67 No	0.616	Thermal Discharging
RLK066	189	'3649043_/_8530306_3'	1.9	5.6	10	0.616	10	7.69	2.67 No	0.616	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over- Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RLK066	190	'37697561_/7584052_2'		0.63	1.83	3.33	0.208	0.5	2.66	0.89 No	0.208 Thermal Discharging
RLK066	191	'37697534_/37697559'		0.63	1.83	3.33	0.208	0.5	2.66	0.89 No	0.208 Thermal Discharging
RLK066	192	'37697541_/37697545'		0.63	1.83	3.33	0.208	0.5	2.66	0.89 No	0.208 Thermal Discharging
RLK066	193	'37697554_/37697552'		0.63	1.83	3.33	0.208	0.5	2.66	0.89 No	0.208 Thermal Discharging
RLK066	194	'400152230_/400152227'		0.63	1.83	3.33	0.208	0.5	2.66	0.89 No	0.208 Thermal Discharging
RLK066	195	'3631379_/3631376'		0.63	1.8	3.33	0.208	0.5	2.73	0.89 No	0.208 Thermal Discharging
RLK066	196	'43355603_/3631558'		0.77	1.8	3.33	0.208	0.8	2.66	0.89 No	0.208 Thermal Discharging
RLK066	197	'7559691_/9166666'		0.63	1.8	3.33	0.208	0.5	2.73	0.89 No	0.208 Thermal Discharging
RLK066	198	'7407112_/357045095'		0.73	1.73	3.33	0.208	0.5	2.62	0.89 No	0.208 Thermal Discharging
RLK066	199	'9162488_/91080247_2'		0.67	1.77	3.33	0.208	0.5	2.66	0.89 No	0.208 Thermal Discharging
RLK066	200	'356406178_/356406222'		0.67	1.7	3.33	0.208	0.5	2.55	0.89 No	0.208 Thermal Discharging
RLK066	201	'383188612_/383188609'		0.67	1.7	3.33	0.208	0.5	2.54	0.89 No	0.208 Thermal Discharging
RLK066	202	'43361876_/3666548_2'		0.67	1.83	3.33	0.208	0.5	2.56	0.89 No	0.208 Thermal Discharging
RLK066	203	'3666567_/43356512'		0.67	1.83	3.33	0.208	0.5	2.55	0.89 No	0.208 Thermal Discharging
RLK066	204	'383188647_/356406539_2'		0.67	1.7	3.33	0.208	0.5	2.54	0.89 No	0.208 Thermal Discharging
RLK066	205	'7407029_/7720122_2'		2	5	10	0.616	10	7.56	2.67 No	0.616 Thermal Discharging
RLK066	206	'5581285_/7720122_1'		2	5	10	0.616	10	7.56	2.67 No	0.616 Thermal Discharging
RLK066	207	'43355537_/3631363'		0.63	1.77	3.33	0.208	0.5	2.68	0.89 No	0.208 Thermal Discharging
RLK066	208	'3631561_/43355605'		0.77	1.77	3.33	0.208	0.8	2.61	0.89 No	0.208 Thermal Discharging
RLK066	209	'7269072_/7269069_2'		0.73	1.77	3.33	0.208	0.5	2.56	0.89 No	0.208 Thermal Discharging
RLK066	210	'5591589_/5591586'		2	5	10	0.616	10	7.51	2.67 No	0.616 Thermal Discharging
RLK066	211	'43355548_/3631389'		0.63	1.73	3.33	0.208	0.5	2.65	0.89 No	0.208 Thermal Discharging
RLK066	212	'8215607_/8215604'		0.6	1.77	3.33	0.208	0.5	2.58	0.89 No	0.208 Thermal Discharging
RLK066	213	'3641497_/43359020'		0.67	1.77	3.33	0.208	0.5	2.52	0.89 No	0.208 Thermal Discharging
RLK066	214	'91251840_/91251845_2'		0.7	1.77	3.33	0.208	0.5	2.55	0.89 No	0.208 Thermal Discharging
RLK066	215	'5591198_/5591603'		2	4.9	10	0.616	10	7.42	2.67 No	0.616 Thermal Discharging
RLK066	216	'356406177_/356406175'		0.67	1.67	3.33	0.208	0.5	2.49	0.89 No	0.208 Thermal Discharging
RLK066	217	'8846439_/8846437'		0.73	1.7	3.33	0.208	0.5	2.61	0.89 No	0.208 Thermal Discharging
RLK066	218	'356406408_/356406539_1'		0.63	1.67	3.33	0.208	0.3	2.48	0.89 No	0.208 Thermal Discharging
RLK066	219	'5591199_/5591196'		2	4.9	10	0.616	10	7.34	2.67 No	0.616 Thermal Discharging
RLK066	220	'43741471_/657211057'		0.7	1.63	3.33	0.208	0.5	2.48	0.89 No	0.208 Thermal Discharging
RLK066	221	'7407096_/7407094_1'		0.67	1.63	3.33	0.208	0.5	2.45	0.89 No	0.208 Thermal Discharging
RLK066	222	'6514113_/7099326'		2	4.8	10	0.616	10	7.26	2.67 No	0.616 Thermal Discharging
RLK066	223	'7559692_/7559689'		0.6	1.7	3.33	0.208	0.5	2.59	0.89 No	0.208 Thermal Discharging
RLK066	224	'43741436_/43741438'		1.9	4.8	10	0.616	4.7	7.29	2.67 No	0.616 Thermal Discharging
RLK066	225	'6514114_/6514111'		1.9	4.8	10	0.616	10	7.19	2.67 No	0.616 Thermal Discharging
RLK066	226	'3666551_/43361878'		0.67	1.7	3.33	0.208	0.5	2.44	0.89 No	0.208 Thermal Discharging
RLK066	227	'43741460_/43741473'		0.7	1.6	3.33	0.208	0.5	2.43	0.89 No	0.208 Thermal Discharging
RLK066	228	'3631661_/3631658'		1.13	3.4	6.67	0.408	1	4.89	1.78 No	0.408 Thermal Discharging
RLK066	229	'6514131_/6514128'		1.9	4.7	10	0.616	10	7.14	2.67 No	0.616 Thermal Discharging
RLK066	230	'3631252_/43355539'		0.6	1.67	3.33	0.208	0.5	2.55	0.89 No	0.208 Thermal Discharging
RLK066	231	'6510382_/6514148'		1.9	4.7	10	0.616	10	7.12	2.67 No	0.616 Thermal Discharging
RLK066	232	'3631482_/3631545'		0.73	1.67	3.33	0.208	0.8	2.5	0.89 No	0.208 Thermal Discharging
RLK066	233	'5594465_/7719664_2'		0.7	1.6	3.33	0.208	0.5	2.41	0.89 No	0.208 Thermal Discharging
RLK066	234	'7584071_/7584068'		0.57	1.67	3.33	0.208	0.5	2.48	0.89 No	0.208 Thermal Discharging
RLK066	235	'8529448_/8531086_1'		1.7	5	10	0.616	1.5	7.37	2.67 No	0.616 Thermal Discharging
RLK066	236	'55166543_/8530306_2'		1.7	5.1	10	0.616	10	7.11	2.67 No	0.616 Thermal Discharging
RLK066	237	'6514168_/6514165'		1.9	4.7	10	0.616	10	7.06	2.67 No	0.616 Thermal Discharging
RLK066	238	'430213517_/430213536_2'		1.8	4.7	10	0.616	1.5	7.31	2.67 No	0.616 Thermal Discharging
RLK066	239	'3631405_/43355550'		0.57	1.63	3.33	0.208	0.5	2.52	0.89 No	0.208 Thermal Discharging
RLK066	240	'506312154_/506312078_2'		0.7	1.63	3.33	0.208	0.8	2.47	0.89 No	0.208 Thermal Discharging
RLK066	241	'43930177_/6514185'		1.9	4.6	10	0.616	10	7	2.67 No	0.616 Thermal Discharging
RLK066	242	'426326477_/426326479'		1.9	4.6	10	0.616	10	6.98	2.67 No	0.616 Thermal Discharging
RLK066	243	'7271869_/7271867'		0.57	1.63	3.33	0.208	0.5	2.46	0.89 No	0.208 Thermal Discharging
RLK066	244	'6514204_/43930179'		1.9	4.6	10	0.616	10	6.97	2.67 No	0.616 Thermal Discharging
RLK066	245	'409850693_/3631415'		0.57	1.63	3.33	0.208	0.5	2.5	0.89 No	0.208 Thermal Discharging
RLK066	246	'7720301_/357044516'		0.67	1.57	3.33	0.208	0.5	2.4	0.89 No	0.208 Thermal Discharging
RLK066	247	'6514097_/6514202'		1.9	4.6	10	0.616	10	6.93	2.67 No	0.616 Thermal Discharging
RLK066	248	'7902960_/7904725_2'		0.7	1.63	3.33	0.208	0.5	2.4	0.89 No	0.208 Thermal Discharging
RLK066	249	'43930245_/6510380'		0.63	1.53	3.33	0.208	1.1	2.32	0.89 No	0.208 Thermal Discharging
RLK066	250	'3631253_/3631250'		0.57	1.6	3.33	0.208	0.5	2.48	0.89 No	0.208 Thermal Discharging
RLK066	251	'3631483_/3631480'		0.7	1.6	3.33	0.208	0.8	2.43	0.89 No	0.208 Thermal Discharging
RLK066	252	'409850794_/409850774_1'		0.57	1.6	3.33	0.208	0.3	2.48	0.89 No	0.208 Thermal Discharging
RLK066	253	'5593024_/5593118'		0.6	1.53	3.33	0.208	0.5	2.34	0.89 No	0.208 Thermal Discharging
RLK066	254	'5581284_/5581282'		1.8	4.6	10	0.616	1.5	7.03	2.67 No	0.616 Thermal Discharging
RLK066	255	'7902349_/7902347_1'		0.7	1.6	3.33	0.208	0.3	2.42	0.89 No	0.208 Thermal Discharging
RLK066	256	'7905414_/7905411_1'		0.63	1.6	3.33	0.208	0.5	2.38	0.89 No	0.208 Thermal Discharging
RLK066	257	'127845660_/5593076_1'		0.6	1.53	3.33	0.208	0.3	2.33	0.89 No	0.208 Thermal Discharging
RLK066	258	'8163172_/8527471'		0.67	1.63	3.33	0.208	0.5	2.35	0.89 No	0.208 Thermal Discharging
RLK066	259	'7407097_/7407094_2'		0.67	1.5	3.33	0.208	0.5	2.32	0.89 No	0.208 Thermal Discharging
RLK066	260	'6514080_/6514094'		1.8	4.5	10	0.616	10	6.82	2.67 No	0.616 Thermal Discharging
RLK066	261	'61696982_/3641851_1'		0.53	1.63	3.33	0.208	0.5	2.3	0.89 No	0.208 Thermal Discharging
RLK066	262	'6510127_/43930247_1'		0.63	1.5	3.33	0.208	0.5	2.28	0.89 No	0.208 Thermal Discharging
RLK066	263	'127846910_/5593076_2'		0.6	1.53	3.33	0.208	0.3	2.31	0.89 No	0.208 Thermal Discharging
RLK066	264	'43931375_/43930247_2'		0.63	1.5	3.33	0.208	0.5	2.28	0.89 No	0.208 Thermal Discharging
RLK066	265	'43356532_/3641851_2'		0.53	1.6	3.33	0.208	0.5	2.29	0.89 No	0.208 Thermal Discharging
RLK066	266	'6514063_/6514077'		1.8	4.4	10	0.616	10	6.72	2.67 No	0.616 Thermal Discharging
RLK066	267	'8221977_/8529445'		1.6	4.7	10	0.616	1.5	7.06	2.67 No	0.616 Thermal Discharging
RLK066	268	'6509724_/6510396_1'		0.6	1.47	3.33	0.208	0.5	2.26	0.89 No	0.208 Thermal Discharging
RLK066	269	'3641304_/3641288'		0.53	1.57	3.33	0.208	0.5	2.41	0.89 No	0.208 Thermal Discharging
RLK066	270	'6514046_/6514060'		1.8	4.4	10	0.616	10	6.69	2.67 No	0.616 Thermal Discharging
RLK066	271	'7902943_/7902941'		0.67	1.57	3.33	0.208	0.5	2.33	0.89 No	0.208 Thermal Discharging
RLK066	272	'506312062_/506312078_1'		0.67	1.53	3.33	0.208	0.3	2.36	0.89 No	0.208 Thermal Discharging
RLK066	273	'409850755_/409850774_2'		0.53	1.53	3.33	0.208	0.3	2.4	0.89 No	0.208 Thermal Discharging
RLK066	274	'6514045_/6514043'		1.8	4.3	10	0.616	10	6.65	2.67 No	0.616 Thermal Discharging
RLK066	275	'5593079_/5593076_3'		0.57	1.5	3.33	0.208	0.3	2.27	0.89 No	0.208 Thermal Discharging
RLK066	276	'43931331_/6510396_2'		0.6	1.47	3.33	0.208	0.5	2.24	0.89 No	0.208 Thermal Discharging
RLK066	277	'7884394_/8086667_1'		1.2	2.93	6.67	0.408	1	4.43	1.78 No	0.408 Thermal Discharging
RLK066	278	'43932314_/43932316'		1.8	4.3	10	0.616	10	6.6	2.67 No	0.616 Thermal Discharging
RLK066	279	'6957995_/69580002'		0.57	1.47	3.33	0.208	0.3	2.27	0.89 No	0.208 Thermal Discharging
RLK066	280	'7151312_/5593021'		0.57	1.47	3.33	0.208	0.5	2.24	0.89 No	0.208 Thermal Discharging
RLK066	281	'3631496_/3631493'		0.67	1.5	3.33	0.208	0.8	2.32	0.89 No	0.208 Thermal Discharging
RLK066	282	'467232174_/453541339_1'		1.7	4.4	10	0.616	1.6	6.88	2.67 No	0.616 Thermal Discharging
RLK066	283	'6510879_/6510913'		1.8	4.3	10	0.616	10	6.53	2.67 No	0.616 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RLK066	284	'6510880_/_6510877'	0.6	1.43	3.33	0.208	1.5	2.17	0.89 No	0.208	Thermal Discharging
RLK066	285	'43359007_/_3641317'	0.53	1.5	3.33	0.208	0.5	2.35	0.89 No	0.208	Thermal Discharging
RLK066	286	'3632101_/_3632098'	1.6	4.5	10	0.616	1.5	7.18	2.67 No	0.616	Thermal Discharging
RLK066	287	'6510895_/_6510893'	1.8	4.2	10	0.616	10	6.49	2.67 No	0.616	Thermal Discharging
RLK066	288	'6518379_/_6518376'	0.57	1.4	3.33	0.208	1.5	2.17	0.89 No	0.208	Thermal Discharging
RLK066	289	'43931342_/_43931333'	0.57	1.43	3.33	0.208	0.5	2.19	0.89 No	0.208	Thermal Discharging
RLK066	290	'7719667_/_7719664_1'	0.6	1.43	3.33	0.208	0.3	2.24	0.89 No	0.208	Thermal Discharging
RLK066	291	'455287798_/_8850171'	0.53	1.5	3.33	0.208	0.5	2.35	0.89 No	0.208	Thermal Discharging
RLK066	292	'7268608_/_7906095'	0.5	1.5	3.33	0.208	0.5	2.3	0.89 No	0.208	Thermal Discharging
RLK066	293	'7884362_/_9658856_1'	0.57	1.4	3.33	0.208	0.5	2.15	0.89 No	0.208	Thermal Discharging
RLK066	294	'43930076_/_43930078'	1.7	4.2	10	0.616	10	6.44	2.67 No	0.616	Thermal Discharging
RLK066	295	'3631676_/_3631673'	1	3	6.67	0.408	1	4.49	1.78 No	0.408	Thermal Discharging
RLK066	296	'49224996_/_7151309'	0.57	1.43	3.33	0.208	0.5	2.21	0.89 No	0.208	Thermal Discharging
RLK066	297	'5581271_/_5593102'	0.57	1.43	3.33	0.208	0.3	2.21	0.89 No	0.208	Thermal Discharging
RLK066	298	'455287836_/_455287873'	0.53	1.47	3.33	0.208	0.5	2.34	0.89 No	0.208	Thermal Discharging
RLK066	299	'7407113_/_7407110'	0.6	1.43	3.33	0.208	0.5	2.26	0.89 No	0.208	Thermal Discharging
RLK066	300	'7766115_/_7766113_1'	0.57	1.4	3.33	0.208	0.5	2.15	0.89 No	0.208	Thermal Discharging
RLK066	301	'43931386_/_43931377'	0.63	1.4	3.33	0.208	0.5	2.18	0.89 No	0.208	Thermal Discharging
RLK066	302	'5593092_/_5593089'	0.53	1.43	3.33	0.208	0.3	2.2	0.89 No	0.208	Thermal Discharging
RLK066	303	'6518365_/_6518363'	0.57	1.4	3.33	0.208	1.5	2.14	0.89 No	0.208	Thermal Discharging
RLK066	304	'6513995_/_6514009'	1.7	4.1	10	0.616	10	6.37	2.67 No	0.616	Thermal Discharging
RLK066	305	'127845631_/_8751224_1'	0.53	1.43	3.33	0.208	0.3	2.19	0.89 No	0.208	Thermal Discharging
RLK066	306	'7719682_/_7719680'	1.7	4.2	10	0.616	1.5	6.62	2.67 No	0.616	Thermal Discharging
RLK066	307	'6509737_/_43931344'	0.57	1.4	3.33	0.208	0.5	2.16	0.89 No	0.208	Thermal Discharging
RLK066	308	'455287760_/_455287855'	0.53	1.47	3.33	0.208	0.5	2.32	0.89 No	0.208	Thermal Discharging
RLK066	309	'3641320_/_43359009'	0.5	1.47	3.33	0.208	0.3	2.3	0.89 No	0.208	Thermal Discharging
RLK066	310	'8043730_/_8043728'	0.57	1.43	3.33	0.208	0.5	2.24	0.89 No	0.208	Thermal Discharging
RLK066	311	'6513978_/_6513992'	1.7	4.1	10	0.616	10	6.32	2.67 No	0.616	Thermal Discharging
RLK066	312	'602100135_/_602100139'	1.7	4.1	10	0.616	10	6.32	2.67 No	0.616	Thermal Discharging
RLK066	313	'7452122_/_7452120_1'	0.57	1.37	3.33	0.208	0.5	2.11	0.89 No	0.208	Thermal Discharging
RLK066	314	'602100109_/_602100167'	1.7	4.1	10	0.616	10	6.3	2.67 No	0.616	Thermal Discharging
RLK066	315	'9031803_/_9031801_1'	0.57	1.37	3.33	0.208	0.5	2.11	0.89 No	0.208	Thermal Discharging
RLK066	316	'3631509_/_3631506'	0.63	1.47	3.33	0.208	0.8	2.25	0.89 No	0.208	Thermal Discharging
RLK066	317	'602100053_/_602100106'	1.7	4.1	10	0.616	10	6.28	2.67 No	0.616	Thermal Discharging
RLK066	318	'6513944_/_602100086'	1.7	4.1	10	0.616	10	6.27	2.67 No	0.616	Thermal Discharging
RLK066	319	'91251894_/_91251919'	0.57	1.47	3.33	0.208	0.5	2.21	0.89 No	0.208	Thermal Discharging
RLK066	320	'43930063_/_6513941'	1.7	4	10	0.616	10	6.24	2.67 No	0.616	Thermal Discharging
RLK066	321	'3633654_/_43356534'	0.47	1.47	3.33	0.208	0.5	2.14	0.89 No	0.208	Thermal Discharging
RLK066	322	'8043851_/_8043848'	0.57	1.4	3.33	0.208	0.5	2.19	0.89 No	0.208	Thermal Discharging
RLK066	323	'6513910_/_6513924'	1.7	4	10	0.616	10	6.21	2.67 No	0.616	Thermal Discharging
RLK066	324	'8984600_/_9611521'	0.57	1.4	3.33	0.208	0.5	2.2	0.89 No	0.208	Thermal Discharging
RLK066	325	'6509738_/_6509735'	0.53	1.37	3.33	0.208	0.5	2.11	0.89 No	0.208	Thermal Discharging
RLK066	326	'454699526_/_6517524_1'	1.7	4	10	0.616	1.5	6.19	2.67 No	0.616	Thermal Discharging
RLK066	327	'7452123_/_7452120_2'	0.57	1.33	3.33	0.208	0.5	2.08	0.89 No	0.208	Thermal Discharging
RLK066	328	'6505729_/_6513907'	1.7	4	10	0.616	10	6.16	2.67 No	0.616	Thermal Discharging
RLK066	329	'7268607_/_7268605'	0.5	1.43	3.33	0.208	0.5	2.22	0.89 No	0.208	Thermal Discharging
RLK066	330	'7766116_/_7766113_2'	0.53	1.33	3.33	0.208	0.5	2.08	0.89 No	0.208	Thermal Discharging
RLK066	331	'6505201_/_6505198_2'	1.7	4	10	0.616	3.5	6.16	2.67 No	0.616	Thermal Discharging
RLK066	332	'7583991_/_9163215'	0.6	1.43	3.33	0.208	0.5	2.18	0.89 No	0.208	Thermal Discharging
RLK066	333	'43930050_/_6517598'	1.7	4	10	0.616	10	6.14	2.67 No	0.616	Thermal Discharging
RLK066	334	'454955475_/_6517524_2'	1.6	4	10	0.616	1.5	6.14	2.67 No	0.616	Thermal Discharging
RLK066	335	'43930037_/_43930039'	1.6	3.9	10	0.616	10	6.1	2.67 No	0.616	Thermal Discharging
RLK066	336	'5581272_/_5581269'	0.53	1.37	3.33	0.208	0.3	2.12	0.89 No	0.208	Thermal Discharging
RLK066	337	'43930024_/_6517564'	1.6	3.9	10	0.616	10	6.07	2.67 No	0.616	Thermal Discharging
RLK066	338	'3631522_/_3631519'	0.6	1.4	3.33	0.208	0.8	2.18	0.89 No	0.208	Thermal Discharging
RLK066	339	'7584023_/_7902957'	0.6	1.4	3.33	0.208	0.5	2.15	0.89 No	0.208	Thermal Discharging
RLK066	340	'6513893_/_6517544'	1.6	3.9	10	0.616	10	6.03	2.67 No	0.616	Thermal Discharging
RLK066	341	'116762532_/_3631587_1'	0.6	1.4	3.33	0.208	0.3	2.17	0.89 No	0.208	Thermal Discharging
RLK066	342	'7884290_/_7884287'	0.53	1.3	3.33	0.208	0.5	2	0.89 No	0.208	Thermal Discharging
RLK066	343	'676653123_/_3648601'	0.6	1.4	3.33	0.208	0.8	2.16	0.89 No	0.208	Thermal Discharging
RLK066	344	'8163171_/_8163169'	0.57	1.4	3.33	0.208	0.5	2.11	0.89 No	0.208	Thermal Discharging
RLK066	345	'3631691_/_3631688'	0.93	2.8	6.67	0.408	1	4.24	1.78 No	0.408	Thermal Discharging
RLK066	346	'6505184_/_6505198_1'	1.6	3.9	10	0.616	1.5	6.03	2.67 No	0.616	Thermal Discharging
RLK066	347	'6517495_/_43930130'	1.07	2.6	6.67	0.408	1	4.02	1.78 No	0.408	Thermal Discharging
RLK066	348	'6509751_/_6509748'	0.53	1.33	3.33	0.208	0.5	2.05	0.89 No	0.208	Thermal Discharging
RLK066	349	'6513876_/_6513890'	1.6	3.9	10	0.616	10	5.98	2.67 No	0.616	Thermal Discharging
RLK066	350	'380408926_/_3632254'	1.4	4.1	10	0.616	1.5	6.65	2.67 No	0.616	Thermal Discharging
RLK066	351	'8215623_/_8215620'	0.47	1.37	3.33	0.208	0.3	2.17	0.89 No	0.208	Thermal Discharging
RLK066	352	'7902350_/_7902347_2'	0.57	1.37	3.33	0.208	0.3	2.14	0.89 No	0.208	Thermal Discharging
RLK066	353	'8850174_/_455287764'	0.47	1.37	3.33	0.208	0.5	2.18	0.89 No	0.208	Thermal Discharging
RLK066	354	'6468458_/_6513873'	1.6	3.8	10	0.616	10	5.93	2.67 No	0.616	Thermal Discharging
RLK066	355	'6510154_/_43931388'	0.63	1.3	3.33	0.208	0.5	2.05	0.89 No	0.208	Thermal Discharging
RLK066	356	'6468459_/_6468476_1'	1.6	3.8	10	0.616	2.5	5.91	2.67 No	0.616	Thermal Discharging
RLK066	357	'676653192_/_676653158_1'	0.57	1.37	3.33	0.208	0.3	2.13	0.89 No	0.208	Thermal Discharging
RLK066	358	'43929937_/_43929939'	1.6	3.8	10	0.616	10	5.9	2.67 No	0.616	Thermal Discharging
RLK066	359	'116762550_/_3631587_2'	0.57	1.37	3.33	0.208	0.3	2.12	0.89 No	0.208	Thermal Discharging
RLK066	360	'7884963_/_9658856_2'	0.53	1.27	3.33	0.208	0.5	2	0.89 No	0.208	Thermal Discharging
RLK066	361	'6468435_/_6468476_2'	1.6	3.8	10	0.616	2.5	5.88	2.67 No	0.616	Thermal Discharging
RLK066	362	'6514292_/_6514290_2'	1.6	3.8	10	0.616	10	5.86	2.67 No	0.616	Thermal Discharging
RLK066	363	'6513842_/_6514290_1'	1.6	3.8	10	0.616	10	5.86	2.67 No	0.616	Thermal Discharging
RLK066	364	'6505460_/_6513839'	1.6	3.8	10	0.616	10	5.83	2.67 No	0.616	Thermal Discharging
RLK066	365	'7452154_/_8086667_2'	1.13	2.53	6.67	0.408	1	4.01	1.78 No	0.408	Thermal Discharging
RLK066	366	'6513824_/_6513822'	1.6	3.7	10	0.616	10	5.81	2.67 No	0.616	Thermal Discharging
RLK066	367	'8086549_/_8086547'	0.53	1.27	3.33	0.208	0.5	1.95	0.89 No	0.208	Thermal Discharging
RLK066	368	'3648564_/_676653127'	0.57	1.33	3.33	0.208	0.8	2.09	0.89 No	0.208	Thermal Discharging
RLK066	369	'6505035_/_6505032_2'	0.53	1.23	3.33	0.208	1.2	1.93	0.89 No	0.208	Thermal Discharging
RLK066	370	'6505472_/_6505470_1'	0.53	1.23	3.33	0.208	0.5	1.93	0.89 No	0.208	Thermal Discharging
RLK066	371	'6505275_/_6514273'	1.5	3.7	10	0.616	10	5.77	2.67 No	0.616	Thermal Discharging
RLK066	372	'6509764_/_6509761'	0.5	1.27	3.33	0.208	0.5	1.98	0.89 No	0.208	Thermal Discharging
RLK066	373	'6505240_/_6513805'	1.5	3.7	10	0.616	10	5.74	2.67 No	0.616	Thermal Discharging
RLK066	374	'6505183_/_6505181'	1.5	3.7	10	0.616	1.5	5.84	2.67 No	0.616	Thermal Discharging
RLK066	375	'6505255_/_6505253_1'	1.5	3.7	10	0.616	1.5	5.74	2.67 No	0.616	Thermal Discharging
RLK066	376	'6504954_/_44053757_2'	0.5	1.23	3.33	0.208	1.2	1.91	0.89 No	0.208	Thermal Discharging
RLK066	377	'8751227_/_8751224_2'	0.47	1.27	3.33	0.208	0.3	2.01	0.89 No	0.208	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RLK066	378	'6513791_/_6514239'		1.5	3.7	10	0.616	0	5.72	2.67 No	0.616 Thermal Discharging
RLK066	379	'6509793_/_6509790_1'		0.5	1.27	3.33	0.208	0.3	1.97	0.89 No	0.208 Thermal Discharging
RLK066	380	'7902404_/_9474274'		0.53	1.33	3.33	0.208	0.5	2.02	0.89 No	0.208 Thermal Discharging
RLK066	381	'6513774_/_6513788'		1.5	3.7	10	0.616	10	5.69	2.67 No	0.616 Thermal Discharging
RLK066	382	'6509805_/_6509790_2'		0.5	1.27	3.33	0.208	0.3	1.96	0.89 No	0.208 Thermal Discharging
RLK066	383	'7905430_/_7905427_1'		0.3	0.77	3.33	0.208	0.5	2.03	0.89 No	0.208 Thermal Discharging
RLK066	384	'6505473_/_6505470_2'		0.53	1.23	3.33	0.208	0.5	1.9	0.89 No	0.208 Thermal Discharging
RLK066	385	'3631645_/_3631642'		0.57	1.3	3.33	0.208	0.3	2.06	0.89 No	0.208 Thermal Discharging
RLK066	386	'3631709_/_3631706'		0.87	2.67	6.67	0.408	1	4.04	1.78 No	0.408 Thermal Discharging
RLK066	387	'7268655_/_7268653'		0.43	1.3	3.33	0.208	0.5	2.06	0.89 No	0.208 Thermal Discharging
RLK066	388	'6505022_/_6505032_1'		0.53	1.23	3.33	0.208	0.5	1.9	0.89 No	0.208 Thermal Discharging
RLK066	389	'6505223_/_6513771'		1.5	3.7	10	0.616	10	5.66	2.67 No	0.616 Thermal Discharging
RLK066	390	'3631576_/_3631831'		0.57	1.3	3.33	0.208	0.3	2.05	0.89 No	0.208 Thermal Discharging
RLK066	391	'6504876_/_6505221'		0.5	1.23	3.33	0.208	1.6	1.88	0.89 No	0.208 Thermal Discharging
RLK066	392	'44053755_/_44053757_1'		0.5	1.2	3.33	0.208	0.5	1.88	0.89 No	0.208 Thermal Discharging
RLK066	393	'6505537_/_6513754'		1.5	3.6	10	0.616	10	5.63	2.67 No	0.616 Thermal Discharging
RLK066	394	'3633655_/_3633652'		0.43	1.33	3.33	0.208	0.5	1.97	0.89 No	0.208 Thermal Discharging
RLK066	395	'8356952_/_9299600'		0.5	1.23	3.33	0.208	0.5	2	0.89 No	0.208 Thermal Discharging
RLK066	396	'6468498_/_6468433'		1.5	3.6	10	0.616	2.5	5.67	2.67 No	0.616 Thermal Discharging
RLK066	397	'6514670_/_6514718'		1.5	3.6	10	0.616	10	5.58	2.67 No	0.616 Thermal Discharging
RLK066	398	'6468124_/_6468122_1'		0.5	1.2	3.33	0.208	0.5	1.86	0.89 No	0.208 Thermal Discharging
RLK066	399	'6504863_/_6504873'		0.5	1.2	3.33	0.208	0.5	1.86	0.89 No	0.208 Thermal Discharging
RLK066	400	'43929887_/_6505253_2'		1.5	3.6	10	0.616	1.5	5.61	2.67 No	0.616 Thermal Discharging
RLK066	401	'240506696_/_6468601_1'		0.5	1.2	3.33	0.208	0.5	1.88	0.89 No	0.208 Thermal Discharging
RLK066	402	'6514669_/_6514667'		1.5	3.6	10	0.616	10	5.56	2.67 No	0.616 Thermal Discharging
RLK066	403	'6509806_/_6509803'		0.47	1.23	3.33	0.208	0.3	1.92	0.89 No	0.208 Thermal Discharging
RLK066	404	'43931829_/_6514701'		1.5	3.6	10	0.616	10	5.52	2.67 No	0.616 Thermal Discharging
RLK066	405	'676653142_/_676653158_2'		0.53	1.27	3.33	0.208	0.3	2	0.89 No	0.208 Thermal Discharging
RLK066	406	'6468604_/_6468601_2'		0.5	1.17	3.33	0.208	0.5	1.87	0.89 No	0.208 Thermal Discharging
RLK066	407	'3648565_/_3648562'		0.53	1.27	3.33	0.208	0.8	2	0.89 No	0.208 Thermal Discharging
RLK066	408	'6504941_/_6504951'		0.5	1.17	3.33	0.208	0.5	1.85	0.89 No	0.208 Thermal Discharging
RLK066	409	'43929850_/_6505496'		0.53	1.17	3.33	0.208	0.5	1.85	0.89 No	0.208 Thermal Discharging
RLK066	410	'43929806_/_6505019'		0.53	1.17	3.33	0.208	0.5	1.85	0.89 No	0.208 Thermal Discharging
RLK066	411	'6513210_/_6514684'		1.5	3.5	10	0.616	10	5.47	2.67 No	0.616 Thermal Discharging
RLK066	412	'43931353_/_6509835'		0.47	1.2	3.33	0.208	0.3	1.9	0.89 No	0.208 Thermal Discharging
RLK066	413	'7765594_/_7765591'		0.53	1.2	3.33	0.208	0.5	1.88	0.89 No	0.208 Thermal Discharging
RLK066	414	'6509776_/_6510442'		0.47	1.2	3.33	0.208	0.5	1.89	0.89 No	0.208 Thermal Discharging
RLK066	415	'3648645_/_3648711'		0.47	1.27	3.33	0.208	0.5	1.95	0.89 No	0.208 Thermal Discharging
RLK066	416	'6515099_/_6515123_2'		0.5	1.17	3.33	0.208	1.2	1.82	0.89 No	0.208 Thermal Discharging
RLK066	417	'6464211_/_7110227'		1.4	3.5	10	0.616	10	5.44	2.67 No	0.616 Thermal Discharging
RLK066	418	'8531378_/_8850187'		0.43	1.27	3.33	0.208	0.5	2.02	0.89 No	0.208 Thermal Discharging
RLK066	419	'6513184_/_6513208_1'		0.5	1.17	3.33	0.208	0.5	1.81	0.89 No	0.208 Thermal Discharging
RLK066	420	'6505296_/_6505293'		1.4	3.5	10	0.616	1.5	5.5	2.67 No	0.616 Thermal Discharging
RLK066	421	'6464194_/_6464208'		1.4	3.5	10	0.616	10	5.42	2.67 No	0.616 Thermal Discharging
RLK066	422	'91251795_/_91251905'		0.47	1.27	3.33	0.208	0.5	1.95	0.89 No	0.208 Thermal Discharging
RLK066	423	'6464177_/_6464191'		1.4	3.5	10	0.616	10	5.39	2.67 No	0.616 Thermal Discharging
RLK066	424	'7583975_/_7584020'		0.5	1.23	3.33	0.208	0.5	1.95	0.89 No	0.208 Thermal Discharging
RLK066	425	'6468125_/_6468122_2'		0.5	1.17	3.33	0.208	0.5	1.81	0.89 No	0.208 Thermal Discharging
RLK066	426	'6513185_/_6513208_2'		0.5	1.17	3.33	0.208	0.5	1.8	0.89 No	0.208 Thermal Discharging
RLK066	427	'6515113_/_6515123_1'		0.5	1.17	3.33	0.208	0.5	1.8	0.89 No	0.208 Thermal Discharging
RLK066	428	'7906945_/_52151186'		1.2	3.7	10	0.616	1.5	5.84	2.67 No	0.616 Thermal Discharging
RLK066	429	'6504850_/_6504860'		0.5	1.17	3.33	0.208	0.5	1.81	0.89 No	0.208 Thermal Discharging
RLK066	430	'6464176_/_6464174'		1.4	3.5	10	0.616	10	5.36	2.67 No	0.616 Thermal Discharging
RLK066	431	'9031096_/_9031093'		0.8	1.8	6.67	0.408	1	3.73	1.78 No	0.408 Thermal Discharging
RLK066	432	'7583990_/_7583988'		0.5	1.23	3.33	0.208	0.5	1.93	0.89 No	0.208 Thermal Discharging
RLK066	433	'6504928_/_6504938'		0.5	1.17	3.33	0.208	0.5	1.81	0.89 No	0.208 Thermal Discharging
RLK066	434	'51432336_/_51432338'		1.4	3.5	10	0.616	10	5.34	2.67 No	0.616 Thermal Discharging
RLK066	435	'6465501_/_6465601'		1.4	3.5	10	0.616	10	5.33	2.67 No	0.616 Thermal Discharging
RLK066	436	'7586554_/_7586551'		0.47	1.23	3.33	0.208	0.5	1.92	0.89 No	0.208 Thermal Discharging
RLK066	437	'3648633_/_3648630'		0.5	1.23	3.33	0.208	0.3	1.94	0.89 No	0.208 Thermal Discharging
RLK066	438	'43929963_/_6468614'		0.5	1.13	3.33	0.208	0.5	1.81	0.89 No	0.208 Thermal Discharging
RLK066	439	'9031003_/_9031001'		0.47	1.13	3.33	0.208	0.5	1.82	0.89 No	0.208 Thermal Discharging
RLK066	440	'3631590_/_3631587_3'		0.5	1.23	3.33	0.208	0.3	1.95	0.89 No	0.208 Thermal Discharging
RLK066	441	'6465570_/_6465584'		1.4	3.4	10	0.616	10	5.31	2.67 No	0.616 Thermal Discharging
RLK066	442	'6468499_/_6468496'		1.4	3.4	10	0.616	2.5	5.45	2.67 No	0.616 Thermal Discharging
RLK066	443	'9031804_/_9031801_2'		0.47	1.17	3.33	0.208	0.5	1.84	0.89 No	0.208 Thermal Discharging
RLK066	444	'8087390_/_7884961'		0.47	1.17	3.33	0.208	0.5	1.84	0.89 No	0.208 Thermal Discharging
RLK066	445	'43924669_/_43924671'		1.4	3.4	10	0.616	10	5.28	2.67 No	0.616 Thermal Discharging
RLK066	446	'6465481_/_6465479_1'		1.4	3.4	10	0.616	1.5	5.29	2.67 No	0.616 Thermal Discharging
RLK066	447	'6504996_/_6505006'		0.53	1.13	3.33	0.208	0.5	1.8	0.89 No	0.208 Thermal Discharging
RLK066	448	'3648578_/_3648575'		0.53	1.2	3.33	0.208	0.8	1.93	0.89 No	0.208 Thermal Discharging
RLK066	449	'7583443_/_7902401'		0.5	1.23	3.33	0.208	0.5	1.89	0.89 No	0.208 Thermal Discharging
RLK066	450	'51432483_/_51432404_2'		0.47	1.13	3.33	0.208	1.4	1.76	0.89 No	0.208 Thermal Discharging
RLK066	451	'7406418_/_8356950'		0.47	1.17	3.33	0.208	0.5	1.9	0.89 No	0.208 Thermal Discharging
RLK066	452	'6465553_/_6465567'		1.4	3.4	10	0.616	10	5.26	2.67 No	0.616 Thermal Discharging
RLK066	453	'7406419_/_8984597_1'		0.47	1.17	3.33	0.208	0.5	1.89	0.89 No	0.208 Thermal Discharging
RLK066	454	'6518642_/_6518639'		0.53	1.13	3.33	0.208	0.5	1.86	0.89 No	0.208 Thermal Discharging
RLK066	455	'6465552_/_6465550'		1.4	3.4	10	0.616	10	5.24	2.67 No	0.616 Thermal Discharging
RLK066	456	'6468177_/_6468174'		0.5	1.13	3.33	0.208	0.5	1.76	0.89 No	0.208 Thermal Discharging
RLK066	457	'6513198_/_6513195'		0.5	1.13	3.33	0.208	0.5	1.75	0.89 No	0.208 Thermal Discharging
RLK066	458	'43925208_/_43925210'		1.4	3.4	10	0.616	10	5.2	2.67 No	0.616 Thermal Discharging
RLK066	459	'43929874_/_6505310'		1.4	3.4	10	0.616	1.5	5.32	2.67 No	0.616 Thermal Discharging
RLK066	460	'43924656_/_6465479_2'		1.4	3.4	10	0.616	1.5	5.23	2.67 No	0.616 Thermal Discharging
RLK066	461	'43931730_/_6513669'		0.5	1.13	3.33	0.208	0.5	1.76	0.89 No	0.208 Thermal Discharging
RLK066	462	'3648688_/_3648685'		0.47	1.2	3.33	0.208	0.5	1.87	0.89 No	0.208 Thermal Discharging
RLK066	463	'43931364_/_43931355'		0.43	1.13	3.33	0.208	0.3	1.81	0.89 No	0.208 Thermal Discharging
RLK066	464	'6462108_/_6484896'		1.4	3.4	10	0.616	10	5.17	2.67 No	0.616 Thermal Discharging
RLK066	465	'6509777_/_6509774'		0.43	1.13	3.33	0.208	0.5	1.8	0.89 No	0.208 Thermal Discharging
RLK066	466	'7269160_/_8528263'		0.4	1.2	3.33	0.208	0.5	1.89	0.89 No	0.208 Thermal Discharging
RLK066	467	'43929784_/_43929786'		0.5	1.1	3.33	0.208	0.5	1.75	0.89 No	0.208 Thermal Discharging
RLK066	468	'6462095_/_6462092_2'		0.47	1.1	3.33	0.208	1.1	1.72	0.89 No	0.208 Thermal Discharging
RLK066	469	'43929753_/_43929753'		0.5	1.1	3.33	0.208	0.5	1.75	0.89 No	0.208 Thermal Discharging
RLK066	470	'6515060_/_6515110'		0.5	1.1	3.33	0.208	0.5	1.73	0.89 No	0.208 Thermal Discharging
RLK066	471	'43924148_/_43924150'		1.4	3.3	10	0.616	10	5.13	2.67 No	0.616 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
											VSR (MW)	Limiting Threshold
RLK066	472	'6468519_/_6468516'		1.4	3.3	10	0.616	2.5	5.3	2.67 No	0.616	Thermal Discharging
RLK066	473	'6468137_/_6468190'		0.5	1.1	3.33	0.208	0.5	1.74	0.89 No	0.208	Thermal Discharging
RLK066	474	'6518655_/_6518652'		0.53	1.13	3.33	0.208	0.5	1.83	0.89 No	0.208	Thermal Discharging
RLK066	475	'6464245_/_6464262'		1.4	3.3	10	0.616	10	5.1	2.67 No	0.616	Thermal Discharging
RLK066	476	'6505512_/_43929852'		0.53	1.1	3.33	0.208	0.5	1.75	0.89 No	0.208	Thermal Discharging
RLK066	477	'6504983_/_6504993'		0.53	1.1	3.33	0.208	0.5	1.74	0.89 No	0.208	Thermal Discharging
RLK066	478	'43359718_/_3650023'		0.37	1.2	3.33	0.208	0.5	1.8	0.89 No	0.208	Thermal Discharging
RLK066	479	'6462178_/_6464242'		1.3	3.3	10	0.616	10	5.08	2.67 No	0.616	Thermal Discharging
RLK066	480	'6462082_/_6462092_1'		0.47	1.1	3.33	0.208	0.5	1.7	0.89 No	0.208	Thermal Discharging
RLK066	481	'6468633_/_43929965'		0.5	1.1	3.33	0.208	0.5	1.73	0.89 No	0.208	Thermal Discharging
RLK066	482	'3631534_/_3648588'		0.5	1.17	3.33	0.208	0.8	1.85	0.89 No	0.208	Thermal Discharging
RLK066	483	'116762592_/_3631613_1'		0.5	1.17	3.33	0.208	0.3	1.85	0.89 No	0.208	Thermal Discharging
RLK066	484	'6505330_/_6505327'		1.3	3.3	10	0.616	1.5	5.19	2.67 No	0.616	Thermal Discharging
RLK066	485	'6462120_/_6462118_1'		0.43	1.1	3.33	0.208	0.5	1.68	0.89 No	0.208	Thermal Discharging
RLK066	486	'3648646_/_3648643'		0.43	1.17	3.33	0.208	0.5	1.81	0.89 No	0.208	Thermal Discharging
RLK066	487	'6515061_/_6515058'		0.5	1.07	3.33	0.208	0.5	1.7	0.89 No	0.208	Thermal Discharging
RLK066	488	'6468138_/_6468135'		0.5	1.07	3.33	0.208	0.5	1.71	0.89 No	0.208	Thermal Discharging
RLK066	489	'6513672_/_43931732'		0.5	1.07	3.33	0.208	0.5	1.71	0.89 No	0.208	Thermal Discharging
RLK066	490	'43931796_/_6513332'		0.5	1.07	3.33	0.208	0.5	1.7	0.89 No	0.208	Thermal Discharging
RLK066	491	'6518707_/_43931502'		0.5	1.1	3.33	0.208	0.5	1.78	0.89 No	0.208	Thermal Discharging
RLK066	492	'3631616_/_3631613_2'		0.5	1.13	3.33	0.208	0.3	1.82	0.89 No	0.208	Thermal Discharging
RLK066	493	'43929773_/_6504925'		0.5	1.07	3.33	0.208	0.5	1.7	0.89 No	0.208	Thermal Discharging
RLK066	494	'6517107_/_6517104'		1.3	3.2	10	0.616	2.5	5.17	2.67 No	0.616	Thermal Discharging
RLK066	495	'6504824_/_6504834'		0.5	1.07	3.33	0.208	0.5	1.7	0.89 No	0.208	Thermal Discharging
RLK066	496	'6513159_/_6515084'		0.5	1.07	3.33	0.208	0.5	1.69	0.89 No	0.208	Thermal Discharging
RLK066	497	'6462121_/_6462118_2'		0.43	1.07	3.33	0.208	0.5	1.66	0.89 No	0.208	Thermal Discharging
RLK066	498	'7259789_/_7259787_1'		0.47	1.13	3.33	0.208	0.2	1.82	0.89 No	0.2	Element Fault
RLK066	499	'6461999_/_6465516'		1.3	3.2	10	0.616	1.5	5.03	2.67 No	0.616	Thermal Discharging
RLK066	500	'240506716_/_6517172_1'		0.87	2.13	6.67	0.408	1	3.43	1.78 No	0.408	Thermal Discharging
RLK066	501	'5594659_/_7099359'		0.43	1.1	3.33	0.208	0.5	1.73	0.89 No	0.208	Thermal Discharging
RLK066	502	'43929795_/_6504980'		0.53	1.07	3.33	0.208	0.5	1.69	0.89 No	0.208	Thermal Discharging
RLK066	503	'5594658_/_7099343_2'		0.43	1.1	3.33	0.208	0.5	1.73	0.89 No	0.208	Thermal Discharging
RLK066	504	'6470593_/_7110355'		0.5	1.07	3.33	0.208	0.5	1.67	0.89 No	0.208	Thermal Discharging
RLK066	505	'6462081_/_6462079'		0.47	1.07	3.33	0.208	0.5	1.65	0.89 No	0.208	Thermal Discharging
RLK066	506	'7268624_/_7269157'		0.37	1.13	3.33	0.208	0.5	1.81	0.89 No	0.208	Thermal Discharging
RLK066	507	'43929861_/_6505344'		1.3	3.2	10	0.616	1.5	5.06	2.67 No	0.616	Thermal Discharging
RLK066	508	'6468665_/_6517172_2'		0.87	2.07	6.67	0.408	1	3.4	1.78 No	0.408	Thermal Discharging
RLK066	509	'6518411_/_7099343_1'		0.4	1.07	3.33	0.208	0.3	1.72	0.89 No	0.208	Thermal Discharging
RLK066	510	'6510298_/_43931366'		0.4	1.07	3.33	0.208	0.3	1.72	0.89 No	0.208	Thermal Discharging
RLK066	511	'6462000_/_6461997'		1.3	3.1	10	0.616	1.5	4.95	2.67 No	0.616	Thermal Discharging
RLK066	512	'6513041_/_6513682'		0.47	1.03	3.33	0.208	0.5	1.66	0.89 No	0.208	Thermal Discharging
RLK066	513	'7583974_/_7583972'		0.47	1.1	3.33	0.208	0.5	1.77	0.89 No	0.208	Thermal Discharging
RLK066	514	'6513348_/_6513345'		0.47	1.03	3.33	0.208	0.5	1.65	0.89 No	0.208	Thermal Discharging
RLK066	515	'6513054_/_6515071'		0.5	1.03	3.33	0.208	0.5	1.65	0.89 No	0.208	Thermal Discharging
RLK066	516	'43932149_/_6517121'		1.3	3.1	10	0.616	2.5	5.05	2.67 No	0.616	Thermal Discharging
RLK066	517	'6505525_/_6505522'		0.5	1.03	3.33	0.208	0.5	1.67	0.89 No	0.208	Thermal Discharging
RLK066	518	'3631535_/_3631532'		0.47	1.1	3.33	0.208	0.8	1.77	0.89 No	0.208	Thermal Discharging
RLK066	519	'43924137_/_6462134'		0.43	1.03	3.33	0.208	0.5	1.62	0.89 No	0.208	Thermal Discharging
RLK066	520	'6517124_/_6517138_1'		1.3	3.1	10	0.616	2.5	5.03	2.67 No	0.616	Thermal Discharging
RLK066	521	'6463571_/_6463568'		0.47	1.03	3.33	0.208	0.5	1.62	0.89 No	0.208	Thermal Discharging
RLK066	522	'43931887_/_6504821'		0.47	1.03	3.33	0.208	0.5	1.65	0.89 No	0.208	Thermal Discharging
RLK066	523	'7764987_/_51432404_1'		0.47	1.03	3.33	0.208	0.5	1.63	0.89 No	0.208	Thermal Discharging
RLK066	524	'6504902_/_6504912'		0.47	1.03	3.33	0.208	0.5	1.65	0.89 No	0.208	Thermal Discharging
RLK066	525	'43355581_/_3648614'		0.47	1.1	3.33	0.208	0.3	1.77	0.89 No	0.208	Thermal Discharging
RLK066	526	'3658576_/_3658573_2'		0.47	1.1	3.33	0.208	0.8	1.75	0.89 No	0.208	Thermal Discharging
RLK066	527	'6468151_/_6468148'		0.47	1.03	3.33	0.208	0.5	1.64	0.89 No	0.208	Thermal Discharging
RLK066	528	'43741482_/_5591317'		0.4	1.07	3.33	0.208	0.5	1.68	0.89 No	0.208	Thermal Discharging
RLK066	529	'6468666_/_6468663'		0.87	2.07	6.67	0.408	1	3.32	1.78 No	0.408	Thermal Discharging
RLK066	530	'7584007_/_7584004'		0.43	1.1	3.33	0.208	0.5	1.73	0.89 No	0.208	Thermal Discharging
RLK066	531	'6518668_/_6518665'		0.47	1.03	3.33	0.208	0.5	1.71	0.89 No	0.208	Thermal Discharging
RLK066	532	'6505364_/_43929863'		1.2	3.1	10	0.616	1.5	4.93	2.67 No	0.616	Thermal Discharging
RLK066	533	'43355640_/_3648659'		0.4	1.1	3.33	0.208	0.5	1.72	0.89 No	0.208	Thermal Discharging
RLK066	534	'6504969_/_6504967'		0.5	1	3.33	0.208	0.5	1.63	0.89 No	0.208	Thermal Discharging
RLK066	535	'6517141_/_6517138_2'		1.3	3	10	0.616	2.5	4.95	2.67 No	0.616	Thermal Discharging
RLK066	536	'43924216_/_6463552'		0.47	1.03	3.33	0.208	0.5	1.6	0.89 No	0.208	Thermal Discharging
RLK066	537	'6462149_/_43924139'		0.4	1.03	3.33	0.208	0.5	1.59	0.89 No	0.208	Thermal Discharging
RLK066	538	'43931774_/_43931776'		0.5	1	3.33	0.208	0.5	1.61	0.89 No	0.208	Thermal Discharging
RLK066	539	'43931741_/_6513039'		0.47	1	3.33	0.208	0.5	1.61	0.89 No	0.208	Thermal Discharging
RLK066	540	'6505048_/_6505045'		0.5	1	3.33	0.208	0.5	1.62	0.89 No	0.208	Thermal Discharging
RLK066	541	'43924739_/_43924741'		0.5	1	3.33	0.208	0.5	1.6	0.89 No	0.208	Thermal Discharging
RLK066	542	'6463596_/_6463594'		0.47	1	3.33	0.208	0.5	1.59	0.89 No	0.208	Thermal Discharging
RLK066	543	'6513361_/_6513358'		0.47	1	3.33	0.208	0.5	1.6	0.89 No	0.208	Thermal Discharging
RLK066	544	'6463584_/_6463581'		0.47	1	3.33	0.208	0.5	1.58	0.89 No	0.208	Thermal Discharging
RLK066	545	'43931752_/_6513052'		0.5	1	3.33	0.208	0.5	1.6	0.89 No	0.208	Thermal Discharging
RLK066	546	'7268623_/_7268621'		0.37	1.07	3.33	0.208	0.5	1.72	0.89 No	0.208	Thermal Discharging
RLK066	547	'3650026_/_43359720'		0.33	1.07	3.33	0.208	0.5	1.66	0.89 No	0.208	Thermal Discharging
RLK066	548	'3631602_/_3658573_1'		0.43	1.07	3.33	0.208	0.3	1.71	0.89 No	0.208	Thermal Discharging
RLK066	549	'43929762_/_6504899'		0.47	1	3.33	0.208	0.5	1.6	0.89 No	0.208	Thermal Discharging
RLK066	550	'3631629_/_3631626'		0.43	1.07	3.33	0.208	0.3	1.7	0.89 No	0.208	Thermal Discharging
RLK066	551	'6462017_/_6462014'		1.2	3	10	0.616	1.5	4.77	2.67 No	0.616	Thermal Discharging
RLK066	552	'6465398_/_6465395'		0.47	1	3.33	0.208	0.5	1.57	0.89 No	0.208	Thermal Discharging
RLK066	553	'6468681_/_6468678'		0.8	2	6.67	0.408	1	3.23	1.78 No	0.408	Thermal Discharging
RLK066	554	'6504807_/_6504805'		0.47	1	3.33	0.208	0.5	1.6	0.89 No	0.208	Thermal Discharging
RLK066	555	'6462150_/_6462147'		0.4	1	3.33	0.208	0.5	1.56	0.89 No	0.208	Thermal Discharging
RLK066	556	'6517903_/_6518409'		0.4	1.03	3.33	0.208	0.3	1.63	0.89 No	0.208	Thermal Discharging
RLK066	557	'7452067_/_8712338_1'		0.4	1	3.33	0.208	0.3	1.61	0.89 No	0.208	Thermal Discharging
RLK066	558	'6505381_/_6505378'		1.2	3	10	0.616	1.5	4.79	2.67 No	0.616	Thermal Discharging
RLK066	559	'3658621_/_7075729'		0.43	1.03	3.33	0.208	0.8	1.69	0.89 No	0.208	Thermal Discharging
RLK066	560	'43741286_/_7099064'		0.5	0.97	3.33	0.208	0.5	1.59	0.89 No	0.208	Thermal Discharging
RLK066	561	'6505061_/_6505058'		0.5	0.97	3.33	0.208	0.5	1.58	0.89 No	0.208	Thermal Discharging
RLK066	562	'6463526_/_6463536'		0.43	1	3.33	0.208	0.5	1.55	0.89 No	0.208	Thermal Discharging
RLK066	563	'6462166_/_6462163'		0.4	1	3.33	0.208	0.5	1.54	0.89 No	0.208	Thermal Discharging
RLK066	564	'6468535_/_6517155'		1.2	2.9	10	0.616	2.5	4.8	2.67 No	0.616	

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RLK066	566	'6468164_/_6468161'		0.43	0.97	3.33	0.208	0.5	1.57	0.89 No	0.208 Thermal Discharging
RLK066	567	'7583442_/_7902385_1'		0.4	1.03	3.33	0.208	0.5	1.66	0.89 No	0.208 Thermal Discharging
RLK066	568	'6513042_/_43931743'		0.43	0.97	3.33	0.208	0.5	1.57	0.89 No	0.208 Thermal Discharging
RLK066	569	'43931807_/_6513371'		0.43	0.97	3.33	0.208	0.5	1.56	0.89 No	0.208 Thermal Discharging
RLK066	570	'8220428_/_8220426'		0.4	1.03	3.33	0.208	0.5	1.66	0.89 No	0.208 Thermal Discharging
RLK066	571	'6463610_/_6463620'		0.43	0.97	3.33	0.208	0.5	1.54	0.89 No	0.208 Thermal Discharging
RLK066	572	'6468261_/_6468271'		0.43	0.97	3.33	0.208	0.5	1.57	0.89 No	0.208 Thermal Discharging
RLK066	573	'43929900_/_6505424'		0.4	0.97	3.33	0.208	0.5	1.57	0.89 No	0.208 Thermal Discharging
RLK066	574	'6505551_/_6505548'		0.8	1.93	6.67	0.408	1	3.16	1.78 No	0.408 Thermal Discharging
RLK066	575	'9163314_/_9163311'		0.37	1.03	3.33	0.208	0.5	1.65	0.89 No	0.208 Thermal Discharging
RLK066	576	'3648675_/_3648672'		0.4	1.03	3.33	0.208	0.5	1.64	0.89 No	0.208 Thermal Discharging
RLK066	577	'8527490_/_8527503'		0.33	1.03	3.33	0.208	0.5	1.66	0.89 No	0.208 Thermal Discharging
RLK066	578	'6513068_/_43931754'		0.47	0.97	3.33	0.208	0.5	1.55	0.89 No	0.208 Thermal Discharging
RLK066	579	'6419972_/_6470577'		0.47	0.97	3.33	0.208	0.5	1.55	0.89 No	0.208 Thermal Discharging
RLK066	580	'6468335_/_6505437'		1.1	2.9	10	0.616	1.5	4.69	2.67 No	0.616 Thermal Discharging
RLK066	581	'8712341_/_8712338_2'		0.4	0.97	3.33	0.208	0.3	1.57	0.89 No	0.208 Thermal Discharging
RLK066	582	'6513145_/_6513143'		0.47	0.97	3.33	0.208	0.5	1.54	0.89 No	0.208 Thermal Discharging
RLK066	583	'5580573_/_7099035'		0.43	0.97	3.33	0.208	0.5	1.55	0.89 No	0.208 Thermal Discharging
RLK066	584	'43924227_/_6463997'		0.43	0.97	3.33	0.208	0.5	1.53	0.89 No	0.208 Thermal Discharging
RLK066	585	'6468260_/_6468258'		0.43	0.97	3.33	0.208	0.5	1.55	0.89 No	0.208 Thermal Discharging
RLK066	586	'6504888_/_6504886'		0.43	0.97	3.33	0.208	0.5	1.55	0.89 No	0.208 Thermal Discharging
RLK066	587	'7764988_/_7764985'		0.47	0.97	3.33	0.208	0.5	1.53	0.89 No	0.208 Thermal Discharging
RLK066	588	'7259790_/_7259787_2'		0.43	1	3.33	0.208	0.2	1.64	0.89 No	0.2 Element Fault
RLK066	589	'3631603_/_3631600'		0.43	1	3.33	0.208	0.3	1.64	0.89 No	0.208 Thermal Discharging
RLK066	590	'6505398_/_6505395'		0.4	0.97	3.33	0.208	0.5	1.55	0.89 No	0.208 Thermal Discharging
RLK066	591	'6468209_/_6468206'		0.43	0.97	3.33	0.208	0.5	1.54	0.89 No	0.208 Thermal Discharging
RLK066	592	'3648701_/_3648698'		0.37	1	3.33	0.208	0.5	1.62	0.89 No	0.208 Thermal Discharging
RLK066	593	'43923866_/_6465533'		1.1	2.9	10	0.616	1.5	4.6	2.67 No	0.616 Thermal Discharging
RLK066	594	'6513081_/_6513078'		0.47	0.97	3.33	0.208	0.5	1.53	0.89 No	0.208 Thermal Discharging
RLK066	595	'6463525_/_43924207'		0.43	0.97	3.33	0.208	0.5	1.51	0.89 No	0.208 Thermal Discharging
RLK066	596	'5580628_/_5580638'		0.47	0.93	3.33	0.208	0.5	1.54	0.89 No	0.208 Thermal Discharging
RLK066	597	'108629916_/_108629867_2'		1.1	2.8	10	0.616	1.5	4.58	2.67 No	0.616 Thermal Discharging
RLK066	598	'43932349_/_6518678'		0.43	0.97	3.33	0.208	0.5	1.6	0.89 No	0.208 Thermal Discharging
RLK066	599	'6505931_/_6505928'		0.73	1.87	6.67	0.408	1	3.08	1.78 No	0.408 Thermal Discharging
RLK066	600	'43932277_/_6517901'		0.37	0.97	3.33	0.208	0.3	1.56	0.89 No	0.208 Thermal Discharging
RLK066	601	'108629856_/_108629867_1'		1.1	2.8	10	0.616	0.9	4.56	2.67 No	0.616 Thermal Discharging
RLK066	602	'7789064_/_501595366'		0.37	0.97	3.33	0.208	0.5	1.56	0.89 No	0.208 Thermal Discharging
RLK066	603	'6463609_/_6463607'		0.43	0.93	3.33	0.208	0.5	1.5	0.89 No	0.208 Thermal Discharging
RLK066	604	'8712445_/_8712442'		0.37	0.93	3.33	0.208	0.3	1.54	0.89 No	0.208 Thermal Discharging
RLK066	605	'6505074_/_6505071'		0.47	0.93	3.33	0.208	0.5	1.53	0.89 No	0.208 Thermal Discharging
RLK066	606	'7269143_/_9474950'		0.37	1	3.33	0.208	0.5	1.61	0.89 No	0.208 Thermal Discharging
RLK066	607	'43929950_/_6468533'		1.2	2.8	10	0.616	2.5	4.63	2.67 No	0.616 Thermal Discharging
RLK066	608	'6517477_/_6517459'		0.73	1.87	6.67	0.408	1	3.06	1.78 No	0.408 Thermal Discharging
RLK066	609	'6513387_/_6513384'		0.43	0.93	3.33	0.208	0.5	1.5	0.89 No	0.208 Thermal Discharging
RLK066	610	'6468336_/_6468333'		1.1	2.8	10	0.616	1.5	4.57	2.67 No	0.616 Thermal Discharging
RLK066	611	'6505411_/_6505408'		0.4	0.93	3.33	0.208	0.5	1.52	0.89 No	0.208 Thermal Discharging
RLK066	612	'391637422_/_7099077_3'		0.47	0.93	3.33	0.208	0.5	1.52	0.89 No	0.208 Thermal Discharging
RLK066	613	'43932338_/_6518691'		0.43	0.93	3.33	0.208	0.5	1.57	0.89 No	0.208 Thermal Discharging
RLK066	614	'391637495_/_7099077_2'		0.47	0.93	3.33	0.208	0.3	1.52	0.89 No	0.208 Thermal Discharging
RLK066	615	'43930166_/_43930168'		0.37	0.93	3.33	0.208	0.5	1.52	0.89 No	0.208 Thermal Discharging
RLK066	616	'5581730_/_7099187'		0.47	0.93	3.33	0.208	0.5	1.5	0.89 No	0.208 Thermal Discharging
RLK066	617	'4557298_/_624672662'		0.4	0.97	3.33	0.208	0.8	1.59	0.89 No	0.208 Thermal Discharging
RLK066	618	'6419959_/_6419969'		0.47	0.93	3.33	0.208	0.5	1.49	0.89 No	0.208 Thermal Discharging
RLK066	619	'43362069_/_3667764'		0.4	0.97	3.33	0.208	0.3	1.59	0.89 No	0.208 Thermal Discharging
RLK066	620	'43929839_/_43929841'		0.4	0.93	3.33	0.208	0.5	1.5	0.89 No	0.208 Thermal Discharging
RLK066	621	'5580615_/_7099048'		0.4	0.93	3.33	0.208	0.5	1.5	0.89 No	0.208 Thermal Discharging
RLK066	622	'43741208_/_43741210'		0.4	0.93	3.33	0.208	0.5	1.5	0.89 No	0.208 Thermal Discharging
RLK066	623	'6468222_/_6468219'		0.4	0.93	3.33	0.208	0.5	1.5	0.89 No	0.208 Thermal Discharging
RLK066	624	'3648617_/_43355583'		0.4	0.97	3.33	0.208	0.3	1.6	0.89 No	0.208 Thermal Discharging
RLK066	625	'4555581_/_4555578_2'		0.4	0.97	3.33	0.208	0.8	1.58	0.89 No	0.208 Thermal Discharging
RLK066	626	'6513094_/_6513091'		0.43	0.93	3.33	0.208	0.5	1.49	0.89 No	0.208 Thermal Discharging
RLK066	627	'8531379_/_8531376'		0.33	0.97	3.33	0.208	0.5	1.61	0.89 No	0.208 Thermal Discharging
RLK066	628	'43924551_/_43924553'		0.43	0.93	3.33	0.208	0.5	1.47	0.89 No	0.208 Thermal Discharging
RLK066	629	'5580560_/_5580557_2'		0.4	0.93	3.33	0.208	0.5	1.49	0.89 No	0.208 Thermal Discharging
RLK066	630	'4557324_/_4557322_1'		0.4	0.97	3.33	0.208	0.3	1.58	0.89 No	0.208 Thermal Discharging
RLK066	631	'7452138_/_7452152'		0.4	0.97	3.33	0.208	0.5	1.42	0.89 No	0.208 Thermal Discharging
RLK066	632	'6463648_/_43924229'		0.43	0.93	3.33	0.208	0.5	1.47	0.89 No	0.208 Thermal Discharging
RLK066	633	'6517445_/_6517443'		0.37	0.9	3.33	0.208	0.5	1.5	0.89 No	0.208 Thermal Discharging
RLK066	634	'6468553_/_43929952'		1.1	2.7	10	0.616	2.5	4.55	2.67 No	0.616 Thermal Discharging
RLK066	635	'5581743_/_5581740'		0.43	0.93	3.33	0.208	0.5	1.48	0.89 No	0.208 Thermal Discharging
RLK066	636	'8215555_/_8528071'		0.4	0.97	3.33	0.208	0.5	1.57	0.89 No	0.208 Thermal Discharging
RLK066	637	'7884306_/_9343896_1'		1.1	2.7	10	0.616	1.5	4.54	2.67 No	0.616 Thermal Discharging
RLK066	638	'6468235_/_6468232'		0.4	0.9	3.33	0.208	0.5	1.48	0.89 No	0.208 Thermal Discharging
RLK066	639	'6513107_/_6513104'		0.43	0.9	3.33	0.208	0.5	1.47	0.89 No	0.208 Thermal Discharging
RLK066	640	'43741275_/_5580625'		0.43	0.9	3.33	0.208	0.5	1.49	0.89 No	0.208 Thermal Discharging
RLK066	641	'6468356_/_6468353'		1.1	2.7	10	0.616	1.5	4.47	2.67 No	0.616 Thermal Discharging
RLK066	642	'7452139_/_7452136'		0.4	0.97	3.33	0.208	0.5	1.4	0.89 No	0.208 Thermal Discharging
RLK066	643	'6505569_/_6505566'		1.1	2.7	10	0.616	1.5	4.46	2.67 No	0.616 Thermal Discharging
RLK066	644	'5580696_/_7099077_1'		0.43	0.9	3.33	0.208	0.3	1.48	0.89 No	0.208 Thermal Discharging
RLK066	645	'8218799_/_8218796'		0.4	0.97	3.33	0.208	0.2	1.56	0.89 No	0.2 Element Fault
RLK066	646	'9343919_/_9343932_1'		0.37	0.9	3.33	0.208	0.3	1.48	0.89 No	0.208 Thermal Discharging
RLK066	647	'6511014_/_43932279'		0.33	0.93	3.33	0.208	0.3	1.5	0.89 No	0.208 Thermal Discharging
RLK066	648	'5581714_/_5581727'		0.43	0.9	3.33	0.208	0.5	1.46	0.89 No	0.208 Thermal Discharging
RLK066	649	'43362081_/_43362071'		0.4	0.97	3.33	0.208	0.3	1.55	0.89 No	0.208 Thermal Discharging
RLK066	650	'6468248_/_6468284'		0.4	0.9	3.33	0.208	0.5	1.46	0.89 No	0.208 Thermal Discharging
RLK066	651	'6513400_/_6513397'		0.4	0.9	3.33	0.208	0.5	1.45	0.89 No	0.208 Thermal Discharging
RLK066	652	'6468407_/_6468420'		0.37	0.9	3.33	0.208	0.5	1.47	0.89 No	0.208 Thermal Discharging
RLK066	653	'9343935_/_9343932_2'		0.37	0.9	3.33	0.208	0.3	1.47	0.89 No	0.208 Thermal Discharging
RLK066	654	'6505087_/_6505084'		0.43	0.9	3.33	0.208	0.5	1.47	0.89 No	0.208 Thermal Discharging
RLK066	655	'5580547_/_5580557_1'		0.4	0.9	3.33	0.208	0.5	1.46	0.89 No	0.208 Thermal Discharging
RLK066	656	'43741241_/_43741243'		0.4	0.9	3.33	0.208	0.5	1.46	0.89 No	0.208 Thermal Discharging
RLK066	657	'43535666_/_4557296'		0.4	0.93	3.33	0.208	0.8	1.54	0.89 No	0.208 Thermal Discharging
RLK066	658	'5581756_/_5581753'		0.43	0.9	3.33	0.208	0.5	1.45	0.89 No	0.208 Thermal Discharging
RLK066	659	'6468373_/_6468370'		1.1	2.7	10	0.616	1.5	4.39	2.67 No	0.616 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RLK066	660	'43923444_/_43923446'		0.43	0.9	3.33	0.208	0.5	1.44	0.89 No	0.208 Thermal Discharging
RLK066	661	'43355651_/_3658631'		0.33	0.93	3.33	0.208	0.5	1.52	0.89 No	0.208 Thermal Discharging
RLK066	662	'4555580_/_4555578_1'		0.4	0.93	3.33	0.208	0.3	1.53	0.89 No	0.208 Thermal Discharging
RLK066	663	'6619771_/_7110305'		0.4	0.9	3.33	0.208	0.5	1.43	0.89 No	0.208 Thermal Discharging
RLK066	664	'6505126_/_6505123'		0.43	0.9	3.33	0.208	0.3	1.45	0.89 No	0.208 Thermal Discharging
RLK066	665	'43923477_/_6463646'		0.4	0.9	3.33	0.208	0.5	1.43	0.89 No	0.208 Thermal Discharging
RLK066	666	'6468570_/_6468567'		1.1	2.6	10	0.616	2.5	4.41	2.67 No	0.616 Thermal Discharging
RLK066	667	'43929974_/_6505586'		1	2.6	10	0.616	1.5	4.36	2.67 No	0.616 Thermal Discharging
RLK066	668	'7269144_/_7269141'		0.33	0.93	3.33	0.208	0.5	1.52	0.89 No	0.208 Thermal Discharging
RLK066	669	'6468247_/_6468245'		0.4	0.9	3.33	0.208	0.5	1.44	0.89 No	0.208 Thermal Discharging
RLK066	670	'7884903_/_7884901_1'		1.1	2.6	10	0.616	1.5	4.39	2.67 No	0.616 Thermal Discharging
RLK066	671	'43535555_/_4557283'		0.4	0.93	3.33	0.208	0.3	1.52	0.89 No	0.208 Thermal Discharging
RLK066	672	'6513120_/_6513117'		0.43	0.87	3.33	0.208	0.5	1.43	0.89 No	0.208 Thermal Discharging
RLK066	673	'8400975_/_9030491'		0.43	0.87	3.33	0.208	0.5	1.43	0.89 No	0.208 Thermal Discharging
RLK066	674	'6468406_/_6468404'		0.37	0.87	3.33	0.208	0.5	1.44	0.89 No	0.208 Thermal Discharging
RLK066	675	'3667780_/_43362083'		0.4	0.93	3.33	0.208	0.2	1.51	0.89 No	0.2 Element Fault
RLK066	676	'43932115_/_6516605'		0.4	0.87	3.33	0.208	0.5	1.43	0.89 No	0.208 Thermal Discharging
RLK066	677	'5592966_/_5592979'		0.43	0.87	3.33	0.208	0.5	1.44	0.89 No	0.208 Thermal Discharging
RLK066	678	'6509850_/_43932340'		0.4	0.9	3.33	0.208	0.5	1.49	0.89 No	0.208 Thermal Discharging
RLK066	679	'4557286_/_43535557'		0.4	0.93	3.33	0.208	0.3	1.5	0.89 No	0.208 Thermal Discharging
RLK066	680	'43535923_/_4557322_2'		0.4	0.93	3.33	0.208	0.3	1.5	0.89 No	0.208 Thermal Discharging
RLK066	681	'483550491_/_6468387'		1	2.6	10	0.616	1.5	4.31	2.67 No	0.616 Thermal Discharging
RLK066	682	'8709326_/_9659716'		0.33	0.9	3.33	0.208	0.5	1.45	0.89 No	0.208 Thermal Discharging
RLK066	683	'6614194_/_6619768'		0.4	0.87	3.33	0.208	0.5	1.4	0.89 No	0.208 Thermal Discharging
RLK066	684	'5580531_/_5580544'		0.4	0.87	3.33	0.208	0.5	1.42	0.89 No	0.208 Thermal Discharging
RLK066	685	'43741297_/_5580693'		0.43	0.87	3.33	0.208	0.3	1.43	0.89 No	0.208 Thermal Discharging
RLK066	686	'4555594_/_43535668'		0.4	0.9	3.33	0.208	0.8	1.5	0.89 No	0.208 Thermal Discharging
RLK066	687	'6505100_/_6505097'		0.43	0.87	3.33	0.208	0.5	1.43	0.89 No	0.208 Thermal Discharging
RLK066	688	'43929924_/_483550497'		1	2.6	10	0.616	1.5	4.28	2.67 No	0.616 Thermal Discharging
RLK066	689	'6468316_/_9658888_1'		1	2.6	10	0.616	0.9	4.28	2.67 No	0.616 Thermal Discharging
RLK066	690	'5580586_/_5580599'		0.37	0.87	3.33	0.208	0.5	1.42	0.89 No	0.208 Thermal Discharging
RLK066	691	'43931818_/_6513410'		0.4	0.87	3.33	0.208	0.5	1.41	0.89 No	0.208 Thermal Discharging
RLK066	692	'6510972_/_6511012'		0.33	0.9	3.33	0.208	0.3	1.44	0.89 No	0.208 Thermal Discharging
RLK066	693	'43741527_/_43741529'		0.43	0.87	3.33	0.208	0.5	1.41	0.89 No	0.208 Thermal Discharging
RLK066	694	'391637442_/_7099093_3'		0.43	0.87	3.33	0.208	0.5	1.42	0.89 No	0.208 Thermal Discharging
RLK066	695	'43931763_/_6513130'		0.4	0.87	3.33	0.208	0.5	1.4	0.89 No	0.208 Thermal Discharging
RLK066	696	'391637503_/_7099093_2'		0.43	0.87	3.33	0.208	0.3	1.41	0.89 No	0.208 Thermal Discharging
RLK066	697	'6514761_/_43929976'		1	2.6	10	0.616	1.5	4.26	2.67 No	0.616 Thermal Discharging
RLK066	698	'550869466_/_550869470'		0.33	0.87	3.33	0.208	0.3	1.43	0.89 No	0.208 Thermal Discharging
RLK066	699	'6509973_/_43932106'		0.33	0.87	3.33	0.208	0.3	1.43	0.89 No	0.208 Thermal Discharging
RLK066	700	'43741538_/_5581766'		0.4	0.87	3.33	0.208	0.5	1.4	0.89 No	0.208 Thermal Discharging
RLK066	701	'6510989_/_6510986'		0.33	0.87	3.33	0.208	0.3	1.43	0.89 No	0.208 Thermal Discharging
RLK066	702	'550869559_/_550869525_1'		0.33	0.87	3.33	0.208	0.1	1.43	0.89 No	0.1 Element Fault
RLK066	703	'6419958_/_6419956'		0.4	0.87	3.33	0.208	0.5	1.4	0.89 No	0.208 Thermal Discharging
RLK066	704	'4557367_/_4557393'		0.37	0.9	3.33	0.208	0.3	1.47	0.89 No	0.208 Thermal Discharging
RLK066	705	'9659572_/_9659570_1'		0.33	0.87	3.33	0.208	0.3	1.41	0.89 No	0.208 Thermal Discharging
RLK066	706	'43741264_/_5592963'		0.4	0.87	3.33	0.208	0.5	1.4	0.89 No	0.208 Thermal Discharging
RLK066	707	'6614181_/_6614191'		0.37	0.87	3.33	0.208	0.5	1.38	0.89 No	0.208 Thermal Discharging
RLK066	708	'7884904_/_7884901_2'		1	2.5	10	0.616	1.5	4.25	2.67 No	0.616 Thermal Discharging
RLK066	709	'8712356_/_8712354_1'		0.9	2.3	10	0.616	1.5	4.24	2.67 No	0.616 Thermal Discharging
RLK066	710	'6465165_/_43923479'		0.37	0.87	3.33	0.208	0.5	1.37	0.89 No	0.208 Thermal Discharging
RLK066	711	'5580530_/_5580528'		0.37	0.83	3.33	0.208	0.5	1.39	0.89 No	0.208 Thermal Discharging
RLK066	712	'6505113_/_6505110'		0.4	0.83	3.33	0.208	0.5	1.39	0.89 No	0.208 Thermal Discharging
RLK066	713	'6513133_/_43931765'		0.4	0.83	3.33	0.208	0.5	1.38	0.89 No	0.208 Thermal Discharging
RLK066	714	'4558131_/_4558128'		0.37	0.9	3.33	0.208	0.3	1.46	0.89 No	0.208 Thermal Discharging
RLK066	715	'5580585_/_5580583'		0.37	0.83	3.33	0.208	0.5	1.39	0.89 No	0.208 Thermal Discharging
RLK066	716	'394047845_/_6518613_1'		0.4	0.83	3.33	0.208	0.3	1.39	0.89 No	0.208 Thermal Discharging
RLK066	717	'9343899_/_9343896_2'		1	2.5	10	0.616	1.5	4.23	2.67 No	0.616 Thermal Discharging
RLK066	718	'8087138_/_9658888_2'		1	2.5	10	0.616	0.9	4.19	2.67 No	0.616 Thermal Discharging
RLK066	719	'7642922_/_7642920_1'		0.37	0.9	3.33	0.208	0.2	1.45	0.89 No	0.2 Element Fault
RLK066	720	'5580667_/_5580680'		0.4	0.83	3.33	0.208	0.3	1.39	0.89 No	0.208 Thermal Discharging
RLK066	721	'43741308_/_7099093_1'		0.4	0.83	3.33	0.208	0.3	1.39	0.89 No	0.208 Thermal Discharging
RLK066	722	'6516608_/_43932117'		0.37	0.83	3.33	0.208	0.5	1.38	0.89 No	0.208 Thermal Discharging
RLK066	723	'7642938_/_7642936_1'		0.37	0.9	3.33	0.208	0.2	1.45	0.89 No	0.2 Element Fault
RLK066	724	'7642923_/_7642920_2'		0.37	0.9	3.33	0.208	0.2	1.45	0.89 No	0.2 Element Fault
RLK066	725	'43932093_/_6510999'		0.33	0.87	3.33	0.208	0.3	1.4	0.89 No	0.208 Thermal Discharging
RLK066	726	'43931419_/_6509987'		0.33	0.87	3.33	0.208	0.3	1.4	0.89 No	0.208 Thermal Discharging
RLK066	727	'3631726_/_3658644'		0.33	0.9	3.33	0.208	0.5	1.43	0.89 No	0.208 Thermal Discharging
RLK066	728	'7452186_/_9031127'		0.4	0.9	3.33	0.208	0.5	1.32	0.89 No	0.208 Thermal Discharging
RLK066	729	'8215792_/_8215790'		0.33	0.87	3.33	0.208	0.5	1.44	0.89 No	0.208 Thermal Discharging
RLK066	730	'6514962_/_6514959'		1	2.5	10	0.616	1.5	4.13	2.67 No	0.616 Thermal Discharging
RLK066	731	'43741252_/_43741254'		0.4	0.83	3.33	0.208	0.5	1.37	0.89 No	0.208 Thermal Discharging
RLK066	732	'4557366_/_4557364'		0.37	0.87	3.33	0.208	0.3	1.43	0.89 No	0.208 Thermal Discharging
RLK066	733	'43923466_/_6465175'		0.37	0.83	3.33	0.208	0.5	1.35	0.89 No	0.208 Thermal Discharging
RLK066	734	'6513426_/_6513423'		0.37	0.83	3.33	0.208	0.5	1.36	0.89 No	0.208 Thermal Discharging
RLK066	735	'6468587_/_6468584'		1	2.5	10	0.616	2.5	4.17	2.67 No	0.616 Thermal Discharging
RLK066	736	'43929817_/_6505136'		0.4	0.83	3.33	0.208	0.3	1.37	0.89 No	0.208 Thermal Discharging
RLK066	737	'6607464_/_6614178'		0.37	0.83	3.33	0.208	0.5	1.35	0.89 No	0.208 Thermal Discharging
RLK066	738	'5581782_/_43741540'		0.4	0.83	3.33	0.208	0.5	1.36	0.89 No	0.208 Thermal Discharging
RLK066	739	'7884326_/_9031017_1'		1	2.4	10	0.616	1.5	4.15	2.67 No	0.616 Thermal Discharging
RLK066	740	'6514982_/_6514979'		1	2.5	10	0.616	0.9	4.11	2.67 No	0.616 Thermal Discharging
RLK066	741	'8527442_/_8527487'		0.27	0.87	3.33	0.208	0.5	1.44	0.89 No	0.208 Thermal Discharging
RLK066	742	'4562840_/_4562837'		0.37	0.87	3.33	0.208	0.8	1.42	0.89 No	0.208 Thermal Discharging
RLK066	743	'394527252_/_9344036'		0.37	0.87	3.33	0.208	0.5	1.3	0.89 No	0.208 Thermal Discharging
RLK066	744	'7962099_/_7962097_1'		0.37	0.87	3.33	0.208	0.3	1.42	0.89 No	0.208 Thermal Discharging
RLK066	745	'6518616_/_6518613_2'		0.4	0.83	3.33	0.208	0.3	1.36	0.89 No	0.208 Thermal Discharging
RLK066	746	'550869509_/_550869525_2'		0.3	0.83	3.33	0.208	0.1	1.38	0.89 No	0.1 Element Fault
RLK066	747	'5580728_/_5580738'		0.4	0.83	3.33	0.208	0.3	1.36	0.89 No	0.208 Thermal Discharging
RLK066	748	'43931408_/_6509971'		0.3	0.83	3.33	0.208	0.3	1.37	0.89 No	0.208 Thermal Discharging
RLK066	749	'5580654_/_5580664'		0.4	0.83	3.33	0.208	0.3	1.35	0.89 No	0.208 Thermal Discharging
RLK066	750	'5581795_/_5581792'		0.4	0.83	3.33	0.208	0.5	1.34	0.89 No	0.208 Thermal Discharging
RLK066	751	'640557802_/_640557768_1'		0.37	0.87	3.33	0.208	0.3	1.41	0.89 No	0.208 Thermal Discharging
RLK066	752	'9478101_/_9478098'		0.37	0.87	3.33	0.208	0.2	1.41	0.89 No	0.2 Element Fault
RLK066	753	'5592994_/_5592992'		0.37	0.83	3.33	0.208	0.5	1.35	0.89 No	0.208 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over- Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RLK066	754	'8087137_/_8087135'	0.9	2.4	10	0.616	0.9	4.06	2.67 No	0.616	Thermal Discharging
RLK066	755	'6509990_/_43931421'	0.3	0.83	3.33	0.208	0.3	1.37	0.89 No	0.208	Thermal Discharging
RLK066	756	'7452170_/_9344020'	0.33	0.87	3.33	0.208	0.5	1.29	0.89 No	0.208	Thermal Discharging
RLK066	757	'6505606_/_6505603'	1	2.4	10	0.616	2.5	4.09	2.67 No	0.616	Thermal Discharging
RLK066	758	'43923455_/_43923468'	0.37	0.83	3.33	0.208	0.5	1.32	0.89 No	0.208	Thermal Discharging
RLK066	759	'9659573_/_9659570_2'	0.3	0.8	3.33	0.208	0.3	1.35	0.89 No	0.208	Thermal Discharging
RLK066	760	'4557383_/_4557380'	0.37	0.87	3.33	0.208	0.3	1.4	0.89 No	0.208	Thermal Discharging
RLK066	761	'6511028_/_43932095'	0.3	0.83	3.33	0.208	0.3	1.36	0.89 No	0.208	Thermal Discharging
RLK066	762	'6505645_/_6505643_1'	0.67	1.6	6.67	0.408	1	2.72	1.78 No	0.408	Thermal Discharging
RLK066	763	'43929822_/_43929819'	0.4	0.8	3.33	0.208	0.3	1.34	0.89 No	0.208	Thermal Discharging
RLK066	764	'8527426_/_8527439'	0.27	0.87	3.33	0.208	0.5	1.41	0.89 No	0.208	Thermal Discharging
RLK066	765	'5580653_/_5580651'	0.4	0.8	3.33	0.208	0.3	1.33	0.89 No	0.208	Thermal Discharging
RLK066	766	'43741352_/_7099106'	0.4	0.8	3.33	0.208	0.3	1.33	0.89 No	0.208	Thermal Discharging
RLK066	767	'8527554_/_9478330'	0.3	0.87	3.33	0.208	0.5	1.42	0.89 No	0.208	Thermal Discharging
RLK066	768	'8215757_/_9474966'	0.3	0.87	3.33	0.208	0.5	1.39	0.89 No	0.208	Thermal Discharging
RLK066	769	'8163156_/_8215552'	0.33	0.83	3.33	0.208	0.5	1.39	0.89 No	0.208	Thermal Discharging
RLK066	770	'43932173_/_6518626'	0.4	0.8	3.33	0.208	0.3	1.32	0.89 No	0.208	Thermal Discharging
RLK066	771	'6516646_/_6516631'	0.37	0.8	3.33	0.208	0.5	1.31	0.89 No	0.208	Thermal Discharging
RLK066	772	'43952686_/_6607462'	0.37	0.8	3.33	0.208	0.5	1.3	0.89 No	0.208	Thermal Discharging
RLK066	773	'8740181_/_8740178'	0.37	0.83	3.33	0.208	0.2	1.38	0.89 No	0.2	Element Fault
RLK066	774	'6509851_/_6509848'	0.37	0.8	3.33	0.208	0.5	1.37	0.89 No	0.208	Thermal Discharging
RLK066	775	'44320342_/_4563010'	0.37	0.83	3.33	0.208	0.3	1.37	0.89 No	0.208	Thermal Discharging
RLK066	776	'5581808_/_5581805'	0.37	0.8	3.33	0.208	0.5	1.31	0.89 No	0.208	Thermal Discharging
RLK066	777	'43929987_/_6505643_2'	0.67	1.6	6.67	0.408	1	2.67	1.78 No	0.408	Thermal Discharging
RLK066	778	'8277735_/_8587412_1'	0.37	0.83	3.33	0.208	0.1	1.37	0.89 No	0.1	Element Fault
RLK066	779	'6419930_/_6419927'	0.37	0.8	3.33	0.208	0.5	1.3	0.89 No	0.208	Thermal Discharging
RLK066	780	'8709115_/_8709112'	0.9	2.4	10	0.616	0.9	3.97	2.67 No	0.616	Thermal Discharging
RLK066	781	'8709327_/_8709324'	0.3	0.8	3.33	0.208	0.5	1.34	0.89 No	0.208	Thermal Discharging
RLK066	782	'7452544_/_8709152'	0.9	2.4	10	0.616	0.9	3.97	2.67 No	0.616	Thermal Discharging
RLK066	783	'5580712_/_5580725'	0.37	0.8	3.33	0.208	0.3	1.32	0.89 No	0.208	Thermal Discharging
RLK066	784	'7452545_/_7452542'	0.6	1.6	6.67	0.408	0.6	2.63	1.78 No	0.408	Thermal Discharging
RLK066	785	'7962151_/_8587412_2'	0.33	0.83	3.33	0.208	0.1	1.36	0.89 No	0.1	Element Fault
RLK066	786	'9031020_/_9031017_2'	1	2.3	10	0.616	1.5	3.98	2.67 No	0.616	Thermal Discharging
RLK066	787	'6509974_/_43931410'	0.3	0.8	3.33	0.208	0.3	1.32	0.89 No	0.208	Thermal Discharging
RLK066	788	'5580890_/_5580900'	0.37	0.8	3.33	0.208	0.3	1.3	0.89 No	0.208	Thermal Discharging
RLK066	789	'6505629_/_6505626'	1	2.3	10	0.616	2.5	3.96	2.67 No	0.616	Thermal Discharging
RLK066	790	'4562865_/_4562850'	0.37	0.83	3.33	0.208	0.8	1.36	0.89 No	0.208	Thermal Discharging
RLK066	791	'6511040_/_6511054'	0.3	0.8	3.33	0.208	0.3	1.32	0.89 No	0.208	Thermal Discharging
RLK066	792	'7642939_/_7642936_2'	0.33	0.83	3.33	0.208	0.2	1.36	0.89 No	0.2	Element Fault
RLK066	793	'6505167_/_43932175'	0.37	0.8	3.33	0.208	0.3	1.3	0.89 No	0.208	Thermal Discharging
RLK066	794	'7765533_/_7765531_1'	1	2.3	10	0.616	0.9	3.95	2.67 No	0.616	Thermal Discharging
RLK066	795	'6419946_/_6419943'	0.33	0.8	3.33	0.208	0.5	1.27	0.89 No	0.208	Thermal Discharging
RLK066	796	'3631727_/_3631724'	0.3	0.83	3.33	0.208	0.5	1.34	0.89 No	0.208	Thermal Discharging
RLK066	797	'6511041_/_6511038'	0.3	0.8	3.33	0.208	0.3	1.31	0.89 No	0.208	Thermal Discharging
RLK066	798	'6513572_/_6516657'	0.33	0.77	3.33	0.208	0.5	1.28	0.89 No	0.208	Thermal Discharging
RLK066	799	'43930011_/_6505706'	1	2.3	10	0.616	2.5	3.91	2.67 No	0.616	Thermal Discharging
RLK066	800	'6513438_/_6516644'	0.33	0.77	3.33	0.208	0.5	1.28	0.89 No	0.208	Thermal Discharging
RLK066	801	'390053661_/_9343948_1'	1	2.3	10	0.616	1.6	3.91	2.67 No	0.616	Thermal Discharging
RLK066	802	'6505168_/_6505165'	0.37	0.77	3.33	0.208	0.3	1.28	0.89 No	0.208	Thermal Discharging
RLK066	803	'6607465_/_43952688'	0.33	0.77	3.33	0.208	0.5	1.26	0.89 No	0.208	Thermal Discharging
RLK066	804	'43929999_/_6505661'	0.6	1.53	6.67	0.408	1	2.6	1.78 No	0.408	Thermal Discharging
RLK066	805	'442346186_/_7452184'	0.37	0.83	3.33	0.208	0.5	1.23	0.89 No	0.208	Thermal Discharging
RLK066	806	'43360878_/_3658586'	0.3	0.8	3.33	0.208	0.5	1.33	0.89 No	0.208	Thermal Discharging
RLK066	807	'5580711_/_5580709'	0.37	0.77	3.33	0.208	0.3	1.28	0.89 No	0.208	Thermal Discharging
RLK066	808	'4562879_/_4562876'	0.33	0.8	3.33	0.208	0.8	1.33	0.89 No	0.208	Thermal Discharging
RLK066	809	'5580874_/_5580887'	0.37	0.77	3.33	0.208	0.3	1.27	0.89 No	0.208	Thermal Discharging
RLK066	810	'6505679_/_43930001'	0.6	1.53	6.67	0.408	1	2.58	1.78 No	0.408	Thermal Discharging
RLK066	811	'8712357_/_9031037'	0.9	2.3	10	0.616	1.5	3.88	2.67 No	0.616	Thermal Discharging
RLK066	812	'5581821_/_5581818'	0.37	0.77	3.33	0.208	0.5	1.27	0.89 No	0.208	Thermal Discharging
RLK066	813	'640557814_/_570089414_1'	0.33	0.8	3.33	0.208	0.3	1.32	0.89 No	0.208	Thermal Discharging
RLK066	814	'3658589_/_43360880'	0.3	0.8	3.33	0.208	0.5	1.31	0.89 No	0.208	Thermal Discharging
RLK066	815	'6513439_/_6513436'	0.33	0.77	3.33	0.208	0.5	1.26	0.89 No	0.208	Thermal Discharging
RLK066	816	'7765534_/_7765531_2'	0.9	2.3	10	0.616	0.9	3.85	2.67 No	0.616	Thermal Discharging
RLK066	817	'37799332_/_7962149'	0.33	0.8	3.33	0.208	0.1	1.31	0.89 No	0.1	Element Fault
RLK066	818	'37799311_/_37799336'	0.33	0.8	3.33	0.208	0.1	1.31	0.89 No	0.1	Element Fault
RLK066	819	'402379412_/_402379409'	0.33	0.8	3.33	0.208	0.1	1.31	0.89 No	0.1	Element Fault
RLK066	820	'37799304_/_37799308'	0.33	0.8	3.33	0.208	0.1	1.31	0.89 No	0.1	Element Fault
RLK066	821	'37799352_/_37799350'	0.33	0.8	3.33	0.208	0.1	1.31	0.89 No	0.1	Element Fault
RLK066	822	'390053398_/_9343948_2'	0.9	2.3	10	0.616	1.6	3.85	2.67 No	0.616	Thermal Discharging
RLK066	823	'5580861_/_5580871'	0.37	0.77	3.33	0.208	0.3	1.26	0.89 No	0.208	Thermal Discharging
RLK066	824	'8215756_/_8215754'	0.3	0.8	3.33	0.208	0.5	1.32	0.89 No	0.208	Thermal Discharging
RLK066	825	'43355662_/_3631763'	0.3	0.8	3.33	0.208	0.5	1.31	0.89 No	0.208	Thermal Discharging
RLK066	826	'9031556_/_9031553'	0.9	2.3	10	0.616	0.9	3.81	2.67 No	0.616	Thermal Discharging
RLK066	827	'3631740_/_3631737'	0.3	0.8	3.33	0.208	0.5	1.3	0.89 No	0.208	Thermal Discharging
RLK066	828	'6513559_/_6513569'	0.33	0.77	3.33	0.208	0.5	1.25	0.89 No	0.208	Thermal Discharging
RLK066	829	'7584121_/_8529883'	0.3	0.8	3.33	0.208	0.5	1.31	0.89 No	0.208	Thermal Discharging
RLK066	830	'6607478_/_6607475'	0.33	0.77	3.33	0.208	0.5	1.24	0.89 No	0.208	Thermal Discharging
RLK066	831	'436067873_/_436067853_1'	0.3	0.8	3.33	0.208	0.3	1.3	0.89 No	0.208	Thermal Discharging
RLK066	832	'5580860_/_5580858'	0.37	0.77	3.33	0.208	0.3	1.25	0.89 No	0.208	Thermal Discharging
RLK066	833	'7584120_/_7584118'	0.3	0.8	3.33	0.208	0.5	1.3	0.89 No	0.208	Thermal Discharging
RLK066	834	'6509864_/_6509861'	0.33	0.77	3.33	0.208	0.5	1.3	0.89 No	0.208	Thermal Discharging
RLK066	835	'390053491_/_390053510'	0.9	2.2	10	0.616	1.6	3.81	2.67 No	0.616	Thermal Discharging
RLK066	836	'43741549_/_5581831'	0.37	0.77	3.33	0.208	0.5	1.24	0.89 No	0.208	Thermal Discharging
RLK066	837	'7584136_/_7903081'	0.3	0.8	3.33	0.208	0.5	1.3	0.89 No	0.208	Thermal Discharging
RLK066	838	'436067834_/_436067853_2'	0.3	0.8	3.33	0.208	0.3	1.29	0.89 No	0.208	Thermal Discharging
RLK066	839	'640557752_/_640557768_2'	0.33	0.8	3.33	0.208	0.3	1.3	0.89 No	0.208	Thermal Discharging
RLK066	840	'8527425_/_8527423'	0.27	0.8	3.33	0.208	0.5	1.3	0.89 No	0.208	Thermal Discharging
RLK066	841	'9658765_/_9658762'	0.9	2.2	10	0.616	0.9	3.78	2.67 No	0.616	Thermal Discharging
RLK066	842	'390053346_/_390053536'	0.9	2.2	10	0.616	1.6	3.77	2.67 No	0.616	Thermal Discharging
RLK066	843	'390053352_/_390053350_1'	0.9	2.2	10	0.616	1.6	3.77	2.67 No	0.616	Thermal Discharging
RLK066	844	'8163155_/_8163153'	0.3	0.8	3.33	0.208	0.5	1.29	0.89 No	0.208	Thermal Discharging
RLK066	845	'6513452_/_6513449'	0.33	0.73	3.33	0.208	0.5	1.23	0.89 No	0.208	Thermal Discharging
RLK066	846	'6513588_/_6513585'	0.33	0.73	3.33	0.208	0.5	1.23	0.89 No	0.208	Thermal Discharging
RLK066	847	'43931853_/_6513556'	0.33	0.73	3.33	0.208	0.5	1.23	0.89 No	0.208	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RLK066	848	'7452171_/_7452168'	0.3	0.8	3.33	0.208	0.5	1.19	0.89 No	0.208	Thermal Discharging
RLK066	849	'7583459_/_8527519'	0.23	0.77	3.33	0.208	0.5	1.29	0.89 No	0.208	Thermal Discharging
RLK066	850	'8587431_/_8587428'	0.33	0.77	3.33	0.208	0.1	1.28	0.89 No	0.1	Element Fault
RLK066	851	'3631753_/_3631750'	0.3	0.77	3.33	0.208	0.5	1.28	0.89 No	0.208	Thermal Discharging
RLK066	852	'3631766_/_43355664'	0.27	0.77	3.33	0.208	0.5	1.27	0.89 No	0.208	Thermal Discharging
RLK066	853	'5581834_/_43741551'	0.33	0.73	3.33	0.208	0.5	1.22	0.89 No	0.208	Thermal Discharging
RLK066	854	'4562866_/_4562863'	0.33	0.77	3.33	0.208	0.8	1.27	0.89 No	0.208	Thermal Discharging
RLK066	855	'6513465_/_6513462'	0.33	0.73	3.33	0.208	0.5	1.21	0.89 No	0.208	Thermal Discharging
RLK066	856	'112245508_/_112245483_2'	0.33	0.77	3.33	0.208	0.8	1.27	0.89 No	0.208	Thermal Discharging
RLK066	857	'7962100_/_7962097_2'	0.33	0.77	3.33	0.208	0.3	1.26	0.89 No	0.208	Thermal Discharging
RLK066	858	'6513601_/_6513598'	0.33	0.73	3.33	0.208	0.5	1.2	0.89 No	0.208	Thermal Discharging
RLK066	859	'7328330_/_7328327'	0.3	0.77	3.33	0.208	0.1	1.25	0.89 No	0.1	Element Fault
RLK066	860	'385358090_/_442346207'	0.33	0.77	3.33	0.208	0.5	1.17	0.89 No	0.208	Thermal Discharging
RLK066	861	'3631779_/_3631776'	0.27	0.77	3.33	0.208	0.5	1.25	0.89 No	0.208	Thermal Discharging
RLK066	862	'6513533_/_6513543'	0.3	0.73	3.33	0.208	0.5	1.19	0.89 No	0.208	Thermal Discharging
RLK066	863	'570089398_/_570089414_2'	0.3	0.77	3.33	0.208	0.3	1.24	0.89 No	0.208	Thermal Discharging
RLK066	864	'9343951_/_390053350_2'	0.9	2.1	10	0.616	1.6	3.6	2.67 No	0.616	Thermal Discharging
RLK066	865	'8086703_/_8086701'	0.3	0.73	3.33	0.208	0.5	1.14	0.89 No	0.208	Thermal Discharging
RLK066	866	'43355673_/_3631789'	0.27	0.73	3.33	0.208	0.5	1.22	0.89 No	0.208	Thermal Discharging
RLK066	867	'43931864_/_6513611'	0.3	0.7	3.33	0.208	0.5	1.17	0.89 No	0.208	Thermal Discharging
RLK066	868	'43931397_/_6510308'	0.3	0.7	3.33	0.208	0.5	1.22	0.89 No	0.208	Thermal Discharging
RLK066	869	'6513520_/_6513530'	0.3	0.7	3.33	0.208	0.5	1.17	0.89 No	0.208	Thermal Discharging
RLK066	870	'6516579_/_6516576'	0.3	0.7	3.33	0.208	0.5	1.16	0.89 No	0.208	Thermal Discharging
RLK066	871	'8709358_/_9659748'	0.8	2.1	10	0.616	1.6	3.53	2.67 No	0.616	Thermal Discharging
RLK066	872	'43932126_/_6516589'	0.3	0.7	3.33	0.208	0.5	1.14	0.89 No	0.208	Thermal Discharging
RLK066	873	'9658875_/_9658872'	0.3	0.73	3.33	0.208	0.5	1.11	0.89 No	0.208	Thermal Discharging
RLK066	874	'43931842_/_6513517'	0.3	0.7	3.33	0.208	0.5	1.14	0.89 No	0.208	Thermal Discharging
RLK066	875	'8709359_/_8709356'	0.8	2	10	0.616	1.6	3.49	2.67 No	0.616	Thermal Discharging
RLK066	876	'43536521_/_4562963'	0.3	0.7	3.33	0.208	0.8	1.19	0.89 No	0.208	Thermal Discharging
RLK066	877	'7268640_/_8527455'	0.27	0.7	3.33	0.208	0.5	1.19	0.89 No	0.208	Thermal Discharging
RLK066	878	'43932131_/_43932128'	0.3	0.67	3.33	0.208	0.5	1.13	0.89 No	0.208	Thermal Discharging
RLK066	879	'6509877_/_6509874'	0.3	0.7	3.33	0.208	0.5	1.17	0.89 No	0.208	Thermal Discharging
RLK066	880	'4562924_/_4562921'	0.3	0.7	3.33	0.208	0.8	1.16	0.89 No	0.208	Thermal Discharging
RLK066	881	'6513494_/_6513504'	0.3	0.67	3.33	0.208	0.5	1.11	0.89 No	0.208	Thermal Discharging
RLK066	882	'8163187_/_8527551'	0.23	0.7	3.33	0.208	0.5	1.16	0.89 No	0.208	Thermal Discharging
RLK066	883	'7268639_/_7268637'	0.27	0.7	3.33	0.208	0.5	1.14	0.89 No	0.208	Thermal Discharging
RLK066	884	'4562940_/_4562937'	0.3	0.67	3.33	0.208	0.8	1.13	0.89 No	0.208	Thermal Discharging
RLK066	885	'49933582_/_8587396_1'	0.3	0.67	3.33	0.208	0.3	1.13	0.89 No	0.208	Thermal Discharging
RLK066	886	'6513478_/_6513491'	0.27	0.63	3.33	0.208	0.5	1.08	0.89 No	0.208	Thermal Discharging
RLK066	887	'6509890_/_6509887'	0.3	0.67	3.33	0.208	0.5	1.12	0.89 No	0.208	Thermal Discharging
RLK066	888	'112245472_/_112245483_1'	0.27	0.67	3.33	0.208	0.3	1.12	0.89 No	0.208	Thermal Discharging
RLK066	889	'7272170_/_7272167'	0.27	0.67	3.33	0.208	0.5	1.11	0.89 No	0.208	Thermal Discharging
RLK066	890	'6513477_/_6513475'	0.27	0.63	3.33	0.208	0.5	1.07	0.89 No	0.208	Thermal Discharging
RLK066	891	'4555619_/_4562950'	0.27	0.67	3.33	0.208	0.8	1.1	0.89 No	0.208	Thermal Discharging
RLK066	892	'7452563_/_7452560'	0.23	0.67	3.33	0.208	0.3	0.98	0.89 No	0.208	Thermal Discharging
RLK066	893	'6509915_/_6509900'	0.27	0.63	3.33	0.208	0.5	1.09	0.89 No	0.208	Thermal Discharging
RLK066	894	'123033816_/_123033834'	0.27	0.63	3.33	0.208	0.3	1.08	0.89 No	0.208	Thermal Discharging
RLK066	895	'6509916_/_6509913'	0.27	0.63	3.33	0.208	0.5	1.07	0.89 No	0.208	Thermal Discharging
RLK066	896	'4555620_/_4555617'	0.27	0.63	3.33	0.208	0.8	1.07	0.89 No	0.208	Thermal Discharging
RLK066	897	'6509932_/_6509929'	0.27	0.63	3.33	0.208	0.5	1.06	0.89 No	0.208	Thermal Discharging
RLK066	898	'8587399_/_8587396_2'	0.27	0.63	3.33	0.208	0.3	1.06	0.89 No	0.208	Thermal Discharging
RLK066	899	'4555633_/_4555630'	0.27	0.63	3.33	0.208	0.8	1.05	0.89 No	0.208	Thermal Discharging
RLK066	900	'8163188_/_8163185'	0.2	0.63	3.33	0.208	0.5	1.05	0.89 No	0.2	Primary Over-Voltage
RLK066	901	'6509945_/_6509942'	0.27	0.6	3.33	0.208	0.5	1.04	0.89 No	0.208	Thermal Discharging
RLK066	902	'126127873_/_123033848'	0.27	0.63	3.33	0.208	0.3	1.04	0.89 No	0.208	Thermal Discharging
RLK066	903	'6509958_/_6509955'	0.27	0.6	3.33	0.208	0.5	1.03	0.89 No	0.208	Thermal Discharging
RLK066	904	'43535577_/_4555643'	0.27	0.6	3.33	0.208	0.8	1.02	0.89 No	0.208	Thermal Discharging
RLK066	905	'4551916_/_4555656'	0.27	0.6	3.33	0.208	0.8	1	0.89 No	0.208	Thermal Discharging
RLK066	906	'453841496_/_453841477_1'	0.27	0.6	3.33	0.208	0.3	1	0.89 No	0.208	Thermal Discharging
RLK066	907	'43535566_/_4551914'	0.23	0.57	3.33	0.208	0.8	0.98	0.89 No	0.208	Thermal Discharging
RLK066	908	'441720361_/_441720380'	0.23	0.57	3.33	0.208	0.3	0.97	0.89 No	0.208	Thermal Discharging
RLK066	909	'4551930_/_4551927'	0.23	0.57	3.33	0.208	0.8	0.95	0.89 No	0.208	Thermal Discharging
RLK066	910	'7327801_/_453841477_2'	0.23	0.57	3.33	0.208	0.3	0.93	0.89 No	0.208	Thermal Discharging
RLK066	911	'4551943_/_4551940'	0.23	0.53	3.33	0.208	0.8	0.93	0.89 No	0.208	Thermal Discharging
RLK066	912	'7642734_/_7642732_1'	0.23	0.53	3.33	0.208	0.3	0.92	0.89 No	0.208	Thermal Discharging
RLK066	913	'8527538_/_8527535'	0.17	0.53	3.33	0.208	0.5	0.93	0.89 No	0.17	Primary Over-Voltage
RLK066	914	'43535890_/_4551953'	0.23	0.53	3.33	0.208	0.8	0.91	0.89 No	0.208	Thermal Discharging
RLK066	915	'4562827_/_4562824'	0.23	0.53	3.33	0.208	0.8	0.9	0.89 No	0.208	Thermal Discharging
RLK066	916	'8277683_/_8277680_2'	0.23	0.53	3.33	0.208	0.8	0.9	0.89 No	0.208	Thermal Discharging
RLK066	917	'7643302_/_7643300_1'	0.23	0.53	3.33	0.208	0.3	0.89	0.89 No	0.208	Thermal Discharging
RLK066	918	'7583474_/_8845799'	0.17	0.53	3.33	0.208	0.5	0.88	0.89 No	0.17	Primary Over-Voltage
RLK066	919	'7642735_/_7642732_2'	0.2	0.5	3.33	0.208	0.3	0.86	0.89 No	0.2	Primary Over-Voltage
RLK066	920	'7961444_/_8277680_1'	0.2	0.5	3.33	0.208	0.3	0.86	0.89 No	0.2	Primary Over-Voltage
RLK066	921	'7961411_/_8586960'	0.2	0.5	3.33	0.208	0.3	0.86	0.89 No	0.2	Primary Over-Voltage
RLK066	922	'7961412_/_7961409'	0.2	0.5	3.33	0.208	0.3	0.86	0.89 No	0.2	Primary Over-Voltage
RLK066	923	'7583458_/_7583472'	0.17	0.5	3.33	0.208	0.5	0.84	0.89 No	0.17	Primary Over-Voltage
RLK066	924	'7961476_/_9535590'	0.2	0.5	3.33	0.208	0.3	0.83	0.89 No	0.2	Primary Over-Voltage
RLK066	925	'240661848_/_7583456_1'	0.17	0.5	3.33	0.208	0.5	0.84	0.89 No	0.17	Primary Over-Voltage
RLK066	926	'7961260_/_7961441'	0.2	0.47	3.33	0.208	0.3	0.82	0.89 No	0.2	Primary Over-Voltage
RLK066	927	'8587382_/_7643300_2'	0.2	0.47	3.33	0.208	0.3	0.81	0.89 No	0.2	Primary Over-Voltage
RLK066	928	'7961259_/_7961257'	0.2	0.47	3.33	0.208	0.3	0.81	0.89 No	0.2	Primary Over-Voltage
RLK066	929	'7961475_/_7961473'	0.2	0.47	3.33	0.208	0.3	0.8	0.89 No	0.2	Primary Over-Voltage
RLK066	930	'7961971_/_7961969'	0.2	0.47	3.33	0.208	0.3	0.78	0.89 No	0.2	Primary Over-Voltage
RLK066	931	'8586853_/_9535554'	0.2	0.47	3.33	0.208	0.3	0.78	0.89 No	0.2	Primary Over-Voltage
RLK066	932	'8907071_/_8907069'	0.2	0.47	3.33	0.208	0.3	0.78	0.89 No	0.2	Primary Over-Voltage
RLK066	933	'440743464_/_440743468'	0.2	0.47	3.33	0.208	0.3	0.78	0.89 No	0.2	Primary Over-Voltage
RLK066	934	'7643223_/_9221522'	0.2	0.47	3.33	0.208	0.3	0.78	0.89 No	0.2	Primary Over-Voltage
RLK066	935	'7327818_/_7643220'	0.2	0.47	3.33	0.208	0.3	0.77	0.89 No	0.2	Primary Over-Voltage
RLK066	936	'7327817_/_7961457_1'	0.2	0.47	3.33	0.208	0.3	0.77	0.89 No	0.2	Primary Over-Voltage
RLK066	937	'440743498_/_440743535'	0.2	0.47	3.33	0.208	0.3	0.77	0.89 No	0.2	Primary Over-Voltage
RLK066	938	'440743430_/_440743517'	0.2	0.43	3.33	0.208	0.3	0.75	0.89 No	0.2	Primary Over-Voltage
RLK066	939	'9535541_/_493946082'	0.17	0.43	3.33	0.208	0.3	0.74	0.89 No	0.17	Primary Over-Voltage
RLK066	940	'7328314_/_7328311'	0.17	0.43	3.33	0.208	0.3	0.74	0.89 No	0.17	Primary Over-Voltage
RLK066	941	'37798660_/_8586850'	0.17	0.43	3.33	0.208	0.3	0.73	0.89 No	0.17	Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RLK066	942	'402378709_/37798664_1'	0.17	0.43	3.33	0.208	0.3	0.73	0.89 No	0.17	Primary Over-Voltage
RLK066	943	'37798667_/37798664_2'	0.17	0.43	3.33	0.208	0.3	0.73	0.89 No	0.17	Primary Over-Voltage
RLK066	944	'402378710_/402378707'	0.17	0.43	3.33	0.208	0.3	0.73	0.89 No	0.17	Primary Over-Voltage
RLK066	945	'37798688_/37798692'	0.17	0.43	3.33	0.208	0.3	0.73	0.89 No	0.17	Primary Over-Voltage
RLK066	946	'37798674_/37798671'	0.17	0.43	3.33	0.208	0.3	0.73	0.89 No	0.17	Primary Over-Voltage
RLK066	947	'493946229_/493946110_1'	0.17	0.43	3.33	0.208	0.1	0.73	0.89 No	0.1	Element Fault
RLK066	948	'43535655_/493946110_2'	0.17	0.43	3.33	0.208	0.1	0.73	0.89 No	0.1	Element Fault
RLK066	949	'43535643_/43535645'	0.17	0.43	3.33	0.208	0.1	0.72	0.89 No	0.1	Element Fault
RLK066	950	'8277478_/8277476'	0.17	0.4	3.33	0.208	0.3	0.7	0.89 No	0.17	Primary Over-Voltage
RLK066	951	'7961956_/7961953'	0.17	0.4	3.33	0.208	0.3	0.69	0.89 No	0.17	Primary Over-Voltage
RLK066	952	'54745235_/435995362'	0.17	0.4	3.33	0.208	0.3	0.69	0.89 No	0.17	Primary Over-Voltage
RLK066	953	'54745196_/54745208'	0.17	0.4	3.33	0.208	0.3	0.69	0.89 No	0.17	Primary Over-Voltage
RLK066	954	'54745197_/54745194'	0.17	0.4	3.33	0.208	0.3	0.69	0.89 No	0.17	Primary Over-Voltage
RLK066	955	'54745222_/54745202'	0.17	0.4	3.33	0.208	0.3	0.69	0.89 No	0.17	Primary Over-Voltage
RLK066	956	'54745211_/54745214'	0.17	0.4	3.33	0.208	0.3	0.69	0.89 No	0.17	Primary Over-Voltage
RLK066	957	'8277799_/8277796'	0.17	0.4	3.33	0.208	0.3	0.67	0.89 No	0.17	Primary Over-Voltage
RLK066	958	'8276310_/435995403'	0.17	0.4	3.33	0.208	0.3	0.67	0.89 No	0.17	Primary Over-Voltage
RLK066	959	'54745277_/54745284'	0.17	0.37	3.33	0.208	0.3	0.65	0.89 No	0.17	Primary Over-Voltage
RLK066	960	'37798716_/9534464'	0.17	0.37	3.33	0.208	0.3	0.65	0.89 No	0.17	Primary Over-Voltage
RLK066	961	'37798709_/37798713'	0.17	0.37	3.33	0.208	0.3	0.65	0.89 No	0.17	Primary Over-Voltage
RLK066	962	'37798702_/37798706'	0.17	0.37	3.33	0.208	0.3	0.65	0.89 No	0.17	Primary Over-Voltage
RLK066	963	'37798730_/37798734'	0.17	0.37	3.33	0.208	0.3	0.65	0.89 No	0.17	Primary Over-Voltage
RLK066	964	'37798744_/37798741'	0.17	0.37	3.33	0.208	0.3	0.65	0.89 No	0.17	Primary Over-Voltage
RLK066	965	'7642667_/7642664'	0.17	0.37	3.33	0.208	0.3	0.64	0.89 No	0.17	Primary Over-Voltage
RLK066	966	'7960365_/7960363'	0.17	0.37	3.33	0.208	0.3	0.64	0.89 No	0.17	Primary Over-Voltage
RLK066	967	'8586215_/8586212'	0.17	0.37	3.33	0.208	0.3	0.63	0.89 No	0.17	Primary Over-Voltage
RLK066	968	'8276326_/353041157'	0.17	0.37	3.33	0.208	0.3	0.63	0.89 No	0.17	Primary Over-Voltage
RLK066	969	'9220043_/435995443'	0.13	0.37	3.33	0.208	0.3	0.61	0.89 No	0.13	Primary Over-Voltage
RLK066	970	'7960382_/7960379'	0.13	0.33	3.33	0.208	0.3	0.58	0.89 No	0.13	Primary Over-Voltage
RLK068	0	'RLK068_/8848037'	10	10	10	2.424	10	10	4.3 No	2.424	Thermal Discharging
RLK068	1	'8848039_/8848037'	10	10	10	2.424	10	10	4.3 No	2.424	Thermal Discharging
RLK068	2	'8848054_/9476496'	10	10	10	2.424	10	10	4.3 No	2.424	Thermal Discharging
RLK068	3	'8848053_/8848051'	10	10	10	2.424	10	10	4.3 No	2.424	Thermal Discharging
RLK068	4	'8850046_/8850043'	10	10	10	2.424	10	10	4.3 No	2.424	Thermal Discharging
RLK068	5	'37688148_/37688152'	10	10	10	2.424	10	10	4.3 No	2.424	Thermal Discharging
RLK068	6	'7269195_/9475022'	10	10	10	2.424	10	10	4.3 No	2.424	Thermal Discharging
RLK068	7	'7269196_/7269193'	10	10	10	2.424	10	10	4.3 No	2.424	Thermal Discharging
RLK068	8	'8215833_/8215830'	10	10	10	2.424	10	10	4.3 No	2.424	Thermal Discharging
RLK068	9	'41892177_/8848181'	10	10	10	2.424	10	10	4.3 No	2.424	Thermal Discharging
RLK068	10	'418921858_/418921939'	10	10	10	2.424	10	10	4.3 No	2.424	Thermal Discharging
RLK068	11	'418922155_/418922160'	10	10	10	2.424	10	10	4.3 No	2.424	Thermal Discharging
RLK068	12	'418922540_/418922176'	10	10	10	2.424	10	10	4.3 No	2.424	Thermal Discharging
RLK068	13	'418922154_/418922152'	10	10	10	2.424	10	10	4.3 No	2.424	Thermal Discharging
RLK068	14	'418922631_/418922740'	10	10	10	2.424	10	10	4.3 No	2.424	Thermal Discharging
RLK068	15	'416796917_/418923177'	10	10	10	2.424	10	10	4.3 No	2.424	Thermal Discharging
RLK068	16	'411309735_/418921979'	10	10	10	2.424	10	10	4.3 No	2.424	Thermal Discharging
RLK068	17	'416796923_/418921987'	10	10	10	2.424	10	10	4.3 No	2.424	Thermal Discharging
RLK068	18	'416797068_/418921971'	10	10	10	2.424	4.8	10	4.3 No	2.424	Thermal Discharging
RLK068	19	'416796929_/418921995'	10	10	10	2.424	10	10	4.3 No	2.424	Thermal Discharging
RLK068	20	'418922690_/418922776'	10	10	10	2.424	10	10	4.3 No	2.424	Thermal Discharging
RLK068	21	'7586209_/7586207'	10	10	10	2.424	10	10	4.3 No	2.424	Thermal Discharging
RLK068	22	'428225346_/418922696'	10	10	10	2.424	10	10	4.3 No	2.424	Thermal Discharging
RLK068	23	'400187566_/7586247'	10	10	10	2.424	10	10	4.3 No	2.424	Thermal Discharging
RLK068	24	'39184058_/7270839'	10	10	10	2.424	10	10	4.3 No	2.424	Thermal Discharging
RLK068	25	'37698751_/37698749'	10	10	10	2.424	10	10	4.3 No	2.424	Thermal Discharging
RLK068	26	'37698780_/37698777'	10	10	10	2.424	10	10	4.3 No	2.424	Thermal Discharging
RLK068	27	'37698661_/37698756'	10	10	10	2.424	10	10	4.3 No	2.424	Thermal Discharging
RLK068	28	'37698765_/37698770'	10	10	10	2.424	10	10	4.3 No	2.424	Thermal Discharging
RLK068	29	'37698654_/37698658'	10	10	10	2.424	10	10	4.3 No	2.424	Thermal Discharging
RLK068	30	'50345642_/37698784'	10	10	10	2.424	6.4	10	4.3 No	2.424	Thermal Discharging
RLK068	31	'37698737_/37698763'	10	10	10	2.424	10	10	4.3 No	2.424	Thermal Discharging
RLK068	32	'37698647_/37698651'	10	10	10	2.424	10	10	4.3 No	2.424	Thermal Discharging
RLK068	33	'8848576_/8848573'	10	10	10	2.424	6.4	10	4.3 No	2.424	Thermal Discharging
RLK068	34	'8848596_/9476932'	10	10	10	2.424	6.4	10	4.3 No	2.424	Thermal Discharging
RLK068	35	'37698696_/9164993'	10	10	10	2.424	6.4	10	4.3 No	2.424	Thermal Discharging
RLK068	36	'416796373_/416796298'	10	10	10	2.424	4.8	10	4.3 No	2.424	Thermal Discharging
RLK068	37	'37699647_/9477978'	10	10	10	2.424	10	10	4.3 No	2.424	Thermal Discharging
RLK068	38	'37699703_/37699701'	10	10	10	2.424	10	10	4.3 No	2.424	Thermal Discharging
RLK068	39	'121920162_/37699729'	10	10	10	2.424	10	10	4.3 No	2.424	Thermal Discharging
RLK068	40	'37699634_/37699708'	10	10	10	2.424	10	10	4.3 No	2.424	Thermal Discharging
RLK068	41	'8530968_/37699638'	10	10	10	2.424	10	10	4.3 No	2.424	Thermal Discharging
RLK068	42	'37699633_/37699631'	10	10	10	2.424	4.8	10	4.3 No	2.424	Thermal Discharging
RLK068	43	'7814595_/8849983'	10	10	10	2.424	4.8	10	4.3 No	2.424	Thermal Discharging
RLK068	44	'8849894_/8530966'	10	10	10	2.424	1.5	10	4.3 No	1.5	Element Fault
RLK068	45	'7814596_/7814593'	8	10	10	2.424	4.8	10	4.3 No	2.424	Thermal Discharging
RLK068	46	'8220124_/8220122'	5.3	10	10	2.424	4.8	10	4.3 No	2.424	Thermal Discharging
RLK068	47	'7584541_/9475346'	5.2	10	10	2.424	4.8	10	4.3 No	2.424	Thermal Discharging
RLK068	48	'52370733_/7271979'	5.8	10	10	2.424	4.8	10	4.3 No	2.424	Thermal Discharging
RLK068	49	'7584540_/7584538'	5.2	10	10	2.424	4.8	10	4.3 No	2.424	Thermal Discharging
RLK068	50	'7905102_/8529741'	5	10	10	2.424	4.8	10	4.3 No	2.424	Thermal Discharging
RLK068	51	'52370696_/52370908'	5.5	10	10	2.424	4.8	10	4.3 No	2.424	Thermal Discharging
RLK068	52	'7271981_/52370699'	5.5	10	10	2.424	4.8	10	4.3 No	2.424	Thermal Discharging
RLK068	53	'52370659_/52370662'	5.5	10	10	2.424	4.8	10	4.3 No	2.424	Thermal Discharging
RLK068	54	'7903468_/7905099'	4.8	10	10	2.424	4.8	10	4.3 No	2.424	Thermal Discharging
RLK068	55	'52370784_/52370929'	5.2	10	10	2.424	4.8	10	4.3 No	2.424	Thermal Discharging
RLK068	56	'52370792_/52370736'	5.1	10	10	2.424	4.8	10	4.3 No	2.424	Thermal Discharging
RLK068	57	'52370829_/52370942'	5	10	10	2.424	4.8	10	4.3 No	2.424	Thermal Discharging
RLK068	58	'357239601_/8845815'	4.7	10	10	2.424	4.8	10	4.3 No	2.424	Thermal Discharging
RLK068	59	'357239516_/357239605'	4.7	10	10	2.424	4.8	10	4.3 No	2.424	Thermal Discharging
RLK068	60	'368796122_/357239520'	4.6	10	10	2.424	4.8	10	4.3 No	2.424	Thermal Discharging
RLK068	61	'359441222_/368796240'	4.5	10	10	2.424	4.8	10	4.3 No	2.424	Thermal Discharging
RLK068	62	'359441284_/359441303'	4.2	10	10	2.424	4.8	10	4.3 No	2.424	Thermal Discharging
RLK068	63	'7903467_/7903465'	3.9	9.3	10	2.424	4.8	10	4.3 No	2.424	Thermal Discharging
RLK068	64	'359441268_/359441329'	4	9.2	10	2.424	4.8	10	4.3 No	2.424	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RLK068	65	'7903488_/_7903485'	3.7	8.6	10	2.424	4.8	10	4.3 No	2.424	Thermal Discharging
RLK068	66	'8528574_/_8528571'	3.7	8.6	10	2.424	4.8	10	4.3 No	2.424	Thermal Discharging
RLK068	67	'8530677_/_8530674'	3.4	7.8	10	2.424	4.8	10	4.3 No	2.424	Thermal Discharging
RLK068	68	'8443502_/_9707254'	3.3	7.5	10	2.424	4.8	10	4.3 No	2.424	Thermal Discharging
RLK068	69	'7742147_/_8443500'	3.3	7.4	10	2.424	4.8	10	4.3 No	2.424	Thermal Discharging
RLK068	70	'40983015_/_7742145'	3	6.9	10	2.424	4.8	10	4.3 No	2.424	Thermal Discharging
RLK068	71	'7742148_/_44106318'	2.9	6.6	10	2.424	4.8	10	4.3 No	2.424	Thermal Discharging
RLK068	72	'8443523_/_8443520'	2.9	6.5	10	2.424	4.8	10	4.3 No	2.424	Thermal Discharging
RLK068	73	'68925816_/_357239781_2'	3	6.6	10	2.424	4.8	10	4.3 No	2.424	Thermal Discharging
RLK068	74	'8221258_/_9707198'	2.8	6.3	10	2.424	4.8	10	4.3 No	2.424	Thermal Discharging
RLK068	75	'8221259_/_8221256'	2.6	5.8	10	2.424	4.8	10	4.3 No	2.424	Thermal Discharging
RLK068	76	'533862232_/_8530694'	2.6	5.8	10	2.424	4.8	10	4.3 No	2.424	Thermal Discharging
RLK068	77	'533862111_/_533862229'	2.6	5.8	10	2.424	4.8	10	4.3 No	2.424	Thermal Discharging
RLK068	78	'533862116_/_510001592'	2.6	5.8	10	2.424	4.8	10	4.3 No	2.424	Thermal Discharging
RLK068	79	'533862114_/_510001598'	2.6	5.8	10	2.424	4.8	10	4.3 No	2.424	Thermal Discharging
RLK068	80	'533862144_/_510001604'	2.6	5.8	10	2.424	4.8	10	4.3 No	2.424	Thermal Discharging
RLK068	81	'533862214_/_510001586'	2.6	5.8	10	2.424	4.8	10	4.3 No	2.424	Thermal Discharging
RLK068	82	'533862217_/_533862215'	2.6	5.7	10	2.424	4.8	10	4.3 No	2.424	Thermal Discharging
RLK068	83	'533862334_/_533862331'	2.5	5.7	10	2.424	4.8	10	4.3 No	2.424	Thermal Discharging
RLK068	84	'7584560_/_533862263'	2.4	5.4	10	2.424	4.8	10	4.3 No	2.4	Primary Over-Voltage
RLK068	85	'7584561_/_7584558'	2.4	5.4	10	2.424	4.8	10	4.3 No	2.4	Primary Over-Voltage
RLK069	0	'RLK069_/_7270333'	10	10	10	1.688	10	10	2.45 No	1.688	Thermal Discharging
RLK069	1	'114599768_/_7270333'	10	10	10	1.688	10	10	2.45 No	1.688	Thermal Discharging
RLK069	2	'3657702_/_8529225'	10	10	10	1.688	10	10	2.44 No	1.688	Thermal Discharging
RLK069	3	'43360701_/_43360703'	10	10	10	1.688	10	10	2.44 No	1.688	Thermal Discharging
RLK069	4	'3657634_/_3657632'	10	10	10	1.688	10	10	2.44 No	1.688	Thermal Discharging
RLK069	5	'3657618_/_3657719'	10	10	10	1.688	10	10	2.44 No	1.688	Thermal Discharging
RLK069	6	'43360688_/_43360690'	10	10	10	1.688	10	10	2.43 No	1.688	Thermal Discharging
RLK069	7	'3644020_/_3657595'	10	10	10	1.688	10	10	2.43 No	1.688	Thermal Discharging
RLK069	8	'3657486_/_3657578'	10	10	10	1.688	10	10	2.43 No	1.688	Thermal Discharging
RLK069	9	'3657487_/_3657484'	3.33	3.33	3.33	0.56	0.5	3.33	0.81 No	0.5	Element Fault
RLK069	10	'3643987_/_3644018'	10	10	10	1.688	10	10	2.43 No	1.688	Thermal Discharging
RLK069	11	'3657470_/_3657561'	10	10	10	1.688	10	10	2.43 No	1.688	Thermal Discharging
RLK069	12	'522168148_/_3643985_1'	3.33	3.33	3.33	0.56	0.5	3.33	0.81 No	0.5	Element Fault
RLK069	13	'43360714_/_3644038'	10	10	10	1.688	10	10	2.43 No	1.688	Thermal Discharging
RLK069	14	'3657667_/_3657665'	10	10	10	1.688	10	10	2.43 No	1.688	Thermal Discharging
RLK069	15	'3657471_/_3657468'	3.33	3.33	3.33	0.56	0.5	3.33	0.81 No	0.5	Element Fault
RLK069	16	'3664492_/_3664490'	10	10	10	1.688	10	10	2.43 No	1.688	Thermal Discharging
RLK069	17	'3664510_/_3664541'	10	10	10	1.688	10	10	2.43 No	1.688	Thermal Discharging
RLK069	18	'3632044_/_3657649'	3.33	3.33	3.33	0.56	0.5	3.33	0.81 No	0.5	Element Fault
RLK069	19	'3657547_/_3664507'	10	10	10	1.688	10	10	2.43 No	1.688	Thermal Discharging
RLK069	20	'7905626_/_576360440_2'	10	10	10	1.688	5.4	10	2.43 No	1.688	Thermal Discharging
RLK069	21	'3657530_/_3657544'	10	10	10	1.688	10	10	2.43 No	1.688	Thermal Discharging
RLK069	22	'576846066_/_576846070'	10	10	10	1.688	10	10	2.43 No	1.688	Thermal Discharging
RLK069	23	'43360675_/_43360677'	10	10	10	1.688	10	10	2.43 No	1.688	Thermal Discharging
RLK069	24	'3632057_/_3657497'	3.33	3.33	3.33	0.56	0.5	3.33	0.81 No	0.5	Element Fault
RLK069	25	'3649683_/_3657510'	10	10	10	1.688	10	10	2.43 No	1.688	Thermal Discharging
RLK069	26	'3632410_/_3649680'	10	10	10	1.688	10	10	2.43 No	1.688	Thermal Discharging
RLK069	27	'3632411_/_3632408'	3.33	3.33	3.33	0.56	0.5	3.33	0.81 No	0.5	Element Fault
RLK069	28	'3595858_/_3640405'	10	10	10	1.688	10	10	2.43 No	1.688	Thermal Discharging
RLK069	29	'8845746_/_9164069_1'	10	10	10	1.688	1.5	10	2.43 No	1.5	Element Fault
RLK069	30	'8219021_/_9164069_2'	10	10	10	1.688	1.5	10	2.43 No	1.5	Element Fault
RLK069	31	'43355708_/_3595855'	10	10	10	1.688	10	10	2.43 No	1.688	Thermal Discharging
RLK069	32	'255393256_/_255393067_1'	10	10	10	1.688	1.5	10	2.43 No	1.5	Element Fault
RLK069	33	'43355734_/_43355736'	3.33	3.33	3.33	0.56	0.5	3.33	0.81 No	0.5	Element Fault
RLK069	34	'3640013_/_3640388'	10	10	10	1.688	10	10	2.43 No	1.688	Thermal Discharging
RLK069	35	'576360436_/_576360440_1'	10	10	10	1.688	1	10	2.43 No	1	Element Fault
RLK069	36	'522168043_/_3643985_2'	3.33	3.33	3.33	0.56	0.5	3.33	0.81 No	0.5	Element Fault
RLK069	37	'43360727_/_3643985_4'	3.33	3.33	3.33	0.56	0.5	3.33	0.81 No	0.5	Element Fault
RLK069	38	'3643988_/_3643985_3'	3.33	3.33	3.33	0.56	0.5	3.33	0.81 No	0.5	Element Fault
RLK069	39	'8845725_/_8845723_1'	10	10	10	1.688	1.6	10	2.43 No	1.6	Element Fault
RLK069	40	'43355809_/_3632042'	3.33	3.33	3.33	0.56	0.5	3.33	0.81 No	0.5	Element Fault
RLK069	41	'3639996_/_3640010'	10	10	10	1.688	10	10	2.43 No	1.688	Thermal Discharging
RLK069	42	'3633624_/_3633622'	3.33	3.33	3.33	0.56	0.5	3.33	0.81 No	0.5	Element Fault
RLK069	43	'3632058_/_3632055'	3.33	3.33	3.33	0.56	0.5	3.33	0.81 No	0.5	Element Fault
RLK069	44	'3631940_/_3639993'	10	10	10	1.688	10	10	2.43 No	1.688	Thermal Discharging
RLK069	45	'43355721_/_3639976'	10	10	10	1.688	10	10	2.43 No	1.688	Thermal Discharging
RLK069	46	'576360418_/_576360469'	10	10	10	1.688	1	10	2.43 No	1	Element Fault
RLK069	47	'8219020_/_8219018'	10	10	10	1.688	1.5	10	2.43 No	1.5	Element Fault
RLK069	48	'487781659_/_3631938'	10	10	10	1.688	4.5	10	2.43 No	1.688	Thermal Discharging
RLK069	49	'391000519_/_8528865'	10	10	10	1.688	1.5	10	2.43 No	1.5	Element Fault
RLK069	50	'487781888_/_487781713_1'	10	10	10	1.688	1.4	10	2.43 No	1.4	Element Fault
RLK069	51	'5595087_/_7075386'	10	10	10	1.688	10	10	2.43 No	1.688	Thermal Discharging
RLK069	52	'3631941_/_487781663'	10	10	10	1.688	4.5	10	2.43 No	1.688	Thermal Discharging
RLK069	53	'9162572_/_391000604'	10	10	10	1.688	1.5	10	2.43 No	1.5	Element Fault
RLK069	54	'5595086_/_5595084'	10	10	10	1.688	10	10	2.43 No	1.688	Thermal Discharging
RLK069	55	'576360487_/_576360518'	10	10	10	1.688	1	10	2.43 No	1	Element Fault
RLK069	56	'303894115_/_255393067_2'	10	10	10	1.688	1.5	10	2.43 No	1.5	Element Fault
RLK069	57	'391000475_/_391000579'	10	10	10	1.688	1.5	10	2.43 No	1.5	Element Fault
RLK069	58	'66274155_/_43742918'	10	10	10	1.688	10	10	2.43 No	1.688	Thermal Discharging
RLK069	59	'66274215_/_66274188_1'	10	10	10	1.688	10	10	2.43 No	1.688	Thermal Discharging
RLK069	60	'5587603_/_90527446'	10	10	10	1.688	10	10	2.43 No	1.688	Thermal Discharging
RLK069	61	'43742916_/_66274158'	10	10	10	1.688	10	10	2.43 No	1.688	Thermal Discharging
RLK069	62	'43355798_/_3632068'	3.33	3.33	3.33	0.56	0.5	3.33	0.81 No	0.5	Element Fault
RLK069	63	'5587602_/_5587600'	10	10	10	1.688	10	10	2.43 No	1.688	Thermal Discharging
RLK069	64	'43355698_/_3632291'	10	10	10	1.688	4.5	10	2.43 No	1.688	Thermal Discharging
RLK069	65	'5587924_/_5588046'	10	10	10	1.688	10	10	2.43 No	1.688	Thermal Discharging
RLK069	66	'3632294_/_544830226_2'	10	10	10	1.688	4.3	10	2.43 No	1.688	Thermal Discharging
RLK069	67	'3632045_/_43355811'	3.33	3.33	3.33	0.56	0.5	3.33	0.81 No	0.5	Element Fault
RLK069	68	'5587907_/_5587921'	10	10	10	1.688	10	10	2.43 No	1.688	Thermal Discharging
RLK069	69	'536340162_/_255393114'	10	10	10	1.688	1.5	10	2.43 No	1.5	Element Fault
RLK069	70	'8220640_/_8220638'	10	10	10	1.688	1	10	2.43 No	1	Element Fault
RLK069	71	'5587890_/_5587904'	10	10	10	1.688	10	10	2.43 No	1.688	Thermal Discharging
RLK069	72	'5587873_/_5587887'	10	10	10	1.688	10	10	2.43 No	1.688	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RLK069	73	'5587856_/_5587870'	10	10	10	1.688	10	10	2.43 No	1.688	Thermal Discharging
RLK069	74	'43743398_/_5587853'	10	10	10	1.688	10	10	2.43 No	1.688	Thermal Discharging
RLK069	75	'5587822_/_5587836'	10	10	10	1.688	10	10	2.43 No	1.688	Thermal Discharging
RLK069	76	'536340231_/_536340247'	10	10	10	1.688	1.5	10	2.43 No	1.5	Element Fault
RLK069	77	'5587805_/_5587819'	10	10	10	1.688	10	10	2.43 No	1.688	Thermal Discharging
RLK069	78	'43743385_/_5587802'	10	10	10	1.688	10	10	2.43 No	1.688	Thermal Discharging
RLK069	79	'3664438_/_43355800'	3.33	3.33	3.33	0.56	0.5	3.33	0.81 No	0.5	Element Fault
RLK069	80	'5587768_/_5587785'	10	10	10	1.688	10	10	2.43 No	1.688	Thermal Discharging
RLK069	81	'544830222_/_544830226_1'	10	10	10	1.688	1.5	10	2.43 No	1.5	Element Fault
RLK069	82	'8664683_/_8664697_2'	3.33	3.33	3.33	0.56	1.4	3.33	0.81 No	0.56	Thermal Discharging
RLK069	83	'5587748_/_5587765'	10	10	10	1.688	10	10	2.43 No	1.688	Thermal Discharging
RLK069	84	'544830257_/_544830276'	10	10	10	1.688	1.5	10	2.43 No	1.5	Element Fault
RLK069	85	'8845726_/_8845723_2'	10	10	10	1.688	1.6	10	2.43 No	1.6	Element Fault
RLK069	86	'7406900_/_8043480'	3.33	3.33	3.33	0.56	1.4	3.33	0.81 No	0.56	Thermal Discharging
RLK069	87	'5587727_/_5587745'	10	10	10	1.688	10	10	2.43 No	1.688	Thermal Discharging
RLK069	88	'43361535_/_3664474'	3.33	3.33	3.33	0.56	0.5	3.33	0.81 No	0.5	Element Fault
RLK069	89	'536340197_/_536340263'	10	10	10	1.688	1.5	10	2.43 No	1.5	Element Fault
RLK069	90	'3642426_/_7075629'	10	10	10	1.688	10	10	2.43 No	1.688	Thermal Discharging
RLK069	91	'3642409_/_3642423'	10	10	10	1.688	10	10	2.43 No	1.688	Thermal Discharging
RLK069	92	'3642392_/_3642406'	10	10	10	1.688	10	10	2.43 No	1.688	Thermal Discharging
RLK069	93	'7271411_/_8849215'	3.33	3.33	3.33	0.56	0.33	3.33	0.81 No	0.33	Element Fault
RLK069	94	'43743374_/_5594031'	3.33	3.33	3.33	0.56	1	3.33	0.81 No	0.56	Thermal Discharging
RLK069	95	'3642375_/_3642389'	10	10	10	1.688	10	10	2.43 No	1.688	Thermal Discharging
RLK069	96	'8664699_/_8664697_1'	3.33	3.33	3.33	0.56	0.5	3.33	0.81 No	0.5	Element Fault
RLK069	97	'7271412_/_7271409'	3.33	3.33	3.33	0.56	0.33	3.33	0.81 No	0.33	Element Fault
RLK069	98	'3664477_/_43361537'	3.33	3.33	3.33	0.56	0.5	3.33	0.81 No	0.5	Element Fault
RLK069	99	'43355942_/_43355944'	10	10	10	1.688	10	10	2.43 No	1.688	Thermal Discharging
RLK069	100	'5594034_/_43743376'	3.33	3.33	3.33	0.56	0.5	3.33	0.81 No	0.5	Element Fault
RLK069	101	'43355929_/_43355931'	10	10	10	1.688	10	10	2.43 No	1.688	Thermal Discharging
RLK069	102	'325540111_/_536340201'	10	10	10	1.688	1.5	10	2.43 No	1.5	Element Fault
RLK069	103	'3647233_/_3647250'	10	10	10	1.688	10	10	2.43 No	1.688	Thermal Discharging
RLK069	104	'3642286_/_3647230'	10	10	10	1.688	10	10	2.43 No	1.688	Thermal Discharging
RLK069	105	'3664451_/_3664448'	3.33	3.33	3.33	0.56	0.5	3.33	0.81 No	0.5	Element Fault
RLK069	106	'3642287_/_3642284'	10	10	10	1.688	10	10	2.43 No	1.688	Thermal Discharging
RLK069	107	'3666692_/_3666689'	10	10	10	1.688	10	10	2.43 No	1.688	Thermal Discharging
RLK069	108	'3642303_/_3666706'	10	10	10	1.688	10	10	2.43 No	1.688	Thermal Discharging
RLK069	109	'487781697_/_487781713_2'	10	10	10	1.688	1.4	10	2.43 No	1.4	Element Fault
RLK069	110	'3642304_/_3642301'	10	10	10	1.688	10	10	2.43 No	1.688	Thermal Discharging
RLK069	111	'7271670_/_8849515_1'	10	10	10	1.688	5.3	10	2.43 No	1.688	Thermal Discharging
RLK069	112	'3642324_/_3642321'	10	10	10	1.688	10	10	2.43 No	1.688	Thermal Discharging
RLK069	113	'43359347_/_3648306'	10	10	10	1.688	10	10	2.43 No	1.688	Thermal Discharging
RLK069	114	'3664464_/_3664461'	3.33	3.33	3.33	0.56	0.5	3.33	0.81 No	0.5	Element Fault
RLK069	115	'7720401_/_7720398'	3.33	3.33	3.33	0.56	0.5	3.33	0.81 No	0.5	Element Fault
RLK069	116	'3632326_/_43359349'	10	10	10	1.688	10	10	2.43 No	1.688	Thermal Discharging
RLK069	117	'7259841_/_7259839'	10	10	10	1.688	1.5	10	2.43 No	1.5	Element Fault
RLK069	118	'8664716_/_8664713'	3.33	3.33	3.33	0.56	0.5	3.33	0.81 No	0.5	Element Fault
RLK069	119	'5568189_/_7075586'	10	10	10	1.688	10	10	2.43 No	1.688	Thermal Discharging
RLK069	120	'43743219_/_43743221'	10	10	10	1.688	10	10	2.43 No	1.688	Thermal Discharging
RLK069	121	'487781731_/_487781747'	10	10	10	1.688	1.4	10	2.43 No	1.4	Element Fault
RLK069	122	'43743206_/_43743208'	10	10	10	1.688	10	10	2.43 No	1.688	Thermal Discharging
RLK069	123	'5587654_/_5587651_2'	10	10	10	1.688	10	10	2.43 No	1.688	Thermal Discharging
RLK069	124	'5587653_/_5587651_1'	10	10	10	1.688	10	10	2.43 No	1.688	Thermal Discharging
RLK069	125	'43743193_/_43743195'	10	10	10	1.688	10	10	2.43 No	1.688	Thermal Discharging
RLK069	126	'43743232_/_5588495'	10	10	10	1.688	4.9	10	2.43 No	1.688	Thermal Discharging
RLK069	127	'3632327_/_3632324'	3.33	3.33	3.33	0.56	1.5	3.33	0.81 No	0.56	Thermal Discharging
RLK069	128	'362036118_/_5568209_1'	10	10	10	1.688	2.6	10	2.43 No	1.688	Thermal Discharging
RLK069	129	'5568211_/_5568209_2'	10	10	10	1.688	2.6	10	2.43 No	1.688	Thermal Discharging
RLK069	130	'3642358_/_7075609'	10	10	10	1.688	10	10	2.43 No	1.688	Thermal Discharging
RLK069	131	'3632342_/_3632395'	3.33	3.33	3.33	0.56	1.1	3.33	0.81 No	0.56	Thermal Discharging
RLK069	132	'3642341_/_3642355'	10	10	10	1.688	10	10	2.43 No	1.688	Thermal Discharging
RLK069	133	'7475544_/_7475542_1'	3.33	3.33	3.33	0.56	0.5	3.33	0.81 No	0.5	Element Fault
RLK069	134	'3642340_/_3642338'	10	10	10	1.688	10	10	2.43 No	1.688	Thermal Discharging
RLK069	135	'43743245_/_5568209_3'	10	10	10	1.688	2.6	10	2.43 No	1.688	Thermal Discharging
RLK069	136	'3642599_/_3642596'	10	10	10	1.688	10	10	2.43 No	1.688	Thermal Discharging
RLK069	137	'3655914_/_3655911'	10	10	10	1.688	10	10	2.43 No	1.688	Thermal Discharging
RLK069	138	'5588012_/_7075649'	10	10	10	1.688	10	10	2.43 No	1.688	Thermal Discharging
RLK069	139	'3655931_/_3655928'	10	10	10	1.688	10	10	2.43 No	1.688	Thermal Discharging
RLK069	140	'5588011_/_5588009'	10	10	10	1.688	10	10	2.43 No	1.688	Thermal Discharging
RLK069	141	'5568169_/_5568186_2'	10	10	10	1.688	3.5	10	2.43 No	1.688	Thermal Discharging
RLK069	142	'7479881_/_8357372'	10	10	10	1.688	5.3	10	2.43 No	1.688	Thermal Discharging
RLK069	143	'5588105_/_5588103'	10	10	10	1.688	10	10	2.43 No	1.688	Thermal Discharging
RLK069	144	'5589371_/_5589384'	3.33	3.33	3.33	0.56	1.1	3.33	0.81 No	0.56	Thermal Discharging
RLK069	145	'43743180_/_5568186_1'	10	10	10	1.688	1.6	10	2.43 No	1.6	Element Fault
RLK069	146	'5588089_/_5588123'	10	10	10	1.688	10	10	2.43 No	1.688	Thermal Discharging
RLK069	147	'8664812_/_9611429_1'	10	10	10	1.688	1.5	10	2.43 No	1.5	Element Fault
RLK069	148	'5587992_/_5588086'	10	10	10	1.688	10	10	2.43 No	1.688	Thermal Discharging
RLK069	149	'9611432_/_9611429_2'	10	10	10	1.688	1.5	10	2.43 No	1.5	Element Fault
RLK069	150	'5587975_/_5587989'	10	10	10	1.688	10	10	2.43 No	1.688	Thermal Discharging
RLK069	151	'3632343_/_3632340'	3.33	3.33	3.33	0.56	0.5	3.33	0.81 No	0.5	Element Fault
RLK069	152	'5587958_/_5587972'	10	10	10	1.688	10	10	2.43 No	1.688	Thermal Discharging
RLK069	153	'8849518_/_8849515_2'	10	10	10	1.688	5.3	10	2.43 No	1.688	Thermal Discharging
RLK069	154	'5568121_/_5589368'	3.33	3.33	3.33	0.56	0.5	3.33	0.81 No	0.5	Element Fault
RLK069	155	'5587957_/_5587955'	10	10	10	1.688	10	10	2.43 No	1.688	Thermal Discharging
RLK069	156	'5592196_/_5592210_2'	10	10	10	1.688	10	10	2.43 No	1.688	Thermal Discharging
RLK069	157	'43743723_/_5592210_1'	10	10	10	1.688	10	10	2.43 No	1.688	Thermal Discharging
RLK069	158	'43743166_/_43743168'	10	10	10	1.688	1.6	10	2.43 No	1.6	Element Fault
RLK069	159	'9477503_/_9477500'	7.7	10	10	1.688	1	10	2.43 No	1	Element Fault
RLK069	160	'5568375_/_5592193'	10	10	10	1.688	10	10	2.43 No	1.688	Thermal Discharging
RLK069	161	'7406901_/_7406898'	3.33	3.33	3.33	0.56	0.5	3.33	0.81 No	0.5	Element Fault
RLK069	162	'5592459_/_5592456'	10	10	10	1.688	2.6	10	2.43 No	1.688	Thermal Discharging
RLK069	163	'66808911_/_5592176'	10	10	10	1.688	10	10	2.43 No	1.688	Thermal Discharging
RLK069	164	'5592162_/_66808914'	10	10	10	1.688	10	10	2.43 No	1.688	Thermal Discharging
RLK069	165	'5592145_/_5592159'	10	10	10	1.688	10	10	2.43 No	1.688	Thermal Discharging
RLK069	166	'5592128_/_5592142'	10	10	10	1.688	10	10	2.43 No	1.688	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RLK069	167	'43743932_/_5568119'	3.33	3.33	3.33	0.56	0.5	3.33	0.81 No	0.5 Element Fault	
RLK069	168	'8043515_/_8664745'	3.33	3.33	3.33	0.56	0.5	3.33	0.81 No	0.5 Element Fault	
RLK069	169	'5587941_/_5592125'	10	10	10	1.688	10	10	2.43 No	1.688 Thermal Discharging	
RLK069	170	'43743845_/_5592712'	10	10	10	1.688	2.6	10	2.43 No	1.688 Thermal Discharging	
RLK069	171	'5568152_/_5568166'	10	10	10	1.688	1.6	10	2.43 No	1.6 Element Fault	
RLK069	172	'43355918_/_3632356'	3.33	3.33	3.33	0.56	0.5	3.33	0.81 No	0.5 Element Fault	
RLK069	173	'5587940_/_5587938'	10	10	10	1.688	10	10	2.43 No	1.688 Thermal Discharging	
RLK069	174	'8043403_/_8043544_1'	3.33	3.33	3.33	0.56	0.3	3.33	0.81 No	0.3 Element Fault	
RLK069	175	'5592748_/_5592762'	10	10	10	1.688	10	10	2.43 No	1.688 Thermal Discharging	
RLK069	176	'43741693_/_43741695'	10	10	10	1.688	10	10	2.43 No	1.688 Thermal Discharging	
RLK069	177	'5586902_/_5592799'	10	10	10	1.688	10	10	2.43 No	1.688 Thermal Discharging	
RLK069	178	'5568134_/_5568149'	10	10	10	1.688	1.6	10	2.43 No	1.6 Element Fault	
RLK069	179	'7479880_/_7479878'	10	10	10	1.688	2.4	10	2.43 No	1.688 Thermal Discharging	
RLK069	180	'5586901_/_5586899'	10	10	10	1.688	10	10	2.43 No	1.688 Thermal Discharging	
RLK069	181	'7475545_/_7475542_2'	3.33	3.33	3.33	0.56	0.5	3.33	0.81 No	0.5 Element Fault	
RLK069	182	'5591989_/_5592003'	10	10	10	1.688	10	10	2.43 No	1.688 Thermal Discharging	
RLK069	183	'5568122_/_43743934'	3.33	3.33	3.33	0.56	0.5	3.33	0.81 No	0.5 Element Fault	
RLK069	184	'5586885_/_5591986'	10	10	10	1.688	10	10	2.43 No	1.688 Thermal Discharging	
RLK069	185	'5586868_/_5586882'	10	10	10	1.688	10	10	2.43 No	1.688 Thermal Discharging	
RLK069	186	'43743258_/_43743847'	10	10	10	1.688	2.6	10	2.43 No	1.688 Thermal Discharging	
RLK069	187	'8984419_/_9300154'	3.33	3.33	3.33	0.56	0.5	3.33	0.81 No	0.5 Element Fault	
RLK069	188	'5586867_/_5586865'	10	10	10	1.688	10	10	2.43 No	1.688 Thermal Discharging	
RLK069	189	'5592057_/_5592071'	10	10	10	1.688	10	10	2.43 No	1.688 Thermal Discharging	
RLK069	190	'3632372_/_3632369'	3.33	3.33	3.33	0.56	0.5	3.33	0.81 No	0.5 Element Fault	
RLK069	191	'8043547_/_8043544_2'	3.33	3.33	3.33	0.56	0.3	3.33	0.81 No	0.3 Element Fault	
RLK069	192	'5591716_/_5592054'	10	10	10	1.688	10	10	2.43 No	1.688 Thermal Discharging	
RLK069	193	'5591746_/_5591786_1'	10	10	10	1.688	1.5	10	2.43 No	1.5 Element Fault	
RLK069	194	'5591700_/_5592037'	10	10	10	1.688	10	10	2.43 No	1.688 Thermal Discharging	
RLK069	195	'5568234_/_43743260'	10	10	10	1.688	2.6	10	2.43 No	1.688 Thermal Discharging	
RLK069	196	'43743688_/_5592088'	10	10	10	1.688	10	10	2.43 No	1.688 Thermal Discharging	
RLK069	197	'5582722_/_5591786_2'	10	10	10	1.688	1.5	10	2.43 No	1.5 Element Fault	
RLK069	198	'5592110_/_5592108'	10	10	10	1.688	10	10	2.43 No	1.688 Thermal Discharging	
RLK069	199	'8043070_/_89561136_1'	10	10	10	1.688	0.9	10	2.43 No	0.9 Element Fault	
RLK069	200	'8043595_/_8043592'	3.33	3.33	3.33	0.56	0.5	3.33	0.81 No	0.5 Element Fault	
RLK069	201	'5589214_/_5593526'	10	10	10	1.688	10	10	2.43 No	1.688 Thermal Discharging	
RLK069	202	'5568235_/_5568232'	10	10	10	1.688	2.6	10	2.43 No	1.688 Thermal Discharging	
RLK069	203	'43743153_/_5568132'	10	10	10	1.688	1.6	10	2.43 No	1.6 Element Fault	
RLK069	204	'428113867_/_5589212'	10	10	10	1.688	5.5	10	2.43 No	1.688 Thermal Discharging	
RLK069	205	'446024485_/_428113999_1'	10	10	10	1.688	1.5	10	2.43 No	1.5 Element Fault	
RLK069	206	'3632385_/_3632382'	3.33	3.33	3.33	0.56	0.5	3.33	0.81 No	0.5 Element Fault	
RLK069	207	'43741754_/_428113875'	10	10	10	1.688	5.5	10	2.43 No	1.688 Thermal Discharging	
RLK069	208	'428113980_/_428113999_2'	10	10	10	1.688	1.5	10	2.43 No	1.5 Element Fault	
RLK069	209	'5593492_/_5593509'	10	10	10	1.688	4.9	10	2.43 No	1.688 Thermal Discharging	
RLK069	210	'5592661_/_5592658'	10	10	10	1.688	2.6	10	2.43 No	1.688 Thermal Discharging	
RLK069	211	'5567778_/_5567775_2'	10	10	10	1.688	5.5	10	2.43 No	1.688 Thermal Discharging	
RLK069	212	'5568376_/_5568386_1'	3.33	3.33	3.33	0.56	0.5	3.33	0.81 No	0.5 Element Fault	
RLK069	213	'8043763_/_9300286'	3.33	3.33	3.33	0.56	1.4	3.33	0.81 No	0.56 Thermal Discharging	
RLK069	214	'5568389_/_5568386_2'	3.33	3.33	3.33	0.56	0.5	3.33	0.81 No	0.5 Element Fault	
RLK069	215	'402679170_/_8043760_2'	3.33	3.33	3.33	0.56	0.5	3.33	0.81 No	0.5 Element Fault	
RLK069	216	'9300304_/_9300302_1'	3.33	3.33	3.33	0.56	0.5	3.33	0.81 No	0.5 Element Fault	
RLK069	217	'5567761_/_5567775_1'	10	10	10	1.688	4.1	10	2.43 No	1.688 Thermal Discharging	
RLK069	218	'7479860_/_7479858_2'	10	10	10	1.688	2.4	10	2.43 No	1.688 Thermal Discharging	
RLK069	219	'5589022_/_7479858_1'	10	10	10	1.688	1.5	10	2.43 No	1.5 Element Fault	
RLK069	220	'7406885_/_8043660'	3.33	3.33	3.33	0.56	0.5	3.33	0.81 No	0.5 Element Fault	
RLK069	221	'5593730_/_5593489_2'	10	10	10	1.688	4.9	10	2.43 No	1.688 Thermal Discharging	
RLK069	222	'5568135_/_43743155'	10	10	10	1.688	1.6	10	2.43 No	1.6 Element Fault	
RLK069	223	'43743675_/_5593489_1'	10	10	10	1.688	4.9	10	2.43 No	1.688 Thermal Discharging	
RLK069	224	'43743832_/_5592675'	10	10	10	1.688	2.6	10	2.43 No	1.688 Thermal Discharging	
RLK069	225	'7719850_/_89561136_2'	10	10	10	1.688	0.9	10	2.43 No	0.9 Element Fault	
RLK069	226	'3632469_/_3632466'	3.33	3.33	3.33	0.56	0.5	3.33	0.81 No	0.5 Element Fault	
RLK069	227	'5568402_/_5568399'	3.33	3.33	3.33	0.56	0.5	3.33	0.81 No	0.5 Element Fault	
RLK069	228	'8043498_/_8984417'	2.1	3.33	3.33	0.56	0.5	3.33	0.81 No	0.5 Element Fault	
RLK069	229	'5589161_/_43743435_2'	3.33	3.33	3.33	0.56	1.1	3.33	0.81 No	0.56 Thermal Discharging	
RLK069	230	'8043499_/_8043512_1'	2	3.33	3.33	0.56	0.5	3.33	0.81 No	0.5 Element Fault	
RLK069	231	'43743758_/_5568438'	3.33	3.33	3.33	0.56	0.5	3.33	0.81 No	0.5 Element Fault	
RLK069	232	'5568415_/_5568412'	3.33	3.33	3.33	0.56	0.5	3.33	0.81 No	0.5 Element Fault	
RLK069	233	'5567744_/_5567758'	10	10	10	1.688	4.1	10	2.43 No	1.688 Thermal Discharging	
RLK069	234	'7719734_/_574449327_3'	3.33	3.33	3.33	0.56	1.4	3.33	0.81 No	0.56 Thermal Discharging	
RLK069	235	'5593910_/_43743677_1'	10	10	10	1.688	4.9	10	2.43 No	1.688 Thermal Discharging	
RLK069	236	'68926320_/_9611007_2'	3.33	3.33	3.33	0.56	1.7	3.33	0.81 No	0.56 Thermal Discharging	
RLK069	237	'5593897_/_43743677_2'	10	10	10	1.688	4.9	10	2.43 No	1.688 Thermal Discharging	
RLK069	238	'5568441_/_43743760'	3.33	3.33	3.33	0.56	0.5	3.33	0.81 No	0.5 Element Fault	
RLK069	239	'574449513_/_574449327_2'	3.33	3.33	3.33	0.56	1.4	3.33	0.81 No	0.56 Thermal Discharging	
RLK069	240	'5588353_/_43743834'	7.2	10	10	1.688	2.6	10	2.43 No	1.688 Thermal Discharging	
RLK069	241	'5588393_/_5588407'	5.9	10	10	1.688	1.6	10	2.43 No	1.6 Element Fault	
RLK069	242	'43743433_/_43743435_1'	3.33	3.33	3.33	0.56	0.5	3.33	0.81 No	0.5 Element Fault	
RLK069	243	'5588993_/_5589019'	10	10	10	1.688	1.5	10	2.43 No	1.5 Element Fault	
RLK069	244	'8043762_/_8043760_1'	3.33	3.33	3.33	0.56	0.5	3.33	0.81 No	0.5 Element Fault	
RLK069	245	'3632482_/_3632479'	2.6	3.33	3.33	0.56	0.5	3.33	0.81 No	0.5 Element Fault	
RLK069	246	'8043055_/_8664159'	3.33	3.33	3.33	0.56	1.7	3.33	0.81 No	0.56 Thermal Discharging	
RLK069	247	'7406884_/_7406882'	3.33	3.33	3.33	0.56	0.5	3.33	0.81 No	0.5 Element Fault	
RLK069	248	'43743747_/_5568425'	3.33	3.33	3.33	0.56	0.5	3.33	0.81 No	0.5 Element Fault	
RLK069	249	'5589093_/_5589090'	10	10	10	1.688	1.5	10	2.43 No	1.5 Element Fault	
RLK069	250	'7406467_/_7406464'	3.33	3.33	3.33	0.56	0.5	3.33	0.81 No	0.5 Element Fault	
RLK069	251	'5567727_/_5567741'	10	10	10	1.688	4.1	10	2.43 No	1.688 Thermal Discharging	
RLK069	252	'9611376_/_9611393_1'	10	10	10	1.688	0.9	10	2.43 No	0.9 Element Fault	
RLK069	253	'5593883_/_5593894'	10	10	10	1.688	4.9	10	2.43 No	1.688 Thermal Discharging	
RLK069	254	'7719782_/_7719780_1'	10	10	10	1.688	1.6	10	2.43 No	1.6 Element Fault	
RLK069	255	'43742003_/_5592746'	3.33	3.33	3.33	0.56	1.5	3.33	0.81 No	0.56 Thermal Discharging	
RLK069	256	'7406451_/_8664921_1'	3.33	3.33	3.33	0.56	0.5	3.33	0.81 No	0.5 Element Fault	
RLK069	257	'5588352_/_5588350'	6	10	10	1.688	2.6	10	2.43 No	1.688 Thermal Discharging	
RLK069	258	'9611396_/_9611393_2'	10	10	10	1.688	0.9	10	2.43 No	0.9 Element Fault	
RLK069	259	'3632576_/_3632492'	2	3.33	3.33	0.56	0.5	3.33	0.81 No	0.5 Element Fault	
RLK069	260	'5591701_/_5591773_1'	3.33	3.33	3.33	0.56	0.5	3.33	0.81 No	0.5 Element Fault	

Feeder Name	Feeder ID	Node	Primary Over- Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RLK069	261	'7479900_/_9371136'	3.33		3.33	3.33	0.56	0.8	3.33	0.81 No	0.56 Thermal Discharging
RLK069	262	'5568428_/_43743749'	3.33		3.33	3.33	0.56	0.5	3.33	0.81 No	0.5 Element Fault
RLK069	263	'9300305_/_9300302_2'	3.33		3.33	3.33	0.56	0.5	3.33	0.81 No	0.5 Element Fault
RLK069	264	'7406499_/_9611007_1'	3.33		3.33	3.33	0.56	0.5	3.33	0.81 No	0.5 Element Fault
RLK069	265	'43744078_/_43744080'	3.33		3.33	3.33	0.56	0.5	3.33	0.81 No	0.5 Element Fault
RLK069	266	'445356660_/_445356682'	3.33		3.33	3.33	0.56	0.5	3.33	0.81 No	0.5 Element Fault
RLK069	267	'5591717_/_5591714'	3.33		3.33	3.33	0.56	1.5	3.33	0.81 No	0.56 Thermal Discharging
RLK069	268	'5591733_/_5591760_1'	3.33		3.33	3.33	0.56	0.5	3.33	0.81 No	0.5 Element Fault
RLK069	269	'5567710_/_5567724'	10		10	10	1.688	4.1	10	2.43 No	1.688 Thermal Discharging
RLK069	270	'43743328_/_43743330'	4.7		10	10	1.688	1.6	10	2.43 No	1.6 Element Fault
RLK069	271	'7406551_/_574449327_1'	3.33		3.33	3.33	0.56	0.5	3.33	0.81 No	0.5 Element Fault
RLK069	272	'5595163_/_5595178'	10		10	10	1.688	4.6	10	2.43 No	1.688 Thermal Discharging
RLK069	273	'5589045_/_5589141'	6.67		6.67	6.67	1.12	1	6.67	1.62 No	1 Element Fault
RLK069	274	'5588319_/_5588333'	5.1		10	10	1.688	2.6	10	2.43 No	1.688 Thermal Discharging
RLK069	275	'3632563_/_3632573'	1.73		3.33	3.33	0.56	0.5	3.33	0.81 No	0.5 Element Fault
RLK069	276	'8043562_/_418889672_1'	1.67		3.33	3.33	0.56	0.5	3.33	0.81 No	0.5 Element Fault
RLK069	277	'7720216_/_8664921_2'	3.33		3.33	3.33	0.56	0.5	3.33	0.81 No	0.5 Element Fault
RLK069	278	'5591763_/_5591760_2'	3.33		3.33	3.33	0.56	0.5	3.33	0.81 No	0.5 Element Fault
RLK069	279	'8356984_/_8984079'	3.33		3.33	3.33	0.56	0.5	3.33	0.81 No	0.5 Element Fault
RLK069	280	'435072783_/_435072804'	3.33		3.33	3.33	0.56	0.5	3.33	0.81 No	0.5 Element Fault
RLK069	281	'43743363_/_43743365'	2.07		3.33	3.33	0.56	0.87	3.33	0.81 No	0.56 Thermal Discharging
RLK069	282	'5588514_/_9300202_2'	2.07		3.33	3.33	0.56	0.87	3.33	0.81 No	0.56 Thermal Discharging
RLK069	283	'7719766_/_8043052'	3.33		3.33	3.33	0.56	0.5	3.33	0.81 No	0.5 Element Fault
RLK069	284	'5592749_/_43742005'	3.33		3.33	3.33	0.56	0.5	3.33	0.81 No	0.5 Element Fault
RLK069	285	'5567709_/_5567707'	10		10	10	1.688	4.1	10	2.43 No	1.688 Thermal Discharging
RLK069	286	'446037359_/_446037367'	10		10	10	1.688	4.1	10	2.43 No	1.688 Thermal Discharging
RLK069	287	'8043450_/_8043448'	3.33		3.33	3.33	0.56	0.5	3.33	0.81 No	0.5 Element Fault
RLK069	288	'43741767_/_43741769'	10		10	10	1.688	4.1	10	2.43 No	1.688 Thermal Discharging
RLK069	289	'5582723_/_5582720'	3.33		3.33	3.33	0.56	0.5	3.33	0.81 No	0.5 Element Fault
RLK069	290	'7479861_/_7479898'	3.33		3.33	3.33	0.56	0.8	3.33	0.81 No	0.56 Thermal Discharging
RLK069	291	'5591776_/_5591773_2'	3.33		3.33	3.33	0.56	0.5	3.33	0.81 No	0.5 Element Fault
RLK069	292	'43741719_/_5595161'	10		10	10	1.688	4.6	10	2.43 No	1.688 Thermal Discharging
RLK069	293	'5588302_/_5588316'	4.6		10	10	1.688	2.6	10	2.43 No	1.688 Thermal Discharging
RLK069	294	'5588936_/_5589123'	6.67		6.67	6.67	1.12	1	6.67	1.62 No	1 Element Fault
RLK069	295	'3632507_/_3632586'	1.53		3.33	3.33	0.56	0.5	3.33	0.81 No	0.5 Element Fault
RLK069	296	'7719783_/_7719780_2'	10		10	10	1.688	1.6	10	2.43 No	1.6 Element Fault
RLK069	297	'5588691_/_5594685'	3.33		3.33	3.33	0.56	0.5	3.33	0.81 No	0.5 Element Fault
RLK069	298	'7406550_/_587396363'	3.33		3.33	3.33	0.56	0.5	3.33	0.81 No	0.5 Element Fault
RLK069	299	'8664214_/_8664211'	3.33		3.33	3.33	0.56	0.5	3.33	0.81 No	0.5 Element Fault
RLK069	300	'8664763_/_53297146'	3.33		3.33	3.33	0.56	0.5	3.33	0.81 No	0.5 Element Fault
RLK069	301	'5567676_/_5567690'	10		10	10	1.688	4.1	10	2.43 No	1.688 Thermal Discharging
RLK069	302	'5588372_/_5588370'	3.9		10	10	1.688	1.6	10	2.43 No	1.6 Element Fault
RLK069	303	'5582736_/_5582733'	3.33		3.33	3.33	0.56	0.5	3.33	0.81 No	0.5 Element Fault
RLK069	304	'8664178_/_8984095_1'	10		10	10	1.688	1.5	10	2.43 No	1.5 Element Fault
RLK069	305	'102087913_/_102087873_1'	3.9		10	10	1.688	1	10	2.43 No	1 Element Fault
RLK069	306	'7406498_/_7406496'	3.33		3.33	3.33	0.56	0.5	3.33	0.81 No	0.5 Element Fault
RLK069	307	'5588937_/_5588934'	6.67		6.67	6.67	1.12	1	6.67	1.62 No	1 Element Fault
RLK069	308	'5582484_/_43741721'	10		10	10	1.688	4.6	10	2.43 No	1.688 Thermal Discharging
RLK069	309	'5588285_/_5588299'	4.2		10	10	1.688	2.6	10	2.43 No	1.688 Thermal Discharging
RLK069	310	'43356032_/_43356034'	1.4		3.33	3.33	0.56	0.5	3.33	0.81 No	0.5 Element Fault
RLK069	311	'3632508_/_3632505'	1.37		3.33	3.33	0.56	0.5	3.33	0.81 No	0.5 Element Fault
RLK069	312	'66256591_/_66256503_1'	1.37		3.33	3.33	0.56	0.2	3.33	0.81 No	0.2 Element Fault
RLK069	313	'8043434_/_418889672_2'	1.37		3.33	3.33	0.56	0.5	3.33	0.81 No	0.5 Element Fault
RLK069	314	'7406917_/_8357284_1'	1.37		3.33	3.33	0.56	0.5	3.33	0.81 No	0.5 Element Fault
RLK069	315	'5588704_/_5588701'	3.33		3.33	3.33	0.56	0.5	3.33	0.81 No	0.5 Element Fault
RLK069	316	'5567659_/_5567673'	10		10	10	1.688	4.1	10	2.43 No	1.688 Thermal Discharging
RLK069	317	'7406933_/_9300098'	3.33		3.33	3.33	0.56	0.5	3.33	0.81 No	0.5 Element Fault
RLK069	318	'7406515_/_8665125_1'	10		10	10	1.688	1.5	10	2.43 No	1.5 Element Fault
RLK069	319	'7720217_/_7720214'	3.33		3.33	3.33	0.56	0.5	3.33	0.81 No	0.5 Element Fault
RLK069	320	'5588678_/_5588688'	3.33		3.33	3.33	0.56	0.5	3.33	0.81 No	0.5 Element Fault
RLK069	321	'115504537_/_5591832_1'	3.33		3.33	3.33	0.56	0.1	3.33	0.81 No	0.1 Element Fault
RLK069	322	'7719767_/_7719764_1'	3.33		3.33	3.33	0.56	0.5	3.33	0.81 No	0.5 Element Fault
RLK069	323	'5567642_/_5567656'	7.1		10	10	1.688	4.1	10	2.43 No	1.688 Thermal Discharging
RLK069	324	'102087862_/_102087873_2'	3.5		10	10	1.688	1	10	2.43 No	1 Element Fault
RLK069	325	'7406980_/_9300202_1'	1.6		3.33	3.33	0.56	0.5	3.33	0.81 No	0.5 Element Fault
RLK069	326	'43743522_/_5589003'	3.33		3.33	3.33	0.56	0.5	3.33	0.81 No	0.5 Element Fault
RLK069	327	'8357287_/_8357284_2'	1.3		3.33	3.33	0.56	0.5	3.33	0.81 No	0.5 Element Fault
RLK069	328	'5567795_/_5567808_2'	3.33		3.33	3.33	0.56	1.37	3.33	0.81 No	0.56 Thermal Discharging
RLK069	329	'66256496_/_66256503_2'	1.27		3.33	3.33	0.56	0.2	3.33	0.81 No	0.2 Element Fault
RLK069	330	'3632456_/_3632544'	1.27		3.33	3.33	0.56	0.5	3.33	0.81 No	0.5 Element Fault
RLK069	331	'56002542_/_56002453_1'	3.33		3.33	3.33	0.56	0.2	3.33	0.81 No	0.2 Element Fault
RLK069	332	'43741706_/_5582498'	5.9		10	10	1.688	4.6	10	2.43 No	1.688 Thermal Discharging
RLK069	333	'8043578_/_53297169'	3.33		3.33	3.33	0.56	0.5	3.33	0.81 No	0.5 Element Fault
RLK069	334	'5567625_/_5567639'	6.5		10	10	1.688	4.1	10	2.43 No	1.688 Thermal Discharging
RLK069	335	'56002506_/_56002426_1'	3.33		3.33	3.33	0.56	0.2	3.33	0.81 No	0.2 Element Fault
RLK069	336	'43743315_/_5588282'	3.8		10	10	1.688	2.6	10	2.43 No	1.688 Thermal Discharging
RLK069	337	'5588755_/_5591832_2'	3.33		3.33	3.33	0.56	0.1	3.33	0.81 No	0.1 Element Fault
RLK069	338	'43743510_/_5588949'	3.33		6.67	6.67	1.12	1	6.67	1.62 No	1 Element Fault
RLK069	339	'5567811_/_5567808_1'	3.33		3.33	3.33	0.56	0.5	3.33	0.81 No	0.5 Element Fault
RLK069	340	'8043435_/_418889683'	1.23		3.33	3.33	0.56	0.5	3.33	0.81 No	0.5 Element Fault
RLK069	341	'5589006_/_43743524'	3.33		3.33	3.33	0.56	0.5	3.33	0.81 No	0.5 Element Fault
RLK069	342	'7719750_/_8356982_1'	3.33		3.33	3.33	0.56	0.5	3.33	0.81 No	0.5 Element Fault
RLK069	343	'43743341_/_43743343'	1.13		3.33	3.33	0.56	0.53	3.33	0.81 No	0.53 Element Fault
RLK069	344	'7406535_/_574449336'	3.33		3.33	3.33	0.56	0.5	3.33	0.81 No	0.5 Element Fault
RLK069	345	'5588547_/_8043528_2'	1.1		3.33	3.33	0.56	0.53	3.33	0.81 No	0.53 Element Fault
RLK069	346	'43743422_/_43743424'	3.33		3.33	3.33	0.56	0.5	3.33	0.81 No	0.5 Element Fault
RLK069	347	'573024138_/_565006633_2'	3.33		3.33	3.33	0.56	0.5	3.33	0.81 No	0.5 Element Fault
RLK069	348	'3632521_/_3632518'	1.2		3.33	3.33	0.56	0.5	3.33	0.81 No	0.5 Element Fault
RLK069	349	'3632443_/_3632453'	1.17		3.33	3.33	0.56	0.5	3.33	0.81 No	0.5 Element Fault
RLK069	350	'5567624_/_5567622'	5.6		10	10	1.688	4.1	10	2.43 No	1.688 Thermal Discharging
RLK069	351	'8357566_/_8984115'	3.33		3.33	3.33	0.56	0.5	3.33	0.81 No	0.5 Element Fault
RLK069	352	'5588992_/_5588990'	3.33		3.33	3.33	0.56	0.5	3.33	0.81 No	0.5 Element Fault
RLK069	353	'5582518_/_43741708'	5		10	10	1.688	4.6	10	2.43 No	1.688 Thermal Discharging
RLK069	354	'7720336_/_56002453_2'	3.33		3.33	3.33	0.56	0.2	3.33	0.81 No	0.2 Element Fault

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RLK069	355	'8357270_/_418889694'		1.13	3.33	3.33	0.56	0.5	3.33	0.81 No	0.5 Element Fault
RLK069	356	'8984098_/_8984095_2'		5.2	10	10	1.688	1.5	10	2.43 No	1.5 Element Fault
RLK069	357	'5588251_/_5588265'		3.5	10	10	1.688	2.6	10	2.43 No	1.688 Thermal Discharging
RLK069	358	'7719851_/_7719848'		3.33	3.33	3.33	0.56	0.3	3.33	0.81 No	0.3 Element Fault
RLK069	359	'5588952_/_43743512'		2.8	6.67	6.67	1.12	1	6.67	1.62 No	1 Element Fault
RLK069	360	'66557678_/_62164405_1'		3.4	10	10	1.688	1	10	2.43 No	1 Element Fault
RLK069	361	'7720432_/_8665125_2'		5.1	10	10	1.688	1.5	10	2.43 No	1.5 Element Fault
RLK069	362	'8357219_/_62164405_2'		3.4	10	10	1.688	1	10	2.43 No	1 Element Fault
RLK069	363	'5589061_/_5589058'		3.33	3.33	3.33	0.56	0.5	3.33	0.81 No	0.5 Element Fault
RLK069	364	'8043579_/_8664777'		3.33	3.33	3.33	0.56	0.5	3.33	0.81 No	0.5 Element Fault
RLK069	365	'8043467_/_8043528_1'		1.03	3.33	3.33	0.56	0.3	3.33	0.81 No	0.3 Element Fault
RLK069	366	'5582535_/_5582532'		4.6	10	10	1.688	4.6	10	2.43 No	1.688 Thermal Discharging
RLK069	367	'43356010_/_3632531'		1.1	3.33	3.33	0.56	0.5	3.33	0.81 No	0.5 Element Fault
RLK069	368	'43355999_/_43356001'		1.1	3.33	3.33	0.56	0.5	3.33	0.81 No	0.5 Element Fault
RLK069	369	'7719802_/_574449345'		3.33	3.33	3.33	0.56	0.5	3.33	0.81 No	0.5 Element Fault
RLK069	370	'8357239_/_66557655'		3.3	10	10	1.688	1	10	2.43 No	1 Element Fault
RLK069	371	'5592533_/_5592547'		4.9	10	10	1.688	4.1	10	2.43 No	1.688 Thermal Discharging
RLK069	372	'5588639_/_5588649'		3.33	3.33	3.33	0.56	0.5	3.33	0.81 No	0.5 Element Fault
RLK069	373	'573024187_/_565006513_2'		3.33	3.33	3.33	0.56	0.5	3.33	0.81 No	0.5 Element Fault
RLK069	374	'9300405_/_9300402_1'		3.33	3.33	3.33	0.56	0.3	3.33	0.81 No	0.3 Element Fault
RLK069	375	'43743544_/_43743546'		3.33	3.33	3.33	0.56	0.5	3.33	0.81 No	0.5 Element Fault
RLK069	376	'565006574_/_565006633_1'		3.33	3.33	3.33	0.56	0.5	3.33	0.81 No	0.5 Element Fault
RLK069	377	'7406932_/_370118301'		3.33	3.33	3.33	0.56	0.5	3.33	0.81 No	0.5 Element Fault
RLK069	378	'7406981_/_7406978'		1.3	3.33	3.33	0.56	0.5	3.33	0.81 No	0.5 Element Fault
RLK069	379	'5588250_/_5588248'		3.2	10	10	1.688	2.6	10	2.43 No	1.688 Thermal Discharging
RLK069	380	'43355988_/_43355990'		1.03	3.33	3.33	0.56	0.5	3.33	0.81 No	0.5 Element Fault
RLK069	381	'5594629_/_5594627'		3.33	3.33	3.33	0.56	0.5	3.33	0.81 No	0.5 Element Fault
RLK069	382	'43743533_/_5589074'		3.33	3.33	3.33	0.56	0.5	3.33	0.81 No	0.5 Element Fault
RLK069	383	'8664780_/_311165836'		3.33	3.33	3.33	0.56	0.5	3.33	0.81 No	0.5 Element Fault
RLK069	384	'62164550_/_8664571_1'		1.07	3.33	3.33	0.56	0.3	3.33	0.81 No	0.3 Element Fault
RLK069	385	'5582552_/_5582549'		4.2	10	10	1.688	4.6	10	2.43 No	1.688 Thermal Discharging
RLK069	386	'5592532_/_5592530'		4.6	10	10	1.688	4.1	10	2.43 No	1.688 Thermal Discharging
RLK069	387	'7799137_/_7799135_1'		4.6	10	10	1.688	1.5	10	2.43 No	1.5 Element Fault
RLK069	388	'7720052_/_647258387'		3.33	3.33	3.33	0.56	0.5	3.33	0.81 No	0.5 Element Fault
RLK069	389	'8664145_/_9610991'		3.33	3.33	3.33	0.56	0.5	3.33	0.81 No	0.5 Element Fault
RLK069	390	'5567921_/_5567931_1'		3.33	3.33	3.33	0.56	0.5	3.33	0.81 No	0.5 Element Fault
RLK069	391	'573024251_/_565006513_1'		3.33	3.33	3.33	0.56	0.5	3.33	0.81 No	0.5 Element Fault
RLK069	392	'8984372_/_418889705'		1	3.33	3.33	0.56	0.5	3.33	0.81 No	0.5 Element Fault
RLK069	393	'3651687_/_43356012'		1.03	3.33	3.33	0.56	0.5	3.33	0.81 No	0.5 Element Fault
RLK069	394	'7406635_/_8043220_1'		3.33	3.33	3.33	0.56	0.5	3.33	0.81 No	0.5 Element Fault
RLK069	395	'3632614_/_3632612'		1	3.33	3.33	0.56	0.5	3.33	0.81 No	0.5 Element Fault
RLK069	396	'8664608_/_62164504'		3.3	10	10	1.688	1	10	2.43 No	1 Element Fault
RLK069	397	'50746494_/_50746532'		2.8	6.67	6.67	1.12	1	6.67	1.62 No	1 Element Fault
RLK069	398	'50746528_/_7799135_2'		4.4	10	10	1.688	1.5	10	2.43 No	1.5 Element Fault
RLK069	399	'5588446_/_7720066'		1.23	3.33	3.33	0.56	0.5	3.33	0.81 No	0.5 Element Fault
RLK069	400	'7720433_/_7720430'		4.2	10	10	1.688	1.5	10	2.43 No	1.5 Element Fault
RLK069	401	'395914464_/_43743354_2'		1.2	3.33	3.33	0.56	0.5	3.33	0.81 No	0.5 Element Fault
RLK069	402	'43743819_/_43743821'		3	10	10	1.688	2.6	10	2.43 No	1.688 Thermal Discharging
RLK069	403	'43744000_/_5594640'		3.33	3.33	3.33	0.56	0.5	3.33	0.81 No	0.5 Element Fault
RLK069	404	'5588626_/_5588636'		3.33	3.33	3.33	0.56	0.5	3.33	0.81 No	0.5 Element Fault
RLK069	405	'5567534_/_5582566'		3.9	10	10	1.688	4.6	10	2.43 No	1.688 Thermal Discharging
RLK069	406	'5589077_/_43743535'		3.33	3.33	3.33	0.56	0.5	3.33	0.81 No	0.5 Element Fault
RLK069	407	'5589044_/_5589042'		3.33	3.33	3.33	0.56	0.5	3.33	0.81 No	0.5 Element Fault
RLK069	408	'43744157_/_43744159'		4.2	10	10	1.688	4.1	10	2.43 No	1.688 Thermal Discharging
RLK069	409	'38023148_/_50746498'		4.2	10	10	1.688	1.5	10	2.43 No	1.5 Element Fault
RLK069	410	'38023126_/_38023145'		4.2	10	10	1.688	1.5	10	2.43 No	1.5 Element Fault
RLK069	411	'404556244_/_404556241'		4.2	10	10	1.688	1.5	10	2.43 No	1.5 Element Fault
RLK069	412	'54997973_/_54997930_1'		3.33	3.33	3.33	0.56	0.3	3.33	0.81 No	0.3 Element Fault
RLK069	413	'5567457_/_5567531'		3.8	10	10	1.688	4.6	10	2.43 No	1.688 Thermal Discharging
RLK069	414	'8357567_/_8357564'		3.33	3.33	3.33	0.56	0.5	3.33	0.81 No	0.5 Element Fault
RLK069	415	'5567934_/_5567931_2'		3.33	3.33	3.33	0.56	0.5	3.33	0.81 No	0.5 Element Fault
RLK069	416	'8664574_/_8664571_2'		1	3.33	3.33	0.56	0.3	3.33	0.81 No	0.3 Element Fault
RLK069	417	'3632314_/_3632440'		0.93	3.33	3.33	0.56	0.5	3.33	0.81 No	0.5 Element Fault
RLK069	418	'5594017_/_5594015'		3.33	3.33	3.33	0.56	0.5	3.33	0.81 No	0.5 Element Fault
RLK069	419	'386055839_/_379519739_1'		0.7	2.3	3.33	0.56	0.5	3.33	0.81 No	0.5 Element Fault
RLK069	420	'8043223_/_8043220_2'		3.33	3.33	3.33	0.56	0.5	3.33	0.81 No	0.5 Element Fault
RLK069	421	'565006542_/_565006590'		3.33	3.33	3.33	0.56	0.5	3.33	0.81 No	0.5 Element Fault
RLK069	422	'43743352_/_43743354_1'		1.13	3.33	3.33	0.56	0.1	3.33	0.81 No	0.1 Element Fault
RLK069	423	'8357598_/_9300402_2'		3.33	3.33	3.33	0.56	0.3	3.33	0.81 No	0.3 Element Fault
RLK069	424	'8357599_/_8357596'		3.33	3.33	3.33	0.56	0.3	3.33	0.81 No	0.3 Element Fault
RLK069	425	'5592478_/_5592476'		2.8	9.9	10	1.688	2.6	10	2.43 No	1.688 Thermal Discharging
RLK069	426	'5594494_/_5594491'		3.33	3.33	3.33	0.56	0.5	3.33	0.81 No	0.5 Element Fault
RLK069	427	'5595036_/_5595050'		4	10	10	1.688	4.1	10	2.43 No	1.688 Thermal Discharging
RLK069	428	'7719751_/_8664143'		3.33	3.33	3.33	0.56	0.5	3.33	0.81 No	0.5 Element Fault
RLK069	429	'37923183_/_62164517'		3.2	10	10	1.688	1	10	2.43 No	1 Element Fault
RLK069	430	'37923176_/_37923180'		3.2	10	10	1.688	1	10	2.43 No	1 Element Fault
RLK069	431	'404485872_/_404485869'		3.2	10	10	1.688	1	10	2.43 No	1 Element Fault
RLK069	432	'37923169_/_37923173'		3.2	10	10	1.688	1	10	2.43 No	1 Element Fault
RLK069	433	'37923197_/_37923201'		3.2	10	10	1.688	1	10	2.43 No	1 Element Fault
RLK069	434	'7805529_/_9700218_1'		3.9	10	10	1.688	1.6	10	2.43 No	1.6 Element Fault
RLK069	435	'50757661_/_8357532_2'		0.93	3.27	3.33	0.56	0.87	3.33	0.81 No	0.56 Thermal Discharging
RLK069	436	'8664646_/_8664643'		3.2	10	10	1.688	1	10	2.43 No	1 Element Fault
RLK069	437	'5588610_/_5588623'		3.33	3.33	3.33	0.56	0.5	3.33	0.81 No	0.5 Element Fault
RLK069	438	'5567458_/_5567455'		3.5	10	10	1.688	4.6	10	2.43 No	1.688 Thermal Discharging
RLK069	439	'5567947_/_5567944'		3.33	3.33	3.33	0.56	0.5	3.33	0.81 No	0.5 Element Fault
RLK069	440	'7099267_/_7099265'		3.33	3.33	3.33	0.56	0.5	3.33	0.81 No	0.5 Element Fault
RLK069	441	'5583968_/_5592510'		2.7	9.4	10	1.688	2.6	10	2.43 No	1.688 Thermal Discharging
RLK069	442	'54997923_/_54997930_2'		3.33	3.33	3.33	0.56	0.3	3.33	0.81 No	0.3 Element Fault
RLK069	443	'5591063_/_5595033'		3.8	10	10	1.688	4.1	10	2.43 No	1.688 Thermal Discharging
RLK069	444	'9299785_/_9299782_1'		1.8	6.2	6.67	1.12	1.73	6.67	1.62 No	1.12 Thermal Discharging
RLK069	445	'7720860_/_8985277_2'		3.33	3.33	3.33	0.56	0.5	3.33	0.81 No	0.5 Element Fault
RLK069	446	'9611057_/_346781311_1'		3.33	3.33	3.33	0.56	0.3	3.33	0.81 No	0.3 Element Fault
RLK069	447	'43355907_/_43355909'		0.87	3.33	3.33	0.56	0.5	3.33	0.81 No	0.5 Element Fault
RLK069	448	'7720877_/_9612277_1'		3.33	3.33	3.33	0.56	0.3	3.33	0.81 No	0.3 Element Fault

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RLK069	449	'5588596_/_5588594'	3.33		3.33	3.33	0.56	0.5	3.33	0.81 No	0.5 Element Fault
RLK069	450	'7720180_/_7720178_1'	3.8		10	10	1.688	1.5	10	2.43 No	1.5 Element Fault
RLK069	451	'5589355_/_5589352'	3.33		3.33	3.33	0.56	0.5	3.33	0.81 No	0.5 Element Fault
RLK069	452	'601697921_/_9299782_2'	1.8		6.2	6.67	1.12	1	6.67	1.62 No	1 Element Fault
RLK069	453	'8357359_/_8357356_2'	3.33		3.33	3.33	0.56	0.5	3.33	0.81 No	0.5 Element Fault
RLK069	454	'38023057_/_9700218_2'	3.7		10	10	1.688	1.6	10	2.43 No	1.6 Element Fault
RLK069	455	'38023049_/_38023054'	3.7		10	10	1.688	1.6	10	2.43 No	1.6 Element Fault
RLK069	456	'404556455_/_404556452'	3.7		10	10	1.688	1.6	10	2.43 No	1.6 Element Fault
RLK069	457	'38023085_/_38023082'	3.7		10	10	1.688	1.6	10	2.43 No	1.6 Element Fault
RLK069	458	'8357535_/_8357532_1'	0.9		3.07	3.33	0.56	0.5	3.33	0.81 No	0.5 Element Fault
RLK069	459	'7406949_/_8043464'	0.83		2.97	3.33	0.56	0.3	3.33	0.81 No	0.3 Element Fault
RLK069	460	'5588429_/_5588427'	1.03		3.1	3.33	0.56	0.1	3.33	0.81 No	0.1 Element Fault
RLK069	461	'43743618_/_5591060'	3.6		10	10	1.688	4.1	10	2.43 No	1.688 Thermal Discharging
RLK069	462	'5583967_/_5583965'	2.6		8.9	10	1.688	2.6	10	2.43 No	1.688 Thermal Discharging
RLK069	463	'9611244_/_9611241'	0.9		3	3.33	0.56	0.3	3.33	0.81 No	0.3 Element Fault
RLK069	464	'7720892_/_8985277_1'	3.33		3.33	3.33	0.56	0.3	3.33	0.81 No	0.3 Element Fault
RLK069	465	'5567960_/_5567957'	3.33		3.33	3.33	0.56	0.5	3.33	0.81 No	0.5 Element Fault
RLK069	466	'5588729_/_5588714'	3.33		3.33	3.33	0.56	0.5	3.33	0.81 No	0.5 Element Fault
RLK069	467	'38142123_/_7488758'	3.6		10	10	1.688	1.6	10	2.43 No	1.6 Element Fault
RLK069	468	'5567475_/_5567472'	3.2		10	10	1.688	4.6	10	2.43 No	1.688 Thermal Discharging
RLK069	469	'8357088_/_8357086_1'	0.87		2.93	3.33	0.56	0.5	3.33	0.81 No	0.5 Element Fault
RLK069	470	'7406865_/_7406862'	3.1		10	10	1.688	1	10	2.43 No	1 Element Fault
RLK069	471	'40369161_/_44088894'	3.5		10	10	1.688	1.6	10	2.43 No	1.6 Element Fault
RLK069	472	'7720181_/_7720178_2'	3.5		10	10	1.688	1.5	10	2.43 No	1.5 Element Fault
RLK069	473	'8665096_/_8665093'	3.33		3.33	3.33	0.56	0.3	3.33	0.81 No	0.3 Element Fault
RLK069	474	'9612280_/_9612277_2'	3.33		3.33	3.33	0.56	0.3	3.33	0.81 No	0.3 Element Fault
RLK069	475	'7720893_/_7720890'	3.33		3.33	3.33	0.56	0.3	3.33	0.81 No	0.3 Element Fault
RLK069	476	'5567976_/_5567973'	3.33		3.33	3.33	0.56	0.5	3.33	0.81 No	0.5 Element Fault
RLK069	477	'5588730_/_5588727'	3.33		3.33	3.33	0.56	0.5	3.33	0.81 No	0.5 Element Fault
RLK069	478	'3632313_/_3632311'	0.8		3.23	3.33	0.56	0.5	3.33	0.81 No	0.5 Element Fault
RLK069	479	'8357238_/_62164418'	1.43		3.33	3.33	0.56	0.33	3.33	0.81 No	0.33 Element Fault
RLK069	480	'8357358_/_8357356_1'	3.33		3.33	3.33	0.56	0.3	3.33	0.81 No	0.3 Element Fault
RLK069	481	'5590959_/_5591077'	3.4		9.4	10	1.688	4.1	10	2.43 No	1.688 Thermal Discharging
RLK069	482	'5588459_/_5588456'	0.97		2.87	3.33	0.56	0.1	3.33	0.81 No	0.1 Element Fault
RLK069	483	'8665656_/_8985293'	3.33		3.33	3.33	0.56	0.3	3.33	0.81 No	0.3 Element Fault
RLK069	484	'43743782_/_43743784'	2.5		8.4	10	1.688	2.6	10	2.43 No	1.688 Thermal Discharging
RLK069	485	'7720161_/_8357428_1'	3.4		9.3	10	1.688	1.5	10	2.43 No	1.5 Element Fault
RLK069	486	'5592273_/_5592270_2'	2.5		8.3	10	1.688	2.6	10	2.43 No	1.688 Thermal Discharging
RLK069	487	'5588580_/_5589232'	3		10	10	1.688	4.6	10	2.43 No	1.688 Thermal Discharging
RLK069	488	'43743411_/_5588964'	3.33		3.33	3.33	0.56	0.5	3.33	0.81 No	0.5 Element Fault
RLK069	489	'595298137_/_5588740'	3.33		3.33	3.33	0.56	0.5	3.33	0.81 No	0.5 Element Fault
RLK069	490	'595298234_/_595298171_1'	3.33		3.33	3.33	0.56	0.3	3.33	0.81 No	0.3 Element Fault
RLK069	491	'5583985_/_5590956'	3.3		8.9	10	1.688	4.1	10	2.43 No	1.688 Thermal Discharging
RLK069	492	'50853962_/_44099003'	3.3		9	10	1.688	1.6	10	2.43 No	1.6 Element Fault
RLK069	493	'43743444_/_595298141'	3.33		3.33	3.33	0.56	0.5	3.33	0.81 No	0.5 Element Fault
RLK069	494	'7720032_/_8357300'	2.8		10	10	1.688	1	10	2.43 No	1 Element Fault
RLK069	495	'595298039_/_595298171_2'	3.33		3.33	3.33	0.56	0.3	3.33	0.81 No	0.3 Element Fault
RLK069	496	'5588472_/_5588469'	0.93		2.77	3.33	0.56	0.1	3.33	0.81 No	0.1 Element Fault
RLK069	497	'8357410_/_8357428_2'	3.2		8.8	10	1.688	1.5	10	2.43 No	1.5 Element Fault
RLK069	498	'50854023_/_50854030'	3.2		8.9	10	1.688	1.6	10	2.43 No	1.6 Element Fault
RLK069	499	'8357254_/_154789318'	0.8		2.7	3.33	0.56	0.5	3.33	0.81 No	0.5 Element Fault
RLK069	500	'5583951_/_5592270_1'	2.4		8	10	1.688	2.6	10	2.43 No	1.688 Thermal Discharging
RLK069	501	'5588579_/_5588577'	2.9		9.3	10	1.688	4.6	10	2.43 No	1.688 Thermal Discharging
RLK069	502	'5583984_/_5583982'	3.2		8.6	10	1.688	4.1	10	2.43 No	1.688 Thermal Discharging
RLK069	503	'51219098_/_51219002_2'	3.33		3.33	3.33	0.56	1.4	3.33	0.81 No	0.56 Thermal Discharging
RLK069	504	'50854069_/_50854043'	3.2		8.7	10	1.688	1.6	10	2.43 No	1.6 Element Fault
RLK069	505	'50854061_/_50853993'	3.2		8.7	10	1.688	1.6	10	2.43 No	1.6 Element Fault
RLK069	506	'8357411_/_8357408'	3.2		8.6	10	1.688	1.5	10	2.43 No	1.5 Element Fault
RLK069	507	'565006497_/_573024258'	3.33		3.33	3.33	0.56	0.5	3.33	0.81 No	0.5 Element Fault
RLK069	508	'8665079_/_9300418'	3.33		3.33	3.33	0.56	0.3	3.33	0.81 No	0.3 Element Fault
RLK069	509	'5592567_/_5592580_1'	3.33		3.33	3.33	0.56	0.5	3.33	0.81 No	0.5 Element Fault
RLK069	510	'8761514_/_8761512'	3.1		8.6	10	1.688	1.6	10	2.43 No	1.6 Element Fault
RLK069	511	'8357052_/_8357086_2'	0.8		2.63	3.33	0.56	0.5	3.33	0.81 No	0.5 Element Fault
RLK069	512	'573024368_/_565006558_1'	3.33		3.33	3.33	0.56	0.5	3.33	0.81 No	0.5 Element Fault
RLK069	513	'9611058_/_346781311_2'	3.33		3.33	3.33	0.56	0.3	3.33	0.81 No	0.3 Element Fault
RLK069	514	'38011884_/_9299782_3'	1.53		5.13	6.67	1.12	1	6.67	1.62 No	1 Element Fault
RLK069	515	'38011891_/_38011888'	1.53		5.13	6.67	1.12	1	6.67	1.62 No	1 Element Fault
RLK069	516	'38011912_/_38011916'	0.37		1.27	3.33	0.56	0.3	3.33	0.81 No	0.3 Element Fault
RLK069	517	'404485738_/_404485735'	1.53		5.13	6.67	1.12	1	6.67	1.62 No	1 Element Fault
RLK069	518	'38011898_/_38011895'	1.53		5.13	6.67	1.12	1	6.67	1.62 No	1 Element Fault
RLK069	519	'5588967_/_43743413'	3.33		3.33	3.33	0.56	0.5	3.33	0.81 No	0.5 Element Fault
RLK069	520	'51218995_/_51219002_1'	3.33		3.33	3.33	0.56	0.1	3.33	0.81 No	0.1 Element Fault
RLK069	521	'7407824_/_8665653'	3.33		3.33	3.33	0.56	0.3	3.33	0.81 No	0.3 Element Fault
RLK069	522	'5583931_/_5583948'	2.3		7.7	10	1.688	2.6	10	2.43 No	1.688 Thermal Discharging
RLK069	523	'5592583_/_5592580_2'	3.33		3.33	3.33	0.56	0.5	3.33	0.81 No	0.5 Element Fault
RLK069	524	'39696019_/_9081715'	3.1		8.4	10	1.688	1.6	10	2.43 No	1.6 Element Fault
RLK069	525	'9611260_/_9611257'	0.77		2.6	3.33	0.56	0.3	3.33	0.81 No	0.3 Element Fault
RLK069	526	'117717114_/_5584002'	3.1		8.3	10	1.688	4.1	10	2.43 No	1.688 Thermal Discharging
RLK069	527	'5588798_/_5588795'	3.33		3.33	3.33	0.56	0.5	3.33	0.81 No	0.5 Element Fault
RLK069	528	'7406618_/_8357628_2'	0.77		2.57	3.33	0.56	0.87	3.33	0.81 No	0.56 Thermal Discharging
RLK069	529	'5584005_/_8356998_1'	3.1		8.3	10	1.688	1.5	10	2.43 No	1.5 Element Fault
RLK069	530	'7406997_/_9611337_1'	3.33		3.33	3.33	0.56	0.3	3.33	0.81 No	0.3 Element Fault
RLK069	531	'5600942_/_7099245'	2.8		8.7	10	1.688	4.6	10	2.43 No	1.688 Thermal Discharging
RLK069	532	'9300173_/_62164482'	1.4		3.33	3.33	0.56	0.33	3.33	0.81 No	0.33 Element Fault
RLK069	533	'50746560_/_50746590'	3.33		3.33	3.33	0.56	0.5	3.33	0.81 No	0.5 Element Fault
RLK069	534	'9300221_/_154789309'	0.77		2.53	3.33	0.56	0.3	3.33	0.81 No	0.3 Element Fault
RLK069	535	'117717149_/_5584216'	3.1		8	10	1.688	4.1	10	2.43 No	1.688 Thermal Discharging
RLK069	536	'7500757_/_50175039'	3		8.1	10	1.688	1.6	10	2.43 No	1.6 Element Fault
RLK069	537	'56144433_/_595298045'	3.33		3.33	3.33	0.56	0.3	3.33	0.81 No	0.3 Element Fault
RLK069	538	'38023119_/_38023124'	3.33		3.33	3.33	0.56	0.5	3.33	0.81 No	0.5 Element Fault
RLK069	539	'38023162_/_7500754'	3		8.1	10	1.688	1.6	10	2.43 No	1.6 Element Fault
RLK069	540	'5583387_/_5583928'	2.2		7.4	10	1.688	2.6	10	2.43 No	1.688 Thermal Discharging
RLK069	541	'5588879_/_5588876'	3.33		3.33	3.33	0.56	0.5	3.33	0.81 No	0.5 Element Fault
RLK069	542	'8357001_/_8356998_2'	3		7.9	10	1.688	1.5	10	2.43 No	1.5 Element Fault

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RLK069	543	'9611340_/_9611337_2'	3.33	3.33	3.33	0.56	0.3	3.33	0.81 No	0.3	Element Fault
RLK069	544	'7406848_/_8984401'	1.33	3.33	3.33	0.56	0.33	3.33	0.81 No	0.33	Element Fault
RLK069	545	'7720033_/_435810210'	2.5	10	10	1.688	1	10	2.43 No	1	Element Fault
RLK069	546	'8665080_/_8665077'	3.33	3.33	3.33	0.56	0.3	3.33	0.81 No	0.3	Element Fault
RLK069	547	'5592596_/_5592593'	3.33	3.33	3.33	0.56	0.5	3.33	0.81 No	0.5	Element Fault
RLK069	548	'8121008_/_8121006'	3.33	3.33	3.33	0.56	0.5	3.33	0.81 No	0.5	Element Fault
RLK069	549	'8357338_/_62164493'	1.43	3.33	3.33	0.56	0.33	3.33	0.81 No	0.33	Element Fault
RLK069	550	'5588811_/_5588808'	3.33	3.33	3.33	0.56	0.5	3.33	0.81 No	0.5	Element Fault
RLK069	551	'8664907_/_9300218'	0.73	2.43	3.33	0.56	0.3	3.33	0.81 No	0.3	Element Fault
RLK069	552	'117717155_/_7197568'	3	7.7	10	1.688	4.1	10	2.43 No	1.688	Thermal Discharging
RLK069	553	'5583370_/_5583384'	2.2	7.2	10	1.688	2.6	10	2.43 No	1.688	Thermal Discharging
RLK069	554	'5600925_/_5600939'	2.6	8	10	1.688	4.6	10	2.43 No	1.688	Thermal Discharging
RLK069	555	'112361708_/_112361675_1'	3.33	3.33	3.33	0.56	0.1	3.33	0.81 No	0.1	Element Fault
RLK069	556	'7406849_/_7406846'	1.37	3.33	3.33	0.56	0.33	3.33	0.81 No	0.33	Element Fault
RLK069	557	'43743466_/_5588821'	3.33	3.33	3.33	0.56	0.5	3.33	0.81 No	0.5	Element Fault
RLK069	558	'5583290_/_5583367'	2.1	6.9	10	1.688	2.6	10	2.43 No	1.688	Thermal Discharging
RLK069	559	'43743455_/_5588889'	3.33	3.33	3.33	0.56	0.5	3.33	0.81 No	0.5	Element Fault
RLK069	560	'43741793_/_5592606'	3.33	3.33	3.33	0.56	0.5	3.33	0.81 No	0.5	Element Fault
RLK069	561	'5600908_/_5600922'	2.5	7.7	10	1.688	4.6	10	2.43 No	1.688	Thermal Discharging
RLK069	562	'8665163_/_9382386'	3.33	3.33	3.33	0.56	0.5	3.33	0.81 No	0.5	Element Fault
RLK069	563	'5583289_/_5583287_2'	0.7	2.27	3.33	0.56	0.87	3.33	0.81 No	0.56	Thermal Discharging
RLK069	564	'7407825_/_7407822'	3.33	3.33	3.33	0.56	0.3	3.33	0.81 No	0.3	Element Fault
RLK069	565	'43741981_/_5583287_1'	0.7	2.27	3.33	0.56	0.5	3.33	0.81 No	0.5	Element Fault
RLK069	566	'117717057_/_435817868'	2.8	7.1	10	1.688	4.1	10	2.43 No	1.688	Thermal Discharging
RLK069	567	'38023050_/_38023047'	3.33	3.33	3.33	0.56	0.53	3.33	0.81 No	0.53	Element Fault
RLK069	568	'5588837_/_43743468'	3.33	3.33	3.33	0.56	0.5	3.33	0.81 No	0.5	Element Fault
RLK069	569	'8664230_/_9299716'	1.33	4.47	6.67	1.12	1	6.67	1.62 No	1	Element Fault
RLK069	570	'112361664_/_112361675_2'	3.33	3.33	3.33	0.56	0.1	3.33	0.81 No	0.1	Element Fault
RLK069	571	'7407229_/_8357628_1'	0.77	2.23	3.33	0.56	0.5	3.33	0.81 No	0.5	Element Fault
RLK069	572	'8357322_/_435810135'	1.5	3.33	3.33	0.56	0.33	3.33	0.81 No	0.33	Element Fault
RLK069	573	'8043174_/_8357050'	0.7	2.23	3.33	0.56	0.5	3.33	0.81 No	0.5	Element Fault
RLK069	574	'5600888_/_5600905'	2.4	7.3	10	1.688	4.6	10	2.43 No	1.688	Thermal Discharging
RLK069	575	'5583336_/_5583350'	2	6.7	10	1.688	2.6	10	2.43 No	1.688	Thermal Discharging
RLK069	576	'5567824_/_43741795'	3.33	3.33	3.33	0.56	0.5	3.33	0.81 No	0.5	Element Fault
RLK069	577	'8043175_/_8043172'	0.67	2.23	3.33	0.56	0.5	3.33	0.81 No	0.5	Element Fault
RLK069	578	'5583263_/_5583261'	0.7	2.2	3.33	0.56	0.5	3.33	0.81 No	0.5	Element Fault
RLK069	579	'43742158_/_43742160'	2.7	6.8	10	1.688	4.1	10	2.43 No	1.688	Thermal Discharging
RLK069	580	'117717045_/_5583691_1'	2.7	6.8	10	1.688	2.6	10	2.43 No	1.688	Thermal Discharging
RLK069	581	'8357663_/_9700238'	3.33	3.33	3.33	0.56	0.53	3.33	0.81 No	0.53	Element Fault
RLK069	582	'5588892_/_43743457'	3.33	3.33	3.33	0.56	0.5	3.33	0.81 No	0.5	Element Fault
RLK069	583	'56877503_/_8665161'	3.33	3.33	3.33	0.56	0.5	3.33	0.81 No	0.5	Element Fault
RLK069	584	'39685936_/_8357660'	3.33	3.33	3.33	0.56	0.53	3.33	0.81 No	0.53	Element Fault
RLK069	585	'7406948_/_525255448'	0.6	2.17	3.33	0.56	0.3	3.33	0.81 No	0.3	Element Fault
RLK069	586	'5600458_/_5600885'	2.4	7	10	1.688	4.6	10	2.43 No	1.688	Thermal Discharging
RLK069	587	'43743488_/_5588847'	3.33	3.33	3.33	0.56	0.5	3.33	0.81 No	0.5	Element Fault
RLK069	588	'5588908_/_5588905'	3.33	3.33	3.33	0.56	0.5	3.33	0.81 No	0.5	Element Fault
RLK069	589	'8043714_/_8664291'	0.67	2.17	3.33	0.56	0.5	3.33	0.81 No	0.5	Element Fault
RLK069	590	'5583316_/_5583333'	2	6.4	10	1.688	2.6	10	2.43 No	1.688	Thermal Discharging
RLK069	591	'8043715_/_8043712'	0.67	2.13	3.33	0.56	0.5	3.33	0.81 No	0.5	Element Fault
RLK069	592	'43742147_/_43742149'	0.7	2.13	3.33	0.56	0.5	3.33	0.81 No	0.5	Element Fault
RLK069	593	'5583693_/_5583691_2'	2.6	6.6	10	1.688	2.6	10	2.43 No	1.688	Thermal Discharging
RLK069	594	'8664908_/_8664905'	0.67	2.13	3.33	0.56	0.3	3.33	0.81 No	0.3	Element Fault
RLK069	595	'358475556_/_358475501_1'	2.6	6.5	10	1.688	1.6	10	2.43 No	1.6	Element Fault
RLK069	596	'5588862_/_43743490'	3.33	3.33	3.33	0.56	0.5	3.33	0.81 No	0.5	Element Fault
RLK069	597	'5592622_/_5592619'	3.33	3.33	3.33	0.56	0.5	3.33	0.81 No	0.5	Element Fault
RLK069	598	'5600441_/_5600455'	2.3	6.7	10	1.688	3.4	10	2.43 No	1.688	Thermal Discharging
RLK069	599	'8665147_/_9300498'	3.33	3.33	3.33	0.56	0.53	3.33	0.81 No	0.53	Element Fault
RLK069	600	'56877491_/_56877533'	3.33	3.33	3.33	0.56	0.5	3.33	0.81 No	0.5	Element Fault
RLK069	601	'358475482_/_358475501_2'	2.5	6.3	10	1.688	1.6	10	2.43 No	1.6	Element Fault
RLK069	602	'5582898_/_5583313'	1.9	6.1	10	1.688	2.6	10	2.43 No	1.688	Thermal Discharging
RLK069	603	'5583238_/_5583248'	0.7	2.07	3.33	0.56	0.5	3.33	0.81 No	0.5	Element Fault
RLK069	604	'43742114_/_5592632'	3.33	3.33	3.33	0.56	0.5	3.33	0.81 No	0.5	Element Fault
RLK069	605	'8357710_/_8665385'	1.4	3.33	3.33	0.56	0.3	3.33	0.81 No	0.3	Element Fault
RLK069	606	'5588863_/_5588860'	3.33	3.33	3.33	0.56	0.5	3.33	0.81 No	0.5	Element Fault
RLK069	607	'43742040_/_43742042'	2.5	6.3	10	1.688	2.6	10	2.43 No	1.688	Thermal Discharging
RLK069	608	'8043835_/_8357468'	0.63	2.03	3.33	0.56	0.5	3.33	0.81 No	0.5	Element Fault
RLK069	609	'5583407_/_5583404'	1.9	6	10	1.688	2.6	10	2.43 No	1.688	Thermal Discharging
RLK069	610	'7407228_/_7407226'	0.73	2	3.33	0.56	0.5	3.33	0.81 No	0.5	Element Fault
RLK069	611	'7720385_/_418940105'	0.57	2	3.33	0.56	0.3	3.33	0.81 No	0.3	Element Fault
RLK069	612	'5584067_/_5584064_2'	1.2	4	6.67	1.12	1.73	6.67	1.62 No	1.12	Thermal Discharging
RLK069	613	'5583674_/_5590922'	2.4	6.1	10	1.688	2.6	10	2.43 No	1.688	Thermal Discharging
RLK069	614	'5584052_/_5584064_1'	1.2	3.93	6.67	1.12	1	6.67	1.62 No	1	Element Fault
RLK069	615	'5583225_/_5583235'	0.7	1.97	3.33	0.56	0.5	3.33	0.81 No	0.5	Element Fault
RLK069	616	'8984336_/_8984333'	1.5	3.33	3.33	0.56	0.33	3.33	0.81 No	0.33	Element Fault
RLK069	617	'43743477_/_5588918'	1.33	3.33	3.33	0.56	0.5	3.33	0.81 No	0.5	Element Fault
RLK069	618	'5584168_/_5584236'	0.6	1.97	3.33	0.56	0.87	3.33	0.81 No	0.56	Thermal Discharging
RLK069	619	'404735941_/_404735960'	2.4	6	10	1.688	1.6	10	2.43 No	1.6	Element Fault
RLK069	620	'5600424_/_5600438'	2.1	6.2	10	1.688	3	10	2.43 No	1.688	Thermal Discharging
RLK069	621	'8664229_/_379519764'	0.67	1.97	3.33	0.56	0.5	3.33	0.81 No	0.5	Element Fault
RLK069	622	'545252474_/_545252392_2'	0.6	1.93	3.33	0.56	0.87	3.33	0.81 No	0.56	Thermal Discharging
RLK069	623	'5582910_/_5584165'	0.6	1.93	3.33	0.56	0.87	3.33	0.81 No	0.56	Thermal Discharging
RLK069	624	'5583212_/_5583222'	0.7	1.97	3.33	0.56	0.5	3.33	0.81 No	0.5	Element Fault
RLK069	625	'5567836_/_43742116'	3.33	3.33	3.33	0.56	0.5	3.33	0.81 No	0.5	Element Fault
RLK069	626	'5582885_/_5582895'	0.6	1.93	3.33	0.56	0.87	3.33	0.81 No	0.56	Thermal Discharging
RLK069	627	'5584051_/_5584049'	1.2	3.8	6.67	1.12	1	6.67	1.62 No	1	Element Fault
RLK069	628	'5584037_/_5584181'	1.2	3.8	6.67	1.12	1	6.67	1.62 No	1	Element Fault
RLK069	629	'7720285_/_8043832'	0.6	1.9	3.33	0.56	0.5	3.33	0.81 No	0.5	Element Fault
RLK069	630	'55666052_/_8665177'	3.33	3.33	3.33	0.56	0.5	3.33	0.81 No	0.5	Element Fault
RLK069	631	'8357711_/_8357708'	1.13	3.33	3.33	0.56	0.3	3.33	0.81 No	0.3	Element Fault
RLK069	632	'5583651_/_5583671'	2.3	5.8	10	1.688	2.6	10	2.43 No	1.688	Thermal Discharging
RLK069	633	'43742125_/_5567834'	3.33	3.33	3.33	0.56	0.5	3.33	0.81 No	0.5	Element Fault
RLK069	634	'43741926_/_43741928'	0.6	1.9	3.33	0.56	0.87	3.33	0.81 No	0.56	Thermal Discharging
RLK069	635	'55666074_/_55666084'	3.33	3.33	3.33	0.56	0.5	3.33	0.81 No	0.5	Element Fault
RLK069	636	'5582872_/_5582869_2'	0.6	1.9	3.33	0.56	0.87	3.33	0.81 No	0.56	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RLK069	637	'5583140_/_5583209'	0.7	1.9	3.33	0.56	0.5	3.33	0.81 No	0.5	Element Fault
RLK069	638	'5583128_/_43741972_2'	0.7	1.9	3.33	0.56	0.5	3.33	0.81 No	0.5	Element Fault
RLK069	639	'8357020_/_545252392_1'	0.57	1.87	3.33	0.56	0.5	3.33	0.81 No	0.5	Element Fault
RLK069	640	'5600407_/_5600421'	2	5.8	10	1.688	3	10	2.43 No	1.688	Thermal Discharging
RLK069	641	'8043987_/_55666095'	3.33	3.33	3.33	0.56	0.5	3.33	0.81 No	0.5	Element Fault
RLK069	642	'5582871_/_5582869_1'	0.57	1.87	3.33	0.56	0.5	3.33	0.81 No	0.5	Element Fault
RLK069	643	'7720452_/_8665145'	3.33	3.33	3.33	0.56	0.53	3.33	0.81 No	0.53	Element Fault
RLK069	644	'43742136_/_5584097'	0.57	1.87	3.33	0.56	0.5	3.33	0.81 No	0.5	Element Fault
RLK069	645	'5584022_/_5584034'	1.13	3.73	6.67	1.12	1	6.67	1.62 No	1	Element Fault
RLK069	646	'5582949_/_5582947_1'	0.57	1.87	3.33	0.56	0.3	3.33	0.81 No	0.3	Element Fault
RLK069	647	'43741937_/_5582908'	0.57	1.83	3.33	0.56	0.5	3.33	0.81 No	0.5	Element Fault
RLK069	648	'5583537_/_5583648'	2.2	5.5	10	1.688	2.6	10	2.43 No	1.688	Thermal Discharging
RLK069	649	'5568329_/_5584019'	1.13	3.67	6.67	1.12	1	6.67	1.62 No	1	Element Fault
RLK069	650	'43741804_/_43742127'	3.33	3.33	3.33	0.56	0.5	3.33	0.81 No	0.5	Element Fault
RLK069	651	'43741970_/_43741972_1'	0.67	1.83	3.33	0.56	0.5	3.33	0.81 No	0.5	Element Fault
RLK069	652	'5582950_/_5582947_2'	0.57	1.83	3.33	0.56	0.3	3.33	0.81 No	0.3	Element Fault
RLK069	653	'5583141_/_5583138'	0.67	1.83	3.33	0.56	0.5	3.33	0.81 No	0.5	Element Fault
RLK069	654	'5588921_/_43743479'	1.03	3.33	3.33	0.56	0.5	3.33	0.81 No	0.5	Element Fault
RLK069	655	'43741915_/_43741917'	0.57	1.8	3.33	0.56	0.5	3.33	0.81 No	0.5	Element Fault
RLK069	656	'7720284_/_7720282'	0.57	1.8	3.33	0.56	0.5	3.33	0.81 No	0.5	Element Fault
RLK069	657	'8984584_/_9611505_1'	0.57	1.8	3.33	0.56	0.3	3.33	0.81 No	0.3	Element Fault
RLK069	658	'5583154_/_5583151'	0.67	1.8	3.33	0.56	0.5	3.33	0.81 No	0.5	Element Fault
RLK069	659	'5567849_/_43741806'	3.33	3.33	3.33	0.56	0.5	3.33	0.81 No	0.5	Element Fault
RLK069	660	'57934994_/_57934966'	2.2	5.4	10	1.688	2.6	10	2.43 No	1.688	Thermal Discharging
RLK069	661	'5568308_/_5568326'	1.13	3.6	6.67	1.12	1	6.67	1.62 No	1	Element Fault
RLK069	662	'8664955_/_8664953'	0.67	1.77	3.33	0.56	0.5	3.33	0.81 No	0.5	Element Fault
RLK069	663	'350260607_/_43741894_2'	1.13	3.6	6.67	1.12	1	6.67	1.62 No	1	Element Fault
RLK069	664	'5582690_/_5583109'	0.67	1.8	3.33	0.56	0.5	3.33	0.81 No	0.5	Element Fault
RLK069	665	'5582963_/_5582960'	0.53	1.77	3.33	0.56	0.3	3.33	0.81 No	0.3	Element Fault
RLK069	666	'5568347_/_5591861_1'	0.57	1.77	3.33	0.56	0.3	3.33	0.81 No	0.3	Element Fault
RLK069	667	'5600406_/_5600404'	1.9	5.4	10	1.688	3	10	2.43 No	1.688	Thermal Discharging
RLK069	668	'5583611_/_5583625'	2.1	5.3	10	1.688	2.6	10	2.43 No	1.688	Thermal Discharging
RLK069	669	'7720453_/_7720450'	3.33	3.33	3.33	0.56	0.53	3.33	0.81 No	0.53	Element Fault
RLK069	670	'5582859_/_5582934'	0.53	1.77	3.33	0.56	0.5	3.33	0.81 No	0.5	Element Fault
RLK069	671	'43741892_/_43741894_1'	1.07	3.53	6.67	1.12	0.6	6.67	1.62 No	0.6	Element Fault
RLK069	672	'5582924_/_43741939'	0.53	1.73	3.33	0.56	0.5	3.33	0.81 No	0.5	Element Fault
RLK069	673	'5583591_/_5583608'	2.1	5.2	10	1.688	2.6	10	2.43 No	1.688	Thermal Discharging
RLK069	674	'43743701_/_5591861_2'	0.53	1.73	3.33	0.56	0.3	3.33	0.81 No	0.3	Element Fault
RLK069	675	'5583497_/_57934996'	2.1	5.2	10	1.688	2.6	10	2.43 No	1.688	Thermal Discharging
RLK069	676	'5583167_/_5583164'	0.63	1.73	3.33	0.56	0.5	3.33	0.81 No	0.5	Element Fault
RLK069	677	'5582689_/_5582687'	0.63	1.77	3.33	0.56	0.5	3.33	0.81 No	0.5	Element Fault
RLK069	678	'57935020_/_415517946_1'	2.1	5.2	10	1.688	1.5	10	2.43 No	1.5	Element Fault
RLK069	679	'8043986_/_8043984'	3.33	3.33	3.33	0.56	0.5	3.33	0.81 No	0.5	Element Fault
RLK069	680	'5582778_/_5591845'	0.53	1.73	3.33	0.56	0.3	3.33	0.81 No	0.3	Element Fault
RLK069	681	'5567850_/_5567847'	3.33	3.33	3.33	0.56	0.5	3.32	0.81 No	0.5	Element Fault
RLK069	682	'43741948_/_5582976'	0.53	1.7	3.33	0.56	0.3	3.33	0.81 No	0.3	Element Fault
RLK069	683	'483394102_/_415517946_2'	2.1	5.1	10	1.688	1.5	10	2.43 No	1.5	Element Fault
RLK069	684	'8043106_/_545252401'	0.53	1.7	3.33	0.56	0.5	3.33	0.81 No	0.5	Element Fault
RLK069	685	'5583574_/_5583588'	2.1	5.1	10	1.688	2.6	10	2.43 No	1.688	Thermal Discharging
RLK069	686	'7406599_/_8357066_1'	2.1	5.1	10	1.688	1.5	10	2.43 No	1.5	Element Fault
RLK069	687	'8357069_/_8357066_2'	2.1	5.1	10	1.688	1.5	10	2.43 No	1.5	Element Fault
RLK069	688	'7406964_/_418940116'	0.5	1.7	3.33	0.56	0.3	3.33	0.81 No	0.3	Element Fault
RLK069	689	'43741859_/_43741861'	0.63	1.73	3.33	0.56	0.5	3.33	0.81 No	0.5	Element Fault
RLK069	690	'43741992_/_5583180'	0.63	1.7	3.33	0.56	0.5	3.33	0.81 No	0.5	Element Fault
RLK069	691	'5582846_/_5582856'	0.53	1.7	3.33	0.56	0.5	3.33	0.81 No	0.5	Element Fault
RLK069	692	'5583557_/_5583571'	2.1	5	10	1.688	2.6	10	2.43 No	1.688	Thermal Discharging
RLK069	693	'5591877_/_5591874'	0.53	1.7	3.33	0.56	0.3	3.33	0.81 No	0.3	Element Fault
RLK069	694	'9300469_/_9300466_1'	3.33	3.33	3.33	0.56	0.5	3.28	0.81 No	0.5	Element Fault
RLK069	695	'45270957_/_5582674'	0.63	1.7	3.33	0.56	0.5	3.33	0.81 No	0.5	Element Fault
RLK069	696	'5567905_/_5567902'	3.33	3.33	3.33	0.56	0.5	3.25	0.81 No	0.5	Element Fault
RLK069	697	'5582765_/_5582775'	0.53	1.67	3.33	0.56	0.3	3.33	0.81 No	0.3	Element Fault
RLK069	698	'5567863_/_5567860'	3.33	3.33	3.33	0.56	0.5	3.25	0.81 No	0.5	Element Fault
RLK069	699	'7406566_/_7406564_1'	3.33	3.33	3.33	0.56	0.3	3.24	0.81 No	0.3	Element Fault
RLK069	700	'43745773_/_43745775'	1.8	5	10	1.688	3	10	2.43 No	1.688	Thermal Discharging
RLK069	701	'7406567_/_7406564_2'	3.33	3.33	3.33	0.56	0.3	3.24	0.81 No	0.3	Element Fault
RLK069	702	'53572057_/_53572000_1'	3.33	3.33	3.33	0.56	0.3	3.24	0.81 No	0.3	Element Fault
RLK069	703	'45370688_/_5583196'	0.63	1.67	3.33	0.56	0.5	3.33	0.81 No	0.5	Element Fault
RLK069	704	'5582992_/_43741950'	0.5	1.67	3.33	0.56	0.3	3.33	0.81 No	0.3	Element Fault
RLK069	705	'43741904_/_5582843'	0.5	1.63	3.33	0.56	0.5	3.33	0.81 No	0.5	Primary Over-Voltage
RLK069	706	'5583730_/_5583728'	2	4.9	10	1.688	2.6	10	2.43 No	1.688	Thermal Discharging
RLK069	707	'5591890_/_5591887'	0.5	1.63	3.33	0.56	0.3	3.33	0.81 No	0.3	Element Fault
RLK069	708	'5582791_/_5582788'	0.5	1.63	3.33	0.56	0.3	3.33	0.81 No	0.3	Element Fault
RLK069	709	'8043107_/_512196271'	0.5	1.63	3.33	0.56	0.5	3.33	0.81 No	0.5	Primary Over-Voltage
RLK069	710	'5583556_/_5583554'	2	4.9	10	1.688	2.6	10	2.43 No	1.688	Thermal Discharging
RLK069	711	'415517938_/_5583494'	2	4.9	10	1.688	1.5	10	2.43 No	1.5	Element Fault
RLK069	712	'415518043_/_406813504_2'	1.9	4.8	10	1.688	1.5	10	2.43 No	1.5	Element Fault
RLK069	713	'457391948_/_574449354_1'	0.5	1.67	3.33	0.56	0.5	3.33	0.81 No	0.5	Primary Over-Voltage
RLK069	714	'531759989_/_531759993'	1.9	4.8	10	1.688	1.5	10	2.43 No	1.5	Element Fault
RLK069	715	'5583427_/_5583424'	3.33	3.33	3.33	0.56	0.5	3.2	0.81 No	0.5	Element Fault
RLK069	716	'5582752_/_5582762'	0.5	1.63	3.33	0.56	0.3	3.33	0.81 No	0.3	Element Fault
RLK069	717	'43743712_/_5591903'	0.5	1.63	3.33	0.56	0.3	3.33	0.81 No	0.3	Element Fault
RLK069	718	'406813461_/_406813504_1'	1.9	4.8	10	1.688	1.5	10	2.43 No	1.5	Element Fault
RLK069	719	'5600390_/_5601041'	1.7	4.8	10	1.688	3	10	2.43 No	1.688	Thermal Discharging
RLK069	720	'531760065_/_531760062'	1.9	4.8	10	1.688	1.5	10	2.43 No	1.5	Element Fault
RLK069	721	'5582664_/_5582827'	0.5	1.6	3.33	0.56	0.5	3.33	0.81 No	0.5	Primary Over-Voltage
RLK069	722	'5583005_/_5583002'	0.5	1.6	3.33	0.56	0.3	3.33	0.81 No	0.3	Element Fault
RLK069	723	'43743717_/_43743714'	0.5	1.6	3.33	0.56	0.3	3.33	0.81 No	0.3	Element Fault
RLK069	724	'5600565_/_5600562_1'	1.7	4.7	10	1.688	0.7	10	2.43 No	0.7	Element Fault
RLK069	725	'5582804_/_5582801'	0.5	1.6	3.33	0.56	0.3	3.33	0.81 No	0.3	Element Fault
RLK069	726	'531760083_/_531760080'	1.9	4.7	10	1.688	1.5	10	2.43 No	1.5	Element Fault
RLK069	727	'5582267_/_5589192'	1.9	4.7	10	1.688	2.6	10	2.43 No	1.688	Thermal Discharging
RLK069	728	'5600582_/_5600562_2'	1.7	4.7	10	1.688	0.7	10	2.43 No	0.7	Element Fault
RLK069	729	'43741870_/_43741872'	0.5	1.57	3.33	0.56	0.3	3.33	0.81 No	0.3	Element Fault
RLK069	730	'7406965_/_418940127'	0.43	1.57	3.33	0.56	0.3	3.33	0.81 No	0.3	Element Fault

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RLK069	731	'531760101_/_531760098'		1.9	4.6	10	1.688	1.5	10	2.43 No	1.5 Element Fault
RLK069	732	'8043191_/_8043188'		3.33	3.33	3.33	0.56	0.3	3.1	0.81 No	0.3 Element Fault
RLK069	733	'5582268_/_5582265'		1.9	4.6	10	1.688	2.6	10	2.43 No	1.688 Thermal Discharging
RLK069	734	'5583018_/_5583015'		0.5	1.57	3.33	0.56	0.3	3.33	0.81 No	0.3 Element Fault
RLK069	735	'5600370_/_5600387'		1.6	4.6	10	1.688	2.9	10	2.43 No	1.6 Primary Over-Voltage
RLK069	736	'8665111_/_8665109'		0.57	1.53	3.33	0.56	0.5	3.33	0.81 No	0.5 Element Fault
RLK069	737	'43745797_/_5600596'		1.6	4.6	10	1.688	0.7	10	2.43 No	0.7 Element Fault
RLK069	738	'5582651_/_5582661'		0.47	1.53	3.33	0.56	0.5	3.33	0.81 No	0.47 Primary Over-Voltage
RLK069	739	'406813695_/_406813592'		0.93	3.33	3.33	0.56	0.53	3.07	0.81 No	0.53 Element Fault
RLK069	740	'5582302_/_5582299'		1.8	4.5	10	1.688	2.6	10	2.43 No	1.688 Thermal Discharging
RLK069	741	'531760119_/_531760116'		1.8	4.5	10	1.688	1.5	10	2.43 No	1.5 Element Fault
RLK069	742	'43741654_/_5582282'		1.8	4.5	10	1.688	2.6	10	2.43 No	1.688 Thermal Discharging
RLK069	743	'43741959_/_5583028'		0.47	1.53	3.33	0.56	0.3	3.33	0.81 No	0.3 Element Fault
RLK069	744	'5600618_/_43745799'		1.6	4.5	10	1.688	0.7	10	2.43 No	0.7 Element Fault
RLK069	745	'5582638_/_5582648'		0.47	1.5	3.33	0.56	0.5	3.33	0.81 No	0.47 Primary Over-Voltage
RLK069	746	'531760143_/_531760140'		1.8	4.4	10	1.688	1.5	10	2.43 No	1.5 Element Fault
RLK069	747	'5582599_/_5582609'		0.47	1.5	3.33	0.56	0.3	3.33	0.81 No	0.3 Element Fault
RLK069	748	'5582285_/_43741656'		1.8	4.4	10	1.688	2.6	10	2.43 No	1.688 Thermal Discharging
RLK069	749	'5582352_/_5582370'		1.8	4.4	10	1.688	2.6	10	2.43 No	1.688 Thermal Discharging
RLK069	750	'43745810_/_5600616'		1.5	4.4	10	1.688	0.7	10	2.43 No	0.7 Element Fault
RLK069	751	'5583044_/_5583041'		0.47	1.5	3.33	0.56	0.3	3.33	0.81 No	0.3 Element Fault
RLK069	752	'531760161_/_531760158'		1.7	4.4	10	1.688	1.5	9.94	2.43 No	1.5 Element Fault
RLK069	753	'5582318_/_5582350'		1.8	4.3	10	1.688	2.6	9.93	2.43 No	1.688 Thermal Discharging
RLK069	754	'9300189_/_9611289'		0.43	1.43	3.33	0.56	0.3	3.33	0.81 No	0.3 Element Fault
RLK069	755	'75195661_/_5582387'		1.7	4.3	10	1.688	2.6	9.88	2.43 No	1.688 Thermal Discharging
RLK069	756	'7719834_/_53572000_2'		3.33	3.33	3.33	0.56	0.3	2.98	0.81 No	0.3 Element Fault
RLK069	757	'5582598_/_5582596'		0.47	1.47	3.33	0.56	0.3	3.33	0.81 No	0.3 Element Fault
RLK069	758	'5600347_/_5600367'		1.5	4.3	10	1.688	2.9	9.94	2.43 No	1.5 Primary Over-Voltage
RLK069	759	'5582319_/_5582316'		1.7	4.3	10	1.688	2.6	9.8	2.43 No	1.688 Thermal Discharging
RLK069	760	'5583057_/_5583054'		0.43	1.47	3.33	0.56	0.3	3.29	0.81 No	0.3 Element Fault
RLK069	761	'43741815_/_43741817'		0.43	1.43	3.33	0.56	0.3	3.3	0.81 No	0.3 Element Fault
RLK069	762	'43741848_/_43741850'		0.43	1.43	3.33	0.56	0.5	3.3	0.81 No	0.43 Primary Over-Voltage
RLK069	763	'5583073_/_5583070'		0.43	1.43	3.33	0.56	0.3	3.25	0.81 No	0.3 Element Fault
RLK069	764	'5600346_/_5600344'		1.5	4.1	10	1.688	2.9	9.66	2.43 No	1.5 Primary Over-Voltage
RLK069	765	'5583086_/_5583083'		0.43	1.43	3.33	0.56	0.3	3.21	0.81 No	0.3 Element Fault
RLK069	766	'7406582_/_8043204'		3.33	3.33	3.33	0.56	0.3	2.88	0.81 No	0.3 Element Fault
RLK069	767	'5583099_/_5583096'		0.43	1.4	3.33	0.56	0.3	3.18	0.81 No	0.3 Element Fault
RLK069	768	'5582637_/_5582635'		0.43	1.37	3.33	0.56	0.5	3.18	0.81 No	0.43 Primary Over-Voltage
RLK069	769	'5591036_/_5591034'		0.43	1.37	3.33	0.56	0.3	3.17	0.81 No	0.3 Element Fault
RLK069	770	'43745760_/_43745762'		1.4	4	10	1.688	2.9	9.45	2.43 No	1.4 Primary Over-Voltage
RLK069	771	'5591024_/_5591047'		0.43	1.37	3.33	0.56	0.3	3.15	0.81 No	0.3 Element Fault
RLK069	772	'122444162_/_43741828_2'		0.43	1.33	3.33	0.56	0.3	3.13	0.81 No	0.3 Element Fault
RLK069	773	'7719719_/_8043608_1'		0.7	2.4	3.33	0.56	0.5	2.77	0.81 No	0.5 Element Fault
RLK069	774	'8984488_/_9300186'		0.37	1.33	3.33	0.56	0.3	3.14	0.81 No	0.3 Element Fault
RLK069	775	'7719835_/_53572019'		1.33	3.33	3.33	0.56	0.3	2.8	0.81 No	0.3 Element Fault
RLK069	776	'7406583_/_7406580'		1.33	3.33	3.33	0.56	0.3	2.8	0.81 No	0.3 Element Fault
RLK069	777	'43741826_/_43741828_1'		0.4	1.3	3.33	0.56	0.2	3.06	0.81 No	0.2 Element Fault
RLK069	778	'5601594_/_5601592'		1.4	3.8	10	1.688	2.9	9.12	2.43 No	1.4 Primary Over-Voltage
RLK069	779	'8357762_/_8357760_1'		1.4	3.8	10	1.688	0.7	9.11	2.43 No	0.7 Element Fault
RLK069	780	'8043611_/_8043608_2'		0.7	3.33	3.33	0.56	0.5	2.69	0.81 No	0.5 Element Fault
RLK069	781	'8357763_/_8357760_2'		1.3	3.7	10	1.688	0.7	9	2.43 No	0.7 Element Fault
RLK069	782	'5600664_/_5600996'		0.6	2.33	3.33	0.56	0.23	2.71	0.81 No	0.23 Element Fault
RLK069	783	'43745747_/_43745749'		1.3	3.7	10	1.688	2.9	8.95	2.43 No	1.3 Primary Over-Voltage
RLK069	784	'5568015_/_5582583'		0.4	1.27	3.33	0.56	0.2	2.98	0.81 No	0.2 Element Fault
RLK069	785	'5607257_/_5610719'		1.3	3.6	10	1.688	2.9	8.8	2.43 No	1.3 Primary Over-Voltage
RLK069	786	'43741837_/_43741839'		0.4	1.23	3.33	0.56	0.2	2.92	0.81 No	0.2 Element Fault
RLK069	787	'5607256_/_5607254'		1.3	3.5	10	1.688	2.9	8.69	2.43 No	1.3 Primary Over-Voltage
RLK069	788	'7406667_/_153538061'		1.03	3.33	3.33	0.56	0.3	2.63	0.81 No	0.3 Element Fault
RLK069	789	'5567989_/_5567999'		0.37	1.23	3.33	0.56	0.2	2.88	0.81 No	0.2 Element Fault
RLK069	790	'43745822_/_43745812'		0.57	1.97	3.33	0.56	0.23	2.61	0.81 No	0.23 Element Fault
RLK069	791	'43745833_/_43745835'		1.3	3.4	10	1.688	2.9	8.47	2.43 No	1.3 Primary Over-Voltage
RLK069	792	'5600665_/_5600662'		0.6	3.33	3.33	0.56	0.23	2.57	0.81 No	0.23 Element Fault
RLK069	793	'5567988_/_5567986'		0.37	1.2	3.33	0.56	0.2	2.82	0.81 No	0.2 Element Fault
RLK069	794	'8664277_/_9299750'		0.97	3.33	3.33	0.56	0.3	2.56	0.81 No	0.3 Element Fault
RLK069	795	'5607294_/_5607308'		1.2	3.4	10	1.688	2.9	8.38	2.43 No	1.2 Primary Over-Voltage
RLK069	796	'43745786_/_5600675'		0.6	3.33	3.33	0.56	0.23	2.54	0.81 No	0.23 Element Fault
RLK069	797	'5601028_/_5601025'		0.57	2	3.33	0.56	0.23	2.52	0.81 No	0.23 Element Fault
RLK069	798	'5607274_/_5607291'		1.2	3.3	10	1.688	2.9	8.25	2.43 No	1.2 Primary Over-Voltage
RLK069	799	'5600694_/_5600691'		0.6	3.33	3.33	0.56	0.23	2.5	0.81 No	0.23 Element Fault
RLK069	800	'5605187_/_5605184'		0.57	2.03	3.33	0.56	0.23	2.49	0.81 No	0.23 Element Fault
RLK069	801	'5607361_/_5607358'		1.2	3.3	10	1.688	2.9	8.19	2.43 No	1.2 Primary Over-Voltage
RLK069	802	'5610540_/_5610555'		1.2	3.2	10	1.688	2.9	8.13	2.43 No	1.2 Primary Over-Voltage
RLK069	803	'5603692_/_5607271'		1.2	3.2	10	1.688	2.9	8.12	2.43 No	1.2 Primary Over-Voltage
RLK069	804	'5600707_/_5600704'		0.6	3.33	3.33	0.56	0.23	2.47	0.81 No	0.23 Element Fault
RLK069	805	'43746181_/_5605213'		0.57	2.07	3.33	0.56	0.23	2.47	0.81 No	0.23 Element Fault
RLK069	806	'5610541_/_5610538'		1.2	3.2	10	1.688	2.9	8.08	2.43 No	1.2 Primary Over-Voltage
RLK069	807	'5600723_/_5600720'		0.6	3.33	3.33	0.56	0.23	2.47	0.81 No	0.23 Element Fault
RLK069	808	'5600638_/_5605200'		0.57	2.07	3.33	0.56	0.23	2.45	0.81 No	0.23 Element Fault
RLK069	809	'124015210_/_124015207'		1.2	3.2	10	1.688	2.9	8.05	2.43 No	1.2 Primary Over-Voltage
RLK069	810	'43746068_/_43746070'		1.2	3.2	10	1.688	2.9	8.03	2.43 No	1.2 Primary Over-Voltage
RLK069	811	'5600862_/_5600859'		0.6	3.33	3.33	0.56	0.23	2.45	0.81 No	0.23 Element Fault
RLK069	812	'5600639_/_5600636'		0.57	2.1	3.33	0.56	0.23	2.43	0.81 No	0.23 Element Fault
RLK069	813	'43746092_/_5605226'		0.57	2.1	3.33	0.56	0.23	2.43	0.81 No	0.23 Element Fault
RLK069	814	'5611721_/_5611719'		1.2	3.1	10	1.688	2.9	7.92	2.43 No	1.2 Primary Over-Voltage
RLK069	815	'5600652_/_5600649'		0.57	2.17	3.33	0.56	0.23	2.4	0.81 No	0.23 Element Fault
RLK069	816	'5600875_/_5600872'		0.57	3.33	3.33	0.56	0.23	2.41	0.81 No	0.23 Element Fault
RLK069	817	'5611756_/_5611770'		1.1	3.1	10	1.688	2.9	7.83	2.43 No	1.1 Primary Over-Voltage
RLK069	818	'5605229_/_43746094'		0.57	2.17	3.33	0.56	0.23	2.39	0.81 No	0.23 Element Fault
RLK069	819	'8664278_/_153538031'		0.8	2	3.33	0.56	0.3	2.4	0.81 No	0.3 Element Fault
RLK069	820	'5600781_/_5600778'		0.57	2.23	3.33	0.56	0.23	2.37	0.81 No	0.23 Element Fault
RLK069	821	'5600739_/_5600736'		0.57	2.23	3.33	0.56	0.23	2.36	0.81 No	0.23 Element Fault
RLK069	822	'5611739_/_5611753'		1.1	3	10	1.688	2.9	7.72	2.43 No	1.1 Primary Over-Voltage
RLK069	823	'5600794_/_5600791'		0.57	2.23	3.33	0.56	0.23	2.36	0.81 No	0.23 Element Fault
RLK069	824	'5600836_/_5600833'		0.57	2.33	3.33	0.56	0.23	2.33	0.81 No	0.23 Element Fault

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RLK069	825	'5600752_/_5600749'		0.57	2.33	3.33	0.56	0.23	2.33	0.81 No	0.23 Element Fault
RLK069	826	'43745846_/_5600807'		0.53	2.33	3.33	0.56	0.23	2.32	0.81 No	0.23 Element Fault
RLK069	827	'5600327_/_5611702'		1.1	3	10	1.688	2.9	7.54	2.43 No	1.1 Primary Over-Voltage
RLK069	828	'5600823_/_43745848'		0.53	2.1	3.33	0.56	0.23	2.3	0.81 No	0.23 Element Fault
RLK069	829	'5596144_/_5600324'		1.1	2.9	10	1.688	2.9	7.47	2.43 No	1.1 Primary Over-Voltage
RLK069	830	'8984799_/_9611039'		0.73	1.63	3.33	0.56	0.3	2.29	0.81 No	0.3 Element Fault
RLK069	831	'5596126_/_5600306'		0.73	1.93	6.67	1.12	1.93	4.89	1.62 No	0.73 Primary Over-Voltage
RLK069	832	'427193764_/_5596124_2'		0.73	1.93	6.67	1.12	1.93	4.88	1.62 No	0.73 Primary Over-Voltage
RLK069	833	'5600849_/_5600846'		0.5	1.77	3.33	0.56	0.23	2.24	0.81 No	0.23 Element Fault
RLK069	834	'5596145_/_5596142'		1	2.8	10	1.688	2.9	7.26	2.43 No	1 Primary Over-Voltage
RLK069	835	'5607380_/_124015278'		0.4	1.2	3.33	0.56	0.97	2.23	0.81 No	0.4 Primary Over-Voltage
RLK069	836	'43746081_/_5607345'		0.4	1.23	3.33	0.56	0.97	2.23	0.81 No	0.4 Primary Over-Voltage
RLK069	837	'124015387_/_5607378_2'		0.4	1.2	3.33	0.56	0.97	2.23	0.81 No	0.4 Primary Over-Voltage
RLK069	838	'8984800_/_8984797_1'		0.63	3.33	3.33	0.56	0.5	2.23	0.81 No	0.5 Element Fault
RLK069	839	'5596127_/_5596124_1'		0.67	1.93	6.67	1.12	0.4	4.78	1.62 No	0.4 Element Fault
RLK069	840	'43746086_/_43746083'		0.4	1.23	3.33	0.56	0.97	2.22	0.81 No	0.4 Primary Over-Voltage
RLK069	841	'5601090_/_5601087'		1	2.8	10	1.688	2.9	7.14	2.43 No	1 Primary Over-Voltage
RLK069	842	'5601126_/_5601142'		0.67	1.87	6.67	1.12	0.4	4.68	1.62 No	0.4 Element Fault
RLK069	843	'5601110_/_5601107'		1	2.7	10	1.688	2.9	7.05	2.43 No	1 Primary Over-Voltage
RLK069	844	'5600480_/_5607378_1'		0.4	1.2	3.33	0.56	0.2	2.15	0.81 No	0.2 Element Fault
RLK069	845	'5601629_/_5601626'		1	2.7	10	1.688	2.9	6.93	2.43 No	1 Primary Over-Voltage
RLK069	846	'5601127_/_5601124'		0.67	1.8	6.67	1.12	0.4	4.59	1.62 No	0.4 Element Fault
RLK069	847	'55727842_/_5601662'		1	2.7	10	1.688	2.9	6.85	2.43 No	1 Primary Over-Voltage
RLK069	848	'55727886_/_55727863'		1	2.7	10	1.688	2.9	6.84	2.43 No	1 Primary Over-Voltage
RLK069	849	'55727964_/_55727927_2'		1	2.7	10	1.688	2.9	6.83	2.43 No	1 Primary Over-Voltage
RLK069	850	'5600481_/_5600478'		0.4	1.23	3.33	0.56	0.2	2.11	0.81 No	0.2 Element Fault
RLK069	851	'55727920_/_55727927_1'		0.9	2.6	10	1.688	0.7	6.69	2.43 No	0.7 Element Fault
RLK069	852	'5600497_/_5600494'		0.4	1.23	3.33	0.56	0.2	2.06	0.81 No	0.2 Element Fault
RLK069	853	'5600552_/_5600549'		0.4	1.23	3.33	0.56	0.2	2.05	0.81 No	0.2 Element Fault
RLK069	854	'5600526_/_5600523'		0.4	1.23	3.33	0.56	0.2	2.04	0.81 No	0.2 Element Fault
RLK069	855	'68926328_/_5600765'		0.4	1.23	3.33	0.56	0.2	2.03	0.81 No	0.2 Element Fault
RLK069	856	'51365866_/_624672891'		0.4	1.23	3.33	0.56	0.2	2.03	0.81 No	0.2 Element Fault
RLK069	857	'5600539_/_5600536'		0.4	1.23	3.33	0.56	0.2	2.03	0.81 No	0.2 Element Fault
RLK069	858	'519235239_/_52998045_2'		0.4	1.23	3.33	0.56	0.2	2.02	0.81 No	0.2 Element Fault
RLK069	859	'5601061_/_5601058'		0.37	1.07	3.33	0.56	0.2	1.98	0.81 No	0.2 Element Fault
RLK069	860	'5601077_/_5601074'		0.37	1.07	3.33	0.56	0.2	1.96	0.81 No	0.2 Element Fault
RLK069	861	'52998038_/_52998045_1'		0.4	1.17	3.33	0.56	0.1	1.94	0.81 No	0.1 Element Fault
RLK069	862	'5601649_/_5601646'		0.33	1	3.33	0.56	0.97	1.92	0.81 No	0.33 Primary Over-Voltage
RLK069	863	'3641393_/_7075466'		0.33	1	3.33	0.56	0.97	1.89	0.81 No	0.33 Primary Over-Voltage
RLK069	864	'519234886_/_519234902'		0.4	1.1	3.33	0.56	0.1	1.89	0.81 No	0.1 Element Fault
RLK069	865	'3641406_/_3641403'		0.33	1	3.33	0.56	0.97	1.87	0.81 No	0.33 Primary Over-Voltage
RLK069	866	'3632765_/_3641390'		0.33	1	3.33	0.56	0.97	1.86	0.81 No	0.33 Primary Over-Voltage
RLK069	867	'3632709_/_3641416'		0.33	1	3.33	0.56	0.97	1.85	0.81 No	0.33 Primary Over-Voltage
RLK069	868	'43356124_/_3632762'		0.33	1	3.33	0.56	0.97	1.84	0.81 No	0.33 Primary Over-Voltage
RLK069	869	'519234918_/_519234934'		0.4	1.03	3.33	0.56	0.1	1.85	0.81 No	0.1 Element Fault
RLK069	870	'61696978_/_3632733_3'		0.33	1	3.33	0.56	0.9	1.84	0.81 No	0.33 Primary Over-Voltage
RLK069	871	'519234995_/_519234952_1'		0.33	0.87	3.33	0.56	0.1	1.85	0.81 No	0.1 Element Fault
RLK069	872	'3632736_/_3632733_2'		0.33	1	3.33	0.56	0.2	1.83	0.81 No	0.2 Element Fault
RLK069	873	'43356135_/_3632749'		0.33	1	3.33	0.56	0.97	1.82	0.81 No	0.33 Primary Over-Voltage
RLK069	874	'43356172_/_3632707'		0.33	1	3.33	0.56	0.97	1.82	0.81 No	0.33 Primary Over-Voltage
RLK069	875	'3632710_/_8735552_2'		0.33	1	3.33	0.56	0.97	1.82	0.81 No	0.33 Primary Over-Voltage
RLK069	876	'3641445_/_3641442'		0.33	1	3.33	0.56	0.2	1.81	0.81 No	0.2 Element Fault
RLK069	877	'3632693_/_3632691'		0.33	1	3.33	0.56	0.97	1.8	0.81 No	0.33 Primary Over-Voltage
RLK069	878	'3632723_/_3632733_1'		0.33	1	3.33	0.56	0.2	1.79	0.81 No	0.2 Element Fault
RLK069	879	'7075093_/_7075090'		0.33	1	3.33	0.56	0.2	1.77	0.81 No	0.2 Element Fault
RLK069	880	'3632722_/_3632720'		0.33	0.97	3.33	0.56	0.2	1.73	0.81 No	0.2 Element Fault
RLK069	881	'8735555_/_8735552_1'		0.33	0.97	3.33	0.56	0.2	1.72	0.81 No	0.2 Element Fault
RLK069	882	'8044022_/_9681214_1'		0.33	0.9	3.33	0.56	0.1	1.64	0.81 No	0.1 Element Fault
RLK069	883	'5610594_/_9681214_2'		0.33	0.9	3.33	0.56	0.1	1.64	0.81 No	0.1 Element Fault
RLK069	884	'519235016_/_519234952_3'		0.33	0.9	3.33	0.56	0.1	1.64	0.81 No	0.1 Element Fault
RLK069	885	'5610595_/_5610592'		0.33	0.9	3.33	0.56	0.1	1.63	0.81 No	0.1 Element Fault
RLK071	0	'RLK071_/_7270353'		10	10	10	2.056	10	10	2.75 No	2.056 Thermal Discharging
RLK071	1	'114599801_/_7270353'		10	10	10	2.056	10	10	2.75 No	2.056 Thermal Discharging
RLK071	2	'7904445_/_8219562'		10	10	10	2.056	10	10	2.75 No	2.056 Thermal Discharging
RLK071	3	'7585671_/_7904443'		10	10	10	2.056	10	10	2.75 No	2.056 Thermal Discharging
RLK071	4	'7585672_/_7585669'		10	10	10	2.056	10	10	2.75 No	2.056 Thermal Discharging
RLK071	5	'8219544_/_8219542'		10	10	10	2.056	10	10	2.75 No	2.056 Thermal Discharging
RLK071	6	'8530134_/_8530132'		10	10	10	2.056	10	10	2.75 No	2.056 Thermal Discharging
RLK071	7	'8847910_/_8849231'		10	10	10	2.056	10	10	2.75 No	2.056 Thermal Discharging
RLK071	8	'8847909_/_8847907'		10	10	10	2.056	10	10	2.75 No	2.056 Thermal Discharging
RLK071	9	'7902832_/_9163059'		10	10	10	2.056	10	10	2.75 No	2.056 Thermal Discharging
RLK071	10	'7902831_/_7902829'		10	10	10	2.056	10	10	2.75 No	2.056 Thermal Discharging
RLK071	11	'8984524_/_8984521_2'		8.1	10	10	2.056	10	10	2.75 No	2.056 Thermal Discharging
RLK071	12	'5590168_/_8984521_1'		8	10	10	2.056	10	10	2.75 No	2.056 Thermal Discharging
RLK071	13	'5586383_/_5590165'		7.8	10	10	2.056	10	10	2.75 No	2.056 Thermal Discharging
RLK071	14	'54907525_/_54907502_1'		7.8	10	10	2.056	1.5	10	2.75 No	1.5 Element Fault
RLK071	15	'5590114_/_5590148'		7.6	10	10	2.056	10	10	2.75 No	2.056 Thermal Discharging
RLK071	16	'5586328_/_5586325_2'		2.6	3.33	3.33	0.688	1.1	3.33	0.92 No	0.688 Thermal Discharging
RLK071	17	'8664557_/_8664555_1'		2.53	3.33	3.33	0.688	0.5	3.33	0.92 No	0.5 Element Fault
RLK071	18	'5589893_/_5590111'		7.5	10	10	2.056	10	10	2.75 No	2.056 Thermal Discharging
RLK071	19	'54907495_/_54907502_2'		7.1	10	10	2.056	1.5	10	2.75 No	1.5 Element Fault
RLK071	20	'52528731_/_52528696'		4.47	6.67	6.67	1.368	1.13	6.67	1.83 No	1.13 Element Fault
RLK071	21	'467118432_/_8664555_2'		2.57	3.33	3.33	0.688	0.5	3.33	0.92 No	0.5 Element Fault
RLK071	22	'51237889_/_51237841_1'		7.5	10	10	2.056	1.7	10	2.75 No	1.7 Element Fault
RLK071	23	'5589876_/_5589890'		7.3	10	10	2.056	10	10	2.75 No	2.056 Thermal Discharging
RLK071	24	'52528855_/_52528820'		4.27	6.67	6.67	1.368	1.13	6.67	1.83 No	1.13 Element Fault
RLK071	25	'8664558_/_467118457'		2.53	3.33	3.33	0.688	0.5	3.33	0.92 No	0.5 Element Fault
RLK071	26	'5585813_/_5589873'		7.1	10	10	2.056	10	10	2.75 No	2.056 Thermal Discharging
RLK071	27	'5590627_/_5590625'		7	10	10	2.056	10	10	2.75 No	2.056 Thermal Discharging
RLK071	28	'52528692_/_51237841_2'		6.7	10	10	2.056	1.7	10	2.75 No	1.7 Element Fault
RLK071	29	'5585800_/_5585797_2'		2.37	3.33	3.33	0.688	1.6	3.33	0.92 No	0.688 Thermal Discharging
RLK071	30	'5589859_/_5590642'		6.9	10	10	2.056	10	10	2.75 No	2.056 Thermal Discharging
RLK071	31	'66380085_/_102205905_1'		6.8	10	10	2.056	1.5	10	2.75 No	1.5 Element Fault
RLK071	32	'52528818_/_52528733'		6.4	10	10	2.056	1.7	10	2.75 No	1.7 Element Fault

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RLK071	33	'5589842_/_5589856'		6.7	10	10	2.056	10	10	2.75 No	2.056 Thermal Discharging
RLK071	34	'5589841_/_5589839'		6.7	10	10	2.056	10	10	2.75 No	2.056 Thermal Discharging
RLK071	35	'102205899_/_102205905_2'		6.5	10	10	2.056	1.5	10	2.75 No	1.5 Element Fault
RLK071	36	'8664538_/_9611205_1'		6.7	10	10	2.056	1.5	10	2.75 No	1.5 Element Fault
RLK071	37	'7407080_/_7407078_1'		2.23	3.33	3.33	0.688	0.5	3.33	0.92 No	0.5 Element Fault
RLK071	38	'5589822_/_5591162'		6.6	10	10	2.056	10	10	2.75 No	2.056 Thermal Discharging
RLK071	39	'5585787_/_5585797_1'		2.17	3.33	3.33	0.688	1.6	3.33	0.92 No	0.688 Thermal Discharging
RLK071	40	'5585664_/_5589819'		6.5	10	10	2.056	10	10	2.75 No	2.056 Thermal Discharging
RLK071	41	'5585715_/_5589907'		6.4	10	10	2.056	10	10	2.75 No	2.056 Thermal Discharging
RLK071	42	'5585716_/_5585726_1'		2.13	3.33	3.33	0.688	0.5	3.33	0.92 No	0.5 Element Fault
RLK071	43	'5586327_/_5586325_1'		1.87	3.33	3.33	0.688	0.5	3.33	0.92 No	0.5 Element Fault
RLK071	44	'43742771_/_5589802'		6.3	10	10	2.056	10	10	2.75 No	2.056 Thermal Discharging
RLK071	45	'5585651_/_5585648_2'		2.17	3.33	3.33	0.688	0.9	3.33	0.92 No	0.688 Thermal Discharging
RLK071	46	'102205834_/_102205962'		5.8	10	10	2.056	1.5	10	2.75 No	1.5 Element Fault
RLK071	47	'124899718_/_124899621'		5.5	10	10	2.056	1.7	10	2.75 No	1.7 Element Fault
RLK071	48	'5589771_/_5589785'		6.2	10	10	2.056	10	10	2.75 No	2.056 Thermal Discharging
RLK071	49	'5585676_/_5585726_2'		2.13	3.33	3.33	0.688	0.5	3.33	0.92 No	0.5 Element Fault
RLK071	50	'5589770_/_5589768'		6.1	9.9	10	2.056	10	10	2.75 No	2.056 Thermal Discharging
RLK071	51	'8357203_/_9611173_1'		2.07	3.33	3.33	0.688	0.3	3.33	0.92 No	0.3 Element Fault
RLK071	52	'5585774_/_5585784'		1.83	3.33	3.33	0.688	1.1	3.33	0.92 No	0.688 Thermal Discharging
RLK071	53	'5584896_/_5590659'		6	9.7	10	2.056	10	10	2.75 No	2.056 Thermal Discharging
RLK071	54	'5584883_/_5589680'		5.9	9.5	10	2.056	10	10	2.75 No	2.056 Thermal Discharging
RLK071	55	'9611208_/_9611205_2'		5.4	9.9	10	2.056	1.5	10	2.75 No	1.5 Element Fault
RLK071	56	'5584897_/_5589255_1'		2	3.17	3.33	0.688	1.6	3.33	0.92 No	0.688 Thermal Discharging
RLK071	57	'5584884_/_5593170_1'		1.97	3.17	3.33	0.688	0.5	3.33	0.92 No	0.5 Element Fault
RLK071	58	'9611176_/_9611173_2'		1.97	3.2	3.33	0.688	0.3	3.33	0.92 No	0.3 Element Fault
RLK071	59	'383402370_/_9299966_1'		1.97	3.1	3.33	0.688	0.5	3.33	0.92 No	0.5 Element Fault
RLK071	60	'43742485_/_43742487'		5.8	9.2	10	2.056	10	10	2.75 No	2.056 Thermal Discharging
RLK071	61	'124899660_/_124899689'		4.9	9.7	10	2.056	1.7	10	2.75 No	1.7 Element Fault
RLK071	62	'5589631_/_5589629'		5.8	9	10	2.056	10	10	2.75 No	2.056 Thermal Discharging
RLK071	63	'43742905_/_5586364'		1.6	3.27	3.33	0.688	0.5	3.33	0.92 No	0.5 Element Fault
RLK071	64	'7407081_/_7407078_2'		1.83	3.1	3.33	0.688	0.5	3.33	0.92 No	0.5 Element Fault
RLK071	65	'375508258_/_9299966_2'		1.9	3	3.33	0.688	0.5	3.33	0.92 No	0.5 Element Fault
RLK071	66	'5589615_/_5593225'		5.7	8.8	10	2.056	10	10	2.75 No	2.056 Thermal Discharging
RLK071	67	'5589598_/_5589612'		5.6	8.6	10	2.056	10	10	2.75 No	2.056 Thermal Discharging
RLK071	68	'428576057_/_428576059'		1.63	3.1	3.33	0.688	1.1	3.33	0.92 No	0.688 Thermal Discharging
RLK071	69	'437864983_/_419420457_2'		1.83	2.87	3.33	0.688	1.4	3.33	0.92 No	0.688 Thermal Discharging
RLK071	70	'471166944_/_375508260'		1.83	2.93	3.33	0.688	0.5	3.33	0.92 No	0.5 Element Fault
RLK071	71	'52528771_/_52528778'		1.63	3.03	3.33	0.688	0.57	3.33	0.92 No	0.57 Element Fault
RLK071	72	'5586019_/_5589255_2'		1.87	2.9	3.33	0.688	1.6	3.33	0.92 No	0.688 Thermal Discharging
RLK071	73	'5589597_/_5589595'		5.5	8.4	10	2.056	10	10	2.75 No	2.056 Thermal Discharging
RLK071	74	'43742498_/_5593170_2'		1.87	2.87	3.33	0.688	0.5	3.33	0.92 No	0.5 Element Fault
RLK071	75	'5589564_/_5589578'		5.5	8.3	10	2.056	10	10	2.75 No	2.056 Thermal Discharging
RLK071	76	'124899767_/_124899671'		4.5	8.9	10	2.056	1.7	10	2.75 No	1.7 Element Fault
RLK071	77	'51820035_/_51820004_1'		1.8	2.77	3.33	0.688	0.5	3.33	0.92 No	0.5 Element Fault
RLK071	78	'43742472_/_5589561'		5.5	8.2	10	2.056	10	10	2.75 No	2.056 Thermal Discharging
RLK071	79	'5585857_/_5592924'		1.53	2.93	3.33	0.688	1.1	3.33	0.92 No	0.688 Thermal Discharging
RLK071	80	'419420619_/_419420586_1'		1.77	2.73	3.33	0.688	0.5	3.33	0.92 No	0.5 Element Fault
RLK071	81	'5586020_/_5586017'		1.8	2.8	3.33	0.688	1.6	3.33	0.92 No	0.688 Thermal Discharging
RLK071	82	'5585392_/_5589544'		5.4	8	10	2.056	10	10	2.75 No	2.056 Thermal Discharging
RLK071	83	'5584868_/_5584866_1'		3.53	5.27	6.67	1.368	1	6.67	1.83 No	1 Element Fault
RLK071	84	'52528895_/_52528902'		1.53	2.83	3.33	0.688	0.57	3.33	0.92 No	0.57 Element Fault
RLK071	85	'5585437_/_5589697'		5.3	7.8	10	2.056	10	10	2.75 No	2.056 Thermal Discharging
RLK071	86	'5585677_/_5585674'		1.63	2.77	3.33	0.688	0.5	3.33	0.92 No	0.5 Element Fault
RLK071	87	'5589529_/_5589527'		5.2	7.7	10	2.056	10	10	2.75 No	2.056 Thermal Discharging
RLK071	88	'5568083_/_5585648_1'		1.6	2.73	3.33	0.688	0.5	3.33	0.92 No	0.5 Element Fault
RLK071	89	'5585438_/_5593144_1'		1.73	2.57	3.33	0.688	0.5	3.33	0.92 No	0.5 Element Fault
RLK071	90	'43742461_/_5585404'		1.7	2.6	3.33	0.688	1.5	3.33	0.92 No	0.688 Thermal Discharging
RLK071	91	'7406715_/_77119914'		1.73	2.53	3.33	0.688	1.4	3.33	0.92 No	0.688 Thermal Discharging
RLK071	92	'5585761_/_5585771'		1.43	2.8	3.33	0.688	1.1	3.33	0.92 No	0.688 Thermal Discharging
RLK071	93	'5589734_/_5589748'		5.2	7.5	10	2.056	10	10	2.75 No	2.056 Thermal Discharging
RLK071	94	'5584793_/_5584866_2'		3.33	5.07	6.67	1.368	1	6.67	1.83 No	1 Element Fault
RLK071	95	'5586033_/_5586030'		1.67	2.63	3.33	0.688	1.6	3.33	0.92 No	0.688 Thermal Discharging
RLK071	96	'5586341_/_5586351'		1.33	2.77	3.33	0.688	0.5	3.33	0.92 No	0.5 Element Fault
RLK071	97	'8664390_/_471166963'		1.57	2.6	3.33	0.688	0.5	3.33	0.92 No	0.5 Element Fault
RLK071	98	'77119965_/_474741140_1'		1.7	2.47	3.33	0.688	0.5	3.33	0.92 No	0.5 Element Fault
RLK071	99	'5593173_/_43742500'		1.63	2.6	3.33	0.688	0.5	3.33	0.92 No	0.5 Element Fault
RLK071	100	'43742412_/_43742414'		5.1	7.4	10	2.056	10	10	2.75 No	2.056 Thermal Discharging
RLK071	101	'52773609_/_51820004_2'		1.6	2.53	3.33	0.688	0.5	3.33	0.92 No	0.5 Element Fault
RLK071	102	'5585407_/_43742463'		1.63	2.5	3.33	0.688	0.5	3.33	0.92 No	0.5 Element Fault
RLK071	103	'51237834_/_52528857'		4	8.1	10	2.056	1.7	10	2.75 No	1.7 Element Fault
RLK071	104	'5584983_/_5589510'		5	7.3	10	2.056	10	10	2.75 No	2.056 Thermal Discharging
RLK071	105	'5584984_/_5585480_1'		1.67	2.43	3.33	0.688	0.5	3.33	0.92 No	0.5 Element Fault
RLK071	106	'474741241_/_5585480_2'		1.67	2.43	3.33	0.688	0.5	3.33	0.92 No	0.5 Element Fault
RLK071	107	'52773643_/_52773669'		1.6	2.5	3.33	0.688	0.5	3.33	0.92 No	0.5 Element Fault
RLK071	108	'43742817_/_5585855'		1.37	2.67	3.33	0.688	1.1	3.33	0.92 No	0.688 Thermal Discharging
RLK071	109	'5585483_/_9611617_1'		1.67	2.4	3.33	0.688	0.3	3.33	0.92 No	0.3 Element Fault
RLK071	110	'52773578_/_52773650'		1.57	2.47	3.33	0.688	0.5	3.33	0.92 No	0.5 Element Fault
RLK071	111	'5594201_/_5594198'		1.63	2.47	3.33	0.688	0.9	3.33	0.92 No	0.688 Thermal Discharging
RLK071	112	'43742388_/_43742390'		5	7.1	10	2.056	10	10	2.75 No	2.056 Thermal Discharging
RLK071	113	'68725820_/_68725823'		3.9	7.9	10	2.056	1.7	10	2.75 No	1.7 Element Fault
RLK071	114	'5590724_/_5590722_2'		5	7.1	10	2.056	10	10	2.75 No	2.056 Thermal Discharging
RLK071	115	'43742425_/_5590722_1'		5	7.1	10	2.056	10	10	2.75 No	2.056 Thermal Discharging
RLK071	116	'474741136_/_474741140_2'		1.6	2.37	3.33	0.688	0.5	3.33	0.92 No	0.5 Element Fault
RLK071	117	'5590758_/_5590756'		4.9	7	10	2.056	10	10	2.75 No	2.056 Thermal Discharging
RLK071	118	'7407165_/_7407162'		1.43	2.53	3.33	0.688	0.5	3.33	0.92 No	0.5 Element Fault
RLK071	119	'473647075_/_5594214_1'		1.57	2.4	3.33	0.688	0.5	3.33	0.92 No	0.5 Element Fault
RLK071	120	'5588142_/_5590794'		4.9	6.9	10	2.056	10	10	2.75 No	2.056 Thermal Discharging
RLK071	121	'474741198_/_474741228'		1.57	2.33	3.33	0.688	0.5	3.33	0.92 No	0.5 Element Fault
RLK071	122	'5588143_/_5588140'		4.9	6.8	10	2.056	10	10	2.75 No	2.056 Thermal Discharging
RLK071	123	'43742362_/_43742364'		4.9	6.8	10	2.056	10	10	2.75 No	2.056 Thermal Discharging
RLK071	124	'43742784_/_5586043'		1.53	2.43	3.33	0.688	1.6	3.33	0.92 No	0.688 Thermal Discharging
RLK071	125	'5593147_/_5593144_2'		1.53	2.33	3.33	0.688	0.5	3.33	0.92 No	0.5 Element Fault
RLK071	126	'474741167_/_474741214'		1.57	2.33	3.33	0.688	0.5	3.33	0.92 No	0.5 Element Fault

Feeder Name	Feeder ID	Node	Primary Over- Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RLK071	127	'8043866_/419420457_1'	1.47	2.37	3.33	0.688	0.5	3.33	0.92 No	0.5	Element Fault
RLK071	128	'43744089_/5594744'	4.8	6.7	10	2.056	10	10	2.75 No	2.056	Thermal Discharging
RLK071	129	'5587545_/5587543'	4.8	6.8	10	2.056	10	10	2.75 No	2.056	Thermal Discharging
RLK071	130	'5585874_/5585871'	1.3	2.5	3.33	0.688	1.1	3.33	0.92 No	0.688	Thermal Discharging
RLK071	131	'9611571_/9611617_2'	1.57	2.27	3.33	0.688	0.3	3.33	0.92 No	0.3	Element Fault
RLK071	132	'7719898_/7719896_1'	3.2	4.53	6.67	1.368	1	6.67	1.83 No	1	Element Fault
RLK071	133	'8357550_/9611569'	1.57	2.27	3.33	0.688	0.3	3.33	0.92 No	0.3	Element Fault
RLK071	134	'5585690_/5585687'	1.43	2.43	3.33	0.688	0.5	3.33	0.92 No	0.5	Element Fault
RLK071	135	'43742349_/43742351'	4.7	6.7	10	2.056	10	10	2.75 No	2.056	Thermal Discharging
RLK071	136	'5587273_/43744091'	4.7	6.6	10	2.056	10	10	2.75 No	2.056	Thermal Discharging
RLK071	137	'8043938_/8357548'	1.53	2.23	3.33	0.688	0.3	3.33	0.92 No	0.3	Element Fault
RLK071	138	'452215552_/5584791'	2.93	4.6	6.67	1.368	1	6.67	1.83 No	1	Element Fault
RLK071	139	'5593363_/5594610'	4.7	6.7	10	2.056	10	10	2.75 No	2.056	Thermal Discharging
RLK071	140	'5584809_/5584806'	2.93	4.6	6.67	1.368	1	6.67	1.83 No	1	Element Fault
RLK071	141	'5585745_/5585758'	1.27	2.47	3.33	0.688	1.1	3.33	0.92 No	0.688	Thermal Discharging
RLK071	142	'8043270_/53155547_1'	1.57	2.2	3.33	0.688	0.5	3.33	0.92 No	0.5	Element Fault
RLK071	143	'68725867_/68725887'	3.6	7.3	10	2.056	1.7	10	2.75 No	1.7	Element Fault
RLK071	144	'5587274_/5587271'	4.7	6.5	10	2.056	10	10	2.75 No	2.056	Thermal Discharging
RLK071	145	'7406699_/8357166_1'	1.47	2.3	3.33	0.688	0.3	3.33	0.92 No	0.3	Element Fault
RLK071	146	'7719866_/419420586_2'	1.43	2.27	3.33	0.688	0.5	3.33	0.92 No	0.5	Element Fault
RLK071	147	'5593362_/5593360'	4.6	6.6	10	2.056	10	10	2.75 No	2.056	Thermal Discharging
RLK071	148	'7719980_/7719978_1'	1.27	2.47	3.33	0.688	0.3	3.33	0.92 No	0.3	Element Fault
RLK071	149	'5585524_/5587288'	4.6	6.4	10	2.056	10	10	2.75 No	2.056	Thermal Discharging
RLK071	150	'5585829_/5585826'	1.2	2.37	3.33	0.688	0.9	3.33	0.92 No	0.688	Thermal Discharging
RLK071	151	'5587308_/5587305'	4.6	6.3	10	2.056	10	10	2.75 No	2.056	Thermal Discharging
RLK071	152	'5585119_/5585117_1'	1.53	2.1	3.33	0.688	0.5	3.33	0.92 No	0.5	Element Fault
RLK071	153	'43743906_/43743908'	4.5	6.5	10	2.056	10	10	2.75 No	2.056	Thermal Discharging
RLK071	154	'43743893_/43743895'	4.5	6.4	10	2.056	10	9.98	2.75 No	2.056	Thermal Discharging
RLK071	155	'471663995_/471663978'	4.5	6.2	10	2.056	10	9.97	2.75 No	2.056	Thermal Discharging
RLK071	156	'5593215_/5593212'	1.37	2.17	3.33	0.688	0.5	3.33	0.92 No	0.5	Element Fault
RLK071	157	'43742828_/5585884'	1.17	2.33	3.33	0.688	1.1	3.33	0.92 No	0.688	Thermal Discharging
RLK071	158	'5593345_/5593343'	4.4	6.3	10	2.056	10	9.87	2.75 No	2.056	Thermal Discharging
RLK071	159	'471663937_/471663993'	4.5	6.1	10	2.056	10	9.86	2.75 No	2.056	Thermal Discharging
RLK071	160	'5586059_/5586056'	1.37	2.23	3.33	0.688	1.6	3.33	0.92 No	0.688	Thermal Discharging
RLK071	161	'7406768_/8357166_2'	1.37	2.13	3.33	0.688	0.3	3.33	0.92 No	0.3	Element Fault
RLK071	162	'5585703_/5585700'	1.3	2.23	3.33	0.688	0.5	3.33	0.92 No	0.5	Element Fault
RLK071	163	'471663922_/471663935'	4.4	6.1	10	2.056	10	9.76	2.75 No	2.056	Thermal Discharging
RLK071	164	'5593396_/5593394'	4.4	6.3	10	2.056	10	9.75	2.75 No	2.056	Thermal Discharging
RLK071	165	'117481735_/5586338'	1.1	2.33	3.33	0.688	0.5	3.33	0.92 No	0.5	Element Fault
RLK071	166	'5584853_/5584850'	1.43	2.13	3.33	0.688	0.5	3.33	0.92 No	0.5	Element Fault
RLK071	167	'43743880_/43743882'	4.4	6.2	10	2.056	10	9.69	2.75 No	2.056	Thermal Discharging
RLK071	168	'5584779_/5585420'	2.67	4.2	6.67	1.368	1	6.67	1.83 No	1	Element Fault
RLK071	169	'43742760_/43742762'	1.27	2.2	3.33	0.688	0.5	3.33	0.92 No	0.5	Element Fault
RLK071	170	'9300000_/9299998'	1.37	2.1	3.33	0.688	0.5	3.33	0.92 No	0.5	Element Fault
RLK071	171	'5587376_/471663920'	4.4	6	10	2.056	10	9.65	2.75 No	2.056	Thermal Discharging
RLK071	172	'470299928_/5586312_3'	1.27	2.2	3.33	0.688	0.5	3.33	0.92 No	0.5	Element Fault
RLK071	173	'5585541_/5585606_3'	1.27	2.2	3.33	0.688	0.5	3.33	0.92 No	0.5	Element Fault
RLK071	174	'5585609_/5585606_4'	1.27	2.2	3.33	0.688	0.5	3.33	0.92 No	0.5	Element Fault
RLK071	175	'102300916_/102300927'	3.3	6.7	10	2.056	1.7	10	2.75 No	1.7	Element Fault
RLK071	176	'5593260_/5593258'	4.3	6.2	10	2.056	10	9.58	2.75 No	2.056	Thermal Discharging
RLK071	177	'5587393_/5587390'	4.4	5.9	10	2.056	10	9.58	2.75 No	2.056	Thermal Discharging
RLK071	178	'5593294_/5593292'	4.3	6.1	10	2.056	10	9.52	2.75 No	2.056	Thermal Discharging
RLK071	179	'7719981_/7719978_2'	1.13	2.23	3.33	0.688	0.3	3.33	0.92 No	0.3	Element Fault
RLK071	180	'5585608_/5585538_2'	1.23	2.17	3.33	0.688	0.5	3.33	0.92 No	0.5	Element Fault
RLK071	181	'43744022_/5594214_2'	1.33	2.1	3.33	0.688	0.5	3.33	0.92 No	0.5	Element Fault
RLK071	182	'5587410_/5587407'	4.3	5.8	10	2.056	10	9.48	2.75 No	2.056	Thermal Discharging
RLK071	183	'8664501_/8664499_1'	1.47	1.93	3.33	0.688	1.4	3.17	0.92 No	0.688	Thermal Discharging
RLK071	184	'398666813_/398666768_1'	1.43	2.03	3.33	0.688	0.5	3.16	0.92 No	0.5	Element Fault
RLK071	185	'43743919_/43743921'	4.2	6.1	10	2.056	10	9.45	2.75 No	2.056	Thermal Discharging
RLK071	186	'72435929_/72435932'	1.3	2.07	3.33	0.688	0.5	3.33	0.92 No	0.5	Element Fault
RLK071	187	'5585744_/5585742'	1.13	2.2	3.33	0.688	1.1	3.33	0.92 No	0.688	Thermal Discharging
RLK071	188	'43742672_/5585117_2'	1.57	1.97	3.33	0.688	0.5	3.2	0.92 No	0.5	Element Fault
RLK071	189	'5587427_/5587424'	4.3	5.8	10	2.056	10	9.38	2.75 No	2.056	Thermal Discharging
RLK071	190	'577410162_/8664499_2'	1.47	1.93	3.33	0.688	0.5	3.14	0.92 No	0.5	Element Fault
RLK071	191	'43742795_/5586069'	1.3	2.13	3.33	0.688	1.6	3.3	0.92 No	0.688	Thermal Discharging
RLK071	192	'7406769_/7406766_1'	1.27	2.03	3.33	0.688	0.3	3.28	0.92 No	0.3	Element Fault
RLK071	193	'5593278_/5593326'	4.2	6	10	2.056	10	9.28	2.75 No	2.056	Thermal Discharging
RLK071	194	'5587444_/5587441'	4.3	5.7	10	2.056	10	9.29	2.75 No	2.056	Thermal Discharging
RLK071	195	'5585845_/5585842'	1.07	2.13	3.33	0.688	0.9	3.33	0.92 No	0.688	Thermal Discharging
RLK071	196	'5587461_/5587458'	4.2	5.6	10	2.056	10	9.21	2.75 No	2.056	Thermal Discharging
RLK071	197	'72435964_/72435983'	1.23	2.03	3.33	0.688	0.5	3.26	0.92 No	0.5	Element Fault
RLK071	198	'43743769_/43743771'	4.1	5.9	10	2.056	10	9.17	2.75 No	2.056	Thermal Discharging
RLK071	199	'7406801_/7719946_1'	1.4	1.87	3.33	0.688	0.5	3.06	0.92 No	0.5	Element Fault
RLK071	200	'8357153_/9611123'	1.27	1.97	3.33	0.688	0.5	3.21	0.92 No	0.5	Element Fault
RLK071	201	'5587478_/5587475'	4.2	5.6	10	2.056	10	9.12	2.75 No	2.056	Thermal Discharging
RLK071	202	'5588029_/5592227'	4.1	5.9	10	2.056	10	9.08	2.75 No	2.056	Thermal Discharging
RLK071	203	'8664437_/8664435_1'	1.4	1.87	3.33	0.688	0.5	3.03	0.92 No	0.5	Element Fault
RLK071	204	'7719899_/7719896_2'	2.6	3.87	6.67	1.368	1	6.26	1.83 No	1	Element Fault
RLK071	205	'43742646_/5587492'	4.1	5.5	10	2.056	10	9.03	2.75 No	2.056	Thermal Discharging
RLK071	206	'5583904_/5588026'	4	5.8	10	2.056	10	8.99	2.75 No	2.056	Thermal Discharging
RLK071	207	'72435894_/72435971'	1.2	1.97	3.33	0.688	0.5	3.19	0.92 No	0.5	Element Fault
RLK071	208	'5587512_/5587509'	4.1	5.4	10	2.056	10	8.93	2.75 No	2.056	Thermal Discharging
RLK071	209	'5586085_/43742797'	1.23	2.03	3.33	0.688	1.6	3.17	0.92 No	0.688	Thermal Discharging
RLK071	210	'5587030_/5587044'	4	5.7	10	2.056	10	8.89	2.75 No	2.056	Thermal Discharging
RLK071	211	'5583905_/5584110_1'	1.33	1.9	3.33	0.688	0.5	2.97	0.92 No	0.5	Element Fault
RLK071	212	'43742838_/5585900'	1.03	2.07	3.33	0.688	1.1	3.27	0.92 No	0.688	Thermal Discharging
RLK071	213	'8043271_/53155547_2'	1.4	1.87	3.33	0.688	0.5	3.06	0.92 No	0.5	Element Fault
RLK071	214	'43742659_/5587526'	4.1	5.3	10	2.056	10	8.84	2.75 No	2.056	Thermal Discharging
RLK071	215	'9300357_/9300354'	1.2	1.93	3.33	0.688	0.5	3.13	0.92 No	0.5	Element Fault
RLK071	216	'8043939_/8043936'	1.23	1.9	3.33	0.688	0.3	3.1	0.92 No	0.3	Element Fault
RLK071	217	'602099375_/602099379'	4.1	5.3	10	2.056	10	8.81	2.75 No	2.056	Thermal Discharging
RLK071	218	'5584764_/5584776'	2.4	3.87	6.67	1.368	1	6.26	1.83 No	1	Element Fault
RLK071	219	'43742066_/43742068'	3.9	5.7	10	2.056	10	8.79	2.75 No	2.056	Thermal Discharging
RLK071	220	'602099424_/602099478'	4.1	5.3	10	2.056	10	8.78	2.75 No	2.056	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RLK071	221	'5588238_/43742896'	0.97	2.07	3.33	0.688	0.5	3.27	0.92 No	0.5	Element Fault
RLK071	222	'5585540_/5585538_1'	1.1	1.97	3.33	0.688	0.5	3.25	0.92 No	0.5	Element Fault
RLK071	223	'5587009_/5587007'	3.9	5.6	10	2.056	10	8.72	2.75 No	2.056	Thermal Discharging
RLK071	224	'602099499_/602099496'	4	5.2	10	2.056	10	8.71	2.75 No	2.056	Thermal Discharging
RLK071	225	'602099517_/602099514'	4	5.2	10	2.056	10	8.63	2.75 No	2.056	Thermal Discharging
RLK071	226	'8664325_/8665029_2'	1.3	1.87	3.33	0.688	1.8	2.89	0.92 No	0.688	Thermal Discharging
RLK071	227	'5584926_/5589271'	1.17	1.97	3.33	0.688	1.6	3.09	0.92 No	0.688	Thermal Discharging
RLK071	228	'70262558_/5581136'	2.67	3.47	6.67	1.368	5.2	5.76	1.83 No	1.368	Thermal Discharging
RLK071	229	'602099535_/602099532'	4	5.2	10	2.056	10	8.6	2.75 No	2.056	Thermal Discharging
RLK071	230	'627706343_/5581318_2'	1.33	1.73	3.33	0.688	1.1	2.87	0.92 No	0.688	Thermal Discharging
RLK071	231	'5585582_/5585593'	1.1	1.97	3.33	0.688	0.5	3.21	0.92 No	0.5	Element Fault
RLK071	232	'5591645_/5592020'	3.8	5.6	10	2.056	10	8.61	2.75 No	2.056	Thermal Discharging
RLK071	233	'5581320_/5581318_1'	1.33	1.73	3.33	0.688	0.5	2.86	0.92 No	0.5	Element Fault
RLK071	234	'56951359_/5581188_2'	2.6	3.47	6.67	1.368	5.2	5.74	1.83 No	1.368	Thermal Discharging
RLK071	235	'51820049_/52773582'	1.13	1.9	3.33	0.688	0.5	3.09	0.92 No	0.5	Element Fault
RLK071	236	'602099553_/602099550'	4	5.1	10	2.056	10	8.54	2.75 No	2.056	Thermal Discharging
RLK071	237	'43743978_/43743980'	1	2	3.33	0.688	1.1	3.15	0.92 No	0.688	Thermal Discharging
RLK071	238	'602099577_/602099574'	4	5.1	10	2.056	10	8.5	2.75 No	2.056	Thermal Discharging
RLK071	239	'5591646_/5591685_1'	1.27	1.83	3.33	0.688	0.5	2.85	0.92 No	0.5	Element Fault
RLK071	240	'602211367_/602211351_1'	1.33	1.7	3.33	0.688	0.5	2.83	0.92 No	0.5	Element Fault
RLK071	241	'9300032_/9611553'	1.07	1.97	3.33	0.688	0.5	3.16	0.92 No	0.5	Element Fault
RLK071	242	'5592306_/5592436'	3.8	5.5	10	2.056	10	8.48	2.75 No	2.056	Thermal Discharging
RLK071	243	'8357120_/419420468'	1.1	1.87	3.33	0.688	0.5	3.07	0.92 No	0.5	Element Fault
RLK071	244	'602099664_/602099661'	3.9	5	10	2.056	10	8.41	2.75 No	2.056	Thermal Discharging
RLK071	245	'43743795_/43743797'	3.7	5.5	10	2.056	10	8.45	2.75 No	2.056	Thermal Discharging
RLK071	246	'5592307_/5592369_1'	1.27	1.83	3.33	0.688	0.5	2.81	0.92 No	0.5	Element Fault
RLK071	247	'602099682_/602099679'	3.9	5	10	2.056	10	8.35	2.75 No	2.056	Thermal Discharging
RLK071	248	'5581191_/5581188_1'	2.53	3.4	6.67	1.368	1	5.6	1.83 No	1	Element Fault
RLK071	249	'5592388_/5592402'	3.7	5.4	10	2.056	10	8.37	2.75 No	2.056	Thermal Discharging
RLK071	250	'43742872_/5586095'	1.13	1.9	3.33	0.688	0.9	3.04	0.92 No	0.688	Thermal Discharging
RLK071	251	'7719949_/7719946_2'	1.4	1.7	3.33	0.688	0.5	2.85	0.92 No	0.5	Element Fault
RLK071	252	'602099700_/602099697'	3.9	5	10	2.056	10	8.29	2.75 No	2.056	Thermal Discharging
RLK071	253	'627706130_/602099715'	3.9	4.9	10	2.056	10	8.26	2.75 No	2.056	Thermal Discharging
RLK071	254	'5585133_/43742674'	1.33	1.77	3.33	0.688	0.5	2.89	0.92 No	0.5	Element Fault
RLK071	255	'8984668_/9611633_1'	1.23	1.8	3.33	0.688	0.5	2.77	0.92 No	0.5	Element Fault
RLK071	256	'627706163_/5580942_2'	1.3	1.63	3.33	0.688	1.1	2.74	0.92 No	0.688	Thermal Discharging
RLK071	257	'602099718_/627706134'	3.8	4.9	10	2.056	10	8.22	2.75 No	2.056	Thermal Discharging
RLK071	258	'5583859_/43742055'	3.6	5.4	10	2.056	10	8.26	2.75 No	2.056	Thermal Discharging
RLK071	259	'5581089_/5581087_2'	3.7	5	10	2.056	4.9	8.37	2.75 No	2.056	Thermal Discharging
RLK071	260	'5591661_/5591685_2'	1.2	1.77	3.33	0.688	0.5	2.77	0.92 No	0.5	Element Fault
RLK071	261	'5584910_/5584923'	1.1	1.87	3.33	0.688	1.6	2.95	0.92 No	0.688	Thermal Discharging
RLK071	262	'43742079_/5584110_2'	1.2	1.77	3.33	0.688	0.5	2.78	0.92 No	0.5	Element Fault
RLK071	263	'5592319_/5592369_2'	1.27	1.77	3.33	0.688	0.5	2.76	0.92 No	0.5	Element Fault
RLK071	264	'602099963_/602099960'	3.8	4.9	10	2.056	10	8.14	2.75 No	2.056	Thermal Discharging
RLK071	265	'5581304_/5581302'	1.33	1.63	3.33	0.688	0.5	2.76	0.92 No	0.5	Element Fault
RLK071	266	'43741376_/5581087_1'	3.7	5	10	2.056	4.9	8.33	2.75 No	2.056	Thermal Discharging
RLK071	267	'5594289_/5594423'	3.6	5.3	10	2.056	9.1	8.18	2.75 No	2.056	Thermal Discharging
RLK071	268	'5584746_/5584761'	2.2	3.6	6.67	1.368	1	5.88	1.83 No	1	Element Fault
RLK071	269	'505884469_/5594286_2'	3.6	5.3	10	2.056	3.6	8.17	2.75 No	2.056	Thermal Discharging
RLK071	270	'602099981_/602099978'	3.8	4.8	10	2.056	10	8.06	2.75 No	2.056	Thermal Discharging
RLK071	271	'5593947_/43743969'	1.03	1.83	3.33	0.688	0.5	3.05	0.92 No	0.5	Element Fault
RLK071	272	'5581209_/5581206'	2.47	3.33	6.67	1.368	1	5.43	1.83 No	1	Element Fault
RLK071	273	'5583842_/5583856'	3.6	5.3	10	2.056	3.3	8.14	2.75 No	2.056	Thermal Discharging
RLK071	274	'447543087_/5589326_1'	1.23	1.67	3.33	0.688	0.2	2.71	0.92 No	0.2	Element Fault
RLK071	275	'602099999_/602099996'	3.8	4.8	10	2.056	10	8	2.75 No	2.056	Thermal Discharging
RLK071	276	'5585903_/43742841'	0.93	1.87	3.33	0.688	1.1	3	0.92 No	0.688	Thermal Discharging
RLK071	277	'150264230_/51820071'	1.07	1.77	3.33	0.688	0.5	2.92	0.92 No	0.5	Element Fault
RLK071	278	'5593975_/5593989'	0.93	1.87	3.33	0.688	1.1	2.99	0.92 No	0.688	Thermal Discharging
RLK071	279	'602100017_/602100014'	3.7	4.7	10	2.056	10	7.92	2.75 No	2.056	Thermal Discharging
RLK071	280	'6516724_/627706299'	3.7	4.7	10	2.056	10	7.9	2.75 No	2.056	Thermal Discharging
RLK071	281	'602100035_/602100032'	3.7	4.7	10	2.056	10	7.9	2.75 No	2.056	Thermal Discharging
RLK071	282	'43743293_/43743295'	0.87	1.87	3.33	0.688	0.5	3.01	0.92 No	0.5	Element Fault
RLK071	283	'150264343_/150264361'	1.07	1.77	3.33	0.688	0.5	2.89	0.92 No	0.5	Element Fault
RLK071	284	'7719867_/64075354'	1.03	1.77	3.33	0.688	0.5	2.89	0.92 No	0.5	Element Fault
RLK071	285	'5592320_/5592317'	1.23	1.73	3.33	0.688	0.5	2.69	0.92 No	0.5	Element Fault
RLK071	286	'8043319_/8357150'	1.07	1.73	3.33	0.688	0.5	2.85	0.92 No	0.5	Element Fault
RLK071	287	'602209913_/602209890'	3.7	4.6	10	2.056	10	7.83	2.75 No	2.056	Thermal Discharging
RLK071	288	'8984783_/9611633_2'	1.17	1.7	3.33	0.688	0.5	2.67	0.92 No	0.5	Element Fault
RLK071	289	'5585177_/5589326_2'	1.23	1.6	3.33	0.688	0.2	2.66	0.92 No	0.2	Element Fault
RLK071	290	'5581224_/5581221'	2.4	3.2	6.67	1.368	1	5.29	1.83 No	1	Element Fault
RLK071	291	'150264310_/150264375'	1.03	1.73	3.33	0.688	0.5	2.87	0.92 No	0.5	Element Fault
RLK071	292	'8664502_/8664499_3'	1.27	1.63	3.33	0.688	0.5	2.74	0.92 No	0.5	Element Fault
RLK071	293	'6505745_/602100244'	3.7	4.6	10	2.056	10	7.77	2.75 No	2.056	Thermal Discharging
RLK071	294	'5591662_/5591659'	1.13	1.7	3.33	0.688	0.5	2.67	0.92 No	0.5	Element Fault
RLK071	295	'6516795_/602100256'	3.7	4.6	10	2.056	10	7.72	2.75 No	2.056	Thermal Discharging
RLK071	296	'5585583_/5585580'	0.97	1.77	3.33	0.688	0.5	2.94	0.92 No	0.5	Element Fault
RLK071	297	'5584909_/5584907'	1.03	1.77	3.33	0.688	1.2	2.83	0.92 No	0.688	Thermal Discharging
RLK071	298	'43744034_/43744024'	1.07	1.73	3.33	0.688	0.5	2.89	0.92 No	0.5	Element Fault
RLK071	299	'43741402_/5580942_1'	1.3	1.57	3.33	0.688	0.5	2.62	0.92 No	0.5	Element Fault
RLK071	300	'73878355_/73878303_1'	1.23	1.53	3.33	0.688	0.5	2.57	0.92 No	0.5	Element Fault
RLK071	301	'398666749_/398666768_2'	1.2	1.67	3.33	0.688	0.5	2.71	0.92 No	0.5	Element Fault
RLK071	302	'6516812_/602100276'	3.7	4.5	10	2.056	10	7.67	2.75 No	2.056	Thermal Discharging
RLK071	303	'8709394_/8709392_1'	2.47	3	6.67	1.368	1	5.11	1.83 No	1	Element Fault
RLK071	304	'454955499_/6505743'	3.6	4.5	10	2.056	4.7	7.68	2.75 No	2.056	Thermal Discharging
RLK071	305	'5591231_/5591228'	2.33	3.2	6.67	1.368	1	5.2	1.83 No	1	Element Fault
RLK071	306	'602101180_/602100296_1'	3.6	4.5	10	2.056	10	7.62	2.75 No	2.056	Thermal Discharging
RLK071	307	'5581070_/5581357'	3.5	4.7	10	2.056	4.9	7.97	2.75 No	2.056	Thermal Discharging
RLK071	308	'8664438_/8664435_2'	1.13	1.6	3.33	0.688	0.5	2.68	0.92 No	0.5	Element Fault
RLK071	309	'43930102_/602100296_2'	3.6	4.5	10	2.056	10	7.61	2.75 No	2.056	Thermal Discharging
RLK071	310	'6505746_/7452080_1'	3.6	4.5	10	2.056	1.5	7.66	2.75 No	1.5	Element Fault
RLK071	311	'450559908_/450559809_1'	1.23	1.57	3.33	0.688	0.1	2.62	0.92 No	0.1	Element Fault
RLK071	312	'6516848_/602100316_1'	3.6	4.5	10	2.056	10	7.61	2.75 No	2.056	Thermal Discharging
RLK071	313	'5592333_/5592343'	1.2	1.67	3.33	0.688	0.5	2.62	0.92 No	0.5	Element Fault
RLK071	314	'6516849_/602100316_2'	3.6	4.5	10	2.056	10	7.56	2.75 No	2.056	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RLK071	315	'9300033_/_9300030'	0.97	1.77	3.33	0.688	0.5	2.89	0.92 No	0.5	Element Fault
RLK071	316	'5594272_/_5594286_1'	3.3	5	10	2.056	2.4	7.82	2.75 No	2.056	Thermal Discharging
RLK071	317	'5591479_/_5591526'	2.33	3.13	6.67	1.368	1	5.15	1.83 No	1	Element Fault
RLK071	318	'8086586_/_9031057_1'	1.2	1.5	3.33	0.688	0.5	2.52	0.92 No	0.5	Element Fault
RLK071	319	'6516866_/_602100336'	3.6	4.4	10	2.056	10	7.53	2.75 No	2.056	Thermal Discharging
RLK071	320	'6505794_/_602100356'	3.6	4.4	10	2.056	10	7.5	2.75 No	2.056	Thermal Discharging
RLK071	321	'462836630_/_462836596_1'	1.2	1.47	3.33	0.688	0.5	2.5	0.92 No	0.5	Element Fault
RLK071	322	'6516900_/_602100376'	3.6	4.4	10	2.056	10	7.46	2.75 No	2.056	Thermal Discharging
RLK071	323	'597662941_/_9658782_1'	3.6	4.4	10	2.056	1.5	7.5	2.75 No	1.5	Element Fault
RLK071	324	'5583918_/_5583915'	1.1	1.63	3.33	0.688	0.5	2.61	0.92 No	0.5	Element Fault
RLK071	325	'7884428_/_8712390_1'	1.2	1.47	3.33	0.688	0.5	2.49	0.92 No	0.5	Element Fault
RLK071	326	'5584728_/_5584743'	2	3.33	6.67	1.368	1	5.52	1.83 No	1	Element Fault
RLK071	327	'7452792_/_9658782_2'	3.6	4.4	10	2.056	1.5	7.48	2.75 No	1.5	Element Fault
RLK071	328	'5591480_/_5591459_1'	2.27	3.13	6.67	1.368	0.3	5.1	1.83 No	0.3	Element Fault
RLK071	329	'6505807_/_602100392'	3.6	4.4	10	2.056	10	7.43	2.75 No	2.056	Thermal Discharging
RLK071	330	'5585553_/_5585567'	0.93	1.7	3.33	0.688	0.5	2.87	0.92 No	0.5	Element Fault
RLK071	331	'6505765_/_6505763_1'	1.2	1.47	3.33	0.688	0.5	2.48	0.92 No	0.5	Element Fault
RLK071	332	'5594332_/_5594541_1'	1.1	1.63	3.33	0.688	0.5	2.57	0.92 No	0.5	Element Fault
RLK071	333	'6516951_/_602100412'	3.6	4.3	10	2.056	10	7.39	2.75 No	2.056	Thermal Discharging
RLK071	334	'5591560_/_43743666_2'	1.17	1.53	3.33	0.688	0.5	2.54	0.92 No	0.5	Element Fault
RLK071	335	'7406714_/_7406712'	1	1.63	3.33	0.688	0.5	2.73	0.92 No	0.5	Element Fault
RLK071	336	'6505808_/_6505834_1'	1.2	1.43	3.33	0.688	0.5	2.46	0.92 No	0.5	Element Fault
RLK071	337	'8664342_/_8664355'	1.1	1.63	3.33	0.688	0.5	2.59	0.92 No	0.5	Element Fault
RLK071	338	'427001130_/_5580955'	1.3	1.5	3.33	0.688	0.5	2.54	0.92 No	0.5	Element Fault
RLK071	339	'6517285_/_602100432'	3.5	4.3	10	2.056	10	7.35	2.75 No	2.056	Thermal Discharging
RLK071	340	'43742683_/_5585146'	1.17	1.6	3.33	0.688	0.5	2.65	0.92 No	0.5	Element Fault
RLK071	341	'5588159_/_5594002'	0.87	1.73	3.33	0.688	1.1	2.8	0.92 No	0.688	Thermal Discharging
RLK071	342	'7406682_/_8664339'	1.1	1.63	3.33	0.688	0.3	2.57	0.92 No	0.3	Element Fault
RLK071	343	'9031060_/_9031057_2'	1.2	1.47	3.33	0.688	0.5	2.47	0.92 No	0.5	Element Fault
RLK071	344	'6517269_/_43932164_2'	1.17	1.43	3.33	0.688	1.5	2.44	0.92 No	0.688	Thermal Discharging
RLK071	345	'6517256_/_602100452'	3.5	4.3	10	2.056	10	7.31	2.75 No	2.056	Thermal Discharging
RLK071	346	'43743664_/_43743666_1'	1.17	1.53	3.33	0.688	0.2	2.52	0.92 No	0.2	Element Fault
RLK071	347	'43743989_/_5593973'	0.87	1.73	3.33	0.688	1.1	2.79	0.92 No	0.688	Thermal Discharging
RLK071	348	'6505823_/_6505834_2'	1.2	1.43	3.33	0.688	0.5	2.44	0.92 No	0.5	Element Fault
RLK071	349	'7452083_/_7452080_2'	3.4	4.4	10	2.056	1.5	7.44	2.75 No	1.5	Element Fault
RLK071	350	'6517072_/_602100578'	3.5	4.3	10	2.056	10	7.27	2.75 No	2.056	Thermal Discharging
RLK071	351	'424215387_/_424215367_1'	0.83	1.73	3.33	0.688	0.3	2.78	0.92 No	0.3	Element Fault
RLK071	352	'5581053_/_5581067'	3.3	4.5	10	2.056	4.9	7.71	2.75 No	2.056	Thermal Discharging
RLK071	353	'8709395_/_8709392_2'	2.47	2.87	6.67	1.368	1	4.94	1.83 No	1	Element Fault
RLK071	354	'5585350_/_5591246'	1.17	1.53	3.33	0.688	0.2	2.51	0.92 No	0.2	Element Fault
RLK071	355	'427001284_/_427001191_1'	1.27	1.47	3.33	0.688	0.5	2.51	0.92 No	0.5	Element Fault
RLK071	356	'6517226_/_6517253'	1.17	1.43	3.33	0.688	1.1	2.42	0.92 No	0.688	Thermal Discharging
RLK071	357	'6517073_/_602100594_2'	3.5	4.2	10	2.056	10	7.24	2.75 No	2.056	Thermal Discharging
RLK071	358	'43930153_/_602100594_1'	3.5	4.2	10	2.056	10	7.23	2.75 No	2.056	Thermal Discharging
RLK071	359	'73878296_/_73878303_2'	1.23	1.43	3.33	0.688	0.5	2.46	0.92 No	0.5	Element Fault
RLK071	360	'6505876_/_602100614'	3.5	4.2	10	2.056	10	7.19	2.75 No	2.056	Thermal Discharging
RLK071	361	'6505862_/_6505873'	1.17	1.4	3.33	0.688	1.1	2.4	0.92 No	0.688	Thermal Discharging
RLK071	362	'9031820_/_9031817'	2.47	2.87	6.67	1.368	1	4.9	1.83 No	1	Element Fault
RLK071	363	'8665031_/_8665029_1'	1.07	1.57	3.33	0.688	0.5	2.54	0.92 No	0.5	Element Fault
RLK071	364	'581579627_/_6517224_1'	1.17	1.4	3.33	0.688	0.5	2.4	0.92 No	0.5	Element Fault
RLK071	365	'43930140_/_602100634'	3.5	4.2	10	2.056	10	7.15	2.75 No	2.056	Thermal Discharging
RLK071	366	'5594544_/_5594541_2'	1.1	1.57	3.33	0.688	0.5	2.5	0.92 No	0.5	Element Fault
RLK071	367	'602100792_/_602100789'	3.4	4.1	10	2.056	10	7.1	2.75 No	2.056	Thermal Discharging
RLK071	368	'5585162_/_43742685'	1.13	1.53	3.33	0.688	0.5	2.57	0.92 No	0.5	Element Fault
RLK071	369	'6517227_/_6517224_2'	1.17	1.4	3.33	0.688	0.5	2.39	0.92 No	0.5	Element Fault
RLK071	370	'602210992_/_602100807'	3.4	4.1	10	2.056	10	7.09	2.75 No	2.056	Thermal Discharging
RLK071	371	'5591335_/_5591544'	1.17	1.5	3.33	0.688	0.2	2.46	0.92 No	0.2	Element Fault
RLK071	372	'43742694_/_5585269'	0.97	1.63	3.33	0.688	1.2	2.65	0.92 No	0.688	Thermal Discharging
RLK071	373	'5586111_/_5586108'	0.97	1.63	3.33	0.688	0.9	2.68	0.92 No	0.688	Thermal Discharging
RLK071	374	'6517018_/_602210996'	3.4	4.1	10	2.056	10	7.06	2.75 No	2.056	Thermal Discharging
RLK071	375	'5581110_/_5581107'	1.1	1.47	3.33	0.688	1.1	2.52	0.92 No	0.688	Thermal Discharging
RLK071	376	'5588564_/_5588561'	0.77	1.7	3.33	0.688	0.5	2.75	0.92 No	0.5	Element Fault
RLK071	377	'61696444_/_9346866_1'	3.4	4.1	10	2.056	10	7.05	2.75 No	2.056	Thermal Discharging
RLK071	378	'581579662_/_9346866_2'	3.4	4.1	10	2.056	10	7.05	2.75 No	2.056	Thermal Discharging
RLK071	379	'5568295_/_5588157'	0.83	1.67	3.33	0.688	1.1	2.71	0.92 No	0.688	Thermal Discharging
RLK071	380	'5591215_/_5591459_2'	2.13	3	6.67	1.368	0.3	4.91	1.83 No	0.3	Element Fault
RLK071	381	'8043287_/_8984219_1'	1.13	1.53	3.33	0.688	0.3	2.56	0.92 No	0.3	Element Fault
RLK071	382	'6516985_/_6488276342'	3.4	4.1	10	2.056	5.4	7.05	2.75 No	2.056	Thermal Discharging
RLK071	383	'5583822_/_5583839'	3.1	4.7	10	2.056	3.3	7.44	2.75 No	2.056	Thermal Discharging
RLK071	384	'8984784_/_8984781'	1.03	1.57	3.33	0.688	0.5	2.48	0.92 No	0.5	Element Fault
RLK071	385	'6505849_/_6515501_3'	1.13	1.37	3.33	0.688	1.5	2.34	0.92 No	0.688	Thermal Discharging
RLK071	386	'8984049_/_8984047_1'	1.1	1.47	3.33	0.688	0.3	2.5	0.92 No	0.3	Element Fault
RLK071	387	'400990524_/_270118650_1'	3.4	4.1	10	2.056	1.5	7.02	2.75 No	1.5	Element Fault
RLK071	388	'5594271_/_5594269'	3.1	4.6	10	2.056	2.4	7.4	2.75 No	2.056	Thermal Discharging
RLK071	389	'5594866_/_5594863'	1.03	1.53	3.33	0.688	0.5	2.47	0.92 No	0.5	Element Fault
RLK071	390	'7406683_/_7406680'	1.03	1.53	3.33	0.688	0.3	2.48	0.92 No	0.3	Element Fault
RLK071	391	'581579534_/_6515501_2'	1.13	1.37	3.33	0.688	1.5	2.33	0.92 No	0.688	Thermal Discharging
RLK071	392	'5580958_/_427001134'	1.23	1.43	3.33	0.688	0.5	2.43	0.92 No	0.5	Element Fault
RLK071	393	'530299207_/_5568292_2'	0.8	1.63	3.33	0.688	1.1	2.67	0.92 No	0.688	Thermal Discharging
RLK071	394	'43932162_/_43932164_1'	1.2	1.37	3.33	0.688	0.5	2.35	0.92 No	0.5	Element Fault
RLK071	395	'7407245_/_7720414_1'	1.03	1.53	3.33	0.688	0.3	2.46	0.92 No	0.3	Element Fault
RLK071	396	'43743808_/_43743810'	1.1	1.53	3.33	0.688	0.5	2.46	0.92 No	0.5	Element Fault
RLK071	397	'6505863_/_6505860'	1.17	1.37	3.33	0.688	0.5	2.34	0.92 No	0.5	Element Fault
RLK071	398	'7136392_/_7136389'	1.13	1.37	3.33	0.688	1.6	2.32	0.92 No	0.688	Thermal Discharging
RLK071	399	'43741363_/_43741365'	3.1	4.3	10	2.056	4.9	7.44	2.75 No	2.056	Thermal Discharging
RLK071	400	'6505766_/_6505763_2'	1.2	1.37	3.33	0.688	0.5	2.36	0.92 No	0.5	Element Fault
RLK071	401	'43742338_/_5591672'	1	1.53	3.33	0.688	0.5	2.45	0.92 No	0.5	Element Fault
RLK071	402	'8712377_/_8712390_2'	1.2	1.37	3.33	0.688	0.5	2.36	0.92 No	0.5	Element Fault
RLK071	403	'6515503_/_6515501_1'	1.13	1.33	3.33	0.688	0.5	2.31	0.92 No	0.5	Element Fault
RLK071	404	'43742449_/_43742451'	1.8	3.07	6.67	1.368	1	5.18	1.83 No	1	Element Fault
RLK071	405	'9299852_/_419420479'	0.9	1.57	3.33	0.688	0.5	2.6	0.92 No	0.5	Element Fault
RLK071	406	'400990563_/_9061631_2'	1.13	1.33	3.33	0.688	1.5	2.3	0.92 No	0.688	Thermal Discharging
RLK071	407	'5568282_/_5568292_1'	0.8	1.6	3.33	0.688	0.3	2.62	0.92 No	0.3	Element Fault
RLK071	408	'5593976_/_43743991'	0.8	1.6	3.33	0.688	1.1	2.62	0.92 No	0.688	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RLK071	409	'8664130_/_602211351_2'	1.17	1.4	3.33	0.688	0.5	2.42	0.92 No	0.5	Element Fault
RLK071	410	'7452793_/_7452790'	2.13	2.73	6.67	1.368	1	4.67	1.83 No	1	Element Fault
RLK071	411	'7884443_/_462836596_2'	1.2	1.37	3.33	0.688	0.5	2.33	0.92 No	0.5	Element Fault
RLK071	412	'37976001_/_9346866_3'	3.3	3.9	10	2.056	10	6.82	2.75 No	2.056	Thermal Discharging
RLK071	413	'405113946_/_37976005'	3.3	3.9	10	2.056	10	6.82	2.75 No	2.056	Thermal Discharging
RLK071	414	'37976022_/_37976019'	3.3	3.9	10	2.056	10	6.82	2.75 No	2.056	Thermal Discharging
RLK071	415	'37976036_/_37976033'	3.3	3.9	10	2.056	2.4	6.82	2.75 No	2.056	Thermal Discharging
RLK071	416	'37976050_/_37976047'	3.3	3.9	10	2.056	2.5	6.82	2.75 No	2.056	Thermal Discharging
RLK071	417	'5583875_/_5592832'	1	1.5	3.33	0.688	0.5	2.41	0.92 No	0.5	Element Fault
RLK071	418	'5594557_/_5594554'	1.07	1.5	3.33	0.688	0.5	2.39	0.92 No	0.5	Element Fault
RLK071	419	'8712408_/_9346904'	2.13	2.73	6.67	1.368	1	4.65	1.83 No	1	Element Fault
RLK071	420	'5591336_/_5591333'	1.17	1.43	3.33	0.688	0.2	2.36	0.92 No	0.2	Element Fault
RLK071	421	'5581126_/_5581123'	1.1	1.4	3.33	0.688	1.1	2.42	0.92 No	0.688	Thermal Discharging
RLK071	422	'5581016_/_5581033'	3	4.2	10	2.056	4.9	7.26	2.75 No	2.056	Thermal Discharging
RLK071	423	'450559790_/_450559809_2'	1.13	1.43	3.33	0.688	0.1	2.38	0.92 No	0.1	Element Fault
RLK071	424	'5581238_/_5591213'	2	2.87	6.67	1.368	0.3	4.71	1.83 No	0.3	Element Fault
RLK071	425	'5586192_/_5586189'	0.9	1.53	3.33	0.688	0.9	2.54	0.92 No	0.688	Thermal Discharging
RLK071	426	'9343986_/_9658822'	2.13	2.67	6.67	1.368	1	4.62	1.83 No	1	Element Fault
RLK071	427	'5580974_/_5580971'	1.17	1.37	3.33	0.688	0.5	2.35	0.92 No	0.5	Element Fault
RLK071	428	'5593577_/_5594240'	0.9	1.5	3.33	0.688	0.5	2.57	0.92 No	0.5	Element Fault
RLK071	429	'51820448_/_51820455'	1.13	1.4	3.33	0.688	0.2	2.34	0.92 No	0.2	Element Fault
RLK071	430	'5585272_/_43742696'	0.87	1.53	3.33	0.688	1.2	2.48	0.92 No	0.688	Thermal Discharging
RLK071	431	'6505779_/_6505776'	1.2	1.33	3.33	0.688	0.5	2.27	0.92 No	0.5	Element Fault
RLK071	432	'6517268_/_6517266'	1.2	1.3	3.33	0.688	0.5	2.25	0.92 No	0.5	Element Fault
RLK071	433	'6505917_/_6517237'	1.2	1.3	3.33	0.688	0.5	2.25	0.92 No	0.5	Element Fault
RLK071	434	'437308139_/_8984047_2'	1.1	1.37	3.33	0.688	0.3	2.92	0.92 No	0.3	Element Fault
RLK071	435	'5580267_/_5581013'	3	4.1	10	2.056	4.9	7.11	2.75 No	2.056	Thermal Discharging
RLK071	436	'7720417_/_7720414_2'	0.97	1.47	3.33	0.688	0.3	2.35	0.92 No	0.3	Element Fault
RLK071	437	'361256864_/_7452334'	3.2	3.8	10	2.056	2.5	6.65	2.75 No	2.056	Thermal Discharging
RLK071	438	'361256827_/_37976103'	3.2	3.8	10	2.056	2.5	6.65	2.75 No	2.056	Thermal Discharging
RLK071	439	'361256868_/_37976068'	2.13	2.53	6.67	1.368	1.67	4.43	1.83 No	1.368	Thermal Discharging
RLK071	440	'361256860_/_37976075'	3.2	3.8	10	2.056	2.5	6.65	2.75 No	2.056	Thermal Discharging
RLK071	441	'361256872_/_37976096'	3.2	3.8	10	2.056	2.5	6.65	2.75 No	2.056	Thermal Discharging
RLK071	442	'427001172_/_427001191_2'	1.13	1.37	3.33	0.688	0.5	2.32	0.92 No	0.5	Element Fault
RLK071	443	'7792323_/_9061631_1'	1.13	1.27	3.33	0.688	0.5	2.21	0.92 No	0.5	Element Fault
RLK071	444	'5588173_/_5588170'	0.77	1.53	3.33	0.688	1.1	2.52	0.92 No	0.688	Thermal Discharging
RLK071	445	'394622966_/_394622970'	3.2	3.8	10	2.056	2.4	6.63	2.75 No	2.056	Thermal Discharging
RLK071	446	'6505824_/_6505821'	1.17	1.3	3.33	0.688	0.5	2.24	0.92 No	0.5	Element Fault
RLK071	447	'52311954_/_9346846'	3.2	3.8	10	2.056	10	6.59	2.75 No	2.056	Thermal Discharging
RLK071	448	'52311989_/_52311956'	3.2	3.7	10	2.056	10	6.56	2.75 No	2.056	Thermal Discharging
RLK071	449	'5591419_/_5591404'	1.1	1.37	3.33	0.688	0.2	2.27	0.92 No	0.2	Element Fault
RLK071	450	'5594777_/_5594820'	2.8	4.3	10	2.056	2.4	6.95	2.75 No	2.056	Thermal Discharging
RLK071	451	'5592332_/_5592330'	1	1.43	3.33	0.688	0.5	2.31	0.92 No	0.5	Element Fault
RLK071	452	'7884444_/_7884441'	1.17	1.3	3.33	0.688	0.5	2.24	0.92 No	0.5	Element Fault
RLK071	453	'602210618_/_394623010'	3.1	3.8	10	2.056	2.4	6.56	2.75 No	2.056	Thermal Discharging
RLK071	454	'5588186_/_5588183'	0.73	1.53	3.33	0.688	1.1	2.49	0.92 No	0.688	Thermal Discharging
RLK071	455	'5594794_/_5594807_1'	0.93	1.43	3.33	0.688	0.5	2.31	0.92 No	0.5	Element Fault
RLK071	456	'5584727_/_5584725'	1.67	2.87	6.67	1.368	1	4.87	1.83 No	1	Element Fault
RLK071	457	'5581239_/_5581236'	1.93	2.73	6.67	1.368	0.3	4.53	1.83 No	0.3	Element Fault
RLK071	458	'6505889_/_6505886'	1.17	1.27	3.33	0.688	0.5	2.19	0.92 No	0.5	Element Fault
RLK071	459	'8709267_/_52311991_1'	3.2	3.7	10	2.056	10	6.5	2.75 No	2.056	Thermal Discharging
RLK071	460	'51820064_/_150264315'	0.83	1.43	3.33	0.688	0.5	2.43	0.92 No	0.5	Element Fault
RLK071	461	'6507554_/_52311991_2'	3.2	3.7	10	2.056	10	6.49	2.75 No	2.056	Thermal Discharging
RLK071	462	'37976456_/_9659074'	3.1	3.7	10	2.056	2.5	6.52	2.75 No	2.056	Thermal Discharging
RLK071	463	'405113406_/_37976460'	3.1	3.7	10	2.056	2.5	6.52	2.75 No	2.056	Thermal Discharging
RLK071	464	'37976428_/_37976432'	3.1	3.7	10	2.056	2.5	6.52	2.75 No	2.056	Thermal Discharging
RLK071	465	'37976470_/_37976467'	3.1	3.7	10	2.056	2.5	6.52	2.75 No	2.056	Thermal Discharging
RLK071	466	'37976442_/_37976439'	3.1	3.7	10	2.056	2.5	6.52	2.75 No	2.056	Thermal Discharging
RLK071	467	'5584521_/_5584518'	0.93	1.4	3.33	0.688	0.5	2.3	0.92 No	0.5	Element Fault
RLK071	468	'5568269_/_5568279'	0.73	1.5	3.33	0.688	0.3	2.46	0.92 No	0.3	Element Fault
RLK071	469	'465915998_/_465916002'	3.2	3.7	10	2.056	7.9	6.45	2.75 No	2.056	Thermal Discharging
RLK071	470	'5580250_/_5580264'	2.8	4	10	2.056	4.9	6.88	2.75 No	2.056	Thermal Discharging
RLK071	471	'465916094_/_465916043_1'	3.2	3.7	10	2.056	1.5	6.43	2.75 No	1.5	Element Fault
RLK071	472	'8086617_/_9658802'	2	2.53	6.67	1.368	1	4.42	1.83 No	1	Element Fault
RLK071	473	'8043647_/_8043644'	0.9	1.4	3.33	0.688	0.3	2.28	0.92 No	0.3	Element Fault
RLK071	474	'6507571_/_6507568'	3.2	3.7	10	2.056	9.1	6.42	2.75 No	2.056	Thermal Discharging
RLK071	475	'43742749_/_5585551'	0.77	1.47	3.33	0.688	0.5	2.48	0.92 No	0.5	Element Fault
RLK071	476	'5594810_/_5594807_2'	0.93	1.4	3.33	0.688	0.5	2.27	0.92 No	0.5	Element Fault
RLK071	477	'424215330_/_424215367_2'	0.73	1.5	3.33	0.688	0.3	2.44	0.92 No	0.3	Element Fault
RLK071	478	'6507480_/_6507551'	3.1	3.7	10	2.056	7.9	6.41	2.75 No	2.056	Thermal Discharging
RLK071	479	'6507813_/_6507827_1'	3.2	3.7	10	2.056	1.5	6.41	2.75 No	1.5	Element Fault
RLK071	480	'427001235_/_427001249'	1.1	1.3	3.33	0.688	0.5	2.24	0.92 No	0.5	Element Fault
RLK071	481	'484269694_/_602210659'	3	3.7	10	2.056	2.4	6.44	2.75 No	2.056	Thermal Discharging
RLK071	482	'5583805_/_5583819'	2.7	4.2	10	2.056	3.3	6.8	2.75 No	2.056	Thermal Discharging
RLK071	483	'5580283_/_5580281_1'	0.93	1.33	3.33	0.688	0.3	2.28	0.92 No	0.3	Element Fault
RLK071	484	'72848295_/_72848300'	0.9	1.4	3.33	0.688	0.5	2.26	0.92 No	0.5	Element Fault
RLK071	485	'5586124_/_5586121'	0.83	1.43	3.33	0.688	0.9	2.41	0.92 No	0.688	Thermal Discharging
RLK071	486	'345362420_/_52342291_1'	3.1	3.7	10	2.056	1	6.39	2.75 No	1	Element Fault
RLK071	487	'9346247_/_9346244'	3	3.7	10	2.056	2.5	6.42	2.75 No	2.056	Thermal Discharging
RLK071	488	'9299736_/_9300434'	0.9	1.4	3.33	0.688	0.5	2.25	0.92 No	0.5	Element Fault
RLK071	489	'5585285_/_5585282'	0.83	1.43	3.33	0.688	1.2	2.36	0.92 No	0.688	Thermal Discharging
RLK071	490	'6507594_/_6507591'	3.1	3.6	10	2.056	9.1	6.35	2.75 No	2.056	Thermal Discharging
RLK071	491	'72848404_/_72848380_1'	0.9	1.37	3.33	0.688	0.3	2.25	0.92 No	0.3	Element Fault
RLK071	492	'52342288_/_52342291_2'	3.1	3.6	10	2.056	1	6.35	2.75 No	1	Element Fault
RLK071	493	'7719818_/_8984151_2'	0.9	1.37	3.33	0.688	1.1	2.24	0.92 No	0.688	Thermal Discharging
RLK071	494	'8086638_/_8086635'	1.1	1.23	3.33	0.688	0.5	2.17	0.92 No	0.5	Element Fault
RLK071	495	'8043254_/_8357134'	0.8	1.4	3.33	0.688	0.5	2.36	0.92 No	0.5	Element Fault
RLK071	496	'7452579_/_270118650_2'	2.9	3.7	10	2.056	1.5	6.38	2.75 No	1.5	Element Fault
RLK071	497	'43741424_/_5581254'	1.87	2.6	6.67	1.368	0.3	4.38	1.83 No	0.3	Element Fault
RLK071	498	'109845141_/_465916043_2'	3	3.6	10	2.056	1.5	6.3	2.75 No	1.5	Element Fault
RLK071	499	'6505918_/_6505915'	1.1	1.23	3.33	0.688	0.5	2.13	0.92 No	0.5	Element Fault
RLK071	500	'6507610_/_6508585'	3.1	3.6	10	2.056	9.1	6.28	2.75 No	2.056	Thermal Discharging
RLK071	501	'8984050_/_437833070'	1.03	1.3	3.33	0.688	0.3	2.24	0.92 No	0.3	Element Fault
RLK071	502	'6507830_/_6507827_2'	3.1	3.6	10	2.056	1.5	6.28	2.75 No	1.5	Element Fault

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RLK071	503	'6507869_/6507867_1'		3.1	3.5	10	2.056	1.5	6.26	2.75 No	1.5 Element Fault
RLK071	504	'8086601_/9343968'		1.2	1.23	3.33	0.688	0.5	2.15	0.92 No	0.5 Element Fault
RLK071	505	'5591449_/5591446'		1.03	1.3	3.33	0.688	0.2	2.16	0.92 No	0.2 Element Fault
RLK071	506	'90248874_/90248370_1'		1.03	1.17	3.33	0.688	0.3	2.08	0.92 No	0.3 Element Fault
RLK071	507	'43743642_/5591359'		1.03	1.3	3.33	0.688	0.2	2.17	0.92 No	0.2 Element Fault
RLK071	508	'43744102_/5594837'		0.93	1.33	3.33	0.688	0.5	2.2	0.92 No	0.5 Element Fault
RLK071	509	'7884345_/8086599_1'		1.2	1.23	3.33	0.688	0.5	2.14	0.92 No	0.5 Element Fault
RLK071	510	'7884346_/8712374'		1.2	1.23	3.33	0.688	0.5	2.13	0.92 No	0.5 Element Fault
RLK071	511	'51816808_/6507608'		3.1	3.5	10	2.056	9.1	6.21	2.75 No	2.056 Thermal Discharging
RLK071	512	'8712637_/350471446'		2.9	3.6	10	2.056	2.5	6.27	2.75 No	2.056 Thermal Discharging
RLK071	513	'484269726_/484269758'		2.9	3.6	10	2.056	2.4	6.26	2.75 No	2.056 Thermal Discharging
RLK071	514	'51816859_/51816826_2'		3.1	3.5	10	2.056	5.7	6.2	2.75 No	2.056 Thermal Discharging
RLK071	515	'5580284_/5580281_2'		0.93	1.27	3.33	0.688	0.3	2.21	0.92 No	0.3 Element Fault
RLK071	516	'583856923_/583856927'		3.1	3.5	10	2.056	8.7	6.2	2.75 No	2.056 Thermal Discharging
RLK071	517	'43742438_/5584824'		0.8	1.37	3.33	0.688	0.5	2.3	0.92 No	0.5 Element Fault
RLK071	518	'43743282_/5588482'		0.7	1.43	3.33	0.688	1.1	2.34	0.92 No	0.688 Thermal Discharging
RLK071	519	'583857112_/583857030_1'		3.1	3.5	10	2.056	8.7	6.18	2.75 No	2.056 Thermal Discharging
RLK071	520	'5584468_/5592356'		0.93	1.33	3.33	0.688	0.5	2.18	0.92 No	0.5 Element Fault
RLK071	521	'43743653_/5591417'		1.03	1.3	3.33	0.688	0.2	2.14	0.92 No	0.2 Element Fault
RLK071	522	'5580233_/5580247'		2.7	3.8	10	2.056	4.9	6.61	2.75 No	2.056 Thermal Discharging
RLK071	523	'603207105_/583857030_2'		3.1	3.5	10	2.056	8.7	6.17	2.75 No	2.056 Thermal Discharging
RLK071	524	'646406458_/646406520'		3.1	3.5	10	2.056	8.7	6.17	2.75 No	2.056 Thermal Discharging
RLK071	525	'66636106_/6507867_2'		3	3.5	10	2.056	1.5	6.18	2.75 No	1.5 Element Fault
RLK071	526	'43930725_/6518720'		3	3.5	10	2.056	1	6.19	2.75 No	1 Element Fault
RLK071	527	'8984222_/8984219_2'		0.93	1.3	3.33	0.688	0.3	2.23	0.92 No	0.3 Element Fault
RLK071	528	'66636296_/9659376_1'		3	3.5	10	2.056	0.9	6.17	2.75 No	0.9 Element Fault
RLK071	529	'5568268_/5568266'		0.7	1.4	3.33	0.688	0.3	2.33	0.92 No	0.3 Element Fault
RLK071	530	'8712711_/8712708_1'		2.9	3.5	10	2.056	1.5	6.22	2.75 No	1.5 Element Fault
RLK071	531	'5584827_/5584837_1'		0.77	1.33	3.33	0.688	0.5	2.29	0.92 No	0.5 Element Fault
RLK071	532	'6507369_/8712708_2'		2.9	3.5	10	2.056	1.5	6.21	2.75 No	1.5 Element Fault
RLK071	533	'394153905_/350471223'		2.9	3.5	10	2.056	2.5	6.21	2.75 No	2.056 Thermal Discharging
RLK071	534	'6505902_/6505899'		1.1	1.2	3.33	0.688	0.5	2.08	0.92 No	0.5 Element Fault
RLK071	535	'8357105_/8357102'		0.87	1.33	3.33	0.688	0.3	2.17	0.92 No	0.3 Element Fault
RLK071	536	'394153858_/394153948'		2.9	3.5	10	2.056	2.5	6.18	2.75 No	2.056 Thermal Discharging
RLK071	537	'5592867_/5594774'		2.5	4	10	2.056	2.4	6.51	2.75 No	2.056 Thermal Discharging
RLK071	538	'5584534_/5584531'		0.83	1.33	3.33	0.688	0.5	2.16	0.92 No	0.5 Element Fault
RLK071	539	'5581257_/43741426'		1.73	2.53	6.67	1.368	0.3	4.24	1.83 No	0.3 Element Fault
RLK071	540	'583857077_/646406484_1'		3	3.4	10	2.056	8.7	6.09	2.75 No	2.056 Thermal Discharging
RLK071	541	'7407213_/8984151_1'		0.9	1.3	3.33	0.688	0.5	2.16	0.92 No	0.5 Element Fault
RLK071	542	'583856893_/646406484_2'		3	3.4	10	2.056	8.7	6.08	2.75 No	2.056 Thermal Discharging
RLK071	543	'5586137_/5586134'		0.77	1.37	3.33	0.688	0.9	2.29	0.92 No	0.688 Thermal Discharging
RLK071	544	'6507158_/6507156'		3	3.4	10	2.056	8.7	6.07	2.75 No	2.056 Thermal Discharging
RLK071	545	'43742705_/5585295'		0.77	1.37	3.33	0.688	1.2	2.24	0.92 No	0.688 Thermal Discharging
RLK071	546	'5591348_/5591346'		1	1.27	3.33	0.688	0.2	2.1	0.92 No	0.2 Element Fault
RLK071	547	'5580391_/5580388'		0.93	1.23	3.33	0.688	0.3	2.15	0.92 No	0.3 Element Fault
RLK071	548	'6507853_/6507850'		2.9	3.4	10	2.056	1.5	6.08	2.75 No	1.5 Element Fault
RLK071	549	'5581333_/5581331'		0.93	1.23	3.33	0.688	0.3	2.15	0.92 No	0.3 Element Fault
RLK071	550	'583857651_/583856724_2'		3	3.4	10	2.056	5.6	6.04	2.75 No	2.056 Thermal Discharging
RLK071	551	'484269662_/484269742'		2.8	3.5	10	2.056	2.4	6.11	2.75 No	2.056 Thermal Discharging
RLK071	552	'8712597_/270118631'		2.8	3.5	10	2.056	1.5	6.13	2.75 No	1.5 Element Fault
RLK071	553	'6507159_/583857291'		3	3.4	10	2.056	7.9	6.02	2.75 No	2.056 Thermal Discharging
RLK071	554	'5591377_/5591375_1'		1	1.27	3.33	0.688	0.1	2.08	0.92 No	0.1 Element Fault
RLK071	555	'43930662_/6507367'		1.93	2.33	6.67	1.368	1	4.06	1.83 No	1 Element Fault
RLK071	556	'72848369_/72848380_2'		0.83	1.3	3.33	0.688	0.3	2.13	0.92 No	0.3 Element Fault
RLK071	557	'8086759_/8086757_1'		3	3.4	10	2.056	1.5	5.99	2.75 No	1.5 Element Fault
RLK071	558	'43741137_/43741139'		2.6	3.7	10	2.056	4.9	6.39	2.75 No	2.056 Thermal Discharging
RLK071	559	'8664262_/8665045'		0.83	1.27	3.33	0.688	0.5	2.12	0.92 No	0.5 Element Fault
RLK071	560	'6507179_/6507176'		2.9	3.4	10	2.056	7.9	5.96	2.75 No	2.056 Thermal Discharging
RLK071	561	'5594255_/43744104'		0.9	1.3	3.33	0.688	0.5	2.1	0.92 No	0.5 Element Fault
RLK071	562	'5584840_/5584837_2'		0.77	1.3	3.33	0.688	0.5	2.21	0.92 No	0.5 Element Fault
RLK071	563	'43744067_/5594567'		0.83	1.3	3.33	0.688	0.5	2.11	0.92 No	0.5 Element Fault
RLK071	564	'583856696_/583856724_1'		3	3.3	10	2.056	3.2	5.96	2.75 No	2.056 Thermal Discharging
RLK071	565	'9659379_/9659376_2'		2.9	3.4	10	2.056	0.9	5.98	2.75 No	0.9 Element Fault
RLK071	566	'5584469_/5584466'		0.87	1.27	3.33	0.688	0.5	2.1	0.92 No	0.5 Element Fault
RLK071	567	'5580754_/5580751'		0.97	1.2	3.33	0.688	0.3	2.11	0.92 No	0.3 Element Fault
RLK071	568	'8043159_/9299734_1'		0.67	1.07	3.33	0.688	0.5	2.1	0.92 No	0.5 Element Fault
RLK071	569	'6518742_/6518760'		2.8	3.4	10	2.056	1	5.97	2.75 No	1 Element Fault
RLK071	570	'7884538_/9658984_1'		0.97	1.1	3.33	0.688	0.5	1.97	0.92 No	0.5 Element Fault
RLK071	571	'602210586_/602210648'		2.7	3.4	10	2.056	2.4	5.99	2.75 No	2.056 Thermal Discharging
RLK071	572	'8043255_/8043252'		0.73	1.3	3.33	0.688	0.5	2.2	0.92 No	0.5 Element Fault
RLK071	573	'6507196_/6507193'		2.9	3.3	10	2.056	7.9	5.91	2.75 No	2.056 Thermal Discharging
RLK071	574	'43741150_/5581344'		0.97	1.2	3.33	0.688	0.3	2.1	0.92 No	0.3 Element Fault
RLK071	575	'8984186_/8984183'		0.8	1.27	3.33	0.688	0.3	2.1	0.92 No	0.3 Element Fault
RLK071	576	'5583788_/5583802'		2.4	3.8	10	2.056	3.3	6.28	2.75 No	2.056 Thermal Discharging
RLK071	577	'5591378_/5591375_2'		0.97	1.23	3.33	0.688	0.1	2.04	0.92 No	0.1 Element Fault
RLK071	578	'5586953_/5586973'		2.4	3.8	10	2.056	3.3	6.27	2.75 No	2.056 Thermal Discharging
RLK071	579	'468362458_/468362462'		2.4	3.8	10	2.056	3.3	6.26	2.75 No	2.056 Thermal Discharging
RLK071	580	'6507370_/43930664'		1.93	2.27	6.67	1.368	1	3.97	1.83 No	1 Element Fault
RLK071	581	'8372896_/367725269_1'		2.9	3.3	10	2.056	1.5	5.88	2.75 No	1.5 Element Fault
RLK071	582	'5594062_/5594060'		0.63	1.33	3.33	0.688	0.3	2.2	0.92 No	0.3 Element Fault
RLK071	583	'6507213_/6507210'		2.9	3.3	10	2.056	7.9	5.84	2.75 No	2.056 Thermal Discharging
RLK071	584	'4393062_/6507227'		2.9	3.3	10	2.056	7.8	5.84	2.75 No	2.056 Thermal Discharging
RLK071	585	'5592866_/5592864'		2.4	3.7	10	2.056	2.4	6.23	2.75 No	2.056 Thermal Discharging
RLK071	586	'5586936_/5586950'		2.4	3.8	10	2.056	3.3	6.2	2.75 No	2.056 Thermal Discharging
RLK071	587	'43741319_/5580764'		0.97	1.2	3.33	0.688	0.3	2.07	0.92 No	0.3 Element Fault
RLK071	588	'468362585_/468362546_1'		2.4	3.8	10	2.056	1.5	6.21	2.75 No	1.5 Element Fault
RLK071	589	'8712670_/350471421'		2.7	3.3	10	2.056	2.5	5.91	2.75 No	2.056 Thermal Discharging
RLK071	590	'583856681_/583856693'		2.9	3.3	10	2.056	3.2	5.83	2.75 No	2.056 Thermal Discharging
RLK071	591	'468362494_/468362500'		2.4	3.7	10	2.056	3.3	6.16	2.75 No	2.056 Thermal Discharging
RLK071	592	'5588199_/5588196'		0.63	1.33	3.33	0.688	1.1	2.18	0.92 No	0.63 Primary Over-Voltage
RLK071	593	'8712596_/270118612'		2.6	3.4	10	2.056	1.5	5.9	2.75 No	1.5 Element Fault
RLK071	594	'108900301_/108900190_1'		0.97	1.1	3.33	0.688	0.5	1.93	0.92 No	0.5 Element Fault
RLK071	595	'9346464_/9346462_1'		1.87	2.2	6.67	1.368	1	3.86	1.83 No	1 Element Fault
RLK071	596	'473398198_/9299918'		0.73	1.27	3.33	0.688	0.5	2.15	0.92 No	0.5 Element Fault

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RLK071	597	'9658987_/_9658984_2'	0.97	1.1	3.33	0.688	0.5	1.93	0.92 No	0.5	Element Fault
RLK071	598	'6507230_/_43930629'	2.8	3.3	10	2.056	7.8	5.78	2.75 No	2.056	Thermal Discharging
RLK071	599	'5593625_/_5593639'	2.5	3.5	10	2.056	4.9	6.19	2.75 No	2.056	Thermal Discharging
RLK071	600	'5592884_/_5592911_1'	0.8	1.23	3.33	0.688	0.5	2.05	0.92 No	0.5	Element Fault
RLK071	601	'465598067_/_5586933_1'	2.4	3.7	10	2.056	3.3	6.12	2.75 No	2.056	Thermal Discharging
RLK071	602	'5580309_/_43741152'	0.93	1.17	3.33	0.688	0.3	2.05	0.92 No	0.3	Element Fault
RLK071	603	'5586919_/_5586933_2'	2.4	3.7	10	2.056	3.3	6.11	2.75 No	2.056	Thermal Discharging
RLK071	604	'6507276_/_6507289_1'	0.93	1.1	3.33	0.688	0.5	1.92	0.92 No	0.5	Element Fault
RLK071	605	'465597868_/_465597865'	2.4	3.7	10	2.056	3.3	6.1	2.75 No	2.056	Thermal Discharging
RLK071	606	'465598032_/_465597901_1'	2.4	3.7	10	2.056	3.3	6.1	2.75 No	2.056	Thermal Discharging
RLK071	607	'7765642_/_270118593'	2.6	3.4	10	2.056	1.5	5.87	2.75 No	1.5	Element Fault
RLK071	608	'465597904_/_465597901_2'	2.4	3.7	10	2.056	3.3	6.09	2.75 No	2.056	Thermal Discharging
RLK071	609	'5584954_/_5584968'	0.73	1.23	3.33	0.688	0.5	2.13	0.92 No	0.5	Element Fault
RLK071	610	'5591362_/_43743644'	0.93	1.2	3.33	0.688	0.2	2	0.92 No	0.2	Element Fault
RLK071	611	'43930738_/_6518740'	2.7	3.3	10	2.056	1	5.8	2.75 No	1	Element Fault
RLK071	612	'7885000_/_394153877'	2.6	3.3	10	2.056	2.5	5.83	2.75 No	2.056	Thermal Discharging
RLK071	613	'8086618_/_8086615'	1.67	2.27	6.67	1.368	1	3.97	1.83 No	1	Element Fault
RLK071	614	'8372897_/_367725269_2'	2.8	3.2	10	2.056	1.5	5.73	2.75 No	1.5	Element Fault
RLK071	615	'6507292_/_6507289_2'	0.93	1.07	3.33	0.688	0.5	1.9	0.92 No	0.5	Element Fault
RLK071	616	'43744045_/_5594253'	0.83	1.23	3.33	0.688	0.5	2.01	0.92 No	0.5	Element Fault
RLK071	617	'8664261_/_8664259'	0.77	1.23	3.33	0.688	0.5	2.03	0.92 No	0.5	Element Fault
RLK071	618	'5585554_/_43742751'	0.67	1.27	3.33	0.688	0.5	2.18	0.92 No	0.5	Element Fault
RLK071	619	'5584482_/_5584479'	0.83	1.23	3.33	0.688	0.5	2.01	0.92 No	0.5	Element Fault
RLK071	620	'6507305_/_6507289_3'	0.93	1.07	3.33	0.688	0.5	1.89	0.92 No	0.5	Element Fault
RLK071	621	'43742327_/_5592911_2'	0.8	1.2	3.33	0.688	0.5	2.01	0.92 No	0.5	Element Fault
RLK071	622	'9346465_/_9346462_2'	1.87	2.13	6.67	1.368	1	3.79	1.83 No	1	Element Fault
RLK071	623	'8712671_/_8712668'	2.6	3.2	10	2.056	2.5	5.76	2.75 No	2.056	Thermal Discharging
RLK071	624	'51816819_/_51816826_1'	2.7	3.2	10	2.056	1.5	5.7	2.75 No	1.5	Element Fault
RLK071	625	'70127878_/_51816878_2'	2.7	3.2	10	2.056	1.5	5.69	2.75 No	1.5	Element Fault
RLK071	626	'583856660_/_583856678'	2.8	3.2	10	2.056	3.2	5.68	2.75 No	2.056	Thermal Discharging
RLK071	627	'5580783_/_43741321'	0.9	1.17	3.33	0.688	0.3	1.99	0.92 No	0.3	Element Fault
RLK071	628	'468362564_/_468362546_2'	2.3	3.6	10	2.056	1.5	5.99	2.75 No	1.5	Element Fault
RLK071	629	'7719932_/_8984269'	0.77	1.2	3.33	0.688	0.3	2	0.92 No	0.3	Element Fault
RLK071	630	'5593608_/_5593622'	2.4	3.4	10	2.056	4.9	6.01	2.75 No	2.056	Thermal Discharging
RLK071	631	'8086760_/_8086757_2'	2.7	3.2	10	2.056	1.5	5.65	2.75 No	1.5	Element Fault
RLK071	632	'5580310_/_5580307'	0.9	1.13	3.33	0.688	0.3	1.98	0.92 No	0.3	Element Fault
RLK071	633	'43744011_/_43744013'	0.6	1.27	3.33	0.688	0.3	2.1	0.92 No	0.3	Element Fault
RLK071	634	'51820095_/_51820102'	0.7	1.2	3.33	0.688	0.5	2.07	0.92 No	0.5	Element Fault
RLK071	635	'473686653_/_473686674'	1.8	2.4	10	2.056	1.5	5.7	2.75 No	1.5	Element Fault
RLK071	636	'44877233_/_5594580'	0.77	1.2	3.33	0.688	0.5	1.98	0.92 No	0.5	Element Fault
RLK071	637	'7452280_/_270118574'	1.8	2.4	10	2.056	1.5	5.69	2.75 No	1.5	Element Fault
RLK071	638	'6518743_/_43930740'	2.6	3.2	10	2.056	1	5.65	2.75 No	1	Element Fault
RLK071	639	'5593658_/_5593656_1'	0.8	1.13	3.33	0.688	0.3	1.99	0.92 No	0.3	Element Fault
RLK071	640	'5584955_/_5584952'	0.7	1.2	3.33	0.688	0.5	2.05	0.92 No	0.5	Element Fault
RLK071	641	'9659003_/_9659000'	1.8	2.07	6.67	1.368	1	3.72	1.83 No	1	Element Fault
RLK071	642	'473060445_/_473398220'	0.67	1.2	3.33	0.688	0.5	2.04	0.92 No	0.5	Element Fault
RLK071	643	'5584508_/_43742329'	0.8	1.17	3.33	0.688	0.5	1.96	0.92 No	0.5	Element Fault
RLK071	644	'616793377_/_616793317_2'	2.7	3.1	10	2.056	3.2	5.56	2.75 No	2.056	Thermal Discharging
RLK071	645	'5594306_/_5594303'	0.8	1.17	3.33	0.688	0.5	1.94	0.92 No	0.5	Element Fault
RLK071	646	'90248359_/_90248370_2'	1	1.03	3.33	0.688	0.3	1.86	0.92 No	0.3	Element Fault
RLK071	647	'616793313_/_616793317_1'	2.7	3.1	10	2.056	3.2	5.56	2.75 No	2.056	Thermal Discharging
RLK071	648	'43742883_/_5586150'	0.7	1.2	3.33	0.688	0.9	2.06	0.92 No	0.688	Thermal Discharging
RLK071	649	'6507318_/_6507315'	0.93	1.03	3.33	0.688	0.5	1.83	0.92 No	0.5	Element Fault
RLK071	650	'6508555_/_43930653'	0.93	1.03	3.33	0.688	0.5	1.84	0.92 No	0.5	Element Fault
RLK071	651	'616793402_/_616793375_1'	2.7	3.1	10	2.056	1.5	5.54	2.75 No	1.5	Element Fault
RLK071	652	'5585311_/_43742707'	0.67	1.2	3.33	0.688	1.2	2.01	0.92 No	0.67	Primary Over-Voltage
RLK071	653	'39462747_/_49445242'	0.97	1.07	3.33	0.688	0.5	1.86	0.92 No	0.5	Element Fault
RLK071	654	'5589416_/_5592894'	2.2	3.5	10	2.056	2.4	5.84	2.75 No	2.056	Thermal Discharging
RLK071	655	'583856643_/_583856657'	2.7	3	10	2.056	3.2	5.52	2.75 No	2.056	Thermal Discharging
RLK071	656	'43741330_/_5580793'	0.87	1.1	3.33	0.688	0.3	1.93	0.92 No	0.3	Element Fault
RLK071	657	'7452316_/_9659094'	2.5	3.1	10	2.056	2.5	5.57	2.75 No	2.056	Thermal Discharging
RLK071	658	'5593591_/_5593605'	2.3	3.3	10	2.056	4.8	5.84	2.75 No	2.056	Thermal Discharging
RLK071	659	'436490338_/_436490359'	2.6	3.1	10	2.056	1.5	5.5	2.75 No	1.5	Element Fault
RLK071	660	'443956119_/_7452314'	2.5	3.1	10	2.056	2.5	5.56	2.75 No	2.056	Thermal Discharging
RLK071	661	'9299885_/_419420446'	0.67	1.2	3.33	0.688	0.5	2.02	0.92 No	0.5	Element Fault
RLK071	662	'7766152_/_9346342'	2.6	3.1	10	2.056	1.5	5.49	2.75 No	1.5	Element Fault
RLK071	663	'7792324_/_7792321'	0.93	1.03	3.33	0.688	0.5	1.85	0.92 No	0.5	Element Fault
RLK071	664	'90248574_/_90248585'	0.97	1.03	3.33	0.688	0.3	1.84	0.92 No	0.3	Element Fault
RLK071	665	'43743271_/_5588209'	0.6	1.23	3.33	0.688	1.1	2.03	0.92 No	0.6	Primary Over-Voltage
RLK071	666	'5586153_/_5586163_1'	0.67	1.2	3.33	0.688	0.9	2.03	0.92 No	0.67	Primary Over-Voltage
RLK071	667	'43741161_/_5580320'	0.87	1.1	3.33	0.688	0.3	1.92	0.92 No	0.3	Element Fault
RLK071	668	'583856538_/_583856640'	2.7	3	10	2.056	3.2	5.48	2.75 No	2.056	Thermal Discharging
RLK071	669	'348635833_/_270118732'	1.7	2.4	10	2.056	1.5	5.53	2.75 No	1.5	Element Fault
RLK071	670	'405114044_/_37975991'	1.7	2.4	10	2.056	1.5	5.53	2.75 No	1.5	Element Fault
RLK071	671	'348635857_/_37975963'	1.7	2.4	10	2.056	1.5	5.53	2.75 No	1.5	Element Fault
RLK071	672	'405114061_/_405114058'	1.7	2.4	10	2.056	1.5	5.53	2.75 No	1.5	Element Fault
RLK071	673	'348635844_/_37975970'	1.9	2.7	10	2.056	1.5	5.53	2.75 No	1.5	Element Fault
RLK071	674	'6518442_/_6518439'	0.97	1.03	3.33	0.688	0.5	1.8	0.92 No	0.5	Element Fault
RLK071	675	'6507736_/_583856542'	2.7	3	10	2.056	3.2	5.45	2.75 No	2.056	Thermal Discharging
RLK071	676	'7407212_/_255305170'	0.77	1.13	3.33	0.688	0.5	1.91	0.92 No	0.5	Element Fault
RLK071	677	'9031432_/_9346616_1'	2.7	3	10	2.056	2	5.46	2.75 No	2	Element Fault
RLK071	678	'9299921_/_473060468'	0.67	1.17	3.33	0.688	0.5	1.99	0.92 No	0.5	Element Fault
RLK071	679	'5594049_/_5594047'	0.57	1.2	3.33	0.688	0.3	2.01	0.92 No	0.3	Element Fault
RLK071	680	'7719933_/_7719930_1'	0.73	1.17	3.33	0.688	0.5	1.91	0.92 No	0.5	Element Fault
RLK071	681	'5593659_/_5593656_2'	0.8	1.1	3.33	0.688	0.3	1.91	0.92 No	0.3	Element Fault
RLK071	682	'8712557_/_9346616_2'	2.7	3	10	2.056	2	5.42	2.75 No	2	Element Fault
RLK071	683	'400456282_/_400456286'	1.53	2	6.67	1.368	1.6	3.67	1.83 No	1.368	Thermal Discharging
RLK071	684	'5589287_/_5589284'	0.67	1.17	3.33	0.688	1.2	1.96	0.92 No	0.67	Primary Over-Voltage
RLK071	685	'7452317_/_443956138'	2.4	3.1	10	2.056	2.5	5.47	2.75 No	2.056	Thermal Discharging
RLK071	686	'90248616_/_90248625'	0.97	1	3.33	0.688	0.3	1.81	0.92 No	0.3	Element Fault
RLK071	687	'616793359_/_616793375_2'	2.6	3	10	2.056	1.5	5.4	2.75 No	1.5	Element Fault
RLK071	688	'5594319_/_5594316'	0.77	1.13	3.33	0.688	0.5	1.88	0.92 No	0.5	Element Fault
RLK071	689	'43930777_/_6507753'	2.7	3	10	2.056	3.2	5.38	2.75 No	2.056	Thermal Discharging
RLK071	690	'9031075_/_9344000'	1.53	2.07	6.67	1.368	1	3.68	1.83 No	1	Element Fault

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage	Regulator	Thermal	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
				Deviation	Deviation	Discharging				VSR (MW)	Limiting Threshold
RLK071	691	'5580216_/_5593588'	2.2		3.2	10	2.056	4.8	5.68	2.75 No	2.056 Thermal Discharging
RLK071	692	'9031708_/_270119100'	1.7		2.4	10	2.056	1.5	5.43	2.75 No	1.5 Element Fault
RLK071	693	'5584495_/_5584505'	0.77		1.13	3.33	0.688	0.5	1.88	0.92 No	0.5 Element Fault
RLK071	694	'108900179_/_108900190_2'	0.97		1	3.33	0.688	0.5	1.78	0.92 No	0.5 Element Fault
RLK071	695	'8712556_/_8712554'	2.6		2.9	10	2.056	2	5.36	2.75 No	2 Element Fault
RLK071	696	'5580809_/_43741332'	0.83		1.07	3.33	0.688	0.3	1.86	0.92 No	0.3 Element Fault
RLK071	697	'5580336_/_5580333'	0.83		1.07	3.33	0.688	0.3	1.86	0.92 No	0.3 Element Fault
RLK071	698	'7884852_/_270118555'	1.7		2.4	10	2.056	1.5	5.39	2.75 No	1.5 Element Fault
RLK071	699	'9031950_/_484269666'	2.4		3	10	2.056	2.4	5.37	2.75 No	2.056 Thermal Discharging
RLK071	700	'7765813_/_8712688'	2.4		3	10	2.056	2.5	5.38	2.75 No	2.056 Thermal Discharging
RLK071	701	'122851735_/_122851746'	0.93		1	3.33	0.688	0.3	1.78	0.92 No	0.3 Element Fault
RLK071	702	'400456238_/_400456242'	2.4		3	10	2.056	2.4	5.35	2.75 No	2.056 Thermal Discharging
RLK071	703	'7884831_/_270118963'	1.7		2.4	10	2.056	1.5	5.36	2.75 No	1.5 Element Fault
RLK071	704	'5594348_/_5594345'	0.73		1.1	3.33	0.688	0.5	1.83	0.92 No	0.5 Element Fault
RLK071	705	'6507773_/_6507770'	2.6		2.9	10	2.056	3.2	5.25	2.75 No	2.056 Thermal Discharging
RLK071	706	'5580196_/_5580213'	2.2		3.1	10	2.056	4.8	5.55	2.75 No	2.056 Thermal Discharging
RLK071	707	'5591822_/_5594089'	0.53		1.17	3.33	0.688	0.3	1.92	0.92 No	0.3 Element Fault
RLK071	708	'43743943_/_5593698'	0.8		1.03	3.33	0.688	0.3	1.84	0.92 No	0.3 Element Fault
RLK071	709	'5584494_/_5584492'	0.73		1.1	3.33	0.688	0.5	1.83	0.92 No	0.5 Element Fault
RLK071	710	'5580822_/_5580819'	0.8		1.03	3.33	0.688	0.3	1.81	0.92 No	0.3 Element Fault
RLK071	711	'5580063_/_5580193'	2.1		3.1	10	2.056	4.8	5.49	2.75 No	2.056 Thermal Discharging
RLK071	712	'7452827_/_9346924'	2.5		2.9	10	2.056	2	5.2	2.75 No	2 Element Fault
RLK071	713	'7766151_/_583856788'	2.5		2.9	10	2.056	2	5.2	2.75 No	2 Element Fault
RLK071	714	'5588212_/_43743273'	0.53		1.13	3.33	0.688	1.1	1.9	0.92 No	0.53 Primary Over-Voltage
RLK071	715	'5589417_/_5589414'	2		3.2	10	2.056	2.4	5.48	2.75 No	2 Primary Over-Voltage
RLK071	716	'43742716_/_5585321'	0.63		1.13	3.33	0.688	1.2	1.87	0.92 No	0.63 Primary Over-Voltage
RLK071	717	'37975763_/_9031073'	1.47		2	6.67	1.368	1	3.55	1.83 No	1 Element Fault
RLK071	718	'405114264_/_37975760'	1.47		2	6.67	1.368	1	3.55	1.83 No	1 Element Fault
RLK071	719	'405114281_/_405114278'	1.47		2	6.67	1.368	1	3.55	1.83 No	1 Element Fault
RLK071	720	'37975749_/_37975753'	1.47		2	6.67	1.368	1	3.55	1.83 No	1 Element Fault
RLK071	721	'37975777_/_37975781'	1.47		2	6.67	1.368	1	3.55	1.83 No	1 Element Fault
RLK071	722	'5580064_/_5580074_1'	0.7		1.03	3.33	0.688	0.3	1.82	0.92 No	0.3 Element Fault
RLK071	723	'5584429_/_5585376'	0.73		1.07	3.33	0.688	0.5	1.81	0.92 No	0.5 Element Fault
RLK071	724	'51820126_/_51820226'	0.63		1.1	3.33	0.688	0.5	1.87	0.92 No	0.5 Element Fault
RLK071	725	'7765814_/_7765811'	2.3		2.9	10	2.056	2.5	5.19	2.75 No	2.056 Thermal Discharging
RLK071	726	'5580349_/_5580346'	0.8		1.03	3.33	0.688	0.3	1.78	0.92 No	0.3 Element Fault
RLK071	727	'394486411_/_394486454'	2.2		2.9	10	2.056	2.4	5.17	2.75 No	2.056 Thermal Discharging
RLK071	728	'43931068_/_6507787'	2.5		2.8	10	2.056	3.2	5.13	2.75 No	2.056 Thermal Discharging
RLK071	729	'5593687_/_43743945'	0.8		1.03	3.33	0.688	0.3	1.79	0.92 No	0.3 Element Fault
RLK071	730	'8743092_/_9031855'	0.87		0.97	3.33	0.688	0.5	1.72	0.92 No	0.5 Element Fault
RLK071	731	'7884832_/_270118921'	1.7		2.4	10	2.056	1.5	5.16	2.75 No	1.5 Element Fault
RLK071	732	'8043158_/_9611023'	0.67		1.07	3.33	0.688	0.5	1.79	0.92 No	0.5 Element Fault
RLK071	733	'5580077_/_5580074_2'	0.7		1	3.33	0.688	0.3	1.79	0.92 No	0.3 Element Fault
RLK071	734	'9346523_/_9346540'	2.2		2.9	10	2.056	2.5	5.13	2.75 No	2.056 Thermal Discharging
RLK071	735	'43741341_/_5580832'	0.8		1.03	3.33	0.688	0.3	1.76	0.92 No	0.3 Element Fault
RLK071	736	'7884378_/_7884375'	1.4		1.93	6.67	1.368	1	3.46	1.83 No	1 Element Fault
RLK071	737	'5586166_/_5586163_2'	0.6		1.07	3.33	0.688	0.9	1.85	0.92 No	0.6 Primary Over-Voltage
RLK071	738	'52152661_/_43742718'	0.6		1.1	3.33	0.688	1.2	1.81	0.92 No	0.6 Primary Over-Voltage
RLK071	739	'5580149_/_5580163'	2.1		3	10	2.056	4.8	5.3	2.75 No	2.056 Thermal Discharging
RLK071	740	'493620952_/_481505061_1'	2.1		3	10	2.056	0.9	5.29	2.75 No	0.9 Element Fault
RLK071	741	'8664422_/_8664451_1'	0.6		1.07	3.33	0.688	0.3	1.8	0.92 No	0.3 Element Fault
RLK071	742	'7884980_/_394486415'	2.2		2.8	10	2.056	2.4	5.05	2.75 No	2.056 Thermal Discharging
RLK071	743	'6507790_/_43931070'	2.4		2.7	10	2.056	1.8	5.01	2.75 No	1.8 Element Fault
RLK071	744	'7720368_/_7720366'	0.7		1.03	3.33	0.688	0.5	1.74	0.92 No	0.5 Element Fault
RLK071	745	'5593688_/_5593685'	0.77		1	3.33	0.688	0.3	1.74	0.92 No	0.3 Element Fault
RLK071	746	'43741346_/_43741343'	0.77		1	3.33	0.688	0.3	1.72	0.92 No	0.3 Element Fault
RLK071	747	'5590681_/_5590679'	0.7		1.03	3.33	0.688	0.5	1.73	0.92 No	0.5 Element Fault
RLK071	748	'43742305_/_5584427'	0.7		1.03	3.33	0.688	0.5	1.73	0.92 No	0.5 Element Fault
RLK071	749	'583857470_/_7766149_1'	2.4		2.8	10	2.056	1.5	4.96	2.75 No	1.5 Element Fault
RLK071	750	'43741126_/_5580090'	0.7		1	3.33	0.688	0.3	1.74	0.92 No	0.3 Element Fault
RLK071	751	'5589400_/_5589434'	1.9		3.1	10	2.056	2.4	5.22	2.75 No	1.9 Primary Over-Voltage
RLK071	752	'5591808_/_5591819'	0.5		1.07	3.33	0.688	0.3	1.8	0.92 No	0.3 Element Fault
RLK071	753	'106920979_/_106920910_1'	1.9		3.1	10	2.056	1.5	5.21	2.75 No	1.5 Element Fault
RLK071	754	'43741172_/_5580362'	0.77		1	3.33	0.688	0.3	1.71	0.92 No	0.3 Element Fault
RLK071	755	'91558213_/_91558166_1'	0.63		1.03	3.33	0.688	0.5	1.73	0.92 No	0.5 Element Fault
RLK071	756	'8357518_/_8357516_1'	0.5		1.07	3.33	0.688	0.2	1.79	0.92 No	0.2 Element Fault
RLK071	757	'5579982_/_5580146'	2		2.9	10	2.056	4.8	5.17	2.75 No	2 Primary Over-Voltage
RLK071	758	'5579983_/_5580180_1'	0.67		0.97	3.33	0.688	0.3	1.72	0.92 No	0.3 Element Fault
RLK071	759	'7452429_/_7452426'	2.4		2.7	10	2.056	1.8	4.91	2.75 No	1.8 Element Fault
RLK071	760	'394486481_/_7884997'	2.1		2.7	10	2.056	2.4	4.91	2.75 No	2.056 Thermal Discharging
RLK071	761	'8086654_/_8086651'	1.33		1.87	6.67	1.368	1	3.31	1.83 No	1 Element Fault
RLK071	762	'7452488_/_349689483'	2.1		2.7	10	2.056	2.5	4.89	2.75 No	2.056 Thermal Discharging
RLK071	763	'5579999_/_5580180_2'	0.67		0.97	3.33	0.688	0.3	1.69	0.92 No	0.3 Element Fault
RLK071	764	'5580131_/_5580129'	2		2.9	10	2.056	4.8	5.07	2.75 No	2 Primary Over-Voltage
RLK071	765	'7407148_/_9299934'	0.57		1	3.33	0.688	0.5	1.73	0.92 No	0.5 Element Fault
RLK071	766	'5581864_/_91558166_2'	0.63		1	3.33	0.688	0.5	1.68	0.92 No	0.5 Element Fault
RLK071	767	'5584443_/_5584440'	0.67		1	3.33	0.688	0.5	1.67	0.92 No	0.5 Element Fault
RLK071	768	'7765738_/_7765735'	2.3		2.6	10	2.056	1.8	4.8	2.75 No	1.8 Element Fault
RLK071	769	'43741177_/_43741174'	0.73		0.97	3.33	0.688	0.3	1.66	0.92 No	0.3 Element Fault
RLK071	770	'5580106_/_43741128'	0.73		0.93	3.33	0.688	0.3	1.67	0.92 No	0.3 Element Fault
RLK071	771	'5591809_/_5591806'	0.5		1.03	3.33	0.688	0.3	1.73	0.92 No	0.3 Element Fault
RLK071	772	'394486525_/_394486579'	2.1		2.7	10	2.056	2.4	4.82	2.75 No	2.056 Thermal Discharging
RLK071	773	'5590694_/_5590692'	0.67		0.97	3.33	0.688	0.5	1.66	0.92 No	0.5 Element Fault
RLK071	774	'106920899_/_106920910_2'	1.8		2.9	10	2.056	1.5	4.98	2.75 No	1.5 Element Fault
RLK071	775	'5581416_/_5582227'	1.9		2.8	10	2.056	4.8	4.97	2.75 No	1.9 Primary Over-Voltage
RLK071	776	'8086720_/_270118492'	1.7		2.4	10	2.056	1.5	4.78	2.75 No	1.5 Element Fault
RLK071	777	'5581435_/_5582204_1'	1.9		2.8	10	2.056	1	4.95	2.75 No	1 Element Fault
RLK071	778	'5581863_/_5581861'	0.63		0.97	3.33	0.688	0.5	1.65	0.92 No	0.5 Element Fault
RLK071	779	'114814556_/_102004028_1'	0.63		0.97	3.33	0.688	0.3	1.64	0.92 No	0.3 Element Fault
RLK071	780	'43741104_/_5580009'	0.67		0.93	3.33	0.688	0.3	1.64	0.92 No	0.3 Element Fault
RLK071	781	'437766425_/_394486529'	2		2.6	10	2.056	2.4	4.72	2.75 No	2 Primary Over-Voltage
RLK071	782	'477586719_/_8743090'	0.77		0.87	3.33	0.688	0.5	1.57	0.92 No	0.5 Element Fault
RLK071	783	'106921013_/_106921045'	0.6		0.97	3.33	0.688	0.5	1.63	0.92 No	0.5 Element Fault
RLK071	784	'5580119_/_5580116'	0.7		0.93	3.33	0.688	0.3	1.62	0.92 No	0.3 Element Fault

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RLK071	785	'405223450_/_396776730_1'	1.8	2.4	10	2.056	1.5	4.69	2.75 No	1.5	Element Fault
RLK071	786	'8356936_/_8984063'	0.7	0.93	3.33	0.688	0.3	1.62	0.92 No	0.3	Element Fault
RLK071	787	'5586179_/_5586176'	0.53	0.97	3.33	0.688	0.9	1.68	0.92 No	0.53	Primary Over-Voltage
RLK071	788	'5581415_/_5581413'	1.9	2.7	10	2.056	4.8	4.85	2.75 No	1.9	Primary Over-Voltage
RLK071	789	'5591097_/_5591094'	0.63	0.93	3.33	0.688	0.5	1.61	0.92 No	0.5	Element Fault
RLK071	790	'5591261_/_5591259'	0.63	0.93	3.33	0.688	0.5	1.6	0.92 No	0.5	Element Fault
RLK071	791	'37975805_/_8712422'	1.27	1.8	6.67	1.368	1	3.16	1.83 No	1	Element Fault
RLK071	792	'405114178_/_37975802'	1.27	1.8	6.67	1.368	1	3.16	1.83 No	1	Element Fault
RLK071	793	'37975819_/_37975823'	1.27	1.8	6.67	1.368	1	3.16	1.83 No	1	Element Fault
RLK071	794	'37975791_/_37975795'	1.27	1.8	6.67	1.368	1	3.16	1.83 No	1	Element Fault
RLK071	795	'405114244_/_405114241'	1.27	1.8	6.67	1.368	1	3.16	1.83 No	1	Element Fault
RLK071	796	'8357519_/_8357516_2'	0.47	1	3.33	0.688	0.2	1.66	0.92 No	0.2	Element Fault
RLK071	797	'8043302_/_8664451_2'	0.53	0.97	3.33	0.688	0.3	1.63	0.92 No	0.3	Element Fault
RLK071	798	'481505197_/_481505061_2'	1.8	2.7	10	2.056	0.5	4.79	2.75 No	0.5	Element Fault
RLK071	799	'437766636_/_477586741'	0.73	0.87	3.33	0.688	0.5	1.54	0.92 No	0.5	Element Fault
RLK071	800	'43741560_/_5582204_2'	1.8	2.7	10	2.056	1	4.78	2.75 No	1	Element Fault
RLK071	801	'481505112_/_481505061_3'	1.8	2.7	10	2.056	0.5	4.77	2.75 No	0.5	Element Fault
RLK071	802	'43741493_/_5581450'	1.2	1.8	6.67	1.368	2.4	3.18	1.83 No	1.2	Primary Over-Voltage
RLK071	803	'8743093_/_437766640'	0.73	0.87	3.33	0.688	0.5	1.53	0.92 No	0.5	Element Fault
RLK071	804	'6612987_/_7099297'	0.63	0.93	3.33	0.688	0.5	1.58	0.92 No	0.5	Element Fault
RLK071	805	'5581583_/_5581597'	1.8	2.7	10	2.056	4.8	4.76	2.75 No	1.8	Primary Over-Voltage
RLK071	806	'5580025_/_43741106'	0.67	0.9	3.33	0.688	0.3	1.58	0.92 No	0.3	Element Fault
RLK071	807	'120297872_/_7407146_1'	0.43	0.83	3.33	0.688	0.5	1.62	0.92 No	0.43	Primary Over-Voltage
RLK071	808	'8356937_/_8356934'	0.67	0.9	3.33	0.688	0.1	1.58	0.92 No	0.1	Element Fault
RLK071	809	'481505125_/_481505122'	1.8	2.7	10	2.056	0.5	4.73	2.75 No	0.5	Element Fault
RLK071	810	'5593552_/_5593549'	0.67	0.9	3.33	0.688	0.3	1.57	0.92 No	0.3	Element Fault
RLK071	811	'5581846_/_5581844'	1.8	2.7	10	2.056	1	4.73	2.75 No	1	Element Fault
RLK071	812	'38040786_/_9060369'	0.73	0.87	3.33	0.688	0.5	1.51	0.92 No	0.5	Element Fault
RLK071	813	'404716782_/_38040783'	0.73	0.87	3.33	0.688	0.5	1.51	0.92 No	0.5	Element Fault
RLK071	814	'404716783_/_404716780'	0.73	0.87	3.33	0.688	0.5	1.51	0.92 No	0.5	Element Fault
RLK071	815	'38040814_/_38040811'	0.73	0.87	3.33	0.688	0.5	1.51	0.92 No	0.5	Element Fault
RLK071	816	'38040800_/_38040797'	0.73	0.87	3.33	0.688	0.5	1.51	0.92 No	0.5	Element Fault
RLK071	817	'389920520_/_437766468_1'	1.9	2.5	10	2.056	2.5	4.54	2.75 No	1.9	Primary Over-Voltage
RLK071	818	'5594374_/_5594371'	0.63	0.93	3.33	0.688	0.5	1.56	0.92 No	0.5	Element Fault
RLK071	819	'8357615_/_9611681_1'	0.63	0.93	3.33	0.688	0.3	1.55	0.92 No	0.3	Element Fault
RLK071	820	'9376132_/_9376130'	0.73	0.83	3.33	0.688	0.5	1.5	0.92 No	0.5	Element Fault
RLK071	821	'8712461_/_8712458'	1.2	1.73	6.67	1.368	1	3.05	1.83 No	1	Element Fault
RLK071	822	'5581566_/_5581580'	1.8	2.6	10	2.056	4.8	4.65	2.75 No	1.8	Primary Over-Voltage
RLK071	823	'5594387_/_5594384'	0.6	0.9	3.33	0.688	0.5	1.54	0.92 No	0.5	Element Fault
RLK071	824	'7452301_/_270118778'	0.67	0.9	3.33	0.688	0.5	1.34	0.92 No	0.5	Element Fault
RLK071	825	'102004335_/_102006584'	0.6	0.9	3.33	0.688	0.5	1.55	0.92 No	0.5	Element Fault
RLK071	826	'7099284_/_7099281'	0.6	0.9	3.33	0.688	0.5	1.54	0.92 No	0.5	Element Fault
RLK071	827	'8984751_/_8984749_1'	0.6	0.9	3.33	0.688	0.3	1.54	0.92 No	0.3	Element Fault
RLK071	828	'5590816_/_5590814'	1.8	2.6	10	2.056	1	4.63	2.75 No	1	Element Fault
RLK071	829	'456851741_/_399542044_2'	0.73	0.83	3.33	0.688	0.5	1.49	0.92 No	0.5	Element Fault
RLK071	830	'472513661_/_472513674'	0.73	0.83	3.33	0.688	0.5	1.49	0.92 No	0.5	Element Fault
RLK071	831	'5593565_/_5593562'	0.67	0.87	3.33	0.688	0.3	1.53	0.92 No	0.3	Element Fault
RLK071	832	'6508082_/_399542044_1'	0.73	0.83	3.33	0.688	0.3	1.48	0.92 No	0.3	Element Fault
RLK071	833	'6612986_/_6612984'	0.6	0.9	3.33	0.688	0.5	1.53	0.92 No	0.5	Element Fault
RLK071	834	'43741115_/_5580035'	0.67	0.87	3.33	0.688	0.3	1.53	0.92 No	0.3	Element Fault
RLK071	835	'5568485_/_5581563'	1.7	2.6	10	2.056	4.8	4.57	2.75 No	1.7	Primary Over-Voltage
RLK071	836	'102004300_/_102004346'	0.6	0.9	3.33	0.688	0.5	1.52	0.92 No	0.5	Element Fault
RLK071	837	'5568486_/_5568496_1'	0.57	0.87	3.33	0.688	0.3	1.52	0.92 No	0.3	Element Fault
RLK071	838	'5581474_/_5581471'	1.13	1.73	6.67	1.368	2.4	3.04	1.83 No	1.13	Primary Over-Voltage
RLK071	839	'5590871_/_5590868'	1.7	2.6	10	2.056	1	4.56	2.75 No	1	Element Fault
RLK071	840	'102004017_/_102004028_2'	0.6	0.87	3.33	0.688	0.3	1.51	0.92 No	0.3	Element Fault
RLK071	841	'7452281_/_270118761'	0.63	0.87	3.33	0.688	0.5	1.31	0.92 No	0.5	Element Fault
RLK071	842	'9300320_/_9611681_2'	0.6	0.87	3.33	0.688	0.3	1.5	0.92 No	0.3	Element Fault
RLK071	843	'8984767_/_7407194_1'	0.53	0.83	3.33	0.688	0.3	1.49	0.92 No	0.3	Element Fault
RLK071	844	'7766084_/_9688574'	0.7	0.8	3.33	0.688	0.5	1.45	0.92 No	0.5	Element Fault
RLK071	845	'8043142_/_8043140'	0.57	0.87	3.33	0.688	0.5	1.49	0.92 No	0.5	Element Fault
RLK071	846	'5590888_/_5590905'	1.7	2.5	10	2.056	1	4.49	2.75 No	1	Element Fault
RLK071	847	'43744056_/_5594410'	0.6	0.87	3.33	0.688	0.5	1.48	0.92 No	0.5	Element Fault
RLK071	848	'5580051_/_5580048'	0.67	0.83	3.33	0.688	0.3	1.49	0.92 No	0.3	Element Fault
RLK071	849	'6607088_/_7099122'	1.7	2.5	10	2.056	4.8	4.46	2.75 No	1.7	Primary Over-Voltage
RLK071	850	'8043955_/_8984749_2'	0.57	0.87	3.33	0.688	0.3	1.48	0.92 No	0.3	Element Fault
RLK071	851	'8043303_/_8043300'	0.5	0.9	3.33	0.688	0.3	1.51	0.92 No	0.3	Element Fault
RLK071	852	'43743001_/_5586409'	0.5	0.9	3.33	0.688	0.9	1.54	0.92 No	0.5	Primary Over-Voltage
RLK071	853	'5568499_/_5568496_2'	0.57	0.83	3.33	0.688	0.3	1.48	0.92 No	0.3	Element Fault
RLK071	854	'6508081_/_6508079'	0.7	0.8	3.33	0.688	0.3	1.43	0.92 No	0.3	Element Fault
RLK071	855	'43930905_/_6508092'	0.7	0.8	3.33	0.688	0.3	1.43	0.92 No	0.3	Element Fault
RLK071	856	'7765626_/_270118806'	0.63	0.87	3.33	0.688	0.5	1.29	0.92 No	0.5	Element Fault
RLK071	857	'6615750_/_6615760'	0.57	0.87	3.33	0.688	0.5	1.47	0.92 No	0.5	Element Fault
RLK071	858	'7765609_/_9658908'	1.13	1.6	6.67	1.368	1	2.9	1.83 No	1	Element Fault
RLK071	859	'85902175_/_700721106_1'	1.13	1.6	6.67	1.368	1	2.89	1.83 No	1	Element Fault
RLK071	860	'5581489_/_5581486'	1.13	1.67	6.67	1.368	2.4	2.93	1.83 No	1.13	Primary Over-Voltage
RLK071	861	'5590833_/_43743572'	1.7	2.5	10	2.056	1	4.4	2.75 No	1	Element Fault
RLK071	862	'6607071_/_6607085'	1.7	2.5	10	2.056	4.8	4.38	2.75 No	1.7	Primary Over-Voltage
RLK071	863	'5594764_/_5594761'	0.67	0.83	3.33	0.688	0.3	1.45	0.92 No	0.3	Element Fault
RLK071	864	'7765625_/_270118795'	0.63	0.87	3.33	0.688	0.5	1.27	0.92 No	0.5	Element Fault
RLK071	865	'7452811_/_7452808'	0.67	0.8	3.33	0.688	0.5	1.41	0.92 No	0.5	Element Fault
RLK071	866	'6506427_/_6516563'	0.67	0.8	3.33	0.688	0.3	1.4	0.92 No	0.3	Element Fault
RLK071	867	'5582139_/_5582149'	0.57	0.8	3.33	0.688	0.3	1.44	0.92 No	0.3	Element Fault
RLK071	868	'544781674_/_43953703'	0.57	0.8	3.33	0.688	0.3	1.44	0.92 No	0.3	Element Fault
RLK071	869	'6607054_/_6607068'	1.6	2.4	10	2.056	4.8	4.32	2.75 No	1.6	Primary Over-Voltage
RLK071	870	'5590834_/_5590831'	1.6	2.4	10	2.056	1	4.33	2.75 No	1	Element Fault
RLK071	871	'8712905_/_270118840'	0.63	0.87	3.33	0.688	0.5	1.26	0.92 No	0.5	Element Fault
RLK071	872	'6508111_/_6508108'	0.67	0.77	3.33	0.688	0.3	1.38	0.92 No	0.3	Element Fault
RLK071	873	'5594360_/_5594397'	0.57	0.83	3.33	0.688	0.5	1.42	0.92 No	0.5	Element Fault
RLK071	874	'102004055_/_102004066'	0.57	0.83	3.33	0.688	0.3	1.43	0.92 No	0.3	Element Fault
RLK071	875	'43930190_/_43930192'	0.67	0.77	3.33	0.688	0.3	1.37	0.92 No	0.3	Element Fault
RLK071	876	'400456325_/_400456362'	0.8	0.8	3.33	0.688	0.8	1.24	0.92 No	0.688	Thermal Discharging
RLK071	877	'43953431_/_43953433'	0.53	0.83	3.33	0.688	0.5	1.41	0.92 No	0.5	Element Fault
RLK071	878	'7407149_/_9299882'	0.43	0.83	3.33	0.688	0.5	1.45	0.92 No	0.43	Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RLK071	879	'5586424_/_43743003'		0.47	0.83	3.33	0.688	0.9	1.46	0.92 No	0.47 Primary Over-Voltage
RLK071	880	'9031146_/_270118829'		0.6	0.87	3.33	0.688	0.5	1.24	0.92 No	0.5 Element Fault
RLK071	881	'5590851_/_5590848'		1.6	2.4	10	2.056	1	4.25	2.75 No	1 Element Fault
RLK071	882	'7407197_/_8043952'		0.53	0.83	3.33	0.688	0.3	1.4	0.92 No	0.3 Element Fault
RLK071	883	'6506428_/_6506425'		0.63	0.77	3.33	0.688	0.3	1.36	0.92 No	0.3 Element Fault
RLK071	884	'5582123_/_5582136'		0.57	0.8	3.33	0.688	0.3	1.41	0.92 No	0.3 Element Fault
RLK071	885	'43741584_/_5582162'		0.57	0.8	3.33	0.688	0.3	1.4	0.92 No	0.3 Element Fault
RLK071	886	'43952546_/_43952548'		1.6	2.4	10	2.056	4.8	4.21	2.75 No	1.6 Primary Over-Voltage
RLK071	887	'5581504_/_5581501'		1.07	1.6	6.67	1.368	2.4	2.8	1.83 No	1.07 Primary Over-Voltage
RLK071	888	'6508124_/_43930918'		0.63	0.77	3.33	0.688	0.3	1.35	0.92 No	0.3 Element Fault
RLK071	889	'6505988_/_6506001'		0.63	0.77	3.33	0.688	0.3	1.34	0.92 No	0.3 Element Fault
RLK071	890	'5582178_/_5582175'		0.57	0.77	3.33	0.688	0.3	1.38	0.92 No	0.3 Element Fault
RLK071	891	'6506441_/_6506438'		0.63	0.73	3.33	0.688	0.3	1.33	0.92 No	0.3 Element Fault
RLK071	892	'43952559_/_43952561'		1.5	2.3	10	2.056	4.8	4.13	2.75 No	1.5 Primary Over-Voltage
RLK071	893	'6615721_/_6615731'		0.53	0.8	3.33	0.688	0.5	1.37	0.92 No	0.5 Element Fault
RLK071	894	'5584455_/_5594358'		0.53	0.8	3.33	0.688	0.5	1.36	0.92 No	0.5 Element Fault
RLK071	895	'5582122_/_5582120'		0.57	0.77	3.33	0.688	0.3	1.37	0.92 No	0.3 Element Fault
RLK071	896	'6607017_/_6607014_2'		1.5	2.3	10	2.056	3.3	4.1	2.75 No	1.5 Primary Over-Voltage
RLK071	897	'6615708_/_6615718'		0.53	0.8	3.33	0.688	0.5	1.36	0.92 No	0.5 Element Fault
RLK071	898	'43930201_/_6505985'		0.63	0.73	3.33	0.688	0.3	1.31	0.92 No	0.3 Element Fault
RLK071	899	'5581519_/_5581516'		1	1.53	6.67	1.368	2.4	2.71	1.83 No	1 Primary Over-Voltage
RLK071	900	'43743012_/_5586422'		0.43	0.8	3.33	0.688	0.9	1.39	0.92 No	0.43 Primary Over-Voltage
RLK071	901	'102004265_/_102004311'		0.5	0.8	3.33	0.688	0.5	1.35	0.92 No	0.5 Primary Over-Voltage
RLK071	902	'7884887_/_8087451'		0.6	0.73	3.33	0.688	0.5	1.31	0.92 No	0.5 Element Fault
RLK071	903	'5582191_/_5582188'		0.57	0.77	3.33	0.688	0.3	1.34	0.92 No	0.3 Element Fault
RLK071	904	'6607016_/_6607014_1'		1.5	2.3	10	2.056	0.9	4.02	2.75 No	0.9 Element Fault
RLK071	905	'102004090_/_102004101'		0.5	0.77	3.33	0.688	0.3	1.33	0.92 No	0.3 Element Fault
RLK071	906	'43742316_/_5584453'		0.5	0.77	3.33	0.688	0.5	1.32	0.92 No	0.5 Primary Over-Voltage
RLK071	907	'5580403_/_5582247'		1	1.47	6.67	1.368	2.4	2.65	1.83 No	1 Primary Over-Voltage
RLK071	908	'6615695_/_6615705'		0.5	0.77	3.33	0.688	0.5	1.31	0.92 No	0.5 Primary Over-Voltage
RLK071	909	'102004125_/_102004136'		0.5	0.77	3.33	0.688	0.3	1.31	0.92 No	0.3 Element Fault
RLK071	910	'6505959_/_6505972'		0.6	0.7	3.33	0.688	0.3	1.27	0.92 No	0.3 Element Fault
RLK071	911	'6607108_/_6607105'		0.5	0.73	3.33	0.688	0.3	1.31	0.92 No	0.3 Element Fault
RLK071	912	'6607159_/_6607157'		1.4	2.2	10	2.056	0.9	3.91	2.75 No	0.9 Element Fault
RLK071	913	'5584456_/_43742318'		0.5	0.77	3.33	0.688	0.5	1.28	0.92 No	0.5 Primary Over-Voltage
RLK071	914	'43741183_/_5580401'		0.93	1.47	6.67	1.368	2.4	2.58	1.83 No	0.93 Primary Over-Voltage
RLK071	915	'43953993_/_6615773'		0.5	0.77	3.33	0.688	0.5	1.28	0.92 No	0.5 Primary Over-Voltage
RLK071	916	'43952572_/_6607118'		0.5	0.73	3.33	0.688	0.3	1.29	0.92 No	0.3 Element Fault
RLK071	917	'43743023_/_43743014'		0.43	0.77	3.33	0.688	0.9	1.32	0.92 No	0.43 Primary Over-Voltage
RLK071	918	'6615682_/_6615692'		0.5	0.73	3.33	0.688	0.5	1.28	0.92 No	0.5 Primary Over-Voltage
RLK071	919	'9659212_/_9659210'		0.57	0.7	3.33	0.688	0.5	1.24	0.92 No	0.5 Element Fault
RLK071	920	'6505946_/_6505956'		0.57	0.7	3.33	0.688	0.3	1.23	0.92 No	0.3 Element Fault
RLK071	921	'6615776_/_43953995'		0.47	0.73	3.33	0.688	0.5	1.26	0.92 No	0.47 Primary Over-Voltage
RLK071	922	'43954118_/_43954120'		1.4	2.1	10	2.056	0.9	3.8	2.75 No	0.9 Element Fault
RLK071	923	'43741196_/_43741185'		0.93	1.4	6.67	1.368	2.3	2.51	1.83 No	0.93 Primary Over-Voltage
RLK071	924	'437766345_/_437766342'		0.53	0.63	3.33	0.688	0.5	1.12	0.92 No	0.5 Element Fault
RLK071	925	'437766353_/_437766350'		0.53	0.63	3.33	0.688	0.5	1.12	0.92 No	0.5 Element Fault
RLK071	926	'6607134_/_43952574'		0.5	0.7	3.33	0.688	0.3	1.25	0.92 No	0.3 Element Fault
RLK071	927	'437766329_/_437766423'		0.6	0.7	3.33	0.688	0.8	1.12	0.92 No	0.6 Primary Over-Voltage
RLK071	928	'437766328_/_437766326'		0.53	0.63	3.33	0.688	0.5	1.12	0.92 No	0.5 Element Fault
RLK071	929	'102006249_/_102004171'		0.47	0.73	3.33	0.688	0.3	1.24	0.92 No	0.3 Element Fault
RLK071	930	'43953960_/_43953962'		0.47	0.73	3.33	0.688	0.5	1.24	0.92 No	0.47 Primary Over-Voltage
RLK071	931	'6615681_/_6615679'		0.47	0.73	3.33	0.688	0.5	1.24	0.92 No	0.47 Primary Over-Voltage
RLK071	932	'5586454_/_43743025'		0.4	0.73	3.33	0.688	0.9	1.27	0.92 No	0.4 Primary Over-Voltage
RLK071	933	'43930212_/_6505943'		0.57	0.67	3.33	0.688	0.3	1.2	0.92 No	0.3 Element Fault
RLK071	934	'437766462_/_437766508'		0.57	0.7	3.33	0.688	0.8	1.11	0.92 No	0.57 Primary Over-Voltage
RLK071	935	'5568472_/_5586477'		0.4	0.73	3.33	0.688	0.9	1.26	0.92 No	0.4 Primary Over-Voltage
RLK071	936	'102004230_/_102004276'		0.47	0.7	3.33	0.688	0.5	1.23	0.92 No	0.47 Primary Over-Voltage
RLK071	937	'43952583_/_6616470'		1.4	2.1	10	2.056	0.9	3.69	2.75 No	0.9 Element Fault
RLK071	938	'5580437_/_5580434'		0.93	1.4	6.67	1.368	2.3	2.45	1.83 No	0.93 Primary Over-Voltage
RLK071	939	'5586467_/_5586464'		0.4	0.73	3.33	0.688	0.9	1.24	0.92 No	0.4 Primary Over-Voltage
RLK071	940	'6506017_/_43930214'		0.57	0.67	3.33	0.688	0.3	1.18	0.92 No	0.3 Element Fault
RLK071	941	'6607147_/_6607144'		0.5	0.7	3.33	0.688	0.3	1.21	0.92 No	0.3 Element Fault
RLK071	942	'6607626_/_6607640'		1.3	2	10	2.056	0.9	3.61	2.75 No	0.9 Element Fault
RLK071	943	'43743034_/_5568470'		0.4	0.7	3.33	0.688	0.9	1.22	0.92 No	0.4 Primary Over-Voltage
RLK071	944	'43741219_/_5580447'		0.87	1.33	6.67	1.368	2.3	2.38	1.83 No	0.87 Primary Over-Voltage
RLK071	945	'102004160_/_102006238'		0.43	0.7	3.33	0.688	0.3	1.18	0.92 No	0.3 Element Fault
RLK071	946	'5568457_/_43743036'		0.37	0.7	3.33	0.688	0.3	1.21	0.92 No	0.3 Element Fault
RLK071	947	'6620698_/_6620695'		0.5	0.67	3.33	0.688	0.3	1.18	0.92 No	0.3 Element Fault
RLK071	948	'6607609_/_6607623'		1.3	2	10	2.056	0.9	3.53	2.75 No	0.9 Element Fault
RLK071	949	'6506033_/_6506030'		0.53	0.63	3.33	0.688	0.3	1.14	0.92 No	0.3 Element Fault
RLK071	950	'5580463_/_43741221'		0.87	1.33	6.67	1.368	2.3	2.32	1.83 No	0.87 Primary Over-Voltage
RLK071	951	'7406817_/_7406814'		0.37	0.7	3.33	0.688	0.3	1.18	0.92 No	0.3 Element Fault
RLK071	952	'6607663_/_6607660'		0.43	0.67	3.33	0.688	0.3	1.16	0.92 No	0.3 Element Fault
RLK071	953	'102004195_/_102004206'		0.43	0.67	3.33	0.688	0.3	1.15	0.92 No	0.3 Element Fault
RLK071	954	'6607608_/_6607606'		1.3	1.9	10	2.056	0.9	3.45	2.75 No	0.9 Element Fault
RLK071	955	'7099375_/_7099372'		0.5	0.63	3.33	0.688	0.3	1.15	0.92 No	0.3 Element Fault
RLK071	956	'6612971_/_6612968'		0.43	0.63	3.33	0.688	0.3	1.14	0.92 No	0.3 Element Fault
RLK071	957	'437766337_/_437766534'		0.5	0.63	3.33	0.688	0.5	1.12	0.92 No	0.5 Primary Over-Voltage
RLK071	958	'102006469_/_102004241_1'		0.43	0.67	3.33	0.688	0.5	1.14	0.92 No	0.43 Primary Over-Voltage
RLK071	959	'6506215_/_6506212'		0.5	0.63	3.33	0.688	0.3	1.11	0.92 No	0.3 Element Fault
RLK071	960	'6617914_/_6617912'		0.43	0.63	3.33	0.688	0.3	1.13	0.92 No	0.3 Element Fault
RLK071	961	'43741230_/_5580473'		0.8	1.27	6.67	1.368	2.3	2.25	1.83 No	0.8 Primary Over-Voltage
RLK071	962	'8984303_/_9300014'		0.37	0.67	3.33	0.688	0.3	1.15	0.92 No	0.3 Element Fault
RLK071	963	'43954094_/_43954096'		1.2	1.9	10	2.056	0.9	3.38	2.75 No	0.9 Element Fault
RLK071	964	'8984304_/_8984301'		0.37	0.67	3.33	0.688	0.3	1.13	0.92 No	0.3 Element Fault
RLK071	965	'5580489_/_43741232'		0.8	1.27	6.67	1.368	2.3	2.21	1.83 No	0.8 Primary Over-Voltage
RLK071	966	'6617928_/_6619070'		0.43	0.63	3.33	0.688	0.3	1.1	0.92 No	0.3 Element Fault
RLK071	967	'43952673_/_43952675'		1.2	1.9	10	2.056	0.9	3.31	2.75 No	0.9 Element Fault
RLK071	968	'5580502_/_5580499'		0.8	1.2	6.67	1.368	2.3	2.17	1.83 No	0.8 Primary Over-Voltage
RLK071	969	'6617927_/_6617925'		0.43	0.6	3.33	0.688	0.3	1.08	0.92 No	0.3 Element Fault
RLK071	970	'6607575_/_6607589'		1.2	1.8	10	2.056	0.9	3.23	2.75 No	0.9 Element Fault
RLK071	971	'5580518_/_5580515'		0.8	1.2	6.67	1.368	2.3	2.14	1.83 No	0.8 Primary Over-Voltage
RLK071	972	'6607574_/_6607572'		1.1	1.8	10	2.056	0.9	3.17	2.75 No	0.9 Element Fault

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RLK071	973	'43954555_/_43954557'	1.1	1.7	10	2.056	0.9	3.11	2.75 No	0.9	Element Fault
RLK071	974	'6622926_/_6622924'	1.1	1.7	10	2.056	0.9	3.06	2.75 No	0.9	Element Fault
RLK071	975	'6622964_/_6622978'	1.1	1.7	10	2.056	0.9	3.03	2.75 No	0.9	Element Fault
RLK072	0	'RLK072_/_7904463'	10	10	10	1.064	10	10	5.27 No	1.064	Thermal Discharging
RLK072	1	'114599774_/_7904463'	10	10	10	1.064	10	10	5.27 No	1.064	Thermal Discharging
RLK072	2	'7270316_/_7270313'	10	10	10	1.064	10	10	5.27 No	1.064	Thermal Discharging
RLK072	3	'7800271_/_9476440'	10	10	10	1.064	10	10	5.27 No	1.064	Thermal Discharging
RLK072	4	'7800231_/_7800269'	10	10	10	1.064	10	10	5.27 No	1.064	Thermal Discharging
RLK072	5	'499949778_/_7800229_1'	10	10	10	1.064	10	10	5.27 No	1.064	Thermal Discharging
RLK072	6	'3644004_/_7800229_2'	10	10	10	1.064	10	10	5.27 No	1.064	Thermal Discharging
RLK072	7	'3657786_/_3657783'	10	10	10	1.064	10	10	5.27 No	1.064	Thermal Discharging
RLK072	8	'3657739_/_3657752_1'	3.33	3.33	3.33	0.352	0.5	3.33	1.76 No	0.352	Thermal Discharging
RLK072	9	'7270390_/_9164583'	3.33	3.33	3.33	0.352	1.7	3.33	1.76 No	0.352	Thermal Discharging
RLK072	10	'3657767_/_3657803'	10	10	10	1.064	10	10	5.27 No	1.064	Thermal Discharging
RLK072	11	'3633136_/_3657820'	10	10	10	1.064	10	10	5.27 No	1.064	Thermal Discharging
RLK072	12	'3633091_/_3640442'	10	10	10	1.064	10	10	5.27 No	1.064	Thermal Discharging
RLK072	13	'3633137_/_3668633_1'	3.33	3.33	3.33	0.352	0.5	3.33	1.76 No	0.352	Thermal Discharging
RLK072	14	'420342426_/_3640459'	10	10	10	1.064	10	10	5.27 No	1.064	Thermal Discharging
RLK072	15	'3595492_/_420342462'	10	10	10	1.064	10	10	5.27 No	1.064	Thermal Discharging
RLK072	16	'421563004_/_3595506_1'	10	10	10	1.064	10	10	5.27 No	1.064	Thermal Discharging
RLK072	17	'3633078_/_3633075_2'	3.33	3.33	3.33	0.352	0.9	3.33	1.76 No	0.352	Thermal Discharging
RLK072	18	'3657768_/_3657765'	6.67	6.67	6.67	0.704	3.2	6.67	3.52 No	0.704	Thermal Discharging
RLK072	19	'3595509_/_3595506_2'	10	10	10	1.064	10	10	5.27 No	1.064	Thermal Discharging
RLK072	20	'469903370_/_3668698_1'	6.67	6.67	6.67	0.704	1.6	6.67	3.52 No	0.704	Thermal Discharging
RLK072	21	'421562851_/_3648272'	10	10	10	1.064	10	10	5.27 No	1.064	Thermal Discharging
RLK072	22	'3648275_/_421562853'	10	10	10	1.064	10	10	5.27 No	1.064	Thermal Discharging
RLK072	23	'43359334_/_3667901'	10	10	10	1.064	10	10	5.27 No	1.064	Thermal Discharging
RLK072	24	'3657755_/_3657752_2'	3.33	3.33	3.33	0.352	0.5	3.33	1.76 No	0.352	Thermal Discharging
RLK072	25	'421562929_/_421562900_1'	3.33	3.33	3.33	0.352	0.8	3.33	1.76 No	0.352	Thermal Discharging
RLK072	26	'3648292_/_43359336'	10	10	10	1.064	10	10	5.27 No	1.064	Thermal Discharging
RLK072	27	'8846722_/_9475134_1'	3.33	3.33	3.33	0.352	0.5	3.33	1.76 No	0.352	Thermal Discharging
RLK072	28	'43356318_/_3648289'	10	10	10	1.064	10	10	5.27 No	1.064	Thermal Discharging
RLK072	29	'3595546_/_3595560'	10	10	10	1.064	10	10	5.27 No	1.064	Thermal Discharging
RLK072	30	'3595525_/_3595543'	10	10	10	1.064	10	10	5.27 No	1.064	Thermal Discharging
RLK072	31	'3633416_/_3633413_2'	10	10	10	1.064	4.9	10	5.27 No	1.064	Thermal Discharging
RLK072	32	'421562903_/_421562900_2'	3.33	3.33	3.33	0.352	0.8	3.33	1.76 No	0.352	Thermal Discharging
RLK072	33	'3595526_/_3595523'	10	10	10	1.064	10	10	5.27 No	1.064	Thermal Discharging
RLK072	34	'7270389_/_7270387'	3.33	3.33	3.33	0.352	0.5	3.33	1.76 No	0.352	Thermal Discharging
RLK072	35	'3668526_/_3668698_2'	6.67	6.67	6.67	0.704	1.6	6.67	3.52 No	0.704	Thermal Discharging
RLK072	36	'3633533_/_3633543_1'	3.33	3.33	3.33	0.352	0.5	3.33	1.76 No	0.352	Thermal Discharging
RLK072	37	'3595583_/_3595580'	10	10	10	1.064	10	10	5.27 No	1.064	Thermal Discharging
RLK072	38	'3595600_/_3595597'	10	10	10	1.064	10	10	5.27 No	1.064	Thermal Discharging
RLK072	39	'3633065_/_3633075_1'	3.33	3.33	3.33	0.352	0.5	3.33	1.76 No	0.352	Thermal Discharging
RLK072	40	'3595617_/_3595614'	10	10	10	1.064	10	10	5.27 No	1.064	Thermal Discharging
RLK072	41	'3633399_/_3633413_1'	10	10	10	1.064	1.7	10	5.27 No	1.064	Thermal Discharging
RLK072	42	'3595634_/_3595631'	10	10	10	1.064	10	10	5.27 No	1.064	Thermal Discharging
RLK072	43	'3595651_/_3595648'	10	10	10	1.064	10	10	5.27 No	1.064	Thermal Discharging
RLK072	44	'3668347_/_3668633_2'	3.33	3.33	3.33	0.352	0.5	3.33	1.76 No	0.352	Thermal Discharging
RLK072	45	'3668361_/_421562916'	3.33	3.33	3.33	0.352	0.8	3.33	1.76 No	0.352	Thermal Discharging
RLK072	46	'3595668_/_3595665'	10	10	10	1.064	10	10	5.27 No	1.064	Thermal Discharging
RLK072	47	'43356344_/_3595733'	10	10	10	1.064	10	10	5.27 No	1.064	Thermal Discharging
RLK072	48	'3668719_/_3668742'	6.67	6.67	6.67	0.704	1.6	6.67	3.52 No	0.704	Thermal Discharging
RLK072	49	'3633546_/_3633543_2'	3.33	3.33	3.33	0.352	0.5	3.33	1.76 No	0.352	Thermal Discharging
RLK072	50	'43356407_/_3633118'	3.33	3.33	3.33	0.352	0.5	3.33	1.76 No	0.352	Thermal Discharging
RLK072	51	'3633121_/_43356409'	3.33	3.33	3.33	0.352	0.5	3.33	1.76 No	0.352	Thermal Discharging
RLK072	52	'7587028_/_8219582'	3.33	3.33	3.33	0.352	0.5	3.33	1.76 No	0.352	Thermal Discharging
RLK072	53	'3595685_/_3595682'	10	10	10	1.064	10	10	5.27 No	1.064	Thermal Discharging
RLK072	54	'43356331_/_3595699'	10	10	10	1.064	10	10	5.27 No	1.064	Thermal Discharging
RLK072	55	'3633382_/_3633396'	10	10	10	1.064	1.7	10	5.27 No	1.064	Thermal Discharging
RLK072	56	'3595719_/_3595716'	10	10	10	1.064	10	10	5.27 No	1.064	Thermal Discharging
RLK072	57	'435072697_/_9475134_2'	3.33	3.33	3.33	0.352	0.5	3.33	1.76 No	0.352	Thermal Discharging
RLK072	58	'3633491_/_3633501_1'	3.33	3.33	3.33	0.352	0.3	3.33	1.76 No	0.3	Element Fault
RLK072	59	'3668779_/_3668776'	6.67	6.67	6.67	0.704	1.6	6.67	3.52 No	0.704	Thermal Discharging
RLK072	60	'3640585_/_3640582'	10	10	10	1.064	10	10	5.27 No	1.064	Thermal Discharging
RLK072	61	'3640622_/_3640642_1'	10	10	10	1.064	2.4	10	5.27 No	1.064	Thermal Discharging
RLK072	62	'8163136_/_8163133_2'	10	10	10	1.064	5.9	10	5.27 No	1.064	Thermal Discharging
RLK072	63	'43356381_/_3640599'	10	10	10	1.064	10	10	5.27 No	1.064	Thermal Discharging
RLK072	64	'43356451_/_36688345'	3.33	3.33	3.33	0.352	0.5	3.33	1.76 No	0.352	Thermal Discharging
RLK072	65	'551174035_/_551174032'	10	10	10	1.064	10	10	5.27 No	1.064	Thermal Discharging
RLK072	66	'551174053_/_551174050'	10	10	10	1.064	10	10	5.27 No	1.064	Thermal Discharging
RLK072	67	'585472341_/_563414986_1'	3.33	3.33	3.33	0.352	0.5	3.33	1.76 No	0.352	Thermal Discharging
RLK072	68	'551174074_/_551174082_1'	10	10	10	1.064	10	10	5.27 No	1.064	Thermal Discharging
RLK072	69	'43356394_/_43356370'	10	10	10	1.064	10	10	5.27 No	1.064	Thermal Discharging
RLK072	70	'3668305_/_3668729'	3.33	3.33	3.33	0.352	0.8	3.33	1.76 No	0.352	Thermal Discharging
RLK072	71	'7587027_/_7587025'	3.33	3.33	3.33	0.352	0.5	3.33	1.76 No	0.352	Thermal Discharging
RLK072	72	'563414970_/_563414986_2'	3.33	3.33	3.33	0.352	0.5	3.33	1.76 No	0.352	Thermal Discharging
RLK072	73	'3595769_/_43356396'	10	10	10	1.064	10	10	5.27 No	1.064	Thermal Discharging
RLK072	74	'3633365_/_3633379'	10	10	10	1.064	1.7	10	5.27 No	1.064	Thermal Discharging
RLK072	75	'43356462_/_3668375'	3.33	3.33	3.33	0.352	0.8	3.33	1.76 No	0.352	Thermal Discharging
RLK072	76	'3668794_/_3668791'	6.67	6.67	6.67	0.704	1.6	6.67	3.52 No	0.704	Thermal Discharging
RLK072	77	'3595770_/_3595767'	10	10	10	1.064	10	10	5.27 No	1.064	Thermal Discharging
RLK072	78	'9162607_/_435072722'	3.33	3.33	3.33	0.352	0.5	3.33	1.76 No	0.352	Thermal Discharging
RLK072	79	'3668293_/_3668716'	3.33	3.33	3.33	0.352	0.8	3.33	1.76 No	0.352	Thermal Discharging
RLK072	80	'3633504_/_3633501_2'	3.33	3.33	3.33	0.352	0.3	3.33	1.76 No	0.3	Element Fault
RLK072	81	'3668348_/_43356453'	3.33	3.33	3.33	0.352	0.5	3.33	1.76 No	0.352	Thermal Discharging
RLK072	82	'3595878_/_3595875'	10	10	10	1.064	10	10	5.27 No	1.064	Thermal Discharging
RLK072	83	'3595894_/_3595892'	10	10	10	1.064	10	10	5.27 No	1.064	Thermal Discharging
RLK072	84	'3640645_/_3640642_2'	10	10	10	1.064	2.4	10	5.27 No	1.064	Thermal Discharging
RLK072	85	'3595915_/_3595912'	10	10	10	1.064	10	10	5.27 No	1.064	Thermal Discharging
RLK072	86	'3633348_/_3633362'	10	10	10	1.064	1.7	10	5.27 No	1.064	Thermal Discharging
RLK072	87	'3649082_/_3668822'	3.33	3.33	3.33	0.352	0.8	3.33	1.76 No	0.352	Thermal Discharging
RLK072	88	'3668939_/_3669161'	3.33	3.33	3.33	0.352	0.8	3.33	1.76 No	0.352	Thermal Discharging
RLK072	89	'43356357_/_3668264'	3.33	3.33	3.33	0.352	0.5	3.33	1.76 No	0.352	Thermal Discharging
RLK072	90	'3595932_/_3595929'	10	10	10	1.064	10	10	5.27 No	1.064	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over- Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RLK072	91	'3633462_/_3633475_1'		3.33	3.33	3.33	0.352	0.3	3.33	1.76 No	0.3 Element Fault
RLK072	92	'43356429_/_3668303'		3.33	3.33	3.33	0.352	0.8	3.33	1.76 No	0.352 Thermal Discharging
RLK072	93	'43356294_/_43356296'		3.33	3.33	3.33	0.352	0.5	3.33	1.76 No	0.352 Thermal Discharging
RLK072	94	'43356767_/_3641647'		10	10	10	1.064	10	10	5.27 No	1.064 Thermal Discharging
RLK072	95	'43356740_/_43356769'		10	10	10	1.064	10	10	5.27 No	1.064 Thermal Discharging
RLK072	96	'3633520_/_3633517'		3.33	3.33	3.33	0.352	0.3	3.33	1.76 No	0.3 Element Fault
RLK072	97	'43356418_/_3668290'		3.33	3.33	3.33	0.352	0.8	3.33	1.76 No	0.352 Thermal Discharging
RLK072	98	'43356754_/_43356742'		10	10	10	1.064	10	10	5.27 No	1.064 Thermal Discharging
RLK072	99	'3668835_/_3668937'		3.33	3.33	3.33	0.352	0.8	3.33	1.76 No	0.352 Thermal Discharging
RLK072	100	'3649071_/_3649079'		3.33	3.33	3.33	0.352	0.8	3.33	1.76 No	0.352 Thermal Discharging
RLK072	101	'3633331_/_3633345'		10	10	10	1.064	1.7	10	5.27 No	1.064 Thermal Discharging
RLK072	102	'3668398_/_3668395'		3.33	3.33	3.33	0.352	0.8	3.33	1.76 No	0.352 Thermal Discharging
RLK072	103	'3640662_/_3640659'		10	10	10	1.064	2.4	10	5.27 No	1.064 Thermal Discharging
RLK072	104	'37688120_/_8163133_1'		10	10	10	1.064	2.1	10	5.27 No	1.064 Thermal Discharging
RLK072	105	'37688113_/_37688117'		10	10	10	1.064	2.1	10	5.27 No	1.064 Thermal Discharging
RLK072	106	'7902976_/_7903249_1'		3.33	3.33	3.33	0.352	0.5	3.33	1.76 No	0.352 Thermal Discharging
RLK072	107	'400091562_/_37688110_2'		10	10	10	1.064	2.1	10	5.27 No	1.064 Thermal Discharging
RLK072	108	'400091556_/_400091553'		10	10	10	1.064	2.1	10	5.27 No	1.064 Thermal Discharging
RLK072	109	'400091563_/_400091560'		10	10	10	1.064	2.1	10	5.27 No	1.064 Thermal Discharging
RLK072	110	'37688106_/_37688110_1'		10	10	10	1.064	2.1	10	5.27 No	1.064 Thermal Discharging
RLK072	111	'3633433_/_3633443_1'		3.33	3.33	3.33	0.352	0.3	3.33	1.76 No	0.3 Element Fault
RLK072	112	'43359566_/_3669015'		3.33	3.33	3.33	0.352	0.8	3.33	1.76 No	0.352 Thermal Discharging
RLK072	113	'3649060_/_3649068'		3.33	3.33	3.33	0.352	0.8	3.33	1.76 No	0.352 Thermal Discharging
RLK072	114	'3633478_/_3633475_2'		3.33	3.33	3.33	0.352	0.3	3.33	1.76 No	0.3 Element Fault
RLK072	115	'3668280_/_43356359'		3.33	3.33	3.33	0.352	0.5	3.33	1.76 No	0.352 Thermal Discharging
RLK072	116	'3668319_/_36356431'		3.33	3.33	3.33	0.352	0.8	3.33	1.76 No	0.352 Thermal Discharging
RLK072	117	'3633314_/_3633328'		10	10	10	1.064	1.7	10	5.27 No	1.064 Thermal Discharging
RLK072	118	'43356475_/_3668412'		3.33	3.33	3.33	0.352	0.8	3.33	1.76 No	0.352 Thermal Discharging
RLK072	119	'3640679_/_3640676'		10	10	10	1.064	2.4	10	5.27 No	1.064 Thermal Discharging
RLK072	120	'3668836_/_3668833'		3.33	3.33	3.33	0.352	0.8	3.33	1.76 No	0.352 Thermal Discharging
RLK072	121	'3633446_/_3633443_2'		3.33	3.33	3.33	0.352	0.3	3.33	1.76 No	0.3 Element Fault
RLK072	122	'7587951_/_7587949'		3.33	3.33	3.33	0.352	0.5	3.33	1.76 No	0.352 Thermal Discharging
RLK072	123	'3633599_/_3633609'		3.33	3.33	3.33	0.352	0.8	3.33	1.76 No	0.352 Thermal Discharging
RLK072	124	'9162664_/_9162677_2'		3.33	3.33	3.33	0.352	0.8	3.33	1.76 No	0.352 Thermal Discharging
RLK072	125	'43359515_/_3649233'		3.33	3.33	3.33	0.352	0.8	3.33	1.76 No	0.352 Thermal Discharging
RLK072	126	'3668953_/_3668950'		3.33	3.33	3.33	0.352	0.8	3.33	1.76 No	0.352 Thermal Discharging
RLK072	127	'3649059_/_3649057'		3.33	3.33	3.33	0.352	0.8	3.33	1.76 No	0.352 Thermal Discharging
RLK072	128	'3633179_/_3633311'		10	10	10	1.064	1.7	10	5.27 No	1.064 Thermal Discharging
RLK072	129	'3668432_/_3668429'		3.33	3.33	3.33	0.352	0.8	3.33	1.76 No	0.352 Thermal Discharging
RLK072	130	'43356440_/_3668332'		3.33	3.33	3.33	0.352	0.8	3.33	1.76 No	0.352 Thermal Discharging
RLK072	131	'3633163_/_3633160_2'		3.33	3.33	3.33	0.352	0.57	3.33	1.76 No	0.352 Thermal Discharging
RLK072	132	'43356305_/_3633576'		10	10	10	1.064	1.7	10	5.27 No	1.064 Thermal Discharging
RLK072	133	'3640699_/_3640696'		10	10	10	1.064	2.4	10	5.27 No	1.064 Thermal Discharging
RLK072	134	'3668849_/_3668846'		3.33	3.33	3.33	0.352	0.8	3.33	1.76 No	0.352 Thermal Discharging
RLK072	135	'7903115_/_7903249_2'		3.33	3.33	3.33	0.352	0.5	3.33	1.76 No	0.352 Thermal Discharging
RLK072	136	'3640716_/_3669407_1'		10	10	10	1.064	2.4	10	5.27 No	1.064 Thermal Discharging
RLK072	137	'7902992_/_8221830_1'		3.33	3.33	3.33	0.352	0.5	3.33	1.76 No	0.352 Thermal Discharging
RLK072	138	'3633036_/_3633049'		2.2	3.33	3.33	0.352	0.5	3.33	1.76 No	0.352 Thermal Discharging
RLK072	139	'7269107_/_7269105_1'		1.7	3.33	3.33	0.352	0.5	3.33	1.76 No	0.352 Thermal Discharging
RLK072	140	'37688078_/_9162641'		10	10	10	1.064	2.1	10	5.27 No	1.064 Thermal Discharging
RLK072	141	'37688071_/_37688075'		10	10	10	1.064	2.1	10	5.27 No	1.064 Thermal Discharging
RLK072	142	'37688064_/_37688068'		10	10	10	1.064	2.1	10	5.27 No	1.064 Thermal Discharging
RLK072	143	'400091497_/_400091494'		10	10	10	1.064	2.1	10	5.27 No	1.064 Thermal Discharging
RLK072	144	'400091490_/_400091487'		10	10	10	1.064	2.1	10	5.27 No	1.064 Thermal Discharging
RLK072	145	'3649137_/_3649134'		3.1	3.33	3.33	0.352	0.8	3.33	1.76 No	0.352 Thermal Discharging
RLK072	146	'3633579_/_43356307'		10	10	10	1.064	0.9	10	5.27 No	0.9 Element Fault
RLK072	147	'43359577_/_3668963'		2.9	3.33	3.33	0.352	0.8	3.33	1.76 No	0.352 Thermal Discharging
RLK072	148	'3664595_/_3664592'		3.33	3.33	3.33	0.352	0.3	3.33	1.76 No	0.3 Element Fault
RLK072	149	'3668672_/_3668669'		2.43	3.33	3.33	0.352	0.5	3.33	1.76 No	0.352 Thermal Discharging
RLK072	150	'43356521_/_43356523'		2.6	3.33	3.33	0.352	0.8	3.33	1.76 No	0.352 Thermal Discharging
RLK072	151	'9162608_/_9162605'		2.73	3.33	3.33	0.352	0.5	3.33	1.76 No	0.352 Thermal Discharging
RLK072	152	'3633280_/_3633294'		9.3	10	10	1.064	1.7	10	5.27 No	1.064 Thermal Discharging
RLK072	153	'3668862_/_3668859'		2.5	3.33	3.33	0.352	0.8	3.33	1.76 No	0.352 Thermal Discharging
RLK072	154	'7268592_/_8163117_1'		3.1	3.33	3.33	0.352	0.3	3.33	1.76 No	0.3 Element Fault
RLK072	155	'3668335_/_43356442'		2.23	3.33	3.33	0.352	0.8	3.33	1.76 No	0.352 Thermal Discharging
RLK072	156	'3633150_/_3633160_1'		2.87	3.33	3.33	0.352	0.3	3.33	1.76 No	0.3 Element Fault
RLK072	157	'3668449_/_3668446'		2.5	3.33	3.33	0.352	0.8	3.33	1.76 No	0.352 Thermal Discharging
RLK072	158	'3666616_/_3666614'		2.27	3.33	3.33	0.352	0.8	3.33	1.76 No	0.352 Thermal Discharging
RLK072	159	'7583490_/_9162677_1'		3.33	3.33	3.33	0.352	0.5	3.33	1.76 No	0.352 Thermal Discharging
RLK072	160	'7814707_/_7814705_1'		2.37	3.33	3.33	0.352	0.5	3.33	1.76 No	0.352 Thermal Discharging
RLK072	161	'3668472_/_3668485_1'		2.33	3.33	3.33	0.352	0.5	3.33	1.76 No	0.352 Thermal Discharging
RLK072	162	'3668488_/_3668485_2'		2.17	3.33	3.33	0.352	0.5	3.33	1.76 No	0.352 Thermal Discharging
RLK072	163	'8527406_/_8527403'		6.9	10	10	1.064	0.9	10	5.27 No	0.9 Element Fault
RLK072	164	'8163120_/_8163117_2'		2.3	3.33	3.33	0.352	0.3	3.33	1.76 No	0.3 Element Fault
RLK072	165	'3669410_/_3669407_2'		8.5	10	10	1.064	2.4	10	5.27 No	1.064 Thermal Discharging
RLK072	166	'3633260_/_3633277'		6.9	10	10	1.064	1.7	10	5.27 No	1.064 Thermal Discharging
RLK072	167	'7272233_/_7272231_1'		2.87	3.33	3.33	0.352	0.5	3.33	1.76 No	0.352 Thermal Discharging
RLK072	168	'43359473_/_3668872'		1.93	3.33	3.33	0.352	0.8	3.33	1.76 No	0.352 Thermal Discharging
RLK072	169	'3668979_/_3668976'		1.87	3.33	3.33	0.352	0.8	3.33	1.76 No	0.352 Thermal Discharging
RLK072	170	'3649148_/_3649145'		1.9	3.33	3.33	0.352	0.8	3.33	1.76 No	0.352 Thermal Discharging
RLK072	171	'7814692_/_7814689'		1.63	3.33	3.33	0.352	0.5	3.33	1.76 No	0.352 Thermal Discharging
RLK072	172	'50673658_/_50673660'		8.9	10	10	1.064	2.1	10	5.27 No	1.064 Thermal Discharging
RLK072	173	'3668685_/_3668682'		1.7	3.33	3.33	0.352	0.5	3.33	1.76 No	0.352 Thermal Discharging
RLK072	174	'43361898_/_36666625'		1.8	3.33	3.33	0.352	0.8	3.33	1.76 No	0.352 Thermal Discharging
RLK072	175	'43359609_/_3669336'		1.93	3.33	3.33	0.352	0.8	3.33	1.76 No	0.352 Thermal Discharging
RLK072	176	'3633598_/_3633596'		1.73	3.33	3.33	0.352	0.8	3.33	1.76 No	0.352 Thermal Discharging
RLK072	177	'7905750_/_7905747'		1.57	3.33	3.33	0.352	0.5	3.33	1.76 No	0.352 Thermal Discharging
RLK072	178	'3633243_/_3633257'		5.9	10	10	1.064	1.7	10	5.27 No	1.064 Thermal Discharging
RLK072	179	'3633149_/_3633147'		1.93	3.33	3.33	0.352	0.3	3.33	1.76 No	0.3 Element Fault
RLK072	180	'8215570_/_8221830_2'		2.57	3.33	3.33	0.352	0.5	3.33	1.76 No	0.352 Thermal Discharging
RLK072	181	'43356488_/_3668498'		1.63	3.33	3.33	0.352	0.5	3.33	1.76 No	0.352 Thermal Discharging
RLK072	182	'3669339_/_43359611'		1.63	3.33	3.33	0.352	0.8	3.33	1.76 No	0.352 Thermal Discharging
RLK072	183	'3633226_/_3633240'		5.3	10	10	1.064	1.7	10	5.27 No	1.064 Thermal Discharging
RLK072	184	'3668992_/_3668989'		1.5	3.33	3.33	0.352	0.8	3.33	1.76 No	0.352 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RLK072	185	'43356283_/_43356285'	1.27	3.33	3.33	0.352	0.5	3.33	1.76 No	0.352	Thermal Discharging
RLK072	186	'7585692_/_9164567'	1.33	3.33	3.33	0.352	0.5	3.33	1.76 No	0.352	Thermal Discharging
RLK072	187	'489513751_/_489513755'	5.9	10	10	1.064	2.1	10	5.27 No	1.064	Thermal Discharging
RLK072	188	'43359525_/_3649156'	1.5	3.33	3.33	0.352	0.8	3.33	1.76 No	0.352	Thermal Discharging
RLK072	189	'410627800_/_7814705_2'	1.47	3.33	3.33	0.352	0.5	3.33	1.76 No	0.352	Thermal Discharging
RLK072	190	'43359495_/_3666636'	1.4	3.33	3.33	0.352	0.8	3.33	1.76 No	0.352	Thermal Discharging
RLK072	191	'3668887_/_43359475'	1.47	3.33	3.33	0.352	0.8	3.33	1.76 No	0.352	Thermal Discharging
RLK072	192	'3633209_/_3633223'	4.6	10	10	1.064	1.7	10	5.27 No	1.064	Thermal Discharging
RLK072	193	'410627838_/_410627872'	1.37	3.33	3.33	0.352	0.5	3.33	1.76 No	0.352	Thermal Discharging
RLK072	194	'7583427_/_7583488'	1.53	3.33	3.33	0.352	0.5	3.33	1.76 No	0.352	Thermal Discharging
RLK072	195	'50673692_/_489513794'	5.2	10	10	1.064	2.1	10	5.27 No	1.064	Thermal Discharging
RLK072	196	'43358846_/_3669448'	4.5	10	10	1.064	2.4	10	5.27 No	1.064	Thermal Discharging
RLK072	197	'8221797_/_43358848_1'	4.5	10	10	1.064	2.4	10	5.27 No	1.064	Thermal Discharging
RLK072	198	'43356272_/_43356274'	1.13	3.33	3.33	0.352	0.5	3.33	1.76 No	0.352	Thermal Discharging
RLK072	199	'43356493_/_43356490'	1.33	3.33	3.33	0.352	0.5	3.33	1.76 No	0.352	Thermal Discharging
RLK072	200	'8221796_/_9166570_2'	1.47	3.33	3.33	0.352	0.8	3.33	1.76 No	0.352	Thermal Discharging
RLK072	201	'7269108_/_8215568'	1.73	3.33	3.33	0.352	0.5	3.33	1.76 No	0.352	Thermal Discharging
RLK072	202	'3633192_/_3633206'	4.3	10	10	1.064	1.7	10	5.27 No	1.064	Thermal Discharging
RLK072	203	'8527389_/_9474242'	1.23	3.33	3.33	0.352	0.5	3.33	1.76 No	0.352	Thermal Discharging
RLK072	204	'3649093_/_3649090'	1.2	3.33	3.33	0.352	0.8	3.33	1.76 No	0.352	Thermal Discharging
RLK072	205	'43359588_/_3669002'	1.2	3.33	3.33	0.352	0.8	3.33	1.76 No	0.352	Thermal Discharging
RLK072	206	'3649170_/_3649167'	1.27	3.33	3.33	0.352	0.8	3.33	1.76 No	0.352	Thermal Discharging
RLK072	207	'3668888_/_3668885'	1.23	3.33	3.33	0.352	0.8	3.33	1.76 No	0.352	Thermal Discharging
RLK072	208	'489513717_/_489513783'	4.6	10	10	1.064	2.1	10	5.27 No	1.064	Thermal Discharging
RLK072	209	'7585691_/_7585689'	1.07	3.33	3.33	0.352	0.5	3.33	1.76 No	0.352	Thermal Discharging
RLK072	210	'3633191_/_3633189'	3.9	10	10	1.064	1.7	10	5.27 No	1.064	Thermal Discharging
RLK072	211	'44646637_/_3633004'	1.03	3.33	3.33	0.352	0.5	3.33	1.76 No	0.352	Thermal Discharging
RLK072	212	'3669433_/_43358848_2'	3.7	10	10	1.064	2.4	10	5.27 No	1.064	Thermal Discharging
RLK072	213	'38323132_/_7559613_1'	3.7	10	10	1.064	1.5	10	5.27 No	1.064	Thermal Discharging
RLK072	214	'37700032_/_7559613_2'	3.6	10	10	1.064	1.5	10	5.27 No	1.064	Thermal Discharging
RLK072	215	'37700012_/_37700030'	3.6	10	10	1.064	1.5	10	5.27 No	1.064	Thermal Discharging
RLK072	216	'37697520_/_37700016'	3.6	10	10	1.064	1.5	10	5.27 No	1.064	Thermal Discharging
RLK072	217	'37700025_/_37700023'	3.6	10	10	1.064	1.5	10	5.27 No	1.064	Thermal Discharging
RLK072	218	'37700005_/_37700009'	3.6	10	10	1.064	1.5	10	5.27 No	1.064	Thermal Discharging
RLK072	219	'229316373_/_220862464'	3.6	10	10	1.064	2.4	10	5.27 No	1.064	Thermal Discharging
RLK072	220	'220862623_/_220870129'	3.5	10	10	1.064	2.4	10	5.27 No	1.064	Thermal Discharging
RLK072	221	'9166572_/_9166570_1'	1.17	3.33	3.33	0.352	0.5	3.33	1.76 No	0.352	Thermal Discharging
RLK072	222	'49932482_/_593635710_3'	3.5	10	10	1.064	2.4	10	5.27 No	1.064	Thermal Discharging
RLK072	223	'593635828_/_593635710_2'	3.5	10	10	1.064	1.5	10	5.27 No	1.064	Thermal Discharging
RLK072	224	'3649181_/_3649178'	1.1	3.33	3.33	0.352	0.8	3.33	1.76 No	0.352	Thermal Discharging
RLK072	225	'43359505_/_3649101'	1.03	3.33	3.33	0.352	0.8	3.33	1.76 No	0.352	Thermal Discharging
RLK072	226	'593635849_/_593635865'	3.5	10	10	1.064	1.5	10	5.27 No	1.064	Thermal Discharging
RLK072	227	'593635725_/_593635881'	3.4	10	10	1.064	1.5	10	5.27 No	1.064	Thermal Discharging
RLK072	228	'50673626_/_50673699'	4	10	10	1.064	2.1	10	5.27 No	1.064	Thermal Discharging
RLK072	229	'3633562_/_3633559'	3.4	10	10	1.064	1.7	10	5.27 No	1.064	Thermal Discharging
RLK072	230	'3669005_/_43359590'	1	3.33	3.33	0.352	0.8	3.33	1.76 No	0.352	Thermal Discharging
RLK072	231	'385989276_/_385989280'	3.9	10	10	1.064	2.1	10	5.27 No	1.064	Thermal Discharging
RLK072	232	'43359484_/_3668898'	1.03	3.33	3.33	0.352	0.8	3.33	1.76 No	0.352	Thermal Discharging
RLK072	233	'8850086_/_410627842'	1	3.33	3.33	0.352	0.5	3.33	1.76 No	0.352	Thermal Discharging
RLK072	234	'7559636_/_8531306'	1.2	3.33	3.33	0.352	0.5	3.33	1.76 No	0.352	Thermal Discharging
RLK072	235	'3667864_/_3667861'	3.4	10	10	1.064	1.7	10	5.27 No	1.064	Thermal Discharging
RLK072	236	'8531129_/_8850003_1'	3.4	10	10	1.064	1.1	10	5.27 No	1.064	Thermal Discharging
RLK072	237	'43359535_/_3649189'	1.03	3.33	3.33	0.352	0.8	3.33	1.76 No	0.352	Thermal Discharging
RLK072	238	'3649115_/_3649112'	0.93	3.33	3.33	0.352	0.8	3.33	1.76 No	0.352	Thermal Discharging
RLK072	239	'3649203_/_43359537'	0.97	3.33	3.33	0.352	0.8	3.33	1.76 No	0.352	Thermal Discharging
RLK072	240	'435072660_/_8527387'	0.9	3.33	3.33	0.352	0.5	3.33	1.76 No	0.352	Thermal Discharging
RLK072	241	'7906926_/_593635729'	2.9	10	10	1.064	1.5	10	5.27 No	1.064	Thermal Discharging
RLK072	242	'8528053_/_8850003_2'	3	10	10	1.064	1.1	10	5.27 No	1.064	Thermal Discharging
RLK072	243	'52151074_/_3667881'	3	10	10	1.064	1.7	10	5.27 No	1.064	Thermal Discharging
RLK072	244	'37700291_/_7906963'	2.8	10	10	1.064	1.5	10	5.27 No	1.064	Thermal Discharging
RLK072	245	'37700278_/_37700289'	2.8	10	10	1.064	1.5	10	5.27 No	1.064	Thermal Discharging
RLK072	246	'37700277_/_37700275'	0.93	3.33	3.33	0.352	0.5	3.33	1.76 No	0.352	Thermal Discharging
RLK072	247	'37700284_/_37700282'	1.87	6.67	6.67	0.704	1	6.67	3.52 No	0.704	Thermal Discharging
RLK072	248	'37700298_/_37700296'	2.8	10	10	1.064	1.5	10	5.27 No	1.064	Thermal Discharging
RLK072	249	'7559635_/_7559633'	1.13	3.33	3.33	0.352	0.5	3.33	1.76 No	0.352	Thermal Discharging
RLK072	250	'49200286_/_8221650_2'	2.9	10	10	1.064	1.7	10	5.27 No	1.064	Thermal Discharging
RLK072	251	'8163103_/_435072681'	0.87	3.33	3.33	0.352	0.5	3.33	1.76 No	0.352	Thermal Discharging
RLK072	252	'3668914_/_3668911'	0.9	3.33	3.33	0.352	0.8	3.33	1.76 No	0.352	Thermal Discharging
RLK072	253	'385989320_/_385989339'	3.3	10	10	1.064	2.1	10	5.27 No	1.064	Thermal Discharging
RLK072	254	'3649126_/_3649123'	0.83	3.33	3.33	0.352	0.8	3.33	1.76 No	0.352	Thermal Discharging
RLK072	255	'3649247_/_3649244'	0.9	3.33	3.33	0.352	0.8	3.33	1.76 No	0.352	Thermal Discharging
RLK072	256	'8528054_/_8528051'	2.9	10	10	1.064	1.1	10	5.27 No	1.064	Thermal Discharging
RLK072	257	'7902928_/_9474724'	0.9	3.33	3.33	0.352	0.5	3.33	1.76 No	0.352	Thermal Discharging
RLK072	258	'8216147_/_8216144'	0.9	3.33	3.33	0.352	0.5	3.33	1.76 No	0.352	Thermal Discharging
RLK072	259	'8221817_/_8221814'	1.07	3.33	3.33	0.352	0.5	3.33	1.76 No	0.352	Thermal Discharging
RLK072	260	'428516060_/_7272231_2'	1.07	3.33	3.33	0.352	0.5	3.33	1.76 No	0.352	Thermal Discharging
RLK072	261	'43359545_/_3649211'	0.87	3.33	3.33	0.352	0.8	3.33	1.76 No	0.352	Thermal Discharging
RLK072	262	'8221849_/_8221846'	1.03	3.33	3.33	0.352	0.5	3.33	1.76 No	0.352	Thermal Discharging
RLK072	263	'8221653_/_8221650_1'	2.7	10	10	1.064	0.9	10	5.27 No	0.9	Element Fault
RLK072	264	'410627885_/_410627919'	0.8	3.33	3.33	0.352	0.5	3.33	1.76 No	0.352	Thermal Discharging
RLK072	265	'8531240_/_9166474'	1.03	3.33	3.33	0.352	0.5	3.33	1.76 No	0.352	Thermal Discharging
RLK072	266	'3669138_/_3669148'	0.8	3.33	3.33	0.352	0.8	3.33	1.76 No	0.352	Thermal Discharging
RLK072	267	'3649258_/_3649255'	0.83	3.33	3.33	0.352	0.8	3.33	1.76 No	0.352	Thermal Discharging
RLK072	268	'428516164_/_428516183'	1	3.33	3.33	0.352	0.5	3.33	1.76 No	0.352	Thermal Discharging
RLK072	269	'3649280_/_3649277'	0.73	3.33	3.33	0.352	0.8	3.33	1.76 No	0.352	Thermal Discharging
RLK072	270	'385989367_/_385989409'	2.9	10	10	1.064	2.1	10	5.27 No	1.064	Thermal Discharging
RLK072	271	'7272121_/_410627889'	0.77	3.33	3.33	0.352	0.5	3.33	1.76 No	0.352	Thermal Discharging
RLK072	272	'3669393_/_8531238'	0.93	3.33	3.33	0.352	0.5	3.33	1.76 No	0.352	Thermal Discharging
RLK072	273	'3669122_/_3669135'	0.77	3.33	3.33	0.352	0.8	3.33	1.76 No	0.352	Thermal Discharging
RLK072	274	'7559748_/_7559745'	0.93	3.33	3.33	0.352	0.5	3.33	1.76 No	0.352	Thermal Discharging
RLK072	275	'428516148_/_428516219'	0.93	3.33	3.33	0.352	0.5	3.33	1.76 No	0.352	Thermal Discharging
RLK072	276	'3649225_/_43359547'	0.77	3.33	3.33	0.352	0.8	3.33	1.76 No	0.352	Thermal Discharging
RLK072	277	'7271538_/_8220774'	0.67	3.33	3.33	0.352	0.5	3.33	1.76 No	0.352	Thermal Discharging
RLK072	278	'8850118_/_9478512'	0.9	3.33	3.33	0.352	0.5	3.33	1.76 No	0.352	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RLK072	279	'3649269_/_3649266'	0.77	3.33	3.33	0.352	0.8	3.33	1.76 No	0.352	Thermal Discharging
RLK072	280	'7259902_/_9162621'	2.7	10	10	1.064	2.1	10	5.27 No	1.064	Thermal Discharging
RLK072	281	'7272234_/_428516205'	0.9	3.33	3.33	0.352	0.5	3.33	1.76 No	0.352	Thermal Discharging
RLK072	282	'43356499_/_3669391'	0.87	3.33	3.33	0.352	0.5	3.33	1.76 No	0.352	Thermal Discharging
RLK072	283	'8163064_/_9162587'	1.73	6.67	6.67	0.704	1.4	6.67	3.52 No	0.704	Thermal Discharging
RLK072	284	'3669368_/_3669378'	0.7	3.33	3.33	0.352	0.8	3.33	1.76 No	0.352	Thermal Discharging
RLK072	285	'8221781_/_8850279'	0.7	3.33	3.33	0.352	0.5	3.33	1.76 No	0.352	Thermal Discharging
RLK072	286	'7902927_/_7902925'	0.7	3.33	3.33	0.352	0.5	3.33	1.76 No	0.352	Thermal Discharging
RLK072	287	'7259901_/_7259899'	2.6	10	10	1.064	2.1	10	5.27 No	1.064	Thermal Discharging
RLK072	288	'7559529_/_7559527_1'	0.7	3.33	3.33	0.352	0.5	3.33	1.76 No	0.352	Thermal Discharging
RLK072	289	'43359664_/_3669119'	0.7	3.33	3.33	0.352	0.8	3.33	1.76 No	0.352	Thermal Discharging
RLK072	290	'8850117_/_8850115'	0.83	3.33	3.33	0.352	0.5	3.33	1.76 No	0.352	Thermal Discharging
RLK072	291	'3669394_/_43356501'	0.83	3.33	3.33	0.352	0.5	3.33	1.76 No	0.352	Thermal Discharging
RLK072	292	'7583426_/_8845783_1'	0.7	3.33	3.33	0.352	0.5	3.33	1.76 No	0.352	Thermal Discharging
RLK072	293	'8163104_/_8163101'	0.63	3.33	3.33	0.352	0.5	3.33	1.76 No	0.352	Thermal Discharging
RLK072	294	'55088009_/_7559527_2'	0.67	3.33	3.33	0.352	0.5	3.33	1.76 No	0.352	Thermal Discharging
RLK072	295	'7584429_/_9163643'	0.67	3.33	3.33	0.352	0.5	3.33	1.76 No	0.352	Thermal Discharging
RLK072	296	'7272122_/_7272119'	0.63	3.33	3.33	0.352	0.5	3.33	1.76 No	0.352	Thermal Discharging
RLK072	297	'3669216_/_7559527_3'	0.63	3.33	3.33	0.352	0.5	3.33	1.76 No	0.352	Thermal Discharging
RLK072	298	'7271537_/_7271535'	0.57	3.33	3.33	0.352	0.5	3.33	1.76 No	0.352	Thermal Discharging
RLK072	299	'43359653_/_3669365'	0.63	3.33	3.33	0.352	0.8	3.33	1.76 No	0.352	Thermal Discharging
RLK072	300	'3668811_/_3668809'	0.63	3.33	3.33	0.352	0.8	3.33	1.76 No	0.352	Thermal Discharging
RLK072	301	'8531272_/_8531320'	0.77	3.33	3.33	0.352	0.5	3.33	1.76 No	0.352	Thermal Discharging
RLK072	302	'43359686_/_3669229'	0.63	3.33	3.33	0.352	0.5	3.33	1.76 No	0.352	Thermal Discharging
RLK072	303	'3669177_/_3669255'	0.6	3.33	3.33	0.352	0.5	3.33	1.76 No	0.352	Thermal Discharging
RLK072	304	'7272217_/_9166554'	0.73	3.33	3.33	0.352	0.5	3.33	1.76 No	0.352	Thermal Discharging
RLK072	305	'9474261_/_9474258'	0.57	3.33	3.33	0.352	0.5	3.33	1.76 No	0.352	Thermal Discharging
RLK072	306	'9383128_/_9478314'	0.73	3.33	3.33	0.352	0.5	3.33	1.76 No	0.352	Thermal Discharging
RLK072	307	'3669096_/_3669213'	0.6	3.33	3.33	0.352	0.5	3.33	1.76 No	0.352	Thermal Discharging
RLK072	308	'3669190_/_3669187'	0.6	3.33	3.33	0.352	0.5	3.33	1.76 No	0.352	Thermal Discharging
RLK072	309	'7559514_/_8221746'	0.57	3.33	3.33	0.352	0.5	3.33	1.76 No	0.352	Thermal Discharging
RLK072	310	'3669109_/_3669242'	0.6	3.33	3.33	0.352	0.8	3.33	1.76 No	0.352	Thermal Discharging
RLK072	311	'7587784_/_9383126'	0.7	3.33	3.33	0.352	0.5	3.33	1.76 No	0.352	Thermal Discharging
RLK072	312	'8531273_/_8531270'	0.7	3.33	3.33	0.352	0.5	3.33	1.76 No	0.352	Thermal Discharging
RLK072	313	'3669232_/_43359688'	0.57	3.23	3.33	0.352	0.5	3.33	1.76 No	0.352	Thermal Discharging
RLK072	314	'8221765_/_8221778'	0.57	3.33	3.33	0.352	0.5	3.33	1.76 No	0.352	Thermal Discharging
RLK072	315	'7584428_/_7584426'	0.6	3.17	3.33	0.352	0.5	3.33	1.76 No	0.352	Thermal Discharging
RLK072	316	'43359631_/_3669174'	0.57	3.17	3.33	0.352	0.5	3.33	1.76 No	0.352	Thermal Discharging
RLK072	317	'43359642_/_43359644'	0.57	3.1	3.33	0.352	0.5	3.33	1.76 No	0.352	Thermal Discharging
RLK072	318	'3669108_/_3669106'	0.57	3.1	3.33	0.352	0.8	3.33	1.76 No	0.352	Thermal Discharging
RLK072	319	'43359675_/_3669200'	0.53	3.1	3.33	0.352	0.5	3.33	1.76 No	0.352	Thermal Discharging
RLK072	320	'8848024_/_9476480'	0.5	2.93	3.33	0.352	0.5	3.33	1.76 No	0.352	Thermal Discharging
RLK072	321	'8163063_/_8163061'	2	8.7	10	1.064	2.1	10	5.27 No	1.064	Thermal Discharging
RLK072	322	'7272218_/_7272215'	0.63	3.07	3.33	0.352	0.5	3.33	1.76 No	0.352	Thermal Discharging
RLK072	323	'3669271_/_43359677'	0.53	2.97	3.33	0.352	0.5	3.33	1.76 No	0.352	Thermal Discharging
RLK072	324	'3669070_/_3669080'	0.53	2.93	3.33	0.352	0.5	3.33	1.76 No	0.352	Thermal Discharging
RLK072	325	'8846856_/_8849967'	0.63	3	3.33	0.352	0.5	3.33	1.76 No	0.352	Thermal Discharging
RLK072	326	'3669095_/_3669093'	0.53	2.83	3.33	0.352	0.5	3.33	1.76 No	0.352	Thermal Discharging
RLK072	327	'43359620_/_3669067'	0.5	2.8	3.33	0.352	0.5	3.33	1.76 No	0.352	Thermal Discharging
RLK072	328	'7272201_/_7559557'	0.6	2.8	3.33	0.352	0.5	3.33	1.76 No	0.352	Thermal Discharging
RLK072	329	'7272185_/_9166522'	0.6	2.8	3.33	0.352	0.5	3.33	1.76 No	0.352	Thermal Discharging
RLK072	330	'3669296_/_3669281'	0.5	2.73	3.33	0.352	0.5	3.33	1.76 No	0.352	Thermal Discharging
RLK072	331	'7272202_/_9478238_1'	0.4	1.6	3.33	0.352	0.5	3.33	1.76 No	0.352	Thermal Discharging
RLK072	332	'7559513_/_7559511_1'	0.5	2.7	3.33	0.352	0.3	3.33	1.76 No	0.3	Element Fault
RLK072	333	'7272186_/_7272183'	0.57	2.7	3.33	0.352	0.5	3.33	1.76 No	0.352	Thermal Discharging
RLK072	334	'3669297_/_3669294'	0.47	2.67	3.33	0.352	0.5	3.33	1.76 No	0.352	Thermal Discharging
RLK072	335	'3669044_/_3669054'	0.5	2.6	3.33	0.352	0.5	3.33	1.76 No	0.352	Thermal Discharging
RLK072	336	'8221764_/_8221762'	0.47	2.63	3.33	0.352	0.5	3.33	1.76 No	0.352	Thermal Discharging
RLK072	337	'8163084_/_8163081'	1.8	7.5	10	1.064	2.1	10	5.27 No	1.064	Thermal Discharging
RLK072	338	'3669031_/_3669041'	0.47	2.53	3.33	0.352	0.5	3.33	1.76 No	0.352	Thermal Discharging
RLK072	339	'43359697_/_3669323'	0.47	2.53	3.33	0.352	0.5	3.33	1.76 No	0.352	Thermal Discharging
RLK072	340	'3669326_/_8531206_1'	0.47	2.53	3.33	0.352	0.3	3.33	1.76 No	0.3	Element Fault
RLK072	341	'9474212_/_9474226'	0.57	2.67	3.33	0.352	0.7	3.33	1.76 No	0.352	Thermal Discharging
RLK072	342	'7269344_/_8846805'	0.5	2.43	3.33	0.352	0.5	3.33	1.76 No	0.352	Thermal Discharging
RLK072	343	'7814769_/_8531254'	0.53	2.5	3.33	0.352	0.5	3.33	1.76 No	0.352	Thermal Discharging
RLK072	344	'7269392_/_8846853'	0.53	2.43	3.33	0.352	0.5	3.33	1.76 No	0.352	Thermal Discharging
RLK072	345	'3669030_/_3669028'	0.43	2.37	3.33	0.352	0.5	3.33	1.76 No	0.352	Thermal Discharging
RLK072	346	'7814770_/_7814767'	0.5	2.33	3.33	0.352	0.5	3.33	1.76 No	0.352	Thermal Discharging
RLK072	347	'8848023_/_8848021'	0.4	2.23	3.33	0.352	0.5	3.33	1.76 No	0.352	Thermal Discharging
RLK072	348	'9478176_/_9478174'	0.43	2.33	3.33	0.352	0.5	3.33	1.76 No	0.352	Thermal Discharging
RLK072	349	'43361572_/_43361574'	0.43	2.27	3.33	0.352	0.5	3.33	1.76 No	0.352	Thermal Discharging
RLK072	350	'8850101_/_9478222'	0.5	2.23	3.33	0.352	0.5	3.33	1.76 No	0.352	Thermal Discharging
RLK072	351	'7559497_/_8531206_2'	0.4	2.23	3.33	0.352	0.3	3.33	1.76 No	0.3	Element Fault
RLK072	352	'3669354_/_3669352'	0.4	2.13	3.33	0.352	0.5	3.33	1.76 No	0.352	Thermal Discharging
RLK072	353	'8850102_/_8850099'	0.47	2.13	3.33	0.352	0.5	3.33	1.76 No	0.352	Thermal Discharging
RLK072	354	'49984391_/_9478206_1'	0.33	1.8	3.33	0.352	0.3	3.33	1.76 No	0.3	Element Fault
RLK072	355	'9166508_/_9166538'	0.47	2.07	3.33	0.352	0.5	3.33	1.76 No	0.352	Thermal Discharging
RLK072	356	'7559498_/_7559495'	0.37	2	3.33	0.352	0.3	3.33	1.76 No	0.3	Element Fault
RLK072	357	'7269343_/_88908187'	0.4	1.97	3.33	0.352	0.5	3.33	1.76 No	0.352	Thermal Discharging
RLK072	358	'9166493_/_9166506'	0.43	1.9	3.33	0.352	0.5	3.33	1.76 No	0.352	Thermal Discharging
RLK072	359	'8528466_/_8528463'	0.4	1.8	3.33	0.352	0.5	3.33	1.76 No	0.352	Thermal Discharging
RLK072	360	'7814740_/_7814737'	0.33	1.8	3.33	0.352	0.3	3.33	1.76 No	0.3	Element Fault
RLK072	361	'7272154_/_9166490'	0.37	1.73	3.33	0.352	0.5	3.33	1.76 No	0.352	Thermal Discharging
RLK072	362	'7272153_/_7272151'	0.37	1.7	3.33	0.352	0.5	3.33	1.76 No	0.352	Thermal Discharging
RLK072	363	'7814723_/_9475218'	0.37	1.63	3.33	0.352	0.5	3.33	1.76 No	0.352	Thermal Discharging
RLK072	364	'7814724_/_88908200'	0.27	1.23	3.33	0.352	0.5	2.99	1.76 No	0.27	Primary Over-Voltage
RLK072	365	'8846823_/_8846821'	0.27	1.17	3.33	0.352	0.5	2.85	1.76 No	0.27	Primary Over-Voltage
RLK072	366	'8216128_/_8846837'	0.27	1.1	3.33	0.352	0.5	2.72	1.76 No	0.27	Primary Over-Voltage
RLK072	367	'8216129_/_8216126'	0.23	1.03	3.33	0.352	0.5	2.63	1.76 No	0.23	Primary Over-Voltage
RLK072	368	'8528482_/_8528479'	0.23	1	3.33	0.352	0.5	2.54	1.76 No	0.23	Primary Over-Voltage
RLK072	369	'7269376_/_9475234'	0.23	1	3.33	0.352	0.5	2.49	1.76 No	0.23	Primary Over-Voltage
RLK072	370	'7269375_/_7269373'	0.23	0.93	3.33	0.352	0.5	2.38	1.76 No	0.23	Primary Over-Voltage
RLK072	371	'7272138_/_8846869'	0.2	0.87	3.33	0.352	0.5	2.21	1.76 No	0.2	Primary Over-Voltage
RLK072	372	'7272137_/_7272135'	0.2	0.83	3.33	0.352	0.5	2.18	1.76 No	0.2	Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RLK072	373	'7269359_/7814753'		0.17	0.77	3.33	0.352	0.5	2.02	1.76 No	0.17 Primary Over-Voltage
RLK072	374	'7269360_/7269389_1'		0.17	0.8	3.33	0.352	0.5	2.01	1.76 No	0.17 Primary Over-Voltage
RLK073	0	'RLK073_/7904483'		10	10	10	1.712	10	10	3.03 No	1.712 Thermal Discharging
RLK073	1	'114599789_/7904483'		10	10	10	1.712	10	10	3.03 No	1.712 Thermal Discharging
RLK073	2	'8847930_/8847927'		10	10	10	1.712	10	10	3.03 No	1.712 Thermal Discharging
RLK073	3	'7270275_/8847947'		10	10	10	1.712	10	10	3.03 No	1.712 Thermal Discharging
RLK073	4	'7270276_/7270273'		10	10	10	1.712	10	10	3.03 No	1.712 Thermal Discharging
RLK073	5	'8220661_/8529165'		10	10	10	1.712	10	10	3.03 No	1.712 Thermal Discharging
RLK073	6	'7586882_/8220658'		10	10	10	1.712	10	10	3.03 No	1.712 Thermal Discharging
RLK073	7	'7586881_/7586879'		10	10	10	1.712	10	10	3.03 No	1.712 Thermal Discharging
RLK073	8	'7902852_/8529185'		10	10	10	1.712	10	10	3.03 No	1.712 Thermal Discharging
RLK073	9	'7902851_/7902849'		10	10	10	1.712	10	10	3.03 No	1.712 Thermal Discharging
RLK073	10	'7475580_/9474648'		10	10	10	1.712	10	10	3.03 No	1.712 Thermal Discharging
RLK073	11	'514395774_/7475578'		10	10	10	1.712	10	10	3.03 No	1.712 Thermal Discharging
RLK073	12	'7475581_/514395800'		10	10	10	1.712	10	10	3.03 No	1.712 Thermal Discharging
RLK073	13	'153593732_/54149459_1'		4.6	8	10	1.712	10	10	3.03 No	1.712 Thermal Discharging
RLK073	14	'5587067_/54149459_2'		4.6	8	10	1.712	10	10	3.03 No	1.712 Thermal Discharging
RLK073	15	'5587066_/5587064'		4.6	7.8	10	1.712	10	10	3.03 No	1.712 Thermal Discharging
RLK073	16	'7406731_/9611139_1'		3.07	5.2	6.67	1.144	1	6.67	2.02 No	1 Element Fault
RLK073	17	'43742375_/43742377'		4.6	7.6	10	1.712	10	10	3.03 No	1.712 Thermal Discharging
RLK073	18	'43742620_/43742622'		4.6	7.5	10	1.712	10	10	3.03 No	1.712 Thermal Discharging
RLK073	19	'5587240_/5587254'		4.6	7.4	10	1.712	10	10	3.03 No	1.712 Thermal Discharging
RLK073	20	'43742607_/5587237'		4.6	7.3	10	1.712	10	10	3.03 No	1.712 Thermal Discharging
RLK073	21	'86701607_/5585104_1'		1.53	2.43	3.33	0.568	0.5	3.33	1.01 No	0.5 Element Fault
RLK073	22	'5587203_/5587217'		4.6	7.1	10	1.712	10	10	3.03 No	1.712 Thermal Discharging
RLK073	23	'8664405_/8664403_1'		1.53	2.37	3.33	0.568	0.5	3.33	1.01 No	0.5 Element Fault
RLK073	24	'5585081_/5585104_2'		1.5	2.37	3.33	0.568	0.5	3.33	1.01 No	0.5 Element Fault
RLK073	25	'43742561_/43742563'		4.6	7	10	1.712	10	10	3.03 No	1.712 Thermal Discharging
RLK073	26	'43742548_/5587183'		4.6	6.9	10	1.712	10	10	3.03 No	1.712 Thermal Discharging
RLK073	27	'86701550_/5587166'		4.6	6.8	10	1.712	10	10	3.03 No	1.712 Thermal Discharging
RLK073	28	'43742535_/5587149'		4.5	6.7	10	1.712	10	10	3.03 No	1.712 Thermal Discharging
RLK073	29	'5584711_/5585078'		1.4	2.23	3.33	0.568	0.5	3.33	1.01 No	0.5 Element Fault
RLK073	30	'5587118_/5587132'		4.5	6.6	10	1.712	10	10	3.03 No	1.712 Thermal Discharging
RLK073	31	'8664406_/8664403_2'		1.5	2.2	3.33	0.568	0.5	3.33	1.01 No	0.5 Element Fault
RLK073	32	'43742596_/5585509'		1.47	2.2	3.33	0.568	1.6	3.33	1.01 No	0.568 Thermal Discharging
RLK073	33	'9611142_/9611139_2'		2.6	4.47	6.67	1.144	1	6.67	2.02 No	1 Element Fault
RLK073	34	'8357185_/8357182'		2.87	4.13	6.67	1.144	1.07	6.58	2.02 No	1.07 Element Fault
RLK073	35	'92283697_/5585062_3'		1.47	2.17	3.33	0.568	1.6	3.32	1.01 No	0.568 Thermal Discharging
RLK073	36	'5587101_/5587115'		4.5	6.5	10	1.712	10	9.88	3.03 No	1.712 Thermal Discharging
RLK073	37	'43742522_/5587580'		4.5	6.4	10	1.712	10	9.83	3.03 No	1.712 Thermal Discharging
RLK073	38	'595141181_/5585062_2'		1.43	2.17	3.33	0.568	1.6	3.29	1.01 No	0.568 Thermal Discharging
RLK073	39	'5587583_/43742524'		4.5	6.4	10	1.712	1.6	9.79	3.03 No	1.6 Element Fault
RLK073	40	'5587100_/5587098'		4.5	6.4	10	1.712	10	9.78	3.03 No	1.712 Thermal Discharging
RLK073	41	'43742509_/5594958'		4.5	6.3	10	1.712	10	9.66	3.03 No	1.712 Thermal Discharging
RLK073	42	'5587084_/5594941'		4.5	6.2	10	1.712	10	9.53	3.03 No	1.712 Thermal Discharging
RLK073	43	'7406749_/7406746'		4.3	6.2	10	1.712	1.6	9.51	3.03 No	1.6 Element Fault
RLK073	44	'5587083_/5587081'		4.5	6.1	10	1.712	10	9.43	3.03 No	1.712 Thermal Discharging
RLK073	45	'5584712_/5584709'		1.3	2.1	3.33	0.568	0.5	3.21	1.01 No	0.5 Element Fault
RLK073	46	'5585052_/5585062_1'		1.37	2.07	3.33	0.568	0.5	3.16	1.01 No	0.5 Element Fault
RLK073	47	'5591951_/5591966'		4.5	6	10	1.712	10	9.31	3.03 No	1.712 Thermal Discharging
RLK073	48	'43742585_/5592257'		1.47	2	3.33	0.568	1.2	3.12	1.01 No	0.568 Thermal Discharging
RLK073	49	'108799514_/108799431_1'		4.4	6	10	1.712	5.5	9.26	3.03 No	1.712 Thermal Discharging
RLK073	50	'5586848_/5591949'		4.5	5.9	10	1.712	10	9.22	3.03 No	1.712 Thermal Discharging
RLK073	51	'5581905_/5586845'		4.4	5.9	10	1.712	10	9.12	3.03 No	1.712 Thermal Discharging
RLK073	52	'5581906_/5581877_3'		1.47	1.93	3.33	0.568	1.1	3.02	1.01 No	0.568 Thermal Discharging
RLK073	53	'5585499_/5585496'		1.23	2	3.33	0.568	0.5	3.1	1.01 No	0.5 Element Fault
RLK073	54	'43741628_/43741630'		4.4	5.8	10	1.712	10	9.02	3.03 No	1.712 Thermal Discharging
RLK073	55	'8984202_/8984199'		4	5.9	10	1.712	1.6	9.16	3.03 No	1.6 Element Fault
RLK073	56	'5594526_/5594524'		4.3	5.7	10	1.712	10	8.93	3.03 No	1.712 Thermal Discharging
RLK073	57	'442125714_/108799431_2'		4.3	5.8	10	1.712	5.5	9	3.03 No	1.712 Thermal Discharging
RLK073	58	'5581880_/5581877_2'		1.43	1.9	3.33	0.568	0.5	2.98	1.01 No	0.5 Element Fault
RLK073	59	'6620740_/7099474'		4.3	5.7	10	1.712	10	8.87	3.03 No	1.712 Thermal Discharging
RLK073	60	'7719882_/9299898'		4	5.8	10	1.712	1.6	9.02	3.03 No	1.6 Element Fault
RLK073	61	'5592247_/43742587'		1.4	1.9	3.33	0.568	1.2	3	1.01 No	0.568 Thermal Discharging
RLK073	62	'43953745_/43953747'		4.3	5.6	10	1.712	10	8.76	3.03 No	1.712 Thermal Discharging
RLK073	63	'5581879_/5581877_1'		1.4	1.87	3.33	0.568	0.5	2.93	1.01 No	0.5 Element Fault
RLK073	64	'442125759_/442125778'		4.1	5.6	10	1.712	5.5	8.82	3.03 No	1.712 Thermal Discharging
RLK073	65	'6621621_/6621619'		4.2	5.5	10	1.712	10	8.66	3.03 No	1.712 Thermal Discharging
RLK073	66	'6618025_/6621636'		4.2	5.5	10	1.712	10	8.61	3.03 No	1.712 Thermal Discharging
RLK073	67	'507576807_/6618010_2'		1.4	1.8	3.33	0.568	1.2	2.86	1.01 No	0.568 Thermal Discharging
RLK073	68	'43953782_/6621653'		4.2	5.4	10	1.712	10	8.54	3.03 No	1.712 Thermal Discharging
RLK073	69	'5584547_/5585049'		1.23	1.87	3.33	0.568	0.5	2.93	1.01 No	0.5 Element Fault
RLK073	70	'43953723_/43953725'		1.43	1.8	3.33	0.568	1.1	2.85	1.01 No	0.568 Thermal Discharging
RLK073	71	'6622311_/6622325'		4.1	5.4	10	1.712	10	8.45	3.03 No	1.712 Thermal Discharging
RLK073	72	'76811254_/6622308_2'		4.1	5.3	10	1.712	10	8.42	3.03 No	1.712 Thermal Discharging
RLK073	73	'6619723_/6622308_1'		4.1	5.3	10	1.712	10	8.41	3.03 No	1.712 Thermal Discharging
RLK073	74	'5581935_/5581932'		1.33	1.8	3.33	0.568	0.5	2.84	1.01 No	0.5 Element Fault
RLK073	75	'6617969_/6622288'		4.1	5.3	10	1.712	10	8.34	3.03 No	1.712 Thermal Discharging
RLK073	76	'6620727_/6620724_2'		1.43	1.77	3.33	0.568	1.1	2.81	1.01 No	0.568 Thermal Discharging
RLK073	77	'6621585_/6621602'		4.1	5.2	10	1.712	10	8.28	3.03 No	1.712 Thermal Discharging
RLK073	78	'43742574_/43742576'		1.3	1.8	3.33	0.568	1.2	2.84	1.01 No	0.568 Thermal Discharging
RLK073	79	'6618012_/6618010_1'		1.4	1.77	3.33	0.568	0.5	2.78	1.01 No	0.5 Element Fault
RLK073	80	'6617983_/6619720_2'		2.67	3.47	6.67	1.144	2.5	5.51	2.02 No	1.144 Thermal Discharging
RLK073	81	'8090207_/9662748_1'		1.37	1.73	3.33	0.568	0.5	2.75	1.01 No	0.5 Element Fault
RLK073	82	'43953607_/6621582'		4	5.2	10	1.712	10	8.19	3.03 No	1.712 Thermal Discharging
RLK073	83	'7455587_/8715230'		1.33	1.73	3.33	0.568	1.5	2.73	1.01 No	0.568 Thermal Discharging
RLK073	84	'5581892_/5581890'		1.3	1.73	3.33	0.568	0.5	2.77	1.01 No	0.5 Element Fault
RLK073	85	'6621567_/6621565'		4	5.1	10	1.712	10	8.1	3.03 No	1.712 Thermal Discharging
RLK073	86	'5584559_/5584667'		1.17	1.77	3.33	0.568	0.5	2.81	1.01 No	0.5 Element Fault
RLK073	87	'6617982_/6619720_1'		2.6	3.4	6.67	1.144	2.5	5.42	2.02 No	1.144 Thermal Discharging
RLK073	88	'43953620_/43953622'		3.9	5	10	1.712	10	7.99	3.03 No	1.712 Thermal Discharging
RLK073	89	'5584417_/5584544'		1.17	1.73	3.33	0.568	0.5	2.76	1.01 No	0.5 Element Fault
RLK073	90	'6620714_/6620724_1'		1.33	1.7	3.33	0.568	0.5	2.69	1.01 No	0.5 Element Fault
RLK073	91	'43953795_/6617967'		1.37	1.67	3.33	0.568	1.1	2.66	1.01 No	0.568 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RLK073	92	'6618119_/_6621690'		3.9	5	10	1.712	10	7.9	3.03 No	1.712 Thermal Discharging
RLK073	93	'5581948_/_5581945'		1.27	1.7	3.33	0.568	0.5	2.7	1.01 No	0.5 Element Fault
RLK073	94	'7720200_/_7720198_1'		1.13	1.73	3.33	0.568	0.3	2.74	1.01 No	0.3 Element Fault
RLK073	95	'6618136_/_6621670'		3.9	4.9	10	1.712	10	7.85	3.03 No	1.712 Thermal Discharging
RLK073	96	'6618080_/_6618078_1'		1.3	1.63	3.33	0.568	0.5	2.62	1.01 No	0.5 Element Fault
RLK073	97	'6617940_/_6617938_1'		1.37	1.67	3.33	0.568	0.5	2.64	1.01 No	0.5 Element Fault
RLK073	98	'6621781_/_6621795'		3.9	4.9	10	1.712	10	7.79	3.03 No	1.712 Thermal Discharging
RLK073	99	'5585010_/_5585020'		1.23	1.7	3.33	0.568	1.2	2.7	1.01 No	0.568 Thermal Discharging
RLK073	100	'5584560_/_5584557'		1.13	1.7	3.33	0.568	0.5	2.71	1.01 No	0.5 Element Fault
RLK073	101	'43953655_/_6621778'		3.8	4.8	10	1.712	10	7.71	3.03 No	1.712 Thermal Discharging
RLK073	102	'6618203_/_6621761'		3.8	4.8	10	1.712	10	7.63	3.03 No	1.712 Thermal Discharging
RLK073	103	'43741617_/_5581971'		1.23	1.63	3.33	0.568	0.5	2.63	1.01 No	0.5 Element Fault
RLK073	104	'9662751_/_9662748_2'		1.37	1.6	3.33	0.568	0.5	2.58	1.01 No	0.5 Element Fault
RLK073	105	'6618177_/_6618175_1'		1.27	1.6	3.33	0.568	1.1	2.53	1.01 No	0.568 Thermal Discharging
RLK073	106	'6618067_/_6618065'		1.3	1.6	3.33	0.568	0.5	2.58	1.01 No	0.5 Element Fault
RLK073	107	'7455586_/_7455584'		1.23	1.6	3.33	0.568	0.5	2.57	1.01 No	0.5 Element Fault
RLK073	108	'43954015_/_6621741'		3.8	4.7	10	1.712	10	7.55	3.03 No	1.712 Thermal Discharging
RLK073	109	'6618081_/_6618078_2'		1.3	1.6	3.33	0.568	0.5	2.53	1.01 No	0.5 Element Fault
RLK073	110	'6618162_/_6618159_2'		1.27	1.57	3.33	0.568	1.1	2.52	1.01 No	0.568 Thermal Discharging
RLK073	111	'6621726_/_6621724'		3.8	4.7	10	1.712	10	7.49	3.03 No	1.712 Thermal Discharging
RLK073	112	'589473740_/_6618175_2'		1.27	1.57	3.33	0.568	0.5	2.5	1.01 No	0.5 Element Fault
RLK073	113	'145364145_/_6618133_2'		1.3	1.57	3.33	0.568	1.3	2.51	1.01 No	0.568 Thermal Discharging
RLK073	114	'6623120_/_6623134'		3.7	4.7	10	1.712	10	7.44	3.03 No	1.712 Thermal Discharging
RLK073	115	'6619740_/_6619738'		2.4	3.13	6.67	1.144	2.5	5.08	2.02 No	1.144 Thermal Discharging
RLK073	116	'43953690_/_6618133_1'		1.3	1.57	3.33	0.568	0.6	2.5	1.01 No	0.568 Thermal Discharging
RLK073	117	'43742294_/_5593428'		1.07	1.63	3.33	0.568	0.5	2.6	1.01 No	0.5 Element Fault
RLK073	118	'43742272_/_5584414'		1.07	1.63	3.33	0.568	0.5	2.6	1.01 No	0.5 Element Fault
RLK073	119	'6617737_/_6620711'		1.23	1.6	3.33	0.568	0.5	2.55	1.01 No	0.5 Element Fault
RLK073	120	'6622943_/_6623117'		3.7	4.6	10	1.712	10	7.4	3.03 No	1.712 Thermal Discharging
RLK073	121	'6617941_/_6617938_2'		1.27	1.57	3.33	0.568	0.5	2.52	1.01 No	0.5 Element Fault
RLK073	122	'66925487_/_66925484'		3.7	4.6	10	1.712	10	7.35	3.03 No	1.712 Thermal Discharging
RLK073	123	'6623043_/_6623040_2'		1.23	1.53	3.33	0.568	1.6	2.45	1.01 No	0.568 Thermal Discharging
RLK073	124	'5585039_/_5585036'		1.03	1.6	3.33	0.568	0.5	2.57	1.01 No	0.5 Element Fault
RLK073	125	'6623069_/_6623100'		3.7	4.6	10	1.712	10	7.29	3.03 No	1.712 Thermal Discharging
RLK073	126	'6620892_/_6623066'		3.7	4.5	10	1.712	10	7.24	3.03 No	1.712 Thermal Discharging
RLK073	127	'6623027_/_6623040_1'		1.23	1.5	3.33	0.568	0.5	2.42	1.01 No	0.5 Element Fault
RLK073	128	'73908499_/_5585007'		1.17	1.57	3.33	0.568	1.2	2.53	1.01 No	0.568 Thermal Discharging
RLK073	129	'6607779_/_6620889'		3.6	4.5	10	1.712	10	7.18	3.03 No	1.712 Thermal Discharging
RLK073	130	'6618178_/_6618175_3'		1.27	1.5	3.33	0.568	0.5	2.42	1.01 No	0.5 Element Fault
RLK073	131	'7406785_/_7406782'		1.1	1.57	3.33	0.568	0.53	2.51	1.01 No	0.53 Element Fault
RLK073	132	'6614515_/_6614512'		3.6	4.5	10	1.712	10	7.15	3.03 No	1.712 Thermal Discharging
RLK073	133	'6618149_/_6618159_1'		1.27	1.5	3.33	0.568	0.5	2.41	1.01 No	0.5 Element Fault
RLK073	134	'43952782_/_6620906'		3.6	4.4	10	1.712	10	7.13	3.03 No	1.712 Thermal Discharging
RLK073	135	'43952719_/_6620994'		3.6	4.5	10	1.712	10	7.13	3.03 No	1.712 Thermal Discharging
RLK073	136	'5581960_/_5581958'		1.13	1.53	3.33	0.568	0.5	2.48	1.01 No	0.5 Element Fault
RLK073	137	'77532485_/_73908466_2'		1.13	1.57	3.33	0.568	1.2	2.5	1.01 No	0.568 Thermal Discharging
RLK073	138	'73908572_/_73908509'		1.13	1.53	3.33	0.568	1.2	2.5	1.01 No	0.568 Thermal Discharging
RLK073	139	'5593431_/_43742296'		1.03	1.57	3.33	0.568	0.5	2.5	1.01 No	0.5 Element Fault
RLK073	140	'6620926_/_43952784'		3.6	4.4	10	1.712	10	7.1	3.03 No	1.712 Thermal Discharging
RLK073	141	'6620946_/_6620943'		3.6	4.4	10	1.712	10	7.04	3.03 No	1.712 Thermal Discharging
RLK073	142	'73908636_/_73908592_2'		1.13	1.53	3.33	0.568	1.2	2.47	1.01 No	0.568 Thermal Discharging
RLK073	143	'43952795_/_6620960'		3.6	4.4	10	1.712	10	7	3.03 No	1.712 Thermal Discharging
RLK073	144	'43953633_/_6618091'		1.27	1.47	3.33	0.568	0.5	2.38	1.01 No	0.5 Element Fault
RLK073	145	'413278921_/_6618104'		1.27	1.47	3.33	0.568	0.5	2.38	1.01 No	0.5 Element Fault
RLK073	146	'6618246_/_6618259'		1.27	1.47	3.33	0.568	0.6	2.38	1.01 No	0.568 Thermal Discharging
RLK073	147	'6617862_/_6617954'		1.2	1.47	3.33	0.568	0.5	2.4	1.01 No	0.5 Element Fault
RLK073	148	'6622076_/_43952797'		3.6	4.3	10	1.712	10	6.95	3.03 No	1.712 Thermal Discharging
RLK073	149	'43954409_/_43954411'		1.2	1.5	3.33	0.568	0.5	2.41	1.01 No	0.5 Element Fault
RLK073	150	'6623014_/_6623024'		1.23	1.43	3.33	0.568	0.5	2.33	1.01 No	0.5 Element Fault
RLK073	151	'73908504_/_73908466_1'		1.1	1.5	3.33	0.568	0.3	2.44	1.01 No	0.3 Element Fault
RLK073	152	'6614501_/_6622093'		3.5	4.3	10	1.712	10	6.91	3.03 No	1.712 Thermal Discharging
RLK073	153	'5584939_/_5584936_2'		1.1	1.5	3.33	0.568	0.3	2.43	1.01 No	0.3 Element Fault
RLK073	154	'43953734_/_43953736'		1.17	1.47	3.33	0.568	0.5	2.4	1.01 No	0.5 Element Fault
RLK073	155	'353797681_/_9369962_1'		3.5	4.3	10	1.712	10	6.89	3.03 No	1.712 Thermal Discharging
RLK073	156	'7720201_/_7720198_2'		1	1.5	3.33	0.568	0.3	2.44	1.01 No	0.3 Element Fault
RLK073	157	'5585453_/_5585451'		1	1.5	3.33	0.568	0.5	2.44	1.01 No	0.5 Element Fault
RLK073	158	'6618148_/_6618146'		1.27	1.43	3.33	0.568	0.5	2.33	1.01 No	0.5 Element Fault
RLK073	159	'43953770_/_43953772'		2.2	2.93	6.67	1.144	2.5	4.75	2.02 No	1.144 Thermal Discharging
RLK073	160	'6618191_/_43953646'		1.27	1.43	3.33	0.568	0.5	2.33	1.01 No	0.5 Element Fault
RLK073	161	'43952708_/_6607777'		1.2	1.43	3.33	0.568	1.1	2.3	1.01 No	0.568 Thermal Discharging
RLK073	162	'6618233_/_6618243'		1.23	1.43	3.33	0.568	0.6	2.33	1.01 No	0.568 Thermal Discharging
RLK073	163	'73908612_/_73908592_1'		1.1	1.5	3.33	0.568	0.3	2.41	1.01 No	0.3 Element Fault
RLK073	164	'5584336_/_5584333_2'		1.1	1.5	3.33	0.568	0.3	2.4	1.01 No	0.3 Element Fault
RLK073	165	'6614488_/_6614499'		1.17	1.4	3.33	0.568	1.2	2.27	1.01 No	0.568 Thermal Discharging
RLK073	166	'6624512_/_6624522_1'		1.17	1.4	3.33	0.568	0.5	2.26	1.01 No	0.5 Element Fault
RLK073	167	'5591277_/_5591275'		0.97	1.5	3.33	0.568	0.5	2.4	1.01 No	0.5 Element Fault
RLK073	168	'43742238_/_43742240'		0.97	1.5	3.33	0.568	0.5	2.39	1.01 No	0.5 Element Fault
RLK073	169	'5581987_/_5582000'		1.07	1.47	3.33	0.568	0.5	2.36	1.01 No	0.5 Element Fault
RLK073	170	'5584404_/_5591288'		0.97	1.47	3.33	0.568	0.5	2.39	1.01 No	0.5 Element Fault
RLK073	171	'5594481_/_5594478'		1.07	1.47	3.33	0.568	0.3	2.36	1.01 No	0.3 Element Fault
RLK073	172	'43741606_/_43741608'		1.07	1.43	3.33	0.568	0.5	2.33	1.01 No	0.5 Element Fault
RLK073	173	'5584938_/_5584936_1'		1.07	1.43	3.33	0.568	0.3	2.34	1.01 No	0.3 Element Fault
RLK073	174	'43954590_/_43954592'		1.23	1.4	3.33	0.568	0.5	2.24	1.01 No	0.5 Element Fault
RLK073	175	'6617849_/_6617860'		1.13	1.4	3.33	0.568	0.5	2.29	1.01 No	0.5 Element Fault
RLK073	176	'5591303_/_5591301'		0.93	1.47	3.33	0.568	0.3	2.34	1.01 No	0.3 Element Fault
RLK073	177	'6618277_/_6618230'		1.2	1.4	3.33	0.568	0.6	2.26	1.01 No	0.568 Thermal Discharging
RLK073	178	'6607780_/_43952710'		1.23	1.37	3.33	0.568	1.1	2.21	1.01 No	0.568 Thermal Discharging
RLK073	179	'6617708_/_6617721'		1.07	1.4	3.33	0.568	0.5	2.28	1.01 No	0.5 Element Fault
RLK073	180	'6617876_/_6617873'		1.17	1.37	3.33	0.568	0.5	2.23	1.01 No	0.5 Element Fault
RLK073	181	'6624525_/_6624522_2'		1.2	1.33	3.33	0.568	0.5	2.18	1.01 No	0.5 Element Fault
RLK073	182	'6624432_/_6624447'		2.07	2.73	6.67	1.144	2.5	4.5	2.02 No	1.144 Thermal Discharging
RLK073	183	'70072153_/_9369962_2'		3.4	4	10	1.712	10	6.46	3.03 No	1.712 Thermal Discharging
RLK073	184	'5584403_/_5584401'		0.93	1.4	3.33	0.568	0.5	2.29	1.01 No	0.5 Element Fault
RLK073	185	'8715265_/_8715262_1'		1.03	1.37	3.33	0.568	0.5	2.24	1.01 No	0.5 Element Fault

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RLK073	186	'5594891_/_5594889'		1	1.4	3.33	0.568	0.3	2.27	1.01 No	0.3 Element Fault
RLK073	187	'5581986_/_5581984'		1	1.37	3.33	0.568	0.5	2.25	1.01 No	0.5 Element Fault
RLK073	188	'5584320_/_5584333_1'		1	1.4	3.33	0.568	0.3	2.26	1.01 No	0.3 Element Fault
RLK073	189	'6618052_/_6620325'		1.07	1.37	3.33	0.568	0.5	2.23	1.01 No	0.5 Element Fault
RLK073	190	'43953095_/_6614486'		1.2	1.33	3.33	0.568	1.2	2.14	1.01 No	0.568 Thermal Discharging
RLK073	191	'5582029_/_5582039'		1	1.37	3.33	0.568	0.5	2.23	1.01 No	0.5 Element Fault
RLK073	192	'6615866_/_6617847'		1.07	1.33	3.33	0.568	0.5	2.19	1.01 No	0.5 Element Fault
RLK073	193	'6614489_/_6620617_1'		1.2	1.3	3.33	0.568	1.2	2.13	1.01 No	0.568 Thermal Discharging
RLK073	194	'6624723_/_6624733'		1.07	1.33	3.33	0.568	0.5	2.19	1.01 No	0.5 Element Fault
RLK073	195	'6617889_/_6617886'		1.13	1.33	3.33	0.568	0.5	2.17	1.01 No	0.5 Element Fault
RLK073	196	'6622914_/_6622995'		1.2	1.33	3.33	0.568	0.5	2.14	1.01 No	0.5 Element Fault
RLK073	197	'6618278_/_6618275'		1.13	1.33	3.33	0.568	0.6	2.16	1.01 No	0.568 Thermal Discharging
RLK073	198	'5594978_/_5594975'		1	1.37	3.33	0.568	0.3	2.23	1.01 No	0.3 Element Fault
RLK073	199	'7765023_/_70072150_1'		3.3	3.8	10	1.712	10	6.28	3.03 No	1.712 Thermal Discharging
RLK073	200	'7809325_/_8715246'		1	1.33	3.33	0.568	0.5	2.18	1.01 No	0.5 Element Fault
RLK073	201	'6463435_/_70072150_2'		3.3	3.8	10	1.712	10	6.27	3.03 No	1.712 Thermal Discharging
RLK073	202	'6469545_/_6469559_1'		3.3	3.8	10	1.712	1.6	6.27	3.03 No	1.6 Element Fault
RLK073	203	'43953679_/_43953681'		1.13	1.3	3.33	0.568	0.6	2.14	1.01 No	0.568 Thermal Discharging
RLK073	204	'6461549_/_6469559_2'		3.3	3.8	10	1.712	1.6	6.22	3.03 No	1.6 Element Fault
RLK073	205	'6469179_/_6469176'		3.3	3.8	10	1.712	10	6.22	3.03 No	1.712 Thermal Discharging
RLK073	206	'5584307_/_5584994'		1	1.33	3.33	0.568	1	2.21	1.01 No	0.568 Thermal Discharging
RLK073	207	'52103410_/_6469315'		3.3	3.8	10	1.712	10	6.2	3.03 No	1.712 Thermal Discharging
RLK073	208	'6461533_/_43923592_2'		1.1	1.27	3.33	0.568	0.53	2.07	1.01 No	0.53 Element Fault
RLK073	209	'6617707_/_6617705'		1	1.33	3.33	0.568	0.5	2.16	1.01 No	0.5 Element Fault
RLK073	210	'6469199_/_6469196'		3.3	3.8	10	1.712	10	6.18	3.03 No	1.712 Thermal Discharging
RLK073	211	'5584654_/_5584651'		0.87	1.33	3.33	0.568	0.5	2.2	1.01 No	0.5 Element Fault
RLK073	212	'6622901_/_6622911'		1.13	1.27	3.33	0.568	0.5	2.08	1.01 No	0.5 Element Fault
RLK073	213	'6469335_/_6469332'		3.3	3.7	10	1.712	10	6.13	3.03 No	1.712 Thermal Discharging
RLK073	214	'43923590_/_43923592_1'		1.1	1.27	3.33	0.568	0.3	2.05	1.01 No	0.3 Element Fault
RLK073	215	'7407261_/_9300450'		0.87	1.33	3.33	0.568	0.3	2.18	1.01 No	0.3 Element Fault
RLK073	216	'6463436_/_6463433'		1.07	1.23	3.33	0.568	1.1	2.05	1.01 No	0.568 Thermal Discharging
RLK073	217	'7719883_/_7719880'		0.9	1.33	3.33	0.568	0.53	2.17	1.01 No	0.53 Element Fault
RLK073	218	'5584628_/_5584638'		0.87	1.33	3.33	0.568	0.5	2.17	1.01 No	0.5 Element Fault
RLK073	219	'6620620_/_6620617_2'		1.2	1.27	3.33	0.568	1.2	2.06	1.01 No	0.568 Thermal Discharging
RLK073	220	'6469352_/_6469349'		3.3	3.7	10	1.712	10	6.09	3.03 No	1.712 Thermal Discharging
RLK073	221	'6618463_/_6618476'		1.1	1.27	3.33	0.568	0.6	2.09	1.01 No	0.568 Thermal Discharging
RLK073	222	'43924030_/_6469366'		3.3	3.7	10	1.712	10	6.05	3.03 No	1.712 Thermal Discharging
RLK073	223	'5582016_/_5582026'		0.93	1.3	3.33	0.568	0.5	2.13	1.01 No	0.5 Element Fault
RLK073	224	'6618491_/_6618515'		1.1	1.27	3.33	0.568	0.6	2.08	1.01 No	0.568 Thermal Discharging
RLK073	225	'6617902_/_6617899'		1.07	1.27	3.33	0.568	0.5	2.08	1.01 No	0.5 Element Fault
RLK073	226	'6469386_/_43924032_1'		3.3	3.7	10	1.712	10	6.01	3.03 No	1.712 Thermal Discharging
RLK073	227	'6462577_/_43924032_2'		3.3	3.7	10	1.712	10	6.01	3.03 No	1.712 Thermal Discharging
RLK073	228	'43953806_/_6624720'		1	1.27	3.33	0.568	0.5	2.09	1.01 No	0.5 Element Fault
RLK073	229	'6461601_/_6463449'		3.2	3.7	10	1.712	1.6	6.03	3.03 No	1.6 Element Fault
RLK073	230	'6462548_/_6462546_1'		1.1	1.23	3.33	0.568	0.5	1.99	1.01 No	0.5 Element Fault
RLK073	231	'6617998_/_6624429'		1.87	2.53	6.67	1.144	2.5	4.18	2.02 No	1.144 Thermal Discharging
RLK073	232	'6469406_/_6469403'		3.3	3.6	10	1.712	10	5.96	3.03 No	1.712 Thermal Discharging
RLK073	233	'6463469_/_6463466'		3.2	3.7	10	1.712	1.6	6.01	3.03 No	1.6 Element Fault
RLK073	234	'43743631_/_43743633'		0.93	1.3	3.33	0.568	0.3	2.11	1.01 No	0.3 Element Fault
RLK073	235	'6618408_/_6618418'		1.07	1.23	3.33	0.568	0.6	2.05	1.01 No	0.568 Thermal Discharging
RLK073	236	'6620457_/_6620630'		1.17	1.23	3.33	0.568	1.2	2.02	1.01 No	0.568 Thermal Discharging
RLK073	237	'6462549_/_6462546_2'		1.1	1.2	3.33	0.568	0.5	1.98	1.01 No	0.5 Element Fault
RLK073	238	'6461588_/_43923614_2'		1.03	1.2	3.33	0.568	0.53	1.99	1.01 No	0.53 Element Fault
RLK073	239	'6462590_/_6469437'		3.3	3.6	10	1.712	10	5.92	3.03 No	1.712 Thermal Discharging
RLK073	240	'6618039_/_6618049'		1	1.27	3.33	0.568	0.5	2.07	1.01 No	0.5 Element Fault
RLK073	241	'6620458_/_6620468_1'		1.17	1.23	3.33	0.568	0.2	2	1.01 No	0.2 Element Fault
RLK073	242	'43954579_/_6622898'		1.1	1.23	3.33	0.568	0.5	2.02	1.01 No	0.5 Element Fault
RLK073	243	'43954039_/_6615864'		1	1.23	3.33	0.568	0.5	2.06	1.01 No	0.5 Element Fault
RLK073	244	'6470255_/_6470252'		3.3	3.6	10	1.712	10	5.89	3.03 No	1.712 Thermal Discharging
RLK073	245	'6462591_/_6465149_1'		1.1	1.2	3.33	0.568	0.5	1.96	1.01 No	0.5 Element Fault
RLK073	246	'6469456_/_6470272'		3.2	3.6	10	1.712	10	5.87	3.03 No	1.712 Thermal Discharging
RLK073	247	'6618492_/_6618489'		1.07	1.23	3.33	0.568	0.6	2.03	1.01 No	0.568 Thermal Discharging
RLK073	248	'43924356_/_6470289'		3.2	3.6	10	1.712	10	5.85	3.03 No	1.712 Thermal Discharging
RLK073	249	'6469457_/_6469454'		3.2	3.6	10	1.712	10	5.84	3.03 No	1.712 Thermal Discharging
RLK073	250	'6462603_/_6465149_2'		1.1	1.2	3.33	0.568	0.5	1.95	1.01 No	0.5 Element Fault
RLK073	251	'6465097_/_6465095_1'		3.2	3.6	10	1.712	1.6	5.82	3.03 No	1.6 Element Fault
RLK073	252	'6469474_/_6469471'		3.2	3.5	10	1.712	10	5.8	3.03 No	1.712 Thermal Discharging
RLK073	253	'5584391_/_5584625'		0.83	1.27	3.33	0.568	0.5	2.08	1.01 No	0.5 Element Fault
RLK073	254	'6618505_/_6618502'		1.03	1.23	3.33	0.568	0.6	2.01	1.01 No	0.568 Thermal Discharging
RLK073	255	'43923997_/_6462559'		1.1	1.17	3.33	0.568	0.5	1.94	1.01 No	0.5 Element Fault
RLK073	256	'76631410_/_5595002'		0.9	1.23	3.33	0.568	0.3	2.07	1.01 No	0.3 Element Fault
RLK073	257	'6469491_/_6469488'		3.2	3.5	10	1.712	10	5.77	3.03 No	1.712 Thermal Discharging
RLK073	258	'6620471_/_6620468_2'		1.13	1.2	3.33	0.568	0.2	1.96	1.01 No	0.2 Element Fault
RLK073	259	'5582015_/_5582013'		0.9	1.23	3.33	0.568	0.5	2.04	1.01 No	0.5 Element Fault
RLK073	260	'7809326_/_7809323'		0.9	1.23	3.33	0.568	0.5	2.02	1.01 No	0.5 Element Fault
RLK073	261	'43923962_/_6469505'		3.2	3.5	10	1.712	10	5.73	3.03 No	1.712 Thermal Discharging
RLK073	262	'6463489_/_6463506'		3	3.5	10	1.712	1.6	5.83	3.03 No	1.6 Element Fault
RLK073	263	'8444725_/_8762714'		0.9	1.23	3.33	0.568	0.5	2.01	1.01 No	0.5 Element Fault
RLK073	264	'6617821_/_6617831'		0.97	1.2	3.33	0.568	0.5	2.01	1.01 No	0.5 Element Fault
RLK073	265	'8137023_/_8444723'		0.9	1.2	3.33	0.568	0.5	2.01	1.01 No	0.5 Element Fault
RLK073	266	'43923949_/_6465095_2'		3.2	3.5	10	1.712	1.6	5.72	3.03 No	1.6 Element Fault
RLK073	267	'6469524_/_43923964'		3.2	3.5	10	1.712	10	5.69	3.03 No	1.712 Thermal Discharging
RLK073	268	'43923578_/_43923580'		1	1.17	3.33	0.568	0.3	1.93	1.01 No	0.3 Element Fault
RLK073	269	'6469525_/_6469522'		3.2	3.5	10	1.712	10	5.66	3.03 No	1.712 Thermal Discharging
RLK073	270	'6462604_/_6462601'		1.1	1.17	3.33	0.568	0.5	1.9	1.01 No	0.5 Element Fault
RLK073	271	'6614206_/_6620604'		1.1	1.17	3.33	0.568	1.1	1.93	1.01 No	0.568 Thermal Discharging
RLK073	272	'43923612_/_43923614_1'		1	1.17	3.33	0.568	0.3	1.91	1.01 No	0.3 Element Fault
RLK073	273	'43923842_/_6469874'		3.1	3.4	10	1.712	10	5.63	3.03 No	1.712 Thermal Discharging
RLK073	274	'6618531_/_6618528'		1	1.2	3.33	0.568	0.6	1.96	1.01 No	0.568 Thermal Discharging
RLK073	275	'5584390_/_5584388'		0.8	1.23	3.33	0.568	0.5	2.02	1.01 No	0.5 Element Fault
RLK073	276	'6469894_/_6469891'		3.1	3.4	10	1.712	10	5.6	3.03 No	1.712 Thermal Discharging
RLK073	277	'37978586_/_8715262_2'		0.87	1.2	3.33	0.568	0.5	1.98	1.01 No	0.5 Element Fault
RLK073	278	'6622875_/_6622885'		1.03	1.17	3.33	0.568	0.5	1.93	1.01 No	0.5 Element Fault
RLK073	279	'37978579_/_37978583'		0.87	1.2	3.33	0.568	0.5	1.98	1.01 No	0.5 Element Fault

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RLK073	280	'37978572_/_37978576'		0.87	1.2	3.33	0.568	0.5	1.98	1.01 No	0.5 Element Fault
RLK073	281	'405038120_/_405038117'		0.87	1.2	3.33	0.568	0.5	1.98	1.01 No	0.5 Element Fault
RLK073	282	'37978600_/_37978604'		0.87	1.2	3.33	0.568	0.5	1.98	1.01 No	0.5 Element Fault
RLK073	283	'6618395_/_6618405'		1	1.17	3.33	0.568	0.6	1.95	1.01 No	0.568 Thermal Discharging
RLK073	284	'6469805_/_6469908'		3.1	3.4	10	1.712	10	5.57	3.03 No	1.712 Thermal Discharging
RLK073	285	'43923829_/_6469928'		3.1	3.4	10	1.712	10	5.56	3.03 No	1.712 Thermal Discharging
RLK073	286	'6469806_/_6469803'		3.1	3.4	10	1.712	10	5.55	3.03 No	1.712 Thermal Discharging
RLK073	287	'6462617_/_6462614'		1.1	1.13	3.33	0.568	0.5	1.88	1.01 No	0.5 Element Fault
RLK073	288	'6463488_/_6463486'		2.9	3.4	10	1.712	1.6	5.68	3.03 No	1.6 Element Fault
RLK073	289	'6469931_/_43923831'		3.1	3.4	10	1.712	1.5	5.54	3.03 No	1.5 Element Fault
RLK073	290	'43742283_/_5593444'		0.77	1.2	3.33	0.568	0.5	2	1.01 No	0.5 Element Fault
RLK073	291	'6620484_/_6620481'		1.07	1.17	3.33	0.568	0.2	1.9	1.01 No	0.2 Element Fault
RLK073	292	'5584319_/_5584317'		0.87	1.2	3.33	0.568	0.3	1.98	1.01 No	0.3 Element Fault
RLK073	293	'6463865_/_6469820'		3.1	3.4	10	1.712	10	5.53	3.03 No	1.712 Thermal Discharging
RLK073	294	'5584294_/_5584304'		0.9	1.2	3.33	0.568	1	2	1.01 No	0.568 Thermal Discharging
RLK073	295	'43741595_/_5582078'		0.87	1.2	3.33	0.568	0.5	1.97	1.01 No	0.5 Element Fault
RLK073	296	'43954691_/_6623742'		0.93	1.17	3.33	0.568	0.5	1.95	1.01 No	0.5 Element Fault
RLK073	297	'6465115_/_6465112'		3.1	3.4	10	1.712	1.6	5.59	3.03 No	1.6 Element Fault
RLK073	298	'6624499_/_6624496'		1	1.17	3.33	0.568	0.6	1.93	1.01 No	0.568 Thermal Discharging
RLK073	299	'6617808_/_6617818'		0.93	1.17	3.33	0.568	0.5	1.94	1.01 No	0.5 Element Fault
RLK073	300	'43924249_/_6469840'		3.1	3.4	10	1.712	10	5.5	3.03 No	1.712 Thermal Discharging
RLK073	301	'444263183_/_6463863_1'		1.03	1.13	3.33	0.568	0.5	1.83	1.01 No	0.5 Element Fault
RLK073	302	'6616156_/_6618392'		1	1.17	3.33	0.568	0.6	1.91	1.01 No	0.568 Thermal Discharging
RLK073	303	'6614207_/_6614204'		1.07	1.13	3.33	0.568	1.1	1.88	1.01 No	0.568 Thermal Discharging
RLK073	304	'6469717_/_6469857'		3.1	3.3	10	1.712	10	5.47	3.03 No	1.712 Thermal Discharging
RLK073	305	'6618038_/_6618036'		0.9	1.17	3.33	0.568	0.5	1.94	1.01 No	0.5 Element Fault
RLK073	306	'6469718_/_6469715'		3.1	3.3	10	1.712	10	5.44	3.03 No	1.712 Thermal Discharging
RLK073	307	'7455555_/_7887817'		0.83	1.17	3.33	0.568	0.5	1.93	1.01 No	0.5 Element Fault
RLK073	308	'43953758_/_6617995'		1.67	2.33	6.67	1.144	2.5	3.87	2.02 No	1.144 Thermal Discharging
RLK073	309	'6463853_/_6463850_2'		1.03	1.1	3.33	0.568	0.9	1.82	1.01 No	0.568 Thermal Discharging
RLK073	310	'76445561_/_6463950'		2.9	3.4	10	1.712	1.6	5.59	3.03 No	1.6 Element Fault
RLK073	311	'6463745_/_6469732'		3	3.3	10	1.712	10	5.43	3.03 No	1.712 Thermal Discharging
RLK073	312	'6617795_/_6617805'		0.9	1.17	3.33	0.568	0.5	1.92	1.01 No	0.5 Element Fault
RLK073	313	'43954568_/_6622872'		1	1.13	3.33	0.568	0.5	1.88	1.01 No	0.5 Element Fault
RLK073	314	'6461507_/_6461517'		0.97	1.13	3.33	0.568	0.3	1.85	1.01 No	0.3 Element Fault
RLK073	315	'6463953_/_9343274_2'		2.9	3.4	10	1.712	1.6	5.58	3.03 No	1.6 Element Fault
RLK073	316	'5584599_/_5584612'		0.77	1.2	3.33	0.568	0.5	1.95	1.01 No	0.5 Element Fault
RLK073	317	'390958612_/_6472223_2'		3	3.3	10	1.712	3.6	5.41	3.03 No	1.712 Thermal Discharging
RLK073	318	'7768932_/_7768929'		0.83	1.13	3.33	0.568	0.5	1.92	1.01 No	0.5 Element Fault
RLK073	319	'6618447_/_6618460'		0.97	1.13	3.33	0.568	0.6	1.9	1.01 No	0.568 Thermal Discharging
RLK073	320	'6469700_/_6469786'		3	3.3	10	1.712	10	5.4	3.03 No	1.712 Thermal Discharging
RLK073	321	'7407260_/_7407258'		0.77	1.2	3.33	0.568	0.3	1.95	1.01 No	0.3 Element Fault
RLK073	322	'43923986_/_6462695'		1.07	1.1	3.33	0.568	0.5	1.83	1.01 No	0.5 Element Fault
RLK073	323	'6461574_/_6461572'		0.93	1.1	3.33	0.568	0.3	1.84	1.01 No	0.3 Element Fault
RLK073	324	'8137024_/_8137021'		0.83	1.13	3.33	0.568	0.5	1.91	1.01 No	0.5 Element Fault
RLK073	325	'6618544_/_6618541'		0.97	1.13	3.33	0.568	0.6	1.88	1.01 No	0.568 Thermal Discharging
RLK073	326	'6469578_/_6469698'		3	3.3	10	1.712	10	5.38	3.03 No	1.712 Thermal Discharging
RLK073	327	'6623732_/_6623729'		0.9	1.13	3.33	0.568	0.5	1.9	1.01 No	0.5 Element Fault
RLK073	328	'6469579_/_6469576'		3	3.3	10	1.712	10	5.36	3.03 No	1.712 Thermal Discharging
RLK073	329	'6465249_/_6465246'		3	3.3	10	1.712	1.6	5.45	3.03 No	1.6 Element Fault
RLK073	330	'6469649_/_6469664_1'		3	3.3	10	1.712	1.5	5.35	3.03 No	1.5 Element Fault
RLK073	331	'6463662_/_6469664_2'		3	3.3	10	1.712	1.5	5.35	3.03 No	1.5 Element Fault
RLK073	332	'6462630_/_6462627'		1.07	1.1	3.33	0.568	0.5	1.82	1.01 No	0.5 Element Fault
RLK073	333	'43954466_/_6620643'		1.03	1.1	3.33	0.568	0.2	1.84	1.01 No	0.2 Element Fault
RLK073	334	'6463746_/_6463743'		1	1.1	3.33	0.568	1.2	1.78	1.01 No	0.568 Thermal Discharging
RLK073	335	'5582068_/_5582091'		0.83	1.17	3.33	0.568	0.5	1.9	1.01 No	0.5 Element Fault
RLK073	336	'6469615_/_6469681'		3	3.2	10	1.712	10	5.32	3.03 No	1.712 Thermal Discharging
RLK073	337	'390958582_/_6463756_1'		1	1.07	3.33	0.568	0.3	1.78	1.01 No	0.3 Element Fault
RLK073	338	'6419984_/_6469596'		3	3.2	10	1.712	10	5.28	3.03 No	1.712 Thermal Discharging
RLK073	339	'6614220_/_6614217'		1.03	1.1	3.33	0.568	1.1	1.82	1.01 No	0.568 Thermal Discharging
RLK073	340	'6484169_/_6484190_2'		3	3.2	10	1.712	4.9	5.27	3.03 No	1.712 Thermal Discharging
RLK073	341	'6461494_/_6461504'		0.93	1.1	3.33	0.568	0.3	1.81	1.01 No	0.3 Element Fault
RLK073	342	'380875979_/_6419982_2'		1	1.07	3.33	0.568	1.1	1.75	1.01 No	0.568 Thermal Discharging
RLK073	343	'43923818_/_6463863_2'		1.03	1.07	3.33	0.568	0.5	1.77	1.01 No	0.5 Element Fault
RLK073	344	'6616155_/_6616153'		0.97	1.1	3.33	0.568	0.6	1.85	1.01 No	0.568 Thermal Discharging
RLK073	345	'43953668_/_6618379'		0.97	1.1	3.33	0.568	0.6	1.85	1.01 No	0.568 Thermal Discharging
RLK073	346	'6468857_/_6468926'		3	3.2	10	1.712	10	5.25	3.03 No	1.712 Thermal Discharging
RLK073	347	'6618557_/_6618554'		0.93	1.1	3.33	0.568	0.6	1.84	1.01 No	0.568 Thermal Discharging
RLK073	348	'8357647_/_8984813'		0.73	1.17	3.33	0.568	0.3	1.9	1.01 No	0.3 Element Fault
RLK073	349	'9343277_/_9343274_1'		2.8	3.2	10	1.712	1	5.43	3.03 No	1 Element Fault
RLK073	350	'148869764_/_6614376_2'		1.03	1.1	3.33	0.568	1.1	1.81	1.01 No	0.568 Thermal Discharging
RLK073	351	'6464489_/_43924323'		0.93	1.07	3.33	0.568	0.3	1.8	1.01 No	0.3 Element Fault
RLK073	352	'6614353_/_43952832_2'		1.03	1.1	3.33	0.568	1.1	1.81	1.01 No	0.568 Thermal Discharging
RLK073	353	'6623156_/_6623154'		0.97	1.1	3.33	0.568	0.5	1.82	1.01 No	0.5 Element Fault
RLK073	354	'6468858_/_6468855'		3	3.2	10	1.712	10	5.22	3.03 No	1.712 Thermal Discharging
RLK073	355	'6462778_/_6465286'		1.93	2.13	6.67	1.144	1.07	3.55	2.02 No	1.07 Element Fault
RLK073	356	'6472225_/_6472223_1'		2.9	3.2	10	1.712	1.5	5.26	3.03 No	1.5 Element Fault
RLK073	357	'6618446_/_6618444'		0.93	1.1	3.33	0.568	0.6	1.84	1.01 No	0.568 Thermal Discharging
RLK073	358	'43742261_/_43742263'		0.73	1.13	3.33	0.568	0.5	1.88	1.01 No	0.5 Element Fault
RLK073	359	'374238971_/_353990275_2'		3	3.2	10	1.712	5.4	5.2	3.03 No	1.712 Thermal Discharging
RLK073	360	'5584572_/_5593457'		0.73	1.13	3.33	0.568	0.5	1.89	1.01 No	0.5 Element Fault
RLK073	361	'5582106_/_7099216'		0.87	1.1	3.33	0.568	0.5	1.84	1.01 No	0.5 Element Fault
RLK073	362	'6461417_/_6468872'		3	3.2	10	1.712	10	5.18	3.03 No	1.712 Thermal Discharging
RLK073	363	'6462711_/_6462708'		1.03	1.07	3.33	0.568	0.5	1.77	1.01 No	0.5 Element Fault
RLK073	364	'6463840_/_6463850_1'		1.03	1.07	3.33	0.568	0.5	1.75	1.01 No	0.5 Element Fault
RLK073	365	'7455602_/_7768961'		0.8	1.1	3.33	0.568	0.5	1.84	1.01 No	0.5 Element Fault
RLK073	366	'5582067_/_5582065'		0.8	1.1	3.33	0.568	0.5	1.85	1.01 No	0.5 Element Fault
RLK073	367	'43925094_/_6484190_1'		2.9	3.2	10	1.712	2.5	5.18	3.03 No	1.712 Thermal Discharging
RLK073	368	'6463661_/_6463659'		0.97	1.07	3.33	0.568	0.5	1.73	1.01 No	0.5 Element Fault
RLK073	369	'6461401_/_6468892'		3	3.2	10	1.712	10	5.16	3.03 No	1.712 Thermal Discharging
RLK073	370	'43923785_/_6463672'		0.97	1.07	3.33	0.568	0.5	1.73	1.01 No	0.5 Element Fault
RLK073	371	'7455554_/_7455552'		0.8	1.1	3.33	0.568	0.5	1.84	1.01 No	0.5 Element Fault
RLK073	372	'416297536_/_43923086_2'		3	3.2	10	1.712	4	5.15	3.03 No	1.712 Thermal Discharging
RLK073	373	'6618595_/_6618593'		0.93	1.1	3.33	0.568	0.6	1.81	1.01 No	0.568 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Over-Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RLK073	374	'353990278_/353990275_1'	2.9	3.1	10	1.712	1.5	5.15	3.03 No	1.5	Element Fault
RLK073	375	'6614379_/6614376_1'	1	1.07	3.33	0.568	0.2	1.78	1.01 No	0.2	Element Fault
RLK073	376	'43923925_/6465047'	1.93	2.13	6.67	1.144	1.07	3.51	2.02 No	1.07	Element Fault
RLK073	377	'43924008_/6462640'	1.03	1.07	3.33	0.568	0.5	1.76	1.01 No	0.5	Element Fault
RLK073	378	'6617794_/6617792'	0.87	1.1	3.33	0.568	0.5	1.82	1.01 No	0.5	Element Fault
RLK073	379	'6468912_/6468909'	2.9	3.1	10	1.712	10	5.13	3.03 No	1.712	Thermal Discharging
RLK073	380	'6463759_/6463756_2'	1.03	1.03	3.33	0.568	0.3	1.73	1.01 No	0.3	Element Fault
RLK073	381	'8357646_/8357644'	0.73	1.13	3.33	0.568	0.3	1.86	1.01 No	0.3	Element Fault
RLK073	382	'540550832_/6485074'	2.9	3.1	10	1.712	10	5.12	3.03 No	1.712	Thermal Discharging
RLK073	383	'498347869_/7455600'	0.8	1.1	3.33	0.568	0.5	1.83	1.01 No	0.5	Element Fault
RLK073	384	'540550975_/540550879_1'	0.97	1.03	3.33	0.568	0.5	1.7	1.01 No	0.5	Element Fault
RLK073	385	'6614233_/6614230'	1	1.07	3.33	0.568	1.1	1.77	1.01 No	0.568	Thermal Discharging
RLK073	386	'43923601_/43923603'	0.9	1.07	3.33	0.568	0.3	1.76	1.01 No	0.3	Element Fault
RLK073	387	'6620496_/43954468'	1	1.07	3.33	0.568	0.2	1.77	1.01 No	0.2	Element Fault
RLK073	388	'6465050_/6465062_1'	1.4	1.6	6.67	1.144	1	3.49	2.02 No	1	Element Fault
RLK073	389	'6485077_/540550836'	2.9	3.1	10	1.712	10	5.1	3.03 No	1.712	Thermal Discharging
RLK073	390	'43952830_/43952832_1'	1	1.07	3.33	0.568	0.2	1.77	1.01 No	0.2	Element Fault
RLK073	391	'6617011_/6619410'	1.6	2.13	6.67	1.144	2.5	3.64	2.02 No	1.144	Thermal Discharging
RLK073	392	'6462779_/6462776'	1.87	2.07	6.67	1.144	1.07	3.48	2.02 No	1.07	Element Fault
RLK073	393	'43923534_/6419982_1'	1	1.03	3.33	0.568	1.1	1.71	1.01 No	0.568	Thermal Discharging
RLK073	394	'43924443_/6485111'	2.9	3.1	10	1.712	10	5.08	3.03 No	1.712	Thermal Discharging
RLK073	395	'5582107_/5582104'	0.83	1.1	3.33	0.568	0.5	1.81	1.01 No	0.5	Element Fault
RLK073	396	'570106246_/570106201_1'	2.9	3.1	10	1.712	1.5	5.08	3.03 No	1.5	Element Fault
RLK073	397	'43742249_/43742251'	0.7	1.1	3.33	0.568	0.5	1.84	1.01 No	0.5	Element Fault
RLK073	398	'6616972_/6616969_2'	0.8	1.07	3.33	0.568	1.25	1.81	1.01 No	0.568	Thermal Discharging
RLK073	399	'6616998_/6616995_2'	0.8	1.07	3.33	0.568	1.2	1.81	1.01 No	0.568	Thermal Discharging
RLK073	400	'6618612_/6618609'	0.9	1.07	3.33	0.568	0.6	1.79	1.01 No	0.568	Thermal Discharging
RLK073	401	'6616143_/6616166'	0.93	1.07	3.33	0.568	0.6	1.79	1.01 No	0.568	Thermal Discharging
RLK073	402	'6477277_/6478633'	2.9	3.1	10	1.712	10	5.05	3.03 No	1.712	Thermal Discharging
RLK073	403	'7455571_/9349836_1'	0.8	1.07	3.33	0.568	0.5	1.81	1.01 No	0.5	Element Fault
RLK073	404	'6472360_/6472374'	2.8	3.1	10	1.712	1.5	5.13	3.03 No	1.5	Element Fault
RLK073	405	'448442094_/6478511'	2.9	3.1	10	1.712	10	5.04	3.03 No	1.712	Thermal Discharging
RLK073	406	'6485151_/6485165'	2.9	3.1	10	1.712	4.8	5.05	3.03 No	1.712	Thermal Discharging
RLK073	407	'570106185_/570106201_2'	2.9	3.1	10	1.712	1.5	5.05	3.03 No	1.5	Element Fault
RLK073	408	'43923084_/43923086_1'	2.9	3.1	10	1.712	1.7	5.07	3.03 No	1.7	Element Fault
RLK073	409	'70068576_/8711998_1'	2.9	3.1	10	1.712	1	5.05	3.03 No	1	Element Fault
RLK073	410	'6484047_/6484045'	2.9	3.1	10	1.712	2.5	5.07	3.03 No	1.712	Thermal Discharging
RLK073	411	'8712001_/8711998_2'	2.9	3.1	10	1.712	1	5.04	3.03 No	1	Element Fault
RLK073	412	'6618356_/6618366'	0.9	1.07	3.33	0.568	0.6	1.77	1.01 No	0.568	Thermal Discharging
RLK073	413	'6463772_/6463769'	1.03	1.03	3.33	0.568	0.3	1.7	1.01 No	0.3	Element Fault
RLK073	414	'7764972_/7764969'	1.03	1.03	3.33	0.568	0.5	1.7	1.01 No	0.5	Element Fault
RLK073	415	'6463895_/6463892'	1	1.03	3.33	0.568	0.5	1.7	1.01 No	0.5	Element Fault
RLK073	416	'43742184_/43742186'	0.8	1.1	3.33	0.568	1	1.83	1.01 No	0.568	Thermal Discharging
RLK073	417	'43923567_/43923569'	0.87	1.03	3.33	0.568	0.3	1.73	1.01 No	0.3	Element Fault
RLK073	418	'6464678_/6464688'	0.93	1.03	3.33	0.568	0.5	1.69	1.01 No	0.5	Element Fault
RLK073	419	'6462724_/6462721'	1	1.03	3.33	0.568	0.5	1.72	1.01 No	0.5	Element Fault
RLK073	420	'6618654_/6618664'	0.9	1.07	3.33	0.568	0.6	1.77	1.01 No	0.568	Thermal Discharging
RLK073	421	'6617766_/7099203'	0.77	1.07	3.33	0.568	0.5	1.8	1.01 No	0.5	Element Fault
RLK073	422	'43953106_/6614389'	0.97	1.03	3.33	0.568	0.2	1.73	1.01 No	0.2	Element Fault
RLK073	423	'6614246_/6614243'	0.97	1.03	3.33	0.568	1.1	1.73	1.01 No	0.568	Thermal Discharging
RLK073	424	'6623172_/6623170'	0.93	1.03	3.33	0.568	0.5	1.74	1.01 No	0.5	Element Fault
RLK073	425	'6614274_/6614272_1'	0.97	1.03	3.33	0.568	0.2	1.73	1.01 No	0.2	Element Fault
RLK073	426	'6462793_/6462791'	1.87	2.07	6.67	1.144	1.07	3.4	2.02 No	1.07	Element Fault
RLK073	427	'6463688_/43923787'	0.93	1	3.33	0.568	0.5	1.67	1.01 No	0.5	Element Fault
RLK073	428	'540550882_/540550879_2'	0.97	1	3.33	0.568	0.5	1.66	1.01 No	0.5	Element Fault
RLK073	429	'6463785_/6463782'	1	1	3.33	0.568	0.3	1.68	1.01 No	0.3	Element Fault
RLK073	430	'69910703_/6461381'	2.8	3	10	1.712	1.7	4.99	3.03 No	1.7	Element Fault
RLK073	431	'6620497_/6620494'	0.97	1.03	3.33	0.568	0.2	1.72	1.01 No	0.2	Element Fault
RLK073	432	'6477278_/43923099'	2.8	3	10	1.712	3.6	4.95	3.03 No	1.712	Thermal Discharging
RLK073	433	'5584573_/5584570'	0.7	1.07	3.33	0.568	0.5	1.8	1.01 No	0.5	Element Fault
RLK073	434	'6461561_/6461559'	0.87	1.03	3.33	0.568	0.3	1.71	1.01 No	0.3	Element Fault
RLK073	435	'6618343_/6618353'	0.9	1.03	3.33	0.568	0.6	1.74	1.01 No	0.568	Thermal Discharging
RLK073	436	'6462656_/43924010'	0.97	1.03	3.33	0.568	0.5	1.69	1.01 No	0.5	Element Fault
RLK073	437	'6419998_/6419995'	1	1	3.33	0.568	1.1	1.66	1.01 No	0.568	Thermal Discharging
RLK073	438	'6461418_/6461415'	2	2	6.67	1.144	2.4	3.3	2.02 No	1.144	Thermal Discharging
RLK073	439	'5584598_/5584596'	0.7	1.07	3.33	0.568	0.5	1.78	1.01 No	0.5	Element Fault
RLK073	440	'43925107_/43925109'	2.8	3	10	1.712	2.5	4.97	3.03 No	1.712	Thermal Discharging
RLK073	441	'8715313_/9662716'	0.77	1.03	3.33	0.568	0.5	1.76	1.01 No	0.5	Element Fault
RLK073	442	'43923772_/6472357'	2.7	3	10	1.712	1.5	5	3.03 No	1.5	Element Fault
RLK073	443	'6463827_/6463837'	1	1	3.33	0.568	0.5	1.67	1.01 No	0.5	Element Fault
RLK073	444	'6607728_/6607738'	0.93	1.03	3.33	0.568	0.2	1.71	1.01 No	0.2	Element Fault
RLK073	445	'6614275_/6614272_2'	0.93	1.03	3.33	0.568	0.2	1.7	1.01 No	0.2	Element Fault
RLK073	446	'6461468_/6461478'	0.87	1	3.33	0.568	0.3	1.69	1.01 No	0.3	Element Fault
RLK073	447	'6484101_/6484116_2'	2.8	3	10	1.712	2.5	4.95	3.03 No	1.712	Thermal Discharging
RLK073	448	'6616142_/6616140'	0.87	1.03	3.33	0.568	0.6	1.73	1.01 No	0.568	Thermal Discharging
RLK073	449	'6618641_/6618651'	0.87	1.03	3.33	0.568	0.6	1.72	1.01 No	0.568	Thermal Discharging
RLK073	450	'43923761_/6464675'	0.9	1	3.33	0.568	0.5	1.64	1.01 No	0.5	Element Fault
RLK073	451	'9611699_/9611697'	0.67	1.07	3.33	0.568	0.3	1.76	1.01 No	0.3	Element Fault
RLK073	452	'6461309_/69910643'	2.8	3	10	1.712	1.7	4.9	3.03 No	1.7	Element Fault
RLK073	453	'43954088_/6616192'	0.87	1.03	3.33	0.568	0.6	1.71	1.01 No	0.568	Thermal Discharging
RLK073	454	'6614405_/43953108'	0.93	1	3.33	0.568	0.2	1.68	1.01 No	0.2	Element Fault
RLK073	455	'43923975_/6462734'	0.97	1	3.33	0.568	0.5	1.66	1.01 No	0.5	Element Fault
RLK073	456	'6620510_/6620507'	0.93	1	3.33	0.568	0.2	1.68	1.01 No	0.2	Element Fault
RLK073	457	'6616997_/6616995_1'	0.8	1.03	3.33	0.568	0.5	1.73	1.01 No	0.5	Element Fault
RLK073	458	'6463908_/6463905'	0.97	1	3.33	0.568	0.5	1.64	1.01 No	0.5	Element Fault
RLK073	459	'43954612_/43954614'	0.9	1	3.33	0.568	0.5	1.68	1.01 No	0.5	Element Fault
RLK073	460	'43923807_/6463795'	0.97	0.97	3.33	0.568	0.3	1.63	1.01 No	0.3	Element Fault
RLK073	461	'6618342_/6618340'	0.87	1	3.33	0.568	0.6	1.69	1.01 No	0.568	Thermal Discharging
RLK073	462	'5584699_/5584696'	0.67	1.03	3.33	0.568	0.5	1.74	1.01 No	0.5	Element Fault
RLK073	463	'43923891_/43923893'	1.8	2	6.67	1.144	1.07	3.29	2.02 No	1.07	Element Fault
RLK073	464	'43923796_/6463698'	0.9	0.97	3.33	0.568	0.5	1.62	1.01 No	0.5	Element Fault
RLK073	465	'43953712_/6617763'	0.73	1.03	3.33	0.568	0.5	1.72	1.01 No	0.5	Element Fault
RLK073	466	'6461310_/6461307'	2.7	2.9	10	1.712	1.7	4.83	3.03 No	1.7	Element Fault
RLK073	467	'6484085_/6484116_1'	2.7	2.9	10	1.712	2.5	4.84	3.03 No	1.712	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RLK073	468	'6462669_/_6462666'		0.93	1	3.33	0.568	0.5	1.64	1.01 No	0.5 Element Fault
RLK073	469	'6614418_/_6614415'		0.93	1	3.33	0.568	0.2	1.65	1.01 No	0.2 Element Fault
RLK073	470	'43923545_/_6420008'		0.97	0.97	3.33	0.568	1.1	1.6	1.01 No	0.568 Thermal Discharging
RLK073	471	'7887852_/_8715310'		0.73	1	3.33	0.568	0.5	1.7	1.01 No	0.5 Element Fault
RLK073	472	'6614314_/_6614311'		0.9	1	3.33	0.568	0.2	1.65	1.01 No	0.2 Element Fault
RLK073	473	'6472320_/_6472334'		2.6	2.9	10	1.712	1.5	4.85	3.03 No	1.5 Element Fault
RLK073	474	'6616959_/_6616969_1'		0.8	1	3.33	0.568	0.6	1.7	1.01 No	0.568 Thermal Discharging
RLK073	475	'6619156_/_6619154'		0.83	1	3.33	0.568	0.6	1.67	1.01 No	0.568 Thermal Discharging
RLK073	476	'6618628_/_6618638'		0.83	1	3.33	0.568	0.6	1.67	1.01 No	0.568 Thermal Discharging
RLK073	477	'6607767_/_7110122'		0.83	0.97	3.33	0.568	0.3	1.64	1.01 No	0.3 Element Fault
RLK073	478	'6607715_/_6607725'		0.9	0.97	3.33	0.568	0.2	1.64	1.01 No	0.2 Element Fault
RLK073	479	'6463073_/_6464662'		0.87	0.97	3.33	0.568	0.5	1.59	1.01 No	0.5 Element Fault
RLK073	480	'8400974_/_9658144'		0.97	0.97	3.33	0.568	0.5	1.61	1.01 No	0.5 Element Fault
RLK073	481	'6463826_/_6463824'		0.93	0.97	3.33	0.568	0.5	1.61	1.01 No	0.5 Element Fault
RLK073	482	'43923556_/_43923558'		0.8	0.97	3.33	0.568	0.3	1.63	1.01 No	0.3 Element Fault
RLK073	483	'6484068_/_6484082'		2.6	2.9	10	1.712	2.5	4.77	3.03 No	1.712 Thermal Discharging
RLK073	484	'6463717_/_6463714'		0.87	0.97	3.33	0.568	0.5	1.59	1.01 No	0.5 Element Fault
RLK073	485	'6463814_/_43923809'		0.93	0.97	3.33	0.568	0.3	1.59	1.01 No	0.3 Element Fault
RLK073	486	'6614431_/_6614428'		0.9	0.97	3.33	0.568	0.2	1.62	1.01 No	0.2 Element Fault
RLK073	487	'6620523_/_6620520'		0.9	0.97	3.33	0.568	0.2	1.63	1.01 No	0.2 Element Fault
RLK073	488	'6624325_/_6624403'		0.83	1	3.33	0.568	0.6	1.65	1.01 No	0.568 Thermal Discharging
RLK073	489	'6616182_/_6616179'		0.83	1	3.33	0.568	0.6	1.65	1.01 No	0.568 Thermal Discharging
RLK073	490	'6617130_/_6617128'		0.8	1	3.33	0.568	0.5	1.67	1.01 No	0.5 Element Fault
RLK073	491	'6462749_/_43923977'		0.93	0.97	3.33	0.568	0.5	1.61	1.01 No	0.5 Element Fault
RLK073	492	'6617781_/_6617779'		0.7	1	3.33	0.568	0.5	1.67	1.01 No	0.5 Element Fault
RLK073	493	'5584268_/_5584278'		0.73	1	3.33	0.568	1	1.69	1.01 No	0.568 Thermal Discharging
RLK073	494	'6462937_/_6462949'		1.73	1.93	6.67	1.144	1.07	3.19	2.02 No	1.07 Element Fault
RLK073	495	'43953073_/_6614444'		0.9	0.97	3.33	0.568	0.2	1.61	1.01 No	0.2 Element Fault
RLK073	496	'43924019_/_6470637'		0.9	0.97	3.33	0.568	0.5	1.6	1.01 No	0.5 Element Fault
RLK073	497	'9299821_/_9611107_1'		0.73	1	3.33	0.568	0.3	1.69	1.01 No	0.3 Element Fault
RLK073	498	'6461347_/_6461364'		2.6	2.8	10	1.712	1.7	4.69	3.03 No	1.7 Element Fault
RLK073	499	'6623185_/_6623183'		0.83	0.97	3.33	0.568	0.5	1.62	1.01 No	0.5 Element Fault
RLK073	500	'6472300_/_6472317'		2.5	2.8	10	1.712	1.5	4.73	3.03 No	1.5 Element Fault
RLK073	501	'6420027_/_6420024'		0.93	0.93	3.33	0.568	1.1	1.56	1.01 No	0.568 Thermal Discharging
RLK073	502	'6618627_/_6618625'		0.8	0.97	3.33	0.568	0.6	1.63	1.01 No	0.568 Thermal Discharging
RLK073	503	'6463730_/_6463727'		0.87	0.93	3.33	0.568	0.5	1.56	1.01 No	0.5 Element Fault
RLK073	504	'43953084_/_6614324'		0.87	0.97	3.33	0.568	0.2	1.6	1.01 No	0.2 Element Fault
RLK073	505	'43953497_/_6622676'		0.83	0.97	3.33	0.568	0.6	1.62	1.01 No	0.568 Thermal Discharging
RLK073	506	'6513223_/_7110177'		0.93	0.93	3.33	0.568	0.3	1.56	1.01 No	0.3 Element Fault
RLK073	507	'6484067_/_6484065'		2.6	2.8	10	1.712	2.5	4.67	3.03 No	1.712 Thermal Discharging
RLK073	508	'43953905_/_6616982'		0.8	0.97	3.33	0.568	0.6	1.64	1.01 No	0.568 Thermal Discharging
RLK073	509	'6463060_/_6463070'		0.87	0.93	3.33	0.568	0.5	1.56	1.01 No	0.5 Element Fault
RLK073	510	'6624324_/_6624322'		0.83	0.97	3.33	0.568	0.6	1.61	1.01 No	0.568 Thermal Discharging
RLK073	511	'6607714_/_43952821'		0.87	0.93	3.33	0.568	0.2	1.59	1.01 No	0.2 Element Fault
RLK073	512	'6513224_/_6513221'		0.9	0.93	3.33	0.568	0.3	1.54	1.01 No	0.3 Element Fault
RLK073	513	'43954433_/_6620533'		0.87	0.93	3.33	0.568	0.2	1.58	1.01 No	0.2 Element Fault
RLK073	514	'6616958_/_6616956'		0.8	0.97	3.33	0.568	0.6	1.62	1.01 No	0.568 Thermal Discharging
RLK073	515	'7455603_/_498347891'		0.7	0.97	3.33	0.568	0.5	1.62	1.01 No	0.5 Element Fault
RLK073	516	'7110167_/_7110164'		0.83	0.93	3.33	0.568	0.5	1.53	1.01 No	0.5 Element Fault
RLK073	517	'6462750_/_6462747'		0.9	0.93	3.33	0.568	0.5	1.56	1.01 No	0.5 Element Fault
RLK073	518	'6461438_/_6464083'		0.9	0.93	3.33	0.568	1.1	1.53	1.01 No	0.568 Thermal Discharging
RLK073	519	'6462455_/_6462465'		0.77	0.93	3.33	0.568	0.3	1.57	1.01 No	0.3 Element Fault
RLK073	520	'43952852_/_43952854'		0.77	0.93	3.33	0.568	0.3	1.57	1.01 No	0.3 Element Fault
RLK073	521	'6618693_/_6618690'		0.8	0.97	3.33	0.568	0.6	1.59	1.01 No	0.568 Thermal Discharging
RLK073	522	'43925120_/_6484150'		2.5	2.7	10	1.712	2.5	4.58	3.03 No	1.712 Thermal Discharging
RLK073	523	'6614460_/_6614457'		0.87	0.93	3.33	0.568	0.2	1.56	1.01 No	0.2 Element Fault
RLK073	524	'6617753_/_6622650'		0.7	0.97	3.33	0.568	0.5	1.61	1.01 No	0.5 Element Fault
RLK073	525	'6462922_/_6462934'		1.67	1.87	6.67	1.144	1.07	3.09	2.02 No	1.07 Element Fault
RLK073	526	'6470666_/_6472297'		2.4	2.7	10	1.712	1.5	4.61	3.03 No	1.5 Element Fault
RLK073	527	'6463059_/_6463057'		0.83	0.9	3.33	0.568	0.5	1.52	1.01 No	0.5 Element Fault
RLK073	528	'6619183_/_6622663'		0.8	0.93	3.33	0.568	0.6	1.58	1.01 No	0.568 Thermal Discharging
RLK073	529	'43953982_/_43953984'		0.8	0.93	3.33	0.568	0.5	1.6	1.01 No	0.5 Element Fault
RLK073	530	'6624351_/_6624416'		0.8	0.93	3.33	0.568	0.6	1.57	1.01 No	0.568 Thermal Discharging
RLK073	531	'6616985_/_43953907'		0.8	0.93	3.33	0.568	0.6	1.59	1.01 No	0.568 Thermal Discharging
RLK073	532	'6462682_/_43924021'		0.87	0.9	3.33	0.568	0.5	1.54	1.01 No	0.5 Element Fault
RLK073	533	'6623225_/_6623319'		0.8	0.93	3.33	0.568	0.5	1.56	1.01 No	0.5 Element Fault
RLK073	534	'6607766_/_43952865'		0.77	0.93	3.33	0.568	0.3	1.54	1.01 No	0.3 Element Fault
RLK073	535	'6513629_/_7110109'		0.9	0.9	3.33	0.568	1.1	1.51	1.01 No	0.568 Thermal Discharging
RLK073	536	'6620380_/_6620377'		0.83	0.93	3.33	0.568	0.2	1.55	1.01 No	0.2 Element Fault
RLK073	537	'6614167_/_6614337'		0.83	0.93	3.33	0.568	0.2	1.55	1.01 No	0.2 Element Fault
RLK073	538	'6461330_/_6461344'		2.5	2.7	10	1.712	1.7	4.52	3.03 No	1.7 Element Fault
RLK073	539	'9034778_/_654139978'		0.67	0.93	3.33	0.568	0.5	1.58	1.01 No	0.5 Element Fault
RLK073	540	'6513240_/_6513237'		0.87	0.9	3.33	0.568	0.3	1.5	1.01 No	0.3 Element Fault
RLK073	541	'86701245_/_9349836_2'		0.67	0.93	3.33	0.568	0.5	1.58	1.01 No	0.5 Element Fault
RLK073	542	'6624364_/_6624361'		0.8	0.93	3.33	0.568	0.6	1.56	1.01 No	0.568 Thermal Discharging
RLK073	543	'6614473_/_6614470'		0.83	0.93	3.33	0.568	0.2	1.53	1.01 No	0.2 Element Fault
RLK073	544	'6484135_/_6484133'		2.5	2.7	10	1.712	2.5	4.5	3.03 No	1.712 Thermal Discharging
RLK073	545	'6462763_/_6462760'		0.87	0.9	3.33	0.568	0.5	1.52	1.01 No	0.5 Element Fault
RLK073	546	'6618706_/_6618703'		0.77	0.93	3.33	0.568	0.6	1.55	1.01 No	0.568 Thermal Discharging
RLK073	547	'43931785_/_43931787'		0.87	0.9	3.33	0.568	1.1	1.49	1.01 No	0.568 Thermal Discharging
RLK073	548	'7887836_/_7887833'		0.67	0.93	3.33	0.568	0.5	1.56	1.01 No	0.5 Element Fault
RLK073	549	'6462907_/_6470663'		1.6	1.8	6.67	1.144	1	3	2.02 No	1 Element Fault
RLK073	550	'6463047_/_6470681'		0.8	0.9	3.33	0.568	0.5	1.48	1.01 No	0.5 Element Fault
RLK073	551	'43923749_/_6462919'		1.6	1.8	6.67	1.144	1.07	3	2.02 No	1.07 Element Fault
RLK073	552	'43953927_/_43953929'		0.8	0.9	3.33	0.568	0.6	1.55	1.01 No	0.568 Thermal Discharging
RLK073	553	'6607286_/_6620390'		0.83	0.9	3.33	0.568	0.2	1.52	1.01 No	0.2 Element Fault
RLK073	554	'6617752_/_6617750'		0.67	0.93	3.33	0.568	0.5	1.56	1.01 No	0.5 Element Fault
RLK073	555	'43923855_/_6463921'		0.83	0.9	3.33	0.568	0.5	1.5	1.01 No	0.5 Element Fault
RLK073	556	'6472243_/_6472260'		2.4	2.7	10	1.712	1.5	4.48	3.03 No	1.5 Element Fault
RLK073	557	'6624338_/_6624348'		0.77	0.9	3.33	0.568	0.6	1.53	1.01 No	0.568 Thermal Discharging
RLK073	558	'43923110_/_6461436'		0.87	0.9	3.33	0.568	1.1	1.47	1.01 No	0.568 Thermal Discharging
RLK073	559	'6619170_/_6619180'		0.77	0.9	3.33	0.568	0.6	1.53	1.01 No	0.568 Thermal Discharging
RLK073	560	'6484210_/_6484220'		2.4	2.6	10	1.712	2.5	4.43	3.03 No	1.712 Thermal Discharging
RLK073	561	'43922833_/_43922835'		2.4	2.6	10	1.712	1.7	4.43	3.03 No	1.7 Element Fault

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RLK073	562	'43923488_/_43923490'	0.73	0.9	3.33	0.568	0.3	1.5	1.01 No	0.3	Element Fault
RLK073	563	'6472242_/_6472240'	2.4	2.7	10	1.712	1.5	4.46	3.03 No	1.5	Element Fault
RLK073	564	'7765143_/_9343594'	2.4	2.6	10	1.712	2.5	4.42	3.03 No	1.712	Thermal Discharging
RLK073	565	'9030549_/_9658320'	2.4	2.6	10	1.712	1.5	4.46	3.03 No	1.5	Element Fault
RLK073	566	'9300388_/_9611107_2'	0.7	0.93	3.33	0.568	0.3	1.58	1.01 No	0.3	Element Fault
RLK073	567	'43954601_/_6623222'	0.8	0.9	3.33	0.568	0.5	1.52	1.01 No	0.5	Element Fault
RLK073	568	'9030550_/_9343370_1'	2.4	2.6	10	1.712	1.5	4.46	3.03 No	1.5	Element Fault
RLK073	569	'6624380_/_6624377'	0.77	0.9	3.33	0.568	0.6	1.52	1.01 No	0.568	Thermal Discharging
RLK073	570	'6513171_/_6513169'	0.87	0.87	3.33	0.568	1.1	1.46	1.01 No	0.568	Thermal Discharging
RLK073	571	'6614115_/_6614165'	0.83	0.9	3.33	0.568	0.2	1.5	1.01 No	0.2	Element Fault
RLK073	572	'9343373_/_9343370_2'	2.3	2.6	10	1.712	1.5	4.44	3.03 No	1.5	Element Fault
RLK073	573	'7765144_/_7765141'	2.4	2.6	10	1.712	1.6	4.39	3.03 No	1.6	Element Fault
RLK073	574	'7765164_/_7765161'	2.4	2.6	10	1.712	1.6	4.38	3.03 No	1.6	Element Fault
RLK073	575	'6462892_/_6462904'	1.53	1.73	6.67	1.144	1	2.93	2.02 No	1	Element Fault
RLK073	576	'5584252_/_5584265'	0.67	0.9	3.33	0.568	1	1.55	1.01 No	0.568	Thermal Discharging
RLK073	577	'6461283_/_6461281'	2.4	2.6	10	1.712	1.7	4.35	3.03 No	1.7	Element Fault
RLK073	578	'43923860_/_43923857'	0.83	0.87	3.33	0.568	0.5	1.47	1.01 No	0.5	Element Fault
RLK073	579	'43923523_/_6484207'	0.8	0.87	3.33	0.568	0.83	1.45	1.01 No	0.568	Thermal Discharging
RLK073	580	'43954259_/_6619794'	0.8	0.9	3.33	0.568	0.2	1.48	1.01 No	0.2	Element Fault
RLK073	581	'8086290_/_8086287'	2.4	2.6	10	1.712	1.6	4.34	3.03 No	1.6	Element Fault
RLK073	582	'43923914_/_43923916'	0.77	0.87	3.33	0.568	0.5	1.44	1.01 No	0.5	Element Fault
RLK073	583	'6510512_/_6513026'	0.83	0.87	3.33	0.568	1.1	1.44	1.01 No	0.568	Thermal Discharging
RLK073	584	'6617105_/_6617115'	0.73	0.9	3.33	0.568	0.5	1.51	1.01 No	0.5	Element Fault
RLK073	585	'6619144_/_6624335'	0.73	0.9	3.33	0.568	0.6	1.49	1.01 No	0.568	Thermal Discharging
RLK073	586	'6617319_/_6617329'	0.77	0.9	3.33	0.568	0.6	1.51	1.01 No	0.568	Thermal Discharging
RLK073	587	'6614116_/_6614113'	0.8	0.87	3.33	0.568	0.2	1.47	1.01 No	0.2	Element Fault
RLK073	588	'6419839_/_6419836'	0.83	0.87	3.33	0.568	1.1	1.43	1.01 No	0.568	Thermal Discharging
RLK073	589	'6471451_/_6471522'	1.53	1.73	6.67	1.144	1.07	2.9	2.02 No	1.07	Element Fault
RLK073	590	'6615854_/_6619167'	0.73	0.87	3.33	0.568	0.6	1.48	1.01 No	0.568	Thermal Discharging
RLK073	591	'428785098_/_9034775_1'	0.63	0.9	3.33	0.568	0.5	1.5	1.01 No	0.5	Element Fault
RLK073	592	'6471386_/_6471383_2'	0.77	0.87	3.33	0.568	0.53	1.45	1.01 No	0.53	Element Fault
RLK073	593	'6472279_/_6472277'	2.3	2.5	10	1.712	1.5	4.32	3.03 No	1.5	Element Fault
RLK073	594	'6623211_/_6623209'	0.77	0.87	3.33	0.568	0.5	1.47	1.01 No	0.5	Element Fault
RLK073	595	'6462454_/_6462452'	0.7	0.87	3.33	0.568	0.3	1.45	1.01 No	0.3	Element Fault
RLK073	596	'43923937_/_43923939'	1.47	1.67	6.67	1.144	1	2.86	2.02 No	1	Element Fault
RLK073	597	'6607287_/_6607284'	0.8	0.87	3.33	0.568	0.2	1.45	1.01 No	0.2	Element Fault
RLK073	598	'43952808_/_6624535'	0.8	0.87	3.33	0.568	0.5	1.45	1.01 No	0.5	Element Fault
RLK073	599	'6463021_/_6463031'	0.77	0.83	3.33	0.568	0.5	1.41	1.01 No	0.5	Element Fault
RLK073	600	'6510513_/_6510510'	0.83	0.83	3.33	0.568	1.1	1.41	1.01 No	0.568	Thermal Discharging
RLK073	601	'6420072_/_6420082'	0.8	0.83	3.33	0.568	0.83	1.41	1.01 No	0.568	Thermal Discharging
RLK073	602	'6619143_/_6619141'	0.73	0.87	3.33	0.568	0.6	1.46	1.01 No	0.568	Thermal Discharging
RLK073	603	'6623658_/_6623656'	0.73	0.87	3.33	0.568	0.6	1.46	1.01 No	0.568	Thermal Discharging
RLK073	604	'43953062_/_6614126'	0.77	0.87	3.33	0.568	0.2	1.44	1.01 No	0.2	Element Fault
RLK073	605	'6472396_/_6472394'	0.77	0.83	3.33	0.568	0.5	1.42	1.01 No	0.5	Element Fault
RLK073	606	'7789047_/_9662732'	0.63	0.87	3.33	0.568	0.5	1.47	1.01 No	0.5	Element Fault
RLK073	607	'6617306_/_6617316'	0.73	0.87	3.33	0.568	0.6	1.46	1.01 No	0.568	Thermal Discharging
RLK073	608	'6419852_/_6419849'	0.8	0.83	3.33	0.568	1.1	1.39	1.01 No	0.568	Thermal Discharging
RLK073	609	'6607355_/_43954261'	0.77	0.83	3.33	0.568	0.2	1.42	1.01 No	0.2	Element Fault
RLK073	610	'6462876_/_6462874'	1.47	1.67	6.67	1.144	1	2.81	2.02 No	1	Element Fault
RLK073	611	'6471412_/_6471474'	1.53	1.67	6.67	1.144	1.07	2.81	2.02 No	1.07	Element Fault
RLK073	612	'6461948_/_6471383_1'	0.77	0.83	3.33	0.568	0.2	1.41	1.01 No	0.2	Element Fault
RLK073	613	'6463008_/_6463018'	0.73	0.83	3.33	0.568	0.5	1.39	1.01 No	0.5	Element Fault
RLK073	614	'43954028_/_43954030'	0.7	0.87	3.33	0.568	0.6	1.43	1.01 No	0.568	Thermal Discharging
RLK073	615	'43952629_/_6607297'	0.77	0.83	3.33	0.568	0.2	1.42	1.01 No	0.2	Element Fault
RLK073	616	'6471399_/_6471396_2'	0.77	0.83	3.33	0.568	0.53	1.4	1.01 No	0.53	Element Fault
RLK073	617	'6420056_/_6420069'	0.8	0.83	3.33	0.568	0.83	1.38	1.01 No	0.568	Thermal Discharging
RLK073	618	'6617076_/_6617102'	0.7	0.83	3.33	0.568	0.5	1.44	1.01 No	0.5	Element Fault
RLK073	619	'6510526_/_6510523'	0.8	0.83	3.33	0.568	1.1	1.38	1.01 No	0.568	Thermal Discharging
RLK073	620	'9300389_/_9300386'	0.63	0.87	3.33	0.568	0.3	1.46	1.01 No	0.3	Element Fault
RLK073	621	'6607676_/_43952810'	0.77	0.83	3.33	0.568	0.5	1.41	1.01 No	0.5	Element Fault
RLK073	622	'43954623_/_43954625'	0.73	0.83	3.33	0.568	0.5	1.41	1.01 No	0.5	Element Fault
RLK073	623	'43923738_/_43923740'	0.73	0.83	3.33	0.568	0.2	1.39	1.01 No	0.2	Element Fault
RLK073	624	'6619118_/_6623669'	0.7	0.83	3.33	0.568	0.6	1.42	1.01 No	0.568	Thermal Discharging
RLK073	625	'5584251_/_5584249'	0.6	0.83	3.33	0.568	1	1.45	1.01 No	0.568	Thermal Discharging
RLK073	626	'43924932_/_6471396_1'	0.73	0.8	3.33	0.568	0.2	1.38	1.01 No	0.2	Element Fault
RLK073	627	'6607368_/_6607365'	0.77	0.83	3.33	0.568	0.2	1.39	1.01 No	0.2	Element Fault
RLK073	628	'6465065_/_6465080'	1.4	1.6	6.67	1.144	1	2.74	2.02 No	1	Element Fault
RLK073	629	'6471495_/_6471492'	1.47	1.6	6.67	1.144	1.07	2.75	2.02 No	1.07	Element Fault
RLK073	630	'6607313_/_43952631'	0.73	0.83	3.33	0.568	0.2	1.39	1.01 No	0.2	Element Fault
RLK073	631	'6461934_/_6461932'	0.73	0.8	3.33	0.568	0.2	1.37	1.01 No	0.2	Element Fault
RLK073	632	'6614142_/_6614139'	0.73	0.83	3.33	0.568	0.2	1.39	1.01 No	0.2	Element Fault
RLK073	633	'43923903_/_43923905'	0.73	0.8	3.33	0.568	0.5	1.35	1.01 No	0.5	Element Fault
RLK073	634	'6617305_/_6617303'	0.73	0.83	3.33	0.568	0.6	1.41	1.01 No	0.568	Thermal Discharging
RLK073	635	'6419865_/_6419862'	0.77	0.8	3.33	0.568	1.1	1.35	1.01 No	0.568	Thermal Discharging
RLK073	636	'6607381_/_6607378'	0.73	0.83	3.33	0.568	0.2	1.38	1.01 No	0.2	Element Fault
RLK073	637	'5584365_/_5585464'	0.6	0.83	3.33	0.568	1	1.43	1.01 No	0.568	Thermal Discharging
RLK073	638	'73908696_/_5591120_1'	0.6	0.83	3.33	0.568	0.3	1.43	1.01 No	0.3	Element Fault
RLK073	639	'6615853_/_6615851'	0.7	0.83	3.33	0.568	0.6	1.39	1.01 No	0.568	Thermal Discharging
RLK073	640	'6619117_/_6619115'	0.7	0.83	3.33	0.568	0.6	1.39	1.01 No	0.568	Thermal Discharging
RLK073	641	'6617075_/_6617073'	0.7	0.83	3.33	0.568	0.5	1.4	1.01 No	0.5	Element Fault
RLK073	642	'6420042_/_6420053'	0.77	0.8	3.33	0.568	0.83	1.34	1.01 No	0.568	Thermal Discharging
RLK073	643	'6607494_/_6607491'	0.73	0.8	3.33	0.568	0.2	1.36	1.01 No	0.2	Element Fault
RLK073	644	'6607689_/_6607686'	0.73	0.8	3.33	0.568	0.5	1.36	1.01 No	0.5	Element Fault
RLK073	645	'6607448_/_6614152'	0.73	0.8	3.33	0.568	0.2	1.36	1.01 No	0.2	Element Fault
RLK073	646	'6471438_/_6471461'	0.73	0.8	3.33	0.568	0.2	1.35	1.01 No	0.2	Element Fault
RLK073	647	'6461986_/_6471507'	1.47	1.6	6.67	1.144	1.07	2.7	2.02 No	1.07	Element Fault
RLK073	648	'6462982_/_6462992'	0.7	0.8	3.33	0.568	0.5	1.33	1.01 No	0.5	Element Fault
RLK073	649	'6607326_/_6607323'	0.73	0.8	3.33	0.568	0.2	1.36	1.01 No	0.2	Element Fault
RLK073	650	'6461960_/_6461958_1'	0.73	0.8	3.33	0.568	0.2	1.34	1.01 No	0.2	Element Fault
RLK073	651	'6623237_/_6623235'	0.7	0.8	3.33	0.568	0.5	1.36	1.01 No	0.5	Element Fault
RLK073	652	'6607507_/_6607504'	0.73	0.8	3.33	0.568	0.2	1.34	1.01 No	0.2	Element Fault
RLK073	653	'5585366_/_5591120_2'	0.6	0.83	3.33	0.568	0.3	1.4	1.01 No	0.3	Element Fault
RLK073	654	'43952651_/_6607391'	0.73	0.8	3.33	0.568	0.2	1.34	1.01 No	0.2	Element Fault
RLK073	655	'6617063_/_43953973'	0.67	0.8	3.33	0.568	0.5	1.38	1.01 No	0.5	Element Fault

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RLK073	656	'6461961_/6461958_2'		0.7	0.8	3.33	0.568	0.2	1.34	1.01 No	0.2 Element Fault
RLK073	657	'43953486_/43953488'		0.67	0.8	3.33	0.568	0.6	1.36	1.01 No	0.568 Thermal Discharging
RLK073	658	'6464836_/6464846'		0.7	0.8	3.33	0.568	0.2	1.33	1.01 No	0.2 Element Fault
RLK073	659	'6617358_/6617355'		0.7	0.8	3.33	0.568	0.6	1.37	1.01 No	0.568 Thermal Discharging
RLK073	660	'6607702_/6607699'		0.73	0.8	3.33	0.568	0.5	1.34	1.01 No	0.5 Element Fault
RLK073	661	'6420043_/6420040'		0.77	0.77	3.33	0.568	0.83	1.31	1.01 No	0.568 Thermal Discharging
RLK073	662	'6607449_/6607446'		0.7	0.8	3.33	0.568	0.2	1.33	1.01 No	0.2 Element Fault
RLK073	663	'5591139_/5591136'		0.6	0.8	3.33	0.568	0.3	1.38	1.01 No	0.3 Element Fault
RLK073	664	'6607520_/6607517'		0.7	0.8	3.33	0.568	0.2	1.32	1.01 No	0.2 Element Fault
RLK073	665	'6462981_/6462979'		0.7	0.77	3.33	0.568	0.5	1.3	1.01 No	0.5 Element Fault
RLK073	666	'6617280_/6617290'		0.7	0.8	3.33	0.568	0.6	1.35	1.01 No	0.568 Thermal Discharging
RLK073	667	'6461974_/6461971'		0.7	0.77	3.33	0.568	0.2	1.31	1.01 No	0.2 Element Fault
RLK073	668	'43952640_/6607339'		0.7	0.77	3.33	0.568	0.2	1.32	1.01 No	0.2 Element Fault
RLK073	669	'43924921_/43924923'		0.7	0.77	3.33	0.568	0.2	1.31	1.01 No	0.2 Element Fault
RLK073	670	'6419904_/6463963'		1.4	1.53	6.67	1.144	1.07	2.62	2.02 No	1.07 Element Fault
RLK073	671	'43742227_/43742229'		0.57	0.8	3.33	0.568	1	1.37	1.01 No	0.568 Thermal Discharging
RLK073	672	'43954107_/6616418'		0.7	0.77	3.33	0.568	0.5	1.32	1.01 No	0.5 Element Fault
RLK073	673	'6617050_/6617060'		0.67	0.8	3.33	0.568	0.5	1.34	1.01 No	0.5 Element Fault
RLK073	674	'6419891_/6419888_2'		0.7	0.77	3.33	0.568	0.53	1.3	1.01 No	0.53 Element Fault
RLK073	675	'6619089_/6619102'		0.67	0.8	3.33	0.568	0.6	1.33	1.01 No	0.568 Thermal Discharging
RLK073	676	'6607407_/43952653'		0.7	0.77	3.33	0.568	0.2	1.31	1.01 No	0.2 Element Fault
RLK073	677	'43743594_/5591149'		0.6	0.8	3.33	0.568	0.3	1.36	1.01 No	0.3 Element Fault
RLK073	678	'6465384_/6465382'		0.67	0.77	3.33	0.568	0.5	1.28	1.01 No	0.5 Element Fault
RLK073	679	'43923727_/6464833'		0.7	0.77	3.33	0.568	0.2	1.29	1.01 No	0.2 Element Fault
RLK073	680	'6607536_/6607533'		0.7	0.77	3.33	0.568	0.2	1.3	1.01 No	0.2 Element Fault
RLK073	681	'6617656_/6617653'		0.67	0.77	3.33	0.568	0.6	1.33	1.01 No	0.568 Thermal Discharging
RLK073	682	'5584377_/5591107'		0.6	0.8	3.33	0.568	0.3	1.35	1.01 No	0.3 Element Fault
RLK073	683	'6460912_/6464112'		1.4	1.53	6.67	1.144	1.07	2.58	2.02 No	1.07 Element Fault
RLK073	684	'6619088_/6619086'		0.63	0.77	3.33	0.568	0.6	1.31	1.01 No	0.568 Thermal Discharging
RLK073	685	'7789048_/7789045'		0.57	0.77	3.33	0.568	0.5	1.32	1.01 No	0.5 Element Fault
RLK073	686	'6471424_/6471422'		0.67	0.77	3.33	0.568	0.2	1.29	1.01 No	0.2 Element Fault
RLK073	687	'45172357_/5593473'		0.6	0.8	3.33	0.568	0.3	1.34	1.01 No	0.3 Element Fault
RLK073	688	'6419890_/6419888_1'		0.67	0.77	3.33	0.568	0.2	1.28	1.01 No	0.2 Element Fault
RLK073	689	'6616447_/43952642'		0.7	0.77	3.33	0.568	0.2	1.29	1.01 No	0.2 Element Fault
RLK073	690	'5584349_/5584375'		0.6	0.77	3.33	0.568	0.3	1.34	1.01 No	0.3 Element Fault
RLK073	691	'6617037_/6617047'		0.63	0.77	3.33	0.568	0.5	1.31	1.01 No	0.5 Element Fault
RLK073	692	'6484258_/6484256'		0.67	0.73	3.33	0.568	0.5	1.26	1.01 No	0.5 Element Fault
RLK073	693	'5584586_/5584683'		0.57	0.77	3.33	0.568	1	1.33	1.01 No	0.568 Thermal Discharging
RLK073	694	'43952697_/6607546'		0.7	0.77	3.33	0.568	0.2	1.27	1.01 No	0.2 Element Fault
RLK073	695	'6616374_/43954109'		0.67	0.77	3.33	0.568	0.5	1.28	1.01 No	0.5 Element Fault
RLK073	696	'43953938_/43953940'		0.67	0.77	3.33	0.568	0.6	1.3	1.01 No	0.568 Thermal Discharging
RLK073	697	'6461909_/6461919'		0.67	0.73	3.33	0.568	0.2	1.27	1.01 No	0.2 Element Fault
RLK073	698	'6607423_/6607420'		0.67	0.77	3.33	0.568	0.2	1.27	1.01 No	0.2 Element Fault
RLK073	699	'6460913_/6460910'		1.33	1.47	6.67	1.144	1.07	2.54	2.02 No	1.07 Element Fault
RLK073	700	'6471542_/6471540'		0.67	0.73	3.33	0.568	0.2	1.26	1.01 No	0.2 Element Fault
RLK073	701	'6460931_/6460941_1'		0.67	0.73	3.33	0.568	0.2	1.26	1.01 No	0.2 Element Fault
RLK073	702	'43953894_/6617666'		0.67	0.77	3.33	0.568	0.6	1.29	1.01 No	0.568 Thermal Discharging
RLK073	703	'43922233_/6464096'		0.67	0.73	3.33	0.568	0.2	1.26	1.01 No	0.2 Element Fault
RLK073	704	'6460944_/6460941_2'		0.67	0.73	3.33	0.568	0.2	1.25	1.01 No	0.2 Element Fault
RLK073	705	'6460983_/6460980'		1.33	1.47	6.67	1.144	1.07	2.49	2.02 No	1.07 Element Fault
RLK073	706	'43742195_/5584346'		0.57	0.77	3.33	0.568	0.3	1.3	1.01 No	0.3 Element Fault
RLK073	707	'6617036_/6617034'		0.63	0.77	3.33	0.568	0.5	1.28	1.01 No	0.5 Element Fault
RLK073	708	'6461908_/6461906'		0.67	0.73	3.33	0.568	0.2	1.24	1.01 No	0.2 Element Fault
RLK073	709	'6616460_/6616457'		0.67	0.73	3.33	0.568	0.2	1.25	1.01 No	0.2 Element Fault
RLK073	710	'6616361_/6616372'		0.67	0.73	3.33	0.568	0.5	1.25	1.01 No	0.5 Element Fault
RLK073	711	'44796576_/6607559'		0.67	0.73	3.33	0.568	0.2	1.24	1.01 No	0.2 Element Fault
RLK073	712	'43952662_/6607433'		0.67	0.73	3.33	0.568	0.2	1.25	1.01 No	0.2 Element Fault
RLK073	713	'6464129_/6464127'		0.67	0.73	3.33	0.568	0.2	1.24	1.01 No	0.2 Element Fault
RLK073	714	'43742216_/43742218'		0.53	0.77	3.33	0.568	1	1.29	1.01 No	0.53 Primary Over-Voltage
RLK073	715	'43953949_/43953951'		0.67	0.73	3.33	0.568	0.6	1.26	1.01 No	0.568 Thermal Discharging
RLK073	716	'6484801_/6484799'		0.63	0.73	3.33	0.568	0.2	1.22	1.01 No	0.2 Element Fault
RLK073	717	'6460956_/6460967'		0.63	0.7	3.33	0.568	0.2	1.22	1.01 No	0.2 Element Fault
RLK073	718	'6460998_/6460995'		1.27	1.4	6.67	1.144	1.07	2.44	2.02 No	1.07 Element Fault
RLK073	719	'43741516_/7099155'		0.67	0.73	3.33	0.568	0.2	1.23	1.01 No	0.2 Element Fault
RLK073	720	'6465343_/6465356'		0.63	0.7	3.33	0.568	0.2	1.22	1.01 No	0.2 Element Fault
RLK073	721	'6461026_/6461036_2'		0.63	0.7	3.33	0.568	0.53	1.21	1.01 No	0.53 Element Fault
RLK073	722	'43952596_/6616359'		0.63	0.73	3.33	0.568	0.5	1.22	1.01 No	0.5 Element Fault
RLK073	723	'6461013_/6461036_1'		0.63	0.7	3.33	0.568	0.2	1.21	1.01 No	0.2 Element Fault
RLK073	724	'86701084_/458526831'		0.53	0.73	3.33	0.568	0.5	1.25	1.01 No	0.5 Element Fault
RLK073	725	'6617682_/43953896'		0.63	0.73	3.33	0.568	0.6	1.24	1.01 No	0.568 Thermal Discharging
RLK073	726	'43742205_/43742207'		0.53	0.73	3.33	0.568	1	1.25	1.01 No	0.53 Primary Over-Voltage
RLK073	727	'5581684_/43952664'		0.63	0.7	3.33	0.568	0.2	1.2	1.01 No	0.2 Element Fault
RLK073	728	'6461052_/6461049'		0.63	0.7	3.33	0.568	0.2	1.2	1.01 No	0.2 Element Fault
RLK073	729	'43922222_/43922224'		0.63	0.7	3.33	0.568	0.2	1.19	1.01 No	0.2 Element Fault
RLK073	730	'43922696_/6460954'		0.63	0.7	3.33	0.568	0.2	1.19	1.01 No	0.2 Element Fault
RLK073	731	'6461078_/6461075'		1.27	1.4	6.67	1.144	1.07	2.38	2.02 No	1.07 Element Fault
RLK073	732	'6617212_/6617251'		0.63	0.7	3.33	0.568	0.6	1.22	1.01 No	0.568 Thermal Discharging
RLK073	733	'43923422_/43923424'		0.63	0.7	3.33	0.568	0.2	1.18	1.01 No	0.2 Element Fault
RLK073	734	'5581646_/43741518'		0.63	0.7	3.33	0.568	0.2	1.19	1.01 No	0.2 Element Fault
RLK073	735	'5590978_/5591008'		0.5	0.73	3.33	0.568	1	1.23	1.01 No	0.5 Primary Over-Voltage
RLK073	736	'6461065_/6461062'		0.63	0.7	3.33	0.568	0.2	1.18	1.01 No	0.2 Element Fault
RLK073	737	'358354564_/349704603_2'		0.5	0.7	3.33	0.568	1	1.23	1.01 No	0.5 Primary Over-Voltage
RLK073	738	'7407048_/8664889_2'		0.5	0.7	3.33	0.568	1	1.23	1.01 No	0.5 Primary Over-Voltage
RLK073	739	'6607180_/43952598'		0.63	0.7	3.33	0.568	0.5	1.19	1.01 No	0.5 Element Fault
RLK073	740	'6617238_/6617235'		0.63	0.7	3.33	0.568	0.6	1.2	1.01 No	0.568 Thermal Discharging
RLK073	741	'8664891_/8664889_1'		0.5	0.7	3.33	0.568	0.3	1.22	1.01 No	0.3 Element Fault
RLK073	742	'6461096_/6461093'		1.27	1.4	6.67	1.144	1.07	2.35	2.02 No	1.07 Element Fault
RLK073	743	'6617695_/6617692'		0.6	0.7	3.33	0.568	0.6	1.2	1.01 No	0.568 Thermal Discharging
RLK073	744	'5581685_/5581682'		0.63	0.7	3.33	0.568	0.2	1.17	1.01 No	0.2 Element Fault
RLK073	745	'5590979_/5590976'		0.5	0.7	3.33	0.568	1	1.21	1.01 No	0.5 Primary Over-Voltage
RLK073	746	'6465342_/6465340'		0.6	0.67	3.33	0.568	0.2	1.16	1.01 No	0.2 Element Fault
RLK073	747	'6460957_/43922698'		0.6	0.67	3.33	0.568	0.2	1.16	1.01 No	0.2 Element Fault
RLK073	748	'43924345_/6461151'		0.6	0.67	3.33	0.568	0.2	1.16	1.01 No	0.2 Element Fault
RLK073	749	'6607193_/6607190'		0.6	0.7	3.33	0.568	0.5	1.16	1.01 No	0.5 Element Fault

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RLK073	750	'346469303_/152218811_2'	0.5	0.7	3.33	0.568	1	1.2	1.01 No	0.5	Primary Over-Voltage
RLK073	751	'5581659_/5581656'	0.6	0.7	3.33	0.568	0.2	1.16	1.01 No	0.2	Element Fault
RLK073	752	'6617183_/6617209'	0.6	0.7	3.33	0.568	0.6	1.18	1.01 No	0.568	Thermal Discharging
RLK073	753	'410088465_/43953598'	0.6	0.7	3.33	0.568	0.6	1.18	1.01 No	0.568	Thermal Discharging
RLK073	754	'6460741_/6460751'	0.6	0.67	3.33	0.568	0.2	1.15	1.01 No	0.2	Element Fault
RLK073	755	'6617224_/395273060_1'	0.6	0.7	3.33	0.568	0.3	1.18	1.01 No	0.3	Element Fault
RLK073	756	'43954647_/6623374'	0.6	0.7	3.33	0.568	0.6	1.17	1.01 No	0.568	Thermal Discharging
RLK073	757	'6617169_/6617180'	0.6	0.7	3.33	0.568	0.6	1.17	1.01 No	0.568	Thermal Discharging
RLK073	758	'5581698_/5581695'	0.6	0.67	3.33	0.568	0.2	1.15	1.01 No	0.2	Element Fault
RLK073	759	'9300256_/9300254'	0.5	0.7	3.33	0.568	0.3	1.19	1.01 No	0.3	Element Fault
RLK073	760	'6461111_/6461108'	1.2	1.33	6.67	1.144	1.07	2.29	2.02 No	1.07	Element Fault
RLK073	761	'6623377_/8715278_1'	0.6	0.7	3.33	0.568	0.3	1.17	1.01 No	0.3	Element Fault
RLK073	762	'6607206_/6607203'	0.6	0.67	3.33	0.568	0.5	1.15	1.01 No	0.5	Element Fault
RLK073	763	'6461193_/6461203_1'	0.6	0.67	3.33	0.568	0.2	1.14	1.01 No	0.2	Element Fault
RLK073	764	'43922244_/6460738'	0.6	0.67	3.33	0.568	0.2	1.13	1.01 No	0.2	Element Fault
RLK073	765	'6461167_/43924347'	0.6	0.67	3.33	0.568	0.2	1.13	1.01 No	0.2	Element Fault
RLK073	766	'43741505_/5581669'	0.6	0.67	3.33	0.568	0.2	1.13	1.01 No	0.2	Element Fault
RLK073	767	'9034689_/395273060_2'	0.6	0.67	3.33	0.568	0.3	1.15	1.01 No	0.3	Element Fault
RLK073	768	'6461139_/6461136'	1.2	1.33	6.67	1.144	1.07	2.24	2.02 No	1.07	Element Fault
RLK073	769	'8715281_/8715278_2'	0.6	0.67	3.33	0.568	0.3	1.15	1.01 No	0.3	Element Fault
RLK073	770	'43922707_/6461203_2'	0.6	0.67	3.33	0.568	0.2	1.12	1.01 No	0.2	Element Fault
RLK073	771	'6607222_/6607219'	0.6	0.67	3.33	0.568	0.5	1.13	1.01 No	0.5	Element Fault
RLK073	772	'6460715_/6460725'	0.57	0.63	3.33	0.568	0.2	1.11	1.01 No	0.2	Element Fault
RLK073	773	'6617156_/6617154'	0.6	0.67	3.33	0.568	0.6	1.13	1.01 No	0.568	Thermal Discharging
RLK073	774	'6461180_/6461177'	0.57	0.63	3.33	0.568	0.2	1.11	1.01 No	0.2	Element Fault
RLK073	775	'6484465_/6484462'	1.13	1.27	6.67	1.144	1.07	2.21	2.02 No	1.07	Element Fault
RLK073	776	'43952607_/6607232'	0.57	0.67	3.33	0.568	0.5	1.11	1.01 No	0.5	Element Fault
RLK073	777	'8664796_/349704603_1'	0.5	0.67	3.33	0.568	0.3	1.13	1.01 No	0.3	Element Fault
RLK073	778	'9299618_/152218811_1'	0.5	0.67	3.33	0.568	0.3	1.13	1.01 No	0.3	Element Fault
RLK073	779	'6461219_/43922709'	0.6	0.63	3.33	0.568	0.2	1.09	1.01 No	0.2	Element Fault
RLK073	780	'43924954_/6472161'	0.57	0.63	3.33	0.568	0.2	1.09	1.01 No	0.2	Element Fault
RLK073	781	'8984736_/9610975'	0.47	0.67	3.33	0.568	0.3	1.12	1.01 No	0.3	Element Fault
RLK073	782	'6461232_/6461229'	0.6	0.63	3.33	0.568	0.2	1.09	1.01 No	0.2	Element Fault
RLK073	783	'6607248_/43952609'	0.57	0.63	3.33	0.568	0.5	1.09	1.01 No	0.5	Element Fault
RLK073	784	'6617530_/6617540'	0.57	0.63	3.33	0.568	0.6	1.1	1.01 No	0.568	Thermal Discharging
RLK073	785	'43953585_/6617167'	0.57	0.63	3.33	0.568	0.6	1.1	1.01 No	0.568	Thermal Discharging
RLK073	786	'43924959_/43924956'	0.57	0.63	3.33	0.568	0.2	1.07	1.01 No	0.2	Element Fault
RLK073	787	'6461245_/6461242'	0.57	0.63	3.33	0.568	0.2	1.07	1.01 No	0.2	Element Fault
RLK073	788	'6607261_/6607258'	0.57	0.63	3.33	0.568	0.5	1.06	1.01 No	0.5	Element Fault
RLK073	789	'6618679_/6618677'	0.57	0.63	3.33	0.568	0.6	1.08	1.01 No	0.568	Thermal Discharging
RLK073	790	'6461258_/6461255_1'	0.57	0.6	3.33	0.568	0.2	1.05	1.01 No	0.2	Element Fault
RLK073	791	'6617517_/6617527'	0.57	0.63	3.33	0.568	0.6	1.07	1.01 No	0.568	Thermal Discharging
RLK073	792	'43922718_/6461255_2'	0.57	0.6	3.33	0.568	0.2	1.05	1.01 No	0.2	Element Fault
RLK073	793	'340432963_/6617514_2'	0.53	0.63	3.33	0.568	0.6	1.06	1.01 No	0.53	Primary Over-Voltage
RLK073	794	'6619316_/6619326'	0.53	0.63	3.33	0.568	0.6	1.06	1.01 No	0.53	Primary Over-Voltage
RLK073	795	'43952618_/6607271'	0.53	0.6	3.33	0.568	0.5	1.04	1.01 No	0.5	Element Fault
RLK073	796	'8090256_/395273028'	0.53	0.6	3.33	0.568	0.3	1.05	1.01 No	0.3	Element Fault
RLK073	797	'6617488_/6617514_1'	0.53	0.6	3.33	0.568	0.3	1.05	1.01 No	0.3	Element Fault
RLK073	798	'8738385_/8738382'	0.43	0.6	3.33	0.568	0.5	1.05	1.01 No	0.43	Primary Over-Voltage
RLK073	799	'43922723_/43922720'	0.53	0.6	3.33	0.568	0.2	1.02	1.01 No	0.2	Element Fault
RLK073	800	'43953508_/43953510'	0.53	0.6	3.33	0.568	0.6	1.04	1.01 No	0.53	Primary Over-Voltage
RLK073	801	'5581616_/43952620'	0.53	0.6	3.33	0.568	0.5	1.02	1.01 No	0.5	Element Fault
RLK073	802	'430852513_/430852517'	0.43	0.6	3.33	0.568	0.3	1.05	1.01 No	0.3	Element Fault
RLK073	803	'43953817_/6617485'	0.53	0.6	3.33	0.568	0.3	1.03	1.01 No	0.3	Element Fault
RLK073	804	'6619290_/6619300'	0.53	0.6	3.33	0.568	0.6	1.02	1.01 No	0.53	Primary Over-Voltage
RLK073	805	'5581617_/5581614'	0.53	0.6	3.33	0.568	0.5	1	1.01 No	0.5	Element Fault
RLK073	806	'43953828_/6617501'	0.53	0.6	3.33	0.568	0.3	1.01	1.01 No	0.3	Element Fault
RLK073	807	'7720352_/8984701_1'	0.4	0.57	3.33	0.568	0.3	1	1.01 No	0.3	Element Fault
RLK073	808	'5581630_/5581627'	0.5	0.57	3.33	0.568	0.5	0.98	1.01 No	0.5	Primary Over-Voltage
RLK073	809	'6619289_/43953532'	0.5	0.57	3.33	0.568	0.6	1	1.01 No	0.5	Primary Over-Voltage
RLK073	810	'430852474_/430852547'	0.4	0.6	3.33	0.568	0.3	1	1.01 No	0.3	Element Fault
RLK073	811	'8090257_/381677350'	0.5	0.57	3.33	0.568	0.3	0.99	1.01 No	0.3	Element Fault
RLK073	812	'380875917_/381677260_1'	0.4	0.43	3.33	0.568	0.3	0.99	1.01 No	0.3	Element Fault
RLK073	813	'43953519_/6619352'	0.5	0.57	3.33	0.568	0.6	0.99	1.01 No	0.5	Primary Over-Voltage
RLK073	814	'7768980_/152218827'	0.47	0.57	3.33	0.568	0.3	1	1.01 No	0.3	Element Fault
RLK073	815	'381677394_/381677377_1'	0.5	0.57	3.33	0.568	0.3	0.98	1.01 No	0.3	Element Fault
RLK073	816	'43953541_/43953543'	0.5	0.57	3.33	0.568	0.6	0.98	1.01 No	0.5	Primary Over-Voltage
RLK073	817	'7720145_/76781085'	0.43	0.57	3.33	0.568	0.3	0.97	1.01 No	0.3	Element Fault
RLK073	818	'7720353_/430852493'	0.4	0.57	3.33	0.568	0.3	0.97	1.01 No	0.3	Element Fault
RLK073	819	'43953839_/43953841'	0.5	0.57	3.33	0.568	0.3	0.96	1.01 No	0.3	Element Fault
RLK073	820	'6616114_/6620364'	0.5	0.57	3.33	0.568	0.6	0.95	1.01 No	0.5	Primary Over-Voltage
RLK073	821	'8090223_/381677377_2'	0.5	0.57	3.33	0.568	0.3	0.95	1.01 No	0.3	Element Fault
RLK073	822	'7768979_/152218849'	0.43	0.53	3.33	0.568	0.3	0.94	1.01 No	0.3	Element Fault
RLK073	823	'43953850_/6617472'	0.47	0.53	3.33	0.568	0.3	0.93	1.01 No	0.3	Element Fault
RLK073	824	'8357395_/76781062'	0.43	0.53	3.33	0.568	0.3	0.93	1.01 No	0.3	Element Fault
RLK073	825	'6617410_/6617553'	0.47	0.53	3.33	0.568	0.3	0.9	1.01 No	0.3	Element Fault
RLK073	826	'6617409_/6617407'	0.47	0.53	3.33	0.568	0.3	0.9	1.01 No	0.3	Element Fault
RLK073	827	'43953872_/6617420'	0.47	0.5	3.33	0.568	0.3	0.88	1.01 No	0.3	Element Fault
RLK073	828	'8356968_/76781035'	0.4	0.53	3.33	0.568	0.3	0.89	1.01 No	0.3	Element Fault
RLK073	829	'7719702_/349704548_1'	0.4	0.5	3.33	0.568	0.3	0.89	1.01 No	0.3	Element Fault
RLK073	830	'6617435_/6617433'	0.47	0.5	3.33	0.568	0.3	0.88	1.01 No	0.3	Element Fault
RLK073	831	'391398395_/6617446_1'	0.47	0.5	3.33	0.568	0.2	0.88	1.01 No	0.2	Element Fault
RLK073	832	'7768948_/395272964'	0.43	0.5	3.33	0.568	0.3	0.87	1.01 No	0.3	Element Fault
RLK073	833	'7719703_/153312092'	0.4	0.5	3.33	0.568	0.3	0.88	1.01 No	0.3	Element Fault
RLK073	834	'6617613_/6617611'	0.43	0.5	3.33	0.568	0.3	0.86	1.01 No	0.3	Element Fault
RLK073	835	'6617449_/6617446_2'	0.43	0.5	3.33	0.568	0.2	0.86	1.01 No	0.2	Element Fault
RLK073	836	'6617630_/43954006'	0.43	0.5	3.33	0.568	0.3	0.85	1.01 No	0.3	Element Fault
RLK073	837	'445872380_/445872382'	0.43	0.5	3.33	0.568	0.3	0.85	1.01 No	0.3	Element Fault
RLK073	838	'7768947_/395272987'	0.43	0.5	3.33	0.568	0.3	0.84	1.01 No	0.3	Element Fault
RLK073	839	'445872593_/445872450_1'	0.43	0.47	3.33	0.568	0.1	0.84	1.01 No	0.1	Element Fault
RLK073	840	'445872495_/445872461_1'	0.43	0.5	3.33	0.568	0.3	0.84	1.01 No	0.3	Element Fault
RLK073	841	'43953861_/6617459'	0.43	0.5	3.33	0.568	0.2	0.84	1.01 No	0.2	Element Fault
RLK073	842	'445872569_/445872461_2'	0.43	0.47	3.33	0.568	0.2	0.83	1.01 No	0.2	Element Fault
RLK073	843	'6615792_/6615789'	0.43	0.47	3.33	0.568	0.2	0.83	1.01 No	0.2	Element Fault

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RLK073	844	'6617585_/_445872461_3'		0.43	0.47	3.33	0.568	0.2	0.82	1.01 No	0.2 Element Fault
RLK073	845	'6616868_/_6616865'		0.43	0.47	3.33	0.568	0.2	0.82	1.01 No	0.2 Element Fault
RLK073	846	'445872537_/_445872450_3'		0.43	0.47	3.33	0.568	0.2	0.82	1.01 No	0.2 Element Fault
RLK073	847	'6616920_/_6616917'		0.4	0.47	3.33	0.568	0.2	0.81	1.01 No	0.2 Element Fault
RLK073	848	'6617584_/_6617582'		0.4	0.47	3.33	0.568	0.2	0.8	1.01 No	0.2 Element Fault
RLK073	849	'419311899_/_395273008'		0.4	0.47	3.33	0.568	0.3	0.8	1.01 No	0.3 Element Fault
RLK073	850	'6616933_/_6616930'		0.4	0.47	3.33	0.568	0.2	0.8	1.01 No	0.2 Element Fault
RLK073	851	'6616881_/_6616878'		0.4	0.47	3.33	0.568	0.2	0.8	1.01 No	0.2 Element Fault
RLK073	852	'6616907_/_43953918'		0.4	0.47	3.33	0.568	0.2	0.79	1.01 No	0.2 Element Fault
RLK073	853	'43953883_/_6617394'		0.4	0.47	3.33	0.568	0.2	0.78	1.01 No	0.2 Element Fault
RLK073	854	'9034706_/_419311917'		0.4	0.47	3.33	0.568	0.3	0.78	1.01 No	0.3 Element Fault
RLK073	855	'6616946_/_6616943'		0.4	0.43	3.33	0.568	0.2	0.77	1.01 No	0.2 Element Fault
RLK073	856	'6617384_/_6617381'		0.4	0.43	3.33	0.568	0.2	0.75	1.01 No	0.2 Element Fault
RLK079	0	'RLK079_/_8847987'		10	10	10	2.072	10	10	3.49 No	2.072 Thermal Discharging
RLK079	1	'7270295_/_8847987'		10	10	10	2.072	10	10	3.49 No	2.072 Thermal Discharging
RLK079	2	'467882504_/_8530172'		10	10	10	2.072	10	10	3.49 No	2.072 Thermal Discharging
RLK079	3	'8529268_/_467882528'		10	10	10	2.072	10	10	3.49 No	2.072 Thermal Discharging
RLK079	4	'8215435_/_8529265'		10	10	10	2.072	10	10	3.49 No	2.072 Thermal Discharging
RLK079	5	'8215434_/_8215432'		10	10	10	2.072	10	10	3.49 No	2.072 Thermal Discharging
RLK079	6	'8735570_/_9474668'		10	10	10	2.072	10	10	3.49 No	2.072 Thermal Discharging
RLK079	7	'66273838_/_66273841'		10	10	10	2.072	10	10	3.49 No	2.072 Thermal Discharging
RLK079	8	'403794422_/_66274084'		10	10	10	2.072	10	10	3.49 No	2.072 Thermal Discharging
RLK079	9	'403794371_/_66273987'		10	10	10	2.072	10	10	3.49 No	2.072 Thermal Discharging
RLK079	10	'403794410_/_66273993'		10	10	10	2.072	10	10	3.49 No	2.072 Thermal Discharging
RLK079	11	'66274019_/_66274017'		10	10	10	2.072	10	10	3.49 No	2.072 Thermal Discharging
RLK079	12	'66274007_/_66274011'		10	10	10	2.072	4.6	10	3.49 No	2.072 Thermal Discharging
RLK079	13	'66273799_/_66274101'		10	10	10	2.072	10	10	3.49 No	2.072 Thermal Discharging
RLK079	14	'66273760_/_66273765'		10	10	10	2.072	10	10	3.49 No	2.072 Thermal Discharging
RLK079	15	'66274337_/_66274284_1'		10	10	10	2.072	10	10	3.49 No	2.072 Thermal Discharging
RLK079	16	'66274224_/_66274284_2'		10	10	10	2.072	10	10	3.49 No	2.072 Thermal Discharging
RLK079	17	'5589927_/_5589924'		10	10	10	2.072	10	10	3.49 No	2.072 Thermal Discharging
RLK079	18	'43742942_/_5589958'		10	10	10	2.072	10	10	3.49 No	2.072 Thermal Discharging
RLK079	19	'5589978_/_43742944'		10	10	10	2.072	10	10	3.49 No	2.072 Thermal Discharging
RLK079	20	'66274321_/_66274301_1'		3.33	3.33	3.33	0.688	0.5	3.33	1.16 No	0.5 Element Fault
RLK079	21	'5589995_/_5589992'		10	10	10	2.072	10	10	3.49 No	2.072 Thermal Discharging
RLK079	22	'43742929_/_5590009'		10	10	10	2.072	10	10	3.49 No	2.072 Thermal Discharging
RLK079	23	'43743605_/_43742931'		10	10	10	2.072	10	10	3.49 No	2.072 Thermal Discharging
RLK079	24	'5594133_/_43743607'		10	10	10	2.072	10	10	3.49 No	2.072 Thermal Discharging
RLK079	25	'5594104_/_5594131'		10	10	10	2.072	10	10	3.49 No	2.072 Thermal Discharging
RLK079	26	'5594105_/_5594115_1'		3.33	3.33	3.33	0.688	0.5	3.33	1.16 No	0.5 Element Fault
RLK079	27	'5586566_/_5594148'		10	10	10	2.072	10	10	3.49 No	2.072 Thermal Discharging
RLK079	28	'5586567_/_5586579_1'		6.67	6.67	6.67	1.384	1	6.67	2.33 No	1 Element Fault
RLK079	29	'5568040_/_5590429'		10	10	10	2.072	10	10	3.49 No	2.072 Thermal Discharging
RLK079	30	'5590449_/_5590446'		10	10	10	2.072	10	10	3.49 No	2.072 Thermal Discharging
RLK079	31	'5568041_/_5568051_1'		3.33	3.33	3.33	0.688	0.5	3.33	1.16 No	0.5 Element Fault
RLK079	32	'43743104_/_5586579_2'		6.67	6.67	6.67	1.384	1	6.67	2.33 No	1 Element Fault
RLK079	33	'5586644_/_5590463'		10	10	10	2.072	10	10	3.49 No	2.072 Thermal Discharging
RLK079	34	'5568054_/_5568051_2'		3.33	3.33	3.33	0.688	0.5	3.33	1.16 No	0.5 Element Fault
RLK079	35	'43743116_/_5590480'		10	10	10	2.072	10	10	3.49 No	2.072 Thermal Discharging
RLK079	36	'5568027_/_5568025_1'		3.33	3.33	3.33	0.688	0.5	3.33	1.16 No	0.5 Element Fault
RLK079	37	'5586582_/_43743106'		6.67	6.67	6.67	1.384	1	6.67	2.33 No	1 Element Fault
RLK079	38	'43742955_/_66274301_2'		3.33	3.33	3.33	0.688	0.5	3.33	1.16 No	0.5 Element Fault
RLK079	39	'5590500_/_5590497'		10	10	10	2.072	10	10	3.49 No	2.072 Thermal Discharging
RLK079	40	'5594118_/_5594115_2'		3.33	3.33	3.33	0.688	0.5	3.33	1.16 No	0.5 Element Fault
RLK079	41	'5590517_/_5590514'		10	10	10	2.072	10	10	3.49 No	2.072 Thermal Discharging
RLK079	42	'5590534_/_5590531'		10	10	10	2.072	10	10	3.49 No	2.072 Thermal Discharging
RLK079	43	'8043371_/_9300046_1'		3.33	3.33	3.33	0.688	0.5	3.33	1.16 No	0.5 Element Fault
RLK079	44	'5590554_/_5590551'		10	10	10	2.072	10	10	3.49 No	2.072 Thermal Discharging
RLK079	45	'5593871_/_5593868'		3.33	3.33	3.33	0.688	0.5	3.33	1.16 No	0.5 Element Fault
RLK079	46	'3640265_/_7075406'		10	10	10	2.072	10	10	3.49 No	2.072 Thermal Discharging
RLK079	47	'3640266_/_3640263'		10	10	10	2.072	10	10	3.49 No	2.072 Thermal Discharging
RLK079	48	'3640289_/_3640286'		10	10	10	2.072	10	10	3.49 No	2.072 Thermal Discharging
RLK079	49	'3632149_/_3632147_1'		3.33	3.33	3.33	0.688	0.5	3.33	1.16 No	0.5 Element Fault
RLK079	50	'3640306_/_3640303'		10	10	10	2.072	10	10	3.49 No	2.072 Thermal Discharging
RLK079	51	'3640323_/_3640320'		10	10	10	2.072	10	10	3.49 No	2.072 Thermal Discharging
RLK079	52	'5568028_/_5568025_2'		3.33	3.33	3.33	0.688	0.5	3.33	1.16 No	0.5 Element Fault
RLK079	53	'43743129_/_43743131'		3.33	3.33	3.33	0.688	0.5	3.33	1.16 No	0.5 Element Fault
RLK079	54	'3640340_/_3640337'		10	10	10	2.072	10	10	3.49 No	2.072 Thermal Discharging
RLK079	55	'3640357_/_3640354'		10	10	10	2.072	10	10	3.49 No	2.072 Thermal Discharging
RLK079	56	'3640374_/_3640371'		10	10	10	2.072	10	10	3.49 No	2.072 Thermal Discharging
RLK079	57	'3667954_/_3667969'		10	10	10	2.072	10	10	3.49 No	2.072 Thermal Discharging
RLK079	58	'43362092_/_3667952'		10	10	10	2.072	10	10	3.49 No	2.072 Thermal Discharging
RLK079	59	'3667937_/_43362094'		10	10	10	2.072	10	10	3.49 No	2.072 Thermal Discharging
RLK079	60	'3641895_/_3667935'		10	10	10	2.072	10	10	3.49 No	2.072 Thermal Discharging
RLK079	61	'51405845_/_5568093'		3.2	3.33	3.33	0.688	0.5	3.33	1.16 No	0.5 Element Fault
RLK079	62	'7583391_/_7902263_1'		10	10	10	2.072	1.5	10	3.49 No	1.5 Element Fault
RLK079	63	'7407065_/_9300046_2'		3.33	3.33	3.33	0.688	0.5	3.33	1.16 No	0.5 Element Fault
RLK079	64	'3641896_/_3641893'		10	10	10	2.072	10	10	3.49 No	2.072 Thermal Discharging
RLK079	65	'7902266_/_7902263_2'		10	10	10	2.072	1.5	10	3.49 No	1.5 Element Fault
RLK079	66	'52528655_/_52528630_2'		2.87	3.33	3.33	0.688	0.5	3.33	1.16 No	0.5 Element Fault
RLK079	67	'43355428_/_3641910'		10	10	10	2.072	10	10	3.49 No	2.072 Thermal Discharging
RLK079	68	'3641930_/_3641927'		10	10	10	2.072	10	10	3.49 No	2.072 Thermal Discharging
RLK079	69	'3641947_/_3641944'		10	10	10	2.072	10	10	3.49 No	2.072 Thermal Discharging
RLK079	70	'5586631_/_5586629'		3.33	3.33	3.33	0.688	0.5	3.33	1.16 No	0.5 Element Fault
RLK079	71	'3641964_/_3641961'		10	10	10	2.072	10	10	3.49 No	2.072 Thermal Discharging
RLK079	72	'51405853_/_51405688'		2.6	3.33	3.33	0.688	0.5	3.33	1.16 No	0.5 Element Fault
RLK079	73	'3641616_/_3647389'		10	10	10	2.072	10	10	3.49 No	2.072 Thermal Discharging
RLK079	74	'51405917_/_51405711_1'		2.53	3.33	3.33	0.688	0.5	3.33	1.16 No	0.5 Element Fault
RLK079	75	'3647409_/_3647406'		10	10	10	2.072	10	10	3.49 No	2.072 Thermal Discharging
RLK079	76	'3641617_/_3641614'		10	10	10	2.072	4.6	10	3.49 No	2.072 Thermal Discharging
RLK079	77	'635794409_/_635794358_1'		10	10	10	2.072	1.5	10	3.49 No	1.5 Element Fault
RLK079	78	'3647460_/_3647457'		10	10	10	2.072	10	10	3.49 No	2.072 Thermal Discharging
RLK079	79	'3667989_/_3667986'		10	10	10	2.072	10	10	3.49 No	2.072 Thermal Discharging
RLK079	80	'553083190_/_5586218_2'		2.33	3.33	3.33	0.688	0.5	3.33	1.16 No	0.5 Element Fault

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
											VSR (MW)	Limiting Threshold
RLK079	81	'7903044_/635794358_2'		10	10	10	2.072	1.5	10	3.49 No	1.5	Element Fault
RLK079	82	'43743093_/5568067'		2.37	3.33	3.33	0.688	0.5	3.33	1.16 No	0.5	Element Fault
RLK079	83	'7786917_/7786915_1'		3.33	3.33	3.33	0.688	0.5	3.33	1.16 No	0.5	Element Fault
RLK079	84	'3641636_/3668003'		10	10	10	2.072	10	10	3.49 No	2.072	Thermal Discharging
RLK079	85	'477110522_/477110475_1'		3.33	3.33	3.33	0.688	1.6	3.33	1.16 No	0.688	Thermal Discharging
RLK079	86	'3647426_/3647423'		10	10	10	2.072	10	10	3.49 No	2.072	Thermal Discharging
RLK079	87	'591429573_/477110475_2'		3.33	3.33	3.33	0.688	0.5	3.33	1.16 No	0.5	Element Fault
RLK079	88	'4549232_/7075566'		10	10	10	2.072	10	10	3.49 No	2.072	Thermal Discharging
RLK079	89	'4549233_/4549230'		10	10	10	2.072	10	10	3.49 No	2.072	Thermal Discharging
RLK079	90	'3632150_/3632147_2'		2.13	3.33	3.33	0.688	0.5	3.33	1.16 No	0.5	Element Fault
RLK079	91	'7075505_/7075502'		3.33	3.33	3.33	0.688	1.5	3.33	1.16 No	0.688	Thermal Discharging
RLK079	92	'8736500_/8736498_1'		10	10	10	2.072	1.5	10	3.49 No	1.5	Element Fault
RLK079	93	'4549250_/4549247'		10	10	10	2.072	10	10	3.49 No	2.072	Thermal Discharging
RLK079	94	'51405861_/51405711_2'		2.07	3.33	3.33	0.688	0.5	3.33	1.16 No	0.5	Element Fault
RLK079	95	'123319739_/123319690_2'		3.33	3.33	3.33	0.688	1.4	3.33	1.16 No	0.688	Thermal Discharging
RLK079	96	'4550783_/4550780'		10	10	10	2.072	10	10	3.49 No	2.072	Thermal Discharging
RLK079	97	'52528623_/52528630_1'		1.9	3.33	3.33	0.688	0.3	3.33	1.16 No	0.3	Element Fault
RLK079	98	'4549269_/4550797'		10	10	10	2.072	10	10	3.49 No	2.072	Thermal Discharging
RLK079	99	'54479709_/4550762_1'		6.67	6.67	6.67	1.384	1.6	6.67	2.33 No	1.384	Thermal Discharging
RLK079	100	'4549270_/4549267'		10	10	10	2.072	10	10	3.49 No	2.072	Thermal Discharging
RLK079	101	'43743583_/43743585'		2.03	3.33	3.33	0.688	0.5	3.33	1.16 No	0.5	Element Fault
RLK079	102	'4548009_/4549287'		10	10	10	2.072	10	10	3.49 No	2.072	Thermal Discharging
RLK079	103	'8736501_/8736498_2'		10	10	10	2.072	1.5	10	3.49 No	1.5	Element Fault
RLK079	104	'44478372_/7786915_2'		2.77	3.33	3.33	0.688	0.5	3.33	1.16 No	0.5	Element Fault
RLK079	105	'4548010_/7144029_1'		10	10	10	2.072	10	10	3.49 No	2.072	Thermal Discharging
RLK079	106	'76603239_/7144029_2'		10	10	10	2.072	10	10	3.49 No	2.072	Thermal Discharging
RLK079	107	'7613078_/8736518_1'		3.33	3.33	3.33	0.688	1.4	3.33	1.16 No	0.688	Thermal Discharging
RLK079	108	'3632166_/3632163'		1.83	3.33	3.33	0.688	0.5	3.33	1.16 No	0.5	Element Fault
RLK079	109	'51405885_/51405738'		1.83	3.33	3.33	0.688	0.5	3.33	1.16 No	0.5	Element Fault
RLK079	110	'4548454_/76603233'		10	10	10	2.072	10	10	3.49 No	2.072	Thermal Discharging
RLK079	111	'4548027_/4548037_1'		3.33	3.33	3.33	0.688	1.1	3.33	1.16 No	0.688	Thermal Discharging
RLK079	112	'615971246_/8736518_2'		3.33	3.33	3.33	0.688	0.5	3.33	1.16 No	0.5	Element Fault
RLK079	113	'43534870_/68330168'		8	10	10	2.072	10	10	3.49 No	2.072	Thermal Discharging
RLK079	114	'615971285_/4548037_2'		3.33	3.33	3.33	0.688	0.5	3.33	1.16 No	0.5	Element Fault
RLK079	115	'9054053_/9054051_1'		2.63	3.33	3.33	0.688	0.5	3.33	1.16 No	0.5	Element Fault
RLK079	116	'43534891_/43534875'		7.5	10	10	2.072	10	10	3.49 No	2.072	Thermal Discharging
RLK079	117	'477110439_/477110475_3'		3.33	3.33	3.33	0.688	0.5	3.33	1.16 No	0.5	Element Fault
RLK079	118	'4548040_/4548037_3'		3.33	3.33	3.33	0.688	0.5	3.33	1.16 No	0.5	Element Fault
RLK079	119	'43534909_/43534895'		7.1	10	10	2.072	10	10	3.49 No	2.072	Thermal Discharging
RLK079	120	'43534925_/43534911'		6.8	10	10	2.072	10	10	3.49 No	2.072	Thermal Discharging
RLK079	121	'9534933_/43534927_1'		6.8	10	10	2.072	10	10	3.49 No	2.072	Thermal Discharging
RLK079	122	'43355870_/3632176'		1.6	3.33	3.33	0.688	0.5	3.33	1.16 No	0.5	Element Fault
RLK079	123	'5586603_/5586613'		1.53	3.33	3.33	0.688	0.5	3.33	1.16 No	0.5	Element Fault
RLK079	124	'43534832_/43534927_2'		6.5	10	10	2.072	10	10	3.49 No	2.072	Thermal Discharging
RLK079	125	'43742979_/5586218_1'		1.57	3.33	3.33	0.688	0.1	3.33	1.16 No	0.1	Element Fault
RLK079	126	'43534855_/43534841'		6.4	10	10	2.072	10	10	3.49 No	2.072	Thermal Discharging
RLK079	127	'7327196_/9534930_2'		2.13	3.33	3.33	0.688	1.7	3.33	1.16 No	0.688	Thermal Discharging
RLK079	128	'43359360_/477110443'		2.43	3.33	3.33	0.688	0.5	3.33	1.16 No	0.5	Element Fault
RLK079	129	'7327195_/9534930_1'		1.97	3.33	3.33	0.688	0.5	3.33	1.16 No	0.5	Element Fault
RLK079	130	'7720233_/123319690_1'		2.2	3.33	3.33	0.688	0.5	3.33	1.16 No	0.5	Element Fault
RLK079	131	'5592939_/5592937'		1.57	3.33	3.33	0.688	0.5	3.33	1.16 No	0.5	Element Fault
RLK079	132	'8664940_/8664937'		2.03	3.33	3.33	0.688	0.5	3.33	1.16 No	0.5	Element Fault
RLK079	133	'9054054_/9054051_2'		1.63	3.33	3.33	0.688	0.5	3.33	1.16 No	0.5	Element Fault
RLK079	134	'3632191_/3632189'		1.37	3.33	3.33	0.688	0.5	3.33	1.16 No	0.5	Element Fault
RLK079	135	'8110968_/8984629'		1.87	3.33	3.33	0.688	0.5	3.33	1.16 No	0.5	Element Fault
RLK079	136	'4542686_/43534859'		5.2	10	10	2.072	10	10	3.49 No	2.072	Thermal Discharging
RLK079	137	'4542687_/4542684'		5.1	10	10	2.072	10	10	3.49 No	2.072	Thermal Discharging
RLK079	138	'4542704_/4542701'		5	10	10	2.072	10	10	3.49 No	2.072	Thermal Discharging
RLK079	139	'3631035_/43359362'		1.9	3.33	3.33	0.688	0.5	3.33	1.16 No	0.5	Element Fault
RLK079	140	'7083511_/7083508'		1.93	3.33	3.33	0.688	0.5	3.33	1.16 No	0.5	Element Fault
RLK079	141	'43742850_/5585939'		1.33	3.33	3.33	0.688	0.5	3.33	1.16 No	0.5	Element Fault
RLK079	142	'8736521_/8736518_3'		1.9	3.33	3.33	0.688	0.5	3.33	1.16 No	0.5	Element Fault
RLK079	143	'43533204_/4549304'		4.9	10	10	2.072	10	10	3.49 No	2.072	Thermal Discharging
RLK079	144	'4542355_/4550762_2'		3	6.67	6.67	1.384	1.6	6.67	2.33 No	1.384	Thermal Discharging
RLK079	145	'4549318_/4549315'		4.8	10	10	2.072	10	10	3.49 No	2.072	Thermal Discharging
RLK079	146	'54479727_/4542503_1'		1.5	3.33	3.33	0.688	0.5	3.33	1.16 No	0.5	Element Fault
RLK079	147	'580177292_/43742981_1'		1.23	3.33	3.33	0.688	0.1	3.33	1.16 No	0.1	Element Fault
RLK079	148	'52528664_/52528671'		1.27	3.33	3.33	0.688	0.3	3.33	1.16 No	0.3	Element Fault
RLK079	149	'8412690_/7143964_1'		4.7	10	10	2.072	10	10	3.49 No	2.072	Thermal Discharging
RLK079	150	'43533214_/7143964_2'		4.7	10	10	2.072	10	10	3.49 No	2.072	Thermal Discharging
RLK079	151	'7791991_/7791989_1'		4.7	10	10	2.072	1.5	10	3.49 No	1.5	Element Fault
RLK079	152	'43743082_/5586600'		1.2	3.33	3.33	0.688	0.5	3.33	1.16 No	0.5	Element Fault
RLK079	153	'54479737_/4542353_1'		2.87	6.67	6.67	1.384	1	6.67	2.33 No	1	Element Fault
RLK079	154	'5586234_/43742981_2'		1.2	3.33	3.33	0.688	0.1	3.33	1.16 No	0.1	Element Fault
RLK079	155	'7407064_/7407062'		1.23	3.33	3.33	0.688	0.5	3.33	1.16 No	0.5	Element Fault
RLK079	156	'7791992_/7791989_2'		4.6	10	10	2.072	1.5	10	3.49 No	1.5	Element Fault
RLK079	157	'3632205_/3632202'		1.2	3.33	3.33	0.688	0.5	3.33	1.16 No	0.5	Element Fault
RLK079	158	'43533157_/4542503_2'		1.5	3.33	3.33	0.688	0.5	3.33	1.16 No	0.5	Element Fault
RLK079	159	'8110969_/8110966'		1.5	3.33	3.33	0.688	0.5	3.33	1.16 No	0.5	Element Fault
RLK079	160	'4542356_/4542353_2'		2.6	6.67	6.67	1.384	1	6.67	2.33 No	1	Element Fault
RLK079	161	'9686923_/9686920'		4.1	10	10	2.072	1.5	10	3.49 No	1.5	Element Fault
RLK079	162	'3631036_/3631033'		1.53	3.33	3.33	0.688	0.5	3.33	1.16 No	0.5	Element Fault
RLK079	163	'4542775_/43533159'		1.47	3.33	3.33	0.688	0.5	3.33	1.16 No	0.5	Element Fault
RLK079	164	'5586492_/5586490'		1.07	3.33	3.33	0.688	0.5	3.33	1.16 No	0.5	Element Fault
RLK079	165	'8709379_/9659866'		1.2	3.33	3.33	0.688	0.5	3.33	1.16 No	0.5	Element Fault
RLK079	166	'3631049_/3631046'		1.47	3.33	3.33	0.688	0.5	3.33	1.16 No	0.5	Element Fault
RLK079	167	'43533230_/43533218'		4.4	10	10	2.072	10	10	3.49 No	2.072	Thermal Discharging
RLK079	168	'3632218_/3632215'		1.07	3.33	3.33	0.688	0.5	3.33	1.16 No	0.5	Element Fault
RLK079	169	'3631091_/3631088'		1.43	3.33	3.33	0.688	0.5	3.33	1.16 No	0.5	Element Fault
RLK079	170	'52150949_/43533232'		4.3	10	10	2.072	10	10	3.49 No	2.072	Thermal Discharging
RLK079	171	'9659538_/9683328'		1.33	3.33	3.33	0.688	0.5	3.33	1.16 No	0.5	Element Fault
RLK079	172	'43532737_/52150914'		4.3	10	10	2.072	10	10	3.49 No	2.072	Thermal Discharging
RLK079	173	'8412714_/43532741_1'		4.3	10	10	2.072	10	10	3.49 No	2.072	Thermal Discharging
RLK079	174	'8412715_/9687004_1'		4.3	10	10	2.072	1.5	10	3.49 No	1.5	Element Fault

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RLK079	175	'43533243_/_7127828'	4.2	10	10	2.072	4.9	10	3.49 No	2.072	Thermal Discharging
RLK079	176	'8087406_/_8709376'	1.13	3.33	3.33	0.688	0.5	3.33	1.16 No	0.5	Element Fault
RLK079	177	'7127831_/_7127845_1'	4.2	10	10	2.072	1.7	10	3.49 No	1.7	Element Fault
RLK079	178	'7128035_/_43532741_2'	4.3	10	10	2.072	10	10	3.49 No	2.072	Thermal Discharging
RLK079	179	'4542788_/_4542785'	1.37	3.33	3.33	0.688	0.5	3.33	1.16 No	0.5	Element Fault
RLK079	180	'7486957_/_7486978_1'	4.3	10	10	2.072	10	10	3.49 No	2.072	Thermal Discharging
RLK079	181	'123556964_/_7128049_1'	1.4	3.33	3.33	0.688	0.5	3.33	1.16 No	0.5	Element Fault
RLK079	182	'4542371_/_4542368'	2.27	6.67	6.67	1.384	1	6.67	2.33 No	1	Element Fault
RLK079	183	'43532763_/_123556912'	4.2	10	10	2.072	10	10	3.49 No	2.072	Thermal Discharging
RLK079	184	'7486305_/_7486302_1'	4.2	10	10	2.072	2.6	10	3.49 No	2.072	Thermal Discharging
RLK079	185	'4542278_/_43532773'	4.2	10	10	2.072	10	10	3.49 No	2.072	Thermal Discharging
RLK079	186	'9687007_/_9687004_2'	4.1	10	10	2.072	1.5	10	3.49 No	1.5	Element Fault
RLK079	187	'5585955_/_5585952'	1.03	3.33	3.33	0.688	0.5	3.33	1.16 No	0.5	Element Fault
RLK079	188	'7486981_/_7486978_2'	4.2	10	10	2.072	10	10	3.49 No	2.072	Thermal Discharging
RLK079	189	'4542279_/_4542289_1'	1.4	3.33	3.33	0.688	0.5	3.33	1.16 No	0.5	Element Fault
RLK079	190	'43536332_/_123557123'	4.2	10	10	2.072	10	10	3.49 No	2.072	Thermal Discharging
RLK079	191	'8087405_/_8087403'	1.07	3.33	3.33	0.688	0.5	3.33	1.16 No	0.5	Element Fault
RLK079	192	'7486304_/_7486302_2'	4	10	10	2.072	2.6	10	3.49 No	2.072	Thermal Discharging
RLK079	193	'7128052_/_7128049_2'	1.33	3.33	3.33	0.688	0.5	3.33	1.16 No	0.5	Element Fault
RLK079	194	'4542723_/_7127845_2'	3.9	10	10	2.072	1.7	10	3.49 No	1.7	Element Fault
RLK079	195	'4542801_/_4542798'	1.27	3.33	3.33	0.688	0.5	3.33	1.16 No	0.5	Element Fault
RLK079	196	'3632231_/_3632228'	0.97	3.33	3.33	0.688	0.5	3.33	1.16 No	0.5	Element Fault
RLK079	197	'67505531_/_67505494_1'	3.8	10	10	2.072	0.9	10	3.49 No	0.9	Element Fault
RLK079	198	'43355478_/_3631059'	1.27	3.33	3.33	0.688	0.5	3.33	1.16 No	0.5	Element Fault
RLK079	199	'4542292_/_4542289_2'	1.3	3.33	3.33	0.688	0.5	3.33	1.16 No	0.5	Element Fault
RLK079	200	'43743045_/_5586503'	0.93	3.33	3.33	0.688	0.5	3.33	1.16 No	0.5	Element Fault
RLK079	201	'8087470_/_8114474'	4.1	10	10	2.072	10	10	3.49 No	2.072	Thermal Discharging
RLK079	202	'37977198_/_8087467'	4.1	10	10	2.072	10	10	3.49 No	2.072	Thermal Discharging
RLK079	203	'405075047_/_37977195'	4.1	10	10	2.072	10	10	3.49 No	2.072	Thermal Discharging
RLK079	204	'37977226_/_37977223'	4.1	10	10	2.072	5.1	10	3.49 No	2.072	Thermal Discharging
RLK079	205	'405075116_/_405075113'	4.1	10	10	2.072	10	10	3.49 No	2.072	Thermal Discharging
RLK079	206	'37977212_/_37977209'	4.1	10	10	2.072	10	10	3.49 No	2.072	Thermal Discharging
RLK079	207	'7885020_/_7885017'	4	10	10	2.072	10	10	3.49 No	2.072	Thermal Discharging
RLK079	208	'43742990_/_5586244_2'	0.93	3.33	3.33	0.688	0.1	3.33	1.16 No	0.1	Element Fault
RLK079	209	'7766099_/_8087419'	1	3.33	3.33	0.688	0.5	3.33	1.16 No	0.5	Element Fault
RLK079	210	'3631104_/_3631101'	1.2	3.33	3.33	0.688	0.5	3.33	1.16 No	0.5	Element Fault
RLK079	211	'67491939_/_7452844_2'	3.9	10	10	2.072	5.1	10	3.49 No	2.072	Thermal Discharging
RLK079	212	'4542814_/_4542811'	1.23	3.33	3.33	0.688	0.5	3.33	1.16 No	0.5	Element Fault
RLK079	213	'6518599_/_7452844_1'	3.9	10	10	2.072	1.9	10	3.49 No	1.9	Element Fault
RLK079	214	'67505487_/_67505494_2'	3.5	10	10	2.072	0.9	10	3.49 No	0.9	Element Fault
RLK079	215	'4542386_/_4542383'	2	6.67	6.67	1.384	1	6.67	2.33 No	1	Element Fault
RLK079	216	'7613094_/_7613107_1'	1.23	3.33	3.33	0.688	0.1	3.33	1.16 No	0.1	Element Fault
RLK079	217	'7766100_/_7766097'	0.97	3.33	3.33	0.688	0.5	3.33	1.16 No	0.5	Element Fault
RLK079	218	'123557030_/_4542321'	1.2	3.33	3.33	0.688	0.5	3.33	1.16 No	0.5	Element Fault
RLK079	219	'52150718_/_43536336'	3.8	10	10	2.072	10	10	3.49 No	2.072	Thermal Discharging
RLK079	220	'7143967_/_52150736_2'	3.8	10	10	2.072	10	10	3.49 No	2.072	Thermal Discharging
RLK079	221	'3631120_/_3631117'	1.13	3.33	3.33	0.688	0.5	3.33	1.16 No	0.5	Element Fault
RLK079	222	'4542724_/_4542721'	3.4	10	10	2.072	1.7	10	3.49 No	1.7	Element Fault
RLK079	223	'3632137_/_3632241'	0.9	3.33	3.33	0.688	0.5	3.33	1.16 No	0.5	Element Fault
RLK079	224	'7326725_/_7326723_1'	3.4	10	10	2.072	1	10	3.49 No	1	Element Fault
RLK079	225	'3631078_/_43355480'	1.13	3.33	3.33	0.688	0.5	3.33	1.16 No	0.5	Element Fault
RLK079	226	'9474163_/_9474176_1'	1.13	3.33	3.33	0.688	0.3	3.33	1.16 No	0.3	Element Fault
RLK079	227	'4542741_/_4542738'	3.2	10	10	2.072	1.7	10	3.49 No	1.7	Element Fault
RLK079	228	'6518565_/_6518579'	3.6	10	10	2.072	1.9	10	3.49 No	1.9	Element Fault
RLK079	229	'5585968_/_5585965'	0.87	3.33	3.33	0.688	0.5	3.33	1.16 No	0.5	Element Fault
RLK079	230	'7326726_/_7326723_2'	3.2	10	10	2.072	1	10	3.49 No	1	Element Fault
RLK079	231	'4542827_/_4542824'	1.1	3.33	3.33	0.688	0.5	3.33	1.16 No	0.5	Element Fault
RLK079	232	'5586506_/_43743047'	0.83	3.33	3.33	0.688	0.5	3.33	1.16 No	0.5	Element Fault
RLK079	233	'4542758_/_4542755'	3.2	10	10	2.072	1.7	10	3.49 No	1.7	Element Fault
RLK079	234	'7796035_/_9687128'	3.2	10	10	2.072	2.6	10	3.49 No	2.072	Thermal Discharging
RLK079	235	'9031873_/_9031871'	0.87	3.33	3.33	0.688	0.5	3.33	1.16 No	0.5	Element Fault
RLK079	236	'7613110_/_7613107_2'	1.07	3.33	3.33	0.688	0.1	3.33	1.16 No	0.1	Element Fault
RLK079	237	'37976855_/_9346944'	3.7	10	10	2.072	10	10	3.49 No	2.072	Thermal Discharging
RLK079	238	'405075557_/_37976859'	3.7	10	10	2.072	10	10	3.49 No	2.072	Thermal Discharging
RLK079	239	'37976904_/_37976901'	3.7	10	10	2.072	4.9	10	3.49 No	2.072	Thermal Discharging
RLK079	240	'37976890_/_37976887'	3.7	10	10	2.072	4.6	10	3.49 No	2.072	Thermal Discharging
RLK079	241	'37976876_/_37976873'	3.7	10	10	2.072	10	10	3.49 No	2.072	Thermal Discharging
RLK079	242	'4545115_/_4545112'	2.07	6.67	6.67	1.384	1.13	6.67	2.33 No	1.13	Element Fault
RLK079	243	'3631133_/_3631130'	1.07	3.33	3.33	0.688	0.5	3.33	1.16 No	0.5	Element Fault
RLK079	244	'9031507_/_123319717'	1	3.33	3.33	0.688	0.5	3.33	1.16 No	0.5	Element Fault
RLK079	245	'3632121_/_3632134'	0.83	3.33	3.33	0.688	0.5	3.33	1.16 No	0.5	Element Fault
RLK079	246	'6518548_/_6518562'	3.3	10	10	2.072	1.9	10	3.49 No	1.9	Element Fault
RLK079	247	'8372933_/_8372930'	3.6	10	10	2.072	4.6	10	3.49 No	2.072	Thermal Discharging
RLK079	248	'9660004_/_9660002'	3.6	10	10	2.072	4.9	10	3.49 No	2.072	Thermal Discharging
RLK079	249	'4545129_/_4545127'	3	10	10	2.072	1.7	10	3.49 No	1.7	Element Fault
RLK079	250	'7766188_/_7766185_3'	3.3	10	10	2.072	1.9	10	3.49 No	1.9	Element Fault
RLK079	251	'9031910_/_9660022'	3.6	10	10	2.072	4.9	10	3.49 No	2.072	Thermal Discharging
RLK079	252	'9031909_/_9031907'	3.5	10	10	2.072	4.9	10	3.49 No	2.072	Thermal Discharging
RLK079	253	'7885080_/_9031927'	3.5	10	10	2.072	4.9	10	3.49 No	2.072	Thermal Discharging
RLK079	254	'4542401_/_4542398'	1.67	6.67	6.67	1.384	1	6.67	2.33 No	1	Element Fault
RLK079	255	'7885060_/_7885077'	3.5	10	10	2.072	4.9	10	3.49 No	2.072	Thermal Discharging
RLK079	256	'4558362_/_43532827'	1.87	6.67	6.67	1.384	1.13	6.67	2.33 No	1.13	Element Fault
RLK079	257	'9659900_/_9659930'	0.8	3.33	3.33	0.688	0.5	3.33	1.16 No	0.5	Element Fault
RLK079	258	'4546272_/_4546269'	2.8	10	10	2.072	1.7	10	3.49 No	1.7	Element Fault
RLK079	259	'43533256_/_4543031'	1	3.33	3.33	0.688	0.5	3.33	1.16 No	0.5	Element Fault
RLK079	260	'8087025_/_8087023'	2.9	10	10	2.072	2.6	10	3.49 No	2.072	Thermal Discharging
RLK079	261	'5586260_/_43742992'	0.77	3.33	3.33	0.688	0.1	3.33	1.16 No	0.1	Element Fault
RLK079	262	'3631859_/_3632118'	0.77	3.33	3.33	0.688	0.5	3.33	1.16 No	0.5	Element Fault
RLK079	263	'6518531_/_6518545'	3.1	10	10	2.072	1.9	10	3.49 No	1.9	Element Fault
RLK079	264	'455261254_/_8709304'	3.4	10	10	2.072	10	10	3.49 No	2.072	Thermal Discharging
RLK079	265	'405113585_/_449336635'	3.4	10	10	2.072	10	10	3.49 No	2.072	Thermal Discharging
RLK079	266	'455261250_/_449336619'	3.4	10	10	2.072	10	10	3.49 No	2.072	Thermal Discharging
RLK079	267	'455261262_/_449336627'	3.4	10	10	2.072	4.6	10	3.49 No	2.072	Thermal Discharging
RLK079	268	'455261258_/_449336611'	3.4	10	10	2.072	4.9	10	3.49 No	2.072	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RLK079	269	'7452867_/_9659966_1'	3.1	10	10	2.072	1.2	10	3.49 No	1.2	Element Fault
RLK079	270	'9031508_/_9031505'	0.9	3.33	3.33	0.688	0.5	3.33	1.16 No	0.5	Element Fault
RLK079	271	'9474179_/_9474176_2'	0.97	3.33	3.33	0.688	0.3	3.33	1.16 No	0.3	Element Fault
RLK079	272	'8740320_/_8740318'	0.8	3.33	3.33	0.688	0.5	3.33	1.16 No	0.5	Element Fault
RLK079	273	'454494567_/_454494616'	3.4	10	10	2.072	4.9	10	3.49 No	2.072	Thermal Discharging
RLK079	274	'7452887_/_9659986'	0.77	3.33	3.33	0.688	0.5	3.33	1.16 No	0.5	Element Fault
RLK079	275	'454494641_/_454494683'	3.3	10	10	2.072	4.6	10	3.49 No	2.072	Thermal Discharging
RLK079	276	'4546289_/_4546286'	2.7	10	10	2.072	1.7	10	3.49 No	1.7	Element Fault
RLK079	277	'7452886_/_7452884'	0.77	3.33	3.33	0.688	0.5	3.33	1.16 No	0.5	Element Fault
RLK079	278	'5585981_/_5585978'	0.77	3.33	3.33	0.688	0.5	3.33	1.16 No	0.5	Element Fault
RLK079	279	'67491862_/_8372642'	3.3	10	10	2.072	4.6	10	3.49 No	2.072	Thermal Discharging
RLK079	280	'7885059_/_7885057'	3.2	10	10	2.072	4.9	10	3.49 No	2.072	Thermal Discharging
RLK079	281	'3631146_/_3631143'	0.93	3.33	3.33	0.688	0.5	3.33	1.16 No	0.5	Element Fault
RLK079	282	'6518511_/_6518528'	2.9	10	10	2.072	1.9	10	3.49 No	1.9	Element Fault
RLK079	283	'7885039_/_9659966_2'	2.9	10	10	2.072	1.2	10	3.49 No	1.2	Element Fault
RLK079	284	'7766187_/_7766185_1'	2.9	10	10	2.072	1.9	10	3.49 No	1.9	Element Fault
RLK079	285	'4546306_/_4546303'	2.6	10	10	2.072	1.7	10	3.49 No	1.7	Element Fault
RLK079	286	'4542416_/_4542413'	1.53	6.67	6.67	1.384	1	6.67	2.33 No	1	Element Fault
RLK079	287	'7327489_/_7327487_1'	2.6	10	10	2.072	0.9	10	3.49 No	0.9	Element Fault
RLK079	288	'4542840_/_4542837'	0.9	3.33	3.33	0.688	0.5	3.33	1.16 No	0.5	Element Fault
RLK079	289	'8086969_/_9346636_1'	3	10	10	2.072	2.5	10	3.49 No	2.072	Thermal Discharging
RLK079	290	'6508835_/_9346636_2'	3	10	10	2.072	2.5	10	3.49 No	2.072	Thermal Discharging
RLK079	291	'6510058_/_6518508'	2.8	10	10	2.072	1.9	10	3.49 No	1.9	Element Fault
RLK079	292	'455260989_/_9031291'	3.1	10	10	2.072	4.9	10	3.49 No	2.072	Thermal Discharging
RLK079	293	'455260988_/_395987358'	3.1	10	10	2.072	4.9	10	3.49 No	2.072	Thermal Discharging
RLK079	294	'455260995_/_395987368'	3.1	10	10	2.072	4.9	10	3.49 No	2.072	Thermal Discharging
RLK079	295	'455261007_/_395987386'	3.1	10	10	2.072	4.9	10	3.49 No	2.072	Thermal Discharging
RLK079	296	'117480826_/_6510055_2'	2.8	10	10	2.072	1.9	10	3.49 No	1.9	Element Fault
RLK079	297	'43930939_/_8712806'	3.1	10	10	2.072	4.9	10	3.49 No	2.072	Thermal Discharging
RLK079	298	'67491914_/_43930941_1'	3.1	10	10	2.072	2.4	10	3.49 No	2.072	Thermal Discharging
RLK079	299	'7327490_/_7327487_2'	2.4	10	10	2.072	0.9	10	3.49 No	0.9	Element Fault
RLK079	300	'4546329_/_4546326'	2.4	10	10	2.072	1.7	10	3.49 No	1.7	Element Fault
RLK079	301	'3631860_/_3631857'	0.67	3.33	3.33	0.688	0.5	3.33	1.16 No	0.5	Element Fault
RLK079	302	'50210642_/_9659898'	0.7	3.33	3.33	0.688	0.5	3.33	1.16 No	0.5	Element Fault
RLK079	303	'454494107_/_7766027'	3.1	10	10	2.072	10	10	3.49 No	2.072	Thermal Discharging
RLK079	304	'405075648_/_37976782'	3.1	10	10	2.072	10	10	3.49 No	2.072	Thermal Discharging
RLK079	305	'454494095_/_37976754'	3.1	10	10	2.072	10	10	3.49 No	2.072	Thermal Discharging
RLK079	306	'454494269_/_37976796'	3.1	10	10	2.072	5	10	3.49 No	2.072	Thermal Discharging
RLK079	307	'4542431_/_4542428'	1.4	6.4	6.67	1.384	1	6.67	2.33 No	1	Element Fault
RLK079	308	'43930952_/_43930941_2'	2.9	10	10	2.072	2.4	10	3.49 No	2.072	Thermal Discharging
RLK079	309	'471150798_/_4542458_1'	0.7	3.2	3.33	0.688	0.3	3.33	1.16 No	0.3	Element Fault
RLK079	310	'43931280_/_6508833'	2.8	10	10	2.072	2.5	10	3.49 No	2.072	Thermal Discharging
RLK079	311	'4542461_/_4542458_2'	0.7	3.13	3.33	0.688	0.3	3.33	1.16 No	0.3	Element Fault
RLK079	312	'6508211_/_6510360'	2.7	10	10	2.072	2.5	10	3.49 No	2.072	Thermal Discharging
RLK079	313	'454494708_/_454494765'	2.8	10	10	2.072	4.9	10	3.49 No	2.072	Thermal Discharging
RLK079	314	'419944859_/_454494712_1'	2.8	10	10	2.072	4.9	10	3.49 No	2.072	Thermal Discharging
RLK079	315	'4546348_/_4546363'	2.3	10	10	2.072	1.7	10	3.49 No	1.7	Element Fault
RLK079	316	'43742861_/_5585991'	0.67	3	3.33	0.688	0.5	3.33	1.16 No	0.5	Element Fault
RLK079	317	'455261430_/_454494712_2'	2.8	10	10	2.072	4.9	10	3.49 No	2.072	Thermal Discharging
RLK079	318	'51047074_/_43930954'	2.8	10	10	2.072	2.4	10	3.49 No	2.072	Thermal Discharging
RLK079	319	'4542477_/_4542474'	0.7	3.1	3.33	0.688	0.3	3.33	1.16 No	0.3	Element Fault
RLK079	320	'3631159_/_3631156'	0.83	3.33	3.33	0.688	0.5	3.33	1.16 No	0.5	Element Fault
RLK079	321	'51047255_/_51047157_1'	2.8	10	10	2.072	1.5	10	3.49 No	1.5	Element Fault
RLK079	322	'465556414_/_466221282_2'	2.8	10	10	2.072	4.9	10	3.49 No	2.072	Thermal Discharging
RLK079	323	'3631201_/_3631198'	0.8	3.33	3.33	0.688	0.5	3.33	1.16 No	0.5	Element Fault
RLK079	324	'6510057_/_6510055_1'	2.5	10	10	2.072	1	10	3.49 No	1	Element Fault
RLK079	325	'51047150_/_51047157_2'	2.8	10	10	2.072	1.5	10	3.49 No	1.5	Element Fault
RLK079	326	'455261465_/_6509232_1'	2.8	10	10	2.072	2.4	10	3.49 No	2.072	Thermal Discharging
RLK079	327	'8087438_/_9346984'	0.67	3.33	3.33	0.688	0.5	3.33	1.16 No	0.5	Element Fault
RLK079	328	'7259757_/_7259755_1'	0.8	3.33	3.33	0.688	0.3	3.33	1.16 No	0.3	Element Fault
RLK079	329	'4542853_/_4542850'	0.8	3.33	3.33	0.688	0.5	3.33	1.16 No	0.5	Element Fault
RLK079	330	'6508231_/_6508228'	2.6	10	10	2.072	2.5	10	3.49 No	2.072	Thermal Discharging
RLK079	331	'4546349_/_4546346'	2.2	10	10	2.072	1.7	10	3.49 No	1.7	Element Fault
RLK079	332	'51047099_/_51047076'	2.7	10	10	2.072	2.4	10	3.49 No	2.072	Thermal Discharging
RLK079	333	'6518228_/_6518226_1'	2.6	10	10	2.072	0.9	10	3.49 No	0.9	Element Fault
RLK079	334	'115719045_/_115719056'	2.9	10	10	2.072	5	10	3.49 No	2.072	Thermal Discharging
RLK079	335	'6508852_/_43931282'	2.6	10	10	2.072	2.5	10	3.49 No	2.072	Thermal Discharging
RLK079	336	'466221259_/_466221282_1'	2.7	10	10	2.072	4.9	10	3.49 No	2.072	Thermal Discharging
RLK079	337	'6508288_/_6508285'	2.7	10	10	2.072	2.4	10	3.49 No	2.072	Thermal Discharging
RLK079	338	'43932288_/_6518226_2'	2.6	10	10	2.072	0.9	10	3.49 No	0.9	Element Fault
RLK079	339	'6508248_/_6508245_1'	2.5	9.9	10	2.072	2.3	10	3.49 No	2.072	Thermal Discharging
RLK079	340	'6508191_/_6508208'	2.6	10	10	2.072	2.5	10	3.49 No	2.072	Thermal Discharging
RLK079	341	'50210708_/_50210715'	0.63	3.17	3.33	0.688	0.5	3.33	1.16 No	0.5	Element Fault
RLK079	342	'4542446_/_4542443'	1.27	5.73	6.67	1.384	1	6.67	2.33 No	1	Element Fault
RLK079	343	'453136558_/_453136564'	2.9	10	10	2.072	10	10	3.49 No	2.072	Thermal Discharging
RLK079	344	'453136338_/_453136640'	2.9	10	10	2.072	10	10	3.49 No	2.072	Thermal Discharging
RLK079	345	'453136323_/_453136336'	2.9	10	10	2.072	10	10	3.49 No	2.072	Thermal Discharging
RLK079	346	'453136346_/_453136344'	2.9	10	10	2.072	4.8	10	3.49 No	2.072	Thermal Discharging
RLK079	347	'453136322_/_453136320'	2.9	10	10	2.072	10	10	3.49 No	2.072	Thermal Discharging
RLK079	348	'453136330_/_453136328'	2.9	10	10	2.072	4.7	10	3.49 No	2.072	Thermal Discharging
RLK079	349	'6508305_/_6508302'	2.6	10	10	2.072	2.4	10	3.49 No	2.072	Thermal Discharging
RLK079	350	'453136506_/_453136612'	2.9	10	10	2.072	10	10	3.49 No	2.072	Thermal Discharging
RLK079	351	'6509234_/_6509232_2'	2.6	9.9	10	2.072	2.4	10	3.49 No	2.072	Thermal Discharging
RLK079	352	'43930965_/_6518471'	2.5	9.7	10	2.072	2.4	10	3.49 No	2.072	Thermal Discharging
RLK079	353	'43930927_/_6508188'	2.5	9.5	10	2.072	2.5	10	3.49 No	2.072	Thermal Discharging
RLK079	354	'3631172_/_3631169'	0.77	3.17	3.33	0.688	0.5	3.33	1.16 No	0.5	Element Fault
RLK079	355	'6508872_/_6508850'	2.4	9.4	10	2.072	2.5	10	3.49 No	2.072	Thermal Discharging
RLK079	356	'7902301_/_7902299_1'	0.77	3.17	3.33	0.688	0.3	3.33	1.16 No	0.3	Element Fault
RLK079	357	'43931487_/_6510075'	2.3	9	10	2.072	1	10	3.49 No	1	Element Fault
RLK079	358	'4542866_/_4542863'	0.77	3.1	3.33	0.688	0.5	3.33	1.16 No	0.5	Element Fault
RLK079	359	'43931293_/_7134225'	2.4	9.3	10	2.072	0.9	10	3.49 No	0.9	Element Fault
RLK079	360	'3631873_/_3631870'	0.6	2.83	3.33	0.688	0.5	3.33	1.16 No	0.5	Element Fault
RLK079	361	'3631214_/_3631211'	0.73	3.1	3.33	0.688	0.5	3.33	1.16 No	0.5	Element Fault
RLK079	362	'8845689_/_8845687_1'	0.73	3.1	3.33	0.688	0.3	3.33	1.16 No	0.3	Element Fault

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RLK079	363	'6508944_/_6508941'	0.8	3.07	3.33	0.688	0.83	3.33	1.16	No	0.688 Thermal Discharging
RLK079	364	'5585994_/_43742863'	0.6	2.63	3.33	0.688	0.5	3.33	1.16	No	0.5 Element Fault
RLK079	365	'43931107_/_6509252'	2.4	9	10	2.072	2.4	10	3.49	No	2.072 Thermal Discharging
RLK079	366	'3631185_/_3631182'	0.73	3.03	3.33	0.688	0.5	3.33	1.16	No	0.5 Element Fault
RLK079	367	'37687994_/_7902299_2'	0.73	3	3.33	0.688	0.3	3.33	1.16	No	0.3 Element Fault
RLK079	368	'37687987_/_37687991'	0.73	3	3.33	0.688	0.3	3.33	1.16	No	0.3 Element Fault
RLK079	369	'37688008_/_37688012'	0.73	3	3.33	0.688	0.3	3.33	1.16	No	0.3 Element Fault
RLK079	370	'400091421_/_37687984_2'	0.73	3	3.33	0.688	0.3	3.33	1.16	No	0.3 Element Fault
RLK079	371	'400091422_/_400091419'	0.73	3	3.33	0.688	0.3	3.33	1.16	No	0.3 Element Fault
RLK079	372	'37687980_/_37687984_1'	0.73	3	3.33	0.688	0.3	3.33	1.16	No	0.3 Element Fault
RLK079	373	'6508176_/_6508642'	1.6	5.93	6.67	1.384	1.67	6.67	2.33	No	1.384 Thermal Discharging
RLK079	374	'43931267_/_6508870'	2.3	8.9	10	2.072	2.5	10	3.49	No	2.072 Thermal Discharging
RLK079	375	'9346744_/_9346742_1'	0.8	2.97	3.33	0.688	0.5	3.33	1.16	No	0.5 Element Fault
RLK079	376	'50210676_/_50210734'	0.6	2.87	3.33	0.688	0.5	3.33	1.16	No	0.5 Element Fault
RLK079	377	'444081557_/_453136514'	2.6	10	10	2.072	10	10	3.49	No	2.072 Thermal Discharging
RLK079	378	'7259758_/_7259755_2'	0.7	2.97	3.33	0.688	0.3	3.33	1.16	No	0.3 Element Fault
RLK079	379	'61697448_/_6508155_1'	1.53	5.8	6.67	1.384	1	6.67	2.33	No	1 Element Fault
RLK079	380	'55039123_/_454494319'	2.5	9.2	10	2.072	5	10	3.49	No	2.072 Thermal Discharging
RLK079	381	'7134228_/_43931295'	2.3	8.7	10	2.072	0.9	10	3.49	No	0.9 Element Fault
RLK079	382	'427921421_/_453136679'	2.6	9.6	10	2.072	4.8	10	3.49	No	2.072 Thermal Discharging
RLK079	383	'4542879_/_4542876'	0.7	2.9	3.33	0.688	0.5	3.33	1.16	No	0.5 Element Fault
RLK079	384	'9031313_/_55039130'	2.5	9	10	2.072	5	10	3.49	No	2.072 Thermal Discharging
RLK079	385	'451946690_/_4542889_1'	0.7	2.87	3.33	0.688	0.3	3.33	1.16	No	0.3 Element Fault
RLK079	386	'4542519_/_4542516'	1.13	5.07	6.67	1.384	1	6.67	2.33	No	1 Element Fault
RLK079	387	'43931254_/_43931269'	2.2	8.4	10	2.072	2.5	10	3.49	No	2.072 Thermal Discharging
RLK079	388	'6510095_/_6510092'	2.1	8	10	2.072	1	10	3.49	No	1 Element Fault
RLK079	389	'7884815_/_50210678'	0.57	2.73	3.33	0.688	0.5	3.33	1.16	No	0.5 Element Fault
RLK079	390	'7613062_/_8276292_1'	0.57	2.5	3.33	0.688	0.3	3.33	1.16	No	0.3 Element Fault
RLK079	391	'454494800_/_395640935'	1.53	5.73	6.67	1.384	3.27	6.67	2.33	No	1.384 Thermal Discharging
RLK079	392	'465556344_/_8113734_2'	2.3	8.4	10	2.072	4.9	10	3.49	No	2.072 Thermal Discharging
RLK079	393	'465556327_/_8113734_1'	2.3	8.4	10	2.072	4.9	10	3.49	No	2.072 Thermal Discharging
RLK079	394	'6509272_/_43931109'	2.2	8.2	10	2.072	2.4	10	3.49	No	2.072 Thermal Discharging
RLK079	395	'7884816_/_8087435_1'	0.57	2.67	3.33	0.688	0.5	3.33	1.16	No	0.5 Element Fault
RLK079	396	'453136435_/_453136476'	2.5	9	10	2.072	4.7	10	3.49	No	2.072 Thermal Discharging
RLK079	397	'3631227_/_3631224'	0.67	2.8	3.33	0.688	0.5	3.33	1.16	No	0.5 Element Fault
RLK079	398	'6510114_/_6510206'	0.67	2.63	3.33	0.688	0.33	3.33	1.16	No	0.33 Element Fault
RLK079	399	'453136714_/_453136796'	2.4	8.9	10	2.072	4.8	10	3.49	No	2.072 Thermal Discharging
RLK079	400	'453136713_/_453136711'	2.4	8.9	10	2.072	4.8	10	3.49	No	2.072 Thermal Discharging
RLK079	401	'453136738_/_453136735'	2.4	8.9	10	2.072	4.8	10	3.49	No	2.072 Thermal Discharging
RLK079	402	'453136730_/_453136727'	2.4	8.9	10	2.072	4.8	10	3.49	No	2.072 Thermal Discharging
RLK079	403	'453136722_/_453136719'	2.4	8.9	10	2.072	4.8	10	3.49	No	2.072 Thermal Discharging
RLK079	404	'4542537_/_4542534'	1.07	4.93	6.67	1.384	1	6.67	2.33	No	1 Element Fault
RLK079	405	'8086937_/_9346742_2'	0.73	2.7	3.33	0.688	0.5	3.33	1.16	No	0.5 Element Fault
RLK079	406	'7259742_/_7259739'	0.67	2.77	3.33	0.688	0.3	3.33	1.16	No	0.3 Element Fault
RLK079	407	'6508140_/_6508155_2'	1.47	5.4	6.67	1.384	1	6.67	2.33	No	1 Element Fault
RLK079	408	'536142490_/_536142521'	2.4	8.7	10	2.072	4.8	10	3.49	No	2.072 Thermal Discharging
RLK079	409	'6508893_/_43931256'	2.1	8	10	2.072	2.5	10	3.49	No	2.072 Thermal Discharging
RLK079	410	'7452376_/_7452374_1'	0.7	2.67	3.33	0.688	0.5	3.33	1.16	No	0.5 Element Fault
RLK079	411	'345401793_/_348382506'	2.4	8.6	10	2.072	4.7	10	3.49	No	2.072 Thermal Discharging
RLK079	412	'3631889_/_3631886'	0.53	2.5	3.33	0.688	0.5	3.33	1.16	No	0.5 Element Fault
RLK079	413	'43355684_/_3631925'	0.53	2.5	3.33	0.688	0.5	3.33	1.16	No	0.5 Element Fault
RLK079	414	'6509292_/_6509289'	2.1	7.6	10	2.072	2.4	10	3.49	No	2.072 Thermal Discharging
RLK079	415	'4542892_/_4542889_2'	0.67	2.63	3.33	0.688	0.3	3.33	1.16	No	0.3 Element Fault
RLK079	416	'3640572_/_3640569'	0.63	2.67	3.33	0.688	0.5	3.33	1.16	No	0.5 Element Fault
RLK079	417	'7765678_/_348382471'	2.3	8.3	10	2.072	4.7	10	3.49	No	2.072 Thermal Discharging
RLK079	418	'471150734_/_4542915_1'	0.67	2.63	3.33	0.688	0.1	3.33	1.16	No	0.1 Element Fault
RLK079	419	'7452377_/_7452374_2'	0.7	2.57	3.33	0.688	0.5	3.33	1.16	No	0.5 Element Fault
RLK079	420	'67491821_/_453136826'	2.3	8.2	10	2.072	4.8	10	3.49	No	2.072 Thermal Discharging
RLK079	421	'454494843_/_454494890'	2.3	8.6	10	2.072	4.9	10	3.49	No	2.072 Thermal Discharging
RLK079	422	'452857423_/_8086935'	0.7	2.57	3.33	0.688	0.5	3.33	1.16	No	0.5 Element Fault
RLK079	423	'43931465_/_6510112'	0.63	2.5	3.33	0.688	0.33	3.33	1.16	No	0.33 Element Fault
RLK079	424	'68472177_/_6507388_1'	2.3	8.2	10	2.072	0.9	10	3.49	No	0.9 Element Fault
RLK079	425	'6510180_/_6510177'	0.63	2.5	3.33	0.688	0.33	3.33	1.16	No	0.33 Element Fault
RLK079	426	'7884632_/_536142494'	2.3	8.1	10	2.072	4.8	10	3.49	No	2.072 Thermal Discharging
RLK079	427	'6510041_/_6510236'	1.9	7.2	10	2.072	1	10	3.49	No	1 Element Fault
RLK079	428	'7765850_/_454494847'	2.1	7.6	10	2.072	4.9	10	3.49	No	2.072 Thermal Discharging
RLK079	429	'4542918_/_4542915_2'	0.63	2.57	3.33	0.688	0.1	3.33	1.16	No	0.1 Element Fault
RLK079	430	'6508139_/_6508137'	1.33	5	6.67	1.384	1	6.67	2.33	No	1 Element Fault
RLK079	431	'8845690_/_8845687_2'	0.63	2.53	3.33	0.688	0.3	3.33	1.16	No	0.3 Element Fault
RLK079	432	'8372665_/_9346726_1'	0.67	2.47	3.33	0.688	0.5	3.33	1.16	No	0.5 Element Fault
RLK079	433	'449644554_/_452857441'	0.67	2.47	3.33	0.688	0.5	3.33	1.16	No	0.5 Element Fault
RLK079	434	'7452393_/_7452390'	0.67	2.47	3.33	0.688	0.5	3.33	1.16	No	0.5 Element Fault
RLK079	435	'9031239_/_453136894'	2.2	7.9	10	2.072	4.8	10	3.49	No	2.072 Thermal Discharging
RLK079	436	'3631240_/_43355504'	0.63	2.53	3.33	0.688	0.5	3.33	1.16	No	0.5 Element Fault
RLK079	437	'395641237_/_395641251'	2.1	7.5	10	2.072	4.9	10	3.49	No	2.072 Thermal Discharging
RLK079	438	'43930687_/_6507388_2'	2.2	7.9	10	2.072	0.9	10	3.49	No	0.9 Element Fault
RLK079	439	'462690374_/_416175959'	2.1	7.5	10	2.072	4.9	10	3.49	No	2.072 Thermal Discharging
RLK079	440	'6510042_/_6510039'	0.6	2.37	3.33	0.688	0.33	3.33	1.16	No	0.33 Element Fault
RLK079	441	'6509309_/_6509306'	2	7.2	10	2.072	2.4	10	3.49	No	2 Primary Over-Voltage
RLK079	442	'7902318_/_7902315'	0.6	2.5	3.33	0.688	0.3	3.33	1.16	No	0.3 Element Fault
RLK079	443	'459659509_/_459659555'	1.33	4.67	6.67	1.384	3.27	6.67	2.33	No	1.33 Primary Over-Voltage
RLK079	444	'6510324_/_43931467'	0.63	2.43	3.33	0.688	0.33	3.33	1.16	No	0.33 Element Fault
RLK079	445	'455260737_/_459907326'	2.2	7.6	10	2.072	5	10	3.49	No	2.072 Thermal Discharging
RLK079	446	'455260731_/_395987179'	1.6	5.3	10	2.072	5	10	3.49	No	1.6 Primary Over-Voltage
RLK079	447	'455260725_/_395987171'	1.6	5.3	10	2.072	5	10	3.49	No	1.6 Primary Over-Voltage
RLK079	448	'6507414_/_43930703'	2.2	7.8	10	2.072	0.9	10	3.49	No	0.9 Element Fault
RLK079	449	'568998454_/_568998460'	1.6	5.3	10	2.072	5	10	3.49	No	1.6 Primary Over-Voltage
RLK079	450	'4542552_/_4542549'	1	4.4	6.67	1.384	1	6.67	2.33	No	1 Primary Over-Voltage
RLK079	451	'568998488_/_568998504'	1.6	5.3	10	2.072	5	10	3.49	No	1.6 Primary Over-Voltage
RLK079	452	'7765658_/_148220354'	2.2	7.6	10	2.072	4.7	10	3.49	No	2.072 Thermal Discharging
RLK079	453	'43930992_/_43930994'	2	7.1	10	2.072	2.4	10	3.49	No	2 Primary Over-Voltage
RLK079	454	'6510952_/_9659696_2'	2	7	10	2.072	2.4	10	3.49	No	2 Primary Over-Voltage
RLK079	455	'568998522_/_568998554'	1.6	5.3	10	2.072	5	10	3.49	No	1.6 Primary Over-Voltage
RLK079	456	'9346729_/_9346726_2'	0.67	2.4	3.33	0.688	0.5	3.33	1.16	No	0.5 Element Fault

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RLK079	457	'4542905_/_4542902'		0.6	2.43	3.33	0.688	0.3	3.33	1.16 No	0.3 Element Fault
RLK079	458	'43930267_/_43930269'		0.67	2.4	3.33	0.688	0.5	3.33	1.16 No	0.5 Element Fault
RLK079	459	'7765991_/_9659696_1'		2	7	10	2.072	1.5	10	3.49 No	1.5 Element Fault
RLK079	460	'465622724_/_465622567'		2	7.2	10	2.072	4.9	10	3.49 No	2 Primary Over-Voltage
RLK079	461	'8276295_/_8276292_2'		0.57	2.2	3.33	0.688	0.3	3.33	1.16 No	0.3 Element Fault
RLK079	462	'6509326_/_6509323'		1.9	7	10	2.072	2.4	10	3.49 No	1.9 Primary Over-Voltage
RLK079	463	'4542933_/_4543044'		0.6	2.43	3.33	0.688	0.3	3.33	1.16 No	0.3 Element Fault
RLK079	464	'471150757_/_4542986_1'		0.6	2.4	3.33	0.688	0.1	3.33	1.16 No	0.1 Element Fault
RLK079	465	'466796816_/_455260666_2'		1.6	5.3	10	2.072	5	10	3.49 No	1.6 Primary Over-Voltage
RLK079	466	'6508340_/_455260666_1'		1.6	5.3	10	2.072	1.5	10	3.49 No	1.5 Element Fault
RLK079	467	'459659551_/_462726303'		2	7.1	10	2.072	4.9	10	3.49 No	2 Primary Over-Voltage
RLK079	468	'8086938_/_449644570'		0.63	2.33	3.33	0.688	0.5	3.33	1.16 No	0.5 Element Fault
RLK079	469	'454493959_/_454493969'		2.1	7.4	10	2.072	4.8	10	3.49 No	2.072 Thermal Discharging
RLK079	470	'7765657_/_7765655'		2.1	7.4	10	2.072	4.7	10	3.49 No	2.072 Thermal Discharging
RLK079	471	'3631928_/_43355686'		0.47	2.23	3.33	0.688	0.5	3.33	1.16 No	0.47 Primary Over-Voltage
RLK079	472	'6510221_/_6510219'		1.7	6.6	10	2.072	1	10	3.49 No	1 Element Fault
RLK079	473	'43931017_/_6508352'		1.07	3.53	6.67	1.384	1	6.67	2.33 No	1 Element Fault
RLK079	474	'368571424_/_368571386_1'		1.7	6.6	10	2.072	0.9	10	3.49 No	0.9 Element Fault
RLK079	475	'3631902_/_3631899'		0.47	2.2	3.33	0.688	0.5	3.33	1.16 No	0.47 Primary Over-Voltage
RLK079	476	'43931094_/_6509340'		1.9	6.7	10	2.072	2.4	10	3.49 No	1.9 Primary Over-Voltage
RLK079	477	'4542567_/_4542564'		0.93	4.27	6.67	1.384	1	6.67	2.33 No	0.93 Primary Over-Voltage
RLK079	478	'43931005_/_6508337'		1.6	5.3	10	2.072	1.5	10	3.49 No	1.5 Element Fault
RLK079	479	'37977100_/_7765989'		1.9	6.7	10	2.072	1.5	10	3.49 No	1.5 Element Fault
RLK079	480	'405075215_/_37977104'		1.9	6.7	10	2.072	1.5	10	3.49 No	1.5 Element Fault
RLK079	481	'37977086_/_37977083'		1.9	6.7	10	2.072	1.5	10	3.49 No	1.5 Element Fault
RLK079	482	'405075232_/_405075229'		1.9	6.7	10	2.072	1.5	10	3.49 No	1.5 Element Fault
RLK079	483	'37977072_/_37977076'		1.9	6.7	10	2.072	1.5	10	3.49 No	1.5 Element Fault
RLK079	484	'4542989_/_4542986_2'		0.6	2.33	3.33	0.688	0.1	3.33	1.16 No	0.1 Element Fault
RLK079	485	'6506373_/_6506383'		0.67	2.3	3.33	0.688	0.5	3.33	1.16 No	0.5 Element Fault
RLK079	486	'251772841_/_9031687_2'		1.9	6.6	10	2.072	1.5	10	3.49 No	1.5 Element Fault
RLK079	487	'6516685_/_9031687_1'		1.9	6.6	10	2.072	0.9	10	3.49 No	0.9 Element Fault
RLK079	488	'8086990_/_8086987'		0.6	2.23	3.33	0.688	0.5	3.33	1.16 No	0.5 Element Fault
RLK079	489	'8087005_/_459659513'		1.9	6.7	10	2.072	4.9	10	3.49 No	1.9 Primary Over-Voltage
RLK079	490	'4542934_/_4542931'		0.57	2.3	3.33	0.688	0.3	3.33	1.16 No	0.3 Element Fault
RLK079	491	'240526197_/_240526206'		1.8	6.5	10	2.072	0.9	10	3.49 No	0.9 Element Fault
RLK079	492	'3631915_/_3631912'		0.47	2.13	3.33	0.688	0.5	3.33	1.16 No	0.47 Primary Over-Voltage
RLK079	493	'6508321_/_6508319'		1.6	5.4	10	2.072	1.5	10	3.49 No	1.5 Element Fault
RLK079	494	'9659485_/_9659482'		0.67	2.2	3.33	0.688	0.5	3.33	1.16 No	0.5 Element Fault
RLK079	495	'104581394_/_104581399'		1.8	6.2	10	2.072	4.7	10	3.49 No	1.8 Primary Over-Voltage
RLK079	496	'43931452_/_43931454'		1.7	6.3	10	2.072	1	10	3.49 No	1 Element Fault
RLK079	497	'6515608_/_43931096'		1.8	6.4	10	2.072	2.4	10	3.49 No	1.8 Primary Over-Voltage
RLK079	498	'7452599_/_7765969_1'		1.8	6.4	10	2.072	1.5	10	3.49 No	1.5 Element Fault
RLK079	499	'6516686_/_43932139'		1.2	4.27	6.67	1.384	0.6	6.67	2.33 No	0.6 Element Fault
RLK079	500	'117496890_/_459395731_2'		1.7	6.3	10	2.072	1	10	3.49 No	1 Element Fault
RLK079	501	'43533168_/_4542579'		0.93	4.07	6.67	1.384	1	6.67	2.33 No	0.93 Primary Over-Voltage
RLK079	502	'6506202_/_6506370'		0.67	2.2	3.33	0.688	0.5	3.33	1.16 No	0.5 Element Fault
RLK079	503	'8437255_/_104581463'		1.8	6.3	10	2.072	4.7	10	3.49 No	1.8 Primary Over-Voltage
RLK079	504	'109381337_/_109381343'		1.8	6.4	10	2.072	4.9	10	3.49 No	1.8 Primary Over-Voltage
RLK079	505	'9659771_/_454493993'		1.9	6.7	10	2.072	4.8	10	3.49 No	1.9 Primary Over-Voltage
RLK079	506	'4542949_/_4542973'		0.57	2.17	3.33	0.688	0.3	3.33	1.16 No	0.3 Element Fault
RLK079	507	'123404894_/_6506286_2'		0.67	2.17	3.33	0.688	0.5	3.33	1.16 No	0.5 Element Fault
RLK079	508	'8905626_/_8905623'		0.53	2	3.33	0.688	0.3	3.33	1.16 No	0.3 Element Fault
RLK079	509	'8087046_/_459395731_1'		1.6	6.1	10	2.072	0.6	10	3.49 No	0.6 Element Fault
RLK079	510	'43931306_/_6515622'		1.7	6.2	10	2.072	2.4	10	3.49 No	1.7 Primary Over-Voltage
RLK079	511	'6510015_/_6510347'		0.67	2.17	3.33	0.688	0.5	3.33	1.16 No	0.5 Element Fault
RLK079	512	'7765972_/_7765969_2'		1.7	6.2	10	2.072	1.5	10	3.49 No	1.5 Element Fault
RLK079	513	'7960318_/_7960315'		0.53	2.17	3.33	0.688	0.2	3.33	1.16 No	0.2 Element Fault
RLK079	514	'470419152_/_454494012'		1.9	6.6	10	2.072	4.8	10	3.49 No	1.9 Primary Over-Voltage
RLK079	515	'123677283_/_123677288'		1.8	6.3	10	2.072	4.9	10	3.49 No	1.8 Primary Over-Voltage
RLK079	516	'8276246_/_9534384'		0.5	2	3.33	0.688	0.3	3.33	1.16 No	0.3 Element Fault
RLK079	517	'8087066_/_368571386_2'		1.6	6	10	2.072	0.9	10	3.49 No	0.9 Element Fault
RLK079	518	'7452698_/_8709204'		1.7	6.2	10	2.072	1.5	10	3.49 No	1.5 Element Fault
RLK079	519	'104581352_/_104581356'		1.8	6.3	10	2.072	4.7	10	3.49 No	1.8 Primary Over-Voltage
RLK079	520	'8086780_/_9031219'		1.27	4.33	6.67	1.384	3.13	6.67	2.33 No	1.27 Primary Over-Voltage
RLK079	521	'123677328_/_123677357'		1.8	6.3	10	2.072	4.9	10	3.49 No	1.8 Primary Over-Voltage
RLK079	522	'7452699_/_7452696_1'		1.7	6.1	10	2.072	1.5	10	3.49 No	1.5 Element Fault
RLK079	523	'6506201_/_6506199'		0.67	2.13	3.33	0.688	0.5	3.33	1.16 No	0.5 Element Fault
RLK079	524	'123677245_/_123677339'		1.7	6.3	10	2.072	4.9	10	3.49 No	1.7 Primary Over-Voltage
RLK079	525	'8276247_/_8276244'		0.5	1.97	3.33	0.688	0.3	3.33	1.16 No	0.3 Element Fault
RLK079	526	'6509499_/_43931308'		1.7	6.1	10	2.072	2.4	10	3.49 No	1.7 Primary Over-Voltage
RLK079	527	'470419184_/_470419216'		1.8	6.4	10	2.072	4.8	10	3.49 No	1.8 Primary Over-Voltage
RLK079	528	'43930278_/_6506286_1'		0.67	2.1	3.33	0.688	0.3	3.33	1.16 No	0.3 Element Fault
RLK079	529	'4542599_/_43533170'		0.87	3.93	6.67	1.384	1	6.67	2.33 No	0.87 Primary Over-Voltage
RLK079	530	'8372953_/_8372950'		0.57	2.03	3.33	0.688	0.5	3.33	1.16 No	0.5 Element Fault
RLK079	531	'43931476_/_6510013'		0.7	2.1	3.33	0.688	0.5	3.33	1.16 No	0.5 Element Fault
RLK079	532	'123556703_/_3641864'		0.43	1.97	3.33	0.688	0.5	3.33	1.16 No	0.43 Primary Over-Voltage
RLK079	533	'8086779_/_8086777'		1.2	4.2	6.67	1.384	3.13	6.67	2.33 No	1.2 Primary Over-Voltage
RLK079	534	'470419120_/_470419200'		1.8	6.3	10	2.072	4.8	10	3.49 No	1.8 Primary Over-Voltage
RLK079	535	'104581309_/_104581450'		1.8	6.3	10	2.072	4.7	10	3.49 No	1.8 Primary Over-Voltage
RLK079	536	'489635283_/_109381463'		1.7	6.1	10	2.072	4.9	10	3.49 No	1.7 Primary Over-Voltage
RLK079	537	'489635351_/_489635367'		1.7	6.1	10	2.072	4.9	10	3.49 No	1.7 Primary Over-Voltage
RLK079	538	'6509500_/_6509497'		1.07	3.93	6.67	1.384	1.6	6.67	2.33 No	1.07 Primary Over-Voltage
RLK079	539	'43930234_/_6515012'		0.7	2.07	3.33	0.688	0.5	3.33	1.16 No	0.5 Element Fault
RLK079	540	'466527272_/_470419124'		1.8	6.3	10	2.072	4.8	10	3.49 No	1.8 Primary Over-Voltage
RLK079	541	'6508062_/_6510409'		1.6	5.9	10	2.072	2.4	10	3.49 No	1.6 Primary Over-Voltage
RLK079	542	'489635317_/_489635383'		1.7	6.1	10	2.072	4.9	10	3.49 No	1.7 Primary Over-Voltage
RLK079	543	'40980021_/_104581214'		1.8	6.3	10	2.072	4.7	10	3.49 No	1.8 Primary Over-Voltage
RLK079	544	'466527240_/_466527302'		1.8	6.3	10	2.072	4.8	10	3.49 No	1.8 Primary Over-Voltage
RLK079	545	'551075009_/_551074966_1'		1.6	5.9	10	2.072	1.4	10	3.49 No	1.4 Element Fault
RLK079	546	'6506276_/_6506328'		0.7	2.07	3.33	0.688	0.3	3.33	1.16 No	0.3 Element Fault
RLK079	547	'4542950_/_4542947'		0.53	2.07	3.33	0.688	0.3	3.33	1.16 No	0.3 Element Fault
RLK079	548	'104581267_/_104581271'		1.8	6.2	10	2.072	4.7	10	3.49 No	1.8 Primary Over-Voltage
RLK079	549	'473586602_/_466527244'		1.8	6.3	10	2.072	4.8	10	3.49 No	1.8 Primary Over-Voltage
RLK079	550	'473586634_/_473586666'		1.8	6.2	10	2.072	4.8	10	3.49 No	1.8 Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RLK079	551	'473586570_/_473586650'	1.8	6.2	10	2.072	4.8	10	3.49 No	1.8	Primary Over-Voltage
RLK079	552	'473880448_/_473880468'	1.8	6.2	10	2.072	4.8	10	3.49 No	1.8	Primary Over-Voltage
RLK079	553	'551074950_/_551074966_2'	1.6	5.8	10	2.072	1.4	10	3.49 No	1.4	Element Fault
RLK079	554	'123556710_/_123556707'	0.4	1.9	3.33	0.688	0.5	3.33	1.16 No	0.4	Primary Over-Voltage
RLK079	555	'7326761_/_9534448'	0.5	1.87	3.33	0.688	0.3	3.33	1.16 No	0.3	Element Fault
RLK079	556	'6509518_/_6509515'	1.07	3.87	6.67	1.384	1.6	6.67	2.33 No	1.07	Primary Over-Voltage
RLK079	557	'8712956_/_8712954_1'	0.53	1.93	3.33	0.688	0.5	3.33	1.16 No	0.5	Element Fault
RLK079	558	'473880497_/_473880570'	1.7	6.1	10	2.072	4.8	10	3.49 No	1.7	Primary Over-Voltage
RLK079	559	'6506260_/_6506273'	0.7	2	3.33	0.688	0.3	3.33	1.16 No	0.3	Element Fault
RLK079	560	'6508061_/_6508059'	1.6	5.7	10	2.072	2.4	10	3.49 No	1.6	Primary Over-Voltage
RLK079	561	'7643190_/_9221506'	0.5	2	3.33	0.688	0.2	3.33	1.16 No	0.2	Element Fault
RLK079	562	'6506189_/_6514996'	0.67	1.97	3.33	0.688	0.5	3.33	1.16 No	0.5	Element Fault
RLK079	563	'453136221_/_104581433'	1.7	6	10	2.072	4.7	10	3.49 No	1.7	Primary Over-Voltage
RLK079	564	'405113856_/_37976152'	1.7	6	10	2.072	4.7	10	3.49 No	1.7	Primary Over-Voltage
RLK079	565	'453136213_/_37976131'	1.7	6	10	2.072	4.7	10	3.49 No	1.7	Primary Over-Voltage
RLK079	566	'455803241_/_405113870'	1.7	6	10	2.072	4.7	10	3.49 No	1.7	Primary Over-Voltage
RLK079	567	'453136207_/_37976124'	1.7	6	10	2.072	4.7	10	3.49 No	1.7	Primary Over-Voltage
RLK079	568	'6510029_/_43931478'	0.7	2	3.33	0.688	0.5	3.33	1.16 No	0.5	Element Fault
RLK079	569	'6509536_/_6509533'	1.07	3.8	6.67	1.384	1.6	6.67	2.33 No	1.07	Primary Over-Voltage
RLK079	570	'7766068_/_7766065_1'	0.7	2	3.33	0.688	0.3	3.33	1.16 No	0.3	Element Fault
RLK079	571	'9031452_/_489635321'	1.6	5.8	10	2.072	4.9	10	3.49 No	1.6	Primary Over-Voltage
RLK079	572	'482807885_/_473880517'	1.7	6	10	2.072	4.8	10	3.49 No	1.7	Primary Over-Voltage
RLK079	573	'6517855_/_8087331'	1.7	6	10	2.072	4.3	10	3.49 No	1.7	Primary Over-Voltage
RLK079	574	'7884651_/_9346656'	1.6	5.8	10	2.072	4.9	10	3.49 No	1.6	Primary Over-Voltage
RLK079	575	'4542963_/_4542960'	0.5	1.97	3.33	0.688	0.3	3.33	1.16 No	0.3	Element Fault
RLK079	576	'6509551_/_6509548'	1	3.73	6.67	1.384	1.6	6.67	2.33 No	1	Primary Over-Voltage
RLK079	577	'6506259_/_6506257'	0.67	1.97	3.33	0.688	0.3	3.33	1.16 No	0.3	Element Fault
RLK079	578	'9659521_/_9659518'	1	3.73	6.67	1.384	1	6.67	2.33 No	1	Primary Over-Voltage
RLK079	579	'8709342_/_9659732'	0.53	1.9	3.33	0.688	0.5	3.33	1.16 No	0.5	Element Fault
RLK079	580	'7643174_/_7643188'	0.5	1.93	3.33	0.688	0.2	3.33	1.16 No	0.2	Element Fault
RLK079	581	'482807953_/_482807985'	1.7	5.8	10	2.072	4.8	10	3.49 No	1.7	Primary Over-Voltage
RLK079	582	'6517193_/_6517207'	1.5	5.5	10	2.072	2.4	10	3.49 No	1.5	Primary Over-Voltage
RLK079	583	'6517856_/_6517853'	1.7	5.8	10	2.072	0.9	10	3.49 No	0.9	Element Fault
RLK079	584	'43930289_/_43930291'	0.67	1.93	3.33	0.688	0.3	3.33	1.16 No	0.3	Element Fault
RLK079	585	'6506176_/_6506186'	0.67	1.9	3.33	0.688	0.5	3.33	1.16 No	0.5	Element Fault
RLK079	586	'6517401_/_6517398'	0.67	1.93	3.33	0.688	0.5	3.33	1.16 No	0.5	Element Fault
RLK079	587	'43931319_/_6509563'	1	3.67	6.67	1.384	1.6	6.67	2.33 No	1	Primary Over-Voltage
RLK079	588	'7765917_/_7765915_1'	0.67	1.93	3.33	0.688	0.3	3.33	1.16 No	0.3	Element Fault
RLK079	589	'435657518_/_72006846'	0.5	1.9	3.33	0.688	0.2	3.33	1.16 No	0.2	Element Fault
RLK079	590	'7766067_/_7766065_2'	0.67	1.9	3.33	0.688	0.3	3.33	1.16 No	0.3	Element Fault
RLK079	591	'491155560_/_6506225_2'	0.67	1.87	3.33	0.688	0.5	3.33	1.16 No	0.5	Element Fault
RLK079	592	'603087560_/_603087590'	1.6	5.7	10	2.072	4.8	10	3.49 No	1.6	Primary Over-Voltage
RLK079	593	'43533180_/_4542597'	0.8	3.47	6.67	1.384	1	6.67	2.33 No	0.8	Primary Over-Voltage
RLK079	594	'482807919_/_482807969'	1.6	5.7	10	2.072	4.8	10	3.49 No	1.6	Primary Over-Voltage
RLK079	595	'44502632_/_6509581'	1	3.6	6.67	1.384	1.6	6.67	2.33 No	1	Primary Over-Voltage
RLK079	596	'6506244_/_6506241'	0.63	1.87	3.33	0.688	0.3	3.33	1.16 No	0.3	Element Fault
RLK079	597	'453135735_/_453135757'	1.6	5.6	10	2.072	4.7	10	3.49 No	1.6	Primary Over-Voltage
RLK079	598	'453135760_/_453136156'	1.6	5.6	10	2.072	4.7	10	3.49 No	1.6	Primary Over-Voltage
RLK079	599	'453135752_/_453135749'	1.6	5.6	10	2.072	4.7	10	3.49 No	1.6	Primary Over-Voltage
RLK079	600	'453135744_/_453135741'	1.6	5.6	10	2.072	4.7	10	3.49 No	1.6	Primary Over-Voltage
RLK079	601	'453135736_/_453135733'	1.6	5.6	10	2.072	4.7	10	3.49 No	1.6	Primary Over-Voltage
RLK079	602	'9346679_/_9659416_1'	1	3.6	6.67	1.384	1	6.67	2.33 No	1	Primary Over-Voltage
RLK079	603	'6506227_/_6506225_1'	0.63	1.83	3.33	0.688	0.3	3.33	1.16 No	0.3	Element Fault
RLK079	604	'455260719_/_482807923'	1.6	5.5	10	2.072	4.8	10	3.49 No	1.6	Primary Over-Voltage
RLK079	605	'455260708_/_395987163'	1.6	5.6	10	2.072	5	10	3.49 No	1.6	Primary Over-Voltage
RLK079	606	'7765869_/_8712954_2'	0.53	1.77	3.33	0.688	0.5	3.33	1.16 No	0.5	Element Fault
RLK079	607	'7884872_/_9659788'	1	3.53	6.67	1.384	1	6.67	2.33 No	1	Primary Over-Voltage
RLK079	608	'43930892_/_43930894'	1.4	5.3	10	2.072	2.4	10	3.49 No	1.4	Primary Over-Voltage
RLK079	609	'6506163_/_6506173'	0.63	1.83	3.33	0.688	0.5	3.33	1.16 No	0.5	Element Fault
RLK079	610	'9659949_/_453135846'	1.6	5.5	10	2.072	4.7	10	3.49 No	1.6	Primary Over-Voltage
RLK079	611	'4542618_/_4542615'	0.73	3.33	6.67	1.384	1	6.67	2.33 No	0.73	Primary Over-Voltage
RLK079	612	'648717189_/_7326759'	0.43	1.7	3.33	0.688	0.3	3.33	1.16 No	0.3	Element Fault
RLK079	613	'7766132_/_9659946_2'	1.6	5.4	10	2.072	4.7	10	3.49 No	1.6	Primary Over-Voltage
RLK079	614	'6518325_/_9659946_1'	1.6	5.4	10	2.072	0.9	10	3.49 No	0.9	Element Fault
RLK079	615	'7765870_/_7765867'	0.53	1.7	3.33	0.688	0.5	3.33	1.16 No	0.5	Element Fault
RLK079	616	'648717304_/_648717320'	0.43	1.67	3.33	0.688	0.3	3.33	1.16 No	0.3	Element Fault
RLK079	617	'123556819_/_435657539'	0.47	1.77	3.33	0.688	0.2	3.33	1.16 No	0.2	Element Fault
RLK079	618	'117179178_/_6518323'	1.5	5.3	10	2.072	0.9	10	3.49 No	0.9	Element Fault
RLK079	619	'7765918_/_7765915_2'	0.6	1.8	3.33	0.688	0.3	3.33	1.16 No	0.3	Element Fault
RLK079	620	'72006779_/_72006884'	0.47	1.77	3.33	0.688	0.2	3.33	1.16 No	0.2	Element Fault
RLK079	621	'6518424_/_6518422'	1.5	5.3	10	2.072	0.9	10	3.49 No	0.9	Element Fault
RLK079	622	'648717174_/_648717338'	0.43	1.67	3.33	0.688	0.3	3.33	1.16 No	0.3	Element Fault
RLK079	623	'8086953_/_8709340'	0.47	1.73	3.33	0.688	0.5	3.33	1.16 No	0.47	Primary Over-Voltage
RLK079	624	'6506150_/_6506160'	0.6	1.77	3.33	0.688	0.5	3.33	1.16 No	0.5	Element Fault
RLK079	625	'7884412_/_7884703_1'	0.6	1.77	3.33	0.688	0.3	3.33	1.16 No	0.3	Element Fault
RLK079	626	'6517192_/_6517190'	1.4	5	10	2.072	2.4	10	3.49 No	1.4	Primary Over-Voltage
RLK079	627	'43930256_/_43930258'	0.6	1.73	3.33	0.688	0.3	3.33	1.16 No	0.3	Element Fault
RLK079	628	'7884480_/_453135818'	1.5	5.3	10	2.072	4.7	10	3.49 No	1.5	Primary Over-Voltage
RLK079	629	'6506360_/_6506412'	0.6	1.77	3.33	0.688	0.3	3.33	1.16 No	0.3	Element Fault
RLK079	630	'9659419_/_9659416_2'	0.93	3.4	6.67	1.384	1	6.67	2.33 No	0.93	Primary Over-Voltage
RLK079	631	'39772998_/_419944694'	0.77	3.33	3.33	0.688	1.63	3.33	1.16 No	0.688	Thermal Discharging
RLK079	632	'4542636_/_4542633'	0.73	3.27	6.67	1.384	1	6.67	2.33 No	0.73	Primary Over-Voltage
RLK079	633	'6506399_/_6506396'	0.6	1.73	3.33	0.688	0.3	3.33	1.16 No	0.3	Element Fault
RLK079	634	'395641721_/_395641136_2'	0.77	3.33	3.33	0.688	1.63	3.33	1.16 No	0.688	Thermal Discharging
RLK079	635	'7613046_/_8586180_1'	0.37	1.6	3.33	0.688	0.3	3.33	1.16 No	0.3	Element Fault
RLK079	636	'6509628_/_395641136_1'	0.77	3.33	3.33	0.688	1.63	3.33	1.16 No	0.688	Thermal Discharging
RLK079	637	'8086954_/_8086951'	0.47	1.67	3.33	0.688	0.5	3.33	1.16 No	0.47	Primary Over-Voltage
RLK079	638	'395641701_/_395641159_1'	0.77	3.33	3.33	0.688	1.63	3.33	1.16 No	0.688	Thermal Discharging
RLK079	639	'6506137_/_6506147'	0.57	1.7	3.33	0.688	0.5	3.33	1.16 No	0.5	Element Fault
RLK079	640	'6509611_/_6509638'	0.77	3.33	3.33	0.688	1.4	3.33	1.16 No	0.688	Thermal Discharging
RLK079	641	'123556655_/_6517414_1'	0.57	1.7	3.33	0.688	0.3	3.33	1.16 No	0.3	Element Fault
RLK079	642	'122782782_/_6509651_2'	0.77	3.33	3.33	0.688	1.4	3.33	1.16 No	0.688	Thermal Discharging
RLK079	643	'629344158_/_368607501'	0.37	1.6	3.33	0.688	0.5	3.33	1.16 No	0.37	Primary Over-Voltage
RLK079	644	'7765886_/_7765883'	0.53	1.63	3.33	0.688	0.5	3.33	1.16 No	0.5	Element Fault

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RLK079	645	'123556671_/_6506134_2'	0.57	1.67	3.33	0.688	0.5	3.33	1.16 No	0.5	Element Fault
RLK079	646	'8114110_/_395641159_2'	0.73	3.33	3.33	0.688	1.63	3.33	1.16 No	0.688	Thermal Discharging
RLK079	647	'6508986_/_6509651_1'	0.73	3.33	3.33	0.688	0.3	3.33	1.16 No	0.3	Element Fault
RLK079	648	'7884871_/_7884869_1'	0.5	1.63	3.33	0.688	0.5	3.33	1.16 No	0.5	Primary Over-Voltage
RLK079	649	'6506304_/_6506302'	0.57	1.67	3.33	0.688	0.3	3.33	1.16 No	0.3	Element Fault
RLK079	650	'6509598_/_6509609'	0.73	3.33	3.33	0.688	1.4	3.33	1.16 No	0.688	Thermal Discharging
RLK079	651	'6506344_/_6506357'	0.57	1.67	3.33	0.688	0.3	3.33	1.16 No	0.3	Element Fault
RLK079	652	'37798604_/_648717178'	0.4	1.57	3.33	0.688	0.3	3.33	1.16 No	0.3	Element Fault
RLK079	653	'37798583_/_37798608'	0.4	1.57	3.33	0.688	0.3	3.33	1.16 No	0.3	Element Fault
RLK079	654	'37798576_/_37798580'	0.4	1.57	3.33	0.688	0.3	3.33	1.16 No	0.3	Element Fault
RLK079	655	'37798590_/_37798587'	0.4	1.57	3.33	0.688	0.3	3.33	1.16 No	0.3	Element Fault
RLK079	656	'402378651_/_402378648'	0.4	1.57	3.33	0.688	0.3	3.33	1.16 No	0.3	Element Fault
RLK079	657	'6508998_/_6509596'	0.73	3.33	3.33	0.688	1.4	3.33	1.16 No	0.688	Thermal Discharging
RLK079	658	'7452776_/_7884703_2'	0.57	1.63	3.33	0.688	0.3	3.33	1.16 No	0.3	Element Fault
RLK079	659	'43931131_/_6508983'	0.73	3.33	3.33	0.688	0.3	3.33	1.16 No	0.3	Element Fault
RLK079	660	'6506124_/_6506134_1'	0.57	1.63	3.33	0.688	0.3	3.33	1.16 No	0.3	Element Fault
RLK079	661	'8709013_/_9031489'	0.57	1.63	3.33	0.688	0.3	3.33	1.16 No	0.3	Element Fault
RLK079	662	'43930300_/_43930302'	0.57	1.67	3.33	0.688	0.3	3.33	1.16 No	0.3	Element Fault
RLK079	663	'8586183_/_8586180_2'	0.37	1.53	3.33	0.688	0.3	3.33	1.16 No	0.3	Element Fault
RLK079	664	'6508999_/_6508996'	0.7	3.33	3.33	0.688	1.1	3.33	1.16 No	0.688	Thermal Discharging
RLK079	665	'6517371_/_6517414_2'	0.57	1.6	3.33	0.688	0.3	3.33	1.16 No	0.3	Element Fault
RLK079	666	'6506343_/_6506341'	0.57	1.63	3.33	0.688	0.3	3.33	1.16 No	0.3	Element Fault
RLK079	667	'6508959_/_6508970'	0.7	3.33	3.33	0.688	0.3	3.33	1.16 No	0.3	Element Fault
RLK079	668	'6506111_/_6506121'	0.53	1.57	3.33	0.688	0.3	3.33	1.16 No	0.3	Element Fault
RLK079	669	'459659593_/_459659612'	0.53	2.6	3.33	0.688	1.4	3.33	1.16 No	0.53	Primary Over-Voltage
RLK079	670	'37798562_/_8276276'	0.4	1.57	3.33	0.688	0.2	3.33	1.16 No	0.2	Element Fault
RLK079	671	'37798541_/_37798566'	0.4	1.57	3.33	0.688	0.2	3.33	1.16 No	0.2	Element Fault
RLK079	672	'37798534_/_37798538'	0.4	1.57	3.33	0.688	0.2	3.33	1.16 No	0.2	Element Fault
RLK079	673	'402378586_/_402378583'	0.4	1.57	3.33	0.688	0.2	3.33	1.16 No	0.2	Element Fault
RLK079	674	'37798548_/_37798545'	0.4	1.57	3.33	0.688	0.2	3.33	1.16 No	0.2	Element Fault
RLK079	675	'43932217_/_6517820'	0.67	2.5	3.33	0.688	1.1	3.33	1.16 No	0.67	Primary Over-Voltage
RLK079	676	'43931120_/_6508957'	0.67	2.67	3.33	0.688	0.3	3.33	1.16 No	0.3	Element Fault
RLK079	677	'43931430_/_6517369'	0.53	1.53	3.33	0.688	0.3	3.33	1.16 No	0.3	Element Fault
RLK079	678	'7452777_/_7452774'	0.53	1.53	3.33	0.688	0.3	3.33	1.16 No	0.3	Element Fault
RLK079	679	'6506098_/_6506108'	0.53	1.53	3.33	0.688	0.3	3.33	1.16 No	0.3	Element Fault
RLK079	680	'6508960_/_43931122'	0.67	2.47	3.33	0.688	0.3	3.31	1.16 No	0.3	Element Fault
RLK079	681	'7326746_/_7326743'	0.37	1.43	3.33	0.688	0.3	3.33	1.16 No	0.3	Element Fault
RLK079	682	'6509014_/_6517781'	0.63	2.23	3.33	0.688	1.1	3.29	1.16 No	0.63	Primary Over-Voltage
RLK079	683	'497305167_/_497305189'	0.4	1.5	3.33	0.688	0.2	3.33	1.16 No	0.2	Element Fault
RLK079	684	'9534402_/_9535210'	0.37	1.43	3.33	0.688	0.3	3.33	1.16 No	0.3	Element Fault
RLK079	685	'7326778_/_7326775'	0.37	1.43	3.33	0.688	0.3	3.33	1.16 No	0.3	Element Fault
RLK079	686	'8586198_/_9534400_1'	0.37	1.43	3.33	0.688	0.1	3.33	1.16 No	0.1	Element Fault
RLK079	687	'7765833_/_8712918'	0.4	1.47	3.33	0.688	0.5	3.33	1.16 No	0.4	Primary Over-Voltage
RLK079	688	'4543004_/_9534400_2'	0.37	1.43	3.33	0.688	0.1	3.33	1.16 No	0.1	Element Fault
RLK079	689	'7613125_/_7960347'	0.37	1.43	3.33	0.688	0.3	3.33	1.16 No	0.3	Element Fault
RLK079	690	'6506085_/_6506095'	0.5	1.47	3.33	0.688	0.3	3.33	1.16 No	0.3	Element Fault
RLK079	691	'8276262_/_9534416'	0.37	1.5	3.33	0.688	0.2	3.33	1.16 No	0.2	Element Fault
RLK079	692	'6510002_/_43931432'	0.5	1.47	3.33	0.688	0.3	3.33	1.16 No	0.3	Element Fault
RLK079	693	'7765834_/_7765831'	0.4	1.43	3.33	0.688	0.5	3.33	1.16 No	0.4	Primary Over-Voltage
RLK079	694	'7327509_/_7327507'	0.37	1.47	3.33	0.688	0.2	3.33	1.16 No	0.2	Element Fault
RLK079	695	'7613126_/_7613123'	0.37	1.4	3.33	0.688	0.3	3.33	1.16 No	0.3	Element Fault
RLK079	696	'6509015_/_6509012'	0.6	2.07	3.33	0.688	1.1	3.21	1.16 No	0.6	Primary Over-Voltage
RLK079	697	'4543005_/_4543002'	0.37	1.4	3.33	0.688	0.1	3.33	1.16 No	0.1	Element Fault
RLK079	698	'43931441_/_6510000'	0.47	1.4	3.33	0.688	0.3	3.3	1.16 No	0.3	Element Fault
RLK079	699	'4543021_/_4543018'	0.33	1.37	3.33	0.688	0.1	3.33	1.16 No	0.1	Element Fault
RLK079	700	'8276263_/_8276260'	0.37	1.4	3.33	0.688	0.2	3.33	1.16 No	0.2	Element Fault
RLK079	701	'468236890_/_9220024'	0.37	1.4	3.33	0.688	0.2	3.33	1.16 No	0.2	Element Fault
RLK079	702	'43931142_/_6509067'	0.57	1.9	3.33	0.688	1.1	3.12	1.16 No	0.57	Primary Over-Voltage
RLK079	703	'8708996_/_483414297'	0.47	1.37	3.33	0.688	0.3	3.27	1.16 No	0.3	Element Fault
RLK079	704	'6509041_/_6509051'	0.57	1.9	3.33	0.688	1.1	3.11	1.16 No	0.57	Primary Over-Voltage
RLK079	705	'494616520_/_8709010_1'	0.47	1.37	3.33	0.688	0.3	3.26	1.16 No	0.3	Element Fault
RLK079	706	'6509028_/_6509038'	0.57	1.87	3.33	0.688	1.1	3.07	1.16 No	0.57	Primary Over-Voltage
RLK079	707	'468236989_/_468237005'	0.33	1.37	3.33	0.688	0.2	3.27	1.16 No	0.2	Element Fault
RLK079	708	'6510003_/_43931443'	0.47	1.37	3.33	0.688	0.3	3.19	1.16 No	0.3	Element Fault
RLK079	709	'6509027_/_6509025'	0.57	1.83	3.33	0.688	1.1	3.04	1.16 No	0.57	Primary Over-Voltage
RLK079	710	'122782724_/_6509193_1'	0.57	1.8	3.33	0.688	0.3	3.03	1.16 No	0.3	Element Fault
RLK079	711	'122782706_/_6509177_2'	0.57	1.8	3.33	0.688	1.1	3.03	1.16 No	0.57	Primary Over-Voltage
RLK079	712	'6509196_/_6509193_2'	0.57	1.8	3.33	0.688	0.3	3.01	1.16 No	0.3	Element Fault
RLK079	713	'6509167_/_6509177_1'	0.53	1.77	3.33	0.688	0.3	3	1.16 No	0.3	Element Fault
RLK079	714	'468236921_/_468237019'	0.33	1.33	3.33	0.688	0.2	3.19	1.16 No	0.2	Element Fault
RLK079	715	'43931153_/_6509403'	0.53	1.73	3.33	0.688	0.3	2.97	1.16 No	0.3	Element Fault
RLK079	716	'6509154_/_6509164'	0.53	1.73	3.33	0.688	0.3	2.97	1.16 No	0.3	Element Fault
RLK079	717	'8444280_/_8444278'	0.33	1.3	3.33	0.688	0.2	3.17	1.16 No	0.2	Element Fault
RLK079	718	'6509209_/_6509206'	0.53	1.7	3.33	0.688	0.3	2.94	1.16 No	0.3	Element Fault
RLK079	719	'6509222_/_6509219'	0.53	1.7	3.33	0.688	0.3	2.93	1.16 No	0.3	Element Fault
RLK079	720	'6509128_/_6509138'	0.53	1.67	3.33	0.688	0.3	2.92	1.16 No	0.3	Element Fault
RLK079	721	'6509419_/_6509416'	0.53	1.67	3.33	0.688	0.3	2.91	1.16 No	0.3	Element Fault
RLK079	722	'118884457_/_6509125_2'	0.5	1.63	3.33	0.688	0.3	2.9	1.16 No	0.3	Element Fault
RLK079	723	'40372498_/_44099728'	0.33	1.27	3.33	0.688	0.2	3.09	1.16 No	0.2	Element Fault
RLK079	724	'6515595_/_6515592'	0.53	1.67	3.33	0.688	0.3	2.89	1.16 No	0.3	Element Fault
RLK079	725	'9220027_/_468236925'	0.33	1.27	3.33	0.688	0.2	3.08	1.16 No	0.2	Element Fault
RLK079	726	'6509461_/_6509458'	0.5	1.6	3.33	0.688	0.3	2.87	1.16 No	0.3	Element Fault
RLK079	727	'6509127_/_6509125_1'	0.5	1.6	3.33	0.688	0.2	2.87	1.16 No	0.2	Element Fault
RLK079	728	'9534435_/_9534432'	0.3	1.23	3.33	0.688	0.2	3.01	1.16 No	0.2	Element Fault
RLK079	729	'43931186_/_6509471'	0.5	1.53	3.33	0.688	0.2	2.82	1.16 No	0.2	Element Fault
RLK079	730	'6509435_/_6509484'	0.47	1.5	3.33	0.688	0.2	2.77	1.16 No	0.2	Element Fault
RLK079	731	'8136136_/_8761932'	0.3	1.2	3.33	0.688	0.2	2.93	1.16 No	0.2	Element Fault
RLK079	732	'43931175_/_43931177'	0.47	1.43	3.33	0.688	0.2	2.71	1.16 No	0.2	Element Fault
RLK079	733	'6509099_/_6509112'	0.43	1.4	3.33	0.688	0.2	2.67	1.16 No	0.2	Element Fault
RLK079	734	'8136135_/_8136133'	0.3	1.13	3.33	0.688	0.2	2.8	1.16 No	0.2	Element Fault
RLK079	735	'6509083_/_6509096'	0.43	1.37	3.33	0.688	0.2	2.62	1.16 No	0.2	Element Fault
RLK079	736	'43931164_/_6509080'	0.43	1.33	3.33	0.688	0.2	2.6	1.16 No	0.2	Element Fault
RLK079	737	'43931163_/_6509445'	0.43	1.33	3.33	0.688	0.2	2.58	1.16 No	0.2	Element Fault
RMT311	0	'RMT311_/_3703296'	10	10	10	1.71	10	10	10 Yes	1.71	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RMT311		1 '3703282_/3703296'		10	10	10	1.71	10	10	0.72 Yes	1.71 Thermal Discharging
RMT311		2 '3703265_/3703279'		10	10	10	1.71	10	10	0.72 Yes	1.71 Thermal Discharging
RMT311		3 '487407998_/514462176_2'		10	10	10	1.71	10	10	0.72 Yes	1.71 Thermal Discharging
RMT311		4 '514462172_/514462176_1'		10	10	10	1.71	10	10	0.72 Yes	1.71 Thermal Discharging
RMT311		5 '3703247_/3703262'		10	10	10	1.71	10	10	0.72 Yes	1.71 Thermal Discharging
RMT311		6 '3703214_/3703313'		10	10	10	1.71	10	10	0.72 Yes	1.71 Thermal Discharging
RMT311		7 '150190714_/3703228'		10	10	10	1.71	10	10	0.72 Yes	1.71 Thermal Discharging
RMT311		8 '50973471_/50973468'		10	10	10	1.71	10	10	0.72 Yes	1.71 Thermal Discharging
RMT311		9 '3703156_/3703211'		10	10	10	1.71	10	10	0.72 Yes	1.71 Thermal Discharging
RMT311		10 '145850005_/145850017'		10	10	10	1.71	10	10	0.72 Yes	1.71 Thermal Discharging
RMT311		11 '3703193_/50740296_1'		10	10	10	1.71	2.8	10	0.72 Yes	1.71 Thermal Discharging
RMT311		12 '3703139_/3703137_1'		10	10	10	1.71	3.6	10	0.72 Yes	1.71 Thermal Discharging
RMT311		13 '3703102_/50740296_2'		10	10	10	1.71	2.8	10	0.72 Yes	1.71 Thermal Discharging
RMT311		14 '145850090_/145850070_2'		10	10	10	1.71	10	10	0.72 Yes	1.71 Thermal Discharging
RMT311		15 '3689310_/3703171'		10	10	10	1.71	10	10	0.72 Yes	1.71 Thermal Discharging
RMT311		16 '3703119_/3703137_2'		10	10	10	1.71	3.6	10	0.72 Yes	1.71 Thermal Discharging
RMT311		17 '3689326_/3689307'		10	10	10	1.71	10	10	0.72 Yes	1.71 Thermal Discharging
RMT311		18 '3689327_/3689324'		10	10	10	1.71	10	10	0.72 Yes	1.71 Thermal Discharging
RMT311		19 '8223016_/8223014_1'		10	10	10	1.71	3.7	10	0.72 Yes	1.71 Thermal Discharging
RMT311		20 '145850052_/145850070_1'		10	10	10	1.71	3.7	10	0.72 Yes	1.71 Thermal Discharging
RMT311		21 '50695162_/3703336'		10	10	10	1.71	10	10	0.72 Yes	1.71 Thermal Discharging
RMT311		22 '43365617_/3703117'		10	10	10	1.71	3.6	10	0.72 Yes	1.71 Thermal Discharging
RMT311		23 '7474677_/49219097_2'		10	10	10	1.71	10	10	0.72 Yes	1.71 Thermal Discharging
RMT311		24 '3703355_/49219097_1'		10	10	10	1.71	10	10	0.72 Yes	1.71 Thermal Discharging
RMT311		25 '74746778_/74746747'		10	10	10	1.71	10	10	0.72 Yes	1.71 Thermal Discharging
RMT311		26 '49219124_/3703353'		10	10	10	1.71	10	10	0.72 Yes	1.71 Thermal Discharging
RMT311		27 '43365630_/3693243'		10	10	10	1.71	10	10	0.72 Yes	1.71 Thermal Discharging
RMT311		28 '74746793_/74746790'		10	10	10	1.71	10	10	0.72 Yes	1.71 Thermal Discharging
RMT311		29 '3693228_/43365632'		10	10	10	1.71	10	10	0.72 Yes	1.71 Thermal Discharging
RMT311		30 '74746828_/74746825'		10	10	10	1.71	10	10	0.72 Yes	1.71 Thermal Discharging
RMT311		31 '3689377_/3693226'		10	10	10	1.71	10	10	0.72 Yes	1.71 Thermal Discharging
RMT311		32 '3689378_/3689375'		10	10	10	1.71	10	10	0.72 Yes	1.71 Thermal Discharging
RMT311		33 '74746895_/74746892'		10	10	10	1.71	10	10	0.72 Yes	1.71 Thermal Discharging
RMT311		34 '3702387_/3702384'		10	10	10	1.71	10	10	0.72 Yes	1.71 Thermal Discharging
RMT311		35 '74746930_/74746927'		10	10	10	1.71	10	10	0.72 Yes	1.71 Thermal Discharging
RMT311		36 '3703120_/43365619'		10	10	10	1.71	3.6	10	0.72 Yes	1.71 Thermal Discharging
RMT311		37 '8223017_/8223014_2'		10	10	10	1.71	3.7	10	0.72 Yes	1.71 Thermal Discharging
RMT311		38 '3702407_/3702404'		10	10	10	1.71	10	10	0.72 Yes	1.71 Thermal Discharging
RMT311		39 '74747784_/74747031'		10	10	10	1.71	10	10	0.72 Yes	1.71 Thermal Discharging
RMT311		40 '74747767_/74747063'		10	10	10	1.71	10	10	0.72 Yes	1.71 Thermal Discharging
RMT311		41 '3702424_/3702421'		10	10	10	1.71	10	10	0.72 Yes	1.71 Thermal Discharging
RMT311		42 '53525629_/53525458'		10	10	10	1.71	10	10	0.72 Yes	1.71 Thermal Discharging
RMT311		43 '53525662_/53525626'		10	10	10	1.71	10	10	0.72 Yes	1.71 Thermal Discharging
RMT311		44 '3702441_/3702438'		10	10	10	1.71	10	10	0.72 Yes	1.71 Thermal Discharging
RMT311		45 '53525687_/53525659'		10	10	10	1.71	10	10	0.72 Yes	1.71 Thermal Discharging
RMT311		46 '3702552_/3702549'		10	10	10	1.71	10	10	0.72 Yes	1.71 Thermal Discharging
RMT311		47 '53525737_/53525684'		10	10	10	1.71	10	10	0.72 Yes	1.71 Thermal Discharging
RMT311		48 '3702569_/3702583'		10	10	10	1.71	10	10	0.72 Yes	1.71 Thermal Discharging
RMT311		49 '454191388_/3702566'		10	10	10	1.71	10	10	0.72 Yes	1.71 Thermal Discharging
RMT311		50 '53525712_/53525734'		10	10	10	1.71	10	10	0.72 Yes	1.71 Thermal Discharging
RMT311		51 '3702457_/3702492'		10	10	10	1.71	10	10	0.72 Yes	1.71 Thermal Discharging
RMT311		52 '3702603_/3702600'		10	10	10	1.71	10	10	0.72 Yes	1.71 Thermal Discharging
RMT311		53 '53525787_/53525709'		10	10	10	1.71	10	10	0.72 Yes	1.71 Thermal Discharging
RMT311		54 '3702458_/3702455'		10	10	10	1.71	10	10	0.72 Yes	1.71 Thermal Discharging
RMT311		55 '3702528_/458582967'		10	10	10	1.71	10	10	0.72 Yes	1.71 Thermal Discharging
RMT311		56 '53525766_/53525784'		10	10	10	1.71	10	10	0.72 Yes	1.71 Thermal Discharging
RMT311		57 '74747839_/74747144_1'		10	10	10	1.71	10	10	0.72 Yes	1.71 Thermal Discharging
RMT311		58 '43366490_/3702634'		10	10	10	1.71	10	10	0.72 Yes	1.71 Thermal Discharging
RMT311		59 '3697420_/3702475'		10	10	10	1.71	10	10	0.72 Yes	1.71 Thermal Discharging
RMT311		60 '3702511_/458583036'		10	10	10	1.71	10	10	0.72 Yes	1.71 Thermal Discharging
RMT311		61 '53525816_/53525763'		10	10	10	1.71	10	10	0.72 Yes	1.71 Thermal Discharging
RMT311		62 '49483909_/7589061_1'		10	10	10	1.71	3.7	10	0.72 Yes	1.71 Thermal Discharging
RMT311		63 '3697421_/3697418'		10	10	10	1.71	10	10	0.72 Yes	1.71 Thermal Discharging
RMT311		64 '5422471_/53525813'		10	10	10	1.71	10	10	0.72 Yes	1.71 Thermal Discharging
RMT311		65 '70542512_/53525838_1'		10	10	10	1.71	5.6	10	0.72 Yes	1.71 Thermal Discharging
RMT311		66 '74747147_/74747144_2'		10	10	10	1.71	10	10	0.72 Yes	1.71 Thermal Discharging
RMT311		67 '54224710_/53525838_2'		10	10	10	1.71	5.6	10	0.72 Yes	1.71 Thermal Discharging
RMT311		68 '435744535_/74747224_1'		10	10	10	1.71	8.4	10	0.72 Yes	1.71 Thermal Discharging
RMT311		69 '3698278_/458583118'		10	10	10	1.71	10	10	0.72 Yes	1.71 Thermal Discharging
RMT311		70 '8532684_/8532682_1'		10	10	10	1.71	3.6	10	0.72 Yes	1.71 Thermal Discharging
RMT311		71 '557847393_/414886187'		10	10	10	1.71	10	10	0.72 Yes	1.71 Thermal Discharging
RMT311		72 '123744836_/412885746'		10	10	10	1.71	10	10	0.72 Yes	1.71 Thermal Discharging
RMT311		73 '414885987_/412885768'		10	10	10	1.71	10	10	0.72 Yes	1.71 Thermal Discharging
RMT311		74 '423882935_/557847399'		10	10	10	1.71	10	10	0.72 Yes	1.71 Thermal Discharging
RMT311		75 '423882959_/414886207'		10	10	10	1.71	10	10	0.72 Yes	1.71 Thermal Discharging
RMT311		76 '416285745_/414886172'		10	10	10	1.71	10	10	0.72 Yes	1.71 Thermal Discharging
RMT311		77 '123744861_/414886027'		10	10	10	1.71	10	10	0.72 Yes	1.71 Thermal Discharging
RMT311		78 '74747227_/74747224_2'		10	10	10	1.71	8.4	10	0.72 Yes	1.71 Thermal Discharging
RMT311		79 '3697440_/458583223'		10	10	10	1.71	10	10	0.72 Yes	1.71 Thermal Discharging
RMT311		80 '411836023_/411836020'		10	10	10	1.71	10	10	0.72 Yes	1.71 Thermal Discharging
RMT311		81 '420072701_/123744897_2'		10	10	10	1.71	10	10	0.72 Yes	1.71 Thermal Discharging
RMT311		82 '474500597_/474500595'		10	10	10	1.71	10	10	0.72 Yes	1.71 Thermal Discharging
RMT311		83 '416991753_/416991723_1'	3.33	3.33	3.33	0.57	0.7	3.33	0.57	0.24 Yes	0.57 Thermal Discharging
RMT311		84 '411836043_/411836040'		10	10	10	1.71	10	10	0.72 Yes	1.71 Thermal Discharging
RMT311		85 '74747270_/74747267'		10	10	10	1.71	8.4	10	0.72 Yes	1.71 Thermal Discharging
RMT311		86 '411836063_/411836060'		10	10	10	1.71	10	10	0.72 Yes	1.71 Thermal Discharging
RMT311		87 '474500420_/474500417'		10	10	10	1.71	10	10	0.72 Yes	1.71 Thermal Discharging
RMT311		88 '74747309_/74747306'		10	10	10	1.71	8.4	10	0.72 Yes	1.71 Thermal Discharging
RMT311		89 '411836083_/411836080'		10	10	10	1.71	10	10	0.72 Yes	1.71 Thermal Discharging
RMT311		90 '456288518_/474500459_1'		10	10	10	1.71	10	10	0.72 Yes	1.71 Thermal Discharging
RMT311		91 '474500461_/474500459_2'		10	10	10	1.71	10	10	0.72 Yes	1.71 Thermal Discharging
RMT311		92 '8532685_/8532682_2'		10	10	10	1.71	3.6	10	0.72 Yes	1.71 Thermal Discharging
RMT311		93 '557847447_/415339441'		10	10	10	1.71	10	10	0.72 Yes	1.71 Thermal Discharging
RMT311		94 '74747348_/74747345'		10	10	10	1.71	8.4	10	0.72 Yes	1.71 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RMT311	95	'557847476_/_557847453'		10	10	10	1.71	10	10	0.72 Yes	1.71 Thermal Discharging
RMT311	96	'3697526_/_3698256'		10	10	10	1.71	10	10	0.72 Yes	1.71 Thermal Discharging
RMT311	97	'474501347_/_474501251'		10	10	10	1.71	10	10	0.72 Yes	1.71 Thermal Discharging
RMT311	98	'474501361_/_474500723'		10	10	10	1.71	10	10	0.72 Yes	1.71 Thermal Discharging
RMT311	99	'474501375_/_474500703'		10	10	10	1.71	10	10	0.72 Yes	1.71 Thermal Discharging
RMT311	100	'474501389_/_474500683'		10	10	10	1.71	10	10	0.72 Yes	1.71 Thermal Discharging
RMT311	101	'415339484_/_557847480'		10	10	10	1.71	10	10	0.72 Yes	1.71 Thermal Discharging
RMT311	102	'474500490_/_474500487_2'		10	10	10	1.71	10	10	0.72 Yes	1.71 Thermal Discharging
RMT311	103	'572824100_/_474500505'		10	10	10	1.71	10	10	0.72 Yes	1.71 Thermal Discharging
RMT311	104	'74747387_/_74747384'		10	10	10	1.71	8.4	10	0.72 Yes	1.71 Thermal Discharging
RMT311	105	'3697475_/_3697524_1'		10	10	10	1.71	4.7	10	0.72 Yes	1.71 Thermal Discharging
RMT311	106	'50740409_/_3697524_2'		10	10	10	1.71	4.7	10	0.72 Yes	1.71 Thermal Discharging
RMT311	107	'3697476_/_50740406'		10	10	10	1.71	4.7	10	0.72 Yes	1.71 Thermal Discharging
RMT311	108	'3698095_/_474501123'		10	10	10	1.71	10	10	0.72 Yes	1.71 Thermal Discharging
RMT311	109	'415339504_/_415339501'		10	10	10	1.71	10	10	0.72 Yes	1.71 Thermal Discharging
RMT311	110	'572824215_/_572824156_1'	3.33		3.33	3.33	0.57	1.2	3.33	0.24 Yes	0.57 Thermal Discharging
RMT311	111	'415339524_/_415339521'		10	10	10	1.71	10	10	0.71 Yes	1.71 Thermal Discharging
RMT311	112	'3698195_/_474501139'		10	10	10	1.71	10	10	0.72 Yes	1.71 Thermal Discharging
RMT311	113	'696563019_/_74747478_1'		10	10	10	1.71	8.4	10	0.72 Yes	1.71 Thermal Discharging
RMT311	114	'474500508_/_572824104'		10	10	10	1.71	10	10	0.72 Yes	1.71 Thermal Discharging
RMT311	115	'74747481_/_74747478_2'		10	10	10	1.71	8.4	10	0.72 Yes	1.71 Thermal Discharging
RMT311	116	'437204481_/_437204404_1'		10	10	10	1.71	2.2	10	0.71 Yes	1.71 Thermal Discharging
RMT311	117	'415339544_/_415339541'		10	10	10	1.71	10	10	0.71 Yes	1.71 Thermal Discharging
RMT311	118	'3698096_/_3698106_1'	3.33		3.33	3.33	0.57	1.2	3.33	0.24 Yes	0.57 Thermal Discharging
RMT311	119	'3703515_/_3703513'		10	10	10	1.71	10	10	0.72 Yes	1.71 Thermal Discharging
RMT311	120	'415339564_/_415339561'		10	10	10	1.71	10	10	0.71 Yes	1.71 Thermal Discharging
RMT311	121	'74747520_/_74747517'		10	10	10	1.71	8.4	10	0.72 Yes	1.71 Thermal Discharging
RMT311	122	'3703528_/_3703526'		10	10	10	1.71	10	10	0.72 Yes	1.71 Thermal Discharging
RMT311	123	'3703559_/_3703576_1'		10	10	10	1.71	3.7	10	0.72 Yes	1.71 Thermal Discharging
RMT311	124	'474500528_/_474500525'		10	10	10	1.71	10	10	0.72 Yes	1.71 Thermal Discharging
RMT311	125	'415339658_/_415339581'		10	10	10	1.71	10	10	0.71 Yes	1.71 Thermal Discharging
RMT311	126	'3698229_/_3703539'		10	10	10	1.71	10	10	0.72 Yes	1.71 Thermal Discharging
RMT311	127	'3698050_/_3703576_2'		10	10	10	1.71	3.7	10	0.72 Yes	1.71 Thermal Discharging
RMT311	128	'557847176_/_74747556'		10	10	10	1.71	8.4	10	0.72 Yes	1.71 Thermal Discharging
RMT311	129	'571715315_/_571714624_1'		10	10	10	1.71	8.4	10	0.72 Yes	1.71 Thermal Discharging
RMT311	130	'415339659_/_415339656'		10	10	10	1.71	10	10	0.71 Yes	1.71 Thermal Discharging
RMT311	131	'571715358_/_571714624_2'		10	10	10	1.71	8.4	10	0.72 Yes	1.71 Thermal Discharging
RMT311	132	'571715398_/_557847180'		10	10	10	1.71	8.4	10	0.72 Yes	1.71 Thermal Discharging
RMT311	133	'571715290_/_571714624_3'		10	10	10	1.71	8.4	10	0.72 Yes	1.71 Thermal Discharging
RMT311	134	'7589064_/_7589061_2'		10	10	10	1.71	3.7	10	0.72 Yes	1.71 Thermal Discharging
RMT311	135	'130990349_/_416991723_2'	3.33		3.33	3.33	0.57	0.7	3.33	0.24 Yes	0.57 Thermal Discharging
RMT311	136	'557847203_/_571715288'		10	10	10	1.71	8.4	10	0.72 Yes	1.71 Thermal Discharging
RMT311	137	'571715371_/_571714607_1'		10	10	10	1.71	8.4	10	0.72 Yes	1.71 Thermal Discharging
RMT311	138	'415339684_/_415339681'		10	10	10	1.71	10	10	0.71 Yes	1.71 Thermal Discharging
RMT311	139	'74747634_/_557847207_1'		10	10	10	1.71	8.4	10	0.72 Yes	1.71 Thermal Discharging
RMT311	140	'74747603_/_557847207_2'		10	10	10	1.71	8.4	10	0.72 Yes	1.71 Thermal Discharging
RMT311	141	'571715413_/_571714607_2'		10	10	10	1.71	8.4	10	0.72 Yes	1.71 Thermal Discharging
RMT311	142	'474500548_/_474500545'		10	10	10	1.71	10	10	0.72 Yes	1.71 Thermal Discharging
RMT311	143	'3697747_/_3698226'		10	10	10	1.71	10	10	0.72 Yes	1.71 Thermal Discharging
RMT311	144	'415339704_/_415339701'		10	10	10	1.71	10	10	0.71 Yes	1.71 Thermal Discharging
RMT311	145	'3697730_/_3697744'		10	10	10	1.71	10	10	0.72 Yes	1.71 Thermal Discharging
RMT311	146	'415339724_/_415339721'		10	10	10	1.71	10	10	0.71 Yes	1.71 Thermal Discharging
RMT311	147	'392160864_/_392160779_1'	3.33		3.33	3.33	0.57	0.7	3.33	0.24 Yes	0.57 Thermal Discharging
RMT311	148	'458584221_/_474500561'		10	10	10	1.71	10	10	0.72 Yes	1.71 Thermal Discharging
RMT311	149	'123744886_/_123744897_1'		10	10	10	1.71	4	10	0.72 Yes	1.71 Thermal Discharging
RMT311	150	'3697796_/_3697809_1'	3.33		3.33	3.33	0.57	1.2	3.33	0.24 Yes	0.57 Thermal Discharging
RMT311	151	'415339744_/_415339741'		10	10	10	1.71	10	10	0.71 Yes	1.71 Thermal Discharging
RMT311	152	'3697729_/_3697727'		10	10	10	1.71	10	10	0.72 Yes	1.71 Thermal Discharging
RMT311	153	'415339764_/_415339761'		10	10	10	1.71	10	10	0.71 Yes	1.71 Thermal Discharging
RMT311	154	'456288600_/_474500577'		10	10	10	1.71	10	10	0.71 Yes	1.71 Thermal Discharging
RMT311	155	'3697842_/_3697839'		10	10	10	1.71	10	10	0.72 Yes	1.71 Thermal Discharging
RMT311	156	'470536294_/_458584391_1'		10	10	10	0	10	10	10 Yes	0 Thermal Discharging
RMT311	157	'415339784_/_415339781'		10	10	10	1.71	10	10	0.71 Yes	1.71 Thermal Discharging
RMT311	158	'458584394_/_458584391_2'		10	10	10	0	10	10	10 Yes	0 Thermal Discharging
RMT311	159	'3697767_/_3697764_2'	3.33		3.33	3.33	0.57	3.33	3.33	0.24 Yes	0.57 Thermal Discharging
RMT311	160	'3689212_/_474501166'		10	10	10	1.71	10	10	0.71 Yes	1.71 Thermal Discharging
RMT311	161	'470536148_/_470536145'		10	10	10	0	10	10	10 Yes	0 Thermal Discharging
RMT311	162	'470536427_/_470536171_1'		10	10	10	0	10	10	10 Yes	0 Thermal Discharging
RMT311	163	'465813054_/_470536171_2'		10	10	10	0	10	10	10 Yes	0 Thermal Discharging
RMT311	164	'415339804_/_415339801'		10	10	10	1.71	10	10	0.71 Yes	1.71 Thermal Discharging
RMT311	165	'458574636_/_3689227_1'	6.67		6.67	6.67	1.14	2.4	6.67	0.48 Yes	1.14 Thermal Discharging
RMT311	166	'3697824_/_3697856'		10	10	10	1.71	10	10	0.72 Yes	1.71 Thermal Discharging
RMT311	167	'415339824_/_415339821'		10	10	10	1.71	10	10	0.71 Yes	1.71 Thermal Discharging
RMT311	168	'465813198_/_465813084'		10	10	10	0	10	10	10 Yes	0 Thermal Discharging
RMT311	169	'679775096_/_458584331'	6.67		6.67	6.67	1.14	6.67	6.67	0.48 Yes	1.14 Thermal Discharging
RMT311	170	'416991617_/_415339841'		10	10	10	1.71	10	10	0.71 Yes	1.71 Thermal Discharging
RMT311	171	'7908118_/_7908115'		10	10	10	1.71	3.7	10	0.72 Yes	1.71 Thermal Discharging
RMT311	172	'43366046_/_3697822'		10	10	10	1.71	10	10	0.72 Yes	1.71 Thermal Discharging
RMT311	173	'414951761_/_416991640'		10	10	10	1.71	10	10	0.71 Yes	1.71 Thermal Discharging
RMT311	174	'437204385_/_437204404_2'		10	10	10	1.71	2.2	10	0.71 Yes	1.71 Thermal Discharging
RMT311	175	'414951781_/_414951778'		10	10	10	1.71	10	10	0.71 Yes	1.71 Thermal Discharging
RMT311	176	'414951801_/_414951798'		10	10	10	1.71	10	10	0.71 Yes	1.71 Thermal Discharging
RMT311	177	'3697713_/_43366048'		10	10	10	1.71	10	10	0.71 Yes	1.71 Thermal Discharging
RMT311	178	'43366154_/_3698048'	3.33		3.33	3.33	0.57	1.23	3.33	0.24 Yes	0.57 Thermal Discharging
RMT311	179	'414951821_/_414951818'		10	10	10	1.71	10	10	0.71 Yes	1.71 Thermal Discharging
RMT311	180	'3697966_/_3698106_2'	3.33		3.33	3.33	0.57	1.2	3.33	0.24 Yes	0.57 Thermal Discharging
RMT311	181	'414951841_/_414951838'		10	10	10	1.71	10	10	0.71 Yes	1.71 Thermal Discharging
RMT311	182	'43366033_/_43366035'		10	10	10	1.71	10	10	0.71 Yes	1.71 Thermal Discharging
RMT311	183	'465813239_/_465813166'		10	10	10	0	10	10	10 Yes	0 Thermal Discharging
RMT311	184	'416990382_/_416990379'		10	10	10	1.71	10	10	0.71 Yes	1.71 Thermal Discharging
RMT311	185	'416990408_/_416990405'		10	10	10	1.71	10	10	0.71 Yes	1.71 Thermal Discharging
RMT311	186	'3697933_/_3697947'		10	10	10	1.71	10	10	0.71 Yes	1.71 Thermal Discharging
RMT311	187	'416990434_/_416990431'		10	10	10	1.71	10	10	0.71 Yes	1.71 Thermal Discharging
RMT311	188	'43366084_/_43366086'		10	10	10	1.71	10	10	0.71 Yes	1.71 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RMT311	189	'416990454_/416990451'		10	10	10	1.71	10	10	0.71 Yes	1.71 Thermal Discharging
RMT311	190	'3698122_/3698119'		10	10	10	1.71	3.7	10	0.72 Yes	1.71 Thermal Discharging
RMT311	191	'416990474_/416990471'		10	10	10	1.71	10	10	0.71 Yes	1.71 Thermal Discharging
RMT311	192	'43366097_/43366099'		10	10	10	1.71	10	10	0.71 Yes	1.71 Thermal Discharging
RMT311	193	'454246888_/3689227_2'	6.67		6.67	6.67	1.14	2.4	6.67	0.48 Yes	1.14 Thermal Discharging
RMT311	194	'416990494_/416990491'		10	10	10	1.71	10	10	0.71 Yes	1.71 Thermal Discharging
RMT311	195	'416990514_/416990511'		10	10	10	1.71	10	10	0.71 Yes	1.71 Thermal Discharging
RMT311	196	'465813317_/465813263'		10	10	10	0	10	10	10 Yes	0 Thermal Discharging
RMT311	197	'43366071_/3697876'		10	10	10	1.71	10	10	0.71 Yes	1.71 Thermal Discharging
RMT311	198	'3697687_/3697764_1'	3.33		3.33	3.33	0.57	1.2	3.33	0.24 Yes	0.57 Thermal Discharging
RMT311	199	'416990534_/416990531'		10	10	10	1.71	10	10	0.71 Yes	1.71 Thermal Discharging
RMT311	200	'416990554_/416990551'		10	10	10	1.71	10	10	0.71 Yes	1.71 Thermal Discharging
RMT311	201	'3697915_/3697913'		10	10	10	1.71	10	10	0.71 Yes	1.71 Thermal Discharging
RMT311	202	'3697699_/3697809_2'	3.33		3.33	3.33	0.57	1.2	3.33	0.24 Yes	0.57 Thermal Discharging
RMT311	203	'416990574_/416990571'		10	10	10	1.71	10	10	0.71 Yes	1.71 Thermal Discharging
RMT311	204	'416990679_/416990676'		10	10	10	1.71	10	10	0.71 Yes	1.71 Thermal Discharging
RMT311	205	'43366588_/43366590'		10	10	10	1.71	10	10	0.71 Yes	1.71 Thermal Discharging
RMT311	206	'416990713_/416990696'		10	10	10	1.71	10	10	0.71 Yes	1.71 Thermal Discharging
RMT311	207	'3698051_/43366156'	3.33		3.33	3.33	0.57	1.23	3.33	0.24 Yes	0.57 Thermal Discharging
RMT311	208	'43366121_/3698035'	3.33		3.33	3.33	0.57	1.2	3.33	0.24 Yes	0.57 Thermal Discharging
RMT311	209	'416990728_/416990711_1'		10	10	10	1.71	10	10	0.71 Yes	1.71 Thermal Discharging
RMT311	210	'416990714_/416990711_2'		10	10	10	1.71	10	10	0.71 Yes	1.71 Thermal Discharging
RMT311	211	'43366575_/43366577'		10	10	10	1.71	10	10	0.71 Yes	1.71 Thermal Discharging
RMT311	212	'115341692_/115341689'	3.33		3.33	3.33	0.57	1.23	3.33	0.24 Yes	0.57 Thermal Discharging
RMT311	213	'416990729_/416990726_2'		10	10	10	1.71	10	10	0.71 Yes	1.71 Thermal Discharging
RMT311	214	'416990758_/416990741'		10	10	10	1.71	10	10	0.71 Yes	1.71 Thermal Discharging
RMT311	215	'430670666_/430670685'		10	10	10	1.71	2.2	10	0.71 Yes	1.71 Thermal Discharging
RMT311	216	'3689618_/3703998'		10	10	10	1.71	10	10	0.71 Yes	1.71 Thermal Discharging
RMT311	217	'465813396_/465813342'		10	10	10	0	10	10	10 Yes	0 Thermal Discharging
RMT311	218	'3689619_/3689616'		10	10	10	1.71	10	10	0.71 Yes	1.71 Thermal Discharging
RMT311	219	'416990773_/416990756'		10	10	10	1.71	10	10	0.71 Yes	1.71 Thermal Discharging
RMT311	220	'3689512_/3689633'		10	10	10	1.71	10	10	0.71 Yes	1.71 Thermal Discharging
RMT311	221	'368197043_/346804513_1'		10	10	10	1.71	5.6	10	0.71 Yes	1.71 Thermal Discharging
RMT311	222	'368197107_/346804513_2'		10	10	10	1.71	5.6	10	0.71 Yes	1.71 Thermal Discharging
RMT311	223	'368197080_/346804546'		10	10	10	1.71	5.6	10	0.71 Yes	1.71 Thermal Discharging
RMT311	224	'346803866_/346803863'		10	10	10	1.71	5.6	10	0.71 Yes	1.71 Thermal Discharging
RMT311	225	'416990774_/416990771'		10	10	10	1.71	10	10	0.71 Yes	1.71 Thermal Discharging
RMT311	226	'3689395_/3689447_1'	3.33		3.33	3.33	0.57	1.87	3.33	0.24 Yes	0.57 Thermal Discharging
RMT311	227	'3689598_/3698206'		10	10	10	1.71	3.7	10	0.72 Yes	1.71 Thermal Discharging
RMT311	228	'416990789_/416990786'		10	10	10	1.71	10	10	0.71 Yes	1.71 Thermal Discharging
RMT311	229	'368197051_/3689447_2'	3.33		3.33	3.33	0.57	1.2	3.33	0.24 Yes	0.57 Thermal Discharging
RMT311	230	'346804236_/346804233'		10	10	10	1.71	5.6	10	0.71 Yes	1.71 Thermal Discharging
RMT311	231	'416990804_/416990801'		10	10	10	1.71	10	10	0.71 Yes	1.71 Thermal Discharging
RMT311	232	'3689463_/3689536'		10	10	10	1.71	10	10	0.71 Yes	1.71 Thermal Discharging
RMT311	233	'416990833_/416990816_1'		10	10	10	1.71	10	10	0.71 Yes	1.71 Thermal Discharging
RMT311	234	'416990819_/416990816_2'		10	10	10	1.71	10	10	0.71 Yes	1.71 Thermal Discharging
RMT311	235	'416990848_/416990831_2'		10	10	10	1.71	10	10	0.71 Yes	1.71 Thermal Discharging
RMT311	236	'416990834_/416990831_3'		10	10	10	1.71	10	10	0.71 Yes	1.71 Thermal Discharging
RMT311	237	'3689462_/3689460'		10	10	10	1.71	10	10	0.71 Yes	1.71 Thermal Discharging
RMT311	238	'346804256_/346804253'		10	10	10	1.71	5.6	10	0.71 Yes	1.71 Thermal Discharging
RMT311	239	'465813475_/465813421'		10	10	10	0	10	10	10 Yes	0 Thermal Discharging
RMT311	240	'416990849_/416990846_2'		10	10	10	1.71	10	10	0.71 Yes	1.71 Thermal Discharging
RMT311	241	'115341707_/115341704'	3.33		3.33	3.33	0.57	1.23	3.33	0.24 Yes	0.57 Thermal Discharging
RMT311	242	'416990878_/416990861'		10	10	10	1.71	10	10	0.71 Yes	1.71 Thermal Discharging
RMT311	243	'3689479_/3689477'		10	10	10	1.71	10	10	0.71 Yes	1.71 Thermal Discharging
RMT311	244	'346804276_/346804273'		10	10	10	1.71	5.6	10	0.71 Yes	1.71 Thermal Discharging
RMT311	245	'416990879_/416990876'		10	10	10	1.71	10	10	0.71 Yes	1.71 Thermal Discharging
RMT311	246	'3698038_/43366123'	3.33		3.33	3.33	0.57	1.2	3.33	0.24 Yes	0.57 Thermal Discharging
RMT311	247	'416991347_/416991344'		10	10	10	1.71	10	10	0.71 Yes	1.71 Thermal Discharging
RMT311	248	'3697967_/3697964'	3.33		3.33	3.33	0.57	1.2	3.33	0.24 Yes	0.57 Thermal Discharging
RMT311	249	'43365538_/3689596'		10	10	10	1.71	3.7	10	0.72 Yes	1.71 Thermal Discharging
RMT311	250	'3697674_/3697684'	3.33		3.33	3.33	0.57	1.2	3.33	0.24 Yes	0.57 Thermal Discharging
RMT311	251	'346804296_/346804293'		10	10	10	1.71	5.6	10	0.71 Yes	1.71 Thermal Discharging
RMT311	252	'3689956_/3689954'		10	10	10	1.71	10	10	0.71 Yes	1.71 Thermal Discharging
RMT311	253	'416991373_/416991370'		10	10	10	1.71	10	10	0.71 Yes	1.71 Thermal Discharging
RMT311	254	'3689407_/3689447_3'	3.33		3.33	3.33	0.57	1.2	3.33	0.24 Yes	0.57 Thermal Discharging
RMT311	255	'416991402_/416991385'		10	10	10	1.71	10	10	0.71 Yes	1.71 Thermal Discharging
RMT311	256	'430950710_/416991406'		10	10	10	1.71	10	10	0.71 Yes	1.71 Thermal Discharging
RMT311	257	'435744621_/430950705_1'		10	10	10	1.71	8	10	0.71 Yes	1.71 Thermal Discharging
RMT311	258	'416991424_/416991421'		10	10	10	1.71	10	10	0.71 Yes	1.71 Thermal Discharging
RMT311	259	'465813554_/465813500'		10	10	10	0	10	10	10 Yes	0 Thermal Discharging
RMT311	260	'430950711_/430950705_2'		10	10	10	1.71	8	10	0.71 Yes	1.71 Thermal Discharging
RMT311	261	'3697700_/3697697'	3.33		3.33	3.33	0.57	1.2	3.33	0.24 Yes	0.57 Thermal Discharging
RMT311	262	'469813569_/465813579_1'		10	10	10	0	10	10	10 Yes	0 Thermal Discharging
RMT311	263	'346804316_/346804313'		10	10	10	1.71	5.6	10	0.71 Yes	1.71 Thermal Discharging
RMT311	264	'3689973_/3689971'		10	10	10	1.71	10	10	0.71 Yes	1.71 Thermal Discharging
RMT311	265	'469713165_/465813579_2'		10	10	10	0	10	10	10 Yes	0 Thermal Discharging
RMT311	266	'469713275_/469713272'		10	10	10	0	10	10	10 Yes	0 Thermal Discharging
RMT311	267	'469713832_/469713425_1'		10	10	10	0	3.6	10	10 Yes	0 Thermal Discharging
RMT311	268	'469713293_/469713290'		10	10	10	0	10	10	10 Yes	0 Thermal Discharging
RMT311	269	'469713428_/469713425_2'		10	10	10	0	3.6	10	10 Yes	0 Thermal Discharging
RMT311	270	'469714048_/469713443_1'		10	10	10	0	3.6	10	10 Yes	0 Thermal Discharging
RMT311	271	'469713843_/469713495_1'		10	10	10	0	3.6	10	10 Yes	0 Thermal Discharging
RMT311	272	'679835055_/469713443_2'		10	10	10	0	3.6	10	10 Yes	0 Thermal Discharging
RMT311	273	'469713311_/469713308'		10	10	10	0	10	10	10 Yes	0 Thermal Discharging
RMT311	274	'469713446_/469713443_3'		10	10	10	0	3.6	10	10 Yes	0 Thermal Discharging
RMT311	275	'469713498_/469713495_2'		10	10	10	0	3.6	10	10 Yes	0 Thermal Discharging
RMT311	276	'469714059_/469713513_1'		10	10	10	0	3.6	10	10 Yes	0 Thermal Discharging
RMT311	277	'469713854_/469713607_1'		10	10	10	0	3.6	10	10 Yes	0 Thermal Discharging
RMT311	278	'572824140_/572824156_2'	3.33		3.33	3.33	0.57	1.2	3.33	0.24 Yes	0.57 Thermal Discharging
RMT311	279	'679835044_/469713513_2'		10	10	10	0	3.6	10	10 Yes	0 Thermal Discharging
RMT311	280	'469713329_/469713326'		10	10	10	0	10	10	10 Yes	0 Thermal Discharging
RMT311	281	'469713516_/469713513_3'		10	10	10	0	3.6	10	10 Yes	0 Thermal Discharging
RMT311	282	'469713610_/469713607_2'		10	10	10	0	3.6	10	10 Yes	0 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over- Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RMT311	283	'469714070_/_469713675_1'		10	10	10	0	3.6	10	10 Yes	0 Thermal Discharging
RMT311	284	'469713865_/_469713629_1'		10	10	10	0	3.6	10	10 Yes	0 Thermal Discharging
RMT311	285	'679835033_/_469713675_2'		10	10	10	0	3.6	10	10 Yes	0 Thermal Discharging
RMT311	286	'346804336_/_346804333'		10	10	10	1.71	5.6	10	0.71 Yes	1.71 Thermal Discharging
RMT311	287	'3689993_/_3689991'		10	10	10	1.71	10	10	0.71 Yes	1.71 Thermal Discharging
RMT311	288	'469713345_/_469713342'		10	10	10	0	10	10	10 Yes	0 Thermal Discharging
RMT311	289	'469713678_/_469713675_3'		10	10	10	0	3.6	10	10 Yes	0 Thermal Discharging
RMT311	290	'469713632_/_469713629_2'		10	10	10	0	3.6	10	10 Yes	0 Thermal Discharging
RMT311	291	'469714081_/_469713693_1'		10	10	10	0	3.6	10	10 Yes	0 Thermal Discharging
RMT311	292	'469713876_/_469713651_1'		10	10	10	0	3.6	10	10 Yes	0 Thermal Discharging
RMT311	293	'679835022_/_469713693_2'		10	10	10	0	3.6	10	10 Yes	0 Thermal Discharging
RMT311	294	'469713361_/_469713358'		10	10	10	0	10	10	10 Yes	0 Thermal Discharging
RMT311	295	'429424412_/_429424431'		10	10	10	1.71	2.2	10	0.71 Yes	1.71 Thermal Discharging
RMT311	296	'469713654_/_469713651_2'		10	10	10	0	3.6	10	10 Yes	0 Thermal Discharging
RMT311	297	'469713696_/_469713693_3'		10	10	10	0	3.6	10	10 Yes	0 Thermal Discharging
RMT311	298	'469813254_/_469713711_1'		10	10	10	0	3.6	10	10 Yes	0 Thermal Discharging
RMT311	299	'469813483_/_469713202_1'		10	10	10	0	10	10	10 Yes	0 Thermal Discharging
RMT311	300	'679835011_/_469713711_2'		10	10	10	0	3.6	10	10 Yes	0 Thermal Discharging
RMT311	301	'469713714_/_469713711_3'		10	10	10	0	3.6	10	10 Yes	0 Thermal Discharging
RMT311	302	'3689559_/_43365540'		10	10	10	1.71	3.7	10	0.71 Yes	1.71 Thermal Discharging
RMT311	303	'458574495_/_679775100_2'	3.33	3.33	3.33	0.57	1.2	3.33	0.24 Yes	0.57 Thermal Discharging	
RMT311	304	'471033599_/_471033573_1'	3.33	3.33	3.33	0.57	0.9	3.33	0.24 Yes	0.57 Thermal Discharging	
RMT311	305	'458574512_/_679775100_1'	3.33	3.33	3.33	0.57	1.2	3.33	0.24 Yes	0.57 Thermal Discharging	
RMT311	306	'430399970_/_430400044_2'		10	10	10	1.71	3.7	10	0.71 Yes	1.71 Thermal Discharging
RMT311	307	'3690010_/_3690008'		10	10	10	1.71	10	10	0.71 Yes	1.71 Thermal Discharging
RMT311	308	'346804356_/_346804353'		10	10	10	1.71	5.6	10	0.71 Yes	1.71 Thermal Discharging
RMT311	309	'471033577_/_471033573_2'	3.33	3.33	3.33	0.57	0.9	3.33	0.24 Yes	0.57 Thermal Discharging	
RMT311	310	'430399962_/_430400044_1'		10	10	10	1.71	2.2	10	0.71 Yes	1.71 Thermal Discharging
RMT311	311	'3689408_/_3689405'	3.33	3.33	3.33	0.57	1.2	3.33	0.24 Yes	0.57 Thermal Discharging	
RMT311	312	'3693852_/_3693866'		10	10	10	1.71	10	10	0.71 Yes	1.71 Thermal Discharging
RMT311	313	'346804376_/_346804373'		10	10	10	1.71	5.6	10	0.71 Yes	1.71 Thermal Discharging
RMT311	314	'3689582_/_3689579'		10	10	10	1.71	3.7	10	0.71 Yes	1.71 Thermal Discharging
RMT311	315	'8223036_/_425418328_2'		10	10	10	1.71	3.7	10	0.71 Yes	1.71 Thermal Discharging
RMT311	316	'465813643_/_469713202_2'		10	10	10	0	10	10	10 Yes	0 Thermal Discharging
RMT311	317	'3693393_/_3693849'		10	10	10	1.71	10	10	0.71 Yes	1.71 Thermal Discharging
RMT311	318	'346804396_/_346804393'		10	10	10	1.71	5.6	10	0.71 Yes	1.71 Thermal Discharging
RMT311	319	'3697983_/_3697980'	3.33	3.33	3.33	0.57	1.2	3.33	0.24 Yes	0.57 Thermal Discharging	
RMT311	320	'465813722_/_465813670'		10	10	10	0	10	10	10 Yes	0 Thermal Discharging
RMT311	321	'3693410_/_3693424_1'	3.33	3.33	3.33	0.57	1.2	3.33	0.24 Yes	0.57 Thermal Discharging	
RMT311	322	'465813740_/_465813765'		10	10	10	0	10	10	10 Yes	0 Thermal Discharging
RMT311	323	'458409825_/_465813809'		10	10	10	0	10	10	10 Yes	0 Thermal Discharging
RMT311	324	'470536416_/_458409840_1'		10	10	10	0	5.6	10	10 Yes	0 Thermal Discharging
RMT311	325	'3693468_/_3693466'		10	10	10	1.71	10	10	0.71 Yes	1.71 Thermal Discharging
RMT311	326	'346804416_/_346804413'		10	10	10	1.71	5.6	10	0.71 Yes	1.71 Thermal Discharging
RMT311	327	'380011053_/_346804636'		10	10	10	1.71	5.6	10	0.71 Yes	1.71 Thermal Discharging
RMT311	328	'458409843_/_458409840_2'		10	10	10	0	5.6	10	10 Yes	0 Thermal Discharging
RMT311	329	'3689421_/_3689418'	3.33	3.33	3.33	0.57	1.2	3.33	0.24 Yes	0.57 Thermal Discharging	
RMT311	330	'458574721_/_458409871_1'		10	10	10	0	3.6	10	10 Yes	0 Thermal Discharging
RMT311	331	'458894778_/_458894775'		10	10	10	0	5.6	10	10 Yes	0 Thermal Discharging
RMT311	332	'458409874_/_458409871_2'		10	10	10	0	3.6	10	10 Yes	0 Thermal Discharging
RMT311	333	'458574808_/_458409902_1'		10	10	10	0	3.6	10	10 Yes	0 Thermal Discharging
RMT311	334	'458895018_/_458894799_1'		10	10	10	0	3.6	10	10 Yes	0 Thermal Discharging
RMT311	335	'459649423_/_458409902_2'		10	10	10	0	3.6	10	10 Yes	0 Thermal Discharging
RMT311	336	'449194916_/_449194913'		10	10	10	0	5.6	10	10 Yes	0 Thermal Discharging
RMT311	337	'458894802_/_458894799_2'		10	10	10	0	3.6	10	10 Yes	0 Thermal Discharging
RMT311	338	'458895060_/_458894925_1'		10	10	10	0	3.6	10	10 Yes	0 Thermal Discharging
RMT311	339	'449195153_/_449194937_1'		10	10	10	0	3.6	10	10 Yes	0 Thermal Discharging
RMT311	340	'457443580_/_458894925_2'		10	10	10	0	3.6	10	10 Yes	0 Thermal Discharging
RMT311	341	'458409905_/_458409902_3'		10	10	10	0	3.6	10	10 Yes	0 Thermal Discharging
RMT311	342	'457464338_/_457464335'		10	10	10	0	5.6	10	10 Yes	0 Thermal Discharging
RMT311	343	'392160760_/_392160779_2'	3.33	3.33	3.33	0.57	0.7	3.33	0.24 Yes	0.57 Thermal Discharging	
RMT311	344	'449194940_/_449194937_2'		10	10	10	0	3.6	10	10 Yes	0 Thermal Discharging
RMT311	345	'449195181_/_449195063_1'		10	10	10	0	3.6	10	10 Yes	0 Thermal Discharging
RMT311	346	'459264862_/_449195063_2'		10	10	10	0	3.6	10	10 Yes	0 Thermal Discharging
RMT311	347	'457464577_/_457464359_1'		10	10	10	0	3.6	10	10 Yes	0 Thermal Discharging
RMT311	348	'458894928_/_458894925_3'		10	10	10	0	3.6	10	10 Yes	0 Thermal Discharging
RMT311	349	'380011064_/_346804671'		10	10	10	1.71	5.6	10	0.71 Yes	1.71 Thermal Discharging
RMT311	350	'457615754_/_457615751'		10	10	10	0	5.6	10	10 Yes	0 Thermal Discharging
RMT311	351	'457464362_/_457464359_2'		10	10	10	0	3.6	10	10 Yes	0 Thermal Discharging
RMT311	352	'457464605_/_457464493_1'		10	10	10	0	3.6	10	10 Yes	0 Thermal Discharging
RMT311	353	'457615988_/_457615775_1'		10	10	10	0	3.6	10	10 Yes	0 Thermal Discharging
RMT311	354	'449195066_/_449195063_3'		10	10	10	0	3.6	10	10 Yes	0 Thermal Discharging
RMT311	355	'459266500_/_457464493_2'		10	10	10	0	3.6	10	10 Yes	0 Thermal Discharging
RMT311	356	'457615778_/_457615775_2'		10	10	10	0	3.6	10	10 Yes	0 Thermal Discharging
RMT311	357	'457616016_/_457615816_1'		10	10	10	0	3.6	10	10 Yes	0 Thermal Discharging
RMT311	358	'459268366_/_457615816_2'		10	10	10	0	3.6	10	10 Yes	0 Thermal Discharging
RMT311	359	'457464496_/_457464493_3'		10	10	10	0	3.6	10	10 Yes	0 Thermal Discharging
RMT311	360	'3693455_/_3693483'		10	10	10	1.71	10	10	0.71 Yes	1.71 Thermal Discharging
RMT311	361	'457615819_/_457615816_3'		10	10	10	0	3.6	10	10 Yes	0 Thermal Discharging
RMT311	362	'43366060_/_43366062'	3.33	3.33	3.33	0.57	1.2	3.33	0.24 Yes	0.57 Thermal Discharging	
RMT311	363	'380011075_/_346804691'		10	10	10	1.71	5.6	10	0.71 Yes	1.71 Thermal Discharging
RMT311	364	'3693505_/_3693503'		10	10	10	1.71	10	10	0.71 Yes	1.71 Thermal Discharging
RMT311	365	'380011096_/_346804493_1'		10	10	10	1.71	5.6	10	0.71 Yes	1.71 Thermal Discharging
RMT311	366	'380011087_/_346804493_2'		10	10	10	1.71	5.6	10	0.71 Yes	1.71 Thermal Discharging
RMT311	367	'3693354_/_3693424_2'	3.33	3.33	3.33	0.57	1.2	3.33	0.24 Yes	0.57 Thermal Discharging	
RMT311	368	'380011268_/_346804730'		10	10	10	1.71	5.6	10	0.71 Yes	1.71 Thermal Discharging
RMT311	369	'3689434_/_43364722'	3.33	3.33	3.33	0.57	1.2	3.33	0.24 Yes	0.57 Thermal Discharging	
RMT311	370	'3693522_/_3693520'		10	10	10	1.71	10	10	0.71 Yes	1.71 Thermal Discharging
RMT311	371	'426563455_/_426563506'		10	10	10	1.71	2.2	10	0.71 Yes	1.71 Thermal Discharging
RMT311	372	'380011308_/_380011271'		10	10	10	1.71	5.6	10	0.71 Yes	1.71 Thermal Discharging
RMT311	373	'425418368_/_425418328_1'		10	10	10	1.71	2.2	10	0.71 Yes	1.71 Thermal Discharging
RMT311	374	'3693539_/_3693537'		10	10	10	1.71	10	10	0.71 Yes	1.71 Thermal Discharging
RMT311	375	'3697996_/_3697993'	3.33	3.33	3.33	0.57	1.2	3.33	0.24 Yes	0.57 Thermal Discharging	
RMT311	376	'652890514_/_425418372'		10	10	10	1.71	2.2	10	0.71 Yes	1.71 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RMT311	377	'3693439_/_3693453'	3.33		3.33	3.33	0.57	3.33	3.33	0.24 Yes	0.57 Thermal Discharging
RMT311	378	'3693576_/_3693608'	10		10	10	1.71	10	10	0.71 Yes	1.71 Thermal Discharging
RMT311	379	'679775438_/_43365710'	10		10	10	1.71	10	10	0.71 Yes	1.71 Thermal Discharging
RMT311	380	'3693559_/_3693574'	10		10	10	1.71	10	10	0.71 Yes	1.71 Thermal Discharging
RMT311	381	'3693560_/_3693557'	10		10	10	1.71	10	10	0.71 Yes	1.71 Thermal Discharging
RMT311	382	'43365669_/_43365671'	10		10	10	1.71	10	10	0.71 Yes	1.71 Thermal Discharging
RMT311	383	'3693355_/_3693352'	3.33		3.33	3.33	0.57	1.2	3.33	0.24 Yes	0.57 Thermal Discharging
RMT311	384	'3693800_/_3693798'	10		10	10	1.71	10	10	0.71 Yes	1.71 Thermal Discharging
RMT311	385	'3698022_/_3698019'	3.33		3.33	3.33	0.57	1.2	3.33	0.24 Yes	0.57 Thermal Discharging
RMT311	386	'3693818_/_3693832'	10		10	10	1.71	10	10	0.71 Yes	1.71 Thermal Discharging
RMT311	387	'43366132_/_3698006'	3.33		3.33	3.33	0.57	1.2	3.33	0.24 Yes	0.57 Thermal Discharging
RMT311	388	'43366022_/_43366024'	3.33		3.33	3.33	0.57	1.2	3.33	0.24 Yes	0.57 Thermal Discharging
RMT311	389	'43366009_/_43366011'	10		10	10	1.71	10	10	0.71 Yes	1.71 Thermal Discharging
RMT311	390	'92162131_/_92162142'	3.33		3.33	3.33	0.57	0.73	3.33	0.24 Yes	0.57 Thermal Discharging
RMT311	391	'3696545_/_3696543'	10		10	10	1.71	10	10	0.71 Yes	1.71 Thermal Discharging
RMT311	392	'43365983_/_43365985'	10		10	10	1.71	10	10	0.71 Yes	1.71 Thermal Discharging
RMT311	393	'3696529_/_3696560'	10		10	10	1.71	10	10	0.71 Yes	1.71 Thermal Discharging
RMT311	394	'43365481_/_3693365'	3.33		3.33	3.33	0.57	1.2	3.33	0.24 Yes	0.57 Thermal Discharging
RMT311	395	'43365957_/_43365959'	10		10	10	1.71	10	10	0.71 Yes	1.71 Thermal Discharging
RMT311	396	'3696528_/_3696526'	10		10	10	1.71	10	10	0.71 Yes	1.71 Thermal Discharging
RMT311	397	'3698009_/_43366134'	3.33		3.33	3.33	0.57	1.2	3.33	0.24 Yes	0.57 Thermal Discharging
RMT311	398	'3696741_/_3696772'	10		10	10	1.71	10	10	0.71 Yes	1.71 Thermal Discharging
RMT311	399	'3696214_/_3696738'	10		10	10	1.71	10	10	0.71 Yes	1.71 Thermal Discharging
RMT311	400	'7907830_/_7907827'	3.33		3.33	3.33	0.57	0.73	3.33	0.24 Yes	0.57 Thermal Discharging
RMT311	401	'3696213_/_3696211'	10		10	10	1.71	10	10	0.71 Yes	1.71 Thermal Discharging
RMT311	402	'430399954_/_426563542'	3.33		3.33	3.33	0.57	0.73	3.33	0.24 Yes	0.57 Thermal Discharging
RMT311	403	'3693368_/_43365483'	3.33		3.33	3.33	0.57	1.2	3.33	0.24 Yes	0.57 Thermal Discharging
RMT311	404	'3696583_/_3696580'	3.33		3.33	3.33	0.57	3.33	3.33	0.24 Yes	0.57 Thermal Discharging
RMT311	405	'3697673_/_3697671'	3.33		3.33	3.33	0.57	1.2	3.33	0.24 Yes	0.57 Thermal Discharging
RMT311	406	'43365492_/_3693378'	3.33		3.33	3.33	0.57	1.2	3.33	0.24 Yes	0.57 Thermal Discharging
RMT311	407	'3693381_/_43365494'	3.33		3.33	3.33	0.57	1.2	3.33	0.24 Yes	0.57 Thermal Discharging
RMT311	408	'3693645_/_679775442_2'	3.33		3.33	3.33	0.57	1.9	3.33	0.24 Yes	0.57 Thermal Discharging
RMT311	409	'49932492_/_679775442_1'	3.33		3.33	3.33	0.57	1.9	3.33	0.24 Yes	0.57 Thermal Discharging
RMT311	410	'679775683_/_679775485'	3.33		3.33	3.33	0.57	3.33	3.33	0.24 Yes	0.57 Thermal Discharging
RMT311	411	'679775508_/_679775471_1'	3.33		3.33	3.33	0.57	1.8	3.33	0.24 Yes	0.57 Thermal Discharging
RMT311	412	'679775495_/_679775471_2'	3.33		3.33	3.33	0.57	1.8	3.33	0.24 Yes	0.57 Thermal Discharging
RMT311	413	'679775543_/_679775687_1'	3.33		3.33	3.33	0.57	1.9	3.33	0.24 Yes	0.57 Thermal Discharging
RMT311	414	'679775530_/_679775687_2'	3.33		3.33	3.33	0.57	1.9	3.33	0.24 Yes	0.57 Thermal Discharging
RMT311	415	'3696254_/_3696251_1'	3.33		3.33	3.33	0.57	1.8	3.33	0.24 Yes	0.57 Thermal Discharging
RMT311	416	'3696271_/_3696251_2'	3.33		3.33	3.33	0.57	1.8	3.33	0.24 Yes	0.57 Thermal Discharging
RMT311	417	'679775291_/_679775162'	3.33		3.33	3.33	0.57	3.33	3.33	0.24 Yes	0.57 Thermal Discharging
RMT311	418	'679775316_/_679775170'	3.33		3.33	3.33	0.57	3.33	3.33	0.24 Yes	0.57 Thermal Discharging
RMT311	419	'679775193_/_679775295_1'	3.33		3.33	3.33	0.57	1.9	3.33	0.24 Yes	0.57 Thermal Discharging
RMT311	420	'679775180_/_679775295_2'	3.33		3.33	3.33	0.57	1.9	3.33	0.24 Yes	0.57 Thermal Discharging
RMT311	421	'679775364_/_679775320'	3.33		3.33	3.33	0.57	3.33	3.33	0.24 Yes	0.57 Thermal Discharging
RMT311	422	'679775229_/_679775368_1'	3.33		3.33	3.33	0.57	1.9	3.33	0.24 Yes	0.57 Thermal Discharging
RMT311	423	'679775216_/_679775368_2'	3.33		3.33	3.33	0.57	1.9	3.33	0.24 Yes	0.57 Thermal Discharging
RMT311	424	'90806171_/_53525888_1'	10		10	10	1.71	1.4	10	0.68 Yes	1.4 Element Fault
RMT311	425	'54224703_/_53525888_2'	10		10	10	1.71	1.4	10	0.68 Yes	1.4 Element Fault
RMT311	426	'53525940_/_53525863'	10		10	10	1.71	1.4	10	0.68 Yes	1.4 Element Fault
RMT311	427	'3697493_/_3697507_1'	10		10	10	1.71	1.5	10	0.68 Yes	1.5 Element Fault
RMT311	428	'3697400_/_3697507_2'	10		10	10	1.71	1.5	10	0.68 Yes	1.5 Element Fault
RMT311	429	'43365721_/_3693761'	10		10	10	1.71	1.2	10	0.68 Yes	1.2 Element Fault
RMT311	430	'3689292_/_3697398'	10		10	10	1.71	1.5	10	0.68 Yes	1.5 Element Fault
RMT311	431	'3689675_/_3689710'	10		10	10	1.71	1.2	10	0.68 Yes	1.2 Element Fault
RMT311	432	'3689676_/_3689673'	10		10	10	1.71	1.2	10	0.68 Yes	1.2 Element Fault
RMT311	433	'3689730_/_3689727'	10		10	10	1.71	1.2	10	0.68 Yes	1.2 Element Fault
RMT311	434	'3689750_/_3689747'	10		10	10	1.71	1.2	10	0.68 Yes	1.2 Element Fault
RMT311	435	'3693695_/_3693693_1'	3.33		3.33	3.33	0.57	0.4	3.33	0.23 Yes	0.4 Element Fault
RMT311	436	'3693662_/_3693693_2'	3.33		3.33	3.33	0.57	0.4	3.33	0.23 Yes	0.4 Element Fault
RMT311	437	'3689767_/_3689764'	10		10	10	1.71	1.2	10	0.68 Yes	1.2 Element Fault
RMT311	438	'679775554_/_679775662_1'	3.33		3.33	3.33	0.57	0.4	3.33	0.23 Yes	0.4 Element Fault
RMT311	439	'679775519_/_679775639_1'	3.33		3.33	3.33	0.57	0.4	3.33	0.23 Yes	0.4 Element Fault
RMT311	440	'3693679_/_3693727'	3.33		3.33	3.33	0.57	0.4	3.33	0.23 Yes	0.4 Element Fault
RMT311	441	'679775474_/_679775612'	3.33		3.33	3.33	0.57	0.4	3.33	0.23 Yes	0.4 Element Fault
RMT311	442	'3689784_/_3689781'	10		10	10	1.71	1.2	10	0.68 Yes	1.2 Element Fault
RMT311	443	'7588910_/_7588907'	10		10	10	1.71	1.2	10	0.68 Yes	1.2 Element Fault
RMT311	444	'3689293_/_3689290'	10		10	10	1.71	1.5	10	0.68 Yes	1.5 Element Fault
RMT311	445	'3689801_/_3689798'	10		10	10	1.71	1.2	10	0.68 Yes	1.2 Element Fault
RMT311	446	'3689821_/_3689818'	10		10	10	1.71	1.2	10	0.68 Yes	1.2 Element Fault
RMT311	447	'3689837_/_3689886'	10		10	10	1.71	1.2	10	0.68 Yes	1.2 Element Fault
RMT311	448	'3689838_/_3689835_1'	10		10	10	1.71	0.3	10	0.68 Yes	0.3 Element Fault
RMT311	449	'3689855_/_3689835_2'	10		10	10	1.71	0.3	10	0.68 Yes	0.3 Element Fault
RMT311	450	'3689923_/_3689920'	10		10	10	1.71	1.2	10	0.68 Yes	1.2 Element Fault
RMT311	451	'3689905_/_3689937'	10		10	10	1.71	1.2	10	0.68 Yes	1.2 Element Fault
RMT311	452	'3689655_/_3689903'	10		10	10	1.71	1.2	10	0.68 Yes	1.2 Element Fault
RMT311	453	'43365525_/_3697171'	10		10	10	1.71	1.5	10	0.68 Yes	1.5 Element Fault
RMT311	454	'3689656_/_3689653'	10		10	10	1.71	1.2	10	0.68 Yes	1.2 Element Fault
RMT311	455	'3691661_/_3691733'	10		10	10	1.71	1.2	10	0.68 Yes	1.2 Element Fault
RMT311	456	'3691627_/_3691659'	10		10	10	1.71	1.2	10	0.68 Yes	1.2 Element Fault
RMT311	457	'3691679_/_3691676'	10		10	10	1.71	1.2	10	0.68 Yes	1.2 Element Fault
RMT311	458	'43364796_/_3691693'	10		10	10	1.71	1.2	10	0.68 Yes	1.2 Element Fault
RMT311	459	'3691628_/_3691625'	10		10	10	1.71	1.2	10	0.68 Yes	1.2 Element Fault
RMT311	460	'3691608_/_43364798'	10		10	10	1.71	1.2	10	0.68 Yes	1.2 Element Fault
RMT311	461	'3697136_/_43365527'	10		10	10	1.71	1.5	10	0.68 Yes	1.5 Element Fault
RMT311	462	'3690027_/_3691642'	10		10	10	1.71	1.2	10	0.68 Yes	1.2 Element Fault
RMT311	463	'8223056_/_8223054'	10		10	10	1.71	1.2	10	0.68 Yes	1.2 Element Fault
RMT311	464	'3690028_/_3690025'	10		10	10	1.71	1.2	10	0.68 Yes	1.2 Element Fault
RMT311	465	'3697137_/_3697134'	10		10	10	1.71	1.5	10	0.68 Yes	1.5 Element Fault
RMT311	466	'3690045_/_3690042'	10		10	10	1.71	1.2	10	0.68 Yes	1.2 Element Fault
RMT311	467	'3691490_/_3691605'	10		10	10	1.71	1.2	10	0.67 Yes	1.2 Element Fault
RMT311	468	'3697102_/_3697151'	10		10	10	1.71	1.5	10	0.68 Yes	1.5 Element Fault
RMT311	469	'3690062_/_3690059'	10		10	10	1.71	1.2	10	0.67 Yes	1.2 Element Fault
RMT311	470	'3691473_/_3691487'	10		10	10	1.71	1.2	10	0.67 Yes	1.2 Element Fault

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
				Voltage Deviation						VSR	Limiting Threshold
RMT311	471	'3697103_/_3697100'	10	10	10	1.71	1.5	10	0.68	Yes	1.5 Element Fault
RMT311	472	'3690079_/_3690076'	10	10	10	1.71	1.2	10	0.67	Yes	1.2 Element Fault
RMT311	473	'3690096_/_3690093'	10	10	10	1.71	1.2	10	0.67	Yes	1.2 Element Fault
RMT311	474	'3696811_/_3697117'	10	10	10	1.71	1.5	10	0.68	Yes	1.5 Element Fault
RMT311	475	'3691456_/_3691470'	10	10	10	1.71	1.2	10	0.67	Yes	1.2 Element Fault
RMT311	476	'3690113_/_3690110'	10	10	10	1.71	1.2	10	0.67	Yes	1.2 Element Fault
RMT311	477	'3696812_/_3696809'	4.4	10	10	1.71	1.5	10	0.68	Yes	1.5 Element Fault
RMT311	478	'3690130_/_3690127'	10	10	10	1.71	1.2	10	0.67	Yes	1.2 Element Fault
RMT311	479	'3697248_/_3697245'	3.5	10	10	1.71	1.5	10	0.68	Yes	1.5 Element Fault
RMT311	480	'471033643_/_471033608_1'	3.33	1.07	3.33	0.57	0.2	2.5	0.22	Yes	0.2 Element Fault
RMT311	481	'3691439_/_3691453'	10	10	10	1.71	1.2	10	0.67	Yes	1.2 Element Fault
RMT311	482	'3697265_/_3697262'	3.1	10	10	1.71	1.5	10	0.68	Yes	1.5 Element Fault
RMT311	483	'3672970_/_3690144'	10	10	10	1.71	1.2	10	0.67	Yes	1.2 Element Fault
RMT311	484	'471033631_/_3689260_1'	3.33	3.33	3.33	0.57	0.3	3.33	0.22	Yes	0.3 Element Fault
RMT311	485	'3689263_/_3689260_2'	3.33	1.4	3.33	0.57	0.2	3.33	0.22	Yes	0.2 Element Fault
RMT311	486	'3697282_/_3697279'	2.8	10	10	1.71	1.5	10	0.67	Yes	1.5 Element Fault
RMT311	487	'3672971_/_3672968'	3.2	10	10	1.71	1.2	10	0.67	Yes	1.2 Element Fault
RMT311	488	'3689278_/_3689275'	6.67	2.13	6.67	1.14	0.4	6.13	0.44	Yes	0.4 Element Fault
RMT311	489	'3691438_/_3691436'	2.8	10	10	1.71	1.2	10	0.67	Yes	1.2 Element Fault
RMT311	490	'3696848_/_3697296'	2.6	10	10	1.71	1.5	10	0.67	Yes	1.5 Element Fault
RMT311	491	'3672988_/_3672985'	2.8	10	10	1.71	1.2	10	0.67	Yes	1.2 Element Fault
RMT311	492	'3692624_/_3692621'	6.67	2.13	6.67	1.14	0.4	6.03	0.44	Yes	0.4 Element Fault
RMT311	493	'68295572_/_121921061_1'	10	10	10	1.71	0.9	10	0.66	Yes	0.9 Element Fault
RMT311	494	'3696828_/_3696846'	2.4	10	10	1.71	1.5	10	0.67	Yes	1.5 Element Fault
RMT311	495	'50740804_/_50740801'	10	10	10	1.71	0.9	10	0.66	Yes	0.9 Element Fault
RMT311	496	'3696288_/_3696302_1'	3.33	3.33	3.33	0.57	0.3	3.33	0.22	Yes	0.3 Element Fault
RMT311	497	'679775204_/_679775347_1'	3.33	3.33	3.33	0.57	0.3	3.33	0.22	Yes	0.3 Element Fault
RMT311	498	'679775241_/_679775416_1'	3.33	3.33	3.33	0.57	0.3	3.33	0.22	Yes	0.3 Element Fault
RMT311	499	'3673005_/_3673002'	2.5	10	10	1.71	1.2	10	0.67	Yes	1.2 Element Fault
RMT311	500	'87129931_/_121921061_2'	10	10	10	1.71	0.9	10	0.66	Yes	0.9 Element Fault
RMT311	501	'87129930_/_87129927'	10	10	10	1.71	0.9	10	0.66	Yes	0.9 Element Fault
RMT311	502	'403425583_/_403425580'	10	10	10	1.71	0.9	10	0.66	Yes	0.9 Element Fault
RMT311	503	'403425590_/_403425587'	10	10	10	1.71	0.9	10	0.66	Yes	0.9 Element Fault
RMT311	504	'87129945_/_87129941'	10	10	10	1.71	0.9	10	0.66	Yes	0.9 Element Fault
RMT311	505	'3696322_/_3696302_2'	3.33	3.33	3.33	0.57	0.3	3.33	0.22	Yes	0.3 Element Fault
RMT311	506	'9479855_/_102387077'	10	10	10	1.71	0.9	10	0.66	Yes	0.9 Element Fault
RMT311	507	'679775389_/_679775347_2'	3.33	3.33	3.33	0.57	0.3	3.33	0.22	Yes	0.3 Element Fault
RMT311	508	'3692639_/_3692636'	6.67	2.13	6.67	1.14	0.4	5.95	0.44	Yes	0.4 Element Fault
RMT311	509	'3691422_/_3691572'	2.2	10	10	1.71	1.2	10	0.67	Yes	1.2 Element Fault
RMT311	510	'3696373_/_3696353'	3.33	3.33	3.33	0.57	0.3	3.33	0.22	Yes	0.3 Element Fault
RMT311	511	'3696460_/_3696475'	10	10	10	1.71	0.9	10	0.66	Yes	0.9 Element Fault
RMT311	512	'3696829_/_3696826'	2.2	10	10	1.71	1.5	10	0.67	Yes	1.5 Element Fault
RMT311	513	'7588986_/_8223090_1'	10	10	10	1.71	0.9	10	0.66	Yes	0.9 Element Fault
RMT311	514	'50740779_/_50740776'	3.33	3.33	3.33	0.57	0.3	3.33	0.22	Yes	0.3 Element Fault
RMT311	515	'3673022_/_3673019'	2.2	10	10	1.71	1.2	10	0.67	Yes	1.2 Element Fault
RMT311	516	'3683991_/_3684022_1'	2.2	10	10	1.71	1.2	10	0.67	Yes	1.2 Element Fault
RMT311	517	'3696461_/_3696458'	10	10	10	1.71	0.9	10	0.66	Yes	0.9 Element Fault
RMT311	518	'8223093_/_8223090_2'	10	10	10	1.71	0.9	10	0.66	Yes	0.9 Element Fault
RMT311	519	'7907943_/_7907941_1'	10	10	10	1.71	0.5	10	0.66	Yes	0.5 Element Fault
RMT311	520	'3692654_/_3692651'	6.67	2.13	6.67	1.14	0.4	5.82	0.44	Yes	0.4 Element Fault
RMT311	521	'3673076_/_3673073'	2	10	10	1.71	1.2	10	0.67	Yes	1.2 Element Fault
RMT311	522	'3684025_/_3684022_2'	2	10	10	1.71	1.2	10	0.67	Yes	1.2 Element Fault
RMT311	523	'3691402_/_3691419'	1.9	10	10	1.71	1.2	10	0.67	Yes	1.2 Element Fault
RMT311	524	'3673093_/_3673090'	2	10	10	1.71	1.2	10	0.67	Yes	1.2 Element Fault
RMT311	525	'3696868_/_3696970'	2	10	10	1.71	1.5	10	0.67	Yes	1.5 Element Fault
RMT311	526	'3691385_/_3691399'	1.9	10	10	1.71	1.2	10	0.67	Yes	1.2 Element Fault
RMT311	527	'3673039_/_3673053'	2	10	10	1.71	1.2	10	0.67	Yes	1.2 Element Fault
RMT311	528	'3691368_/_3691382'	1.8	10	10	1.71	1.2	10	0.67	Yes	1.2 Element Fault
RMT311	529	'43364210_/_3692755'	3.33	1.4	3.33	0.57	0.2	3.33	0.22	Yes	0.2 Element Fault
RMT311	530	'3692669_/_3692666'	6.67	2.13	6.67	1.14	0.4	5.73	0.44	Yes	0.4 Element Fault
RMT311	531	'3683915_/_3683912'	1.9	10	10	1.71	1.2	10	0.67	Yes	1.2 Element Fault
RMT311	532	'3684042_/_3684039'	1.9	10	10	1.71	1.2	10	0.67	Yes	1.2 Element Fault
RMT311	533	'3672831_/_3673036'	1.8	10	10	1.71	1.2	10	0.67	Yes	1.2 Element Fault
RMT311	534	'3691351_/_3691365'	1.7	10	10	1.71	1.2	10	0.67	Yes	1.2 Element Fault
RMT311	535	'7907944_/_7907941_2'	10	10	10	1.71	0.5	10	0.66	Yes	0.5 Element Fault
RMT311	536	'43365103_/_3696866'	1.9	10	10	1.71	1.5	10	0.67	Yes	1.5 Element Fault
RMT311	537	'3683932_/_3683929'	1.8	10	10	1.71	1.2	10	0.67	Yes	1.2 Element Fault
RMT311	538	'3684059_/_3684056'	1.8	10	10	1.71	1.2	10	0.67	Yes	1.2 Element Fault
RMT311	539	'3692758_/_43364212'	3.33	1.4	3.33	0.57	0.2	3.33	0.22	Yes	0.2 Element Fault
RMT311	540	'3692684_/_3692681'	6.67	2.13	6.67	1.14	0.4	5.63	0.44	Yes	0.4 Element Fault
RMT311	541	'3672793_/_3672828'	1.7	10	10	1.71	1.2	10	0.67	Yes	1.2 Element Fault
RMT311	542	'3692729_/_3692742_1'	3.33	1.4	3.33	0.57	0.2	3.33	0.22	Yes	0.2 Element Fault
RMT311	543	'3672794_/_3691331_1'	1.7	10	10	1.71	1.1	10	0.67	Yes	1.1 Element Fault
RMT311	544	'3672847_/_3672845'	1.2	6.67	6.67	1.14	0.8	6.67	0.45	Yes	0.8 Element Fault
RMT311	545	'3691350_/_3691348'	1.6	10	10	1.71	1.2	10	0.67	Yes	1.2 Element Fault
RMT311	546	'63100352_/_3691331_2'	1.7	10	10	1.71	1.1	10	0.67	Yes	1.1 Element Fault
RMT311	547	'3684076_/_3684073'	1.7	10	10	1.71	1.2	10	0.67	Yes	1.2 Element Fault
RMT311	548	'3672865_/_3684399'	1.6	10	10	1.71	1.2	10	0.67	Yes	1.2 Element Fault
RMT311	549	'3692699_/_3692696'	6.67	2.13	6.67	1.14	0.4	5.54	0.44	Yes	0.4 Element Fault
RMT311	550	'3690167_/_43364824'	1.6	10	10	1.71	1.2	10	0.67	Yes	1.2 Element Fault
RMT311	551	'3696869_/_43365105'	1.7	10	10	1.71	1.5	10	0.67	Yes	1.5 Element Fault
RMT311	552	'3696960_/_3696957'	0.57	3.33	3.33	0.57	0.4	3.33	0.22	Yes	0.4 Element Fault
RMT311	553	'43364783_/_43364785'	1.5	10	10	1.71	1.2	10	0.67	Yes	1.2 Element Fault
RMT311	554	'3684093_/_3684090'	1.6	10	10	1.71	1.2	10	0.67	Yes	1.2 Element Fault
RMT311	555	'3684381_/_3684378'	1.07	6.67	6.67	1.14	0.8	6.67	0.44	Yes	0.8 Element Fault
RMT311	556	'43364861_/_3672863'	1.5	10	10	1.71	1.2	10	0.67	Yes	1.2 Element Fault
RMT311	557	'3692714_/_3692711'	6.67	2.13	6.67	1.14	0.4	5.45	0.44	Yes	0.4 Element Fault
RMT311	558	'3683949_/_3683959_1'	0.73	3.33	3.33	0.57	0.4	3.33	0.22	Yes	0.4 Element Fault
RMT311	559	'3696889_/_3696886'	1.6	10	10	1.71	1.5	10	0.67	Yes	1.5 Element Fault
RMT311	560	'3684110_/_3684107'	1.5	10	10	1.71	1.2	10	0.67	Yes	1.2 Element Fault
RMT311	561	'43364199_/_3692742_2'	3.33	1.4	3.33	0.57	0.2	3.25	0.22	Yes	0.2 Element Fault
RMT311	562	'3703085_/_3703083_1'	10	10	10	1.71	0.7	9.38	0.66	Yes	0.7 Element Fault
RMT311	563	'3683962_/_3683959_2'	0.67	3.33	3.33	0.57	0.4	3.29	0.22	Yes	0.4 Element Fault
RMT311	564	'43364848_/_43364863'	1.4	10	10	1.71	1.2	10	0.67	Yes	1.2 Element Fault

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
				Deviation						VSR (MW)	Limiting Threshold
RMT311	565	'3703086_/_3703083_2'		10	10	10	1.71	0.7	9.33	0.66 Yes	0.7 Element Fault
RMT311	566	'7273094_/_7907807_1'		10	10	10	1.71	0.7	9.32	0.66 Yes	0.7 Element Fault
RMT311	567	'3692605_/_3692771'		6.67	2.13	6.67	1.14	0.4	5.36	0.44 Yes	0.4 Element Fault
RMT311	568	'3684127_/_3684124'		1.4	10	10	1.71	1.2	10	0.67 Yes	1.2 Element Fault
RMT311	569	'3683978_/_43364876'		0.63	3.33	3.33	0.57	0.4	3.25	0.22 Yes	0.4 Element Fault
RMT311	570	'148869778_/_9479644_2'		6.67	2.13	6.67	1.14	0.4	5.34	0.44 Yes	0.4 Element Fault
RMT311	571	'3696906_/_3696903'		1.5	10	10	1.71	1.5	10	0.67 Yes	1.5 Primary Over-Voltage
RMT311	572	'3672883_/_3672880'		1.4	10	10	1.71	1.2	9.92	0.67 Yes	1.2 Element Fault
RMT311	573	'3684144_/_3684141'		1.3	10	10	1.71	1.2	9.83	0.67 Yes	1.2 Element Fault
RMT311	574	'43364835_/_3672897'		1.3	10	10	1.71	1.2	9.81	0.67 Yes	1.2 Element Fault
RMT311	575	'3692024_/_3692603'		6.67	2.13	6.67	1.14	0.4	5.26	0.44 Yes	0.4 Element Fault
RMT311	576	'7907810_/_7907807_2'		10	10	10	1.71	0.7	9.07	0.66 Yes	0.7 Element Fault
RMT311	577	'43364221_/_43364223'		0.6	3.33	3.33	0.57	0.4	3.3	0.22 Yes	0.4 Element Fault
RMT311	578	'3672917_/_43364837'		1.3	10	10	1.71	1.2	9.75	0.67 Yes	1.2 Element Fault
RMT311	579	'8222996_/_8222994'		10	10	10	1.71	0.7	9.06	0.66 Yes	0.7 Element Fault
RMT311	580	'3696923_/_3696920'		1.5	10	10	1.71	1.5	9.82	0.67 Yes	1.5 Primary Over-Voltage
RMT311	581	'3692745_/_43364201'		3.33	1.4	3.33	0.57	0.2	3.09	0.22 Yes	0.2 Element Fault
RMT311	582	'3684161_/_3684158'		1.3	10	10	1.71	1.2	9.61	0.67 Yes	1.2 Element Fault
RMT311	583	'3692025_/_3692022'		6.67	2.13	6.67	1.14	0.4	5.18	0.44 Yes	0.4 Element Fault
RMT311	584	'3672934_/_3672931'		1.2	10	10	1.71	1.2	9.56	0.67 Yes	1.2 Primary Over-Voltage
RMT311	585	'9479734_/_9479732'		10	10	10	1.71	0.7	8.89	0.66 Yes	0.7 Element Fault
RMT311	586	'43364908_/_3684175'		1.2	10	10	1.71	1.2	9.5	0.66 Yes	1.2 Primary Over-Voltage
RMT311	587	'43364954_/_3672948'		1.2	10	10	1.71	1.2	9.4	0.66 Yes	1.2 Primary Over-Voltage
RMT311	588	'3692043_/_3692040'		6.67	2.13	6.67	1.14	0.4	5.1	0.44 Yes	0.4 Element Fault
RMT311	589	'3696940_/_3696937'		1.4	10	10	1.71	1.5	9.5	0.67 Yes	1.4 Primary Over-Voltage
RMT311	590	'3684195_/_43364910'		1.2	10	10	1.71	1.2	9.32	0.66 Yes	1.2 Primary Over-Voltage
RMT311	591	'3684422_/_3684419'		1.1	10	10	1.71	1.2	9.23	0.66 Yes	1.1 Primary Over-Voltage
RMT311	592	'3692058_/_3692055'		6.67	2.13	6.67	1.14	0.4	5.03	0.44 Yes	0.4 Element Fault
RMT311	593	'3684212_/_3684209'		1.2	10	10	1.71	1.2	9.2	0.66 Yes	1.2 Primary Over-Voltage
RMT311	594	'8851306_/_8851321_1'		6.67	2.13	6.67	1.14	0.4	5.02	0.44 Yes	0.4 Element Fault
RMT311	595	'3692295_/_3692305_1'		3.33	1.4	3.33	0.57	0.2	2.93	0.22 Yes	0.2 Element Fault
RMT311	596	'43365247_/_3697009'		1.3	10	10	1.71	1.5	9.26	0.67 Yes	1.3 Primary Over-Voltage
RMT311	597	'3696995_/_3696993'		0.53	3.33	3.33	0.57	0.4	3.09	0.22 Yes	0.4 Element Fault
RMT311	598	'3684365_/_43364899'		0.47	3.33	3.33	0.57	0.4	2.96	0.22 Yes	0.4 Element Fault
RMT311	599	'3692308_/_3692305_2'		3.33	1.4	3.33	0.57	0.2	2.91	0.22 Yes	0.2 Element Fault
RMT311	600	'3684439_/_3684436'		1.1	10	10	1.71	1.2	9.06	0.66 Yes	1.1 Primary Over-Voltage
RMT311	601	'3690269_/_3690249'		1.1	10	10	1.71	1.2	9.02	0.66 Yes	1.1 Primary Over-Voltage
RMT311	602	'3692076_/_3692073'		6.67	2.13	6.67	1.14	0.4	4.93	0.44 Yes	0.4 Element Fault
RMT311	603	'9479647_/_9479644_1'		6.67	2.13	6.67	1.14	0.4	4.93	0.44 Yes	0.4 Element Fault
RMT311	604	'43364967_/_3684615'		1.1	10	10	1.71	1.2	8.95	0.66 Yes	1.1 Primary Over-Voltage
RMT311	605	'3697029_/_43365249'		1.2	10	10	1.71	1.5	9	0.67 Yes	1.2 Primary Over-Voltage
RMT311	606	'468023539_/_392986168_1'		1.2	10	10	1.71	1.4	8.99	0.67 Yes	1.2 Primary Over-Voltage
RMT311	607	'3690382_/_3690379'		1.1	10	10	1.71	1.2	8.84	0.66 Yes	1.1 Primary Over-Voltage
RMT311	608	'43364981_/_43364969'		1	10	10	1.71	1.2	8.84	0.66 Yes	1 Primary Over-Voltage
RMT311	609	'3692091_/_3692088'		6.67	2.13	6.67	1.14	0.4	4.85	0.44 Yes	0.4 Element Fault
RMT311	610	'3673127_/_43364983'		1	10	10	1.71	1.2	8.73	0.66 Yes	1 Primary Over-Voltage
RMT311	611	'67828449_/_67828145_1'		6.67	2.13	6.67	1.14	0.4	4.83	0.44 Yes	0.4 Element Fault
RMT311	612	'67828142_/_67828145_2'		6.67	2.13	6.67	1.14	0.4	4.83	0.44 Yes	0.4 Element Fault
RMT311	613	'3692321_/_3692318'		3.33	1.4	3.33	0.57	0.2	2.8	0.22 Yes	0.2 Element Fault
RMT311	614	'7907846_/_7907843'		1	10	10	1.71	1.2	8.66	0.66 Yes	1 Primary Over-Voltage
RMT311	615	'3690399_/_3690396'		1	10	10	1.71	1.2	8.66	0.66 Yes	1 Primary Over-Voltage
RMT311	616	'3697046_/_3697043'		1.2	10	10	1.71	1.5	8.75	0.66 Yes	1.2 Primary Over-Voltage
RMT311	617	'3690298_/_3690430'		1	10	10	1.71	1.2	8.63	0.66 Yes	1 Primary Over-Voltage
RMT311	618	'3673143_/_3690296'		1	10	10	1.71	1.2	8.56	0.66 Yes	1 Primary Over-Voltage
RMT311	619	'3692106_/_3692103'		6.67	2.13	6.67	1.14	0.4	4.76	0.44 Yes	0.4 Element Fault
RMT311	620	'3690315_/_3690413'		1	10	10	1.71	1.2	8.5	0.66 Yes	1 Primary Over-Voltage
RMT311	621	'3673144_/_3673141'		1	10	10	1.71	1.2	8.49	0.66 Yes	1 Primary Over-Voltage
RMT311	622	'3698618_/_3698615'		1.1	10	10	1.71	1.5	8.59	0.66 Yes	1.1 Primary Over-Voltage
RMT311	623	'8223133_/_392986168_2'		1.1	10	10	1.71	1.4	8.58	0.66 Yes	1.1 Primary Over-Voltage
RMT311	624	'52760430_/_52760390_1'		1.1	10	10	1.71	1.5	8.57	0.66 Yes	1.1 Primary Over-Voltage
RMT311	625	'3673161_/_3673158'		1	10	10	1.71	1.2	8.42	0.66 Yes	1 Primary Over-Voltage
RMT311	626	'52760383_/_52760390_2'		1.1	10	10	1.71	1.5	8.48	0.66 Yes	1.1 Primary Over-Voltage
RMT311	627	'3690316_/_3690313'		0.9	10	10	1.71	1.2	8.36	0.66 Yes	0.9 Primary Over-Voltage
RMT311	628	'3692334_/_3692331'		3.33	1.4	3.33	0.57	0.2	2.69	0.22 Yes	0.2 Element Fault
RMT311	629	'3673178_/_3673175'		0.9	10	10	1.71	1.2	8.34	0.66 Yes	0.9 Primary Over-Voltage
RMT311	630	'3702287_/_3702284'		1.1	10	10	1.71	1.5	8.43	0.66 Yes	1.1 Primary Over-Voltage
RMT311	631	'3692121_/_3692118'		6.67	2.13	6.67	1.14	0.4	4.66	0.44 Yes	0.4 Element Fault
RMT311	632	'7908097_/_7908095_1'		1.1	10	10	1.71	1.5	8.41	0.66 Yes	1.1 Primary Over-Voltage
RMT311	633	'67828467_/_67828253_2'		3.33	1.4	3.33	0.57	0.2	2.65	0.22 Yes	0.2 Element Fault
RMT311	634	'3673195_/_3673192'		0.9	10	10	1.71	1.2	8.25	0.66 Yes	0.9 Primary Over-Voltage
RMT311	635	'465279164_/_3702304'		1.1	10	10	1.71	1.5	8.33	0.66 Yes	1.1 Primary Over-Voltage
RMT311	636	'3690450_/_3690447'		0.9	10	10	1.71	1.2	8.24	0.66 Yes	0.9 Primary Over-Voltage
RMT311	637	'8851324_/_8851321_2'		6.67	2.13	6.67	1.14	0.4	4.62	0.44 Yes	0.4 Element Fault
RMT311	638	'3698565_/_465279166'		1.1	10	10	1.71	1.5	8.28	0.66 Yes	1.1 Primary Over-Voltage
RMT311	639	'3692139_/_3692136'		6.67	2.13	6.67	1.14	0.4	4.6	0.44 Yes	0.4 Element Fault
RMT311	640	'3684459_/_3684456'		0.37	3.33	3.33	0.57	0.4	2.65	0.22 Yes	0.37 Primary Over-Voltage
RMT311	641	'3673214_/_3673212'		0.9	10	10	1.71	1.2	8.12	0.66 Yes	0.9 Primary Over-Voltage
RMT311	642	'7908098_/_7908095_2'		1.1	10	10	1.71	1.5	8.2	0.66 Yes	1.1 Primary Over-Voltage
RMT311	643	'3684352_/_3690266'		0.37	3.33	3.33	0.57	0.4	2.64	0.22 Yes	0.37 Primary Over-Voltage
RMT311	644	'67828274_/_67828253_1'		3.33	1.4	3.33	0.57	0.2	2.6	0.22 Yes	0.2 Element Fault
RMT311	645	'3690467_/_3690464'		0.9	10	10	1.71	1.2	8.09	0.66 Yes	0.9 Primary Over-Voltage
RMT311	646	'3697065_/_3698563'		1	10	10	1.71	1.5	8.13	0.66 Yes	1 Primary Over-Voltage
RMT311	647	'3692347_/_3692344'		3.33	1.4	3.33	0.57	0.2	2.59	0.22 Yes	0.2 Element Fault
RMT311	648	'3684472_/_3684469'		0.37	3.33	3.33	0.57	0.4	2.61	0.22 Yes	0.37 Primary Over-Voltage
RMT311	649	'3692154_/_3692151'		6.67	2.13	6.67	1.14	0.4	4.51	0.44 Yes	0.4 Element Fault
RMT311	650	'3684339_/_3684349'		0.37	3.33	3.33	0.57	0.4	2.59	0.22 Yes	0.37 Primary Over-Voltage
RMT311	651	'3690484_/_3690481'		0.9	10	10	1.71	1.2	7.96	0.66 Yes	0.9 Primary Over-Voltage
RMT311	652	'43366307_/_43366309'		0.37	3.27	3.33	0.57	0.5	2.68	0.22 Yes	0.37 Primary Over-Voltage
RMT311	653	'43365442_/_3697063'		1	9.7	10	1.71	1.5	8.02	0.66 Yes	1 Primary Over-Voltage
RMT311	654	'67828298_/_67828277'		3.33	1.4	3.33	0.57	0.2	2.54	0.22 Yes	0.2 Element Fault
RMT311	655	'8851543_/_8851561'		1	9.5	10	1.71	1.5	7.98	0.66 Yes	1 Primary Over-Voltage
RMT311	656	'505606044_/_505606048'		0.37	3.2	3.33	0.57	0.5	2.66	0.22 Yes	0.37 Primary Over-Voltage
RMT311	657	'505606194_/_505606100_1'		0.37	3.2	3.33	0.57	0.4	2.65	0.22 Yes	0.37 Primary Over-Voltage
RMT311	658	'3684537_/_3684547'		0.37	3.33	3.33	0.57	0.4	2.56	0.22 Yes	0.37 Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RMT311	659	'9167958_/_9167956_1'		3.33	1.4	3.33	0.57	0.2	2.53	0.22 Yes	0.2 Element Fault
RMT311	660	'3684563_/_3684560'		0.37	3.33	3.33	0.57	0.4	2.56	0.22 Yes	0.37 Primary Over-Voltage
RMT311	661	'3690349_/_3690498'		0.8	10	10	1.71	1.2	7.85	0.66 Yes	0.8 Primary Over-Voltage
RMT311	662	'3697083_/_43365444'		1	9.4	10	1.71	1.5	7.93	0.66 Yes	1 Primary Over-Voltage
RMT311	663	'8851544_/_8851541'		1	9.4	10	1.71	1.5	7.93	0.66 Yes	1 Primary Over-Voltage
RMT311	664	'748481608_/_43366298'		0.37	3.13	3.33	0.57	0.5	2.63	0.22 Yes	0.37 Primary Over-Voltage
RMT311	665	'3684326_/_3684336'		0.33	3.33	3.33	0.57	0.4	2.54	0.22 Yes	0.33 Primary Over-Voltage
RMT311	666	'748481513_/_748481499'		0.37	3.13	3.33	0.57	0.5	2.63	0.22 Yes	0.37 Primary Over-Voltage
RMT311	667	'3698585_/_3698583'		0.37	3.13	3.33	0.57	0.5	2.63	0.22 Yes	0.37 Primary Over-Voltage
RMT311	668	'3692172_/_3692169'		6.67	2.13	6.67	1.14	0.4	4.43	0.44 Yes	0.4 Element Fault
RMT311	669	'3697211_/_3697208'		1	9.1	10	1.71	1.5	7.84	0.66 Yes	1 Primary Over-Voltage
RMT311	670	'312568723_/_312568733'		1	9	10	1.71	1.5	7.83	0.66 Yes	1 Primary Over-Voltage
RMT311	671	'67828322_/_67828301'		3.33	1.4	3.33	0.57	0.2	2.49	0.22 Yes	0.2 Element Fault
RMT311	672	'43365362_/_43365364'		0.53	6.67	6.67	1.14	0.8	5.14	0.44 Yes	0.53 Primary Over-Voltage
RMT311	673	'3684524_/_3684534'		0.37	3.33	3.33	0.57	0.4	2.52	0.22 Yes	0.37 Primary Over-Voltage
RMT311	674	'467971577_/_470962043'		1	9	10	1.71	1.5	7.8	0.66 Yes	1 Primary Over-Voltage
RMT311	675	'3692360_/_3692357'		3.33	1.4	3.33	0.57	0.2	2.49	0.22 Yes	0.2 Element Fault
RMT311	676	'43365016_/_3690346'		0.53	6.67	6.67	1.14	0.8	5.12	0.44 Yes	0.53 Primary Over-Voltage
RMT311	677	'3684576_/_3684573'		0.37	3.33	3.33	0.57	0.4	2.51	0.22 Yes	0.37 Primary Over-Voltage
RMT311	678	'3691025_/_3697225'		0.9	8.9	10	1.71	1.5	7.78	0.66 Yes	0.9 Primary Over-Voltage
RMT311	679	'3690518_/_3690515'		0.8	10	10	1.71	1.2	7.7	0.66 Yes	0.8 Primary Over-Voltage
RMT311	680	'3684296_/_3684323'		0.33	3.33	3.33	0.57	0.4	2.49	0.22 Yes	0.33 Primary Over-Voltage
RMT311	681	'3690366_/_3690364'		0.53	6.67	6.67	1.14	0.8	5.08	0.44 Yes	0.53 Primary Over-Voltage
RMT311	682	'9167959_/_9167956_2'		3.33	1.4	3.33	0.57	0.2	2.45	0.22 Yes	0.2 Element Fault
RMT311	683	'3691099_/_3691096'		0.9	8.6	10	1.71	1.5	7.69	0.66 Yes	0.9 Primary Over-Voltage
RMT311	684	'3692187_/_3692184'		6.67	2.13	6.67	1.14	0.4	4.35	0.44 Yes	0.4 Element Fault
RMT311	685	'316824146_/_316824104_1'		6.67	2.13	6.67	1.14	0.4	4.34	0.44 Yes	0.4 Element Fault
RMT311	686	'3684511_/_3684521'		0.33	3.33	3.33	0.57	0.4	2.47	0.22 Yes	0.33 Primary Over-Voltage
RMT311	687	'67828346_/_67828325'		3.33	1.4	3.33	0.57	0.2	2.44	0.22 Yes	0.2 Element Fault
RMT311	688	'3684297_/_3684294'		0.33	3.33	3.33	0.57	0.4	2.46	0.22 Yes	0.33 Primary Over-Voltage
RMT311	689	'3684589_/_3684586'		0.33	3.33	3.33	0.57	0.4	2.46	0.22 Yes	0.33 Primary Over-Voltage
RMT311	690	'3690552_/_3690549'		0.8	10	10	1.71	1.2	7.55	0.66 Yes	0.8 Primary Over-Voltage
RMT311	691	'43364177_/_3692373'		3.33	1.4	3.33	0.57	0.2	2.44	0.22 Yes	0.2 Element Fault
RMT311	692	'7908002_/_7907999'		0.37	2.87	3.33	0.57	0.5	2.53	0.22 Yes	0.37 Primary Over-Voltage
RMT311	693	'505606088_/_505606100_2'		0.37	2.83	3.33	0.57	0.4	2.53	0.22 Yes	0.37 Primary Over-Voltage
RMT311	694	'3691145_/_3691142'		0.9	8.4	10	1.71	1.5	7.6	0.66 Yes	0.9 Primary Over-Voltage
RMT311	695	'71977448_/_72006409_1'		3.33	1.4	3.33	0.57	0.2	2.41	0.22 Yes	0.2 Element Fault
RMT311	696	'43365387_/_43365389'		0.3	2.77	3.33	0.57	0.5	2.52	0.22 Yes	0.3 Primary Over-Voltage
RMT311	697	'43364921_/_43364923'		0.3	3.33	3.33	0.57	0.4	2.43	0.22 Yes	0.3 Primary Over-Voltage
RMT311	698	'3684498_/_3684508'		0.33	3.33	3.33	0.57	0.4	2.43	0.22 Yes	0.33 Primary Over-Voltage
RMT311	699	'3690589_/_3690586'		0.8	10	10	1.71	1.2	7.45	0.66 Yes	0.8 Primary Over-Voltage
RMT311	700	'3691162_/_3691159'		0.9	8.1	10	1.71	1.5	7.51	0.66 Yes	0.9 Primary Over-Voltage
RMT311	701	'3692205_/_3692202'		6.67	2.13	6.67	1.14	0.4	4.27	0.44 Yes	0.4 Element Fault
RMT311	702	'3690535_/_3690566'		0.8	10	10	1.71	1.2	7.44	0.66 Yes	0.8 Primary Over-Voltage
RMT311	703	'3673235_/_3673232'		0.3	3.33	3.33	0.57	0.4	2.41	0.22 Yes	0.3 Primary Over-Voltage
RMT311	704	'67828370_/_67828349'		3.33	1.4	3.33	0.57	0.2	2.39	0.22 Yes	0.2 Element Fault
RMT311	705	'3684605_/_3684602'		0.33	3.33	3.33	0.57	0.4	2.41	0.22 Yes	0.33 Primary Over-Voltage
RMT311	706	'3692376_/_43364179'		3.33	1.4	3.33	0.57	0.2	2.39	0.22 Yes	0.2 Element Fault
RMT311	707	'43364932_/_43364934'		0.3	3.33	3.33	0.57	0.4	2.4	0.22 Yes	0.3 Primary Over-Voltage
RMT311	708	'3691132_/_3691174'		0.9	7.9	10	1.71	1.5	7.43	0.66 Yes	0.9 Primary Over-Voltage
RMT311	709	'3690606_/_3690603'		0.7	10	10	1.71	1.2	7.36	0.66 Yes	0.7 Primary Over-Voltage
RMT311	710	'3684284_/_3684281_2'		0.3	3.33	3.33	0.57	0.4	2.39	0.22 Yes	0.3 Primary Over-Voltage
RMT311	711	'3692532_/_72006409_2'		3.33	1.4	3.33	0.57	0.2	2.36	0.22 Yes	0.2 Element Fault
RMT311	712	'3684766_/_3690532'		0.7	10	10	1.71	1.2	7.33	0.66 Yes	0.7 Primary Over-Voltage
RMT311	713	'3684484_/_3684495'		0.33	3.33	3.33	0.57	0.4	2.38	0.22 Yes	0.33 Primary Over-Voltage
RMT311	714	'43365079_/_3673279'		0.3	3.33	3.33	0.57	0.4	2.38	0.22 Yes	0.3 Primary Over-Voltage
RMT311	715	'3691116_/_3691194'		0.9	7.8	10	1.71	1.5	7.36	0.66 Yes	0.9 Primary Over-Voltage
RMT311	716	'3691024_/_3691022'		0.3	2.6	3.33	0.57	0.5	2.45	0.22 Yes	0.3 Primary Over-Voltage
RMT311	717	'3692220_/_3692217'		6.67	2.13	6.67	1.14	0.4	4.2	0.44 Yes	0.4 Element Fault
RMT311	718	'3684271_/_3684281_1'		0.3	3.33	3.33	0.57	0.3	2.36	0.22 Yes	0.3 Primary Over-Voltage
RMT311	719	'67828394_/_67828373'		3.33	1.4	3.33	0.57	0.2	2.34	0.22 Yes	0.2 Element Fault
RMT311	720	'3690623_/_3690620'		0.7	10	10	1.71	1.2	7.26	0.66 Yes	0.7 Primary Over-Voltage
RMT311	721	'3684749_/_3684763'		0.7	10	10	1.71	1.2	7.22	0.66 Yes	0.7 Primary Over-Voltage
RMT311	722	'43364994_/_3684482'		0.3	3.33	3.33	0.57	0.4	2.35	0.22 Yes	0.3 Primary Over-Voltage
RMT311	723	'43365431_/_43365433'		0.3	2.53	3.33	0.57	0.5	2.42	0.22 Yes	0.3 Primary Over-Voltage
RMT311	724	'3673282_/_43365081'		0.3	3.33	3.33	0.57	0.4	2.34	0.22 Yes	0.3 Primary Over-Voltage
RMT311	725	'312568759_/_312568778'		0.33	2.53	3.33	0.57	0.5	2.41	0.22 Yes	0.33 Primary Over-Voltage
RMT311	726	'3684258_/_3684268'		0.3	3.33	3.33	0.57	0.3	2.34	0.22 Yes	0.3 Primary Over-Voltage
RMT311	727	'3691040_/_3691083'		0.3	2.53	3.33	0.57	0.5	2.41	0.22 Yes	0.3 Primary Over-Voltage
RMT311	728	'57475252_/_57475228'		0.8	7.5	10	1.71	1.5	7.23	0.66 Yes	0.8 Primary Over-Voltage
RMT311	729	'43365374_/_3690640'		0.7	10	10	1.71	1.2	7.15	0.66 Yes	0.7 Primary Over-Voltage
RMT311	730	'3691069_/_3691129'		0.3	2.5	3.33	0.57	0.5	2.4	0.22 Yes	0.3 Primary Over-Voltage
RMT311	731	'3684485_/_43364996'		0.3	3.33	3.33	0.57	0.4	2.32	0.22 Yes	0.3 Primary Over-Voltage
RMT311	732	'3692235_/_3692232'		6.67	2.13	6.67	1.14	0.4	4.13	0.44 Yes	0.4 Element Fault
RMT311	733	'43365027_/_3684746'		0.7	10	10	1.71	1.2	7.12	0.66 Yes	0.7 Primary Over-Voltage
RMT311	734	'67828400_/_67828397'		3.33	1.4	3.33	0.57	0.2	2.29	0.22 Yes	0.2 Element Fault
RMT311	735	'3691115_/_3691113'		0.3	2.47	3.33	0.57	0.5	2.39	0.22 Yes	0.3 Primary Over-Voltage
RMT311	736	'3684242_/_3684255'		0.27	3.33	3.33	0.57	0.3	2.31	0.22 Yes	0.27 Primary Over-Voltage
RMT311	737	'468022630_/_3703444_1'		0.27	2.43	3.33	0.57	0.5	2.38	0.22 Yes	0.27 Primary Over-Voltage
RMT311	738	'3690995_/_3703470'		0.27	2.43	3.33	0.57	0.5	2.38	0.22 Yes	0.27 Primary Over-Voltage
RMT311	739	'57475406_/_57475262'		0.8	7.3	10	1.71	1.5	7.13	0.66 Yes	0.8 Primary Over-Voltage
RMT311	740	'3691041_/_3691038'		0.3	2.47	3.33	0.57	0.5	2.37	0.22 Yes	0.3 Primary Over-Voltage
RMT311	741	'3673366_/_3673363_2'		0.27	3.33	3.33	0.57	0.4	2.28	0.22 Yes	0.27 Primary Over-Voltage
RMT311	742	'3684715_/_3684729'		0.7	10	10	1.71	1.2	7.01	0.66 Yes	0.7 Primary Over-Voltage
RMT311	743	'3690660_/_43365376'		0.7	10	10	1.71	1.2	7.01	0.66 Yes	0.7 Primary Over-Voltage
RMT311	744	'3691070_/_3691067'		0.3	2.4	3.33	0.57	0.5	2.35	0.22 Yes	0.3 Primary Over-Voltage
RMT311	745	'3684229_/_3684239'		0.27	3.33	3.33	0.57	0.3	2.28	0.22 Yes	0.27 Primary Over-Voltage
RMT311	746	'3691008_/_3703444_2'		0.27	2.37	3.33	0.57	0.5	2.35	0.22 Yes	0.27 Primary Over-Voltage
RMT311	747	'43365409_/_3690993'		0.27	2.37	3.33	0.57	0.5	2.35	0.22 Yes	0.27 Primary Over-Voltage
RMT311	748	'3692250_/_3692247'		6.67	2.13	6.67	1.14	0.4	4.06	0.44 Yes	0.4 Element Fault
RMT311	749	'3690979_/_3691054'		0.33	2.4	3.33	0.57	0.5	2.33	0.22 Yes	0.33 Primary Over-Voltage
RMT311	750	'57475410_/_57475292'		0.8	7	10	1.71	1.5	7.01	0.66 Yes	0.8 Primary Over-Voltage
RMT311	751	'57475646_/_57475322_1'		0.8	7	10	1.71	1.5	7	0.66 Yes	0.8 Primary Over-Voltage
RMT311	752	'7907906_/_316824104_2'		6.67	2.13	6.67	1.14	0.4	4.05	0.44 Yes	0.4 Element Fault

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RMT311	753	'444333736_/57475322_2'	0.8	7	10	1.71	1.5	6.99	0.66 Yes	0.8	Primary Over-Voltage
RMT311	754	'3684698_/3684712'	0.7	10	10	1.71	1.2	6.92	0.66 Yes	0.7	Primary Over-Voltage
RMT311	755	'3673353_/3673363_1'	0.27	3.33	3.33	0.57	0.3	2.25	0.22 Yes	0.27	Primary Over-Voltage
RMT311	756	'43364943_/43364945'	0.27	3.33	3.33	0.57	0.3	2.25	0.22 Yes	0.27	Primary Over-Voltage
RMT311	757	'3690996_/43365411'	0.27	2.3	3.33	0.57	0.5	2.31	0.22 Yes	0.27	Primary Over-Voltage
RMT311	758	'3690677_/3690674'	0.7	10	10	1.71	1.2	6.88	0.66 Yes	0.7	Primary Over-Voltage
RMT311	759	'3692265_/3692262'	6.67	2.13	6.67	1.14	0.4	3.99	0.44 Yes	0.4	Element Fault
RMT311	760	'43365398_/3690977'	0.33	2.33	3.33	0.57	0.5	2.29	0.22 Yes	0.33	Primary Over-Voltage
RMT311	761	'3684228_/3684226'	0.27	3.33	3.33	0.57	0.3	2.22	0.22 Yes	0.27	Primary Over-Voltage
RMT311	762	'57475414_/444333747'	0.8	6.8	10	1.71	1.5	6.87	0.66 Yes	0.8	Primary Over-Voltage
RMT311	763	'3673109_/3684695'	0.7	9.5	10	1.71	1.2	6.81	0.66 Yes	0.7	Primary Over-Voltage
RMT311	764	'3673340_/3673350'	0.27	3.33	3.33	0.57	0.3	2.21	0.22 Yes	0.27	Primary Over-Voltage
RMT311	765	'43365066_/3673107'	0.6	9.3	10	1.71	1.2	6.78	0.66 Yes	0.6	Primary Over-Voltage
RMT311	766	'3690694_/3690691'	0.6	9.2	10	1.71	1.2	6.76	0.66 Yes	0.6	Primary Over-Voltage
RMT311	767	'3690967_/3690964'	0.27	2.23	3.33	0.57	0.5	2.27	0.22 Yes	0.27	Primary Over-Voltage
RMT311	768	'43365260_/3691006'	0.27	2.23	3.33	0.57	0.5	2.27	0.22 Yes	0.27	Primary Over-Voltage
RMT311	769	'447572770_/430171893_1'	0.27	2.2	3.33	0.57	0.4	2.26	0.22 Yes	0.27	Primary Over-Voltage
RMT311	770	'3690980_/43365400'	0.33	2.27	3.33	0.57	0.5	2.25	0.22 Yes	0.33	Primary Over-Voltage
RMT311	771	'3684658_/3684675'	0.6	9	10	1.71	1.2	6.71	0.66 Yes	0.6	Primary Over-Voltage
RMT311	772	'3692280_/3692277'	6.67	2.13	6.67	1.14	0.4	3.93	0.44 Yes	0.4	Element Fault
RMT311	773	'50843715_/430171893_2'	0.27	2.2	3.33	0.57	0.4	2.25	0.22 Yes	0.27	Primary Over-Voltage
RMT311	774	'57475418_/57475352'	0.7	6.5	10	1.71	1.5	6.74	0.66 Yes	0.7	Primary Over-Voltage
RMT311	775	'3673327_/3673337'	0.27	3.33	3.33	0.57	0.3	2.17	0.22 Yes	0.27	Primary Over-Voltage
RMT311	776	'3690711_/3690708'	0.6	8.6	10	1.71	1.2	6.62	0.66 Yes	0.6	Primary Over-Voltage
RMT311	777	'57475524_/57475382'	0.7	6.3	10	1.71	1.5	6.64	0.66 Yes	0.7	Primary Over-Voltage
RMT311	778	'468023073_/382280679_1'	0.7	6.3	10	1.71	0.9	6.63	0.66 Yes	0.7	Primary Over-Voltage
RMT311	779	'3684638_/3684655'	0.6	8.4	10	1.71	1.2	6.58	0.66 Yes	0.6	Primary Over-Voltage
RMT311	780	'43364154_/3692585'	6.67	2.13	6.67	1.14	0.4	3.86	0.44 Yes	0.4	Element Fault
RMT311	781	'53383257_/43364156_1'	6.67	2.13	6.67	1.14	0.4	3.86	0.44 Yes	0.4	Element Fault
RMT311	782	'3673311_/3673324'	0.23	3.33	3.33	0.57	0.3	2.14	0.22 Yes	0.23	Primary Over-Voltage
RMT311	783	'57475532_/57475440'	0.7	6.3	10	1.71	1.5	6.58	0.66 Yes	0.7	Primary Over-Voltage
RMT311	784	'382280682_/382280679_2'	0.7	6.2	10	1.71	0.9	6.55	0.66 Yes	0.7	Primary Over-Voltage
RMT311	785	'469866130_/469866168'	0.7	6.2	10	1.71	0.9	6.54	0.66 Yes	0.7	Primary Over-Voltage
RMT311	786	'71258429_/57475538'	0.27	2.07	3.33	0.57	0.5	2.18	0.22 Yes	0.27	Primary Over-Voltage
RMT311	787	'3690728_/3690725'	0.6	8	10	1.71	1.2	6.48	0.66 Yes	0.6	Primary Over-Voltage
RMT311	788	'3673421_/3684635'	0.6	8	10	1.71	1.2	6.47	0.66 Yes	0.6	Primary Over-Voltage
RMT311	789	'3673297_/3673308'	0.23	3.33	3.33	0.57	0.3	2.1	0.22 Yes	0.23	Primary Over-Voltage
RMT311	790	'3690184_/57475466'	0.7	6.1	10	1.71	1.5	6.5	0.66 Yes	0.7	Primary Over-Voltage
RMT311	791	'382280702_/382280699'	0.7	6.1	10	1.71	0.9	6.47	0.66 Yes	0.7	Primary Over-Voltage
RMT311	792	'3691870_/43364156_2'	6.67	2.13	6.67	1.14	0.4	3.79	0.44 Yes	0.4	Element Fault
RMT311	793	'44055028_/3690745'	0.6	7.7	10	1.71	1.2	6.37	0.66 Yes	0.6	Primary Over-Voltage
RMT311	794	'3673298_/3673295'	0.23	3.33	3.33	0.57	0.3	2.07	0.22 Yes	0.23	Primary Over-Voltage
RMT311	795	'3673422_/3673419'	0.6	7.6	10	1.71	1.2	6.36	0.66 Yes	0.6	Primary Over-Voltage
RMT311	796	'3690200_/57475492'	0.7	5.9	10	1.71	1.5	6.38	0.66 Yes	0.7	Primary Over-Voltage
RMT311	797	'382280722_/382280719'	0.7	5.9	10	1.71	0.9	6.38	0.66 Yes	0.7	Primary Over-Voltage
RMT311	798	'3702323_/3702338'	0.6	7.4	10	1.71	1.2	6.29	0.66 Yes	0.6	Primary Over-Voltage
RMT311	799	'114287000_/114286989'	0.7	5.8	10	1.71	1.5	6.32	0.66 Yes	0.7	Primary Over-Voltage
RMT311	800	'3690748_/44055030'	0.6	7.3	10	1.71	1.2	6.26	0.66 Yes	0.6	Primary Over-Voltage
RMT311	801	'382280742_/382280739'	0.7	5.8	10	1.71	0.9	6.3	0.66 Yes	0.7	Primary Over-Voltage
RMT311	802	'3691888_/3691885'	6.67	2.13	6.67	1.14	0.4	3.7	0.44 Yes	0.4	Element Fault
RMT311	803	'43365349_/3690210'	0.23	1.9	3.33	0.57	0.5	2.08	0.22 Yes	0.23	Primary Over-Voltage
RMT311	804	'382280762_/382280759'	0.7	5.7	10	1.71	0.9	6.22	0.66 Yes	0.7	Primary Over-Voltage
RMT311	805	'3673438_/3702321'	0.6	7.1	10	1.71	1.2	6.17	0.66 Yes	0.6	Primary Over-Voltage
RMT311	806	'44055041_/3690762'	0.6	7	10	1.71	1.2	6.15	0.66 Yes	0.6	Primary Over-Voltage
RMT311	807	'54276725_/54276722'	0.23	1.87	3.33	0.57	0.5	2.06	0.22 Yes	0.23	Primary Over-Voltage
RMT311	808	'382280782_/382280779'	0.7	5.6	10	1.71	0.9	6.16	0.66 Yes	0.7	Primary Over-Voltage
RMT311	809	'54276792_/54276753_1'	0.23	1.87	3.33	0.57	0.3	2.05	0.22 Yes	0.23	Primary Over-Voltage
RMT311	810	'382280828_/382280825'	0.7	5.6	10	1.71	0.9	6.14	0.66 Yes	0.7	Primary Over-Voltage
RMT311	811	'43365040_/3673436'	0.5	6.9	10	1.71	1.2	6.09	0.66 Yes	0.5	Primary Over-Voltage
RMT311	812	'3690765_/44055043'	0.5	6.7	10	1.71	1.2	6.04	0.66 Yes	0.5	Primary Over-Voltage
RMT311	813	'3691903_/3691900'	6.67	2.13	6.67	1.14	0.4	3.61	0.44 Yes	0.4	Element Fault
RMT311	814	'3673439_/43365042'	0.5	6.7	10	1.71	1.2	6.01	0.66 Yes	0.5	Primary Over-Voltage
RMT311	815	'382280854_/382280851'	0.6	5.4	10	1.71	0.9	6.05	0.66 Yes	0.6	Primary Over-Voltage
RMT311	816	'382280891_/382280888'	0.6	5.4	10	1.71	0.9	6.03	0.66 Yes	0.6	Primary Over-Voltage
RMT311	817	'3690782_/3690779'	0.5	6.5	10	1.71	1.2	5.94	0.66 Yes	0.5	Primary Over-Voltage
RMT311	818	'7588930_/430171904'	0.27	1.8	3.33	0.57	0.4	1.99	0.22 Yes	0.27	Primary Over-Voltage
RMT311	819	'382281006_/382281003'	0.6	5.3	10	1.71	0.9	5.95	0.66 Yes	0.6	Primary Over-Voltage
RMT311	820	'3691921_/3691918'	6.67	2.13	6.67	1.14	0.4	3.53	0.44 Yes	0.4	Element Fault
RMT311	821	'382281026_/382281023'	0.6	5.2	10	1.71	0.9	5.88	0.66 Yes	0.6	Primary Over-Voltage
RMT311	822	'3690799_/3690796'	0.5	6.3	10	1.71	1.2	5.84	0.66 Yes	0.5	Primary Over-Voltage
RMT311	823	'3691936_/3691933'	6.67	2.13	6.67	1.14	0.4	3.5	0.44 Yes	0.4	Element Fault
RMT311	824	'3691979_/3691977'	6.67	2.13	6.67	1.14	0.4	3.5	0.44 Yes	0.4	Element Fault
RMT311	825	'54276756_/54276753_2'	0.23	1.7	3.33	0.57	0.3	1.94	0.22 Yes	0.23	Primary Over-Voltage
RMT311	826	'382281046_/382281043'	0.6	5.1	10	1.71	0.9	5.81	0.66 Yes	0.6	Primary Over-Voltage
RMT311	827	'3690816_/3690813'	0.5	6.1	10	1.71	1.2	5.75	0.66 Yes	0.5	Primary Over-Voltage
RMT311	828	'3692009_/3692561'	6.67	2.13	6.67	1.14	0.4	3.45	0.44 Yes	0.4	Element Fault
RMT311	829	'382281066_/382281063'	0.6	5	10	1.71	0.9	5.74	0.66 Yes	0.6	Primary Over-Voltage
RMT311	830	'3690850_/3690847'	0.5	5.9	10	1.71	1.2	5.66	0.66 Yes	0.5	Primary Over-Voltage
RMT311	831	'382281086_/382281083'	0.6	4.9	10	1.71	0.9	5.69	0.66 Yes	0.6	Primary Over-Voltage
RMT311	832	'382281106_/382281103'	0.6	4.8	10	1.71	0.9	5.62	0.66 Yes	0.6	Primary Over-Voltage
RMT311	833	'3690867_/3690864'	0.5	5.7	10	1.71	1.2	5.58	0.66 Yes	0.5	Primary Over-Voltage
RMT311	834	'3702358_/3702355'	0.2	3.33	3.33	0.57	0.4	1.81	0.22 Yes	0.2	Primary Over-Voltage
RMT311	835	'3690887_/3690884'	0.5	5.6	10	1.71	1.2	5.54	0.66 Yes	0.5	Primary Over-Voltage
RMT311	836	'3690903_/3690918'	0.5	5.5	10	1.71	1.2	5.47	0.66 Yes	0.5	Primary Over-Voltage
RMT311	837	'43366479_/3702371'	0.2	3.33	3.33	0.57	0.4	1.78	0.22 Yes	0.2	Primary Over-Voltage
RMT311	838	'476026168_/3690901'	0.5	5.5	10	1.71	1.2	5.45	0.66 Yes	0.5	Primary Over-Voltage
RMT311	839	'3690832_/476026172'	0.5	5.4	10	1.71	1.2	5.42	0.66 Yes	0.5	Primary Over-Voltage
RMT311	840	'3702374_/43366481'	0.2	3.33	3.33	0.57	0.4	1.76	0.22 Yes	0.2	Primary Over-Voltage
RMT311	841	'3690833_/3690830'	0.4	5.3	10	1.71	1.2	5.35	0.66 Yes	0.4	Primary Over-Voltage
RMT311	842	'3691214_/3691228'	0.4	5.2	10	1.71	1.2	5.29	0.66 Yes	0.4	Primary Over-Voltage
RMT311	843	'3691954_/3691951'	0.33	1.07	3.33	0.57	0.2	1.71	0.22 Yes	0.2	Element Fault
RMT311	844	'3691248_/3691245'	0.4	5.1	10	1.71	1.2	5.23	0.66 Yes	0.4	Primary Over-Voltage
RMT311	845	'43364166_/43364168'	0.3	1.07	3.33	0.57	0.2	1.7	0.22 Yes	0.2	Element Fault
RMT311	846	'3691263_/3691260'	0.4	5	10	1.71	1.2	5.17	0.66 Yes	0.4	Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
				Deviation						VSR (MW)	Limiting Threshold
RMT311	847	'3691996_/_3692006'	0.3	1.07	3.33	0.57	0.2	1.67	0.22 Yes	0.2	Element Fault
RMT311	848	'3691967_/_3691964'	0.3	1.07	3.33	0.57	0.2	1.66	0.22 Yes	0.2	Element Fault
RMT311	849	'3691280_/_3691277'	0.4	4.8	10	1.71	1.2	5.09	0.66 Yes	0.4	Primary Over-Voltage
RMT311	850	'350738193_/_3691297_1'	0.4	4.8	10	1.71	0.9	5.08	0.66 Yes	0.4	Primary Over-Voltage
RMT311	851	'3691995_/_3691993'	0.3	1.07	3.33	0.57	0.2	1.65	0.22 Yes	0.2	Element Fault
RMT311	852	'43365455_/_3691297_2'	0.4	4.8	10	1.71	0.9	5.06	0.66 Yes	0.4	Primary Over-Voltage
RMT311	853	'3691300_/_43365457'	0.4	4.7	10	1.71	0.9	5.02	0.66 Yes	0.4	Primary Over-Voltage
RMT311	854	'473619148_/_473619120_1'	0.17	2.23	3.33	0.57	0.4	1.6	0.22 Yes	0.17	Primary Over-Voltage
RMT311	855	'473619104_/_473619120_2'	0.13	1.93	3.33	0.57	0.4	1.51	0.22 Yes	0.13	Primary Over-Voltage
RMT311	856	'3689872_/_3689869'	10	3.2	10	1.71	0.2	2.43	0.66 Yes	0.2	Element Fault
RMT321	0	'RMT321_/_742302713_1'	10	10	10	3.25	10	10	10 No	3.25	Thermal Discharging
RMT321	1	'724673917_/_742302713_1'	10	10	10	3.25	10	10	0 No	0	Unintentional Islanding
RMT321	2	'693523109_/_742302713_2'	10	10	10	3.25	10	10	0 No	0	Unintentional Islanding
RMT321	3	'693523081_/_693523106'	10	10	10	3.25	10	10	0 No	0	Unintentional Islanding
RMT321	4	'724673994_/_3698318_1'	10	10	10	3.25	10	10	0 No	0	Unintentional Islanding
RMT321	5	'3698320_/_3698318_2'	10	10	10	3.25	10	10	0 No	0	Unintentional Islanding
RMT321	6	'43366201_/_3698372'	10	10	10	3.25	10	10	0 No	0	Unintentional Islanding
RMT321	7	'3698337_/_43366203'	10	10	10	3.25	10	10	0 No	0	Unintentional Islanding
RMT321	8	'53524900_/_3698335'	10	10	10	3.25	10	10	0 No	0	Unintentional Islanding
RMT321	9	'53524971_/_53524946'	10	10	10	3.25	10	10	0 No	0	Unintentional Islanding
RMT321	10	'53525997_/_53524991'	10	10	10	3.25	10	10	0 No	0	Unintentional Islanding
RMT321	11	'53526000_/_53525084'	10	10	10	3.25	10	10	0 No	0	Unintentional Islanding
RMT321	12	'53526009_/_53525263'	10	10	10	3.25	10	10	0 No	0	Unintentional Islanding
RMT321	13	'53526045_/_53525240'	10	10	10	3.25	10	10	0 No	0	Unintentional Islanding
RMT321	14	'53526088_/_53525217'	10	10	10	3.25	10	10	0 No	0	Unintentional Islanding
RMT321	15	'53526129_/_53525172'	10	10	10	3.25	10	10	0 No	0	Unintentional Islanding
RMT321	16	'53526133_/_53526126'	10	10	10	3.25	10	10	0 No	0	Unintentional Islanding
RMT321	17	'53526176_/_53525129'	10	10	10	3.25	10	10	0 No	0	Unintentional Islanding
RMT321	18	'74747013_/_53524875'	10	10	10	3.25	10	10	0 No	0	Unintentional Islanding
RMT321	19	'74747761_/_74747804'	10	10	10	3.25	10	10	0 No	0	Unintentional Islanding
RMT321	20	'53525592_/_53525589'	10	10	10	3.25	10	10	0 No	0	Unintentional Islanding
RMT321	21	'53525567_/_53525564'	10	10	10	3.25	10	10	0 No	0	Unintentional Islanding
RMT321	22	'53525542_/_53525539'	10	10	10	3.25	10	10	0 No	0	Unintentional Islanding
RMT321	23	'3695387_/_318667768'	10	10	10	3.25	10	10	0 No	0	Unintentional Islanding
RMT321	24	'3695404_/_3695401'	10	10	10	3.25	10	10	0 No	0	Unintentional Islanding
RMT321	25	'3695275_/_3695418'	10	10	10	3.25	10	10	0 No	0	Unintentional Islanding
RMT321	26	'3695276_/_3695273'	10	10	10	3.25	10	10	0 No	0	Unintentional Islanding
RMT321	27	'3695293_/_3695290'	10	10	10	3.25	10	10	0 No	0	Unintentional Islanding
RMT321	28	'3693157_/_3695310'	10	10	10	3.25	10	10	0 No	0	Unintentional Islanding
RMT321	29	'3693128_/_3693155'	10	10	10	3.25	10	10	0 No	0	Unintentional Islanding
RMT321	30	'9717970_/_3693172'	10	10	10	3.25	10	10	0 No	0	Unintentional Islanding
RMT321	31	'8454116_/_8454114_1'	10	10	10	3.25	3.7	10	0 No	0	Unintentional Islanding
RMT321	32	'3693175_/_43365658'	10	10	10	3.25	10	10	0 No	0	Unintentional Islanding
RMT321	33	'3693192_/_3693189'	10	10	10	3.25	10	10	0 No	0	Unintentional Islanding
RMT321	34	'43365643_/_3693206'	10	10	10	3.25	10	10	0 No	0	Unintentional Islanding
RMT321	35	'3692885_/_43365645'	10	10	10	3.25	10	10	0 No	0	Unintentional Islanding
RMT321	36	'3692886_/_3692883'	10	10	10	3.25	10	10	0 No	0	Unintentional Islanding
RMT321	37	'3692906_/_3693032'	10	10	10	3.25	10	10	0 No	0	Unintentional Islanding
RMT321	38	'8454117_/_8454114_2'	10	10	10	3.25	3.7	10	0 No	0	Unintentional Islanding
RMT321	39	'3692811_/_3692903'	10	10	10	3.25	10	10	0 No	0	Unintentional Islanding
RMT321	40	'43365562_/_43365564'	10	10	10	3.25	10	10	0 No	0	Unintentional Islanding
RMT321	41	'3692856_/_3692854'	10	10	10	3.25	10	10	0 No	0	Unintentional Islanding
RMT321	42	'3692964_/_3692977'	10	10	10	3.25	10	10	0 No	0	Unintentional Islanding
RMT321	43	'3692951_/_3692961'	10	10	10	3.25	10	10	0 No	0	Unintentional Islanding
RMT321	44	'3692935_/_3692948'	10	10	10	3.25	10	10	0 No	0	Unintentional Islanding
RMT321	45	'3692934_/_3692932'	10	10	10	3.25	10	10	0 No	0	Unintentional Islanding
RMT321	46	'3692993_/_3693003'	10	10	10	3.25	10	10	0 No	0	Unintentional Islanding
RMT321	47	'3692992_/_3692990'	10	10	10	3.25	10	10	0 No	0	Unintentional Islanding
RMT321	48	'3702804_/_3702802'	10	10	10	3.25	10	10	0 No	0	Unintentional Islanding
RMT321	49	'3702820_/_3702874'	10	10	10	3.25	10	10	0 No	0	Unintentional Islanding
RMT321	50	'3702742_/_3702857'	10	10	10	3.25	10	10	0 No	0	Unintentional Islanding
RMT321	51	'3693052_/_3693049_2'	10	10	10	3.25	10	10	0 No	0	Unintentional Islanding
RMT321	52	'69404438_/_3702831_1'	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0	Unintentional Islanding
RMT321	53	'3693051_/_3693049_1'	10	10	10	3.25	10	10	0 No	0	Unintentional Islanding
RMT321	54	'3693068_/_3693086'	10	10	10	3.25	10	10	0 No	0	Unintentional Islanding
RMT321	55	'3702834_/_3702831_2'	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0	Unintentional Islanding
RMT321	56	'3693069_/_3693066'	10	10	10	3.25	10	10	0 No	0	Unintentional Islanding
RMT321	57	'3693905_/_3693926'	10	10	10	3.25	10	10	0 No	0	Unintentional Islanding
RMT321	58	'3693885_/_3693903'	10	10	10	3.25	10	10	0 No	0	Unintentional Islanding
RMT321	59	'3693282_/_3693883'	10	10	10	3.25	10	10	0 No	0	Unintentional Islanding
RMT321	60	'3693283_/_3693280'	10	10	10	3.25	10	10	0 No	0	Unintentional Islanding
RMT321	61	'3695989_/_3696004'	10	10	10	3.25	10	10	0 No	0	Unintentional Islanding
RMT321	62	'3695969_/_3695987'	10	10	10	3.25	10	10	0 No	0	Unintentional Islanding
RMT321	63	'3695949_/_3695967'	10	10	10	3.25	10	10	0 No	0	Unintentional Islanding
RMT321	64	'3695909_/_3695947'	10	10	10	3.25	10	10	0 No	0	Unintentional Islanding
RMT321	65	'3695858_/_3695927'	10	10	10	3.25	10	10	0 No	0	Unintentional Islanding
RMT321	66	'3695892_/_3695907'	10	10	10	3.25	10	10	0 No	0	Unintentional Islanding
RMT321	67	'3695804_/_3695856'	10	10	10	3.25	10	10	0 No	0	Unintentional Islanding
RMT321	68	'3695875_/_3695890'	10	10	10	3.25	10	10	0 No	0	Unintentional Islanding
RMT321	69	'3695805_/_3695802'	10	10	10	3.25	10	10	0 No	0	Unintentional Islanding
RMT321	70	'3695822_/_3695819'	10	10	10	3.25	10	10	0 No	0	Unintentional Islanding
RMT321	71	'760733706_/_760733678_1'	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0	Unintentional Islanding
RMT321	72	'3695767_/_3695839'	10	10	10	3.25	10	10	0 No	0	Unintentional Islanding
RMT321	73	'3695768_/_3695765'	10	10	10	3.25	10	10	0 No	0	Unintentional Islanding
RMT321	74	'3695785_/_3695782'	10	10	10	3.25	10	10	0 No	0	Unintentional Islanding
RMT321	75	'3696024_/_3696021'	10	10	10	3.25	10	10	0 No	0	Unintentional Islanding
RMT321	76	'3696041_/_3696038'	10	10	10	3.25	10	10	0 No	0	Unintentional Islanding
RMT321	77	'760733662_/_760733678_2'	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0	Unintentional Islanding
RMT321	78	'43365695_/_3696596'	10	10	10	3.25	10	10	0 No	0	Unintentional Islanding
RMT321	79	'3696599_/_43365697'	10	10	10	3.25	10	10	0 No	0	Unintentional Islanding
RMT321	80	'43365970_/_3696721'	10	10	10	3.25	10	10	0 No	0	Unintentional Islanding
RMT321	81	'3696724_/_43365972'	10	10	10	3.25	10	10	0 No	0	Unintentional Islanding
RMT321	82	'3696196_/_3696755_1'	10	10	10	3.25	10	10	0 No	0	Unintentional Islanding
RMT321	83	'3696159_/_3696755_2'	10	10	10	3.25	10	10	0 No	0	Unintentional Islanding

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
				Deviation						VSR (MW)	Limiting Threshold
RMT321	84	'3696160_/3696157'		10	10	10	3.25	10	10	0 No	0 Unintentional Islanding
RMT321	85	'3696108_/43365998'		10	10	10	3.25	10	10	0 No	0 Unintentional Islanding
RMT321	86	'3696109_/3696106'		10	10	10	3.25	10	10	0 No	0 Unintentional Islanding
RMT321	87	'760733717_/760733733'	3.33		3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	88	'3696126_/3696123'		10	10	10	3.25	10	10	0 No	0 Unintentional Islanding
RMT321	89	'3696143_/3696140'		10	10	10	3.25	10	10	0 No	0 Unintentional Islanding
RMT321	90	'3696494_/3696509'		10	10	10	3.25	10	10	0 No	0 Unintentional Islanding
RMT321	91	'3696091_/3696492'		10	10	10	3.25	10	10	0 No	0 Unintentional Islanding
RMT321	92	'3696092_/3696089'		10	10	10	3.25	10	10	0 No	0 Unintentional Islanding
RMT321	93	'3696687_/3696704'		10	10	10	3.25	10	10	0 No	0 Unintentional Islanding
RMT321	94	'3696670_/3696684'		10	10	10	3.25	10	10	0 No	0 Unintentional Islanding
RMT321	95	'3696653_/3696667'		10	10	10	3.25	10	10	0 No	0 Unintentional Islanding
RMT321	96	'3696636_/3696650'		10	10	10	3.25	10	10	0 No	0 Unintentional Islanding
RMT321	97	'3696619_/3696633'		10	10	10	3.25	10	10	0 No	0 Unintentional Islanding
RMT321	98	'3696075_/3696616'		10	10	10	3.25	10	10	0 No	0 Unintentional Islanding
RMT321	99	'3696058_/3696072'		10	10	10	3.25	10	10	0 No	0 Unintentional Islanding
RMT321	100	'3694584_/3696055'		10	10	10	3.25	10	10	0 No	0 Unintentional Islanding
RMT321	101	'149260805_/3694581'		10	10	10	3.25	10	10	0 No	0 Unintentional Islanding
RMT321	102	'157755821_/149260803_1'		10	10	10	3.25	3.6	10	0 No	0 Unintentional Islanding
RMT321	103	'239464650_/43365575_1'		10	10	10	3.25	5.9	10	0 No	0 Unintentional Islanding
RMT321	104	'3694533_/3694611'		10	10	10	3.25	10	10	0 No	0 Unintentional Islanding
RMT321	105	'3695674_/3695671'		10	10	10	3.25	10	10	0 No	0 Unintentional Islanding
RMT321	106	'3695691_/3695688'		10	10	10	3.25	10	10	0 No	0 Unintentional Islanding
RMT321	107	'149260806_/149260803_2'		10	10	10	3.25	3.6	10	0 No	0 Unintentional Islanding
RMT321	108	'3695708_/3695705'		10	10	10	3.25	10	10	0 No	0 Unintentional Islanding
RMT321	109	'43365768_/149264230'		10	10	10	3.25	3.6	10	0 No	0 Unintentional Islanding
RMT321	110	'3694427_/3695722'		10	10	10	3.25	10	10	0 No	0 Unintentional Islanding
RMT321	111	'149264250_/737903056'		10	10	10	3.25	3.6	10	0 No	0 Unintentional Islanding
RMT321	112	'390139284_/380638645_1'	3.33		3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	113	'3694428_/3694425'		10	10	10	3.25	10	10	0 No	0 Unintentional Islanding
RMT321	114	'157764512_/43365575_2'		10	10	10	3.25	5.9	10	0 No	0 Unintentional Islanding
RMT321	115	'3694445_/3694442'		10	10	10	3.25	10	10	0 No	0 Unintentional Islanding
RMT321	116	'3694462_/3694459'		10	10	10	3.25	10	10	0 No	0 Unintentional Islanding
RMT321	117	'3694634_/737903074'		10	10	10	3.25	3.6	10	0 No	0 Unintentional Islanding
RMT321	118	'3694478_/3694547'		10	10	10	3.25	10	10	0 No	0 Unintentional Islanding
RMT321	119	'3694479_/3694476'		10	10	10	3.25	10	10	0 No	0 Unintentional Islanding
RMT321	120	'3694496_/3694493'		10	10	10	3.25	10	10	0 No	0 Unintentional Islanding
RMT321	121	'437106715_/437106666_2'	3.33		3.33	3.33	1.08	3.33	3.33	0 No	0 Unintentional Islanding
RMT321	122	'3694516_/3694513'		10	10	10	3.25	10	10	0 No	0 Unintentional Islanding
RMT321	123	'760733749_/760733837'	3.33		3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	124	'3695742_/737903090'		10	10	10	3.25	3.6	10	0 No	0 Unintentional Islanding
RMT321	125	'412425593_/149291835_1'		10	10	10	3.25	2.2	10	0 No	0 Unintentional Islanding
RMT321	126	'157764531_/157764528'		10	10	10	3.25	5.9	10	0 No	0 Unintentional Islanding
RMT321	127	'3245787_/7120942'		10	10	10	3.25	10	10	0 No	0 Unintentional Islanding
RMT321	128	'430018297_/53091273_1'	3.33		3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	129	'3245788_/3245785'		10	10	10	3.25	10	10	0 No	0 Unintentional Islanding
RMT321	130	'760733796_/760733820'	3.33		3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	131	'3245805_/3245802'		10	10	10	3.25	10	10	0 No	0 Unintentional Islanding
RMT321	132	'87352843_/87352852'		10	10	10	3.25	10	10	0 No	0 Unintentional Islanding
RMT321	133	'3245822_/3245819'		10	10	10	3.25	10	10	0 No	0 Unintentional Islanding
RMT321	134	'412425568_/737903110'		10	10	10	3.25	3.6	10	0 No	0 Unintentional Islanding
RMT321	135	'3245839_/3245836'		10	10	10	3.25	10	10	0 No	0 Unintentional Islanding
RMT321	136	'149291817_/149291835_2'		10	10	10	3.25	2.2	10	0 No	0 Unintentional Islanding
RMT321	137	'94749224_/94749221'		10	10	10	3.25	10	10	0 No	0 Unintentional Islanding
RMT321	138	'3246252_/3246266'		10	10	10	3.25	10	10	0 No	0 Unintentional Islanding
RMT321	139	'430017994_/44096969_2'	3.33		3.33	3.33	1.08	3.33	3.33	0 No	0 Unintentional Islanding
RMT321	140	'117340306_/120920015_2'		10	10	10	3.25	10	10	0 No	0 Unintentional Islanding
RMT321	141	'157764550_/157764547'		10	10	10	3.25	5.9	10	0 No	0 Unintentional Islanding
RMT321	142	'3246234_/3246249'		10	10	10	3.25	10	10	0 No	0 Unintentional Islanding
RMT321	143	'3246235_/3246232'		10	10	10	3.25	10	10	0 No	0 Unintentional Islanding
RMT321	144	'380638626_/380638645_2'	3.33		3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	145	'3260554_/3260552'		10	10	10	3.25	10	10	0 No	0 Unintentional Islanding
RMT321	146	'120920004_/120920015_1'		10	10	10	3.25	3.6	10	0 No	0 Unintentional Islanding
RMT321	147	'760733848_/760733864'	3.33		3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	148	'429467782_/9403546_1'	3.33		3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	149	'3260574_/3260572'		10	10	10	3.25	10	10	0 No	0 Unintentional Islanding
RMT321	150	'412425569_/737903130'		10	10	10	3.25	3.6	10	0 No	0 Unintentional Islanding
RMT321	151	'39703598_/44096969_1'	3.33		3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	152	'3260592_/3260606'		10	10	10	3.25	10	10	0 No	0 Unintentional Islanding
RMT321	153	'3260591_/3260589'		10	10	10	3.25	10	10	0 No	0 Unintentional Islanding
RMT321	154	'737903033_/737903150'		10	10	10	3.25	3.6	10	0 No	0 Unintentional Islanding
RMT321	155	'43286287_/43286289'		10	10	10	3.25	10	10	0 No	0 Unintentional Islanding
RMT321	156	'427240972_/437106666_1'	3.33		3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	157	'43286300_/43286302'		10	10	10	3.25	10	10	0 No	0 Unintentional Islanding
RMT321	158	'157764569_/157764566'		10	10	10	3.25	5.9	10	0 No	0 Unintentional Islanding
RMT321	159	'378965474_/378965387_1'	3.33		3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	160	'3261925_/3261923'		10	10	10	3.25	10	10	0 No	0 Unintentional Islanding
RMT321	161	'3261942_/3261940'		10	10	10	3.25	10	10	0 No	0 Unintentional Islanding
RMT321	162	'38884629_/9403546_2'	3.33		3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	163	'3261959_/3261957'		10	10	10	3.25	10	10	0 No	0 Unintentional Islanding
RMT321	164	'412425599_/737903037'		10	10	10	3.25	3.6	10	0 No	0 Unintentional Islanding
RMT321	165	'412425600_/406000625'		10	10	10	3.25	3.6	10	0 No	0 Unintentional Islanding
RMT321	166	'44247823_/43286316'		10	10	10	3.25	10	10	0 No	0 Unintentional Islanding
RMT321	167	'8202040_/8503031_1'	3.33		3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	168	'43286274_/43286276'		10	10	10	3.25	10	10	0 No	0 Unintentional Islanding
RMT321	169	'374444679_/157764585'		10	10	10	3.25	5.9	10	0 No	0 Unintentional Islanding
RMT321	170	'369543778_/369543189_2'	3.33		3.33	3.33	1.08	1.97	3.33	0 No	0 Unintentional Islanding
RMT321	171	'3261872_/3261889'		10	10	10	3.25	10	10	0 No	0 Unintentional Islanding
RMT321	172	'53091266_/53091273_2'	3.33		3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	173	'3260668_/3261869'		10	10	10	3.25	10	10	0 No	0 Unintentional Islanding
RMT321	174	'3252940_/3260665'		10	10	10	3.25	10	10	0 No	0 Unintentional Islanding
RMT321	175	'3252939_/3252937'		10	10	10	3.25	10	10	0 No	0 Unintentional Islanding
RMT321	176	'7567258_/7567256_1'		10	10	10	3.25	3.6	10	0 No	0 Unintentional Islanding
RMT321	177	'7251022_/8503031_2'	3.33		3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RMT321	178	'3252956_/3252954'	10	10	10	3.25	10	10	0 No	0	Unintentional Islanding
RMT321	179	'412425625_/406000643'	10	10	10	3.25	3.6	10	0 No	0	Unintentional Islanding
RMT321	180	'3695628_/406000661'	10	10	10	3.25	3.6	10	0 No	0	Unintentional Islanding
RMT321	181	'3253013_/43285225'	10	10	10	3.25	10	10	0 No	0	Unintentional Islanding
RMT321	182	'65054609_/3251256_2'	10	10	10	3.25	10	10	0 No	0	Unintentional Islanding
RMT321	183	'386979165_/386979108_1'	3.33	3.33	3.33	1.08	0.4	3.33	0 No	0	Unintentional Islanding
RMT321	184	'157764588_/398244859'	10	10	10	3.25	5.9	10	0 No	0	Unintentional Islanding
RMT321	185	'62615514_/62615517'	10	10	10	3.25	10	10	0 No	0	Unintentional Islanding
RMT321	186	'3249267_/3253027'	10	10	10	3.25	10	10	0 No	0	Unintentional Islanding
RMT321	187	'38169051_/44090029'	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0	Unintentional Islanding
RMT321	188	'43285247_/3253141'	10	10	10	3.25	10	10	0 No	0	Unintentional Islanding
RMT321	189	'66557550_/62615551_1'	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0	Unintentional Islanding
RMT321	190	'3253063_/3253124'	10	10	10	3.25	10	10	0 No	0	Unintentional Islanding
RMT321	191	'3253064_/3253061'	10	10	10	3.25	10	10	0 No	0	Unintentional Islanding
RMT321	192	'8512339_/8512337_1'	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0	Unintentional Islanding
RMT321	193	'427240838_/427240937'	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0	Unintentional Islanding
RMT321	194	'3253167_/3253164'	10	10	10	3.25	10	10	0 No	0	Unintentional Islanding
RMT321	195	'7250218_/8512337_2'	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0	Unintentional Islanding
RMT321	196	'3250642_/3253184'	10	10	10	3.25	10	10	0 No	0	Unintentional Islanding
RMT321	197	'7567259_/7567256_2'	10	10	10	3.25	3.6	10	0 No	0	Unintentional Islanding
RMT321	198	'53091297_/53091304'	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0	Unintentional Islanding
RMT321	199	'3253098_/3253108_1'	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0	Unintentional Islanding
RMT321	200	'760733879_/760733895'	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0	Unintentional Islanding
RMT321	201	'412425790_/406000723_1'	10	10	10	3.25	1.4	10	0 No	0	Unintentional Islanding
RMT321	202	'211567195_/3695560'	3.33	3.33	3.33	1.08	1.97	3.33	0 No	0	Unintentional Islanding
RMT321	203	'3250643_/3250640'	10	10	10	3.25	10	10	0 No	0	Unintentional Islanding
RMT321	204	'412425722_/406000723_2'	10	10	10	3.25	1.4	10	0 No	0	Unintentional Islanding
RMT321	205	'40986891_/50930025'	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0	Unintentional Islanding
RMT321	206	'50536088_/3250674'	10	10	10	3.25	10	10	0 No	0	Unintentional Islanding
RMT321	207	'68923131_/50536139_1'	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0	Unintentional Islanding
RMT321	208	'380638696_/380638715'	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0	Unintentional Islanding
RMT321	209	'43285173_/50536090'	10	10	10	3.25	10	10	0 No	0	Unintentional Islanding
RMT321	210	'3252999_/3253108_2'	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0	Unintentional Islanding
RMT321	211	'386979053_/386979108_2'	3.33	3.33	3.33	1.08	0.4	3.33	0 No	0	Unintentional Islanding
RMT321	212	'43285160_/43285175'	10	10	10	3.25	10	10	0 No	0	Unintentional Islanding
RMT321	213	'43285186_/43285162'	10	10	10	3.25	10	10	0 No	0	Unintentional Islanding
RMT321	214	'157764876_/157764873'	10	10	10	3.25	5.9	10	0 No	0	Unintentional Islanding
RMT321	215	'3250625_/43285188'	10	10	10	3.25	10	10	0 No	0	Unintentional Islanding
RMT321	216	'52786742_/52786721_1'	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0	Unintentional Islanding
RMT321	217	'448259843_/447657573'	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0	Unintentional Islanding
RMT321	218	'7567243_/7568318_1'	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0	Unintentional Islanding
RMT321	219	'447657569_/448259858'	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0	Unintentional Islanding
RMT321	220	'3250605_/3250623'	10	10	10	3.25	10	10	0 No	0	Unintentional Islanding
RMT321	221	'3252986_/3252997'	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0	Unintentional Islanding
RMT321	222	'7250202_/7250200_1'	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0	Unintentional Islanding
RMT321	223	'43282629_/3250603'	10	10	10	3.25	10	10	0 No	0	Unintentional Islanding
RMT321	224	'760733910_/760733926'	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0	Unintentional Islanding
RMT321	225	'7250219_/7250216'	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0	Unintentional Islanding
RMT321	226	'3246286_/3246283'	10	10	10	3.25	10	10	0 No	0	Unintentional Islanding
RMT321	227	'43285056_/3246323'	10	10	10	3.25	10	10	0 No	0	Unintentional Islanding
RMT321	228	'3246326_/43285058'	10	10	10	3.25	10	10	0 No	0	Unintentional Islanding
RMT321	229	'7251023_/7251020'	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0	Unintentional Islanding
RMT321	230	'3249395_/3249409_1'	10	10	10	3.25	4.6	10	0 No	0	Unintentional Islanding
RMT321	231	'3233393_/3246340'	10	10	10	3.25	10	10	0 No	0	Unintentional Islanding
RMT321	232	'3249412_/3249409_2'	10	10	10	3.25	4.6	10	0 No	0	Unintentional Islanding
RMT321	233	'86485995_/86486005'	10	10	10	3.25	10	10	0 No	0	Unintentional Islanding
RMT321	234	'43285236_/3252984'	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0	Unintentional Islanding
RMT321	235	'86486561_/86486528'	10	10	10	3.25	10	10	0 No	0	Unintentional Islanding
RMT321	236	'369543170_/369543189_1'	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0	Unintentional Islanding
RMT321	237	'53091328_/53091335'	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0	Unintentional Islanding
RMT321	238	'157764897_/157764894'	10	10	10	3.25	5.9	10	0 No	0	Unintentional Islanding
RMT321	239	'86486593_/86486565'	10	10	10	3.25	10	10	0 No	0	Unintentional Islanding
RMT321	240	'86487626_/102197409_1'	10	10	10	3.25	10	10	0 No	0	Unintentional Islanding
RMT321	241	'102197582_/102197409_2'	10	10	10	3.25	10	10	0 No	0	Unintentional Islanding
RMT321	242	'86487709_/86487659_1'	10	10	10	3.25	5.7	10	0 No	0	Unintentional Islanding
RMT321	243	'447657490_/447657604'	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0	Unintentional Islanding
RMT321	244	'102197602_/102197443'	10	10	10	3.25	10	10	0 No	0	Unintentional Islanding
RMT321	245	'86487770_/102197477'	10	10	10	3.25	10	10	0 No	0	Unintentional Islanding
RMT321	246	'380638743_/380638762'	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0	Unintentional Islanding
RMT321	247	'7568321_/7568318_2'	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0	Unintentional Islanding
RMT321	248	'102197650_/102197706'	10	10	10	3.25	10	10	0 No	0	Unintentional Islanding
RMT321	249	'86487797_/86487727_2'	10	10	10	3.25	10	10	0 No	0	Unintentional Islanding
RMT321	250	'102197651_/422341839'	10	10	10	3.25	10	10	0 No	0	Unintentional Islanding
RMT321	251	'3252974_/43285238'	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0	Unintentional Islanding
RMT321	252	'102197518_/102197521'	10	10	10	3.25	10	10	0 No	0	Unintentional Islanding
RMT321	253	'50536132_/50536139_2'	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0	Unintentional Islanding
RMT321	254	'7506899_/86487659_2'	10	10	10	3.25	5.7	10	0 No	0	Unintentional Islanding
RMT321	255	'760733941_/760733957'	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0	Unintentional Islanding
RMT321	256	'86486810_/86486782'	10	10	10	3.25	10	10	0 No	0	Unintentional Islanding
RMT321	257	'9697577_/9697574'	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0	Unintentional Islanding
RMT321	258	'86486841_/86486813'	10	10	10	3.25	10	10	0 No	0	Unintentional Islanding
RMT321	259	'62615213_/62615551_2'	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0	Unintentional Islanding
RMT321	260	'369543230_/369543249'	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0	Unintentional Islanding
RMT321	261	'157797894_/157797891'	10	10	10	3.25	5.9	10	0 No	0	Unintentional Islanding
RMT321	262	'86486847_/86486844'	10	10	10	3.25	10	10	0 No	0	Unintentional Islanding
RMT321	263	'476362543_/465466938_1'	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0	Unintentional Islanding
RMT321	264	'648570314_/648570285_1'	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0	Unintentional Islanding
RMT321	265	'444346057_/444345933_2'	3.33	3.33	3.33	1.08	1.97	3.33	0 No	0	Unintentional Islanding
RMT321	266	'34632717_/44083443'	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0	Unintentional Islanding
RMT321	267	'53091359_/53091366'	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0	Unintentional Islanding
RMT321	268	'43286473_/3262814'	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0	Unintentional Islanding
RMT321	269	'86486995_/86486967'	10	10	10	3.25	10	10	0 No	0	Unintentional Islanding
RMT321	270	'492610515_/422343110'	10	10	10	3.25	10	10	0 No	0	Unintentional Islanding
RMT321	271	'86487026_/86486998'	10	10	10	3.25	10	10	0 No	0	Unintentional Islanding

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RMT321	272	'40680384_/44107083'		3.33	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	273	'52786714_/52786721_2'		3.33	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	274	'487130406_/422343392_2'		10	10	10	3.25	10	10	0 No	0 Unintentional Islanding
RMT321	275	'380638782_/380638792'		3.33	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	276	'86487057_/86487029'		10	10	10	3.25	10	10	0 No	0 Unintentional Islanding
RMT321	277	'447657447_/447657509'		3.33	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	278	'86487088_/86487060'		10	10	10	3.25	10	10	0 No	0 Unintentional Islanding
RMT321	279	'40979291_/44105562'		3.33	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	280	'422343395_/422343392_1'		10	10	10	3.25	5.7	10	0 No	0 Unintentional Islanding
RMT321	281	'86487119_/86487091'		10	10	10	3.25	10	10	0 No	0 Unintentional Islanding
RMT321	282	'8202665_/9145423'		3.33	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	283	'157797913_/157797910'		10	10	10	3.25	5.9	10	0 No	0 Unintentional Islanding
RMT321	284	'86487150_/86487122'		10	10	10	3.25	10	10	0 No	0 Unintentional Islanding
RMT321	285	'416829403_/416829422'		3.33	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	286	'578862436_/465466954_1'		3.33	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	287	'393046391_/393046349_1'		3.33	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	288	'449559205_/449559187_1'		3.33	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	289	'86487181_/86487153'		10	10	10	3.25	10	10	0 No	0 Unintentional Islanding
RMT321	290	'50536199_/50536206'		3.33	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	291	'3252926_/43286475'		3.33	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	292	'86489211_/3246393_1'		3.33	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	293	'86487187_/86487184'		10	10	10	3.25	10	10	0 No	0 Unintentional Islanding
RMT321	294	'71560281_/71560284'		3.33	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	295	'86487335_/86487307'		10	10	10	3.25	10	10	0 No	0 Unintentional Islanding
RMT321	296	'38883609_/9399338'		10	10	10	3.25	5.7	10	0 No	0 Unintentional Islanding
RMT321	297	'760733972_/760733988'		3.33	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	298	'52786755_/52786762'		3.33	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	299	'86487366_/86487338'		10	10	10	3.25	10	10	0 No	0 Unintentional Islanding
RMT321	300	'422343415_/422343412'		10	10	10	3.25	5.7	10	0 No	0 Unintentional Islanding
RMT321	301	'71957889_/86487369_2'		10	10	10	3.25	10	10	0 No	0 Unintentional Islanding
RMT321	302	'91321447_/3246393_2'		3.33	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	303	'53091390_/53091397'		3.33	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	304	'8769972_/44103722'		3.33	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	305	'427240202_/416829476'		3.33	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	306	'86487397_/86487369_1'		10	10	10	3.25	10	10	0 No	0 Unintentional Islanding
RMT321	307	'724674690_/660450119_1'		10	10	10	3.25	3.6	10	0 No	0 Unintentional Islanding
RMT321	308	'3252927_/3252924'		3.33	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	309	'71560184_/71560324'		3.33	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	310	'39703584_/44096957'		3.33	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	311	'437106608_/447657465'		3.33	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	312	'447657409_/436569253'		3.33	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	313	'427239835_/427240206'		3.33	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	314	'115031275_/86487400'		10	10	10	3.25	10	10	0 No	0 Unintentional Islanding
RMT321	315	'115031292_/86487431'		10	10	10	3.25	10	10	0 No	0 Unintentional Islanding
RMT321	316	'38869699_/44092072'		3.33	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	317	'86489142_/86487462'		10	10	10	3.25	10	10	0 No	0 Unintentional Islanding
RMT321	318	'9084665_/44093328'		10	10	10	3.25	5.7	10	0 No	0 Unintentional Islanding
RMT321	319	'9686260_/86487727_1'		10	10	10	3.25	6	10	0 No	0 Unintentional Islanding
RMT321	320	'3245872_/3245870'		10	10	10	3.25	10	10	0 No	0 Unintentional Islanding
RMT321	321	'86487521_/86487493'		10	10	10	3.25	10	10	0 No	0 Unintentional Islanding
RMT321	322	'9387185_/9387202_1'		10	10	10	3.25	3.6	10	0 No	0 Unintentional Islanding
RMT321	323	'422343435_/422343432'		10	10	10	3.25	5.7	10	0 No	0 Unintentional Islanding
RMT321	324	'50536321_/50536328'		3.33	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	325	'86487527_/86487524'		10	10	10	3.25	10	10	0 No	0 Unintentional Islanding
RMT321	326	'427239870_/427239889'		3.33	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	327	'477984149_/102198229'		10	10	10	3.25	10	10	0 No	0 Unintentional Islanding
RMT321	328	'53091421_/53091428'		3.33	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	329	'416829457_/447657413'		3.33	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	330	'477983962_/477984153'		10	10	10	3.25	10	10	0 No	0 Unintentional Islanding
RMT321	331	'52786786_/52786793'		3.33	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	332	'9387205_/9387202_2'		10	10	10	3.25	3.6	10	0 No	0 Unintentional Islanding
RMT321	333	'157715932_/3246076_2'		10	10	10	3.25	10	10	0 No	0 Unintentional Islanding
RMT321	334	'477984105_/477983966'		10	10	10	3.25	10	10	0 No	0 Unintentional Islanding
RMT321	335	'3246059_/3246076_1'		10	10	10	3.25	10	10	0 No	0 Unintentional Islanding
RMT321	336	'39701773_/9084663'		10	10	10	3.25	5.7	10	0 No	0 Unintentional Islanding
RMT321	337	'760734003_/760734053'		3.33	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	338	'477984034_/477984109'		10	10	10	3.25	10	10	0 No	0 Unintentional Islanding
RMT321	339	'477983923_/477983927'		10	10	10	3.25	10	10	0 No	0 Unintentional Islanding
RMT321	340	'660450103_/660450119_2'		10	10	10	3.25	3.6	10	0 No	0 Unintentional Islanding
RMT321	341	'71560192_/71560229'		3.33	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	342	'153853403_/477984038'		10	10	10	3.25	10	10	0 No	0 Unintentional Islanding
RMT321	343	'153853298_/102198267'		10	10	10	3.25	10	10	0 No	0 Unintentional Islanding
RMT321	344	'63018749_/63018756'		3.33	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	345	'422343455_/422343452'		10	10	10	3.25	5.7	10	0 No	0 Unintentional Islanding
RMT321	346	'153852617_/102198286'		10	10	10	3.25	10	10	0 No	0 Unintentional Islanding
RMT321	347	'49965861_/73781659'		10	10	10	3.25	6	10	0 No	0 Unintentional Islanding
RMT321	348	'405430347_/405430476'		10	10	10	3.25	10	10	0 No	0 Unintentional Islanding
RMT321	349	'3246058_/3246056'		10	10	10	3.25	10	10	0 No	0 Unintentional Islanding
RMT321	350	'449253890_/449559187_2'		3.33	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	351	'126420125_/102198305'		10	10	10	3.25	10	10	0 No	0 Unintentional Islanding
RMT321	352	'8202666_/8202663'		3.33	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	353	'369543277_/369543296'		3.33	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	354	'65094592_/65094565_1'		10	10	10	3.25	3.7	10	0 No	0 Unintentional Islanding
RMT321	355	'126420144_/126420141'		10	10	10	3.25	10	10	0 No	0 Unintentional Islanding
RMT321	356	'38169023_/7822290'		3.33	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	357	'435100258_/435100229_1'		10	10	10	3.25	3.9	10	0 No	0 Unintentional Islanding
RMT321	358	'126420163_/126420160'		10	10	10	3.25	10	10	0 No	0 Unintentional Islanding
RMT321	359	'38850976_/9071627'		10	10	10	3.25	5.7	10	0 No	0 Unintentional Islanding
RMT321	360	'126420182_/126420179'		10	10	10	3.25	10	10	0 No	0 Unintentional Islanding
RMT321	361	'578861447_/393046349_2'		3.33	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	362	'126420201_/126420198'		10	10	10	3.25	10	10	0 No	0 Unintentional Islanding
RMT321	363	'3246149_/3246147'		10	10	10	3.25	10	10	0 No	0 Unintentional Islanding
RMT321	364	'422343475_/422343472'		10	10	10	3.25	5.7	10	0 No	0 Unintentional Islanding
RMT321	365	'126420220_/126420217'		10	10	10	3.25	10	10	0 No	0 Unintentional Islanding

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RMT321	366	'416829521_/416829556'	3.33	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	367	'465466908_/465466938_2'	3.33	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	368	'579596235_/465466954_2'	3.33	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	369	'126420239_/126420236'	10	10	10	10	3.25	10	10	0 No	0 Unintentional Islanding
RMT321	370	'648569625_/648570285_2'	3.33	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	371	'405430348_/405430345'	10	10	10	10	3.25	10	10	0 No	0 Unintentional Islanding
RMT321	372	'318780377_/318780379'	10	10	10	10	3.25	10	10	0 No	0 Unintentional Islanding
RMT321	373	'427240117_/427239967'	3.33	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	374	'318780404_/318780245_1'	10	10	10	10	3.25	2.2	10	0 No	0 Unintentional Islanding
RMT321	375	'126420258_/126420255'	10	10	10	10	3.25	10	10	0 No	0 Unintentional Islanding
RMT321	376	'39476271_/44090521'	10	10	10	10	3.25	5.7	10	0 No	0 Unintentional Islanding
RMT321	377	'52786817_/52786824'	3.33	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	378	'435100210_/435100229_2'	10	10	10	10	3.25	3.9	10	0 No	0 Unintentional Islanding
RMT321	379	'449253851_/449253909'	3.33	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	380	'65094554_/65094565_2'	10	10	10	10	3.25	3.7	10	0 No	0 Unintentional Islanding
RMT321	381	'126420416_/126420413'	10	10	10	10	3.25	10	10	0 No	0 Unintentional Islanding
RMT321	382	'40680370_/430017479'	3.33	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	383	'348866081_/71559526'	3.33	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	384	'3245907_/3246215'	10	10	10	10	3.25	10	10	0 No	0 Unintentional Islanding
RMT321	385	'7250186_/9143785'	3.33	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	386	'348865838_/348866244'	3.33	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	387	'126420435_/126420432'	10	10	10	10	3.25	10	10	0 No	0 Unintentional Islanding
RMT321	388	'348866217_/348866254'	3.33	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	389	'369543331_/369543350'	3.33	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	390	'126420454_/126420451'	10	10	10	10	3.25	10	10	0 No	0 Unintentional Islanding
RMT321	391	'422343495_/422343492'	10	10	10	10	3.25	5.7	10	0 No	0 Unintentional Islanding
RMT321	392	'3245906_/3245904_1'	10	10	10	10	3.25	10	10	0 No	0 Unintentional Islanding
RMT321	393	'153851017_/108119410'	10	10	10	10	3.25	10	10	0 No	0 Unintentional Islanding
RMT321	394	'61697798_/3245904_2'	10	10	10	10	3.25	0.8	10	0 No	0 Unintentional Islanding
RMT321	395	'40466884_/3245904_3'	10	10	10	10	3.25	0.8	10	0 No	0 Unintentional Islanding
RMT321	396	'449253812_/449253870'	3.33	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	397	'369543370_/369543380'	3.33	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	398	'40973617_/7795233'	10	10	10	10	3.25	5.7	10	0 No	0 Unintentional Islanding
RMT321	399	'153851554_/108120148_1'	3.33	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	400	'405430373_/405430370'	10	10	10	10	3.25	10	10	0 No	0 Unintentional Islanding
RMT321	401	'302389010_/108119433'	10	10	10	10	3.25	10	10	0 No	0 Unintentional Islanding
RMT321	402	'62615240_/63018767'	3.33	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	403	'427240078_/427240136'	3.33	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	404	'40667753_/50350725'	10	10	10	10	3.25	5.7	10	0 No	0 Unintentional Islanding
RMT321	405	'3245923_/3245921'	10	10	10	10	3.25	10	10	0 No	0 Unintentional Islanding
RMT321	406	'153850934_/302389028'	10	10	10	10	3.25	10	10	0 No	0 Unintentional Islanding
RMT321	407	'108120113_/108120148_2'	3.33	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	408	'465466965_/465466981'	3.33	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	409	'302389072_/302389064'	10	10	10	10	3.25	10	10	0 No	0 Unintentional Islanding
RMT321	410	'71559515_/348866221'	3.33	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	411	'61698706_/7250184'	3.33	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	412	'416829576_/416829595'	3.33	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	413	'153850924_/3246912_2'	3.33	3.33	3.33	3.33	1.08	2.8	3.33	0 No	0 Unintentional Islanding
RMT321	414	'579595696_/579595712'	3.33	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	415	'52786848_/52786855'	3.33	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	416	'302389096_/302389093'	10	10	10	10	3.25	10	10	0 No	0 Unintentional Islanding
RMT321	417	'3245890_/318780029'	10	10	10	10	3.25	10	10	0 No	0 Unintentional Islanding
RMT321	418	'302389133_/302389125'	10	10	10	10	3.25	10	10	0 No	0 Unintentional Islanding
RMT321	419	'40375064_/430017397'	3.33	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	420	'53091452_/53091459'	3.33	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	421	'422343515_/422343512'	10	10	10	10	3.25	5.7	10	0 No	0 Unintentional Islanding
RMT321	422	'648569663_/648569679'	3.33	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	423	'7566747_/7566764_1'	10	10	10	10	3.25	3.6	10	0 No	0 Unintentional Islanding
RMT321	424	'302389164_/302389156'	10	10	10	10	3.25	10	10	0 No	0 Unintentional Islanding
RMT321	425	'506958390_/378965387_2'	3.33	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	426	'302389198_/302389178'	10	10	10	10	3.25	10	10	0 No	0 Unintentional Islanding
RMT321	427	'385416822_/385416841'	3.33	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	428	'74771433_/74771440'	10	10	10	10	3.25	6	10	0 No	0 Unintentional Islanding
RMT321	429	'405430397_/405430395'	10	10	10	10	3.25	10	10	0 No	0 Unintentional Islanding
RMT321	430	'7141711_/3245938'	10	10	10	10	3.25	10	10	0 No	0 Unintentional Islanding
RMT321	431	'478787270_/7141709_1'	10	10	10	10	3.25	5.6	10	0 No	0 Unintentional Islanding
RMT321	432	'302389227_/302389219'	10	10	10	10	3.25	10	10	0 No	0 Unintentional Islanding
RMT321	433	'71559824_/71559632'	3.33	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	434	'3246807_/302389264'	10	10	10	10	3.25	10	10	0 No	0 Unintentional Islanding
RMT321	435	'3246184_/3246198'	10	10	10	10	3.25	10	10	0 No	0 Unintentional Islanding
RMT321	436	'7566767_/7566764_2'	10	10	10	10	3.25	3.6	10	0 No	0 Unintentional Islanding
RMT321	437	'104552883_/43281682_2'	10	10	10	10	3.25	10	10	0 No	0 Unintentional Islanding
RMT321	438	'506958422_/506958438'	3.33	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	439	'8200835_/8200833_1'	10	10	10	10	3.25	3.6	10	0 No	0 Unintentional Islanding
RMT321	440	'7491408_/9697810'	3.33	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	441	'3246808_/3247154_1'	3.33	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	442	'3247085_/7159878'	10	10	10	10	3.25	10	10	0 No	0 Unintentional Islanding
RMT321	443	'86487557_/50347867_1'	10	10	10	10	3.25	5.7	10	0 No	0 Unintentional Islanding
RMT321	444	'8116791_/8116788'	3.33	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	445	'422343535_/422343532'	10	10	10	10	3.25	5.7	10	0 No	0 Unintentional Islanding
RMT321	446	'62615263_/62615270'	3.33	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	447	'74771456_/74771460'	10	10	10	10	3.25	6	10	0 No	0 Unintentional Islanding
RMT321	448	'3247086_/3247083'	10	10	10	10	3.25	10	10	0 No	0 Unintentional Islanding
RMT321	449	'34632701_/430017427'	3.33	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	450	'3246167_/3246181'	10	10	10	10	3.25	10	10	0 No	0 Unintentional Islanding
RMT321	451	'3247103_/3247100'	10	10	10	10	3.25	10	10	0 No	0 Unintentional Islanding
RMT321	452	'579596325_/579595744'	3.33	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	453	'449253768_/449253831'	3.33	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	454	'465466997_/465467013'	3.33	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	455	'52786884_/52786891'	3.33	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	456	'578861479_/578861495'	3.33	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	457	'405430423_/405430420'	10	10	10	10	3.25	10	10	0 No	0 Unintentional Islanding
RMT321	458	'7141712_/7141709_2'	10	10	10	10	3.25	5.6	10	0 No	0 Unintentional Islanding
RMT321	459	'71559652_/71559672'	3.33	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RMT321	460	'50740707___/614884139_1'		10	10	10	3.25	3.6	10	0 No	0 Unintentional Islanding
RMT321	461	'3247120___/3247117'		10	10	10	3.25	10	10	0 No	0 Unintentional Islanding
RMT321	462	'53091483___/53091490'	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding	0 Unintentional Islanding
RMT321	463	'427240039___/427240097'	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding	0 Unintentional Islanding
RMT321	464	'434903612___/434903631'	10	10	10	3.25	3.9	10	0 No	0 Unintentional Islanding	0 Unintentional Islanding
RMT321	465	'3247140___/3247137'	10	10	10	3.25	10	10	0 No	0 Unintentional Islanding	0 Unintentional Islanding
RMT321	466	'53121157___/318780245_2'	10	10	10	3.25	2.2	10	0 No	0 Unintentional Islanding	0 Unintentional Islanding
RMT321	467	'385416861___/385416880'	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding	0 Unintentional Islanding
RMT321	468	'416829617___/416829636'	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding	0 Unintentional Islanding
RMT321	469	'3286064___/7074239'	10	10	10	3.25	10	10	0 No	0 Unintentional Islanding	0 Unintentional Islanding
RMT321	470	'614884135___/614884139_2'	10	10	10	3.25	3.6	10	0 No	0 Unintentional Islanding	0 Unintentional Islanding
RMT321	471	'648569705___/648569721'	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding	0 Unintentional Islanding
RMT321	472	'422343555___/422343552'	10	10	10	3.25	5.7	10	0 No	0 Unintentional Islanding	0 Unintentional Islanding
RMT321	473	'43281680___/43281682_1'	10	10	10	3.25	8.3	10	0 No	0 Unintentional Islanding	0 Unintentional Islanding
RMT321	474	'62615286___/62615293'	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding	0 Unintentional Islanding
RMT321	475	'436820784___/444345933_1'	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding	0 Unintentional Islanding
RMT321	476	'640380314___/640380330'	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding	0 Unintentional Islanding
RMT321	477	'3286065___/3286062'	10	10	10	3.25	10	10	0 No	0 Unintentional Islanding	0 Unintentional Islanding
RMT321	478	'87667493___/3246164'	10	10	10	3.25	10	10	0 No	0 Unintentional Islanding	0 Unintentional Islanding
RMT321	479	'3246915___/3246912_1'	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding	0 Unintentional Islanding
RMT321	480	'429399872___/449253787'	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding	0 Unintentional Islanding
RMT321	481	'578861521___/578861537'	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding	0 Unintentional Islanding
RMT321	482	'43287019___/3286283'	10	10	10	3.25	10	10	0 No	0 Unintentional Islanding	0 Unintentional Islanding
RMT321	483	'565071876___/380426009'	10	10	10	3.25	6	10	0 No	0 Unintentional Islanding	0 Unintentional Islanding
RMT321	484	'427241418___/427240058'	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding	0 Unintentional Islanding
RMT321	485	'62615309___/62615316'	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding	0 Unintentional Islanding
RMT321	486	'3246981___/3247154_2'	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding	0 Unintentional Islanding
RMT321	487	'87667542___/3246110'	10	10	10	3.25	10	10	0 No	0 Unintentional Islanding	0 Unintentional Islanding
RMT321	488	'39703570___/8451906'	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding	0 Unintentional Islanding
RMT321	489	'3286082___/3286079'	10	10	10	3.25	10	10	0 No	0 Unintentional Islanding	0 Unintentional Islanding
RMT321	490	'648569741___/648569738'	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding	0 Unintentional Islanding
RMT321	491	'465467029___/465467045'	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding	0 Unintentional Islanding
RMT321	492	'103272719___/87667634_1'	10	10	10	3.25	3.6	10	0 No	0 Unintentional Islanding	0 Unintentional Islanding
RMT321	493	'3245346___/405430445'	10	10	10	3.25	10	10	0 No	0 Unintentional Islanding	0 Unintentional Islanding
RMT321	494	'129085619___/129085474_1'	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding	0 Unintentional Islanding
RMT321	495	'8200836___/8200833_2'	10	10	10	3.25	3.6	10	0 No	0 Unintentional Islanding	0 Unintentional Islanding
RMT321	496	'7491409___/7491406'	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding	0 Unintentional Islanding
RMT321	497	'474011337___/7159410_1'	10	10	10	3.25	8.2	10	0 No	0 Unintentional Islanding	0 Unintentional Islanding
RMT321	498	'3286099___/3286096'	10	10	10	3.25	10	10	0 No	0 Unintentional Islanding	0 Unintentional Islanding
RMT321	499	'565071902___/565071874'	10	10	10	3.25	6	10	0 No	0 Unintentional Islanding	0 Unintentional Islanding
RMT321	500	'465467065___/465467062'	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding	0 Unintentional Islanding
RMT321	501	'53121111___/614884200'	10	10	10	3.25	3.6	10	0 No	0 Unintentional Islanding	0 Unintentional Islanding
RMT321	502	'3286116___/3286113'	10	10	10	3.25	10	10	0 No	0 Unintentional Islanding	0 Unintentional Islanding
RMT321	503	'87667487___/87667553'	10	10	10	3.25	10	10	0 No	0 Unintentional Islanding	0 Unintentional Islanding
RMT321	504	'52052841___/52052808'	10	10	10	3.25	10	10	0 No	0 Unintentional Islanding	0 Unintentional Islanding
RMT321	505	'111232382___/129085474_2'	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding	0 Unintentional Islanding
RMT321	506	'422343575___/422343572'	10	10	10	3.25	5.7	10	0 No	0 Unintentional Islanding	0 Unintentional Islanding
RMT321	507	'52052892___/52052866_1'	10	10	10	3.25	3.6	10	0 No	0 Unintentional Islanding	0 Unintentional Islanding
RMT321	508	'688552360___/651952625'	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding	0 Unintentional Islanding
RMT321	509	'3286133___/3286130'	10	10	10	3.25	10	10	0 No	0 Unintentional Islanding	0 Unintentional Islanding
RMT321	510	'427240803___/416829690'	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding	0 Unintentional Islanding
RMT321	511	'52786915___/52786922'	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding	0 Unintentional Islanding
RMT321	512	'7878637___/8201311'	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding	0 Unintentional Islanding
RMT321	513	'640382150___/506958630'	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding	0 Unintentional Islanding
RMT321	514	'405053830___/565071906'	10	10	10	3.25	6	10	0 No	0 Unintentional Islanding	0 Unintentional Islanding
RMT321	515	'411792575___/7159410_2'	10	10	10	3.25	8.2	10	0 No	0 Unintentional Islanding	0 Unintentional Islanding
RMT321	516	'411792585___/3246476'	10	10	10	3.25	8.2	10	0 No	0 Unintentional Islanding	0 Unintentional Islanding
RMT321	517	'411792595___/7159470'	10	10	10	3.25	8.2	10	0 No	0 Unintentional Islanding	0 Unintentional Islanding
RMT321	518	'660102646___/640381474'	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding	0 Unintentional Islanding
RMT321	519	'436820862___/436820872'	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding	0 Unintentional Islanding
RMT321	520	'87667481___/3262702'	10	10	10	3.25	10	10	0 No	0 Unintentional Islanding	0 Unintentional Islanding
RMT321	521	'3286150___/3286147'	10	10	10	3.25	10	10	0 No	0 Unintentional Islanding	0 Unintentional Islanding
RMT321	522	'53091514___/53091521'	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding	0 Unintentional Islanding
RMT321	523	'43281693___/7160333'	10	10	10	3.25	8.3	10	0 No	0 Unintentional Islanding	0 Unintentional Islanding
RMT321	524	'427240904___/427240807'	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding	0 Unintentional Islanding
RMT321	525	'614884007___/614884011'	10	10	10	3.25	3.6	10	0 No	0 Unintentional Islanding	0 Unintentional Islanding
RMT321	526	'87667637___/87667634_2'	10	10	10	3.25	3.6	10	0 No	0 Unintentional Islanding	0 Unintentional Islanding
RMT321	527	'688552390___/688552406'	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding	0 Unintentional Islanding
RMT321	528	'52052859___/52052866_2'	10	10	10	3.25	3.6	10	0 No	0 Unintentional Islanding	0 Unintentional Islanding
RMT321	529	'3286167___/3286164'	10	10	10	3.25	10	10	0 No	0 Unintentional Islanding	0 Unintentional Islanding
RMT321	530	'9380511___/614884107'	10	10	10	3.25	3.6	10	0 No	0 Unintentional Islanding	0 Unintentional Islanding
RMT321	531	'43282344___/3246547'	10	10	10	3.25	8.2	10	0 No	0 Unintentional Islanding	0 Unintentional Islanding
RMT321	532	'103272731___/87667752_1'	10	10	10	3.25	2.2	10	0 No	0 Unintentional Islanding	0 Unintentional Islanding
RMT321	533	'579595813___/579595829'	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding	0 Unintentional Islanding
RMT321	534	'3246096___/3262722'	10	10	10	3.25	10	10	0 No	0 Unintentional Islanding	0 Unintentional Islanding
RMT321	535	'380425990___/405053860'	10	10	10	3.25	6	10	0 No	0 Unintentional Islanding	0 Unintentional Islanding
RMT321	536	'381081428___/381081447'	10	10	10	3.25	6	10	0 No	0 Unintentional Islanding	0 Unintentional Islanding
RMT321	537	'3282684___/3286181'	10	10	10	3.25	10	10	0 No	0 Unintentional Islanding	0 Unintentional Islanding
RMT321	538	'640380356___/640380372'	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding	0 Unintentional Islanding
RMT321	539	'3245362___/7159430'	10	10	10	3.25	8.2	10	0 No	0 Unintentional Islanding	0 Unintentional Islanding
RMT321	540	'50536982___/62615342'	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding	0 Unintentional Islanding
RMT321	541	'429883182___/3245360'	10	10	10	3.25	8.2	10	0 No	0 Unintentional Islanding	0 Unintentional Islanding
RMT321	542	'129085640___/43287010_1'	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding	0 Unintentional Islanding
RMT321	543	'444345873___/444345922'	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding	0 Unintentional Islanding
RMT321	544	'3282685___/3282682'	10	10	10	3.25	10	10	0 No	0 Unintentional Islanding	0 Unintentional Islanding
RMT321	545	'410544411___/410544408'	10	10	10	3.25	5.7	10	0 No	0 Unintentional Islanding	0 Unintentional Islanding
RMT321	546	'385416900___/385416919'	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding	0 Unintentional Islanding
RMT321	547	'111232307___/43287010_2'	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding	0 Unintentional Islanding
RMT321	548	'129084044___/3282718'	10	10	10	3.25	10	10	0 No	0 Unintentional Islanding	0 Unintentional Islanding
RMT321	549	'431740144___/427240908'	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding	0 Unintentional Islanding
RMT321	550	'273701067___/129084042_1'	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding	0 Unintentional Islanding
RMT321	551	'3246982___/3246979'	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding	0 Unintentional Islanding
RMT321	552	'567515299___/3246093'	10	10	10	3.25	10	10	0 No	0 Unintentional Islanding	0 Unintentional Islanding
RMT321	553	'50536953___/50536984'	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding	0 Unintentional Islanding

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RMT321	554	'381081475_/381081485'	10	10	10	3.25	6	10	0 No	0	Unintentional Islanding
RMT321	555	'3286200_/43290890'	10	10	10	3.25	10	10	0 No	0	Unintentional Islanding
RMT321	556	'9144803_/9145531'	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0	Unintentional Islanding
RMT321	557	'578861553_/578861569'	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0	Unintentional Islanding
RMT321	558	'647716141_/567515405_1'	10	10	10	3.25	3.6	10	0 No	0	Unintentional Islanding
RMT321	559	'3286201_/3286198'	10	10	10	3.25	10	10	0 No	0	Unintentional Islanding
RMT321	560	'3245363_/429883190'	10	10	10	3.25	8.2	10	0 No	0	Unintentional Islanding
RMT321	561	'129085654_/129084042_2'	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0	Unintentional Islanding
RMT321	562	'57639183_/567515305'	10	10	10	3.25	10	10	0 No	0	Unintentional Islanding
RMT321	563	'439661822_/439661841'	10	10	10	3.25	3.9	10	0 No	0	Unintentional Islanding
RMT321	564	'688552767_/688552783'	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0	Unintentional Islanding
RMT321	565	'3286218_/3286215'	10	10	10	3.25	10	10	0 No	0	Unintentional Islanding
RMT321	566	'579595845_/579595861'	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0	Unintentional Islanding
RMT321	567	'3246965_/7160296'	10	10	10	3.25	8.3	10	0 No	0	Unintentional Islanding
RMT321	568	'432203271_/432203694'	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0	Unintentional Islanding
RMT321	569	'506958681_/506958711'	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0	Unintentional Islanding
RMT321	570	'3286235_/3286232'	10	10	10	3.25	10	10	0 No	0	Unintentional Islanding
RMT321	571	'410544431_/410544428'	10	10	10	3.25	5.7	10	0 No	0	Unintentional Islanding
RMT321	572	'688552799_/688552815'	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0	Unintentional Islanding
RMT321	573	'3286252_/3286249'	10	10	10	3.25	10	10	0 No	0	Unintentional Islanding
RMT321	574	'760734134_/760734162'	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0	Unintentional Islanding
RMT321	575	'3286329_/3286326'	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0	Unintentional Islanding
RMT321	576	'567515408_/567515405_2'	10	10	10	3.25	3.6	10	0 No	0	Unintentional Islanding
RMT321	577	'3286269_/3286266'	10	10	10	3.25	10	10	0 No	0	Unintentional Islanding
RMT321	578	'526421102_/3286303'	10	10	10	3.25	10	10	0 No	0	Unintentional Islanding
RMT321	579	'526421390_/526421144_1'	10	10	10	3.25	3.9	10	0 No	0	Unintentional Islanding
RMT321	580	'87667741_/87667752_2'	10	10	10	3.25	2.2	10	0 No	0	Unintentional Islanding
RMT321	581	'578861595_/578861611'	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0	Unintentional Islanding
RMT321	582	'57639193_/3245853'	10	10	10	3.25	10	10	0 No	0	Unintentional Islanding
RMT321	583	'444345752_/444345892'	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0	Unintentional Islanding
RMT321	584	'385416954_/383870419'	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0	Unintentional Islanding
RMT321	585	'526421147_/526421144_2'	10	10	10	3.25	3.9	10	0 No	0	Unintentional Islanding
RMT321	586	'621154852_/526421169_1'	10	10	10	3.25	3.9	10	0 No	0	Unintentional Islanding
RMT321	587	'3271939_/526421106'	10	10	10	3.25	10	10	0 No	0	Unintentional Islanding
RMT321	588	'436569287_/416829735'	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0	Unintentional Islanding
RMT321	589	'760734095_/728923506'	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0	Unintentional Islanding
RMT321	590	'760734065_/760734123'	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0	Unintentional Islanding
RMT321	591	'3266490_/3271937'	10	10	10	3.25	10	10	0 No	0	Unintentional Islanding
RMT321	592	'526421172_/526421169_2'	10	10	10	3.25	3.9	10	0 No	0	Unintentional Islanding
RMT321	593	'614884040_/614884118'	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0	Unintentional Islanding
RMT321	594	'3245380_/3245377'	10	10	10	3.25	8.2	10	0 No	0	Unintentional Islanding
RMT321	595	'578861627_/578861643'	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0	Unintentional Islanding
RMT321	596	'7558816_/7878635'	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0	Unintentional Islanding
RMT321	597	'8503017_/9144801'	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0	Unintentional Islanding
RMT321	598	'3266491_/3266488'	10	10	10	3.25	10	10	0 No	0	Unintentional Islanding
RMT321	599	'129085747_/273700625_2'	3.33	3.33	3.33	1.08	2.8	3.33	0 No	0	Unintentional Islanding
RMT321	600	'50536562_/50536569'	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0	Unintentional Islanding
RMT321	601	'526421200_/526421197'	10	10	10	3.25	3.9	10	0 No	0	Unintentional Islanding
RMT321	602	'432203213_/432203290'	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0	Unintentional Islanding
RMT321	603	'410544451_/410544448'	10	10	10	3.25	5.7	10	0 No	0	Unintentional Islanding
RMT321	604	'3246129_/3246127'	10	10	10	3.25	10	10	0 No	0	Unintentional Islanding
RMT321	605	'3266508_/3266505'	10	10	10	3.25	10	10	0 No	0	Unintentional Islanding
RMT321	606	'111231998_/273700625_1'	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0	Unintentional Islanding
RMT321	607	'57639072_/3249193_2'	10	10	10	3.25	10	10	0 No	0	Unintentional Islanding
RMT321	608	'3246995_/3246992'	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0	Unintentional Islanding
RMT321	609	'579595904_/579595901'	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0	Unintentional Islanding
RMT321	610	'3246948_/3246962'	10	10	10	3.25	8.3	10	0 No	0	Unintentional Islanding
RMT321	611	'728923586_/728923600'	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0	Unintentional Islanding
RMT321	612	'526421230_/526421227'	10	10	10	3.25	3.9	10	0 No	0	Unintentional Islanding
RMT321	613	'640380436_/640380466'	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0	Unintentional Islanding
RMT321	614	'3266525_/3266522'	10	10	10	3.25	10	10	0 No	0	Unintentional Islanding
RMT321	615	'567515426_/567515423'	10	10	10	3.25	3.6	10	0 No	0	Unintentional Islanding
RMT321	616	'273700986_/111231894_1'	6.67	6.67	6.67	2.16	2.4	6.67	0 No	0	Unintentional Islanding
RMT321	617	'57639116_/9143279_2'	10	10	10	3.25	10	10	0 No	0	Unintentional Islanding
RMT321	618	'526421255_/526421252'	10	10	10	3.25	3.9	10	0 No	0	Unintentional Islanding
RMT321	619	'3266542_/3266539'	10	10	10	3.25	10	10	0 No	0	Unintentional Islanding
RMT321	620	'760734173_/760734069'	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0	Unintentional Islanding
RMT321	621	'50536840_/50536960'	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0	Unintentional Islanding
RMT321	622	'447657628_/447657647'	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0	Unintentional Islanding
RMT321	623	'3245397_/3245394'	10	10	10	3.25	8.2	10	0 No	0	Unintentional Islanding
RMT321	624	'526421280_/526421277'	10	10	10	3.25	3.9	10	0 No	0	Unintentional Islanding
RMT321	625	'3266559_/3266556'	10	10	10	3.25	10	10	0 No	0	Unintentional Islanding
RMT321	626	'526421347_/526421311_1'	10	10	10	3.25	2.4	10	0 No	0	Unintentional Islanding
RMT321	627	'52786946_/52786953'	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0	Unintentional Islanding
RMT321	628	'3266576_/3266573'	10	10	10	3.25	10	10	0 No	0	Unintentional Islanding
RMT321	629	'506958651_/506958697'	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0	Unintentional Islanding
RMT321	630	'688552831_/688552859'	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0	Unintentional Islanding
RMT321	631	'526421295_/526421311_2'	10	10	10	3.25	2.4	10	0 No	0	Unintentional Islanding
RMT321	632	'728923490_/760734099'	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0	Unintentional Islanding
RMT321	633	'640380970_/640380986'	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0	Unintentional Islanding
RMT321	634	'410544471_/410544468'	10	10	10	3.25	5.7	10	0 No	0	Unintentional Islanding
RMT321	635	'3266593_/3266590'	10	10	10	3.25	10	10	0 No	0	Unintentional Islanding
RMT321	636	'52786977_/52786984'	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0	Unintentional Islanding
RMT321	637	'50536670_/50536677'	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0	Unintentional Islanding
RMT321	638	'49461796_/49461781'	3.33	3.33	3.33	1.08	2.73	3.33	0 No	0	Unintentional Islanding
RMT321	639	'124938233_/614884044'	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0	Unintentional Islanding
RMT321	640	'43282318_/3249193_1'	10	10	10	3.25	10	10	0 No	0	Unintentional Islanding
RMT321	641	'8202577_/8503015'	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0	Unintentional Islanding
RMT321	642	'3266609_/3266937'	10	10	10	3.25	10	10	0 No	0	Unintentional Islanding
RMT321	643	'7558815_/7558813'	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0	Unintentional Islanding
RMT321	644	'525885112_/525884973_1'	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0	Unintentional Islanding
RMT321	645	'432202983_/383870466'	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0	Unintentional Islanding
RMT321	646	'567515444_/567515441'	10	10	10	3.25	3.6	10	0 No	0	Unintentional Islanding
RMT321	647	'57639071_/9143279_1'	10	10	10	3.25	3.6	10	0 No	0	Unintentional Islanding

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RMT321	648	'3272311_/3272308'	3.33	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	649	'3266610_/3266607'	10	10	10	10	3.25	10	10	0 No	0 Unintentional Islanding
RMT321	650	'3246931_/3246945'	10	10	10	10	3.25	8.3	10	0 No	0 Unintentional Islanding
RMT321	651	'525884976_/525884973_2'	3.33	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	652	'578861669_/578861685'	3.33	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	653	'640381012_/640381009'	3.33	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	654	'56690954_/506958655'	3.33	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	655	'3266627_/3266624'	10	10	10	10	3.25	10	10	0 No	0 Unintentional Islanding
RMT321	656	'525885122_/525885046_1'	3.33	3.33	3.33	3.33	1.08	0.7	3.33	0 No	0 Unintentional Islanding
RMT321	657	'640380394_/640380452'	3.33	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	658	'432203159_/432203232'	3.33	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	659	'3266906_/111231894_2'	6.67	6.67	6.67	6.67	2.16	2.4	6.67	0 No	0 Unintentional Islanding
RMT321	660	'760734203_/760734219'	3.33	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	661	'3266644_/3266641'	10	10	10	10	3.25	10	10	0 No	0 Unintentional Islanding
RMT321	662	'466947398_/468098768_1'	3.33	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	663	'34635227_/49461793'	3.33	3.33	3.33	3.33	1.08	2.73	3.33	0 No	0 Unintentional Islanding
RMT321	664	'3245414_/3245411'	10	10	10	10	3.25	8.2	10	0 No	0 Unintentional Islanding
RMT321	665	'50536754_/50536847'	3.33	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	666	'3266661_/3266658'	10	10	10	10	3.25	10	10	0 No	0 Unintentional Islanding
RMT321	667	'43282304_/43282306'	10	10	10	10	3.25	10	10	0 No	0 Unintentional Islanding
RMT321	668	'728923522_/728923538'	3.33	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	669	'651952601_/688552835'	3.33	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	670	'428965219_/429638305_1'	10	10	10	10	3.25	3.9	10	0 No	0 Unintentional Islanding
RMT321	671	'410544571_/410544568'	10	10	10	10	3.25	5.7	10	0 No	0 Unintentional Islanding
RMT321	672	'443936543_/439815042'	10	10	10	10	3.25	3.9	10	0 No	0 Unintentional Islanding
RMT321	673	'468098771_/468098768_2'	3.33	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	674	'487130126_/487130123'	10	10	10	10	3.25	5.7	10	0 No	0 Unintentional Islanding
RMT321	675	'466947408_/468098829_1'	3.33	3.33	3.33	3.33	1.08	0.7	3.33	0 No	0 Unintentional Islanding
RMT321	676	'696399756_/696399772'	3.33	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	677	'3266678_/3266675'	10	10	10	10	3.25	10	10	0 No	0 Unintentional Islanding
RMT321	678	'3247008_/3247005'	3.33	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	679	'443936464_/443936584'	10	10	10	10	3.25	3.9	10	0 No	0 Unintentional Islanding
RMT321	680	'443936463_/443936461'	10	10	10	10	3.25	3.9	10	0 No	0 Unintentional Islanding
RMT321	681	'443936480_/443936477'	10	10	10	10	3.25	3.9	10	0 No	0 Unintentional Islanding
RMT321	682	'443936472_/443936469'	10	10	10	10	3.25	3.9	10	0 No	0 Unintentional Islanding
RMT321	683	'461766070_/443936485'	10	10	10	10	3.25	3.9	10	0 No	0 Unintentional Islanding
RMT321	684	'651952641_/651952657'	3.33	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	685	'443936614_/443936655'	10	10	10	10	3.25	3.9	10	0 No	0 Unintentional Islanding
RMT321	686	'43286533_/43286535'	10	10	10	10	3.25	10	10	0 No	0 Unintentional Islanding
RMT321	687	'567515462_/567515459'	10	10	10	10	3.25	3.6	10	0 No	0 Unintentional Islanding
RMT321	688	'3266695_/3266692'	10	10	10	10	3.25	10	10	0 No	0 Unintentional Islanding
RMT321	689	'439815023_/440112126'	10	10	10	10	3.25	3.9	10	0 No	0 Unintentional Islanding
RMT321	690	'383870501_/432203178'	3.33	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	691	'8830764_/8830762'	3.33	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	692	'447657667_/447657686'	3.33	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	693	'3266712_/3266709'	10	10	10	10	3.25	10	10	0 No	0 Unintentional Islanding
RMT321	694	'129085779_/43287082_1'	3.33	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	695	'696399788_/696399804'	3.33	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	696	'111233459_/43287082_2'	3.33	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	697	'43287032_/3266729'	10	10	10	10	3.25	10	10	0 No	0 Unintentional Islanding
RMT321	698	'129085818_/129083993_1'	3.33	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	699	'43281719_/43281721'	10	10	10	10	3.25	8.3	10	0 No	0 Unintentional Islanding
RMT321	700	'3266754_/3266751'	10	10	10	10	3.25	10	10	0 No	0 Unintentional Islanding
RMT321	701	'432203018_/432203037'	3.33	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	702	'410544591_/410544588'	10	10	10	10	3.25	5.7	10	0 No	0 Unintentional Islanding
RMT321	703	'568972476_/640380410'	3.33	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	704	'43286519_/43286521'	10	10	10	10	3.25	10	10	0 No	0 Unintentional Islanding
RMT321	705	'525885030_/525885046_2'	3.33	3.33	3.33	3.33	1.08	0.7	3.33	0 No	0 Unintentional Islanding
RMT321	706	'3245431_/3245428'	10	10	10	10	3.25	8.2	10	0 No	0 Unintentional Islanding
RMT321	707	'129085787_/129083993_2'	3.33	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	708	'487130144_/487130141'	10	10	10	10	3.25	5.7	10	0 No	0 Unintentional Islanding
RMT321	709	'383870447_/383870511'	3.33	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	710	'3266771_/3266768'	10	10	10	10	3.25	10	10	0 No	0 Unintentional Islanding
RMT321	711	'65294692_/65294695_1'	3.33	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	712	'8202578_/8202575'	3.33	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	713	'3266788_/3266785'	10	10	10	10	3.25	10	10	0 No	0 Unintentional Islanding
RMT321	714	'567515480_/567515477'	10	10	10	10	3.25	3.6	10	0 No	0 Unintentional Islanding
RMT321	715	'728923554_/728923570'	3.33	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	716	'3266805_/3266802'	10	10	10	10	3.25	10	10	0 No	0 Unintentional Islanding
RMT321	717	'9143756_/9143769'	3.33	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	718	'568972444_/568972484'	3.33	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	719	'651952683_/651952699'	3.33	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	720	'3266822_/3266819'	10	10	10	10	3.25	10	10	0 No	0 Unintentional Islanding
RMT321	721	'3261024_/3261022'	10	10	10	10	3.25	10	10	0 No	0 Unintentional Islanding
RMT321	722	'440112107_/443936618'	10	10	10	10	3.25	3.9	10	0 No	0 Unintentional Islanding
RMT321	723	'760734235_/760734251'	3.33	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	724	'36455287_/50929985'	3.33	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	725	'3266839_/3266836'	10	10	10	10	3.25	10	10	0 No	0 Unintentional Islanding
RMT321	726	'43285108_/43285110'	10	10	10	10	3.25	10	10	0 No	0 Unintentional Islanding
RMT321	727	'3247021_/3247018'	3.33	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	728	'53091542_/53091544'	3.33	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	729	'410544611_/410544608'	10	10	10	10	3.25	5.7	10	0 No	0 Unintentional Islanding
RMT321	730	'487130277_/487130159_1'	10	10	10	10	3.25	5.7	10	0 No	0 Unintentional Islanding
RMT321	731	'487130162_/487130159_2'	10	10	10	10	3.25	5.7	10	0 No	0 Unintentional Islanding
RMT321	732	'43281706_/43281708'	10	10	10	10	3.25	8.3	10	0 No	0 Unintentional Islanding
RMT321	733	'43285147_/43285149'	10	10	10	10	3.25	10	10	0 No	0 Unintentional Islanding
RMT321	734	'437106573_/447657719'	3.33	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	735	'3260988_/3261073'	10	10	10	10	3.25	10	10	0 No	0 Unintentional Islanding
RMT321	736	'567515498_/567515495'	10	10	10	10	3.25	3.6	10	0 No	0 Unintentional Islanding
RMT321	737	'636169915_/636169855_1'	10	10	10	10	3.25	3.6	10	0 No	0 Unintentional Islanding
RMT321	738	'43285134_/43285136'	10	10	10	10	3.25	10	10	0 No	0 Unintentional Islanding
RMT321	739	'432203057_/432203076'	3.33	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	740	'3250589_/3260985'	10	10	10	10	3.25	10	10	0 No	0 Unintentional Islanding
RMT321	741	'696399830_/696399846'	3.33	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RMT321	742	'7567223_/_8512421_1'		10	10	10	3.25	3.6	10	0 No	0 Unintentional Islanding
RMT321	743	'454254884_/_451277251_1'		3.33	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	744	'636169839_/_636169855_2'		10	10	10	3.25	3.6	10	0 No	0 Unintentional Islanding
RMT321	745	'454570679_/_432203115_1'		3.33	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	746	'3246587_/_3246584'		10	10	10	3.25	8.2	10	0 No	0 Unintentional Islanding
RMT321	747	'3250588_/_3250586'		10	10	10	3.25	10	10	0 No	0 Unintentional Islanding
RMT321	748	'651952715_/_651952731'		3.33	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	749	'43285121_/_3261056'		10	10	10	3.25	10	10	0 No	0 Unintentional Islanding
RMT321	750	'432203096_/_432203146'		3.33	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	751	'56689812_/_56690958'		3.33	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	752	'3261005_/_44069189_2'		10	10	10	3.25	10	10	0 No	0 Unintentional Islanding
RMT321	753	'760734267_/_760734283'		3.33	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	754	'3250572_/_3253812'		10	10	10	3.25	10	10	0 No	0 Unintentional Islanding
RMT321	755	'3272327_/_3272324'		3.33	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	756	'651952747_/_651952763'		3.33	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	757	'410544683_/_410544680'		10	10	10	3.25	5.7	10	0 No	0 Unintentional Islanding
RMT321	758	'8503083_/_8503081_1'		3.33	3.33	3.33	1.08	1.9	3.33	0 No	0 Unintentional Islanding
RMT321	759	'590977330_/_590977334'		10	10	10	3.25	10	10	0 No	0 Unintentional Islanding
RMT321	760	'590977456_/_590977440_1'		10	10	10	3.25	3.6	10	0 No	0 Unintentional Islanding
RMT321	761	'3250555_/_3250569'		10	10	10	3.25	10	10	0 No	0 Unintentional Islanding
RMT321	762	'8503084_/_8503081_2'		3.33	3.33	3.33	1.08	1.9	3.33	0 No	0 Unintentional Islanding
RMT321	763	'3250538_/_3250552'		10	10	10	3.25	10	10	0 No	0 Unintentional Islanding
RMT321	764	'8201297_/_8201295_1'		3.33	3.33	3.33	1.08	1.9	3.33	0 No	0 Unintentional Islanding
RMT321	765	'44069187_/_44069189_1'		10	10	10	3.25	5.7	10	0 No	0 Unintentional Islanding
RMT321	766	'567515516_/_567515513'		10	10	10	3.25	3.6	10	0 No	0 Unintentional Islanding
RMT321	767	'3229914_/_3229928'		10	10	10	3.25	8.3	10	0 No	0 Unintentional Islanding
RMT321	768	'44935497_/_3250535'		10	10	10	3.25	10	10	0 No	0 Unintentional Islanding
RMT321	769	'8829857_/_9143753'		3.33	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	770	'88886951_/_88886829_1'		10	10	10	3.25	2.2	10	0 No	0 Unintentional Islanding
RMT321	771	'444345648_/_444345771'		3.33	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	772	'8201298_/_8201295_2'		3.33	3.33	3.33	1.08	1.9	3.33	0 No	0 Unintentional Islanding
RMT321	773	'468098813_/_468098829_2'		3.33	3.33	3.33	1.08	0.7	3.33	0 No	0 Unintentional Islanding
RMT321	774	'3261993_/_3261991'		10	10	10	3.25	10	10	0 No	0 Unintentional Islanding
RMT321	775	'53091584_/_53091591'		3.33	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	776	'597517403_/_8512421_2'		10	10	10	3.25	3.6	10	0 No	0 Unintentional Islanding
RMT321	777	'568972412_/_568972460'		3.33	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	778	'3262010_/_3262008'		10	10	10	3.25	10	10	0 No	0 Unintentional Islanding
RMT321	779	'590977351_/_590977440_2'		10	10	10	3.25	3.6	10	0 No	0 Unintentional Islanding
RMT321	780	'597517438_/_597517469'		10	10	10	3.25	3.6	10	0 No	0 Unintentional Islanding
RMT321	781	'8512424_/_597517442'		10	10	10	3.25	3.6	10	0 No	0 Unintentional Islanding
RMT321	782	'3262045_/_3262059'		10	10	10	3.25	10	10	0 No	0 Unintentional Islanding
RMT321	783	'3247034_/_3247031'		3.33	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	784	'578861724_/_578861752'		3.33	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	785	'514500119_/_429638305_2'		10	10	10	3.25	3.9	10	0 No	0 Unintentional Islanding
RMT321	786	'3246604_/_3246601'		10	10	10	3.25	8.2	10	0 No	0 Unintentional Islanding
RMT321	787	'410544703_/_410544700'		10	10	10	3.25	5.7	10	0 No	0 Unintentional Islanding
RMT321	788	'760734299_/_760734315'		3.33	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	789	'50741085_/_3262042_2'		10	10	10	3.25	10	10	0 No	0 Unintentional Islanding
RMT321	790	'3262028_/_3262042_1'		10	10	10	3.25	10	10	0 No	0 Unintentional Islanding
RMT321	791	'7879350_/_7879347_2'		3.33	3.33	3.33	1.08	3.33	3.33	0 No	0 Unintentional Islanding
RMT321	792	'3262027_/_3262025'		10	10	10	3.25	10	10	0 No	0 Unintentional Islanding
RMT321	793	'567515534_/_567515531'		10	10	10	3.25	3.6	10	0 No	0 Unintentional Islanding
RMT321	794	'7558588_/_7879671_2'		3.33	3.33	3.33	1.08	3.33	3.33	0 No	0 Unintentional Islanding
RMT321	795	'3262078_/_3262076'		10	10	10	3.25	10	10	0 No	0 Unintentional Islanding
RMT321	796	'568972380_/_568972428'		3.33	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	797	'56689781_/_56689819'		3.33	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	798	'696399862_/_696399878'		3.33	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	799	'7879366_/_8831114_1'		3.33	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	800	'7250251_/_7879347_1'		3.33	3.33	3.33	1.08	1.9	3.33	0 No	0 Unintentional Islanding
RMT321	801	'3261687_/_3263481'		10	10	10	3.25	10	10	0 No	0 Unintentional Islanding
RMT321	802	'7879673_/_7879671_1'		3.33	3.33	3.33	1.08	1.9	3.33	0 No	0 Unintentional Islanding
RMT321	803	'3261688_/_3261685'		10	10	10	3.25	10	10	0 No	0 Unintentional Islanding
RMT321	804	'50740976_/_3263589'		3.33	3.33	3.33	1.08	3.33	3.33	0 No	0 Unintentional Islanding
RMT321	805	'444345560_/_444345667'		3.33	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	806	'414758816_/_3246618'		10	10	10	3.25	8.2	10	0 No	0 Unintentional Islanding
RMT321	807	'412785112_/_414758823'		10	10	10	3.25	8.2	10	0 No	0 Unintentional Islanding
RMT321	808	'3261705_/_3261702'		10	10	10	3.25	10	10	0 No	0 Unintentional Islanding
RMT321	809	'36455301_/_50929962'		3.33	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	810	'443936712_/_443936731'		10	10	10	3.25	3.9	10	0 No	0 Unintentional Islanding
RMT321	811	'414759187_/_414758902_1'		10	10	10	3.25	5.7	10	0 No	0 Unintentional Islanding
RMT321	812	'3229913_/_3229911'		10	10	10	3.25	8.3	10	0 No	0 Unintentional Islanding
RMT321	813	'452441267_/_440112179'		10	10	10	3.25	3.9	10	0 No	0 Unintentional Islanding
RMT321	814	'3261738_/_50740982_2'		3.33	3.33	3.33	1.08	3.33	3.33	0 No	0 Unintentional Islanding
RMT321	815	'3261739_/_50740982_1'		3.33	3.33	3.33	1.08	1.9	3.33	0 No	0 Unintentional Islanding
RMT321	816	'43284940_/_3261786'		10	10	10	3.25	10	10	0 No	0 Unintentional Islanding
RMT321	817	'429467988_/_8769970_1'		3.33	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	818	'446275456_/_446275454'		3.33	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	819	'393046314_/_578861728'		3.33	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	820	'567515552_/_567515549'		10	10	10	3.25	3.6	10	0 No	0 Unintentional Islanding
RMT321	821	'410544723_/_410544720'		10	10	10	3.25	5.7	10	0 No	0 Unintentional Islanding
RMT321	822	'7878674_/_8829854'		3.33	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	823	'760734335_/_760734332'		3.33	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	824	'349850378_/_88886829_2'		10	10	10	3.25	2.2	10	0 No	0 Unintentional Islanding
RMT321	825	'3261755_/_3261769'		10	10	10	3.25	10	10	0 No	0 Unintentional Islanding
RMT321	826	'8137949_/_8137947_1'		10	10	10	3.25	3.6	10	0 No	0 Unintentional Islanding
RMT321	827	'44060418_/_44060422'		10	10	10	3.25	10	10	0 No	0 Unintentional Islanding
RMT321	828	'349850425_/_349850468'		10	10	10	3.25	2.2	10	0 No	0 Unintentional Islanding
RMT321	829	'8119180_/_3261752_2'		10	10	10	3.25	10	10	0 No	0 Unintentional Islanding
RMT321	830	'3261722_/_3261752_1'		10	10	10	3.25	10	10	0 No	0 Unintentional Islanding
RMT321	831	'88886854_/_349850429'		10	10	10	3.25	2.2	10	0 No	0 Unintentional Islanding
RMT321	832	'7251927_/_8831114_2'		3.33	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	833	'8119181_/_9691796_1'		3.33	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	834	'696399952_/_696399968'		3.33	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	835	'3261721_/_3261719'		10	10	10	3.25	10	10	0 No	0 Unintentional Islanding

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RMT321	836	'414759051_/414758902_2'	10	10	10	3.25	5.7	10	0 No	0	Unintentional Islanding
RMT321	837	'3261851_/3263572'	10	10	10	3.25	10	10	0 No	0	Unintentional Islanding
RMT321	838	'3261806_/507400479_2'	3.33	3.33	3.33	1.08	3.33	3.33	0 No	0	Unintentional Islanding
RMT321	839	'414392189_/412785120'	10	10	10	3.25	8.2	10	0 No	0	Unintentional Islanding
RMT321	840	'43285095_/43285097'	10	10	10	3.25	5.7	10	0 No	0	Unintentional Islanding
RMT321	841	'411792336_/3246652'	10	10	10	3.25	8.2	10	0 No	0	Unintentional Islanding
RMT321	842	'3261834_/50740491_2'	10	10	10	3.25	10	10	0 No	0	Unintentional Islanding
RMT321	843	'43285889_/43285891'	10	10	10	3.25	10	10	0 No	0	Unintentional Islanding
RMT321	844	'3263327_/507400479_1'	3.33	3.33	3.33	1.08	1.9	3.33	0 No	0	Unintentional Islanding
RMT321	845	'3254078_/50740491_1'	10	10	10	3.25	4.5	10	0 No	0	Unintentional Islanding
RMT321	846	'55333041_/8754346'	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0	Unintentional Islanding
RMT321	847	'452441357_/452441461'	10	10	10	3.25	3.9	10	0 No	0	Unintentional Islanding
RMT321	848	'3263309_/3263307'	10	10	10	3.25	10	10	0 No	0	Unintentional Islanding
RMT321	849	'3247047_/3247044'	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0	Unintentional Islanding
RMT321	850	'410544743_/410544740'	10	10	10	3.25	5.7	10	0 No	0	Unintentional Islanding
RMT321	851	'56689750_/56689788'	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0	Unintentional Islanding
RMT321	852	'8137950_/8137947_2'	10	10	10	3.25	3.6	10	0 No	0	Unintentional Islanding
RMT321	853	'3263537_/3263535'	10	10	10	3.25	10	10	0 No	0	Unintentional Islanding
RMT321	854	'49220672_/3263555_1'	10	10	10	3.25	10	10	0 No	0	Unintentional Islanding
RMT321	855	'53091615_/53091622'	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0	Unintentional Islanding
RMT321	856	'3234525_/3234542'	10	10	10	3.25	8.3	10	0 No	0	Unintentional Islanding
RMT321	857	'61696870_/8162499_2'	3.33	3.33	3.33	1.08	3.33	3.33	0 No	0	Unintentional Islanding
RMT321	858	'8199628_/111919627_2'	3.33	3.33	3.33	1.08	2.77	3.33	0 No	0	Unintentional Islanding
RMT321	859	'3263339_/3263555_2'	10	10	10	3.25	10	10	0 No	0	Unintentional Islanding
RMT321	860	'3263413_/3263410'	10	10	10	3.25	10	10	0 No	0	Unintentional Islanding
RMT321	861	'65772539_/3263555_3'	10	10	10	3.25	4.6	10	0 No	0	Unintentional Islanding
RMT321	862	'40365650_/9691796_2'	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0	Unintentional Islanding
RMT321	863	'3263449_/3263555_4'	10	10	10	3.25	4.6	10	0 No	0	Unintentional Islanding
RMT321	864	'7878673_/7878671'	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0	Unintentional Islanding
RMT321	865	'651952793_/651952790'	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0	Unintentional Islanding
RMT321	866	'55333102_/55333109'	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0	Unintentional Islanding
RMT321	867	'452189492_/3263515'	10	10	10	3.25	10	10	0 No	0	Unintentional Islanding
RMT321	868	'3263518_/452189494'	10	10	10	3.25	10	10	0 No	0	Unintentional Islanding
RMT321	869	'447203814_/3263670'	10	10	10	3.25	10	10	0 No	0	Unintentional Islanding
RMT321	870	'88887016_/111919627_1'	3.33	3.33	3.33	1.08	0.2	3.33	0 No	0	Unintentional Islanding
RMT321	871	'452189474_/3263498'	10	10	10	3.25	10	10	0 No	0	Unintentional Islanding
RMT321	872	'3263501_/9460542_1'	10	10	10	3.25	5.8	10	0 No	0	Unintentional Islanding
RMT321	873	'49932055_/8434602_1'	10	10	10	3.25	6.1	10	0 No	0	Unintentional Islanding
RMT321	874	'696399994_/696400010'	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0	Unintentional Islanding
RMT321	875	'3246672_/3246669'	10	10	10	3.25	8.2	10	0 No	0	Unintentional Islanding
RMT321	876	'34546132_/44098064'	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0	Unintentional Islanding
RMT321	877	'7251926_/7251924'	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0	Unintentional Islanding
RMT321	878	'410544916_/410544913'	10	10	10	3.25	5.7	10	0 No	0	Unintentional Islanding
RMT321	879	'643375963_/643375979'	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0	Unintentional Islanding
RMT321	880	'492610469_/492610587_1'	10	10	10	3.25	2.2	10	0 No	0	Unintentional Islanding
RMT321	881	'9145610_/9460542_2'	10	10	10	3.25	5.8	10	0 No	0	Unintentional Islanding
RMT321	882	'452441312_/452441485'	10	10	10	3.25	3.9	10	0 No	0	Unintentional Islanding
RMT321	883	'709871881_/514499856'	10	10	10	3.25	3.9	10	0 No	0	Unintentional Islanding
RMT321	884	'492610590_/492610587_2'	10	10	10	3.25	2.2	10	0 No	0	Unintentional Islanding
RMT321	885	'55333070_/55333128'	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0	Unintentional Islanding
RMT321	886	'568973137_/696400034'	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0	Unintentional Islanding
RMT321	887	'8162502_/8162499_1'	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0	Unintentional Islanding
RMT321	888	'444345456_/444345599'	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0	Unintentional Islanding
RMT321	889	'393046412_/393046431'	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0	Unintentional Islanding
RMT321	890	'3229897_/3234522'	10	10	10	3.25	8.3	10	0 No	0	Unintentional Islanding
RMT321	891	'39681710_/44080873'	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0	Unintentional Islanding
RMT321	892	'8434604_/8434602_2'	10	10	10	3.25	6.1	10	0 No	0	Unintentional Islanding
RMT321	893	'3246689_/3246686'	10	10	10	3.25	8.2	10	0 No	0	Unintentional Islanding
RMT321	894	'56689719_/56689757'	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0	Unintentional Islanding
RMT321	895	'3247060_/3247057'	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0	Unintentional Islanding
RMT321	896	'43286605_/43286607'	10	10	10	3.25	5.7	10	0 No	0	Unintentional Islanding
RMT321	897	'506958784_/506958832'	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0	Unintentional Islanding
RMT321	898	'8829872_/8829870'	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0	Unintentional Islanding
RMT321	899	'744691277_/568972968_2'	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0	Unintentional Islanding
RMT321	900	'8124084_/9697316'	10	10	10	3.25	6.1	10	0 No	0	Unintentional Islanding
RMT321	901	'7804908_/55333072'	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0	Unintentional Islanding
RMT321	902	'444651642_/452441316_1'	10	10	10	3.25	3.6	10	0 No	0	Unintentional Islanding
RMT321	903	'643375991_/643376007'	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0	Unintentional Islanding
RMT321	904	'7251910_/7568680'	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0	Unintentional Islanding
RMT321	905	'568972964_/568972968_1'	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0	Unintentional Islanding
RMT321	906	'444345315_/444345475'	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0	Unintentional Islanding
RMT321	907	'36337830_/44094833'	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0	Unintentional Islanding
RMT321	908	'9686261_/44080028'	3.33	3.33	3.33	1.08	2	3.33	0 No	0	Unintentional Islanding
RMT321	909	'568972348_/568972396'	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0	Unintentional Islanding
RMT321	910	'3246706_/3246703'	10	10	10	3.25	8.2	10	0 No	0	Unintentional Islanding
RMT321	911	'643376027_/643376043'	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0	Unintentional Islanding
RMT321	912	'7568543_/8124082'	10	10	10	3.25	6.1	10	0 No	0	Unintentional Islanding
RMT321	913	'53091646_/53091653'	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0	Unintentional Islanding
RMT321	914	'506958816_/568973001'	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0	Unintentional Islanding
RMT321	915	'3229880_/3229894'	10	10	10	3.25	8.3	10	0 No	0	Unintentional Islanding
RMT321	916	'7568004_/9145113'	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0	Unintentional Islanding
RMT321	917	'568972934_/568972992'	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0	Unintentional Islanding
RMT321	918	'444345210_/444345353'	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0	Unintentional Islanding
RMT321	919	'7568542_/7568540'	10	10	10	3.25	6.1	10	0 No	0	Unintentional Islanding
RMT321	920	'7251862_/7251908'	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0	Unintentional Islanding
RMT321	921	'34500757_/9686258'	3.33	3.33	3.33	1.08	2	3.33	0 No	0	Unintentional Islanding
RMT321	922	'53091677_/53091684'	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0	Unintentional Islanding
RMT321	923	'43364757_/7074259'	10	10	10	3.25	8.2	10	0 No	0	Unintentional Islanding
RMT321	924	'3247073_/3247070'	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0	Unintentional Islanding
RMT321	925	'393046466_/393046485'	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0	Unintentional Islanding
RMT321	926	'444345171_/444345229'	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0	Unintentional Islanding
RMT321	927	'590970017_/590970051'	10	10	10	3.25	3.9	10	0 No	0	Unintentional Islanding
RMT321	928	'9691799_/44084711'	3.33	3.33	3.33	1.08	1.2	3.33	0 No	0	Unintentional Islanding
RMT321	929	'3261004_/3261002'	10	10	10	3.25	5.7	10	0 No	0	Unintentional Islanding

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
											VSR (MW)	Limiting Threshold
RMT321	930	'56689688_/56689726'		3.23	3.33	3.33	1.08	1.2	3.33	0 No	0	Unintentional Islanding
RMT321	931	'3229879_/3229877'		10	10	10	3.25	8.3	10	0 No	0	Unintentional Islanding
RMT321	932	'8202023_/8830546'		3.33	3.33	3.33	1.08	1.2	3.33	0 No	0	Unintentional Islanding
RMT321	933	'506958734_/506958800'		3.17	3.33	3.33	1.08	1.2	3.33	0 No	0	Unintentional Islanding
RMT321	934	'716344543_/414759055'		10	10	10	3.25	5.7	10	0 No	0	Unintentional Islanding
RMT321	935	'7251863_/7251860'		3.33	3.33	3.33	1.08	1.2	3.33	0 No	0	Unintentional Islanding
RMT321	936	'427346741_/427346749'		10	10	10	3.25	8.3	10	0 No	0	Unintentional Islanding
RMT321	937	'3231542_/3231556'		10	10	10	3.25	8.3	10	0 No	0	Unintentional Islanding
RMT321	938	'3673456_/43364759'		10	10	10	3.25	8.2	10	0 No	0	Unintentional Islanding
RMT321	939	'643376055_/643376071'		3.33	3.33	3.33	1.08	1.2	3.33	0 No	0	Unintentional Islanding
RMT321	940	'427347029_/427346848_1'		10	10	10	3.25	5.6	10	0 No	0	Unintentional Islanding
RMT321	941	'568972316_/568972364'		3.1	3.33	3.33	1.08	1.2	3.33	0 No	0	Unintentional Islanding
RMT321	942	'8162625_/9145783'		3.33	3.33	3.33	1.08	1.2	3.33	0 No	0	Unintentional Islanding
RMT321	943	'3261111_/3261109'		10	10	10	3.25	5.7	10	0 No	0	Unintentional Islanding
RMT321	944	'3261096_/3261093'		3.33	3.33	3.33	1.08	1.9	3.33	0 No	0	Unintentional Islanding
RMT321	945	'568973087_/506958750'		3.07	3.33	3.33	1.08	1.2	3.33	0 No	0	Unintentional Islanding
RMT321	946	'54708282_/54708284'		10	10	10	3.25	6.1	10	0 No	0	Unintentional Islanding
RMT321	947	'8202633_/8202631_1'		3.33	3.33	3.33	1.08	1.2	3.33	0 No	0	Unintentional Islanding
RMT321	948	'7568005_/7568002'		3.33	3.33	3.33	1.08	1.2	3.33	0 No	0	Unintentional Islanding
RMT321	949	'3703821_/3703941'		10	10	10	3.25	8.2	10	0 No	0	Unintentional Islanding
RMT321	950	'452299953_/437314761_1'		10	10	10	3.25	1.4	10	0 No	0	Unintentional Islanding
RMT321	951	'452299926_/437314761_2'		10	10	10	3.25	1.4	10	0 No	0	Unintentional Islanding
RMT321	952	'436820712_/436820803'		3.33	3.33	3.33	1.08	1.2	3.33	0 No	0	Unintentional Islanding
RMT321	953	'393046513_/393046539'		3.33	3.33	3.33	1.08	1.2	3.33	0 No	0	Unintentional Islanding
RMT321	954	'506958848_/568973126'		3.03	3.33	3.33	1.08	1.2	3.33	0 No	0	Unintentional Islanding
RMT321	955	'716344505_/716344573'		10	10	10	3.25	5.7	10	0 No	0	Unintentional Islanding
RMT321	956	'44248040_/8202631_2'		3.33	3.33	3.33	1.08	1.2	3.33	0 No	0	Unintentional Islanding
RMT321	957	'590969985_/590970066'		10	10	10	3.25	3.9	10	0 No	0	Unintentional Islanding
RMT321	958	'3247257_/3247254'		3.33	3.33	3.33	1.08	1.2	3.33	0 No	0	Unintentional Islanding
RMT321	959	'7251326_/9145097'		3.33	3.33	3.33	1.08	1.2	3.33	0 No	0	Unintentional Islanding
RMT321	960	'39693853_/7804906'		3.33	3.33	3.33	1.08	1.2	3.33	0 No	0	Unintentional Islanding
RMT321	961	'54708343_/54708350'		10	10	10	3.25	6.1	10	0 No	0	Unintentional Islanding
RMT321	962	'427346851_/427346848_2'		10	10	10	3.25	5.6	10	0 No	0	Unintentional Islanding
RMT321	963	'568973012_/568973117'		2.97	3.33	3.33	1.08	1.2	3.33	0 No	0	Unintentional Islanding
RMT321	964	'3261132_/3261129'		10	10	10	3.25	5.7	10	0 No	0	Unintentional Islanding
RMT321	965	'151706414_/483071517_2'		3.33	3.33	3.33	1.08	0.2	3.33	0 No	0	Unintentional Islanding
RMT321	966	'483071506_/483071530_2'		3.33	3.33	3.33	1.08	0.2	3.33	0 No	0	Unintentional Islanding
RMT321	967	'3231525_/3231539'		10	10	10	3.25	8.3	10	0 No	0	Unintentional Islanding
RMT321	968	'3703804_/3703819'		10	10	10	3.25	8.2	10	0 No	0	Unintentional Islanding
RMT321	969	'447909481_/437314658_2'		10	10	10	3.25	8.2	10	0 No	0	Unintentional Islanding
RMT321	970	'54708311_/54708363'		10	10	10	3.25	6.1	10	0 No	0	Unintentional Islanding
RMT321	971	'716344418_/716344521'		10	10	10	3.25	5.7	10	0 No	0	Unintentional Islanding
RMT321	972	'483071554_/483071530_1'		3.33	3.33	3.33	1.08	0.2	3.33	0 No	0	Unintentional Islanding
RMT321	973	'436820630_/436820731'		3.33	3.33	3.33	1.08	1.2	3.33	0 No	0	Unintentional Islanding
RMT321	974	'427346871_/427346868'		10	10	10	3.25	5.6	10	0 No	0	Unintentional Islanding
RMT321	975	'3261149_/3261146'		3.33	3.33	3.33	1.08	1.9	3.33	0 No	0	Unintentional Islanding
RMT321	976	'8140133_/8140131'		10	10	10	3.25	6.1	10	0 No	0	Unintentional Islanding
RMT321	977	'8767826_/8767824'		10	10	10	3.25	6.1	10	0 No	0	Unintentional Islanding
RMT321	978	'7880230_/8202021'		3.33	3.33	3.33	1.08	1.2	3.33	0 No	0	Unintentional Islanding
RMT321	979	'414758883_/716344386'		10	10	10	3.25	5.7	10	0 No	0	Unintentional Islanding
RMT321	980	'7880002_/8831130_1'		3.33	3.33	3.33	1.08	1.2	3.33	0 No	0	Unintentional Islanding
RMT321	981	'640381368_/568973016'		2.83	3.33	3.33	1.08	1.2	3.33	0 No	0	Unintentional Islanding
RMT321	982	'640381352_/640381419'		2.83	3.33	3.33	1.08	1.2	3.33	0 No	0	Unintentional Islanding
RMT321	983	'43286631_/3261162'		10	10	10	3.25	5.7	10	0 No	0	Unintentional Islanding
RMT321	984	'709871825_/709871844'		10	10	10	3.25	3.9	10	0 No	0	Unintentional Islanding
RMT321	985	'643376091_/643376107'		3.33	3.33	3.33	1.08	1.2	3.33	0 No	0	Unintentional Islanding
RMT321	986	'410899239_/410899258'		3.33	3.33	3.33	1.08	1.2	3.33	0 No	0	Unintentional Islanding
RMT321	987	'514499883_/590969989'		10	10	10	3.25	3.9	10	0 No	0	Unintentional Islanding
RMT321	988	'3247270_/3247267'		3.33	3.33	3.33	1.08	1.2	3.33	0 No	0	Unintentional Islanding
RMT321	989	'39703182_/44096911'		10	10	10	3.25	6.1	10	0 No	0	Unintentional Islanding
RMT321	990	'3231508_/3231522'		10	10	10	3.25	8.3	10	0 No	0	Unintentional Islanding
RMT321	991	'3703771_/3703802'		10	10	10	3.25	8.2	10	0 No	0	Unintentional Islanding
RMT321	992	'8831133_/8831130_2'		3.33	3.33	3.33	1.08	1.2	3.33	0 No	0	Unintentional Islanding
RMT321	993	'151706404_/483071517_1'		3.33	3.33	3.33	1.08	0.2	3.33	0 No	0	Unintentional Islanding
RMT321	994	'414758951_/414758970'		10	10	10	3.25	5.7	10	0 No	0	Unintentional Islanding
RMT321	995	'530739930_/427346888_1'		10	10	10	3.25	5.6	10	0 No	0	Unintentional Islanding
RMT321	996	'7589083_/437314658_1'		10	10	10	3.25	1.7	10	0 No	0	Unintentional Islanding
RMT321	997	'40674652_/44095838'		3.33	3.33	3.33	1.08	1.2	3.33	0 No	0	Unintentional Islanding
RMT321	998	'427346891_/427346888_2'		10	10	10	3.25	5.6	10	0 No	0	Unintentional Islanding
RMT321	999	'568972284_/640381356'		2.7	3.33	3.33	1.08	1.2	3.33	0 No	0	Unintentional Islanding
RMT321	1000	'53092058_/56689695'		2.77	3.33	3.33	1.08	1.2	3.33	0 No	0	Unintentional Islanding
RMT321	1001	'7880333_/8162623'		3.33	3.33	3.33	1.08	1.2	3.33	0 No	0	Unintentional Islanding
RMT321	1002	'8767846_/8767844'		10	10	10	3.25	6.1	10	0 No	0	Unintentional Islanding
RMT321	1003	'7251327_/7251324'		3.33	3.33	3.33	1.08	1.2	3.33	0 No	0	Unintentional Islanding
RMT321	1004	'660102708_/568972332_1'		2.7	3.33	3.33	1.08	1.2	3.33	0 No	0	Unintentional Islanding
RMT321	1005	'414758998_/414759017'		10	10	10	3.25	5.7	10	0 No	0	Unintentional Islanding
RMT321	1006	'50937324_/50937338'		10	10	10	3.25	6.1	10	0 No	0	Unintentional Islanding
RMT321	1007	'3261182_/43286633'		10	10	10	3.25	5.7	10	0 No	0	Unintentional Islanding
RMT321	1008	'410899293_/410899312'		3.23	3.33	3.33	1.08	1.2	3.33	0 No	0	Unintentional Islanding
RMT321	1009	'53092018_/53092060'		2.7	3.33	3.33	1.08	1.2	3.33	0 No	0	Unintentional Islanding
RMT321	1010	'3247283_/3247280'		3.33	3.33	3.33	1.08	1.2	3.33	0 No	0	Unintentional Islanding
RMT321	1011	'3231491_/3231505'		10	10	10	3.25	8.3	10	0 No	0	Unintentional Islanding
RMT321	1012	'590969953_/590969957'		10	10	10	3.25	3.9	10	0 No	0	Unintentional Islanding
RMT321	1013	'3703754_/3703769'		10	10	10	3.25	8.2	10	0 No	0	Unintentional Islanding
RMT321	1014	'473658205_/473658209'		3.2	3.33	3.33	1.08	1.2	3.33	0 No	0	Unintentional Islanding
RMT321	1015	'7880334_/7880331'		3.33	3.33	3.33	1.08	1.2	3.33	0 No	0	Unintentional Islanding
RMT321	1016	'50937311_/76235137'		6.67	6.67	6.67	2.16	4.07	6.67	0 No	0	Unintentional Islanding
RMT321	1017	'643376119_/643376135'		3.13	3.33	3.33	1.08	1.2	3.33	0 No	0	Unintentional Islanding
RMT321	1018	'3261199_/3261196'		10	10	10	3.25	5.7	10	0 No	0	Unintentional Islanding
RMT321	1019	'8766967_/9086013'		10	10	10	3.25	6.1	10	0 No	0	Unintentional Islanding
RMT321	1020	'428965343_/434530448'		10	10	10	3.25	5.7	10	0 No	0	Unintentional Islanding
RMT321	1021	'572148071_/473658233'		3.1	3.33	3.33	1.08	1.2	3.33	0 No	0	Unintentional Islanding
RMT321	1022	'437315455_/3703752'		10	10	10	3.25	8.2	10	0 No	0	Unintentional Islanding
RMT321	1023	'7568527_/7880227'		3.33	3.33	3.33	1.08	1.2	3.33	0 No	0	Unintentional Islanding

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
											VSR (MW)	Limiting Threshold
RMT321	1024	'437315501_/3703596'		10		10	3.25	8.2	10	0 No	0	Unintentional Islanding
RMT321	1025	'3247309_/3247306'		3.33		3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	1026	'560564620_/572148101'		3.07		3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	1027	'7251878_/8162639'		3.33		3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	1028	'3247295_/3247293'		3.33		3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	1029	'643376155_/643376171'		3.03		3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	1030	'8512372_/8512369'		3.33		3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	1031	'3231490_/3231488'		10		10	10	3.25	8.3	10	0 No	0 Unintentional Islanding
RMT321	1032	'3261216_/3261213'		10		10	10	3.25	5.7	10	0 No	0 Unintentional Islanding
RMT321	1033	'514500157_/514500278'		10		10	10	3.25	3.9	10	0 No	0 Unintentional Islanding
RMT321	1034	'3247364_/3247361'		3.33		3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	1035	'3703599_/437315499'		10		10	10	3.25	8.2	10	0 No	0 Unintentional Islanding
RMT321	1036	'473658056_/560564624'		3		3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	1037	'3247325_/3247322'		3.33		3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	1038	'53091987_/53092025'		2.5		3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	1039	'410899347_/410899366'		2.93		3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	1040	'3261233_/3261230'		10		10	10	3.25	5.7	10	0 No	0 Unintentional Islanding
RMT321	1041	'679615892_/3244540'		10		10	10	3.25	8.3	10	0 No	0 Unintentional Islanding
RMT321	1042	'8766966_/8766964'		10		10	10	3.25	6.1	10	0 No	0 Unintentional Islanding
RMT321	1043	'643376187_/643376203'		2.9		3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	1044	'679616185_/679615951_2'		10		10	10	3.25	8.3	10	0 No	0 Unintentional Islanding
RMT321	1045	'8202209_/9143801'		3.33		3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	1046	'679615869_/679615951_1'		10		10	10	3.25	8.3	10	0 No	0 Unintentional Islanding
RMT321	1047	'3703616_/3703613'		10		10	10	3.25	8.2	10	0 No	0 Unintentional Islanding
RMT321	1048	'7251879_/7251876'		3.33		3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	1049	'473658368_/473658118'		2.87		3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	1050	'155985153_/44089975'		10		10	10	3.25	6.1	10	0 No	0 Unintentional Islanding
RMT321	1051	'3247338_/3247335'		3.33		3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	1052	'4328664_/3261247'		10		10	10	3.25	5.7	10	0 No	0 Unintentional Islanding
RMT321	1053	'3247406_/3247403'		3.33		3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	1054	'428965383_/428965361'		10		10	10	3.25	5.7	10	0 No	0 Unintentional Islanding
RMT321	1055	'409650577_/409650665'		10		10	10	3.25	6.1	10	0 No	0 Unintentional Islanding
RMT321	1056	'409650620_/409650639'		10		10	10	3.25	6.1	10	0 No	0 Unintentional Islanding
RMT321	1057	'429638291_/514499787'		10		10	10	3.25	3.9	10	0 No	0 Unintentional Islanding
RMT321	1058	'409650534_/155985211'		10		10	10	3.25	6.1	10	0 No	0 Unintentional Islanding
RMT321	1059	'679615914_/679615939'		10		10	10	3.25	8.3	10	0 No	0 Unintentional Islanding
RMT321	1060	'88887112_/483071243_1'		3.33		3.33	3.33	1.08	2.6	3.33	0 No	0 Unintentional Islanding
RMT321	1061	'111919442_/483071243_2'		3.33		3.33	3.33	1.08	2.6	3.33	0 No	0 Unintentional Islanding
RMT321	1062	'53091956_/53091994'		2.33		3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	1063	'3703633_/3703630'		10		10	10	3.25	8.2	10	0 No	0 Unintentional Islanding
RMT321	1064	'38168827_/155985229'		10		10	10	3.25	6.1	10	0 No	0 Unintentional Islanding
RMT321	1065	'38870411_/44102509'		3.07		3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	1066	'410899448_/410899467'		2.77		3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	1067	'452300223_/43366564'		10		10	10	3.25	8.2	10	0 No	0 Unintentional Islanding
RMT321	1068	'3261266_/43286646'		10		10	10	3.25	5.7	10	0 No	0 Unintentional Islanding
RMT321	1069	'3247351_/3247348'		3.33		3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	1070	'7568526_/7568524'		3.33		3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	1071	'7251586_/9460230_1'		3.33		3.33	3.33	1.08	1.5	3.33	0 No	0 Unintentional Islanding
RMT321	1072	'3247419_/3247416'		3.33		3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	1073	'3244560_/3260261'		6.67		6.67	6.67	2.16	5.2	6.67	0 No	0 Unintentional Islanding
RMT321	1074	'679615794_/679615911'		10		10	10	3.25	8.3	10	0 No	0 Unintentional Islanding
RMT321	1075	'7251587_/9460230_2'		3.33		3.33	3.33	1.08	1.5	3.33	0 No	0 Unintentional Islanding
RMT321	1076	'7251895_/7251892'		3.33		3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	1077	'336361548_/3261264'		10		10	10	3.25	5.7	10	0 No	0 Unintentional Islanding
RMT321	1078	'410899534_/410899544'		2.7		3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	1079	'347902067_/336361546_2'		10		10	10	3.25	5.7	10	0 No	0 Unintentional Islanding
RMT321	1080	'3261267_/347902082'		10		10	10	3.25	5.7	10	0 No	0 Unintentional Islanding
RMT321	1081	'9460217_/9460246_1'		3.33		3.33	3.33	1.08	1.5	3.33	0 No	0 Unintentional Islanding
RMT321	1082	'3703650_/3703647'		10		10	10	3.25	8.2	10	0 No	0 Unintentional Islanding
RMT321	1083	'679616130_/679616024_1'		6.67		6.67	6.67	2.16	0.9	6.67	0 No	0 Unintentional Islanding
RMT321	1084	'437314589_/3703664'		10		10	10	3.25	8.2	10	0 No	0 Unintentional Islanding
RMT321	1085	'643376219_/643376227'		2.67		3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	1086	'7251602_/9460246_2'		3.33		3.33	3.33	1.08	1.5	3.33	0 No	0 Unintentional Islanding
RMT321	1087	'3259888_/3260241'		10		10	10	3.25	8.3	10	0 No	0 Unintentional Islanding
RMT321	1088	'679616027_/679616024_2'		6.67		6.67	6.67	2.16	0.9	6.67	0 No	0 Unintentional Islanding
RMT321	1089	'9085317_/9085315'		10		10	10	3.25	6.1	10	0 No	0 Unintentional Islanding
RMT321	1090	'3259905_/3260071_1'		6.67		6.67	6.67	2.16	1.8	6.67	0 No	0 Unintentional Islanding
RMT321	1091	'45032560_/3247377'		3.33		3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	1092	'336361549_/336361546_1'		10		10	10	3.25	3.6	10	0 No	0 Unintentional Islanding
RMT321	1093	'679616067_/3230086_1'		6.67		6.67	6.67	2.16	0.9	6.67	0 No	0 Unintentional Islanding
RMT321	1094	'38851064_/44090534'		10		10	10	3.25	6.1	10	0 No	0 Unintentional Islanding
RMT321	1095	'473658040_/436820649'		2.6		3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	1096	'43286128_/43286130'		10		10	10	3.25	8.3	10	0 No	0 Unintentional Islanding
RMT321	1097	'53091894_/53091963'		2.2		3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	1098	'88886144_/3260071_2'		6.67		6.67	6.67	2.16	1.8	6.67	0 No	0 Unintentional Islanding
RMT321	1099	'3703876_/3703873'		10		10	10	3.25	8.2	10	0 No	0 Unintentional Islanding
RMT321	1100	'428965428_/428965403'		10		10	10	3.25	5.7	10	0 No	0 Unintentional Islanding
RMT321	1101	'34588190_/44092293'		2.8		3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	1102	'457486278_/428965446'		10		10	10	3.25	5.7	10	0 No	0 Unintentional Islanding
RMT321	1103	'437315136_/3703890'		10		10	10	3.25	8.2	10	0 No	0 Unintentional Islanding
RMT321	1104	'428965059_/428965078'		10		10	10	3.25	3.9	10	0 No	0 Unintentional Islanding
RMT321	1105	'457486645_/437315227_1'		10		10	10	3.25	5.7	10	0 No	0 Unintentional Islanding
RMT321	1106	'560564404_/473658086'		2.53		3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	1107	'689826266_/437315145'		10		10	10	3.25	8.2	10	0 No	0 Unintentional Islanding
RMT321	1108	'8202210_/8202207'		3.33		3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	1109	'457486321_/457486340'		10		10	10	3.25	5.7	10	0 No	0 Unintentional Islanding
RMT321	1110	'689826479_/689826311_1'		10		10	10	3.25	3.6	10	0 No	0 Unintentional Islanding
RMT321	1111	'452300101_/689826270_1'		10		10	10	3.25	4.6	10	0 No	0 Unintentional Islanding
RMT321	1112	'3259854_/3259868'		10		10	10	3.25	8.3	10	0 No	0 Unintentional Islanding
RMT321	1113	'426233227_/437315227_2'		10		10	10	3.25	5.7	10	0 No	0 Unintentional Islanding
RMT321	1114	'437314371_/689826270_2'		10		10	10	3.25	4.6	10	0 No	0 Unintentional Islanding
RMT321	1115	'336361576_/336361573'		10		10	10	3.25	3.6	10	0 No	0 Unintentional Islanding
RMT321	1116	'426232942_/426232946'		10		10	10	3.25	5.7	10	0 No	0 Unintentional Islanding
RMT321	1117	'689826314_/689826311_2'		10		10	10	3.25	3.6	10	0 No	0 Unintentional Islanding

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
				Deviation						VSR (MW)	Limiting Threshold
RMT321	1118	'53091863_/53091901'		2.13	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	1119	'426232984_/426233029'		10	10	10	3.25	5.7	10	0 No	0 Unintentional Islanding
RMT321	1120	'426232900_/426233003'		10	10	10	3.25	5.7	10	0 No	0 Unintentional Islanding
RMT321	1121	'457486368_/457486409'		10	10	10	3.25	5.7	10	0 No	0 Unintentional Islanding
RMT321	1122	'7567896_/8831338_1'		3.33	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	1123	'560564386_/560564432'		2.47	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	1124	'7492767_/9065517'		2.93	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	1125	'3259837_/3259851'		10	10	10	3.25	8.3	10	0 No	0 Unintentional Islanding
RMT321	1126	'9712450_/9712448'		10	10	10	3.25	6.1	10	0 No	0 Unintentional Islanding
RMT321	1127	'8512770_/8512767'		3.33	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	1128	'689826491_/689826488'		10	10	10	3.25	3.6	10	0 No	0 Unintentional Islanding
RMT321	1129	'336361596_/336361593'		10	10	10	3.25	3.6	10	0 No	0 Unintentional Islanding
RMT321	1130	'3259820_/3259834'		10	10	10	3.25	8.3	10	0 No	0 Unintentional Islanding
RMT321	1131	'654746238_/457486372_1'		7.3	10	10	3.25	5.7	10	0 No	0 Unintentional Islanding
RMT321	1132	'689826508_/689826505'		10	10	10	3.25	3.6	10	0 No	0 Unintentional Islanding
RMT321	1133	'3259803_/3259817'		10	10	10	3.25	8.3	10	0 No	0 Unintentional Islanding
RMT321	1134	'7488614_/8743126'		10	10	10	3.25	6.1	10	0 No	0 Unintentional Islanding
RMT321	1135	'336361616_/336361613'		10	10	10	3.25	3.6	10	0 No	0 Unintentional Islanding
RMT321	1136	'560564448_/560564464'		2.3	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	1137	'437164840_/437164860'		9.8	10	10	3.25	5.7	10	0 No	0 Unintentional Islanding
RMT321	1138	'689826523_/689826520'		9.9	10	10	3.25	3.6	10	0 No	0 Unintentional Islanding
RMT321	1139	'7488426_/7488612'		10	10	10	3.25	6.1	10	0 No	0 Unintentional Islanding
RMT321	1140	'39489844_/471399579'		10	10	10	3.25	6.1	10	0 No	0 Unintentional Islanding
RMT321	1141	'34547376_/49965401'		10	10	10	3.25	6.1	10	0 No	0 Unintentional Islanding
RMT321	1142	'3259786_/3259800'		10	10	10	3.25	8.3	10	0 No	0 Unintentional Islanding
RMT321	1143	'40671872_/44101667'		2.6	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	1144	'53091832_/53091870'		1.9	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	1145	'9066064_/9066061'		10	10	10	3.25	6.1	10	0 No	0 Unintentional Islanding
RMT321	1146	'560564480_/560564496'		2.23	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	1147	'336361636_/336361633'		10	10	10	3.25	3.6	10	0 No	0 Unintentional Islanding
RMT321	1148	'489262870_/483640268_1'		10	10	10	3.25	2.2	10	0 No	0 Unintentional Islanding
RMT321	1149	'689826538_/689826535'		9.4	10	10	3.25	3.6	10	0 No	0 Unintentional Islanding
RMT321	1150	'347119489_/332573496_1'		10	10	10	3.25	2.2	10	0 No	0 Unintentional Islanding
RMT321	1151	'9385849_/9381998'		10	10	10	3.25	6.1	10	0 No	0 Unintentional Islanding
RMT321	1152	'332573477_/332573496_2'		10	10	10	3.25	2.2	10	0 No	0 Unintentional Islanding
RMT321	1153	'8752046_/9385846'		10	10	10	3.25	6.1	10	0 No	0 Unintentional Islanding
RMT321	1154	'3259769_/3259783'		10	10	10	3.25	8.3	10	0 No	0 Unintentional Islanding
RMT321	1155	'437164796_/431878969'		9	10	10	3.25	5.7	10	0 No	0 Unintentional Islanding
RMT321	1156	'86859332_/86859338'		10	10	10	3.25	6.1	10	0 No	0 Unintentional Islanding
RMT321	1157	'483640252_/483640268_2'		10	10	10	3.25	2.2	10	0 No	0 Unintentional Islanding
RMT321	1158	'689826553_/689826550'		9	10	10	3.25	3.6	10	0 No	0 Unintentional Islanding
RMT321	1159	'3259752_/3259766'		10	10	10	3.25	8.3	10	0 No	0 Unintentional Islanding
RMT321	1160	'86859414_/86859425'		10	10	10	3.25	6.1	10	0 No	0 Unintentional Islanding
RMT321	1161	'404958394_/404958398'		10	10	10	3.25	8.3	10	0 No	0 Unintentional Islanding
RMT321	1162	'404958604_/404958443'		10	10	10	3.25	8.3	10	0 No	0 Unintentional Islanding
RMT321	1163	'8202193_/9145081'		3.33	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	1164	'689826568_/689826565'		8.6	10	10	3.25	3.6	10	0 No	0 Unintentional Islanding
RMT321	1165	'43286141_/404958347'		10	10	10	3.25	8.3	10	0 No	0 Unintentional Islanding
RMT321	1166	'465055183_/465055204'		10	10	10	3.25	6.1	10	0 No	0 Unintentional Islanding
RMT321	1167	'86859369_/86859443'		10	10	10	3.25	6.1	10	0 No	0 Unintentional Islanding
RMT321	1168	'53091801_/53091839'		1.77	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	1169	'404958446_/404958610'		10	10	10	3.25	8.3	10	0 No	0 Unintentional Islanding
RMT321	1170	'8752047_/8752044'		10	10	10	3.25	6.1	10	0 No	0 Unintentional Islanding
RMT321	1171	'429467308_/7492764_1'		2.37	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	1172	'3259718_/3259732'		10	10	10	3.25	8.3	10	0 No	0 Unintentional Islanding
RMT321	1173	'7568054_/8202191'		3.33	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	1174	'428965594_/428965612'		8.2	10	10	3.25	5.7	10	0 No	0 Unintentional Islanding
RMT321	1175	'689826585_/689826582'		8.3	10	10	3.25	3.6	10	0 No	0 Unintentional Islanding
RMT321	1176	'404958525_/404958522'		10	10	10	3.25	8.3	10	0 No	0 Unintentional Islanding
RMT321	1177	'7491115_/8752064'		10	10	10	3.25	6.1	10	0 No	0 Unintentional Islanding
RMT321	1178	'560564512_/560564528'		2	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	1179	'3259698_/3259715'		9.7	10	10	3.25	8.3	10	0 No	0 Unintentional Islanding
RMT321	1180	'689826600_/689826597'		8	10	10	3.25	3.6	10	0 No	0 Unintentional Islanding
RMT321	1181	'53091708_/53091808'		1.7	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	1182	'404958545_/404958542'		9.6	10	10	3.25	8.3	10	0 No	0 Unintentional Islanding
RMT321	1183	'7491114_/7491112'		10	10	10	3.25	6.1	10	0 No	0 Unintentional Islanding
RMT321	1184	'3259681_/3259695'		9.3	10	10	3.25	8.3	10	0 No	0 Unintentional Islanding
RMT321	1185	'689826615_/689826612'		7.7	10	10	3.25	3.6	10	0 No	0 Unintentional Islanding
RMT321	1186	'404958565_/404958562'		9.1	10	10	3.25	8.3	10	0 No	0 Unintentional Islanding
RMT321	1187	'598042356_/572147926'		1.93	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	1188	'428965554_/428965572'		7.4	10	10	3.25	5.7	10	0 No	0 Unintentional Islanding
RMT321	1189	'3259664_/3259678'		9	10	10	3.25	8.3	10	0 No	0 Unintentional Islanding
RMT321	1190	'689826630_/689826627'		7.5	10	10	3.25	3.6	10	0 No	0 Unintentional Islanding
RMT321	1191	'599768123_/404958582'		8.8	10	10	3.25	8.3	10	0 No	0 Unintentional Islanding
RMT321	1192	'742231277_/742231161_1'		8.8	10	10	3.25	3.6	10	0 No	0 Unintentional Islanding
RMT321	1193	'7568055_/7568052'		3.33	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	1194	'434530474_/434704169'		7.3	10	10	3.25	5.7	10	0 No	0 Unintentional Islanding
RMT321	1195	'404958585_/599768127'		8.8	10	10	3.25	8.3	10	0 No	0 Unintentional Islanding
RMT321	1196	'3259647_/105104779'		8.7	10	10	3.25	8.3	10	0 No	0 Unintentional Islanding
RMT321	1197	'8512130_/7879907'		10	10	10	3.25	6.1	10	0 No	0 Unintentional Islanding
RMT321	1198	'760354647_/8512127_3'		10	10	10	0.18	6.1	10	8.5 No	0.18 Thermal Discharging
RMT321	1199	'3249775_/8512127_4'		10	10	10	0.18	6.1	10	8.5 No	0.18 Thermal Discharging
RMT321	1200	'689826645_/689826642'		7.2	10	10	3.25	3.6	10	0 No	0 Unintentional Islanding
RMT321	1201	'3249795_/68296034'		10	10	10	0.18	6.1	10	8.5 No	0.18 Thermal Discharging
RMT321	1202	'68923030_/3249829'		10	10	10	0.18	6.1	10	8.5 No	0.18 Thermal Discharging
RMT321	1203	'3249758_/3249772'		10	10	10	0.18	6.1	10	8.5 No	0.18 Thermal Discharging
RMT321	1204	'68923034_/68296069'		10	10	10	0.18	6.1	10	8.5 No	0.18 Thermal Discharging
RMT321	1205	'7567080_/8502975_1'		10	10	10	0.18	2.3	10	8.5 No	0.18 Thermal Discharging
RMT321	1206	'8201166_/8830962_1'		10	10	10	0.18	2.2	10	8.5 No	0.18 Thermal Discharging
RMT321	1207	'3249741_/3249755'		10	10	10	0.18	6.1	10	8.5 No	0.18 Thermal Discharging
RMT321	1208	'108411284_/8512127_2'		10	10	10	0.18	6.1	10	8.5 No	0.18 Thermal Discharging
RMT321	1209	'8115208_/8831022'		3.33	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	1210	'471389982_/471389979'		8.4	10	10	3.25	8.3	10	0 No	0 Unintentional Islanding
RMT321	1211	'3249707_/3249721'		10	10	10	0.18	6.1	10	8.5 No	0.18 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over- Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RMT321	1212	'3249690_/_3249704'		10	10	10	0.18	6.1	10	8.5 No	0.18 Thermal Discharging
RMT321	1213	'43282603_/_43282605'		10	10	10	0.18	6.1	10	8.5 No	0.18 Thermal Discharging
RMT321	1214	'7558528_/_8502975_2'		10	10	10	0.18	2.3	10	8.5 No	0.18 Thermal Discharging
RMT321	1215	'3248973_/_3248919'		10	10	10	0.18	6.1	10	8.5 No	0.18 Thermal Discharging
RMT321	1216	'43284888_/_43284890'		10	10	10	0.18	6.1	10	8.5 No	0.18 Thermal Discharging
RMT321	1217	'3259646_/_3259644'		8.2	10	10	3.25	8.3	10	0 No	0 Unintentional Islanding
RMT321	1218	'689826660_/_689826657'		7	10	10	3.25	3.6	10	0 No	0 Unintentional Islanding
RMT321	1219	'3248972_/_3248970'		10	10	10	0.18	6.1	10	8.5 No	0.18 Thermal Discharging
RMT321	1220	'3260840_/_3260886_2'		6.67	6.67	6.67	0.12	4.07	6.67	5.67 No	0.12 Thermal Discharging
RMT321	1221	'689826880_/_689826826_1'		7	10	10	3.25	2.2	10	0 No	0 Unintentional Islanding
RMT321	1222	'88887185_/_3260058_1'		2.77	3.33	3.33	1.08	0.2	3.33	0 No	0 Unintentional Islanding
RMT321	1223	'88887152_/_3260058_2'		2.77	3.33	3.33	1.08	0.2	3.33	0 No	0 Unintentional Islanding
RMT321	1224	'3260873_/_3260886_1'		6.67	6.67	6.67	0.12	2.4	6.67	5.67 No	0.12 Thermal Discharging
RMT321	1225	'471390000_/_471389997'		8.1	10	10	3.25	8.3	10	0 No	0 Unintentional Islanding
RMT321	1226	'3248743_/_3248987'		10	10	10	0.18	6.1	10	8.5 No	0.18 Thermal Discharging
RMT321	1227	'3248674_/_3249863'		10	10	10	0.18	6.1	10	8.5 No	0.18 Thermal Discharging
RMT321	1228	'3248956_/_3248953'		10	10	10	0.18	6.1	10	8.5 No	0.18 Thermal Discharging
RMT321	1229	'3260855_/_3260871'		6.67	6.67	6.67	0.12	2.4	6.67	5.67 No	0.12 Thermal Discharging
RMT321	1230	'3248922_/_3248936'		10	10	10	0.18	6.1	10	8.5 No	0.18 Thermal Discharging
RMT321	1231	'3248851_/_3249004'		10	10	10	0.18	6.1	10	8.5 No	0.18 Thermal Discharging
RMT321	1232	'430098904_/_53091715_1'		1.5	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	1233	'3249024_/_3249041'		10	10	10	0.18	6.1	10	8.5 No	0.18 Thermal Discharging
RMT321	1234	'3248850_/_3248848'		10	10	10	0.18	6.1	10	8.5 No	0.18 Thermal Discharging
RMT321	1235	'3248723_/_3248720_2'		10	10	10	0.18	6.1	10	8.5 No	0.18 Thermal Discharging
RMT321	1236	'760354569_/_3249975_1'		7.2	10	10	0.18	4.9	10	3.76 No	0.18 Thermal Discharging
RMT321	1237	'3248834_/_3260914'		10	10	10	0.18	6.1	10	8.5 No	0.18 Thermal Discharging
RMT321	1238	'8512166_/_8512163_2'		10	10	10	0.18	3.6	10	8.5 No	0.18 Thermal Discharging
RMT321	1239	'471390018_/_471390015'		7.9	10	10	3.25	8.3	10	0 No	0 Unintentional Islanding
RMT321	1240	'43286450_/_3262770'		6.67	6.67	6.67	0.12	2.4	6.67	5.67 No	0.12 Thermal Discharging
RMT321	1241	'7566977_/_8512163_1'		10	10	10	0.18	3.6	10	8.5 No	0.18 Thermal Discharging
RMT321	1242	'43286594_/_3260853'		6.67	6.67	6.67	0.12	2.4	6.67	5.67 No	0.12 Thermal Discharging
RMT321	1243	'689826810_/_689826826_2'		6.7	10	10	3.25	2.2	10	0 No	0 Unintentional Islanding
RMT321	1244	'3260302_/_3260316'		7.8	10	10	3.25	8.3	10	0 No	0 Unintentional Islanding
RMT321	1245	'3248380_/_3248720_1'		10	10	10	0.18	3.7	10	8.5 No	0.18 Thermal Discharging
RMT321	1246	'3248813_/_3248811'		10	10	10	0.18	6.1	10	8.5 No	0.18 Thermal Discharging
RMT321	1247	'39101917_/_7558525'		10	10	10	0.18	2.3	10	8.5 No	0.18 Thermal Discharging
RMT321	1248	'43282095_/_43282097'		10	10	10	0.18	6.1	10	8.5 No	0.18 Thermal Discharging
RMT321	1249	'742231145_/_742231161_2'		7.7	10	10	3.25	3.6	10	0 No	0 Unintentional Islanding
RMT321	1250	'3248417_/_3248831'		10	10	10	0.18	6.1	10	8.5 No	0.18 Thermal Discharging
RMT321	1251	'471390036_/_471390033'		7.6	10	10	3.25	8.3	10	0 No	0 Unintentional Islanding
RMT321	1252	'3248134_/_3248398'		10	10	10	0.18	3.7	10	8.5 No	0.18 Thermal Discharging
RMT321	1253	'3248708_/_3262752'		6.67	6.67	6.67	0.12	2.4	6.67	5.67 No	0.12 Thermal Discharging
RMT321	1254	'8115209_/_8115206'		3.33	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	1255	'3247996_/_3248794'		10	10	10	0.18	6.1	10	8.5 No	0.18 Thermal Discharging
RMT321	1256	'43282145_/_3248378'		10	10	10	0.18	3.7	10	8.5 No	0.18 Thermal Discharging
RMT321	1257	'598043527_/_598043543'		1.73	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	1258	'3259630_/_3260299'		7.6	10	10	3.25	8.3	10	0 No	0 Unintentional Islanding
RMT321	1259	'43282108_/_3248882'		10	10	10	0.18	6.1	10	8.5 No	0.18 Thermal Discharging
RMT321	1260	'88887245_/_7175779_1'		7.6	10	10	3.25	3.6	10	0 No	0 Unintentional Islanding
RMT321	1261	'9687625_/_9687622'		3.33	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	1262	'8202003_/_8202001'		9.7	10	10	0.18	2.3	10	8.5 No	0.18 Thermal Discharging
RMT321	1263	'3248780_/_3248902'		10	10	10	0.18	6.1	10	8.5 No	0.18 Thermal Discharging
RMT321	1264	'3248206_/_3248705'		6.67	6.67	6.67	0.12	2.4	6.67	5.67 No	0.12 Thermal Discharging
RMT321	1265	'471390054_/_471390051'		7.4	10	10	3.25	8.3	10	0 No	0 Unintentional Islanding
RMT321	1266	'44072170_/_7175779_2'		7.4	10	10	3.25	3.6	10	0 No	0 Unintentional Islanding
RMT321	1267	'3247928_/_3248777'		10	10	10	0.18	6.1	10	8.5 No	0.18 Thermal Discharging
RMT321	1268	'3248117_/_3248131'		9.8	10	10	0.18	3.7	10	8.5 No	0.18 Thermal Discharging
RMT321	1269	'614671056_/_614671053'		2.47	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	1270	'598042417_/_598043557'		1.67	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	1271	'3259613_/_3259627'		7.4	10	10	3.25	8.3	10	0 No	0 Unintentional Islanding
RMT321	1272	'3259311_/_3259366'		10	10	10	0.18	6.1	10	8.5 No	0.18 Thermal Discharging
RMT321	1273	'43282121_/_43282123'		9.5	10	10	0.18	3.7	10	8.5 No	0.18 Thermal Discharging
RMT321	1274	'3259331_/_3259329'		10	10	10	0.18	6.1	10	8.5 No	0.18 Thermal Discharging
RMT321	1275	'8201775_/_9144741_2'		10	10	10	0.18	6.1	10	8.5 No	0.18 Thermal Discharging
RMT321	1276	'43282051_/_3248684'		6.67	6.67	6.67	0.12	2.4	6.67	5.67 No	0.12 Thermal Discharging
RMT321	1277	'8830944_/_8830962_2'		9.1	10	10	0.18	2.2	10	8.5 No	0.18 Thermal Discharging
RMT321	1278	'8502998_/_9459776'		9.1	10	10	0.18	2.3	10	8.5 No	0.18 Thermal Discharging
RMT321	1279	'471390114_/_471390111'		7.2	10	10	3.25	8.3	10	0 No	0 Unintentional Islanding
RMT321	1280	'73781636_/_8830942_1'		8.1	10	10	0.18	2.3	10	8.5 No	0.18 Thermal Discharging
RMT321	1281	'3259516_/_3259530'		10	10	10	0.18	6.1	10	8.5 No	0.18 Thermal Discharging
RMT321	1282	'3248759_/_3248757'		10	10	10	0.18	6.1	10	8.5 No	0.18 Thermal Discharging
RMT321	1283	'3259596_/_3259610'		7.1	10	10	3.25	8.3	10	0 No	0 Unintentional Islanding
RMT321	1284	'3248080_/_3248097'		9.1	10	10	0.18	3.7	10	8.5 No	0.18 Thermal Discharging
RMT321	1285	'471390132_/_471390129'		7	10	10	3.25	8.3	10	0 No	0 Unintentional Islanding
RMT321	1286	'598042449_/_598042465'		1.63	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	1287	'7566925_/_8200965_1'		8.8	10	10	0.18	2.3	10	8.5 No	0.18 Thermal Discharging
RMT321	1288	'7558548_/_7558545'		8.6	10	10	0.18	2.3	10	8.5 No	0.18 Thermal Discharging
RMT321	1289	'7558547_/_8502995'		8.7	10	10	0.18	2.3	10	8.5 No	0.18 Thermal Discharging
RMT321	1290	'8200968_/_8200965_2'		8.9	10	10	0.18	2.3	10	8.5 No	0.18 Thermal Discharging
RMT321	1291	'3259312_/_54023038_2'		9.3	10	10	0.18	6.1	10	8.5 No	0.18 Thermal Discharging
RMT321	1292	'3259595_/_3259593'		6.9	10	10	3.25	8.3	10	0 No	0 Unintentional Islanding
RMT321	1293	'3248063_/_3248077'		8.9	10	10	0.18	3.7	10	8.5 No	0.18 Thermal Discharging
RMT321	1294	'43286013_/_3259309'		9.4	10	10	0.18	6.1	10	8.5 No	0.18 Thermal Discharging
RMT321	1295	'54023032_/_54023038_1'		9.3	10	10	0.18	3.6	10	8.5 No	0.18 Thermal Discharging
RMT321	1296	'471390150_/_471390147'		6.8	10	10	3.25	8.3	10	0 No	0 Unintentional Islanding
RMT321	1297	'7879309_/_7879307'		8.4	10	10	0.18	2.3	10	8.5 No	0.18 Thermal Discharging
RMT321	1298	'7879074_/_7879071'		9.3	10	10	0.18	3.6	10	8.5 No	0.18 Thermal Discharging
RMT321	1299	'44072184_/_44072172'		6.7	10	10	3.25	3.6	10	0 No	0 Unintentional Islanding
RMT321	1300	'3260152_/_3260166'		6.7	10	10	3.25	8.3	10	0 No	0 Unintentional Islanding
RMT321	1301	'7568037_/_7879815'		8.2	10	10	0.18	2.3	10	8.5 No	0.18 Thermal Discharging
RMT321	1302	'471390168_/_471390165'		6.6	10	10	3.25	8.3	10	0 No	0 Unintentional Islanding
RMT321	1303	'467264058_/_467264055'		6.6	10	10	3.25	8.3	10	0 No	0 Unintentional Islanding
RMT321	1304	'7568036_/_756440220'		5.53	6.67	6.67	0.12	1.53	6.67	5.67 No	0.12 Thermal Discharging
RMT321	1305	'598042481_/_598042497'		1.57	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RMT321	1306	'3260135_/3260149'		6.6	10	10	3.25	8.3	10	0 No	0 Unintentional Islanding
RMT321	1307	'88887270_/3260183_1'		6.6	10	10	3.25	3.7	10	0 No	0 Unintentional Islanding
RMT321	1308	'467264076_/467264073'		6.5	10	10	3.25	8.3	10	0 No	0 Unintentional Islanding
RMT321	1309	'67374985_/3260132'		6.5	10	10	3.25	8.3	10	0 No	0 Unintentional Islanding
RMT321	1310	'3260186_/3260183_2'		6.5	10	10	3.25	3.7	10	0 No	0 Unintentional Islanding
RMT321	1311	'598042513_/598042540'		1.53	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	1312	'3244031_/67374988'		6.5	10	10	3.25	8.3	10	0 No	0 Unintentional Islanding
RMT321	1313	'467264094_/467264091'		6.4	10	10	3.25	8.3	10	0 No	0 Unintentional Islanding
RMT321	1314	'111919042_/92189221_1'		6.4	10	10	3.25	5.9	10	0 No	0 Unintentional Islanding
RMT321	1315	'111918899_/92189221_2'		6.4	10	10	3.25	5.9	10	0 No	0 Unintentional Islanding
RMT321	1316	'3260209_/3260968'		6.4	10	10	3.25	3.7	10	0 No	0 Unintentional Islanding
RMT321	1317	'49932037_/9144761_1'		6.4	10	10	3.25	2.2	10	0 No	0 Unintentional Islanding
RMT321	1318	'467264112_/467264109'		6.3	10	10	3.25	8.3	10	0 No	0 Unintentional Islanding
RMT321	1319	'111918886_/111918910'		6.3	10	10	3.25	5.9	10	0 No	0 Unintentional Islanding
RMT321	1320	'37664238_/37664242'		4.93	6.67	6.67	0.12	1.53	6.67	5.67 No	0.12 Thermal Discharging
RMT321	1321	'467264130_/467264127'		6.2	10	10	3.25	8.3	10	0 No	0 Unintentional Islanding
RMT321	1322	'36971510_/9144761_2'		6.3	10	10	3.25	2.2	10	0 No	0 Unintentional Islanding
RMT321	1323	'560564544_/598042517'		1.5	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	1324	'44072198_/44072186'		6.2	10	10	3.25	3.6	10	0 No	0 Unintentional Islanding
RMT321	1325	'8201003_/8201001'		7.6	10	10	0.18	2.3	10	8.5 No	0.18 Thermal Discharging
RMT321	1326	'3260937_/3260934'		6.2	10	10	3.25	3.7	10	0 No	0 Unintentional Islanding
RMT321	1327	'7879965_/8202559'		3.33	3.33	3.33	1.08	2.03	3.33	0 No	0 Unintentional Islanding
RMT321	1328	'467264148_/467264145'		6.1	10	10	3.25	8.3	10	0 No	0 Unintentional Islanding
RMT321	1329	'7218157_/8829600'		4.93	6.67	6.67	0.12	1.53	6.67	5.67 No	0.12 Thermal Discharging
RMT321	1330	'37664252_/8511947'		7.5	10	10	0.18	2.3	10	8.5 No	0.18 Thermal Discharging
RMT321	1331	'399875651_/399875648'		7.5	10	10	0.18	2.3	10	8.5 No	0.18 Thermal Discharging
RMT321	1332	'37664266_/37664270'		7.5	10	10	0.18	2.3	10	8.5 No	0.18 Thermal Discharging
RMT321	1333	'37664245_/37664249'		7.5	10	10	0.18	2.3	10	8.5 No	0.18 Thermal Discharging
RMT321	1334	'560564576_/560564592'		1.47	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	1335	'87150598_/92189140'		6	10	10	3.25	5.9	10	0 No	0 Unintentional Islanding
RMT321	1336	'251846012_/87150594'		6	10	10	3.25	5.9	10	0 No	0 Unintentional Islanding
RMT321	1337	'87150583_/87150587'		6	10	10	3.25	5.9	10	0 No	0 Unintentional Islanding
RMT321	1338	'87150570_/87150573'		6	10	10	3.25	3.6	10	0 No	0 Unintentional Islanding
RMT321	1339	'251845899_/87150566'		2	3.33	3.33	1.08	1.4	3.33	0 No	0 Unintentional Islanding
RMT321	1340	'3259919_/3260951'		6	10	10	3.25	3.7	10	0 No	0 Unintentional Islanding
RMT321	1341	'3259920_/3259917'		5.9	10	10	3.25	3.7	10	0 No	0 Unintentional Islanding
RMT321	1342	'453334773_/9145607_3'		10	10	10	3.25	4.9	10	0 No	0 Unintentional Islanding
RMT321	1343	'73642239_/87150659'		5.9	10	10	3.25	5.9	10	0 No	0 Unintentional Islanding
RMT321	1344	'453334765_/9145607_2'		10	10	10	0.18	4.9	10	3.76 No	0.18 Thermal Discharging
RMT321	1345	'572147902_/560564657'		1.4	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	1346	'3251057_/9145607_1'		10	10	10	0.18	4.9	10	3.76 No	0.18 Thermal Discharging
RMT321	1347	'108411357_/3255610'		10	10	10	0.18	4.9	10	3.76 No	0.18 Thermal Discharging
RMT321	1348	'3260098_/3260095'		5.7	10	10	3.25	3.7	10	0 No	0 Unintentional Islanding
RMT321	1349	'247847199_/251846044'		2.03	3.33	3.33	1.08	1.4	3.33	0 No	0 Unintentional Islanding
RMT321	1350	'7175782_/44072200'		5.7	10	10	3.25	3.6	10	0 No	0 Unintentional Islanding
RMT321	1351	'3251023_/3251037'		10	10	10	0.18	4.9	10	3.76 No	0.18 Thermal Discharging
RMT321	1352	'76884705_/76884710'		5.7	10	10	3.25	5.9	10	0 No	0 Unintentional Islanding
RMT321	1353	'473658144_/572148262'		1.4	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	1354	'562406348_/76884752'		5.7	10	10	3.25	5.9	10	0 No	0 Unintentional Islanding
RMT321	1355	'3260118_/3260115'		5.7	10	10	3.25	3.7	10	0 No	0 Unintentional Islanding
RMT321	1356	'3251022_/3251020'		10	10	10	0.18	4.9	10	3.76 No	0.18 Thermal Discharging
RMT321	1357	'43286437_/3260282'		5.6	10	10	3.25	3.7	10	0 No	0 Unintentional Islanding
RMT321	1358	'7175802_/7175799'		5.6	10	10	3.25	3.6	10	0 No	0 Unintentional Islanding
RMT321	1359	'76884675_/562406380'		5.6	10	10	3.25	5.9	10	0 No	0 Unintentional Islanding
RMT321	1360	'7500222_/7500220_1'		5.6	10	10	3.25	2.2	10	0 No	0 Unintentional Islanding
RMT321	1361	'3251006_/3255593'		10	10	10	0.18	4.9	10	3.76 No	0.18 Thermal Discharging
RMT321	1362	'247847244_/247847263'		2.03	3.33	3.33	1.08	1.4	3.33	0 No	0 Unintentional Islanding
RMT321	1363	'3260459_/3260456'		3.33	3.33	3.33	0.06	1.1	3.33	1.25 No	0.06 Thermal Discharging
RMT321	1364	'7500223_/7500220_2'		5.5	10	10	3.25	2.2	10	0 No	0 Unintentional Islanding
RMT321	1365	'484540776_/473658160_1'		1.37	3.33	3.33	1.08	1.2	3.33	0 No	0 Unintentional Islanding
RMT321	1366	'562406314_/562406391'		5.6	10	10	3.25	5.9	10	0 No	0 Unintentional Islanding
RMT321	1367	'43291738_/43286439'		5.5	10	10	3.25	3.7	10	0 No	0 Unintentional Islanding
RMT321	1368	'76884624_/76884686'		5.5	10	10	3.25	5.9	10	0 No	0 Unintentional Islanding
RMT321	1369	'247850761_/247850771'		2.03	3.33	3.33	1.08	1.4	3.33	0 No	0 Unintentional Islanding
RMT321	1370	'43285718_/43285720'		10	10	10	0.18	4.9	10	3.76 No	0.18 Thermal Discharging
RMT321	1371	'87849630_/87849636'		5.5	10	10	3.25	5.9	10	0 No	0 Unintentional Islanding
RMT321	1372	'86061200_/87849780'		5.5	10	10	3.25	5.9	10	0 No	0 Unintentional Islanding
RMT321	1373	'87849676_/87849798'		5.4	10	10	3.25	5.9	10	0 No	0 Unintentional Islanding
RMT321	1374	'3263377_/3263374'		10	10	10	0.18	4.5	10	3.76 No	0.18 Thermal Discharging
RMT321	1375	'9143679_/9459164'		6.5	10	10	0.18	2.3	10	8.5 No	0.18 Thermal Discharging
RMT321	1376	'479082414_/3263394'		3.33	3.33	3.33	0.06	1.5	3.33	1.25 No	0.06 Thermal Discharging
RMT321	1377	'3290949_/3291292'		5.4	10	10	3.25	3.7	10	0 No	0 Unintentional Islanding
RMT321	1378	'9143680_/9143677'		6.4	10	10	0.18	2.3	10	8.5 No	0.18 Thermal Discharging
RMT321	1379	'325394418_/325394465'		2.03	3.33	3.33	1.08	1.4	3.33	0 No	0 Unintentional Islanding
RMT321	1380	'154972849_/43286190_2'		3.33	3.33	3.33	0.06	1.1	3.33	1.25 No	0.06 Thermal Discharging
RMT321	1381	'700940928_/700940856_2'		10	10	10	0.18	4.5	10	3.76 No	0.18 Thermal Discharging
RMT321	1382	'73642230_/73642237'		5.4	10	10	3.25	5.9	10	0 No	0 Unintentional Islanding
RMT321	1383	'3250972_/3250986'		10	10	10	0.18	4.9	10	3.76 No	0.18 Thermal Discharging
RMT321	1384	'3263397_/7880171_1'		3.33	3.33	3.33	0.06	0.4	3.33	1.25 No	0.06 Thermal Discharging
RMT321	1385	'90295797_/90295875'		5.4	10	10	3.25	5.9	10	0 No	0 Unintentional Islanding
RMT321	1386	'90295782_/90295793'		5.4	10	10	3.25	5.9	10	0 No	0 Unintentional Islanding
RMT321	1387	'90295825_/90295821'		5.4	10	10	3.25	5.9	10	0 No	0 Unintentional Islanding
RMT321	1388	'90295783_/90295779'		5.4	10	10	3.25	5.9	10	0 No	0 Unintentional Islanding
RMT321	1389	'90295810_/90295814'		1.8	3.33	3.33	1.08	0.7	3.33	0 No	0 Unintentional Islanding
RMT321	1390	'90295974_/90296041'		1.77	3.33	3.33	1.08	0.7	3.33	0 No	0 Unintentional Islanding
RMT321	1391	'325394490_/325394500'		2.03	3.33	3.33	1.08	1.4	3.33	0 No	0 Unintentional Islanding
RMT321	1392	'3290950_/3290947'		5.3	10	10	3.25	3.7	10	0 No	0 Unintentional Islanding
RMT321	1393	'3250959_/3250969'		10	10	10	0.18	4.9	10	3.76 No	0.18 Thermal Discharging
RMT321	1394	'67766222_/67766233'		1.77	3.33	3.33	1.08	0.7	3.33	0 No	0 Unintentional Islanding
RMT321	1395	'7568486_/700940856_1'		10	10	10	0.18	1.4	10	3.76 No	0.18 Thermal Discharging
RMT321	1396	'7880174_/7880171_2'		3.33	3.33	3.33	0.06	0.4	3.33	1.25 No	0.06 Thermal Discharging
RMT321	1397	'3255633_/3255647'		10	10	10	0.18	4.9	10	3.76 No	0.18 Thermal Discharging
RMT321	1398	'3250946_/3250943_2'		3.33	3.33	3.33	0.06	1.1	3.33	1.25 No	0.06 Thermal Discharging
RMT321	1399	'3290967_/3290964'		5.2	10	10	3.25	3.7	10	0 No	0 Unintentional Islanding

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RMT321	1400	'349011744_/90295923'		5.2	10	10	3.25	5.9	10	0 No	0 Unintentional Islanding
RMT321	1401	'351544690_/351544538'		5.1	10	10	3.25	5.9	10	0 No	0 Unintentional Islanding
RMT321	1402	'351639474_/351639559'		2.03	3.33	3.33	1.08	1.4	3.33	0 No	0 Unintentional Islanding
RMT321	1403	'90294649_/67014830'		1.7	3.33	3.33	1.08	0.7	3.33	0 No	0 Unintentional Islanding
RMT321	1404	'3255632_/3255630'		10	10	10	0.18	4.9	10	3.76 No	0.18 Thermal Discharging
RMT321	1405	'3290990_/3290987'		5.1	10	10	3.25	3.7	10	0 No	0 Unintentional Islanding
RMT321	1406	'7882957_/7882955_1'		5.1	10	10	3.25	2.2	10	0 No	0 Unintentional Islanding
RMT321	1407	'67014819_/90294654'		1.7	3.33	3.33	1.08	0.7	3.33	0 No	0 Unintentional Islanding
RMT321	1408	'351545168_/351545196'		3.27	6.67	6.67	2.16	3.93	6.67	0 No	0 Unintentional Islanding
RMT321	1409	'3250933_/3250943_1'		3.33	3.33	3.33	0.06	0.5	3.33	1.25 No	0.06 Thermal Discharging
RMT321	1410	'43286188_/43286190_1'		3.33	3.33	3.33	0.06	0.4	3.33	1.25 No	0.06 Thermal Discharging
RMT321	1411	'3257852_/3257866'		10	10	10	0.18	4.9	10	3.76 No	0.18 Thermal Discharging
RMT321	1412	'7882958_/7882955_2'		5	10	10	3.25	2.2	10	0 No	0 Unintentional Islanding
RMT321	1413	'3257581_/3257591_1'		3.33	3.33	3.33	0.06	0.4	3.33	1.25 No	0.06 Thermal Discharging
RMT321	1414	'7568487_/700940867'		10	10	10	0.18	1.4	10	3.76 No	0.18 Thermal Discharging
RMT321	1415	'3257832_/3257849'		10	10	10	0.18	4.9	10	3.76 No	0.18 Thermal Discharging
RMT321	1416	'90294245_/67014865'		1.63	3.33	3.33	1.08	0.7	3.33	0 No	0 Unintentional Islanding
RMT321	1417	'351545335_/351545345'		4.9	10	10	3.25	5.9	10	0 No	0 Unintentional Islanding
RMT321	1418	'3257594_/3257591_2'		3.33	3.33	3.33	0.06	0.4	3.33	1.25 No	0.06 Thermal Discharging
RMT321	1419	'3250787_/3257829'		10	10	10	0.18	4.9	10	3.76 No	0.18 Thermal Discharging
RMT321	1420	'384181363_/351639605'		2.07	3.33	3.33	1.08	1.4	3.33	0 No	0 Unintentional Islanding
RMT321	1421	'351639579_/384181396'		2.07	3.33	3.33	1.08	1.4	3.33	0 No	0 Unintentional Islanding
RMT321	1422	'384181430_/384181455'		2.07	3.33	3.33	1.08	1.4	3.33	0 No	0 Unintentional Islanding
RMT321	1423	'384655174_/384655184'		4.8	10	10	3.25	5.9	10	0 No	0 Unintentional Islanding
RMT321	1424	'445372335_/445372354'		4.8	10	10	3.25	5.9	10	0 No	0 Unintentional Islanding
RMT321	1425	'3250786_/3250784'		10	10	10	0.18	4.9	10	3.76 No	0.18 Thermal Discharging
RMT321	1426	'3257962_/3257960'		3.33	3.33	3.33	0.06	0.4	3.33	1.25 No	0.06 Thermal Discharging
RMT321	1427	'90294302_/67014900'		1.57	3.33	3.33	1.08	0.7	3.33	0 No	0 Unintentional Islanding
RMT321	1428	'3255489_/3258015'		10	10	10	0.18	4.9	10	3.76 No	0.18 Thermal Discharging
RMT321	1429	'351639626_/351639667'		2.07	3.33	3.33	1.08	1.4	3.33	0 No	0 Unintentional Islanding
RMT321	1430	'3255488_/3255486'		10	10	10	0.18	4.9	10	3.76 No	0.18 Thermal Discharging
RMT321	1431	'3257976_/3257973'		3.33	3.33	3.33	0.06	0.4	3.33	1.25 No	0.06 Thermal Discharging
RMT321	1432	'3255506_/3257812'		10	10	10	0.18	4.9	10	3.76 No	0.18 Thermal Discharging
RMT321	1433	'3255472_/3255503'		10	10	10	0.18	4.9	10	3.76 No	0.18 Thermal Discharging
RMT321	1434	'351639687_/351639706'		2.07	3.33	3.33	1.08	1.4	3.33	0 No	0 Unintentional Islanding
RMT321	1435	'3255471_/3255469'		10	10	10	0.18	4.9	10	3.76 No	0.18 Thermal Discharging
RMT321	1436	'357743490_/357743500'		2.07	3.33	3.33	1.08	1.4	3.33	0 No	0 Unintentional Islanding
RMT321	1437	'67014924_/67014935'		1.47	3.33	3.33	1.08	0.7	3.33	0 No	0 Unintentional Islanding
RMT321	1438	'7250548_/7250546_1'		10	10	10	0.18	4.9	10	3.76 No	0.18 Thermal Discharging
RMT321	1439	'3257778_/3257792'		10	10	10	0.18	4.9	10	3.76 No	0.18 Thermal Discharging
RMT321	1440	'478787439_/9144267_1'		10	10	10	0.18	2.3	10	3.76 No	0.18 Thermal Discharging
RMT321	1441	'43285707_/43285709'		3.33	3.33	3.33	0.06	0.5	3.33	1.25 No	0.06 Thermal Discharging
RMT321	1442	'392938304_/392938323'		2.07	3.33	3.33	1.08	1.4	3.33	0 No	0 Unintentional Islanding
RMT321	1443	'7878922_/9144267_2'		10	10	10	0.18	2.3	10	3.76 No	0.18 Thermal Discharging
RMT321	1444	'43285696_/3257604'		3.33	3.33	3.33	0.06	0.4	3.33	1.25 No	0.06 Thermal Discharging
RMT321	1445	'67014959_/67014970'		1.43	3.33	3.33	1.08	0.7	3.33	0 No	0 Unintentional Islanding
RMT321	1446	'7250549_/7250546_2'		10	10	10	0.18	4.9	10	3.76 No	0.18 Thermal Discharging
RMT321	1447	'43285672_/3257775'		10	10	10	0.18	4.9	10	3.76 No	0.18 Thermal Discharging
RMT321	1448	'43285790_/3257725'		3.33	3.33	3.33	0.06	1.1	3.33	1.25 No	0.06 Thermal Discharging
RMT321	1449	'392938343_/392938362'		2.1	3.33	3.33	1.08	1.4	3.33	0 No	0 Unintentional Islanding
RMT321	1450	'3260446_/3260469'		3.33	3.33	3.33	0.06	0.4	3.33	1.25 No	0.06 Thermal Discharging
RMT321	1451	'3256790_/3256788_1'		3.33	3.33	3.33	0.06	0.4	3.33	1.25 No	0.06 Thermal Discharging
RMT321	1452	'67014994_/67015005'		1.4	3.33	3.33	1.08	0.7	3.33	0 No	0 Unintentional Islanding
RMT321	1453	'43285658_/43285660'		10	10	10	0.18	4.9	10	3.76 No	0.18 Thermal Discharging
RMT321	1454	'3255667_/3255684'		10	10	10	0.18	4.9	10	3.76 No	0.18 Thermal Discharging
RMT321	1455	'392938397_/392938416'		2.03	3.33	3.33	1.08	1.4	3.33	0 No	0 Unintentional Islanding
RMT321	1456	'3254313_/3255664'		10	10	10	0.18	4.9	10	3.76 No	0.18 Thermal Discharging
RMT321	1457	'3257992_/3257989'		3.33	3.33	3.33	0.06	0.4	3.33	1.25 No	0.06 Thermal Discharging
RMT321	1458	'90294350_/90294361'		1.33	3.33	3.33	1.08	0.7	3.33	0 No	0 Unintentional Islanding
RMT321	1459	'7878514_/8201147_1'		3.33	3.33	3.33	0.06	0.7	3.33	2.83 No	0.06 Thermal Discharging
RMT321	1460	'8201150_/8201147_2'		3.33	3.33	3.33	0.06	0.7	3.33	2.83 No	0.06 Thermal Discharging
RMT321	1461	'392938436_/392938455'		2	3.33	3.33	1.08	1.4	3.33	0 No	0 Unintentional Islanding
RMT321	1462	'3254296_/3254310'		10	10	10	0.18	4.9	10	3.76 No	0.18 Thermal Discharging
RMT321	1463	'43285779_/3258002'		3.33	3.33	3.33	0.06	0.4	3.33	1.25 No	0.06 Thermal Discharging
RMT321	1464	'7567524_/7567522_1'		3.33	3.33	3.33	0.06	0.4	3.33	1.25 No	0.06 Thermal Discharging
RMT321	1465	'43285685_/3255701'		3.33	3.33	3.33	0.06	1.5	3.33	1.25 No	0.06 Thermal Discharging
RMT321	1466	'3248661_/3248658_2'		3.33	3.33	3.33	0.06	2.03	3.33	2.83 No	0.06 Thermal Discharging
RMT321	1467	'3250919_/3250917'		3.33	3.33	3.33	0.06	0.5	3.33	1.25 No	0.06 Thermal Discharging
RMT321	1468	'349011596_/90294396'		1.3	3.33	3.33	1.08	0.7	3.33	0 No	0 Unintentional Islanding
RMT321	1469	'7250053_/7250050_2'		3.33	3.33	3.33	0.06	2.03	3.33	2.83 No	0.06 Thermal Discharging
RMT321	1470	'349011660_/349011731'		1.3	3.33	3.33	1.08	0.7	3.33	0 No	0 Unintentional Islanding
RMT321	1471	'3248648_/3248658_1'		3.33	3.33	3.33	0.06	1.2	3.33	2.83 No	0.06 Thermal Discharging
RMT321	1472	'349011559_/349011713'		1.27	3.33	3.33	1.08	0.7	3.33	0 No	0 Unintentional Islanding
RMT321	1473	'3248431_/3248428_2'		3.33	3.33	3.33	0.06	1.2	3.33	2.83 No	0.06 Thermal Discharging
RMT321	1474	'3254279_/3254293'		10	10	10	0.18	4.9	10	3.76 No	0.18 Thermal Discharging
RMT321	1475	'3248339_/3248336'		3.33	3.33	3.33	0.06	1.2	3.33	2.83 No	0.06 Thermal Discharging
RMT321	1476	'411869017_/411868816_2'		3.33	3.33	3.33	0.06	1.4	3.33	1.25 No	0.06 Thermal Discharging
RMT321	1477	'8512149_/8512147'		3.33	3.33	3.33	0.06	1.2	3.33	2.83 No	0.06 Thermal Discharging
RMT321	1478	'7878481_/8829730_2'		3.33	3.33	3.33	0.06	1.2	3.33	2.83 No	0.06 Thermal Discharging
RMT321	1479	'8829539_/8829730_1'		3.33	3.33	3.33	0.06	1.2	3.33	2.83 No	0.06 Thermal Discharging
RMT321	1480	'3248325_/3248645'		3.33	3.33	3.33	0.06	1.2	3.33	2.83 No	0.06 Thermal Discharging
RMT321	1481	'3248418_/3248428_1'		3.33	3.33	3.33	0.06	1.2	3.33	2.83 No	0.06 Thermal Discharging
RMT321	1482	'3248313_/3248323'		3.33	3.33	3.33	0.06	1.2	3.33	2.83 No	0.06 Thermal Discharging
RMT321	1483	'7250052_/7250050_1'		3.33	3.33	3.33	0.06	1.2	3.33	2.83 No	0.06 Thermal Discharging
RMT321	1484	'9143494_/9143491'		3.33	3.33	3.33	0.06	0.7	3.33	2.83 No	0.06 Thermal Discharging
RMT321	1485	'43282084_/3248441'		3.33	3.33	3.33	0.06	1.2	3.33	2.83 No	0.06 Thermal Discharging
RMT321	1486	'115037901_/8512127_1'		10	10	10	3.25	4.7	10	0 No	0 Unintentional Islanding
RMT321	1487	'3249676_/43286596'		3.33	3.33	3.33	0.06	1.2	3.33	2.83 No	0.06 Thermal Discharging
RMT321	1488	'3256791_/3256788_2'		3.33	3.33	3.33	0.06	0.4	3.33	1.25 No	0.06 Thermal Discharging
RMT321	1489	'3255441_/43285698'		3.33	3.33	3.33	0.06	0.4	3.33	1.25 No	0.06 Thermal Discharging
RMT321	1490	'7567525_/7567522_2'		3.33	3.33	3.33	0.06	0.4	3.33	1.25 No	0.06 Thermal Discharging
RMT321	1491	'3248355_/3248352'		3.33	3.33	3.33	0.06	1.2	3.33	2.83 No	0.06 Thermal Discharging
RMT321	1492	'3260433_/3260443'		3.33	3.33	3.33	0.06	0.4	3.33	1.25 No	0.06 Thermal Discharging
RMT321	1493	'392938523_/392938542'		1.93	3.33	3.33	1.08	1.4	3.33	0 No	0 Unintentional Islanding

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
											VSR (MW)	Limiting Threshold
RMT321	1494	'3248368_/3248365_1'		3.33	3.33	3.33	0.06	1.23	3.33	2.83 No	0.06	Thermal Discharging
RMT321	1495	'384654990_/349011563'		1.27	3.33	3.33	1.08	0.7	3.33	0 No	0	Unintentional Islanding
RMT321	1496	'3247980_/3247977_2'		3.33	3.33	3.33	0.06	2.03	3.33	2.83 No	0.06	Thermal Discharging
RMT321	1497	'90461773_/7878919_2'		10	10	10	0.18	2.3	10	3.76 No	0.18	Thermal Discharging
RMT321	1498	'760354535_/7250654_1'		10	10	10	0.18	4.9	10	3.76 No	0.18	Thermal Discharging
RMT321	1499	'3248457_/43282086'		3.33	3.33	3.33	0.06	1.2	3.33	2.83 No	0.06	Thermal Discharging
RMT321	1500	'8512066_/8829682'		3.33	3.33	3.33	0.06	1.2	3.33	2.83 No	0.06	Thermal Discharging
RMT321	1501	'3248300_/3248310'		3.33	3.33	3.33	0.06	1.2	3.33	2.83 No	0.06	Thermal Discharging
RMT321	1502	'7567065_/9459068'		3.33	3.33	3.33	0.06	0.7	3.33	2.83 No	0.06	Thermal Discharging
RMT321	1503	'3249647_/3249674'		3.33	3.33	3.33	0.06	1.2	3.33	2.83 No	0.06	Thermal Discharging
RMT321	1504	'392938592_/392938611'		1.9	3.33	3.33	1.08	1.4	3.33	0 No	0	Unintentional Islanding
RMT321	1505	'7878482_/7878479'		3.33	3.33	3.33	0.06	1.2	3.33	2.83 No	0.06	Thermal Discharging
RMT321	1506	'3247967_/3247977_1'		3.33	3.33	3.33	0.06	1.2	3.33	2.83 No	0.06	Thermal Discharging
RMT321	1507	'3257665_/7878919_1'		10	10	10	0.18	2.3	10	3.76 No	0.18	Thermal Discharging
RMT321	1508	'384655027_/384655046'		1.23	3.33	3.33	1.08	0.7	3.33	0 No	0	Unintentional Islanding
RMT321	1509	'3254278_/3254276'		10	10	10	0.18	4.9	10	3.76 No	0.18	Thermal Discharging
RMT321	1510	'3247912_/3247909_2'		3.33	3.33	3.33	0.06	2.03	3.33	2.83 No	0.06	Thermal Discharging
RMT321	1511	'43282180_/3248486'		3.33	3.33	3.33	0.06	1.2	3.33	2.83 No	0.06	Thermal Discharging
RMT321	1512	'3248287_/3248297'		3.33	3.33	3.33	0.06	1.2	3.33	2.83 No	0.06	Thermal Discharging
RMT321	1513	'43282062_/3249645'		3.33	3.33	3.33	0.06	1.2	3.33	2.83 No	0.06	Thermal Discharging
RMT321	1514	'3248470_/3248467'		3.33	3.33	3.33	0.06	1.2	3.33	2.83 No	0.06	Thermal Discharging
RMT321	1515	'154947841_/154947814_2'		3.33	3.33	3.33	0.06	2.03	3.33	2.83 No	0.06	Thermal Discharging
RMT321	1516	'7567120_/762391298_2'		3.33	3.33	3.33	0.06	1.4	3.33	1.25 No	0.06	Thermal Discharging
RMT321	1517	'3248514_/43282182'		3.33	3.33	3.33	0.06	1.2	3.33	2.83 No	0.06	Thermal Discharging
RMT321	1518	'43282073_/3248480'		3.33	3.33	3.33	0.06	1.2	3.33	2.83 No	0.06	Thermal Discharging
RMT321	1519	'43282018_/3247964'		3.33	3.33	3.33	0.06	1.2	3.33	2.83 No	0.06	Thermal Discharging
RMT321	1520	'3257666_/3257676_1'		3.33	3.33	3.33	0.06	0.1	3.33	1.25 No	0.06	Thermal Discharging
RMT321	1521	'43282134_/3248284'		3.33	3.33	3.33	0.06	1.2	3.33	2.83 No	0.06	Thermal Discharging
RMT321	1522	'3259517_/3259543_1'		3.33	3.33	3.33	0.06	1.2	3.33	2.83 No	0.06	Thermal Discharging
RMT321	1523	'8830436_/8830434_2'		3.33	3.33	3.33	0.06	2.03	3.33	2.83 No	0.06	Thermal Discharging
RMT321	1524	'3247899_/3247909_1'		3.33	3.33	3.33	0.06	1.2	3.33	2.83 No	0.06	Thermal Discharging
RMT321	1525	'392938633_/392938643'		1.87	3.33	3.33	1.08	1.4	3.33	0 No	0	Unintentional Islanding
RMT321	1526	'43282040_/3248203'		3.33	3.33	3.33	0.06	1.2	3.33	2.83 No	0.06	Thermal Discharging
RMT321	1527	'3251355_/3260716'		10	10	10	0.18	4.9	10	3.76 No	0.18	Thermal Discharging
RMT321	1528	'8830437_/8830434_1'		3.33	3.33	3.33	0.06	1.2	3.33	2.83 No	0.06	Thermal Discharging
RMT321	1529	'3247808_/3248255'		3.33	3.33	3.33	0.06	1.2	3.33	2.83 No	0.06	Thermal Discharging
RMT321	1530	'43286026_/3259514'		3.33	3.33	3.33	0.06	2.03	3.33	2.83 No	0.06	Thermal Discharging
RMT321	1531	'3251338_/3251335_1'		6.67	6.67	6.67	0.12	1	6.67	2.5 No	0.12	Thermal Discharging
RMT321	1532	'3259405_/3259543_2'		3.33	3.33	3.33	0.06	1.2	3.33	2.83 No	0.06	Thermal Discharging
RMT321	1533	'384655073_/384655092'		1.2	3.33	3.33	1.08	0.7	3.33	0 No	0	Unintentional Islanding
RMT321	1534	'3248483_/43282075'		3.33	3.33	3.33	0.06	1.2	3.33	2.83 No	0.06	Thermal Discharging
RMT321	1535	'3247795_/3247805'		3.33	3.33	3.33	0.06	1.2	3.33	2.83 No	0.06	Thermal Discharging
RMT321	1536	'3247821_/3248271'		2.97	3.33	3.33	0.06	1.2	3.33	2.83 No	0.06	Thermal Discharging
RMT321	1537	'43282067_/43282064'		3.33	3.33	3.33	0.06	1.2	3.33	2.83 No	0.06	Thermal Discharging
RMT321	1538	'3247954_/3248006'		3.33	3.33	3.33	0.06	1.2	3.33	2.83 No	0.06	Thermal Discharging
RMT321	1539	'3248064_/3248061'		3.33	3.33	3.33	0.06	0.7	3.33	2.83 No	0.06	Thermal Discharging
RMT321	1540	'3248515_/3248512'		3.33	3.33	3.33	0.06	1.2	3.33	2.83 No	0.06	Thermal Discharging
RMT321	1541	'43281996_/43281998'		3.33	3.33	3.33	0.06	1.2	3.33	2.83 No	0.06	Thermal Discharging
RMT321	1542	'3248232_/3248242'		3.33	3.33	3.33	0.06	1.2	3.33	2.83 No	0.06	Thermal Discharging
RMT321	1543	'3248180_/3248190'		3.33	3.33	3.33	0.06	1.2	3.33	2.83 No	0.06	Thermal Discharging
RMT321	1544	'3248528_/3248525'		3.33	3.33	3.33	0.06	1.2	3.33	2.83 No	0.06	Thermal Discharging
RMT321	1545	'3256764_/3257676_2'		3.33	3.33	3.33	0.06	0.1	3.33	1.25 No	0.06	Thermal Discharging
RMT321	1546	'8511986_/8511983'		2.87	3.33	3.33	0.06	0.7	3.33	2.83 No	0.06	Thermal Discharging
RMT321	1547	'3248219_/3248229'		3.33	3.33	3.33	0.06	1.2	3.33	2.83 No	0.06	Thermal Discharging
RMT321	1548	'7567064_/7567062'		2.53	3.33	3.33	0.06	0.7	3.33	2.83 No	0.06	Thermal Discharging
RMT321	1549	'3251315_/3260682'		10	10	10	0.18	4.9	10	3.76 No	0.18	Thermal Discharging
RMT321	1550	'8200987_/8200985'		2.93	3.33	3.33	0.06	0.7	3.33	2.83 No	0.06	Thermal Discharging
RMT321	1551	'351545296_/384655139'		1.17	3.33	3.33	1.08	0.7	3.33	0 No	0	Unintentional Islanding
RMT321	1552	'43281952_/43281954'		2.67	3.33	3.33	0.06	1.2	3.33	2.83 No	0.06	Thermal Discharging
RMT321	1553	'7878465_/7878463'		2.43	3.33	3.33	0.06	0.7	3.33	2.83 No	0.06	Thermal Discharging
RMT321	1554	'43282029_/43282031'		3.33	3.33	3.33	0.06	1.2	3.33	2.83 No	0.06	Thermal Discharging
RMT321	1555	'8202450_/8202447'		3.33	3.33	3.33	0.06	0.4	3.33	1.25 No	0.06	Thermal Discharging
RMT321	1556	'8202436_/8202433'		3.33	3.33	3.33	0.06	0.77	3.33	2.83 No	0.06	Thermal Discharging
RMT321	1557	'3248051_/3248151'		3.33	3.33	3.33	0.06	1.2	3.33	2.83 No	0.06	Thermal Discharging
RMT321	1558	'43281985_/43281987'		3.33	3.33	3.33	0.06	1.2	3.33	2.83 No	0.06	Thermal Discharging
RMT321	1559	'3248035_/3248048'		3.33	3.33	3.33	0.06	1.2	3.33	2.83 No	0.06	Thermal Discharging
RMT321	1560	'8830452_/8830450'		3.33	3.33	3.33	0.06	1.2	3.33	2.83 No	0.06	Thermal Discharging
RMT321	1561	'3255455_/3257692'		10	10	10	0.18	2.3	10	3.76 No	0.18	Thermal Discharging
RMT321	1562	'9143530_/9459036'		2.67	3.33	3.33	0.06	0.7	3.33	2.83 No	0.06	Thermal Discharging
RMT321	1563	'3260417_/3260430'		3.33	3.33	3.33	0.06	0.4	3.33	1.25 No	0.06	Thermal Discharging
RMT321	1564	'3247953_/3247951'		3.33	3.33	3.33	0.06	1.2	3.33	2.83 No	0.06	Thermal Discharging
RMT321	1565	'8830296_/411868816_1'		3.33	3.33	3.33	0.06	0.5	3.33	1.25 No	0.06	Thermal Discharging
RMT321	1566	'43281941_/43281943'		3.33	3.33	3.33	0.06	1.2	3.33	2.83 No	0.06	Thermal Discharging
RMT321	1567	'3247860_/3247870'		3.33	3.33	3.33	0.06	1.2	3.33	2.83 No	0.06	Thermal Discharging
RMT321	1568	'43282158_/3248541'		3.33	3.33	3.33	0.06	1.2	3.33	2.83 No	0.06	Thermal Discharging
RMT321	1569	'8830349_/9459458_2'		3.33	3.33	3.33	0.06	0.77	3.33	1.25 No	0.06	Thermal Discharging
RMT321	1570	'3247820_/3247818'		2.47	3.33	3.33	0.06	1.2	3.33	2.83 No	0.06	Thermal Discharging
RMT321	1571	'432329946_/432329966'		1.8	3.33	3.33	1.08	1.4	3.33	0 No	0	Unintentional Islanding
RMT321	1572	'7250930_/154947814_1'		3.33	3.33	3.33	0.06	1.2	3.33	2.83 No	0.06	Thermal Discharging
RMT321	1573	'3248022_/3248032'		3.33	3.33	3.33	0.06	1.2	3.33	2.83 No	0.06	Thermal Discharging
RMT321	1574	'43282191_/3251335_2'		6.67	6.67	6.67	0.12	1	6.67	2.5 No	0.12	Thermal Discharging
RMT321	1575	'3259418_/3259416'		3.17	3.33	3.33	0.06	1.2	3.33	2.83 No	0.06	Thermal Discharging
RMT321	1576	'52207190_/52207119'		3.33	3.33	3.33	0.06	1.5	3.33	1.25 No	0.06	Thermal Discharging
RMT321	1577	'3259406_/3259403'		3.33	3.33	3.33	0.06	1.2	3.33	2.83 No	0.06	Thermal Discharging
RMT321	1578	'3254266_/3255580'		3.33	3.33	3.33	0.06	0.5	3.33	1.25 No	0.06	Thermal Discharging
RMT321	1579	'43281936_/43281932'		3.33	3.33	3.33	0.06	1.2	3.33	2.83 No	0.06	Thermal Discharging
RMT321	1580	'7250331_/8830098'		3.33	3.33	3.33	0.06	0.4	3.33	1.25 No	0.06	Thermal Discharging
RMT321	1581	'3248021_/3248019'		3.33	3.33	3.33	0.06	1.2	3.33	2.83 No	0.06	Thermal Discharging
RMT321	1582	'8201133_/8201131'		2.23	3.33	3.33	0.06	0.7	3.33	2.83 No	0.06	Thermal Discharging
RMT321	1583	'3251298_/3251312'		10	10	10	0.18	4.9	10	3.76 No	0.18	Thermal Discharging
RMT321	1584	'432329986_/432330005'		1.77	3.33	3.33	1.08	1.4	3.33	0 No	0	Unintentional Islanding
RMT321	1585	'3248560_/3248557'		3.33	3.33	3.33	0.06	1.2	3.33	2.83 No	0.06	Thermal Discharging
RMT321	1586	'3247794_/3247792'		3.33	3.33	3.33	0.06	1.2	3.33	2.83 No	0.06	Thermal Discharging
RMT321	1587	'3249061_/3249943'		6.67	6.67	6.67	0.12	1	6.67	2.5 No	0.12	Thermal Dis

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RMT321	1588	'43281974_/3247857'	3.33	3.33	3.33	0.06	1.2	3.33	2.83 No	0.06	Thermal Discharging
RMT321	1589	'3255305_/3257712'	3.33	3.33	3.33	0.06	0.4	3.33	1.25 No	0.06	Thermal Discharging
RMT321	1590	'52207207_/52207155_2'	3.33	3.33	3.33	0.06	1.4	3.33	1.25 No	0.06	Thermal Discharging
RMT321	1591	'762391276_/762391298_1'	3.33	3.33	3.33	0.06	0.4	3.33	1.25 No	0.06	Thermal Discharging
RMT321	1592	'3254329_/3255439'	3.33	3.33	3.33	0.06	0.4	3.33	1.25 No	0.06	Thermal Discharging
RMT321	1593	'3247847_/3247938'	3.33	3.33	3.33	0.06	1.2	3.33	2.83 No	0.06	Thermal Discharging
RMT321	1594	'3247769_/3247779'	3.33	3.33	3.33	0.06	1.2	3.33	2.83 No	0.06	Thermal Discharging
RMT321	1595	'350267868_/350267842_1'	3.33	3.33	3.33	0.06	0.3	3.33	1.25 No	0.06	Thermal Discharging
RMT321	1596	'7250001_/7567134'	3.33	3.33	3.33	0.06	0.4	3.33	1.25 No	0.06	Thermal Discharging
RMT321	1597	'7567152_/9143527'	2.33	3.33	3.33	0.06	0.7	3.33	2.83 No	0.06	Thermal Discharging
RMT321	1598	'7567153_/7567150'	2.33	3.33	3.33	0.06	0.7	3.33	2.83 No	0.06	Thermal Discharging
RMT321	1599	'8201186_/8201183'	2.33	3.33	3.33	0.06	0.7	3.33	2.83 No	0.06	Thermal Discharging
RMT321	1600	'8201683_/411868857'	3.33	3.33	3.33	0.06	0.5	3.33	1.25 No	0.06	Thermal Discharging
RMT321	1601	'3248573_/3248570'	3.33	3.33	3.33	0.06	1.2	3.33	2.83 No	0.06	Thermal Discharging
RMT321	1602	'43282214_/43282216'	10	10	10	0.18	4.9	10	3.76 No	0.18	Thermal Discharging
RMT321	1603	'432330038_/432330057'	1.73	3.33	3.33	1.08	1.4	3.33	0 No	0	Unintentional Islanding
RMT321	1604	'3247768_/3247766'	3.33	3.33	3.33	0.06	1.2	3.33	2.83 No	0.06	Thermal Discharging
RMT321	1605	'43281963_/43281965'	3.33	3.33	3.33	0.06	1.2	3.33	2.83 No	0.06	Thermal Discharging
RMT321	1606	'7218172_/7567188_1'	3.33	3.33	3.33	0.06	0.5	3.33	1.25 No	0.06	Thermal Discharging
RMT321	1607	'8831040_/9145223'	3.33	3.33	3.33	0.06	0.4	3.33	1.25 No	0.06	Thermal Discharging
RMT321	1608	'43282169_/3248586'	3.33	3.33	3.33	0.06	1.2	3.33	2.83 No	0.06	Thermal Discharging
RMT321	1609	'3254343_/3255452'	10	10	10	0.18	2.3	10	3.76 No	0.18	Thermal Discharging
RMT321	1610	'3249960_/3249958'	10	10	10	0.18	4.9	10	3.76 No	0.18	Thermal Discharging
RMT321	1611	'7566996_/9143543'	2.17	3.33	3.33	0.06	0.7	3.33	2.83 No	0.06	Thermal Discharging
RMT321	1612	'3249060_/3249058'	6.67	6.67	6.67	0.12	1	6.67	2.5 No	0.12	Thermal Discharging
RMT321	1613	'432330096_/432330115'	1.7	3.33	3.33	1.08	1.4	3.33	0 No	0	Unintentional Islanding
RMT321	1614	'7566909_/7566906'	3	3.33	3.33	0.06	0.77	3.33	2.83 No	0.06	Thermal Discharging
RMT321	1615	'7218156_/7218154'	3.17	3.33	3.33	0.06	0.77	3.33	2.83 No	0.06	Thermal Discharging
RMT321	1616	'7566997_/7566994'	2.17	3.33	3.33	0.06	0.7	3.33	2.83 No	0.06	Thermal Discharging
RMT321	1617	'3256765_/3256762'	3.33	3.33	3.33	0.06	0.1	3.33	1.25 No	0.06	Thermal Discharging
RMT321	1618	'3248602_/43282171'	3.33	3.33	3.33	0.06	1.2	3.33	2.83 No	0.06	Thermal Discharging
RMT321	1619	'3247756_/3247831'	3.33	3.33	3.33	0.06	1.2	3.33	2.83 No	0.06	Thermal Discharging
RMT321	1620	'351546065_/351545899'	1.73	3.33	3.33	1.08	1.97	3.33	0 No	0	Unintentional Islanding
RMT321	1621	'351546083_/351545923'	1.73	3.33	3.33	1.08	1.97	3.33	0 No	0	Unintentional Islanding
RMT321	1622	'351546071_/351545907'	1.73	3.33	3.33	1.08	1.97	3.33	0 No	0	Unintentional Islanding
RMT321	1623	'8829587_/8829650'	1.93	3.33	3.33	0.06	0.7	3.33	2.83 No	0.06	Thermal Discharging
RMT321	1624	'432330152_/432330171'	1.67	3.33	3.33	1.08	1.4	3.33	0 No	0	Unintentional Islanding
RMT321	1625	'52207148_/52207155_1'	3.33	3.33	3.33	0.06	0.4	3.33	1.25 No	0.06	Thermal Discharging
RMT321	1626	'43281919_/43281921'	3.33	3.33	3.33	0.06	1.2	3.33	2.83 No	0.06	Thermal Discharging
RMT321	1627	'7878401_/7878399'	2.8	3.33	3.33	0.06	0.77	3.33	2.83 No	0.06	Thermal Discharging
RMT321	1628	'432330208_/432330218'	1.67	3.33	3.33	1.08	1.4	3.33	0 No	0	Unintentional Islanding
RMT321	1629	'351546077_/351545140'	1.77	3.33	3.33	1.08	1.97	3.33	0 No	0	Unintentional Islanding
RMT321	1630	'8512082_/8512079'	2.03	3.33	3.33	0.06	0.7	3.33	2.83 No	0.06	Thermal Discharging
RMT321	1631	'351546064_/351545915'	1.77	3.33	3.33	1.08	1.97	3.33	0 No	0	Unintentional Islanding
RMT321	1632	'3260404_/3260414'	3.33	3.33	3.33	0.06	0.4	3.33	1.25 No	0.06	Thermal Discharging
RMT321	1633	'446101828_/446101847'	1.63	3.33	3.33	1.08	1.4	3.33	0 No	0	Unintentional Islanding
RMT321	1634	'3254342_/3254340'	10	10	10	0.18	2.3	10	3.76 No	0.18	Thermal Discharging
RMT321	1635	'8829701_/8829698'	1.93	3.33	3.33	0.06	0.7	3.33	2.83 No	0.06	Thermal Discharging
RMT321	1636	'7878418_/9458988'	2.63	3.33	3.33	0.06	0.77	3.33	2.83 No	0.06	Thermal Discharging
RMT321	1637	'351545240_/351545259'	1.7	3.33	3.33	1.08	1.97	3.33	0 No	0	Unintentional Islanding
RMT321	1638	'3255306_/3255303'	3.33	3.33	3.33	0.06	0.4	3.33	1.25 No	0.06	Thermal Discharging
RMT321	1639	'394884337_/351545315_1'	1.23	3.33	3.33	1.08	0.7	3.33	0 No	0	Unintentional Islanding
RMT321	1640	'3247730_/3247740'	2.77	3.33	3.33	0.06	1.2	3.33	2.83 No	0.06	Thermal Discharging
RMT321	1641	'3247546_/3254263'	3.33	3.33	3.33	0.06	0.5	3.33	1.25 No	0.06	Thermal Discharging
RMT321	1642	'154849910_/154947803'	3.1	3.33	3.33	0.06	1.2	3.33	2.83 No	0.06	Thermal Discharging
RMT321	1643	'8512065_/8512063_1'	1.9	3.33	3.33	0.06	1.2	3.33	2.83 No	0.06	Thermal Discharging
RMT321	1644	'446101901_/446101920'	1.63	3.33	3.33	1.08	1.4	3.33	0 No	0	Unintentional Islanding
RMT321	1645	'3256694_/3256691'	3.33	3.33	3.33	0.06	0.77	3.33	1.25 No	0.06	Thermal Discharging
RMT321	1646	'43281908_/43281910'	2.63	3.33	3.33	0.06	1.2	3.33	2.83 No	0.06	Thermal Discharging
RMT321	1647	'3250011_/3250009'	6.67	6.67	6.67	0.12	1	6.67	2.5 No	0.12	Thermal Discharging
RMT321	1648	'7878417_/7878415'	2.47	3.33	3.33	0.06	0.77	3.33	2.83 No	0.06	Thermal Discharging
RMT321	1649	'43282227_/3254327'	3.33	3.33	3.33	0.06	0.4	3.33	1.25 No	0.06	Thermal Discharging
RMT321	1650	'7250069_/8512183_1'	3.33	3.33	3.33	0.06	0.3	3.33	1.25 No	0.06	Thermal Discharging
RMT321	1651	'7566893_/9143395'	2.53	3.33	3.33	0.06	0.77	3.33	2.83 No	0.06	Thermal Discharging
RMT321	1652	'446101940_/446101959'	1.6	3.33	3.33	1.08	1.4	3.33	0 No	0	Unintentional Islanding
RMT321	1653	'3250030_/3250027'	6.67	6.67	6.67	0.12	1	6.67	2.5 No	0.12	Thermal Discharging
RMT321	1654	'45329804_/3247714'	2.5	3.33	3.33	0.06	1.2	3.33	2.83 No	0.06	Thermal Discharging
RMT321	1655	'8201070_/9459052_2'	3.33	3.33	3.33	0.06	0.5	3.33	1.25 No	0.06	Thermal Discharging
RMT321	1656	'8201054_/8201051_2'	3.33	3.33	3.33	0.06	0.5	3.33	1.25 No	0.06	Thermal Discharging
RMT321	1657	'446101994_/446102013'	1.6	3.33	3.33	1.08	1.4	3.33	0 No	0	Unintentional Islanding
RMT321	1658	'9143430_/9143427'	2.3	3.33	3.33	0.06	0.77	3.33	2.83 No	0.06	Thermal Discharging
RMT321	1659	'456151034_/456151107'	1.57	3.33	3.33	1.08	1.4	3.33	0 No	0	Unintentional Islanding
RMT321	1660	'9144655_/154947792'	2.53	3.33	3.33	0.06	1.2	3.33	2.83 No	0.06	Thermal Discharging
RMT321	1661	'3254161_/3254357'	10	10	10	0.18	2.3	10	3.76 No	0.18	Thermal Discharging
RMT321	1662	'761454263_/761454285'	2.3	3.33	3.33	0.06	0.77	3.33	2.83 No	0.06	Thermal Discharging
RMT321	1663	'456150986_/456151053'	1.57	3.33	3.33	1.08	1.4	3.33	0 No	0	Unintentional Islanding
RMT321	1664	'456150947_/456151005'	1.53	3.33	3.33	1.08	1.4	3.33	0 No	0	Unintentional Islanding
RMT321	1665	'7566892_/7566890'	2.27	3.33	3.33	0.06	0.77	3.33	2.83 No	0.06	Thermal Discharging
RMT321	1666	'8201022_/9458972'	2.13	3.33	3.33	0.06	0.77	3.33	2.83 No	0.06	Thermal Discharging
RMT321	1667	'8512001_/8511999'	2.17	3.33	3.33	0.06	0.77	3.33	2.83 No	0.06	Thermal Discharging
RMT321	1668	'3256807_/3256804'	2.43	3.33	3.33	0.06	0.4	3.33	1.25 No	0.06	Thermal Discharging
RMT321	1669	'8512050_/8512183_2'	3.33	3.33	3.33	0.06	0.3	3.33	1.25 No	0.06	Thermal Discharging
RMT321	1670	'456150884_/456150966'	1.53	3.33	3.33	1.08	1.4	3.33	0 No	0	Unintentional Islanding
RMT321	1671	'8512475_/9459458_1'	3.33	3.33	3.33	0.06	0.1	3.33	1.25 No	0.06	Thermal Discharging
RMT321	1672	'45329879_/3247530'	3.33	3.33	3.33	0.06	0.5	3.33	1.25 No	0.06	Thermal Discharging
RMT321	1673	'3256710_/3256707'	3.33	3.33	3.33	0.06	0.77	3.33	1.25 No	0.06	Thermal Discharging
RMT321	1674	'7566944_/8201019'	2.03	3.33	3.33	0.06	0.77	3.33	2.83 No	0.06	Thermal Discharging
RMT321	1675	'456150845_/456150903'	1.5	3.33	3.33	1.08	1.4	3.33	0 No	0	Unintentional Islanding
RMT321	1676	'9458942_/9458940'	2.1	3.33	3.33	0.06	0.77	3.33	2.83 No	0.06	Thermal Discharging
RMT321	1677	'43286177_/43286179'	2.63	3.33	3.33	0.06	0.4	3.33	1.25 No	0.06	Thermal Discharging
RMT321	1678	'8201684_/411868868'	3.33	3.33	3.33	0.06	0.5	3.33	1.25 No	0.06	Thermal Discharging
RMT321	1679	'3255292_/3255734'	3.33	3.33	3.33	0.06	0.77	3.33	1.25 No	0.06	Thermal Discharging
RMT321	1680	'7566945_/7566942'	1.93	3.33	3.33	0.06	0.77	3.33	2.83 No	0.06	Thermal Discharging
RMT321	1681	'3247640_/3247637'	3.33	3.33	3.33	0.06	0.5	3.33	1.25 No	0.06	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RMT321	1682	'3247506_/3254250'		3.33	3.33	3.33	0.06	0.4	3.33	1.25 No	0.06 Thermal Discharging
RMT321	1683	'456150806_/456150864'		1.47	3.33	3.33	1.08	1.4	3.33	0 No	0 Unintentional Islanding
RMT321	1684	'456150684_/456150825'		1.47	3.33	3.33	1.08	1.4	3.33	0 No	0 Unintentional Islanding
RMT321	1685	'43282592_/3250045'		3.33	3.33	3.33	0.06	0.5	3.33	1.25 No	0.06 Thermal Discharging
RMT321	1686	'8755988_/9700110'		1.93	3.33	3.33	0.06	0.77	3.33	2.83 No	0.06 Thermal Discharging
RMT321	1687	'7567190_/7567188_2'		3.33	3.33	3.33	0.06	0.5	3.33	1.25 No	0.06 Thermal Discharging
RMT321	1688	'7878449_/9459052_1'		3.33	3.33	3.33	0.06	0.3	3.33	1.25 No	0.06 Thermal Discharging
RMT321	1689	'473071215_/473071633'		1.43	3.33	3.33	1.08	1.4	3.33	0 No	0 Unintentional Islanding
RMT321	1690	'7566960_/8829618'		1.8	3.33	3.33	0.06	0.77	3.33	2.83 No	0.06 Thermal Discharging
RMT321	1691	'473071170_/473071229'		1.43	3.33	3.33	1.08	1.4	3.33	0 No	0 Unintentional Islanding
RMT321	1692	'43285497_/3256720'		3.33	3.33	3.33	0.06	0.77	3.33	1.25 No	0.06 Thermal Discharging
RMT321	1693	'7878434_/7878431'		1.77	3.33	3.33	0.06	0.77	3.33	2.83 No	0.06 Thermal Discharging
RMT321	1694	'3247493_/3247517'		3.33	3.33	3.33	0.06	0.5	3.33	1.25 No	0.06 Thermal Discharging
RMT321	1695	'460776177_/3247491'		3.33	3.33	3.33	0.06	0.5	3.33	1.25 No	0.06 Thermal Discharging
RMT321	1696	'7566961_/7566958'		1.77	3.33	3.33	0.06	0.77	3.33	2.83 No	0.06 Thermal Discharging
RMT321	1697	'9144290_/411868885'		2.37	3.33	3.33	0.06	0.5	3.33	1.25 No	0.06 Thermal Discharging
RMT321	1698	'460776193_/446981630_1'		3.33	3.33	3.33	0.06	0.3	3.33	1.25 No	0.06 Thermal Discharging
RMT321	1699	'7218141_/8512457_1'		3.33	3.33	3.33	0.06	0.3	3.33	1.25 No	0.06 Thermal Discharging
RMT321	1700	'8512034_/8512047'		3.33	3.33	3.33	0.06	0.3	3.33	1.25 No	0.06 Thermal Discharging
RMT321	1701	'3255293_/3255290'		3.33	3.33	3.33	0.06	0.77	3.33	1.25 No	0.06 Thermal Discharging
RMT321	1702	'473071138_/473071186'		1.4	3.33	3.33	1.08	1.4	3.33	0 No	0 Unintentional Islanding
RMT321	1703	'8201038_/8201035'		1.7	3.33	3.33	0.06	0.77	3.33	2.83 No	0.06 Thermal Discharging
RMT321	1704	'564993452_/564993456'		1.4	3.33	3.33	1.08	1.4	3.33	0 No	0 Unintentional Islanding
RMT321	1705	'43282238_/3247504'		2.4	3.33	3.33	0.06	0.4	3.33	1.25 No	0.06 Thermal Discharging
RMT321	1706	'8512460_/8512457_2'		3.33	3.33	3.33	0.06	0.3	3.33	1.25 No	0.06 Thermal Discharging
RMT321	1707	'3247561_/3247650'		2.27	3.33	3.33	0.06	0.5	3.33	1.25 No	0.06 Thermal Discharging
RMT321	1708	'3260403_/3260401'		2	3.33	3.33	0.06	0.4	3.33	1.25 No	0.06 Thermal Discharging
RMT321	1709	'68295875_/8511967_1'		1.63	3.33	3.33	0.06	0.3	3.33	1.25 No	0.06 Thermal Discharging
RMT321	1710	'3256736_/43285499'		3.33	3.33	3.33	0.06	0.77	3.33	1.25 No	0.06 Thermal Discharging
RMT321	1711	'564993482_/564993498'		1.37	3.33	3.33	1.08	1.4	3.33	0 No	0 Unintentional Islanding
RMT321	1712	'8201053_/8201051_1'		3.33	3.33	3.33	0.06	0.3	3.33	1.25 No	0.06 Thermal Discharging
RMT321	1713	'9144067_/411868902'		1.9	3.33	3.33	0.06	0.5	3.33	1.25 No	0.06 Thermal Discharging
RMT321	1714	'8512033_/8512031'		3.33	3.33	3.33	0.06	0.3	3.33	1.25 No	0.06 Thermal Discharging
RMT321	1715	'564993514_/564993530'		1.33	3.33	3.33	1.08	1.4	3.33	0 No	0 Unintentional Islanding
RMT321	1716	'3262742_/3262739'		3.33	3.33	3.33	0.06	0.77	3.33	1.25 No	0.06 Thermal Discharging
RMT321	1717	'154943351_/154943324_1'		1.73	3.33	3.33	0.06	1.2	3.33	2.83 No	0.06 Thermal Discharging
RMT321	1718	'564993546_/564993562'		1.33	3.33	3.33	1.08	1.4	3.33	0 No	0 Unintentional Islanding
RMT321	1719	'3247562_/3247559'		2.03	3.33	3.33	0.06	0.5	3.33	1.25 No	0.06 Thermal Discharging
RMT321	1720	'3256749_/3256746'		3.33	3.33	3.33	0.06	0.77	3.33	1.25 No	0.06 Thermal Discharging
RMT321	1721	'36426146_/8755986'		1.6	3.33	3.33	0.06	0.77	3.33	2.83 No	0.06 Thermal Discharging
RMT321	1722	'9144052_/446981630_2'		3.33	3.33	3.33	0.06	0.3	3.33	1.25 No	0.06 Thermal Discharging
RMT321	1723	'701752178_/564993576'		1.3	3.33	3.33	1.08	1.4	3.33	0 No	0 Unintentional Islanding
RMT321	1724	'7878450_/7878447'		3.33	3.33	3.33	0.06	0.3	3.33	1.25 No	0.06 Thermal Discharging
RMT321	1725	'3249431_/3249429_1'		10	10	10	3.25	1.5	10	0 No	0 Unintentional Islanding
RMT321	1726	'473071106_/701752202'		1.3	3.33	3.33	1.08	1.4	3.33	0 No	0 Unintentional Islanding
RMT321	1727	'36426114_/44085506'		1.53	3.33	3.33	0.06	0.77	3.33	2.83 No	0.06 Thermal Discharging
RMT321	1728	'7250346_/411868913'		1.63	3.33	3.33	0.06	0.5	3.33	1.25 No	0.06 Thermal Discharging
RMT321	1729	'3249432_/3249429_2'		10	10	10	3.25	1.5	10	0 No	0 Unintentional Islanding
RMT321	1730	'473071074_/473071122'		1.27	3.33	3.33	1.08	1.4	3.33	0 No	0 Unintentional Islanding
RMT321	1731	'7878385_/8512473'		2	3.33	3.33	0.06	0.1	3.33	1.25 No	0.06 Thermal Discharging
RMT321	1732	'3249076_/43282240'		1.9	3.33	3.33	0.06	0.4	3.33	1.25 No	0.06 Thermal Discharging
RMT321	1733	'8437455_/44085495'		1.47	3.33	3.33	0.06	0.77	3.33	2.83 No	0.06 Thermal Discharging
RMT321	1734	'8437454_/8437452'		1.47	3.33	3.33	0.06	0.77	3.33	2.83 No	0.06 Thermal Discharging
RMT321	1735	'473071038_/473071090'		1.23	3.33	3.33	1.08	1.4	3.33	0 No	0 Unintentional Islanding
RMT321	1736	'8829636_/8829746'		3.33	3.33	3.33	0.06	0.3	3.33	1.25 No	0.06 Thermal Discharging
RMT321	1737	'473071020_/473071054'		1.23	3.33	3.33	1.08	1.4	3.33	0 No	0 Unintentional Islanding
RMT321	1738	'43282271_/3247572'		1.77	3.33	3.33	0.06	0.5	3.33	1.25 No	0.06 Thermal Discharging
RMT321	1739	'3249089_/3249086'		1.8	3.33	3.33	0.06	0.4	3.33	1.25 No	0.06 Thermal Discharging
RMT321	1740	'462145690_/462145700'		1.23	3.33	3.33	1.08	1.4	3.33	0 No	0 Unintentional Islanding
RMT321	1741	'677673042_/453131478'		1.23	3.33	3.33	1.08	1.4	3.33	0 No	0 Unintentional Islanding
RMT321	1742	'8829669_/8829666'		1.4	3.33	3.33	0.06	0.77	3.33	2.83 No	0.06 Thermal Discharging
RMT321	1743	'677673128_/677673144'		1.2	3.33	3.33	1.08	1.4	3.33	0 No	0 Unintentional Islanding
RMT321	1744	'7878386_/7878383'		1.8	3.33	3.33	0.06	0.1	3.33	1.25 No	0.06 Thermal Discharging
RMT321	1745	'7250347_/411868924'		1.43	3.33	3.33	0.06	0.5	3.33	1.25 No	0.06 Thermal Discharging
RMT321	1746	'7250139_/9143697'		1.37	3.33	3.33	0.06	0.77	3.33	2.83 No	0.06 Thermal Discharging
RMT321	1747	'677673160_/677673176'		1.2	3.33	3.33	1.08	1.4	3.33	0 No	0 Unintentional Islanding
RMT321	1748	'3247588_/43282273'		1.6	3.33	3.33	0.06	0.5	3.33	1.25 No	0.06 Thermal Discharging
RMT321	1749	'7250138_/7250136'		1.33	3.33	3.33	0.06	0.77	3.33	2.83 No	0.06 Thermal Discharging
RMT321	1750	'677673192_/677673208'		1.17	3.33	3.33	1.08	1.4	3.33	0 No	0 Unintentional Islanding
RMT321	1751	'7218207_/8201083'		1.5	3.33	3.33	0.06	0.5	3.33	1.25 No	0.06 Thermal Discharging
RMT321	1752	'677673224_/677673240'		1.17	3.33	3.33	1.08	1.4	3.33	0 No	0 Unintentional Islanding
RMT321	1753	'8512914_/411868941'		1.3	3.33	3.33	0.06	0.5	3.33	1.25 No	0.06 Thermal Discharging
RMT321	1754	'7567206_/7567204'		1.3	3.33	3.33	0.06	0.77	3.33	2.83 No	0.06 Thermal Discharging
RMT321	1755	'3253849_/3254159'		3.8	10	10	0.18	2.3	10	3.76 No	0.18 Thermal Discharging
RMT321	1756	'503061832_/484582031_2'		1.27	3.33	3.33	0.06	0.77	3.33	1.25 No	0.06 Thermal Discharging
RMT321	1757	'677673256_/677673272'		1.13	3.33	3.33	1.08	1.4	3.33	0 No	0 Unintentional Islanding
RMT321	1758	'3247601_/3247598'		1.5	3.33	3.33	0.06	0.5	3.33	1.25 No	0.06 Thermal Discharging
RMT321	1759	'3249170_/3249180'		1.53	3.33	3.33	0.06	0.4	3.33	1.25 No	0.06 Thermal Discharging
RMT321	1760	'677673288_/677673304'		1.13	3.33	3.33	1.08	1.4	3.33	0 No	0 Unintentional Islanding
RMT321	1761	'677673071_/677673318'		1.13	3.33	3.33	1.08	1.4	3.33	0 No	0 Unintentional Islanding
RMT321	1762	'489224166_/677673075'		1.1	3.33	3.33	1.08	1.4	3.33	0 No	0 Unintentional Islanding
RMT321	1763	'8512114_/8829634'		2.13	3.33	3.33	0.06	0.3	3.33	1.25 No	0.06 Thermal Discharging
RMT321	1764	'7558799_/7558797_1'		3.33	3.33	3.33	1.08	0.4	3.33	0 No	0 Unintentional Islanding
RMT321	1765	'3253848_/3253846'		3.5	10	10	0.18	2.3	10	3.76 No	0.18 Thermal Discharging
RMT321	1766	'8830860_/8830858_1'		3.33	3.33	3.33	1.08	0.4	3.33	0 No	0 Unintentional Islanding
RMT321	1767	'8831249_/9143379_1'		3.33	3.33	3.33	1.08	0.4	3.33	0 No	0 Unintentional Islanding
RMT321	1768	'489224239_/489224301'		1.1	3.33	3.33	1.08	1.4	3.33	0 No	0 Unintentional Islanding
RMT321	1769	'7250250_/8201379_2'		3.33	3.33	3.33	1.08	0.4	3.33	0 No	0 Unintentional Islanding
RMT321	1770	'700563589_/9143961_2'		10	10	10	3.25	1.4	10	0 No	0 Unintentional Islanding
RMT321	1771	'492379663_/3254126_1'		1.17	3.33	3.33	0.06	0.3	3.33	1.25 No	0.06 Thermal Discharging
RMT321	1772	'7880158_/8513131_2'		3.33	3.33	3.33	1.08	0.4	3.33	0 No	0 Unintentional Islanding
RMT321	1773	'489224271_/585319160'		1.1	3.33	3.33	1.08	1.4	3.33	0 No	0 Unintentional Islanding
RMT321	1774	'3247614_/3247611'		1.4	3.33	3.33	0.06	0.5	3.33	1.25 No	0.06 Thermal Discharging
RMT321	1775	'7251175_/7251172_2'		3.33	3.33	3.33	1.08	0.4	3.33	0 No	0 Unintentional Islanding

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RMT321	1776	'43286213_/_43286201'		10	10	10	3.25	1.5	10	0 No	0 Unintentional Islanding
RMT321	1777	'8162461_/_8513131_1'		3.33	3.33	3.33	1.08	0.4	3.33	0 No	0 Unintentional Islanding
RMT321	1778	'9143366_/_9143379_2'		3.33	3.33	3.33	1.08	0.4	3.33	0 No	0 Unintentional Islanding
RMT321	1779	'3263430_/_43286215'		10	10	10	3.25	1.5	10	0 No	0 Unintentional Islanding
RMT321	1780	'7251718_/_7251716_1'		10	10	10	3.25	0.9	10	0 No	0 Unintentional Islanding
RMT321	1781	'107184762_/_9143961_1'		10	10	10	3.25	1.4	10	0 No	0 Unintentional Islanding
RMT321	1782	'432822249_/_43282251'		1.4	3.33	3.33	0.06	0.4	3.33	1.25 No	0.06 Thermal Discharging
RMT321	1783	'7558800_/_7558797_2'		3.33	3.33	3.33	1.08	0.4	3.33	0 No	0 Unintentional Islanding
RMT321	1784	'107184846_/_107184857'		10	10	10	3.25	1.4	10	0 No	0 Unintentional Islanding
RMT321	1785	'489224182_/_489224255'		1.07	3.33	3.33	1.08	1.4	3.33	0 No	0 Unintentional Islanding
RMT321	1786	'3254014_/_3254126_2'		1.2	3.33	3.33	0.06	0.3	3.33	1.25 No	0.06 Thermal Discharging
RMT321	1787	'107184784_/_107184875'		10	10	10	3.25	1.4	10	0 No	0 Unintentional Islanding
RMT321	1788	'8513133_/_49220861'		3.33	3.33	3.33	1.08	0.4	3.33	0 No	0 Unintentional Islanding
RMT321	1789	'694369252_/_694369256'		10	10	10	3.25	1.4	10	0 No	0 Unintentional Islanding
RMT321	1790	'462145755_/_489224186'		1.03	3.33	3.33	1.08	1.4	3.33	0 No	0 Unintentional Islanding
RMT321	1791	'473669614_/_473669596_1'		1.07	3.33	3.33	1.08	1.97	3.33	0 No	0 Unintentional Islanding
RMT321	1792	'694369418_/_694369441'		10	10	10	3.25	1.4	10	0 No	0 Unintentional Islanding
RMT321	1793	'3263359_/_3263427'		10	10	10	3.25	1.5	10	0 No	0 Unintentional Islanding
RMT321	1794	'8512408_/_484582031_1'		1.3	3.33	3.33	0.06	0.1	3.33	1.25 No	0.06 Thermal Discharging
RMT321	1795	'447203703_/_452189107_1'		10	10	10	3.25	1.5	10	0 No	0 Unintentional Islanding
RMT321	1796	'694369318_/_694369426'		10	10	10	3.25	1.4	10	0 No	0 Unintentional Islanding
RMT321	1797	'7878370_/_348211009'		1.3	3.33	3.33	0.06	0.1	3.33	1.25 No	0.06 Thermal Discharging
RMT321	1798	'7251174_/_7251172_1'		3.33	3.33	3.33	1.08	0.4	3.33	0 No	0 Unintentional Islanding
RMT321	1799	'8503115_/_8830858_2'		3.33	3.33	3.33	1.08	0.4	3.33	0 No	0 Unintentional Islanding
RMT321	1800	'43282282_/_3247624'		1.3	3.33	3.33	0.06	0.5	3.33	1.25 No	0.06 Thermal Discharging
RMT321	1801	'7218206_/_7218204'		1.17	3.33	3.33	0.06	0.5	3.33	1.25 No	0.06 Thermal Discharging
RMT321	1802	'8200936_/_8201379_1'		3.33	3.33	3.33	1.08	0.4	3.33	0 No	0 Unintentional Islanding
RMT321	1803	'7218239_/_8512111'		1.7	3.33	3.33	0.06	0.3	3.33	1.25 No	0.06 Thermal Discharging
RMT321	1804	'694369381_/_694369385'		10	10	10	3.25	1.4	10	0 No	0 Unintentional Islanding
RMT321	1805	'8830177_/_452189107_2'		10	10	10	3.25	1.5	10	0 No	0 Unintentional Islanding
RMT321	1806	'7251719_/_7251716_2'		10	10	10	3.25	0.9	10	0 No	0 Unintentional Islanding
RMT321	1807	'694369281_/_694369349'		10	10	10	3.25	1.4	10	0 No	0 Unintentional Islanding
RMT321	1808	'8512407_/_523240128'		1.3	3.33	3.33	0.06	0.1	3.33	1.25 No	0.06 Thermal Discharging
RMT321	1809	'3254015_/_3254012'		1.2	3.33	3.33	0.06	0.3	3.33	1.25 No	0.06 Thermal Discharging
RMT321	1810	'7568395_/_7568408'		3.33	3.33	3.33	1.08	0.4	3.33	0 No	0 Unintentional Islanding
RMT321	1811	'3263360_/_3263357'		10	10	10	3.25	1.5	10	0 No	0 Unintentional Islanding
RMT321	1812	'447203798_/_3263687'		10	10	10	3.25	1.5	10	0 No	0 Unintentional Islanding
RMT321	1813	'3249144_/_3249154'		1.27	3.33	3.33	0.06	0.4	3.33	1.25 No	0.06 Thermal Discharging
RMT321	1814	'389014737_/_383987125_2'		10	10	10	3.25	1.5	10	0 No	0 Unintentional Islanding
RMT321	1815	'7878290_/_9143363'		3.33	3.33	3.33	1.08	0.4	3.33	0 No	0 Unintentional Islanding
RMT321	1816	'7567351_/_7567348'		3.33	3.33	3.33	1.08	0.4	3.33	0 No	0 Unintentional Islanding
RMT321	1817	'454284165_/_454284169'		3.33	3.33	3.33	1.08	0.4	3.33	0 No	0 Unintentional Islanding
RMT321	1818	'7251603_/_9145407_1'		3.33	3.33	3.33	1.08	0.4	3.33	0 No	0 Unintentional Islanding
RMT321	1819	'8512986_/_8202647_1'		3.33	3.33	3.33	1.08	0.4	3.33	0 No	0 Unintentional Islanding
RMT321	1820	'37664294_/_9459104'		10	10	10	3.25	1.5	10	0 No	0 Unintentional Islanding
RMT321	1821	'37664287_/_37664291'		10	10	10	3.25	1.5	10	0 No	0 Unintentional Islanding
RMT321	1822	'37664280_/_37664284'		10	10	10	3.25	1.5	10	0 No	0 Unintentional Islanding
RMT321	1823	'37664308_/_37664312'		10	10	10	3.25	1.5	10	0 No	0 Unintentional Islanding
RMT321	1824	'37664322_/_37664319'		10	10	10	3.25	1.5	10	0 No	0 Unintentional Islanding
RMT321	1825	'8201466_/_452189088'		10	10	10	3.25	1.5	10	0 No	0 Unintentional Islanding
RMT321	1826	'88887141_/_3259947_2'		6.67	6.67	6.67	2.16	0.9	6.67	0 No	0 Unintentional Islanding
RMT321	1827	'7218222_/_7218236'		1.57	3.33	3.33	0.06	0.3	3.33	1.25 No	0.06 Thermal Discharging
RMT321	1828	'8512356_/_9459200'		3.33	3.33	3.33	1.08	0.4	3.33	0 No	0 Unintentional Islanding
RMT321	1829	'3247627_/_43282284'		1.2	3.33	3.33	0.06	0.5	3.33	1.25 No	0.06 Thermal Discharging
RMT321	1830	'452300124_/_3703907_1'		10	10	10	3.25	1.5	10	0 No	0 Unintentional Islanding
RMT321	1831	'9143964_/_107184789'		10	10	10	3.25	1.4	10	0 No	0 Unintentional Islanding
RMT321	1832	'43285332_/_3254237'		1.2	3.33	3.33	0.06	0.3	3.33	1.25 No	0.06 Thermal Discharging
RMT321	1833	'7568394_/_7568392'		3.33	3.33	3.33	1.08	0.4	3.33	0 No	0 Unintentional Islanding
RMT321	1834	'7218223_/_7218220'		1.47	3.33	3.33	0.06	0.3	3.33	1.25 No	0.06 Thermal Discharging
RMT321	1835	'437314248_/_3703907_2'		10	10	10	3.25	1.5	10	0 No	0 Unintentional Islanding
RMT321	1836	'3703910_/_437314275'		10	10	10	3.25	1.5	10	0 No	0 Unintentional Islanding
RMT321	1837	'3249131_/_3249141'		1.17	3.33	3.33	0.06	0.4	3.33	1.25 No	0.06 Thermal Discharging
RMT321	1838	'8829940_/_9144013'		10	10	10	3.25	1.4	10	0 No	0 Unintentional Islanding
RMT321	1839	'7567171_/_9143599'		10	10	10	3.25	1.5	10	0 No	0 Unintentional Islanding
RMT321	1840	'7878605_/_8503113'		3.33	3.33	3.33	1.08	0.4	3.33	0 No	0 Unintentional Islanding
RMT321	1841	'7250362_/_383987125_1'		10	10	10	3.25	1.5	10	0 No	0 Unintentional Islanding
RMT321	1842	'3259950_/_3259947_1'		6.67	6.67	6.67	2.16	0.6	6.67	0 No	0 Unintentional Islanding
RMT321	1843	'7250033_/_7567168'		10	10	10	3.25	1.5	10	0 No	0 Unintentional Islanding
RMT321	1844	'7878289_/_7878287'		3.33	3.33	3.33	1.08	0.4	3.33	0 No	0 Unintentional Islanding
RMT321	1845	'7250032_/_7250030'		10	10	10	3.25	1.5	10	0 No	0 Unintentional Islanding
RMT321	1846	'8201482_/_452189429'		10	10	10	3.25	1.5	10	0 No	0 Unintentional Islanding
RMT321	1847	'7878546_/_7878543'		10	10	10	3.25	1.5	10	0 No	0 Unintentional Islanding
RMT321	1848	'3703683_/_3703924'		10	10	10	3.25	1.5	10	0 No	0 Unintentional Islanding
RMT321	1849	'7250234_/_9143817'		3.33	3.33	3.33	1.08	0.4	3.33	0 No	0 Unintentional Islanding
RMT321	1850	'3255201_/_43285334'		1.23	3.33	3.33	0.06	0.3	3.33	1.25 No	0.06 Thermal Discharging
RMT321	1851	'7218191_/_8829782'		0.97	3.33	3.33	0.06	0.5	3.33	1.25 No	0.06 Thermal Discharging
RMT321	1852	'7878566_/_7878563'		10	10	10	3.25	1.5	10	0 No	0 Unintentional Islanding
RMT321	1853	'8202482_/_8829938'		10	10	10	3.25	1.4	10	0 No	0 Unintentional Islanding
RMT321	1854	'7878530_/_9143559'		10	10	10	3.25	1.5	10	0 No	0 Unintentional Islanding
RMT321	1855	'8202481_/_8202479'		10	10	10	3.25	1.4	10	0 No	0 Unintentional Islanding
RMT321	1856	'7567649_/_383987300'		10	10	10	3.25	1.5	10	0 No	0 Unintentional Islanding
RMT321	1857	'3249115_/_3249128'		1.1	3.33	3.33	0.06	0.4	3.33	1.25 No	0.06 Thermal Discharging
RMT321	1858	'8201502_/_452189045'		10	10	10	3.25	1.5	10	0 No	0 Unintentional Islanding
RMT321	1859	'7878353_/_231255089'		1.07	3.33	3.33	0.06	0.1	3.33	1.25 No	0.06 Thermal Discharging
RMT321	1860	'383987222_/_383987319'		10	10	10	3.25	1.5	10	0 No	0 Unintentional Islanding
RMT321	1861	'8831233_/_9145515'		3.33	3.33	3.33	1.08	0.4	3.33	0 No	0 Unintentional Islanding
RMT321	1862	'8202265_/_9145407_2'		3.33	3.33	3.33	1.08	0.4	3.33	0 No	0 Unintentional Islanding
RMT321	1863	'3694987_/_3703681'		10	10	10	3.25	1.5	10	0 No	0 Unintentional Islanding
RMT321	1864	'37664525_/_452189007'		10	10	10	3.25	1.5	10	0 No	0 Unintentional Islanding
RMT321	1865	'37664511_/_37664508'		10	10	10	3.25	1.5	10	0 No	0 Unintentional Islanding
RMT321	1866	'37664539_/_37664536'		10	10	10	3.25	1.5	10	0 No	0 Unintentional Islanding
RMT321	1867	'37664497_/_37664501'		10	10	10	3.25	1.5	10	0 No	0 Unintentional Islanding
RMT321	1868	'3255202_/_3255199'		1.13	3.33	3.33	0.06	0.3	3.33	1.25 No	0.06 Thermal Discharging
RMT321	1869	'37664504_/_37664529'		10	10	10	3.25	1.5	10	0 No	0 Unintentional Islanding

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RMT321	1870	'8202650_/_8202647_2'	3.33	3.33	3.33	3.33	1.08	0.4	3.33	0 No	0 Unintentional Islanding
RMT321	1871	'7218109_/_8829504'	3.33	3.33	3.33	3.33	1.08	0.4	3.33	0 No	0 Unintentional Islanding
RMT321	1872	'7878606_/_7878603'	3.33	3.33	3.33	3.33	1.08	0.4	3.33	0 No	0 Unintentional Islanding
RMT321	1873	'43282260_/_3249112'	1.03	3.33	3.33	3.33	0.06	0.4	3.33	1.25 No	0.06 Thermal Discharging
RMT321	1874	'7250401_/_7567646'	10	10	10	10	3.25	1.5	10	0 No	0 Unintentional Islanding
RMT321	1875	'8512098_/_8512095'	1.23	3.33	3.33	3.33	0.06	0.3	3.33	1.25 No	0.06 Thermal Discharging
RMT321	1876	'7250235_/_7250232'	3.33	3.33	3.33	3.33	1.08	0.4	3.33	0 No	0 Unintentional Islanding
RMT321	1877	'8829801_/_9459084'	10	10	10	10	3.25	1.5	10	0 No	0 Unintentional Islanding
RMT321	1878	'3259968_/_3259965'	6.67	6.67	6.67	6.67	2.16	0.6	6.67	0 No	0 Unintentional Islanding
RMT321	1879	'7567487_/_9459298'	10	10	10	10	3.25	1.5	10	0 No	0 Unintentional Islanding
RMT321	1880	'7566860_/_8200933'	3.33	3.33	3.33	3.33	1.08	0.4	3.33	0 No	0 Unintentional Islanding
RMT321	1881	'7878997_/_8830398'	10	10	10	10	3.25	1.5	10	0 No	0 Unintentional Islanding
RMT321	1882	'7567486_/_7567484'	6.67	6.67	6.67	6.67	2.16	1	6.67	0 No	0 Unintentional Islanding
RMT321	1883	'7567505_/_452188938'	10	10	10	10	3.25	1.5	10	0 No	0 Unintentional Islanding
RMT321	1884	'7250155_/_8512353'	3.33	3.33	3.33	3.33	1.08	0.4	3.33	0 No	0 Unintentional Islanding
RMT321	1885	'433993402_/_433993437'	10	10	10	10	3.25	1.5	10	0 No	0 Unintentional Islanding
RMT321	1886	'383987340_/_383987344'	10	10	10	10	3.25	1.5	10	0 No	0 Unintentional Islanding
RMT321	1887	'3694988_/_3694985'	10	10	10	10	3.25	1.5	10	0 No	0 Unintentional Islanding
RMT321	1888	'7251514_/_7251512'	6.67	6.67	6.67	6.67	2.16	1	6.67	0 No	0 Unintentional Islanding
RMT321	1889	'3255215_/_3255212'	1.07	3.33	3.33	3.33	0.06	0.3	3.33	1.25 No	0.06 Thermal Discharging
RMT321	1890	'39102621_/_9145239'	10	10	10	10	3.25	1.5	10	0 No	0 Unintentional Islanding
RMT321	1891	'43282259_/_3249099'	0.97	3.33	3.33	3.33	0.06	0.4	3.33	1.25 No	0.06 Thermal Discharging
RMT321	1892	'3253832_/_3254139'	2.3	10	10	10	0.18	2.3	10	3.76 No	0.18 Thermal Discharging
RMT321	1893	'8831232_/_8831230'	3.33	3.33	3.33	3.33	1.08	0.4	3.33	0 No	0 Unintentional Islanding
RMT321	1894	'7567668_/_7878995'	10	10	10	10	3.25	1.5	10	0 No	0 Unintentional Islanding
RMT321	1895	'7218190_/_7218188'	0.83	3.33	3.33	3.33	0.06	0.5	3.33	1.25 No	0.06 Thermal Discharging
RMT321	1896	'8829571_/_8829568'	1.13	3.33	3.33	3.33	0.06	0.3	3.33	1.25 No	0.06 Thermal Discharging
RMT321	1897	'8829586_/_8829584_1'	0.83	3.33	3.33	3.33	0.06	0.7	3.33	2.83 No	0.06 Thermal Discharging
RMT321	1898	'8829800_/_8829798'	10	10	10	10	3.25	1.5	10	0 No	0 Unintentional Islanding
RMT321	1899	'468819578_/_468819582'	10	10	10	10	3.25	1.5	10	0 No	0 Unintentional Islanding
RMT321	1900	'7567669_/_7567666'	10	10	10	10	3.25	1.5	10	0 No	0 Unintentional Islanding
RMT321	1901	'7878706_/_7878703'	3.33	3.33	3.33	3.33	1.08	0.4	3.33	0 No	0 Unintentional Islanding
RMT321	1902	'7879737_/_9460026'	3.33	3.33	3.33	3.33	1.08	0.4	3.33	0 No	0 Unintentional Islanding
RMT321	1903	'3253795_/_3253829'	2.3	10	10	10	0.18	2.3	10	3.76 No	0.18 Thermal Discharging
RMT321	1904	'8831057_/_8831054'	10	10	10	10	3.25	1.5	10	0 No	0 Unintentional Islanding
RMT321	1905	'7878354_/_523240119'	0.93	3.33	3.33	3.33	0.06	0.1	3.33	1.25 No	0.06 Thermal Discharging
RMT321	1906	'3695005_/_3695002'	10	10	10	10	3.25	1.5	10	0 No	0 Unintentional Islanding
RMT321	1907	'3255557_/_3255554'	1	3.33	3.33	3.33	0.06	0.3	3.33	1.25 No	0.06 Thermal Discharging
RMT321	1908	'7879017_/_7879035'	10	10	10	10	3.25	1.5	10	0 No	0 Unintentional Islanding
RMT321	1909	'468819612_/_468819644'	10	10	10	10	3.25	1.5	10	0 No	0 Unintentional Islanding
RMT321	1910	'7566861_/_7566858'	3.33	3.33	3.33	3.33	1.08	0.4	3.33	0 No	0 Unintentional Islanding
RMT321	1911	'9145262_/_9145259'	10	10	10	10	3.25	1.5	10	0 No	0 Unintentional Islanding
RMT321	1912	'43286165_/_3259980'	6.67	6.67	6.67	6.67	2.16	0.6	6.67	0 No	0 Unintentional Islanding
RMT321	1913	'7879802_/_9145339'	3.33	3.33	3.33	3.33	1.08	0.4	3.33	0 No	0 Unintentional Islanding
RMT321	1914	'7218108_/_7218106'	3.33	3.33	3.33	3.33	1.08	0.4	3.33	0 No	0 Unintentional Islanding
RMT321	1915	'68295956_/_9460134_1'	10	10	10	10	3.25	1.4	10	0 No	0 Unintentional Islanding
RMT321	1916	'3253778_/_3253792'	2.2	10	10	10	0.18	2.3	10	3.76 No	0.18 Thermal Discharging
RMT321	1917	'7250154_/_7250152'	3.33	3.33	3.33	3.33	1.08	0.4	3.33	0 No	0 Unintentional Islanding
RMT321	1918	'8829889_/_8829886'	3.33	3.33	3.33	3.33	1.08	0.4	3.33	0 No	0 Unintentional Islanding
RMT321	1919	'7250314_/_452189163'	3.33	3.33	3.33	3.33	1.08	0.5	3.33	0 No	0 Unintentional Islanding
RMT321	1920	'8829554_/_9143411'	1.07	3.33	3.33	3.33	0.06	0.3	3.33	1.25 No	0.06 Thermal Discharging
RMT321	1921	'468819544_/_468819628'	10	10	10	10	3.25	1.5	10	0 No	0 Unintentional Islanding
RMT321	1922	'7879801_/_7879799'	3.33	3.33	3.33	3.33	1.08	0.4	3.33	0 No	0 Unintentional Islanding
RMT321	1923	'393078323_/_393078365'	10	10	10	10	3.25	1.5	10	0 No	0 Unintentional Islanding
RMT321	1924	'7879658_/_8512305'	3.33	3.33	3.33	3.33	1.08	0.4	3.33	0 No	0 Unintentional Islanding
RMT321	1925	'393078307_/_599712312'	10	10	10	10	3.25	1.5	10	0 No	0 Unintentional Islanding
RMT321	1926	'9145358_/_9145355'	3.33	3.33	3.33	3.33	1.08	0.4	3.33	0 No	0 Unintentional Islanding
RMT321	1927	'7878847_/_7879015'	10	10	10	10	3.25	1.5	10	0 No	0 Unintentional Islanding
RMT321	1928	'3255570_/_3255567'	0.97	3.33	3.33	3.33	0.06	0.3	3.33	1.25 No	0.06 Thermal Discharging
RMT321	1929	'620392780_/_393078341_1'	10	10	10	10	3.25	1.5	10	0 No	0 Unintentional Islanding
RMT321	1930	'620392694_/_393078341_2'	10	10	10	10	3.25	1.5	10	0 No	0 Unintentional Islanding
RMT321	1931	'7250315_/_452189174'	3.33	3.33	3.33	3.33	1.08	0.5	3.33	0 No	0 Unintentional Islanding
RMT321	1932	'8201217_/_8201215'	10	10	10	10	3.25	1.5	10	0 No	0 Unintentional Islanding
RMT321	1933	'3253761_/_3253775'	2.1	10	10	10	0.18	2.3	10	3.76 No	0.18 Thermal Discharging
RMT321	1934	'3695022_/_3695019'	10	10	10	10	3.25	1.5	10	0 No	0 Unintentional Islanding
RMT321	1935	'620392762_/_620392778'	10	10	10	10	3.25	1.5	10	0 No	0 Unintentional Islanding
RMT321	1936	'7878848_/_7878845'	10	10	10	10	3.25	1.5	10	0 No	0 Unintentional Islanding
RMT321	1937	'620392728_/_620392804'	10	10	10	10	3.25	1.5	10	0 No	0 Unintentional Islanding
RMT321	1938	'8201647_/_8512545'	10	10	10	10	3.25	1.5	10	0 No	0 Unintentional Islanding
RMT321	1939	'7250620_/_383987198'	3.33	3.33	3.33	3.33	1.08	0.5	3.33	0 No	0 Unintentional Islanding
RMT321	1940	'7879738_/_7879735'	3.33	3.33	3.33	3.33	1.08	0.4	3.33	0 No	0 Unintentional Islanding
RMT321	1941	'8829555_/_8829552_1'	1.03	3.33	3.33	3.33	0.06	0.77	3.33	2.83 No	0.06 Thermal Discharging
RMT321	1942	'7250017_/_7250014'	3.33	3.33	3.33	3.33	1.08	0.5	3.33	0 No	0 Unintentional Islanding
RMT321	1943	'43281871_/_43281873'	2.1	10	10	10	0.18	2.3	10	3.76 No	0.18 Thermal Discharging
RMT321	1944	'7250171_/_7566826'	3.33	3.33	3.33	3.33	1.08	0.4	3.33	0 No	0 Unintentional Islanding
RMT321	1945	'8830048_/_452188969'	3.33	3.33	3.33	3.33	1.08	0.5	3.33	0 No	0 Unintentional Islanding
RMT321	1946	'69364329_/_69364202_1'	2.1	10	10	10	0.18	1.5	10	3.76 No	0.18 Thermal Discharging
RMT321	1947	'7251154_/_8830874'	4	10	10	10	3.25	1.5	10	0 No	0 Unintentional Islanding
RMT321	1948	'393078387_/_620392732'	10	10	10	10	3.25	1.5	10	0 No	0 Unintentional Islanding
RMT321	1949	'7250016_/_8201199'	3.33	3.33	3.33	3.33	1.08	0.5	3.33	0 No	0 Unintentional Islanding
RMT321	1950	'392792826_/_393078421'	10	10	10	10	3.25	1.5	10	0 No	0 Unintentional Islanding
RMT321	1951	'7566844_/_9143331'	3.33	3.33	3.33	3.33	1.08	0.4	3.33	0 No	0 Unintentional Islanding
RMT321	1952	'8201501_/_452188980'	3.33	3.33	3.33	3.33	1.08	0.5	3.33	0 No	0 Unintentional Islanding
RMT321	1953	'8200888_/_9143299'	3.33	3.33	3.33	3.33	1.08	0.4	3.33	0 No	0 Unintentional Islanding
RMT321	1954	'393078403_/_393078445'	10	10	10	10	3.25	1.5	10	0 No	0 Unintentional Islanding
RMT321	1955	'3695039_/_3695036'	3.7	10	10	10	3.25	1.5	10	0 No	0 Unintentional Islanding
RMT321	1956	'9144376_/_383987209'	3.33	3.33	3.33	3.33	1.08	0.5	3.33	0 No	0 Unintentional Islanding
RMT321	1957	'8201648_/_8201645'	10	10	10	10	3.25	1.5	10	0 No	0 Unintentional Islanding
RMT321	1958	'8829904_/_9143833'	3.33	3.33	3.33	3.33	1.08	0.4	3.33	0 No	0 Unintentional Islanding
RMT321	1959	'7250383_/_392792906'	10	10	10	10	3.25	1.5	10	0 No	0 Unintentional Islanding
RMT321	1960	'7879657_/_9145371'	3.33	3.33	3.33	3.33	1.08	0.4	3.33	0 No	0 Unintentional Islanding
RMT321	1961	'8201449_/_8512441'	3.33	3.33	3.33	3.33	1.08	0.5	3.33	0 No	0 Unintentional Islanding
RMT321	1962	'3259998_/_43286167'	2.07	6.67	6.67	6.67	2.16	0.6	6.67	0 No	0 Unintentional Islanding
RMT321	1963	'50517389_/_7879655_1'	3.33	3.33	3.33	3.33	1.08	0.4	3.33	0 No	0 Unintentional Islanding

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RMT321	1964	'89851184_/89851189'		3.4	10	10	3.25	1.5	10	0 No	0 Unintentional Islanding
RMT321	1965	'89851147_/89851153'		2.27	6.67	6.67	2.16	1	6.67	0 No	0 Unintentional Islanding
RMT321	1966	'8201101_/8202263'		3.33	3.33	3.33	1.08	0.4	3.33	0 No	0 Unintentional Islanding
RMT321	1967	'380776220_/7251152'		3.3	10	10	3.25	1.5	10	0 No	0 Unintentional Islanding
RMT321	1968	'69364191_/69364202_2'		2	10	10	0.18	1.5	10	3.76 No	0.18 Thermal Discharging
RMT321	1969	'565071934_/380776348'		3.3	10	10	3.25	1.5	10	0 No	0 Unintentional Islanding
RMT321	1970	'724248424_/715711228_2'		1.9	10	10	0.18	1.5	10	3.76 No	0.18 Thermal Discharging
RMT321	1971	'3695056_/3695053'		3.2	10	10	3.25	1.5	10	0 No	0 Unintentional Islanding
RMT321	1972	'7250420_/393078514'		3.8	10	10	3.25	1.5	10	0 No	0 Unintentional Islanding
RMT321	1973	'7250170_/7250168'		3.33	3.33	3.33	1.08	0.4	3.33	0 No	0 Unintentional Islanding
RMT321	1974	'565071966_/565071938'		3.1	10	10	3.25	1.5	10	0 No	0 Unintentional Islanding
RMT321	1975	'8200872_/8200885'		3.33	3.33	3.33	1.08	0.4	3.33	0 No	0 Unintentional Islanding
RMT321	1976	'7878721_/8829902'		3.33	3.33	3.33	1.08	0.4	3.33	0 No	0 Unintentional Islanding
RMT321	1977	'8428320_/383987616'		3.8	10	10	3.25	1.5	10	0 No	0 Unintentional Islanding
RMT321	1978	'7566845_/750304616'		3.33	3.33	3.33	1.08	0.4	3.33	0 No	0 Unintentional Islanding
RMT321	1979	'380776264_/565071970'		3	10	10	3.25	1.5	10	0 No	0 Unintentional Islanding
RMT321	1980	'3673391_/3695070'		2.9	10	10	3.25	1.5	10	0 No	0 Unintentional Islanding
RMT321	1981	'679616142_/3230086_2'		6.67	2.13	6.67	2.16	0.2	4.29	0 No	0 Unintentional Islanding
RMT321	1982	'8200871_/8200869'		1.2	3.33	3.33	1.08	0.4	3.33	0 No	0 Unintentional Islanding
RMT321	1983	'8830256_/231191235'		10	10	10	3.25	1.5	10	0 No	0 Unintentional Islanding
RMT321	1984	'393078470_/393078483'		3.9	10	10	3.25	1.5	10	0 No	0 Unintentional Islanding
RMT321	1985	'8201102_/8201099'		3.33	3.33	3.33	1.08	0.4	3.33	0 No	0 Unintentional Islanding
RMT321	1986	'7567972_/8202295'		3.33	3.33	3.33	1.08	0.4	3.33	0 No	0 Unintentional Islanding
RMT321	1987	'3673392_/3673389'		2.7	10	10	3.25	1.5	9.93	0 No	0 Unintentional Islanding
RMT321	1988	'114286752_/380776268_1'		2.6	10	10	3.25	1.5	9.93	0 No	0 Unintentional Islanding
RMT321	1989	'8512512_/383987579'		4.1	10	10	3.25	1.5	9.82	0 No	0 Unintentional Islanding
RMT321	1990	'266722597_/231191178_1'		10	10	10	3.25	1.5	9.8	0 No	0 Unintentional Islanding
RMT321	1991	'7878321_/7878319'		3.33	3.33	3.33	1.08	0.4	3.26	0 No	0 Unintentional Islanding
RMT321	1992	'8202466_/8202463'		3.33	3.33	3.33	1.08	0.5	3.17	0 No	0 Unintentional Islanding
RMT321	1993	'8201397_/231255104'		0.7	3.33	3.33	0.06	0.1	3.33	1.25 No	0.06 Thermal Discharging
RMT321	1994	'3260013_/3260010'		1.53	6.67	6.67	2.16	0.6	6.55	0 No	0 Unintentional Islanding
RMT321	1995	'7878722_/7878719_1'		0.5	2.6	3.33	1.08	0.4	3.24	0 No	0 Unintentional Islanding
RMT321	1996	'7249984_/9143475'		1.43	3.33	3.33	1.08	0.4	3.24	0 No	0 Unintentional Islanding
RMT321	1997	'3704038_/3704035'		2.5	10	10	3.25	1.5	9.71	0 No	0 Unintentional Islanding
RMT321	1998	'8511869_/9458908_1'		0.37	2.13	3.33	1.08	0.4	3.21	0 No	0 Unintentional Islanding
RMT321	1999	'7567012_/8512273'		0.93	3.33	3.33	1.08	0.4	3.19	0 No	0 Unintentional Islanding
RMT321	2000	'7567418_/523240110'		0.7	3.33	3.33	0.06	0.1	3.33	1.25 No	0.06 Thermal Discharging
RMT321	2001	'3704055_/3704052'		2.4	10	10	3.25	1.5	9.59	0 No	0 Unintentional Islanding
RMT321	2002	'3230089_/3230086_3'		6.67	2.13	6.67	2.16	0.2	4.16	0 No	0 Unintentional Islanding
RMT321	2003	'3260028_/3260025'		1.33	6.67	6.67	2.16	0.6	6.29	0 No	0 Unintentional Islanding
RMT321	2004	'3704075_/3704072'		2.2	10	10	3.25	1.5	9.38	0 No	0 Unintentional Islanding
RMT321	2005	'7567013_/7567010'		0.83	3.33	3.33	1.08	0.4	3.08	0 No	0 Unintentional Islanding
RMT321	2006	'7567592_/383987677'		3.33	3.33	3.33	1.08	0.5	3	0 No	0 Unintentional Islanding
RMT321	2007	'7250382_/383987666'		3.33	3.33	3.33	1.08	0.5	2.98	0 No	0 Unintentional Islanding
RMT321	2008	'3704092_/3704089'		2.1	10	10	3.25	1.5	9.18	0 No	0 Unintentional Islanding
RMT321	2009	'3260046_/3260043'		1.27	6.67	6.67	2.16	0.6	6.1	0 No	0 Unintentional Islanding
RMT321	2010	'7567419_/122844400'		0.63	3.03	3.33	0.06	0.1	3.12	1.25 No	0.06 Thermal Discharging
RMT321	2011	'3704109_/3704106'		2	10	10	3.25	1.5	8.99	0 No	0 Unintentional Islanding
RMT321	2012	'9388431_/89851233'		1	3.33	3.33	1.08	0.5	2.97	0 No	0 Unintentional Islanding
RMT321	2013	'7567973_/7567970'		1	3.33	3.33	1.08	0.4	2.96	0 No	0 Unintentional Islanding
RMT321	2014	'3230074_/3230101'		6.67	2.13	6.67	2.16	0.2	4.01	0 No	0 Unintentional Islanding
RMT321	2015	'3251525_/7074221'		1.2	6.67	6.67	2.16	0.6	5.94	0 No	0 Unintentional Islanding
RMT321	2016	'7878306_/728363094'		0.9	3.33	3.33	1.08	0.4	2.94	0 No	0 Unintentional Islanding
RMT321	2017	'3704207_/3704204'		1.9	10	10	3.25	1.5	8.82	0 No	0 Unintentional Islanding
RMT321	2018	'3704243_/3704241_1'		0.63	3.33	3.33	1.08	0.2	2.93	0 No	0 Unintentional Islanding
RMT321	2019	'8511917_/9143315'		0.67	3.33	3.33	1.08	0.4	2.87	0 No	0 Unintentional Islanding
RMT321	2020	'3694672_/3704221'		1.9	10	10	3.25	1.5	8.68	0 No	0 Unintentional Islanding
RMT321	2021	'7878305_/7878303'		0.83	3.33	3.33	1.08	0.4	2.87	0 No	0 Unintentional Islanding
RMT321	2022	'3704125_/3704241_2'		0.63	3.33	3.33	1.08	0.2	2.87	0 No	0 Unintentional Islanding
RMT321	2023	'3694673_/3694670'		1.7	10	10	3.25	1.5	8.45	0 No	0 Unintentional Islanding
RMT321	2024	'3704126_/3704123'		0.63	3.33	3.33	1.08	0.2	2.81	0 No	0 Unintentional Islanding
RMT321	2025	'3230056_/3230071'		6.67	2.13	6.67	2.16	0.2	3.86	0 No	0 Unintentional Islanding
RMT321	2026	'43286984_/3251523'		1	6.67	6.67	2.16	0.6	5.54	0 No	0 Unintentional Islanding
RMT321	2027	'3704139_/3704136'		0.67	3.33	3.33	1.08	0.2	2.75	0 No	0 Unintentional Islanding
RMT321	2028	'3694690_/3694687'		1.7	10	10	3.25	1.5	8.25	0 No	0 Unintentional Islanding
RMT321	2029	'7878337_/8511915'		0.57	3.33	3.33	1.08	0.4	2.71	0 No	0 Unintentional Islanding
RMT321	2030	'8200904_/9458924'		0.73	3.33	3.33	1.08	0.4	2.7	0 No	0 Unintentional Islanding
RMT321	2031	'3704152_/3704149'		0.67	3.33	3.33	1.08	0.2	2.69	0 No	0 Unintentional Islanding
RMT321	2032	'7251343_/7880015'		0.77	3.33	3.33	1.08	0.4	2.67	0 No	0 Unintentional Islanding
RMT321	2033	'43363713_/3694704'		1.6	10	10	3.25	1.5	8.03	0 No	0 Unintentional Islanding
RMT321	2034	'7251342_/7251340'		0.77	3.33	3.33	1.08	0.4	2.65	0 No	0 Unintentional Islanding
RMT321	2035	'3704165_/3704162'		0.67	3.33	3.33	1.08	0.2	2.64	0 No	0 Unintentional Islanding
RMT321	2036	'8200903_/8200901'		0.67	3.33	3.33	1.08	0.4	2.63	0 No	0 Unintentional Islanding
RMT321	2037	'3704178_/3704175'		0.67	3.33	3.33	1.08	0.2	2.62	0 No	0 Unintentional Islanding
RMT321	2038	'3694723_/43363715'		1.5	10	10	3.25	1.5	7.84	0 No	0 Unintentional Islanding
RMT321	2039	'43365005_/3704188'		0.67	3.33	3.33	1.08	0.2	2.6	0 No	0 Unintentional Islanding
RMT321	2040	'3673409_/43365007'		0.67	3.33	3.33	1.08	0.2	2.58	0 No	0 Unintentional Islanding
RMT321	2041	'3230030_/3230053'		6.67	2.13	6.67	2.16	0.2	3.71	0 No	0 Unintentional Islanding
RMT321	2042	'7878338_/7878335'		0.5	3.33	3.33	1.08	0.4	2.57	0 No	0 Unintentional Islanding
RMT321	2043	'43363824_/3694758'		1.5	10	10	3.25	1.5	7.76	0 No	0 Unintentional Islanding
RMT321	2044	'43363726_/3694721'		1.5	10	10	3.25	1.5	7.75	0 No	0 Unintentional Islanding
RMT321	2045	'3251544_/43286986'		0.87	6.67	6.67	2.16	0.6	5.18	0 No	0 Unintentional Islanding
RMT321	2046	'3694761_/43363826'		1.4	10	10	3.25	1.5	7.68	0 No	0 Unintentional Islanding
RMT321	2047	'7218125_/8200917'		0.63	3.33	3.33	1.08	0.4	2.52	0 No	0 Unintentional Islanding
RMT321	2048	'3251562_/3251559'		0.87	6.67	6.67	2.16	0.6	5.08	0 No	0 Unintentional Islanding
RMT321	2049	'3673946_/43363728'		1.4	10	10	3.25	1.5	7.55	0 No	0 Unintentional Islanding
RMT321	2050	'3230190_/3230187'		6.67	2.13	6.67	2.16	0.2	3.64	0 No	0 Unintentional Islanding
RMT321	2051	'7879754_/8503165'		0.67	3.33	3.33	1.08	0.4	2.5	0 No	0 Unintentional Islanding
RMT321	2052	'3673947_/3673944'		1.4	10	10	3.25	1.5	7.48	0 No	0 Unintentional Islanding
RMT321	2053	'43363811_/3694795'		1.4	10	10	3.25	1.5	7.47	0 No	0 Unintentional Islanding
RMT321	2054	'7218124_/7218122'		0.6	3.33	3.33	1.08	0.4	2.48	0 No	0 Unintentional Islanding
RMT321	2055	'3251583_/3251580'		0.8	6.67	6.67	2.16	0.6	4.97	0 No	0 Unintentional Islanding
RMT321	2056	'3673964_/3673961'		1.4	10	10	3.25	1.5	7.42	0 No	0 Unintentional Islanding
RMT321	2057	'3694798_/43363813'		1.4	10	10	3.25	1.5	7.41	0 No	0 Unintentional Islanding

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RMT321	2058	'43363799_/_3695121'		0.93	6.67	6.67	2.16	1	4.93	0 No	0 Unintentional Islanding
RMT321	2059	'3231473_/_3231470'		6.67	2.13	6.67	2.16	0.2	3.6	0 No	0 Unintentional Islanding
RMT321	2060	'68923157_/_3695188'		1.3	10	10	3.25	1.5	7.35	0 No	0 Unintentional Islanding
RMT321	2061	'7879753_/_7879751'		0.63	3.33	3.33	1.08	0.4	2.43	0 No	0 Unintentional Islanding
RMT321	2062	'3695124_/_43363801'		0.87	6.67	6.67	2.16	1	4.88	0 No	0 Unintentional Islanding
RMT321	2063	'43363739_/_3695208'		1.3	10	10	3.25	1.5	7.32	0 No	0 Unintentional Islanding
RMT321	2064	'3695089_/_3695087_1'		1.3	10	10	3.25	0.7	7.31	0 No	0 Unintentional Islanding
RMT321	2065	'3230017_/_3230027'		3.33	1.07	3.33	1.08	0.1	1.78	0 No	0 Unintentional Islanding
RMT321	2066	'3695090_/_3695087_2'		1.3	10	10	3.25	0.7	7.24	0 No	0 Unintentional Islanding
RMT321	2067	'3695142_/_3695139'		0.87	6.67	6.67	2.16	1	4.82	0 No	0 Unintentional Islanding
RMT321	2068	'68923136_/_3695170'		0.87	6.67	6.67	2.16	1	4.76	0 No	0 Unintentional Islanding
RMT321	2069	'3673472_/_3695104'		1.3	9.9	10	3.25	0.7	7.13	0 No	0 Unintentional Islanding
RMT321	2070	'7878621_/_8202279'		0.57	3.33	3.33	1.08	0.4	2.34	0 No	0 Unintentional Islanding
RMT321	2071	'3282626_/_3282623'		0.73	6	6.67	2.16	0.6	4.71	0 No	0 Unintentional Islanding
RMT321	2072	'7567366_/_7567364'		0.53	3.33	3.33	1.08	0.4	2.33	0 No	0 Unintentional Islanding
RMT321	2073	'3673473_/_3673470'		1.2	9.3	10	3.25	0.7	7.02	0 No	0 Unintentional Islanding
RMT321	2074	'43363777_/_3695157'		0.4	3.17	3.33	1.08	0.5	2.33	0 No	0 Unintentional Islanding
RMT321	2075	'8200952_/_8200949'		0.43	3.33	3.33	1.08	0.4	2.32	0 No	0 Unintentional Islanding
RMT321	2076	'3673493_/_3673490'		1.2	8.9	10	3.25	0.7	6.94	0 No	0 Unintentional Islanding
RMT321	2077	'3694814_/_43363779'		0.4	3.07	3.33	1.08	0.5	2.3	0 No	0 Unintentional Islanding
RMT321	2078	'9459219_/_9459232'		0.5	3.33	3.33	1.08	0.4	2.28	0 No	0 Unintentional Islanding
RMT321	2079	'3230004_/_3230014'		3.33	1.07	3.33	1.08	0.1	1.72	0 No	0 Unintentional Islanding
RMT321	2080	'7567334_/_7878619'		0.57	3.33	3.33	1.08	0.4	2.28	0 No	0 Unintentional Islanding
RMT321	2081	'3673510_/_3673507'		1.2	8.6	10	3.25	0.7	6.86	0 No	0 Unintentional Islanding
RMT321	2082	'8201366_/_9459216'		0.5	3.33	3.33	1.08	0.4	2.27	0 No	0 Unintentional Islanding
RMT321	2083	'7566876_/_8511931'		0.4	3.33	3.33	1.08	0.4	2.26	0 No	0 Unintentional Islanding
RMT321	2084	'3251597_/_3282638'		0.67	5.47	6.67	2.16	0.6	4.57	0 No	0 Unintentional Islanding
RMT321	2085	'3673527_/_3673524'		1.2	8.4	10	3.25	0.7	6.79	0 No	0 Unintentional Islanding
RMT321	2086	'43363788_/_3694812'		0.4	2.87	3.33	1.08	0.5	2.24	0 No	0 Unintentional Islanding
RMT321	2087	'3673544_/_3673541'		1.1	8.1	10	3.25	0.7	6.69	0 No	0 Unintentional Islanding
RMT321	2088	'3251598_/_3251595'		0.67	5.27	6.67	2.16	0.6	4.49	0 No	0 Unintentional Islanding
RMT321	2089	'3673561_/_3673558'		1.1	7.9	10	3.25	0.7	6.64	0 No	0 Unintentional Islanding
RMT321	2090	'7567335_/_7567332'		0.5	3.07	3.33	1.08	0.4	2.19	0 No	0 Unintentional Islanding
RMT321	2091	'3694815_/_43363790'		0.37	2.73	3.33	1.08	0.5	2.19	0 No	0 Unintentional Islanding
RMT321	2092	'7566877_/_7566874'		0.37	3.1	3.33	1.08	0.4	2.18	0 No	0 Unintentional Islanding
RMT321	2093	'3673578_/_3673575'		1.1	7.7	10	3.25	0.7	6.57	0 No	0 Unintentional Islanding
RMT321	2094	'3251613_/_3251610'		0.67	5.07	6.67	2.16	0.6	4.4	0 No	0 Unintentional Islanding
RMT321	2095	'3673595_/_3673592'		1.1	7.5	10	3.25	0.7	6.51	0 No	0 Unintentional Islanding
RMT321	2096	'3229991_/_3230001'		3.33	1.07	3.33	1.08	0.1	1.66	0 No	0 Unintentional Islanding
RMT321	2097	'3673612_/_3673924'		1.1	7.4	10	3.25	0.7	6.48	0 No	0 Unintentional Islanding
RMT321	2098	'3251631_/_3251628'		0.6	4.8	6.67	2.16	0.6	4.3	0 No	0 Unintentional Islanding
RMT321	2099	'7558783_/_7879519'		0.47	2.7	3.33	1.08	0.4	2.11	0 No	0 Unintentional Islanding
RMT321	2100	'3673611_/_3673609'		1	7.1	10	3.25	0.7	6.36	0 No	0 Unintentional Islanding
RMT321	2101	'43290743_/_3286631'		0.6	4.67	6.67	2.16	0.6	4.23	0 No	0 Unintentional Islanding
RMT321	2102	'8511870_/_8511899'		0.33	2.7	3.33	1.08	0.4	2.09	0 No	0 Unintentional Islanding
RMT321	2103	'3673632_/_3673629'		1	6.9	10	3.25	0.7	6.29	0 No	0 Unintentional Islanding
RMT321	2104	'43286996_/_3286613'		0.6	4.6	6.67	2.16	0.6	4.2	0 No	0 Unintentional Islanding
RMT321	2105	'3673649_/_3673646'		1	6.8	10	3.25	0.7	6.23	0 No	0 Unintentional Islanding
RMT321	2106	'3286634_/_43290745'		0.6	4.53	6.67	2.16	0.6	4.16	0 No	0 Unintentional Islanding
RMT321	2107	'3673666_/_3673663'		1	6.6	10	3.25	0.7	6.17	0 No	0 Unintentional Islanding
RMT321	2108	'3266413_/_43286998'		0.6	4.47	6.67	2.16	0.6	4.13	0 No	0 Unintentional Islanding
RMT321	2109	'3229990_/_3229988'		3.33	1.07	3.33	1.08	0.1	1.59	0 No	0 Unintentional Islanding
RMT321	2110	'3673683_/_3673680'		1	6.5	10	3.25	0.7	6.1	0 No	0 Unintentional Islanding
RMT321	2111	'3266431_/_3266428'		0.6	4.33	6.67	2.16	0.6	4.04	0 No	0 Unintentional Islanding
RMT321	2112	'3673700_/_3673697'		0.9	6.2	10	3.25	0.7	5.98	0 No	0 Unintentional Islanding
RMT321	2113	'7558784_/_7558781'		0.43	2.3	3.33	1.08	0.4	1.98	0 No	0 Unintentional Islanding
RMT321	2114	'7878497_/_8201115'		0.43	2.3	3.33	1.08	0.4	1.98	0 No	0 Unintentional Islanding
RMT321	2115	'3266446_/_3266443'		0.53	4.2	6.67	2.16	0.6	3.96	0 No	0 Unintentional Islanding
RMT321	2116	'7567048_/_7878495'		0.43	2.27	3.33	1.08	0.4	1.96	0 No	0 Unintentional Islanding
RMT321	2117	'3673717_/_3673714'		0.9	6.1	10	3.25	0.7	5.9	0 No	0 Unintentional Islanding
RMT321	2118	'3673734_/_3673731'		0.9	5.9	10	3.25	0.7	5.83	0 No	0 Unintentional Islanding
RMT321	2119	'3266461_/_3266458'		0.53	4.07	6.67	2.16	0.6	3.89	0 No	0 Unintentional Islanding
RMT321	2120	'3673751_/_3673748'		0.9	5.8	10	3.25	0.7	5.78	0 No	0 Unintentional Islanding
RMT321	2121	'43281732_/_43281734'		3.33	1.07	3.33	1.08	0.1	1.52	0 No	0 Unintentional Islanding
RMT321	2122	'3673768_/_3673765'		0.9	5.7	10	3.25	0.7	5.7	0 No	0 Unintentional Islanding
RMT321	2123	'3673889_/_3673904'		0.9	5.6	10	3.25	0.7	5.65	0 No	0 Unintentional Islanding
RMT321	2124	'3673784_/_3673887'		0.9	5.5	10	3.25	0.7	5.61	0 No	0 Unintentional Islanding
RMT321	2125	'7567049_/_7567046_1'		0.4	2.1	3.33	1.08	0.4	1.85	0 No	0 Unintentional Islanding
RMT321	2126	'3673785_/_3673782'		0.8	5.4	10	3.25	0.7	5.56	0 No	0 Unintentional Islanding
RMT321	2127	'3266476_/_3266473'		0.53	3.67	6.67	2.16	0.6	3.71	0 No	0 Unintentional Islanding
RMT321	2128	'3229965_/_3229975'		3.33	1.07	3.33	1.08	0.1	1.48	0 No	0 Unintentional Islanding
RMT321	2129	'3673802_/_3673799'		0.8	5.4	10	3.25	0.7	5.52	0 No	0 Unintentional Islanding
RMT321	2130	'3673819_/_3673816'		0.8	5.3	10	3.25	0.7	5.47	0 No	0 Unintentional Islanding
RMT321	2131	'43287091_/_3271916'		0.47	3.6	6.67	2.16	0.6	3.65	0 No	0 Unintentional Islanding
RMT321	2132	'3673836_/_3673833'		0.8	5.2	10	3.25	0.7	5.43	0 No	0 Unintentional Islanding
RMT321	2133	'75110953_/_75110950'		0.23	1.77	3.33	1.08	0.3	1.81	0 No	0 Unintentional Islanding
RMT321	2134	'3673853_/_3673850'		0.8	5.1	10	3.25	0.7	5.38	0 No	0 Unintentional Islanding
RMT321	2135	'3266978_/_3266994'		0.47	3.47	6.67	2.16	0.6	3.58	0 No	0 Unintentional Islanding
RMT321	2136	'3673873_/_3673870'		0.8	5.1	10	3.25	0.7	5.33	0 No	0 Unintentional Islanding
RMT321	2137	'581499133_/_7074147'		0.8	5	10	3.25	0.7	5.31	0 No	0 Unintentional Islanding
RMT321	2138	'3229457_/_581499137'		0.8	5	10	3.25	0.7	5.29	0 No	0 Unintentional Islanding
RMT321	2139	'3229458_/_3229455'		0.8	4.9	10	3.25	0.7	5.25	0 No	0 Unintentional Islanding
RMT321	2140	'3266962_/_3272295'		0.23	1.67	3.33	1.08	0.3	1.75	0 No	0 Unintentional Islanding
RMT321	2141	'3229964_/_3229962'		3.33	1.07	3.33	1.08	0.1	1.42	0 No	0 Unintentional Islanding
RMT321	2142	'3229475_/_3229472'		0.8	4.9	10	3.25	0.7	5.21	0 No	0 Unintentional Islanding
RMT321	2143	'3229492_/_3229489'		0.8	4.8	10	3.25	0.7	5.17	0 No	0 Unintentional Islanding
RMT321	2144	'3266963_/_3266960'		0.23	1.63	3.33	1.08	0.3	1.72	0 No	0 Unintentional Islanding
RMT321	2145	'3229509_/_3229506'		0.8	4.8	10	3.25	0.7	5.12	0 No	0 Unintentional Islanding
RMT321	2146	'3266979_/_3266976'		0.47	3.2	6.67	2.16	0.6	3.41	0 No	0 Unintentional Islanding
RMT321	2147	'3229003_/_3229523'		0.7	4.7	10	3.25	0.7	5.08	0 No	0 Unintentional Islanding
RMT321	2148	'3229004_/_3229001'		0.7	4.6	10	3.25	0.7	5.04	0 No	0 Unintentional Islanding
RMT321	2149	'43284640_/_43284642'		3.33	1.07	3.33	1.08	0.1	1.38	0 No	0 Unintentional Islanding
RMT321	2150	'3229021_/_3229018'		0.7	4.6	10	3.25	0.7	5	0 No	0 Unintentional Islanding
RMT321	2151	'3229038_/_3229035'		0.7	4.5	10	3.25	0.7	4.96	0 No	0 Unintentional Islanding

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RMT321	2152	'3242524_/43284653'	3.33	1.07	3.33	1.08	0.1	1.37	0 No	0	Unintentional Islanding
RMT321	2153	'3229055_/3229052'	0.7	4.5	10	3.25	0.7	4.92	0 No	0	Unintentional Islanding
RMT321	2154	'52130264_/3229069'	0.7	4.4	10	3.25	0.7	4.9	0 No	0	Unintentional Islanding
RMT321	2155	'468317579_/52129941_1'	0.23	1.47	3.33	1.08	0.1	1.63	0 No	0	Unintentional Islanding
RMT321	2156	'3229072_/52129839'	0.7	4.4	10	3.25	0.7	4.89	0 No	0	Unintentional Islanding
RMT321	2157	'52129967_/52129941_2'	0.23	1.47	3.33	1.08	0.1	1.63	0 No	0	Unintentional Islanding
RMT321	2158	'3267015_/3267012'	0.4	2.93	6.67	2.16	0.6	3.26	0 No	0	Unintentional Islanding
RMT321	2159	'3229210_/3229208'	0.47	2.93	6.67	2.16	0.47	3.23	0 No	0	Unintentional Islanding
RMT321	2160	'3229089_/3229086'	0.7	4.4	10	3.25	0.7	4.85	0 No	0	Unintentional Islanding
RMT321	2161	'3229229_/3229226'	0.47	2.87	6.67	2.16	0.47	3.21	0 No	0	Unintentional Islanding
RMT321	2162	'3229106_/3229103'	0.7	4.3	10	3.25	0.7	4.81	0 No	0	Unintentional Islanding
RMT321	2163	'3267030_/3267027'	0.4	2.87	6.67	2.16	0.6	3.2	0 No	0	Unintentional Islanding
RMT321	2164	'52129990_/52129969'	0.23	1.43	3.33	1.08	0.1	1.59	0 No	0	Unintentional Islanding
RMT321	2165	'3229244_/3229241'	0.47	2.87	6.67	2.16	0.47	3.18	0 No	0	Unintentional Islanding
RMT321	2166	'3229123_/3229120'	0.7	4.3	10	3.25	0.7	4.77	0 No	0	Unintentional Islanding
RMT321	2167	'3229259_/3229256'	0.47	2.8	6.67	2.16	0.47	3.15	0 No	0	Unintentional Islanding
RMT321	2168	'3229140_/3229137'	0.7	4.2	10	3.25	0.7	4.73	0 No	0	Unintentional Islanding
RMT321	2169	'3229403_/3229400'	0.23	1.4	3.33	1.08	0.23	1.57	0 No	0	Unintentional Islanding
RMT321	2170	'3267048_/3267045'	0.4	2.8	6.67	2.16	0.6	3.14	0 No	0	Unintentional Islanding
RMT321	2171	'3229157_/3229154'	0.7	4.2	10	3.25	0.7	4.69	0 No	0	Unintentional Islanding
RMT321	2172	'52130014_/52129993'	0.23	1.4	3.33	1.08	0.1	1.56	0 No	0	Unintentional Islanding
RMT321	2173	'3229274_/3229271'	0.47	2.8	6.67	2.16	0.47	3.12	0 No	0	Unintentional Islanding
RMT321	2174	'43287057_/3272274'	0.4	2.8	6.67	2.16	0.6	3.11	0 No	0	Unintentional Islanding
RMT321	2175	'3229174_/3229171'	0.7	4.1	10	3.25	0.7	4.65	0 No	0	Unintentional Islanding
RMT321	2176	'3229416_/3229413'	0.23	1.37	3.33	1.08	0.23	1.55	0 No	0	Unintentional Islanding
RMT321	2177	'3229289_/3229286'	0.47	2.73	6.67	2.16	0.47	3.09	0 No	0	Unintentional Islanding
RMT321	2178	'3272277_/43287059'	0.4	2.73	6.67	2.16	0.2	3.09	0 No	0	Unintentional Islanding
RMT321	2179	'3229191_/3229188'	0.7	4.1	10	3.25	0.7	4.62	0 No	0	Unintentional Islanding
RMT321	2180	'52130038_/52130017'	0.23	1.37	3.33	1.08	0.1	1.53	0 No	0	Unintentional Islanding
RMT321	2181	'3229352_/3229349'	0.6	4	10	3.25	0.7	4.58	0 No	0	Unintentional Islanding
RMT321	2182	'3229429_/3229426'	0.23	1.33	3.33	1.08	0.23	1.52	0 No	0	Unintentional Islanding
RMT321	2183	'3229304_/3229301'	0.4	2.67	6.67	2.16	0.47	3.04	0 No	0	Unintentional Islanding
RMT321	2184	'3229369_/3229366'	0.6	4	10	3.25	0.7	4.55	0 No	0	Unintentional Islanding
RMT321	2185	'52130062_/52130041'	0.2	1.33	3.33	1.08	0.1	1.51	0 No	0	Unintentional Islanding
RMT321	2186	'9145818_/9145815'	0.33	2.53	6.67	2.16	0.2	3.04	0 No	0	Unintentional Islanding
RMT321	2187	'3229319_/3229316'	0.4	2.67	6.67	2.16	0.47	3.01	0 No	0	Unintentional Islanding
RMT321	2188	'3229386_/3229383'	0.6	3.9	10	3.25	0.7	4.51	0 No	0	Unintentional Islanding
RMT321	2189	'43280340_/3229439'	0.23	1.33	3.33	1.08	0.23	1.5	0 No	0	Unintentional Islanding
RMT321	2190	'3267063_/3267060'	0.4	2.6	6.67	2.16	0.6	3.01	0 No	0	Unintentional Islanding
RMT321	2191	'3229546_/3229543'	0.6	3.9	10	3.25	0.7	4.47	0 No	0	Unintentional Islanding
RMT321	2192	'415407972_/3229560'	0.6	3.9	10	3.25	0.7	4.47	0 No	0	Unintentional Islanding
RMT321	2193	'52130086_/52130065'	0.2	1.33	3.33	1.08	0.1	1.49	0 No	0	Unintentional Islanding
RMT321	2194	'415408088_/415408059_1'	0.6	3.9	10	3.25	0.7	4.47	0 No	0	Unintentional Islanding
RMT321	2195	'43280328_/3229334'	0.4	2.6	6.67	2.16	0.47	2.98	0 No	0	Unintentional Islanding
RMT321	2196	'3229563_/415407980'	0.6	3.9	10	3.25	0.7	4.46	0 No	0	Unintentional Islanding
RMT321	2197	'438886397_/415408059_2'	0.6	3.9	10	3.25	0.7	4.45	0 No	0	Unintentional Islanding
RMT321	2198	'43280374_/43280376'	0.6	3.9	10	3.25	0.7	4.44	0 No	0	Unintentional Islanding
RMT321	2199	'7568750_/9460670'	0.4	2.6	6.67	2.16	0.2	2.97	0 No	0	Unintentional Islanding
RMT321	2200	'3229582_/3229580'	0.2	1.3	3.33	1.08	0.23	1.48	0 No	0	Unintentional Islanding
RMT321	2201	'3267084_/3267081'	0.2	1.3	3.33	1.08	0.3	1.48	0 No	0	Unintentional Islanding
RMT321	2202	'3229442_/43280342'	0.23	1.3	3.33	1.08	0.23	1.48	0 No	0	Unintentional Islanding
RMT321	2203	'43280362_/3229609'	0.4	2.53	6.67	2.16	0.47	2.95	0 No	0	Unintentional Islanding
RMT321	2204	'3229632_/3229630'	0.6	3.8	10	3.25	0.4	4.42	0 No	0	Unintentional Islanding
RMT321	2205	'3229337_/43280330'	0.4	2.53	6.67	2.16	0.47	2.94	0 No	0	Unintentional Islanding
RMT321	2206	'52130110_/52130089'	0.2	1.3	3.33	1.08	0.1	1.46	0 No	0	Unintentional Islanding
RMT321	2207	'3229612_/43280364'	0.4	2.53	6.67	2.16	0.47	2.92	0 No	0	Unintentional Islanding
RMT321	2208	'43287103_/3267094'	0.17	1.27	3.33	1.08	0.3	1.46	0 No	0	Unintentional Islanding
RMT321	2209	'43280351_/3229596'	0.2	1.27	3.33	1.08	0.23	1.46	0 No	0	Unintentional Islanding
RMT321	2210	'52130134_/52130113'	0.2	1.27	3.33	1.08	0.1	1.44	0 No	0	Unintentional Islanding
RMT321	2211	'3267110_/3267107'	0.17	1.23	3.33	1.08	0.3	1.45	0 No	0	Unintentional Islanding
RMT321	2212	'3229599_/43280353'	0.2	1.23	3.33	1.08	0.23	1.43	0 No	0	Unintentional Islanding
RMT321	2213	'43287114_/3267120'	0.17	1.23	3.33	1.08	0.3	1.43	0 No	0	Unintentional Islanding
RMT321	2214	'52130158_/52130137'	0.2	1.27	3.33	1.08	0.1	1.42	0 No	0	Unintentional Islanding
RMT321	2215	'9142174_/9142171'	0.6	3.6	10	3.25	0.4	4.24	0 No	0	Unintentional Islanding
RMT321	2216	'3267123_/43287116'	0.17	1.2	3.33	1.08	0.3	1.41	0 No	0	Unintentional Islanding
RMT321	2217	'52130182_/52130161'	0.2	1.23	3.33	1.08	0.1	1.4	0 No	0	Unintentional Islanding
RMT321	2218	'7880349_/8831386'	0.2	1.33	3.33	1.08	0.1	1.38	0 No	0	Unintentional Islanding
RMT321	2219	'9460691_/9460704'	0.2	1.33	3.33	1.08	0.1	1.38	0 No	0	Unintentional Islanding
RMT321	2220	'415408040_/438886436'	0.6	3.5	10	3.25	0.7	4.16	0 No	0	Unintentional Islanding
RMT321	2221	'52130206_/52130185'	0.2	1.23	3.33	1.08	0.1	1.38	0 No	0	Unintentional Islanding
RMT321	2222	'52130212_/52130209'	0.2	1.2	3.33	1.08	0.1	1.36	0 No	0	Unintentional Islanding
RMT321	2223	'468317522_/455416559'	0.2	1.2	3.33	1.08	0.1	1.36	0 No	0	Unintentional Islanding
RMT321	2224	'468317554_/455416600_1'	0.2	1.2	3.33	1.08	0.1	1.36	0 No	0	Unintentional Islanding
RMT321	2225	'412425817_/406000801_1'	10	4.2	10	3.25	0.2	3.47	0 No	0	Unintentional Islanding
RMT321	2226	'438886502_/411072300'	0.5	3.3	10	3.25	0.7	3.97	0 No	0	Unintentional Islanding
RMT321	2227	'412425702_/406000801_2'	10	4.2	10	3.25	0.2	3.46	0 No	0	Unintentional Islanding
RMT321	2228	'412425643_/406002314'	10	4.2	10	3.25	0.2	3.44	0 No	0	Unintentional Islanding
RMT321	2229	'412425644_/406000761'	10	4.2	10	3.25	0.2	3.44	0 No	0	Unintentional Islanding
RMT321	2230	'406002234_/406000782'	10	4.2	10	3.25	0.2	3.42	0 No	0	Unintentional Islanding
RMT321	2231	'406002213_/406002236'	10	4.2	10	3.25	0.2	3.4	0 No	0	Unintentional Islanding
RMT321	2232	'406000785_/406002215'	10	4.2	10	3.25	0.2	3.39	0 No	0	Unintentional Islanding
RMT321	2233	'413332655_/406002143'	10	4.2	10	3.25	0.2	3.38	0 No	0	Unintentional Islanding
RMT321	2234	'43364744_/413332663'	10	4.2	10	3.25	0.2	3.37	0 No	0	Unintentional Islanding
RMT321	2235	'3693959_/3693976'	10	4.2	10	3.25	0.2	3.37	0 No	0	Unintentional Islanding
RMT321	2236	'43364731_/3693956'	10	4.2	10	3.25	0.2	3.36	0 No	0	Unintentional Islanding
RMT321	2237	'452300216_/452300339_1'	10	5.2	10	3.25	0.2	3.31	0 No	0	Unintentional Islanding
RMT321	2238	'437315278_/452300339_2'	10	5.2	10	3.25	0.2	3.31	0 No	0	Unintentional Islanding
RMT321	2239	'3694364_/3695654'	10	4.2	10	3.25	0.2	3.31	0 No	0	Unintentional Islanding
RMT321	2240	'43364770_/3694362'	10	4.2	10	3.25	0.2	3.26	0 No	0	Unintentional Islanding
RMT321	2241	'438886462_/438886522'	0.5	3	10	3.25	0.7	3.69	0 No	0	Unintentional Islanding
RMT321	2242	'3694033_/43364772'	10	4.2	10	3.25	0.2	3.22	0 No	0	Unintentional Islanding
RMT321	2243	'3694050_/3694047'	10	4.2	10	3.25	0.2	3.17	0 No	0	Unintentional Islanding
RMT321	2244	'411072281_/438886480'	0.5	2.9	10	3.25	0.7	3.56	0 No	0	Unintentional Islanding
RMT321	2245	'3694067_/3694064'	10	4.2	10	3.25	0.2	3.13	0 No	0	Unintentional Islanding

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RMT321	2246	'455416581_/455416600_2'	0.17		1	3.33	1.08	0.1	1.16	0 No	0 Unintentional Islanding
RMT321	2247	'3694084_/3694081'	10		4.2	10	3.25	0.2	3.08	0 No	0 Unintentional Islanding
RMT321	2248	'3694101_/3694098'	10		4.2	10	3.25	0.2	3.04	0 No	0 Unintentional Islanding
RMT321	2249	'3694118_/3694115'	10		4.2	10	3.25	0.2	2.98	0 No	0 Unintentional Islanding
RMT321	2250	'3694141_/3694138'	10		4.2	10	3.25	0.2	2.93	0 No	0 Unintentional Islanding
RMT321	2251	'3694161_/3694158'	10		4.2	10	3.25	0.2	2.88	0 No	0 Unintentional Islanding
RMT321	2252	'3694229_/3694243'	10		4.2	10	3.25	0.2	2.85	0 No	0 Unintentional Islanding
RMT321	2253	'3694212_/3694226'	10		4.2	10	3.25	0.2	2.83	0 No	0 Unintentional Islanding
RMT321	2254	'3694195_/3694209'	10		4.2	10	3.25	0.2	2.81	0 No	0 Unintentional Islanding
RMT321	2255	'3694178_/3694192'	0.8		4.2	10	3.25	0.2	2.78	0 No	0 Unintentional Islanding
RMT321	2256	'3694177_/3694175'	0.8		4.2	10	3.25	0.2	2.76	0 No	0 Unintentional Islanding
RMT321	2257	'3694385_/3694382'	0.7		4.2	10	3.25	0.2	2.74	0 No	0 Unintentional Islanding
RMT321	2258	'3696792_/3696789'	0.7		4.2	10	3.25	0.2	2.72	0 No	0 Unintentional Islanding
RMT321	2259	'7907963_/8851461'	0.7		4.2	10	3.25	0.2	2.71	0 No	0 Unintentional Islanding
RMT321	2260	'7589005_/7589003_1'	0.47		2.8	6.67	2.16	0.13	1.81	0 No	0 Unintentional Islanding
RMT321	2261	'7589006_/7589003_2'	0.47		2.8	6.67	2.16	0.13	1.81	0 No	0 Unintentional Islanding
RMT321	2262	'37709923_/7907979'	0.47		2.8	6.67	2.16	0.13	1.81	0 No	0 Unintentional Islanding
RMT321	2263	'37709916_/37709920'	0.47		2.8	6.67	2.16	0.13	1.81	0 No	0 Unintentional Islanding
RMT321	2264	'37709937_/37709941'	0.47		2.8	6.67	2.16	0.13	1.81	0 No	0 Unintentional Islanding
RMT321	2265	'400244800_/400244797'	0.47		2.8	6.67	2.16	0.13	1.81	0 No	0 Unintentional Islanding
RMT321	2266	'37709915_/37709913'	0.47		2.8	6.67	2.16	0.13	1.81	0 No	0 Unintentional Islanding
RMT321	2267	'3233336_/7074299'	0.7		4.2	10	3.25	0.2	2.7	0 No	0 Unintentional Islanding
RMT321	2268	'9479717_/9479714'	0.47		2.8	6.67	2.16	0.13	1.8	0 No	0 Unintentional Islanding
RMT321	2269	'43282390_/3233355'	0.6		4.2	10	3.25	0.2	2.68	0 No	0 Unintentional Islanding
RMT321	2270	'3233337_/3233334'	0.4		2.8	6.67	2.16	0.13	1.78	0 No	0 Unintentional Islanding
RMT321	2271	'8851446_/8851443'	0.4		2.8	6.67	2.16	0.13	1.77	0 No	0 Unintentional Islanding
RMT321	2272	'3233358_/43282392'	0.6		4.2	10	3.25	0.2	2.66	0 No	0 Unintentional Islanding
RMT321	2273	'45229963_/3703839_1'	10		3.2	10	3.25	0.2	2.51	0 No	0 Unintentional Islanding
RMT321	2274	'3694843_/3703839_2'	10		3.2	10	3.25	0.2	2.5	0 No	0 Unintentional Islanding
RMT321	2275	'43363837_/3694841'	10		3.2	10	3.25	0.2	2.49	0 No	0 Unintentional Islanding
RMT321	2276	'3694861_/3694858'	10		3.2	10	3.25	0.2	2.48	0 No	0 Unintentional Islanding
RMT321	2277	'8223076_/8223074_1'	3.33		1.07	3.33	1.08	0.07	0.83	0 No	0 Unintentional Islanding
RMT321	2278	'43363850_/3694875'	10		3.2	10	3.25	0.2	2.47	0 No	0 Unintentional Islanding
RMT321	2279	'3694895_/3694892'	10		3.2	10	3.25	0.2	2.46	0 No	0 Unintentional Islanding
RMT321	2280	'8223077_/8223074_2'	3.33		1.07	3.33	1.08	0.07	0.82	0 No	0 Unintentional Islanding
RMT321	2281	'43363863_/3694909'	10		3.2	10	3.25	0.2	2.44	0 No	0 Unintentional Islanding
RMT321	2282	'3694929_/43363865'	10		3.2	10	3.25	0.2	2.42	0 No	0 Unintentional Islanding
RMT321	2283	'3694949_/3694946'	6.67		2.13	6.67	2.16	0.13	1.61	0 No	0 Unintentional Islanding
RMT321	2284	'3694970_/3694967'	6.67		2.13	6.67	2.16	0.13	1.6	0 No	0 Unintentional Islanding
RMT321	2285	'3695228_/3695225'	6.67		2.13	6.67	2.16	0.13	1.59	0 No	0 Unintentional Islanding
RMT321	2286	'3695246_/3695243'	6.67		2.13	6.67	2.16	0.13	1.57	0 No	0 Unintentional Islanding
RMT321	2287	'49453743_/3695258'	6.67		2.13	6.67	2.16	0.13	1.56	0 No	0 Unintentional Islanding
RMT321	2288	'3247431_/7074183'	6.67		2.13	6.67	2.16	0.13	1.55	0 No	0 Unintentional Islanding
RMT321	2289	'3247432_/3247429'	6.67		2.13	6.67	2.16	0.13	1.53	0 No	0 Unintentional Islanding
RMT321	2290	'3247447_/3247444'	6.67		2.13	6.67	2.16	0.13	1.52	0 No	0 Unintentional Islanding
RMT321	2291	'3246884_/3247459'	6.67		2.13	6.67	2.16	0.13	1.51	0 No	0 Unintentional Islanding
RMT321	2292	'3246885_/3246882'	6.67		2.13	6.67	2.16	0.13	1.49	0 No	0 Unintentional Islanding
RMT321	2293	'3246836_/3246897'	6.67		2.13	6.67	2.16	0.13	1.48	0 No	0 Unintentional Islanding
RMT321	2294	'43281644_/3246834'	6.67		2.13	6.67	2.16	0.13	1.46	0 No	0 Unintentional Islanding
RMT321	2295	'43281656_/43281646'	6.67		2.13	6.67	2.16	0.13	1.45	0 No	0 Unintentional Islanding
RMT321	2296	'3246870_/43281658'	6.67		2.13	6.67	2.16	0.13	1.44	0 No	0 Unintentional Islanding
RMT321	2297	'43281668_/3247203'	6.67		2.13	6.67	2.16	0.13	1.42	0 No	0 Unintentional Islanding
RMT321	2298	'3247224_/3247221'	6.67		2.13	6.67	2.16	0.13	1.42	0 No	0 Unintentional Islanding
RMT321	2299	'3247239_/3247236'	6.67		2.13	6.67	2.16	0.13	1.41	0 No	0 Unintentional Islanding
RMT321	2300	'3247666_/3247663'	6.67		2.13	6.67	2.16	0.13	1.4	0 No	0 Unintentional Islanding
RMT321	2301	'273927434_/273927405_2'	3.33		1.07	3.33	1.08	0.07	0.7	0 No	0 Unintentional Islanding
RMT321	2302	'45032572_/3247681'	6.67		2.13	6.67	2.16	0.13	1.4	0 No	0 Unintentional Islanding
RMT321	2303	'3245992_/3246026_1'	10		2.2	10	3.25	0.1	1.98	0 No	0 Unintentional Islanding
RMT321	2304	'3246009_/3246026_2'	10		2.2	10	3.25	0.1	1.98	0 No	0 Unintentional Islanding
RMT321	2305	'50370797_/3246026_3'	10		2.2	10	3.25	0.1	1.97	0 No	0 Unintentional Islanding
RMT321	2306	'61696866_/603687456_2'	10		2.2	10	3.25	0.1	1.97	0 No	0 Unintentional Islanding
RMT321	2307	'3246046_/3246043'	3.33		0.73	3.33	1.08	0.03	0.65	0 No	0 Unintentional Islanding
RMT321	2308	'7878276_/8200853_1'	3.33		0.73	3.33	1.08	0.03	0.65	0 No	0 Unintentional Islanding
RMT321	2309	'603687452_/603687456_1'	10		2.2	10	3.25	0.1	1.96	0 No	0 Unintentional Islanding
RMT321	2310	'603687497_/603687529'	10		2.2	10	3.25	0.1	1.96	0 No	0 Unintentional Islanding
RMT321	2311	'603687419_/603687513'	10		2.2	10	3.25	0.1	1.96	0 No	0 Unintentional Islanding
RMT321	2312	'273927386_/273927405_1'	3.33		1.07	3.33	1.08	0.07	0.67	0 No	0 Unintentional Islanding
RMT321	2313	'8829487_/8829484'	10		2.2	10	3.25	0.1	1.95	0 No	0 Unintentional Islanding
RMT321	2314	'8200856_/8200853_2'	3.33		0.73	3.33	1.08	0.03	0.64	0 No	0 Unintentional Islanding
RMT321	2315	'491671460_/491671482'	6.67		1.47	6.67	2.16	0.2	1.1	0 No	0 Unintentional Islanding
RMT321	2316	'8122857_/8122854'	6.67		1.47	6.67	2.16	0.2	1.09	0 No	0 Unintentional Islanding
RMT321	2317	'88887055_/8828178_2'	3.33		0.73	3.33	1.08	0.1	0.55	0 No	0 Unintentional Islanding
RMT321	2318	'483071599_/483071580_1'	3.33		0.73	3.33	1.08	0.1	0.54	0 No	0 Unintentional Islanding
RMT321	2319	'483071615_/483071589_1'	3.33		0.73	3.33	1.08	0.1	0.54	0 No	0 Unintentional Islanding
RMT321	2320	'8828181_/8828178_1'	3.33		0.73	3.33	1.08	0.1	0.54	0 No	0 Unintentional Islanding
RMT321	2321	'39685099_/483071580_2'	3.33		0.73	3.33	1.08	0.1	0.54	0 No	0 Unintentional Islanding
RMT321	2322	'111919568_/3259934_1'	3.33		0.73	3.33	1.08	0.1	0.54	0 No	0 Unintentional Islanding
RMT321	2323	'43286154_/3259934_2'	3.33		0.73	3.33	1.08	0.1	0.53	0 No	0 Unintentional Islanding
RMT321	2324	'44450561_/43286156'	3.33		0.73	3.33	1.08	0.1	0.53	0 No	0 Unintentional Islanding
RMT321	2325	'7500242_/7500240_1'	3.33		0.73	3.33	1.08	0.1	0.53	0 No	0 Unintentional Islanding
RMT321	2326	'7500243_/7500240_2'	3.33		0.73	3.33	1.08	0.1	0.53	0 No	0 Unintentional Islanding
RMT321	2327	'437315307_/3703701'	10		0.2	10	3.25	0.1	0.28	0 No	0 Unintentional Islanding
RMT321	2328	'437315400_/9168036_1'	10		0.2	10	3.25	0.1	0.28	0 No	0 Unintentional Islanding
RMT321	2329	'437315340_/9168036_2'	10		0.2	10	3.25	0.1	0.28	0 No	0 Unintentional Islanding
RNV021	0	'RNV021_/1065232'	10		10	10	0.39	10	10	5.45 Yes	0.39 Thermal Discharging
RNV021	1	'1065178_/1065232'	10		10	10	0.39	10	10	2.84 Yes	0.39 Thermal Discharging
RNV021	2	'1065195_/1065192'	10		10	10	0.39	10	10	2.84 Yes	0.39 Thermal Discharging
RNV021	3	'1065161_/1065175_2'	10		10	10	0.39	10	10	2.84 Yes	0.39 Thermal Discharging
RNV021	4	'1062356_/1065175_1'	10		10	10	0.39	10	10	2.84 Yes	0.39 Thermal Discharging
RNV021	5	'1062430_/130320144'	10		10	10	0.39	10	10	2.84 Yes	0.39 Thermal Discharging
RNV021	6	'130319908_/130320167'	10		10	10	0.39	10	10	2.84 Yes	0.39 Thermal Discharging
RNV021	7	'130320017_/130320014'	10		10	10	0.39	10	10	2.84 Yes	0.39 Thermal Discharging
RNV021	8	'1062375_/1065209'	10		10	10	0.39	10	10	2.84 Yes	0.39 Thermal Discharging
RNV021	9	'130320476_/130320033_1'	10		10	10	0.39	10	10	2.84 Yes	0.39 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage	Regulator	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
				Deviation	Deviation					VSR (MW)	Limiting Threshold
RNV021	10	'130320036_/_130320033_2'		10	10	10	0.39	10	10	2.84 Yes	0.39 Thermal Discharging
RNV021	11	'130320379_/_1062444_2'		10	10	10	0.39	3	10	2.84 Yes	0.39 Thermal Discharging
RNV021	12	'68291948_/_50716938'		10	10	10	0.39	5.4	10	2.84 Yes	0.39 Thermal Discharging
RNV021	13	'1065588_/_1065623'		10	10	10	0.39	3.5	10	2.84 Yes	0.39 Thermal Discharging
RNV021	14	'1062322_/_1062353'		10	10	10	0.39	5.4	10	2.84 Yes	0.39 Thermal Discharging
RNV021	15	'1062376_/_1062373'		10	10	10	0.39	2.8	10	2.84 Yes	0.39 Thermal Discharging
RNV021	16	'1062447_/_1062444_1'		10	10	10	0.39	1.3	10	2.84 Yes	0.39 Thermal Discharging
RNV021	17	'1065589_/_1065586'		10	10	10	0.39	3.5	10	2.84 Yes	0.39 Thermal Discharging
RNV021	18	'1062321_/_1062319'		10	10	10	0.39	5.4	10	2.84 Yes	0.39 Thermal Discharging
RNV021	19	'1062586_/_1062598'		10	10	10	0.39	5.4	10	2.84 Yes	0.39 Thermal Discharging
RNV021	20	'1062585_/_1065000_2'		6.67	6.67	6.67	0.26	3.6	6.67	1.9 Yes	0.26 Thermal Discharging
RNV021	21	'1062633_/_1062631_1'		3.33	3.33	3.33	0.13	0.4	3.33	0.95 Yes	0.13 Thermal Discharging
RNV021	22	'1053181_/_1065000_1'		6.67	6.67	6.67	0.26	1	6.67	1.9 Yes	0.26 Thermal Discharging
RNV021	23	'42947264_/_1065606'		10	10	10	0.39	3.5	10	2.84 Yes	0.39 Thermal Discharging
RNV021	24	'50169726_/_1062410'		10	10	10	0.39	2.8	10	2.84 Yes	0.39 Thermal Discharging
RNV021	25	'42947024_/_1053179'		6.67	6.67	6.67	0.26	1	6.67	1.9 Yes	0.26 Thermal Discharging
RNV021	26	'1062621_/_1062618'		3.33	3.33	3.33	0.13	0.9	3.33	0.95 Yes	0.13 Thermal Discharging
RNV021	27	'1062464_/_1062461'		10	10	10	0.39	1.3	10	2.84 Yes	0.39 Thermal Discharging
RNV021	28	'1053169_/_1053197'		6.67	6.67	6.67	0.26	1	6.67	1.9 Yes	0.26 Thermal Discharging
RNV021	29	'1062634_/_1062631_2'		3.33	3.33	3.33	0.13	0.4	3.33	0.95 Yes	0.13 Thermal Discharging
RNV021	30	'1053215_/_1053212'		6.67	6.67	6.67	0.26	1	6.67	1.9 Yes	0.26 Thermal Discharging
RNV021	31	'1060299_/_1060296'		10	10	10	0.39	3.5	10	2.84 Yes	0.39 Thermal Discharging
RNV021	32	'1053230_/_1053227'		6.67	6.67	6.67	0.26	1	6.67	1.9 Yes	0.26 Thermal Discharging
RNV021	33	'1062413_/_50169723'		10	10	10	0.39	2.8	10	2.84 Yes	0.39 Thermal Discharging
RNV021	34	'8151037_/_476663429_1'		10	10	10	0.39	1.3	10	2.84 Yes	0.39 Thermal Discharging
RNV021	35	'42947036_/_1053166'		3.33	3.33	3.33	0.13	0.5	3.33	0.95 Yes	0.13 Thermal Discharging
RNV021	36	'1053245_/_1053242'		6.67	6.67	6.67	0.26	1	6.67	1.9 Yes	0.26 Thermal Discharging
RNV021	37	'8151038_/_476663429_2'		10	10	10	0.39	1.3	10	2.84 Yes	0.39 Thermal Discharging
RNV021	38	'1062481_/_1062478'		10	10	10	0.39	1.3	10	2.84 Yes	0.39 Thermal Discharging
RNV021	39	'1062646_/_1065879'		3.33	3.33	3.33	0.13	0.4	3.33	0.95 Yes	0.13 Thermal Discharging
RNV021	40	'42947047_/_1053257'		6.67	6.67	6.67	0.26	1	6.67	1.9 Yes	0.26 Thermal Discharging
RNV021	41	'1060316_/_1060313'		10	10	10	0.39	3.5	10	2.84 Yes	0.39 Thermal Discharging
RNV021	42	'212659407_/_1053287'		6.67	6.67	6.67	0.26	1	6.67	1.9 Yes	0.26 Thermal Discharging
RNV021	43	'1060537_/_1060551_1'		10	10	10	0.39	1.3	10	2.84 Yes	0.39 Thermal Discharging
RNV021	44	'1053488_/_1053485'		3.33	3.33	3.33	0.13	0.5	3.33	0.95 Yes	0.13 Thermal Discharging
RNV021	45	'1053140_/_1053150'		3.33	3.33	3.33	0.13	0.5	3.33	0.95 Yes	0.13 Thermal Discharging
RNV021	46	'1062518_/_1062515'		3.33	3.33	3.33	0.13	0.43	3.33	0.95 Yes	0.13 Thermal Discharging
RNV021	47	'49954731_/_1065932'		10	10	10	0.39	2.8	10	2.84 Yes	0.39 Thermal Discharging
RNV021	48	'1053290_/_212659409'		6.67	6.67	6.67	0.26	1	6.67	1.9 Yes	0.26 Thermal Discharging
RNV021	49	'1060333_/_1060330'		10	10	10	0.39	3.5	10	2.84 Yes	0.39 Thermal Discharging
RNV021	50	'1053504_/_1053501'		3.33	3.33	3.33	0.13	0.5	3.33	0.95 Yes	0.13 Thermal Discharging
RNV021	51	'1060554_/_1060551_2'		10	10	10	0.39	1.3	10	2.84 Yes	0.39 Thermal Discharging
RNV021	52	'1053139_/_1053137'		3.33	3.33	3.33	0.13	0.5	3.33	0.95 Yes	0.13 Thermal Discharging
RNV021	53	'42947548_/_1062495'		10	10	10	0.39	1.3	10	2.84 Yes	0.39 Thermal Discharging
RNV021	54	'1053305_/_1053302'		6.67	6.67	6.67	0.26	1	6.67	1.9 Yes	0.26 Thermal Discharging
RNV021	55	'1060350_/_1060347'		10	10	10	0.39	3.5	10	2.84 Yes	0.39 Thermal Discharging
RNV021	56	'42947059_/_1053514'		3.33	3.33	3.33	0.13	0.5	3.33	0.95 Yes	0.13 Thermal Discharging
RNV021	57	'1053319_/_1059479'		6.67	6.67	6.67	0.26	1	6.67	1.9 Yes	0.26 Thermal Discharging
RNV021	58	'1053320_/_1053317'		6.67	6.67	6.67	0.26	1	6.67	1.9 Yes	0.26 Thermal Discharging
RNV021	59	'50169664_/_1062644'		3.33	3.33	3.33	0.13	0.4	3.33	0.95 Yes	0.13 Thermal Discharging
RNV021	60	'1062286_/_42947061'		3.33	3.33	3.33	0.13	0.4	3.33	0.95 Yes	0.13 Thermal Discharging
RNV021	61	'42947277_/_1060571'		10	10	10	0.39	1.3	10	2.84 Yes	0.39 Thermal Discharging
RNV021	62	'212659377_/_1053347'		6.67	6.67	6.67	0.26	1	6.67	1.9 Yes	0.26 Thermal Discharging
RNV021	63	'1062727_/_49954728'		10	10	10	0.39	2.8	10	2.84 Yes	0.39 Thermal Discharging
RNV021	64	'1053529_/_1053527'		3.33	3.33	3.33	0.13	0.5	3.33	0.95 Yes	0.13 Thermal Discharging
RNV021	65	'1062531_/_1062528'		3.33	3.33	3.33	0.13	0.43	3.33	0.95 Yes	0.13 Thermal Discharging
RNV021	66	'1060367_/_1060364'		10	10	10	0.39	3.5	10	2.84 Yes	0.39 Thermal Discharging
RNV021	67	'1053350_/_212659379'		6.67	6.67	6.67	0.26	1	6.67	1.9 Yes	0.26 Thermal Discharging
RNV021	68	'1060591_/_1060588'		10	10	10	0.39	1.3	10	2.84 Yes	0.39 Thermal Discharging
RNV021	69	'8460719_/_9089921_1'		3.33	3.33	3.33	0.13	0.2	3.33	0.95 Yes	0.13 Thermal Discharging
RNV021	70	'1062660_/_50169661'		3.33	3.33	3.33	0.13	0.4	3.33	0.95 Yes	0.13 Thermal Discharging
RNV021	71	'1062498_/_42947550'		10	10	10	0.39	1.3	10	2.84 Yes	0.39 Thermal Discharging
RNV021	72	'7200362_/_7200360'		3.33	3.33	3.33	0.13	0.4	3.33	0.95 Yes	0.13 Thermal Discharging
RNV021	73	'1060384_/_1060381'		10	10	10	0.39	3.5	10	2.84 Yes	0.39 Thermal Discharging
RNV021	74	'1062728_/_1062725'		10	10	10	0.39	2.8	10	2.84 Yes	0.39 Thermal Discharging
RNV021	75	'1053365_/_1053362'		6.67	6.67	6.67	0.26	1	6.67	1.9 Yes	0.26 Thermal Discharging
RNV021	76	'1053379_/_1059536'		6.67	6.67	6.67	0.26	1	6.67	1.9 Yes	0.26 Thermal Discharging
RNV021	77	'1061628_/_1061626_2'		3.33	3.33	3.33	0.13	0.9	3.33	0.95 Yes	0.13 Thermal Discharging
RNV021	78	'1053380_/_1053377'		6.67	6.67	6.67	0.26	1	6.67	1.9 Yes	0.26 Thermal Discharging
RNV021	79	'1063615_/_1065110'		10	10	10	0.39	2.8	10	2.84 Yes	0.39 Thermal Discharging
RNV021	80	'1062544_/_1062541'		3.33	3.33	3.33	0.13	0.43	3.33	0.95 Yes	0.13 Thermal Discharging
RNV021	81	'405805732_/_1063612_2'		10	10	10	0.39	2.8	10	2.84 Yes	0.39 Thermal Discharging
RNV021	82	'50169691_/_1064941'		3.33	3.33	3.33	0.13	0.4	3.33	0.95 Yes	0.13 Thermal Discharging
RNV021	83	'1059497_/_1059494'		3.33	3.33	3.33	0.13	0.5	3.33	0.95 Yes	0.13 Thermal Discharging
RNV021	84	'1060608_/_1060605'		10	10	10	0.39	1.3	10	2.84 Yes	0.39 Thermal Discharging
RNV021	85	'212659435_/_1053392'		6.67	6.67	6.67	0.26	1	6.67	1.9 Yes	0.26 Thermal Discharging
RNV021	86	'1061629_/_1061626_1'		3.33	3.33	3.33	0.13	0.4	3.33	0.95 Yes	0.13 Thermal Discharging
RNV021	87	'1060401_/_1060398'		10	10	10	0.39	3.5	10	2.84 Yes	0.39 Thermal Discharging
RNV021	88	'1059513_/_1059510'		3.33	3.33	3.33	0.13	0.5	3.33	0.95 Yes	0.13 Thermal Discharging
RNV021	89	'42947316_/_1061639'		3.33	3.33	3.33	0.13	0.4	3.33	0.95 Yes	0.13 Thermal Discharging
RNV021	90	'1053410_/_212659437'		6.67	6.67	6.67	0.26	1	6.67	1.9 Yes	0.26 Thermal Discharging
RNV021	91	'1062897_/_1063612_1'		10	10	10	0.39	1.3	10	2.84 Yes	0.39 Thermal Discharging
RNV021	92	'9089924_/_9089921_2'		3.33	3.33	3.33	0.13	0.2	3.33	0.95 Yes	0.13 Thermal Discharging
RNV021	93	'1060418_/_1060415'		10	10	10	0.39	3.5	10	2.84 Yes	0.39 Thermal Discharging
RNV021	94	'1062748_/_1062745'		10	10	10	0.39	2.8	10	2.84 Yes	0.39 Thermal Discharging
RNV021	95	'1065252_/_1065249_2'		10	10	10	0.39	2.8	10	2.84 Yes	0.39 Thermal Discharging
RNV021	96	'405805790_/_1062775_1'		3.33	3.33	3.33	0.13	0.2	3.33	0.95 Yes	0.13 Thermal Discharging
RNV021	97	'8460734_/_8460732_1'		3.33	3.33	3.33	0.13	0.2	3.33	0.95 Yes	0.13 Thermal Discharging
RNV021	98	'42947303_/_1060622'		10	10	10	0.39	1.3	10	2.84 Yes	0.39 Thermal Discharging
RNV021	99	'1059526_/_1059523'		3.33	3.33	3.33	0.13	0.5	3.33	0.95 Yes	0.13 Thermal Discharging
RNV021	100	'1053425_/_1053422'		6.67	6.67	6.67	0.26	1	6.67	1.9 Yes	0.26 Thermal Discharging
RNV021	101	'1062557_/_1062554'		3.33	3.33	3.33	0.13	0.43	3.33	0.95 Yes	0.13 Thermal Discharging
RNV021	102	'1063541_/_1063538'		10	10	10	0.39	1.3	10	2.84 Yes	0.39 Thermal Discharging
RNV021	103	'8460735_/_8460732_2'		3.33	3.33	3.33	0.13	0.2	3.33	0.95 Yes	0.13 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RNV021	104	'1065349_/_1065346'		6.67	6.67	6.67	0.26	1	6.67	1.9 Yes	0.26 Thermal Discharging
RNV021	105	'1061655_/_42947318'		3.33	3.33	3.33	0.13	0.4	3.33	0.95 Yes	0.13 Thermal Discharging
RNV021	106	'50409331_/_50169688'		3.33	3.33	3.33	0.13	0.4	3.33	0.95 Yes	0.13 Thermal Discharging
RNV021	107	'1065251_/_1065249_1'		10	10	10	0.39	1.3	10	2.84 Yes	0.39 Thermal Discharging
RNV021	108	'1062898_/_1062895'		10	10	10	0.39	1.3	10	2.84 Yes	0.39 Thermal Discharging
RNV021	109	'1068112_/_1068109'		3.33	3.33	3.33	0.13	0.5	3.33	0.95 Yes	0.13 Thermal Discharging
RNV021	110	'1060435_/_1060432'		10	10	10	0.39	3.5	10	2.84 Yes	0.39 Thermal Discharging
RNV021	111	'1060642_/_1060639'		10	10	10	0.39	1.3	10	2.84 Yes	0.39 Thermal Discharging
RNV021	112	'1053439_/_1065361'		6.67	6.67	6.67	0.26	1	6.67	1.9 Yes	0.26 Thermal Discharging
RNV021	113	'645149442_/_645149413_1'		3.33	3.33	3.33	0.13	0.2	3.33	0.95 Yes	0.13 Thermal Discharging
RNV021	114	'1059553_/_1065376'		3.33	3.33	3.33	0.13	0.5	3.33	0.95 Yes	0.13 Thermal Discharging
RNV021	115	'1065391_/_1065389'		3.33	3.33	3.33	0.13	0.5	3.33	0.95 Yes	0.13 Thermal Discharging
RNV021	116	'42947683_/_1063558'		10	10	10	0.39	1.3	10	2.84 Yes	0.39 Thermal Discharging
RNV021	117	'1061668_/_1061665'		3.33	3.33	3.33	0.13	0.4	3.33	0.95 Yes	0.13 Thermal Discharging
RNV021	118	'1065289_/_1065309'		10	10	10	0.39	1.3	10	2.84 Yes	0.39 Thermal Discharging
RNV021	119	'1053440_/_1053437'		6.67	6.67	6.67	0.26	1	6.67	1.9 Yes	0.26 Thermal Discharging
RNV021	120	'1062778_/_1062775_2'		3.33	3.33	3.33	0.13	0.2	3.33	0.95 Yes	0.13 Thermal Discharging
RNV021	121	'42947572_/_1062912'		10	10	10	0.39	1.3	10	2.84 Yes	0.39 Thermal Discharging
RNV021	122	'664682970_/_1062929'		10	10	10	0.39	1.3	10	2.84 Yes	0.39 Thermal Discharging
RNV021	123	'664683113_/_664683057_1'		10	10	10	0.39	0.8	10	2.84 Yes	0.39 Thermal Discharging
RNV021	124	'42947070_/_1059551'		3.33	3.33	3.33	0.13	0.5	3.33	0.95 Yes	0.13 Thermal Discharging
RNV021	125	'664683020_/_664683057_2'		10	10	10	0.39	0.8	10	2.84 Yes	0.39 Thermal Discharging
RNV021	126	'1062573_/_1062570'		3.33	3.33	3.33	0.13	0.43	3.33	0.95 Yes	0.13 Thermal Discharging
RNV021	127	'1061681_/_1061678'		3.33	3.33	3.33	0.13	0.4	3.33	0.95 Yes	0.13 Thermal Discharging
RNV021	128	'1060659_/_1060656'		10	10	10	0.39	1.3	10	2.84 Yes	0.39 Thermal Discharging
RNV021	129	'345581920_/_664682976'		10	10	10	0.39	1.3	10	2.84 Yes	0.39 Thermal Discharging
RNV021	130	'1060452_/_1060449'		10	10	10	0.39	3.5	10	2.84 Yes	0.39 Thermal Discharging
RNV021	131	'1060286_/_1065286'		10	10	10	0.39	1.3	10	2.84 Yes	0.39 Thermal Discharging
RNV021	132	'1063578_/_42947685'		10	10	10	0.39	1.3	10	2.84 Yes	0.39 Thermal Discharging
RNV021	133	'7519592_/_7519589_2'		10	10	10	0.39	1.3	10	2.84 Yes	0.39 Thermal Discharging
RNV021	134	'1065331_/_1065329'		10	10	10	0.39	1.3	10	2.84 Yes	0.39 Thermal Discharging
RNV021	135	'1059570_/_1059567'		3.33	3.33	3.33	0.13	0.5	3.33	0.95 Yes	0.13 Thermal Discharging
RNV021	136	'345684760_/_42950560_1'		10	10	10	0.39	1.3	10	2.84 Yes	0.39 Thermal Discharging
RNV021	137	'1053455_/_1053452'		6.67	6.67	6.67	0.26	1	6.67	1.9 Yes	0.26 Thermal Discharging
RNV021	138	'345581961_/_345581922_1'		10	10	10	0.39	1.3	10	2.84 Yes	0.39 Thermal Discharging
RNV021	139	'7830261_/_645149413_2'		3.33	3.33	3.33	0.13	0.2	3.33	0.95 Yes	0.13 Thermal Discharging
RNV021	140	'7197972_/_42950560_2'		10	10	10	0.39	1.3	10	2.84 Yes	0.39 Thermal Discharging
RNV021	141	'7519591_/_7519589_1'		10	10	10	0.39	0.8	10	2.84 Yes	0.39 Thermal Discharging
RNV021	142	'1061749_/_1061746'		3.33	3.33	3.33	0.13	0.43	3.33	0.95 Yes	0.13 Thermal Discharging
RNV021	143	'50409306_/_50409328'		3.33	3.33	3.33	0.13	0.4	3.33	0.95 Yes	0.13 Thermal Discharging
RNV021	144	'1062949_/_345581922_2'		10	10	10	0.39	1.3	10	2.84 Yes	0.39 Thermal Discharging
RNV021	145	'7197989_/_42950560_3'		10	10	10	0.39	1.3	10	2.84 Yes	0.39 Thermal Discharging
RNV021	146	'1060469_/_1060466'		10	10	10	0.39	3.5	10	2.84 Yes	0.39 Thermal Discharging
RNV021	147	'1053470_/_1053467'		6.67	6.67	6.67	0.26	1	6.67	1.9 Yes	0.26 Thermal Discharging
RNV021	148	'1059583_/_1059580'		3.33	3.33	3.33	0.13	0.5	3.33	0.95 Yes	0.13 Thermal Discharging
RNV021	149	'42947327_/_1061691'		3.33	3.33	3.33	0.13	0.4	3.33	0.95 Yes	0.13 Thermal Discharging
RNV021	150	'1060676_/_1060673'		10	10	10	0.39	1.3	10	2.84 Yes	0.39 Thermal Discharging
RNV021	151	'1062791_/_1062788'		3.33	3.33	3.33	0.13	0.2	3.33	0.95 Yes	0.13 Thermal Discharging
RNV021	152	'1061762_/_1061759'		3.33	3.33	3.33	0.13	0.43	3.33	0.95 Yes	0.13 Thermal Discharging
RNV021	153	'42947253_/_1060283'		3.33	3.33	3.33	0.13	0.43	3.33	0.95 Yes	0.13 Thermal Discharging
RNV021	154	'42947081_/_1059690'		3.33	3.33	3.33	0.13	0.5	3.33	0.95 Yes	0.13 Thermal Discharging
RNV021	155	'1059596_/_1059593'		3.33	3.33	3.33	0.13	0.5	3.33	0.95 Yes	0.13 Thermal Discharging
RNV021	156	'1060486_/_1060483'		10	10	10	0.39	3.5	10	2.84 Yes	0.39 Thermal Discharging
RNV021	157	'1062966_/_1062963'		3.1	10	10	0.39	1.3	10	2.84 Yes	0.39 Thermal Discharging
RNV021	158	'1061707_/_42947329'		3.33	3.33	3.33	0.13	0.4	3.33	0.95 Yes	0.13 Thermal Discharging
RNV021	159	'7830260_/_645149460'		3.33	3.33	3.33	0.13	0.2	3.33	0.95 Yes	0.13 Thermal Discharging
RNV021	160	'42947290_/_1060690'		10	10	10	0.39	1.3	10	2.84 Yes	0.39 Thermal Discharging
RNV021	161	'1059651_/_1059648'		3.33	3.33	3.33	0.13	0.5	3.33	0.95 Yes	0.13 Thermal Discharging
RNV021	162	'1060260_/_1060270'		3.33	3.33	3.33	0.13	0.43	3.33	0.95 Yes	0.13 Thermal Discharging
RNV021	163	'1059706_/_42947083'		3.33	3.33	3.33	0.13	0.5	3.33	0.95 Yes	0.13 Thermal Discharging
RNV021	164	'42948068_/_1065640'		3.33	3.33	3.33	0.13	0.5	3.33	0.95 Yes	0.13 Thermal Discharging
RNV021	165	'1061720_/_1061717'		3.33	3.33	3.33	0.13	0.4	3.33	0.95 Yes	0.13 Thermal Discharging
RNV021	166	'1062804_/_1062801'		3.33	3.33	3.33	0.13	0.2	3.33	0.95 Yes	0.13 Thermal Discharging
RNV021	167	'1059722_/_1059719'		3.33	3.33	3.33	0.13	0.5	3.33	0.95 Yes	0.13 Thermal Discharging
RNV021	168	'1060503_/_1060500'		10	10	10	0.39	3.5	10	2.84 Yes	0.39 Thermal Discharging
RNV021	169	'1060710_/_42947292'		3.6	10	10	0.39	1.3	10	2.84 Yes	0.39 Thermal Discharging
RNV021	170	'1059608_/_1065653'		3.33	3.33	3.33	0.13	0.5	3.33	0.95 Yes	0.13 Thermal Discharging
RNV021	171	'1062999_/_1062980'		2.4	10	10	0.39	1.3	10	2.84 Yes	0.39 Thermal Discharging
RNV021	172	'1061733_/_1061730'		3.33	3.33	3.33	0.13	0.4	3.33	0.95 Yes	0.13 Thermal Discharging
RNV021	173	'1059664_/_1059661'		3.33	3.33	3.33	0.13	0.5	3.33	0.95 Yes	0.13 Thermal Discharging
RNV021	174	'1059735_/_1059732'		3.33	3.33	3.33	0.13	0.5	3.33	0.95 Yes	0.13 Thermal Discharging
RNV021	175	'379481938_/_50409303'		3.33	3.33	3.33	0.13	0.4	3.33	0.95 Yes	0.13 Thermal Discharging
RNV021	176	'1060244_/_1060257'		3.33	3.33	3.33	0.13	0.43	3.33	0.95 Yes	0.13 Thermal Discharging
RNV021	177	'1059748_/_1059745'		3.33	3.33	3.33	0.13	0.5	3.33	0.95 Yes	0.13 Thermal Discharging
RNV021	178	'1059609_/_1059606'		3.33	3.33	3.33	0.13	0.5	3.33	0.95 Yes	0.13 Thermal Discharging
RNV021	179	'604053394_/_604053368_2'		0.8	3.33	3.33	0.13	0.43	3.33	0.95 Yes	0.13 Thermal Discharging
RNV021	180	'604053370_/_604053368_1'		0.8	3.33	3.33	0.13	0.43	3.33	0.95 Yes	0.13 Thermal Discharging
RNV021	181	'1063466_/_1063463'		0.8	3.33	3.33	0.13	0.43	3.33	0.95 Yes	0.13 Thermal Discharging
RNV021	182	'1059680_/_1059677'		3.33	3.33	3.33	0.13	0.5	3.33	0.95 Yes	0.13 Thermal Discharging
RNV021	183	'1060137_/_1060134'		3.33	3.33	3.33	0.13	0.5	3.33	0.95 Yes	0.13 Thermal Discharging
RNV021	184	'1060520_/_1060517'		5.2	10	10	0.39	3.5	10	2.84 Yes	0.39 Thermal Discharging
RNV021	185	'1062010_/_702209884'		5.2	10	10	0.39	3.5	10	2.84 Yes	0.39 Thermal Discharging
RNV021	186	'345684729_/_1059619'		3.33	3.33	3.33	0.13	0.5	3.33	0.95 Yes	0.13 Thermal Discharging
RNV021	187	'702210282_/_702209915_1'		5.2	10	10	0.39	3.5	10	2.84 Yes	0.39 Thermal Discharging
RNV021	188	'1059761_/_1059758'		3.33	3.33	3.33	0.13	0.5	3.33	0.95 Yes	0.13 Thermal Discharging
RNV021	189	'1063000_/_1062997'		2.1	10	10	0.39	1.3	10	2.84 Yes	0.39 Thermal Discharging
RNV021	190	'702209985_/_702209915_2'		5.2	10	10	0.39	3.5	10	2.84 Yes	0.39 Thermal Discharging
RNV021	191	'1061977_/_702210029'		5.2	10	10	0.39	3.5	10	2.84 Yes	0.39 Thermal Discharging
RNV021	192	'7198026_/_7198043_1'		4.8	10	10	0.39	1.3	10	2.84 Yes	0.39 Thermal Discharging
RNV021	193	'702209947_/_702209944'		5.2	10	10	0.39	3.5	10	2.84 Yes	0.39 Thermal Discharging
RNV021	194	'1065955_/_1065986_1'		4.8	10	10	0.39	1.3	10	2.84 Yes	0.39 Thermal Discharging
RNV021	195	'1063479_/_1063476'		0.83	3.33	3.33	0.13	0.43	3.33	0.95 Yes	0.13 Thermal Discharging
RNV021	196	'1062817_/_1062814'		1.23	3.33	3.33	0.13	0.2	3.33	0.95 Yes	0.13 Thermal Discharging
RNV021	197	'42947397_/_1061991'		4.9	10	10	0.39	3.2	10	2.84 Yes	0.39 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RNV021	198	'1075237_/702209967'	5.2	10	10	0.39	3.5	10	2.84 Yes	0.39	Thermal Discharging
RNV021	199	'1060150_/1060147'	3.33	3.33	3.33	0.13	0.5	3.33	0.95 Yes	0.13	Thermal Discharging
RNV021	200	'1061798_/7198043_2'	4.4	10	10	0.39	1.3	10	2.84 Yes	0.39	Thermal Discharging
RNV021	201	'1061329_/658362159'	5.2	10	10	0.39	3.5	10	2.84 Yes	0.39	Thermal Discharging
RNV021	202	'1059638_/345684731'	3.33	3.33	3.33	0.13	0.5	3.33	0.95 Yes	0.13	Thermal Discharging
RNV021	203	'1075288_/1075303_2'	4.8	10	10	0.39	3.3	10	2.84 Yes	0.39	Thermal Discharging
RNV021	204	'1061346_/658362188'	5.2	10	10	0.39	3.5	10	2.84 Yes	0.39	Thermal Discharging
RNV021	205	'658362213_/658362210'	5.2	10	10	0.39	3.5	10	2.84 Yes	0.39	Thermal Discharging
RNV021	206	'1062233_/1062230_2'	4.8	10	10	0.39	2.8	10	2.84 Yes	0.39	Thermal Discharging
RNV021	207	'1060231_/1060241'	3.33	3.33	3.33	0.13	0.43	3.33	0.95 Yes	0.13	Thermal Discharging
RNV021	208	'1061400_/1061397_2'	3.47	6.67	6.67	0.26	1.9	6.67	1.9 Yes	0.26	Thermal Discharging
RNV021	209	'42947092_/1059771'	3.33	3.33	3.33	0.13	0.5	3.33	0.95 Yes	0.13	Thermal Discharging
RNV021	210	'1075305_/1075303_1'	4.5	10	10	0.39	3.3	10	2.84 Yes	0.39	Thermal Discharging
RNV021	211	'1063017_/1063014'	1.9	10	10	0.39	1.3	10	2.84 Yes	0.39	Thermal Discharging
RNV021	212	'42947952_/1065142'	1.1	3.33	3.33	0.13	0.2	3.33	0.95 Yes	0.13	Thermal Discharging
RNV021	213	'1067855_/658362239'	5.2	10	10	0.39	3.5	10	2.84 Yes	0.39	Thermal Discharging
RNV021	214	'8151022_/645149451'	3.33	3.33	3.33	0.13	0.2	3.33	0.95 Yes	0.13	Thermal Discharging
RNV021	215	'42948103_/1065986_2'	4	10	10	0.39	1.3	10	2.84 Yes	0.39	Thermal Discharging
RNV021	216	'1065807_/658362268'	5.2	10	10	0.39	3.5	10	2.84 Yes	0.39	Thermal Discharging
RNV021	217	'1060166_/1060163'	3.33	3.33	3.33	0.13	0.5	3.33	0.95 Yes	0.13	Thermal Discharging
RNV021	218	'1065750_/658362291'	5.2	10	10	0.39	3.5	10	2.84 Yes	0.39	Thermal Discharging
RNV021	219	'1061399_/1061397_1'	3.6	6.67	6.67	0.26	0.9	6.67	1.9 Yes	0.26	Thermal Discharging
RNV021	220	'42948042_/658362398'	5.2	10	10	0.39	3.5	10	2.84 Yes	0.39	Thermal Discharging
RNV021	221	'42947338_/1061795'	3.8	10	10	0.39	1.3	10	2.84 Yes	0.39	Thermal Discharging
RNV021	222	'1063492_/1063489'	0.83	3.33	3.33	0.13	0.43	3.33	0.95 Yes	0.13	Thermal Discharging
RNV021	223	'1065669_/1065666'	3.33	3.33	3.33	0.13	0.5	3.33	0.95 Yes	0.13	Thermal Discharging
RNV021	224	'1059825_/658362433'	5.2	10	10	0.39	3.5	10	2.84 Yes	0.39	Thermal Discharging
RNV021	225	'1062216_/1062230_1'	4.1	10	10	0.39	1.3	10	2.84 Yes	0.39	Thermal Discharging
RNV021	226	'42947423_/1075337'	4	10	10	0.39	3.3	10	2.84 Yes	0.39	Thermal Discharging
RNV021	227	'658362326_/658362323'	4.6	10	10	0.39	3.5	10	2.84 Yes	0.39	Thermal Discharging
RNV021	228	'1065145_/42947954'	1	3.33	3.33	0.13	0.2	3.33	0.95 Yes	0.13	Thermal Discharging
RNV021	229	'658362008_/7200412_2'	5	10	10	0.39	3.5	10	2.84 Yes	0.39	Thermal Discharging
RNV021	230	'1060179_/1060176'	3.33	3.33	3.33	0.13	0.5	3.33	0.95 Yes	0.13	Thermal Discharging
RNV021	231	'379481899_/379481945'	3.33	3.33	3.33	0.13	0.4	3.33	0.95 Yes	0.13	Thermal Discharging
RNV021	232	'658362467_/658362464'	5.2	10	10	0.39	3.5	10	2.84 Yes	0.39	Thermal Discharging
RNV021	233	'687203605_/389986689_2'	4.6	10	10	0.39	3.5	10	2.84 Yes	0.39	Thermal Discharging
RNV021	234	'1062079_/1062077_1'	3.9	10	10	0.39	1.4	10	2.84 Yes	0.39	Thermal Discharging
RNV021	235	'1060101_/1060116_1'	3.27	6.67	6.67	0.26	0.8	6.67	1.9 Yes	0.26	Thermal Discharging
RNV021	236	'1059843_/658362615'	5.2	10	10	0.39	3.5	10	2.84 Yes	0.39	Thermal Discharging
RNV021	237	'1061837_/42948105'	3.5	10	10	0.39	1.3	10	2.84 Yes	0.39	Thermal Discharging
RNV021	238	'1063505_/1063502'	0.83	3.33	3.33	0.13	0.43	3.33	0.95 Yes	0.13	Thermal Discharging
RNV021	239	'1059860_/658362673'	5.2	10	10	0.39	3.5	10	2.84 Yes	0.39	Thermal Discharging
RNV021	240	'1061430_/1061427'	6.67	6.67	6.67	0.26	0.9	6.67	1.9 Yes	0.26	Thermal Discharging
RNV021	241	'7519611_/7519609_1'	3.4	10	10	0.39	0.8	10	2.84 Yes	0.39	Thermal Discharging
RNV021	242	'1060230_/1060228'	1.67	3.33	3.33	0.13	0.43	3.33	0.95 Yes	0.13	Thermal Discharging
RNV021	243	'42950726_/1075320'	3.7	10	10	0.39	3.2	10	2.84 Yes	0.39	Thermal Discharging
RNV021	244	'1063034_/1063031'	1.7	10	10	0.39	1.3	10	2.84 Yes	0.39	Thermal Discharging
RNV021	245	'743989384_/658362715'	5.2	10	10	0.39	3.5	10	2.84 Yes	0.39	Thermal Discharging
RNV021	246	'1062830_/1062827'	0.93	3.33	3.33	0.13	0.2	3.33	0.95 Yes	0.13	Thermal Discharging
RNV021	247	'1059894_/743989388'	5.2	10	10	0.39	3.5	10	2.84 Yes	0.39	Thermal Discharging
RNV021	248	'405805844_/1063087_2'	0.57	3.33	3.33	0.13	0.43	3.33	0.95 Yes	0.13	Thermal Discharging
RNV021	249	'60442442_/60442412'	1.83	3.33	3.33	0.13	1.17	3.33	0.95 Yes	0.13	Thermal Discharging
RNV021	250	'1059786_/1065679'	3.33	3.33	3.33	0.13	0.5	3.33	0.95 Yes	0.13	Thermal Discharging
RNV021	251	'42947139_/658362753'	5.2	10	10	0.39	3.5	10	2.84 Yes	0.39	Thermal Discharging
RNV021	252	'405805820_/1064625_1'	0.57	3.33	3.33	0.13	0.2	3.33	0.95 Yes	0.13	Thermal Discharging
RNV021	253	'42950725_/1075269'	3.4	10	10	0.39	3.2	10	2.84 Yes	0.39	Thermal Discharging
RNV021	254	'1059928_/658362813'	5.2	10	10	0.39	3.5	10	2.84 Yes	0.39	Thermal Discharging
RNV021	255	'7519612_/7519609_2'	3.1	10	10	0.39	0.8	10	2.84 Yes	0.39	Thermal Discharging
RNV021	256	'687204295_/658362857_1'	5.2	10	10	0	3.5	10	2.85 Yes	0	Thermal Discharging
RNV021	257	'1060763_/1060777_1'	4.9	10	10	0.39	1.3	10	2.84 Yes	0.39	Thermal Discharging
RNV021	258	'743989311_/1060116_2'	2.8	6.67	6.67	0.26	0.8	6.67	1.9 Yes	0.26	Thermal Discharging
RNV021	259	'1059962_/658362857_2'	5.2	10	10	0	3.5	10	2.85 Yes	0	Thermal Discharging
RNV021	260	'1059979_/658362921'	5.2	10	10	0	3.5	10	2.85 Yes	0	Thermal Discharging
RNV021	261	'1062080_/1062077_2'	3.2	10	10	0.39	1.4	10	2.84 Yes	0.39	Thermal Discharging
RNV021	262	'1060192_/1060189'	3.33	3.33	3.33	0.13	0.5	3.33	0.95 Yes	0.13	Thermal Discharging
RNV021	263	'1061255_/1062213'	3.3	10	10	0.39	1.3	10	2.84 Yes	0.39	Thermal Discharging
RNV021	264	'1063077_/1063087_1'	0.53	3.33	3.33	0.13	0.2	3.33	0.95 Yes	0.13	Thermal Discharging
RNV021	265	'389986670_/389986689_1'	3.9	10	10	0.39	0.8	10	2.84 Yes	0.39	Thermal Discharging
RNV021	266	'1061777_/1061775'	2.9	10	10	0.39	1.3	10	2.84 Yes	0.39	Thermal Discharging
RNV021	267	'720524984_/1067886'	4.2	10	10	0.39	3.5	10	2.84 Yes	0.39	Thermal Discharging
RNV021	268	'720525026_/1067903'	4.2	10	10	0.39	3.5	10	2.84 Yes	0.39	Thermal Discharging
RNV021	269	'42947152_/658362972'	5.2	10	10	0	3.5	10	2.85 Yes	0	Thermal Discharging
RNV021	270	'720525045_/8150983_2'	4.2	10	10	0.39	3.5	10	2.84 Yes	0.39	Thermal Discharging
RNV021	271	'42947536_/1061445'	2.93	6.67	6.67	0.26	0.9	6.67	1.9 Yes	0.26	Thermal Discharging
RNV021	272	'1060013_/658363006'	5.2	10	10	0	3.5	10	2.85 Yes	0	Thermal Discharging
RNV021	273	'1060780_/1060777_2'	4.4	10	10	0.39	1.3	10	2.84 Yes	0.39	Thermal Discharging
RNV021	274	'720524990_/7200512_2'	1.4	3.33	3.33	0.13	1.17	3.33	0.95 Yes	0.13	Thermal Discharging
RNV021	275	'42947436_/1065570'	1	3.33	3.33	0.13	0.47	3.33	0.95 Yes	0.13	Thermal Discharging
RNV021	276	'1059787_/1059784'	3.33	3.33	3.33	0.13	0.5	3.33	0.95 Yes	0.13	Thermal Discharging
RNV021	277	'42947165_/658363055'	5.2	10	10	0	3.5	10	2.85 Yes	0	Thermal Discharging
RNV021	278	'1065573_/8151003_2'	1	3.33	3.33	0.13	0.47	3.33	0.95 Yes	0.13	Thermal Discharging
RNV021	279	'1060047_/658363076_1'	5.2	10	10	0	3.5	10	2.85 Yes	0	Thermal Discharging
RNV021	280	'658363079_/658363076_2'	5.2	10	10	0	3.5	10	2.85 Yes	0	Thermal Discharging
RNV021	281	'1060064_/658363123'	5.2	10	10	0	3.5	10	2.85 Yes	0	Thermal Discharging
RNV021	282	'1060081_/658363157'	5.2	10	10	0	3.5	10	2.85 Yes	0	Thermal Discharging
RNV021	283	'1061838_/1061835'	2.7	10	10	0.39	1.3	10	2.84 Yes	0.39	Thermal Discharging
RNV021	284	'42947178_/658363180'	5.2	10	10	0	3.5	10	2.85 Yes	0	Thermal Discharging
RNV021	285	'42947510_/42947512'	2.9	10	10	0.39	1.3	10	2.84 Yes	0.39	Thermal Discharging
RNV021	286	'7200415_/7200412_1'	3.5	10	10	0.39	1.3	10	2.84 Yes	0.39	Thermal Discharging
RNV021	287	'1060205_/1060202'	3.33	3.33	3.33	0.13	0.5	3.33	0.95 Yes	0.13	Thermal Discharging
RNV021	288	'1061153_/702209418'	5.2	10	10	0	3.5	10	2.85 Yes	0	Thermal Discharging
RNV021	289	'7519770_/7830430_2'	1.43	3.33	3.33	0.13	1.17	3.33	0.95 Yes	0.13	Thermal Discharging
RNV021	290	'1061818_/1061815'	2.6	10	10	0.39	1.3	10	2.84 Yes	0.39	Thermal Discharging
RNV021	291	'8151005_/8151003_1'	0.93	3.33	3.33	0.13	0.2	3.33	0.95 Yes	0.13	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RNV021	292	'7200435_/_7200432_2'	1.73	3.33	3.33	0	1.17	3.33	0.95	Yes	0 Thermal Discharging
RNV021	293	'8150985_/_8150983_1'	3.6	10	10	0.39	1.3	10	2.84	Yes	0.39 Thermal Discharging
RNV021	294	'1063064_/_1063074'	0.5	3.33	3.33	0.13	0.2	3.33	0.95	Yes	0.13 Thermal Discharging
RNV021	295	'42948055_/_1065536'	2.7	10	10	0.39	1.4	10	2.84	Yes	0.39 Thermal Discharging
RNV021	296	'685461285_/_8460684_2'	1.53	3.33	3.33	0	1.17	3.33	0.95	Yes	0 Thermal Discharging
RNV021	297	'1061093_/_658363220'	5.3	10	10	0	3.5	10	2.85	Yes	0 Thermal Discharging
RNV021	298	'392699880_/_1061272'	2.8	10	10	0.39	1.3	10	2.84	Yes	0.39 Thermal Discharging
RNV021	299	'1061170_/_702209462'	5.2	10	10	0	3.5	10	2.85	Yes	0 Thermal Discharging
RNV021	300	'42947523_/_42948057'	2.7	10	10	0.39	1.4	10	2.84	Yes	0.39 Thermal Discharging
RNV021	301	'1061463_/_42947538'	2.27	6.67	6.67	0.26	0.9	6.67	1.9	Yes	0.26 Thermal Discharging
RNV021	302	'1061110_/_658363258'	5.3	10	10	0	3.5	10	2.85	Yes	0 Thermal Discharging
RNV021	303	'1059800_/_1059797'	3.33	3.33	3.33	0.13	0.5	3.33	0.95	Yes	0.13 Thermal Discharging
RNV021	304	'42947696_/_1064625_2'	0.57	3.33	3.33	0.13	0.2	3.33	0.95	Yes	0.13 Thermal Discharging
RNV021	305	'702209494_/_702209491'	5.2	10	10	0	3.5	10	2.85	Yes	0 Thermal Discharging
RNV021	306	'1061204_/_702209518'	5.2	10	10	0	3.5	10	2.85	Yes	0 Thermal Discharging
RNV021	307	'1061221_/_702209549'	5.2	10	10	0	3.5	10	2.85	Yes	0 Thermal Discharging
RNV021	308	'1062843_/_1062840'	0.77	3.33	3.33	0.13	0.2	3.33	0.95	Yes	0.13 Thermal Discharging
RNV021	309	'498348622_/_658363278'	5.3	10	10	0	3.5	10	2.85	Yes	0 Thermal Discharging
RNV021	310	'7830432_/_7830430_1'	1.43	3.33	3.33	0.13	0.4	3.33	0.95	Yes	0.13 Thermal Discharging
RNV021	311	'702210140_/_702209606'	5.2	10	10	0	3.5	10	2.85	Yes	0 Thermal Discharging
RNV021	312	'702209657_/_702209654'	5.2	10	10	0	3.5	10	2.85	Yes	0 Thermal Discharging
RNV021	313	'658361720_/_658363294'	5.3	10	10	0	3.5	10	2.85	Yes	0 Thermal Discharging
RNV021	314	'658361847_/_658361781_3'	5.3	10	10	0	3.5	10	2.85	Yes	0 Thermal Discharging
RNV021	315	'42947351_/_1061852'	2.4	10	10	0.39	1.3	10	2.84	Yes	0.39 Thermal Discharging
RNV021	316	'702210401_/_1065087_2'	5.2	10	10	0	3.5	10	2.85	Yes	0 Thermal Discharging
RNV021	317	'1061254_/_1061252'	2.6	10	10	0.39	1.3	10	2.84	Yes	0.39 Thermal Discharging
RNV021	318	'687203745_/_658361781_2'	5.3	10	10	0	1	10	2.85	Yes	0 Thermal Discharging
RNV021	319	'658361784_/_658361781_1'	5.3	10	10	0	1	10	2.85	Yes	0 Thermal Discharging
RNV021	320	'1053671_/_702209674'	5.3	10	10	0	3.5	10	2.85	Yes	0 Thermal Discharging
RNV021	321	'498348643_/_658363318'	5.3	10	10	0	3.5	10	2.85	Yes	0 Thermal Discharging
RNV021	322	'743989529_/_658361799_1'	5.3	10	10	0	1	10	2.85	Yes	0 Thermal Discharging
RNV021	323	'743989518_/_658361799_2'	5.3	10	10	0	1	10	2.85	Yes	0 Thermal Discharging
RNV021	324	'379481858_/_379481906'	0.9	3.33	3.33	0.13	0.4	3.33	0.95	Yes	0.13 Thermal Discharging
RNV021	325	'658361802_/_658361799_3'	5.3	10	10	0	1	10	2.85	Yes	0 Thermal Discharging
RNV021	326	'702209336_/_702209701'	5.3	10	10	0	3.5	10	2.85	Yes	0 Thermal Discharging
RNV021	327	'687203770_/_658361817_1'	5.3	10	10	0	1	10	2.85	Yes	0 Thermal Discharging
RNV021	328	'702210246_/_702209747_1'	5.3	10	10	0	3.5	10	2.85	Yes	0 Thermal Discharging
RNV021	329	'702209750_/_702209747_2'	5.3	10	10	0	3.5	10	2.85	Yes	0 Thermal Discharging
RNV021	330	'658361820_/_658361817_2'	5.3	10	10	0	1	10	2.85	Yes	0 Thermal Discharging
RNV021	331	'42947228_/_42947230'	2.6	10	10	0.39	1.3	10	2.84	Yes	0.39 Thermal Discharging
RNV021	332	'702209768_/_702209765'	5.3	10	10	0	1	10	2.85	Yes	0 Thermal Discharging
RNV021	333	'1061308_/_7200392_2'	2.6	10	10	0.39	1.3	10	2.84	Yes	0.39 Thermal Discharging
RNV021	334	'498348664_/_658363374'	5.3	10	10	0	3.5	10	2.85	Yes	0 Thermal Discharging
RNV021	335	'1060800_/_1060797'	3.2	10	10	0.39	1.3	10	2.84	Yes	0.39 Thermal Discharging
RNV021	336	'42947561_/_1063061'	0.47	3.33	3.33	0.13	0.2	3.33	0.95	Yes	0.13 Thermal Discharging
RNV021	337	'42947103_/_1059810'	3.33	3.33	3.33	0.13	0.5	3.33	0.95	Yes	0.13 Thermal Discharging
RNV021	338	'498348685_/_658363362'	5.4	10	10	0	3.5	10	2.85	Yes	0 Thermal Discharging
RNV021	339	'42947410_/_1062296'	2.3	10	10	0.39	1.3	10	2.84	Yes	0.39 Thermal Discharging
RNV021	340	'1062096_/_42947525'	2.4	10	10	0.39	1.4	10	2.84	Yes	0.39 Thermal Discharging
RNV021	341	'1061478_/_1061475'	2	6.67	6.67	0.26	0.9	6.67	1.9	Yes	0.26 Thermal Discharging
RNV021	342	'42947914_/_702209340'	4.4	10	10	0	3	10	2.85	Yes	0 Thermal Discharging
RNV021	343	'1060218_/_8780104_2'	3.33	3.33	3.33	0.13	0.5	3.33	0.95	Yes	0.13 Thermal Discharging
RNV021	344	'498348706_/_658363400'	10	10	10	0	3.5	10	2.85	Yes	0 Thermal Discharging
RNV021	345	'504128568_/_504128395_3'	10	10	10	0	3.5	10	2.85	Yes	0 Thermal Discharging
RNV021	346	'504128659_/_504128395_2'	10	10	10	0	1	10	2.85	Yes	0 Thermal Discharging
RNV021	347	'504128560_/_504128395_1'	10	10	10	0	1	10	2.85	Yes	0 Thermal Discharging
RNV021	348	'7200394_/_7200392_1'	2.5	10	10	0.39	0.8	10	2.84	Yes	0.39 Thermal Discharging
RNV021	349	'8460686_/_8460684_1'	1.2	3.33	3.33	0	0.2	3.33	0.95	Yes	0 Thermal Discharging
RNV021	350	'702209808_/_702209824'	4.4	10	10	0	1	10	2.85	Yes	0 Thermal Discharging
RNV021	351	'1065425_/_1065422'	2.9	10	10	0.39	1.3	10	2.84	Yes	0.39 Thermal Discharging
RNV021	352	'42947364_/_42947353'	2.2	10	10	0.39	1.3	10	2.84	Yes	0.39 Thermal Discharging
RNV021	353	'1065441_/_1065473'	2.8	10	10	0.39	1.3	10	2.84	Yes	0.39 Thermal Discharging
RNV021	354	'1061493_/_1061490'	1.8	6.67	6.67	0.26	0.9	6.67	1.9	Yes	0.26 Thermal Discharging
RNV021	355	'7519668_/_8460764_2'	0.93	3.33	3.33	0.13	0.43	3.33	0.95	Yes	0.13 Thermal Discharging
RNV021	356	'7200434_/_7200432_1'	3.33	3.33	3.33	0	0.2	3.33	0.95	Yes	0 Thermal Discharging
RNV021	357	'8780107_/_8780104_1'	3.33	3.33	3.33	0.13	0.1	3.33	0.95	Yes	0.1 Element Fault
RNV021	358	'1053653_/_1053668'	6.67	6.67	6.67	0	1.9	6.67	1.9	Yes	0 Thermal Discharging
RNV021	359	'7200515_/_7200512_1'	0.97	3.33	3.33	0.13	0.4	3.33	0.95	Yes	0.13 Thermal Discharging
RNV021	360	'1063050_/_1063048'	0.43	3.33	3.33	0.13	0.2	3.33	0.95	Yes	0.13 Thermal Discharging
RNV021	361	'1062097_/_1062094'	2.2	10	10	0.39	1.4	10	2.84	Yes	0.39 Thermal Discharging
RNV021	362	'1062856_/_1062853'	0.7	3.33	3.33	0.13	0.2	3.33	0.95	Yes	0.13 Thermal Discharging
RNV021	363	'498348727_/_498348731'	4	10	10	0	3.5	10	2.85	Yes	0 Thermal Discharging
RNV021	364	'1064591_/_42947698'	0.57	3.33	3.33	0.13	0.2	3.33	0.95	Yes	0.13 Thermal Discharging
RNV021	365	'1065442_/_1065439'	2.5	10	10	0.39	1.3	10	2.84	Yes	0.39 Thermal Discharging
RNV021	366	'42947928_/_42947916'	3.1	10	10	0	3	10	2.85	Yes	0 Thermal Discharging
RNV021	367	'1061892_/_42947366'	0.73	3.33	3.33	0.13	0.43	3.33	0.95	Yes	0.13 Thermal Discharging
RNV021	368	'42947485_/_1061505'	1.67	6.67	6.67	0.26	0.9	6.67	1.9	Yes	0.26 Thermal Discharging
RNV021	369	'1062299_/_42947412'	2	10	10	0.39	1.3	10	2.84	Yes	0.39 Thermal Discharging
RNV021	370	'1062067_/_1065031'	0.43	3.33	3.33	0.13	0.2	3.33	0.95	Yes	0.13 Thermal Discharging
RNV021	371	'42947013_/_42947015'	0.9	3.33	3.33	0	0.9	3.33	0.95	Yes	0 Thermal Discharging
RNV021	372	'379482123_/_379481865'	0.7	3.33	3.33	0.13	0.4	3.33	0.95	Yes	0.13 Thermal Discharging
RNV021	373	'1053726_/_42947930'	2.8	10	10	0	3	10	2.85	Yes	0 Thermal Discharging
RNV021	374	'498348748_/_498348752'	3	10	10	0	3.5	10	2.85	Yes	0 Thermal Discharging
RNV021	375	'42947447_/_1062111'	2	10	10	0.39	1.4	10	2.84	Yes	0.39 Thermal Discharging
RNV021	376	'1060816_/_1065456'	2.3	10	10	0.39	1.3	10	2.84	Yes	0.39 Thermal Discharging
RNV021	377	'1061905_/_1061902'	0.7	3.33	3.33	0.13	0.43	3.33	0.95	Yes	0.13 Thermal Discharging
RNV021	378	'1061523_/_1061520'	1.53	6.67	6.67	0.26	0.9	6.67	1.9	Yes	0.26 Thermal Discharging
RNV021	379	'42947774_/_42947776'	2.07	6.67	6.67	0	1.9	6.67	1.9	Yes	0 Thermal Discharging
RNV021	380	'1062869_/_1062866'	0.6	3.33	3.33	0.13	0.2	3.33	0.95	Yes	0.13 Thermal Discharging
RNV021	381	'42947386_/_1062064'	0.4	3.33	3.33	0.13	0.2	3.33	0.95	Yes	0.13 Thermal Discharging
RNV021	382	'1060817_/_1060814'	2.1	10	10	0.39	1.3	10	2.84	Yes	0.39 Thermal Discharging
RNV021	383	'498348769_/_498348773'	2.6	10	10	0	3.5	10	2.85	Yes	0 Thermal Discharging
RNV021	384	'1061918_/_1061915'	0.67	3.33	3.33	0.13	0.43	3.33	0.95	Yes	0.13 Thermal Discharging
RNV021	385	'7200450_/_8460764_1'	0.77	3.33	3.33	0.13	0.2	3.33	0.95	Yes	0.13 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Over- Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RNV021	386	'1062131_/_1062128'		1.8	10	10	0.39	1.4	10	2.84 Yes	0.39 Thermal Discharging
RNV021	387	'1061538_/_1061535'		1.4	6.67	6.67	0.26	0.9	6.67	1.9 Yes	0.26 Thermal Discharging
RNV021	388	'1063102_/_1064589'		0.53	3.33	3.33	0.13	0.2	3.33	0.95 Yes	0.13 Thermal Discharging
RNV021	389	'1062041_/_1062051'		0.37	3.33	3.33	0.13	0.2	3.33	0.95 Yes	0.13 Thermal Discharging
RNV021	390	'1060837_/_1060834'		1.9	10	10	0.39	1.3	10	2.84 Yes	0.39 Thermal Discharging
RNV021	391	'1061931_/_1061928'		0.6	3.33	3.33	0.13	0.43	3.33	0.95 Yes	0.13 Thermal Discharging
RNV021	392	'42947473_/_1061550'		1.33	6.67	6.67	0.26	0.9	6.67	1.9 Yes	0.26 Thermal Discharging
RNV021	393	'379482213_/_379482125'		0.6	3.33	3.33	0.13	0.4	3.33	0.95 Yes	0.13 Thermal Discharging
RNV021	394	'492148944_/_1060888'		1.9	10	10	0.39	1.3	10	2.84 Yes	0.39 Thermal Discharging
RNV021	395	'1062882_/_1062879'		0.57	3.33	3.33	0.13	0.2	3.33	0.95 Yes	0.13 Thermal Discharging
RNV021	396	'492149036_/_492148996_1'		1.8	10	10	0.39	0.8	10	2.84 Yes	0.39 Thermal Discharging
RNV021	397	'1063103_/_1063100'		0.53	3.33	3.33	0.13	0.2	3.33	0.95 Yes	0.13 Thermal Discharging
RNV021	398	'42947191_/_1060851'		1.8	10	10	0.39	1.3	10	2.84 Yes	0.39 Thermal Discharging
RNV021	399	'1062028_/_1062038'		0.37	3.33	3.33	0.13	0.2	3.33	0.95 Yes	0.13 Thermal Discharging
RNV021	400	'1062148_/_1062145'		1.6	10	10	0.39	1.4	10	2.84 Yes	0.39 Thermal Discharging
RNV021	401	'1061568_/_42947475'		1.27	6.67	6.67	0.26	0.9	6.67	1.9 Yes	0.26 Thermal Discharging
RNV021	402	'492148980_/_492148996_2'		1.8	10	10	0.39	0.8	10	2.84 Yes	0.39 Thermal Discharging
RNV021	403	'42947659_/_1063113'		0.5	3.33	3.33	0.13	0.2	3.33	0.95 Yes	0.13 Thermal Discharging
RNV021	404	'42947375_/_1061941'		0.57	3.33	3.33	0.13	0.43	3.33	0.95 Yes	0.13 Thermal Discharging
RNV021	405	'1065017_/_1065015'		0.67	3.33	3.33	0	0.9	3.33	0.95 Yes	0 Thermal Discharging
RNV021	406	'1060891_/_492148948'		1.7	10	10	0.39	1.3	10	2.84 Yes	0.39 Thermal Discharging
RNV021	407	'1061615_/_1061613'		0.63	3.33	3.33	0.13	0.45	3.33	0.95 Yes	0.13 Thermal Discharging
RNV021	408	'1063810_/_1063807'		0.47	3.33	3.33	0.13	0.2	3.33	0.95 Yes	0.13 Thermal Discharging
RNV021	409	'1060874_/_42947193'		1.7	10	10	0.39	1.3	10	2.84 Yes	0.39 Thermal Discharging
RNV021	410	'7200451_/_7200448'		0.63	3.33	3.33	0.13	0.2	3.33	0.95 Yes	0.13 Thermal Discharging
RNV021	411	'1061583_/_1061580'		1.2	6.67	6.67	0.26	0.9	6.67	1.9 Yes	0.26 Thermal Discharging
RNV021	412	'1062027_/_1062025'		0.33	3.33	3.33	0.13	0.2	3.33	0.95 Yes	0.13 Thermal Discharging
RNV021	413	'1062165_/_1062162'		1.5	10	10	0.39	1.4	10	2.84 Yes	0.39 Thermal Discharging
RNV021	414	'1063129_/_42947661'		0.47	3.33	3.33	0.13	0.2	3.33	0.95 Yes	0.13 Thermal Discharging
RNV021	415	'493907049_/_493907046'		0.57	3.33	3.33	0.13	0.43	3.33	0.95 Yes	0.13 Thermal Discharging
RNV021	416	'1061944_/_42947377'		0.53	3.33	3.33	0.13	0.43	3.33	0.95 Yes	0.13 Thermal Discharging
RNV021	417	'1061598_/_1061595'		1.13	6.67	6.67	0.26	0.9	6.67	1.9 Yes	0.26 Thermal Discharging
RNV021	418	'42947204_/_1061014'		1.6	10	10	0.39	1.3	10	2.84 Yes	0.39 Thermal Discharging
RNV021	419	'1063145_/_1063142'		0.47	3.33	3.33	0.13	0.2	3.33	0.95 Yes	0.13 Thermal Discharging
RNV021	420	'1063213_/_1063223'		0.47	3.33	3.33	0.13	0.2	3.33	0.95 Yes	0.13 Thermal Discharging
RNV021	421	'379481683_/_379482215'		0.53	3.33	3.33	0.13	0.4	3.33	0.95 Yes	0.13 Thermal Discharging
RNV021	422	'379482064_/_42948033'		0.53	3.33	3.33	0.13	0.4	3.33	0.95 Yes	0.13 Thermal Discharging
RNV021	423	'379481697_/_379482071'		0.53	3.33	3.33	0.13	0.4	3.33	0.95 Yes	0.13 Thermal Discharging
RNV021	424	'1060914_/_1060911'		1.6	10	10	0.39	1.3	10	2.84 Yes	0.39 Thermal Discharging
RNV021	425	'1063823_/_1063820'		0.43	3.33	3.33	0.13	0.2	3.33	0.95 Yes	0.13 Thermal Discharging
RNV021	426	'42948079_/_1065692'		0.63	3.33	3.33	0.13	0.45	3.33	0.95 Yes	0.13 Thermal Discharging
RNV021	427	'1065721_/_1065718'		0.5	3.33	3.33	0.13	0.2	3.33	0.95 Yes	0.13 Thermal Discharging
RNV021	428	'1061017_/_42947206'		1.6	10	10	0.39	0.8	10	2.84 Yes	0.39 Thermal Discharging
RNV021	429	'1063861_/_1065127'		1.13	6.67	6.67	0.26	0.9	6.67	1.9 Yes	0.26 Thermal Discharging
RNV021	430	'1063197_/_1063210'		0.47	3.33	3.33	0.13	0.2	3.33	0.95 Yes	0.13 Thermal Discharging
RNV021	431	'42947460_/_1062179'		1.4	10	10	0.39	1.4	10	2.84 Yes	0.39 Thermal Discharging
RNV021	432	'1063158_/_1063155'		0.47	3.33	3.33	0.13	0.2	3.33	0.95 Yes	0.13 Thermal Discharging
RNV021	433	'1060931_/_1060928'		1.5	10	10	0.39	1.3	10	2.84 Yes	0.39 Thermal Discharging
RNV021	434	'1063184_/_1063194'		0.43	3.33	3.33	0.13	0.2	3.33	0.95 Yes	0.13 Thermal Discharging
RNV021	435	'1061036_/_1065705'		0.63	3.33	3.33	0.13	0.45	3.33	0.95 Yes	0.13 Thermal Discharging
RNV021	436	'1063171_/_1063168'		0.43	3.33	3.33	0.13	0.2	3.33	0.95 Yes	0.13 Thermal Discharging
RNV021	437	'102975895_/_9089937_1'		0.43	3.33	3.33	0.13	0.2	3.33	0.95 Yes	0.13 Thermal Discharging
RNV021	438	'488925998_/_488926020'		1.5	10	10	0.39	0.8	10	2.84 Yes	0.39 Thermal Discharging
RNV021	439	'1062199_/_42947462'		1.3	10	10	0.39	1.4	10	2.84 Yes	0.39 Thermal Discharging
RNV021	440	'7519647_/_7519645'		1.5	10	10	0.39	0.8	10	2.84 Yes	0.39 Thermal Discharging
RNV021	441	'1063862_/_1063859'		0.5	3.33	3.33	0.13	0.45	3.33	0.95 Yes	0.13 Thermal Discharging
RNV021	442	'1061037_/_1061034'		0.63	3.33	3.33	0.13	0.45	3.33	0.95 Yes	0.13 Thermal Discharging
RNV021	443	'7200466_/_9090025'		0.53	3.33	3.33	0.13	0.2	3.33	0.95 Yes	0.13 Thermal Discharging
RNV021	444	'1063797_/_1063833'		0.4	3.33	3.33	0.13	0.2	3.33	0.95 Yes	0.13 Thermal Discharging
RNV021	445	'1063238_/_1065047'		1.3	10	10	0.39	1.4	10	2.84 Yes	0.39 Thermal Discharging
RNV021	446	'1060948_/_1060945'		1.4	10	10	0.39	1.3	10	2.84 Yes	0.39 Thermal Discharging
RNV021	447	'551409322_/_1063236'		1.3	10	10	0.39	1.4	10	2.84 Yes	0.39 Thermal Discharging
RNV021	448	'551409423_/_551409385_1'		1.3	10	10	0.39	0.8	10	2.84 Yes	0.39 Thermal Discharging
RNV021	449	'379481744_/_1064912'		0.47	3.33	3.33	0.13	0.4	3.33	0.95 Yes	0.13 Thermal Discharging
RNV021	450	'42947217_/_1061047'		0.6	3.33	3.33	0.13	0.45	3.33	0.95 Yes	0.13 Thermal Discharging
RNV021	451	'1063183_/_1063181'		0.4	3.33	3.33	0.13	0.2	3.33	0.95 Yes	0.13 Thermal Discharging
RNV021	452	'42947730_/_1063901'		0.5	3.33	3.33	0.13	0.45	3.33	0.95 Yes	0.13 Thermal Discharging
RNV021	453	'229137748_/_42947219'		0.57	3.33	3.33	0.13	0.45	3.33	0.95 Yes	0.13 Thermal Discharging
RNV021	454	'9089940_/_9089937_2'		0.4	3.33	3.33	0.13	0.2	3.33	0.95 Yes	0.13 Thermal Discharging
RNV021	455	'42947598_/_551409326'		1.2	10	10	0.39	1.4	10	2.84 Yes	0.39 Thermal Discharging
RNV021	456	'1065825_/_1065822'		1.3	10	10	0.39	1.3	10	2.84 Yes	0.39 Thermal Discharging
RNV021	457	'450808217_/_448210455_1'		1.3	10	10	0.39	0.8	10	2.84 Yes	0.39 Thermal Discharging
RNV021	458	'1063638_/_1063794'		0.37	3.33	3.33	0.13	0.2	3.33	0.95 Yes	0.13 Thermal Discharging
RNV021	459	'1063917_/_42947732'		0.47	3.33	3.33	0.13	0.45	3.33	0.95 Yes	0.13 Thermal Discharging
RNV021	460	'1063651_/_1063648'		0.37	3.33	3.33	0.13	0.2	3.33	0.95 Yes	0.13 Thermal Discharging
RNV021	461	'1063256_/_1063253'		1.1	10	10	0.39	1.4	10	2.84 Yes	0.39 Thermal Discharging
RNV021	462	'448210436_/_448210455_2'		1.2	10	10	0.39	0.8	10	2.84 Yes	0.39 Thermal Discharging
RNV021	463	'42947708_/_42947710'		0.33	3.33	3.33	0.13	0.2	3.33	0.95 Yes	0.13 Thermal Discharging
RNV021	464	'1063664_/_1063661'		0.33	3.33	3.33	0.13	0.2	3.33	0.95 Yes	0.13 Thermal Discharging
RNV021	465	'1063677_/_1063674'		0.33	3.33	3.33	0.13	0.2	3.33	0.95 Yes	0.13 Thermal Discharging
RNV021	466	'1063273_/_1063270'		1.1	10	10	0.39	1.4	10	2.84 Yes	0.39 Thermal Discharging
RNV021	467	'1064776_/_1065087_1'		1.2	10	10	0	1.3	9.96	2.85 Yes	0 Thermal Discharging
RNV021	468	'1063690_/_1063687'		0.33	3.33	3.33	0.13	0.2	3.33	0.95 Yes	0.13 Thermal Discharging
RNV021	469	'1063637_/_1063635'		0.33	3.33	3.33	0.13	0.2	3.33	0.95 Yes	0.13 Thermal Discharging
RNV021	470	'42947719_/_1063700'		0.33	3.33	3.33	0.13	0.2	3.31	0.95 Yes	0.13 Thermal Discharging
RNV021	471	'42947611_/_1063287'		1	10	10	0.39	1.4	9.94	2.84 Yes	0.39 Thermal Discharging
RNV021	472	'1063716_/_42947721'		0.33	3.33	3.33	0.13	0.2	3.26	0.95 Yes	0.13 Thermal Discharging
RNV021	473	'551409369_/_551409385_2'		1	10	10	0.39	0.8	9.76	2.84 Yes	0.39 Thermal Discharging
RNV021	474	'1063729_/_1063726'		0.3	3.33	3.33	0.13	0.2	3.21	0.95 Yes	0.13 Thermal Discharging
RNV021	475	'1063757_/_1063846'		0.3	3.33	3.33	0.13	0.2	3.2	0.95 Yes	0.13 Thermal Discharging
RNV021	476	'1064777_/_42947965'		0.4	3.33	3.33	0	0.43	3.16	0.95 Yes	0 Thermal Discharging
RNV021	477	'1064792_/_1064806'		1.1	10	10	0	1.3	9.47	2.85 Yes	0 Thermal Discharging
RNV021	478	'1061126_/_1061124'		1.1	10	10	0	3.5	9.41	2.85 Yes	0 Thermal Discharging
RNV021	479	'1063307_/_42947613'		1	10	10	0.39	1.4	9.64	2.84 Yes	0.39 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RNV021	480	'361950055___/368218972_2'	1.1	10	10	0	3.5	9.39	2.85 Yes	0	Thermal Discharging
RNV021	481	'1063742___/1063739'	0.3	3.33	3.33	0.13	0.2	3.15	0.95 Yes	0.13	Thermal Discharging
RNV021	482	'1063758___/1063755'	0.3	3.33	3.33	0.13	0.2	3.14	0.95 Yes	0.13	Thermal Discharging
RNV021	483	'368218974___/368218972_1'	1.1	10	10	0	1.3	9.21	2.85 Yes	0	Thermal Discharging
RNV021	484	'1063324___/1063321'	0.9	9.9	10	0.39	1.4	9.42	2.84 Yes	0.39	Thermal Discharging
RNV021	485	'1063771___/1063768'	0.3	3.33	3.33	0.13	0.2	3.09	0.95 Yes	0.13	Thermal Discharging
RNV021	486	'42947974___/1064790'	0.37	3.33	3.33	0	0.43	3.03	0.95 Yes	0	Thermal Discharging
RNV021	487	'1053771___/1063781'	0.3	3.33	3.33	0.13	0.2	3.03	0.95 Yes	0.13	Thermal Discharging
RNV021	488	'1063341___/1063338'	0.9	9.3	10	0.39	1.4	9.2	2.84 Yes	0.39	Thermal Discharging
RNV021	489	'1064793___/42947976'	0.37	3.33	3.33	0	0.43	2.96	0.95 Yes	0	Thermal Discharging
RNV021	490	'42947941___/1053769'	0.27	3.33	3.33	0.13	0.2	2.97	0.95 Yes	0.13	Thermal Discharging
RNV021	491	'1063358___/1063355'	0.9	8.9	10	0.39	1.4	9	2.84 Yes	0.39	Thermal Discharging
RNV021	492	'1064826___/1064823'	0.9	10	10	0	1.3	8.78	2.85 Yes	0	Thermal Discharging
RNV021	493	'7830329___/9090005_1'	0.9	10	10	0	0.8	8.77	2.85 Yes	0	Thermal Discharging
RNV021	494	'1053785___/42947943'	0.27	3.33	3.33	0.13	0.2	2.91	0.95 Yes	0.13	Thermal Discharging
RNV021	495	'1063378___/1063375'	0.8	8.4	10	0.39	1.4	8.78	2.84 Yes	0.39	Thermal Discharging
RNV021	496	'42947985___/1064843'	0.9	10	10	0	1.3	8.56	2.85 Yes	0	Thermal Discharging
RNV021	497	'9090008___/9090005_2'	0.9	10	10	0	0.8	8.53	2.85 Yes	0	Thermal Discharging
RNV021	498	'42947646___/1063392'	0.8	8.2	10	0.39	1.4	8.69	2.84 Yes	0.39	Thermal Discharging
RNV021	499	'1053798___/1053795'	0.27	3.33	3.33	0.13	0.2	2.84	0.95 Yes	0.13	Thermal Discharging
RNV021	500	'42947624___/1064643'	0.8	8.1	10	0.39	1.4	8.63	2.84 Yes	0.39	Thermal Discharging
RNV021	501	'1063412___/1063409'	0.8	8.1	10	0.39	1.4	8.61	2.84 Yes	0.39	Thermal Discharging
RNV021	502	'1053742___/1064576'	0.27	3.33	3.33	0.13	0.2	2.78	0.95 Yes	0.13	Thermal Discharging
RNV021	503	'1064846___/42947987'	0.8	10	10	0	1.3	8.32	2.85 Yes	0	Thermal Discharging
RNV021	504	'1063429___/1063426'	0.8	7.8	10	0.39	1.4	8.46	2.84 Yes	0.39	Thermal Discharging
RNV021	505	'1053743___/1053740'	0.27	3.33	3.33	0.13	0.2	2.77	0.95 Yes	0.13	Thermal Discharging
RNV021	506	'1064659___/1064656'	0.8	7.7	10	0.39	1.4	8.44	2.84 Yes	0.39	Thermal Discharging
RNV021	507	'1064537___/1064534'	0.27	3.33	3.33	0.13	0.2	2.76	0.95 Yes	0.13	Thermal Discharging
RNV021	508	'1063446___/1063443'	0.8	7.6	10	0.39	1.4	8.34	2.84 Yes	0.39	Thermal Discharging
RNV021	509	'1064675___/1064672'	0.7	7.5	10	0.39	1.4	8.32	2.84 Yes	0.39	Thermal Discharging
RNV021	510	'1064550___/1064547'	0.23	3.33	3.33	0.13	0.2	2.71	0.95 Yes	0.13	Thermal Discharging
RNV021	511	'1063972___/1063969'	0.7	7.5	10	0.39	1.4	8.24	2.84 Yes	0.39	Thermal Discharging
RNV021	512	'1053756___/1053753'	0.23	3.33	3.33	0.13	0.2	2.69	0.95 Yes	0.13	Thermal Discharging
RNV021	513	'1064688___/1064685'	0.7	7.3	10	0.39	1.4	8.18	2.84 Yes	0.39	Thermal Discharging
RNV021	514	'1064566___/1064563'	0.23	3.33	3.33	0.13	0.2	2.67	0.95 Yes	0.13	Thermal Discharging
RNV021	515	'42947842___/1063989'	0.7	7.3	10	0.39	1.4	8.1	2.84 Yes	0.39	Thermal Discharging
RNV021	516	'42947635___/1064698'	0.7	7.1	10	0.39	1.4	8.06	2.84 Yes	0.39	Thermal Discharging
RNV021	517	'1064217___/1064214'	0.47	4.8	6.67	0.26	0.93	5.36	1.9 Yes	0.26	Thermal Discharging
RNV021	518	'1065493___/1065490'	0.23	3.2	3.33	0.13	0.2	2.63	0.95 Yes	0.13	Thermal Discharging
RNV021	519	'42947752___/42947754'	0.27	2.37	3.33	0.13	0.47	2.66	0.95 Yes	0.13	Thermal Discharging
RNV021	520	'1064012___/1064009'	0.7	7.1	10	0.39	1.4	7.96	2.84 Yes	0.39	Thermal Discharging
RNV021	521	'1065506___/1065503'	0.23	3.13	3.33	0.13	0.2	2.6	0.95 Yes	0.13	Thermal Discharging
RNV021	522	'1064714___/42947637'	0.7	6.8	10	0.39	1.4	7.91	2.84 Yes	0.39	Thermal Discharging
RNV021	523	'1064029___/1064026'	0.7	6.9	10	0.39	1.4	7.87	2.84 Yes	0.39	Thermal Discharging
RNV021	524	'1064238___/1064235'	0.47	4.6	6.67	0.26	0.93	5.22	1.9 Yes	0.26	Thermal Discharging
RNV021	525	'1063930___/1063940'	0.27	2.27	3.33	0.13	0.47	2.6	0.95 Yes	0.13	Thermal Discharging
RNV021	526	'1064730___/1064727'	0.7	6.7	10	0.39	1.4	7.8	2.84 Yes	0.39	Thermal Discharging
RNV021	527	'42947855___/1064043'	0.7	6.8	10	0.39	1.4	7.77	2.84 Yes	0.39	Thermal Discharging
RNV021	528	'106798968___/106798947_1'	0.7	6.7	10	0.39	1.3	7.79	2.84 Yes	0.39	Thermal Discharging
RNV021	529	'1063874___/1064250'	0.47	4.47	6.67	0.26	0.93	5.13	1.9 Yes	0.26	Thermal Discharging
RNV021	530	'106798936___/106798947_2'	0.7	6.6	10	0.39	1.3	7.71	2.84 Yes	0.39	Thermal Discharging
RNV021	531	'1064432___/1064430'	0.27	2.23	3.33	0.13	0.47	2.56	0.95 Yes	0.13	Thermal Discharging
RNV021	532	'1053688___/42947857'	0.7	6.7	10	0.39	1.4	7.66	2.84 Yes	0.39	Thermal Discharging
RNV021	533	'344275075___/1064446'	0.7	6.6	10	0.39	1.4	7.58	2.84 Yes	0.39	Thermal Discharging
RNV021	534	'42947831___/1063872'	0.23	2.2	3.33	0.13	0.47	2.52	0.95 Yes	0.13	Thermal Discharging
RNV021	535	'42947741___/42947743'	0.27	2.13	3.33	0.13	0.47	2.51	0.95 Yes	0.13	Thermal Discharging
RNV021	536	'42947901___/1053686'	0.6	6.4	10	0.39	1.4	7.49	2.84 Yes	0.39	Thermal Discharging
RNV021	537	'1053689___/9089985_2'	0.6	6.4	10	0.39	1.4	7.49	2.84 Yes	0.39	Thermal Discharging
RNV021	538	'9089987___/9089985_1'	0.6	6.4	10	0.39	1.3	7.45	2.84 Yes	0.39	Thermal Discharging
RNV021	539	'1063891___/42947833'	0.23	2.13	3.33	0.13	0.47	2.47	0.95 Yes	0.13	Thermal Discharging
RNV021	540	'247589434___/156568335_1'	0.23	2.13	3.33	0.13	0.2	2.47	0.95 Yes	0.13	Thermal Discharging
RNV021	541	'8151057___/9089953_2'	0.23	2.13	3.33	0.13	0.47	2.47	0.95 Yes	0.13	Thermal Discharging
RNV021	542	'42947816___/42947821'	0.47	4.13	6.67	0.26	0.93	4.88	1.9 Yes	0.26	Thermal Discharging
RNV021	543	'1063929___/1063927'	0.27	2.03	3.33	0.13	0.47	2.43	0.95 Yes	0.13	Thermal Discharging
RNV021	544	'9089955___/9089953_1'	0.23	2.07	3.33	0.13	0.4	2.43	0.95 Yes	0.13	Thermal Discharging
RNV021	545	'1064169___/1064181'	0.47	3.93	6.67	0.26	0.93	4.76	1.9 Yes	0.26	Thermal Discharging
RNV021	546	'7519632___/156568335_2'	0.23	1.93	3.33	0.13	0.2	2.31	0.95 Yes	0.13	Thermal Discharging
RNV021	547	'1064151___/1064166'	0.4	3.8	6.67	0.26	0.93	4.63	1.9 Yes	0.26	Thermal Discharging
RNV021	548	'7830297___/156568360'	0.2	1.9	3.33	0.13	0.2	2.27	0.95 Yes	0.13	Thermal Discharging
RNV021	549	'1064135___/1064148'	0.4	3.6	6.67	0.26	0.93	4.52	1.9 Yes	0.26	Thermal Discharging
RNV021	550	'1064271___/1064268'	0.4	3.53	6.67	0.26	0.93	4.45	1.9 Yes	0.26	Thermal Discharging
RNV021	551	'7830313___/7830310'	0.2	1.83	3.33	0.13	0.2	2.22	0.95 Yes	0.13	Thermal Discharging
RNV021	552	'42947808___/1064132'	0.2	1.77	3.33	0.13	0.47	2.2	0.95 Yes	0.13	Thermal Discharging
RNV021	553	'1064289___/1064286'	0.4	3.53	6.67	0.26	0.93	4.39	1.9 Yes	0.26	Thermal Discharging
RNV021	554	'9089972___/9089969'	0.2	1.8	3.33	0.13	0.2	2.19	0.95 Yes	0.13	Thermal Discharging
RNV021	555	'1064304___/1064301'	0.4	3.4	6.67	0.26	0.93	4.32	1.9 Yes	0.26	Thermal Discharging
RNV021	556	'1064109___/1064119'	0.2	1.7	3.33	0.13	0.47	2.16	0.95 Yes	0.13	Thermal Discharging
RNV021	557	'1064336___/1064316'	0.4	3.33	6.67	0.26	0.93	4.24	1.9 Yes	0.26	Thermal Discharging
RNV021	558	'1064096___/1064106'	0.2	1.67	3.33	0.13	0.47	2.12	0.95 Yes	0.13	Thermal Discharging
RNV021	559	'1064389___/1064402'	0.2	1.67	3.33	0.13	0.47	2.11	0.95 Yes	0.13	Thermal Discharging
RNV021	560	'1064376___/1064386'	0.2	1.67	3.33	0.13	0.47	2.09	0.95 Yes	0.13	Thermal Discharging
RNV021	561	'1064337___/1064334'	0.2	1.63	3.33	0.13	0.47	2.08	0.95 Yes	0.13	Thermal Discharging
RNV021	562	'42947797___/42947799'	0.2	1.63	3.33	0.13	0.47	2.07	0.95 Yes	0.13	Thermal Discharging
RNV021	563	'1064083___/1064093'	0.2	1.6	3.33	0.13	0.47	2.07	0.95 Yes	0.13	Thermal Discharging
RNV021	564	'1064350___/1064347'	0.17	1.6	3.33	0.13	0.47	2.05	0.95 Yes	0.13	Thermal Discharging
RNV021	565	'42947786___/42947788'	0.2	1.6	3.33	0.13	0.47	2.04	0.95 Yes	0.13	Thermal Discharging
RNV021	566	'1064362___/1064360'	0.2	1.6	3.33	0.13	0.47	2.04	0.95 Yes	0.13	Thermal Discharging
RNV021	567	'1064469___/1064479'	0.17	1.6	3.33	0.13	0.47	2.01	0.95 Yes	0.13	Thermal Discharging
RNV021	568	'42947763___/42947765'	0.2	1.53	3.33	0.13	0.47	2.02	0.95 Yes	0.13	Thermal Discharging
RNV021	569	'42947868___/1064495'	0.17	1.57	3.33	0.13	0.47	1.99	0.95 Yes	0.13	Thermal Discharging
RNV021	570	'1053546___/1064466'	0.17	1.57	3.33	0.13	0.47	1.97	0.95 Yes	0.13	Thermal Discharging
RNV021	571	'1064082___/1064080'	0.2	1.5	3.33	0.13	0.47	1.97	0.95 Yes	0.13	Thermal Discharging
RNV021	572	'1053545___/1053543'	0.17	1.53	3.33	0.13	0.47	1.96	0.95 Yes	0.13	Thermal Discharging
RNV021	573	'1064511___/42947870'	0.17	1.5	3.33	0.13	0.47	1.93	0.95 Yes	0.13	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RNV021	574	'42947879_/1064521'	0.17	1.47	3.33	0.13	0.47	1.87	0.95 Yes	0.13	Thermal Discharging
RNV021	575	'1053584_/1053582_1'	0.17	1.47	3.33	0.13	0.2	1.87	0.95 Yes	0.13	Thermal Discharging
RNV021	576	'1053585_/1053582_2'	0.17	1.4	3.33	0.13	0.2	1.82	0.95 Yes	0.13	Thermal Discharging
RNV021	577	'1053598_/1053595'	0.13	1.3	3.33	0.13	0.2	1.69	0.95 Yes	0.13	Primary Over-Voltage
RNV021	578	'1053611_/1053608'	0.13	1.3	3.33	0.13	0.2	1.67	0.95 Yes	0.13	Primary Over-Voltage
RNV021	579	'345684778_/345684782'	0.1	1.33	3.33	0	0.9	1.44	0.95 Yes	0	Thermal Discharging
RNV021	580	'1064970_/1064967_2'	0.1	1.33	3.33	0	0.9	1.44	0.95 Yes	0	Thermal Discharging
RNV021	581	'1053558_/1053624'	0.13	1.1	3.33	0.13	0.2	1.46	0.95 Yes	0.13	Primary Over-Voltage
RNV021	582	'1053640_/1053637'	0.13	1.1	3.33	0.13	0.2	1.45	0.95 Yes	0.13	Primary Over-Voltage
RNV021	583	'1053559_/1053556'	0.13	1.1	3.33	0.13	0.2	1.44	0.95 Yes	0.13	Primary Over-Voltage
RNV021	584	'42947890_/1053569'	0.1	1.07	3.33	0.13	0.2	1.41	0.95 Yes	0.1	Primary Over-Voltage
RNV021	585	'1053572_/42947892'	0.1	1.03	3.33	0.13	0.2	1.38	0.95 Yes	0.1	Primary Over-Voltage
RNV021	586	'1064862_/1064967_1'	0.1	1.17	3.33	0	0.2	1.31	0.95 Yes	0	Thermal Discharging
RNV021	587	'1064889_/1064886'	0.1	1.1	3.33	0	0.2	1.25	0.95 Yes	0	Thermal Discharging
RNV021	588	'42948009_/1064899'	0.1	1.1	3.33	0	0.2	1.23	0.95 Yes	0	Thermal Discharging
RNV021	589	'1064902_/42948011'	0.1	1.07	3.33	0	0.2	1.22	0.95 Yes	0	Thermal Discharging
RNV021	590	'1064957_/1064954'	0.07	1	3.33	0	0.2	1.15	0.95 Yes	0	Thermal Discharging
RNV021	591	'1064863_/1064860'	0.07	0.97	3.33	0	0.2	1.12	0.95 Yes	0	Thermal Discharging
RNV021	592	'42947998_/1064873'	0.07	0.93	3.33	0	0.2	1.1	0.95 Yes	0	Thermal Discharging
RNV021	593	'1064876_/42948000'	0.07	0.93	3.33	0	0.2	1.08	0.95 Yes	0	Thermal Discharging
ROC090	0	'ROC090_/309244109'	10	10	10	0.11	10	10	6.31 Yes	0.11	Thermal Discharging
ROC090	1	'309228137_/309244109'	10	10	10	0.11	10	10	0.26 Yes	0.11	Thermal Discharging
ROC090	2	'470945399_/470945381_1'	10	10	10	0.11	10	10	0.26 Yes	0.11	Thermal Discharging
ROC090	3	'470945384_/470945381_2'	10	10	10	0.11	10	10	0.26 Yes	0.11	Thermal Discharging
ROC090	4	'309228593_/309228599'	10	10	10	0.11	7.6	10	0.26 Yes	0.11	Thermal Discharging
ROC090	5	'309228577_/309228590'	10	10	10	0.11	7.6	10	0.26 Yes	0.11	Thermal Discharging
ROC090	6	'309228561_/309228574'	10	10	10	0.11	7.6	10	0.26 Yes	0.11	Thermal Discharging
ROC090	7	'309228545_/309228558'	10	10	10	0.11	7.6	10	0.26 Yes	0.11	Thermal Discharging
ROC090	8	'309228529_/309228542'	10	10	10	0.11	7.6	10	0.26 Yes	0.11	Thermal Discharging
ROC090	9	'309228513_/309228526'	10	10	10	0.11	7.6	10	0.26 Yes	0.11	Thermal Discharging
ROC090	10	'309228497_/309228510'	10	10	10	0.11	7.6	10	0.26 Yes	0.11	Thermal Discharging
ROC090	11	'309228472_/309228494'	10	10	10	0.11	7.6	10	0.26 Yes	0.11	Thermal Discharging
ROC090	12	'309228456_/309228469'	10	10	10	0.11	7.6	10	0.26 Yes	0.11	Thermal Discharging
ROC090	13	'309228440_/309228453'	10	10	10	0.11	7.6	10	0.26 Yes	0.11	Thermal Discharging
ROC090	14	'309228424_/309228437'	10	10	10	0.11	7.6	10	0.26 Yes	0.11	Thermal Discharging
ROC090	15	'309228408_/309228421'	10	10	10	0.11	7.6	10	0.26 Yes	0.11	Thermal Discharging
ROC090	16	'309228392_/309228405'	10	10	10	0.11	7.6	10	0.26 Yes	0.11	Thermal Discharging
ROC090	17	'309228376_/309228389'	10	10	10	0.11	7.6	10	0.26 Yes	0.11	Thermal Discharging
ROC090	18	'309228360_/309228373'	10	10	10	0.11	7.6	10	0.26 Yes	0.11	Thermal Discharging
ROC090	19	'309228332_/309228357'	10	10	10	0.11	7.6	10	0.26 Yes	0.11	Thermal Discharging
ROC090	20	'352100805_/309228345_1'	3.33	3.33	3.33	0.04	0.4	3.33	0.09 Yes	0.04	Thermal Discharging
ROC090	21	'309228316_/309228329'	10	10	10	0.11	7.6	10	0.26 Yes	0.11	Thermal Discharging
ROC090	22	'309228300_/309228313'	10	10	10	0.11	7.6	10	0.26 Yes	0.11	Thermal Discharging
ROC090	23	'309228348_/309228345_2'	3.33	3.33	3.33	0.04	0.4	3.33	0.09 Yes	0.04	Thermal Discharging
ROC090	24	'309228284_/309228297'	10	10	10	0.11	7.6	10	0.26 Yes	0.11	Thermal Discharging
ROC090	25	'309228268_/309228281'	10	10	10	0.11	7.6	10	0.26 Yes	0.11	Thermal Discharging
ROC090	26	'309228252_/309228265'	10	10	10	0.11	7.6	10	0.26 Yes	0.11	Thermal Discharging
ROC090	27	'309228227_/309228249'	10	10	10	0.11	7.6	10	0.26 Yes	0.11	Thermal Discharging
ROC090	28	'309228211_/309228224'	10	10	10	0.11	7.6	10	0.26 Yes	0.11	Thermal Discharging
ROC090	29	'309228195_/309228208'	10	10	10	0.11	7.6	10	0.26 Yes	0.11	Thermal Discharging
ROC090	30	'309228179_/309228192'	10	10	10	0.11	7.6	10	0.26 Yes	0.11	Thermal Discharging
ROC090	31	'309228163_/309228176'	10	10	10	0.11	7.6	10	0.26 Yes	0.11	Thermal Discharging
ROC090	32	'309228147_/309228160'	10	10	10	0.11	7.6	10	0.26 Yes	0.11	Thermal Discharging
ROC090	33	'309228146_/309228144'	10	10	10	0.11	7.6	10	0.26 Yes	0.11	Thermal Discharging
ROC090	34	'309194609_/309231248'	10	10	10	0.11	7.6	10	0.26 Yes	0.11	Thermal Discharging
ROC090	35	'484973437_/468638755'	10	10	10	0.11	7.6	10	0.25 Yes	0.11	Thermal Discharging
ROC090	36	'309244154_/484973441'	10	10	10	0.11	7.6	10	0.25 Yes	0.11	Thermal Discharging
ROC090	37	'309194584_/516014577'	10	10	10	0.11	7.6	10	0.25 Yes	0.11	Thermal Discharging
ROC090	38	'468638726_/468638723'	10	10	10	0.11	7.6	10	0.25 Yes	0.11	Thermal Discharging
ROC090	39	'516014549_/516014565'	10	10	10	0.11	7.6	10	0.25 Yes	0.11	Thermal Discharging
ROC090	40	'516014961_/516014682_1'	10	10	10	0	7.6	10	5.55 Yes	0	Thermal Discharging
ROC090	41	'309194639_/516014547'	10	10	10	0.11	7.6	10	0.25 Yes	0.11	Thermal Discharging
ROC090	42	'516014880_/516014682_2'	10	10	10	0	7.6	10	5.55 Yes	0	Thermal Discharging
ROC090	43	'516014886_/516014890'	10	10	10	0	7.6	10	5.55 Yes	0	Thermal Discharging
ROC090	44	'468638515_/468638785'	10	10	10	0.11	7.6	10	0.25 Yes	0.11	Thermal Discharging
ROC090	45	'309194661_/516014509'	10	10	10	0.11	7.6	10	0.25 Yes	0.11	Thermal Discharging
ROC090	46	'309228072_/468638797'	10	10	10	0.11	7.6	10	0.25 Yes	0.11	Thermal Discharging
ROC090	47	'309194677_/516014480'	10	10	10	0.11	7.6	10	0.25 Yes	0.11	Thermal Discharging
ROC090	48	'309228056_/468638811'	10	10	10	0.11	7.6	10	0.25 Yes	0.11	Thermal Discharging
ROC090	49	'309194585_/309194582'	10	10	10	0	7.6	10	5.55 Yes	0	Thermal Discharging
ROC090	50	'309228040_/468638823'	10	10	10	0.11	7.6	10	0.25 Yes	0.11	Thermal Discharging
ROC090	51	'468638962_/464924029'	10	10	10	0.11	7.6	10	0.25 Yes	0.11	Thermal Discharging
ROC090	52	'464924125_/468639225_1'	10	10	10	0.11	7.6	10	0.25 Yes	0.11	Thermal Discharging
ROC090	53	'468639228_/468639225_2'	10	10	10	0.11	7.6	10	0.25 Yes	0.11	Thermal Discharging
ROC090	54	'468639254_/468639251'	10	10	10	0.11	7.6	10	0.25 Yes	0.11	Thermal Discharging
ROC090	55	'468639519_/468639420_1'	10	10	10	0.11	1.6	10	0.25 Yes	0.11	Thermal Discharging
ROC090	56	'468639272_/468639269'	10	10	10	0.11	7.6	10	0.25 Yes	0.11	Thermal Discharging
ROC090	57	'464923962_/468639420_2'	10	10	10	0.11	1.6	10	0.25 Yes	0.11	Thermal Discharging
ROC090	58	'309228024_/468638835'	10	10	10	0.11	7.6	10	0.25 Yes	0.11	Thermal Discharging
ROC090	59	'468639423_/468639420_3'	10	10	10	0.11	1.6	10	0.25 Yes	0.11	Thermal Discharging
ROC090	60	'464924142_/468639454_1'	10	10	10	0.11	1.6	10	0.25 Yes	0.11	Thermal Discharging
ROC090	61	'468639659_/468639617_1'	10	10	10	0.11	1.6	10	0.25 Yes	0.11	Thermal Discharging
ROC090	62	'468639290_/468639287'	10	10	10	0.11	7.6	10	0.25 Yes	0.11	Thermal Discharging
ROC090	63	'464923952_/468639617_2'	10	10	10	0.11	1.6	10	0.25 Yes	0.11	Thermal Discharging
ROC090	64	'468639620_/468639617_3'	10	10	10	0.11	1.6	10	0.25 Yes	0.11	Thermal Discharging
ROC090	65	'468639457_/468639454_2'	10	10	10	0.11	1.6	10	0.25 Yes	0.11	Thermal Discharging
ROC090	66	'464924070_/468639635_1'	10	10	10	0.11	1.6	10	0.25 Yes	0.11	Thermal Discharging
ROC090	67	'468639829_/468639787_1'	10	10	10	0.11	1.6	10	0.25 Yes	0.11	Thermal Discharging
ROC090	68	'468639308_/468639305'	10	10	10	0.11	7.6	10	0.25 Yes	0.11	Thermal Discharging
ROC090	69	'464923942_/468639787_2'	10	10	10	0.11	1.6	10	0.25 Yes	0.11	Thermal Discharging
ROC090	70	'309194693_/309194690'	10	10	10	0.11	7.5	10	0.25 Yes	0.11	Thermal Discharging
ROC090	71	'468639790_/468639787_3'	10	10	10	0.11	1.6	10	0.25 Yes	0.11	Thermal Discharging
ROC090	72	'468639638_/468639635_2'	10	10	10	0.11	1.6	10	0.25 Yes	0.11	Thermal Discharging
ROC090	73	'464924080_/468639811_1'	10	10	10	0.11	1.6	10	0.25 Yes	0.11	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
ROC090	74	'468640005_/_468639963_1'		10	10	10	0.11	1.6	10	0.25 Yes	0.11 Thermal Discharging
ROC090	75	'464923932_/_468639963_2'		10	10	10	0.11	1.6	10	0.25 Yes	0.11 Thermal Discharging
ROC090	76	'468639326_/_468639323'		10	10	10	0.11	7.6	10	0.25 Yes	0.11 Thermal Discharging
ROC090	77	'468639966_/_468639963_3'		10	10	10	0.11	1.6	10	0.25 Yes	0.11 Thermal Discharging
ROC090	78	'468639814_/_468639811_2'		10	10	10	0.11	1.6	10	0.25 Yes	0.11 Thermal Discharging
ROC090	79	'464923990_/_464923634_1'		10	10	10	0.11	1.6	10	0.25 Yes	0.11 Thermal Discharging
ROC090	80	'464923922_/_464923634_2'		10	10	10	0.11	1.6	10	0.25 Yes	0.11 Thermal Discharging
ROC090	81	'464923637_/_464923634_3'		10	10	10	0.11	1.6	10	0.25 Yes	0.11 Thermal Discharging
ROC090	82	'464923899_/_468638907_1'		10	10	10	0.11	0.6	10	0.25 Yes	0.11 Thermal Discharging
ROC090	83	'468639990_/_468639987'		10	10	10	0.11	1.6	10	0.25 Yes	0.11 Thermal Discharging
ROC090	84	'464924090_/_464923656_1'		10	10	10	0.11	1.6	10	0.25 Yes	0.11 Thermal Discharging
ROC090	85	'468638921_/_468638907_2'		10	10	10	0.11	0.6	10	0.25 Yes	0.11 Thermal Discharging
ROC090	86	'464923659_/_464923656_2'		10	10	10	0.11	1.6	10	0.25 Yes	0.11 Thermal Discharging
ROC090	87	'309194552_/_309194699'		10	10	10	0.11	7.5	10	0.25 Yes	0.11 Thermal Discharging
ROC090	88	'309194728_/_309194725'		10	10	10	0.11	7.5	10	0.25 Yes	0.11 Thermal Discharging
ROC090	89	'309194553_/_309194550'	3.33		3.33	3.33	0.04	2	3.33	0.08 Yes	0.04 Thermal Discharging
ROC090	90	'352101112_/_309194563_1'	3.33		3.33	3.33	0.04	0.2	3.33	0.08 Yes	0.04 Thermal Discharging
ROC090	91	'309194750_/_309194747'		10	10	10	0.11	7.5	10	0.25 Yes	0.11 Thermal Discharging
ROC090	92	'309194766_/_309194763'		10	10	10	0.11	7.5	10	0.25 Yes	0.11 Thermal Discharging
ROC090	93	'309194782_/_309194779'		10	10	10	0.11	7.5	10	0.25 Yes	0.11 Thermal Discharging
ROC090	94	'309194566_/_309194563_2'	3.33		3.33	3.33	0.04	0.2	3.33	0.08 Yes	0.04 Thermal Discharging
ROC090	95	'309194801_/_309194798'		10	10	10	0.11	7.5	10	0.25 Yes	0.11 Thermal Discharging
ROC090	96	'309194817_/_309194814'		10	10	10	0.11	7.5	10	0.25 Yes	0.11 Thermal Discharging
ROC090	97	'309194833_/_309194830'		10	10	10	0.11	7.5	10	0.25 Yes	0.11 Thermal Discharging
ROC090	98	'309194855_/_309194852'		10	10	10	0.11	7.5	10	0.25 Yes	0.11 Thermal Discharging
ROC090	99	'309194864_/_309194861'		10	10	10	0.11	7.5	10	0.25 Yes	0.11 Thermal Discharging
ROC090	100	'309194893_/_309194890'		10	10	10	0.11	7.5	10	0.25 Yes	0.11 Thermal Discharging
ROC090	101	'309194902_/_309194899'		10	10	10	0.11	7.5	10	0.25 Yes	0.11 Thermal Discharging
ROC090	102	'309194925_/_309194922'		10	10	10	0.11	7.5	10	0.25 Yes	0.11 Thermal Discharging
ROC090	103	'309194934_/_309194931'		10	10	10	0.11	7.5	10	0.25 Yes	0.11 Thermal Discharging
ROC090	104	'309194957_/_309194954'		10	10	10	0.11	7.5	10	0.25 Yes	0.11 Thermal Discharging
ROC090	105	'309194966_/_309194963'		10	10	10	0.11	7.5	10	0.25 Yes	0.11 Thermal Discharging
ROC090	106	'309194989_/_309194986'		10	10	10	0.11	7.5	10	0.25 Yes	0.11 Thermal Discharging
ROC090	107	'309194998_/_309194995'		10	10	10	0.11	7.5	10	0.25 Yes	0.11 Thermal Discharging
ROC090	108	'309195030_/_309195027'		10	10	10	0.11	7.5	10	0.25 Yes	0.11 Thermal Discharging
ROC090	109	'309195039_/_309195036'		10	10	10	0.11	7.5	10	0.25 Yes	0.11 Thermal Discharging
ROC090	110	'309195062_/_309195059'		10	10	10	0.11	7.5	10	0.25 Yes	0.11 Thermal Discharging
ROC090	111	'309195071_/_309195068'		10	10	10	0.11	7.5	10	0.25 Yes	0.11 Thermal Discharging
ROC090	112	'309195080_/_309195077'		10	10	10	0.11	7.5	10	0.25 Yes	0.11 Thermal Discharging
ROC090	113	'309196991_/_309196988'		10	10	10	0.11	7.5	10	0.25 Yes	0.11 Thermal Discharging
ROC090	114	'309197006_/_309197003'		10	10	10	0.11	7.5	10	0.25 Yes	0.11 Thermal Discharging
ROC090	115	'309197015_/_309197012'		10	10	10	0.11	7.5	10	0.25 Yes	0.11 Thermal Discharging
ROC090	116	'309197038_/_309197035'		10	10	10	0.11	7.5	10	0.25 Yes	0.11 Thermal Discharging
ROC090	117	'309197099_/_309197096'		10	10	10	0.11	7.5	10	0.25 Yes	0.11 Thermal Discharging
ROC090	118	'309197065_/_309197105'		10	10	10	0.11	7.5	10	0.25 Yes	0.11 Thermal Discharging
ROC090	119	'309197053_/_309197063'		10	10	10	0.11	7.5	10	0.25 Yes	0.11 Thermal Discharging
ROC090	120	'309197054_/_309197051'		10	10	10	0.11	7.5	10	0.25 Yes	0.11 Thermal Discharging
ROC090	121	'309197124_/_309197121'		10	10	10	0.11	7.5	10	0.25 Yes	0.11 Thermal Discharging
ROC090	122	'309197139_/_309197136'		10	10	10	0.11	7.5	10	0.25 Yes	0.11 Thermal Discharging
ROC090	123	'309197162_/_309197159'		10	10	10	0.11	7.5	10	0.25 Yes	0.11 Thermal Discharging
ROC090	124	'309197178_/_309197175'		10	10	10	0.11	7.5	10	0.25 Yes	0.11 Thermal Discharging
ROC090	125	'309197219_/_309197216'		10	10	10	0.11	7.5	10	0.25 Yes	0.11 Thermal Discharging
ROC090	126	'309197209_/_309197225'		10	10	10	0.11	7.5	10	0.25 Yes	0.11 Thermal Discharging
ROC090	127	'309197186_/_309197207'		10	10	10	0.11	7.5	10	0.25 Yes	0.11 Thermal Discharging
ROC090	128	'309197187_/_309197184'		10	10	10	0.11	7.5	10	0.25 Yes	0.11 Thermal Discharging
ROC090	129	'309197289_/_309197286'		10	10	10	0.11	7.5	10	0.25 Yes	0.11 Thermal Discharging
ROC090	130	'309197279_/_309197301'		10	10	10	0.11	7.5	10	0.25 Yes	0.11 Thermal Discharging
ROC090	131	'309197253_/_309197277'		10	10	10	0.11	7.5	10	0.25 Yes	0.11 Thermal Discharging
ROC090	132	'309197254_/_309197251'		10	10	10	0.11	7.5	10	0.25 Yes	0.11 Thermal Discharging
ROC090	133	'309197334_/_309197331'		10	10	10	0.11	7.5	10	0.25 Yes	0.11 Thermal Discharging
ROC090	134	'309197343_/_309197340'		10	10	10	0.11	7.5	10	0.25 Yes	0.11 Thermal Discharging
ROC090	135	'309197369_/_309197366'		10	10	10	0.11	7.5	10	0.25 Yes	0.11 Thermal Discharging
ROC090	136	'309197384_/_309197381'		10	10	10	0.11	7.5	10	0.25 Yes	0.11 Thermal Discharging
ROC090	137	'309197449_/_309197446'		10	10	10	0.11	7.5	10	0.25 Yes	0.11 Thermal Discharging
ROC090	138	'309197415_/_309197455'		10	10	10	0.11	7.5	10	0.25 Yes	0.11 Thermal Discharging
ROC090	139	'309197406_/_309197413'		10	10	10	0.11	7.5	10	0.25 Yes	0.11 Thermal Discharging
ROC090	140	'309197407_/_309197404'		10	10	10	0.11	7.5	10	0.25 Yes	0.11 Thermal Discharging
ROC090	141	'309197481_/_309197478'		10	10	10	0.11	7.5	10	0.25 Yes	0.11 Thermal Discharging
ROC090	142	'309197496_/_309197493'		10	10	10	0.11	7.5	10	0.25 Yes	0.11 Thermal Discharging
ROC090	143	'309197505_/_309197502'		10	10	10	0.11	7.5	10	0.25 Yes	0.11 Thermal Discharging
ROC090	144	'309197528_/_309197525'		10	10	10	0.11	7.5	10	0.25 Yes	0.11 Thermal Discharging
ROC090	145	'309197547_/_309197544'		10	10	10	0.11	7.5	10	0.25 Yes	0.11 Thermal Discharging
ROC090	146	'309197563_/_309197560'		10	10	10	0.11	7.5	10	0.25 Yes	0.11 Thermal Discharging
ROC090	147	'309197572_/_309197569'		10	10	10	0.11	7.5	10	0.25 Yes	0.11 Thermal Discharging
ROC090	148	'309197595_/_309197592'		10	10	10	0.11	7.5	10	0.25 Yes	0.11 Thermal Discharging
ROC090	149	'309197645_/_309197642'	4.7		10	10	0.11	7.5	10	0.25 Yes	0.11 Thermal Discharging
ROC090	150	'309197635_/_309197651'	4.3		10	10	0.11	7.5	10	0.25 Yes	0.11 Thermal Discharging
ROC090	151	'309197609_/_309197633'	3.9		10	10	0.11	7.5	10	0.25 Yes	0.11 Thermal Discharging
ROC090	152	'309254203_/_309197607_1'	3.6		10	10	0.11	7.5	10	0.25 Yes	0.11 Thermal Discharging
ROC090	153	'309197610_/_309197607_2'	3.6		10	10	0.11	7.5	10	0.25 Yes	0.11 Thermal Discharging
ROC090	154	'309197712_/_309197709'	3.4		10	10	0.11	7.5	10	0.25 Yes	0.11 Thermal Discharging
ROC090	155	'309197702_/_309197724'	3.2		10	10	0.11	7.5	10	0.25 Yes	0.11 Thermal Discharging
ROC090	156	'309197676_/_309197700'	3		10	10	0.11	7.5	10	0.25 Yes	0.11 Thermal Discharging
ROC090	157	'309197677_/_309197674'	2.9		10	10	0.11	7.5	10	0.25 Yes	0.11 Thermal Discharging
ROC090	158	'309197775_/_309197772'	2.8		10	10	0.11	7.5	10	0.25 Yes	0.11 Thermal Discharging
ROC090	159	'309197765_/_309197781'	2.7		10	10	0.11	7.5	10	0.25 Yes	0.11 Thermal Discharging
ROC090	160	'309197742_/_309197763'	2.6		10	10	0.11	7.5	10	0.25 Yes	0.11 Thermal Discharging
ROC090	161	'309197743_/_309197740'	2.5		10	10	0.11	7.5	10	0.25 Yes	0.11 Thermal Discharging
ROC090	162	'309197814_/_309197811'	2.4		10	10	0.11	7.5	10	0.25 Yes	0.11 Thermal Discharging
ROC090	163	'309197823_/_309197820'	2.4		10	10	0.11	7.5	10	0.25 Yes	0.11 Thermal Discharging
ROC090	164	'309197852_/_309197849'	2.3		10	10	0.11	7.5	10	0.25 Yes	0.11 Thermal Discharging
ROC090	165	'309197861_/_309197858'	2.2		10	10	0.11	7.5	10	0.25 Yes	0.11 Thermal Discharging
ROC090	166	'309197887_/_309197884'	2.2		10	10	0.11	7.5	10	0.25 Yes	0.11 Thermal Discharging
ROC090	167	'309197896_/_309197893'	2.1		10	10	0.11	7.5	10	0.25 Yes	0.11 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
ROC090	168	'309197919'/_309197916'	2.1	10	10	0.11	7.5	10	0.25 Yes	0.11	Thermal Discharging
ROC090	169	'309197934'/_309197931'	2	10	10	0.11	7.5	10	0.25 Yes	0.11	Thermal Discharging
ROC090	170	'309197967'/_309197964'	2	10	10	0.11	7.5	10	0.24 Yes	0.11	Thermal Discharging
ROC090	171	'309192345'/_309197973'	1.9	10	10	0.11	7.5	10	0.24 Yes	0.11	Thermal Discharging
ROC090	172	'309194176'/_309194185'	1.9	10	10	0.11	7.5	10	0.24 Yes	0.11	Thermal Discharging
ROC090	173	'309192344'/_309192342'	0.67	3.33	3.33	0.04	1.9	3.33	0.08 Yes	0.04	Thermal Discharging
ROC090	174	'352105114'/_309194200_1'	0.67	3.33	3.33	0.04	0.4	3.33	0.08 Yes	0.04	Thermal Discharging
ROC090	175	'309194143'/_309194173'	1.9	10	10	0.11	7.5	10	0.24 Yes	0.11	Thermal Discharging
ROC090	176	'352104974'/_309198058_1'	0.67	3.33	3.33	0.04	0.6	3.33	0.08 Yes	0.04	Thermal Discharging
ROC090	177	'309198061'/_309198058_2'	0.67	3.33	3.33	0.04	0.6	3.33	0.08 Yes	0.04	Thermal Discharging
ROC090	178	'309194134'/_309194140'	1.8	10	10	0.11	7.5	10	0.24 Yes	0.11	Thermal Discharging
ROC090	179	'309194118'/_309194131'	1.8	10	10	0.11	7.5	10	0.24 Yes	0.11	Thermal Discharging
ROC090	180	'309198077'/_309198074'	0.67	3.33	3.33	0.04	0.6	3.33	0.08 Yes	0.04	Thermal Discharging
ROC090	181	'309194202'/_309194200_2'	0.67	3.33	3.33	0.04	0.4	3.33	0.08 Yes	0.04	Thermal Discharging
ROC090	182	'309194095'/_309194115'	1.8	10	10	0.11	7.5	10	0.24 Yes	0.11	Thermal Discharging
ROC090	183	'309194086'/_309194092'	1.7	10	10	0.11	7.5	10	0.24 Yes	0.11	Thermal Discharging
ROC090	184	'309194229'/_309194227'	0.67	3.33	3.33	0.04	0.4	3.33	0.08 Yes	0.04	Thermal Discharging
ROC090	185	'309194064'/_309194083'	1.7	10	10	0.11	7.5	10	0.24 Yes	0.11	Thermal Discharging
ROC090	186	'309198013'/_309198761'	0.67	3.33	3.33	0.04	0.6	3.33	0.08 Yes	0.04	Thermal Discharging
ROC090	187	'309198014'/_309198011'	0.67	3.33	3.33	0.04	0.6	3.33	0.08 Yes	0.04	Thermal Discharging
ROC090	188	'309249099'/_309198018_1'	0.67	3.33	3.33	0.04	0.6	3.33	0.08 Yes	0.04	Thermal Discharging
ROC090	189	'309198021'/_309198018_2'	0.67	3.33	3.33	0.04	0.6	3.33	0.08 Yes	0.04	Thermal Discharging
ROC090	190	'309194038'/_309194061'	1.7	10	10	0.11	7.5	10	0.24 Yes	0.11	Thermal Discharging
ROC090	191	'309199205'/_309199202'	0.67	3.33	3.33	0.04	0.6	3.33	0.08 Yes	0.04	Thermal Discharging
ROC090	192	'309194022'/_309194035'	1.6	10	10	0.11	7.5	10	0.24 Yes	0.11	Thermal Discharging
ROC090	193	'309194236'/_309194234'	0.67	3.33	3.33	0.04	0.4	3.33	0.08 Yes	0.04	Thermal Discharging
ROC090	194	'309194013'/_309194019'	1.6	10	10	0.11	7.5	10	0.24 Yes	0.11	Thermal Discharging
ROC090	195	'309197987'/_309199209'	0.67	3.33	3.33	0.04	0.6	3.33	0.08 Yes	0.04	Thermal Discharging
ROC090	196	'309193990'/_309194010'	1.6	10	10	0.11	7.5	10	0.24 Yes	0.11	Thermal Discharging
ROC090	197	'309194251'/_309194255'	0.67	3.33	3.33	0.04	0.4	3.33	0.08 Yes	0.04	Thermal Discharging
ROC090	198	'309193978'/_309193987'	1.5	10	10	0.11	7.5	10	0.24 Yes	0.11	Thermal Discharging
ROC090	199	'309197988'/_309197985'	0.63	3.33	3.33	0.04	0.6	3.33	0.08 Yes	0.04	Thermal Discharging
ROC090	200	'309193955'/_309193975'	1.5	10	10	0.11	7.5	10	0.24 Yes	0.11	Thermal Discharging
ROC090	201	'309192377'/_309194248'	0.67	3.33	3.33	0.04	0.4	3.33	0.08 Yes	0.04	Thermal Discharging
ROC090	202	'309193946'/_309193952'	1.5	10	10	0.11	7.5	10	0.24 Yes	0.11	Thermal Discharging
ROC090	203	'309192378'/_309192375'	0.67	3.33	3.33	0.04	0.4	3.33	0.08 Yes	0.04	Thermal Discharging
ROC090	204	'309193924'/_309193943'	1.5	10	10	0.11	7.5	10	0.24 Yes	0.11	Thermal Discharging
ROC090	205	'309194294'/_309194292'	0.63	3.33	3.33	0.04	0.4	3.33	0.08 Yes	0.04	Thermal Discharging
ROC090	206	'309193908'/_309193921'	1.4	10	10	0.11	7.5	10	0.24 Yes	0.11	Thermal Discharging
ROC090	207	'309193882'/_309193905'	1.4	10	10	0.11	7.5	10	0.24 Yes	0.11	Thermal Discharging
ROC090	208	'309193873'/_309193879'	1.4	10	10	0.11	7.5	10	0.24 Yes	0.11	Thermal Discharging
ROC090	209	'309194322'/_309194332'	0.63	3.33	3.33	0.04	0.4	3.33	0.08 Yes	0.04	Thermal Discharging
ROC090	210	'309193850'/_309193870'	1.4	10	10	0.11	7.5	10	0.24 Yes	0.11	Thermal Discharging
ROC090	211	'309193841'/_309193847'	1.4	10	10	0.11	7.5	10	0.24 Yes	0.11	Thermal Discharging
ROC090	212	'309192400'/_309194319'	0.6	3.33	3.33	0.04	0.4	3.33	0.08 Yes	0.04	Thermal Discharging
ROC090	213	'397778418'/_397778391_1'	0.6	3.33	3.33	0.04	0.4	3.33	0.08 Yes	0.04	Thermal Discharging
ROC090	214	'309193815'/_309193838'	1.3	10	10	0.11	7.5	10	0.24 Yes	0.11	Thermal Discharging
ROC090	215	'397778394'/_397778391_2'	0.6	3.33	3.33	0.04	0.4	3.33	0.08 Yes	0.04	Thermal Discharging
ROC090	216	'309193803'/_309193812'	1.3	10	10	0.11	7.5	10	0.24 Yes	0.11	Thermal Discharging
ROC090	217	'309193787'/_309193800'	1.3	10	10	0.11	7.5	10	0.24 Yes	0.11	Thermal Discharging
ROC090	218	'309194358'/_309194356'	0.57	3.33	3.33	0.04	0.4	3.33	0.08 Yes	0.04	Thermal Discharging
ROC090	219	'309193758'/_309193784'	1.3	10	10	0.11	7.5	10	0.24 Yes	0.11	Thermal Discharging
ROC090	220	'309193749'/_309193755'	1.3	10	10	0.11	7.5	10	0.24 Yes	0.11	Thermal Discharging
ROC090	221	'309194378'/_309194376'	0.57	3.33	3.33	0.04	0.4	3.33	0.08 Yes	0.04	Thermal Discharging
ROC090	222	'309192414'/_309193746'	1.2	10	10	0.11	7.5	10	0.24 Yes	0.11	Thermal Discharging
ROC090	223	'309194392'/_309194390'	0.53	3.33	3.33	0.04	0.4	3.33	0.08 Yes	0.04	Thermal Discharging
ROC090	224	'309194406'/_309194404'	0.53	3.33	3.33	0.04	0.4	3.33	0.08 Yes	0.04	Thermal Discharging
ROC090	225	'309194423'/_309194421'	0.53	3.33	3.33	0.04	0.4	3.33	0.08 Yes	0.04	Thermal Discharging
ROC090	226	'309194437'/_309194441'	0.5	3.33	3.33	0.04	0.4	3.33	0.08 Yes	0.04	Thermal Discharging
ROC090	227	'309194436'/_309194434'	0.5	3.33	3.33	0.04	0.4	3.33	0.08 Yes	0.04	Thermal Discharging
ROC090	228	'309194464'/_309194462'	0.47	3.33	3.33	0.04	0.4	3.33	0.08 Yes	0.04	Thermal Discharging
ROC090	229	'309194479'/_309194489'	0.47	3.33	3.33	0.04	0.4	3.33	0.08 Yes	0.04	Thermal Discharging
ROC090	230	'309194478'/_309194476'	0.47	3.33	3.33	0.04	0.4	3.33	0.08 Yes	0.04	Thermal Discharging
ROC090	231	'464923868'/_309228005_2'	10	4.2	10	0.11	0.3	3.04	0.22 Yes	0.11	Thermal Discharging
ROC090	232	'309227992'/_309228005_1'	10	4.2	10	0.11	0.3	3	0.22 Yes	0.11	Thermal Discharging
ROC090	233	'309227976'/_309227989'	10	4.2	10	0.11	0.3	2.96	0.22 Yes	0.11	Thermal Discharging
ROC090	234	'309227975'/_309227973'	10	4.2	10	0.11	0.3	2.91	0.22 Yes	0.11	Thermal Discharging
ROC090	235	'309227954'/_309231202'	10	4.2	10	0.11	0.3	2.89	0.22 Yes	0.11	Thermal Discharging
ROC090	236	'309227935'/_309227951'	10	4.2	10	0.11	0.3	2.85	0.22 Yes	0.11	Thermal Discharging
ROC090	237	'309227919'/_309227932'	10	4.2	10	0.11	0.3	2.81	0.22 Yes	0.11	Thermal Discharging
ROC090	238	'309227896'/_309227916'	10	4.2	10	0.11	0.3	2.76	0.22 Yes	0.11	Thermal Discharging
ROC090	239	'309227868'/_309227893'	10	4.2	10	0.11	0.3	2.72	0.22 Yes	0.11	Thermal Discharging
ROC090	240	'309227859'/_309227865'	10	4.2	10	0.11	0.3	2.68	0.22 Yes	0.11	Thermal Discharging
ROC090	241	'309227843'/_309227856'	10	4.2	10	0.11	0.3	2.65	0.22 Yes	0.11	Thermal Discharging
ROC090	242	'309227827'/_309227840'	10	4.2	10	0.11	0.3	2.61	0.22 Yes	0.11	Thermal Discharging
ROC090	243	'309227805'/_309227824'	10	4.2	10	0.11	0.3	2.57	0.22 Yes	0.11	Thermal Discharging
ROC090	244	'309227786'/_309227802'	10	4.2	10	0.11	0.3	2.53	0.22 Yes	0.11	Thermal Discharging
ROC090	245	'309227681'/_309227783'	10	4.2	10	0.11	0.3	2.52	0.22 Yes	0.11	Thermal Discharging
ROC090	246	'309277031'/_309227688_2'	3.33	1.4	3.33	0.04	0.1	0.84	0.07 Yes	0.04	Thermal Discharging
ROC090	247	'309227690'/_309227688_1'	3.33	1.4	3.33	0.04	0.1	0.83	0.07 Yes	0.04	Thermal Discharging
ROC090	248	'309227665'/_309227679'	10	4.2	10	0.11	0.3	2.49	0.22 Yes	0.11	Thermal Discharging
ROC090	249	'309227711'/_309227709'	3.33	1.4	3.33	0.04	0.1	0.82	0.07 Yes	0.04	Thermal Discharging
ROC090	250	'309227649'/_309227663'	10	4.2	10	0.11	0.3	2.46	0.22 Yes	0.11	Thermal Discharging
ROC090	251	'309227719'/_309227729'	3.33	1.4	3.33	0.04	0.1	0.81	0.07 Yes	0.04	Thermal Discharging
ROC090	252	'309227633'/_309227647'	10	4.2	10	0.11	0.3	2.42	0.22 Yes	0.11	Thermal Discharging
ROC090	253	'309227718'/_309227716'	3.33	1.4	3.33	0.04	0.1	0.8	0.07 Yes	0.04	Thermal Discharging
ROC090	254	'309192330'/_309227631'	0.8	4.2	10	0.11	0.3	2.39	0.22 Yes	0.11	Thermal Discharging
ROC090	255	'309227756'/_309227753'	3.33	1.4	3.33	0.04	0.1	0.79	0.07 Yes	0.04	Thermal Discharging
ROC090	256	'309227601'/_309227615'	0.7	4.2	10	0.11	0.3	2.36	0.22 Yes	0.11	Thermal Discharging
ROC090	257	'309227585'/_309227599'	0.6	4.2	10	0.11	0.3	2.33	0.22 Yes	0.11	Thermal Discharging
ROC090	258	'309227569'/_309227583'	0.6	4.2	10	0.11	0.3	2.3	0.22 Yes	0.11	Thermal Discharging
ROC090	259	'309227546'/_309227567'	0.6	4.2	10	0.11	0.3	2.28	0.22 Yes	0.11	Thermal Discharging
ROC090	260	'470008092'/_333776262'	0.2	1.4	3.33	0.04	0.1	0.75	0.07 Yes	0.04	Thermal Discharging
ROC090	261	'309227522'/_309227544'	0.5	4.2	10	0.11	0.3	2.25	0.22 Yes	0.11	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
ROC090	262	'309227523_/_309227520'		0.5	4.2	10	0.11	0.3	2.22	0.22 Yes	0.11 Thermal Discharging
ROC090	263	'309227361_/_309227529'		0.5	4.2	10	0.11	0.3	2.19	0.22 Yes	0.11 Thermal Discharging
ROC090	264	'309227362_/_309227359'		0.5	4.2	10	0.11	0.3	2.16	0.22 Yes	0.11 Thermal Discharging
ROC090	265	'309227380_/_309227398'		0.4	4.2	10	0.11	0.3	2.14	0.22 Yes	0.11 Thermal Discharging
ROC090	266	'351961864_/_309227378_1'		0.13	1.4	3.33	0.04	0.1	0.71	0.07 Yes	0.04 Thermal Discharging
ROC090	267	'316387872_/_309227378_2'		0.13	1.4	3.33	0.04	0.1	0.71	0.07 Yes	0.04 Thermal Discharging
ROC090	268	'309227417_/_309227414'		0.4	4.2	10	0.11	0.3	2.11	0.22 Yes	0.11 Thermal Discharging
ROC090	269	'309227433_/_309227430'		0.4	4.2	10	0.11	0.3	2.08	0.22 Yes	0.11 Thermal Discharging
ROC090	270	'309227449_/_309227446'		0.4	4.2	10	0.11	0.3	2.06	0.22 Yes	0.11 Thermal Discharging
ROC090	271	'309227465_/_309227462'		0.4	4.2	10	0.11	0.3	2.03	0.22 Yes	0.11 Thermal Discharging
ROC090	272	'309227481_/_309227478'		0.4	4.2	10	0.11	0.3	2	0.22 Yes	0.11 Thermal Discharging
ROC090	273	'309227497_/_309227494'		0.3	4.2	10	0.11	0.3	1.98	0.22 Yes	0.11 Thermal Discharging
ROC090	274	'309240900_/_309240906'		0.3	4.2	10	0.11	0.3	1.96	0.22 Yes	0.11 Thermal Discharging
ROC090	275	'309240877_/_309240897'		0.3	4.2	10	0.11	0.3	1.93	0.22 Yes	0.11 Thermal Discharging
ROC090	276	'309240861_/_309240874'		0.3	4.2	10	0.11	0.3	1.9	0.22 Yes	0.11 Thermal Discharging
ROC090	277	'309240845_/_309240858'		0.3	4.2	10	0.11	0.3	1.88	0.22 Yes	0.11 Thermal Discharging
ROC090	278	'309240829_/_309240842'		0.3	4.2	10	0.11	0.3	1.85	0.22 Yes	0.11 Thermal Discharging
ROC090	279	'309240813_/_309240826'		0.3	4.1	10	0.11	0.3	1.83	0.22 Yes	0.11 Thermal Discharging
ROC090	280	'309240797_/_309240810'		0.3	4.1	10	0.11	0.3	1.8	0.22 Yes	0.11 Thermal Discharging
ROC090	281	'309240781_/_309240794'		0.3	4	10	0.11	0.3	1.78	0.22 Yes	0.11 Thermal Discharging
ROC090	282	'309240765_/_309240778'		0.3	3.9	10	0.11	0.3	1.76	0.22 Yes	0.11 Thermal Discharging
ROC090	283	'309240725_/_309240762'		0.3	3.9	10	0.11	0.3	1.73	0.22 Yes	0.11 Thermal Discharging
ROC090	284	'309240726_/_309240723'		0.2	3.9	10	0.11	0.3	1.71	0.22 Yes	0.11 Thermal Discharging
ROC090	285	'309240709_/_309240732'		0.2	2.7	10	0.11	0.3	1.69	0.22 Yes	0.11 Thermal Discharging
ROC090	286	'309240693_/_309240707'		0.2	2.5	10	0.11	0.3	1.68	0.22 Yes	0.11 Thermal Discharging
ROC090	287	'309240677_/_309240691'		0.2	2.4	10	0.11	0.3	1.66	0.22 Yes	0.11 Thermal Discharging
ROC090	288	'309240661_/_309240675'		0.2	2.3	10	0.11	0.3	1.64	0.22 Yes	0.11 Thermal Discharging
ROC090	289	'309240645_/_309240659'		0.2	2.2	10	0.11	0.3	1.62	0.22 Yes	0.11 Thermal Discharging
ROC090	290	'309240629_/_309240643'		0.2	2.1	10	0.11	0.3	1.6	0.22 Yes	0.11 Thermal Discharging
ROC090	291	'309240613_/_309240627'		0.2	2.1	10	0.11	0.3	1.59	0.22 Yes	0.11 Thermal Discharging
ROC090	292	'309240597_/_309240611'		0.2	2	10	0.11	0.3	1.57	0.22 Yes	0.11 Thermal Discharging
ROC090	293	'309240581_/_309240595'		0.2	1.9	10	0.11	0.3	1.55	0.22 Yes	0.11 Thermal Discharging
ROC090	294	'309240565_/_309240579'		0.2	1.9	10	0.11	0.3	1.53	0.22 Yes	0.11 Thermal Discharging
ROC090	295	'309240549_/_309240563'		0.2	1.9	10	0.11	0.3	1.52	0.22 Yes	0.11 Thermal Discharging
ROC090	296	'309240533_/_309240547'		0.2	1.8	10	0.11	0.3	1.5	0.22 Yes	0.11 Thermal Discharging
ROC090	297	'309240517_/_309240531'		0.2	1.8	10	0.11	0.3	1.48	0.22 Yes	0.11 Thermal Discharging
ROC090	298	'309240501_/_309240515'		0.2	1.7	10	0.11	0.3	1.47	0.22 Yes	0.11 Thermal Discharging
ROC090	299	'309240485_/_309240499'		0.2	1.7	10	0.11	0.3	1.45	0.22 Yes	0.11 Thermal Discharging
ROC090	300	'309240439_/_309240483'		0.2	1.6	10	0.11	0.3	1.43	0.22 Yes	0.11 Thermal Discharging
ROC090	301	'540601424_/_540601381_1'		0.07	0.53	3.33	0.04	0.1	0.47	0.07 Yes	0.04 Thermal Discharging
ROC090	302	'309232755_/_540601108'		0.2	1.6	10	0.11	0.3	1.41	0.22 Yes	0.11 Thermal Discharging
ROC090	303	'309232746_/_309232752'		0.2	1.6	10	0.11	0.3	1.4	0.22 Yes	0.11 Thermal Discharging
ROC090	304	'540601365_/_540601381_2'		0.07	0.53	3.33	0.04	0.1	0.46	0.07 Yes	0.04 Thermal Discharging
ROC090	305	'309232737_/_309232743'		0.2	1.5	10	0.11	0.3	1.39	0.22 Yes	0.11 Thermal Discharging
ROC090	306	'309232705_/_309232734'		0.2	1.5	10	0.11	0.3	1.37	0.22 Yes	0.11 Thermal Discharging
ROC090	307	'309232689_/_309232702'		0.2	1.5	10	0.11	0.3	1.36	0.22 Yes	0.11 Thermal Discharging
ROC090	308	'309232673_/_309232686'		0.2	1.5	10	0.11	0.3	1.35	0.22 Yes	0.11 Thermal Discharging
ROC090	309	'309232657_/_309232670'		0.2	1.4	10	0.11	0.3	1.34	0.22 Yes	0.11 Thermal Discharging
ROC090	310	'309232631_/_309232654'		0.2	1.4	10	0.11	0.3	1.33	0.22 Yes	0.11 Thermal Discharging
ROC090	311	'309232615_/_309232629'		0.1	1.4	10	0.11	0.3	1.31	0.22 Yes	0.1 Primary Over-Voltage
ROC090	312	'309232599_/_309232613'		0.1	1.4	10	0.11	0.3	1.3	0.22 Yes	0.1 Primary Over-Voltage
ROC090	313	'309232590_/_309232597'		0.1	1.4	10	0.11	0.3	1.29	0.22 Yes	0.1 Primary Over-Voltage
ROC090	314	'309232575_/_309232588'		0.1	1.4	10	0.11	0.3	1.29	0.22 Yes	0.1 Primary Over-Voltage
ROC090	315	'309232518_/_309232573'		0.1	1.4	10	0.11	0.3	1.28	0.22 Yes	0.1 Primary Over-Voltage
ROC090	316	'309281106_/_309232515'		0.1	1.3	10	0.11	0.3	1.28	0.22 Yes	0.1 Primary Over-Voltage
ROC090	317	'351961580_/_309231808_1'		0.03	0.43	3.33	0.04	0.1	0.42	0.07 Yes	0.03 Primary Over-Voltage
ROC090	318	'351961491_/_309232312_1'		0.03	0.43	3.33	0.04	0.1	0.42	0.07 Yes	0.03 Primary Over-Voltage
ROC090	319	'309232308_/_309232312_2'		0.03	0.43	3.33	0.04	0.1	0.42	0.07 Yes	0.03 Primary Over-Voltage
ROC090	320	'309232193_/_309232190'		0.1	1.3	10	0.11	0.3	1.26	0.22 Yes	0.1 Primary Over-Voltage
ROC090	321	'309232245_/_309232305'		0.03	0.43	3.33	0.04	0.1	0.42	0.07 Yes	0.03 Primary Over-Voltage
ROC090	322	'309231803_/_309231808_2'		0.03	0.43	3.33	0.04	0.1	0.42	0.07 Yes	0.03 Primary Over-Voltage
ROC090	323	'309232202_/_309232199'		0.1	1.3	10	0.11	0.3	1.26	0.22 Yes	0.1 Primary Over-Voltage
ROC090	324	'309232238_/_309232242'		0.03	0.43	3.33	0.04	0.1	0.42	0.07 Yes	0.03 Primary Over-Voltage
ROC090	325	'309231781_/_309231801'		0.03	0.43	3.33	0.04	0.1	0.42	0.07 Yes	0.03 Primary Over-Voltage
ROC090	326	'309231795_/_309232208'		0.1	1.3	10	0.11	0.3	1.25	0.22 Yes	0.1 Primary Over-Voltage
ROC090	327	'309231833_/_309232235'		0.03	0.43	3.33	0.04	0.1	0.42	0.07 Yes	0.03 Primary Over-Voltage
ROC090	328	'470560930_/_470560898'		0.03	0.43	3.33	0.04	0.1	0.42	0.07 Yes	0.03 Primary Over-Voltage
ROC090	329	'351961466_/_309231831_1'		0.03	0.43	3.33	0.04	0.1	0.42	0.07 Yes	0.03 Primary Over-Voltage
ROC090	330	'351961442_/_309231908_1'		0.03	0.43	3.33	0.04	0.1	0.42	0.07 Yes	0.03 Primary Over-Voltage
ROC090	331	'309232042_/_309232039'		0.1	1.3	10	0.11	0.3	1.25	0.22 Yes	0.1 Primary Over-Voltage
ROC090	332	'470560936_/_470560914'		0.03	0.43	3.33	0.04	0.1	0.41	0.07 Yes	0.03 Primary Over-Voltage
ROC090	333	'309231834_/_309231831_2'		0.03	0.43	3.33	0.04	0.1	0.41	0.07 Yes	0.03 Primary Over-Voltage
ROC090	334	'309231794_/_309231792'		0.1	1.3	10	0.11	0.3	1.24	0.22 Yes	0.1 Primary Over-Voltage
ROC090	335	'309231904_/_309231908_2'		0.03	0.43	3.33	0.04	0.1	0.42	0.07 Yes	0.03 Primary Over-Voltage
ROC090	336	'309231782_/_309231779'		0.03	0.43	3.33	0.04	0.1	0.41	0.07 Yes	0.03 Primary Over-Voltage
ROC090	337	'309280614_/_309231901_2'		0.03	0.43	3.33	0.04	0.1	0.42	0.07 Yes	0.03 Primary Over-Voltage
ROC090	338	'309231903_/_309231901_1'		0.03	0.43	3.33	0.04	0.1	0.42	0.07 Yes	0.03 Primary Over-Voltage
ROC090	339	'309231817_/_309231815'		0.1	1.3	10	0.11	0.3	1.24	0.22 Yes	0.1 Primary Over-Voltage
ROC090	340	'309232081_/_309232078'		0.03	0.43	3.33	0.04	0.1	0.41	0.07 Yes	0.03 Primary Over-Voltage
ROC090	341	'309231846_/_309232048'		0.1	1.3	10	0.11	0.3	1.23	0.22 Yes	0.1 Primary Over-Voltage
ROC090	342	'351961610_/_309231844_1'		0.1	1.3	10	0.11	0.2	1.23	0.22 Yes	0.1 Primary Over-Voltage
ROC090	343	'309232060_/_309232057'		0.1	1.3	10	0.11	0.3	1.23	0.22 Yes	0.1 Primary Over-Voltage
ROC090	344	'309231847_/_309231844_2'		0.1	1.3	10	0.11	0.2	1.22	0.22 Yes	0.1 Primary Over-Voltage
ROC090	345	'309232451_/_309232448'		0.03	0.43	3.33	0.04	0.1	0.41	0.07 Yes	0.03 Primary Over-Voltage
ROC091	0	'ROC091_/_309244127'		10	10	10	0.5	10	10	6.69 Yes	0.5 Thermal Discharging
ROC091	1	'309228128_/_309244127'		10	10	10	0.5	10	10	0.93 Yes	0.5 Thermal Discharging
ROC091	2	'309228129_/_309228126'		10	10	10	0.5	10	10	0.93 Yes	0.5 Thermal Discharging
ROC091	3	'309228666_/_309228663'		10	10	10	0.5	10	10	0.93 Yes	0.5 Thermal Discharging
ROC091	4	'309228682_/_309228679'		10	10	10	0.5	10	10	0.93 Yes	0.5 Thermal Discharging
ROC091	5	'466608106_/_466608103'		10	10	10	0.5	5.7	10	0.93 Yes	0.5 Thermal Discharging
ROC091	6	'309228698_/_309228695'		10	10	10	0.5	10	10	0.93 Yes	0.5 Thermal Discharging
ROC091	7	'309228714_/_309228711'		10	10	10	0.5	10	10	0.93 Yes	0.5 Thermal Discharging
ROC091	8	'309228739_/_309228736'		10	10	10	0.5	10	10	0.93 Yes	0.5 Thermal Discharging
ROC091	9	'309228755_/_309228752'		10	10	10	0.5	10	10	0.93 Yes	0.5 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over- Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
ROC091	10	'352100698_/309228812_1'	3.33	3.33	3.33	0.17	0.4	3.33	0.31 Yes	0.17	Thermal Discharging
ROC091	11	'309228822_/309228819'	10	10	10	0.5	10	10	0.93 Yes	0.5	Thermal Discharging
ROC091	12	'309228838_/309228835'	10	10	10	0.5	10	10	0.93 Yes	0.5	Thermal Discharging
ROC091	13	'309228808_/309228812_2'	3.33	3.33	3.33	0.17	0.4	3.33	0.31 Yes	0.17	Thermal Discharging
ROC091	14	'309228854_/309228851'	10	10	10	0.5	10	10	0.93 Yes	0.5	Thermal Discharging
ROC091	15	'309228870_/309228867'	10	10	10	0.5	10	10	0.93 Yes	0.5	Thermal Discharging
ROC091	16	'309228893_/309228890'	10	10	10	0.5	10	10	0.93 Yes	0.5	Thermal Discharging
ROC091	17	'309228795_/309228805'	3.33	3.33	3.33	0.17	0.4	3.33	0.31 Yes	0.17	Thermal Discharging
ROC091	18	'309228909_/309228906'	10	10	10	0.5	10	10	0.93 Yes	0.5	Thermal Discharging
ROC091	19	'309228794_/309228792'	3.33	3.33	3.33	0.17	0.4	3.33	0.31 Yes	0.17	Thermal Discharging
ROC091	20	'309228918_/309228915'	10	10	10	0.5	10	10	0.93 Yes	0.5	Thermal Discharging
ROC091	21	'309228944_/309228941'	10	10	10	0.5	10	10	0.93 Yes	0.5	Thermal Discharging
ROC091	22	'309228959_/309228956'	10	10	10	0.5	10	10	0.93 Yes	0.5	Thermal Discharging
ROC091	23	'352100680_/309228972_1'	3.33	3.33	3.33	0.17	0.4	3.33	0.31 Yes	0.17	Thermal Discharging
ROC091	24	'309228987_/309228984'	10	10	10	0.5	10	10	0.93 Yes	0.5	Thermal Discharging
ROC091	25	'309229003_/309229000'	10	10	10	0.5	10	10	0.93 Yes	0.5	Thermal Discharging
ROC091	26	'309228975_/309228972_2'	3.33	3.33	3.33	0.17	0.4	3.33	0.31 Yes	0.17	Thermal Discharging
ROC091	27	'309229026_/309231211'	10	10	10	0.5	10	10	0.93 Yes	0.5	Thermal Discharging
ROC091	28	'309229025_/309229023'	10	10	10	0.5	10	10	0.93 Yes	0.5	Thermal Discharging
ROC091	29	'309229042_/309229054'	10	10	10	0.5	10	10	0.93 Yes	0.5	Thermal Discharging
ROC091	30	'309229041_/309229039'	10	10	10	0.5	10	10	0.93 Yes	0.5	Thermal Discharging
ROC091	31	'309229083_/309229080'	10	10	10	0.5	10	10	0.93 Yes	0.5	Thermal Discharging
ROC091	32	'309229099_/309229096'	10	10	10	0.5	10	10	0.93 Yes	0.5	Thermal Discharging
ROC091	33	'309229124_/309229121'	10	10	10	0.5	10	10	0.93 Yes	0.5	Thermal Discharging
ROC091	34	'309229603_/309229601'	10	10	10	0.5	6.7	10	0.93 Yes	0.5	Thermal Discharging
ROC091	35	'309278210_/309229137_1'	10	10	10	0.5	1.2	10	0.93 Yes	0.5	Thermal Discharging
ROC091	36	'309229176_/309229173'	10	10	10	0.5	10	10	0.93 Yes	0.5	Thermal Discharging
ROC091	37	'483466580_/450379625_2'	10	10	10	0.5	8.5	10	0.93 Yes	0.5	Thermal Discharging
ROC091	38	'309229192_/309229189'	10	10	10	0.5	10	10	0.93 Yes	0.5	Thermal Discharging
ROC091	39	'309229140_/309229137_2'	10	10	10	0.5	1.2	10	0.93 Yes	0.5	Thermal Discharging
ROC091	40	'309229208_/309229205'	10	10	10	0.5	10	10	0.93 Yes	0.5	Thermal Discharging
ROC091	41	'450379606_/450379625_1'	10	10	10	0.5	1.2	10	0.93 Yes	0.5	Thermal Discharging
ROC091	42	'309229623_/309229620'	10	10	10	0.5	6.7	10	0.93 Yes	0.5	Thermal Discharging
ROC091	43	'309229224_/309229221'	10	10	10	0.5	10	10	0.93 Yes	0.5	Thermal Discharging
ROC091	44	'309229240_/309229237'	10	10	10	0.5	10	10	0.93 Yes	0.5	Thermal Discharging
ROC091	45	'450190090_/309229253'	10	10	10	0.5	10	10	0.93 Yes	0.5	Thermal Discharging
ROC091	46	'463678720_/463678774'	10	10	10	0.5	10	10	0.93 Yes	0.5	Thermal Discharging
ROC091	47	'309229256_/450190384'	10	10	10	0.5	10	10	0.93 Yes	0.5	Thermal Discharging
ROC091	48	'474767400_/463678881'	10	10	10	0.5	10	10	0.93 Yes	0.5	Thermal Discharging
ROC091	49	'462854990_/462854987'	10	10	10	0.5	10	10	0.93 Yes	0.5	Thermal Discharging
ROC091	50	'462855106_/462855013_1'	10	10	10	0.5	1.6	10	0.93 Yes	0.5	Thermal Discharging
ROC091	51	'463679006_/463678901_1'	10	10	10	0.5	1.6	10	0.93 Yes	0.5	Thermal Discharging
ROC091	52	'462855016_/462855013_2'	10	10	10	0.5	1.6	10	0.93 Yes	0.5	Thermal Discharging
ROC091	53	'463679030_/463678901_2'	10	10	10	0.5	1.6	10	0.93 Yes	0.5	Thermal Discharging
ROC091	54	'462855165_/462855033_1'	10	10	10	0.5	1.6	10	0.93 Yes	0.5	Thermal Discharging
ROC091	55	'463678904_/463678901_3'	10	10	10	0.5	1.6	10	0.93 Yes	0.5	Thermal Discharging
ROC091	56	'465619322_/462855033_2'	10	10	10	0.5	1.6	10	0.93 Yes	0.5	Thermal Discharging
ROC091	57	'463679082_/463678921_1'	10	10	10	0.5	1.6	10	0.93 Yes	0.5	Thermal Discharging
ROC091	58	'462855036_/462855033_3'	10	10	10	0.5	1.6	10	0.93 Yes	0.5	Thermal Discharging
ROC091	59	'463678924_/463678921_2'	10	10	10	0.5	1.6	10	0.93 Yes	0.5	Thermal Discharging
ROC091	60	'463678810_/463678724_1'	3.33	3.33	3.33	0.17	0.4	3.33	0.31 Yes	0.17	Thermal Discharging
ROC091	61	'309229272_/309229269'	10	10	10	0.5	10	10	0.93 Yes	0.5	Thermal Discharging
ROC091	62	'309229295_/309229292'	10	10	10	0.5	10	10	0.93 Yes	0.5	Thermal Discharging
ROC091	63	'352100509_/309229301_1'	3.33	3.33	3.33	0.17	0.4	3.33	0.31 Yes	0.17	Thermal Discharging
ROC091	64	'450190091_/463678724_2'	3.33	3.33	3.33	0.17	0.4	3.33	0.31 Yes	0.17	Thermal Discharging
ROC091	65	'309229645_/309229642'	10	10	10	0.5	6.7	10	0.93 Yes	0.5	Thermal Discharging
ROC091	66	'309229304_/309229301_2'	3.33	3.33	3.33	0.17	0.4	3.33	0.31 Yes	0.17	Thermal Discharging
ROC091	67	'450190109_/450190106'	3.33	3.33	3.33	0.17	0.4	3.33	0.31 Yes	0.17	Thermal Discharging
ROC091	68	'309229661_/309229658'	10	10	10	0.5	6.7	10	0.93 Yes	0.5	Thermal Discharging
ROC091	69	'309229311_/309229308'	3.33	3.33	3.33	0.17	0.4	3.33	0.31 Yes	0.17	Thermal Discharging
ROC091	70	'450190125_/450190122'	3.33	3.33	3.33	0.17	0.4	3.33	0.31 Yes	0.17	Thermal Discharging
ROC091	71	'309229341_/309229338'	3.33	3.33	3.33	0.17	0.4	3.33	0.31 Yes	0.17	Thermal Discharging
ROC091	72	'309229677_/309229674'	10	10	10	0.5	6.7	10	0.93 Yes	0.5	Thermal Discharging
ROC091	73	'450190141_/450190138'	3.33	3.33	3.33	0.17	0.4	3.33	0.31 Yes	0.17	Thermal Discharging
ROC091	74	'309229364_/309229361'	3.33	3.33	3.33	0.17	0.4	3.33	0.31 Yes	0.17	Thermal Discharging
ROC091	75	'450190157_/450190154'	3.33	3.33	3.33	0.17	0.4	3.33	0.31 Yes	0.17	Thermal Discharging
ROC091	76	'309229693_/309229690'	10	10	10	0.5	6.7	10	0.93 Yes	0.5	Thermal Discharging
ROC091	77	'450190173_/450190170'	3.33	3.33	3.33	0.17	0.4	3.33	0.31 Yes	0.17	Thermal Discharging
ROC091	78	'309229709_/309229706'	10	10	10	0.5	6.7	10	0.93 Yes	0.5	Thermal Discharging
ROC091	79	'309229378_/309229375'	3.33	3.33	3.33	0.17	0.4	3.33	0.31 Yes	0.17	Thermal Discharging
ROC091	80	'450190189_/450190186'	3.33	3.33	3.33	0.17	0.4	3.33	0.31 Yes	0.17	Thermal Discharging
ROC091	81	'309229767_/309229764'	10	10	10	0.5	6.7	10	0.93 Yes	0.5	Thermal Discharging
ROC091	82	'450190205_/450190202'	3.33	3.33	3.33	0.17	0.4	3.33	0.31 Yes	0.17	Thermal Discharging
ROC091	83	'309229392_/309229389'	3.33	3.33	3.33	0.17	0.4	3.33	0.31 Yes	0.17	Thermal Discharging
ROC091	84	'309229776_/309229773'	10	10	10	0.5	6.7	10	0.93 Yes	0.5	Thermal Discharging
ROC091	85	'450190221_/450190218'	3.33	3.33	3.33	0.17	0.4	3.33	0.31 Yes	0.17	Thermal Discharging
ROC091	86	'309229406_/309229403'	3.33	3.33	3.33	0.17	0.4	3.33	0.31 Yes	0.17	Thermal Discharging
ROC091	87	'450190237_/450190234'	3.33	3.33	3.33	0.17	0.4	3.33	0.31 Yes	0.17	Thermal Discharging
ROC091	88	'309229785_/309229782'	10	10	10	0.5	6.7	10	0.93 Yes	0.5	Thermal Discharging
ROC091	89	'450190253_/450190250'	3.33	3.33	3.33	0.17	0.4	3.33	0.31 Yes	0.17	Thermal Discharging
ROC091	90	'309229794_/309229791'	10	10	10	0.5	6.7	10	0.93 Yes	0.5	Thermal Discharging
ROC091	91	'309229420_/309229417'	3.33	3.33	3.33	0.17	0.4	3.33	0.31 Yes	0.17	Thermal Discharging
ROC091	92	'450190269_/450190266'	3.33	3.33	3.33	0.17	0.4	3.33	0.31 Yes	0.17	Thermal Discharging
ROC091	93	'309229803_/309229800'	10	10	10	0.5	6.7	10	0.93 Yes	0.5	Thermal Discharging
ROC091	94	'309229434_/309229431'	3.33	3.33	3.33	0.17	0.4	3.33	0.31 Yes	0.17	Thermal Discharging
ROC091	95	'309229812_/309229809'	10	10	10	0.5	6.7	10	0.93 Yes	0.5	Thermal Discharging
ROC091	96	'309229448_/309229445'	3.33	3.33	3.33	0.17	0.4	3.33	0.31 Yes	0.17	Thermal Discharging
ROC091	97	'309229821_/309229818'	10	10	10	0.5	6.7	10	0.93 Yes	0.5	Thermal Discharging
ROC091	98	'309229836_/309229834'	10	10	10	0.5	6.7	10	0.92 Yes	0.5	Thermal Discharging
ROC091	99	'309229469_/309229466'	3.33	3.33	3.33	0.17	0.4	3.33	0.31 Yes	0.17	Thermal Discharging
ROC091	100	'309229852_/309229850'	10	10	10	0.5	6.7	10	0.92 Yes	0.5	Thermal Discharging
ROC091	101	'309229483_/309229480'	3.33	3.33	3.33	0.17	0.4	3.33	0.31 Yes	0.17	Thermal Discharging
ROC091	102	'309229868_/309229866'	10	10	10	0.5	6.7	10	0.92 Yes	0.5	Thermal Discharging
ROC091	103	'309229490_/309229487'	3.33	3.33	3.33	0.17	0.4	3.33	0.31 Yes	0.17	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
ROC091	104	'309229884_/309229882'		10	10	10	0.5	6.7	10	0.92 Yes	0.5 Thermal Discharging
ROC091	105	'309229504_/309229501'		3.33	3.33	3.33	0.17	0.4	3.33	0.31 Yes	0.17 Thermal Discharging
ROC091	106	'309229900_/309229898'		10	10	10	0.5	6.7	10	0.92 Yes	0.5 Thermal Discharging
ROC091	107	'309229511_/309229508'		3.33	3.33	3.33	0.17	0.4	3.33	0.31 Yes	0.17 Thermal Discharging
ROC091	108	'309229916_/309229914'		10	10	10	0.5	6.7	10	0.92 Yes	0.5 Thermal Discharging
ROC091	109	'309229550_/309229561'		3.33	3.33	3.33	0.17	0.4	3.33	0.31 Yes	0.17 Thermal Discharging
ROC091	110	'309229935_/309229933'		10	10	10	0.5	6.7	10	0.92 Yes	0.5 Thermal Discharging
ROC091	111	'309229574_/309229571'		3.33	3.33	3.33	0.17	0.4	3.33	0.31 Yes	0.17 Thermal Discharging
ROC091	112	'309229957_/309229955'		10	10	10	0.5	6.7	10	0.92 Yes	0.5 Thermal Discharging
ROC091	113	'309229973_/309229971'		10	10	10	0.5	6.7	10	0.92 Yes	0.5 Thermal Discharging
ROC091	114	'309229989_/309229987'		10	10	10	0.5	6.7	10	0.92 Yes	0.5 Thermal Discharging
ROC091	115	'309230005_/309230003'		10	10	10	0.5	6.7	10	0.92 Yes	0.5 Thermal Discharging
ROC091	116	'309230021_/309230019'		10	10	10	0.5	6.7	10	0.92 Yes	0.5 Thermal Discharging
ROC091	117	'309230037_/309230035'		10	10	10	0.5	6.7	10	0.92 Yes	0.5 Thermal Discharging
ROC091	118	'309230053_/309230051'		10	10	10	0.5	6.7	10	0.92 Yes	0.5 Thermal Discharging
ROC091	119	'309230069_/309230067'		10	10	10	0.5	6.7	10	0.92 Yes	0.5 Thermal Discharging
ROC091	120	'309230085_/309230083'		10	10	10	0.5	6.7	10	0.92 Yes	0.5 Thermal Discharging
ROC091	121	'309230101_/309230099'		10	10	10	0.5	6.7	10	0.92 Yes	0.5 Thermal Discharging
ROC091	122	'309230117_/309230115'		10	10	10	0.5	6.7	10	0.92 Yes	0.5 Thermal Discharging
ROC091	123	'309230133_/309230131'		10	10	10	0.5	6.7	10	0.92 Yes	0.5 Thermal Discharging
ROC091	124	'309230149_/309230147'		10	10	10	0.5	6.7	10	0.92 Yes	0.5 Thermal Discharging
ROC091	125	'309230165_/309230163'		10	10	10	0.5	6.7	10	0.92 Yes	0.5 Thermal Discharging
ROC091	126	'309230181_/309230179'		10	10	10	0.5	6.7	10	0.92 Yes	0.5 Thermal Discharging
ROC091	127	'309230197_/309230195'		10	10	10	0.5	6.7	10	0.92 Yes	0.5 Thermal Discharging
ROC091	128	'309230213_/309230211'		10	10	10	0.5	6.7	10	0.92 Yes	0.5 Thermal Discharging
ROC091	129	'309230229_/309230227'		10	10	10	0.5	6.7	10	0.92 Yes	0.5 Thermal Discharging
ROC091	130	'309230245_/309230243'		10	10	10	0.5	6.7	10	0.92 Yes	0.5 Thermal Discharging
ROC091	131	'309230261_/309230259'		10	10	10	0.5	6.7	10	0.92 Yes	0.5 Thermal Discharging
ROC091	132	'309230277_/309230275'		10	10	10	0.5	6.7	10	0.92 Yes	0.5 Thermal Discharging
ROC091	133	'309230293_/309230291'		10	10	10	0.5	6.7	10	0.92 Yes	0.5 Thermal Discharging
ROC091	134	'309230309_/309230307'		10	10	10	0.5	6.7	10	0.92 Yes	0.5 Thermal Discharging
ROC091	135	'309230325_/309230323'		10	10	10	0.5	6.7	10	0.92 Yes	0.5 Thermal Discharging
ROC091	136	'309230341_/309230339'		10	10	10	0.5	6.7	10	0.92 Yes	0.5 Thermal Discharging
ROC091	137	'309230358_/309230364'		10	10	10	0.5	6.7	10	0.92 Yes	0.5 Thermal Discharging
ROC091	138	'309230357_/309230355'		10	10	10	0.5	6.7	10	0.92 Yes	0.5 Thermal Discharging
ROC091	139	'309230424_/309230421'		10	10	10	0.5	6.7	10	0.92 Yes	0.5 Thermal Discharging
ROC091	140	'309213813_/309213108'		10	10	10	0.5	6.7	10	0.92 Yes	0.5 Thermal Discharging
ROC091	141	'309213812_/309213810'		10	10	10	0.5	6.3	10	0.91 Yes	0.5 Thermal Discharging
ROC091	142	'309213821_/309213819'		10	10	10	0.5	6.3	10	0.91 Yes	0.5 Thermal Discharging
ROC091	143	'309213830_/309213828'		10	10	10	0.5	6.3	10	0.91 Yes	0.5 Thermal Discharging
ROC091	144	'309213839_/309213837'		10	10	10	0.5	6.3	10	0.91 Yes	0.5 Thermal Discharging
ROC091	145	'309213848_/309213846'		5	10	10	0.5	6.3	10	0.91 Yes	0.5 Thermal Discharging
ROC091	146	'309213857_/309213855'		4.5	10	10	0.5	6.3	10	0.91 Yes	0.5 Thermal Discharging
ROC091	147	'309213866_/309213864'		4.2	10	10	0.5	6.3	10	0.91 Yes	0.5 Thermal Discharging
ROC091	148	'309213875_/309213873'		4	10	10	0.5	6.3	10	0.91 Yes	0.5 Thermal Discharging
ROC091	149	'309213884_/309213882'		3.8	10	10	0.5	6.3	10	0.91 Yes	0.5 Thermal Discharging
ROC091	150	'309213893_/309213891'		3.6	10	10	0.5	6.3	10	0.91 Yes	0.5 Thermal Discharging
ROC091	151	'309213902_/309213900'		3.5	10	10	0.5	6.3	10	0.91 Yes	0.5 Thermal Discharging
ROC091	152	'309213911_/309213909'		3.4	10	10	0.5	6.3	10	0.91 Yes	0.5 Thermal Discharging
ROC091	153	'309213920_/309213918'		3.3	10	10	0.5	6.3	10	0.91 Yes	0.5 Thermal Discharging
ROC091	154	'309213929_/309213927'		3.2	10	10	0.5	6.3	10	0.91 Yes	0.5 Thermal Discharging
ROC091	155	'309213938_/309213936'		3.1	10	10	0.5	6.3	10	0.91 Yes	0.5 Thermal Discharging
ROC091	156	'309213947_/309213945'		3	10	10	0.5	6.3	10	0.91 Yes	0.5 Thermal Discharging
ROC091	157	'352100262_/309213954_1'		1	3.33	3.33	0.17	0.4	3.33	0.3 Yes	0.17 Thermal Discharging
ROC091	158	'309213957_/309213954_2'		1	3.33	3.33	0.17	0.4	3.33	0.3 Yes	0.17 Thermal Discharging
ROC091	159	'309213963_/309213961'		2.9	10	10	0.5	6.3	10	0.91 Yes	0.5 Thermal Discharging
ROC091	160	'309214993_/309215004'		1	3.33	3.33	0.17	0.4	3.33	0.3 Yes	0.17 Thermal Discharging
ROC091	161	'309214994_/309214991'		0.97	3.33	3.33	0.17	0.4	3.33	0.3 Yes	0.17 Thermal Discharging
ROC091	162	'309213972_/309213970'		2.9	10	10	0.5	6.3	10	0.91 Yes	0.5 Thermal Discharging
ROC091	163	'352100236_/309214048_1'		0.97	3.33	3.33	0.17	0.4	3.33	0.3 Yes	0.17 Thermal Discharging
ROC091	164	'309214980_/309215287'		0.97	3.33	3.33	0.17	0.4	3.33	0.3 Yes	0.17 Thermal Discharging
ROC091	165	'405300048_/391325495_2'		0.97	3.33	3.33	0.17	0.4	3.33	0.3 Yes	0.17 Thermal Discharging
ROC091	166	'309214986_/309214984'		0.93	3.33	3.33	0.17	0.4	3.33	0.3 Yes	0.17 Thermal Discharging
ROC091	167	'309213990_/309213979'		2.8	10	10	0.5	6.3	10	0.91 Yes	0.5 Thermal Discharging
ROC091	168	'309215303_/309215300'		0.93	3.33	3.33	0.17	0.4	3.33	0.3 Yes	0.17 Thermal Discharging
ROC091	169	'309214051_/309214048_2'		0.97	3.33	3.33	0.17	0.4	3.33	0.3 Yes	0.17 Thermal Discharging
ROC091	170	'309215440_/391325495_1'		0.93	3.33	3.33	0.17	0.2	3.33	0.3 Yes	0.17 Thermal Discharging
ROC091	171	'309214058_/309214055'		0.97	3.33	3.33	0.17	0.4	3.33	0.3 Yes	0.17 Thermal Discharging
ROC091	172	'309213999_/309213997'		2.7	10	10	0.5	6.3	10	0.91 Yes	0.5 Thermal Discharging
ROC091	173	'309215310_/309215307'		0.9	3.33	3.33	0.17	0.4	3.33	0.3 Yes	0.17 Thermal Discharging
ROC091	174	'309214065_/309214062'		0.97	3.33	3.33	0.17	0.4	3.33	0.3 Yes	0.17 Thermal Discharging
ROC091	175	'309215667_/309215664'		0.9	3.33	3.33	0.17	0.4	3.33	0.3 Yes	0.17 Thermal Discharging
ROC091	176	'309214008_/309214006'		2.7	10	10	0.5	6.3	10	0.91 Yes	0.5 Thermal Discharging
ROC091	177	'309214072_/309214069'		0.97	3.33	3.33	0.17	0.4	3.33	0.3 Yes	0.17 Thermal Discharging
ROC091	178	'309215343_/309215677'		0.9	3.33	3.33	0.17	0.4	3.33	0.3 Yes	0.17 Thermal Discharging
ROC091	179	'352100299_/309215341_1'		0.9	3.33	3.33	0.17	0.2	3.33	0.3 Yes	0.17 Thermal Discharging
ROC091	180	'309214026_/309214024'		2.6	10	10	0.5	6.3	10	0.91 Yes	0.5 Thermal Discharging
ROC091	181	'309214079_/309214076'		0.97	3.33	3.33	0.17	0.4	3.33	0.3 Yes	0.17 Thermal Discharging
ROC091	182	'309215428_/391325460'		0.87	3.33	3.33	0.17	0.2	3.33	0.3 Yes	0.17 Thermal Discharging
ROC091	183	'309214035_/309214033'		2.5	10	10	0.5	6.3	10	0.91 Yes	0.5 Thermal Discharging
ROC091	184	'309215344_/309215341_2'		0.83	3.33	3.33	0.17	0.2	3.33	0.3 Yes	0.17 Thermal Discharging
ROC091	185	'309217545_/309214439'		2.5	10	10	0.5	6.3	10	0.91 Yes	0.5 Thermal Discharging
ROC091	186	'309215416_/309215425'		0.83	3.33	3.33	0.17	0.2	3.33	0.3 Yes	0.17 Thermal Discharging
ROC091	187	'309221041_/309221038'		2.4	10	10	0.5	6.3	10	0.91 Yes	0.5 Thermal Discharging
ROC091	188	'309215403_/309215413'		0.8	3.33	3.33	0.17	0.2	3.33	0.3 Yes	0.17 Thermal Discharging
ROC091	189	'309213709_/309217517'		2.4	10	10	0.5	6.3	10	0.91 Yes	0.5 Thermal Discharging
ROC091	190	'309215356_/309215353'		0.8	3.33	3.33	0.17	0.2	3.33	0.3 Yes	0.17 Thermal Discharging
ROC091	191	'423460716_/309216976_1'		2.4	10	10	0.5	1.2	10	0.91 Yes	0.5 Thermal Discharging
ROC091	192	'352099890_/309213707_1'		2.4	10	10	0.5	1.2	10	0.91 Yes	0.5 Thermal Discharging
ROC091	193	'423460691_/309216976_2'		2.4	10	10	0.5	1.2	10	0.91 Yes	0.5 Thermal Discharging
ROC091	194	'309213710_/309213707_2'		2.4	10	10	0.5	1.2	10	0.91 Yes	0.5 Thermal Discharging
ROC091	195	'309213719_/309213716'		2.4	10	10	0.5	1.2	10	0.91 Yes	0.5 Thermal Discharging
ROC091	196	'309216978_/423460695'		2.4	10	10	0.5	1.2	10	0.91 Yes	0.5 Thermal Discharging
ROC091	197	'309217485_/309217508'		2.4	10	10	0.5	6.3	10	0.91 Yes	0.5 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
ROC091	198	'309221003_/_309221056'		2.4	10	10	0.5	6.3	10	0.91 Yes	0.5 Thermal Discharging
ROC091	199	'427141267_/_309217423'		0.8	3.33	3.33	0.17	0.4	3.33	0.3 Yes	0.17 Thermal Discharging
ROC091	200	'309213728_/_309213725'		2.4	10	10	0.5	1.2	10	0.91 Yes	0.5 Thermal Discharging
ROC091	201	'309215392_/_309215401'		0.77	3.33	3.33	0.17	0.2	3.33	0.3 Yes	0.17 Thermal Discharging
ROC091	202	'309215368_/_321701358'		0.77	3.33	3.33	0.17	0.2	3.33	0.3 Yes	0.17 Thermal Discharging
ROC091	203	'309218480_/_309218477'		2.4	10	10	0.5	1.2	10	0.91 Yes	0.5 Thermal Discharging
ROC091	204	'309217467_/_309217482'		2.4	10	10	0.5	6.3	10	0.91 Yes	0.5 Thermal Discharging
ROC091	205	'309267468_/_309215377_1'		0.77	3.33	3.33	0.17	0.2	3.33	0.3 Yes	0.17 Thermal Discharging
ROC091	206	'309217426_/_427141269'		0.8	3.33	3.33	0.17	0.4	3.33	0.3 Yes	0.17 Thermal Discharging
ROC091	207	'309213737_/_309213734'		2.4	10	10	0.5	1.2	10	0.91 Yes	0.5 Thermal Discharging
ROC091	208	'309220980_/_309221001'		2.3	10	10	0.5	6.3	10	0.91 Yes	0.5 Thermal Discharging
ROC091	209	'309213753_/_309213750'		2.3	10	10	0.5	1.2	10	0.91 Yes	0.5 Thermal Discharging
ROC091	210	'309216990_/_309217464'		2.3	10	10	0.5	6.3	10	0.91 Yes	0.5 Thermal Discharging
ROC091	211	'309221088_/_309221085'		0.77	3.33	3.33	0.17	2.1	3.33	0.3 Yes	0.17 Thermal Discharging
ROC091	212	'309215380_/_309215389'		0.77	3.33	3.33	0.17	0.2	3.33	0.3 Yes	0.17 Thermal Discharging
ROC091	213	'309216927_/_309218485'		1.53	6.67	6.67	0.33	0.8	6.67	0.6 Yes	0.33 Thermal Discharging
ROC091	214	'309217400_/_309217436'		0.8	3.33	3.33	0.17	0.4	3.33	0.3 Yes	0.17 Thermal Discharging
ROC091	215	'309213746_/_309213743'		0.77	3.33	3.33	0.17	0.4	3.33	0.3 Yes	0.17 Thermal Discharging
ROC091	216	'352099768_/_309216924_1'		0.77	3.33	3.33	0.17	0.2	3.33	0.3 Yes	0.17 Thermal Discharging
ROC091	217	'309213762_/_309213759'		2.3	10	10	0.5	1.2	10	0.9 Yes	0.5 Thermal Discharging
ROC091	218	'309267205_/_309213768_1'		2.3	10	10	0.5	1.2	10	0.9 Yes	0.5 Thermal Discharging
ROC091	219	'309221067_/_309221098'		0.77	3.33	3.33	0.17	2.1	3.33	0.3 Yes	0.17 Thermal Discharging
ROC091	220	'309213771_/_309213768_2'		2.3	10	10	0.5	1.2	10	0.9 Yes	0.5 Thermal Discharging
ROC091	221	'405593452_/_309221072'		0.77	3.33	3.33	0.17	1.9	3.33	0.3 Yes	0.17 Thermal Discharging
ROC091	222	'309216935_/_309217398'		0.8	3.33	3.33	0.17	0.4	3.33	0.3 Yes	0.17 Thermal Discharging
ROC091	223	'309217668_/_309217665'		1.53	6.67	6.67	0.33	0.8	6.67	0.6 Yes	0.33 Thermal Discharging
ROC091	224	'309220953_/_309220978'		2.3	10	10	0.5	6.3	10	0.9 Yes	0.5 Thermal Discharging
ROC091	225	'309216926_/_309216924_2'		0.77	3.33	3.33	0.17	0.2	3.33	0.3 Yes	0.17 Thermal Discharging
ROC091	226	'352080394_/_309220765_1'		2.3	10	10	0.5	1.2	10	0.9 Yes	0.5 Thermal Discharging
ROC091	227	'352080387_/_309220951_2'		2.3	10	10	0.5	6.2	10	0.9 Yes	0.5 Thermal Discharging
ROC091	228	'309216989_/_309216987'		2.3	10	10	0.5	6.3	10	0.9 Yes	0.5 Thermal Discharging
ROC091	229	'309221068_/_309221065'		0.77	3.33	3.33	0.17	1.9	3.33	0.3 Yes	0.17 Thermal Discharging
ROC091	230	'309220713_/_309220765_2'		2.2	10	10	0.5	1.2	10	0.9 Yes	0.5 Thermal Discharging
ROC091	231	'309213604_/_309231667'		0.77	3.33	3.33	0.17	2.1	3.33	0.3 Yes	0.17 Thermal Discharging
ROC091	232	'309221075_/_405593454'		0.77	3.33	3.33	0.17	1.9	3.33	0.3 Yes	0.17 Thermal Discharging
ROC091	233	'309267159_/_309213602_1'		0.77	3.33	3.33	0.17	0.4	3.33	0.3 Yes	0.17 Thermal Discharging
ROC091	234	'309216936_/_309216933'		0.8	3.33	3.33	0.17	0.4	3.33	0.3 Yes	0.17 Thermal Discharging
ROC091	235	'316350054_/_316350056'		2.2	10	10	0.5	6.1	10	0.9 Yes	0.5 Thermal Discharging
ROC091	236	'309217240_/_309218095'		2.2	10	10	0.5	6.3	10	0.9 Yes	0.5 Thermal Discharging
ROC091	237	'309220714_/_309220711'		2.2	10	10	0.5	1.2	10	0.9 Yes	0.5 Thermal Discharging
ROC091	238	'309217676_/_309217673'		1.47	6.67	6.67	0.33	0.8	6.67	0.6 Yes	0.33 Thermal Discharging
ROC091	239	'309221195_/_309221192'		0.77	3.33	3.33	0.17	1.9	3.33	0.3 Yes	0.17 Thermal Discharging
ROC091	240	'352100000_/_309217238_1'		0.73	3.33	3.33	0.17	0.4	3.33	0.3 Yes	0.17 Thermal Discharging
ROC091	241	'309220954_/_309220951_1'		2.2	10	10	0.5	1.3	10	0.9 Yes	0.5 Thermal Discharging
ROC091	242	'309217366_/_309217658'		0.8	3.33	3.33	0.17	0.4	3.33	0.3 Yes	0.17 Thermal Discharging
ROC091	243	'309221202_/_309221199'		0.77	3.33	3.33	0.17	1.9	3.33	0.3 Yes	0.17 Thermal Discharging
ROC091	244	'309220695_/_309220726'		2.2	10	10	0.5	1.2	10	0.9 Yes	0.5 Thermal Discharging
ROC091	245	'309215127_/_309215147'		2.2	10	10	0.5	6.1	10	0.9 Yes	0.5 Thermal Discharging
ROC091	246	'309213786_/_309213783'		2.2	10	10	0.5	1.2	10	0.9 Yes	0.5 Thermal Discharging
ROC091	247	'309217761_/_309218117'		1.47	6.67	6.67	0.33	0.8	6.67	0.6 Yes	0.33 Thermal Discharging
ROC091	248	'309217934_/_309217931'		0.73	3.33	3.33	0.17	0.4	3.33	0.3 Yes	0.17 Thermal Discharging
ROC091	249	'309217008_/_309217238_2'		0.73	3.33	3.33	0.17	0.4	3.33	0.3 Yes	0.17 Thermal Discharging
ROC091	250	'309215140_/_309215138'		2.2	10	10	0.5	6.1	10	0.9 Yes	0.5 Thermal Discharging
ROC091	251	'309220696_/_309220693'		2.2	10	10	0.5	1.2	10	0.9 Yes	0.5 Thermal Discharging
ROC091	252	'309220945_/_309220966'		2.2	10	10	0.5	1.3	10	0.9 Yes	0.5 Thermal Discharging
ROC091	253	'309213605_/_309213602_2'		0.77	3.33	3.33	0.17	0.4	3.33	0.3 Yes	0.17 Thermal Discharging
ROC091	254	'309215128_/_309215125'		0.73	3.33	3.33	0.17	2	3.33	0.3 Yes	0.17 Thermal Discharging
ROC091	255	'309216970_/_309217759'		1.47	6.67	6.67	0.33	0.8	6.67	0.6 Yes	0.33 Thermal Discharging
ROC091	256	'309220644_/_309220702'		2.2	10	10	0.5	1.2	10	0.9 Yes	0.5 Thermal Discharging
ROC091	257	'309215167_/_309215165'		2.2	10	10	0.5	6.1	10	0.9 Yes	0.5 Thermal Discharging
ROC091	258	'309217367_/_309217364'		0.8	3.33	3.33	0.17	0.4	3.33	0.3 Yes	0.17 Thermal Discharging
ROC091	259	'309215626_/_309220942'		2.1	10	10	0.5	1.3	10	0.9 Yes	0.5 Thermal Discharging
ROC091	260	'309217039_/_309218080'		2.2	10	10	0.5	6.3	10	0.9 Yes	0.5 Thermal Discharging
ROC091	261	'309217947_/_309217944'		0.73	3.33	3.33	0.17	0.4	3.33	0.3 Yes	0.17 Thermal Discharging
ROC091	262	'309280064_/_309215623_1'		1.4	6.67	6.67	0.33	0.8	6.67	0.6 Yes	0.33 Thermal Discharging
ROC091	263	'352100034_/_309217037_1'		2.2	10	10	0.5	1.2	10	0.9 Yes	0.5 Thermal Discharging
ROC091	264	'309213591_/_309231683'		2.2	10	10	0.5	6.3	10	0.9 Yes	0.5 Thermal Discharging
ROC091	265	'309215183_/_309215180'		2.1	10	10	0.5	6.1	10	0.9 Yes	0.5 Thermal Discharging
ROC091	266	'309220645_/_309220642'		2.1	10	10	0.5	1.2	10	0.9 Yes	0.5 Thermal Discharging
ROC091	267	'309215612_/_309215623_2'		1.4	6.67	6.67	0.33	0.8	6.67	0.6 Yes	0.33 Thermal Discharging
ROC091	268	'309217248_/_309231674'		2.2	10	10	0.5	6.3	10	0.9 Yes	0.5 Thermal Discharging
ROC091	269	'309215495_/_309215505'		0.7	3.33	3.33	0.17	2	3.33	0.3 Yes	0.17 Thermal Discharging
ROC091	270	'309217021_/_309217037_2'		2.1	10	10	0.5	1.2	10	0.9 Yes	0.5 Thermal Discharging
ROC091	271	'309216971_/_309216968'		1.4	6.67	6.67	0.33	0.8	6.67	0.6 Yes	0.33 Thermal Discharging
ROC091	272	'309217995_/_309218013'		0.77	3.33	3.33	0.17	0.4	3.33	0.3 Yes	0.17 Thermal Discharging
ROC091	273	'352100095_/_309217245_1'		2.1	10	10	0.5	1.4	10	0.9 Yes	0.5 Thermal Discharging
ROC091	274	'352099601_/_309217786_1'		0.7	3.33	3.33	0.17	0.4	3.33	0.3 Yes	0.17 Thermal Discharging
ROC091	275	'309220606_/_309220657'		2.1	10	10	0.5	1.2	10	0.9 Yes	0.5 Thermal Discharging
ROC091	276	'352079704_/_352079706'		2.1	10	10	0.5	1.3	10	0.9 Yes	0.5 Thermal Discharging
ROC091	277	'309270671_/_309217793_1'		0.7	3.33	3.33	0.17	0.4	3.33	0.3 Yes	0.17 Thermal Discharging
ROC091	278	'309217009_/_309217006'		0.73	3.33	3.33	0.17	0.4	3.33	0.3 Yes	0.17 Thermal Discharging
ROC091	279	'309217796_/_309217793_2'		0.7	3.33	3.33	0.17	0.4	3.33	0.3 Yes	0.17 Thermal Discharging
ROC091	280	'309220777_/_309220774'		0.73	3.33	3.33	0.17	0.4	3.33	0.3 Yes	0.17 Thermal Discharging
ROC091	281	'309217022_/_309217019'		2.1	10	10	0.5	1.2	10	0.9 Yes	0.5 Thermal Discharging
ROC091	282	'309215578_/_309215609'		1.4	6.67	6.67	0.33	0.8	6.67	0.6 Yes	0.33 Thermal Discharging
ROC091	283	'309216469_/_309218071'		2.1	10	10	0.5	6.3	10	0.9 Yes	0.5 Thermal Discharging
ROC091	284	'309217996_/_309217993'		0.77	3.33	3.33	0.17	0.4	3.33	0.3 Yes	0.17 Thermal Discharging
ROC091	285	'309269306_/_309289745_1'		2.1	10	10	0.5	1.2	10	0.9 Yes	0.5 Thermal Discharging
ROC091	286	'444457079_/_309220604'		2.1	10	10	0.5	1.2	10	0.9 Yes	0.5 Thermal Discharging
ROC091	287	'309213590_/_309213588'		0.73	3.33	3.33	0.17	2.1	3.33	0.3 Yes	0.17 Thermal Discharging
ROC091	288	'309215494_/_309215492'		0.7	3.33	3.33	0.17	2	3.33	0.3 Yes	0.17 Thermal Discharging
ROC091	289	'309215577_/_309215575'		0.7	3.33	3.33	0.17	0.4	3.33	0.3 Yes	0.17 Thermal Discharging
ROC091	290	'309217803_/_309217800'		0.7	3.33	3.33	0.17	0.4	3.33	0.3 Yes	0.17 Thermal Discharging
ROC091	291	'352079724_/_352079726'		2.1	10	10	0.5	1.3	10	0.9 Yes	0.5 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
ROC091	292	'309218023_309218020'		0.77	3.33	3.33	0.17	0.4	3.33	0.3 Yes	0.17 Thermal Discharging
ROC091	293	'309217776_309217786_2'		0.7	3.33	3.33	0.17	0.4	3.33	0.3 Yes	0.17 Thermal Discharging
ROC091	294	'309216470_309216467'		2.1	10	10	0.5	6.3	10	0.9 Yes	0.5 Thermal Discharging
ROC091	295	'309220544_309220541'		2.1	10	10	0.5	1.2	10	0.9 Yes	0.5 Thermal Discharging
ROC091	296	'461220411_461220451'		0.77	3.33	3.33	0.17	0.4	3.33	0.3 Yes	0.17 Thermal Discharging
ROC091	297	'309220784_309220781'		0.73	3.33	3.33	0.17	0.4	3.33	0.3 Yes	0.17 Thermal Discharging
ROC091	298	'309218003_309218000'		0.77	3.33	3.33	0.17	0.4	3.33	0.3 Yes	0.17 Thermal Discharging
ROC091	299	'449069833_449069711_1'		2.1	10	10	0.5	0.8	10	0.9 Yes	0.5 Thermal Discharging
ROC091	300	'309217057_309289745_2'		2.1	10	10	0.5	1.2	10	0.9 Yes	0.5 Thermal Discharging
ROC091	301	'490755446_490755450'		2.1	10	10	0.5	6.3	10	0.9 Yes	0.5 Thermal Discharging
ROC091	302	'309269436_309217055_1'		2.1	10	10	0.5	1.4	10	0.9 Yes	0.5 Thermal Discharging
ROC091	303	'309218621_444457539'		2.1	10	10	0.5	1.2	10	0.9 Yes	0.5 Thermal Discharging
ROC091	304	'309217073_309217245_2'		2.1	10	10	0.5	1.4	10	0.9 Yes	0.5 Thermal Discharging
ROC091	305	'319211283_319211285'		2.1	10	10	0.5	1.3	10	0.9 Yes	0.5 Thermal Discharging
ROC091	306	'490755509_490755499_2'		0.7	3.33	3.33	0.17	2.1	3.33	0.3 Yes	0.17 Thermal Discharging
ROC091	307	'309217835_309217832'		0.73	3.33	3.33	0.17	0.4	3.33	0.3 Yes	0.17 Thermal Discharging
ROC091	308	'309220528_309220550'		2.1	10	10	0.5	1.2	10	0.9 Yes	0.5 Thermal Discharging
ROC091	309	'309217058_309217070'		2.1	10	10	0.5	1.4	10	0.9 Yes	0.5 Thermal Discharging
ROC091	310	'449069692_449069711_2'		2	10	10	0.5	0.8	10	0.9 Yes	0.5 Thermal Discharging
ROC091	311	'309217775_309217773'		0.73	3.33	3.33	0.17	0.4	3.33	0.3 Yes	0.17 Thermal Discharging
ROC091	312	'309220797_309220794'		0.73	3.33	3.33	0.17	0.4	3.33	0.3 Yes	0.17 Thermal Discharging
ROC091	313	'309269121_490755499_1'		0.7	3.33	3.33	0.17	0.4	3.33	0.3 Yes	0.17 Thermal Discharging
ROC091	314	'309218053_309218050'		0.77	3.33	3.33	0.17	0.4	3.33	0.3 Yes	0.17 Thermal Discharging
ROC091	315	'309217653_309217845'		0.73	3.33	3.33	0.17	0.4	3.33	0.3 Yes	0.17 Thermal Discharging
ROC091	316	'461220432_461220469'		0.77	3.33	3.33	0.17	0.4	3.33	0.3 Yes	0.17 Thermal Discharging
ROC091	317	'309220932_309231643'		2	10	10	0.5	1.3	10	0.9 Yes	0.5 Thermal Discharging
ROC091	318	'309219753_309219750'		2	10	10	0.5	1.2	10	0.9 Yes	0.5 Thermal Discharging
ROC091	319	'309219517_309220526'		2	10	10	0.5	1.2	10	0.9 Yes	0.5 Thermal Discharging
ROC091	320	'432932553_432932446_1'		2	10	10	0.5	0.8	10	0.9 Yes	0.5 Thermal Discharging
ROC091	321	'432932505_432932446_2'		2	10	10	0.5	0.8	10	0.9 Yes	0.5 Thermal Discharging
ROC091	322	'309220804_309220801'		0.73	3.33	3.33	0.17	0.4	3.33	0.3 Yes	0.17 Thermal Discharging
ROC091	323	'309218498_309218509'		0.73	3.33	3.33	0.17	0.4	3.33	0.3 Yes	0.17 Thermal Discharging
ROC091	324	'309218060_309218057'		0.73	3.33	3.33	0.17	0.4	3.33	0.3 Yes	0.17 Thermal Discharging
ROC091	325	'309218561_309219765'		2	10	10	0.5	1.2	10	0.9 Yes	0.5 Thermal Discharging
ROC091	326	'309217654_309217651'		0.73	3.33	3.33	0.17	0.4	3.33	0.3 Yes	0.17 Thermal Discharging
ROC091	327	'309219518_309219515'		2	10	10	0.5	1.2	10	0.9 Yes	0.5 Thermal Discharging
ROC091	328	'352099501_309231508_1'		0.73	3.33	3.33	0.17	0.2	3.33	0.3 Yes	0.17 Thermal Discharging
ROC091	329	'309218499_309218496'		0.73	3.33	3.33	0.17	0.4	3.33	0.3 Yes	0.17 Thermal Discharging
ROC091	330	'309220933_309220930'		2	10	10	0.5	1.3	10	0.9 Yes	0.5 Thermal Discharging
ROC091	331	'309219533_309219530'		2	10	10	0.5	1.2	10	0.9 Yes	0.5 Thermal Discharging
ROC091	332	'455011489_309222809'		2	10	10	0.5	1.2	10	0.9 Yes	0.5 Thermal Discharging
ROC091	333	'455011792_455011704_1'		2	10	10	0.5	0.8	10	0.9 Yes	0.5 Thermal Discharging
ROC091	334	'309231530_309231527'		0.73	3.33	3.33	0.17	0.4	3.33	0.3 Yes	0.17 Thermal Discharging
ROC091	335	'309225187_309225184'		2	10	10	0.5	1.3	10	0.9 Yes	0.5 Thermal Discharging
ROC091	336	'309219447_309231508_2'		0.73	3.33	3.33	0.17	0.2	3.33	0.3 Yes	0.17 Thermal Discharging
ROC091	337	'461220638_461220487'		0.73	3.33	3.33	0.17	0.4	3.33	0.3 Yes	0.17 Thermal Discharging
ROC091	338	'309216957_309218064'		0.73	3.33	3.33	0.17	0.4	3.33	0.3 Yes	0.17 Thermal Discharging
ROC091	339	'309216919_309231541'		0.73	3.33	3.33	0.17	0.4	3.33	0.3 Yes	0.17 Thermal Discharging
ROC091	340	'756650855_647803720'		0.7	3.33	3.33	0.17	0.4	3.33	0.3 Yes	0.17 Thermal Discharging
ROC091	341	'309219448_309219445'		0.73	3.33	3.33	0.17	0.2	3.33	0.3 Yes	0.17 Thermal Discharging
ROC091	342	'309216214_309225193'		1.9	10	10	0.5	1.3	10	0.9 Yes	0.5 Thermal Discharging
ROC091	343	'309280042_309216211_2'		1.9	10	10	0.5	1.3	10	0.9 Yes	0.5 Thermal Discharging
ROC091	344	'309218528_455011704_2'		1.9	10	10	0.5	0.8	10	0.9 Yes	0.5 Thermal Discharging
ROC091	345	'309216920_309216917'		0.73	3.33	3.33	0.17	0.4	3.33	0.3 Yes	0.17 Thermal Discharging
ROC091	346	'309216481_309231715'		2	10	10	0.5	6.3	10	0.9 Yes	0.5 Thermal Discharging
ROC091	347	'341626941_309217870_1'		0.73	3.33	3.33	0.17	0.2	3.33	0.3 Yes	0.17 Thermal Discharging
ROC091	348	'309216948_309216955'		0.73	3.33	3.33	0.17	0.4	3.33	0.3 Yes	0.17 Thermal Discharging
ROC091	349	'482923347_490755356_1'		0.73	3.33	3.33	0.17	0.4	3.33	0.3 Yes	0.17 Thermal Discharging
ROC091	350	'309269143_756650880'		0.7	3.33	3.33	0.17	0.4	3.33	0.3 Yes	0.17 Thermal Discharging
ROC091	351	'309216168_309216211_1'		1.9	10	10	0.5	1.2	10	0.9 Yes	0.5 Thermal Discharging
ROC091	352	'309216949_490755356_2'		0.73	3.33	3.33	0.17	0.4	3.33	0.3 Yes	0.17 Thermal Discharging
ROC091	353	'309223115_309223112'		1.9	10	10	0.5	1.3	10	0.9 Yes	0.5 Thermal Discharging
ROC091	354	'309216482_309216479'		2	10	10	0.5	6.3	10	0.9 Yes	0.5 Thermal Discharging
ROC091	355	'309217873_309217870_2'		0.73	3.33	3.33	0.17	0.2	3.33	0.3 Yes	0.17 Thermal Discharging
ROC091	356	'309216498_309216495'		0.67	3.33	3.33	0.17	2.1	3.33	0.3 Yes	0.17 Thermal Discharging
ROC091	357	'309216159_309216165'		1.9	10	10	0.5	1.2	10	0.9 Yes	0.5 Thermal Discharging
ROC091	358	'309217880_309217877'		0.73	3.33	3.33	0.17	0.2	3.33	0.3 Yes	0.17 Thermal Discharging
ROC091	359	'309223624_309223669'		1.9	10	10	0.5	1.3	10	0.9 Yes	0.5 Thermal Discharging
ROC091	360	'309216150_309216156'		1.9	10	10	0.5	1.2	10	0.9 Yes	0.5 Thermal Discharging
ROC091	361	'466297694_466297793'		0.7	3.33	3.33	0.17	0.4	3.33	0.3 Yes	0.17 Thermal Discharging
ROC091	362	'309216505_309216502'		0.67	3.33	3.33	0.17	2.1	3.33	0.3 Yes	0.17 Thermal Discharging
ROC091	363	'309216149_309216147'		1.9	10	10	0.5	1.2	10	0.9 Yes	0.5 Thermal Discharging
ROC091	364	'309217893_309217890'		0.7	3.33	3.33	0.17	0.2	3.33	0.3 Yes	0.17 Thermal Discharging
ROC091	365	'309268739_309216220_2'		0.63	3.33	3.33	0.17	0.4	3.33	0.3 Yes	0.17 Thermal Discharging
ROC091	366	'309269173_647803735'		0.7	3.33	3.33	0.17	0.4	3.33	0.3 Yes	0.17 Thermal Discharging
ROC091	367	'309223681_309223678'		1.9	10	10	0.5	1.3	10	0.9 Yes	0.5 Thermal Discharging
ROC091	368	'309230386_309230383'		0.67	3.33	3.33	0.17	2.1	3.33	0.3 Yes	0.17 Thermal Discharging
ROC091	369	'309216138_309216220_1'		0.63	3.33	3.33	0.17	0.2	3.33	0.3 Yes	0.17 Thermal Discharging
ROC091	370	'309223625_309223622'		1.9	10	10	0.5	1.3	10	0.9 Yes	0.5 Thermal Discharging
ROC091	371	'309215464_309216180'		1.9	10	10	0.5	1.2	10	0.9 Yes	0.5 Thermal Discharging
ROC091	372	'309216512_309216509'		0.67	3.33	3.33	0.17	2.1	3.33	0.3 Yes	0.17 Thermal Discharging
ROC091	373	'309223696_309223693'		1.9	10	10	0.5	1.3	10	0.9 Yes	0.5 Thermal Discharging
ROC091	374	'466297757_466297811'		0.7	3.33	3.33	0.17	0.4	3.33	0.3 Yes	0.17 Thermal Discharging
ROC091	375	'352100140_309289602_1'		0.67	3.33	3.33	0.17	0.4	3.33	0.3 Yes	0.17 Thermal Discharging
ROC091	376	'352100153_309231744_1'		0.67	3.33	3.33	0.17	0.4	3.33	0.3 Yes	0.17 Thermal Discharging
ROC091	377	'309217924_309217921'		0.7	3.33	3.33	0.17	0.2	3.33	0.3 Yes	0.17 Thermal Discharging
ROC091	378	'309216519_309216516'		0.67	3.33	3.33	0.17	2.1	3.33	0.3 Yes	0.17 Thermal Discharging
ROC091	379	'309269245_490755375'		0.7	3.33	3.33	0.17	0.4	3.33	0.3 Yes	0.17 Thermal Discharging
ROC091	380	'309215989_309225075'		1.8	10	10	0.5	1.3	10	0.9 Yes	0.5 Thermal Discharging
ROC091	381	'761743342_309231744_2'		0.67	3.33	3.33	0.17	0.4	3.33	0.3 Yes	0.17 Thermal Discharging
ROC091	382	'309226796_309226793'		0.7	3.33	3.33	0.17	0.2	3.33	0.3 Yes	0.17 Thermal Discharging
ROC091	383	'309223705_309223702'		1.8	10	10	0.5	1.3	10	0.9 Yes	0.5 Thermal Discharging
ROC091	384	'467483873_309223711'		1.8	10	10	0.5	1.3	10	0.9 Yes	0.5 Thermal Discharging
ROC091	385	'467483929_459927982_2'		1.8	10	10	0.5	1.3	10	0.9 Yes	0.5 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
ROC091	386	'309223101_/_309225084'	1.8	10	10	0.5	1.3	10	0.9 Yes	0.5	Thermal Discharging
ROC091	387	'351962331_/_309231631_1'	1.8	10	10	0.5	1.2	10	0.9 Yes	0.5	Thermal Discharging
ROC091	388	'309214464_/_309215461'	1.8	10	10	0.5	1.2	10	0.9 Yes	0.5	Thermal Discharging
ROC091	389	'309216526_/_309216523'	0.67	3.33	3.33	0.17	2.1	3.33	0.3 Yes	0.17	Thermal Discharging
ROC091	390	'352079552_/_309231607_1'	0.6	3.33	3.33	0.17	0.2	3.33	0.3 Yes	0.17	Thermal Discharging
ROC091	391	'467483904_/_459927982_1'	1.8	10	10	0.5	1.2	10	0.9 Yes	0.5	Thermal Discharging
ROC091	392	'309231747_/_761743364'	0.67	3.33	3.33	0.17	0.4	3.33	0.3 Yes	0.17	Thermal Discharging
ROC091	393	'309215988_/_309215986'	0.6	3.33	3.33	0.17	0.43	3.33	0.3 Yes	0.17	Thermal Discharging
ROC091	394	'466297715_/_466297829'	0.67	3.33	3.33	0.17	0.4	3.33	0.3 Yes	0.17	Thermal Discharging
ROC091	395	'309216099_/_309231631_2'	1.8	10	10	0.5	1.2	10	0.9 Yes	0.5	Thermal Discharging
ROC091	396	'309222891_/_467483875'	1.8	10	10	0.5	1.3	10	0.9 Yes	0.5	Thermal Discharging
ROC091	397	'309215968_/_309216135'	0.6	3.33	3.33	0.17	0.2	3.33	0.3 Yes	0.17	Thermal Discharging
ROC091	398	'445381294_/_445381313'	1.8	10	10	0.5	1.3	10	0.9 Yes	0.5	Thermal Discharging
ROC091	399	'445381295_/_309222889'	1.8	10	10	0.5	1.3	10	0.9 Yes	0.5	Thermal Discharging
ROC091	400	'309216090_/_309216096'	1.8	10	10	0.5	1.2	10	0.9 Yes	0.5	Thermal Discharging
ROC091	401	'309269326_/_309216530_1'	0.67	3.33	3.33	0.17	0.4	3.33	0.3 Yes	0.17	Thermal Discharging
ROC091	402	'309215969_/_309215966'	0.6	3.33	3.33	0.17	0.2	3.33	0.3 Yes	0.17	Thermal Discharging
ROC091	403	'309216533_/_309216530_2'	0.67	3.33	3.33	0.17	0.4	3.33	0.3 Yes	0.17	Thermal Discharging
ROC091	404	'309226803_/_309226800'	0.67	3.33	3.33	0.17	0.2	3.33	0.3 Yes	0.17	Thermal Discharging
ROC091	405	'309269224_/_490755392'	0.67	3.33	3.33	0.17	0.4	3.33	0.3 Yes	0.17	Thermal Discharging
ROC091	406	'309216116_/_309231607_2'	0.6	3.33	3.33	0.17	0.2	3.33	0.3 Yes	0.17	Thermal Discharging
ROC091	407	'309223102_/_309223099'	0.6	3.33	3.33	0.17	0.43	3.33	0.3 Yes	0.17	Thermal Discharging
ROC091	408	'309269054_/_309289602_2'	0.67	3.33	3.33	0.17	0.4	3.33	0.3 Yes	0.17	Thermal Discharging
ROC091	409	'309215451_/_309215449'	1.8	10	10	0.5	1.2	10	0.9 Yes	0.5	Thermal Discharging
ROC091	410	'466297736_/_466297847'	0.67	3.33	3.33	0.17	0.4	3.33	0.3 Yes	0.17	Thermal Discharging
ROC091	411	'309216059_/_309216087'	1.8	10	10	0.5	1.2	10	0.9 Yes	0.5	Thermal Discharging
ROC091	412	'309216117_/_309216114'	0.6	3.33	3.33	0.17	0.2	3.33	0.3 Yes	0.17	Thermal Discharging
ROC091	413	'309223093_/_309244100'	1.8	10	10	0.5	1.3	10	0.9 Yes	0.5	Thermal Discharging
ROC091	414	'309216034_/_309216057'	1.8	10	10	0.5	1.2	10	0.9 Yes	0.5	Thermal Discharging
ROC091	415	'309289621_/_309289618'	0.67	3.33	3.33	0.17	0.4	3.33	0.3 Yes	0.17	Thermal Discharging
ROC091	416	'466297867_/_466297877'	0.67	3.33	3.33	0.17	0.4	3.33	0.3 Yes	0.17	Thermal Discharging
ROC091	417	'309223084_/_309223090'	1.8	10	10	0.5	1.3	10	0.9 Yes	0.5	Thermal Discharging
ROC091	418	'309226827_/_309226824'	0.67	3.33	3.33	0.17	0.2	3.33	0.3 Yes	0.17	Thermal Discharging
ROC091	419	'325408708_/_325408733'	1.7	10	10	0.5	1.2	10	0.9 Yes	0.5	Thermal Discharging
ROC091	420	'309223932_/_309223929'	1.7	10	10	0.5	1.3	10	0.9 Yes	0.5	Thermal Discharging
ROC091	421	'309216018_/_309216032'	1.7	10	10	0.5	1.2	10	0.9 Yes	0.5	Thermal Discharging
ROC091	422	'309216107_/_309216123'	0.57	3.33	3.33	0.17	0.2	3.33	0.3 Yes	0.17	Thermal Discharging
ROC091	423	'351962282_/_309231616_1'	0.57	3.33	3.33	0.17	0.2	3.33	0.3 Yes	0.17	Thermal Discharging
ROC091	424	'351962468_/_309226306_1'	1.7	10	10	0.5	1.2	10	0.9 Yes	0.5	Thermal Discharging
ROC091	425	'309269203_/_490755409'	0.63	3.33	3.33	0.17	0.4	3.33	0.3 Yes	0.17	Thermal Discharging
ROC091	426	'597246461_/_309289627'	0.67	3.33	3.33	0.17	0.4	3.33	0.3 Yes	0.17	Thermal Discharging
ROC091	427	'490755577_/_490755426_1'	0.63	3.33	3.33	0.17	0.4	3.33	0.3 Yes	0.17	Thermal Discharging
ROC091	428	'309223976_/_309223989'	1.7	10	10	0.5	1.3	10	0.9 Yes	0.5	Thermal Discharging
ROC091	429	'316388664_/_309223974_1'	1.7	10	10	0.5	1.2	10	0.9 Yes	0.5	Thermal Discharging
ROC091	430	'597246504_/_597246534'	0.67	3.33	3.33	0.17	0.4	3.33	0.3 Yes	0.17	Thermal Discharging
ROC091	431	'309280455_/_309216105_1'	0.57	3.33	3.33	0.17	0.2	3.33	0.3 Yes	0.17	Thermal Discharging
ROC091	432	'309216019_/_309216016'	1.7	10	10	0.5	1.2	10	0.9 Yes	0.5	Thermal Discharging
ROC091	433	'309215798_/_309215796'	1.7	10	10	0.5	1.2	10	0.9 Yes	0.5	Thermal Discharging
ROC091	434	'309223012_/_309226306_2'	1.7	10	10	0.5	1.2	10	0.9 Yes	0.5	Thermal Discharging
ROC091	435	'309223977_/_309223974_2'	1.7	10	10	0.5	1.2	10	0.9 Yes	0.5	Thermal Discharging
ROC091	436	'309226861_/_309226858'	0.67	3.33	3.33	0.17	0.2	3.33	0.3 Yes	0.17	Thermal Discharging
ROC091	437	'406325621_/_406325618'	1.7	10	10	0.5	1.3	10	0.9 Yes	0.5	Thermal Discharging
ROC091	438	'722280922_/_722280938'	0.67	3.33	3.33	0.17	0.4	3.33	0.3 Yes	0.17	Thermal Discharging
ROC091	439	'597246446_/_597246520'	0.67	3.33	3.33	0.17	0.4	3.33	0.3 Yes	0.17	Thermal Discharging
ROC091	440	'309269075_/_597246450'	0.67	3.33	3.33	0.17	0.4	3.33	0.3 Yes	0.17	Thermal Discharging
ROC091	441	'309223002_/_309223009'	1.7	10	10	0.5	1.2	10	0.9 Yes	0.5	Thermal Discharging
ROC091	442	'309216245_/_309216242'	1.7	10	10	0.5	1.2	10	0.9 Yes	0.5	Thermal Discharging
ROC091	443	'309231618_/_309231616_2'	0.57	3.33	3.33	0.17	0.2	3.33	0.3 Yes	0.17	Thermal Discharging
ROC091	444	'309223003_/_309223000'	1.7	10	10	0.5	1.2	10	0.9 Yes	0.5	Thermal Discharging
ROC091	445	'309226868_/_309226865'	0.63	3.33	3.33	0.17	0.2	3.33	0.3 Yes	0.17	Thermal Discharging
ROC091	446	'309269096_/_309289641'	0.63	3.33	3.33	0.17	0.4	3.33	0.3 Yes	0.17	Thermal Discharging
ROC091	447	'309226892_/_309226889'	0.63	3.33	3.33	0.17	0.2	3.33	0.3 Yes	0.17	Thermal Discharging
ROC091	448	'309224870_/_309224867'	1.7	10	10	0.5	1.2	10	0.9 Yes	0.5	Thermal Discharging
ROC091	449	'309226788_/_309226896'	0.63	3.33	3.33	0.17	0.2	3.33	0.3 Yes	0.17	Thermal Discharging
ROC091	450	'309224806_/_309224882'	1.6	10	10	0.5	1.2	10	0.9 Yes	0.5	Thermal Discharging
ROC091	451	'722280986_/_722280961_1'	0.63	3.33	3.33	0.17	0.4	3.33	0.3 Yes	0.17	Thermal Discharging
ROC091	452	'309224807_/_309224804'	1.6	10	10	0.5	1.2	10	0.9 Yes	0.5	Thermal Discharging
ROC091	453	'309230493_/_309230490'	1.6	10	10	0.5	1.2	10	0.9 Yes	0.5	Thermal Discharging
ROC091	454	'309226789_/_309226786'	0.63	3.33	3.33	0.17	0.2	3.33	0.3 Yes	0.17	Thermal Discharging
ROC091	455	'309224779_/_309224813'	1.6	10	10	0.5	1.2	10	0.9 Yes	0.5	Thermal Discharging
ROC091	456	'309224770_/_309224777'	1.6	10	10	0.5	1.2	10	0.9 Yes	0.5	Thermal Discharging
ROC091	457	'309230438_/_309230499'	1.6	10	10	0.5	1.2	10	0.9 Yes	0.5	Thermal Discharging
ROC091	458	'309224734_/_309224768'	1.6	10	10	0.5	1.2	10	0.9 Yes	0.5	Thermal Discharging
ROC091	459	'309227047_/_309227044'	0.6	3.33	3.33	0.17	0.2	3.33	0.3 Yes	0.17	Thermal Discharging
ROC091	460	'309227064_/_309227061'	0.6	3.33	3.33	0.17	0.2	3.33	0.3 Yes	0.17	Thermal Discharging
ROC091	461	'309226672_/_309227054'	0.6	3.33	3.33	0.17	0.2	3.33	0.3 Yes	0.17	Thermal Discharging
ROC091	462	'309224735_/_309224732'	1.6	10	10	0.5	1.2	10	0.9 Yes	0.5	Thermal Discharging
ROC091	463	'309230439_/_309230436'	1.6	10	10	0.5	1.2	10	0.9 Yes	0.5	Thermal Discharging
ROC091	464	'309222926_/_309224741'	1.6	10	10	0.5	1.2	10	0.9 Yes	0.5	Thermal Discharging
ROC091	465	'309226918_/_309226915'	0.6	3.33	3.33	0.17	0.2	3.33	0.3 Yes	0.17	Thermal Discharging
ROC091	466	'309230448_/_309230445'	1.6	10	10	0.5	1.2	10	0.9 Yes	0.5	Thermal Discharging
ROC091	467	'309224511_/_309224515'	0.53	3.33	3.33	0.17	0.4	3.33	0.3 Yes	0.17	Thermal Discharging
ROC091	468	'309226673_/_309226670'	0.6	3.33	3.33	0.17	0.2	3.33	0.3 Yes	0.17	Thermal Discharging
ROC091	469	'309222927_/_309222924'	1.5	10	10	0.5	1.2	10	0.9 Yes	0.5	Thermal Discharging
ROC091	470	'309226949_/_309226946'	0.6	3.33	3.33	0.17	0.2	3.33	0.3 Yes	0.17	Thermal Discharging
ROC091	471	'309230457_/_309230454'	1.5	10	10	0.5	1.2	10	0.9 Yes	0.5	Thermal Discharging
ROC091	472	'309224478_/_309224508'	0.53	3.33	3.33	0.17	0.4	3.33	0.3 Yes	0.17	Thermal Discharging
ROC091	473	'309224667_/_309224664'	1.5	9.9	10	0.5	1.2	10	0.9 Yes	0.5	Thermal Discharging
ROC091	474	'309226956_/_309226953'	0.57	3.33	3.33	0.17	0.2	3.33	0.3 Yes	0.17	Thermal Discharging
ROC091	475	'309230466_/_309230463'	1.5	9.8	10	0.5	1.2	10	0.9 Yes	0.5	Thermal Discharging
ROC091	476	'309224648_/_309224673'	1.5	9.8	10	0.5	1.2	10	0.9 Yes	0.5	Thermal Discharging
ROC091	477	'309224471_/_309224475'	0.53	3.27	3.33	0.17	0.4	3.33	0.3 Yes	0.17	Thermal Discharging
ROC091	478	'309224649_/_309224646'	1.5	9.8	10	0.5	1.2	10	0.9 Yes	0.5	Thermal Discharging
ROC091	479	'309224618_/_309224655'	1.5	9.7	10	0.5	1.2	10	0.9 Yes	0.5	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
ROC091	480	'309230475_/_309230472'	1.5	9.7	10	0.5	1.2	10	0.9 Yes	0.5	Thermal Discharging
ROC091	481	'309224470_/_309224468'	0.53	3.23	3.33	0.17	0.4	3.33	0.3 Yes	0.17	Thermal Discharging
ROC091	482	'309224604_/_309224615'	1	6.47	6.67	0.33	0.8	6.67	0.6 Yes	0.33	Thermal Discharging
ROC091	483	'309224626_/_309224623'	1.5	9.6	10	0.5	1.2	10	0.9 Yes	0.5	Thermal Discharging
ROC091	484	'309224596_/_309224601'	1	6.4	6.67	0.33	0.8	6.67	0.6 Yes	0.33	Thermal Discharging
ROC091	485	'309226443_/_309226441'	0.5	3.2	3.33	0.17	0.4	3.33	0.3 Yes	0.17	Thermal Discharging
ROC091	486	'309230484_/_309230481'	1.5	9.5	10	0.5	1.2	10	0.9 Yes	0.5	Thermal Discharging
ROC091	487	'589208426_/_589208337_ 1'	0.5	3.17	3.33	0.17	0.2	3.33	0.3 Yes	0.17	Thermal Discharging
ROC091	488	'309222976_/_309224593'	1	6.4	6.67	0.33	0.8	6.67	0.6 Yes	0.33	Thermal Discharging
ROC091	489	'471712561_/_309226454_ 2'	0.5	3.17	3.33	0.17	0.4	3.33	0.3 Yes	0.17	Thermal Discharging
ROC091	490	'309224344_/_309226454_ 1'	0.5	3.17	3.33	0.17	0.2	3.33	0.3 Yes	0.17	Thermal Discharging
ROC091	491	'309279732_/_309230788_ 1'	0.5	3.13	3.33	0.17	0.2	3.33	0.3 Yes	0.17	Thermal Discharging
ROC091	492	'309230741_/_309230788_ 2'	0.5	3.13	3.33	0.17	0.2	3.33	0.3 Yes	0.17	Thermal Discharging
ROC091	493	'589208340_/_589208337_ 2'	0.5	3.13	3.33	0.17	0.2	3.33	0.3 Yes	0.17	Thermal Discharging
ROC091	494	'309222969_/_309222973'	1	6.33	6.67	0.33	0.8	6.67	0.6 Yes	0.33	Thermal Discharging
ROC091	495	'309224343_/_309224341'	0.5	3.13	3.33	0.17	0.2	3.33	0.3 Yes	0.17	Thermal Discharging
ROC091	496	'309224285_/_309224348'	0.5	3.13	3.33	0.17	0.2	3.33	0.3 Yes	0.17	Thermal Discharging
ROC091	497	'309222968_/_309222966'	0.5	3.13	3.33	0.17	0.4	3.33	0.3 Yes	0.17	Thermal Discharging
ROC091	498	'309222961_/_309224537'	0.93	6.27	6.67	0.33	0.8	6.67	0.6 Yes	0.33	Thermal Discharging
ROC091	499	'589208356_/_589208353'	0.47	3.1	3.33	0.17	0.2	3.33	0.3 Yes	0.17	Thermal Discharging
ROC091	500	'309230742_/_309230739'	0.47	3.1	3.33	0.17	0.2	3.33	0.3 Yes	0.17	Thermal Discharging
ROC091	501	'309222989_/_309224283'	0.5	3.1	3.33	0.17	0.2	3.33	0.3 Yes	0.17	Thermal Discharging
ROC091	502	'309222962_/_309222959'	0.47	3.1	3.33	0.17	0.4	3.33	0.3 Yes	0.17	Thermal Discharging
ROC091	503	'309222901_/_309222987'	0.5	3.1	3.33	0.17	0.2	3.32	0.3 Yes	0.17	Thermal Discharging
ROC091	504	'309226533_/_309226530'	0.93	6.2	6.67	0.33	0.8	6.65	0.6 Yes	0.33	Thermal Discharging
ROC091	505	'309222982_/_309222980'	0.5	3.1	3.33	0.17	0.4	3.32	0.3 Yes	0.17	Thermal Discharging
ROC091	506	'309230749_/_309230746'	0.47	3.07	3.33	0.17	0.2	3.32	0.3 Yes	0.17	Thermal Discharging
ROC091	507	'309230756_/_309230753'	0.47	3.03	3.33	0.17	0.2	3.3	0.3 Yes	0.17	Thermal Discharging
ROC091	508	'309274554_/_309222898'	0.5	3.03	3.33	0.17	0.2	3.29	0.3 Yes	0.17	Thermal Discharging
ROC091	509	'352078796_/_309222911_ 1'	0.5	3.03	3.33	0.17	0.2	3.29	0.3 Yes	0.17	Thermal Discharging
ROC091	510	'352078803_/_309226656_ 1'	0.5	3.03	3.33	0.17	0.2	3.29	0.3 Yes	0.17	Thermal Discharging
ROC091	511	'309230763_/_309230760'	0.47	3	3.33	0.17	0.2	3.28	0.3 Yes	0.17	Thermal Discharging
ROC091	512	'309222914_/_309222911_ 2'	0.5	3	3.33	0.17	0.2	3.27	0.3 Yes	0.17	Thermal Discharging
ROC091	513	'309226659_/_309226656_ 2'	0.47	3	3.33	0.17	0.2	3.27	0.3 Yes	0.17	Thermal Discharging
ROC091	514	'309230770_/_309230767'	0.47	2.97	3.33	0.17	0.2	3.26	0.3 Yes	0.17	Thermal Discharging
ROC091	515	'309226570_/_309226663'	0.47	2.97	3.33	0.17	0.2	3.25	0.3 Yes	0.17	Thermal Discharging
ROC091	516	'309224364_/_309224361'	0.47	2.97	3.33	0.17	0.2	3.25	0.3 Yes	0.17	Thermal Discharging
ROC091	517	'309230777_/_309230774'	0.47	2.93	3.33	0.17	0.2	3.24	0.3 Yes	0.17	Thermal Discharging
ROC091	518	'309224371_/_309224368'	0.47	2.93	3.33	0.17	0.2	3.23	0.3 Yes	0.17	Thermal Discharging
ROC091	519	'309226571_/_309226568'	0.47	2.93	3.33	0.17	0.2	3.22	0.3 Yes	0.17	Thermal Discharging
ROC091	520	'309230784_/_309230781'	0.47	2.9	3.33	0.17	0.2	3.22	0.3 Yes	0.17	Thermal Discharging
ROC091	521	'309225261_/_309225258'	0.47	2.9	3.33	0.17	0.2	3.21	0.3 Yes	0.17	Thermal Discharging
ROC091	522	'309226578_/_309226575'	0.47	2.9	3.33	0.17	0.2	3.21	0.3 Yes	0.17	Thermal Discharging
ROC091	523	'309230862_/_309230916'	0.43	2.9	3.33	0.17	0.2	3.2	0.3 Yes	0.17	Thermal Discharging
ROC091	524	'309226591_/_309226588'	0.47	2.9	3.33	0.17	0.2	3.19	0.3 Yes	0.17	Thermal Discharging
ROC091	525	'309225268_/_309225265'	0.47	2.9	3.33	0.17	0.2	3.19	0.3 Yes	0.17	Thermal Discharging
ROC091	526	'309230863_/_309230860'	0.43	2.87	3.33	0.17	0.2	3.18	0.3 Yes	0.17	Thermal Discharging
ROC091	527	'309224239_/_309226595'	0.47	2.87	3.33	0.17	0.2	3.18	0.3 Yes	0.17	Thermal Discharging
ROC091	528	'309231012_/_309231023'	0.43	2.83	3.33	0.17	0.2	3.17	0.3 Yes	0.17	Thermal Discharging
ROC091	529	'309231050_/_309231047'	0.43	2.83	3.33	0.17	0.2	3.16	0.3 Yes	0.17	Thermal Discharging
ROC091	530	'309230869_/_309231010'	0.43	2.83	3.33	0.17	0.2	3.15	0.3 Yes	0.17	Thermal Discharging
ROC091	531	'309224240_/_309224237'	0.47	2.83	3.33	0.17	0.2	3.14	0.3 Yes	0.17	Thermal Discharging
ROC091	532	'309230870_/_309230867'	0.43	2.8	3.33	0.17	0.2	3.13	0.3 Yes	0.17	Thermal Discharging
ROC091	533	'309230877_/_309230874'	0.43	2.77	3.33	0.17	0.2	3.12	0.3 Yes	0.17	Thermal Discharging
ROC091	534	'309227219_/_309227339'	0.43	2.77	3.33	0.17	0.2	3.11	0.3 Yes	0.17	Thermal Discharging
ROC091	535	'309230884_/_309230881'	0.43	2.77	3.33	0.17	0.2	3.1	0.3 Yes	0.17	Thermal Discharging
ROC091	536	'309227220_/_309227217'	0.43	2.73	3.33	0.17	0.2	3.09	0.3 Yes	0.17	Thermal Discharging
ROC091	537	'309230891_/_309230888'	0.43	2.73	3.33	0.17	0.2	3.09	0.3 Yes	0.17	Thermal Discharging
ROC091	538	'309230898_/_309230895'	0.43	2.7	3.33	0.17	0.2	3.07	0.3 Yes	0.17	Thermal Discharging
ROC091	539	'309227076_/_309227224'	0.43	2.73	3.33	0.17	0.2	3.06	0.3 Yes	0.17	Thermal Discharging
ROC091	540	'309230905_/_309230902'	0.43	2.7	3.33	0.17	0.2	3.06	0.3 Yes	0.17	Thermal Discharging
ROC091	541	'309227077_/_309227074'	0.43	2.7	3.33	0.17	0.2	3.04	0.3 Yes	0.17	Thermal Discharging
ROC091	542	'309230912_/_309230909'	0.4	2.67	3.33	0.17	0.2	3.04	0.3 Yes	0.17	Thermal Discharging
ROC091	543	'309227315_/_309227312'	0.43	2.67	3.33	0.17	0.2	3.03	0.3 Yes	0.17	Thermal Discharging
ROC091	544	'309231082_/_309231079'	0.4	2.67	3.33	0.17	0.2	3.03	0.3 Yes	0.17	Thermal Discharging
ROC091	545	'309227328_/_309227325'	0.43	2.67	3.33	0.17	0.2	3.02	0.3 Yes	0.17	Thermal Discharging
ROC091	546	'309231089_/_309231086'	0.4	2.67	3.33	0.17	0.2	3.02	0.3 Yes	0.17	Thermal Discharging
ROC091	547	'309227169_/_309227332'	0.43	2.67	3.33	0.17	0.2	3.01	0.3 Yes	0.17	Thermal Discharging
ROC091	548	'309231133_/_309231130'	0.4	2.63	3.33	0.17	0.2	3	0.3 Yes	0.17	Thermal Discharging
ROC091	549	'309227170_/_309227167'	0.43	2.63	3.33	0.17	0.2	3	0.3 Yes	0.17	Thermal Discharging
ROC091	550	'309227183_/_309227180'	0.43	2.63	3.33	0.17	0.2	2.99	0.3 Yes	0.17	Thermal Discharging
ROC091	551	'309227190_/_309227187'	0.43	2.63	3.33	0.17	0.2	2.98	0.3 Yes	0.17	Thermal Discharging
ROC091	552	'309231095_/_309231137'	0.4	2.6	3.33	0.17	0.2	2.98	0.3 Yes	0.17	Thermal Discharging
ROC091	553	'309231096_/_309231093'	0.4	2.57	3.33	0.17	0.2	2.95	0.3 Yes	0.17	Thermal Discharging
ROC091	554	'309231389_/_309231756'	0.4	2.53	3.33	0.17	0.2	2.93	0.3 Yes	0.17	Thermal Discharging
ROC091	555	'309231390_/_309231387'	0.4	2.5	3.33	0.17	0.2	2.91	0.3 Yes	0.17	Thermal Discharging
ROC091	556	'309231404_/_309231401'	0.4	2.5	3.33	0.17	0.2	2.9	0.3 Yes	0.17	Thermal Discharging
ROC091	557	'309231425_/_309231422'	0.37	2.47	3.33	0.17	0.2	2.88	0.3 Yes	0.17	Thermal Discharging
ROC091	558	'309231355_/_309231429'	0.37	2.43	3.33	0.17	0.2	2.86	0.3 Yes	0.17	Thermal Discharging
ROC091	559	'309231446_/_309231443'	0.37	2.43	3.33	0.17	0.2	2.85	0.3 Yes	0.17	Thermal Discharging
ROC091	560	'309231356_/_309231353'	0.37	2.43	3.33	0.17	0.2	2.85	0.3 Yes	0.17	Thermal Discharging
ROC091	561	'309231369_/_309231366'	0.37	2.4	3.33	0.17	0.2	2.84	0.3 Yes	0.17	Thermal Discharging
ROC091	562	'309231459_/_309231464'	0.37	2.4	3.33	0.17	0.2	2.83	0.3 Yes	0.17	Thermal Discharging
ROC091	563	'309231460_/_309231457'	0.37	2.4	3.33	0.17	0.2	2.82	0.3 Yes	0.17	Thermal Discharging
ROC091	564	'309223083_/_309223081'	1.6	10	10	0.5	1	5.93	0.89 Yes	0.5	Thermal Discharging
ROC091	565	'309226300_/_309226297'	1.5	10	10	0.5	1	5.9	0.89 Yes	0.5	Thermal Discharging
ROC091	566	'351962494_/_309226638_ 1'	1.5	10	10	0.5	0.9	5.9	0.89 Yes	0.5	Thermal Discharging
ROC091	567	'309226641_/_309226638_ 2'	1.5	10	10	0.5	0.9	5.88	0.89 Yes	0.5	Thermal Discharging
ROC091	568	'309226616_/_309226647'	1.5	10	10	0.5	0.9	5.8	0.89 Yes	0.5	Thermal Discharging
ROC091	569	'309226617_/_309226614'	1.5	10	10	0.5	0.9	5.7	0.89 Yes	0.5	Thermal Discharging
ROC091	570	'309226604_/_309226623'	1.5	10	10	0.5	0.9	5.61	0.89 Yes	0.5	Thermal Discharging
ROC091	571	'309224036_/_309226602'	1.5	10	10	0.5	0.9	5.52	0.89 Yes	0.5	Thermal Discharging
ROC091	572	'309224037_/_309224034'	1.5	10	10	0.5	0.9	5.44	0.89 Yes	0.5	Thermal Discharging
ROC091	573	'309224046_/_309224043'	1.5	10	10	0.5	0.9	5.4	0.89 Yes	0.5	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
ROC091	574	'351962521_/_309243847_1'	1.2	10	10	0.5	0.9	5.44	0.89 Yes	0.5	Thermal Discharging
ROC091	575	'309225069_/_309225114'	1.5	10	10	0.5	0.9	5.35	0.89 Yes	0.5	Thermal Discharging
ROC091	576	'309223901_/_309243847_2'	1.1	10	10	0.5	0.9	5.37	0.89 Yes	0.5	Thermal Discharging
ROC091	577	'309225043_/_309225066'	1.5	10	10	0.5	0.9	5.22	0.89 Yes	0.5	Thermal Discharging
ROC091	578	'309223021_/_309226432'	1.5	10	10	0.5	0.9	5.15	0.89 Yes	0.5	Thermal Discharging
ROC091	579	'309223020_/_309223018'	1.5	10	10	0.5	0.9	5.05	0.89 Yes	0.5	Thermal Discharging
ROC091	580	'406992427_/_309223040'	1.4	10	10	0.5	0.9	4.98	0.89 Yes	0.5	Thermal Discharging
ROC091	581	'309223043_/_406992429'	1.4	10	10	0.5	0.9	4.94	0.89 Yes	0.5	Thermal Discharging
ROC091	582	'309224972_/_309224969'	1.4	10	10	0.5	0.9	4.88	0.89 Yes	0.5	Thermal Discharging
ROC091	583	'309223902_/_309223899'	1	10	10	0.5	0.9	5.03	0.89 Yes	0.5	Thermal Discharging
ROC091	584	'309223035_/_309223033'	0.43	3.33	3.33	0.17	0.3	1.63	0.3 Yes	0.17	Thermal Discharging
ROC091	585	'309231571_/_309231568'	1.4	10	10	0.5	0.9	4.83	0.89 Yes	0.5	Thermal Discharging
ROC091	586	'309218603_/_309231577'	1.4	10	10	0.5	0.9	4.79	0.89 Yes	0.5	Thermal Discharging
ROC091	587	'309218604_/_309218601'	1.4	10	10	0.5	0.9	4.77	0.89 Yes	0.5	Thermal Discharging
ROC091	588	'309225031_/_309225041'	0.73	6.67	6.67	0.33	0.6	3.13	0.6 Yes	0.33	Thermal Discharging
ROC091	589	'316366318_/_309225029_1'	0.33	3.33	3.33	0.17	0.1	1.55	0.3 Yes	0.1	Element Fault
ROC091	590	'309223070_/_309223914'	0.8	10	10	0.5	0.9	4.71	0.89 Yes	0.5	Thermal Discharging
ROC091	591	'309218518_/_309219412'	1.1	10	10	0.5	0.9	4.48	0.89 Yes	0.5	Thermal Discharging
ROC091	592	'309225058_/_309225055'	0.6	6.67	6.67	0.33	0.6	2.99	0.6 Yes	0.33	Thermal Discharging
ROC091	593	'352079222_/_309218516_1'	0.33	3.33	3.33	0.17	0.1	1.48	0.3 Yes	0.1	Element Fault
ROC091	594	'309225032_/_309225029_2'	0.3	3.33	3.33	0.17	0.1	1.48	0.3 Yes	0.1	Element Fault
ROC091	595	'309223071_/_309223068'	0.27	2.1	3.33	0.17	0.3	1.46	0.3 Yes	0.17	Thermal Discharging
ROC091	596	'309223811_/_309223808'	0.7	5.5	10	0.5	0.9	4.34	0.89 Yes	0.5	Thermal Discharging
ROC091	597	'309218519_/_309218516_2'	0.3	3.33	3.33	0.17	0.1	1.4	0.3 Yes	0.1	Element Fault
ROC091	598	'309219390_/_309219421'	0.8	10	10	0.5	0.9	4.14	0.89 Yes	0.5	Thermal Discharging
ROC091	599	'309219405_/_309219403'	0.8	10	10	0.5	0.9	3.99	0.89 Yes	0.5	Thermal Discharging
ROC091	600	'309219934_/_309223823'	0.6	4.5	10	0.5	0.9	4.06	0.89 Yes	0.5	Thermal Discharging
ROC091	601	'309220051_/_309220048'	0.27	3.33	3.33	0.17	0.3	1.31	0.3 Yes	0.17	Thermal Discharging
ROC091	602	'309219363_/_309219388'	0.7	10	10	0.5	0.9	3.8	0.89 Yes	0.5	Thermal Discharging
ROC091	603	'309219935_/_309219932'	0.6	4	10	0.5	0.9	3.86	0.89 Yes	0.5	Thermal Discharging
ROC091	604	'309220091_/_309220089'	0.3	2.1	10	0.5	0.9	3.78	0.89 Yes	0.3	Primary Over-Voltage
ROC091	605	'309220024_/_309220061'	0.23	3.33	3.33	0.17	0.3	1.24	0.3 Yes	0.17	Thermal Discharging
ROC091	606	'309219876_/_309219947'	0.5	3.6	10	0.5	0.9	3.67	0.89 Yes	0.5	Primary Over-Voltage
ROC091	607	'309219321_/_309219361'	0.6	4.9	10	0.5	0.9	3.59	0.89 Yes	0.5	Thermal Discharging
ROC091	608	'309219994_/_309220022'	0.2	1.57	3.33	0.17	0.3	1.15	0.3 Yes	0.17	Thermal Discharging
ROC091	609	'309219904_/_309219902'	0.5	3.2	10	0.5	0.9	3.49	0.89 Yes	0.5	Primary Over-Voltage
ROC091	610	'309220140_/_309220137'	0.5	3.2	10	0.5	0.9	3.49	0.89 Yes	0.5	Primary Over-Voltage
ROC091	611	'309219877_/_309219874'	0.33	2.07	6.67	0.33	0.6	2.24	0.6 Yes	0.33	Primary Over-Voltage
ROC091	612	'309219322_/_309219319'	0.5	3.7	10	0.5	0.9	3.31	0.89 Yes	0.5	Primary Over-Voltage
ROC091	613	'309219036_/_309219992'	0.17	1.27	3.33	0.17	0.3	1.07	0.3 Yes	0.17	Primary Over-Voltage
ROC091	614	'309220174_/_309220172'	0.4	2.8	10	0.5	0.9	3.24	0.89 Yes	0.4	Primary Over-Voltage
ROC091	615	'309220124_/_309220146'	0.4	2.8	10	0.5	0.9	3.23	0.89 Yes	0.4	Primary Over-Voltage
ROC091	616	'309219833_/_309219888'	0.27	1.87	6.67	0.33	0.6	2.11	0.6 Yes	0.27	Primary Over-Voltage
ROC091	617	'309271709_/_309219334'	0.4	3.1	10	0.5	0.9	3.07	0.89 Yes	0.4	Primary Over-Voltage
ROC091	618	'309219002_/_309219034'	0.17	1.07	3.33	0.17	0.3	0.99	0.3 Yes	0.17	Primary Over-Voltage
ROC091	619	'309219044_/_309219051'	0.17	1.07	3.33	0.17	0.3	0.99	0.3 Yes	0.17	Primary Over-Voltage
ROC091	620	'309219834_/_309219831'	0.27	1.67	6.67	0.33	0.6	2	0.6 Yes	0.27	Primary Over-Voltage
ROC091	621	'309220184_/_309220190'	0.4	2.5	10	0.5	0.9	2.98	0.89 Yes	0.4	Primary Over-Voltage
ROC091	622	'309219662_/_309220122'	0.4	2.4	10	0.5	0.9	2.98	0.89 Yes	0.4	Primary Over-Voltage
ROC091	623	'309218589_/_309218586'	0.4	2.7	10	0.5	0.9	2.9	0.89 Yes	0.4	Primary Over-Voltage
ROC091	624	'309220473_/_309220483'	0.13	0.77	3.33	0.17	0.3	0.95	0.3 Yes	0.13	Primary Over-Voltage
ROC091	625	'444457383_/_444457380'	0.13	0.8	3.33	0.17	0.3	0.95	0.3 Yes	0.13	Primary Over-Voltage
ROC091	626	'309219663_/_309219660'	0.4	2.3	10	0.5	0.9	2.85	0.89 Yes	0.4	Primary Over-Voltage
ROC091	627	'309220183_/_309220181'	0.4	2.3	10	0.5	0.9	2.84	0.89 Yes	0.4	Primary Over-Voltage
ROC091	628	'309218976_/_309219000'	0.13	0.93	3.33	0.17	0.3	0.93	0.3 Yes	0.13	Primary Over-Voltage
ROC091	629	'309218613_/_309222848'	0.27	1.53	6.67	0.33	0.6	1.89	0.6 Yes	0.27	Primary Over-Voltage
ROC091	630	'309219043_/_309219041'	0.13	0.93	3.33	0.17	0.3	0.93	0.3 Yes	0.13	Primary Over-Voltage
ROC091	631	'309220101_/_309220098'	0.3	2.2	10	0.5	0.9	2.78	0.89 Yes	0.3	Primary Over-Voltage
ROC091	632	'309219205_/_309219202'	0.3	2.4	10	0.5	0.9	2.73	0.89 Yes	0.3	Primary Over-Voltage
ROC091	633	'309220472_/_309220470'	0.13	0.73	3.33	0.17	0.3	0.92	0.3 Yes	0.13	Primary Over-Voltage
ROC091	634	'309219630_/_309219669'	0.3	2.1	10	0.5	0.9	2.74	0.89 Yes	0.3	Primary Over-Voltage
ROC091	635	'309218612_/_309218610'	0.2	1.4	6.67	0.33	0.6	1.8	0.6 Yes	0.2	Primary Over-Voltage
ROC091	636	'309220225_/_309220223'	0.3	2.1	10	0.5	0.9	2.69	0.89 Yes	0.3	Primary Over-Voltage
ROC091	637	'309218977_/_309218974'	0.13	0.83	3.33	0.17	0.3	0.88	0.3 Yes	0.13	Primary Over-Voltage
ROC091	638	'309224916_/_309226412'	0.13	0.83	3.33	0.17	0.3	0.87	0.3 Yes	0.13	Primary Over-Voltage
ROC091	639	'309219615_/_309219627'	0.3	2	10	0.5	0.9	2.63	0.89 Yes	0.3	Primary Over-Voltage
ROC091	640	'309220234_/_309220232'	0.3	2	10	0.5	0.9	2.61	0.89 Yes	0.3	Primary Over-Voltage
ROC091	641	'309219195_/_309219211'	0.3	2.2	10	0.5	0.9	2.57	0.89 Yes	0.3	Primary Over-Voltage
ROC091	642	'309224102_/_309224100'	0.2	1.33	6.67	0.33	0.6	1.71	0.6 Yes	0.2	Primary Over-Voltage
ROC091	643	'309220267_/_309220273'	0.3	1.9	10	0.5	0.9	2.52	0.89 Yes	0.3	Primary Over-Voltage
ROC091	644	'309219591_/_309219612'	0.3	1.9	10	0.5	0.9	2.51	0.89 Yes	0.3	Primary Over-Voltage
ROC091	645	'309218963_/_309218981'	0.1	0.77	3.33	0.17	0.3	0.82	0.3 Yes	0.1	Primary Over-Voltage
ROC091	646	'309222954_/_309224914'	0.1	0.77	3.33	0.17	0.3	0.82	0.3 Yes	0.1	Primary Over-Voltage
ROC091	647	'479523158_/_479523156'	0.2	1.27	6.67	0.33	0.6	1.65	0.6 Yes	0.2	Primary Over-Voltage
ROC091	648	'309219138_/_309219193'	0.3	2	10	0.5	0.9	2.44	0.89 Yes	0.3	Primary Over-Voltage
ROC091	649	'309218629_/_309220264'	0.3	1.8	10	0.5	0.9	2.46	0.89 Yes	0.3	Primary Over-Voltage
ROC091	650	'309224128_/_479523146'	0.2	1.2	6.67	0.33	0.6	1.6	0.6 Yes	0.2	Primary Over-Voltage
ROC091	651	'309220447_/_309220457'	0.1	0.6	3.33	0.17	0.3	0.8	0.3 Yes	0.1	Primary Over-Voltage
ROC091	652	'309226428_/_309226425'	0.1	0.7	3.33	0.17	0.3	0.79	0.3 Yes	0.1	Primary Over-Voltage
ROC091	653	'309218935_/_309218961'	0.1	0.7	3.33	0.17	0.3	0.78	0.3 Yes	0.1	Primary Over-Voltage
ROC091	654	'309219572_/_309219588'	0.3	1.7	10	0.5	0.9	2.37	0.89 Yes	0.3	Primary Over-Voltage
ROC091	655	'309218628_/_309218626'	0.2	1.13	6.67	0.33	0.6	1.57	0.6 Yes	0.2	Primary Over-Voltage
ROC091	656	'309219139_/_309219136'	0.3	1.9	10	0.5	0.9	2.33	0.89 Yes	0.3	Primary Over-Voltage
ROC091	657	'319209528_/_309224175'	0.2	1.2	6.67	0.33	0.6	1.55	0.6 Yes	0.2	Primary Over-Voltage
ROC091	658	'319209544_/_309226369_1'	0.2	1.13	6.67	0.33	0.2	1.53	0.6 Yes	0.2	Primary Over-Voltage
ROC091	659	'309218906_/_309218933'	0.1	0.63	3.33	0.17	0.3	0.75	0.3 Yes	0.1	Primary Over-Voltage
ROC091	660	'309219571_/_309219569'	0.2	1.6	10	0.5	0.9	2.27	0.89 Yes	0.2	Primary Over-Voltage
ROC091	661	'309219099_/_309219145'	0.2	1.8	10	0.5	0.9	2.25	0.89 Yes	0.2	Primary Over-Voltage
ROC091	662	'309220446_/_309220444'	0.1	0.57	3.33	0.17	0.3	0.75	0.3 Yes	0.1	Primary Over-Voltage
ROC091	663	'309226372_/_309226369_2'	0.2	1.13	6.67	0.33	0.2	1.49	0.6 Yes	0.2	Primary Over-Voltage
ROC091	664	'309222955_/_309222952'	0.1	0.63	3.33	0.17	0.3	0.73	0.3 Yes	0.1	Primary Over-Voltage
ROC091	665	'309220285_/_309220290'	0.13	1.07	6.67	0.33	0.6	1.48	0.6 Yes	0.13	Primary Over-Voltage
ROC091	666	'309219100_/_309219097'	0.2	1.7	10	0.5	0.9	2.17	0.89 Yes	0.2	Primary Over-Voltage
ROC091	667	'309218907_/_309218904'	0.1	0.6	3.33	0.17	0.3	0.71	0.3 Yes	0.1	Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
ROC091	668	'309223057_/309223055'	0.07	0.5	3.33	0.17	0.3	0.71	0.3 Yes	0.07	Primary Over-Voltage
ROC091	669	'309220284_/309220282'	0.13	1	6.67	0.33	0.6	1.41	0.6 Yes	0.13	Primary Over-Voltage
ROC091	670	'309218878_/309218911'	0.1	0.6	3.33	0.17	0.3	0.69	0.3 Yes	0.1	Primary Over-Voltage
ROC091	671	'309220339_/309220336'	0.13	1	6.67	0.33	0.6	1.38	0.6 Yes	0.13	Primary Over-Voltage
ROC091	672	'309218575_/309218876'	0.07	0.57	3.33	0.17	0.3	0.67	0.3 Yes	0.07	Primary Over-Voltage
ROC091	673	'309220346_/309222872'	0.13	0.93	6.67	0.33	0.6	1.33	0.6 Yes	0.13	Primary Over-Voltage
ROC091	674	'309218576_/309218573'	0.07	0.53	3.33	0.17	0.3	0.65	0.3 Yes	0.07	Primary Over-Voltage
ROC091	675	'309220347_/309220344'	0.13	0.87	6.67	0.33	0.6	1.28	0.6 Yes	0.13	Primary Over-Voltage
ROC091	676	'309220367_/309220364'	0.13	0.87	6.67	0.33	0.6	1.25	0.6 Yes	0.13	Primary Over-Voltage
ROC091	677	'309220375_/309220372'	0.13	0.8	6.67	0.33	0.6	1.18	0.6 Yes	0.13	Primary Over-Voltage
RPL061	0	'RPL061_/9644769'	10	10	10	1.848	10	10	5.71 No	1.848	Thermal Discharging
RPL061	1	'9018517_/9644769'	10	10	10	1.848	10	10	5.71 No	1.848	Thermal Discharging
RPL061	2	'8698470_/9018515'	10	10	10	1.848	10	10	5.71 No	1.848	Thermal Discharging
RPL061	3	'8698471_/8698468'	10	10	10	1.848	10	10	5.71 No	1.848	Thermal Discharging
RPL061	4	'7752901_/9331762'	10	10	10	1.848	10	10	5.71 No	1.848	Thermal Discharging
RPL061	5	'7752902_/7752899_1'	10	10	10	1.848	10	10	5.71 No	1.848	Thermal Discharging
RPL061	6	'6216089_/7752899_2'	10	10	10	1.848	10	10	5.71 No	1.848	Thermal Discharging
RPL061	7	'65287287_/6216343_2'	10	10	10	1.848	10	10	5.71 No	1.848	Thermal Discharging
RPL061	8	'6216284_/6216343_1'	10	10	10	1.848	10	10	5.71 No	1.848	Thermal Discharging
RPL061	9	'65287303_/65287180_1'	10	10	10	1.848	1.5	10	5.71 No	1.5	Element Fault
RPL061	10	'6213606_/6216087'	10	10	10	1.848	10	10	5.71 No	1.848	Thermal Discharging
RPL061	11	'65287162_/65287180_2'	10	10	10	1.848	1.5	10	5.71 No	1.5	Element Fault
RPL061	12	'6212111_/6213604'	10	10	10	1.848	10	10	5.71 No	1.848	Thermal Discharging
RPL061	13	'6216073_/6216303_1'	10	10	10	1.848	1.5	10	5.71 No	1.5	Element Fault
RPL061	14	'53915506_/53915477_1'	10	10	10	1.848	1.5	10	5.71 No	1.5	Element Fault
RPL061	15	'6212095_/6212109'	10	10	10	1.848	10	10	5.71 No	1.848	Thermal Discharging
RPL061	16	'6212094_/6212092'	10	10	10	1.848	10	10	5.71 No	1.848	Thermal Discharging
RPL061	17	'6212132_/6212129_1'	10	10	10	1.848	10	10	5.71 No	1.848	Thermal Discharging
RPL061	18	'43868530_/6212129_2'	10	10	10	1.848	10	10	5.71 No	1.848	Thermal Discharging
RPL061	19	'53915470_/53915477_2'	10	10	10	1.848	1.5	10	5.71 No	1.5	Element Fault
RPL061	20	'6217330_/6217344'	10	10	10	1.848	10	10	5.71 No	1.848	Thermal Discharging
RPL061	21	'69051566_/6217327_2'	10	10	10	1.848	10	10	5.71 No	1.848	Thermal Discharging
RPL061	22	'68653418_/9644965_1'	10	10	10	1.848	1.5	10	5.71 No	1.5	Element Fault
RPL061	23	'6212152_/43868532'	10	10	10	1.848	10	10	5.71 No	1.848	Thermal Discharging
RPL061	24	'6212078_/6217327_1'	10	10	10	1.848	10	10	5.71 No	1.848	Thermal Discharging
RPL061	25	'385258507_/6212166'	10	10	10	1.848	10	10	5.71 No	1.848	Thermal Discharging
RPL061	26	'43871323_/6216303_2'	10	10	10	1.848	1.5	10	5.71 No	1.5	Element Fault
RPL061	27	'7751842_/7751859_1'	10	10	10	1.848	1.5	10	5.71 No	1.5	Element Fault
RPL061	28	'6212061_/6212075'	10	10	10	1.848	10	10	5.71 No	1.848	Thermal Discharging
RPL061	29	'644361052_/644361019_2'	10	10	10	1.848	1.5	10	5.71 No	1.5	Element Fault
RPL061	30	'6212186_/385258509'	10	10	10	1.848	10	10	5.71 No	1.848	Thermal Discharging
RPL061	31	'6212060_/6212058'	10	10	10	1.848	10	10	5.71 No	1.848	Thermal Discharging
RPL061	32	'8074345_/8074343_1'	10	10	10	1.848	1.6	10	5.71 No	1.6	Element Fault
RPL061	33	'9015133_/9015131_1'	10	10	10	1.848	1.5	10	5.71 No	1.5	Element Fault
RPL061	34	'6215576_/6215573'	10	10	10	1.848	10	10	5.71 No	1.848	Thermal Discharging
RPL061	35	'43868504_/43868506'	10	10	10	1.848	10	10	5.71 No	1.848	Thermal Discharging
RPL061	36	'6217367_/6217364'	3.33	3.33	3.33	0.616	1.5	3.33	1.9 No	0.616	Thermal Discharging
RPL061	37	'43871249_/6215610'	10	10	10	1.848	10	10	5.71 No	1.848	Thermal Discharging
RPL061	38	'43868491_/43868493'	10	10	10	1.848	10	10	5.71 No	1.848	Thermal Discharging
RPL061	39	'9015134_/9015131_2'	10	10	10	1.848	1.5	10	5.71 No	1.5	Element Fault
RPL061	40	'6215629_/6215644'	10	10	10	1.848	10	10	5.71 No	1.848	Thermal Discharging
RPL061	41	'7751862_/7751859_2'	10	10	10	1.848	1.5	10	5.71 No	1.5	Element Fault
RPL061	42	'6212481_/6212479'	10	10	10	1.848	10	10	5.71 No	1.848	Thermal Discharging
RPL061	43	'8069565_/8069563_1'	10	10	10	1.848	2.5	10	5.71 No	1.848	Thermal Discharging
RPL061	44	'7438963_/8387828_1'	10	10	10	1.848	1.5	10	5.71 No	1.5	Element Fault
RPL061	45	'43871262_/6215627'	10	10	10	1.848	10	10	5.71 No	1.848	Thermal Discharging
RPL061	46	'6212516_/6212530'	10	10	10	1.848	10	10	5.71 No	1.848	Thermal Discharging
RPL061	47	'9644968_/9644965_2'	10	10	10	1.848	1.5	10	5.71 No	1.5	Element Fault
RPL061	48	'6212499_/6212513'	10	10	10	1.848	10	10	5.71 No	1.848	Thermal Discharging
RPL061	49	'7439636_/644361019_1'	10	10	10	1.848	0.9	10	5.71 No	0.9	Element Fault
RPL061	50	'409146205_/404205629_1'	10	10	10	1.848	2.7	10	5.71 No	1.848	Thermal Discharging
RPL061	51	'6202049_/6212496'	10	10	10	1.848	10	10	5.71 No	1.848	Thermal Discharging
RPL061	52	'6202066_/6202080_2'	10	10	10	1.848	4.8	10	5.71 No	1.848	Thermal Discharging
RPL061	53	'43868683_/43871264'	10	10	10	1.848	10	10	5.71 No	1.848	Thermal Discharging
RPL061	54	'51032601_/43868467_2'	10	10	10	1.848	4.7	10	5.71 No	1.848	Thermal Discharging
RPL061	55	'6219478_/7107045'	10	10	10	1.848	10	10	5.71 No	1.848	Thermal Discharging
RPL061	56	'8074346_/8074343_2'	10	10	10	1.848	1.6	10	5.71 No	1.6	Element Fault
RPL061	57	'413392172_/6219648_1'	10	10	10	1.848	1.7	10	5.71 No	1.7	Element Fault
RPL061	58	'6202082_/6202080_1'	10	10	10	1.848	1.7	10	5.71 No	1.7	Element Fault
RPL061	59	'43868670_/6212385'	10	10	10	1.848	10	10	5.71 No	1.848	Thermal Discharging
RPL061	60	'8387831_/8387828_2'	10	10	10	1.848	1.5	10	5.71 No	1.5	Element Fault
RPL061	61	'7439596_/7439594_1'	10	10	10	1.848	1.1	10	5.71 No	1.1	Element Fault
RPL061	62	'43868465_/43868467_1'	10	10	10	1.848	1.5	10	5.71 No	1.5	Element Fault
RPL061	63	'6211429_/43868672'	10	10	10	1.848	10	10	5.71 No	1.848	Thermal Discharging
RPL061	64	'43872433_/6219648_2'	10	10	10	1.848	1.7	10	5.71 No	1.7	Element Fault
RPL061	65	'6212404_/6212999'	10	10	10	1.848	10	10	5.71 No	1.848	Thermal Discharging
RPL061	66	'6205379_/6212402'	10	10	10	1.848	10	10	5.71 No	1.848	Thermal Discharging
RPL061	67	'43868517_/6202097'	10	10	10	1.848	1.7	10	5.71 No	1.7	Element Fault
RPL061	68	'601208535_/601208366_2'	10	10	10	1.848	5.3	10	5.71 No	1.848	Thermal Discharging
RPL061	69	'49250713_/6211414_2'	3.33	3.33	3.33	0.616	1.1	3.33	1.9 No	0.616	Thermal Discharging
RPL061	70	'6212425_/6212422'	10	10	10	1.848	10	10	5.71 No	1.848	Thermal Discharging
RPL061	71	'8074365_/8387886'	10	10	10	1.848	1.6	10	5.71 No	1.6	Element Fault
RPL061	72	'6211400_/6211414_1'	3.33	3.33	3.33	0.616	0.5	3.33	1.9 No	0.5	Element Fault
RPL061	73	'7752605_/8069563_2'	10	10	10	1.848	2.5	10	5.71 No	1.848	Thermal Discharging
RPL061	74	'6204571_/43868709_1'	3.33	3.33	3.33	0.616	0.5	3.33	1.9 No	0.5	Element Fault
RPL061	75	'6204525_/6212439'	10	10	10	1.848	10	10	5.71 No	1.848	Thermal Discharging
RPL061	76	'7439597_/7439594_2'	10	10	10	1.848	1.1	10	5.71 No	1.1	Element Fault
RPL061	77	'6202120_/43868519'	10	10	10	1.848	1.7	10	5.71 No	1.7	Element Fault
RPL061	78	'6212368_/6212459'	10	10	10	1.848	10	10	5.71 No	1.848	Thermal Discharging
RPL061	79	'9330867_/9330864'	10	10	10	1.848	1.5	10	5.71 No	1.5	Element Fault
RPL061	80	'43868478_/6202029'	10	10	10	1.848	1.5	10	5.71 No	1.5	Element Fault
RPL061	81	'8074386_/8697740_1'	3.33	3.33	3.33	0.616	0.5	3.33	1.9 No	0.5	Element Fault
RPL061	82	'69051528_/6212365'	10	10	10	1.848	10	10	5.71 No	1.848	Thermal Discharging
RPL061	83	'6204526_/6204539_2'	3.33	3.33	3.33	0.616	1.1	3.33	1.9 No	0.616	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RPL061	84	'7752606_/7752603'		10	10	10	1.848	2.5	10	5.71 No	1.848 Thermal Discharging
RPL061	85	'69051541_/8388142_1'		10	10	10	1.848	10	10	5.71 No	1.848 Thermal Discharging
RPL061	86	'43868657_/43868659'		10	10	10	1.848	10	10	5.71 No	1.848 Thermal Discharging
RPL061	87	'43872446_/43872448'		10	10	10	1.848	1.7	10	5.71 No	1.7 Element Fault
RPL061	88	'6214303_/9015151_2'		10	10	10	1.848	4.3	10	5.71 No	1.848 Thermal Discharging
RPL061	89	'8388570_/9644749'		10	10	10	1.848	2.5	10	5.71 No	1.848 Thermal Discharging
RPL061	90	'7752586_/8388568'		10	10	10	1.848	2.5	10	5.71 No	1.848 Thermal Discharging
RPL061	91	'389237263_/8388142_2'		10	10	10	1.848	10	10	5.71 No	1.848 Thermal Discharging
RPL061	92	'43868578_/8388142_3'		10	10	10	1.848	10	10	5.71 No	1.848 Thermal Discharging
RPL061	93	'6204541_/6204539_1'	3.33	3.33	3.33	0.616	0.5	3.33	1.9 No	0.5 Element Fault	
RPL061	94	'6204510_/6212345'		10	10	10	1.848	10	10	5.71 No	1.848 Thermal Discharging
RPL061	95	'576907555_/8388182_1'		10	10	10	1.848	10	10	5.71 No	1.848 Thermal Discharging
RPL061	96	'6204570_/43868709_2'	3.33	3.33	3.33	0.616	0.5	3.33	1.9 No	0.5 Element Fault	
RPL061	97	'7438983_/404205629_2'		10	10	10	1.848	2.7	10	5.71 No	1.848 Thermal Discharging
RPL061	98	'7752565_/7752563'		10	10	10	1.848	2.5	10	5.71 No	1.848 Thermal Discharging
RPL061	99	'8388531_/9644705_1'		10	10	10	1.848	2.5	10	5.71 No	1.848 Thermal Discharging
RPL061	100	'9644708_/9644705_2'		10	10	10	1.848	2.5	10	5.71 No	1.848 Thermal Discharging
RPL061	101	'43868565_/43868567'		10	10	10	1.848	10	10	5.71 No	1.848 Thermal Discharging
RPL061	102	'576907518_/6204494_2'	3.33	3.33	3.33	0.616	1.1	3.33	1.9 No	0.616 Thermal Discharging	
RPL061	103	'6204583_/6212311'		10	10	10	1.848	10	10	5.71 No	1.848 Thermal Discharging
RPL061	104	'43868401_/6201903'		10	10	10	1.848	1.5	10	5.71 No	1.5 Element Fault
RPL061	105	'6211401_/6211398'	3.33	3.33	3.33	0.616	0.5	3.33	1.9 No	0.5 Element Fault	
RPL061	106	'6202137_/6202134'		10	10	10	1.848	1.7	10	5.71 No	1.7 Element Fault
RPL061	107	'8387968_/644361115'		10	10	10	1.848	0.9	10	5.71 No	0.9 Element Fault
RPL061	108	'6204584_/6207267_2'		10	10	10	1.848	3.4	10	5.71 No	1.848 Thermal Discharging
RPL061	109	'6204484_/6212291'		10	10	10	1.848	10	10	5.71 No	1.848 Thermal Discharging
RPL061	110	'6219518_/6219516'		10	10	10	1.848	1.7	10	5.71 No	1.7 Element Fault
RPL061	111	'6204468_/43868626_1'	3.33	3.33	3.33	0.616	0.5	3.33	1.9 No	0.5 Element Fault	
RPL061	112	'6212257_/6212274'		10	10	10	1.848	10	10	5.71 No	1.848 Thermal Discharging
RPL061	113	'9330986_/601208366_1'		10	10	10	1.848	1.5	10	5.71 No	1.5 Element Fault
RPL061	114	'8388530_/8388528'		10	10	10	1.848	2.5	10	5.71 No	1.848 Thermal Discharging
RPL061	115	'6202226_/6212254'		10	10	10	1.848	10	10	5.71 No	1.848 Thermal Discharging
RPL061	116	'9331544_/9644729'		10	10	10	1.848	1.5	10	5.71 No	1.5 Element Fault
RPL061	117	'43872354_/6219665'		10	10	10	1.848	1.7	10	5.71 No	1.7 Element Fault
RPL061	118	'6204558_/6204555'	3.33	3.33	3.33	0.616	0.5	3.33	1.9 No	0.5 Element Fault	
RPL061	119	'43872381_/43868403'		10	10	10	1.848	1.5	10	5.71 No	1.5 Element Fault
RPL061	120	'6204497_/6204494_1'	3.33	3.33	3.33	0.616	0.5	3.33	1.9 No	0.5 Element Fault	
RPL061	121	'6202208_/6212237'		10	10	10	1.848	10	10	5.71 No	1.848 Thermal Discharging
RPL061	122	'6202209_/6207247_1'		10	10	10	1.848	1.6	10	5.71 No	1.6 Element Fault
RPL061	123	'6204467_/43868626_2'	3.33	3.33	3.33	0.616	0.5	3.33	1.9 No	0.5 Element Fault	
RPL061	124	'43868591_/43868593'	3.33	3.33	3.33	0.616	1.1	3.33	1.9 No	0.616 Thermal Discharging	
RPL061	125	'7439617_/9644685'		10	10	10	1.848	2.5	10	5.71 No	1.848 Thermal Discharging
RPL061	126	'6205750_/6207267_1'		10	10	10	1.848	1.4	10	5.71 No	1.4 Element Fault
RPL061	127	'6202195_/6212217'		10	10	10	1.848	10	10	5.71 No	1.848 Thermal Discharging
RPL061	128	'6202225_/6202236_2'	3.33	3.33	3.33	0.616	1.1	3.33	1.9 No	0.616 Thermal Discharging	
RPL061	129	'43872459_/43872461'		10	10	10	1.848	10	10	5.71 No	1.848 Thermal Discharging
RPL061	130	'6219408_/6219405'		10	10	10	1.848	1.5	10	5.71 No	1.5 Element Fault
RPL061	131	'6205436_/6207247_2'		10	10	10	1.848	1.6	10	5.71 No	1.6 Element Fault
RPL061	132	'476694663_/476694667'		10	10	10	1.848	10	10	5.71 No	1.848 Thermal Discharging
RPL061	133	'6219391_/43872369'		10	10	10	1.848	1.7	10	5.71 No	1.7 Element Fault
RPL061	134	'43868543_/6202193'	3.33	3.33	3.33	0.616	1.1	3.33	1.9 No	0.616 Thermal Discharging	
RPL061	135	'6220834_/6220851'		10	10	10	1.848	10	10	5.71 No	1.848 Thermal Discharging
RPL061	136	'8697743_/8697740_2'	3.33	3.33	3.33	0.616	0.5	3.33	1.9 No	0.5 Element Fault	
RPL061	137	'37960387_/8388182_2'		10	10	10	1.848	10	10	5.71 No	1.848 Thermal Discharging
RPL061	138	'405016683_/37960384'		10	10	10	1.848	10	10	5.71 No	1.848 Thermal Discharging
RPL061	139	'37960380_/37960377'		10	10	10	1.848	4.9	10	5.71 No	1.848 Thermal Discharging
RPL061	140	'37960408_/37960405'		10	10	10	1.848	10	10	5.71 No	1.848 Thermal Discharging
RPL061	141	'405016690_/37960391'		10	10	10	1.848	10	10	5.71 No	1.848 Thermal Discharging
RPL061	142	'7439616_/7439614'		10	10	10	1.848	2.5	10	5.71 No	1.848 Thermal Discharging
RPL061	143	'476694738_/476694717_1'	3.33	3.33	3.33	0.616	0.5	3.33	1.9 No	0.5 Element Fault	
RPL061	144	'6202153_/6202151_1'	3.33	3.33	3.33	0.616	0.5	3.33	1.9 No	0.5 Element Fault	
RPL061	145	'6219638_/6220831'		10	10	10	1.848	10	10	5.71 No	1.848 Thermal Discharging
RPL061	146	'576907568_/6219635_2'	3.33	3.33	3.33	0.616	1.4	3.33	1.9 No	0.616 Thermal Discharging	
RPL061	147	'6219425_/6219422'		10	10	10	1.848	1.5	10	5.71 No	1.5 Element Fault
RPL061	148	'7751902_/404205669'		10	10	10	1.848	2.7	10	5.71 No	1.848 Thermal Discharging
RPL061	149	'6220797_/6220814'		10	10	10	1.848	10	10	5.71 No	1.848 Thermal Discharging
RPL061	150	'6219621_/6219635_1'	3.33	3.33	3.33	0.616	0.5	3.33	1.9 No	0.5 Element Fault	
RPL061	151	'9018336_/9018353_2'		10	10	10	1.848	10	10	5.71 No	1.848 Thermal Discharging
RPL061	152	'6220777_/6220794'		10	10	10	1.848	10	10	5.71 No	1.848 Thermal Discharging
RPL061	153	'6211604_/9018353_1'		10	10	10	1.848	10	10	5.71 No	1.848 Thermal Discharging
RPL061	154	'74415101_/6220774'		10	10	10	1.848	10	10	5.71 No	1.848 Thermal Discharging
RPL061	155	'74415083_/6220959'		10	10	10	1.848	10	10	5.71 No	1.848 Thermal Discharging
RPL061	156	'6214456_/6215283'		10	10	10	1.848	10	10	5.71 No	1.848 Thermal Discharging
RPL061	157	'43868602_/6202236_1'	3.33	3.33	3.33	0.616	0.5	3.33	1.9 No	0.5 Element Fault	
RPL061	158	'6205437_/6205434'		10	10	10	1.848	1.6	10	5.71 No	1.6 Element Fault
RPL061	159	'6205394_/6214454'		10	10	10	1.848	10	10	5.71 No	1.848 Thermal Discharging
RPL061	160	'74415116_/6219559_2'		10	10	10	1.848	4.7	10	5.71 No	1.848 Thermal Discharging
RPL061	161	'6220251_/6220871'		10	10	10	1.848	10	10	5.71 No	1.848 Thermal Discharging
RPL061	162	'6205395_/6205405_2'	3.33	3.33	3.33	0.616	1	3.33	1.9 No	0.616 Thermal Discharging	
RPL061	163	'6202239_/6202249_1'	3.33	3.33	3.33	0.616	0.5	3.33	1.9 No	0.5 Element Fault	
RPL061	164	'43868959_/6211602'	3.33	3.33	3.33	0.616	1	3.33	1.9 No	0.616 Thermal Discharging	
RPL061	165	'6220092_/6220888'		10	10	10	1.848	10	10	5.71 No	1.848 Thermal Discharging
RPL061	166	'8387908_/9015151_1'		10	10	10	1.848	1.5	10	5.71 No	1.5 Element Fault
RPL061	167	'6205197_/6214471'		10	10	10	1.848	10	10	5.71 No	1.848 Thermal Discharging
RPL061	168	'6205107_/6205405_1'	3.33	3.33	3.33	0.616	0.5	3.33	1.9 No	0.5 Element Fault	
RPL061	169	'6211605_/6211615_1'	3.33	3.33	3.33	0.616	0.5	3.33	1.9 No	0.5 Element Fault	
RPL061	170	'6205196_/43871425_1'	6.67	6.67	6.67	1.232	1	6.67	3.81 No	1 Element Fault	
RPL061	171	'6220911_/6220908'		10	10	10	1.848	10	10	5.71 No	1.848 Thermal Discharging
RPL061	172	'6220093_/6220264_2'	3.33	3.33	3.33	0.616	1.1	3.33	1.9 No	0.616 Thermal Discharging	
RPL061	173	'6205751_/6205748'		10	10	10	1.848	1.4	10	5.71 No	1.4 Element Fault
RPL061	174	'6221396_/6221393'	3.33	3.33	3.33	0.616	0.5	3.33	1.9 No	0.5 Element Fault	
RPL061	175	'69051584_/6214491_1'		10	10	10	1.848	10	10	5.71 No	1.848 Thermal Discharging
RPL061	176	'6205423_/6214491_2'		10	10	10	1.848	10	10	5.71 No	1.848 Thermal Discharging
RPL061	177	'8074755_/8074753'		10	10	10	1.848	4.9	10	5.71 No	1.848 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
											VSR (MW)	Limiting Threshold
RPL061	178	'43873292_/_6223546'		10	10	10	1.848	10	10	5.71 No	1.848	Thermal Discharging
RPL061	179	'50755921_/_6205117_1'		3.33	3.33	3.33	0.616	0.5	3.33	1.9 No	0.5	Element Fault
RPL061	180	'6216448_/_6216445'		10	10	10	1.848	10	10	5.71 No	1.848	Thermal Discharging
RPL061	181	'6216468_/_6216465'		10	10	10	1.848	10	10	5.71 No	1.848	Thermal Discharging
RPL061	182	'121820890_/_8697868'		10	10	10	1.848	4.9	10	5.71 No	1.848	Thermal Discharging
RPL061	183	'7439002_/_112730603'		10	10	10	1.848	2.7	10	5.71 No	1.848	Thermal Discharging
RPL061	184	'8698571_/_9331642_1'		10	10	10	1.848	1.5	10	5.71 No	1.5	Element Fault
RPL061	185	'6214510_/_6216482'		10	10	10	1.848	10	10	5.71 No	1.848	Thermal Discharging
RPL061	186	'6220927_/_43873294'		10	10	10	1.848	10	10	5.71 No	1.848	Thermal Discharging
RPL061	187	'6219561_/_6219559_1'		10	10	10	1.848	2.4	10	5.71 No	1.848	Thermal Discharging
RPL061	188	'43868970_/_6214508'		10	10	10	1.848	10	10	5.71 No	1.848	Thermal Discharging
RPL061	189	'476694548_/_476694717_2'		3.33	3.33	3.33	0.616	0.5	3.33	1.9 No	0.5	Element Fault
RPL061	190	'69051592_/_6205117_2'		3.33	3.33	3.33	0.616	0.5	3.33	1.9 No	0.5	Element Fault
RPL061	191	'126956564_/_601208476'		10	10	10	1.848	1.5	10	5.71 No	1.5	Element Fault
RPL061	192	'6220108_/_6220925'		10	10	10	1.848	10	10	5.71 No	1.848	Thermal Discharging
RPL061	193	'415549742_/_415549688_1'		10	10	10	1.848	1.5	10	5.71 No	1.5	Element Fault
RPL061	194	'43871013_/_6215465'		10	10	10	1.848	10	10	5.71 No	1.848	Thermal Discharging
RPL061	195	'6220109_/_6220277_2'		3.33	3.33	3.33	0.616	1.5	3.33	1.9 No	0.616	Thermal Discharging
RPL061	196	'6219582_/_6219579'		10	10	10	1.848	2.4	10	5.71 No	1.848	Thermal Discharging
RPL061	197	'6205136_/_6205117_3'		3.33	3.33	3.33	0.616	0.5	3.33	1.9 No	0.5	Element Fault
RPL061	198	'8069885_/_8069883_1'		10	10	10	1.848	1.5	10	5.71 No	1.5	Element Fault
RPL061	199	'6220945_/_6220942'		10	10	10	1.848	10	10	5.71 No	1.848	Thermal Discharging
RPL061	200	'6205454_/_6205451'		10	10	10	1.848	1.6	10	5.71 No	1.6	Element Fault
RPL061	201	'6224092_/_6224089'		10	10	10	1.848	10	10	5.71 No	1.848	Thermal Discharging
RPL061	202	'8074366_/_9331542_1'		10	10	10	1.848	1.6	10	5.71 No	1.6	Element Fault
RPL061	203	'126956507_/_558767454'		10	10	10	1.848	1.5	10	5.71 No	1.5	Element Fault
RPL061	204	'53093335_/_53093277_1'		10	10	10	1.848	1.5	10	5.71 No	1.5	Element Fault
RPL061	205	'43871072_/_6213370'		3.33	3.33	3.33	0.616	1.1	3.33	1.9 No	0.616	Thermal Discharging
RPL061	206	'6202154_/_6202151_2'		3.33	3.33	3.33	0.616	0.5	3.33	1.9 No	0.5	Element Fault
RPL061	207	'8074326_/_345791545'		10	10	10	1.848	2.5	10	5.71 No	1.848	Thermal Discharging
RPL061	208	'6202252_/_6202249_2'		3.33	3.33	3.33	0.616	0.5	3.33	1.9 No	0.5	Element Fault
RPL061	209	'6224109_/_6224106'		10	10	10	1.848	10	10	5.71 No	1.848	Thermal Discharging
RPL061	210	'6220209_/_6220206'		3.33	3.33	3.33	0.616	0.8	3.33	1.9 No	0.616	Thermal Discharging
RPL061	211	'6213360_/_6213357_2'		3.33	3.33	3.33	0.616	1.1	3.33	1.9 No	0.616	Thermal Discharging
RPL061	212	'121820818_/_121820896'		10	10	10	1.848	4.9	10	5.71 No	1.848	Thermal Discharging
RPL061	213	'50765520_/_6224123'		10	10	10	1.848	10	10	5.71 No	1.848	Thermal Discharging
RPL061	214	'6216762_/_43871425_2'		6.67	6.67	6.67	1.232	1	6.67	3.81 No	1	Element Fault
RPL061	215	'6219685_/_6220277_1'		3.33	3.33	3.33	0.616	0.5	3.33	1.9 No	0.5	Element Fault
RPL061	216	'6205093_/_6211615_2'		3.33	3.33	3.33	0.616	0.5	3.33	1.9 No	0.5	Element Fault
RPL061	217	'6224006_/_50765517'		10	10	10	1.848	10	10	5.71 No	1.848	Thermal Discharging
RPL061	218	'6224007_/_6224033_1'		3.33	3.33	3.33	0.616	0.5	3.33	1.9 No	0.5	Element Fault
RPL061	219	'7752270_/_121820824'		10	10	10	1.848	4.9	10	5.71 No	1.848	Thermal Discharging
RPL061	220	'6205106_/_6205104'		3.33	3.33	3.33	0.616	0.5	3.33	1.9 No	0.5	Element Fault
RPL061	221	'6224143_/_6224140'		10	10	10	1.848	10	10	5.71 No	1.848	Thermal Discharging
RPL061	222	'121820781_/_7752267'		10	10	10	1.848	4.9	10	5.71 No	1.848	Thermal Discharging
RPL061	223	'7439003_/_112730647'		10	10	10	1.848	2.7	10	5.71 No	1.848	Thermal Discharging
RPL061	224	'6215812_/_6215809'		3.33	3.33	3.33	0.616	0.5	3.33	1.9 No	0.5	Element Fault
RPL061	225	'9331645_/_9331642_2'		10	10	10	1.848	1.5	10	5.71 No	1.5	Element Fault
RPL061	226	'6205768_/_6205765'		10	10	10	1.848	1.4	10	5.71 No	1.4	Element Fault
RPL061	227	'7439537_/_8074323'		10	10	10	1.848	2.5	10	5.71 No	1.848	Thermal Discharging
RPL061	228	'6205152_/_6205149'		3.33	3.33	3.33	0.616	0.5	3.33	1.9 No	0.5	Element Fault
RPL061	229	'6224160_/_6224157'		10	10	10	1.848	10	10	5.71 No	1.848	Thermal Discharging
RPL061	230	'6224036_/_6224033_2'		3.33	3.33	3.33	0.616	0.5	3.33	1.9 No	0.5	Element Fault
RPL061	231	'43872179_/_43872181'		3.33	3.33	3.33	0.616	1.2	3.33	1.9 No	0.616	Thermal Discharging
RPL061	232	'43872705_/_6224174'		10	10	10	1.848	10	10	5.71 No	1.848	Thermal Discharging
RPL061	233	'6219755_/_6220264_1'		3.33	3.33	3.33	0.616	0.5	3.33	1.9 No	0.5	Element Fault
RPL061	234	'7440168_/_476694554'		3.33	3.33	3.33	0.616	0.5	3.33	1.9 No	0.5	Element Fault
RPL061	235	'6218440_/_43872170_2'		3.33	3.33	3.33	0.616	1.1	3.33	1.9 No	0.616	Thermal Discharging
RPL061	236	'6224019_/_43872707'		10	10	10	1.848	10	10	5.71 No	1.848	Thermal Discharging
RPL061	237	'348672548_/_348672417'		10	10	10	1.848	2.7	10	5.71 No	1.848	Thermal Discharging
RPL061	238	'8069886_/_8069883_2'		10	10	10	1.848	1.5	10	5.71 No	1.5	Element Fault
RPL061	239	'6205471_/_6205468'		10	10	10	1.848	1.6	10	5.71 No	1.6	Element Fault
RPL061	240	'6226039_/_6226036'		10	10	10	1.848	10	10	5.71 No	1.848	Thermal Discharging
RPL061	241	'121820856_/_121820787'		10	10	10	1.848	4.9	10	5.71 No	1.848	Thermal Discharging
RPL061	242	'53093270_/_53093277_2'		10	10	10	1.848	1.5	10	5.71 No	1.5	Element Fault
RPL061	243	'9015246_/_9644181_1'		10	10	10	1.848	1	10	5.71 No	1	Element Fault
RPL061	244	'43872538_/_43872540'		3.33	3.33	3.33	0.616	0.5	3.33	1.9 No	0.5	Element Fault
RPL061	245	'6224020_/_6224059_1'		3.33	3.33	3.33	0.616	0.5	3.33	1.9 No	0.5	Element Fault
RPL061	246	'43873750_/_6226053'		10	10	10	1.848	10	10	5.71 No	1.848	Thermal Discharging
RPL061	247	'6205165_/_6205162'		3.33	3.33	3.33	0.616	0.5	3.33	1.9 No	0.5	Element Fault
RPL061	248	'6202170_/_6202167_1'		3.33	3.33	3.33	0.616	0.5	3.33	1.9 No	0.5	Element Fault
RPL061	249	'6223925_/_6223923_2'		3.33	3.33	3.33	0.616	0.5	3.33	1.9 No	0.5	Element Fault
RPL061	250	'43871083_/_6213357_1'		3.33	3.33	3.33	0.616	0.5	3.33	1.9 No	0.5	Element Fault
RPL061	251	'6204290_/_6204303'		3.33	3.33	3.33	0.616	0.5	3.33	1.9 No	0.5	Element Fault
RPL061	252	'43868554_/_6202167_2'		3.33	3.33	3.33	0.616	0.5	3.33	1.9 No	0.5	Element Fault
RPL061	253	'6205094_/_6205091'		3.33	3.33	3.33	0.616	0.5	3.33	1.9 No	0.5	Element Fault
RPL061	254	'6242285_/_43873752'		10	10	10	1.848	10	10	5.71 No	1.848	Thermal Discharging
RPL061	255	'6242344_/_6242341'		10	10	10	1.848	10	10	5.71 No	1.848	Thermal Discharging
RPL061	256	'7752269_/_121820861'		10	10	10	1.848	4.9	10	5.71 No	1.848	Thermal Discharging
RPL061	257	'6242286_/_6242283'		6.67	6.67	6.67	1.232	2.3	6.67	3.81 No	1.232	Thermal Discharging
RPL061	258	'6216825_/_6216823'		3.33	3.33	3.33	0.616	0.5	3.33	1.9 No	0.5	Element Fault
RPL061	259	'6204289_/_43868637'		3.33	3.33	3.33	0.616	0.5	3.33	1.9 No	0.5	Element Fault
RPL061	260	'6223926_/_6223923_1'		3.33	3.33	3.33	0.616	0.5	3.33	1.9 No	0.5	Element Fault
RPL061	261	'7439536_/_7439534'		9.5	10	10	1.848	2.5	10	5.71 No	1.848	Thermal Discharging
RPL061	262	'6242364_/_6242361'		10	10	10	1.848	10	10	5.71 No	1.848	Thermal Discharging
RPL061	263	'6242306_/_6242378'		10	10	10	1.848	10	10	5.71 No	1.848	Thermal Discharging
RPL061	264	'9644184_/_9644181_2'		10	10	10	1.848	1	10	5.71 No	1	Element Fault
RPL061	265	'43872168_/_43872170_1'		3.33	3.33	3.33	0.616	1.1	3.33	1.9 No	0.616	Thermal Discharging
RPL061	266	'6205488_/_6205485'		10	10	10	1.848	1.6	10	5.71 No	1.6	Element Fault
RPL061	267	'43877250_/_6242304'		10	10	10	1.848	10	10	5.71 No	1.848	Thermal Discharging
RPL061	268	'7753020_/_415549688_2'		10	10	10	1.848	1.5	10	5.71 No	1.5	Element Fault
RPL061	269	'6242082_/_6242324'		10	10	10	1.848	10	10	5.71 No	1.848	Thermal Discharging
RPL061	270	'6223939_/_6223936'		3.33	3.33	3.33	0.616	0.5	3.33	1.9 No	0.5	Element Fault
RPL061	271	'6242083_/_6242080'		10	10	10	1.848	10	10	5.71 No	1.848	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RPL061	272	'6205181_/_6205178'	3.33		3.33	3.33	0.616	0.5	3.33	1.9 No	0.5 Element Fault
RPL061	273	'7752489_/_348672353'	5.1		10	10	1.848	2.7	10	5.71 No	1.848 Thermal Discharging
RPL061	274	'9018395_/_9644625'	8		10	10	1.848	2.5	10	5.71 No	1.848 Thermal Discharging
RPL061	275	'6242100_/_6242097'	10		10	10	1.848	10	10	5.71 No	1.848 Thermal Discharging
RPL061	276	'6242120_/_6242117'	10		10	10	1.848	10	10	5.71 No	1.848 Thermal Discharging
RPL061	277	'6204318_/_6204342'	3.33		3.33	3.33	0.616	0.5	3.33	1.9 No	0.5 Element Fault
RPL061	278	'6219756_/_6219753'	3.33		3.33	3.33	0.616	0.5	3.33	1.9 No	0.5 Element Fault
RPL061	279	'6223980_/_6224059_2'	3.33		3.33	3.33	0.616	0.5	3.33	1.9 No	0.5 Element Fault
RPL061	280	'8387909_/_8387906'	7.3		10	10	1.848	1.5	10	5.71 No	1.5 Element Fault
RPL061	281	'8389577_/_8699534_2'	10		10	10	1.848	5.3	10	5.71 No	1.848 Thermal Discharging
RPL061	282	'8697759_/_9015581'	10		10	10	1.848	4.9	10	5.71 No	1.848 Thermal Discharging
RPL061	283	'69051647_/_6242410_1'	3.33		3.33	3.33	0.616	0.5	3.33	1.9 No	0.5 Element Fault
RPL061	284	'69051652_/_6242462_1'	3.33		3.33	3.33	0.616	0.5	3.33	1.9 No	0.5 Element Fault
RPL061	285	'6242137_/_6242134'	10		10	10	1.848	10	10	5.71 No	1.848 Thermal Discharging
RPL061	286	'6207101_/_6213344'	3.33		3.33	3.33	0.616	0.5	3.33	1.9 No	0.5 Element Fault
RPL061	287	'43872505_/_43872507'	3.33		3.33	3.33	0.616	0.5	3.33	1.9 No	0.5 Element Fault
RPL061	288	'6242154_/_6242151'	10		10	10	1.848	10	10	5.71 No	1.848 Thermal Discharging
RPL061	289	'6202183_/_43868556'	3.33		3.33	3.33	0.616	0.5	3.33	1.9 No	0.5 Element Fault
RPL061	290	'8699536_/_8699534_1'	10		10	10	1.848	1.5	10	5.71 No	1.5 Element Fault
RPL061	291	'9018914_/_9018911'	10		10	10	1.848	1.5	10	5.71 No	1.5 Element Fault
RPL061	292	'6242171_/_6242168'	10		10	10	1.848	10	10	5.71 No	1.848 Thermal Discharging
RPL061	293	'6242443_/_6242410_2'	3.33		3.33	3.33	0.616	0.5	3.33	1.9 No	0.5 Element Fault
RPL061	294	'7752546_/_9018393'	6.1		10	10	1.848	2.5	10	5.71 No	1.848 Thermal Discharging
RPL061	295	'6242188_/_6242185'	10		10	10	1.848	10	10	5.71 No	1.848 Thermal Discharging
RPL061	296	'7440321_/_9646367_2'	10		10	10	1.848	5.3	10	5.71 No	1.848 Thermal Discharging
RPL061	297	'6223968_/_6223965'	3.33		3.33	3.33	0.616	0.5	3.33	1.9 No	0.5 Element Fault
RPL061	298	'43872549_/_6223949'	3.33		3.33	3.33	0.616	0.5	3.33	1.9 No	0.5 Element Fault
RPL061	299	'6242205_/_6242202'	10		10	10	1.848	10	10	5.71 No	1.848 Thermal Discharging
RPL061	300	'6218414_/_6218424'	3.33		3.33	3.33	0.616	1.1	3.33	1.9 No	0.616 Thermal Discharging
RPL061	301	'6242222_/_6242219'	10		10	10	1.848	10	10	5.71 No	1.848 Thermal Discharging
RPL061	302	'6242239_/_6242236'	10		10	10	1.848	10	10	5.71 No	1.848 Thermal Discharging
RPL061	303	'6211686_/_6211683'	2.6		3.33	3.33	0.616	0.5	3.33	1.9 No	0.5 Element Fault
RPL061	304	'7440169_/_7440166'	3.33		3.33	3.33	0.616	0.5	3.33	1.9 No	0.5 Element Fault
RPL061	305	'7754191_/_9646367_1'	10		10	10	1.848	1.5	10	5.71 No	1.5 Element Fault
RPL061	306	'6242256_/_6242253'	10		10	10	1.848	10	10	5.71 No	1.848 Thermal Discharging
RPL061	307	'6211698_/_6211696_1'	2.37		3.33	3.33	0.616	0.3	3.33	1.9 No	0.3 Element Fault
RPL061	308	'43872190_/_6218981'	3.33		3.33	3.33	0.616	1	3.33	1.9 No	0.616 Thermal Discharging
RPL061	309	'6214096_/_6214093'	2.63		3.33	3.33	0.616	0.5	3.33	1.9 No	0.5 Element Fault
RPL061	310	'7752490_/_112730710'	5.2		10	10	1.848	2.7	10	5.71 No	1.848 Thermal Discharging
RPL061	311	'6218984_/_6218994_1'	3.33		3.33	3.33	0.616	0.2	3.33	1.9 No	0.2 Element Fault
RPL061	312	'43872483_/_6219766'	3.33		3.33	3.33	0.616	0.5	3.33	1.9 No	0.5 Element Fault
RPL061	313	'8697758_/_8697756'	6.4		10	10	1.848	4.9	10	5.71 No	1.848 Thermal Discharging
RPL061	314	'6204319_/_6204316'	2		3.33	3.33	0.616	0.5	3.33	1.9 No	0.5 Element Fault
RPL061	315	'9330987_/_558767531'	4.4		10	10	1.848	1.5	10	5.71 No	1.5 Element Fault
RPL061	316	'446210549_/_7752543'	4.7		10	10	1.848	2.5	10	5.71 No	1.848 Thermal Discharging
RPL061	317	'6206283_/_6207098'	2.27		3.33	3.33	0.616	0.5	3.33	1.9 No	0.5 Element Fault
RPL061	318	'6223952_/_43872551'	3.33		3.33	3.33	0.616	0.5	3.33	1.9 No	0.5 Element Fault
RPL061	319	'6205872_/_6206280'	2.13		3.33	3.33	0.616	0.5	3.33	1.9 No	0.5 Element Fault
RPL061	320	'6242397_/_6242441'	3.33		3.33	3.33	0.616	0.5	3.33	1.9 No	0.5 Element Fault
RPL061	321	'8697722_/_348672516'	2.43		3.33	3.33	0.616	0.9	3.33	1.9 No	0.616 Thermal Discharging
RPL061	322	'459103085_/_6214106'	1.8		3.33	3.33	0.616	0.5	3.33	1.9 No	0.5 Element Fault
RPL061	323	'6218401_/_6218411'	3.33		3.33	3.33	0.616	1.1	3.33	1.9 No	0.616 Thermal Discharging
RPL061	324	'6204357_/_6211696_2'	1.67		3.33	3.33	0.616	0.3	3.33	1.9 No	0.3 Element Fault
RPL061	325	'8388493_/_404205709'	5.3		10	10	1.848	2.7	10	5.71 No	1.848 Thermal Discharging
RPL061	326	'43872201_/_6218994_2'	3.33		3.33	3.33	0.616	0.2	3.33	1.9 No	0.2 Element Fault
RPL061	327	'43872582_/_6223978'	3.33		3.33	3.33	0.616	0.5	3.33	1.9 No	0.5 Element Fault
RPL061	328	'6205859_/_6205869'	1.8		3.33	3.33	0.616	0.5	3.33	1.9 No	0.5 Element Fault
RPL061	329	'7752510_/_7752523'	2.9		10	10	1.848	2.5	10	5.71 No	1.848 Thermal Discharging
RPL061	330	'7753039_/_7753037_1'	5		10	10	1.848	1.5	10	5.71 No	1.5 Element Fault
RPL061	331	'6214109_/_459103089'	1.5		3.33	3.33	0.616	0.5	3.33	1.9 No	0.5 Element Fault
RPL061	332	'43872516_/_6219698'	1.77		3.33	3.33	0.616	0.5	3.33	1.9 No	0.5 Element Fault
RPL061	333	'6205953_/_6207111'	1.63		3.33	3.33	0.616	0.5	3.33	1.9 No	0.5 Element Fault
RPL061	334	'6219010_/_6219007'	3.33		3.33	3.33	0.616	0.2	3.33	1.9 No	0.2 Element Fault
RPL061	335	'348672349_/_348672527'	1.87		3.33	3.33	0.616	0.9	3.33	1.9 No	0.616 Thermal Discharging
RPL061	336	'6211728_/_6211725'	1.4		3.33	3.33	0.616	0.5	3.33	1.9 No	0.5 Element Fault
RPL061	337	'6219781_/_43872485'	1.57		3.33	3.33	0.616	0.5	3.33	1.9 No	0.5 Element Fault
RPL061	338	'8738927_/_8738924'	1.73		3.33	3.33	0.616	0.5	3.33	1.9 No	0.5 Element Fault
RPL061	339	'6204332_/_6204329'	1.37		3.33	3.33	0.616	0.5	3.33	1.9 No	0.5 Element Fault
RPL061	340	'6218388_/_6218398'	2.57		3.33	3.33	0.616	1.1	3.33	1.9 No	0.616 Thermal Discharging
RPL061	341	'7107256_/_7107253'	3.33		3.33	3.33	0.616	0.5	3.33	1.9 No	0.5 Element Fault
RPL061	342	'6211631_/_6211628'	1.5		3.33	3.33	0.616	0.5	3.33	1.9 No	0.5 Element Fault
RPL061	343	'6204276_/_6204384'	1.33		3.33	3.33	0.616	0.3	3.33	1.9 No	0.3 Element Fault
RPL061	344	'7754192_/_7754189'	10		10	10	1.848	1.5	10	5.71 No	1.5 Element Fault
RPL061	345	'8074951_/_8388510'	2.9		10	10	1.848	2.5	10	5.71 No	1.848 Thermal Discharging
RPL061	346	'6219023_/_6219020'	2.2		3.33	3.33	0.616	0.2	3.33	1.9 No	0.2 Element Fault
RPL061	347	'6242398_/_6242395'	3.33		3.33	3.33	0.616	0.5	3.33	1.9 No	0.5 Element Fault
RPL061	348	'9019492_/_9295012_1'	3.33		3.33	3.33	0.616	0.2	3.33	1.9 No	0.2 Element Fault
RPL061	349	'43869159_/_43869161'	1.43		3.33	3.33	0.616	0.5	3.33	1.9 No	0.5 Element Fault
RPL061	350	'8437778_/_8437776'	3.9		10	10	1.848	4.9	10	5.71 No	1.848 Thermal Discharging
RPL061	351	'6219714_/_43872518'	1.37		3.33	3.33	0.616	0.5	3.33	1.9 No	0.5 Element Fault
RPL061	352	'6223994_/_43872584'	1.5		3.33	3.33	0.616	0.5	3.33	1.9 No	0.5 Element Fault
RPL061	353	'6204358_/_6204355'	1.2		3.33	3.33	0.616	0.3	3.33	1.9 No	0.3 Element Fault
RPL061	354	'6214125_/_6214122'	1.17		3.33	3.33	0.616	0.5	3.33	1.9 No	0.5 Element Fault
RPL061	355	'43869181_/_6205950'	1.27		3.33	3.33	0.616	0.5	3.33	1.9 No	0.5 Element Fault
RPL061	356	'8698351_/_243754894'	3.9		10	10	1.848	2.7	10	5.71 No	1.848 Thermal Discharging
RPL061	357	'6211643_/_6211670'	1.27		3.33	3.33	0.616	0.5	3.33	1.9 No	0.5 Element Fault
RPL061	358	'43872212_/_6219033'	1.67		3.33	3.33	0.616	0.2	3.33	1.9 No	0.2 Element Fault
RPL061	359	'6204277_/_6204274'	1.1		3.33	3.33	0.616	0.3	3.33	1.9 No	0.3 Element Fault
RPL061	360	'6218375_/_6218385'	1.73		3.33	3.33	0.616	1.1	3.33	1.9 No	0.616 Thermal Discharging
RPL061	361	'6205833_/_6205843'	1.23		3.33	3.33	0.616	0.5	3.33	1.9 No	0.5 Element Fault
RPL061	362	'496979576_/_496979592'	5.7		10	10	1.848	1.5	10	5.71 No	1.5 Element Fault
RPL061	363	'43872472_/_6219779'	1.17		3.33	3.33	0.616	0.5	3.33	1.9 No	0.5 Element Fault
RPL061	364	'6205927_/_6205937'	1.2		3.33	3.33	0.616	0.5	3.33	1.9 No	0.5 Element Fault
RPL061	365	'7439577_/_404205650'	3.7		10	10	1.848	2.7	10	5.71 No	1.848 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
											VSR (MW)	Limiting Threshold
RPL061	366	'8074422_/_9015171'		3.3	10	10	1.848	4.9	10	5.71 No	1.848	Thermal Discharging
RPL061	367	'43877216_/_6242504'		1.47	3.33	3.33	0.616	0.5	3.33	1.9 No	0.5	Element Fault
RPL061	368	'345791590_/_345791429_1'		2.9	10	10	1.848	2.5	10	5.71 No	1.848	Thermal Discharging
RPL061	369	'8074421_/_8074419'		3.3	10	10	1.848	4.9	10	5.71 No	1.848	Thermal Discharging
RPL061	370	'6226177_/_6226174'		1.1	3.33	3.33	0.616	0.5	3.33	1.9 No	0.5	Element Fault
RPL061	371	'6226222_/_6226232_1'		1.1	3.33	3.33	0.616	0.3	3.33	1.9 No	0.3	Element Fault
RPL061	372	'9295015_/_9295012_2'		1.27	3.33	3.33	0.616	0.2	3.33	1.9 No	0.2	Element Fault
RPL061	373	'6205965_/_6211641'		1.07	3.33	3.33	0.616	0.5	3.33	1.9 No	0.5	Element Fault
RPL061	374	'8074931_/_345791448'		2.9	10	10	1.848	2.5	10	5.71 No	1.848	Thermal Discharging
RPL061	375	'6205820_/_6205830'		1.1	3.33	3.33	0.616	0.5	3.33	1.9 No	0.5	Element Fault
RPL061	376	'446210867_/_446210912'		1	3.33	3.33	0.616	0.83	3.33	1.9 No	0.616	Thermal Discharging
RPL061	377	'6260396_/_6260409'		1.23	3.33	3.33	0.616	0.5	3.33	1.9 No	0.5	Element Fault
RPL061	378	'6219214_/_6219211'		1.37	3.33	3.33	0.616	0.2	3.33	1.9 No	0.2	Element Fault
RPL061	379	'43869071_/_7106781'		1.03	3.33	3.33	0.616	0.5	3.33	1.9 No	0.5	Element Fault
RPL061	380	'43872744_/_6224211'		1.07	3.33	3.33	0.616	0.5	3.33	1.9 No	0.5	Element Fault
RPL061	381	'6226205_/_6226232_2'		1	3.33	3.33	0.616	0.3	3.33	1.9 No	0.3	Element Fault
RPL061	382	'446210522_/_446210886'		0.97	3.33	3.33	0.616	0.83	3.33	1.9 No	0.616	Thermal Discharging
RPL061	383	'6205914_/_6205924'		1.03	3.33	3.33	0.616	0.5	3.33	1.9 No	0.5	Element Fault
RPL061	384	'6218362_/_6218372'		1.4	3.33	3.33	0.616	1.1	3.33	1.9 No	0.616	Thermal Discharging
RPL061	385	'6211659_/_43869172'		1.03	3.33	3.33	0.616	0.5	3.33	1.9 No	0.5	Element Fault
RPL061	386	'458300037_/_458299978_1'		2.9	10	10	1.848	1.5	10	5.71 No	1.5	Element Fault
RPL061	387	'351476184_/_6218806_2'		1.37	3.33	3.33	0.616	1.1	3.33	1.9 No	0.616	Thermal Discharging
RPL061	388	'6219726_/_6226190'		0.93	3.33	3.33	0.616	0.5	3.33	1.9 No	0.5	Element Fault
RPL061	389	'6218808_/_6218806_1'		1.3	3.33	3.33	0.616	0.2	3.33	1.9 No	0.2	Element Fault
RPL061	390	'6205804_/_6205817'		1	3.33	3.33	0.616	0.5	3.33	1.9 No	0.5	Element Fault
RPL061	391	'9644152_/_9644165_1'		0.97	3.33	3.33	0.616	0.3	3.33	1.9 No	0.3	Element Fault
RPL061	392	'6205551_/_43869073'		0.9	3.33	3.33	0.616	0.5	3.33	1.9 No	0.5	Element Fault
RPL061	393	'6226098_/_6226109'		1.2	3.33	3.33	0.616	0.2	3.33	1.9 No	0.2	Element Fault
RPL061	394	'6204371_/_6204368'		0.83	3.33	3.33	0.616	0.3	3.33	1.9 No	0.3	Element Fault
RPL061	395	'6260397_/_6260394'		1.03	3.33	3.33	0.616	0.5	3.33	1.9 No	0.5	Element Fault
RPL061	396	'6219742_/_6226203'		0.9	3.33	3.33	0.616	0.3	3.33	1.9 No	0.3	Element Fault
RPL061	397	'43869192_/_6205963'		0.9	3.33	3.33	0.616	0.5	3.33	1.9 No	0.5	Element Fault
RPL061	398	'8070460_/_8740046_1'		1.03	3.33	3.33	0.616	0.2	3.33	1.9 No	0.2	Element Fault
RPL061	399	'43872157_/_43872159'		1.23	3.33	3.33	0.616	1.1	3.33	1.9 No	0.616	Thermal Discharging
RPL061	400	'6205913_/_6205911'		0.9	3.33	3.33	0.616	0.5	3.33	1.9 No	0.5	Element Fault
RPL061	401	'6226099_/_6226096'		1.1	3.33	3.33	0.616	0.2	3.33	1.9 No	0.2	Element Fault
RPL061	402	'43869148_/_43869150'		0.9	3.33	3.33	0.616	0.5	3.33	1.9 No	0.5	Element Fault
RPL061	403	'6218822_/_6218819'		1.13	3.33	3.33	0.616	0.2	3.33	1.9 No	0.2	Element Fault
RPL061	404	'6224214_/_43872746'		0.83	3.33	3.33	0.616	0.5	3.33	1.9 No	0.5	Element Fault
RPL061	405	'6204439_/_6204452'		0.77	3.33	3.33	0.616	0.3	3.33	1.9 No	0.3	Element Fault
RPL061	406	'43872527_/_6219724'		0.8	3.33	3.33	0.616	0.5	3.33	1.9 No	0.5	Element Fault
RPL061	407	'6231046_/_7107375'		0.9	3.33	3.33	0.616	0.5	3.33	1.9 No	0.5	Element Fault
RPL061	408	'6218835_/_6218832'		1.07	3.33	3.33	0.616	0.2	3.33	1.9 No	0.2	Element Fault
RPL061	409	'45085790_/_6205785'		0.83	3.33	3.33	0.616	0.5	3.33	1.9 No	0.5	Element Fault
RPL061	410	'6218336_/_6218346'		1.07	3.33	3.33	0.616	1.1	3.33	1.9 No	0.616	Thermal Discharging
RPL061	411	'43872494_/_6219740'		0.77	3.33	3.33	0.616	0.3	3.33	1.9 No	0.3	Element Fault
RPL061	412	'43869137_/_6213086'		0.8	3.33	3.33	0.616	0.5	3.33	1.9 No	0.5	Element Fault
RPL061	413	'6205966_/_43869194'		0.8	3.33	3.33	0.616	0.5	3.33	1.9 No	0.5	Element Fault
RPL061	414	'6204426_/_6204436'		0.73	3.33	3.33	0.616	0.3	3.33	1.9 No	0.3	Element Fault
RPL061	415	'8740049_/_8740046_2'		0.83	3.33	3.33	0.616	0.2	3.33	1.9 No	0.2	Element Fault
RPL061	416	'6204400_/_6204397'		0.7	3.33	3.33	0.616	0.3	3.33	1.9 No	0.3	Element Fault
RPL061	417	'6227188_/_6231044'		0.8	3.33	3.33	0.616	0.5	3.33	1.9 No	0.5	Element Fault
RPL061	418	'6205524_/_7106755'		0.73	3.33	3.33	0.616	0.5	3.33	1.9 No	0.5	Element Fault
RPL061	419	'6205901_/_6213099'		0.77	3.33	3.33	0.616	0.5	3.33	1.9 No	0.5	Element Fault
RPL061	420	'43868646_/_43868648'		0.7	3.33	3.33	0.616	0.3	3.33	1.9 No	0.3	Element Fault
RPL061	421	'43872135_/_6218495'		1	3.33	3.33	0.616	1.1	3.33	1.9 No	0.616	Thermal Discharging
RPL061	422	'7752845_/_9644165_2'		0.77	3.33	3.33	0.616	0.3	3.33	1.9 No	0.3	Element Fault
RPL061	423	'6218498_/_6218508_1'		0.97	3.33	3.33	0.616	0.2	3.33	1.9 No	0.2	Element Fault
RPL061	424	'6217403_/_7106849'		0.77	3.33	3.33	0.616	0.5	3.33	1.9 No	0.5	Element Fault
RPL061	425	'43872223_/_6218845'		0.93	3.33	3.33	0.616	0.2	3.33	1.9 No	0.2	Element Fault
RPL061	426	'7752846_/_7752843'		0.73	3.33	3.33	0.616	0.3	3.33	1.9 No	0.3	Element Fault
RPL061	427	'6218323_/_6218333'		0.97	3.33	3.33	0.616	1.1	3.33	1.9 No	0.616	Thermal Discharging
RPL061	428	'6204413_/_6204410'		0.63	3.33	3.33	0.616	0.3	3.33	1.9 No	0.3	Element Fault
RPL061	429	'6227189_/_6227186'		0.77	3.33	3.33	0.616	0.5	3.33	1.9 No	0.5	Element Fault
RPL061	430	'6205525_/_6205522'		0.67	3.33	3.33	0.616	0.5	3.33	1.9 No	0.5	Element Fault
RPL061	431	'6204425_/_6204423'		0.67	3.33	3.33	0.616	0.3	3.33	1.9 No	0.3	Element Fault
RPL061	432	'6205888_/_6205898'		0.7	3.33	3.33	0.616	0.5	3.33	1.9 No	0.5	Element Fault
RPL061	433	'6219918_/_43872496'		0.67	3.33	3.33	0.616	0.3	3.33	1.9 No	0.3	Element Fault
RPL061	434	'6218511_/_6218508_2'		0.93	3.33	3.33	0.616	0.2	3.33	1.9 No	0.2	Element Fault
RPL061	435	'8388691_/_8388688'		0.7	3.33	3.33	0.616	0.3	3.33	1.9 No	0.3	Element Fault
RPL061	436	'6218861_/_6218858'		0.87	3.33	3.33	0.616	0.2	3.33	1.9 No	0.2	Element Fault
RPL061	437	'6205505_/_6205535_1'		0.63	3.33	3.33	0.616	0.53	3.33	1.9 No	0.53	Element Fault
RPL061	438	'6218310_/_6218320'		0.9	3.33	3.33	0.616	1.1	3.33	1.9 No	0.616	Thermal Discharging
RPL061	439	'6227204_/_6227201'		0.7	3.33	3.33	0.616	0.5	3.33	1.9 No	0.5	Element Fault
RPL061	440	'6205887_/_6205885_2'		0.67	3.33	3.33	0.616	0.5	3.33	1.9 No	0.5	Element Fault
RPL061	441	'43869126_/_6205885_1'		0.67	3.33	3.33	0.616	0.5	3.33	1.9 No	0.5	Element Fault
RPL061	442	'6218524_/_6218521'		0.87	3.33	3.33	0.616	0.2	3.33	1.9 No	0.2	Element Fault
RPL061	443	'7106771_/_7106768'		0.6	3.33	3.33	0.616	0.3	3.33	1.9 No	0.3	Element Fault
RPL061	444	'6217404_/_6217401'		0.67	3.33	3.33	0.616	0.5	3.33	1.9 No	0.5	Element Fault
RPL061	445	'6218874_/_6218871'		0.8	3.33	3.33	0.616	0.2	3.33	1.9 No	0.2	Element Fault
RPL061	446	'6227219_/_6227216'		0.63	3.33	3.33	0.616	0.5	3.33	1.9 No	0.5	Element Fault
RPL061	447	'6206140_/_6206138'		0.63	3.33	3.33	0.616	0.5	3.33	1.9 No	0.5	Element Fault
RPL061	448	'6227236_/_7106865_2'		0.63	3.33	3.33	0.616	0.5	3.33	1.9 No	0.5	Element Fault
RPL061	449	'6218297_/_6218307'		0.8	3.33	3.33	0.616	1.1	3.33	1.9 No	0.616	Thermal Discharging
RPL061	450	'85931989_/_6218534'		0.8	3.33	3.33	0.616	0.2	3.33	1.9 No	0.2	Element Fault
RPL061	451	'6217417_/_6217414'		0.6	3.33	3.33	0.616	0.5	3.33	1.9 No	0.5	Element Fault
RPL061	452	'6214189_/_7106865_1'		0.6	3.33	3.33	0.616	0.2	3.33	1.9 No	0.2	Element Fault
RPL061	453	'6218887_/_6218884'		0.73	3.33	3.33	0.616	0.2	3.33	1.9 No	0.2	Element Fault
RPL061	454	'43869115_/_43869117'		0.6	3.33	3.33	0.616	0.5	3.33	1.9 No	0.5	Element Fault
RPL061	455	'6218271_/_6218281'		0.77	3.33	3.33	0.616	1.1	3.33	1.9 No	0.616	Thermal Discharging
RPL061	456	'6207084_/_9644201_2'		0.6	3.33	3.33	0.616	0.5	3.33	1.9 No	0.5	Element Fault
RPL061	457	'6218941_/_6218939'		0.73	3.33	3.33	0.616	0.2	3.33	1.9 No	0.2	Element Fault
RPL061	458	'6218900_/_6218897'		0.7	3.33	3.33	0.616	0.2	3.33	1.9 No	0.2	Element Fault
RPL061	459	'6218258_/_6218268'		0.73	3.33	3.33	0.616	1.1	3.33	1.9 No	0.616	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RPL061	460	'43869358_/6214187'	0.57	3.33	3.33	0.616	0.2	3.33	1.9 No	0.2	Element Fault
RPL061	461	'6218550_/6218547'	0.7	3.33	3.33	0.616	0.2	3.33	1.9 No	0.2	Element Fault
RPL061	462	'53709601_/53709421_1'	0.73	3.33	3.33	0.616	0.2	3.33	1.9 No	0.2	Element Fault
RPL061	463	'88919332_/6218599_1'	0.7	3.33	3.33	0.616	0.1	3.33	1.9 No	0.1	Element Fault
RPL061	464	'6218602_/6218599_2'	0.7	3.33	3.33	0.616	0.1	3.33	1.9 No	0.1	Element Fault
RPL061	465	'6218245_/6218255'	0.7	3.33	3.33	0.616	1.1	3.33	1.9 No	0.616	Thermal Discharging
RPL061	466	'6218563_/6218560'	0.67	3.33	3.33	0.616	0.2	3.33	1.9 No	0.2	Element Fault
RPL061	467	'53709414_/53709421_2'	0.67	3.33	3.33	0.616	0.2	3.33	1.9 No	0.2	Element Fault
RPL061	468	'8074519_/9644201_1'	0.53	3.33	3.33	0.616	0.3	3.33	1.9 No	0.3	Element Fault
RPL061	469	'6206458_/43869360'	0.5	3.33	3.33	0.616	0.2	3.33	1.9 No	0.2	Element Fault
RPL061	470	'43872113_/6218612'	0.67	3.33	3.33	0.616	0.1	3.33	1.9 No	0.1	Element Fault
RPL061	471	'6218588_/6218667'	0.67	3.33	3.33	0.616	0.2	3.33	1.9 No	0.2	Element Fault
RPL061	472	'43872234_/43872236'	0.63	3.33	3.33	0.616	0.2	3.33	1.9 No	0.2	Element Fault
RPL061	473	'6218232_/6218242'	0.67	3.33	3.33	0.616	1.1	3.33	1.9 No	0.616	Thermal Discharging
RPL061	474	'6218589_/43872070'	0.63	3.33	3.33	0.616	0.2	3.33	1.9 No	0.2	Element Fault
RPL061	475	'88919348_/6218693_1'	0.63	3.33	3.33	0.616	0.1	3.33	1.9 No	0.1	Element Fault
RPL061	476	'6218696_/6218693_2'	0.63	3.33	3.33	0.616	0.1	3.33	1.9 No	0.1	Element Fault
RPL061	477	'53709445_/53709452'	0.6	3.33	3.33	0.616	0.2	3.33	1.9 No	0.2	Element Fault
RPL061	478	'43872079_/6221628'	0.6	3.33	3.33	0.616	0.2	3.33	1.9 No	0.2	Element Fault
RPL061	479	'6218709_/6218706'	0.6	3.33	3.33	0.616	0.1	3.33	1.9 No	0.1	Element Fault
RPL061	480	'6218628_/43872115'	0.6	3.33	3.33	0.616	0.1	3.33	1.9 No	0.1	Element Fault
RPL061	481	'6218015_/6218229'	0.6	3.33	3.33	0.616	1.1	3.33	1.9 No	0.6	Primary Over-Voltage
RPL061	482	'8698850_/8698848_1'	0.6	3.33	3.33	0.616	0.1	3.33	1.9 No	0.1	Element Fault
RPL061	483	'6218912_/6218910'	0.57	3.3	3.33	0.616	0.2	3.33	1.9 No	0.2	Element Fault
RPL061	484	'6218576_/43872093'	0.6	3.33	3.33	0.616	0.2	3.33	1.9 No	0.2	Element Fault
RPL061	485	'6218002_/6218012'	0.6	3.13	3.33	0.616	1.1	3.33	1.9 No	0.6	Primary Over-Voltage
RPL061	486	'6218641_/6218638'	0.57	3.1	3.33	0.616	0.1	3.33	1.9 No	0.1	Element Fault
RPL061	487	'6218955_/6218952'	0.53	3.13	3.33	0.616	0.2	3.33	1.9 No	0.2	Element Fault
RPL061	488	'6218926_/6218923'	0.53	3.03	3.33	0.616	0.2	3.33	1.9 No	0.2	Element Fault
RPL061	489	'43871924_/43871926'	0.57	3	3.33	0.616	1.1	3.33	1.9 No	0.57	Primary Over-Voltage
RPL061	490	'8698851_/8698848_2'	0.57	2.9	3.33	0.616	0.1	3.33	1.9 No	0.1	Element Fault
RPL061	491	'43872245_/6218965'	0.53	2.93	3.33	0.616	0.2	3.33	1.9 No	0.2	Element Fault
RPL061	492	'6218654_/6218651'	0.53	2.87	3.33	0.616	0.1	3.33	1.9 No	0.1	Element Fault
RPL061	493	'6217989_/6217999'	0.57	2.87	3.33	0.616	1.1	3.33	1.9 No	0.57	Primary Over-Voltage
RPL061	494	'6218183_/6218181'	0.53	2.87	3.33	0.616	1.1	3.33	1.9 No	0.53	Primary Over-Voltage
RPL061	495	'43871913_/6218064'	0.53	2.8	3.33	0.616	1.1	3.33	1.9 No	0.53	Primary Over-Voltage
RPL061	496	'58108874_/6217986_2'	0.53	2.77	3.33	0.616	1	3.33	1.9 No	0.53	Primary Over-Voltage
RPL061	497	'6218968_/43872247'	0.5	2.8	3.33	0.616	0.2	3.33	1.9 No	0.2	Element Fault
RPL061	498	'6218067_/6218077_1'	0.53	2.77	3.33	0.616	0.2	3.33	1.9 No	0.2	Element Fault
RPL061	499	'43872057_/6218772'	0.53	2.77	3.33	0.616	0.1	3.33	1.9 No	0.1	Element Fault
RPL061	500	'6217976_/6217986_1'	0.53	2.73	3.33	0.616	1	3.33	1.9 No	0.53	Primary Over-Voltage
RPL061	501	'6218080_/6218077_2'	0.53	2.7	3.33	0.616	0.2	3.33	1.9 No	0.2	Element Fault
RPL061	502	'6218741_/6218738'	0.5	2.63	3.33	0.616	0.1	3.33	1.9 No	0.1	Element Fault
RPL061	503	'6217963_/6217973'	0.5	2.6	3.33	0.616	1	3.33	1.9 No	0.5	Primary Over-Voltage
RPL061	504	'43871902_/6218090'	0.5	2.53	3.33	0.616	0.2	3.33	1.9 No	0.2	Element Fault
RPL061	505	'6218754_/6218751'	0.47	2.5	3.33	0.616	0.1	3.33	1.9 No	0.1	Element Fault
RPL061	506	'6217962_/6217960'	0.5	2.47	3.33	0.616	1	3.33	1.9 No	0.5	Primary Over-Voltage
RPL061	507	'6218106_/6218103'	0.47	2.43	3.33	0.616	0.2	3.33	1.9 No	0.2	Element Fault
RPL061	508	'43871935_/6218025'	0.47	2.43	3.33	0.616	1	3.33	1.9 No	0.47	Primary Over-Voltage
RPL061	509	'6218767_/6218764'	0.47	2.4	3.33	0.616	0.1	3.33	1.9 No	0.1	Element Fault
RPL061	510	'6218028_/6226010_1'	0.47	2.4	3.33	0.616	0.1	3.33	1.9 No	0.1	Element Fault
RPL061	511	'6220147_/6220235'	0.47	2.37	3.33	0.616	1	3.33	1.9 No	0.47	Primary Over-Voltage
RPL061	512	'6218780_/6218777'	0.47	2.33	3.33	0.616	0.1	3.33	1.9 No	0.1	Element Fault
RPL061	513	'43872637_/6220145'	0.47	2.33	3.33	0.616	1	3.33	1.9 No	0.47	Primary Over-Voltage
RPL061	514	'119910254_/6220293_2'	0.47	2.33	3.33	0.616	1	3.33	1.9 No	0.47	Primary Over-Voltage
RPL061	515	'6218119_/6218116'	0.47	2.33	3.33	0.616	0.2	3.33	1.9 No	0.2	Element Fault
RPL061	516	'43873739_/6226010_2'	0.47	2.3	3.33	0.616	0.1	3.33	1.9 No	0.1	Element Fault
RPL061	517	'420656223_/6226023_1'	0.47	2.3	3.33	0.616	0.1	3.33	1.9 No	0.1	Element Fault
RPL061	518	'596345974_/596345971'	0.47	2.27	3.33	0.616	1	3.33	1.9 No	0.47	Primary Over-Voltage
RPL061	519	'6220022_/596346049'	0.47	2.27	3.33	0.616	1	3.33	1.9 No	0.47	Primary Over-Voltage
RPL061	520	'6219930_/596346006'	0.47	2.27	3.33	0.616	1	3.33	1.9 No	0.47	Primary Over-Voltage
RPL061	521	'6218132_/6218129'	0.43	2.23	3.33	0.616	0.2	3.33	1.9 No	0.2	Element Fault
RPL061	522	'6220067_/6220293_1'	0.43	2.23	3.33	0.616	0.2	3.33	1.9 No	0.2	Element Fault
RPL061	523	'6221180_/6226023_2'	0.43	2.2	3.33	0.616	0.1	3.33	1.9 No	0.1	Element Fault
RPL061	524	'6219931_/6219928'	0.43	2.17	3.33	0.616	1	3.33	1.9 No	0.43	Primary Over-Voltage
RPL061	525	'6218145_/6218142'	0.43	2.13	3.33	0.616	0.2	3.33	1.9 No	0.2	Element Fault
RPL061	526	'6220054_/6220064'	0.43	2.1	3.33	0.616	0.2	3.33	1.9 No	0.2	Element Fault
RPL061	527	'6221181_/6221178'	0.43	2.1	3.33	0.616	0.1	3.33	1.9 No	0.1	Element Fault
RPL061	528	'6219944_/6219941'	0.43	2.1	3.33	0.616	1	3.33	1.9 No	0.43	Primary Over-Voltage
RPL061	529	'6218158_/6218155'	0.4	2.07	3.33	0.616	0.2	3.33	1.9 No	0.2	Element Fault
RPL061	530	'6220038_/6220051'	0.4	2	3.33	0.616	0.2	3.33	1.9 No	0.2	Element Fault
RPL061	531	'6219957_/6219954'	0.4	2	3.33	0.616	1	3.33	1.9 No	0.4	Primary Over-Voltage
RPL061	532	'43873763_/6226070'	0.4	2	3.33	0.616	0.1	3.33	1.9 No	0.1	Element Fault
RPL061	533	'6218171_/43871893'	0.4	2	3.33	0.616	0.2	3.33	1.9 No	0.2	Element Fault
RPL061	534	'386330951_/386330949'	0.4	1.93	3.33	0.616	0.2	3.33	1.9 No	0.2	Element Fault
RPL061	535	'43872626_/6220119'	0.4	1.93	3.33	0.616	1	3.33	1.9 No	0.4	Primary Over-Voltage
RPL061	536	'6218040_/6226083'	0.4	1.93	3.33	0.616	0.1	3.33	1.9 No	0.1	Element Fault
RPL061	537	'6221266_/43872834'	0.4	1.9	3.33	0.616	0.2	3.33	1.9 No	0.2	Element Fault
RPL061	538	'43872681_/43872683'	0.4	1.9	3.33	0.616	0.2	3.33	1.9 No	0.2	Element Fault
RPL061	539	'6219995_/43872628'	0.4	1.9	3.33	0.616	1	3.33	1.9 No	0.4	Primary Over-Voltage
RPL061	540	'6218041_/6218038'	0.37	1.87	3.33	0.616	0.1	3.33	1.9 No	0.1	Element Fault
RPL061	541	'43872659_/6219993'	0.37	1.83	3.33	0.616	1	3.33	1.9 No	0.37	Primary Over-Voltage
RPL061	542	'6217920_/6221264'	0.37	1.83	3.33	0.616	0.2	3.33	1.9 No	0.2	Element Fault
RPL061	543	'43871946_/6218051'	0.37	1.8	3.33	0.616	0.1	3.33	1.9 No	0.1	Element Fault
RPL061	544	'6220037_/6220035'	0.37	1.8	3.33	0.616	0.2	3.33	1.9 No	0.2	Element Fault
RPL061	545	'43872648_/43872661'	0.37	1.8	3.33	0.616	1	3.33	1.9 No	0.37	Primary Over-Voltage
RPL061	546	'6217921_/6217918'	0.37	1.73	3.33	0.616	0.2	3.33	1.9 No	0.2	Element Fault
RPL061	547	'6217907_/6220222'	0.37	1.73	3.33	0.616	0.2	3.33	1.9 No	0.2	Element Fault
RPL061	548	'6218054_/43871948'	0.37	1.73	3.33	0.616	0.1	3.33	1.9 No	0.1	Element Fault
RPL061	549	'6219970_/6219967'	0.37	1.73	3.33	0.616	1	3.33	1.9 No	0.37	Primary Over-Voltage
RPL061	550	'43871957_/6217934'	0.37	1.73	3.33	0.616	0.2	3.33	1.9 No	0.2	Element Fault
RPL061	551	'43871880_/6217905'	0.33	1.7	3.33	0.616	0.2	3.33	1.9 No	0.2	Element Fault
RPL061	552	'6217950_/43871959'	0.33	1.67	3.33	0.616	0.2	3.33	1.9 No	0.2	Element Fault
RPL061	553	'6219983_/6219980'	0.33	1.67	3.33	0.616	1	3.33	1.9 No	0.33	Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RPL061	554	'6217908_/43871882'	0.33	1.63	3.33	0.616	0.2	3.33	1.9 No	0.2	Element Fault
RPL061	555	'6223900_/6223897'	0.33	1.6	3.33	0.616	1	3.33	1.9 No	0.33	Primary Over-Voltage
RPL061	556	'6223887_/6223910'	0.33	1.57	3.33	0.616	1	3.33	1.9 No	0.33	Primary Over-Voltage
RPL061	557	'6223874_/6223884'	0.3	1.5	3.33	0.616	1	3.32	1.9 No	0.3	Primary Over-Voltage
RPL061	558	'6223873_/6223871'	0.3	1.47	3.33	0.616	1	3.24	1.9 No	0.3	Primary Over-Voltage
RPL062	0	'RPL062_/8698508'	10	10	10	0.872	10	10	7.42 No	0.872	Thermal Discharging
RPL062	1	'8698510_/8698508'	10	10	10	0.872	10	10	7.42 No	0.872	Thermal Discharging
RPL062	2	'8388651_/9644789'	10	10	10	0.872	10	10	7.42 No	0.872	Thermal Discharging
RPL062	3	'8388650_/8388648'	10	10	10	0.872	10	10	7.42 No	0.872	Thermal Discharging
RPL062	4	'8069785_/8698628'	10	10	10	0.872	10	10	7.42 No	0.872	Thermal Discharging
RPL062	5	'7439836_/8069783'	10	10	10	0.872	10	10	7.42 No	0.872	Thermal Discharging
RPL062	6	'7439181_/7439834'	10	10	10	0.872	10	10	7.42 No	0.872	Thermal Discharging
RPL062	7	'7439180_/7439178'	10	10	10	0.872	10	10	7.42 No	0.872	Thermal Discharging
RPL062	8	'7439220_/9015561'	10	10	10	0.872	10	10	7.42 No	0.872	Thermal Discharging
RPL062	9	'8698651_/8698648'	10	10	10	0.872	10	10	7.42 No	0.872	Thermal Discharging
RPL062	10	'9331845_/9331842'	10	10	10	0.872	10	10	7.42 No	0.872	Thermal Discharging
RPL062	11	'37961563_/9645041'	10	10	10	0.872	10	10	7.42 No	0.872	Thermal Discharging
RPL062	12	'405044137_/465310129'	10	10	10	0.872	10	10	7.42 No	0.872	Thermal Discharging
RPL062	13	'37961577_/465310121'	10	10	10	0.872	10	10	7.42 No	0.872	Thermal Discharging
RPL062	14	'37961611_/465310145'	10	10	10	0.872	10	10	7.42 No	0.872	Thermal Discharging
RPL062	15	'465310139_/465310137'	10	10	10	0.872	10	10	7.42 No	0.872	Thermal Discharging
RPL062	16	'8388783_/9645001'	10	10	10	0.872	10	10	7.42 No	0.872	Thermal Discharging
RPL062	17	'465310443_/465310470'	10	10	10	0.872	10	10	7.42 No	0.872	Thermal Discharging
RPL062	18	'37961633_/9645021'	10	10	10	0.872	10	10	7.42 No	0.872	Thermal Discharging
RPL062	19	'405017800_/37961630'	10	10	10	0.872	10	10	7.42 No	0.872	Thermal Discharging
RPL062	20	'405017807_/37961644'	10	10	10	0.872	10	10	7.42 No	0.872	Thermal Discharging
RPL062	21	'37961668_/37961665'	10	10	10	0.872	4.9	10	7.42 No	0.872	Thermal Discharging
RPL062	22	'9331805_/9331802'	10	10	10	0.872	4.9	10	7.42 No	0.872	Thermal Discharging
RPL062	23	'8388782_/8388780'	10	10	10	0.872	10	10	7.42 No	0.872	Thermal Discharging
RPL062	24	'465310521_/465310531'	10	10	10	0.872	10	10	7.42 No	0.872	Thermal Discharging
RPL062	25	'8069806_/8698688'	10	10	10	0.872	10	10	7.42 No	0.872	Thermal Discharging
RPL062	26	'8698711_/8698708'	10	10	10	0.872	10	10	7.42 No	0.872	Thermal Discharging
RPL062	27	'465310662_/465310702'	9.9	10	10	0.872	10	10	7.42 No	0.872	Thermal Discharging
RPL062	28	'534279871_/465310672'	6.3	10	10	0.872	10	10	7.42 No	0.872	Thermal Discharging
RPL062	29	'534279768_/534279941'	6.2	10	10	0.872	10	10	7.42 No	0.872	Thermal Discharging
RPL062	30	'534279763_/534279766'	6.2	10	10	0.872	10	10	7.42 No	0.872	Thermal Discharging
RPL062	31	'534279780_/534279778'	6.2	10	10	0.872	5.7	10	7.42 No	0.872	Thermal Discharging
RPL062	32	'534279774_/534279772'	6.2	10	10	0.872	4.7	10	7.42 No	0.872	Thermal Discharging
RPL062	33	'534279762_/534279760'	6.2	10	10	0.872	10	10	7.42 No	0.872	Thermal Discharging
RPL062	34	'534279856_/534279920'	6	10	10	0.872	10	10	7.42 No	0.872	Thermal Discharging
RPL062	35	'534279976_/534279992'	5.8	10	10	0.872	5.7	10	7.42 No	0.872	Thermal Discharging
RPL063	0	'RPL063_/8069603'	10	10	10	2.304	10	10	5.47 No	2.304	Thermal Discharging
RPL063	1	'8069605_/8069603'	10	10	10	2.304	10	10	5.47 No	2.304	Thermal Discharging
RPL063	2	'8698450_/9644809'	10	10	10	2.304	10	10	5.47 No	2.304	Thermal Discharging
RPL063	3	'8698451_/8698448'	10	10	10	2.304	10	10	5.47 No	2.304	Thermal Discharging
RPL063	4	'7752881_/9018655'	10	10	10	2.304	10	10	5.47 No	2.304	Thermal Discharging
RPL063	5	'7752882_/7752879'	10	10	10	2.304	10	10	5.47 No	2.304	Thermal Discharging
RPL063	6	'8388164_/8388724'	10	10	10	2.304	10	10	5.47 No	2.304	Thermal Discharging
RPL063	7	'7439200_/8388162'	10	10	10	2.304	10	10	5.47 No	2.304	Thermal Discharging
RPL063	8	'7439201_/7439198'	10	10	10	2.304	10	10	5.47 No	2.304	Thermal Discharging
RPL063	9	'9018435_/9331522'	10	10	10	2.304	10	10	5.47 No	2.304	Thermal Discharging
RPL063	10	'9018436_/9018433'	10	10	10	2.304	10	10	5.47 No	2.304	Thermal Discharging
RPL063	11	'8698370_/9018455'	10	10	10	2.304	10	10	5.47 No	2.304	Thermal Discharging
RPL063	12	'8698071_/8698368'	10	10	10	2.304	10	10	5.47 No	2.304	Thermal Discharging
RPL063	13	'7478777_/8698068'	10	10	10	2.304	10	10	5.47 No	2.304	Thermal Discharging
RPL063	14	'7421022_/7478774_2'	10	10	10	2.304	10	10	5.47 No	2.304	Thermal Discharging
RPL063	15	'6230065_/7478774_1'	10	10	10	2.304	10	10	5.47 No	2.304	Thermal Discharging
RPL063	16	'6230064_/6230062'	10	10	10	2.304	10	10	5.47 No	2.304	Thermal Discharging
RPL063	17	'43873812_/6230082'	10	10	10	2.304	10	10	5.47 No	2.304	Thermal Discharging
RPL063	18	'6230085_/6230099_1'	10	10	10	2.304	10	10	5.47 No	2.304	Thermal Discharging
RPL063	19	'6203383_/6230133'	10	10	10	2.304	10	10	5.47 No	2.304	Thermal Discharging
RPL063	20	'43873799_/6230099_2'	10	10	10	2.304	10	10	5.47 No	2.304	Thermal Discharging
RPL063	21	'6206564_/6206561_2'	6.67	6.67	6.67	1.536	2.5	6.67	3.65 No	1.536	Thermal Discharging
RPL063	22	'6230119_/6230116'	10	10	10	2.304	10	10	5.47 No	2.304	Thermal Discharging
RPL063	23	'6203384_/6203381'	10	10	10	2.304	10	10	5.47 No	2.304	Thermal Discharging
RPL063	24	'7421041_/7421039_1'	10	10	10	2.304	1.5	10	5.47 No	1.5	Element Fault
RPL063	25	'6229942_/6230374'	10	10	10	2.304	10	10	5.47 No	2.304	Thermal Discharging
RPL063	26	'6229943_/6229940'	10	10	10	2.304	10	10	5.47 No	2.304	Thermal Discharging
RPL063	27	'43874855_/6203398'	10	10	10	2.304	10	10	5.47 No	2.304	Thermal Discharging
RPL063	28	'6206471_/43869371_2'	3.33	3.33	3.33	0.768	1.1	3.33	1.82 No	0.768	Thermal Discharging
RPL063	29	'6203315_/6203415'	10	10	10	2.304	10	10	5.47 No	2.304	Thermal Discharging
RPL063	30	'6229960_/6229957'	10	10	10	2.304	10	10	5.47 No	2.304	Thermal Discharging
RPL063	31	'43874829_/6203313'	10	10	10	2.304	10	10	5.47 No	2.304	Thermal Discharging
RPL063	32	'43873881_/6229974'	10	10	10	2.304	10	10	5.47 No	2.304	Thermal Discharging
RPL063	33	'43874842_/6203296'	10	10	10	2.304	10	10	5.47 No	2.304	Thermal Discharging
RPL063	34	'6203333_/6203330'	10	10	10	2.304	10	10	5.47 No	2.304	Thermal Discharging
RPL063	35	'6229994_/43873883'	10	10	10	2.304	10	10	5.47 No	2.304	Thermal Discharging
RPL063	36	'6203350_/6203347'	10	10	10	2.304	10	10	5.47 No	2.304	Thermal Discharging
RPL063	37	'6230011_/6230008'	10	10	10	2.304	10	10	5.47 No	2.304	Thermal Discharging
RPL063	38	'43873916_/6203364'	10	10	10	2.304	10	10	5.47 No	2.304	Thermal Discharging
RPL063	39	'6203282_/43873918'	10	10	10	2.304	10	10	5.47 No	2.304	Thermal Discharging
RPL063	40	'6206549_/6206561_1'	6.67	6.67	6.67	1.536	1.1	6.67	3.65 No	1.1	Element Fault
RPL063	41	'6230028_/6230025'	10	10	10	2.304	10	10	5.47 No	2.304	Thermal Discharging
RPL063	42	'6206399_/6206397_2'	3.33	3.33	3.33	0.768	0.55	3.33	1.82 No	0.55	Element Fault
RPL063	43	'6230153_/6230150'	10	10	10	2.304	10	10	5.47 No	2.304	Thermal Discharging
RPL063	44	'6230045_/6230042_1'	10	10	10	2.304	10	10	5.47 No	2.304	Thermal Discharging
RPL063	45	'43873951_/6230042_2'	10	10	10	2.304	10	10	5.47 No	2.304	Thermal Discharging
RPL063	46	'6231207_/6231204'	3.33	3.33	3.33	0.768	1.3	3.33	1.82 No	0.768	Thermal Discharging
RPL063	47	'43869369_/43869371_1'	3.33	3.33	3.33	0.768	0.5	3.33	1.82 No	0.5	Element Fault
RPL063	48	'6230173_/6230170'	10	10	10	2.304	10	10	5.47 No	2.304	Thermal Discharging
RPL063	49	'6230292_/43873953'	10	10	10	2.304	10	10	5.47 No	2.304	Thermal Discharging
RPL063	50	'6230309_/6230306'	10	10	10	2.304	10	10	5.47 No	2.304	Thermal Discharging
RPL063	51	'6227275_/6230187'	10	10	10	2.304	10	10	5.47 No	2.304	Thermal Discharging
RPL063	52	'6230326_/6230323'	10	10	10	2.304	10	10	5.47 No	2.304	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RPL063	53	'6227276_/_7106909_1'	3.33	3.33	3.33	0.768	0.5	3.33	1.82 No	0.5	Element Fault
RPL063	54	'6230207_/_6230204'	10	10	10	2.304	10	10	5.47 No	2.304	Thermal Discharging
RPL063	55	'6230343_/_6230340'	10	10	10	2.304	10	10	5.47 No	2.304	Thermal Discharging
RPL063	56	'6206400_/_6206397_1'	3.33	3.33	3.33	0.768	0.3	3.33	1.82 No	0.3	Element Fault
RPL063	57	'6230224_/_6230221'	10	10	10	2.304	10	10	5.47 No	2.304	Thermal Discharging
RPL063	58	'43873964_/_6230357'	10	10	10	2.304	10	10	5.47 No	2.304	Thermal Discharging
RPL063	59	'6227288_/_6230238'	10	10	10	2.304	10	10	5.47 No	2.304	Thermal Discharging
RPL063	60	'43873929_/_7106909_2'	3.33	3.33	3.33	0.768	0.5	3.33	1.82 No	0.5	Element Fault
RPL063	61	'6230258_/_6230255'	10	10	10	2.304	10	10	5.47 No	2.304	Thermal Discharging
RPL063	62	'6227289_/_7106925_1'	3.33	3.33	3.33	0.768	0.5	3.33	1.82 No	0.5	Element Fault
RPL063	63	'6231705_/_6231702'	10	10	10	2.304	10	10	5.47 No	2.304	Thermal Discharging
RPL063	64	'6230275_/_6230272'	10	10	10	2.304	10	10	5.47 No	2.304	Thermal Discharging
RPL063	65	'6231722_/_6231719'	10	10	10	2.304	10	10	5.47 No	2.304	Thermal Discharging
RPL063	66	'6203251_/_6231027'	10	10	10	2.304	10	10	5.47 No	2.304	Thermal Discharging
RPL063	67	'6203160_/_6203249'	10	10	10	2.304	10	10	5.47 No	2.304	Thermal Discharging
RPL063	68	'43875026_/_6231736'	10	10	10	2.304	10	10	5.47 No	2.304	Thermal Discharging
RPL063	69	'6206919_/_7106925_2'	3.33	3.33	3.33	0.768	0.5	3.33	1.82 No	0.5	Element Fault
RPL063	70	'49216384_/_6231480_1'	3.33	3.33	3.33	0.768	0.5	3.33	1.82 No	0.5	Element Fault
RPL063	71	'6229917_/_6229914_2'	3.33	3.33	3.33	0.768	1.1	3.33	1.82 No	0.768	Thermal Discharging
RPL063	72	'6206534_/_6206546'	6.67	6.67	6.67	1.536	1.1	6.67	3.65 No	1.1	Element Fault
RPL063	73	'6203161_/_6203158'	10	10	10	2.304	10	10	5.47 No	2.304	Thermal Discharging
RPL063	74	'43875040_/_43875028'	10	10	10	2.304	10	10	5.47 No	2.304	Thermal Discharging
RPL063	75	'7421042_/_7421039_2'	10	10	10	2.304	1.5	10	5.47 No	1.5	Element Fault
RPL063	76	'114477513_/_9019341_2'	10	10	10	2.304	10	10	5.47 No	2.304	Thermal Discharging
RPL063	77	'6203178_/_6203175'	10	10	10	2.304	10	10	5.47 No	2.304	Thermal Discharging
RPL063	78	'6206442_/_6214161'	3.33	3.33	3.33	0.768	0.5	3.33	1.82 No	0.5	Element Fault
RPL063	79	'6230397_/_6230394'	10	10	10	2.304	10	10	5.47 No	2.304	Thermal Discharging
RPL063	80	'43870504_/_7107079'	10	10	10	2.304	10	10	5.47 No	2.304	Thermal Discharging
RPL063	81	'6230414_/_6230411'	10	10	10	2.304	10	10	5.47 No	2.304	Thermal Discharging
RPL063	82	'6229916_/_6229914_1'	3.33	3.33	3.33	0.768	1.1	3.33	1.82 No	0.768	Thermal Discharging
RPL063	83	'6206906_/_43873931'	3.33	3.33	3.33	0.768	0.5	3.33	1.82 No	0.5	Element Fault
RPL063	84	'6231534_/_7097280_1'	3.33	3.33	3.33	0.768	0.5	3.33	1.82 No	0.5	Element Fault
RPL063	85	'6212902_/_6212916'	10	10	10	2.304	10	10	5.47 No	2.304	Thermal Discharging
RPL063	86	'43869380_/_6206410'	3.33	3.33	3.33	0.768	0.3	3.33	1.82 No	0.3	Element Fault
RPL063	87	'6231548_/_6231558_1'	3.33	3.33	3.33	0.768	0.5	3.33	1.82 No	0.5	Element Fault
RPL063	88	'6227512_/_6230428'	10	10	10	2.304	10	10	5.47 No	2.304	Thermal Discharging
RPL063	89	'6227263_/_6231217'	3.33	3.33	3.33	0.768	1.3	3.33	1.82 No	0.768	Thermal Discharging
RPL063	90	'397433707_/_6227247_2'	3.33	3.33	3.33	0.768	1.3	3.33	1.82 No	0.768	Thermal Discharging
RPL063	91	'6212885_/_6212899'	10	10	10	2.304	10	10	5.47 No	2.304	Thermal Discharging
RPL063	92	'6227487_/_6230448'	10	10	10	2.304	10	10	5.47 No	2.304	Thermal Discharging
RPL063	93	'43870491_/_43870493'	10	10	10	2.304	10	10	5.47 No	2.304	Thermal Discharging
RPL063	94	'6212868_/_6212865_1'	10	10	10	2.304	10	10	5.47 No	2.304	Thermal Discharging
RPL063	95	'43874023_/_6227510'	3.33	3.33	3.33	0.768	1.1	3.33	1.82 No	0.768	Thermal Discharging
RPL063	96	'6227616_/_6230465'	10	10	10	2.304	10	10	5.47 No	2.304	Thermal Discharging
RPL063	97	'86812066_/_7097280_2'	3.33	3.33	3.33	0.768	0.5	3.33	1.82 No	0.5	Element Fault
RPL063	98	'6227513_/_6227523_1'	3.33	3.33	3.33	0.768	0.5	3.33	1.82 No	0.5	Element Fault
RPL063	99	'43874818_/_6231480_2'	3.33	3.33	3.33	0.768	0.5	3.33	1.82 No	0.5	Element Fault
RPL063	100	'43870478_/_6212865_2'	10	10	10	2.304	10	10	5.47 No	2.304	Thermal Discharging
RPL063	101	'86812207_/_86812152_2'	3.33	3.33	3.33	0.768	1.1	3.33	1.82 No	0.768	Thermal Discharging
RPL063	102	'6206513_/_6206531'	6.67	6.67	6.67	1.536	1.1	6.67	3.65 No	1.1	Element Fault
RPL063	103	'6230488_/_6230485'	10	10	10	2.304	10	10	5.47 No	2.304	Thermal Discharging
RPL063	104	'86811983_/_7106973_1'	3.33	3.33	3.33	0.768	0.5	3.33	1.82 No	0.5	Element Fault
RPL063	105	'6212797_/_6212848'	10	10	10	2.304	10	10	5.47 No	2.304	Thermal Discharging
RPL063	106	'6206920_/_6206917'	3.33	3.33	3.33	0.768	0.5	3.33	1.82 No	0.5	Element Fault
RPL063	107	'6227697_/_6230502'	10	10	10	2.304	10	10	5.47 No	2.304	Thermal Discharging
RPL063	108	'86812186_/_86812152_1'	3.33	3.33	3.33	0.768	0.5	3.33	1.82 No	0.5	Element Fault
RPL063	109	'43874056_/_6227614'	3.33	3.33	3.33	0.768	1.2	3.33	1.82 No	0.768	Thermal Discharging
RPL063	110	'6227249_/_6227247_1'	3.33	3.33	3.33	0.768	0.6	3.33	1.82 No	0.6	Element Fault
RPL063	111	'6212796_/_6212794'	10	10	10	2.304	10	10	5.47 No	2.304	Thermal Discharging
RPL063	112	'6227499_/_6230522'	10	10	10	2.304	10	10	5.47 No	2.304	Thermal Discharging
RPL063	113	'6227617_/_6227627_1'	3.33	3.33	3.33	0.768	0.5	3.33	1.82 No	0.5	Element Fault
RPL063	114	'43870517_/_86812060'	3.33	3.33	3.33	0.768	0.5	3.33	1.82 No	0.5	Element Fault
RPL063	115	'6212817_/_6212814'	10	10	10	2.304	10	10	5.47 No	2.304	Thermal Discharging
RPL063	116	'6206441_/_6206439'	3.33	3.33	3.33	0.768	0.5	3.33	1.82 No	0.5	Element Fault
RPL063	117	'43873988_/_6230539'	10	10	10	2.304	10	10	5.47 No	2.304	Thermal Discharging
RPL063	118	'86812368_/_7106999_2'	3.33	3.33	3.33	0.768	1.4	3.33	1.82 No	0.768	Thermal Discharging
RPL063	119	'6232400_/_43873990'	10	10	10	2.304	10	10	5.47 No	2.304	Thermal Discharging
RPL063	120	'6212834_/_6212831'	10	10	10	2.304	10	10	5.47 No	2.304	Thermal Discharging
RPL063	121	'43874067_/_6227695'	3.33	3.33	3.33	0.768	1.1	3.33	1.82 No	0.768	Thermal Discharging
RPL063	122	'6206907_/_6206904'	3.33	3.33	3.33	0.768	0.5	3.33	1.82 No	0.5	Element Fault
RPL063	123	'6203699_/_6231558_2'	3.33	3.33	3.33	0.768	0.5	3.33	1.82 No	0.5	Element Fault
RPL063	124	'6206949_/_7107015'	3.33	3.33	3.33	0.768	1.1	3.33	1.82 No	0.768	Thermal Discharging
RPL063	125	'43870572_/_7106973_2'	3.33	3.33	3.33	0.768	0.5	3.33	1.82 No	0.5	Element Fault
RPL063	126	'86812351_/_7106999_1'	3.33	3.33	3.33	0.768	0.5	3.33	1.82 No	0.5	Element Fault
RPL063	127	'6215098_/_6215095'	10	10	10	2.304	10	10	5.47 No	2.304	Thermal Discharging
RPL063	128	'6227698_/_6227708_1'	3.33	3.33	3.33	0.768	0.5	3.33	1.82 No	0.5	Element Fault
RPL063	129	'6232417_/_6232414'	10	10	10	2.304	10	10	5.47 No	2.304	Thermal Discharging
RPL063	130	'6210222_/_7106957'	3.33	3.33	3.33	0.768	0.5	3.33	1.82 No	0.5	Element Fault
RPL063	131	'6213415_/_6213429_1'	10	10	10	2.304	1.6	10	5.47 No	1.6	Element Fault
RPL063	132	'6213276_/_6213273'	3.33	3.33	3.33	0.768	0.55	3.33	1.82 No	0.55	Element Fault
RPL063	133	'6212618_/_6212959'	10	10	10	2.304	10	10	5.47 No	2.304	Thermal Discharging
RPL063	134	'43875180_/_6232431'	10	10	10	2.304	10	10	5.47 No	2.304	Thermal Discharging
RPL063	135	'6227526_/_6227523_2'	3.33	3.33	3.33	0.768	0.5	3.33	1.82 No	0.5	Element Fault
RPL063	136	'6215118_/_6215115'	10	10	10	2.304	10	10	5.47 No	2.304	Thermal Discharging
RPL063	137	'6231090_/_6231100'	3.33	3.33	3.33	0.768	0.6	3.33	1.82 No	0.6	Element Fault
RPL063	138	'6206426_/_43869382'	3.33	3.33	3.33	0.768	0.3	3.33	1.82 No	0.3	Element Fault
RPL063	139	'6232451_/_43875182'	10	10	10	2.304	10	10	5.47 No	2.304	Thermal Discharging
RPL063	140	'6214177_/_7106941'	3.33	3.33	3.33	0.768	1	3.33	1.82 No	0.768	Thermal Discharging
RPL063	141	'6206267_/_43869305_2'	3.33	3.33	3.33	0.768	1.4	3.33	1.82 No	0.768	Thermal Discharging
RPL063	142	'43869257_/_43869259'	10	10	10	2.304	10	10	5.47 No	2.304	Thermal Discharging
RPL063	143	'6215505_/_6215502'	10	10	10	2.304	10	10	5.47 No	2.304	Thermal Discharging
RPL063	144	'6232467_/_6232607'	10	10	10	2.304	10	10	5.47 No	2.304	Thermal Discharging
RPL063	145	'43875219_/_6232482'	10	10	10	2.304	10	10	5.47 No	2.304	Thermal Discharging
RPL063	146	'6211350_/_86812317'	3.33	3.33	3.33	0.768	0.5	3.33	1.82 No	0.5	Element Fault

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RPL063	147	'6207167_/_6212598'		10	10	10	2.304	10	10	5.47 No	2.304 Thermal Discharging
RPL063	148	'67815338_/_6212581_1'		10	10	10	2.304	10	10	5.47 No	2.304 Thermal Discharging
RPL063	149	'6215541_/_6215556'		10	10	10	2.304	10	10	5.47 No	2.304 Thermal Discharging
RPL063	150	'43875193_/_6232465'		10	10	10	2.304	10	10	5.47 No	2.304 Thermal Discharging
RPL063	151	'6232505_/_6232502'		10	10	10	2.304	10	10	5.47 No	2.304 Thermal Discharging
RPL063	152	'43874717_/_43874719'	3.33		3.33	3.33	0.768	0.6	3.33	1.82 No	0.6 Element Fault
RPL063	153	'67815346_/_6207124_1'		10	10	10	2.304	1.7	10	5.47 No	1.7 Element Fault
RPL063	154	'67815233_/_6212581_2'		10	10	10	2.304	10	10	5.47 No	2.304 Thermal Discharging
RPL063	155	'67815252_/_67815230_1'		10	10	10	2.304	10	10	5.47 No	2.304 Thermal Discharging
RPL063	156	'155254190_/_6213429_2'		10	10	10	2.304	1.6	10	5.47 No	1.6 Element Fault
RPL063	157	'43874045_/_6227627_2'	3.33		3.33	3.33	0.768	0.5	3.33	1.82 No	0.5 Element Fault
RPL063	158	'155254273_/_155254252_1'		10	10	10	2.304	1	10	5.47 No	1 Element Fault
RPL063	159	'6232522_/_6232519'		10	10	10	2.304	10	10	5.47 No	2.304 Thermal Discharging
RPL063	160	'67815331_/_7751999_1'		10	10	10	2.304	1.6	10	5.47 No	1.6 Element Fault
RPL063	161	'43871198_/_6215539'		10	10	10	2.304	10	10	5.47 No	2.304 Thermal Discharging
RPL063	162	'6231116_/_6231113_2'	3.33		3.33	3.33	0.768	0.6	3.33	1.82 No	0.6 Element Fault
RPL063	163	'414371923_/_6207124_2'		10	10	10	2.304	1.7	10	5.47 No	1.7 Element Fault
RPL063	164	'67815210_/_67815230_2'		10	10	10	2.304	10	10	5.47 No	2.304 Thermal Discharging
RPL063	165	'67815262_/_67815207_1'		10	10	10	2.304	10	10	5.47 No	2.304 Thermal Discharging
RPL063	166	'6215522_/_43871200'		10	10	10	2.304	10	10	5.47 No	2.304 Thermal Discharging
RPL063	167	'43875232_/_6232536'		10	10	10	2.304	10	10	5.47 No	2.304 Thermal Discharging
RPL063	168	'155254234_/_155254252_2'		10	10	10	2.304	1	10	5.47 No	1 Element Fault
RPL063	169	'67815272_/_7439814_1'		10	10	10	2.304	1.5	10	5.47 No	1.5 Element Fault
RPL063	170	'605805568_/_605805494_1'		10	10	10	2.304	1.5	10	5.47 No	1.5 Element Fault
RPL063	171	'6203268_/_6231506'	3.33		3.33	3.33	0.768	0.5	3.33	1.82 No	0.5 Element Fault
RPL063	172	'43874078_/_6227708_2'	3.33		3.33	3.33	0.768	0.5	3.33	1.82 No	0.5 Element Fault
RPL063	173	'67815277_/_67815207_2'		10	10	10	2.304	10	10	5.47 No	2.304 Thermal Discharging
RPL063	174	'67815185_/_67815207_3'		10	10	10	2.304	10	10	5.47 No	2.304 Thermal Discharging
RPL063	175	'121900448_/_8698228_2'		10	10	10	2.304	5.9	10	5.47 No	2.304 Thermal Discharging
RPL063	176	'43869303_/_43869305_1'	3.33		3.33	3.33	0.768	0.5	3.33	1.82 No	0.5 Element Fault
RPL063	177	'6206512_/_6206510'	6.67		6.67	6.67	1.536	1.1	6.67	3.65 No	1.1 Element Fault
RPL063	178	'6231797_/_6232553'		10	10	10	2.304	10	10	5.47 No	2.304 Thermal Discharging
RPL063	179	'8388416_/_8388414_1'		10	10	10	2.304	1.5	10	5.47 No	1.5 Element Fault
RPL063	180	'69051801_/_67815182'		10	10	10	2.304	10	10	5.47 No	2.304 Thermal Discharging
RPL063	181	'6210157_/_6210258'	3.33		3.33	3.33	0.768	0.5	3.33	1.82 No	0.5 Element Fault
RPL063	182	'67815289_/_69051798_1'		10	10	10	2.304	10	10	5.47 No	2.304 Thermal Discharging
RPL063	183	'6214203_/_6214200'	3.33		3.33	3.33	0.768	0.3	3.33	1.82 No	0.3 Element Fault
RPL063	184	'43875245_/_6232570'		10	10	10	2.304	10	10	5.47 No	2.304 Thermal Discharging
RPL063	185	'42065557_/_6207043_2'	3.33		3.33	3.33	0.768	0.5	3.33	1.82 No	0.5 Element Fault
RPL063	186	'6212567_/_69051798_2'		10	10	10	2.304	10	10	5.47 No	2.304 Thermal Discharging
RPL063	187	'69051779_/_6212564_2'		10	10	10	2.304	10	10	5.47 No	2.304 Thermal Discharging
RPL063	188	'8388336_/_8698228_1'		10	10	10	2.304	3.9	10	5.47 No	2.304 Thermal Discharging
RPL063	189	'67815502_/_414371927_1'		10	10	10	2.304	1.7	10	5.47 No	1.7 Element Fault
RPL063	190	'6209580_/_155254194'		10	10	10	2.304	1.6	10	5.47 No	1.6 Element Fault
RPL063	191	'67815515_/_9331462_1'		10	10	10	2.304	1	10	5.47 No	1 Element Fault
RPL063	192	'9015301_/_9015299_1'		10	10	10	2.304	1.6	10	5.47 No	1.6 Element Fault
RPL063	193	'6210209_/_6210219'	3.33		3.33	3.33	0.768	0.5	3.33	1.82 No	0.5 Element Fault
RPL063	194	'7751982_/_9331102_1'		10	10	10	2.304	1.6	10	5.47 No	1.6 Element Fault
RPL063	195	'6206102_/_414371927_2'		10	10	10	2.304	1.7	10	5.47 No	1.7 Element Fault
RPL063	196	'6232590_/_43875247'		10	10	10	2.304	10	10	5.47 No	2.304 Thermal Discharging
RPL063	197	'6231077_/_6231087_2'	3.33		3.33	3.33	0.768	0.6	3.33	1.82 No	0.6 Element Fault
RPL063	198	'43869435_/_6206946'	3.33		3.33	3.33	0.768	1.1	3.33	1.82 No	0.768 Thermal Discharging
RPL063	199	'43870561_/_43870574'	3.33		3.33	3.33	0.768	0.5	3.33	1.82 No	0.5 Element Fault
RPL063	200	'397477343_/_6231811_1'	3.33		3.33	3.33	0.768	0.5	3.33	1.82 No	0.5 Element Fault
RPL063	201	'6212550_/_6212564_1'		10	10	10	2.304	10	10	5.47 No	2.304 Thermal Discharging
RPL063	202	'6232627_/_6232624'		10	10	10	2.304	10	10	5.47 No	2.304 Thermal Discharging
RPL063	203	'43874991_/_6203697'	3.33		3.33	3.33	0.768	0.5	3.33	1.82 No	0.5 Element Fault
RPL063	204	'43874012_/_6227536'	3.33		3.33	3.33	0.768	0.5	3.33	1.82 No	0.5 Element Fault
RPL063	205	'7439477_/_8388334'		10	10	10	2.304	3.9	10	5.47 No	2.304 Thermal Discharging
RPL063	206	'8074535_/_8074533_1'		10	10	10	2.304	1.5	10	5.47 No	1.5 Element Fault
RPL063	207	'43874728_/_6231087_1'	3.33		3.33	3.33	0.768	0.6	3.33	1.82 No	0.6 Element Fault
RPL063	208	'605805478_/_605805494_2'		10	10	10	2.304	1.5	10	5.47 No	1.5 Element Fault
RPL063	209	'43870638_/_6211348'	3.33		3.33	3.33	0.768	0.5	3.33	1.82 No	0.5 Element Fault
RPL063	210	'43871050_/_6213289'	3.33		3.33	3.33	0.768	0.55	3.33	1.82 No	0.55 Element Fault
RPL063	211	'43875302_/_6232962'		10	10	10	2.304	10	10	5.47 No	2.304 Thermal Discharging
RPL063	212	'7752002_/_7751999_2'		10	10	10	2.304	1.6	10	5.47 No	1.6 Element Fault
RPL063	213	'6232643_/_6232979'		10	10	10	2.304	10	10	5.47 No	2.304 Thermal Discharging
RPL063	214	'6227121_/_6231113_1'	3.33		3.33	3.33	0.768	0.3	3.33	1.82 No	0.3 Element Fault
RPL063	215	'37961409_/_7439474'		10	10	10	2.304	3.9	10	5.47 No	2.304 Thermal Discharging
RPL063	216	'37961416_/_37961413'		10	10	10	2.304	3.9	10	5.47 No	2.304 Thermal Discharging
RPL063	217	'37961423_/_37961427'		10	10	10	2.304	3.9	10	5.47 No	2.304 Thermal Discharging
RPL063	218	'37961437_/_37961441'		10	10	10	2.304	3.9	10	5.47 No	2.304 Thermal Discharging
RPL063	219	'37961541_/_37961539'		10	10	10	2.304	3.9	10	5.47 No	2.304 Thermal Discharging
RPL063	220	'43869402_/_6206628'	3.33		3.33	3.33	0.768	0.55	3.33	1.82 No	0.55 Element Fault
RPL063	221	'6232024_/_6232641'		10	10	10	2.304	10	10	5.47 No	2.304 Thermal Discharging
RPL063	222	'6232661_/_6232658'		10	10	10	2.304	10	10	5.47 No	2.304 Thermal Discharging
RPL063	223	'7439817_/_7439814_2'		10	10	10	2.304	1.5	10	5.47 No	1.5 Element Fault
RPL063	224	'6214176_/_6214174'	3.33		3.33	3.33	0.768	1	3.33	1.82 No	0.768 Thermal Discharging
RPL063	225	'7752449_/_8388414_2'		10	10	10	2.304	1.5	10	5.47 No	1.5 Element Fault
RPL063	226	'8070269_/_9332640_1'		10	10	10	2.304	1.6	10	5.47 No	1.6 Element Fault
RPL063	227	'9331465_/_9331462_2'		10	10	10	2.304	1	10	5.47 No	1 Element Fault
RPL063	228	'6206631_/_6206641_1'	3.33		3.33	3.33	0.768	0.3	3.33	1.82 No	0.3 Element Fault
RPL063	229	'8069765_/_8069763'		10	10	10	2.304	3.9	10	5.47 No	2.304 Thermal Discharging
RPL063	230	'43869347_/_43869349'	3.03		3.33	3.33	0.768	0.55	3.33	1.82 No	0.55 Element Fault
RPL063	231	'43875340_/_6232675'		10	10	10	2.304	10	10	5.47 No	2.304 Thermal Discharging
RPL063	232	'7752450_/_7752447'		10	10	10	2.304	1.5	10	5.47 No	1.5 Element Fault
RPL063	233	'6227643_/_6227640'	3.33		3.33	3.33	0.768	0.5	3.33	1.82 No	0.5 Element Fault
RPL063	234	'8074536_/_8074533_2'		10	10	10	2.304	1.5	10	5.47 No	1.5 Element Fault
RPL063	235	'6213145_/_6213142_2'	2.93		3.33	3.33	0.768	0.55	3.33	1.82 No	0.55 Element Fault
RPL063	236	'6232695_/_43875342'		10	10	10	2.304	10	10	5.47 No	2.304 Thermal Discharging
RPL063	237	'6207033_/_6207043_1'	3.33		3.33	3.33	0.768	0.5	3.33	1.82 No	0.5 Element Fault
RPL063	238	'6227724_/_6227721'	3.33		3.33	3.33	0.768	0.5	3.33	1.82 No	0.5 Element Fault
RPL063	239	'6203269_/_6203266'	3.33		3.33	3.33	0.768	0.5	3.33	1.82 No	0.5 Element Fault
RPL063	240	'6232712_/_6232709'		10	10	10	2.304	10	10	5.47 No	2.304 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RPL063	241	'6231814_/_6231811_2'	3.33		3.33	3.33	0.768	0.5	3.33	1.82 No	0.5 Element Fault
RPL063	242	'8388397_/_8388394'	10		10	10	2.304	3.9	10	5.47 No	2.304 Thermal Discharging
RPL063	243	'6227176_/_6231074'	3.3		3.33	3.33	0.768	0.6	3.33	1.82 No	0.6 Element Fault
RPL063	244	'6206500_/_6206641_2'	3.1		3.33	3.33	0.768	0.3	3.33	1.82 No	0.3 Element Fault
RPL063	245	'9331105_/_9331102_2'	10		10	10	2.304	1.6	10	5.47 No	1.6 Element Fault
RPL063	246	'9015302_/_9015299_2'	10		10	10	2.304	1.6	10	5.47 No	1.6 Element Fault
RPL063	247	'43870528_/_6210154'	3.33		3.33	3.33	0.768	0.5	3.33	1.82 No	0.5 Element Fault
RPL063	248	'43875353_/_6232726'	10		10	10	2.304	10	10	5.47 No	2.304 Thermal Discharging
RPL063	249	'9332642_/_9332640_2'	10		10	10	2.304	1.6	10	5.47 No	1.6 Element Fault
RPL063	250	'6232746_/_43875355'	10		10	10	2.304	10	10	5.47 No	2.304 Thermal Discharging
RPL063	251	'6232025_/_6232022'	10		10	10	2.304	4.7	10	5.47 No	2.304 Thermal Discharging
RPL063	252	'6232763_/_6232760'	10		10	10	2.304	10	10	5.47 No	2.304 Thermal Discharging
RPL063	253	'43870539_/_6210206'	3.33		3.33	3.33	0.768	0.5	3.33	1.82 No	0.5 Element Fault
RPL063	254	'6206936_/_6206959'	3.33		3.33	3.33	0.768	1.1	3.33	1.82 No	0.768 Thermal Discharging
RPL063	255	'9644548_/_9644565'	10		10	10	2.304	3.9	10	5.47 No	2.304 Thermal Discharging
RPL063	256	'43877031_/_6240833'	10		10	10	2.304	10	10	5.47 No	2.304 Thermal Discharging
RPL063	257	'43870550_/_43870563'	3.33		3.33	3.33	0.768	0.5	3.33	1.82 No	0.5 Element Fault
RPL063	258	'43869236_/_43869238'	3.33		3.33	3.33	0.768	0.57	3.33	1.82 No	0.57 Element Fault
RPL063	259	'43873847_/_43873849'	2.93		3.33	3.33	0.768	0.6	3.33	1.82 No	0.6 Element Fault
RPL063	260	'6232779_/_6240850'	10		10	10	2.304	10	10	5.47 No	2.304 Thermal Discharging
RPL063	261	'6203700_/_43874993'	3.33		3.33	3.33	0.768	0.5	3.33	1.82 No	0.5 Element Fault
RPL063	262	'6206387_/_6213142_1'	2.57		3.33	3.33	0.768	0.4	3.33	1.82 No	0.4 Element Fault
RPL063	263	'6206225_/_6213129'	2.53		3.33	3.33	0.768	0.55	3.33	1.82 No	0.55 Element Fault
RPL063	264	'6227552_/_43874014'	3.33		3.33	3.33	0.768	0.5	3.33	1.82 No	0.5 Element Fault
RPL063	265	'6227095_/_43873838_2'	2.93		3.33	3.33	0.768	0.6	3.33	1.82 No	0.6 Element Fault
RPL063	266	'6206487_/_6206497'	2.77		3.33	3.33	0.768	0.3	3.33	1.82 No	0.3 Element Fault
RPL063	267	'6206089_/_6206086_2'	3.33		3.33	3.33	0.768	0.57	3.33	1.82 No	0.57 Element Fault
RPL063	268	'6213292_/_43871052'	2.77		3.33	3.33	0.768	0.55	3.33	1.82 No	0.55 Element Fault
RPL063	269	'6232780_/_6232777'	10		10	10	2.304	10	10	5.47 No	2.304 Thermal Discharging
RPL063	270	'6210452_/_6210449'	3.33		3.33	3.33	0.768	0.5	3.33	1.82 No	0.5 Element Fault
RPL063	271	'37961395_/_9644545'	10		10	10	2.304	3.9	10	5.47 No	2.304 Thermal Discharging
RPL063	272	'6206657_/_6206654'	2.73		3.33	3.33	0.768	0.3	3.33	1.82 No	0.3 Element Fault
RPL063	273	'37961360_/_37961399'	10		10	10	2.304	3.9	10	5.47 No	2.304 Thermal Discharging
RPL063	274	'37961353_/_37961357'	10		10	10	2.304	3.9	10	5.47 No	2.304 Thermal Discharging
RPL063	275	'37961367_/_37961371'	10		10	10	2.304	3.9	10	5.47 No	2.304 Thermal Discharging
RPL063	276	'37961381_/_37961385'	10		10	10	2.304	3.9	10	5.47 No	2.304 Thermal Discharging
RPL063	277	'43874807_/_6231493'	3.33		3.33	3.33	0.768	0.5	3.33	1.82 No	0.5 Element Fault
RPL063	278	'43876612_/_43876614'	10		10	10	2.304	10	10	5.47 No	2.304 Thermal Discharging
RPL063	279	'6232042_/_6232039_1'	10		10	10	2.304	1.6	10	5.47 No	1.6 Element Fault
RPL063	280	'43875315_/_6232039_2'	10		10	10	2.304	1.6	10	5.47 No	1.6 Element Fault
RPL063	281	'6233366_/_6233363'	10		10	10	2.304	10	10	5.47 No	2.304 Thermal Discharging
RPL063	282	'9331444_/_9331442'	10		10	10	2.304	3.9	10	5.47 No	2.304 Thermal Discharging
RPL063	283	'6233324_/_6233335_2'	3.33		3.33	3.33	0.768	1.1	3.33	1.82 No	0.768 Thermal Discharging
RPL063	284	'67815312_/_6236870'	10		10	10	2.304	10	10	5.47 No	2.304 Thermal Discharging
RPL063	285	'6206386_/_6206384'	2.43		3.33	3.33	0.768	0.4	3.33	1.82 No	0.4 Element Fault
RPL063	286	'6207020_/_6207030'	3.33		3.33	3.33	0.768	0.5	3.33	1.82 No	0.5 Element Fault
RPL063	287	'6227163_/_6227173'	2.63		3.33	3.33	0.768	0.6	3.33	1.82 No	0.6 Element Fault
RPL063	288	'6240797_/_6240794'	3.33		3.33	3.33	0.768	0.5	3.33	1.82 No	0.5 Element Fault
RPL063	289	'43874034_/_6227653'	3.33		3.33	3.33	0.768	0.5	3.33	1.82 No	0.5 Element Fault
RPL063	290	'6227108_/_6227118'	2.47		3.33	3.33	0.768	0.3	3.33	1.82 No	0.3 Element Fault
RPL063	291	'7752409_/_7752427'	10		10	10	2.304	3.9	10	5.47 No	2.304 Thermal Discharging
RPL063	292	'6210131_/_6210141'	3.33		3.33	3.33	0.768	0.5	3.33	1.82 No	0.5 Element Fault
RPL063	293	'6232062_/_43875317'	10		10	10	2.304	1.6	10	5.47 No	1.6 Element Fault
RPL063	294	'43874812_/_43874809'	3.33		3.33	3.33	0.768	0.5	3.33	1.82 No	0.5 Element Fault
RPL063	295	'43873836_/_43873838_1'	2.47		3.33	3.33	0.768	0.3	3.33	1.82 No	0.3 Element Fault
RPL063	296	'6231827_/_6231824'	3.33		3.33	3.33	0.768	0.5	3.33	1.82 No	0.5 Element Fault
RPL063	297	'6232196_/_6232206_1'	3.33		3.33	3.33	0.768	0.3	3.33	1.82 No	0.3 Element Fault
RPL063	298	'7752410_/_7752407'	10		10	10	2.304	3.9	10	5.47 No	2.304 Thermal Discharging
RPL063	299	'6206894_/_6206933'	3.33		3.33	3.33	0.768	1.1	3.33	1.82 No	0.768 Thermal Discharging
RPL063	300	'6210183_/_6210193'	3.33		3.33	3.33	0.768	0.5	3.33	1.82 No	0.5 Element Fault
RPL063	301	'6210465_/_6210462'	3.33		3.33	3.33	0.768	0.5	3.33	1.82 No	0.5 Element Fault
RPL063	302	'6233311_/_6233335_1'	3.33		3.33	3.33	0.768	0.5	3.33	1.82 No	0.5 Element Fault
RPL063	303	'6214138_/_6214148'	2.2		3.33	3.33	0.768	0.4	3.33	1.82 No	0.4 Element Fault
RPL063	304	'6227565_/_6227562'	3.33		3.33	3.33	0.768	0.5	3.33	1.82 No	0.5 Element Fault
RPL063	305	'6206486_/_6206484'	2.33		3.33	3.33	0.768	0.3	3.33	1.82 No	0.3 Element Fault
RPL063	306	'6210248_/_43870552'	3.33		3.33	3.33	0.768	0.5	3.33	1.82 No	0.5 Element Fault
RPL063	307	'43871523_/_6206667'	2.3		3.33	3.33	0.768	0.3	3.33	1.82 No	0.3 Element Fault
RPL063	308	'6206076_/_6206086_1'	3.33		3.33	3.33	0.768	0.3	3.33	1.82 No	0.3 Element Fault
RPL063	309	'37961297_/_9644525'	10		10	10	2.304	3.9	10	5.47 No	2.304 Thermal Discharging
RPL063	310	'37961304_/_37961301'	10		10	10	2.304	3.9	10	5.47 No	2.304 Thermal Discharging
RPL063	311	'37961325_/_37961329'	10		10	10	2.304	3.9	10	5.47 No	2.304 Thermal Discharging
RPL063	312	'37961339_/_37961343'	10		10	10	2.304	3.9	10	5.47 No	2.304 Thermal Discharging
RPL063	313	'37961311_/_37961315'	10		10	10	2.304	3.9	10	5.47 No	2.304 Thermal Discharging
RPL063	314	'6232209_/_6232206_2'	3.33		3.33	3.33	0.768	0.3	3.33	1.82 No	0.3 Element Fault
RPL063	315	'6231840_/_6231837'	3.33		3.33	3.33	0.768	0.5	3.33	1.82 No	0.5 Element Fault
RPL063	316	'6206975_/_6206972'	3.33		3.33	3.33	0.768	1.1	3.33	1.82 No	0.768 Thermal Discharging
RPL063	317	'7439456_/_7439454'	10		10	10	2.304	3.9	10	5.47 No	2.304 Thermal Discharging
RPL063	318	'6227669_/_6227666'	3.33		3.33	3.33	0.768	0.5	3.33	1.82 No	0.5 Element Fault
RPL063	319	'6233527_/_6233524'	10		10	10	2.304	1.6	10	5.47 No	1.6 Element Fault
RPL063	320	'6206224_/_6206222'	2.03		3.33	3.33	0.768	0.55	3.33	1.82 No	0.55 Element Fault
RPL063	321	'43877020_/_6240820'	3.33		3.33	3.33	0.768	0.5	3.33	1.82 No	0.5 Element Fault
RPL063	322	'6206374_/_6214135'	2.07		3.33	3.33	0.768	0.4	3.33	1.82 No	0.4 Element Fault
RPL063	323	'6227150_/_6227160'	2.23		3.33	3.33	0.768	0.6	3.33	1.82 No	0.6 Element Fault
RPL063	324	'6207004_/_6207017'	3.33		3.33	3.33	0.768	0.5	3.33	1.82 No	0.5 Element Fault
RPL063	325	'6233312_/_6233309'	3.33		3.33	3.33	0.768	0.5	3.33	1.82 No	0.5 Element Fault
RPL063	326	'6227069_/_6227079'	2.17		3.33	3.33	0.768	0.3	3.33	1.82 No	0.3 Element Fault
RPL063	327	'9018243_/_9018261'	10		10	10	2.304	3.9	10	5.47 No	2.304 Thermal Discharging
RPL063	328	'6210118_/_6210128'	3.03		3.33	3.33	0.768	0.5	3.33	1.82 No	0.5 Element Fault
RPL063	329	'6227578_/_6227575'	3.33		3.33	3.33	0.768	0.5	3.33	1.82 No	0.5 Element Fault
RPL063	330	'6210170_/_6210180'	3.03		3.33	3.33	0.768	0.5	3.33	1.82 No	0.5 Element Fault
RPL063	331	'6231853_/_6231850'	3.33		3.33	3.33	0.768	0.5	3.33	1.82 No	0.5 Element Fault
RPL063	332	'6227107_/_6227105'	2		3.33	3.33	0.768	0.3	3.33	1.82 No	0.3 Element Fault
RPL063	333	'43875411_/_6232222'	3.33		3.33	3.33	0.768	0.3	3.33	1.82 No	0.3 Element Fault
RPL063	334	'43870649_/_6210478'	3.33		3.33	3.33	0.768	0.5	3.33	1.82 No	0.5 Element Fault

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RPL063	335	'6206881_/_6206891'		3.33	3.33	3.33	0.768	1.1	3.33	1.82 No	0.768 Thermal Discharging
RPL063	336	'6206670_/_43871525'		2.03	3.33	3.33	0.768	0.3	3.33	1.82 No	0.3 Element Fault
RPL063	337	'43869225_/_6206073'		3.33	3.33	3.33	0.768	0.3	3.33	1.82 No	0.3 Element Fault
RPL063	338	'6232078_/_6233541'		10	10	10	2.304	1.6	10	5.47 No	1.6 Element Fault
RPL063	339	'6240810_/_6240807'		3.1	3.33	3.33	0.768	0.5	3.33	1.82 No	0.5 Element Fault
RPL063	340	'69708798_/_6233868_1'		3.33	3.33	3.33	0.768	0.3	3.33	1.82 No	0.3 Element Fault
RPL063	341	'6232012_/_6232009_2'		3.33	3.33	3.33	0.768	0.53	3.33	1.82 No	0.53 Element Fault
RPL063	342	'6232079_/_6232089_1'		3.33	3.33	3.33	0.768	0.3	3.33	1.82 No	0.3 Element Fault
RPL063	343	'6236020_/_6236887_1'		3.33	3.33	3.33	0.768	0.5	3.33	1.82 No	0.5 Element Fault
RPL063	344	'67815476_/_6236887_2'		3.33	3.33	3.33	0.768	0.5	3.33	1.82 No	0.5 Element Fault
RPL063	345	'6227068_/_6227066'		1.93	3.33	3.33	0.768	0.3	3.33	1.82 No	0.3 Element Fault
RPL063	346	'6227682_/_6227679'		2.7	3.33	3.33	0.768	0.5	3.33	1.82 No	0.5 Element Fault
RPL063	347	'8698291_/_9018241'		10	10	10	2.304	3.9	10	5.47 No	2.304 Thermal Discharging
RPL063	348	'6227137_/_6227147'		1.97	3.33	3.33	0.768	0.6	3.33	1.82 No	0.6 Element Fault
RPL063	349	'43869336_/_43869338'		1.83	3.33	3.33	0.768	0.4	3.33	1.82 No	0.4 Element Fault
RPL063	350	'43874001_/_6227588'		3.33	3.33	3.33	0.768	0.5	3.33	1.82 No	0.5 Element Fault
RPL063	351	'6210117_/_6210115'		2.5	3.33	3.33	0.768	0.5	3.33	1.82 No	0.5 Element Fault
RPL063	352	'6206579_/_6206680'		1.9	3.33	3.33	0.768	0.3	3.33	1.82 No	0.3 Element Fault
RPL063	353	'43869446_/_43869448'		3.33	3.33	3.33	0.768	0.5	3.33	1.82 No	0.5 Element Fault
RPL063	354	'6206114_/_6206112'		3.33	3.33	3.33	0.768	0.3	3.33	1.82 No	0.3 Element Fault
RPL063	355	'6205978_/_6213686'		1.77	3.33	3.33	0.768	0.55	3.33	1.82 No	0.55 Element Fault
RPL063	356	'37961262_/_8698288'		9.8	10	10	2.304	3.9	10	5.47 No	2.304 Thermal Discharging
RPL063	357	'37961248_/_37961266'		9.8	10	10	2.304	3.9	10	5.47 No	2.304 Thermal Discharging
RPL063	358	'37961254_/_37961252'		9.8	10	10	2.304	3.9	10	5.47 No	2.304 Thermal Discharging
RPL063	359	'37961276_/_37961280'		9.8	10	10	2.304	3.9	10	5.47 No	2.304 Thermal Discharging
RPL063	360	'37961241_/_37961245'		9.8	10	10	2.304	3.9	10	5.47 No	2.304 Thermal Discharging
RPL063	361	'6209604_/_6210167'		2.53	3.33	3.33	0.768	0.5	3.33	1.82 No	0.5 Element Fault
RPL063	362	'6233750_/_6233868_2'		3.33	3.33	3.33	0.768	0.3	3.33	1.82 No	0.3 Element Fault
RPL063	363	'50756050_/_9644337_1'		1.73	3.33	3.33	0.768	0.3	3.33	1.82 No	0.3 Element Fault
RPL063	364	'6232225_/_43875413'		3.33	3.33	3.33	0.768	0.3	3.33	1.82 No	0.3 Element Fault
RPL063	365	'43875595_/_6236900'		3.33	3.33	3.33	0.768	0.5	3.33	1.82 No	0.5 Element Fault
RPL063	366	'6210494_/_6210491'		2.73	3.33	3.33	0.768	0.5	3.33	1.82 No	0.5 Element Fault
RPL063	367	'9331424_/_9331422'		9.1	10	10	2.304	3.9	10	5.47 No	2.304 Thermal Discharging
RPL063	368	'6241950_/_6241947'		2.6	3.33	3.33	0.768	0.5	3.33	1.82 No	0.5 Element Fault
RPL063	369	'37960449_/_9644337_2'		1.67	3.33	3.33	0.768	0.3	3.33	1.82 No	0.3 Element Fault
RPL063	370	'37960443_/_37960447'		1.67	3.33	3.33	0.768	0.3	3.33	1.82 No	0.3 Element Fault
RPL063	371	'6206578_/_6206576'		1.8	3.33	3.33	0.768	0.3	3.33	1.82 No	0.3 Element Fault
RPL063	372	'37960470_/_37960468'		1.67	3.33	3.33	0.768	0.3	3.33	1.82 No	0.3 Element Fault
RPL063	373	'37960457_/_37960461'		1.67	3.33	3.33	0.768	0.3	3.33	1.82 No	0.3 Element Fault
RPL063	374	'37960436_/_37960440'		1.67	3.33	3.33	0.768	0.3	3.33	1.82 No	0.3 Element Fault
RPL063	375	'6231999_/_6232009_1'		3.33	3.33	3.33	0.768	0.3	3.33	1.82 No	0.3 Element Fault
RPL063	376	'8074892_/_8074889'		8.6	10	10	2.304	3.9	10	5.47 No	2.304 Thermal Discharging
RPL063	377	'43875258_/_6231863'		2.83	3.33	3.33	0.768	0.5	3.33	1.82 No	0.5 Element Fault
RPL063	378	'43869424_/_6206878'		2.87	3.33	3.33	0.768	1.1	3.33	1.82 No	0.768 Thermal Discharging
RPL063	379	'43874739_/_6231139'		2.37	3.33	3.33	0.768	0.5	3.33	1.82 No	0.5 Element Fault
RPL063	380	'6205979_/_6205976'		1.67	3.33	3.33	0.768	0.55	3.33	1.82 No	0.55 Element Fault
RPL063	381	'43875366_/_6232089_2'		2.9	3.33	3.33	0.768	0.3	3.33	1.82 No	0.3 Element Fault
RPL063	382	'6213454_/_43871107'		2.17	3.33	3.33	0.768	0.5	3.33	1.82 No	0.5 Element Fault
RPL063	383	'6227604_/_43874003'		3.07	3.33	3.33	0.768	0.5	3.33	1.82 No	0.5 Element Fault
RPL063	384	'8388104_/_9018161'		7.9	10	10	2.304	3.9	10	5.47 No	2.304 Thermal Discharging
RPL063	385	'6206348_/_6206358'		1.67	3.33	3.33	0.768	0.4	3.33	1.82 No	0.4 Element Fault
RPL063	386	'6209603_/_6209601'		2.23	3.33	3.33	0.768	0.5	3.33	1.82 No	0.5 Element Fault
RPL063	387	'6227136_/_6227134'		1.77	3.33	3.33	0.768	0.6	3.33	1.82 No	0.6 Element Fault
RPL063	388	'43875433_/_6233748'		3.33	3.33	3.33	0.768	0.3	3.33	1.82 No	0.3 Element Fault
RPL063	389	'43873825_/_43873827'		1.7	3.33	3.33	0.768	0.3	3.33	1.82 No	0.3 Element Fault
RPL063	390	'6207003_/_6207001'		3.33	3.33	3.33	0.768	0.5	3.33	1.82 No	0.5 Element Fault
RPL063	391	'6210507_/_6210504'		2.33	3.33	3.33	0.768	0.5	3.33	1.82 No	0.5 Element Fault
RPL063	392	'6206696_/_6206693'		1.7	3.33	3.33	0.768	0.3	3.33	1.82 No	0.3 Element Fault
RPL063	393	'43877205_/_6241973'		2.3	3.33	3.33	0.768	0.5	3.33	1.82 No	0.5 Element Fault
RPL063	394	'6228255_/_43875597'		3.33	3.33	3.33	0.768	0.5	3.33	1.82 No	0.5 Element Fault
RPL063	395	'7752097_/_8388102'		7.3	10	10	2.304	3.9	10	5.47 No	2.304 Thermal Discharging
RPL063	396	'6233764_/_43875435'		3.33	3.33	3.33	0.768	0.3	3.33	1.82 No	0.3 Element Fault
RPL063	397	'6206592_/_6206589'		1.63	3.33	3.33	0.768	0.3	3.33	1.82 No	0.3 Element Fault
RPL063	398	'6227976_/_43874741'		2.1	3.33	3.33	0.768	0.5	3.33	1.82 No	0.5 Element Fault
RPL063	399	'43875329_/_6231996'		3.33	3.33	3.33	0.768	0.3	3.33	1.82 No	0.3 Element Fault
RPL063	400	'43869203_/_43869205'		3.33	3.33	3.33	0.768	0.3	3.33	1.82 No	0.3 Element Fault
RPL063	401	'6233777_/_6233774'		3.33	3.33	3.33	0.768	0.3	3.33	1.82 No	0.3 Element Fault
RPL063	402	'6231181_/_6231178'		2.67	3.33	3.33	0.768	0.5	3.33	1.82 No	0.5 Element Fault
RPL063	403	'6206855_/_6206865'		2.43	3.33	3.33	0.768	1.1	3.33	1.82 No	0.768 Thermal Discharging
RPL063	404	'6231866_/_43875260'		2.23	3.33	3.33	0.768	0.5	3.33	1.82 No	0.5 Element Fault
RPL063	405	'6205992_/_6205989'		1.47	3.33	3.33	0.768	0.55	3.33	1.82 No	0.55 Element Fault
RPL063	406	'6232105_/_6232102'		2.33	3.33	3.33	0.768	0.3	3.33	1.82 No	0.3 Element Fault
RPL063	407	'6206335_/_6206345'		1.53	3.33	3.33	0.768	0.4	3.33	1.82 No	0.4 Element Fault
RPL063	408	'9015603_/_9015601'		1.43	3.33	3.33	0.768	0.3	3.33	1.82 No	0.3 Element Fault
RPL063	409	'6228256_/_6228253'		2.63	3.33	3.33	0.768	0.5	3.33	1.82 No	0.5 Element Fault
RPL063	410	'43875444_/_6233787'		3.33	3.33	3.33	0.768	0.3	3.33	1.82 No	0.3 Element Fault
RPL063	411	'6210520_/_6210517'		2.07	3.33	3.33	0.768	0.5	3.33	1.82 No	0.5 Element Fault
RPL063	412	'6228083_/_6241960'		2.07	3.33	3.33	0.768	0.5	3.33	1.82 No	0.5 Element Fault
RPL063	413	'6206604_/_6206706'		1.57	3.33	3.33	0.768	0.3	3.33	1.82 No	0.3 Element Fault
RPL063	414	'43873940_/_6227377'		1.6	3.33	3.33	0.768	0.6	3.33	1.82 No	0.6 Element Fault
RPL063	415	'7752098_/_7752095'		6.4	10	10	2.304	3.9	10	5.47 No	2.304 Thermal Discharging
RPL063	416	'6231167_/_6231191_1'		2.43	3.33	3.33	0.768	0.5	3.33	1.82 No	0.5 Element Fault
RPL063	417	'6227977_/_6227974'		1.9	3.33	3.33	0.768	0.5	3.33	1.82 No	0.5 Element Fault
RPL063	418	'6260147_/_7107362'		1.5	3.33	3.33	0.768	0.3	3.33	1.82 No	0.3 Element Fault
RPL063	419	'392843188_/_6210530'		1.97	3.33	3.33	0.768	0.5	3.33	1.82 No	0.5 Element Fault
RPL063	420	'43874750_/_6231191_2'		2.4	3.33	3.33	0.768	0.5	3.33	1.82 No	0.5 Element Fault
RPL063	421	'6206063_/_6207342'		2.8	3.33	3.33	0.768	0.3	3.33	1.82 No	0.3 Element Fault
RPL063	422	'6232118_/_6232115'		2.07	3.33	3.33	0.768	0.3	3.33	1.82 No	0.3 Element Fault
RPL063	423	'6206854_/_6206852'		2.2	3.33	3.33	0.768	1.1	3.33	1.82 No	0.768 Thermal Discharging
RPL063	424	'8388125_/_8388122'		6	10	10	2.304	3.9	10	5.47 No	2.304 Thermal Discharging
RPL063	425	'6206605_/_6206602'		1.47	3.33	3.33	0.768	0.3	3.33	1.82 No	0.3 Element Fault
RPL063	426	'7752117_/_455639061'		6	10	10	2.304	3.9	10	5.47 No	2.304 Thermal Discharging
RPL063	427	'43874232_/_6232290'		2.3	3.33	3.33	0.768	0.5	3.33	1.82 No	0.5 Element Fault
RPL063	428	'6228084_/_6228081'		1.9	3.33	3.33	0.768	0.5	3.33	1.82 No	0.5 Element Fault

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RPL063	429	'6233803_/_43875446'	3.13	3.33	3.33	0.768	0.3	3.33	1.82 No	0.3	Element Fault
RPL063	430	'7752118_/_7752115'	6	10	10	2.304	3.9	10	5.47 No	2.304	Thermal Discharging
RPL063	431	'6206722_/_6206719'	1.43	3.33	3.33	0.768	0.3	3.33	1.82 No	0.3	Element Fault
RPL063	432	'6206334_/_6206332'	1.4	3.33	3.33	0.768	0.4	3.33	1.82 No	0.4	Element Fault
RPL063	433	'6206128_/_6206125'	2.63	3.33	3.33	0.768	0.3	3.33	1.82 No	0.3	Element Fault
RPL063	434	'43875291_/_43875293'	2.83	3.33	3.33	0.768	0.3	3.33	1.82 No	0.3	Element Fault
RPL063	435	'6227393_/_6227390'	1.47	3.33	3.33	0.768	0.6	3.33	1.82 No	0.6	Element Fault
RPL063	436	'43874166_/_6227987'	1.77	3.33	3.33	0.768	0.5	3.33	1.82 No	0.5	Element Fault
RPL063	437	'6242070_/_6260144'	1.4	3.33	3.33	0.768	0.3	3.33	1.82 No	0.3	Element Fault
RPL063	438	'6210546_/_392843190'	1.8	3.33	3.33	0.768	0.5	3.33	1.82 No	0.5	Element Fault
RPL063	439	'6206050_/_6206060'	2.47	3.33	3.33	0.768	0.3	3.33	1.82 No	0.3	Element Fault
RPL063	440	'6227818_/_43874752'	2.17	3.33	3.33	0.768	0.5	3.33	1.82 No	0.5	Element Fault
RPL063	441	'6206618_/_6206615'	1.37	3.33	3.33	0.768	0.3	3.33	1.82 No	0.3	Element Fault
RPL063	442	'43875377_/_6232128'	1.87	3.33	3.33	0.768	0.3	3.33	1.82 No	0.3	Element Fault
RPL063	443	'6228109_/_6228094'	1.73	3.33	3.33	0.768	0.5	3.33	1.82 No	0.5	Element Fault
RPL063	444	'43869413_/_6207300'	2	3.33	3.33	0.768	1.1	3.33	1.82 No	0.768	Thermal Discharging
RPL063	445	'6233816_/_6233813'	2.73	3.33	3.33	0.768	0.3	3.33	1.82 No	0.3	Element Fault
RPL063	446	'6228268_/_43874234'	2	3.33	3.33	0.768	0.5	3.33	1.82 No	0.5	Element Fault
RPL063	447	'6206735_/_6206732'	1.37	3.33	3.33	0.768	0.3	3.33	1.82 No	0.3	Element Fault
RPL063	448	'6242002_/_6242067'	1.33	3.33	3.33	0.768	0.3	3.33	1.82 No	0.3	Element Fault
RPL063	449	'43871061_/_43871063'	1.3	3.33	3.33	0.768	0.4	3.33	1.82 No	0.4	Element Fault
RPL063	450	'6213334_/_6213331'	2.3	3.33	3.33	0.768	0.3	3.33	1.82 No	0.3	Element Fault
RPL063	451	'6227406_/_6227403'	1.37	3.33	3.33	0.768	0.6	3.33	1.82 No	0.6	Element Fault
RPL063	452	'6228003_/_43874168'	1.6	3.33	3.33	0.768	0.5	3.33	1.82 No	0.5	Element Fault
RPL063	453	'7481664_/_8412354'	5.1	10	10	2.304	3.9	10	5.47 No	2.304	Thermal Discharging
RPL063	454	'6231878_/_6233511'	2.33	3.33	3.33	0.768	0.3	3.33	1.82 No	0.3	Element Fault
RPL063	455	'43874144_/_6227828'	2	3.33	3.33	0.768	0.5	3.33	1.82 No	0.5	Element Fault
RPL063	456	'6232144_/_6232141'	1.73	3.33	3.33	0.768	0.3	3.33	1.82 No	0.3	Element Fault
RPL063	457	'6227805_/_6227815'	1.97	3.33	3.33	0.768	0.5	3.33	1.82 No	0.5	Element Fault
RPL063	458	'6228110_/_6228107'	1.63	3.33	3.33	0.768	0.5	3.33	1.82 No	0.5	Element Fault
RPL063	459	'6206748_/_6206745'	1.27	3.33	3.33	0.768	0.3	3.33	1.82 No	0.3	Element Fault
RPL063	460	'6206037_/_6206047'	2.2	3.33	3.33	0.768	0.3	3.33	1.82 No	0.3	Element Fault
RPL063	461	'6228269_/_6228266'	1.83	3.33	3.33	0.768	0.5	3.33	1.82 No	0.5	Element Fault
RPL063	462	'6206322_/_6213302'	1.27	3.33	3.33	0.768	0.4	3.33	1.82 No	0.4	Element Fault
RPL063	463	'6231879_/_6231876'	2.27	3.33	3.33	0.768	0.3	3.33	1.82 No	0.3	Element Fault
RPL063	464	'6233829_/_6233826'	2.4	3.33	3.33	0.768	0.3	3.33	1.82 No	0.3	Element Fault
RPL063	465	'7481665_/_7481662'	4.9	10	10	2.304	3.9	10	5.47 No	2.304	Thermal Discharging
RPL063	466	'6228204_/_6228201'	1.57	3.33	3.33	0.768	0.5	3.33	1.82 No	0.5	Element Fault
RPL063	467	'124316513_/_149458'	4.9	10	10	2.304	3.9	10	5.47 No	2.304	Thermal Discharging
RPL063	468	'6206842_/_6207313'	1.8	3.33	3.33	0.768	1.1	3.33	1.82 No	0.768	Thermal Discharging
RPL063	469	'43874155_/_6228013'	1.5	3.33	3.33	0.768	0.5	3.33	1.82 No	0.5	Element Fault
RPL063	470	'6242001_/_43877230'	1.23	3.33	3.33	0.768	0.3	3.33	1.82 No	0.3	Element Fault
RPL063	471	'8750379_/_8750376'	4.8	10	10	2.304	3.9	10	5.47 No	2.304	Thermal Discharging
RPL063	472	'6206761_/_6206758'	1.23	3.33	3.33	0.768	0.3	3.33	1.82 No	0.3	Element Fault
RPL063	473	'43877239_/_6242012'	1.23	3.33	3.33	0.768	0.3	3.33	1.82 No	0.3	Element Fault
RPL063	474	'6227419_/_6227416'	1.27	3.33	3.33	0.768	0.6	3.33	1.82 No	0.6	Element Fault
RPL063	475	'6227844_/_6227841'	1.87	3.33	3.33	0.768	0.5	3.33	1.82 No	0.5	Element Fault
RPL063	476	'6228123_/_6228120'	1.53	3.33	3.33	0.768	0.5	3.33	1.82 No	0.5	Element Fault
RPL063	477	'43869391_/_6206319'	1.2	3.33	3.33	0.768	0.4	3.33	1.82 No	0.4	Element Fault
RPL063	478	'43875388_/_6232154'	1.6	3.33	3.33	0.768	0.3	3.33	1.82 No	0.3	Element Fault
RPL063	479	'6227789_/_6227802'	1.83	3.33	3.33	0.768	0.5	3.33	1.82 No	0.5	Element Fault
RPL063	480	'6231892_/_6231889'	2.13	3.33	3.33	0.768	0.3	3.33	1.82 No	0.3	Element Fault
RPL063	481	'43874221_/_6232316'	1.7	3.33	3.33	0.768	0.5	3.33	1.82 No	0.5	Element Fault
RPL063	482	'43875455_/_6233839'	2.23	3.33	3.33	0.768	0.3	3.33	1.82 No	0.3	Element Fault
RPL063	483	'43869214_/_6206034'	2	3.33	3.33	0.768	0.3	3.33	1.82 No	0.3	Element Fault
RPL063	484	'6206829_/_6206839_2'	1.7	3.33	3.33	0.768	1.1	3.33	1.82 No	0.768	Thermal Discharging
RPL063	485	'6205567_/_6207197'	1.2	3.33	3.33	0.768	0.4	3.33	1.82 No	0.4	Element Fault
RPL063	486	'6206790_/_6206839_1'	1.7	3.33	3.33	0.768	0.1	3.33	1.82 No	0.1	Element Fault
RPL063	487	'6228029_/_6228026'	1.43	3.33	3.33	0.768	0.5	3.33	1.82 No	0.5	Element Fault
RPL063	488	'6228242_/_6228240'	1.47	3.33	3.33	0.768	0.5	3.33	1.82 No	0.5	Element Fault
RPL063	489	'6206296_/_6206306'	1.17	3.33	3.33	0.768	0.4	3.33	1.82 No	0.4	Element Fault
RPL063	490	'43875269_/_6231905'	2.03	3.33	3.33	0.768	0.3	3.33	1.82 No	0.3	Element Fault
RPL063	491	'6227857_/_6227854'	1.73	3.33	3.33	0.768	0.5	3.33	1.82 No	0.5	Element Fault
RPL063	492	'6206008_/_6206021'	1.93	3.33	3.33	0.768	0.3	3.33	1.82 No	0.3	Element Fault
RPL063	493	'6231960_/_6231957'	2	3.33	3.33	0.768	0.3	3.33	1.82 No	0.3	Element Fault
RPL063	494	'6231650_/_6231647'	1.2	3.33	3.33	0.768	0.6	3.33	1.82 No	0.6	Element Fault
RPL063	495	'43874177_/_6228133'	1.43	3.33	3.33	0.768	0.5	3.33	1.82 No	0.5	Element Fault
RPL063	496	'43875460_/_43875457'	2.07	3.33	3.33	0.768	0.3	3.33	1.82 No	0.3	Element Fault
RPL063	497	'6242028_/_6242025'	1.13	3.33	3.33	0.768	0.3	3.33	1.82 No	0.3	Element Fault
RPL063	498	'43875400_/_43875390'	1.47	3.33	3.33	0.768	0.3	3.33	1.82 No	0.3	Element Fault
RPL063	499	'6232814_/_43874223'	1.57	3.33	3.33	0.768	0.5	3.33	1.82 No	0.5	Element Fault
RPL063	500	'6206007_/_6206005'	1.87	3.33	3.33	0.768	0.3	3.33	1.82 No	0.3	Element Fault
RPL063	501	'6241890_/_6241887'	1.97	3.33	3.33	0.768	0.3	3.33	1.82 No	0.3	Element Fault
RPL063	502	'43874111_/_6227786'	1.7	3.33	3.33	0.768	0.5	3.33	1.82 No	0.5	Element Fault
RPL063	503	'43874199_/_6231983'	1.4	3.33	3.33	0.768	0.5	3.33	1.82 No	0.5	Element Fault
RPL063	504	'6205566_/_6205564'	1.13	3.33	3.33	0.768	0.4	3.33	1.82 No	0.4	Element Fault
RPL063	505	'6228042_/_6228039'	1.33	3.33	3.33	0.768	0.5	3.33	1.82 No	0.5	Element Fault
RPL063	506	'6231921_/_6231918'	1.93	3.33	3.33	0.768	0.3	3.33	1.82 No	0.3	Element Fault
RPL063	507	'6242041_/_6242038'	1.1	3.33	3.33	0.768	0.3	3.33	1.82 No	0.3	Element Fault
RPL063	508	'6206803_/_6206800'	1.57	3.33	3.33	0.768	0.1	3.33	1.82 No	0.1	Element Fault
RPL063	509	'43869325_/_6206293'	1.13	3.33	3.33	0.768	0.4	3.33	1.82 No	0.4	Element Fault
RPL063	510	'43874210_/_6232824'	1.5	3.33	3.33	0.768	0.5	3.33	1.82 No	0.5	Element Fault
RPL063	511	'6227870_/_6227867'	1.63	3.33	3.33	0.768	0.5	3.33	1.82 No	0.5	Element Fault
RPL063	512	'6232827_/_43874212'	1.5	3.33	3.33	0.768	0.5	3.33	1.82 No	0.5	Element Fault
RPL063	513	'6206789_/_6206787'	1.57	3.33	3.33	0.768	0.1	3.33	1.82 No	0.1	Element Fault
RPL063	514	'6206774_/_6206771'	1.1	3.23	3.33	0.768	0.3	3.33	1.82 No	0.3	Element Fault
RPL063	515	'6228149_/_6228146'	1.33	3.33	3.33	0.768	0.5	3.33	1.82 No	0.5	Element Fault
RPL063	516	'6232183_/_6232180'	1.37	3.33	3.33	0.768	0.3	3.33	1.82 No	0.3	Element Fault
RPL063	517	'43875169_/_6231753'	1.13	3.33	3.33	0.768	0.6	3.33	1.82 No	0.6	Element Fault
RPL063	518	'43871275_/_43871277'	1.77	3.33	3.33	0.768	0.3	3.33	1.82 No	0.3	Element Fault
RPL063	519	'70879670_/_6242054_1'	1.07	3.27	3.33	0.768	0.3	3.33	1.82 No	0.3	Element Fault
RPL063	520	'6242057_/_6242054_2'	1.07	3.27	3.33	0.768	0.3	3.33	1.82 No	0.3	Element Fault
RPL063	521	'6228055_/_6228052'	1.27	3.33	3.33	0.768	0.5	3.33	1.82 No	0.5	Element Fault
RPL063	522	'43875280_/_6231931'	1.8	3.33	3.33	0.768	0.3	3.33	1.82 No	0.3	Element Fault

Feeder Name	Feeder ID	Node	Primary Over- Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RPL063	523	'8070443_/_8070441_1'		1.07	3.23	3.33	0.768	0.3	3.33	1.82 No	0.3 Element Fault
RPL063	524	'6227883_/_6227880_1'		1.57	3.33	3.33	0.768	0.5	3.33	1.82 No	0.5 Element Fault
RPL063	525	'6228230_/_6231970'		1.3	3.33	3.33	0.768	0.5	3.33	1.82 No	0.5 Element Fault
RPL063	526	'6229730_/_6229728'		1.57	3.33	3.33	0.768	0.5	3.33	1.82 No	0.5 Element Fault
RPL063	527	'43876649_/_6233296'		1.33	3.33	3.33	0.768	0.3	3.33	1.82 No	0.3 Element Fault
RPL063	528	'43874133_/_6227880_2'		1.57	3.33	3.33	0.768	0.5	3.33	1.82 No	0.5 Element Fault
RPL063	529	'6232238_/_6232235'		1.33	3.33	3.33	0.768	0.3	3.33	1.82 No	0.3 Element Fault
RPL063	530	'6206816_/_6206813'		1.47	3.33	3.33	0.768	0.1	3.33	1.82 No	0.1 Element Fault
RPL063	531	'6205580_/_6205577'		1.07	3.17	3.33	0.768	0.4	3.33	1.82 No	0.4 Element Fault
RPL063	532	'6228162_/_6228159'		1.27	3.33	3.33	0.768	0.5	3.33	1.82 No	0.5 Element Fault
RPL063	533	'43872615_/_43872617'		1.07	3.2	3.33	0.768	0.4	3.33	1.82 No	0.4 Element Fault
RPL063	534	'6215676_/_6215674'		1.47	3.3	3.33	0.768	0.1	3.33	1.82 No	0.1 Element Fault
RPL063	535	'6205640_/_6207069'		1.03	3.1	3.33	0.768	0.4	3.33	1.82 No	0.4 Element Fault
RPL063	536	'6228068_/_6228065'		1.23	3.33	3.33	0.768	0.5	3.33	1.82 No	0.5 Element Fault
RPL063	537	'6215798_/_6215796'		1.67	3.33	3.33	0.768	0.3	3.33	1.82 No	0.3 Element Fault
RPL063	538	'8070444_/_8070441_2'		1	3.1	3.33	0.768	0.3	3.33	1.82 No	0.3 Element Fault
RPL063	539	'6240869_/_6240867'		1.5	3.33	3.33	0.768	0.5	3.33	1.82 No	0.5 Element Fault
RPL063	540	'44986773_/_6231944'		1.7	3.33	3.33	0.768	0.3	3.33	1.82 No	0.3 Element Fault
RPL063	541	'43876638_/_6233587'		1.27	3.33	3.33	0.768	0.3	3.33	1.82 No	0.3 Element Fault
RPL063	542	'6231662_/_43875171'		1.07	3.1	3.33	0.768	0.6	3.33	1.82 No	0.6 Element Fault
RPL063	543	'6227896_/_43874135'		1.5	3.3	3.33	0.768	0.5	3.33	1.82 No	0.5 Element Fault
RPL063	544	'43869104_/_6205638'		1	3	3.33	0.768	0.4	3.33	1.82 No	0.4 Element Fault
RPL063	545	'6227737_/_6228227'		1.23	3.33	3.33	0.768	0.5	3.33	1.82 No	0.5 Element Fault
RPL063	546	'6205625_/_6205622'		1	3	3.33	0.768	0.4	3.33	1.82 No	0.4 Element Fault
RPL063	547	'43873858_/_7107349'		0.97	3	3.33	0.768	0.3	3.33	1.82 No	0.3 Element Fault
RPL063	548	'43874188_/_6228172'		1.2	3.33	3.33	0.768	0.5	3.33	1.82 No	0.5 Element Fault
RPL063	549	'6205596_/_6205593'		1	2.93	3.33	0.768	0.4	3.33	1.82 No	0.4 Element Fault
RPL063	550	'6219837_/_6219902'		1	3	3.33	0.768	0.4	3.33	1.82 No	0.4 Element Fault
RPL063	551	'6207059_/_6215687'		1.37	3.07	3.33	0.768	0.1	3.33	1.82 No	0.1 Element Fault
RPL063	552	'6227909_/_6227906'		1.43	3.13	3.33	0.768	0.5	3.33	1.82 No	0.5 Element Fault
RPL063	553	'6206240_/_6215716'		1.37	3.03	3.33	0.768	0.1	3.33	1.82 No	0.1 Element Fault
RPL063	554	'6232250_/_6233600'		1.2	3.33	3.33	0.768	0.3	3.33	1.82 No	0.3 Element Fault
RPL063	555	'8389596_/_9019473'		0.97	2.87	3.33	0.768	0.3	3.33	1.82 No	0.3 Element Fault
RPL063	556	'6231663_/_6231660'		1	2.9	3.33	0.768	0.6	3.33	1.82 No	0.6 Element Fault
RPL063	557	'45184722_/_6228188'		1.17	3.13	3.33	0.768	0.5	3.33	1.82 No	0.5 Element Fault
RPL063	558	'43872593_/_6219847'		0.97	2.93	3.33	0.768	0.4	3.33	1.82 No	0.4 Element Fault
RPL063	559	'6232251_/_6232248'		1.17	3.33	3.33	0.768	0.3	3.33	1.82 No	0.3 Element Fault
RPL063	560	'6227922_/_6227919'		1.4	3	3.33	0.768	0.5	3.33	1.82 No	0.5 Element Fault
RPL063	561	'7106810_/_7106807'		0.97	2.83	3.33	0.768	0.4	3.33	1.82 No	0.4 Element Fault
RPL063	562	'6205654_/_43869106'		0.97	2.8	3.33	0.768	0.4	3.33	1.82 No	0.4 Element Fault
RPL063	563	'43874100_/_43874102'		1.13	3.07	3.33	0.768	0.5	3.33	1.82 No	0.5 Element Fault
RPL063	564	'6219836_/_43872562'		0.97	2.87	3.33	0.768	0.4	3.33	1.82 No	0.4 Element Fault
RPL063	565	'6206241_/_6206238'		1.3	2.87	3.33	0.768	0.1	3.33	1.82 No	0.1 Element Fault
RPL063	566	'6219863_/_6219860'		0.93	2.83	3.33	0.768	0.4	3.33	1.82 No	0.4 Element Fault
RPL063	567	'6205612_/_6205609'		0.93	2.73	3.33	0.768	0.4	3.33	1.82 No	0.4 Element Fault
RPL063	568	'6206196_/_6207056'		1.3	2.83	3.33	0.768	0.1	3.33	1.82 No	0.1 Element Fault
RPL063	569	'8111564_/_8389594'		0.9	2.7	3.33	0.768	0.3	3.33	1.82 No	0.3 Element Fault
RPL063	570	'43875422_/_6232264'		1.13	3.17	3.33	0.768	0.3	3.33	1.82 No	0.3 Element Fault
RPL063	571	'43875121_/_6231673'		0.97	2.7	3.33	0.768	0.6	3.33	1.82 No	0.6 Element Fault
RPL063	572	'6205670_/_6205667'		0.93	2.7	3.33	0.768	0.4	3.33	1.82 No	0.4 Element Fault
RPL063	573	'6206183_/_6206193'		1.27	2.8	3.33	0.768	0.1	3.33	1.82 No	0.1 Element Fault
RPL063	574	'6219879_/_6219876'		0.93	2.77	3.33	0.768	0.4	3.33	1.82 No	0.4 Element Fault
RPL063	575	'6206209_/_6206206'		1.27	2.77	3.33	0.768	0.1	3.33	1.82 No	0.1 Element Fault
RPL063	576	'6203660_/_6227932'		1.3	2.83	3.33	0.768	0.5	3.33	1.82 No	0.5 Element Fault
RPL063	577	'6227750_/_6227747'		1.07	2.83	3.33	0.768	0.5	3.33	1.82 No	0.5 Element Fault
RPL063	578	'43871512_/_6217260'		1.23	2.7	3.33	0.768	0.1	3.33	1.82 No	0.1 Element Fault
RPL063	579	'43869082_/_6215835'		0.9	2.57	3.33	0.768	0.4	3.33	1.82 No	0.4 Element Fault
RPL063	580	'43869292_/_6206180'		1.23	2.7	3.33	0.768	0.1	3.33	1.82 No	0.1 Element Fault
RPL063	581	'43871286_/_6205680'		0.9	2.6	3.33	0.768	0.4	3.33	1.82 No	0.4 Element Fault
RPL063	582	'6240418_/_43875424'		1.07	2.97	3.33	0.768	0.3	3.33	1.82 No	0.3 Element Fault
RPL063	583	'8070233_/_8111562'		0.87	2.53	3.33	0.768	0.3	3.33	1.82 No	0.3 Element Fault
RPL063	584	'6227763_/_6227760'		1.03	2.77	3.33	0.768	0.5	3.33	1.82 No	0.5 Element Fault
RPL063	585	'43874954_/_6203658'		1.23	2.67	3.33	0.768	0.5	3.33	1.82 No	0.5 Element Fault
RPL063	586	'6219892_/_6219889'		0.9	2.6	3.33	0.768	0.4	3.33	1.82 No	0.4 Element Fault
RPL063	587	'6231689_/_43875123'		0.9	2.53	3.33	0.768	0.6	3.33	1.82 No	0.6 Element Fault
RPL063	588	'6215851_/_6215848'		0.87	2.47	3.33	0.768	0.4	3.33	1.82 No	0.4 Element Fault
RPL063	589	'6206253_/_6207287'		1.17	2.57	3.33	0.768	0.1	3.33	1.82 No	0.1 Element Fault
RPL063	590	'6205699_/_43871288'		0.87	2.5	3.33	0.768	0.4	3.33	1.82 No	0.4 Element Fault
RPL063	591	'7106823_/_7106820'		0.87	2.57	3.33	0.768	0.4	3.33	1.82 No	0.4 Element Fault
RPL063	592	'6203674_/_43874956_1'		1.2	2.6	3.33	0.768	0.5	3.33	1.82 No	0.5 Element Fault
RPL063	593	'43874122_/_43874956_2'		1.2	2.57	3.33	0.768	0.5	3.33	1.82 No	0.5 Element Fault
RPL063	594	'6232279_/_6240428'		1.03	2.77	3.33	0.768	0.3	3.33	1.82 No	0.3 Element Fault
RPL063	595	'6227776_/_6227773'		1	2.6	3.33	0.768	0.5	3.33	1.82 No	0.5 Element Fault
RPL063	596	'6206154_/_6206167'		1.13	2.5	3.33	0.768	0.1	3.33	1.82 No	0.1 Element Fault
RPL063	597	'43869093_/_6205709'		0.83	2.43	3.33	0.768	0.4	3.33	1.82 No	0.4 Element Fault
RPL063	598	'6239325_/_6239322'		0.87	2.4	3.33	0.768	0.6	3.33	1.82 No	0.6 Element Fault
RPL063	599	'43869270_/_6206251'		1.13	2.47	3.33	0.768	0.1	3.33	1.82 No	0.1 Element Fault
RPL063	600	'6232280_/_6232277'		0.97	2.67	3.33	0.768	0.3	3.33	1.82 No	0.3 Element Fault
RPL063	601	'6219807_/_7106794'		0.8	2.33	3.33	0.768	0.4	3.33	1.82 No	0.4 Element Fault
RPL063	602	'6227947_/_43874124'		1.13	2.43	3.33	0.768	0.5	3.33	1.82 No	0.5 Element Fault
RPL063	603	'6206153_/_6206151'		1.1	2.4	3.33	0.768	0.1	3.33	1.82 No	0.1 Element Fault
RPL063	604	'6205725_/_43869095'		0.8	2.33	3.33	0.768	0.4	3.33	1.82 No	0.4 Element Fault
RPL063	605	'43875053_/_6239352'		0.83	2.3	3.33	0.768	0.6	3.33	1.82 No	0.6 Element Fault
RPL063	606	'6206254_/_43869272'		1.07	2.33	3.33	0.768	0.1	3.33	1.82 No	0.1 Element Fault
RPL063	607	'6205738_/_6205735'		0.8	2.33	3.33	0.768	0.4	3.33	1.82 No	0.4 Element Fault
RPL063	608	'6213561_/_6213559'		1.07	2.33	3.33	0.768	0.1	3.33	1.82 No	0.1 Element Fault
RPL063	609	'43872571_/_6219805'		0.77	2.2	3.33	0.768	0.4	3.33	1.82 No	0.4 Element Fault
RPL063	610	'6227948_/_6227945'		1.1	2.3	3.33	0.768	0.5	3.33	1.82 No	0.5 Element Fault
RPL063	611	'6227961_/_6227958'		1.07	2.23	3.33	0.768	0.5	3.33	1.82 No	0.5 Element Fault
RPL063	612	'6233433_/_43875055'		0.8	2.13	3.33	0.768	0.6	3.33	1.82 No	0.6 Element Fault
RPL063	613	'44986575_/_6219818'		0.73	2.1	3.33	0.768	0.4	3.33	1.82 No	0.4 Element Fault
RPL063	614	'51033263_/_43873860'		0.73	2.17	3.33	0.768	0.3	3.33	1.82 No	0.3 Element Fault
RPL063	615	'511925444_/_491793966_1'		0.7	2.13	3.33	0.768	0.1	3.33	1.82 No	0.1 Element Fault
RPL063	616	'43875064_/_6233459'		0.77	2.03	3.33	0.768	0.6	3.33	1.82 No	0.6 Element Fault

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RPL063	617	'7420985_/491793966_2'	0.7	2.07	3.33	0.768	0.1	3.33	1.82	No	0.1 Element Fault
RPL063	618	'6233448_/43875066'	0.73	1.97	3.33	0.768	0.6	3.33	1.82	No	0.6 Element Fault
RPL063	619	'7420986_/491793975'	0.67	1.97	3.33	0.768	0.1	3.33	1.82	No	0.1 Element Fault
RPL063	620	'43875086_/43875088'	0.7	1.9	3.33	0.768	0.6	3.33	1.82	No	0.6 Element Fault
RPL063	621	'43875075_/6233446'	0.7	1.9	3.33	0.768	0.6	3.33	1.82	No	0.6 Element Fault
RPL063	622	'6233420_/43875099_2'	0.7	1.87	3.33	0.768	0.6	3.33	1.82	No	0.6 Element Fault
RPL063	623	'6233449_/43875077'	0.7	1.83	3.33	0.768	0.6	3.33	1.82	No	0.6 Element Fault
RPL063	624	'8699363_/491793984'	0.6	1.83	3.33	0.768	0.1	3.33	1.82	No	0.1 Element Fault
RPL063	625	'43875097_/43875099_1'	0.67	1.73	3.33	0.768	0.3	3.33	1.82	No	0.3 Element Fault
RPL063	626	'7420970_/454559219'	0.57	1.7	3.33	0.768	0.1	3.33	1.82	No	0.1 Element Fault
RPL063	627	'6231621_/6231631'	0.6	1.6	3.33	0.768	0.3	3.33	1.82	No	0.3 Element Fault
RPL063	628	'520558379_/491794005_1'	0.53	1.6	3.33	0.768	0.3	3.33	1.82	No	0.3 Element Fault
RPL063	629	'6231608_/6231618'	0.57	1.47	3.33	0.768	0.3	3.33	1.82	No	0.3 Element Fault
RPL063	630	'6227367_/6231605'	0.53	1.37	3.33	0.768	0.3	3.3	1.82	No	0.3 Element Fault
RPL063	631	'6227354_/6227364'	0.5	1.3	3.33	0.768	0.3	3.22	1.82	No	0.3 Element Fault
RPL063	632	'43873977_/43873979'	0.5	1.27	3.33	0.768	0.3	3.12	1.82	No	0.3 Element Fault
RPL063	633	'6227341_/6227338_2'	0.5	1.27	3.33	0.768	0.3	3.1	1.82	No	0.3 Element Fault
RPL063	634	'6227328_/6227338_1'	0.47	1.23	3.33	0.768	0.3	3.04	1.82	No	0.3 Element Fault
RPL063	635	'6227315_/6227325'	0.47	1.2	3.33	0.768	0.3	2.96	1.82	No	0.3 Element Fault
RPL063	636	'6227302_/6227312'	0.43	1.17	3.33	0.768	0.3	2.9	1.82	No	0.3 Element Fault
RPL063	637	'6227043_/6227299'	0.43	1.1	3.33	0.768	0.3	2.82	1.82	No	0.3 Element Fault
RPL063	638	'6227030_/6227040'	0.43	1.07	3.33	0.768	0.3	2.76	1.82	No	0.3 Element Fault
RPL063	639	'43873905_/43873907'	0.4	1.03	3.33	0.768	0.3	2.64	1.82	No	0.3 Element Fault
RPL063	640	'6227004_/6227014'	0.4	1	3.33	0.768	0.3	2.55	1.82	No	0.3 Element Fault
RPL063	641	'6227003_/6227001'	0.37	0.97	3.33	0.768	0.3	2.49	1.82	No	0.3 Element Fault
RPL063	642	'43873894_/43873896'	0.37	0.93	3.33	0.768	0.3	2.43	1.82	No	0.3 Element Fault
RPL063	643	'6227457_/6227455'	0.33	0.9	3.33	0.768	0.3	2.35	1.82	No	0.3 Element Fault
RPL064	0	'RPL064_/8388628'	10	10	10	2.208	10	10	5.28	No	2.208 Thermal Discharging
RPL064	1	'7752666_/8388628'	10	10	10	2.208	10	10	5.28	No	2.208 Thermal Discharging
RPL064	2	'7752665_/7752663'	10	10	10	2.208	10	10	5.28	No	2.208 Thermal Discharging
RPL064	3	'9331624_/9331622'	10	10	10	2.208	10	10	5.28	No	2.208 Thermal Discharging
RPL064	4	'145953218_/124011210_2'	10	10	10	2.208	10	10	5.28	No	2.208 Thermal Discharging
RPL064	5	'124011024_/124011210_1'	10	10	10	2.208	10	10	5.28	No	2.208 Thermal Discharging
RPL064	6	'6210765_/6213663'	10	10	10	2.208	10	10	5.28	No	2.208 Thermal Discharging
RPL064	7	'6204707_/6210763'	10	10	10	2.208	10	10	5.28	No	2.208 Thermal Discharging
RPL064	8	'145953237_/6213637_2'	3.33	3.33	3.33	0.736	1.1	3.33	1.76	No	0.736 Thermal Discharging
RPL064	9	'6210783_/6210780'	10	10	10	2.208	10	10	5.28	No	2.208 Thermal Discharging
RPL064	10	'6210803_/6210800'	10	10	10	2.208	10	10	5.28	No	2.208 Thermal Discharging
RPL064	11	'6204788_/6210817_1'	10	10	10	2.208	10	10	5.28	No	2.208 Thermal Discharging
RPL064	12	'438688933_/6210817_2'	10	10	10	2.208	10	10	5.28	No	2.208 Thermal Discharging
RPL064	13	'6213639_/6213637_1'	3.33	3.33	3.33	0.736	0.5	3.33	1.76	No	0.5 Element Fault
RPL064	14	'43868946_/43868935'	10	10	10	2.208	10	10	5.28	No	2.208 Thermal Discharging
RPL064	15	'6204869_/43868948'	10	10	10	2.208	10	10	5.28	No	2.208 Thermal Discharging
RPL064	16	'43868751_/6204705'	3.33	3.33	3.33	0.736	1.1	3.33	1.76	No	0.736 Thermal Discharging
RPL064	17	'6210874_/6210871'	10	10	10	2.208	10	10	5.28	No	2.208 Thermal Discharging
RPL064	18	'6204639_/6204637_1'	3.33	3.33	3.33	0.736	0.5	3.33	1.76	No	0.5 Element Fault
RPL064	19	'6204953_/6210891'	10	10	10	2.208	10	10	5.28	No	2.208 Thermal Discharging
RPL064	20	'6210911_/6210908'	10	10	10	2.208	10	10	5.28	No	2.208 Thermal Discharging
RPL064	21	'43868762_/6204786'	3.33	3.33	3.33	0.736	1.1	3.33	1.76	No	0.736 Thermal Discharging
RPL064	22	'6205057_/6210928'	10	10	10	2.208	10	10	5.28	No	2.208 Thermal Discharging
RPL064	23	'6217464_/6217444'	10	10	10	2.208	10	10	5.28	No	2.208 Thermal Discharging
RPL064	24	'6204720_/6204718_1'	3.33	3.33	3.33	0.736	0.5	3.33	1.76	No	0.5 Element Fault
RPL064	25	'6213653_/6213650'	3.33	3.33	3.33	0.736	0.5	3.33	1.76	No	0.5 Element Fault
RPL064	26	'8432184_/8432182_1'	10	10	10	2.208	1.5	10	5.28	No	1.5 Element Fault
RPL064	27	'43870863_/6217427'	10	10	10	2.208	10	10	5.28	No	2.208 Thermal Discharging
RPL064	28	'459827566_/9015481_3'	10	10	10	2.208	10	10	5.28	No	2.208 Thermal Discharging
RPL064	29	'43868795_/6204867'	3.33	3.33	3.33	0.736	1.1	3.33	1.76	No	0.736 Thermal Discharging
RPL064	30	'6204804_/6204802_1'	3.33	3.33	3.33	0.736	0.5	3.33	1.76	No	0.5 Element Fault
RPL064	31	'43868828_/6204951'	3.33	3.33	3.33	0.736	1.1	3.33	1.76	No	0.736 Thermal Discharging
RPL064	32	'6204640_/6204637_2'	3.33	3.33	3.33	0.736	0.5	3.33	1.76	No	0.5 Element Fault
RPL064	33	'6204885_/6204883_1'	3.33	3.33	3.33	0.736	0.5	3.33	1.76	No	0.5 Element Fault
RPL064	34	'43868861_/6205055'	3.33	3.33	3.33	0.736	1.1	3.33	1.76	No	0.736 Thermal Discharging
RPL064	35	'6204966_/6204964_1'	3.33	3.33	3.33	0.736	0.5	3.33	1.76	No	0.5 Element Fault
RPL064	36	'114696046_/9015481_2'	10	10	10	2.208	10	10	5.28	No	2.208 Thermal Discharging
RPL064	37	'7167155_/9015481_1'	10	10	10	2.208	10	10	5.28	No	2.208 Thermal Discharging
RPL064	38	'37961759_/8432182_2'	10	10	10	2.208	1.5	10	5.28	No	1.5 Element Fault
RPL064	39	'37961766_/37961763'	10	10	10	2.208	1.5	10	5.28	No	1.5 Element Fault
RPL064	40	'37961773_/37961777'	3.33	3.33	3.33	0.736	0.5	3.33	1.76	No	0.5 Element Fault
RPL064	41	'37961787_/37961791'	3.33	3.33	3.33	0.736	0.5	3.33	1.76	No	0.5 Element Fault
RPL064	42	'37961800_/37961798'	10	10	10	2.208	1.5	10	5.28	No	1.5 Element Fault
RPL064	43	'6204721_/6204718_2'	3.33	3.33	3.33	0.736	0.5	3.33	1.76	No	0.5 Element Fault
RPL064	44	'6211018_/7167170'	10	10	10	2.208	10	10	5.28	No	2.208 Thermal Discharging
RPL064	45	'8697851_/9331162_1'	10	10	10	2.208	1.8	10	5.28	No	1.8 Element Fault
RPL064	46	'6210998_/6211016'	10	10	10	2.208	10	10	5.28	No	2.208 Thermal Discharging
RPL064	47	'7489210_/9645061'	10	10	10	2.208	1.5	10	5.28	No	1.5 Element Fault
RPL064	48	'6204805_/6204802_2'	3.33	3.33	3.33	0.736	0.5	3.33	1.76	No	0.5 Element Fault
RPL064	49	'6209362_/6211325'	10	10	10	2.208	10	10	5.28	No	2.208 Thermal Discharging
RPL064	50	'6211070_/6211084'	10	10	10	2.208	10	10	5.28	No	2.208 Thermal Discharging
RPL064	51	'7489211_/7489208'	6.67	6.67	6.67	1.472	1	6.67	3.52	No	1 Element Fault
RPL064	52	'8388842_/8388840'	3.33	3.33	3.33	0.736	0.5	3.33	1.76	No	0.5 Element Fault
RPL064	53	'6204886_/6204883_2'	3.33	3.33	3.33	0.736	0.5	3.33	1.76	No	0.5 Element Fault
RPL064	54	'6208410_/6208408_1'	3.33	3.33	3.33	0.736	0.5	3.33	1.76	No	0.5 Element Fault
RPL064	55	'6211053_/6211067'	10	10	10	2.208	10	10	5.28	No	2.208 Thermal Discharging
RPL064	56	'6204967_/6204964_2'	3.33	3.33	3.33	0.736	0.5	3.33	1.76	No	0.5 Element Fault
RPL064	57	'43868740_/6204653'	3.33	3.33	3.33	0.736	0.5	3.33	1.76	No	0.5 Element Fault
RPL064	58	'6211104_/6211101'	10	10	10	2.208	10	10	5.28	No	2.208 Thermal Discharging
RPL064	59	'6211036_/6211050'	10	10	10	2.208	10	10	5.28	No	2.208 Thermal Discharging
RPL064	60	'43869566_/6211121'	10	10	10	2.208	10	10	5.28	No	2.208 Thermal Discharging
RPL064	61	'43869540_/43869542'	10	10	10	2.208	10	10	5.28	No	2.208 Thermal Discharging
RPL064	62	'6211141_/6211138'	10	10	10	2.208	10	10	5.28	No	2.208 Thermal Discharging
RPL064	63	'6211158_/6211155'	10	10	10	2.208	10	10	5.28	No	2.208 Thermal Discharging
RPL064	64	'8698031_/9331162_2'	10	10	10	2.208	1.8	10	5.28	No	1.8 Element Fault
RPL064	65	'43868773_/6204734'	3.33	3.33	3.33	0.736	0.5	3.33	1.76	No	0.5 Element Fault
RPL064	66	'6211175_/6211172'	10	10	10	2.208	10	10	5.28	No	2.208 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RPL064	67	'43869592_/_6211189'	10	10	10	2.208	10	10	5.28 No	2.208	Thermal Discharging
RPL064	68	'67815415_/_6208408_2'	3.33	3.33	3.33	0.736	0.5	3.33	1.76 No	0.5	Element Fault
RPL064	69	'6208394_/_6208408_3'	3.33	3.33	3.33	0.736	0.5	3.33	1.76 No	0.5	Element Fault
RPL064	70	'43868806_/_6204815'	3.33	3.33	3.33	0.736	0.5	3.33	1.76 No	0.5	Element Fault
RPL064	71	'43869579_/_43869594'	10	10	10	2.208	10	10	5.28 No	2.208	Thermal Discharging
RPL064	72	'8074402_/_8698028'	10	10	10	2.208	1.8	10	5.28 No	1.8	Element Fault
RPL064	73	'6211226_/_43869581'	10	10	10	2.208	10	10	5.28 No	2.208	Thermal Discharging
RPL064	74	'67815405_/_6208586'	3.33	3.33	3.33	0.736	0.5	3.33	1.76 No	0.5	Element Fault
RPL064	75	'43868839_/_6204899'	3.33	3.33	3.33	0.736	0.5	3.33	1.76 No	0.5	Element Fault
RPL064	76	'6211243_/_6211240'	10	10	10	2.208	10	10	5.28 No	2.208	Thermal Discharging
RPL064	77	'43868872_/_6204977'	3.33	3.33	3.33	0.736	0.5	3.33	1.76 No	0.5	Element Fault
RPL064	78	'43871499_/_6217115'	10	10	10	2.208	10	10	5.28 No	2.208	Thermal Discharging
RPL064	79	'6204669_/_43868742'	3.33	3.33	3.33	0.736	0.5	3.33	1.76 No	0.5	Element Fault
RPL064	80	'6211259_/_43871501'	10	10	10	2.208	10	10	5.28 No	2.208	Thermal Discharging
RPL064	81	'6211260_/_6211257'	10	10	10	2.208	10	10	5.28 No	2.208	Thermal Discharging
RPL064	82	'6204750_/_6204747'	3.33	3.33	3.33	0.736	0.5	3.33	1.76 No	0.5	Element Fault
RPL064	83	'67815406_/_6208599'	3.33	3.33	3.33	0.736	0.5	3.33	1.76 No	0.5	Element Fault
RPL064	84	'43869605_/_6211274'	10	10	10	2.208	10	10	5.28 No	2.208	Thermal Discharging
RPL064	85	'6204831_/_6204828'	3.33	3.33	3.33	0.736	0.5	3.33	1.76 No	0.5	Element Fault
RPL064	86	'6211294_/_43869607'	10	10	10	2.208	10	10	5.28 No	2.208	Thermal Discharging
RPL064	87	'6208395_/_6208392'	3.33	3.33	3.33	0.736	0.5	3.33	1.76 No	0.5	Element Fault
RPL064	88	'43869618_/_6211308'	10	10	10	2.208	10	10	5.28 No	2.208	Thermal Discharging
RPL064	89	'6204915_/_6204912'	3.33	3.33	3.33	0.736	0.5	3.33	1.76 No	0.5	Element Fault
RPL064	90	'6213754_/_43869620'	10	10	10	2.208	10	10	5.28 No	2.208	Thermal Discharging
RPL064	91	'6204993_/_6204990'	3.33	3.33	3.33	0.736	0.5	3.33	1.76 No	0.5	Element Fault
RPL064	92	'6213774_/_6213771'	10	10	10	2.208	10	10	5.28 No	2.208	Thermal Discharging
RPL064	93	'37960527_/_7439354'	10	10	10	2.208	10	10	5.28 No	2.208	Thermal Discharging
RPL064	94	'405016849_/_645521124'	10	10	10	2.208	10	10	5.28 No	2.208	Thermal Discharging
RPL064	95	'37960513_/_645521142'	10	10	10	2.208	10	10	5.28 No	2.208	Thermal Discharging
RPL064	96	'37960499_/_645521136'	10	10	10	2.208	4.7	10	5.28 No	2.208	Thermal Discharging
RPL064	97	'8698110_/_8698108'	6.67	6.67	6.67	1.472	3.13	6.67	3.52 No	1.472	Thermal Discharging
RPL064	98	'6204763_/_6204760'	3.33	3.33	3.33	0.736	0.5	3.33	1.76 No	0.5	Element Fault
RPL064	99	'6204682_/_6204679'	3.33	3.33	3.33	0.736	0.5	3.33	1.76 No	0.5	Element Fault
RPL064	100	'7439340_/_8074789'	10	10	10	2.208	4.7	10	5.28 No	2.208	Thermal Discharging
RPL064	101	'6204844_/_6204841'	3.33	3.33	3.33	0.736	0.5	3.33	1.76 No	0.5	Element Fault
RPL064	102	'6208427_/_6208424'	3.33	3.33	3.33	0.736	0.5	3.33	1.76 No	0.5	Element Fault
RPL064	103	'6204928_/_6204925'	3.33	3.33	3.33	0.736	0.5	3.33	1.76 No	0.5	Element Fault
RPL064	104	'6205006_/_6205003'	3.33	3.33	3.33	0.736	0.5	3.33	1.76 No	0.5	Element Fault
RPL064	105	'433012588_/_9644985'	3.33	3.33	3.33	0.736	0.5	3.33	1.76 No	0.5	Element Fault
RPL064	106	'7752137_/_9644385'	10	10	10	2.208	4.7	10	5.28 No	2.208	Thermal Discharging
RPL064	107	'37960555_/_9644405'	10	10	10	2.208	4.7	10	5.28 No	2.208	Thermal Discharging
RPL064	108	'43868784_/_6204773'	3.33	3.33	3.33	0.736	0.5	3.33	1.76 No	0.5	Element Fault
RPL064	109	'6208440_/_6208437'	3.33	3.33	3.33	0.736	0.5	3.33	1.76 No	0.5	Element Fault
RPL064	110	'43868729_/_6204692'	3.33	3.33	3.33	0.736	0.5	3.33	1.76 No	0.5	Element Fault
RPL064	111	'43868817_/_6204854'	3.33	3.33	3.33	0.736	0.5	3.33	1.76 No	0.5	Element Fault
RPL064	112	'7439281_/_9015425'	6.67	6.67	6.67	1.472	3.13	6.67	3.52 No	1.472	Thermal Discharging
RPL064	113	'37960716_/_8698408'	10	10	10	2.208	10	10	5.28 No	2.208	Thermal Discharging
RPL064	114	'405017066_/_37960713'	10	10	10	2.208	10	10	5.28 No	2.208	Thermal Discharging
RPL064	115	'37960702_/_37960699'	10	10	10	2.208	4.8	10	5.28 No	2.208	Thermal Discharging
RPL064	116	'37960674_/_37960671'	10	10	10	2.208	4.6	10	5.28 No	2.208	Thermal Discharging
RPL064	117	'37960688_/_37960685'	10	10	10	2.208	10	10	5.28 No	2.208	Thermal Discharging
RPL064	118	'43868850_/_6204938'	3.33	3.33	3.33	0.736	0.5	3.33	1.76 No	0.5	Element Fault
RPL064	119	'523032853_/_523032859'	6.67	6.67	6.67	1.472	3.2	6.67	3.52 No	1.472	Thermal Discharging
RPL064	120	'535233600_/_8074849_2'	10	10	10	2.208	4.6	10	5.28 No	2.208	Thermal Discharging
RPL064	121	'9015428_/_9015521'	10	10	10	2.208	4.7	10	5.28 No	2.208	Thermal Discharging
RPL064	122	'6213872_/_8074849_1'	10	10	10	2.208	4.6	10	5.28 No	2.208	Thermal Discharging
RPL064	123	'43868883_/_6205016'	3.33	3.33	3.33	0.736	0.5	3.33	1.76 No	0.5	Element Fault
RPL064	124	'6215411_/_9018373'	10	10	10	2.208	10	10	5.28 No	2.208	Thermal Discharging
RPL064	125	'6211874_/_6215408'	10	10	10	2.208	10	10	5.28 No	2.208	Thermal Discharging
RPL064	126	'523032882_/_523032886'	10	10	10	2.208	4.8	10	5.28 No	2.208	Thermal Discharging
RPL064	127	'68314121_/_6213889_1'	10	10	10	2.208	1.5	10	5.28 No	1.5	Element Fault
RPL064	128	'6211861_/_6211859_1'	3.33	3.33	3.33	0.736	0.5	3.33	1.76 No	0.5	Element Fault
RPL064	129	'394009934_/_7439338_1'	3.33	3.33	3.33	0.736	1.57	3.33	1.76 No	0.736	Thermal Discharging
RPL064	130	'6208615_/_6208612'	3.33	3.33	3.33	0.736	0.5	3.33	1.76 No	0.5	Element Fault
RPL064	131	'6213741_/_7439338_2'	3.33	3.33	3.33	0.736	1.57	3.33	1.76 No	0.736	Thermal Discharging
RPL064	132	'49995959_/_6215428'	10	10	10	2.208	10	10	5.28 No	2.208	Thermal Discharging
RPL064	133	'114695956_/_9644605_1'	10	10	10	2.208	10	10	5.28 No	2.208	Thermal Discharging
RPL064	134	'43870942_/_6211859_2'	3.33	3.33	3.33	0.736	0.5	3.33	1.76 No	0.5	Element Fault
RPL064	135	'6204601_/_6204598'	2.53	3.33	3.33	0.736	0.5	3.33	1.76 No	0.5	Element Fault
RPL064	136	'394009949_/_9331298_2'	3.33	3.33	3.33	0.736	1.57	3.33	1.76 No	0.736	Thermal Discharging
RPL064	137	'6204776_/_43868786'	3	3.33	3.33	0.736	0.5	3.33	1.76 No	0.5	Element Fault
RPL064	138	'37960835_/_9644605_2'	10	10	10	2.208	10	10	5.28 No	2.208	Thermal Discharging
RPL064	139	'405017159_/_571133686'	10	10	10	2.208	10	10	5.28 No	2.208	Thermal Discharging
RPL064	140	'37960798_/_571133692'	10	10	10	2.208	4.9	10	5.28 No	2.208	Thermal Discharging
RPL064	141	'37960821_/_571133680'	10	10	10	2.208	4.8	10	5.28 No	2.208	Thermal Discharging
RPL064	142	'37960807_/_571133698'	10	10	10	2.208	10	10	5.28 No	2.208	Thermal Discharging
RPL064	143	'43870978_/_43870980'	10	10	10	2.208	3.2	10	5.28 No	2.208	Thermal Discharging
RPL064	144	'362600657_/_391178642'	10	10	10	2.208	4.8	10	5.28 No	2.208	Thermal Discharging
RPL064	145	'362600632_/_362600654'	10	10	10	2.208	4.8	10	5.28 No	2.208	Thermal Discharging
RPL064	146	'362600641_/_362600638'	10	10	10	2.208	4.8	10	5.28 No	2.208	Thermal Discharging
RPL064	147	'362600649_/_362600646'	10	10	10	2.208	4.8	10	5.28 No	2.208	Thermal Discharging
RPL064	148	'362600633_/_362600630'	10	10	10	2.208	4.8	10	5.28 No	2.208	Thermal Discharging
RPL064	149	'6208453_/_6208450'	3.33	3.33	3.33	0.736	0.5	3.33	1.76 No	0.5	Element Fault
RPL064	150	'43870965_/_6213889_2'	10	10	10	2.208	1.5	10	5.28 No	1.5	Element Fault
RPL064	151	'43871138_/_6213788'	3.33	3.33	3.33	0.736	1.1	3.33	1.76 No	0.736	Thermal Discharging
RPL064	152	'6204857_/_43868819'	3.2	3.33	3.33	0.736	0.5	3.33	1.76 No	0.5	Element Fault
RPL064	153	'6213701_/_6213814'	3.33	3.33	3.33	0.736	1.1	3.33	1.76 No	0.736	Thermal Discharging
RPL064	154	'362600813_/_362600834'	10	10	10	2.208	4.8	10	5.28 No	2.208	Thermal Discharging
RPL064	155	'379870003_/_6213725_1'	3.33	3.33	3.33	0.736	1.1	3.33	1.76 No	0.736	Thermal Discharging
RPL064	156	'391179742_/_7752135_1'	3.33	3.33	3.33	0.736	1.57	3.33	1.76 No	0.736	Thermal Discharging
RPL064	157	'6213791_/_8388202_2'	3.33	3.33	3.33	0.736	1.1	3.33	1.76 No	0.736	Thermal Discharging
RPL064	158	'52425182_/_6211902_2'	10	10	10	2.208	3.2	10	5.28 No	2.208	Thermal Discharging
RPL064	159	'374217906_/_571133628'	10	10	10	2.208	4.9	10	5.28 No	2.208	Thermal Discharging
RPL064	160	'6211753_/_7752135_2'	3.33	3.33	3.33	0.736	1.57	3.33	1.76 No	0.736	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RPL064	161	'6205032_/_6205029'		3.33	3.33	3.33	0.736	0.5	3.33	1.76 No	0.5 Element Fault
RPL064	162	'6204941_/_43868852'		3.33	3.33	3.33	0.736	0.5	3.33	1.76 No	0.5 Element Fault
RPL064	163	'391179726_/_9331222_2'		3.33	3.33	3.33	0.736	1.57	3.33	1.76 No	0.736 Thermal Discharging
RPL064	164	'6211741_/_43870225_1'		3.33	3.33	3.33	0.736	0.5	3.33	1.76 No	0.5 Element Fault
RPL064	165	'379870009_/_6213725_2'		3.33	3.33	3.33	0.736	1.1	3.33	1.76 No	0.736 Thermal Discharging
RPL064	166	'6213702_/_6213699'		3.33	3.33	3.33	0.736	1.1	3.33	1.76 No	0.736 Thermal Discharging
RPL064	167	'43871173_/_391178676'		10	10	10	2.208	4.8	10	5.28 No	2.208 Thermal Discharging
RPL064	168	'52425252_/_43871175_1'		6.67	6.67	6.67	1.472	0.6	6.67	3.52 No	0.6 Element Fault
RPL064	169	'8388088_/_8388202_1'		3.33	3.33	3.33	0.736	0.5	3.33	1.76 No	0.5 Element Fault
RPL064	170	'67815600_/_9644445_2'		10	10	10	2.208	4.8	10	5.28 No	2.208 Thermal Discharging
RPL064	171	'67815437_/_9644445_1'		10	10	10	2.208	4.8	10	5.28 No	2.208 Thermal Discharging
RPL064	172	'9331204_/_9331222_1'		3.33	3.33	3.33	0.736	1.57	3.33	1.76 No	0.736 Thermal Discharging
RPL064	173	'67815610_/_67815444_1'		10	10	10	2.208	4.8	10	5.28 No	2.208 Thermal Discharging
RPL064	174	'7439280_/_7439278'		10	10	10	2.208	4.7	10	5.28 No	2.208 Thermal Discharging
RPL064	175	'6204613_/_6204624'		2.03	3.33	3.33	0.736	0.5	3.33	1.76 No	0.5 Element Fault
RPL064	176	'67917774_/_67815444_2'		10	10	10	2.208	4.8	10	5.28 No	2.208 Thermal Discharging
RPL064	177	'6213942_/_43871175_2'		6.67	6.67	6.67	1.472	0.6	6.67	3.52 No	0.6 Element Fault
RPL064	178	'370120802_/_571133605'		10	10	10	2.208	4.9	10	5.28 No	2.208 Thermal Discharging
RPL064	179	'37960856_/_37960867'		10	10	10	2.208	4.9	10	5.28 No	2.208 Thermal Discharging
RPL064	180	'370120848_/_37960853'		10	10	10	2.208	4.9	10	5.28 No	2.208 Thermal Discharging
RPL064	181	'370120806_/_37960895'		10	10	10	2.208	4.9	10	5.28 No	2.208 Thermal Discharging
RPL064	182	'37960877_/_37960881'		10	10	10	2.208	4.9	10	5.28 No	2.208 Thermal Discharging
RPL064	183	'6209296_/_43870967'		10	10	10	2.208	1.5	10	5.28 No	1.5 Element Fault
RPL064	184	'6211740_/_43870225_2'		3.33	3.33	3.33	0.736	0.5	3.33	1.76 No	0.5 Element Fault
RPL064	185	'8074912_/_8074909_2'		10	10	10	2.208	10	10	5.28 No	2.208 Thermal Discharging
RPL064	186	'6204614_/_6204611'		1.9	3.33	3.33	0.736	0.5	3.33	1.76 No	0.5 Element Fault
RPL064	187	'6209972_/_8074909_1'		10	10	10	2.208	10	10	5.28 No	2.208 Thermal Discharging
RPL064	188	'6215135_/_6215132'		10	10	10	2.208	10	10	5.28 No	2.208 Thermal Discharging
RPL064	189	'43869843_/_6213712'		3.33	3.33	3.33	0.736	1.1	3.33	1.76 No	0.736 Thermal Discharging
RPL064	190	'6215155_/_6215152'		10	10	10	2.208	10	10	5.28 No	2.208 Thermal Discharging
RPL064	191	'6209345_/_6211902_1'		10	10	10	2.208	3.2	10	5.28 No	2.208 Thermal Discharging
RPL064	192	'8074735_/_8074733'		6.67	6.67	6.67	1.472	3.13	6.67	3.52 No	1.472 Thermal Discharging
RPL064	193	'9018104_/_9018101_1'		10	10	10	2.208	1.5	10	5.28 No	1.5 Element Fault
RPL064	194	'43870671_/_6215169'		10	10	10	2.208	10	10	5.28 No	2.208 Thermal Discharging
RPL064	195	'6213982_/_9018101_2'		10	10	10	2.208	1.5	10	5.28 No	1.5 Element Fault
RPL064	196	'43870258_/_6209969'		10	10	10	2.208	8.7	10	5.28 No	2.208 Thermal Discharging
RPL064	197	'6208057_/_529538270'		3.33	3.33	3.33	0.736	1.1	3.33	1.76 No	0.736 Thermal Discharging
RPL064	198	'597533973_/_511239908_2'		10	10	10	2.208	5.3	10	5.28 No	2.208 Thermal Discharging
RPL064	199	'37960933_/_367729606'		10	10	10	2.208	4.9	10	5.28 No	2.208 Thermal Discharging
RPL064	200	'37960912_/_37960937'		10	10	10	2.208	4.9	10	5.28 No	2.208 Thermal Discharging
RPL064	201	'43869975_/_6211846'		3.33	3.33	3.33	0.736	0.5	3.33	1.76 No	0.5 Element Fault
RPL064	202	'370120884_/_37960909'		10	10	10	2.208	4.9	10	5.28 No	2.208 Thermal Discharging
RPL064	203	'37960947_/_37960951'		10	10	10	2.208	4.9	10	5.28 No	2.208 Thermal Discharging
RPL064	204	'370120878_/_37960923'		10	10	10	2.208	4.9	10	5.28 No	2.208 Thermal Discharging
RPL064	205	'6205045_/_6205042'		2.57	3.33	3.33	0.736	0.5	3.33	1.76 No	0.5 Element Fault
RPL064	206	'6208469_/_6208466'		3.33	3.33	3.33	0.736	0.5	3.33	1.76 No	0.5 Element Fault
RPL064	207	'6215189_/_6215186'		10	10	10	2.208	10	10	5.28 No	2.208 Thermal Discharging
RPL064	208	'6215864_/_6215861'		1.8	3.33	3.33	0.736	0.5	3.33	1.76 No	0.5 Element Fault
RPL064	209	'5316706_/_7095203'		10	10	10	2.208	10	10	5.28 No	2.208 Thermal Discharging
RPL064	210	'8388089_/_8388086'		3.33	3.33	3.33	0.736	0.5	3.33	1.76 No	0.5 Element Fault
RPL064	211	'43687299_/_5316704'		10	10	10	2.208	10	10	5.28 No	2.208 Thermal Discharging
RPL064	212	'43870271_/_43870273'		10	10	10	2.208	8.7	10	5.28 No	2.208 Thermal Discharging
RPL064	213	'6209938_/_6209935_2'		10	10	10	2.208	8.7	10	5.28 No	2.208 Thermal Discharging
RPL064	214	'9644468_/_9644465'		10	10	10	2.208	4.4	10	5.28 No	2.208 Thermal Discharging
RPL064	215	'43871185_/_6213980'		10	10	10	2.208	1.5	10	5.28 No	1.5 Element Fault
RPL064	216	'43870183_/_6209259'		10	10	10	2.208	1.5	10	5.28 No	1.5 Element Fault
RPL064	217	'5312847_/_5316721'		10	10	10	2.208	10	10	5.28 No	2.208 Thermal Discharging
RPL064	218	'8388068_/_367729528'		10	10	10	2.208	4.9	10	5.28 No	2.208 Thermal Discharging
RPL064	219	'43687312_/_5316744'		10	10	10	2.208	10	10	5.28 No	2.208 Thermal Discharging
RPL064	220	'5312834_/_5312831_2'		3.33	3.33	3.33	0.736	1.1	3.33	1.76 No	0.736 Thermal Discharging
RPL064	221	'6209921_/_6209935_1'		10	10	10	2.208	8.7	10	5.28 No	2.208 Thermal Discharging
RPL064	222	'5316767_/_5316764'		10	10	10	2.208	10	10	5.28 No	2.208 Thermal Discharging
RPL064	223	'7439160_/_9644317_1'		3.33	3.33	3.33	0.736	1.57	3.33	1.76 No	0.736 Thermal Discharging
RPL064	224	'6209346_/_6209343_1'		10	10	10	2.208	3.2	10	5.28 No	2.208 Thermal Discharging
RPL064	225	'67815579_/_5316798_1'		10	10	10	2.208	10	10	5.28 No	2.208 Thermal Discharging
RPL064	226	'5312859_/_5316798_2'		10	10	10	2.208	10	10	5.28 No	2.208 Thermal Discharging
RPL064	227	'67815573_/_5316781_1'		10	10	10	2.208	10	10	5.28 No	2.208 Thermal Discharging
RPL064	228	'6208534_/_6208531'		3.23	3.33	3.33	0.736	0.5	3.33	1.76 No	0.5 Element Fault
RPL064	229	'247492025_/_247492030'		10	10	10	2.208	4.9	10	5.28 No	2.208 Thermal Discharging
RPL064	230	'61697362_/_43687327_1'		3.33	3.33	3.33	0.736	0.5	3.33	1.76 No	0.5 Element Fault
RPL064	231	'6211795_/_9644317_2'		3.33	3.33	3.33	0.736	1.57	3.33	1.76 No	0.736 Thermal Discharging
RPL064	232	'6209904_/_6209918'		10	10	10	2.208	8.7	10	5.28 No	2.208 Thermal Discharging
RPL064	233	'43870234_/_6209343_2'		10	10	10	2.208	3.2	10	5.28 No	2.208 Thermal Discharging
RPL064	234	'6208482_/_6208479'		3.07	3.33	3.33	0.736	0.5	3.33	1.76 No	0.5 Element Fault
RPL064	235	'67815595_/_5312896_1'		3.33	3.33	3.33	0.736	0.5	3.33	1.76 No	0.5 Element Fault
RPL064	236	'5316784_/_5316781_2'		10	10	10	2.208	10	10	5.28 No	2.208 Thermal Discharging
RPL064	237	'6215825_/_6215822'		1.57	3.33	3.33	0.736	0.5	3.33	1.76 No	0.5 Element Fault
RPL064	238	'9015543_/_9331238_2'		3.33	3.33	3.33	0.736	1.57	3.33	1.76 No	0.736 Thermal Discharging
RPL064	239	'6208136_/_6208133'		3.33	3.33	3.33	0.736	1.1	3.33	1.76 No	0.736 Thermal Discharging
RPL064	240	'6211796_/_6213073_1'		3.33	3.33	3.33	0.736	0.5	3.33	1.76 No	0.5 Element Fault
RPL064	241	'5334940_/_5335010'		10	10	10	2.208	10	10	5.28 No	2.208 Thermal Discharging
RPL064	242	'37960989_/_511239908_1'		10	10	10	2.208	2.3	10	5.28 No	2.208 Thermal Discharging
RPL064	243	'37960968_/_37960993'		10	10	10	2.208	2.3	10	5.28 No	2.208 Thermal Discharging
RPL064	244	'37960961_/_37960965'		10	10	10	2.208	2.3	10	5.28 No	2.208 Thermal Discharging
RPL064	245	'37961003_/_37961007'		10	10	10	2.208	2.3	10	5.28 No	2.208 Thermal Discharging
RPL064	246	'37960978_/_37960979'		10	10	10	2.208	2.3	10	5.28 No	2.208 Thermal Discharging
RPL064	247	'5334941_/_5334938'		3.33	3.33	3.33	0.736	0.5	3.33	1.76 No	0.5 Element Fault
RPL064	248	'43870284_/_43870286'		10	10	10	2.208	8.7	10	5.28 No	2.208 Thermal Discharging
RPL064	249	'5316817_/_5334993'		10	10	10	2.208	10	10	5.28 No	2.208 Thermal Discharging
RPL064	250	'8697943_/_8698208'		10	10	10	2.208	4.4	10	5.28 No	2.208 Thermal Discharging
RPL064	251	'6208667_/_6208677'		2.67	3.33	3.33	0.736	0.5	3.33	1.76 No	0.5 Element Fault
RPL064	252	'6208058_/_6208055'		3.33	3.33	3.33	0.736	1.1	3.33	1.76 No	0.736 Thermal Discharging
RPL064	253	'5316818_/_5316815'		10	10	10	2.208	10	10	5.28 No	2.208 Thermal Discharging
RPL064	254	'379869916_/_6208188_2'		3.33	3.33	3.33	0.736	1.1	3.33	1.76 No	0.736 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RPL064	255	'6208833_/_6213960'		10	10	10	2.208	1.5	10	5.28 No	1.5 Element Fault
RPL064	256	'5334953_/_5334967'		3.33	3.33	3.33	0.736	0.5	3.33	1.76 No	0.5 Element Fault
RPL064	257	'43870197_/_43870185'		10	10	10	2.208	1.5	10	5.28 No	1.5 Element Fault
RPL064	258	'5334954_/_5334951'		3.33	3.33	3.33	0.736	0.5	3.33	1.76 No	0.5 Element Fault
RPL064	259	'5313015_/_5316832'		10	10	10	2.208	10	10	5.28 No	2.208 Thermal Discharging
RPL064	260	'5312833_/_5312831_1'		3.33	3.33	3.33	0.736	0.5	3.33	1.76 No	0.5 Element Fault
RPL064	261	'67917797_/_67917819'		10	10	10	2.208	4.8	10	5.28 No	2.208 Thermal Discharging
RPL064	262	'6209279_/_7752055_2'		10	10	10	2.208	1.5	10	5.28 No	1.5 Element Fault
RPL064	263	'6209870_/_6209884'		10	10	10	2.208	8.7	10	5.28 No	2.208 Thermal Discharging
RPL064	264	'5313864_/_5313884'		10	10	10	2.208	3.5	10	5.28 No	2.208 Thermal Discharging
RPL064	265	'5316852_/_5316849'		10	10	10	2.208	10	10	5.28 No	2.208 Thermal Discharging
RPL064	266	'6214037_/_8388294_2'		10	10	10	2.208	2.3	10	5.28 No	2.208 Thermal Discharging
RPL064	267	'5316872_/_5316869'		10	10	10	2.208	10	10	5.28 No	2.208 Thermal Discharging
RPL064	268	'6208178_/_6208188_1'		3.33	3.33	3.33	0.736	0.3	3.33	1.76 No	0.3 Element Fault
RPL064	269	'5313016_/_5313029_1'		3.33	3.33	3.33	0.736	0.5	3.33	1.76 No	0.5 Element Fault
RPL064	270	'37960631_/_37960629'		10	10	10	2.208	4.7	10	5.28 No	2.208 Thermal Discharging
RPL064	271	'37960624_/_37960622'		10	10	10	2.208	4.8	10	5.28 No	2.208 Thermal Discharging
RPL064	272	'37960639_/_67917794'		10	10	10	2.208	4.8	10	5.28 No	2.208 Thermal Discharging
RPL064	273	'6214020_/_8388294_1'		10	10	10	2.208	1.5	10	5.28 No	1.5 Element Fault
RPL064	274	'37960618_/_37960643'		10	10	10	2.208	4.8	10	5.28 No	2.208 Thermal Discharging
RPL064	275	'37960611_/_37960615'		10	10	10	2.208	4.8	10	5.28 No	2.208 Thermal Discharging
RPL064	276	'391179610_/_7752231_1'		3.33	3.33	3.33	0.736	1.57	3.33	1.76 No	0.736 Thermal Discharging
RPL064	277	'5313070_/_5316886'		10	10	10	2.208	10	10	5.28 No	2.208 Thermal Discharging
RPL064	278	'8697942_/_8697940'		3.33	3.33	3.33	0.736	1.47	3.33	1.76 No	0.736 Thermal Discharging
RPL064	279	'50755998_/_43687327_2'		3.33	3.33	3.33	0.736	0.5	3.33	1.76 No	0.5 Element Fault
RPL064	280	'6208628_/_6208625'		2.33	3.33	3.33	0.736	0.5	3.33	1.76 No	0.5 Element Fault
RPL064	281	'6209869_/_6209867'		10	10	10	2.208	8.7	10	5.28 No	2.208 Thermal Discharging
RPL064	282	'523032835_/_523032921'		3.33	3.33	3.33	0.736	1.4	3.33	1.76 No	0.736 Thermal Discharging
RPL064	283	'67815611_/_6213840'		3.33	3.33	3.33	0.736	1.5	3.33	1.76 No	0.736 Thermal Discharging
RPL064	284	'5312899_/_5312896_2'		3.33	3.33	3.33	0.736	0.5	3.33	1.76 No	0.5 Element Fault
RPL064	285	'67815667_/_67815607_1'		3.33	3.33	3.33	0.736	1.5	3.33	1.76 No	0.736 Thermal Discharging
RPL064	286	'247492114_/_247492159'		10	10	10	2.208	4.9	10	5.28 No	2.208 Thermal Discharging
RPL064	287	'5316906_/_5316903'		10	10	10	2.208	10	10	5.28 No	2.208 Thermal Discharging
RPL064	288	'5313071_/_5313068_1'		3.33	3.33	3.33	0.736	0.5	3.33	1.76 No	0.5 Element Fault
RPL064	289	'6213246_/_7752231_2'		3.33	3.33	3.33	0.736	1.57	3.33	1.76 No	0.736 Thermal Discharging
RPL064	290	'49995941_/_67815626_1'		3.33	3.33	3.33	0.736	1.5	3.33	1.76 No	0.736 Thermal Discharging
RPL064	291	'391179585_/_6213231_1'		3.33	3.33	3.33	0.736	1.5	3.33	1.76 No	0.736 Thermal Discharging
RPL064	292	'76021012_/_76020976_2'		10	10	10	2.208	4.8	10	5.28 No	2.208 Thermal Discharging
RPL064	293	'370120927_/_7752387'		10	10	10	2.208	2.3	10	5.28 No	2.208 Thermal Discharging
RPL064	294	'37961024_/_37961056'		10	10	10	2.208	2.3	10	5.28 No	2.208 Thermal Discharging
RPL064	295	'370120935_/_37961035'		3.33	3.33	3.33	0.736	0.77	3.33	1.76 No	0.736 Thermal Discharging
RPL064	296	'37961017_/_37961021'		10	10	10	2.208	2.3	10	5.28 No	2.208 Thermal Discharging
RPL064	297	'6213233_/_6213231_2'		3.33	3.33	3.33	0.736	0.5	3.33	1.76 No	0.5 Element Fault
RPL064	298	'43871160_/_76020976_1'		10	10	10	2.208	3.4	10	5.28 No	2.208 Thermal Discharging
RPL064	299	'5313588_/_5316920'		10	10	10	2.208	10	10	5.28 No	2.208 Thermal Discharging
RPL064	300	'391179596_/_8388238_2'		3.33	3.33	3.33	0.736	1.5	3.33	1.76 No	0.736 Thermal Discharging
RPL064	301	'6208547_/_6208544'		2.2	3.33	3.33	0.736	0.5	3.33	1.76 No	0.5 Element Fault
RPL064	302	'43870719_/_6210677'		10	10	10	2.208	8.7	10	5.28 No	2.208 Thermal Discharging
RPL064	303	'5312706_/_43870236'		10	10	10	2.208	3.2	10	5.28 No	2.208 Thermal Discharging
RPL064	304	'5312999_/_5313861'		10	10	10	2.208	1.6	10	5.28 No	1.6 Element Fault
RPL064	305	'5313087_/_5313068_2'		3.33	3.33	3.33	0.736	0.5	3.33	1.76 No	0.5 Element Fault
RPL064	306	'5312481_/_5313901'		3.33	3.33	3.33	0.736	0.5	3.33	1.76 No	0.5 Element Fault
RPL064	307	'5313589_/_5313599_1'		3.33	3.33	3.33	0.736	0.5	3.33	1.76 No	0.5 Element Fault
RPL064	308	'43869986_/_43869977'		3.33	3.33	3.33	0.736	0.5	3.33	1.76 No	0.5 Element Fault
RPL064	309	'5316943_/_5316940'		10	10	10	2.208	10	10	5.28 No	2.208 Thermal Discharging
RPL064	310	'6209332_/_6213073_2'		3.33	3.33	3.33	0.736	0.5	3.33	1.76 No	0.5 Element Fault
RPL064	311	'6210598_/_6210694'		10	10	10	2.208	8.7	10	5.28 No	2.208 Thermal Discharging
RPL064	312	'6208071_/_6208068'		3.33	3.33	3.33	0.736	1.1	3.33	1.76 No	0.736 Thermal Discharging
RPL064	313	'43870010_/_43870012'		10	10	10	2.208	1.5	10	5.28 No	1.5 Element Fault
RPL064	314	'5317235_/_5317267'		10	10	10	2.208	10	10	5.28 No	2.208 Thermal Discharging
RPL064	315	'5316342_/_5317233'		10	10	10	2.208	10	10	5.28 No	2.208 Thermal Discharging
RPL064	316	'8074871_/_9331362_1'		3.33	3.33	3.33	0.736	0.5	3.33	1.76 No	0.5 Element Fault
RPL064	317	'5313602_/_5313599_2'		3.33	3.33	3.33	0.736	0.5	3.33	1.76 No	0.5 Element Fault
RPL064	318	'6208834_/_6208831'		10	10	10	2.208	1.5	10	5.28 No	1.5 Element Fault
RPL064	319	'43687382_/_5313029_2'		3.33	3.33	3.33	0.736	0.5	3.33	1.76 No	0.5 Element Fault
RPL064	320	'6210599_/_6215780_1'		3.33	3.33	3.33	0.736	0.5	3.33	1.76 No	0.5 Element Fault
RPL064	321	'43870297_/_43870299'		10	10	10	2.208	8.6	10	5.28 No	2.208 Thermal Discharging
RPL064	322	'6213234_/_6213231_3'		3.33	3.33	3.33	0.736	0.5	3.33	1.76 No	0.5 Element Fault
RPL064	323	'8737877_/_8737874'		3.33	3.33	3.33	0.736	0.5	3.33	1.76 No	0.5 Element Fault
RPL064	324	'5316343_/_5316353_1'		3.33	3.33	3.33	0.736	0.5	3.33	1.76 No	0.5 Element Fault
RPL064	325	'6211811_/_6211826_2'		10	10	10	2.208	8.6	10	5.28 No	2.208 Thermal Discharging
RPL064	326	'43869854_/_6208214'		3.33	3.33	3.33	0.736	1.1	3.33	1.76 No	0.736 Thermal Discharging
RPL064	327	'5316962_/_5317250'		10	10	10	2.208	10	10	5.28 No	2.208 Thermal Discharging
RPL064	328	'6208495_/_6208492'		2.03	3.33	3.33	0.736	0.5	3.33	1.76 No	0.5 Element Fault
RPL064	329	'6208560_/_6208557'		2.03	3.33	3.33	0.736	0.5	3.33	1.76 No	0.5 Element Fault
RPL064	330	'6208666_/_6208664'		2	3.33	3.33	0.736	0.5	3.33	1.76 No	0.5 Element Fault
RPL064	331	'8074872_/_9331362_2'		3.33	3.33	3.33	0.736	0.5	3.33	1.76 No	0.5 Element Fault
RPL064	332	'6213843_/_67815626_2'		3.33	3.33	3.33	0.736	1.5	3.33	1.76 No	0.736 Thermal Discharging
RPL064	333	'6209065_/_6211826_1'		10	10	10	2.208	8.6	10	5.28 No	2.208 Thermal Discharging
RPL064	334	'43869832_/_43869834'		3.33	3.33	3.33	0.736	0.3	3.33	1.76 No	0.3 Element Fault
RPL064	335	'5312928_/_5312925'		3.33	3.33	3.33	0.736	0.5	3.33	1.76 No	0.5 Element Fault
RPL064	336	'5316356_/_5316353_2'		3.33	3.33	3.33	0.736	0.5	3.33	1.76 No	0.5 Element Fault
RPL064	337	'5313656_/_5316960'		10	10	10	2.208	10	10	5.28 No	2.208 Thermal Discharging
RPL064	338	'6208161_/_6208175'		3.33	3.33	3.33	0.736	0.3	3.33	1.76 No	0.3 Element Fault
RPL064	339	'144506516_/_6217220'		10	10	10	2.208	8.6	10	5.28 No	2.208 Thermal Discharging
RPL064	340	'52425192_/_5312704'		8.6	10	10	2.208	3.2	10	5.28 No	2.208 Thermal Discharging
RPL064	341	'6213203_/_43871162'		10	10	10	2.208	3.4	10	5.28 No	2.208 Thermal Discharging
RPL064	342	'6208910_/_6208908_1'		10	10	10	2.208	3	10	5.28 No	2.208 Thermal Discharging
RPL064	343	'5312707_/_625512939_2'		8.6	10	10	2.208	3.2	10	5.28 No	2.208 Thermal Discharging
RPL064	344	'6217206_/_144506525'		10	10	10	2.208	8.6	10	5.28 No	2.208 Thermal Discharging
RPL064	345	'5316980_/_5316977'		10	10	10	2.208	10	10	5.28 No	2.208 Thermal Discharging
RPL064	346	'61697366_/_5313683_3'		3.33	3.33	3.33	0.736	1.1	3.33	1.76 No	0.736 Thermal Discharging
RPL064	347	'6208641_/_6208638'		1.93	3.33	3.33	0.736	0.5	3.33	1.76 No	0.5 Element Fault
RPL064	348	'6195228_/_7095220'		10	10	10	2.208	10	10	5.28 No	2.208 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
											VSR (MW)	Limiting Threshold
RPL064	349	'43687347_/_5313097'		3.33	3.33	3.33	0.736	0.5	3.33	1.76 No	0.5	Element Fault
RPL064	350	'5312482_/_5312479'		3.33	3.33	3.33	0.736	0.5	3.33	1.76 No	0.5	Element Fault
RPL064	351	'6217171_/_6217203'		10	10	10	2.208	8.6	10	5.28 No	2.208	Thermal Discharging
RPL064	352	'5312986_/_5334980'		3.33	3.33	3.33	0.736	0.5	3.33	1.76 No	0.5	Element Fault
RPL064	353	'6185542_/_6195226'		10	10	10	2.208	10	10	5.28 No	2.208	Thermal Discharging
RPL064	354	'5313670_/_5313683_2'		3.33	3.33	3.33	0.736	0.5	3.33	1.76 No	0.5	Element Fault
RPL064	355	'6201096_/_6201110'		10	10	10	2.208	10	10	5.28 No	2.208	Thermal Discharging
RPL064	356	'43865122_/_6197792'		10	10	10	2.208	10	10	5.28 No	2.208	Thermal Discharging
RPL064	357	'247492069_/_247492133'		10	10	10	2.208	4.9	10	5.28 No	2.208	Thermal Discharging
RPL064	358	'144506620_/_144506617'		10	10	10	2.208	4.7	10	5.28 No	2.208	Thermal Discharging
RPL064	359	'137047634_/_69936390_1'		10	10	10	2.208	1.6	10	5.28 No	1.6	Element Fault
RPL064	360	'5312944_/_5312941'		3.33	3.33	3.33	0.736	0.5	3.33	1.76 No	0.5	Element Fault
RPL064	361	'6201066_/_6201093'		10	10	10	2.208	10	10	5.28 No	2.208	Thermal Discharging
RPL064	362	'144506682_/_144506654_1'		10	10	10	2.208	0.9	10	5.28 No	0.9	Element Fault
RPL064	363	'5312915_/_5312912'		3.33	3.33	3.33	0.736	0.5	3.33	1.76 No	0.5	Element Fault
RPL064	364	'43687525_/_5313612'		3.33	3.33	3.33	0.736	0.5	3.33	1.76 No	0.5	Element Fault
RPL064	365	'51033137_/_6185540_1'		3.33	3.33	3.33	0.736	0.5	3.33	1.76 No	0.5	Element Fault
RPL064	366	'6232911_/_7106671'		10	10	10	2.208	10	10	5.28 No	2.208	Thermal Discharging
RPL064	367	'6185556_/_6185540_2'		3.33	3.33	3.33	0.736	0.5	3.33	1.76 No	0.5	Element Fault
RPL064	368	'43687369_/_43687371'		10	10	10	2.208	1.6	10	5.28 No	1.6	Element Fault
RPL064	369	'6201067_/_6201077_1'		3.33	3.33	3.33	0.736	0.5	3.33	1.76 No	0.5	Element Fault
RPL064	370	'6208692_/_6208690'		1.77	3.33	3.33	0.736	0.5	3.33	1.76 No	0.5	Element Fault
RPL064	371	'43687204_/_5312531'		3.33	3.33	3.33	0.736	0.5	3.33	1.76 No	0.5	Element Fault
RPL064	372	'5313045_/_5313042'		3.33	3.33	3.33	0.736	0.5	3.33	1.76 No	0.5	Element Fault
RPL064	373	'7752077_/_247492074'		10	10	10	2.208	4.9	10	5.28 No	2.208	Thermal Discharging
RPL064	374	'6232331_/_6232908'		10	10	10	2.208	10	10	5.28 No	2.208	Thermal Discharging
RPL064	375	'5312520_/_5312518_1'		3.33	3.33	3.33	0.736	0.3	3.33	1.76 No	0.3	Element Fault
RPL064	376	'144506636_/_144506654_2'		10	10	10	2.208	0.9	10	5.28 No	0.9	Element Fault
RPL064	377	'6232874_/_6232891'		10	10	10	2.208	10	10	5.28 No	2.208	Thermal Discharging
RPL064	378	'43687970_/_43687972'		3.33	3.33	3.33	0.736	0.5	3.33	1.76 No	0.5	Element Fault
RPL064	379	'6208764_/_43869988'		3.33	3.33	3.33	0.736	0.5	3.33	1.76 No	0.5	Element Fault
RPL064	380	'6232332_/_6232342_1'		3.33	3.33	3.33	0.736	0.5	3.33	1.76 No	0.5	Element Fault
RPL064	381	'6185484_/_6201077_2'		3.33	3.33	3.33	0.736	0.5	3.33	1.76 No	0.5	Element Fault
RPL064	382	'43870023_/_6214000'		10	10	10	2.208	1.5	10	5.28 No	1.5	Element Fault
RPL064	383	'6231782_/_6232871'		10	10	10	2.208	10	10	5.28 No	2.208	Thermal Discharging
RPL064	384	'5313686_/_5313683_1'		3.33	3.33	3.33	0.736	0.5	3.33	1.76 No	0.5	Element Fault
RPL064	385	'6209333_/_43870993'		3.33	3.33	3.33	0.736	0.5	3.33	1.76 No	0.5	Element Fault
RPL064	386	'43871026_/_6213201'		7.2	10	10	2.208	3.4	10	5.28 No	2.208	Thermal Discharging
RPL064	387	'5313576_/_5313641'		3.33	3.33	3.33	0.736	0.5	3.33	1.76 No	0.5	Element Fault
RPL064	388	'69936383_/_69936390_2'		10	10	10	2.208	1.6	10	5.28 No	1.6	Element Fault
RPL064	389	'43870929_/_6217169'		3.33	3.33	3.33	0.736	1.1	3.33	1.76 No	0.736	Thermal Discharging
RPL064	390	'6208084_/_6208081'		3.33	3.33	3.33	0.736	1.1	3.33	1.76 No	0.736	Thermal Discharging
RPL064	391	'6231781_/_7106986_2'		3.33	3.33	3.33	0.736	1.5	3.33	1.76 No	0.736	Thermal Discharging
RPL064	392	'6208508_/_6208505'		1.73	3.33	3.33	0.736	0.5	3.33	1.76 No	0.5	Element Fault
RPL064	393	'6232840_/_6232854'		10	10	10	2.208	10	10	5.28 No	2.208	Thermal Discharging
RPL064	394	'7752058_/_7752055_1'		6.9	10	10	2.208	0.9	10	5.28 No	0.9	Element Fault
RPL064	395	'6208162_/_6208159'		3.33	3.33	3.33	0.736	0.3	3.33	1.76 No	0.3	Element Fault
RPL064	396	'379870067_/_6208094_1'		3.33	3.33	3.33	0.736	0.3	3.33	1.76 No	0.3	Element Fault
RPL064	397	'5316297_/_5316308'		3.33	3.33	3.33	0.736	0.5	3.33	1.76 No	0.5	Element Fault
RPL064	398	'6209616_/_6215780_2'		3.33	3.33	3.33	0.736	0.5	3.33	1.76 No	0.5	Element Fault
RPL064	399	'154937348_/_6208908_2'		10	10	10	2.208	3	10	5.28 No	2.208	Thermal Discharging
RPL064	400	'6232839_/_6232837'		10	10	10	2.208	10	10	5.28 No	2.208	Thermal Discharging
RPL064	401	'5315905_/_5315902'		3.33	3.33	3.33	0.736	0.5	3.33	1.76 No	0.5	Element Fault
RPL064	402	'43687336_/_5312954'		3.33	3.33	3.33	0.736	0.5	3.33	1.76 No	0.5	Element Fault
RPL064	403	'6216784_/_6216794_1'		1.67	3.33	3.33	0.736	0.3	3.33	1.76 No	0.3	Element Fault
RPL064	404	'5321528_/_5321526'		3.33	3.33	3.33	0.736	0.5	3.33	1.76 No	0.5	Element Fault
RPL064	405	'154937433_/_154937388_1'		10	10	10	2.208	1.5	10	5.28 No	1.5	Element Fault
RPL064	406	'43869859_/_43869856'		3.33	3.33	3.33	0.736	1.1	3.33	1.76 No	0.736	Thermal Discharging
RPL064	407	'43875206_/_43875208'		10	10	10	2.208	10	10	5.28 No	2.208	Thermal Discharging
RPL064	408	'6208576_/_6208573'		1.63	3.33	3.33	0.736	0.5	3.33	1.76 No	0.5	Element Fault
RPL064	409	'6208097_/_6208094_2'		3.33	3.33	3.33	0.736	0.3	3.33	1.76 No	0.3	Element Fault
RPL064	410	'43687404_/_43687406'		3.33	3.33	3.33	0.736	0.5	3.33	1.76 No	0.5	Element Fault
RPL064	411	'154937370_/_154937388_2'		10	10	10	2.208	1.5	10	5.28 No	1.5	Element Fault
RPL064	412	'6209415_/_6209412'		1.6	3.33	3.33	0.736	0.5	3.33	1.76 No	0.5	Element Fault
RPL064	413	'6232345_/_6232342_2'		3.33	3.33	3.33	0.736	0.5	3.33	1.76 No	0.5	Element Fault
RPL064	414	'5313631_/_5313628'		3.33	3.33	3.33	0.736	0.5	3.33	1.76 No	0.5	Element Fault
RPL064	415	'5312465_/_5312492'		3.33	3.33	3.33	0.736	0.5	3.33	1.76 No	0.5	Element Fault
RPL064	416	'43687981_/_43687983'		3.33	3.33	3.33	0.736	0.5	3.33	1.76 No	0.5	Element Fault
RPL064	417	'370120931_/_367729457'		7.2	10	10	2.208	2.3	10	5.28 No	2.208	Thermal Discharging
RPL064	418	'5315511_/_5315508'		3.33	3.33	3.33	0.736	0.5	3.33	1.76 No	0.5	Element Fault
RPL064	419	'5313575_/_5313573'		3.33	3.33	3.33	0.736	0.5	3.33	1.76 No	0.5	Element Fault
RPL064	420	'7094991_/_7094988'		3.33	3.33	3.33	0.736	0.5	3.33	1.76 No	0.5	Element Fault
RPL064	421	'5312508_/_5312560_1'		3.33	3.33	3.33	0.736	0.3	3.33	1.76 No	0.3	Element Fault
RPL064	422	'6185569_/_6185566'		3.33	3.33	3.33	0.736	0.5	3.33	1.76 No	0.5	Element Fault
RPL064	423	'6208930_/_154937352'		10	10	10	2.208	3	10	5.28 No	2.208	Thermal Discharging
RPL064	424	'5316326_/_5316324'		3.33	3.33	3.33	0.736	0.5	3.33	1.76 No	0.5	Element Fault
RPL064	425	'6210089_/_6210086'		3.33	3.33	3.33	0.736	0.5	3.33	1.76 No	0.5	Element Fault
RPL064	426	'6210579_/_7095004'		10	10	10	2.208	1.6	10	5.28 No	1.6	Element Fault
RPL064	427	'6185485_/_6185482'		3.33	3.33	3.33	0.736	0.5	3.33	1.76 No	0.5	Element Fault
RPL064	428	'54143736_/_5312967'		3.33	3.33	3.33	0.736	0.5	3.33	1.76 No	0.5	Element Fault
RPL064	429	'43687215_/_5312518_2'		3.33	3.33	3.33	0.736	0.3	3.33	1.76 No	0.3	Element Fault
RPL064	430	'6232358_/_6232355'		3.33	3.33	3.33	0.736	0.5	3.33	1.76 No	0.5	Element Fault
RPL064	431	'6216505_/_7106986_1'		3.33	3.33	3.33	0.736	0.5	3.33	1.76 No	0.5	Element Fault
RPL064	432	'6208653_/_6216794_2'		1.53	3.33	3.33	0.736	0.3	3.33	1.76 No	0.3	Element Fault
RPL064	433	'43687358_/_5315915'		3.33	3.33	3.33	0.736	0.5	3.33	1.76 No	0.5	Element Fault
RPL064	434	'5316298_/_5316295'		3.33	3.33	3.33	0.736	0.5	3.33	1.76 No	0.5	Element Fault
RPL064	435	'6209617_/_6209614'		3.33	3.33	3.33	0.736	0.5	3.33	1.76 No	0.5	Element Fault
RPL064	436	'6208521_/_6208518_1'		1.5	3.33	3.33	0.736	0.3	3.33	1.76 No	0.3	Element Fault
RPL064	437	'6210562_/_6210576'		8.5	10	10	2.208	1.6	10	5.28 No	1.6	Element Fault
RPL064	438	'43869821_/_6208107'		3.33	3.33	3.33	0.736	0.3	3.33	1.76 No	0.3	Element Fault
RPL064	439	'5312970_/_5313560_3'		3.33	3.33	3.33	0.736	0.5	3.33	1.76 No	0.5	Element Fault
RPL064	440	'625512935_/_625512939_1'		5.5	10	10	2.208	2.3	10	5.28 No	2.208	Thermal Discharging
RPL064	441	'6213187_/_6213184'		5.6	10	10	2.208	3.4	10	5.28 No	2.208	Thermal Discharging
RPL064	442	'43869865_/_6208201'		3.33	3.33	3.33	0.736	0.3	3.33	1.76 No	0.3	Element Fault

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RPL064	443	'43870137_/_6209047'	3.33	3.33	3.33	0.736	1	3.33	1.76 No	0.736	Thermal Discharging
RPL064	444	'5321515_/_5321539'	3.33	3.33	3.33	0.736	0.5	3.33	1.76 No	0.5	Element Fault
RPL064	445	'54143751_/_5313560_2'	3.33	3.33	3.33	0.736	0.5	3.33	1.76 No	0.5	Element Fault
RPL064	446	'6208780_/_43870025'	6.6	10	10	2.208	1.5	10	5.28 No	1.5	Element Fault
RPL064	447	'7819757_/_9713376_1'	5.6	10	10	2.208	2.4	10	5.28 No	2.208	Thermal Discharging
RPL064	448	'6216518_/_6216515_1'	3.33	3.33	3.33	0.736	0.3	3.33	1.76 No	0.3	Element Fault
RPL064	449	'7095040_/_7095037'	3.33	3.33	3.33	0.736	0.5	3.33	1.76 No	0.5	Element Fault
RPL064	450	'6216531_/_6216515_2'	3.33	3.33	3.33	0.736	0.3	3.33	1.76 No	0.3	Element Fault
RPL064	451	'6209050_/_6209213_1'	3.33	3.33	3.33	0.736	0.3	3.33	1.76 No	0.3	Element Fault
RPL064	452	'6208366_/_6208518_2'	1.47	3.33	3.33	0.736	0.3	3.33	1.76 No	0.3	Element Fault
RPL064	453	'5312985_/_5312983'	2.93	3.33	3.33	0.736	0.5	3.33	1.76 No	0.5	Element Fault
RPL064	454	'43871386_/_6216515_3'	3.33	3.33	3.33	0.736	0.3	3.33	1.76 No	0.3	Element Fault
RPL064	455	'6208931_/_6208928'	8.9	10	10	2.208	3	10	5.28 No	2.208	Thermal Discharging
RPL064	456	'435442762_/_6209099'	8.9	10	10	2.208	3	10	5.28 No	2.208	Thermal Discharging
RPL064	457	'9713379_/_9713376_2'	5.6	10	10	2.208	2.4	10	5.28 No	2.208	Thermal Discharging
RPL064	458	'435442918_/_435442833_1'	8.9	10	10	2.208	0.9	10	5.28 No	0.9	Element Fault
RPL064	459	'5312287_/_5312463'	3.33	3.33	3.33	0.736	0.5	3.33	1.76 No	0.5	Element Fault
RPL064	460	'5316395_/_5316392'	3.33	3.33	3.33	0.736	0.5	3.33	1.76 No	0.5	Element Fault
RPL064	461	'43687741_/_5315521'	2.83	3.33	3.33	0.736	0.5	3.33	1.76 No	0.5	Element Fault
RPL064	462	'5312385_/_5312395_1'	3.33	3.33	3.33	0.736	0.3	3.33	1.76 No	0.3	Element Fault
RPL064	463	'6214083_/_7095167'	3.33	3.33	3.33	0.736	0.5	3.33	1.76 No	0.5	Element Fault
RPL064	464	'435442814_/_435442833_2'	8.1	10	10	2.208	0.9	10	5.28 No	0.9	Element Fault
RPL064	465	'43870126_/_435442772'	8	10	10	2.208	3	10	5.28 No	2.208	Thermal Discharging
RPL064	466	'6209630_/_6209627'	3.33	3.33	3.33	0.736	0.5	3.33	1.76 No	0.5	Element Fault
RPL064	467	'6210316_/_6216502'	3.33	3.33	3.33	0.736	0.5	3.33	1.76 No	0.5	Element Fault
RPL064	468	'43687237_/_5312560_2'	3.1	3.33	3.33	0.736	0.3	3.33	1.76 No	0.3	Element Fault
RPL064	469	'6210102_/_6210099'	3.33	3.33	3.33	0.736	0.5	3.33	1.76 No	0.5	Element Fault
RPL064	470	'6232374_/_6232371'	3.33	3.33	3.33	0.736	0.5	3.33	1.76 No	0.5	Element Fault
RPL064	471	'625513023_/_625513055'	5	10	10	2.208	2.3	10	5.28 No	2.208	Thermal Discharging
RPL064	472	'5313181_/_5313178'	2.57	3.33	3.33	0.736	0.5	3.33	1.76 No	0.5	Element Fault
RPL064	473	'43687752_/_43687754'	3.33	3.33	3.33	0.736	0.5	3.33	1.76 No	0.5	Element Fault
RPL064	474	'6210561_/_6210559'	6.7	10	10	2.208	1.6	10	5.28 No	1.6	Element Fault
RPL064	475	'43687182_/_5312285'	3	3.33	3.33	0.736	0.5	3.33	1.76 No	0.5	Element Fault
RPL064	476	'44871878_/_5313110'	2.63	3.33	3.33	0.736	0.5	3.33	1.76 No	0.5	Element Fault
RPL064	477	'6216576_/_6216573'	3.33	3.33	3.33	0.736	0.3	3.33	1.76 No	0.3	Element Fault
RPL064	478	'43869931_/_6208651'	1.37	3.33	3.33	0.736	0.3	3.33	1.76 No	0.3	Element Fault
RPL064	479	'43689946_/_5321513'	3.33	3.33	3.33	0.736	0.5	3.33	1.76 No	0.5	Element Fault
RPL064	480	'6185582_/_6185579'	3.33	3.33	3.33	0.736	0.5	3.33	1.76 No	0.5	Element Fault
RPL064	481	'6208233_/_6208363'	1.33	3.33	3.33	0.736	0.3	3.33	1.76 No	0.3	Element Fault
RPL064	482	'43870148_/_6209213_2'	2.67	3.33	3.33	0.736	0.3	3.33	1.76 No	0.3	Element Fault
RPL064	483	'5314233_/_43687217'	2.67	3.33	3.33	0.736	0.3	3.33	1.76 No	0.3	Element Fault
RPL064	484	'5312301_/_5312311_1'	2.73	3.33	3.33	0.736	0.3	3.33	1.76 No	0.3	Element Fault
RPL064	485	'6208797_/_6208794'	5.6	10	10	2.208	1.5	10	5.28 No	1.5	Element Fault
RPL064	486	'43870695_/_7095021'	2.37	3.33	3.33	0.736	0.5	3.33	1.76 No	0.5	Element Fault
RPL064	487	'6208123_/_6208120'	3.33	3.33	3.33	0.736	0.3	3.33	1.76 No	0.3	Element Fault
RPL064	488	'43865159_/_6185495'	3.33	3.33	3.33	0.736	0.5	3.33	1.76 No	0.5	Element Fault
RPL064	489	'6210435_/_6216586'	3.33	3.33	3.33	0.736	0.3	3.33	1.76 No	0.3	Element Fault
RPL064	490	'5312627_/_43870212'	4.7	10	10	2.208	3.4	10	5.28 No	2.208	Thermal Discharging
RPL064	491	'651855413_/_625513071'	4.7	10	10	2.208	2.3	10	5.28 No	2.208	Thermal Discharging
RPL064	492	'6216559_/_6216557'	3.33	3.33	3.33	0.736	0.3	3.33	1.76 No	0.3	Element Fault
RPL064	493	'5312579_/_43687239'	2.53	3.33	3.33	0.736	0.3	3.33	1.76 No	0.3	Element Fault
RPL064	494	'44692511_/_6209549'	3.33	3.33	3.33	0.736	0.3	3.33	1.76 No	0.3	Element Fault
RPL064	495	'6185498_/_6185511_1'	3.33	3.33	3.33	0.736	0.5	3.33	1.76 No	0.5	Element Fault
RPL064	496	'5313057_/_5315534'	2.23	3.33	3.33	0.736	0.5	3.33	1.76 No	0.5	Element Fault
RPL064	497	'5316411_/_5316408'	3.33	3.33	3.33	0.736	0.5	3.33	1.76 No	0.5	Element Fault
RPL064	498	'625512970_/_651855450'	4.6	10	10	2.208	2.3	10	5.28 No	2.208	Thermal Discharging
RPL064	499	'6209115_/_43870128'	6.7	10	10	2.208	3	10	5.28 No	2.208	Thermal Discharging
RPL064	500	'6208379_/_6208376'	1.27	3.33	3.33	0.736	0.3	3.33	1.76 No	0.3	Element Fault
RPL064	501	'43870616_/_43870618'	3.33	3.33	3.33	0.736	0.5	3.33	1.76 No	0.5	Element Fault
RPL064	502	'6214054_/_6214051'	3.33	3.33	3.33	0.736	0.5	3.33	1.76 No	0.5	Element Fault
RPL064	503	'43871238_/_43871240'	3.33	3.33	3.33	0.736	0.5	3.33	1.76 No	0.5	Element Fault
RPL064	504	'5312398_/_5312395_2'	2.4	3.33	3.33	0.736	0.3	3.33	1.76 No	0.3	Element Fault
RPL064	505	'5312314_/_5312311_2'	2.33	3.33	3.33	0.736	0.3	3.33	1.76 No	0.3	Element Fault
RPL064	506	'43687437_/_5313194'	2.03	3.33	3.33	0.736	0.5	3.33	1.76 No	0.5	Element Fault
RPL064	507	'5321516_/_43689948'	3.33	3.33	3.33	0.736	0.5	3.33	1.76 No	0.5	Element Fault
RPL064	508	'6208654_/_43869933'	1.23	3.33	3.33	0.736	0.3	3.33	1.76 No	0.3	Element Fault
RPL064	509	'6208232_/_6208230'	1.23	3.33	3.33	0.736	0.3	3.33	1.76 No	0.3	Element Fault
RPL064	510	'43870310_/_6209640'	3.27	3.33	3.33	0.736	0.5	3.33	1.76 No	0.5	Element Fault
RPL064	511	'6210436_/_6210433'	3.33	3.33	3.33	0.736	0.3	3.33	1.76 No	0.3	Element Fault
RPL064	512	'5315549_/_5315547'	2.77	3.33	3.33	0.736	0.5	3.33	1.76 No	0.5	Element Fault
RPL064	513	'6216602_/_6216599'	3.33	3.33	3.33	0.736	0.3	3.33	1.76 No	0.3	Element Fault
RPL064	514	'5313307_/_5313317'	1.9	3.33	3.33	0.736	0.3	3.33	1.76 No	0.3	Element Fault
RPL064	515	'6185514_/_6185511_2'	3.33	3.33	3.33	0.736	0.5	3.33	1.76 No	0.5	Element Fault
RPL064	516	'6209503_/_7094975'	2.2	3.33	3.33	0.736	0.3	3.33	1.76 No	0.3	Element Fault
RPL064	517	'64731090_/_6213168'	2.2	3.33	3.33	0.736	0.3	3.33	1.76 No	0.3	Element Fault
RPL064	518	'5313332_/_5313560_1'	1.87	3.33	3.33	0.736	0.3	3.33	1.76 No	0.3	Element Fault
RPL064	519	'43687226_/_5314231'	2.13	3.33	3.33	0.736	0.3	3.33	1.76 No	0.3	Element Fault
RPL064	520	'5316424_/_43687994'	2.67	3.33	3.33	0.736	0.5	3.33	1.76 No	0.5	Element Fault
RPL064	521	'43869876_/_6208146'	3.33	3.33	3.33	0.736	0.3	3.33	1.76 No	0.3	Element Fault
RPL064	522	'7095024_/_43870697'	1.9	3.33	3.33	0.736	0.5	3.33	1.76 No	0.5	Element Fault
RPL064	523	'44889067_/_6214064'	2.67	3.33	3.33	0.736	0.5	3.33	1.76 No	0.5	Element Fault
RPL064	524	'5313058_/_5313055'	1.9	3.33	3.33	0.736	0.5	3.33	1.76 No	0.5	Element Fault
RPL064	525	'5312591_/_5312625'	4.2	10	10	2.208	3.4	10	5.28 No	2.208	Thermal Discharging
RPL064	526	'6210290_/_6210300'	3.33	3.33	3.33	0.736	0.5	3.33	1.76 No	0.5	Element Fault
RPL064	527	'6208246_/_6208243'	1.2	3.33	3.33	0.736	0.3	3.33	1.76 No	0.3	Element Fault
RPL064	528	'5312411_/_5312408'	2.07	3.33	3.33	0.736	0.3	3.33	1.76 No	0.3	Element Fault
RPL064	529	'43870247_/_6209501'	2	3.33	3.33	0.736	0.3	3.33	1.76 No	0.3	Element Fault
RPL064	530	'5312424_/_5312421'	2	3.33	3.33	0.736	0.3	3.33	1.76 No	0.3	Element Fault
RPL064	531	'6209128_/_6209125'	5.6	10	10	2.208	3	10	5.28 No	2.208	Thermal Discharging
RPL064	532	'43865148_/_6185527'	2.67	3.33	3.33	0.736	0.5	3.33	1.76 No	0.5	Element Fault
RPL064	533	'43687171_/_5314176'	1.93	3.33	3.33	0.736	0.3	3.33	1.76 No	0.3	Element Fault
RPL064	534	'63212080_/_6209138_1'	1.87	3.33	3.33	0.736	0.3	3.33	1.76 No	0.3	Element Fault
RPL064	535	'6209232_/_6209229'	1.87	3.33	3.33	0.736	1	3.33	1.76 No	0.736	Thermal Discharging
RPL064	536	'6209656_/_6209653'	2.5	3.33	3.33	0.736	0.5	3.33	1.76 No	0.5	Element Fault

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RPL064	537	'55023364_/55023412_1'	2.57	3.33	3.33	0.736	0.5	3.33	1.76 No	0.5	Element Fault
RPL064	538	'6209475_/6209472'	1.9	3.33	3.33	0.736	0.3	3.33	1.76 No	0.3	Element Fault
RPL064	539	'6209141_/6209138_2'	1.87	3.33	3.33	0.736	0.3	3.33	1.76 No	0.3	Element Fault
RPL064	540	'63212186_/63212101'	5.4	10	10	2.208	3	10	5.28 No	2.208	Thermal Discharging
RPL064	541	'6210007_/6210287'	3.33	3.33	3.33	0.736	0.5	3.33	1.76 No	0.5	Element Fault
RPL064	542	'43687696_/43687439'	1.67	3.33	3.33	0.736	0.5	3.33	1.76 No	0.5	Element Fault
RPL064	543	'5313375_/5313372'	1.67	3.33	3.33	0.736	0.5	3.33	1.76 No	0.5	Element Fault
RPL064	544	'43869898_/6210750'	1.1	3.33	3.33	0.736	0.3	3.33	1.76 No	0.3	Element Fault
RPL064	545	'6210329_/6210339_1'	3.33	3.33	3.33	0.736	0.3	3.33	1.76 No	0.3	Element Fault
RPL064	546	'43869887_/6208334'	1.07	3.33	3.33	0.736	0.3	3.33	1.76 No	0.3	Element Fault
RPL064	547	'44986368_/6209533'	2.07	3.33	3.33	0.736	0.3	3.33	1.76 No	0.3	Element Fault
RPL064	548	'5312592_/5312589'	3.7	10	10	2.208	3.4	10	5.28 No	2.208	Thermal Discharging
RPL064	549	'8654560_/8654558_1'	3.7	10	10	2.208	2.3	10	5.28 No	2.208	Thermal Discharging
RPL064	550	'154617105_/154617102'	1.8	3.33	3.33	0.736	0.3	3.33	1.76 No	0.3	Element Fault
RPL064	551	'6209520_/6209517'	1.77	3.33	3.33	0.736	0.3	3.33	1.76 No	0.3	Element Fault
RPL064	552	'6210342_/6210339_2'	2.77	3.33	3.33	0.736	0.3	3.33	1.76 No	0.3	Element Fault
RPL064	553	'5312437_/5312434'	1.77	3.33	3.33	0.736	0.3	3.33	1.76 No	0.3	Element Fault
RPL064	554	'43870102_/63212163'	5	10	10	2.208	3	10	5.28 No	2.208	Thermal Discharging
RPL064	555	'6210008_/6210005'	2.5	3.33	3.33	0.736	0.5	3.33	1.76 No	0.5	Element Fault
RPL064	556	'43870115_/6209151'	1.73	3.33	3.33	0.736	0.3	3.33	1.76 No	0.3	Element Fault
RPL064	557	'5313401_/5313385'	1.53	3.33	3.33	0.736	0.5	3.33	1.76 No	0.5	Element Fault
RPL064	558	'6210355_/6210352_1'	2.43	3.33	3.33	0.736	0.3	3.33	1.76 No	0.3	Element Fault
RPL064	559	'5313126_/5313330'	1.43	3.33	3.33	0.736	0.3	3.33	1.76 No	0.3	Element Fault
RPL064	560	'6209669_/6209666'	2.17	3.33	3.33	0.736	0.5	3.33	1.76 No	0.5	Element Fault
RPL064	561	'5312329_/5314163'	1.7	3.33	3.33	0.736	0.3	3.33	1.76 No	0.3	Element Fault
RPL064	562	'7438850_/55023412_2'	2.03	3.33	3.33	0.736	0.5	3.33	1.76 No	0.5	Element Fault
RPL064	563	'43870605_/6210352_2'	2.4	3.33	3.33	0.736	0.3	3.33	1.76 No	0.3	Element Fault
RPL064	564	'5313427_/5313437_1'	1.5	3.33	3.33	0.736	0.3	3.33	1.76 No	0.3	Element Fault
RPL064	565	'6208258_/6210737'	1.03	3.33	3.33	0.736	0.3	3.33	1.76 No	0.3	Element Fault
RPL064	566	'43687262_/43687250'	3.6	10	10	2.208	3.4	10	5.28 No	2.208	Thermal Discharging
RPL064	567	'5312687_/8346635_2'	3.6	10	10	2.208	3.4	10	5.28 No	2.208	Thermal Discharging
RPL064	568	'7094928_/7094925'	1.63	3.33	3.33	0.736	0.3	3.33	1.76 No	0.3	Element Fault
RPL064	569	'154617120_/154617117'	1.67	3.33	3.33	0.736	0.3	3.33	1.76 No	0.3	Element Fault
RPL064	570	'5313291_/5313304'	1.4	3.33	3.33	0.736	0.3	3.33	1.76 No	0.3	Element Fault
RPL064	571	'6209033_/6209425'	4.8	10	10	2.208	3	10	5.28 No	2.208	Thermal Discharging
RPL064	572	'5313440_/5313437_2'	1.43	3.33	3.33	0.736	0.3	3.33	1.76 No	0.3	Element Fault
RPL064	573	'475110933_/475110856_1'	4.8	10	10	2.208	1.5	10	5.28 No	1.5	Element Fault
RPL064	574	'5315381_/43687698'	1.43	3.33	3.33	0.736	0.5	3.33	1.76 No	0.5	Element Fault
RPL064	575	'578820389_/578820387'	1.37	3.33	3.33	0.736	0.3	3.33	1.76 No	0.3	Element Fault
RPL064	576	'6210612_/6210609'	2.03	3.33	3.33	0.736	0.5	3.33	1.76 No	0.5	Element Fault
RPL064	577	'652337402_/8654558_2'	3.3	10	10	2.208	2.3	10	5.28 No	2.208	Thermal Discharging
RPL064	578	'6210368_/43870607'	2.13	3.33	3.33	0.736	0.3	3.33	1.76 No	0.3	Element Fault
RPL064	579	'652337384_/652337470'	3.3	10	10	2.208	2.3	10	5.28 No	2.208	Thermal Discharging
RPL064	580	'652337437_/652337486'	3.3	10	10	2.208	2.3	10	5.28 No	2.208	Thermal Discharging
RPL064	581	'6208259_/6208256'	0.97	3.33	3.33	0.736	0.3	3.33	1.76 No	0.3	Element Fault
RPL064	582	'6209170_/6209167'	1.6	3.33	3.33	0.736	0.3	3.33	1.76 No	0.3	Element Fault
RPL064	583	'43869810_/43869889'	0.97	3.33	3.33	0.736	0.3	3.33	1.76 No	0.3	Element Fault
RPL064	584	'43687492_/5313398'	1.4	3.33	3.33	0.736	0.5	3.33	1.76 No	0.5	Element Fault
RPL064	585	'43687193_/5312450'	1.57	3.33	3.33	0.736	0.3	3.33	1.76 No	0.3	Element Fault
RPL064	586	'5313139_/5313136'	1.33	3.33	3.33	0.736	0.3	3.33	1.76 No	0.3	Element Fault
RPL064	587	'43870421_/6210018'	2.03	3.33	3.33	0.736	0.5	3.33	1.76 No	0.5	Element Fault
RPL064	588	'6210021_/6210031_1'	2	3.33	3.33	0.736	0.3	3.33	1.76 No	0.3	Element Fault
RPL064	589	'43870321_/6210622'	1.9	3.33	3.33	0.736	0.5	3.33	1.76 No	0.5	Element Fault
RPL064	590	'63212031_/6209030'	4.4	10	10	2.208	3	10	5.28 No	2.208	Thermal Discharging
RPL064	591	'43687160_/5312327'	1.5	3.33	3.33	0.736	0.3	3.33	1.76 No	0.3	Element Fault
RPL064	592	'5313453_/5313450'	1.3	3.33	3.33	0.736	0.3	3.33	1.76 No	0.3	Element Fault
RPL064	593	'6210381_/6210378'	1.93	3.33	3.33	0.736	0.3	3.33	1.76 No	0.3	Element Fault
RPL064	594	'6209183_/6209180'	1.5	3.33	3.33	0.736	0.3	3.33	1.76 No	0.3	Element Fault
RPL064	595	'350268183_/625512974_1'	3.1	10	10	2.208	2.3	10	5.28 No	2.208	Thermal Discharging
RPL064	596	'43869909_/6208321'	0.93	3.33	3.33	0.736	0.3	3.33	1.76 No	0.3	Element Fault
RPL064	597	'63212000_/63212028'	4.3	10	10	2.208	3	10	5.28 No	2.208	Thermal Discharging
RPL064	598	'67433179_/67433157_1'	4.3	10	10	2.208	2.1	10	5.28 No	2.1	Element Fault
RPL064	599	'6210034_/6210031_2'	1.87	3.33	3.33	0.736	0.3	3.33	1.76 No	0.3	Element Fault
RPL064	600	'7439141_/475110856_2'	4.2	10	10	2.208	1.5	10	5.28 No	1.5	Element Fault
RPL064	601	'5312167_/5312340'	1.43	3.33	3.33	0.736	0.3	3.33	1.76 No	0.3	Element Fault
RPL064	602	'43687415_/5313152'	1.2	3.33	3.33	0.736	0.3	3.33	1.76 No	0.3	Element Fault
RPL064	603	'6210638_/43870323'	1.8	3.33	3.33	0.736	0.5	3.33	1.76 No	0.5	Element Fault
RPL064	604	'8346637_/8346635_1'	3.1	10	10	2.208	2.3	10	5.28 No	2.208	Thermal Discharging
RPL064	605	'7438851_/55023433'	1.57	3.33	3.33	0.736	0.5	3.33	1.76 No	0.5	Element Fault
RPL064	606	'5313278_/5313288'	1.2	3.33	3.33	0.736	0.3	3.33	1.76 No	0.3	Element Fault
RPL064	607	'5312453_/43687195'	1.4	3.33	3.33	0.736	0.3	3.33	1.76 No	0.3	Element Fault
RPL064	608	'5313466_/5313463'	1.23	3.33	3.33	0.736	0.3	3.33	1.76 No	0.3	Element Fault
RPL064	609	'6208337_/43869812'	0.87	3.33	3.33	0.736	0.3	3.33	1.76 No	0.3	Element Fault
RPL064	610	'43870594_/6210391'	1.73	3.33	3.33	0.736	0.3	3.33	1.76 No	0.3	Element Fault
RPL064	611	'5312355_/5312366'	1.37	3.33	3.33	0.736	0.3	3.33	1.76 No	0.3	Element Fault
RPL064	612	'43870432_/6210047'	1.7	3.33	3.33	0.736	0.3	3.33	1.76 No	0.3	Element Fault
RPL064	613	'6208272_/6208269'	0.87	3.33	3.33	0.736	0.3	3.33	1.76 No	0.3	Element Fault
RPL064	614	'5312168_/5312165'	1.33	3.33	3.33	0.736	0.3	3.33	1.76 No	0.3	Element Fault
RPL064	615	'43870332_/6210648'	1.67	3.33	3.33	0.736	0.5	3.33	1.76 No	0.5	Element Fault
RPL064	616	'6210407_/6210404'	1.63	3.33	3.33	0.736	0.3	3.33	1.76 No	0.3	Element Fault
RPL064	617	'43687481_/5313476'	1.17	3.33	3.33	0.736	0.3	3.33	1.76 No	0.3	Element Fault
RPL064	618	'5313168_/5313165'	1.1	3.33	3.33	0.736	0.3	3.33	1.76 No	0.3	Element Fault
RPL064	619	'5312181_/5312178'	1.3	3.33	3.33	0.736	0.3	3.33	1.76 No	0.3	Element Fault
RPL064	620	'67433150_/67433157_2'	3.8	10	10	2.208	2.1	10	5.28 No	2.1	Element Fault
RPL064	621	'5312356_/5312353'	1.27	3.33	3.33	0.736	0.3	3.33	1.76 No	0.3	Element Fault
RPL064	622	'43869920_/6208350'	0.8	3.33	3.33	0.736	0.3	3.33	1.76 No	0.3	Element Fault
RPL064	623	'43870344_/43870334'	1.6	3.33	3.33	0.736	0.5	3.33	1.76 No	0.5	Element Fault
RPL064	624	'6210063_/6210060'	1.53	3.33	3.33	0.736	0.3	3.33	1.76 No	0.3	Element Fault
RPL064	625	'5312193_/5312547'	1.23	3.33	3.33	0.736	0.3	3.33	1.76 No	0.3	Element Fault
RPL064	626	'6210420_/6210417'	1.5	3.33	3.33	0.736	0.3	3.33	1.76 No	0.3	Element Fault
RPL064	627	'5313492_/5313489'	1.07	3.33	3.33	0.736	0.3	3.33	1.76 No	0.3	Element Fault
RPL064	628	'6208285_/6208282'	0.77	3.33	3.33	0.736	0.3	3.33	1.76 No	0.3	Element Fault
RPL064	629	'43687448_/43687450'	1	3.33	3.33	0.736	0.3	3.33	1.76 No	0.3	Element Fault
RPL064	630	'6209682_/6209679'	1.47	3.33	3.33	0.736	0.5	3.33	1.76 No	0.5	Element Fault

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RPL064	631	'6210076_/_6210073'	1.37	3.33	3.33	0.736	0.3	3.33	1.76 No	0.3	Element Fault
RPL064	632	'5312194_/_5312191'	1.13	3.33	3.33	0.736	0.3	3.33	1.76 No	0.3	Element Fault
RPL064	633	'5313249_/_5313259'	0.97	3.33	3.33	0.736	0.3	3.33	1.76 No	0.3	Element Fault
RPL064	634	'43870355_/_6209989'	1.43	3.33	3.33	0.736	0.5	3.33	1.76 No	0.5	Element Fault
RPL064	635	'5313346_/_5313356_1'	0.93	3.33	3.33	0.736	0.5	3.33	1.76 No	0.5	Element Fault
RPL064	636	'6208298_/_6208295'	0.73	3.23	3.33	0.736	0.3	3.33	1.76 No	0.3	Element Fault
RPL064	637	'5313505_/_5313502'	0.97	3.33	3.33	0.736	0.3	3.33	1.76 No	0.3	Element Fault
RPL064	638	'6209698_/_6209695'	1.4	3.33	3.33	0.736	0.5	3.33	1.76 No	0.5	Element Fault
RPL064	639	'5312210_/_5312207'	1.1	3.33	3.33	0.736	0.3	3.33	1.76 No	0.3	Element Fault
RPL064	640	'6209992_/_43870357'	1.37	3.33	3.33	0.736	0.5	3.33	1.76 No	0.5	Element Fault
RPL064	641	'5313236_/_5313246'	0.93	3.27	3.33	0.736	0.3	3.33	1.76 No	0.3	Element Fault
RPL064	642	'6209792_/_6209789'	1.33	3.33	3.33	0.736	0.5	3.33	1.76 No	0.5	Element Fault
RPL064	643	'6213578_/_6213575'	1.23	3.33	3.33	0.736	0.3	3.33	1.76 No	0.3	Element Fault
RPL064	644	'43871039_/_6208308'	0.7	3.03	3.33	0.736	0.3	3.33	1.76 No	0.3	Element Fault
RPL064	645	'5313521_/_43687472'	0.93	3.33	3.33	0.736	0.3	3.33	1.76 No	0.3	Element Fault
RPL064	646	'6209711_/_6209708'	1.33	3.3	3.33	0.736	0.5	3.33	1.76 No	0.5	Element Fault
RPL064	647	'5313223_/_5313233'	0.9	3.17	3.33	0.736	0.3	3.33	1.76 No	0.3	Element Fault
RPL064	648	'43687149_/_5312272'	1.03	3.2	3.33	0.736	0.3	3.33	1.76 No	0.3	Element Fault
RPL064	649	'5313210_/_5313220'	0.87	3.07	3.33	0.736	0.3	3.33	1.76 No	0.3	Element Fault
RPL064	650	'6209724_/_6209721'	1.27	3.13	3.33	0.736	0.5	3.33	1.76 No	0.5	Element Fault
RPL064	651	'43871044_/_43871041'	0.67	2.9	3.33	0.736	0.3	3.33	1.76 No	0.3	Element Fault
RPL064	652	'43870388_/_6209802'	1.27	3.1	3.33	0.736	0.5	3.33	1.76 No	0.5	Element Fault
RPL064	653	'43871127_/_6213591'	1.13	3.33	3.33	0.736	0.3	3.33	1.76 No	0.3	Element Fault
RPL064	654	'43687459_/_43687461'	0.83	2.93	3.33	0.736	0.3	3.33	1.76 No	0.3	Element Fault
RPL064	655	'5312223_/_5312220'	0.97	2.97	3.33	0.736	0.3	3.33	1.76 No	0.3	Element Fault
RPL064	656	'43871094_/_6213533'	1.2	2.93	3.33	0.736	0.5	3.33	1.76 No	0.5	Element Fault
RPL064	657	'6209818_/_6209815'	1.2	2.87	3.33	0.736	0.5	3.33	1.76 No	0.5	Element Fault
RPL064	658	'5313209_/_5313207'	0.8	2.83	3.33	0.736	0.3	3.33	1.76 No	0.3	Element Fault
RPL064	659	'6213401_/_43871096'	1.2	2.83	3.33	0.736	0.5	3.33	1.76 No	0.5	Element Fault
RPL064	660	'6213594_/_43871129'	1.07	3.33	3.33	0.736	0.3	3.33	1.76 No	0.3	Element Fault
RPL064	661	'5312236_/_5312233'	0.9	2.73	3.33	0.736	0.3	3.33	1.76 No	0.3	Element Fault
RPL064	662	'43870377_/_6209828'	1.13	2.67	3.33	0.736	0.5	3.33	1.76 No	0.5	Element Fault
RPL064	663	'6209736_/_6213399'	1.1	2.67	3.33	0.736	0.5	3.33	1.76 No	0.5	Element Fault
RPL064	664	'5312249_/_5312246'	0.87	2.57	3.33	0.736	0.3	3.33	1.76 No	0.3	Element Fault
RPL064	665	'6209844_/_6209841'	1.07	2.5	3.33	0.736	0.5	3.33	1.76 No	0.5	Element Fault
RPL064	666	'43870399_/_6209734'	1.07	2.5	3.33	0.736	0.5	3.33	1.76 No	0.5	Element Fault
RPL064	667	'6209737_/_6209747_1'	1.03	2.47	3.33	0.736	0.5	3.33	1.76 No	0.5	Element Fault
RPL064	668	'5312262_/_5312259'	0.8	2.43	3.33	0.736	0.3	3.33	1.76 No	0.3	Element Fault
RPL064	669	'43870366_/_6209854'	1	2.37	3.33	0.736	0.5	3.33	1.76 No	0.5	Element Fault
RPL064	670	'6209750_/_6209747_2'	1	2.33	3.33	0.736	0.5	3.33	1.76 No	0.5	Element Fault
RPL064	671	'6209763_/_6209760'	0.97	2.23	3.33	0.736	0.5	3.33	1.76 No	0.5	Element Fault
RPL064	672	'6209857_/_43870368'	0.93	2.23	3.33	0.736	0.5	3.33	1.76 No	0.5	Element Fault
RPL064	673	'43870410_/_6209776'	0.9	2.13	3.33	0.736	0.5	3.33	1.76 No	0.5	Element Fault
RPL064	674	'6209779_/_43870412'	0.87	2.03	3.33	0.736	0.5	3.33	1.76 No	0.5	Element Fault
RPL071	0	'RPL071_/_9018535'	10	10	10	2.152	10	10	5.79 No	2.152	Thermal Discharging
RPL071	1	'9018537_/_9018535'	10	10	10	2.152	10	10	5.79 No	2.152	Thermal Discharging
RPL071	2	'8069626_/_9018555'	10	10	10	2.152	10	10	5.79 No	2.152	Thermal Discharging
RPL071	3	'7752685_/_8069623'	10	10	10	2.152	10	10	5.79 No	2.152	Thermal Discharging
RPL071	4	'7752686_/_7752683_1'	10	10	10	2.152	10	10	5.79 No	2.152	Thermal Discharging
RPL071	5	'6216397_/_7752683_2'	10	10	10	2.152	10	10	5.79 No	2.152	Thermal Discharging
RPL071	6	'6216245_/_6216394'	10	10	10	2.152	10	10	5.79 No	2.152	Thermal Discharging
RPL071	7	'6216414_/_6216411'	10	10	10	2.152	10	10	5.79 No	2.152	Thermal Discharging
RPL071	8	'6216143_/_6216242'	10	10	10	2.152	10	10	5.79 No	2.152	Thermal Discharging
RPL071	9	'7439716_/_7439714_1'	10	10	10	2.152	1.5	10	5.79 No	1.5	Element Fault
RPL071	10	'51032470_/_6216156_2'	6.67	6.67	6.67	1.432	3.1	6.67	3.86 No	1.432	Thermal Discharging
RPL071	11	'8388611_/_9331582_1'	10	10	10	2.152	2.4	10	5.79 No	2.152	Thermal Discharging
RPL071	12	'6216126_/_6216225'	10	10	10	2.152	10	10	5.79 No	2.152	Thermal Discharging
RPL071	13	'43871361_/_6216428'	10	10	10	2.152	10	10	5.79 No	2.152	Thermal Discharging
RPL071	14	'6216194_/_6216208'	10	10	10	2.152	10	10	5.79 No	2.152	Thermal Discharging
RPL071	15	'6216158_/_6216156_1'	6.67	6.67	6.67	1.432	1	6.67	3.86 No	1	Element Fault
RPL071	16	'6216127_/_43871350_2'	10	10	10	2.152	4.7	10	5.79 No	2.152	Thermal Discharging
RPL071	17	'6212027_/_6216191'	10	10	10	2.152	10	10	5.79 No	2.152	Thermal Discharging
RPL071	18	'8698430_/_9331582_2'	10	10	10	2.152	2.4	10	5.79 No	2.152	Thermal Discharging
RPL071	19	'6212026_/_6212024'	10	10	10	2.152	10	10	5.79 No	2.152	Thermal Discharging
RPL071	20	'6212984_/_6212982'	10	10	10	2.152	10	10	5.79 No	2.152	Thermal Discharging
RPL071	21	'6215944_/_6215942'	10	10	10	2.152	10	10	5.79 No	2.152	Thermal Discharging
RPL071	22	'6215894_/_6215891_1'	10	10	10	2.152	1.5	10	5.79 No	1.5	Element Fault
RPL071	23	'6216889_/_6216887'	10	10	10	2.152	10	10	5.79 No	2.152	Thermal Discharging
RPL071	24	'6216261_/_43871350_1'	10	10	10	2.152	1.5	10	5.79 No	1.5	Element Fault
RPL071	25	'6211363_/_6215891_2'	10	10	10	2.152	1.5	10	5.79 No	1.5	Element Fault
RPL071	26	'7439756_/_7439754_1'	10	10	10	2.152	1.8	10	5.79 No	1.8	Element Fault
RPL071	27	'66705097_/_6216376'	6.67	6.67	6.67	1.432	1	6.67	3.86 No	1	Element Fault
RPL071	28	'67815680_/_6216836'	10	10	10	2.152	10	10	5.79 No	2.152	Thermal Discharging
RPL071	29	'67815688_/_6216870_2'	10	10	10	2.152	10	10	5.79 No	2.152	Thermal Discharging
RPL071	30	'6216019_/_6216870_1'	10	10	10	2.152	10	10	5.79 No	2.152	Thermal Discharging
RPL071	31	'6216018_/_6216016'	10	10	10	2.152	10	10	5.79 No	2.152	Thermal Discharging
RPL071	32	'6216035_/_6216053'	10	10	10	2.152	10	10	5.79 No	2.152	Thermal Discharging
RPL071	33	'7439717_/_7439714_2'	10	10	10	2.152	1.5	10	5.79 No	1.5	Element Fault
RPL071	34	'49934448_/_8388668_2'	10	10	10	2.152	5.3	10	5.79 No	2.152	Thermal Discharging
RPL071	35	'6215877_/_6216033'	10	10	10	2.152	10	10	5.79 No	2.152	Thermal Discharging
RPL071	36	'6215876_/_6215874'	10	10	10	2.152	4.7	10	5.79 No	2.152	Thermal Discharging
RPL071	37	'49934433_/_6215959_1'	10	10	10	2.152	1.5	10	5.79 No	1.5	Element Fault
RPL071	38	'6214286_/_6215999'	10	10	10	2.152	10	10	5.79 No	2.152	Thermal Discharging
RPL071	39	'43870732_/_6211361'	10	10	10	2.152	1.5	10	5.79 No	1.5	Element Fault
RPL071	40	'7439757_/_7439754_2'	10	10	10	2.152	1.8	10	5.79 No	1.8	Element Fault
RPL071	41	'60416582_/_6214284'	10	10	10	2.152	10	10	5.79 No	2.152	Thermal Discharging
RPL071	42	'118042436_/_118042344'	10	10	10	2.152	2.4	10	5.79 No	2.152	Thermal Discharging
RPL071	43	'118042487_/_118042505'	10	10	10	2.152	2.4	10	5.79 No	2.152	Thermal Discharging
RPL071	44	'6214354_/_6214681'	10	10	10	2.152	10	10	5.79 No	2.152	Thermal Discharging
RPL071	45	'118042473_/_118042532'	10	10	10	2.152	2.4	10	5.79 No	2.152	Thermal Discharging
RPL071	46	'43871310_/_6215959_2'	10	10	10	2.152	1.5	10	5.79 No	1.5	Element Fault
RPL071	47	'43870745_/_6211381'	10	10	10	2.152	1.5	10	5.79 No	1.5	Element Fault
RPL071	48	'6214355_/_6214352'	10	10	10	2.152	10	10	5.79 No	2.152	Thermal Discharging
RPL071	49	'43868894_/_6214369'	10	10	10	2.152	10	10	5.79 No	2.152	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RPL071	50	'6216363_/6216360'	3.33		3.33	3.33	0.72	0.5	3.33	1.93 No	0.5 Element Fault
RPL071	51	'8388671_/8388668_1'	10		10	10	2.152	1.5	10	5.79 No	1.5 Element Fault
RPL071	52	'6207233_/6214386'	10		10	10	2.152	10	10	5.79 No	2.152 Thermal Discharging
RPL071	53	'6201713_/43868338_2'	10		10	10	2.152	3.5	10	5.79 No	2.152 Thermal Discharging
RPL071	54	'6214338_/6214335'	10		10	10	2.152	10	10	5.79 No	2.152 Thermal Discharging
RPL071	55	'43870758_/6215925'	10		10	10	2.152	1.5	10	5.79 No	1.5 Element Fault
RPL071	56	'8698431_/8698428'	10		10	10	2.152	2.4	10	5.79 No	2.152 Thermal Discharging
RPL071	57	'43868907_/6214403'	10		10	10	2.152	10	10	5.79 No	2.152 Thermal Discharging
RPL071	58	'6214321_/43868909'	10		10	10	2.152	10	10	5.79 No	2.152 Thermal Discharging
RPL071	59	'6207213_/6214318'	10		10	10	2.152	10	10	5.79 No	2.152 Thermal Discharging
RPL071	60	'6201787_/6201784_2'	10		10	10	2.152	5	10	5.79 No	2.152 Thermal Discharging
RPL071	61	'43868336_/43868338_1'	10		10	10	2.152	1.5	10	5.79 No	1.5 Element Fault
RPL071	62	'43868920_/6214437'	10		10	10	2.152	10	10	5.79 No	2.152 Thermal Discharging
RPL071	63	'6217276_/6217273'	10		10	10	2.152	1.5	10	5.79 No	1.5 Element Fault
RPL071	64	'6217297_/6217294'	10		10	10	2.152	1.5	10	5.79 No	1.5 Element Fault
RPL071	65	'6214667_/6214701'	10		10	10	2.152	10	10	5.79 No	2.152 Thermal Discharging
RPL071	66	'7752861_/7752859_1'	10		10	10	2.152	0.9	10	5.79 No	0.9 Element Fault
RPL071	67	'6201786_/6201784_1'	10		10	10	2.152	2.7	10	5.79 No	2.152 Thermal Discharging
RPL071	68	'6214270_/6214664'	10		10	10	2.152	10	10	5.79 No	2.152 Thermal Discharging
RPL071	69	'8069645_/9331662'	10		10	10	2.152	2.4	10	5.79 No	2.152 Thermal Discharging
RPL071	70	'6214253_/6214267'	10		10	10	2.152	10	10	5.79 No	2.152 Thermal Discharging
RPL071	71	'6214236_/6214250'	10		10	10	2.152	10	10	5.79 No	2.152 Thermal Discharging
RPL071	72	'7752862_/7752859_2'	10		10	10	2.152	0.9	10	5.79 No	0.9 Element Fault
RPL071	73	'6201730_/6201727'	10		10	10	2.152	1.5	10	5.79 No	1.5 Element Fault
RPL071	74	'43871211_/6215979'	10		10	10	2.152	1.5	10	5.79 No	1.5 Element Fault
RPL071	75	'6214216_/6214233_2'	10		10	10	2.152	10	10	5.79 No	2.152 Thermal Discharging
RPL071	76	'43868375_/6214233_1'	10		10	10	2.152	10	10	5.79 No	2.152 Thermal Discharging
RPL071	77	'43868362_/6201801'	10		10	10	2.152	2.7	10	5.79 No	2.152 Thermal Discharging
RPL071	78	'6214215_/6214213'	10		10	10	2.152	10	10	5.79 No	2.152 Thermal Discharging
RPL071	79	'64934744_/6215223'	10		10	10	2.152	10	10	5.79 No	2.152 Thermal Discharging
RPL071	80	'6202013_/6217309'	10		10	10	2.152	1.5	10	5.79 No	1.5 Element Fault
RPL071	81	'6214738_/64935162'	10		10	10	2.152	10	10	5.79 No	2.152 Thermal Discharging
RPL071	82	'64934585_/64934561'	10		10	10	2.152	10	10	5.79 No	2.152 Thermal Discharging
RPL071	83	'6214755_/64935195'	10		10	10	2.152	10	10	5.79 No	2.152 Thermal Discharging
RPL071	84	'64935281_/64934587_1'	10		10	10	2.152	4.7	10	5.79 No	2.152 Thermal Discharging
RPL071	85	'6201821_/6201818'	10		10	10	2.152	2.7	10	5.79 No	2.152 Thermal Discharging
RPL071	86	'43869527_/6214735'	10		10	10	2.152	10	10	5.79 No	2.152 Thermal Discharging
RPL071	87	'6214775_/6214772'	10		10	10	2.152	10	10	5.79 No	2.152 Thermal Discharging
RPL071	88	'7438946_/7438944_1'	3.33		3.33	3.33	0.72	0.5	3.33	1.93 No	0.5 Element Fault
RPL071	89	'6207542_/6214718'	10		10	10	2.152	10	10	5.79 No	2.152 Thermal Discharging
RPL071	90	'6214792_/6214789'	10		10	10	2.152	10	10	5.79 No	2.152 Thermal Discharging
RPL071	91	'6207543_/6210714_2'	10		10	10	2.152	4.8	10	5.79 No	2.152 Thermal Discharging
RPL071	92	'43857342_/43857345'	10		10	10	2.152	10	10	5.79 No	2.152 Thermal Discharging
RPL071	93	'6214809_/6214806'	10		10	10	2.152	10	10	5.79 No	2.152 Thermal Discharging
RPL071	94	'6207559_/64934587_2'	10		10	10	2.152	4.7	10	5.79 No	2.152 Thermal Discharging
RPL071	95	'43869553_/6214823'	10		10	10	2.152	10	10	5.79 No	2.152 Thermal Discharging
RPL071	96	'6149866_/6149880'	10		10	10	2.152	10	10	5.79 No	2.152 Thermal Discharging
RPL071	97	'43868453_/6202011'	6.67		6.67	6.67	1.432	1	6.67	3.86 No	1 Element Fault
RPL071	98	'6201747_/6201744'	10		10	10	2.152	1.5	10	5.79 No	1.5 Element Fault
RPL071	99	'6149849_/6149863'	10		10	10	2.152	10	10	5.79 No	2.152 Thermal Discharging
RPL071	100	'6214843_/43869555'	10		10	10	2.152	10	10	5.79 No	2.152 Thermal Discharging
RPL071	101	'55608638_/6201869'	10		10	10	2.152	1.5	10	5.79 No	1.5 Element Fault
RPL071	102	'6215982_/43871213'	10		10	10	2.152	1.5	10	5.79 No	1.5 Element Fault
RPL071	103	'8386337_/7437344_2'	10		10	10	2.152	5.3	10	5.79 No	2.152 Thermal Discharging
RPL071	104	'66303044_/6207577_1'	3.33		3.33	3.33	0.72	0.5	3.33	1.93 No	0.5 Element Fault
RPL071	105	'6205074_/6215240'	10		10	10	2.152	10	10	5.79 No	2.152 Thermal Discharging
RPL071	106	'6149832_/6149846'	10		10	10	2.152	10	10	5.79 No	2.152 Thermal Discharging
RPL071	107	'7439043_/9331024_1'	10		10	10	2.152	10	10	5.79 No	2.152 Thermal Discharging
RPL071	108	'69700431_/6201886_1'	10		10	10	2.152	0.9	10	5.79 No	0.9 Element Fault
RPL071	109	'6149815_/6149829'	10		10	10	2.152	10	10	5.79 No	2.152 Thermal Discharging
RPL071	110	'6201838_/6201835'	10		10	10	2.152	2.7	10	5.79 No	2.152 Thermal Discharging
RPL071	111	'6207560_/6207557'	10		10	10	2.152	4.7	10	5.79 No	2.152 Thermal Discharging
RPL071	112	'8387811_/8387808_2'	10		10	10	2.152	2.7	10	5.79 No	2.152 Thermal Discharging
RPL071	113	'6149798_/6149812'	10		10	10	2.152	10	10	5.79 No	2.152 Thermal Discharging
RPL071	114	'8386372_/352222793_2'	10		10	10	2.152	5.4	10	5.79 No	2.152 Thermal Discharging
RPL071	115	'51032743_/6205071'	10		10	10	2.152	5	10	5.79 No	2.152 Thermal Discharging
RPL071	116	'43869644_/6214874'	10		10	10	2.152	4.7	10	5.79 No	2.152 Thermal Discharging
RPL071	117	'6201855_/6210714_1'	10		10	10	2.152	2.4	10	5.79 No	2.152 Thermal Discharging
RPL071	118	'9067010_/49965441_2'	10		10	10	2.152	5	10	5.79 No	2.152 Thermal Discharging
RPL071	119	'8387810_/8387808_1'	10		10	10	2.152	1.8	10	5.79 No	1.8 Element Fault
RPL071	120	'6202014_/43868455'	6.67		6.67	6.67	1.432	1	6.67	3.86 No	1 Element Fault
RPL071	121	'352222789_/352222793_1'	10		10	10	2.152	4.8	10	5.79 No	2.152 Thermal Discharging
RPL071	122	'8697703_/405548454_2'	10		10	10	2.152	2.4	10	5.79 No	2.152 Thermal Discharging
RPL071	123	'6149781_/6149795'	10		10	10	2.152	10	10	5.79 No	2.152 Thermal Discharging
RPL071	124	'6215306_/43869646'	10		10	10	2.152	4.7	10	5.79 No	2.152 Thermal Discharging
RPL071	125	'6201854_/43868390'	10		10	10	2.152	2.4	10	5.79 No	2.152 Thermal Discharging
RPL071	126	'9013736_/9329060_1'	10		10	10	2.152	1.5	10	5.79 No	1.5 Element Fault
RPL071	127	'6149761_/6149778'	10		10	10	2.152	10	10	5.79 No	2.152 Thermal Discharging
RPL071	128	'43870876_/6215323'	10		10	10	2.152	4.7	10	5.79 No	2.152 Thermal Discharging
RPL071	129	'405548450_/405548454_1'	10		10	10	2.152	1	10	5.79 No	1 Element Fault
RPL071	130	'6149744_/6149758'	10		10	10	2.152	10	10	5.79 No	2.152 Thermal Discharging
RPL071	131	'6201767_/6201764'	10		10	10	2.152	1.5	10	5.79 No	1.5 Element Fault
RPL071	132	'6215343_/43870878'	10		10	10	2.152	4.7	10	5.79 No	2.152 Thermal Discharging
RPL071	133	'402932059_/402932126'	10		10	10	2.152	1	10	5.79 No	1 Element Fault
RPL071	134	'7437439_/9329044_1'	3.33		3.33	3.33	0.72	0.5	3.33	1.93 No	0.5 Element Fault
RPL071	135	'43870889_/6215763'	10		10	10	2.152	4.7	10	5.79 No	2.152 Thermal Discharging
RPL071	136	'7437346_/7437344_1'	10		10	10	2.152	1.5	10	5.79 No	1.5 Element Fault
RPL071	137	'6149727_/6149741'	10		10	10	2.152	10	10	5.79 No	2.152 Thermal Discharging
RPL071	138	'43870903_/43870891'	10		10	10	2.152	4.7	10	5.79 No	2.152 Thermal Discharging
RPL071	139	'405548406_/402932100'	10		10	10	2.152	1	10	5.79 No	1 Element Fault
RPL071	140	'509243049_/509242958_2'	10		10	10	2.152	5.3	10	5.79 No	2.152 Thermal Discharging
RPL071	141	'6214893_/6215746'	10		10	10	2.152	4.7	10	5.79 No	2.152 Thermal Discharging
RPL071	142	'43857065_/6149724'	10		10	10	2.152	10	10	5.79 No	2.152 Thermal Discharging
RPL071	143	'55608646_/6201886_2'	10		10	10	2.152	0.9	10	5.79 No	0.9 Element Fault

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RPL071	144	'7439496_/_9331024_2'		10	10	10	2.152	10	10	5.79 No	2.152 Thermal Discharging
RPL071	145	'43856549_/_7105845'		10	10	10	2.152	2.7	10	5.79 No	2.152 Thermal Discharging
RPL071	146	'43869668_/_6214891'		10	10	10	2.152	4.7	10	5.79 No	2.152 Thermal Discharging
RPL071	147	'6149693_/_6149707'		10	10	10	2.152	10	10	5.79 No	2.152 Thermal Discharging
RPL071	148	'50755632_/_8072711_1'		6.67	6.67	6.67	1.432	1	6.67	3.86 No	1 Element Fault
RPL071	149	'6207892_/_6214908'		10	10	10	2.152	4.7	10	5.79 No	2.152 Thermal Discharging
RPL071	150	'6149673_/_6149690'		10	10	10	2.152	10	10	5.79 No	2.152 Thermal Discharging
RPL071	151	'7437403_/_8696416_1'		10	10	10	2.152	1.7	10	5.79 No	1.7 Element Fault
RPL071	152	'9331124_/_522500255'		10	10	10	2.152	4.7	10	5.79 No	2.152 Thermal Discharging
RPL071	153	'43869681_/_6214925'		10	10	10	2.152	4.7	10	5.79 No	2.152 Thermal Discharging
RPL071	154	'6149653_/_6149670'		10	10	10	2.152	10	10	5.79 No	2.152 Thermal Discharging
RPL071	155	'8696644_/_9642433_1'		10	10	10	2.152	1.5	10	5.79 No	1.5 Element Fault
RPL071	156	'6207580_/_6207577_2'		3.33	3.33	3.33	0.72	0.5	3.33	1.93 No	0.5 Element Fault
RPL071	157	'6140442_/_43856551'		10	10	10	2.152	2.7	10	5.79 No	2.152 Thermal Discharging
RPL071	158	'388544212_/_388544231'		10	10	10	2.152	4.8	10	5.79 No	2.152 Thermal Discharging
RPL071	159	'8072677_/_8072675'		10	10	10	2.152	1.5	10	5.79 No	1.5 Element Fault
RPL071	160	'7437327_/_9055993'		10	10	10	2.152	1.8	10	5.79 No	1.8 Element Fault
RPL071	161	'6207699_/_43869683'		10	10	10	2.152	4.7	10	5.79 No	2.152 Thermal Discharging
RPL071	162	'8072714_/_8072711_2'		6.67	6.67	6.67	1.432	1	6.67	3.86 No	1 Element Fault
RPL071	163	'40366966_/_49965441_1'		10	10	10	2.152	3.6	10	5.79 No	2.152 Thermal Discharging
RPL071	164	'67815726_/_6149650_2'		10	10	10	2.152	10	10	5.79 No	2.152 Thermal Discharging
RPL071	165	'67815711_/_6149650_1'		10	10	10	2.152	10	10	5.79 No	2.152 Thermal Discharging
RPL071	166	'7437367_/_8696416_2'		10	10	10	2.152	1.7	10	5.79 No	1.7 Element Fault
RPL071	167	'6214962_/_6214959'		10	10	10	2.152	4.7	10	5.79 No	2.152 Thermal Discharging
RPL071	168	'6207700_/_6207712_1'		6.67	6.67	6.67	1.432	1	6.67	3.86 No	1 Element Fault
RPL071	169	'8697890_/_522500279'		10	10	10	2.152	4.7	10	5.79 No	2.152 Thermal Discharging
RPL071	170	'6140459_/_6140456'		10	10	10	2.152	2.7	10	5.79 No	2.152 Thermal Discharging
RPL071	171	'6214979_/_6214976'		10	10	10	2.152	4.7	10	5.79 No	2.152 Thermal Discharging
RPL071	172	'87864066_/_7439494'		10	10	10	2.152	10	10	5.79 No	2.152 Thermal Discharging
RPL071	173	'6207893_/_43869730'		10	10	10	2.152	4.6	10	5.79 No	2.152 Thermal Discharging
RPL071	174	'6151717_/_6151732_1'		6.67	6.67	6.67	1.432	1	6.67	3.86 No	1 Element Fault
RPL071	175	'39490561_/_50263540'		10	10	10	2.152	3.6	10	5.79 No	2.152 Thermal Discharging
RPL071	176	'8698811_/_87864081'		10	10	10	2.152	10	10	5.79 No	2.152 Thermal Discharging
RPL071	177	'8388009_/_8388026_1'		10	10	10	2.152	1.5	10	5.79 No	1.5 Element Fault
RPL071	178	'8074190_/_9015071'		10	10	10	2.152	1	10	5.79 No	1 Element Fault
RPL071	179	'6214996_/_6214993'		10	10	10	2.152	4.7	10	5.79 No	2.152 Thermal Discharging
RPL071	180	'7437567_/_509242958_1'		10	10	10	2.152	1.5	10	5.79 No	1.5 Element Fault
RPL071	181	'6207715_/_6207712_2'		6.67	6.67	6.67	1.432	1	6.67	3.86 No	1 Element Fault
RPL071	182	'66704915_/_7438944_2'		3.33	3.33	3.33	0.72	0.5	3.33	1.93 No	0.5 Element Fault
RPL071	183	'7437326_/_7437324'		10	10	10	2.152	1.8	10	5.79 No	1.8 Element Fault
RPL071	184	'6215013_/_6215010'		10	10	10	2.152	4.7	10	5.79 No	2.152 Thermal Discharging
RPL071	185	'465285951_/_8698808'		10	10	10	2.152	10	10	5.79 No	2.152 Thermal Discharging
RPL071	186	'671990611_/_671990586_1'		0.97	3.33	3.33	0.72	0.5	3.33	1.93 No	0.5 Element Fault
RPL071	187	'8388029_/_8388026_2'		10	10	10	2.152	1.5	10	5.79 No	1.5 Element Fault
RPL071	188	'8074576_/_8074593_1'		10	10	10	2.152	1.5	10	5.79 No	1.5 Element Fault
RPL071	189	'465285481_/_465286014'		10	10	10	2.152	10	10	5.79 No	2.152 Thermal Discharging
RPL071	190	'465285474_/_465285479'		10	10	10	2.152	10	10	5.79 No	2.152 Thermal Discharging
RPL071	191	'465285489_/_465285487'		10	10	10	2.152	2.3	10	5.79 No	2.152 Thermal Discharging
RPL071	192	'465285473_/_465285471'		10	10	10	2.152	10	10	5.79 No	2.152 Thermal Discharging
RPL071	193	'465285497_/_465285495'		10	10	10	2.152	10	10	5.79 No	2.152 Thermal Discharging
RPL071	194	'445185750_/_445185754'		10	10	10	2.152	1.7	10	5.79 No	1.7 Element Fault
RPL071	195	'37961822_/_465286246'		10	10	10	2.152	10	10	5.79 No	2.152 Thermal Discharging
RPL071	196	'405016493_/_37961819'		10	10	10	2.152	10	10	5.79 No	2.152 Thermal Discharging
RPL071	197	'37961836_/_37961833'		10	10	10	2.152	2.3	10	5.79 No	2.152 Thermal Discharging
RPL071	198	'37961850_/_37961847'		10	10	10	2.152	10	10	5.79 No	2.152 Thermal Discharging
RPL071	199	'37961857_/_37961854'		10	10	10	2.152	2.3	10	5.79 No	2.152 Thermal Discharging
RPL071	200	'9331885_/_465286363'		10	10	10	2.152	2.3	10	5.79 No	2.152 Thermal Discharging
RPL071	201	'465286086_/_465286144'		10	10	10	2.152	10	10	5.79 No	2.152 Thermal Discharging
RPL071	202	'9329063_/_9329060_2'		10	10	10	2.152	1.5	10	5.79 No	1.5 Element Fault
RPL071	203	'8074596_/_8074593_2'		10	10	10	2.152	1.5	10	5.79 No	1.5 Element Fault
RPL071	204	'43857998_/_6151677'		10	10	10	2.152	4.9	10	5.79 No	2.152 Thermal Discharging
RPL071	205	'7438926_/_8074187'		10	10	10	2.152	1	10	5.79 No	1 Element Fault
RPL071	206	'55608675_/_7105862'		10	10	10	2.152	0.9	10	5.79 No	0.9 Element Fault
RPL071	207	'8069846_/_8698748'		10	10	10	2.152	2.3	10	5.79 No	2.152 Thermal Discharging
RPL071	208	'8072657_/_8072655'		10	10	10	2.152	1.8	10	5.79 No	1.8 Element Fault
RPL071	209	'43856562_/_6142184'		10	10	10	2.152	2.7	10	5.79 No	2.152 Thermal Discharging
RPL071	210	'8386298_/_8386296'		10	10	10	2.152	1.8	10	5.79 No	1.8 Element Fault
RPL071	211	'352222835_/_388544257'		10	10	10	2.152	4.8	10	5.79 No	2.152 Thermal Discharging
RPL071	212	'476153329_/_9331882'		10	10	10	2.152	2.3	10	5.79 No	2.152 Thermal Discharging
RPL071	213	'418835515_/_418835519'		10	10	10	2.152	4.8	10	5.79 No	2.152 Thermal Discharging
RPL071	214	'66705085_/_6207730'		6.67	6.67	6.67	1.432	1	6.67	3.86 No	1 Element Fault
RPL071	215	'6207593_/_6207590'		3.33	3.33	3.33	0.72	0.5	3.33	1.93 No	0.5 Element Fault
RPL071	216	'445185802_/_445185919'		10	10	10	2.152	1.7	10	5.79 No	1.7 Element Fault
RPL071	217	'6143557_/_6151657'		10	10	10	2.152	4.9	10	5.79 No	2.152 Thermal Discharging
RPL071	218	'7438927_/_7438924'		10	10	10	2.152	1	10	5.79 No	1 Element Fault
RPL071	219	'43857986_/_6151732_2'		6.67	6.67	6.67	1.432	1	6.67	3.86 No	1 Element Fault
RPL071	220	'609169780_/_609169796'		10	10	10	2.152	2.3	10	5.79 No	2.152 Thermal Discharging
RPL071	221	'120447268_/_522500312'		10	10	10	2.152	4.2	10	5.79 No	2.152 Thermal Discharging
RPL071	222	'527850102_/_476153307'		10	10	10	2.152	2.3	10	5.79 No	2.152 Thermal Discharging
RPL071	223	'8386357_/_9329044_2'		3.33	3.33	3.33	0.72	0.5	3.33	1.93 No	0.5 Element Fault
RPL071	224	'108140357_/_476153342'		10	10	10	2.152	2.3	10	5.79 No	2.152 Thermal Discharging
RPL071	225	'6142187_/_43856564'		10	10	10	2.152	2.7	10	5.79 No	2.152 Thermal Discharging
RPL071	226	'445185706_/_445185893'		10	10	10	2.152	1.7	10	5.79 No	1.7 Element Fault
RPL071	227	'6143540_/_6143554'		10	10	10	2.152	4.8	10	5.79 No	2.152 Thermal Discharging
RPL071	228	'108140392_/_108140403'		10	10	10	2.152	2.3	10	5.79 No	2.152 Thermal Discharging
RPL071	229	'9382487_/_9382484'		10	10	10	2.152	3.6	10	5.79 No	2.152 Thermal Discharging
RPL071	230	'465311224_/_108140441_1'		10	10	10	2.152	2.3	10	5.79 No	2.152 Thermal Discharging
RPL071	231	'9328876_/_9369534'		10	10	10	2.152	1	10	5.79 No	1 Element Fault
RPL071	232	'422592049_/_422592068'		10	10	10	2.152	4.8	10	5.79 No	2.152 Thermal Discharging
RPL071	233	'55608685_/_6142528'		9.3	10	10	2.152	0.9	10	5.79 No	0.9 Element Fault
RPL071	234	'114311898_/_9642267_1'		10	10	10	2.152	1	10	5.79 No	1 Element Fault
RPL071	235	'6144084_/_6144094_1'		3.33	3.33	3.33	0.72	0.3	3.33	1.93 No	0.3 Element Fault
RPL071	236	'9328877_/_9642267_2'		10	10	10	2.152	1.5	10	5.79 No	1.5 Element Fault
RPL071	237	'114311932_/_114311893_1'		10	10	10	2.152	1	10	5.79 No	1 Element Fault

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RPL071	238	'114311899_/114311893_2'		10	10	10	2.152	1	10	5.79 No	1 Element Fault
RPL071	239	'527850166_/527850182'		10	10	10	2.152	2.3	10	5.79 No	2.152 Thermal Discharging
RPL071	240	'88201898_/522500227'	3.33	3.33	3.33	0.72	1.4	3.33	1.93 No	0.72	Thermal Discharging
RPL071	241	'9013622_/9642227'		10	10	10	2.152	1.8	10	5.79 No	1.8 Element Fault
RPL071	242	'7749788_/9013675'		10	10	10	2.152	1.7	10	5.79 No	1.7 Element Fault
RPL071	243	'9013775_/9642433_2'		10	10	10	2.152	1.5	10	5.79 No	1.5 Element Fault
RPL071	244	'6207644_/6207603'	3.33	3.33	3.33	0.72	0.5	3.33	1.93 No	0.5 Element Fault	0.5 Element Fault
RPL071	245	'6207864_/6207861_1'	3.33	3.33	3.33	0.72	0.3	3.33	1.93 No	0.3 Element Fault	0.3 Element Fault
RPL071	246	'7752022_/522500236'	3.33	3.33	3.33	0.72	1.4	3.33	1.93 No	0.72	Thermal Discharging
RPL071	247	'6207750_/6207861_2'	3.33	3.33	3.33	0.72	0.3	3.33	1.93 No	0.3 Element Fault	0.3 Element Fault
RPL071	248	'556753666_/556753670'		10	10	10	2.152	1.7	10	5.79 No	1.7 Element Fault
RPL071	249	'556753732_/556753764'		10	10	10	2.152	1.7	10	5.79 No	1.7 Element Fault
RPL071	250	'6143523_/6143537'		10	10	10	2.152	4.8	10	5.79 No	2.152 Thermal Discharging
RPL071	251	'556753699_/556753748'		10	10	10	2.152	1.7	10	5.79 No	1.7 Element Fault
RPL071	252	'6207645_/6207642'	3.33	3.33	3.33	0.72	0.5	3.33	1.93 No	0.5 Element Fault	0.5 Element Fault
RPL071	253	'6144097_/6144094_2'	3.33	3.33	3.33	0.72	0.3	3.33	1.93 No	0.3 Element Fault	0.3 Element Fault
RPL071	254	'527850134_/527850198'		10	10	10	2.152	2.3	10	5.79 No	2.152 Thermal Discharging
RPL071	255	'108140462_/527850138'		10	10	10	2.152	2.3	10	5.79 No	2.152 Thermal Discharging
RPL071	256	'473816802_/556753703'		10	10	10	2.152	1.7	10	5.79 No	1.7 Element Fault
RPL071	257	'108140430_/108140471'		10	10	10	2.152	2.3	10	5.79 No	2.152 Thermal Discharging
RPL071	258	'418835559_/422592094'		10	10	10	2.152	4.8	10	5.79 No	2.152 Thermal Discharging
RPL071	259	'6207751_/6207748'	3.33	3.33	3.33	0.72	0.3	3.33	1.93 No	0.3 Element Fault	0.3 Element Fault
RPL071	260	'473816814_/473816715'		10	10	10	2.152	1.7	10	5.79 No	1.7 Element Fault
RPL071	261	'6207618_/6207655'	3.33	3.33	3.33	0.72	0.5	3.33	1.93 No	0.5 Element Fault	0.5 Element Fault
RPL071	262	'9013776_/9013773'		10	10	10	2.152	1.5	10	5.79 No	1.5 Element Fault
RPL071	263	'43857974_/43857988'	6.67	6.67	6.67	1.432	1	6.67	3.86 No	1	Element Fault
RPL071	264	'37959672_/9329120'		10	10	10	2.152	1.5	10	5.79 No	1.5 Element Fault
RPL071	265	'6207790_/6207787'	3.33	3.33	3.33	0.72	0.3	3.33	1.93 No	0.3 Element Fault	0.3 Element Fault
RPL071	266	'37959645_/37959670'		10	10	10	2.152	1.5	10	5.79 No	1.5 Element Fault
RPL071	267	'368572005_/37959642'	3.33	3.33	3.33	0.72	0.5	3.33	1.93 No	0.5 Element Fault	0.5 Element Fault
RPL071	268	'37959665_/37959663'		10	10	10	2.152	1.5	10	5.79 No	1.5 Element Fault
RPL071	269	'37959652_/37959656'		10	10	10	2.152	1.5	10	5.79 No	1.5 Element Fault
RPL071	270	'473816827_/473816779'		10	10	10	2.152	1.7	10	5.79 No	1.7 Element Fault
RPL071	271	'6143503_/6143520'		10	10	10	2.152	4.8	10	5.79 No	2.152 Thermal Discharging
RPL071	272	'55608682_/6152196'	6.3	10	10	10	2.152	0.9	10	5.79 No	0.9 Element Fault
RPL071	273	'9330947_/9644277'		10	10	10	2.152	3.6	10	5.79 No	2.152 Thermal Discharging
RPL071	274	'6146044_/7749857_1'	3.33	3.33	3.33	0.72	0.3	3.33	1.93 No	0.3 Element Fault	0.3 Element Fault
RPL071	275	'6144003_/6144016_1'	3.33	3.33	3.33	0.72	0.3	3.33	1.93 No	0.3 Element Fault	0.3 Element Fault
RPL071	276	'50755532_/7749857_2'	3.33	3.33	3.33	0.72	0.3	3.33	1.93 No	0.3 Element Fault	0.3 Element Fault
RPL071	277	'8072748_/8386354'	3.33	3.33	3.33	0.72	0.5	3.33	1.93 No	0.5 Element Fault	0.5 Element Fault
RPL071	278	'6207806_/6207803'	3.33	3.33	3.33	0.72	0.3	3.33	1.93 No	0.3 Element Fault	0.3 Element Fault
RPL071	279	'6207684_/6207681'	3.33	3.33	3.33	0.72	0.5	3.33	1.93 No	0.5 Element Fault	0.5 Element Fault
RPL071	280	'7749730_/8386276'		10	10	10	2.152	1.7	10	5.79 No	1.7 Element Fault
RPL071	281	'6143486_/6143500'		10	10	10	2.152	4.8	10	5.79 No	2.152 Thermal Discharging
RPL071	282	'6207619_/6207616'	3.33	3.33	3.33	0.72	0.5	3.33	1.93 No	0.5 Element Fault	0.5 Element Fault
RPL071	283	'7437598_/7437596'		10	10	10	2.152	1.5	10	5.79 No	1.5 Element Fault
RPL071	284	'6207764_/6207761'	3.33	3.33	3.33	0.72	0.3	3.33	1.93 No	0.3 Element Fault	0.3 Element Fault
RPL071	285	'8386512_/9013969'		10	10	10	2.152	1.5	10	5.79 No	1.5 Element Fault
RPL071	286	'6207822_/6207819'	3.33	3.33	3.33	0.72	0.3	3.33	1.93 No	0.3 Element Fault	0.3 Element Fault
RPL071	287	'43856601_/6142230'	5	10	10	10	2.152	0.9	10	5.79 No	0.9 Element Fault
RPL071	288	'7478716_/519347002'		10	10	10	2.152	4.2	10	5.79 No	2.152 Thermal Discharging
RPL071	289	'6207632_/6207629'	2.83	3.33	3.33	0.72	0.5	3.33	1.93 No	0.5 Element Fault	0.5 Element Fault
RPL071	290	'8386513_/8386510'		10	10	10	2.152	1.5	10	5.79 No	1.5 Element Fault
RPL071	291	'6144110_/6144107'	3.33	3.33	3.33	0.72	0.3	3.33	1.93 No	0.3 Element Fault	0.3 Element Fault
RPL071	292	'6146043_/43856463'	3.33	3.33	3.33	0.72	0.3	3.33	1.93 No	0.3 Element Fault	0.3 Element Fault
RPL071	293	'9329239_/9329256'		10	10	10	2.152	1.5	10	5.79 No	1.5 Element Fault
RPL071	294	'6144019_/6144016_2'	3.33	3.33	3.33	0.72	0.3	3.33	1.93 No	0.3 Element Fault	0.3 Element Fault
RPL071	295	'8386492_/9329236'		10	10	10	2.152	1.5	10	5.79 No	1.5 Element Fault
RPL071	296	'8386493_/8386490'		10	10	10	2.152	1.5	10	5.79 No	1.5 Element Fault
RPL071	297	'7750035_/418835563'	7.5	10	10	10	2.152	4.8	10	5.79 No	2.152 Thermal Discharging
RPL071	298	'43869706_/6207832'	3.33	3.33	3.33	0.72	0.3	3.33	1.93 No	0.3 Element Fault	0.3 Element Fault
RPL071	299	'6213507_/6213504'	2.33	3.33	3.33	0.72	0.5	3.33	1.93 No	0.5 Element Fault	0.5 Element Fault
RPL071	300	'6143466_/6143483'		10	10	10	2.152	4.8	10	5.79 No	2.152 Thermal Discharging
RPL071	301	'154780969_/6142207'	4.4	10	10	10	2.152	0.9	10	5.79 No	0.9 Element Fault
RPL071	302	'6143909_/6143919_1'	3.33	3.33	3.33	0.72	0.3	3.33	1.93 No	0.3 Element Fault	0.3 Element Fault
RPL071	303	'6144207_/6144221_1'		10	10	10	2.152	1.6	10	5.79 No	1.6 Element Fault
RPL071	304	'6143832_/43857976'	5.2	6.67	6.67	1.432	1	6.67	3.86 No	1	Element Fault
RPL071	305	'6207777_/6207774'	2.4	3.33	3.33	0.72	0.3	3.33	1.93 No	0.3 Element Fault	0.3 Element Fault
RPL071	306	'6143922_/6143919_2'	3.33	3.33	3.33	0.72	0.3	3.33	1.93 No	0.3 Element Fault	0.3 Element Fault
RPL071	307	'9329278_/9329276'	9.2	10	10	10	2.152	1.5	10	5.79 No	1.5 Element Fault
RPL071	308	'8072844_/9329296'	9.2	10	10	10	2.152	1.5	10	5.79 No	1.5 Element Fault
RPL071	309	'6213523_/6213520'	1.9	3.33	3.33	0.72	0.5	3.33	1.93 No	0.5 Element Fault	0.5 Element Fault
RPL071	310	'6144224_/6144221_2'	8.4	10	10	10	2.152	1.6	10	5.79 No	1.6 Element Fault
RPL071	311	'154780990_/154780987'	1.43	3.33	3.33	0.72	0.3	3.33	1.93 No	0.3 Element Fault	0.3 Element Fault
RPL071	312	'7750076_/8072841'	7.5	10	10	10	2.152	1.5	10	5.79 No	1.5 Element Fault
RPL071	313	'8072732_/8072745'	2.37	3.33	3.33	0.72	0.5	3.33	1.93 No	0.5 Element Fault	0.5 Element Fault
RPL071	314	'6144278_/6144275'	2.87	3.33	3.33	0.72	0.53	3.33	1.93 No	0.53 Element Fault	0.53 Element Fault
RPL071	315	'6207851_/6207848'	2.23	3.33	3.33	0.72	0.3	3.33	1.93 No	0.3 Element Fault	0.3 Element Fault
RPL071	316	'43857194_/6144123'	2.37	3.33	3.33	0.72	0.3	3.33	1.93 No	0.3 Element Fault	0.3 Element Fault
RPL071	317	'43857205_/6144029'	2.27	3.33	3.33	0.72	0.3	3.33	1.93 No	0.3 Element Fault	0.3 Element Fault
RPL071	318	'7749729_/7749727'	6.4	10	10	10	2.152	1.7	10	5.79 No	1.7 Element Fault
RPL071	319	'6216813_/6216810'	1.67	3.33	3.33	0.72	0.5	3.33	1.93 No	0.5 Element Fault	0.5 Element Fault
RPL071	320	'7750036_/7750033'	4.9	10	10	10	2.152	4.8	10	5.79 No	2.152 Thermal Discharging
RPL071	321	'6143938_/6143935'	2.2	3.33	3.33	0.72	0.3	3.33	1.93 No	0.3 Element Fault	0.3 Element Fault
RPL071	322	'8072824_/522500349'	4.9	10	10	10	2.152	4.2	10	5.79 No	2.152 Thermal Discharging
RPL071	323	'522500713_/522500338_1'	2.8	10	10	10	2.152	4.8	10	5.79 No	2.152 Thermal Discharging
RPL071	324	'6144244_/6144241'	5.9	10	10	10	2.152	1.6	10	5.79 No	1.6 Element Fault
RPL071	325	'293785799_/293785791'	1.5	3.33	3.33	0.72	0.5	3.33	1.93 No	0.5 Element Fault	0.5 Element Fault
RPL071	326	'43856950_/6143830'	3.27	6.67	6.67	1.432	1	6.67	3.86 No	1	Element Fault
RPL071	327	'8412017_/8412014'	4.3	10	10	10	2.152	4.8	10	5.79 No	2.152 Thermal Discharging
RPL071	328	'6144291_/6144288'	1.93	3.33	3.33	0.72	0.53	3.33	1.93 No	0.53 Element Fault	0.53 Element Fault
RPL071	329	'6144261_/6144258'	5.1	10	10	10	2.152	1.6	10	5.79 No	1.6 Element Fault
RPL071	330	'43857216_/6143948'	1.77	3.33	3.33	0.72	0.3	3.33	1.93 No	0.3 Element Fault	0.3 Element Fault
RPL071	331	'6144307_/6144304'	5	10	10	10	2.152	1.6	10	5.79 No	1.6 Element Fault

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RPL071	332	'368865291_/_6144842_1'	1.7	3.33	3.33	0.72	0.3	3.33	1.93 No	0.3	Element Fault
RPL071	333	'7439101_/_9644829'	4	10	10	2.152	4.8	10	5.79 No	2.152	Thermal Discharging
RPL071	334	'7439100_/_7439098'	3.8	10	10	2.152	4.8	10	5.79 No	2.152	Thermal Discharging
RPL071	335	'368865223_/_6144842_2'	1.67	3.33	3.33	0.72	0.3	3.33	1.93 No	0.3	Element Fault
RPL071	336	'368865194_/_368864986'	1.67	3.33	3.33	0.72	0.3	3.33	1.93 No	0.3	Element Fault
RPL071	337	'6144139_/_6144136'	1.53	3.33	3.33	0.72	0.3	3.33	1.93 No	0.3	Element Fault
RPL071	338	'6144363_/_6144786'	1.63	3.33	3.33	0.72	0.53	3.33	1.93 No	0.53	Element Fault
RPL071	339	'7749749_/_7749747'	4.5	10	10	2.152	1.7	10	5.79 No	1.7	Element Fault
RPL071	340	'6144045_/_6144042'	1.5	3.33	3.33	0.72	0.3	3.33	1.93 No	0.3	Element Fault
RPL071	341	'8072731_/_567291217'	1.47	3.33	3.33	0.72	0.5	3.33	1.93 No	0.5	Element Fault
RPL071	342	'43857089_/_6144321'	4.4	10	10	2.152	1.6	10	5.79 No	1.6	Element Fault
RPL071	343	'6143964_/_43857218'	1.47	3.33	3.33	0.72	0.3	3.33	1.93 No	0.3	Element Fault
RPL071	344	'9018578_/_9018575'	3.4	10	10	2.152	4.8	10	5.79 No	2.152	Thermal Discharging
RPL071	345	'6144376_/_6144799'	1.5	3.33	3.33	0.72	0.53	3.33	1.93 No	0.53	Element Fault
RPL071	346	'368865110_/_6144812_1'	1.47	3.33	3.33	0.72	0.3	3.33	1.93 No	0.3	Element Fault
RPL071	347	'7749769_/_8696378'	4	10	10	2.152	1.7	10	5.79 No	1.7	Element Fault
RPL071	348	'6144347_/_6144344'	3.9	10	10	2.152	1.6	10	5.79 No	1.6	Element Fault
RPL071	349	'7749770_/_7749767'	2.67	6.67	6.67	1.432	1.13	6.67	3.86 No	1.13	Element Fault
RPL071	350	'6143848_/_43856952'	2.33	6.67	6.67	1.432	1	6.67	3.86 No	1	Element Fault
RPL071	351	'8696684_/_9683946'	3.1	10	10	2.152	4.8	10	5.79 No	2.152	Thermal Discharging
RPL071	352	'6143977_/_6143974'	1.27	3.33	3.33	0.72	0.3	3.33	1.93 No	0.3	Element Fault
RPL071	353	'6144501_/_6144812_2'	1.33	3.33	3.33	0.72	0.3	3.33	1.93 No	0.3	Element Fault
RPL071	354	'52133509_/_6152592'	3.6	10	10	2.152	1.6	10	5.79 No	1.6	Element Fault
RPL071	355	'52133706_/_52133527_1'	3.6	10	10	2.152	0.9	10	5.79 No	0.9	Element Fault
RPL071	356	'7750015_/_8696682'	3	10	10	2.152	4.8	10	5.79 No	2.152	Thermal Discharging
RPL071	357	'9013697_/_9642247'	3.6	10	10	2.152	1.7	10	5.79 No	1.7	Element Fault
RPL071	358	'7749844_/_9328988'	1.2	3.33	3.33	0.72	0.5	3.33	1.93 No	0.5	Element Fault
RPL071	359	'6144058_/_6144055'	1.2	3.33	3.33	0.72	0.3	3.33	1.93 No	0.3	Element Fault
RPL071	360	'368865000_/_368864997'	1.3	3.33	3.33	0.72	0.3	3.33	1.93 No	0.3	Element Fault
RPL071	361	'43857183_/_6144149'	1.13	3.33	3.33	0.72	0.3	3.33	1.93 No	0.3	Element Fault
RPL071	362	'52133582_/_52133527_2'	3.4	10	10	2.152	0.9	10	5.79 No	0.9	Element Fault
RPL071	363	'52133550_/_52133579'	3.4	10	10	2.152	0.9	10	5.79 No	0.9	Element Fault
RPL071	364	'52133618_/_52133615'	1.13	3.33	3.33	0.72	0.3	3.33	1.93 No	0.3	Element Fault
RPL071	365	'52133594_/_52133591'	3.4	10	10	2.152	0.9	10	5.79 No	0.9	Element Fault
RPL071	366	'52133605_/_52133609'	3.4	10	10	2.152	0.9	10	5.79 No	0.9	Element Fault
RPL071	367	'368865058_/_368865027'	1.27	3.33	3.33	0.72	0.3	3.33	1.93 No	0.3	Element Fault
RPL071	368	'368865170_/_368865139'	1.27	3.33	3.33	0.72	0.3	3.33	1.93 No	0.3	Element Fault
RPL071	369	'6141005_/_6143987'	1.17	3.33	3.33	0.72	0.3	3.33	1.93 No	0.3	Element Fault
RPL071	370	'52133766_/_52133763'	3.3	10	10	2.152	0.9	10	5.79 No	0.9	Element Fault
RPL071	371	'9013657_/_9013695'	3.3	10	10	2.152	1.7	10	5.79 No	1.7	Element Fault
RPL071	372	'51133083_/_51133090'	1.07	3.33	3.33	0.72	0.3	3.33	1.93 No	0.3	Element Fault
RPL071	373	'6143863_/_6143860'	1.93	6.67	6.67	1.432	1	6.67	3.86 No	1	Element Fault
RPL071	374	'55633133_/_55633140'	1.07	3.33	3.33	0.72	0.3	3.33	1.93 No	0.3	Element Fault
RPL071	375	'52133520_/_52133552'	3.1	10	10	2.152	0.9	10	5.79 No	0.9	Element Fault
RPL071	376	'7750016_/_550817180'	2.6	10	10	2.152	4.8	10	5.79 No	2.152	Thermal Discharging
RPL071	377	'55289546_/_52133684'	3.1	10	10	2.152	0.9	10	5.79 No	0.9	Element Fault
RPL071	378	'43857951_/_6141003'	1.07	3.33	3.33	0.72	0.3	3.33	1.93 No	0.3	Element Fault
RPL071	379	'7437422_/_7749841'	1	3.33	3.33	0.72	0.5	3.33	1.93 No	0.5	Element Fault
RPL071	380	'55289580_/_55289587'	3	10	10	2.152	0.9	10	5.79 No	0.9	Element Fault
RPL071	381	'6144071_/_6144068'	1	3.33	3.33	0.72	0.3	3.33	1.93 No	0.3	Element Fault
RPL071	382	'9013581_/_9013655'	3	10	10	2.152	1.7	10	5.79 No	1.7	Element Fault
RPL071	383	'55289610_/_55289608'	2.9	10	10	2.152	0.9	10	5.79 No	0.9	Element Fault
RPL071	384	'9013582_/_9013619_1'	3	10	10	2.152	1.8	10	5.79 No	1.8	Element Fault
RPL071	385	'6144165_/_6144162'	0.93	3.33	3.33	0.72	0.3	3.33	1.93 No	0.3	Element Fault
RPL071	386	'43856939_/_6143875'	1.67	6.67	6.67	1.432	1	6.67	3.86 No	1	Element Fault
RPL071	387	'6140980_/_6140990'	0.97	3.33	3.33	0.72	0.3	3.33	1.93 No	0.3	Element Fault
RPL071	388	'52133677_/_55289633'	2.7	10	10	2.152	0.9	10	5.79 No	0.9	Element Fault
RPL071	389	'52133711_/_52133713'	2.7	10	10	2.152	0.9	10	5.79 No	0.9	Element Fault
RPL071	390	'6140979_/_6140977'	0.9	3.33	3.33	0.72	0.3	3.33	1.93 No	0.3	Element Fault
RPL071	391	'43857581_/_6146956'	0.87	3.33	3.33	0.72	0.3	3.33	1.93 No	0.3	Element Fault
RPL071	392	'43856814_/_43856816'	0.77	3.33	3.33	0.72	0.5	3.33	1.93 No	0.5	Element Fault
RPL071	393	'66167148_/_66167202'	0.83	3.33	3.33	0.72	0.3	3.33	1.93 No	0.3	Element Fault
RPL071	394	'43857172_/_6144175'	0.83	3.33	3.33	0.72	0.3	3.33	1.93 No	0.3	Element Fault
RPL071	395	'8072641_/_8072639'	1.2	3.33	3.33	0.72	0.57	3.33	1.93 No	0.57	Element Fault
RPL071	396	'66167172_/_66167191'	0.8	3.33	3.33	0.72	0.3	3.33	1.93 No	0.3	Element Fault
RPL071	397	'6143152_/_6143149'	0.73	3.2	3.33	0.72	0.5	3.33	1.93 No	0.5	Element Fault
RPL071	398	'43856781_/_43856783'	0.83	3.33	3.33	0.72	0.3	3.33	1.93 No	0.3	Element Fault
RPL071	399	'6144191_/_43857174'	0.77	3.13	3.33	0.72	0.3	3.33	1.93 No	0.3	Element Fault
RPL071	400	'6143168_/_6143165'	0.7	3.03	3.33	0.72	0.5	3.33	1.93 No	0.5	Element Fault
RPL071	401	'6143022_/_6143032'	0.8	3.33	3.33	0.72	0.3	3.33	1.93 No	0.3	Element Fault
RPL071	402	'6143061_/_43857583'	0.73	3	3.33	0.72	0.3	3.33	1.93 No	0.3	Element Fault
RPL071	403	'43856803_/_43856805'	0.73	2.87	3.33	0.72	0.3	3.33	1.93 No	0.3	Element Fault
RPL071	404	'43856770_/_6143019'	0.77	3.13	3.33	0.72	0.3	3.33	1.93 No	0.3	Element Fault
RPL071	405	'6143181_/_6143178'	0.67	2.77	3.33	0.72	0.5	3.33	1.93 No	0.5	Element Fault
RPL071	406	'6143112_/_6143110'	0.67	2.73	3.33	0.72	0.3	3.33	1.93 No	0.3	Element Fault
RPL071	407	'6143060_/_6143058'	0.67	2.7	3.33	0.72	0.3	3.33	1.93 No	0.3	Element Fault
RPL071	408	'6147217_/_6147227'	0.7	2.9	3.33	0.72	0.3	3.33	1.93 No	0.3	Element Fault
RPL071	409	'6143194_/_6143191'	0.6	2.6	3.33	0.72	0.5	3.33	1.93 No	0.5	Element Fault
RPL071	410	'6147204_/_6147214_2'	0.7	2.8	3.33	0.72	0.3	3.33	1.93 No	0.3	Element Fault
RPL071	411	'6143009_/_6147214_1'	0.67	2.77	3.33	0.72	0.2	3.33	1.93 No	0.2	Element Fault
RPL071	412	'6143126_/_6143123'	0.63	2.57	3.33	0.72	0.3	3.33	1.93 No	0.3	Element Fault
RPL071	413	'43856792_/_6143071'	0.63	2.47	3.33	0.72	0.3	3.33	1.93 No	0.3	Element Fault
RPL071	414	'6142954_/_6143006'	0.63	2.63	3.33	0.72	0.2	3.33	1.93 No	0.2	Element Fault
RPL071	415	'6143139_/_6143136'	0.6	2.4	3.33	0.72	0.3	3.33	1.93 No	0.3	Element Fault
RPL071	416	'6142941_/_6142951'	0.63	2.57	3.33	0.72	0.2	3.33	1.93 No	0.2	Element Fault
RPL071	417	'6142967_/_6142964'	0.6	2.47	3.33	0.72	0.2	3.33	1.93 No	0.2	Element Fault
RPL071	418	'6142889_/_6142938'	0.6	2.47	3.33	0.72	0.2	3.33	1.93 No	0.2	Element Fault
RPL071	419	'6143087_/_43856794'	0.57	2.2	3.33	0.72	0.3	3.33	1.93 No	0.3	Element Fault
RPL071	420	'6142983_/_6142980'	0.6	2.4	3.33	0.72	0.2	3.33	1.93 No	0.2	Element Fault
RPL071	421	'6142872_/_6142870'	0.6	2.37	3.33	0.72	0.2	3.33	1.93 No	0.2	Element Fault
RPL071	422	'43856722_/_6145115'	0.6	2.37	3.33	0.72	0.2	3.33	1.93 No	0.2	Element Fault
RPL071	423	'6142996_/_6142993'	0.57	2.3	3.33	0.72	0.2	3.33	1.93 No	0.2	Element Fault
RPL071	424	'6142860_/_6142925'	0.57	2.23	3.33	0.72	0.2	3.33	1.93 No	0.2	Element Fault
RPL071	425	'6145091_/_6145102'	0.57	2.23	3.33	0.72	0.2	3.33	1.93 No	0.2	Element Fault

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RPL071	426	'6143100_/_6143097'	0.5	2.03	3.33	0.72	0.3	3.33	1.93 No	0.3	Element Fault
RPL071	427	'6142847_/_6142857'	0.53	2.17	3.33	0.72	0.2	3.33	1.93 No	0.2	Element Fault
RPL071	428	'43856733_/_6145089'	0.53	2.13	3.33	0.72	0.2	3.33	1.93 No	0.2	Element Fault
RPL071	429	'6142834_/_6142844'	0.53	2.1	3.33	0.72	0.2	3.33	1.93 No	0.2	Element Fault
RPL071	430	'6142902_/_43856735'	0.5	2.03	3.33	0.72	0.2	3.33	1.93 No	0.2	Element Fault
RPL071	431	'6142833_/_6142831'	0.5	2	3.33	0.72	0.2	3.33	1.93 No	0.2	Element Fault
RPL071	432	'6142915_/_6142912'	0.5	1.93	3.33	0.72	0.2	3.33	1.93 No	0.2	Element Fault
RPL072	0	'RPL072_/_9018495'	10	10	10	1.024	10	10	5.52 No	1.024	Thermal Discharging
RPL072	1	'8698490_/_9018495'	10	10	10	1.024	10	10	5.52 No	1.024	Thermal Discharging
RPL072	2	'7439657_/_8698488'	10	10	10	1.024	10	10	5.52 No	1.024	Thermal Discharging
RPL072	3	'7439656_/_7439654'	10	10	10	1.024	10	10	5.52 No	1.024	Thermal Discharging
RPL072	4	'7439876_/_7439874'	10	10	10	1.024	10	10	5.52 No	1.024	Thermal Discharging
RPL072	5	'7439856_/_9018635'	10	10	10	1.024	10	10	5.52 No	1.024	Thermal Discharging
RPL072	6	'7439857_/_7439854'	10	10	10	1.024	10	10	5.52 No	1.024	Thermal Discharging
RPL072	7	'7752153_/_9331258'	10	10	10	1.024	10	10	5.52 No	1.024	Thermal Discharging
RPL072	8	'7752154_/_7752151'	10	10	10	1.024	10	10	5.52 No	1.024	Thermal Discharging
RPL072	9	'7439954_/_7439952'	10	10	10	1.024	10	10	5.52 No	1.024	Thermal Discharging
RPL072	10	'8388823_/_8388820'	10	10	10	1.024	10	10	5.52 No	1.024	Thermal Discharging
RPL072	11	'37961731_/_8698668'	10	10	10	1.024	10	10	5.52 No	1.024	Thermal Discharging
RPL072	12	'405017880_/_37961728'	10	10	10	1.024	10	10	5.52 No	1.024	Thermal Discharging
RPL072	13	'37961703_/_37961700'	10	10	10	1.024	10	10	5.52 No	1.024	Thermal Discharging
RPL072	14	'37961717_/_37961714'	10	10	10	1.024	10	10	5.52 No	1.024	Thermal Discharging
RPL072	15	'405017881_/_37961735'	10	10	10	1.024	10	10	5.52 No	1.024	Thermal Discharging
RPL072	16	'7439974_/_8388800'	10	10	10	1.024	10	10	5.52 No	1.024	Thermal Discharging
RPL072	17	'7439975_/_7439972'	10	10	10	1.024	10	10	5.52 No	1.024	Thermal Discharging
RPL072	18	'467608719_/_9018695'	10	10	10	1.024	10	10	5.52 No	1.024	Thermal Discharging
RPL072	19	'405016592_/_465286786'	10	10	10	1.024	10	10	5.52 No	1.024	Thermal Discharging
RPL072	20	'465286796_/_465286794'	10	10	10	1.024	10	10	5.52 No	1.024	Thermal Discharging
RPL072	21	'465310388_/_465286802'	10	10	10	1.024	10	10	5.52 No	1.024	Thermal Discharging
RPL072	22	'465286780_/_465286778'	10	10	10	1.024	2.3	10	5.52 No	1.024	Thermal Discharging
RPL072	23	'465309541_/_465286963'	10	10	10	1.024	10	10	5.52 No	1.024	Thermal Discharging
RPL072	24	'9331824_/_9331822'	10	10	10	1.024	10	10	5.52 No	1.024	Thermal Discharging
RPL072	25	'7752250_/_7752247'	10	10	10	1.024	2.3	10	5.52 No	1.024	Thermal Discharging
RPL072	26	'8698730_/_9645121'	10	10	10	1.024	10	10	5.52 No	1.024	Thermal Discharging
RPL072	27	'8698731_/_8698728'	10	10	10	1.024	10	10	5.52 No	1.024	Thermal Discharging
RPL072	28	'465309565_/_465309594'	10	10	10	1.024	2.3	10	5.52 No	1.024	Thermal Discharging
RPL072	29	'465285236_/_465286572'	10	10	10	1.024	10	10	5.52 No	1.024	Thermal Discharging
RPL072	30	'465285237_/_465285234'	10	10	10	1.024	10	10	5.52 No	1.024	Thermal Discharging
RPL072	31	'465285260_/_465285258'	10	10	10	1.024	2.3	10	5.52 No	1.024	Thermal Discharging
RPL072	32	'465285252_/_465285250'	3.3	10	10	1.024	2.3	10	5.52 No	1.024	Thermal Discharging
RPL072	33	'465285244_/_465285242'	10	10	10	1.024	10	10	5.52 No	1.024	Thermal Discharging
RPL072	34	'465310769_/_465285376_2'	10	10	10	1.024	10	10	5.52 No	1.024	Thermal Discharging
RPL072	35	'465285191_/_465285376_1'	10	10	10	1.024	10	10	5.52 No	1.024	Thermal Discharging
RPL072	36	'6214595_/_6214593_2'	10	10	10	1.024	10	10	5.52 No	1.024	Thermal Discharging
RPL072	37	'6213114_/_465285195'	10	10	10	1.024	10	10	5.52 No	1.024	Thermal Discharging
RPL072	38	'43869058_/_6214593_1'	10	10	10	1.024	10	10	5.52 No	1.024	Thermal Discharging
RPL072	39	'6213115_/_6217240_2'	10	10	10	1.024	4.9	10	5.52 No	1.024	Thermal Discharging
RPL072	40	'6214616_/_6214613'	10	10	10	1.024	10	10	5.52 No	1.024	Thermal Discharging
RPL072	41	'6215269_/_465310868'	10	10	10	1.024	10	10	5.52 No	1.024	Thermal Discharging
RPL072	42	'514423009_/_514423013'	10	10	10	1.024	2.3	10	5.52 No	1.024	Thermal Discharging
RPL072	43	'43869045_/_6214630'	10	10	10	1.024	10	10	5.52 No	1.024	Thermal Discharging
RPL072	44	'43871297_/_6215448'	10	10	10	1.024	10	10	5.52 No	1.024	Thermal Discharging
RPL072	45	'43871410_/_43869047'	10	10	10	1.024	10	10	5.52 No	1.024	Thermal Discharging
RPL072	46	'6214562_/_6214576'	10	10	10	1.024	10	10	5.52 No	1.024	Thermal Discharging
RPL072	47	'6214545_/_6214559'	10	10	10	1.024	10	10	5.52 No	1.024	Thermal Discharging
RPL072	48	'43871397_/_6216740'	10	10	10	1.024	10	10	5.52 No	1.024	Thermal Discharging
RPL072	49	'6214528_/_6214542'	10	10	10	1.024	10	10	5.52 No	1.024	Thermal Discharging
RPL072	50	'43869032_/_43869034'	10	10	10	1.024	10	10	5.52 No	1.024	Thermal Discharging
RPL072	51	'8074499_/_8074497_1'	10	10	10	1.024	1.9	10	5.52 No	1.024	Thermal Discharging
RPL072	52	'6217242_/_6217240_1'	10	10	10	1.024	3.5	10	5.52 No	1.024	Thermal Discharging
RPL072	53	'49934281_/_9644929_2'	10	10	10	1.024	3.5	10	5.52 No	1.024	Thermal Discharging
RPL072	54	'6216635_/_6216652'	10	10	10	1.024	10	10	5.52 No	1.024	Thermal Discharging
RPL072	55	'383862637_/_6216632_2'	10	10	10	1.024	10	10	5.52 No	1.024	Thermal Discharging
RPL072	56	'6216634_/_6216632_1'	10	10	10	1.024	10	10	5.52 No	1.024	Thermal Discharging
RPL072	57	'8074500_/_8074497_2'	10	10	10	1.024	1.9	10	5.52 No	1.024	Thermal Discharging
RPL072	58	'358562177_/_358562059_2'	10	10	10	1.024	4.6	10	5.52 No	1.024	Thermal Discharging
RPL072	59	'6205212_/_6216669'	10	10	10	1.024	10	10	5.52 No	1.024	Thermal Discharging
RPL072	60	'8698310_/_9644929_1'	10	10	10	1.024	1.7	10	5.52 No	1.024	Thermal Discharging
RPL072	61	'8698311_/_8698308'	10	10	10	1.024	1.7	10	5.52 No	1.024	Thermal Discharging
RPL072	62	'66705131_/_6216612'	10	10	10	1.024	10	10	5.52 No	1.024	Thermal Discharging
RPL072	63	'50755834_/_6205227_2'	10	10	10	1.024	3.5	10	5.52 No	1.024	Thermal Discharging
RPL072	64	'8074479_/_8697810'	10	10	10	1.024	1.9	10	5.52 No	1.024	Thermal Discharging
RPL072	65	'66705158_/_66705128'	10	10	10	1.024	10	10	5.52 No	1.024	Thermal Discharging
RPL072	66	'66705233_/_66705155_1'	10	10	10	1.024	10	10	5.52 No	1.024	Thermal Discharging
RPL072	67	'7439241_/_7439238_1'	10	10	10	1.024	1.5	10	5.52 No	1.024	Thermal Discharging
RPL072	68	'573763762_/_66705155_2'	10	10	10	1.024	10	10	5.52 No	1.024	Thermal Discharging
RPL072	69	'66705225_/_573763768_1'	10	10	10	1.024	10	10	5.52 No	1.024	Thermal Discharging
RPL072	70	'66705183_/_573763768_2'	10	10	10	1.024	10	10	5.52 No	1.024	Thermal Discharging
RPL072	71	'7439260_/_7439258_1'	10	10	10	1.024	1.5	10	5.52 No	1.024	Thermal Discharging
RPL072	72	'6205229_/_6205227_1'	10	10	10	1.024	1.5	10	5.52 No	1.024	Thermal Discharging
RPL072	73	'560997795_/_509444909'	10	10	10	1.024	2.3	10	5.52 No	1.024	Thermal Discharging
RPL072	74	'66705241_/_66705180'	10	10	10	1.024	10	10	5.52 No	1.024	Thermal Discharging
RPL072	75	'358561941_/_358562059_1'	10	10	10	1.024	1.5	10	5.52 No	1.024	Thermal Discharging
RPL072	76	'43869247_/_432057206'	10	10	10	1.024	10	10	5.52 No	1.024	Thermal Discharging
RPL072	77	'6216688_/_6217543'	10	10	10	1.024	10	10	5.52 No	1.024	Thermal Discharging
RPL072	78	'6208893_/_6216686'	10	10	10	1.024	10	10	5.52 No	1.024	Thermal Discharging
RPL072	79	'613602647_/_6208848_1'	10	10	10	1.024	1.5	10	5.52 No	1.024	Thermal Discharging
RPL072	80	'6215080_/_6216703'	10	10	10	1.024	10	10	5.52 No	1.024	Thermal Discharging
RPL072	81	'6215081_/_6215391_1'	10	10	10	1.024	10	10	5.52 No	1.024	Thermal Discharging
RPL072	82	'6215360_/_6215357'	10	10	10	1.024	10	10	5.52 No	1.024	Thermal Discharging
RPL072	83	'6215394_/_6215391_2'	10	10	10	1.024	10	10	5.52 No	1.024	Thermal Discharging
RPL072	84	'6215485_/_6215482'	10	10	10	1.024	10	10	5.52 No	1.024	Thermal Discharging
RPL072	85	'66705265_/_6215374'	10	10	10	1.024	10	10	5.52 No	1.024	Thermal Discharging
RPL072	86	'358561967_/_358562082'	10	10	10	1.024	1.5	10	5.52 No	1.024	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
				Voltage Deviation						VSR (MW)	Limiting Threshold
RPL072	87	'8121506_/8698388'		10	10	10	1.024	1.7	10	5.52 No	1.024 Thermal Discharging
RPL072	88	'7439261_/7439258_2'		10	10	10	1.024	1.5	10	5.52 No	1.024 Thermal Discharging
RPL072	89	'43868983_/6205244'		10	10	10	1.024	1.5	10	5.52 No	1.024 Thermal Discharging
RPL072	90	'8121507_/8121504'		10	10	10	1.024	1.7	10	5.52 No	1.024 Thermal Discharging
RPL072	91	'7439240_/7439238_2'		10	10	10	1.024	1.5	10	5.52 No	1.024 Thermal Discharging
RPL072	92	'7439417_/7439414'		10	10	10	1.024	5.5	10	5.52 No	1.024 Thermal Discharging
RPL072	93	'335100617_/6205267'		10	10	10	1.024	1.5	10	5.52 No	1.024 Thermal Discharging
RPL072	94	'8074480_/8074477'		10	10	10	1.024	1.9	10	5.52 No	1.024 Thermal Discharging
RPL072	95	'37961087_/9331402'		10	10	10	1.024	5.5	10	5.52 No	1.024 Thermal Discharging
RPL072	96	'37961080_/37961091'		10	10	10	1.024	5.5	10	5.52 No	1.024 Thermal Discharging
RPL072	97	'37961115_/37961119'		10	10	10	1.024	5.5	10	5.52 No	1.024 Thermal Discharging
RPL072	98	'37961101_/37961105'		10	10	10	1.024	5.5	10	5.52 No	1.024 Thermal Discharging
RPL072	99	'37961073_/37961077'		10	10	10	1.024	5.5	10	5.52 No	1.024 Thermal Discharging
RPL072	100	'43870049_/6208848_2'		10	10	10	1.024	1.5	10	5.52 No	1.024 Thermal Discharging
RPL072	101	'9018183_/9018181'		10	10	10	1.024	5.3	10	5.52 No	1.024 Thermal Discharging
RPL072	102	'358561987_/358561984'		10	10	10	1.024	1.5	10	5.52 No	1.024 Thermal Discharging
RPL072	103	'613602678_/43870051'		10	10	10	1.024	1.5	10	5.52 No	1.024 Thermal Discharging
RPL072	104	'7439437_/7439434'		10	10	10	1.024	5.5	10	5.52 No	1.024 Thermal Discharging
RPL072	105	'6205270_/335100619'		10	10	10	1.024	1.5	10	5.52 No	1.024 Thermal Discharging
RPL072	106	'7751922_/7751919_2'		10	10	10	1.024	1.5	10	5.52 No	1.024 Thermal Discharging
RPL072	107	'514423041_/514423079'		7.5	10	10	1.024	2.3	10	5.52 No	1.024 Thermal Discharging
RPL072	108	'358562007_/358562004'		10	10	10	1.024	1.5	10	5.52 No	1.024 Thermal Discharging
RPL072	109	'8388317_/8388354'		10	10	10	1.024	5.5	10	5.52 No	1.024 Thermal Discharging
RPL072	110	'43868996_/6205287'	6.67	6.67	6.67	0.68	1	6.67	3.68 No	0.68 Thermal Discharging	
RPL072	111	'8074442_/8387946'		10	10	10	1.024	1.9	10	5.52 No	1.024 Thermal Discharging
RPL072	112	'7751921_/7751919_1'		10	10	10	1.024	0.9	10	5.52 No	0.9 Element Fault
RPL072	113	'358562027_/358562024'		10	10	10	1.024	1.5	10	5.52 No	1.024 Thermal Discharging
RPL072	114	'358562289_/358562222_1'		10	10	10	1.024	0.9	10	5.52 No	0.9 Element Fault
RPL072	115	'43869008_/6205308'	6.67	6.67	6.67	0.68	1	6.67	3.68 No	0.68 Thermal Discharging	
RPL072	116	'358562203_/358562222_2'		9.1	10	10	1.024	0.9	10	5.52 No	0.9 Element Fault
RPL072	117	'8388316_/8388314'		10	10	10	1.024	5.5	10	5.52 No	1.024 Thermal Discharging
RPL072	118	'37961136_/9644505'		10	10	10	1.024	5.5	10	5.52 No	1.024 Thermal Discharging
RPL072	119	'37961129_/37961140'		10	10	10	1.024	5.5	10	5.52 No	1.024 Thermal Discharging
RPL072	120	'37961128_/37961126'		10	10	10	1.024	5.5	10	5.52 No	1.024 Thermal Discharging
RPL072	121	'37961164_/37961168'		10	10	10	1.024	5.5	10	5.52 No	1.024 Thermal Discharging
RPL072	122	'405017394_/405017391'		10	10	10	1.024	5.5	10	5.52 No	1.024 Thermal Discharging
RPL072	123	'50755848_/6205326'	4.87	6.67	6.67	0.68	1	6.67	3.68 No	0.68 Thermal Discharging	
RPL072	124	'6205344_/9015209_2'	4.87	6.67	6.67	0.68	1	6.67	3.68 No	0.68 Thermal Discharging	
RPL072	125	'7439396_/7439394'		9.5	10	10	1.024	5.3	10	5.52 No	1.024 Thermal Discharging
RPL072	126	'8697778_/8697776_2'	4.6	6.67	6.67	0.68	1	6.67	3.68 No	0.68 Thermal Discharging	
RPL072	127	'8388377_/9018201'		9.1	10	10	1.024	5.4	10	5.52 No	1.024 Thermal Discharging
RPL072	128	'8074441_/8074439'		6.4	10	10	1.024	1.9	10	5.52 No	1.024 Thermal Discharging
RPL072	129	'8388376_/8388374'		7.4	10	10	1.024	5.4	10	5.52 No	1.024 Thermal Discharging
RPL072	130	'37961199_/8698268'		6.5	10	10	1.024	5.4	10	5.52 No	1.024 Thermal Discharging
RPL072	131	'37961192_/37961203'		6.5	10	10	1.024	5.4	10	5.52 No	1.024 Thermal Discharging
RPL072	132	'37961227_/37961231'		6.5	10	10	1.024	5.4	10	5.52 No	1.024 Thermal Discharging
RPL072	133	'405017456_/405017453'		6.5	10	10	1.024	5.4	10	5.52 No	1.024 Thermal Discharging
RPL072	134	'37961185_/37961189'		6.5	10	10	1.024	5.4	10	5.52 No	1.024 Thermal Discharging
RPL072	135	'454413564_/454413568'		5.4	10	10	1.024	1.9	10	5.52 No	1.024 Thermal Discharging
RPL072	136	'9018223_/9018221'		6.2	10	10	1.024	5.3	10	5.52 No	1.024 Thermal Discharging
RPL072	137	'7489191_/8698248'		6.1	10	10	1.024	5.4	10	5.52 No	1.024 Thermal Discharging
RPL072	138	'514422977_/514423057'		3.5	10	10	1.024	2.3	10	5.52 No	1.024 Thermal Discharging
RPL072	139	'454413667_/454413723'		4.7	10	10	1.024	1.9	10	5.52 No	1.024 Thermal Discharging
RPL072	140	'7439063_/9015209_1'	3.07	6.67	6.67	0.68	0.6	6.67	3.68 No	0.6 Element Fault	
RPL072	141	'7489190_/7489188'		4.8	10	10	1.024	5.4	10	5.52 No	1.024 Thermal Discharging
RPL072	142	'9331685_/454413671'		4.3	10	10	1.024	1.9	10	5.52 No	1.024 Thermal Discharging
RPL072	143	'454413704_/454413644_2'		3.9	10	10	1.024	1.9	10	5.52 No	1.024 Thermal Discharging
RPL072	144	'454413640_/454413644_1'		3.9	10	10	1.024	1.9	10	5.52 No	1.024 Thermal Discharging
RPL072	145	'7439062_/7439060'	2.47	6.67	6.67	0.68	0.6	6.67	3.68 No	0.6 Element Fault	
RPL072	146	'553510860_/553510864'		3.7	10	10	1.024	1.9	10	5.52 No	1.024 Thermal Discharging
RPL072	147	'8697779_/8697776_1'	2.27	6.67	6.67	0.68	0.6	6.67	3.68 No	0.6 Element Fault	
RPL072	148	'9331066_/9644091'		1.87	6.67	6.67	0.68	0.6	6.67	3.68 No	0.6 Element Fault
RPL072	149	'9015193_/9015191_1'		1.87	6.67	6.67	0.68	0.6	6.67	3.68 No	0.6 Element Fault
RPL072	150	'553510892_/553510924'		2.7	10	10	1.024	1.9	10	5.52 No	1.024 Thermal Discharging
RPL072	151	'553510828_/553510908'		2.2	9.4	10	1.024	1.9	10	5.52 No	1.024 Thermal Discharging
RPL072	152	'450909027_/454413742'		2.1	9.1	10	1.024	1.9	10	5.52 No	1.024 Thermal Discharging
RPL072	153	'8074461_/8074459'	1.33	5.67	6.67	0.68	1.27	6.67	3.68 No	0.68 Thermal Discharging	
RPL072	154	'8387929_/118903861'		2	8.7	10	1.024	1.9	10	5.52 No	1.024 Thermal Discharging
RPL072	155	'8074462_/9644109'		2	8.7	10	1.024	1.9	10	5.52 No	1.024 Thermal Discharging
RPL072	156	'444626266_/444626270'		2	8.3	10	1.024	1.9	10	5.52 No	1.024 Thermal Discharging
RPL072	157	'444626393_/444626438'		2	8.3	10	1.024	1.9	10	5.52 No	1.024 Thermal Discharging
RPL072	158	'513240698_/513240721'		1.9	7.9	10	1.024	1.9	10	5.52 No	1.024 Thermal Discharging
RPL072	159	'8069666_/513240737'		1.8	7.5	10	1.024	1.9	10	5.52 No	1.024 Thermal Discharging
RPL072	160	'8697796_/8697794'		0.5	1.77	3.33	0.344	0.63	3.33	1.84 No	0.344 Thermal Discharging
RPL073	0	'RPL073_/9018475'		10	10	10	1.664	10	10	6.53 No	1.664 Thermal Discharging
RPL073	1	'9018477_/9018475'		10	10	10	1.664	10	10	6.53 No	1.664 Thermal Discharging
RPL073	2	'6211972_/6216174'		10	10	10	1.664	10	10	6.53 No	1.664 Thermal Discharging
RPL073	3	'6211973_/6211970'		10	10	10	1.664	10	10	6.53 No	1.664 Thermal Discharging
RPL073	4	'43868440_/6211987'		10	10	10	1.664	10	10	6.53 No	1.664 Thermal Discharging
RPL073	5	'6212010_/6212007'		10	10	10	1.664	10	10	6.53 No	1.664 Thermal Discharging
RPL073	6	'6213055_/6217515'		10	10	10	1.664	10	10	6.53 No	1.664 Thermal Discharging
RPL073	7	'6211530_/6213053'		10	10	10	1.664	10	10	6.53 No	1.664 Thermal Discharging
RPL073	8	'6201994_/6213036'		10	10	10	1.664	10	10	6.53 No	1.664 Thermal Discharging
RPL073	9	'6211531_/6211565_1'		10	10	10	1.664	1.5	10	6.53 No	1.5 Element Fault
RPL073	10	'6201977_/6201974_2'		10	10	10	1.664	4.6	10	6.53 No	1.664 Thermal Discharging
RPL073	11	'6211939_/6211953'		10	10	10	1.664	10	10	6.53 No	1.664 Thermal Discharging
RPL073	12	'6211443_/6211457_1'		10	10	10	1.664	1.5	10	6.53 No	1.5 Element Fault
RPL073	13	'617331177_/617331071_1'		10	10	10	1.664	1.5	10	6.53 No	1.5 Element Fault
RPL073	14	'67185793_/6211936'		10	10	10	1.664	10	10	6.53 No	1.664 Thermal Discharging
RPL073	15	'43870824_/6211565_2'		10	10	10	1.664	1.5	10	6.53 No	1.5 Element Fault
RPL073	16	'6211921_/6211919'		10	10	10	1.664	10	10	6.53 No	1.664 Thermal Discharging
RPL073	17	'67185887_/67185848_1'		10	10	10	1.664	1.5	10	6.53 No	1.5 Element Fault
RPL073	18	'43870775_/6211457_2'		10	10	10	1.664	1.5	10	6.53 No	1.5 Element Fault
RPL073	19	'7751784_/8738904_1'		10	10	10	1.664	1.5	10	6.53 No	1.5 Element Fault

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RPL073	20	'6201960_/6201974_1'	10	10	10	1.664	1.5	10	6.53 No	1.5	Element Fault
RPL073	21	'6220618_/7107028'	10	10	10	1.664	10	10	6.53 No	1.664	Thermal Discharging
RPL073	22	'617331074_/617331071_2'	10	10	10	1.664	1.5	10	6.53 No	1.5	Element Fault
RPL073	23	'51033353_/7440132_2'	6.67	6.67	6.67	1.112	2.9	6.67	4.35 No	1.112	Thermal Discharging
RPL073	24	'6220601_/6220615'	10	10	10	1.664	10	10	6.53 No	1.664	Thermal Discharging
RPL073	25	'43868414_/6201957'	10	10	10	1.664	1.5	10	6.53 No	1.5	Element Fault
RPL073	26	'6220600_/6220598'	10	10	10	1.664	10	10	6.53 No	1.664	Thermal Discharging
RPL073	27	'7440134_/7440132_1'	6.67	6.67	6.67	1.112	1	6.67	4.35 No	1	Element Fault
RPL073	28	'43870837_/6211585'	10	10	10	1.664	1.5	10	6.53 No	1.5	Element Fault
RPL073	29	'6221076_/6221090'	10	10	10	1.664	10	10	6.53 No	1.664	Thermal Discharging
RPL073	30	'8738907_/8738904_2'	10	10	10	1.664	1.5	10	6.53 No	1.5	Element Fault
RPL073	31	'6221059_/6221073'	10	10	10	1.664	10	10	6.53 No	1.664	Thermal Discharging
RPL073	32	'43870784_/6211474'	10	10	10	1.664	1.5	10	6.53 No	1.5	Element Fault
RPL073	33	'7440115_/7440112_2'	10	10	10	1.664	4.3	10	6.53 No	1.664	Thermal Discharging
RPL073	34	'7753060_/9331942_2'	10	10	10	1.664	4.4	10	6.53 No	1.664	Thermal Discharging
RPL073	35	'43868427_/6201940'	10	10	10	1.664	1.5	10	6.53 No	1.5	Element Fault
RPL073	36	'6221058_/6221056'	10	10	10	1.664	10	10	6.53 No	1.664	Thermal Discharging
RPL073	37	'8069965_/8069963_1'	3.33	3.33	3.33	0.552	0.5	3.33	2.18 No	0.5	Element Fault
RPL073	38	'6222314_/6222345'	10	10	10	1.664	10	10	6.53 No	1.664	Thermal Discharging
RPL073	39	'7753099_/502996407_2'	10	10	10	1.664	4.3	10	6.53 No	1.664	Thermal Discharging
RPL073	40	'43870850_/6211545'	10	10	10	1.664	1.5	10	6.53 No	1.5	Element Fault
RPL073	41	'43872329_/6222328'	10	10	10	1.664	10	10	6.53 No	1.664	Thermal Discharging
RPL073	42	'6222297_/6222311'	10	10	10	1.664	10	10	6.53 No	1.664	Thermal Discharging
RPL073	43	'6220549_/6220547_1'	10	10	10	1.664	10	10	6.53 No	1.664	Thermal Discharging
RPL073	44	'43868426_/6201923'	10	10	10	1.664	1.5	10	6.53 No	1.5	Element Fault
RPL073	45	'617331091_/617331088'	10	10	10	1.664	1.5	10	6.53 No	1.5	Element Fault
RPL073	46	'6220550_/6220547_2'	10	10	10	1.664	10	10	6.53 No	1.664	Thermal Discharging
RPL073	47	'6222277_/6222294'	10	10	10	1.664	10	10	6.53 No	1.664	Thermal Discharging
RPL073	48	'43870797_/6211491'	10	10	10	1.664	1.5	10	6.53 No	1.5	Element Fault
RPL073	49	'9331944_/9331942_1'	10	10	10	1.664	1.6	10	6.53 No	1.6	Element Fault
RPL073	50	'53813025_/53812997_2'	10	10	10	1.664	5.3	10	6.53 No	1.664	Thermal Discharging
RPL073	51	'8069966_/8069963_2'	3.33	3.33	3.33	0.552	0.5	3.33	2.18 No	0.5	Element Fault
RPL073	52	'6222174_/6222274'	10	10	10	1.664	10	10	6.53 No	1.664	Thermal Discharging
RPL073	53	'67185837_/67185848_2'	10	10	10	1.664	1.5	10	6.53 No	1.5	Element Fault
RPL073	54	'6220567_/6220564'	10	10	10	1.664	10	10	6.53 No	1.664	Thermal Discharging
RPL073	55	'6211548_/43870852'	10	10	10	1.664	1.5	10	6.53 No	1.5	Element Fault
RPL073	56	'66705489_/43873009'	10	10	10	1.664	10	10	6.53 No	1.664	Thermal Discharging
RPL073	57	'6222175_/6222189_1'	10	10	10	1.664	1.5	10	6.53 No	1.5	Element Fault
RPL073	58	'6211511_/43870799'	10	10	10	1.664	1.5	10	6.53 No	1.5	Element Fault
RPL073	59	'6220584_/6220581'	10	10	10	1.664	10	10	6.53 No	1.664	Thermal Discharging
RPL073	60	'72555747_/6222257'	10	10	10	1.664	10	10	6.53 No	1.664	Thermal Discharging
RPL073	61	'9332144_/53812997_1'	10	10	10	1.664	1.5	10	6.53 No	1.5	Element Fault
RPL073	62	'43872994_/43872996'	10	10	10	1.664	10	10	6.53 No	1.664	Thermal Discharging
RPL073	63	'43872407_/6220649'	10	10	10	1.664	10	10	6.53 No	1.664	Thermal Discharging
RPL073	64	'6222243_/6222240_2'	10	10	10	1.664	10	10	6.53 No	1.664	Thermal Discharging
RPL073	65	'6222226_/6222240_1'	10	10	10	1.664	10	10	6.53 No	1.664	Thermal Discharging
RPL073	66	'398829329_/398829331'	10	10	10	1.664	10	10	6.53 No	1.664	Thermal Discharging
RPL073	67	'6202400_/6220632'	10	10	10	1.664	10	10	6.53 No	1.664	Thermal Discharging
RPL073	68	'6220672_/6220669'	10	10	10	1.664	10	10	6.53 No	1.664	Thermal Discharging
RPL073	69	'6220431_/6222223'	10	10	10	1.664	10	10	6.53 No	1.664	Thermal Discharging
RPL073	70	'617331108_/617331105'	10	10	10	1.664	1.5	10	6.53 No	1.5	Element Fault
RPL073	71	'8388899_/8388916_1'	10	10	10	1.664	1.5	10	6.53 No	1.5	Element Fault
RPL073	72	'7440114_/7440112_1'	10	10	10	1.664	1.5	10	6.53 No	1.5	Element Fault
RPL073	73	'617331218_/617331200_1'	10	10	10	1.664	0.9	10	6.53 No	0.9	Element Fault
RPL073	74	'6202401_/6202398'	10	10	10	1.664	10	10	6.53 No	1.664	Thermal Discharging
RPL073	75	'6224227_/6220689'	10	10	10	1.664	10	10	6.53 No	1.664	Thermal Discharging
RPL073	76	'615330457_/615330461'	10	10	10	1.664	10	10	6.53 No	1.664	Thermal Discharging
RPL073	77	'6219441_/6224241'	10	10	10	1.664	10	10	6.53 No	1.664	Thermal Discharging
RPL073	78	'615330977_/615330851_2'	10	10	10	1.664	10	10	6.53 No	1.664	Thermal Discharging
RPL073	79	'413392264_/6219456_2'	10	10	10	1.664	4.7	10	6.53 No	1.664	Thermal Discharging
RPL073	80	'6220709_/6220706'	10	10	10	1.664	10	10	6.53 No	1.664	Thermal Discharging
RPL073	81	'51032575_/8699180_1'	10	10	10	1.664	1.5	10	6.53 No	1.5	Element Fault
RPL073	82	'6202509_/6202506'	10	10	10	1.664	10	10	6.53 No	1.664	Thermal Discharging
RPL073	83	'618089596_/618089593'	3.33	3.33	3.33	0.552	0.5	3.33	2.18 No	0.5	Element Fault
RPL073	84	'413392233_/7147911_1'	10	10	10	1.664	1.5	10	6.53 No	1.5	Element Fault
RPL073	85	'9332204_/502996407_1'	10	10	10	1.664	0.9	10	6.53 No	0.9	Element Fault
RPL073	86	'8388919_/8388916_2'	10	10	10	1.664	1.5	10	6.53 No	1.5	Element Fault
RPL073	87	'8698906_/8698904_1'	10	10	10	1.664	1.5	10	6.53 No	1.5	Element Fault
RPL073	88	'617331159_/617331200_2'	10	10	10	1.664	0.9	10	6.53 No	0.9	Element Fault
RPL073	89	'53813059_/53813029_1'	10	10	10	1.664	1.5	10	6.53 No	1.5	Element Fault
RPL073	90	'6220726_/6220723'	10	10	10	1.664	10	10	6.53 No	1.664	Thermal Discharging
RPL073	91	'64417635_/64417588_1'	10	10	10	1.664	1.5	10	6.53 No	1.5	Element Fault
RPL073	92	'43872420_/6220740'	10	10	10	1.664	10	10	6.53 No	1.664	Thermal Discharging
RPL073	93	'6219373_/6222189_2'	10	10	10	1.664	1.5	10	6.53 No	1.5	Element Fault
RPL073	94	'7183419_/43873022_1'	10	10	10	1.664	0.9	10	6.53 No	0.9	Element Fault
RPL073	95	'7183456_/7183468_1'	10	10	10	1.664	0.9	10	6.53 No	0.9	Element Fault
RPL073	96	'43872868_/7147911_2'	10	10	10	1.664	1.5	10	6.53 No	1.5	Element Fault
RPL073	97	'6219458_/6219456_1'	10	10	10	1.664	1.5	10	6.53 No	1.5	Element Fault
RPL073	98	'7183439_/43873022_2'	10	10	10	1.664	0.9	10	6.53 No	0.9	Element Fault
RPL073	99	'7183471_/7183468_2'	10	10	10	1.664	0.9	10	6.53 No	0.9	Element Fault
RPL073	100	'6221127_/6221290'	10	10	10	1.664	4.9	10	6.53 No	1.664	Thermal Discharging
RPL073	101	'615330689_/615330851_1'	10	10	10	1.664	10	10	6.53 No	1.664	Thermal Discharging
RPL073	102	'615330678_/615330687'	10	10	10	1.664	10	10	6.53 No	1.664	Thermal Discharging
RPL073	103	'615330695_/615330693'	10	10	10	1.664	10	10	6.53 No	1.664	Thermal Discharging
RPL073	104	'8070177_/8699180_2'	10	10	10	1.664	1.5	10	6.53 No	1.5	Element Fault
RPL073	105	'119115874_/119115846_1'	10	10	10	1.664	1.6	10	6.53 No	1.6	Element Fault
RPL073	106	'615330683_/615330681'	10	10	10	1.664	10	10	6.53 No	1.664	Thermal Discharging
RPL073	107	'615330677_/615330675'	10	10	10	1.664	4.7	10	6.53 No	1.664	Thermal Discharging
RPL073	108	'8698907_/8698904_2'	10	10	10	1.664	1.5	10	6.53 No	1.5	Element Fault
RPL073	109	'6221249_/6221247'	10	10	10	1.664	1.5	10	6.53 No	1.5	Element Fault
RPL073	110	'43872886_/43872870'	10	10	10	1.664	1.5	10	6.53 No	1.5	Element Fault
RPL073	111	'615331246_/615330887_2'	10	10	10	1.664	10	10	6.53 No	1.664	Thermal Discharging
RPL073	112	'6221921_/615330887_1'	10	10	10	1.664	10	10	6.53 No	1.664	Thermal Discharging
RPL073	113	'609420106_/6221919'	10	10	10	1.664	10	10	6.53 No	1.664	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RPL073	114	'6219301_/6219371'		10	10	10	1.664	1.5	10	6.53 No	1.5 Element Fault
RPL073	115	'609420127_/609420104_1'		10	10	10	1.664	1.2	10	6.53 No	1.2 Element Fault
RPL073	116	'103992340_/103992337'		10	10	10	1.664	0.9	10	6.53 No	0.9 Element Fault
RPL073	117	'6221942_/609420186'		10	10	10	1.664	10	10	6.53 No	1.664 Thermal Discharging
RPL073	118	'8070178_/8070175'		10	10	10	1.664	1.5	10	6.53 No	1.5 Element Fault
RPL073	119	'6222118_/6222115'		10	10	10	1.664	10	10	6.53 No	1.664 Thermal Discharging
RPL073	120	'8070001_/8069999_1'		10	10	10	1.664	1.5	10	6.53 No	1.5 Element Fault
RPL073	121	'6221867_/6221956'		10	10	10	1.664	10	10	6.53 No	1.664 Thermal Discharging
RPL073	122	'119115835_/119115846_2'		10	10	10	1.664	1.6	10	6.53 No	1.6 Element Fault
RPL073	123	'6220447_/6221973'		10	10	10	1.664	10	10	6.53 No	1.664 Thermal Discharging
RPL073	124	'6221868_/6221882_1'		10	10	10	1.664	2.5	10	6.53 No	1.664 Thermal Discharging
RPL073	125	'6202610_/6220445'		10	10	10	1.664	10	10	6.53 No	1.664 Thermal Discharging
RPL073	126	'44062484_/43872892'		10	10	10	1.664	1.5	10	6.53 No	1.5 Element Fault
RPL073	127	'615330808_/615330824'		10	10	10	1.664	4.7	10	6.53 No	1.664 Thermal Discharging
RPL073	128	'6219302_/43872294'		10	10	10	1.664	1.5	10	6.53 No	1.5 Element Fault
RPL073	129	'6219264_/6219354'		10	10	10	1.664	1.5	10	6.53 No	1.5 Element Fault
RPL073	130	'43872856_/43872858'		10	10	10	1.664	1.5	10	6.53 No	1.5 Element Fault
RPL073	131	'6202611_/6202608'		10	10	10	1.664	10	10	6.53 No	1.664 Thermal Discharging
RPL073	132	'6220325_/6221161_1'		10	10	10	1.664	2.4	10	6.53 No	1.664 Thermal Discharging
RPL073	133	'9019204_/9645613_1'		10	10	10	1.664	1.5	10	6.53 No	1.5 Element Fault
RPL073	134	'6202628_/6202625'		10	10	10	1.664	10	10	6.53 No	1.664 Thermal Discharging
RPL073	135	'43872942_/6221882_2'		10	10	10	1.664	2.5	10	6.53 No	1.664 Thermal Discharging
RPL073	136	'6221885_/9645339_2'		10	10	10	1.664	2.5	10	6.53 No	1.664 Thermal Discharging
RPL073	137	'8698963_/615331097'		10	10	10	1.664	4.7	10	6.53 No	1.664 Thermal Discharging
RPL073	138	'6220308_/6221161_2'		10	10	10	1.664	2.4	10	6.53 No	1.664 Thermal Discharging
RPL073	139	'6202645_/6202642'		10	10	10	1.664	10	10	6.53 No	1.664 Thermal Discharging
RPL073	140	'8070002_/8069999_2'		10	10	10	1.664	1.5	10	6.53 No	1.5 Element Fault
RPL073	141	'49148298_/9645591_1'		10	10	10	1.664	1.5	10	6.53 No	1.5 Element Fault
RPL073	142	'66705369_/6202659_1'		10	10	10	1.664	10	10	6.53 No	1.664 Thermal Discharging
RPL073	143	'6202662_/6202659_2'		10	10	10	1.664	10	10	6.53 No	1.664 Thermal Discharging
RPL073	144	'7753483_/7753481_1'		10	10	10	1.664	10	10	6.53 No	1.664 Thermal Discharging
RPL073	145	'6219265_/6219262'		10	10	10	1.664	1.5	10	6.53 No	1.5 Element Fault
RPL073	146	'111417341_/43872344'		10	10	10	1.664	1.5	10	6.53 No	1.5 Element Fault
RPL073	147	'6226125_/6226122'	6.67		6.67	6.67	1.112	1	6.67	4.35 No	1 Element Fault
RPL073	148	'6219282_/6219319'		10	10	10	1.664	1.5	10	6.53 No	1.5 Element Fault
RPL073	149	'107577656_/107577627'		10	10	10	1.664	1.5	10	6.53 No	1.5 Element Fault
RPL073	150	'8069982_/9645591_2'		10	10	10	1.664	1.5	10	6.53 No	1.5 Element Fault
RPL073	151	'657552814_/657552891'		10	10	10	1.664	1.5	10	6.53 No	1.5 Element Fault
RPL073	152	'6219281_/6219279'		10	10	10	1.664	1.5	10	6.53 No	1.5 Element Fault
RPL073	153	'6222581_/6222578'	6.67		6.67	6.67	1.112	1	6.67	4.35 No	1 Element Fault
RPL073	154	'6219339_/6219336'	6.67		6.67	6.67	1.112	1	6.67	4.35 No	1 Element Fault
RPL073	155	'6219535_/6220306'		10	10	10	1.664	2.4	10	6.53 No	1.664 Thermal Discharging
RPL073	156	'8389078_/9645613_2'		10	10	10	1.664	1.5	10	6.53 No	1.5 Element Fault
RPL073	157	'470760612_/470760556_1'		10	10	10	1.664	1.6	10	6.53 No	1.6 Element Fault
RPL073	158	'9645342_/9645339_1'		10	10	10	1.664	1.7	10	6.53 No	1.664 Thermal Discharging
RPL073	159	'657552832_/8389076'		10	10	10	1.664	1.5	10	6.53 No	1.5 Element Fault
RPL073	160	'9332004_/470760556_2'		10	10	10	1.664	1.6	10	6.53 No	1.6 Element Fault
RPL073	161	'657552964_/657552875_1'		10	10	10	1.664	1.5	10	6.53 No	1.5 Element Fault
RPL073	162	'6219536_/6219533'	3.33		3.33	3.33	0.552	0.8	3.33	2.18 No	0.552 Thermal Discharging
RPL073	163	'7753484_/7753481_2'		10	10	10	1.664	10	10	6.53 No	1.664 Thermal Discharging
RPL073	164	'37962039_/37962043'		10	10	10	1.664	10	10	6.53 No	1.664 Thermal Discharging
RPL073	165	'444515842_/6219546'	3.33		3.33	3.33	0.552	0.8	3.33	2.18 No	0.552 Thermal Discharging
RPL073	166	'7751881_/64417588_2'		10	10	10	1.664	1.5	10	6.53 No	1.5 Element Fault
RPL073	167	'6219549_/444515844'	3.33		3.33	3.33	0.552	0.8	3.33	2.18 No	0.552 Thermal Discharging
RPL073	168	'9019224_/9332480_2'		10	10	10	1.664	10	10	6.53 No	1.664 Thermal Discharging
RPL073	169	'6202753_/9332480_1'		10	10	10	1.664	10	10	6.53 No	1.664 Thermal Discharging
RPL073	170	'43872780_/6202767'		10	10	10	1.664	10	10	6.53 No	1.664 Thermal Discharging
RPL073	171	'6202733_/6202750'		10	10	10	1.664	10	10	6.53 No	1.664 Thermal Discharging
RPL073	172	'370170658_/370170626_1'		10	10	10	1.664	1.5	10	6.53 No	1.5 Element Fault
RPL073	173	'401664834_/401664842'		10	10	10	1.664	10	10	6.53 No	1.664 Thermal Discharging
RPL073	174	'6202716_/6202730'		10	10	10	1.664	10	10	6.53 No	1.664 Thermal Discharging
RPL073	175	'6202316_/6202713'		10	10	10	1.664	10	10	6.53 No	1.664 Thermal Discharging
RPL073	176	'7751882_/7751879'		10	10	10	1.664	1.5	10	6.53 No	1.5 Element Fault
RPL073	177	'275393651_/270021277_1'	3.7		10	10	1.664	1.6	10	6.53 No	1.6 Element Fault
RPL073	178	'43871713_/43871715'		10	10	10	1.664	10	10	6.53 No	1.664 Thermal Discharging
RPL073	179	'43871726_/401664876'		10	10	10	1.664	5.2	10	6.53 No	1.664 Thermal Discharging
RPL073	180	'6202577_/6202784'		10	10	10	1.664	5.2	10	6.53 No	1.664 Thermal Discharging
RPL073	181	'6202282_/6202296_2'		10	10	10	1.664	10	10	6.53 No	1.664 Thermal Discharging
RPL073	182	'43871700_/6202296_1'		10	10	10	1.664	10	10	6.53 No	1.664 Thermal Discharging
RPL073	183	'413420913_/69812102_2'		10	10	10	1.664	4.8	10	6.53 No	1.664 Thermal Discharging
RPL073	184	'9018893_/470760567'		10	10	10	1.664	1.6	10	6.53 No	1.6 Element Fault
RPL073	185	'6202560_/6202574'		10	10	10	1.664	5.2	10	6.53 No	1.664 Thermal Discharging
RPL073	186	'370170559_/370170626_2'		10	10	10	1.664	1.5	10	6.53 No	1.5 Element Fault
RPL073	187	'6202265_/6202279'		10	10	10	1.664	10	10	6.53 No	1.664 Thermal Discharging
RPL073	188	'6226760_/6226774_1'		10	10	10	1.664	2.7	10	6.53 No	1.664 Thermal Discharging
RPL073	189	'69812091_/69812102_1'		10	10	10	1.664	2.4	10	6.53 No	1.664 Thermal Discharging
RPL073	190	'6202384_/6202381'		10	10	10	1.664	10	10	6.53 No	1.664 Thermal Discharging
RPL073	191	'43872731_/6223614'		10	10	10	1.664	10	10	6.53 No	1.664 Thermal Discharging
RPL073	192	'43871739_/6226245'		10	10	10	1.664	2.4	10	6.53 No	1.664 Thermal Discharging
RPL073	193	'416851687_/6223631'		10	10	10	1.664	10	10	6.53 No	1.664 Thermal Discharging
RPL073	194	'436848708_/416851691'		10	10	10	1.664	10	10	6.53 No	1.664 Thermal Discharging
RPL073	195	'436848832_/436848767_1'		10	10	10	1.664	1.5	10	6.53 No	1.5 Element Fault
RPL073	196	'6223634_/436848710'		10	10	10	1.664	10	10	6.53 No	1.664 Thermal Discharging
RPL073	197	'8111544_/9018891'	8.3		10	10	1.664	1.6	10	6.53 No	1.6 Element Fault
RPL073	198	'416851815_/416851748_2'		10	10	10	1.664	5.4	10	6.53 No	1.664 Thermal Discharging
RPL073	199	'6223651_/6223648'		10	10	10	1.664	10	10	6.53 No	1.664 Thermal Discharging
RPL073	200	'6223668_/6223665'		10	10	10	1.664	10	10	6.53 No	1.664 Thermal Discharging
RPL073	201	'416851729_/416851748_1'		10	10	10	1.664	1.6	10	6.53 No	1.6 Element Fault
RPL073	202	'385230977_/385230884_1'		10	10	10	1.664	1.5	10	6.53 No	1.5 Element Fault
RPL073	203	'7147259_/6223685'		10	10	10	1.664	10	10	6.53 No	1.664 Thermal Discharging
RPL073	204	'6221229_/6226774_2'		10	10	10	1.664	2.7	10	6.53 No	1.664 Thermal Discharging
RPL073	205	'436848748_/436848767_2'		10	10	10	1.664	1.5	10	6.53 No	1.5 Element Fault
RPL073	206	'6225992_/7147273'		10	10	10	1.664	10	10	6.53 No	1.664 Thermal Discharging
RPL073	207	'6225941_/6225990'		10	10	10	1.664	10	10	6.53 No	1.664 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RPL073	208	'43872767_/43871741'		10	10	10	1.664	2.4	10	6.53 No	1.664 Thermal Discharging
RPL073	209	'49158879_/8389016_2'		10	10	10	1.664	2.4	10	6.53 No	1.664 Thermal Discharging
RPL073	210	'54413787_/8111542'		6.7	10	10	1.664	1.6	10	6.53 No	1.6 Element Fault
RPL073	211	'8389019_/8389016_1'		10	10	10	1.664	1.6	10	6.53 No	1.6 Element Fault
RPL073	212	'385230865_/385230884_2'		10	10	10	1.664	1.5	10	6.53 No	1.5 Element Fault
RPL073	213	'6221230_/43871845'		10	10	10	1.664	2.7	10	6.53 No	1.664 Thermal Discharging
RPL073	214	'54413852_/54413859'		5.7	10	10	1.664	1.6	10	6.53 No	1.6 Element Fault
RPL073	215	'54413818_/54413880'		5.1	10	10	1.664	1.6	10	6.53 No	1.6 Element Fault
RPL073	216	'8111545_/54413820'		3.7	10	10	1.664	1.6	10	6.53 No	1.6 Element Fault
RPL073	217	'7148965_/7148978_1'		3.33	3.33	3.33	0.552	0.5	3.33	2.18 No	0.5 Element Fault
RPL073	218	'7148981_/7148978_2'		3.33	3.33	3.33	0.552	0.5	3.33	2.18 No	0.5 Element Fault
RPL074	0	'RPL074_/9331602'		10	10	10	2.232	10	10	5.77 No	2.232 Thermal Discharging
RPL074	1	'7752645_/9331602'		10	10	10	2.232	10	10	5.77 No	2.232 Thermal Discharging
RPL074	2	'7439676_/7752643'		10	10	10	2.232	10	10	5.77 No	2.232 Thermal Discharging
RPL074	3	'7439677_/7439674'		10	10	10	2.232	10	10	5.77 No	2.232 Thermal Discharging
RPL074	4	'7752726_/7752723'		10	10	10	2.232	10	10	5.77 No	2.232 Thermal Discharging
RPL074	5	'7752786_/7752783'		10	10	10	2.232	10	10	5.77 No	2.232 Thermal Discharging
RPL074	6	'9018597_/9018595'		10	10	10	2.232	10	10	5.77 No	2.232 Thermal Discharging
RPL074	7	'37961451_/37961448'		10	10	10	2.232	10	10	5.77 No	2.232 Thermal Discharging
RPL074	8	'471151760_/471151757'		10	10	10	2.232	10	10	5.77 No	2.232 Thermal Discharging
RPL074	9	'7439736_/7439734'		10	10	10	2.232	10	10	5.77 No	2.232 Thermal Discharging
RPL074	10	'7752765_/7752763'		10	10	10	2.232	10	10	5.77 No	2.232 Thermal Discharging
RPL074	11	'37960296_/9331278'		10	10	10	2.232	10	10	5.77 No	2.232 Thermal Discharging
RPL074	12	'405016397_/37960293'		10	10	10	2.232	10	10	5.77 No	2.232 Thermal Discharging
RPL074	13	'37959630_/38000219'		10	10	10	2.232	10	10	5.77 No	2.232 Thermal Discharging
RPL074	14	'37960282_/37960279'		10	10	10	2.232	10	10	5.77 No	2.232 Thermal Discharging
RPL074	15	'37959623_/38000212'		10	10	10	2.232	2.5	10	5.77 No	2.232 Thermal Discharging
RPL074	16	'114696376_/7749941_2'		10	10	10	2.232	10	10	5.77 No	2.232 Thermal Discharging
RPL074	17	'6152233_/7749941_1'		10	10	10	2.232	10	10	5.77 No	2.232 Thermal Discharging
RPL074	18	'6152232_/6152230'		10	10	10	2.232	10	10	5.77 No	2.232 Thermal Discharging
RPL074	19	'7105924_/7105992'		10	10	10	2.232	10	10	5.77 No	2.232 Thermal Discharging
RPL074	20	'6152315_/6152346'		10	10	10	2.232	10	10	5.77 No	2.232 Thermal Discharging
RPL074	21	'8696625_/9013929_1'		10	10	10	2.232	1.5	10	5.77 No	1.5 Element Fault
RPL074	22	'6146025_/6146023_1'		6.67	6.67	6.67	1.488	1	6.67	3.85 No	1 Element Fault
RPL074	23	'6152249_/6152329'		10	10	10	2.232	10	10	5.77 No	2.232 Thermal Discharging
RPL074	24	'9013932_/9013929_2'		10	10	10	2.232	1.5	10	5.77 No	1.5 Element Fault
RPL074	25	'6149551_/6152295'		10	10	10	2.232	10	10	5.77 No	2.232 Thermal Discharging
RPL074	26	'6152250_/6152280_1'		6.67	6.67	6.67	1.488	1	6.67	3.85 No	1 Element Fault
RPL074	27	'9013561_/9013559_2'		10	10	10	2.232	5.3	10	5.77 No	2.232 Thermal Discharging
RPL074	28	'6140299_/6149548'		10	10	10	2.232	10	10	5.77 No	2.232 Thermal Discharging
RPL074	29	'6140300_/6146831_1'		10	10	10	2.232	3.5	10	5.77 No	2.232 Thermal Discharging
RPL074	30	'6149517_/6149531'		10	10	10	2.232	10	10	5.77 No	2.232 Thermal Discharging
RPL074	31	'9013562_/9013559_1'		10	10	10	2.232	1.5	10	5.77 No	1.5 Element Fault
RPL074	32	'6152267_/6152280_2'		6.67	6.67	6.67	1.488	1	6.67	3.85 No	1 Element Fault
RPL074	33	'6149500_/6149514'		10	10	10	2.232	10	10	5.77 No	2.232 Thermal Discharging
RPL074	34	'467305963_/467305967'		10	10	10	2.232	10	10	5.77 No	2.232 Thermal Discharging
RPL074	35	'342292281_/342292287'		10	10	10	2.232	10	10	5.77 No	2.232 Thermal Discharging
RPL074	36	'6140242_/6149497'		10	10	10	2.232	10	10	5.77 No	2.232 Thermal Discharging
RPL074	37	'342291944_/341855738'		10	10	10	2.232	10	10	5.77 No	2.232 Thermal Discharging
RPL074	38	'342291945_/342291942'		10	10	10	2.232	10	10	5.77 No	2.232 Thermal Discharging
RPL074	39	'342291952_/342291950'		10	10	10	2.232	10	10	5.77 No	2.232 Thermal Discharging
RPL074	40	'342291960_/342291958'		10	10	10	2.232	4.7	10	5.77 No	2.232 Thermal Discharging
RPL074	41	'342291968_/342291966'		10	10	10	2.232	4.7	10	5.77 No	2.232 Thermal Discharging
RPL074	42	'6149482_/6149480'		10	10	10	2.232	10	10	5.77 No	2.232 Thermal Discharging
RPL074	43	'6142470_/6146023_2'		6.67	6.67	6.67	1.488	1	6.67	3.85 No	1 Element Fault
RPL074	44	'578140547_/578140523_1'		10	10	10	2.232	1.5	10	5.77 No	1.5 Element Fault
RPL074	45	'7439301_/9369554'		10	10	10	2.232	2.5	10	5.77 No	2.232 Thermal Discharging
RPL074	46	'467305923_/467305900_1'		3.33	3.33	3.33	0.744	0.5	3.33	1.92 No	0.5 Element Fault
RPL074	47	'342292229_/341855713'		10	10	10	2.232	10	10	5.77 No	2.232 Thermal Discharging
RPL074	48	'43857555_/6146831_2'		10	10	10	2.232	3.5	10	5.77 No	2.232 Thermal Discharging
RPL074	49	'468881434_/6149934'		10	10	10	2.232	10	10	5.77 No	2.232 Thermal Discharging
RPL074	50	'467306208_/467305997_2'		10	10	10	2.232	10	10	5.77 No	2.232 Thermal Discharging
RPL074	51	'341855765_/341855851'		10	10	10	2.232	4.7	10	5.77 No	2.232 Thermal Discharging
RPL074	52	'341855809_/341855910'		10	10	10	2.232	4.7	10	5.77 No	2.232 Thermal Discharging
RPL074	53	'6146292_/467305997_1'		10	10	10	2.232	10	10	5.77 No	2.232 Thermal Discharging
RPL074	54	'468881256_/467305900_2'		3.33	3.33	3.33	0.744	0.5	3.33	1.92 No	0.5 Element Fault
RPL074	55	'57274660_/57274666'		10	10	10	2.232	4.7	10	5.77 No	2.232 Thermal Discharging
RPL074	56	'467306122_/6146307_1'		10	10	10	2.232	1.5	10	5.77 No	1.5 Element Fault
RPL074	57	'6152268_/6152265'		6.67	6.67	6.67	1.488	1	6.67	3.85 No	1 Element Fault
RPL074	58	'6146793_/6149971'		10	10	10	2.232	10	10	5.77 No	2.232 Thermal Discharging
RPL074	59	'342291296_/342291300'		10	10	10	2.232	10	10	5.77 No	2.232 Thermal Discharging
RPL074	60	'6142471_/6142468'		6.67	6.67	6.67	1.488	1	6.67	3.85 No	1 Element Fault
RPL074	61	'342291243_/342291339'		10	10	10	2.232	10	10	5.77 No	2.232 Thermal Discharging
RPL074	62	'6149920_/6149954'		10	10	10	2.232	10	10	5.77 No	2.232 Thermal Discharging
RPL074	63	'7437506_/7749905_2'		10	10	10	2.232	4.3	10	5.77 No	2.232 Thermal Discharging
RPL074	64	'6146310_/6146307_2'		10	10	10	2.232	1.5	10	5.77 No	1.5 Element Fault
RPL074	65	'7437490_/7437488_1'		3.33	3.33	3.33	0.744	0.5	3.33	1.92 No	0.5 Element Fault
RPL074	66	'8698590_/342291249_1'		10	10	10	2.232	10	10	5.77 No	2.232 Thermal Discharging
RPL074	67	'6216978_/342291249_2'		10	10	10	2.232	10	10	5.77 No	2.232 Thermal Discharging
RPL074	68	'56066987_/6216992'		10	10	10	2.232	10	10	5.77 No	2.232 Thermal Discharging
RPL074	69	'578140507_/578140523_2'		10	10	10	2.232	1.5	10	5.77 No	1.5 Element Fault
RPL074	70	'43856301_/6149917'		10	10	10	2.232	10	10	5.77 No	2.232 Thermal Discharging
RPL074	71	'6216995_/56066989'		10	10	10	2.232	10	10	5.77 No	2.232 Thermal Discharging
RPL074	72	'64732884_/6216975'		10	10	10	2.232	10	10	5.77 No	2.232 Thermal Discharging
RPL074	73	'412794401_/412794403'		10	10	10	2.232	10	10	5.77 No	2.232 Thermal Discharging
RPL074	74	'7752806_/7752803_2'		10	10	10	2.232	5.3	10	5.77 No	2.232 Thermal Discharging
RPL074	75	'6139701_/6149463'		10	10	10	2.232	10	10	5.77 No	2.232 Thermal Discharging
RPL074	76	'43857568_/6146868'		10	10	10	2.232	3.5	10	5.77 No	2.232 Thermal Discharging
RPL074	77	'66038403_/6217098'		10	10	10	2.232	10	10	5.77 No	2.232 Thermal Discharging
RPL074	78	'6216961_/64732887'		10	10	10	2.232	10	10	5.77 No	2.232 Thermal Discharging
RPL074	79	'9013642_/9642211_1'		3.33	3.33	3.33	0.744	0.5	3.33	1.92 No	0.5 Element Fault
RPL074	80	'6149432_/6149446'		10	10	10	2.232	10	10	5.77 No	2.232 Thermal Discharging
RPL074	81	'9329143_/9329140'		3.33	3.33	3.33	0.744	0.5	3.33	1.92 No	0.5 Element Fault
RPL074	82	'7439777_/7439774_2'		10	10	10	2.232	5.3	10	5.77 No	2.232 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RPL074	83	'6149415_/6149429'	10	10	10	2.232	10	10	5.77 No	2.232	Thermal Discharging
RPL074	84	'43856325_/6146324'	10	10	10	2.232	1.5	10	5.77 No	1.5	Element Fault
RPL074	85	'6221644_/7107096'	10	10	10	2.232	10	10	5.77 No	2.232	Thermal Discharging
RPL074	86	'57274685_/57274858'	10	10	10	2.232	4.7	10	5.77 No	2.232	Thermal Discharging
RPL074	87	'8111525_/341855769'	10	10	10	2.232	4.7	10	5.77 No	2.232	Thermal Discharging
RPL074	88	'43856277_/6149412'	10	10	10	2.232	10	10	5.77 No	2.232	Thermal Discharging
RPL074	89	'7440184_/7440182_1'	10	10	10	2.232	1.5	10	5.77 No	1.5	Element Fault
RPL074	90	'43871584_/43871586'	10	10	10	2.232	10	10	5.77 No	2.232	Thermal Discharging
RPL074	91	'463140764_/43856327'	10	10	10	2.232	1.5	10	5.77 No	1.5	Element Fault
RPL074	92	'6139785_/6149395'	10	10	10	2.232	10	10	5.77 No	2.232	Thermal Discharging
RPL074	93	'55608611_/6202364_1'	10	10	10	2.232	10	10	5.77 No	2.232	Thermal Discharging
RPL074	94	'6149364_/6149378'	10	10	10	2.232	10	10	5.77 No	2.232	Thermal Discharging
RPL074	95	'55608576_/6202364_2'	10	10	10	2.232	10	10	5.77 No	2.232	Thermal Discharging
RPL074	96	'43856351_/6139699'	3.33	3.33	3.33	0.744	0.9	3.33	1.92 No	0.744	Thermal Discharging
RPL074	97	'6146853_/6146888'	10	10	10	2.232	3.5	10	5.77 No	2.232	Thermal Discharging
RPL074	98	'6139786_/6139796_1'	3.33	3.33	3.33	0.744	0.5	3.33	1.92 No	0.5	Element Fault
RPL074	99	'7752805_/7752803_1'	10	10	10	2.232	1.5	10	5.77 No	1.5	Element Fault
RPL074	100	'66038482_/66038454'	10	10	10	2.232	4.7	10	5.77 No	2.232	Thermal Discharging
RPL074	101	'43856264_/6149361'	10	10	10	2.232	10	10	5.77 No	2.232	Thermal Discharging
RPL074	102	'66038515_/66038496_1'	10	10	10	2.232	1.5	10	5.77 No	1.5	Element Fault
RPL074	103	'412794439_/412794465'	10	10	10	2.232	5.3	10	5.77 No	2.232	Thermal Discharging
RPL074	104	'6202332_/6202330'	10	10	10	2.232	10	10	5.77 No	2.232	Thermal Discharging
RPL074	105	'6139702_/6139712_1'	3.33	3.33	3.33	0.744	0.5	3.33	1.92 No	0.5	Element Fault
RPL074	106	'6149222_/6149344'	10	10	10	2.232	10	10	5.77 No	2.232	Thermal Discharging
RPL074	107	'7752309_/57274691'	10	10	10	2.232	4.7	10	5.77 No	2.232	Thermal Discharging
RPL074	108	'7437491_/7437488_2'	3.33	3.33	3.33	0.744	0.5	3.33	1.92 No	0.5	Element Fault
RPL074	109	'6219245_/302597332_1'	10	10	10	2.232	1.8	10	5.77 No	1.8	Element Fault
RPL074	110	'55608483_/6202347'	10	10	10	2.232	10	10	5.77 No	2.232	Thermal Discharging
RPL074	111	'66038489_/66038496_2'	10	10	10	2.232	1.5	10	5.77 No	1.5	Element Fault
RPL074	112	'6139799_/6139796_2'	3.33	3.33	3.33	0.744	0.5	3.33	1.92 No	0.5	Element Fault
RPL074	113	'6146794_/6146791'	10	10	10	2.232	2.4	10	5.77 No	2.232	Thermal Discharging
RPL074	114	'6139840_/463140766'	10	10	10	2.232	1.5	10	5.77 No	1.5	Element Fault
RPL074	115	'6149199_/6149219'	10	10	10	2.232	10	10	5.77 No	2.232	Thermal Discharging
RPL074	116	'6222435_/6222433'	10	10	10	2.232	10	10	5.77 No	2.232	Thermal Discharging
RPL074	117	'66705363_/6222470'	10	10	10	2.232	10	10	5.77 No	2.232	Thermal Discharging
RPL074	118	'7439776_/7439774_1'	10	10	10	2.232	1.5	10	5.77 No	1.5	Element Fault
RPL074	119	'7749908_/7749905_1'	10	10	10	2.232	1.5	10	5.77 No	1.5	Element Fault
RPL074	120	'302597321_/302597332_2'	10	10	10	2.232	1.8	10	5.77 No	1.8	Element Fault
RPL074	121	'6138641_/6149196'	10	10	10	2.232	10	10	5.77 No	2.232	Thermal Discharging
RPL074	122	'6222419_/6222450'	10	10	10	2.232	10	10	5.77 No	2.232	Thermal Discharging
RPL074	123	'7440185_/7440182_2'	10	10	10	2.232	1.5	10	5.77 No	1.5	Element Fault
RPL074	124	'6138847_/6149176'	10	10	10	2.232	10	10	5.77 No	2.232	Thermal Discharging
RPL074	125	'6138642_/6138656_1'	10	10	10	2.232	2.6	10	5.77 No	2.232	Thermal Discharging
RPL074	126	'43856098_/2826800026'	10	10	10	2.232	10	10	5.77 No	2.232	Thermal Discharging
RPL074	127	'6149310_/6149327'	10	10	10	2.232	10	10	5.77 No	2.232	Thermal Discharging
RPL074	128	'6138871_/282680065'	10	10	10	2.232	10	10	5.77 No	2.232	Thermal Discharging
RPL074	129	'6222154_/6222416'	10	10	10	2.232	10	10	5.77 No	2.232	Thermal Discharging
RPL074	130	'66038526_/66038560'	3.33	3.33	3.33	0.744	0.5	3.33	1.92 No	0.5	Element Fault
RPL074	131	'6222155_/6222206_1'	10	10	10	2.232	1.5	10	5.77 No	1.5	Element Fault
RPL074	132	'6138888_/282680261'	10	10	10	2.232	10	10	5.77 No	2.232	Thermal Discharging
RPL074	133	'6140319_/6146851'	10	10	10	2.232	3.5	10	5.77 No	2.232	Thermal Discharging
RPL074	134	'6149293_/6149307'	10	10	10	2.232	10	10	5.77 No	2.232	Thermal Discharging
RPL074	135	'6222401_/6222399'	10	10	10	2.232	10	10	5.77 No	2.232	Thermal Discharging
RPL074	136	'9015094_/9015091'	10	10	10	2.232	1.5	10	5.77 No	1.5	Element Fault
RPL074	137	'6138905_/282680279'	10	10	10	2.232	10	10	5.77 No	2.232	Thermal Discharging
RPL074	138	'43856059_/6138656_2'	10	10	10	2.232	2.6	10	5.77 No	2.232	Thermal Discharging
RPL074	139	'6139811_/6139809'	3.33	3.33	3.33	0.744	0.5	3.33	1.92 No	0.5	Element Fault
RPL074	140	'57274710_/7752307'	10	10	10	2.232	4.7	10	5.77 No	2.232	Thermal Discharging
RPL074	141	'6139185_/6139299_2'	3.33	3.33	3.33	0.744	1.1	3.33	1.92 No	0.744	Thermal Discharging
RPL074	142	'6138922_/282680297'	10	10	10	2.232	10	10	5.77 No	2.232	Thermal Discharging
RPL074	143	'43856338_/6139838'	10	10	10	2.232	1.5	10	5.77 No	1.5	Element Fault
RPL074	144	'43856085_/43856087'	10	10	10	2.232	10	10	5.77 No	2.232	Thermal Discharging
RPL074	145	'6158587_/7106082'	10	10	10	2.232	10	10	5.77 No	2.232	Thermal Discharging
RPL074	146	'6138939_/282680315'	10	10	10	2.232	10	10	5.77 No	2.232	Thermal Discharging
RPL074	147	'6138956_/282680333'	10	10	10	2.232	10	10	5.77 No	2.232	Thermal Discharging
RPL074	148	'43856072_/43856074'	10	10	10	2.232	10	10	5.77 No	2.232	Thermal Discharging
RPL074	149	'43859567_/6158669'	10	10	10	2.232	10	10	5.77 No	2.232	Thermal Discharging
RPL074	150	'8386262_/9642211_2'	3.33	3.33	3.33	0.744	0.5	3.33	1.92 No	0.5	Element Fault
RPL074	151	'9642194_/9642191'	10	10	10	2.232	1.5	10	5.77 No	1.5	Element Fault
RPL074	152	'477341303_/477341272_1'	10	10	10	2.232	1.5	10	5.77 No	1.5	Element Fault
RPL074	153	'6138973_/282680351'	10	10	10	2.232	10	10	5.77 No	2.232	Thermal Discharging
RPL074	154	'6222134_/6222206_2'	10	10	10	2.232	1.5	10	5.77 No	1.5	Element Fault
RPL074	155	'6149242_/6149256'	10	10	10	2.232	10	10	5.77 No	2.232	Thermal Discharging
RPL074	156	'6139861_/43856340'	10	10	10	2.232	1.5	10	5.77 No	1.5	Element Fault
RPL074	157	'6139715_/6139712_2'	3.33	3.33	3.33	0.744	0.5	3.33	1.92 No	0.5	Element Fault
RPL074	158	'6138990_/282680369'	10	10	10	2.232	10	10	5.77 No	2.232	Thermal Discharging
RPL074	159	'438806977_/6158652'	10	10	10	2.232	10	10	5.77 No	2.232	Thermal Discharging
RPL074	160	'6139357_/6139370_1'	3.33	3.33	3.33	0.744	0.5	3.33	1.92 No	0.5	Element Fault
RPL074	161	'474769367_/474769316_1'	3.33	3.33	3.33	0.744	0.5	3.33	1.92 No	0.5	Element Fault
RPL074	162	'6149241_/6149239'	10	10	10	2.232	10	10	5.77 No	2.232	Thermal Discharging
RPL074	163	'7437310_/7437308_1'	3.33	3.33	3.33	0.744	0.5	3.33	1.92 No	0.5	Element Fault
RPL074	164	'6152508_/6152505_2'	10	10	10	2.232	10	10	5.77 No	2.232	Thermal Discharging
RPL074	165	'6139007_/282680387'	10	10	10	2.232	10	10	5.77 No	2.232	Thermal Discharging
RPL074	166	'6152455_/6152505_1'	10	10	10	2.232	10	10	5.77 No	2.232	Thermal Discharging
RPL074	167	'109070725_/87465993_2'	6.67	6.67	6.67	1.488	3.1	6.67	3.85 No	1.488	Thermal Discharging
RPL074	168	'6139024_/263498441'	10	10	10	2.232	10	10	5.77 No	2.232	Thermal Discharging
RPL074	169	'477341256_/477341272_2'	10	10	10	2.232	1.5	10	5.77 No	1.5	Element Fault
RPL074	170	'6139289_/6139299_1'	3.33	3.33	3.33	0.744	0.5	3.33	1.92 No	0.5	Element Fault
RPL074	171	'6139580_/87465993_1'	6.67	6.67	6.67	1.488	1	6.67	3.85 No	1	Element Fault
RPL074	172	'6138676_/6138673'	10	10	10	2.232	2.6	10	5.77 No	2.232	Thermal Discharging
RPL074	173	'6139812_/624671842'	3.33	3.33	3.33	0.744	0.5	3.33	1.92 No	0.5	Element Fault
RPL074	174	'7140752_/263498483'	10	10	10	2.232	10	10	5.77 No	2.232	Thermal Discharging
RPL074	175	'438806425_/438806427'	10	10	10	2.232	10	10	5.77 No	2.232	Thermal Discharging
RPL074	176	'43857464_/43857466'	10	10	10	2.232	10	10	5.77 No	2.232	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RPL074	177	'282680656_/7140750_1'		10	10	10	2.232	2.4	10	5.77 No	2.232 Thermal Discharging
RPL074	178	'426584457_/426584459'		10	10	10	2.232	10	10	5.77 No	2.232 Thermal Discharging
RPL074	179	'8072803_/8386470'		10	10	10	2.232	4.7	10	5.77 No	2.232 Thermal Discharging
RPL074	180	'438806763_/438806527_1'		10	10	10	2.232	1.6	10	5.77 No	1.6 Element Fault
RPL074	181	'43856155_/263498525'		10	10	10	2.232	10	10	5.77 No	2.232 Thermal Discharging
RPL074	182	'6150481_/6158635'		10	10	10	2.232	10	10	5.77 No	2.232 Thermal Discharging
RPL074	183	'426584671_/426584535_1'		10	10	10	2.232	1.5	10	5.77 No	1.5 Element Fault
RPL074	184	'6140374_/6140371'		10	10	10	2.232	3.5	10	5.77 No	2.232 Thermal Discharging
RPL074	185	'387505738_/6138780_1'	3.33	3.33	3.33	0.744	0.3	3.33	1.92 No	0.3 Element Fault	
RPL074	186	'43856485_/6140317'		10	10	10	2.232	3.5	10	5.77 No	2.232 Thermal Discharging
RPL074	187	'438806924_/246720758_1'		10	10	10	2.232	1.5	10	5.77 No	1.5 Element Fault
RPL074	188	'43857615_/43857617'		10	10	10	2.232	10	10	5.77 No	2.232 Thermal Discharging
RPL074	189	'9013796_/9642325'	3.33	3.33	3.33	0.744	0.5	3.33	1.92 No	0.5 Element Fault	
RPL074	190	'6152733_/263498592'		10	10	10	2.232	10	10	5.77 No	2.232 Thermal Discharging
RPL074	191	'474769319_/474769316_2'	3.33	3.33	3.33	0.744	0.5	3.33	1.92 No	0.5 Element Fault	
RPL074	192	'7140753_/7140750_2'		10	10	10	2.232	2.4	10	5.77 No	2.232 Thermal Discharging
RPL074	193	'9329338_/9329336_1'		10	10	10	2.232	1.8	10	5.77 No	1.8 Element Fault
RPL074	194	'6150518_/6150516'		10	10	10	2.232	10	10	5.77 No	2.232 Thermal Discharging
RPL074	195	'6152715_/263498634'		10	10	10	2.232	10	10	5.77 No	2.232 Thermal Discharging
RPL074	196	'6140536_/6140550'		10	10	10	2.232	10	10	5.77 No	2.232 Thermal Discharging
RPL074	197	'9063101_/9063099_1'		10	10	10	2.232	1.6	10	5.77 No	1.6 Element Fault
RPL074	198	'426584538_/426584535_2'		10	10	10	2.232	1.5	10	5.77 No	1.5 Element Fault
RPL074	199	'6161154_/6161172_2'		10	10	10	2.232	4.7	10	5.77 No	2.232 Thermal Discharging
RPL074	200	'43856168_/263498676'		10	10	10	2.232	10	10	5.77 No	2.232 Thermal Discharging
RPL074	201	'426584655_/426584128_1'		10	10	10	2.232	0.9	10	5.77 No	0.9 Element Fault
RPL074	202	'7490282_/263498718'		10	10	10	2.232	10	10	5.77 No	2.232 Thermal Discharging
RPL074	203	'6161191_/6161189'		10	10	10	2.232	10	10	5.77 No	2.232 Thermal Discharging
RPL074	204	'8696568_/8696566_1'	3.33	3.33	3.33	0.744	0.5	3.33	1.92 No	0.5 Element Fault	
RPL074	205	'6139636_/263498760'		10	10	10	2.232	10	10	5.77 No	2.232 Thermal Discharging
RPL074	206	'7490283_/8122620_1'		10	10	10	2.232	1.6	10	5.77 No	1.6 Element Fault
RPL074	207	'6140515_/6140513'		10	10	10	2.232	10	10	5.77 No	2.232 Thermal Discharging
RPL074	208	'6139373_/6139370_2'	3.33	3.33	3.33	0.744	0.5	3.33	1.92 No	0.5 Element Fault	
RPL074	209	'43856498_/6140334'		10	10	10	2.232	3.5	10	5.77 No	2.232 Thermal Discharging
RPL074	210	'426584109_/426584128_2'		10	10	10	2.232	0.9	10	5.77 No	0.9 Element Fault
RPL074	211	'387505757_/6138780_2'	3.33	3.33	3.33	0.744	0.3	3.33	1.92 No	0.3 Element Fault	
RPL074	212	'446473378_/446473283_1'		10	10	10	2.232	2.3	10	5.77 No	2.232 Thermal Discharging
RPL074	213	'6138693_/6138690'		10	10	10	2.232	2.6	10	5.77 No	2.232 Thermal Discharging
RPL074	214	'43857380_/43857382'		10	10	10	2.232	10	10	5.77 No	2.232 Thermal Discharging
RPL074	215	'6150445_/6161172_1'		10	10	10	2.232	1.6	10	5.77 No	1.6 Element Fault
RPL074	216	'57274735_/57274879'		10	10	10	2.232	4.7	10	5.77 No	2.232 Thermal Discharging
RPL074	217	'6149162_/6149900'		10	10	10	2.232	10	10	5.77 No	2.232 Thermal Discharging
RPL074	218	'6145977_/6145974_2'		10	10	10	2.232	2.3	10	5.77 No	2.232 Thermal Discharging
RPL074	219	'6139276_/6139286'	3.33	3.33	3.33	0.744	0.5	3.33	1.92 No	0.5 Element Fault	
RPL074	220	'6139129_/6139578'	6.67	6.67	6.67	1.488	1	6.67	3.85 No	1 Element Fault	
RPL074	221	'6139828_/6139825'	3.33	3.33	3.33	0.744	0.5	3.33	1.92 No	0.5 Element Fault	
RPL074	222	'8122623_/8122620_2'		10	10	10	2.232	1.6	10	5.77 No	1.6 Element Fault
RPL074	223	'6140718_/6149159'		10	10	10	2.232	10	10	5.77 No	2.232 Thermal Discharging
RPL074	224	'6148783_/6148780'	3.33	3.33	3.33	0.744	0.5	3.33	1.92 No	0.5 Element Fault	
RPL074	225	'6139117_/43856146_2'	3.33	3.33	3.33	0.744	0.5	3.33	1.92 No	0.5 Element Fault	
RPL074	226	'43856001_/43856003'		10	10	10	2.232	10	10	5.77 No	2.232 Thermal Discharging
RPL074	227	'438806728_/438806527_2'		10	10	10	2.232	1.6	10	5.77 No	1.6 Element Fault
RPL074	228	'6139130_/6139591_1'	3.33	3.33	3.33	0.744	0.3	3.33	1.92 No	0.3 Element Fault	
RPL074	229	'6146346_/6146811'		10	10	10	2.232	2.4	10	5.77 No	2.232 Thermal Discharging
RPL074	230	'6139318_/6139315'	3.33	3.33	3.33	0.744	0.5	3.33	1.92 No	0.5 Element Fault	
RPL074	231	'6140800_/6140875'		10	10	10	2.232	10	10	5.77 No	2.232 Thermal Discharging
RPL074	232	'8696569_/8696566_2'	3.33	3.33	3.33	0.744	0.5	3.33	1.92 No	0.5 Element Fault	
RPL074	233	'51032359_/8696512_1'		10	10	10	2.232	1.5	10	5.77 No	1.5 Element Fault
RPL074	234	'6140391_/6140388'		10	10	10	2.232	3.5	10	5.77 No	2.232 Thermal Discharging
RPL074	235	'446473286_/446473283_2'		10	10	10	2.232	2.3	10	5.77 No	2.232 Thermal Discharging
RPL074	236	'6139770_/6139767'	3.33	3.33	3.33	0.744	0.5	3.33	1.92 No	0.5 Element Fault	
RPL074	237	'6140860_/6140858'		10	10	10	2.232	10	10	5.77 No	2.232 Thermal Discharging
RPL074	238	'6138710_/6138707'		10	10	10	2.232	2.6	10	5.77 No	2.232 Thermal Discharging
RPL074	239	'8672157_/9329336_2'		10	10	10	2.232	1.8	10	5.77 No	1.8 Element Fault
RPL074	240	'6140787_/6140785_1'	3.33	3.33	3.33	0.744	0.5	3.33	1.92 No	0.5 Element Fault	
RPL074	241	'43856048_/6138780_3'	3.33	3.33	3.33	0.744	0.3	3.33	1.92 No	0.3 Element Fault	
RPL074	242	'8696515_/8696512_2'		10	10	10	2.232	1.5	10	5.77 No	1.5 Element Fault
RPL074	243	'6140895_/6140909'		10	10	10	2.232	10	10	5.77 No	2.232 Thermal Discharging
RPL074	244	'43856014_/6145654'	3.33	3.33	3.33	0.744	1.1	3.33	1.92 No	0.744 Thermal Discharging	
RPL074	245	'458768634_/6140351'		10	10	10	2.232	3.5	10	5.77 No	2.232 Thermal Discharging
RPL074	246	'8072880_/8672154'		10	10	10	2.232	1.8	10	5.77 No	1.8 Element Fault
RPL074	247	'6145657_/6145667_1'	3.33	3.33	3.33	0.744	0.5	3.33	1.92 No	0.5 Element Fault	
RPL074	248	'57274918_/57274924'		10	10	10	2.232	4.7	10	5.77 No	2.232 Thermal Discharging
RPL074	249	'57274943_/57274949'		10	10	10	2.232	4.7	10	5.77 No	2.232 Thermal Discharging
RPL074	250	'9063102_/9063099_2'		10	10	10	2.232	1.6	10	5.77 No	1.6 Element Fault
RPL074	251	'43856144_/43856146_1'	3.33	3.33	3.33	0.744	0.3	3.33	1.92 No	0.3 Element Fault	
RPL074	252	'6140894_/6140892'		10	10	10	2.232	10	10	5.77 No	2.232 Thermal Discharging
RPL074	253	'6140734_/6140785_2'	3.33	3.33	3.33	0.744	0.5	3.33	1.92 No	0.5 Element Fault	
RPL074	254	'7437311_/9013793'	3.33	3.33	3.33	0.744	0.5	3.33	1.92 No	0.5 Element Fault	
RPL074	255	'8072879_/8072877'		10	10	10	2.232	1.8	10	5.77 No	1.8 Element Fault
RPL074	256	'6150444_/6150442'		10	10	10	2.232	1.6	10	5.77 No	1.6 Element Fault
RPL074	257	'6139263_/6139273'	3.33	3.33	3.33	0.744	0.5	3.33	1.92 No	0.5 Element Fault	
RPL074	258	'438806898_/246720758_2'		10	10	10	2.232	1.5	10	5.77 No	1.5 Element Fault
RPL074	259	'7751766_/67150064'	6.67	6.67	6.67	1.488	3.13	6.67	3.85 No	1.488 Thermal Discharging	
RPL074	260	'605254481_/605254457_2'		10	10	10	2.232	5.3	10	5.77 No	2.232 Thermal Discharging
RPL074	261	'6140946_/6140960'		10	10	10	2.232	10	10	5.77 No	2.232 Thermal Discharging
RPL074	262	'7438323_/9014525_1'		10	10	10	2.232	1	10	5.77 No	1 Element Fault
RPL074	263	'7439320_/7439318'		10	10	10	2.232	4.7	10	5.77 No	2.232 Thermal Discharging
RPL074	264	'55500366_/66038529'	3.33	3.33	3.33	0.744	0.5	3.33	1.92 No	0.5 Element Fault	
RPL074	265	'6140425_/6140422'		10	10	10	2.232	3.5	10	5.77 No	2.232 Thermal Discharging
RPL074	266	'6140929_/6140943'		10	10	10	2.232	10	10	5.77 No	2.232 Thermal Discharging
RPL074	267	'6139610_/6139607'	3.33	3.33	3.33	0.744	0.5	3.33	1.92 No	0.5 Element Fault	
RPL074	268	'6139331_/6139328'	3.33	3.33	3.33	0.744	0.5	3.33	1.92 No	0.5 Element Fault	
RPL074	269	'7437582_/7437580_2'	3.33	3.33	3.33	0.744	1.4	3.33	1.92 No	0.744 Thermal Discharging	
RPL074	270	'7439300_/8074207'		10	10	10	2.232	4.7	10	5.77 No	2.232 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RPL074	271	'6140928_/_6140926'		10	10	10	2.232	1.0	10	5.77 No	2.232 Thermal Discharging
RPL074	272	'8386532_/_9642473'		10	10	10	2.232	1.8	10	5.77 No	1.8 Element Fault
RPL074	273	'6145685_/_446473323'		10	10	10	2.232	2.3	10	5.77 No	2.232 Thermal Discharging
RPL074	274	'6142489_/_6142486'	3.33		3.33	3.33	0.744	0.5	3.33	1.92 No	0.5 Element Fault
RPL074	275	'8072804_/_8072801'		10	10	10	2.232	4.7	10	5.77 No	2.232 Thermal Discharging
RPL074	276	'446473566_/_446473537_1'		10	10	10	2.232	1.5	10	5.77 No	1.5 Element Fault
RPL074	277	'508822739_/_508822666_1'	3.33		3.33	3.33	0.744	0.5	3.33	1.92 No	0.5 Element Fault
RPL074	278	'6139386_/_6139383'	3.33		3.33	3.33	0.744	0.5	3.33	1.92 No	0.5 Element Fault
RPL074	279	'43857356_/_6145920'		10	10	10	2.232	3.5	10	5.77 No	2.232 Thermal Discharging
RPL074	280	'6161138_/_7105972'		10	10	10	2.232	10	10	5.77 No	2.232 Thermal Discharging
RPL074	281	'6139142_/_6139591_2'	3.33		3.33	3.33	0.744	0.3	3.33	1.92 No	0.3 Element Fault
RPL074	282	'6161121_/_6161135'		10	10	10	2.232	10	10	5.77 No	2.232 Thermal Discharging
RPL074	283	'6145976_/_6145974_1'		10	10	10	2.232	2.3	10	5.77 No	2.232 Thermal Discharging
RPL074	284	'6161104_/_6161118'		10	10	10	2.232	10	10	5.77 No	2.232 Thermal Discharging
RPL074	285	'605254432_/_605254457_1'		10	10	10	2.232	1.5	10	5.77 No	1.5 Element Fault
RPL074	286	'6160604_/_6161101'		10	10	10	2.232	10	10	5.77 No	2.232 Thermal Discharging
RPL074	287	'446473506_/_446473537_2'		10	10	10	2.232	1.5	10	5.77 No	1.5 Element Fault
RPL074	288	'6145015_/_6145025'	3.33		3.33	3.33	0.744	0.3	3.33	1.92 No	0.3 Element Fault
RPL074	289	'454683545_/_454683594'	9.9		10	10	2.232	4.7	10	5.77 No	2.232 Thermal Discharging
RPL074	290	'6145670_/_6145667_2'	3.33		3.33	3.33	0.744	0.5	3.33	1.92 No	0.5 Element Fault
RPL074	291	'432377580_/_432377553_1'	3.33		3.33	3.33	0.744	0.5	3.33	1.92 No	0.5 Element Fault
RPL074	292	'8073287_/_9014525_2'		10	10	10	2.232	1	10	5.77 No	1 Element Fault
RPL074	293	'6163744_/_6163742'		10	10	10	2.232	10	10	5.77 No	2.232 Thermal Discharging
RPL074	294	'6147082_/_469055545'		9	10	10	2.232	3.5	10	5.77 No	2.232 Thermal Discharging
RPL074	295	'6140735_/_6140732'	3.33		3.33	3.33	0.744	0.5	3.33	1.92 No	0.5 Element Fault
RPL074	296	'6150231_/_6150228'	3.33		3.33	3.33	0.744	0.5	3.33	1.92 No	0.5 Element Fault
RPL074	297	'6160605_/_6160615_1'	3.33		3.33	3.33	0.744	0.5	3.33	1.92 No	0.5 Element Fault
RPL074	298	'49934250_/_53383279_2'		10	10	10	2.232	5.3	10	5.77 No	2.232 Thermal Discharging
RPL074	299	'6145940_/_6145937'	8.7		10	10	2.232	3.5	10	5.77 No	2.232 Thermal Discharging
RPL074	300	'6139344_/_6139341'	3.33		3.33	3.33	0.744	0.5	3.33	1.92 No	0.5 Element Fault
RPL074	301	'6138809_/_6138806'	3.33		3.33	3.33	0.744	0.3	3.33	1.92 No	0.3 Element Fault
RPL074	302	'43856111_/_43856113'	3.33		3.33	3.33	0.744	0.5	3.33	1.92 No	0.5 Element Fault
RPL074	303	'256321434_/_246720936'		10	10	10	2.232	1.5	10	5.77 No	1.5 Element Fault
RPL074	304	'7437583_/_7437580_1'	3.33		3.33	3.33	0.744	0.5	3.33	1.92 No	0.5 Element Fault
RPL074	305	'465950476_/_459967293_1'	4.4		10	10	2.232	1.6	10	5.77 No	1.6 Element Fault
RPL074	306	'438806799_/_438806553'		10	10	10	2.232	1.6	10	5.77 No	1.6 Element Fault
RPL074	307	'6160618_/_6160615_2'	3.33		3.33	3.33	0.744	0.5	3.33	1.92 No	0.5 Element Fault
RPL074	308	'6138766_/_6142515'	3.33		3.33	3.33	0.744	0.87	3.33	1.92 No	0.744 Thermal Discharging
RPL074	309	'53383273_/_53383279_1'		10	10	10	2.232	4.7	10	5.77 No	2.232 Thermal Discharging
RPL074	310	'43855422_/_6145683'	3.33		3.33	3.33	0.744	0.77	3.33	1.92 No	0.744 Thermal Discharging
RPL074	311	'473443400_/_473443405'		10	10	10	2.232	1.6	10	5.77 No	1.6 Element Fault
RPL074	312	'6138727_/_6138724'		10	10	10	2.232	2.6	10	5.77 No	2.232 Thermal Discharging
RPL074	313	'6142276_/_6142273'	3.33		3.33	3.33	0.744	0.5	3.33	1.92 No	0.5 Element Fault
RPL074	314	'43856209_/_6139140'	3.33		3.33	3.33	0.744	0.3	3.33	1.92 No	0.3 Element Fault
RPL074	315	'43857439_/_6145957'	7.1		10	10	2.232	3.5	10	5.77 No	2.232 Thermal Discharging
RPL074	316	'6139936_/_43856375_2'	3.33		3.33	3.33	0.744	0.5	3.33	1.92 No	0.5 Element Fault
RPL074	317	'53383344_/_53383351'		10	10	10	2.232	4.7	10	5.77 No	2.232 Thermal Discharging
RPL074	318	'6138796_/_43856050'	3.33		3.33	3.33	0.744	0.3	3.33	1.92 No	0.3 Element Fault
RPL074	319	'70142080_/_6142286_1'	3.33		3.33	3.33	0.744	0.5	3.33	1.92 No	0.5 Element Fault
RPL074	320	'602452555_/_6150459'		10	10	10	2.232	1.6	10	5.77 No	1.6 Element Fault
RPL074	321	'6139237_/_6139247'	3.33		3.33	3.33	0.744	0.5	3.33	1.92 No	0.5 Element Fault
RPL074	322	'6138747_/_6138744'		10	10	10	2.232	2.6	10	5.77 No	2.232 Thermal Discharging
RPL074	323	'53383308_/_53383372'		10	10	10	2.232	4.7	10	5.77 No	2.232 Thermal Discharging
RPL074	324	'8073288_/_8073285'		10	10	10	2.232	1	10	5.77 No	1 Element Fault
RPL074	325	'57274573_/_454683549'	6.7		10	10	2.232	4.7	10	5.77 No	2.232 Thermal Discharging
RPL074	326	'43856373_/_43856375_1'	3.33		3.33	3.33	0.744	0.3	3.33	1.92 No	0.3 Element Fault
RPL074	327	'625559702_/_625559699'	3.33		3.33	3.33	0.744	0.53	3.33	1.92 No	0.53 Element Fault
RPL074	328	'57274790_/_57274540'	6.7		10	10	2.232	4.7	10	5.77 No	2.232 Thermal Discharging
RPL074	329	'6145002_/_6145012'	3.33		3.33	3.33	0.744	0.3	3.33	1.92 No	0.3 Element Fault
RPL074	330	'625559887_/_625559712_1'	3.33		3.33	3.33	0.744	0.5	3.33	1.92 No	0.5 Element Fault
RPL074	331	'43860244_/_6160628'	3.33		3.33	3.33	0.744	0.5	3.33	1.92 No	0.5 Element Fault
RPL074	332	'6140814_/_6140811'	3.33		3.33	3.33	0.744	0.5	3.33	1.92 No	0.5 Element Fault
RPL074	333	'6146347_/_6146344'	6.2		10	10	2.232	2.3	10	5.77 No	2.232 Thermal Discharging
RPL074	334	'346469414_/_7439298_1'	6.5		10	10	2.232	2.5	10	5.77 No	2.232 Thermal Discharging
RPL074	335	'43856025_/_6145735'	3.33		3.33	3.33	0.744	0.5	3.33	1.92 No	0.5 Element Fault
RPL074	336	'43856231_/_43856233'	3.33		3.33	3.33	0.744	0.5	3.33	1.92 No	0.5 Element Fault
RPL074	337	'43857667_/_6147184'	6		10	10	2.232	3.5	10	5.77 No	2.232 Thermal Discharging
RPL074	338	'6138822_/_6138819'	3.17		3.33	3.33	0.744	0.3	3.33	1.92 No	0.3 Element Fault
RPL074	339	'6137552_/_6147686'		10	10	10	2.232	2.3	10	5.77 No	2.232 Thermal Discharging
RPL074	340	'6139156_/_43856211'	3.33		3.33	3.33	0.744	0.3	3.33	1.92 No	0.3 Element Fault
RPL074	341	'7438251_/_432377553_2'	3.33		3.33	3.33	0.744	0.5	3.33	1.92 No	0.5 Element Fault
RPL074	342	'6139224_/_6139234'	3.33		3.33	3.33	0.744	0.5	3.33	1.92 No	0.5 Element Fault
RPL074	343	'8696459_/_130495147'		10	10	10	2.232	1.6	10	5.77 No	1.6 Element Fault
RPL074	344	'6138504_/_43855424'	3.33		3.33	3.33	0.744	0.77	3.33	1.92 No	0.744 Thermal Discharging
RPL074	345	'468747045_/_468747077'	8.5		10	10	2.232	1.6	10	5.77 No	1.6 Element Fault
RPL074	346	'625559715_/_625559712_2'	3.33		3.33	3.33	0.744	0.5	3.33	1.92 No	0.5 Element Fault
RPL074	347	'43857641_/_43857669'	5.6		10	10	2.232	3.5	10	5.77 No	2.232 Thermal Discharging
RPL074	348	'8697075_/_508822666_2'	3.33		3.33	3.33	0.744	0.5	3.33	1.92 No	0.5 Element Fault
RPL074	349	'342291416_/_342291420'	3.3		10	10	2.232	4.7	10	5.77 No	2.232 Thermal Discharging
RPL074	350	'6142289_/_6142286_2'	3.33		3.33	3.33	0.744	0.5	3.33	1.92 No	0.5 Element Fault
RPL074	351	'6142315_/_6142312'	3.33		3.33	3.33	0.744	0.5	3.33	1.92 No	0.5 Element Fault
RPL074	352	'6146367_/_6146364'	5.2		10	10	2.232	2.3	10	5.77 No	2.232 Thermal Discharging
RPL074	353	'43856037_/_43856027'	3.33		3.33	3.33	0.744	0.5	3.33	1.92 No	0.5 Element Fault
RPL074	354	'6139910_/_6139920'	3.33		3.33	3.33	0.744	0.3	3.33	1.92 No	0.3 Element Fault
RPL074	355	'606480965_/_606480826_1'	3.33		3.33	3.33	0.744	0.3	3.33	1.92 No	0.3 Element Fault
RPL074	356	'342291372_/_342291458'	3.4		10	10	2.232	4.7	10	5.77 No	2.232 Thermal Discharging
RPL074	357	'7750871_/_8073629'		10	10	10	2.232	4.7	10	5.77 No	2.232 Thermal Discharging
RPL074	358	'458775238_/_458775240'	8		10	10	2.232	2.3	10	5.77 No	2.232 Thermal Discharging
RPL074	359	'458775291_/_447246128_1'	8		10	10	2.232	1.5	10	5.77 No	1.5 Element Fault
RPL074	360	'43857654_/_6147167'	5		10	10	2.232	3.5	10	5.77 No	2.232 Thermal Discharging
RPL074	361	'625559732_/_625559729'	3.33		3.33	3.33	0.744	0.5	3.33	1.92 No	0.5 Element Fault
RPL074	362	'43856133_/_43856135'	3.33		3.33	3.33	0.744	0.3	3.33	1.92 No	0.3 Element Fault
RPL074	363	'447246109_/_447246128_2'	7.6		10	10	2.232	1.5	10	5.77 No	1.5 Element Fault
RPL074	364	'450278259_/_450278261'	3.33		3.33	3.33	0.744	0.77	3.33	1.92 No	0.744 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RPL074	365	'6138835_/_6138832'		2.1	3.33	3.33	0.744	0.3	3.33	1.92 No	0.3 Element Fault
RPL074	366	'6160647_/_43860246'		3.33	3.33	3.33	0.744	0.5	3.33	1.92 No	0.5 Element Fault
RPL074	367	'43857867_/_6150241'		2.13	3.33	3.33	0.744	0.5	3.33	1.92 No	0.5 Element Fault
RPL074	368	'8074230_/_8074227'		1.5	3.33	3.33	0.744	1.57	3.33	1.92 No	0.744 Thermal Discharging
RPL074	369	'8386533_/_8386530'		10	10	10	2.232	1.8	10	5.77 No	1.8 Element Fault
RPL074	370	'6140751_/_6140748'		6.4	10	10	2.232	2.6	10	5.77 No	2.232 Thermal Discharging
RPL074	371	'43856122_/_6139221'		2.47	3.33	3.33	0.744	0.5	3.33	1.92 No	0.5 Element Fault
RPL074	372	'9331725_/_342291376'		3.4	10	10	2.232	4.7	10	5.77 No	2.232 Thermal Discharging
RPL074	373	'450278156_/_6138514'		2.87	3.33	3.33	0.744	0.77	3.33	1.92 No	0.744 Thermal Discharging
RPL074	374	'6147119_/_43857656'		4.6	10	10	2.232	3.5	10	5.77 No	2.232 Thermal Discharging
RPL074	375	'468747011_/_468747061'		5.8	10	10	2.232	1.6	10	5.77 No	1.6 Element Fault
RPL074	376	'6140017_/_6142325'		2.77	3.33	3.33	0.744	0.5	3.33	1.92 No	0.5 Element Fault
RPL074	377	'6146387_/_6146384'		4.5	10	10	2.232	2.3	10	5.77 No	2.232 Thermal Discharging
RPL074	378	'479574012_/_6140014_2'		2.77	3.33	3.33	0.744	0.5	3.33	1.92 No	0.5 Element Fault
RPL074	379	'6142455_/_6142452'		2.57	3.33	3.33	0.744	0.5	3.33	1.92 No	0.5 Element Fault
RPL074	380	'6146575_/_6146592_1'		4.5	10	10	2.232	1.5	10	5.77 No	1.5 Element Fault
RPL074	381	'6139469_/_6139467'		2.33	3.33	3.33	0.744	0.5	3.33	1.92 No	0.5 Element Fault
RPL074	382	'43856252_/_6138764'		1.9	3.33	3.33	0.744	0.87	3.33	1.92 No	0.744 Thermal Discharging
RPL074	383	'479574028_/_6140027_1'		2.53	3.33	3.33	0.744	0.3	3.33	1.92 No	0.3 Element Fault
RPL074	384	'496563202_/_7750869'		10	10	10	2.232	4.7	10	5.77 No	2.232 Thermal Discharging
RPL074	385	'6137535_/_6137549'		6.1	10	10	2.232	2.3	10	5.77 No	2.232 Thermal Discharging
RPL074	386	'6139169_/_43856222'		3.33	3.33	3.33	0.744	0.3	3.33	1.92 No	0.3 Element Fault
RPL074	387	'6139909_/_6139907'		2.37	3.33	3.33	0.744	0.3	3.33	1.92 No	0.3 Element Fault
RPL074	388	'496563169_/_483767477'		10	10	10	2.232	4.7	10	5.77 No	2.232 Thermal Discharging
RPL074	389	'44062901_/_6147133'		4.3	10	10	2.232	3.5	10	5.77 No	2.232 Thermal Discharging
RPL074	390	'6139091_/_6139101'		3.33	3.33	3.33	0.744	0.3	3.33	1.92 No	0.3 Element Fault
RPL074	391	'6140004_/_6140014_1'		2.27	3.33	3.33	0.744	0.3	3.33	1.92 No	0.3 Element Fault
RPL074	392	'459967276_/_468747015_1'		5.2	10	10	2.232	1.6	10	5.77 No	1.6 Element Fault
RPL074	393	'459967213_/_468747015_2'		5.2	10	10	2.232	1.6	10	5.77 No	1.6 Element Fault
RPL074	394	'6146595_/_6146592_2'		4.2	10	10	2.232	1.5	10	5.77 No	1.5 Element Fault
RPL074	395	'6145767_/_6145764'		1.7	3.33	3.33	0.744	0.3	3.33	1.92 No	0.3 Element Fault
RPL074	396	'6140030_/_6140027_2'		2.2	3.33	3.33	0.744	0.3	3.33	1.92 No	0.3 Element Fault
RPL074	397	'6146407_/_6146404'		4.1	10	10	2.232	2.3	10	5.77 No	2.232 Thermal Discharging
RPL074	398	'37959595_/_8696456'		6.4	10	10	2.232	1.6	10	5.77 No	1.6 Element Fault
RPL074	399	'37959575_/_37959593'		6.4	10	10	2.232	1.6	10	5.77 No	1.6 Element Fault
RPL074	400	'37959568_/_37959572'		2.13	3.33	3.33	0.744	0.53	3.33	1.92 No	0.53 Element Fault
RPL074	401	'37959603_/_37959607'		6.4	10	10	2.232	1.6	10	5.77 No	1.6 Element Fault
RPL074	402	'37959582_/_37959586'		6.4	10	10	2.232	1.6	10	5.77 No	1.6 Element Fault
RPL074	403	'43860255_/_6160657'		3.33	3.33	3.33	0.744	0.5	3.33	1.92 No	0.5 Element Fault
RPL074	404	'43856627_/_44062903'		4.1	10	10	2.232	3.5	10	5.77 No	2.232 Thermal Discharging
RPL074	405	'6137569_/_43855435'		2.1	3.33	3.33	0.744	0.77	3.33	1.92 No	0.744 Thermal Discharging
RPL074	406	'7749983_/_606480826_2'		3.33	3.33	3.33	0.744	0.3	3.33	1.92 No	0.3 Element Fault
RPL074	407	'6139198_/_6139208'		1.87	3.33	3.33	0.744	0.5	3.33	1.92 No	0.5 Element Fault
RPL074	408	'7149810_/_7149807'		4	10	10	2.232	3.5	10	5.77 No	2.232 Thermal Discharging
RPL074	409	'6147029_/_6147027'		1.9	3.33	3.33	0.744	0.5	3.33	1.92 No	0.5 Element Fault
RPL074	410	'7438250_/_561883201'		3.33	3.33	3.33	0.744	0.5	3.33	1.92 No	0.5 Element Fault
RPL074	411	'6140767_/_6140841'		4.7	10	10	2.232	2.6	10	5.77 No	2.232 Thermal Discharging
RPL074	412	'6146535_/_6146532'		3.8	10	10	2.232	2.3	10	5.77 No	2.232 Thermal Discharging
RPL074	413	'43856641_/_43856629'		3.8	10	10	2.232	3.5	10	5.77 No	2.232 Thermal Discharging
RPL074	414	'6140003_/_6140001'		1.87	3.33	3.33	0.744	0.3	3.33	1.92 No	0.3 Element Fault
RPL074	415	'459967247_/_459967319'		4.5	10	10	2.232	1.6	10	5.77 No	1.6 Element Fault
RPL074	416	'108074511_/_108074460_1'		3.8	10	10	2.232	1.5	10	5.77 No	1.5 Element Fault
RPL074	417	'8386393_/_8386390'		1.8	3.33	3.33	0.744	0.53	3.33	1.92 No	0.53 Element Fault
RPL074	418	'43856384_/_6140069'		2.47	3.33	3.33	0.744	0.3	3.33	1.92 No	0.3 Element Fault
RPL074	419	'43857604_/_43857606'		1.77	3.33	3.33	0.744	0.3	3.33	1.92 No	0.3 Element Fault
RPL074	420	'6140046_/_6140043'		1.77	3.33	3.33	0.744	0.3	3.33	1.92 No	0.3 Element Fault
RPL074	421	'6139078_/_6139088'		2.47	3.33	3.33	0.744	0.3	3.33	1.92 No	0.3 Element Fault
RPL074	422	'108074463_/_108074460_2'		3.6	10	10	2.232	1.5	10	5.77 No	1.5 Element Fault
RPL074	423	'6139197_/_6139195'		1.6	3.33	3.33	0.744	0.5	3.33	1.92 No	0.5 Element Fault
RPL074	424	'6137534_/_6137532'		4.4	10	10	2.232	2.3	10	5.77 No	2.232 Thermal Discharging
RPL074	425	'362319609_/_362319552_1'		4.4	10	10	2.232	1.5	10	5.77 No	1.5 Element Fault
RPL074	426	'6137582_/_6137579'		1.67	3.33	3.33	0.744	0.77	3.33	1.92 No	0.744 Thermal Discharging
RPL074	427	'43857856_/_43857869'		1.47	3.33	3.33	0.744	0.5	3.33	1.92 No	0.5 Element Fault
RPL074	428	'43856242_/_43856244'		1.6	3.33	3.33	0.744	0.5	3.33	1.92 No	0.5 Element Fault
RPL074	429	'6146423_/_6146552'		3.5	10	10	2.232	2.3	10	5.77 No	2.232 Thermal Discharging
RPL074	430	'43856654_/_6142548'		3.5	10	10	2.232	3.5	10	5.77 No	2.232 Thermal Discharging
RPL074	431	'8388747_/_230270045'		1.13	3.33	3.33	0.744	1.57	3.33	1.92 No	0.744 Thermal Discharging
RPL074	432	'57274789_/_57274787'		1.1	3.33	3.33	0.744	1.57	3.33	1.92 No	0.744 Thermal Discharging
RPL074	433	'43860267_/_43860257'		3.23	3.33	3.33	0.744	0.5	3.33	1.92 No	0.5 Element Fault
RPL074	434	'7749984_/_606480980'		2.3	3.33	3.33	0.744	0.3	3.33	1.92 No	0.3 Element Fault
RPL074	435	'6140084_/_43856386'		2.2	3.33	3.33	0.744	0.3	3.33	1.92 No	0.3 Element Fault
RPL074	436	'6140159_/_6140156'		1.6	3.33	3.33	0.744	0.3	3.33	1.92 No	0.3 Element Fault
RPL074	437	'6160676_/_8073465_2'		3.23	3.33	3.33	0.744	0.5	3.33	1.92 No	0.5 Element Fault
RPL074	438	'6140408_/_6140405'		3.4	10	10	2.232	3.5	10	5.77 No	2.232 Thermal Discharging
RPL074	439	'6142413_/_6142410'		1.47	3.33	3.33	0.744	0.5	3.33	1.92 No	0.5 Element Fault
RPL074	440	'6139673_/_6139670'		1.33	3.33	3.33	0.744	0.87	3.33	1.92 No	0.744 Thermal Discharging
RPL074	441	'6140059_/_6140056'		1.53	3.33	3.33	0.744	0.3	3.33	1.92 No	0.3 Element Fault
RPL074	442	'9330006_/_561883192'		2.47	3.33	3.33	0.744	0.5	3.33	1.92 No	0.5 Element Fault
RPL074	443	'6139897_/_6147053'		1.5	3.33	3.33	0.744	0.3	3.33	1.92 No	0.3 Element Fault
RPL074	444	'43856428_/_43856430'		1.5	3.33	3.33	0.744	0.3	3.33	1.92 No	0.3 Element Fault
RPL074	445	'6140085_/_6140082'		2	3.33	3.33	0.744	0.3	3.33	1.92 No	0.3 Element Fault
RPL074	446	'6142354_/_6142351'		3.2	10	10	2.232	3.5	10	5.77 No	2.232 Thermal Discharging
RPL074	447	'362319533_/_362319552_2'		3.9	10	10	2.232	1.5	10	5.77 No	1.5 Element Fault
RPL074	448	'6139077_/_6139075'		1.97	3.33	3.33	0.744	0.3	3.33	1.92 No	0.3 Element Fault
RPL074	449	'6139444_/_6139454'		1.4	3.33	3.33	0.744	0.5	3.33	1.92 No	0.5 Element Fault
RPL074	450	'43857938_/_6140765'		3.8	10	10	2.232	2.6	10	5.77 No	2.232 Thermal Discharging
RPL074	451	'8696584_/_8696582_2'		3.8	10	10	2.232	2.6	10	5.77 No	2.232 Thermal Discharging
RPL074	452	'6146424_/_6146421'		3	10	10	2.232	2.3	10	5.77 No	2.232 Thermal Discharging
RPL074	453	'6139686_/_6139683'		1.23	3.33	3.33	0.744	0.87	3.33	1.92 No	0.744 Thermal Discharging
RPL074	454	'8696585_/_8696582_1'		3.6	10	10	2.232	1.7	10	5.77 No	1.7 Element Fault
RPL074	455	'6147910_/_6147938'		3.6	10	10	2.232	2.3	10	5.77 No	2.232 Thermal Discharging
RPL074	456	'362319720_/_6152576_1'		1.2	3.33	3.33	0.744	0.5	3.33	1.92 No	0.5 Element Fault
RPL074	457	'6140098_/_6140095'		1.8	3.33	3.33	0.744	0.3	3.33	1.92 No	0.3 Element Fault
RPL074	458	'43857878_/_6150254'		1.3	3.33	3.33	0.744	0.77	3.33	1.92 No	0.744 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
											VSR (MW)	Limiting Threshold
RPL074	459	'6146444_/_6146441'			2.9	10	10	2.232	2.3	10	5.77 No	2.232 Thermal Discharging
RPL074	460	'6139443_/_6139441'			1.27	3.33	3.33	0.744	0.5	3.33	1.92 No	0.5 Element Fault
RPL074	461	'6139881_/_6139894'			1.3	3.33	3.33	0.744	0.3	3.33	1.92 No	0.3 Element Fault
RPL074	462	'387688911_/_387688881'			3.5	10	10	2.232	1.5	10	5.77 No	1.5 Element Fault
RPL074	463	'6139978_/_6139988'			1.3	3.33	3.33	0.744	0.3	3.33	1.92 No	0.3 Element Fault
RPL074	464	'6139727_/_6150215'			1.17	3.33	3.33	0.744	0.5	3.33	1.92 No	0.5 Element Fault
RPL074	465	'6142250_/_6142247'			1.13	3.33	3.33	0.744	0.87	3.33	1.92 No	0.744 Thermal Discharging
RPL074	466	'6140111_/_6140108'			1.63	3.33	3.33	0.744	0.3	3.33	1.92 No	0.3 Element Fault
RPL074	467	'43857369_/_43857371'			1.13	3.33	3.33	0.744	0.5	3.33	1.92 No	0.5 Element Fault
RPL074	468	'6146461_/_6146458'			2.7	10	10	2.232	2.3	10	5.77 No	2.232 Thermal Discharging
RPL074	469	'6152578_/_6152576_2'			1.03	3.33	3.33	0.744	0.5	3.33	1.92 No	0.5 Element Fault
RPL074	470	'6146649_/_6146663_1'			2.6	10	10	2.232	1.5	10	5.77 No	1.5 Element Fault
RPL074	471	'6137518_/_6147921'			3	10	10	2.232	2.3	10	5.77 No	2.232 Thermal Discharging
RPL074	472	'6139977_/_6139975'			1.17	3.33	3.33	0.744	0.3	3.33	1.92 No	0.3 Element Fault
RPL074	473	'8073468_/_8073465_1'			1.63	3.33	3.33	0.744	0.3	3.33	1.92 No	0.3 Element Fault
RPL074	474	'43856362_/_43856364'			1.13	3.33	3.33	0.744	0.3	3.33	1.92 No	0.3 Element Fault
RPL074	475	'6137594_/_6150267'			1.13	3.33	3.33	0.744	0.77	3.33	1.92 No	0.744 Thermal Discharging
RPL074	476	'6146666_/_6146663_2'			2.6	10	10	2.232	1.5	10	5.77 No	1.5 Element Fault
RPL074	477	'6146495_/_6146492'			2.5	10	10	2.232	2.3	10	5.77 No	2.232 Thermal Discharging
RPL074	478	'6140127_/_6140124'			1.47	3.33	3.33	0.744	0.3	3.33	1.92 No	0.3 Element Fault
RPL074	479	'6145699_/_6145709'			1.07	3.33	3.33	0.744	0.5	3.33	1.92 No	0.5 Element Fault
RPL074	480	'6146757_/_6146754_1'			2.5	10	10	2.232	1.5	10	5.77 No	1.5 Element Fault
RPL074	481	'6139728_/_6139725'			1	3.33	3.33	0.744	0.5	3.33	1.92 No	0.5 Element Fault
RPL074	482	'6146777_/_6146754_2'			2.5	10	10	2.232	1.5	10	5.77 No	1.5 Element Fault
RPL074	483	'6137595_/_6137592'			1.03	3.33	3.33	0.744	0.77	3.33	1.92 No	0.744 Thermal Discharging
RPL074	484	'43856417_/_43856419'			1.07	3.33	3.33	0.744	0.3	3.33	1.92 No	0.3 Element Fault
RPL074	485	'6142371_/_6142368'			1.03	3.33	3.33	0.744	0.3	3.33	1.92 No	0.3 Element Fault
RPL074	486	'6140570_/_6140567_2'			1.03	3.33	3.33	0.744	0.3	3.33	1.92 No	0.3 Element Fault
RPL074	487	'6139880_/_6139878'			1	3.33	3.33	0.744	0.3	3.33	1.92 No	0.3 Element Fault
RPL074	488	'6139431_/_6145696'			0.97	3.33	3.33	0.744	0.5	3.33	1.92 No	0.5 Element Fault
RPL074	489	'6137517_/_6137515'			2.6	10	10	2.232	2.3	10	5.77 No	2.232 Thermal Discharging
RPL074	490	'6137608_/_6137605'			0.97	3.33	3.33	0.744	0.77	3.33	1.92 No	0.744 Thermal Discharging
RPL074	491	'6139965_/_6140567_1'			0.97	3.33	3.33	0.744	0.3	3.33	1.92 No	0.3 Element Fault
RPL074	492	'6139418_/_6139428'			0.9	3.33	3.33	0.744	0.5	3.33	1.92 No	0.5 Element Fault
RPL074	493	'6140201_/_6142381'			0.93	3.33	3.33	0.744	0.3	3.33	1.92 No	0.3 Element Fault
RPL074	494	'6139744_/_6139741'			0.9	3.33	3.33	0.744	0.5	3.33	1.92 No	0.5 Element Fault
RPL074	495	'6137621_/_6137618'			0.9	3.33	3.33	0.744	0.77	3.33	1.92 No	0.744 Thermal Discharging
RPL074	496	'43856406_/_6139962'			0.9	3.33	3.33	0.744	0.3	3.33	1.92 No	0.3 Element Fault
RPL074	497	'6146477_/_6146509'			2.1	9.8	10	2.232	2.3	10	5.77 No	2.1 Primary Over-Voltage
RPL074	498	'6146272_/_6146270_1'			2.1	9.9	10	2.232	3.5	10	5.77 No	2.1 Primary Over-Voltage
RPL074	499	'6140214_/_6140211'			0.9	3.33	3.33	0.744	0.3	3.33	1.92 No	0.3 Element Fault
RPL074	500	'43855384_/_43855386'			2.3	10	10	2.232	2.3	10	5.77 No	2.232 Thermal Discharging
RPL074	501	'6139402_/_6139415'			0.83	3.33	3.33	0.744	0.5	3.33	1.92 No	0.5 Element Fault
RPL074	502	'43856405_/_6139946'			0.87	3.33	3.33	0.744	0.3	3.33	1.92 No	0.3 Element Fault
RPL074	503	'6140188_/_6140198'			0.83	3.33	3.33	0.744	0.3	3.33	1.92 No	0.3 Element Fault
RPL074	504	'6140230_/_6140227'			0.83	3.33	3.33	0.744	0.3	3.33	1.92 No	0.3 Element Fault
RPL074	505	'6139401_/_6139399'			0.8	3.33	3.33	0.744	0.5	3.33	1.92 No	0.5 Element Fault
RPL074	506	'43856290_/_6139754'			0.77	3.07	3.33	0.744	0.5	3.33	1.92 No	0.5 Element Fault
RPL074	507	'6140172_/_6140185'			0.77	3.33	3.33	0.744	0.3	3.33	1.92 No	0.3 Element Fault
RPL074	508	'67815845_/_6140493_2'			2.1	9.5	10	2.232	2.3	10	5.77 No	2.1 Primary Over-Voltage
RPL074	509	'43855409_/_6140493_1'			2	9.4	10	2.232	2.3	10	5.77 No	2 Primary Over-Voltage
RPL074	510	'6147723_/_6147720'			2	9.1	10	2.232	2.3	10	5.77 No	2 Primary Over-Voltage
RPL074	511	'391977566_/_391977513_1'			2	9.1	10	2.232	1.5	10	5.77 No	1.5 Element Fault
RPL074	512	'391977494_/_391977513_2'			2	9	10	2.232	1.5	10	5.77 No	1.5 Element Fault
RPL074	513	'43856450_/_43856452'			0.73	3.33	3.33	0.744	0.3	3.33	1.92 No	0.3 Element Fault
RPL074	514	'6150331_/_6150396'			1.9	8.5	10	2.232	2.3	10	5.77 No	1.9 Primary Over-Voltage
RPL074	515	'6139757_/_43856292'			0.67	2.67	3.33	0.744	0.5	3.33	1.92 No	0.5 Element Fault
RPL074	516	'6150332_/_6150329'			1.8	8.1	10	2.232	2.3	10	5.77 No	1.8 Primary Over-Voltage
RPL074	517	'407562368_/_407562293_1'			1.8	8.1	10	2.232	1.5	10	5.77 No	1.5 Element Fault
RPL074	518	'6140171_/_6140169'			0.67	3.17	3.33	0.744	0.3	3.33	1.92 No	0.3 Element Fault
RPL074	519	'6138486_/_6150346'			1.7	7.7	10	2.232	2.3	10	5.77 No	1.7 Primary Over-Voltage
RPL074	520	'407562274_/_407562293_2'			1.7	7.7	10	2.232	1.5	10	5.77 No	1.5 Element Fault
RPL074	521	'6138487_/_6138484'			1.7	7.4	10	2.232	2.3	10	5.77 No	1.7 Primary Over-Voltage
RPL074	522	'7750776_/_483257280'			0.53	1.97	3.33	0.744	0.5	3.33	1.92 No	0.5 Element Fault
RPL075	0	'RPL075_/_7752623'			10	10	10	0.4	10	10	5.08 No	0.4 Thermal Discharging
RPL075	1	'7439696_/_7752623'			10	10	10	0.4	10	10	5.08 No	0.4 Thermal Discharging
RPL075	2	'7439697_/_7439694'			10	10	10	0.4	10	10	5.08 No	0.4 Thermal Discharging
RPL075	3	'7752706_/_7752703'			10	10	10	0.4	10	10	5.08 No	0.4 Thermal Discharging
RPL075	4	'74823100_/_74823094'			10	10	10	0.4	10	10	5.08 No	0.4 Thermal Discharging
RPL075	5	'102220055_/_74823140_2'			6.2	10	10	0.4	10	10	5.08 No	0.4 Thermal Discharging
RPL075	6	'6220533_/_74823140_1'			6.2	10	10	0.4	10	10	5.08 No	0.4 Thermal Discharging
RPL075	7	'43871981_/_43871983'			6.2	10	10	0.4	10	10	5.08 No	0.4 Thermal Discharging
RPL075	8	'6218199_/_6220513'			6	10	10	0.4	10	10	5.08 No	0.4 Thermal Discharging
RPL075	9	'6218200_/_6218213_1'			2	3.33	3.33	0.136	0.5	3.33	1.69 No	0.136 Thermal Discharging
RPL075	10	'6220482_/_6220496'			5.9	10	10	0.4	10	10	5.08 No	0.4 Thermal Discharging
RPL075	11	'8388939_/_9645319_1'			5.8	10	10	0.4	1.5	10	5.08 No	0.4 Thermal Discharging
RPL075	12	'6220465_/_6220479'			5.7	10	10	0.4	10	10	5.08 No	0.4 Thermal Discharging
RPL075	13	'43871994_/_6218213_2'			1.87	3.33	3.33	0.136	0.5	3.33	1.69 No	0.136 Thermal Discharging
RPL075	14	'6220464_/_6220462'			5.6	10	10	0.4	10	10	5.08 No	0.4 Thermal Discharging
RPL075	15	'6220984_/_6220982'			5.4	10	10	0.4	10	10	5.08 No	0.4 Thermal Discharging
RPL075	16	'6226683_/_6226700'			5.3	10	10	0.4	10	10	5.08 No	0.4 Thermal Discharging
RPL075	17	'6218216_/_43871996'			1.7	3.33	3.33	0.136	0.5	3.33	1.69 No	0.136 Thermal Discharging
RPL075	18	'6226646_/_6226680'			5.2	10	10	0.4	10	10	5.08 No	0.4 Thermal Discharging
RPL075	19	'43871968_/_6226660'			5.1	10	10	0.4	10	10	5.08 No	0.4 Thermal Discharging
RPL075	20	'6226575_/_6226572'			5	10	10	0.4	10	10	5.08 No	0.4 Thermal Discharging
RPL075	21	'6202695_/_6226592'			4.9	10	10	0.4	10	10	5.08 No	0.4 Thermal Discharging
RPL075	22	'9019183_/_9019181_1'			4.9	10	10	0.4	1.5	10	5.08 No	0.4 Thermal Discharging
RPL075	23	'6202678_/_6202693'			4.8	10	10	0.4	10	10	5.08 No	0.4 Thermal Discharging
RPL075	24	'6203065_/_6203062'			4.7	10	10	0.4	10	10	5.08 No	0.4 Thermal Discharging
RPL075	25	'356947177_/_370494472_1'			4.7	10	10	0.4	1.6	10	5.08 No	0.4 Thermal Discharging
RPL075	26	'6203081_/_6203096'			4.7	10	10	0.4	10	10	5.08 No	0.4 Thermal Discharging
RPL075	27	'67692750_/_67692723'			4.7	10	10	0.4	10	10	5.08 No	0.4 Thermal Discharging
RPL075	28	'7753463_/_7753461_1'			4.7	10	10	0.4	2.4	10	5.08 No	0.4 Thermal Discharging
RPL075	29	'67692126_/_67692528'			4.6	10	10	0.4	10	10	5.08 No	0.4 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over- Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RPL075	30	'43872031___/370494472_2'		4.4	10	10	0.4	1.6	10	5.08 No	0.4 Thermal Discharging
RPL075	31	'67692089_/67692123'		4.4	10	10	0.4	1.6	10	5.08 No	0.4 Thermal Discharging
RPL075	32	'73518120___/6202801_1'		4.4	10	10	0.4	1.6	10	5.08 No	0.4 Thermal Discharging
RPL075	33	'9645322___/9645319_2'		3.9	10	10	0.4	1.5	10	5.08 No	0.4 Thermal Discharging
RPL075	34	'67691983___/67692086'		4.3	10	10	0.4	1.6	10	5.08 No	0.4 Thermal Discharging
RPL075	35	'43873033___/6202801_2'		4.1	10	10	0.4	1.6	10	5.08 No	0.4 Thermal Discharging
RPL075	36	'67692075___/67691980'		4.1	10	10	0.4	1.6	10	5.08 No	0.4 Thermal Discharging
RPL075	37	'367974002___/9019181_2'		3.9	10	10	0.4	1.5	10	5.08 No	0.4 Thermal Discharging
RPL075	38	'86436822___/67691918_2'		4.1	10	10	0.4	4.7	10	5.08 No	0.4 Thermal Discharging
RPL075	39	'67691867___/67691888'		4.1	10	10	0.4	1.6	10	5.08 No	0.4 Thermal Discharging
RPL075	40	'67691913___/67691918_1'		4	10	10	0.4	1.5	10	5.08 No	0.4 Thermal Discharging
RPL075	41	'43873047___/43873035'		4	10	10	0.4	1.6	10	5.08 No	0.4 Thermal Discharging
RPL075	42	'67691596___/67691864'		4	10	10	0.4	1.6	10	5.08 No	0.4 Thermal Discharging
RPL075	43	'6222493___/6222490'		3.8	10	10	0.4	1.6	10	5.08 No	0.4 Thermal Discharging
RPL075	44	'67691591___/67691593'		3.9	10	10	0.4	1.6	10	5.08 No	0.4 Thermal Discharging
RPL075	45	'67691738___/67691743'		3.9	10	10	0.4	4.8	10	5.08 No	0.4 Thermal Discharging
RPL075	46	'6226484___/67691563'		3.8	10	10	0.4	1.6	10	5.08 No	0.4 Thermal Discharging
RPL075	47	'6222544___/6222561_1'		3.7	10	10	0.4	1.6	10	5.08 No	0.4 Thermal Discharging
RPL075	48	'67691779___/6226316_1'		3.8	10	10	0.4	1.6	10	5.08 No	0.4 Thermal Discharging
RPL075	49	'67692187___/6226481'		3.8	10	10	0.4	1.6	10	5.08 No	0.4 Thermal Discharging
RPL075	50	'43872005___/6226390'		3.7	10	10	0.4	1.5	10	5.08 No	0.4 Thermal Discharging
RPL075	51	'43871752___/6226501'		3.8	10	10	0.4	1.6	10	5.08 No	0.4 Thermal Discharging
RPL075	52	'43872044___/6226410'		3.6	10	10	0.4	1.6	10	5.08 No	0.4 Thermal Discharging
RPL075	53	'125875017___/119528881'		3.7	10	10	0.4	1.6	10	5.08 No	0.4 Thermal Discharging
RPL075	54	'401665414___/401665269_1'		3.8	10	10	0.4	1.6	10	5.08 No	0.4 Thermal Discharging
RPL075	55	'67692629___/67692364_1'		3.7	10	10	0.4	1.6	10	5.08 No	0.4 Thermal Discharging
RPL075	56	'6226264___/43871754'		3.7	10	10	0.4	1.6	10	5.08 No	0.4 Thermal Discharging
RPL075	57	'6226265___/6226279_1'		3.7	10	10	0.4	1.6	10	5.08 No	0.4 Thermal Discharging
RPL075	58	'6226541___/6226538'		3.7	10	10	0.4	1.6	10	5.08 No	0.4 Thermal Discharging
RPL075	59	'240648004___/129518263_1'		3.5	10	10	0.4	1	10	5.08 No	0.4 Thermal Discharging
RPL075	60	'43871778___/6226316_2'		3.6	10	10	0.4	1.6	10	5.08 No	0.4 Thermal Discharging
RPL075	61	'6221329___/6222524'		3.5	10	10	0.4	1.6	10	5.08 No	0.4 Thermal Discharging
RPL075	62	'67692306___/67692364_2'		3.6	10	10	0.4	1.6	10	5.08 No	0.4 Thermal Discharging
RPL075	63	'6226282___/6226279_2'		3.6	10	10	0.4	1.6	10	5.08 No	0.4 Thermal Discharging
RPL075	64	'6222564___/6222561_2'		3.5	10	10	0.4	1.6	10	5.08 No	0.4 Thermal Discharging
RPL075	65	'401664936___/401665269_2'		3.5	10	10	0.4	1.6	10	5.08 No	0.4 Thermal Discharging
RPL075	66	'401664929___/401664934'		3.5	10	10	0.4	1.6	10	5.08 No	0.4 Thermal Discharging
RPL075	67	'401664928___/401664926'		3.5	10	10	0.4	4.7	10	5.08 No	0.4 Thermal Discharging
RPL075	68	'401664952___/401664950'		3.5	10	10	0.4	1.6	10	5.08 No	0.4 Thermal Discharging
RPL075	69	'401664944___/401664942'		3.5	10	10	0.4	1.6	10	5.08 No	0.4 Thermal Discharging
RPL075	70	'401665121___/401665173'		3.4	10	10	0.4	1.6	10	5.08 No	0.4 Thermal Discharging
RPL075	71	'6221330___/43872845'		3.3	10	10	0.4	1.6	10	5.08 No	0.4 Thermal Discharging
RPL075	72	'6221310___/43872007'		3.3	10	10	0.4	1.5	10	5.08 No	0.4 Thermal Discharging
RPL075	73	'6217837___/43871780'		3.3	10	10	0.4	1.6	10	5.08 No	0.4 Thermal Discharging
RPL075	74	'90758695___/90758703'		3.3	10	10	0.4	1.6	10	5.08 No	0.4 Thermal Discharging
RPL075	75	'358382010___/9645551'		3.2	10	10	0.4	1.6	10	5.08 No	0.4 Thermal Discharging
RPL075	76	'6221382___/6221379'		3.1	10	10	0.4	1.6	10	5.08 No	0.4 Thermal Discharging
RPL075	77	'9332085___/9645299_1'		3.1	9.9	10	0.4	1.5	10	5.08 No	0.4 Thermal Discharging
RPL075	78	'226617997___/7753421'		3.2	10	10	0.4	1.6	10	5.08 No	0.4 Thermal Discharging
RPL075	79	'7753424___/226618005_2'		3	9.8	10	0.4	1.6	10	5.08 No	0.4 Thermal Discharging
RPL075	80	'67815971___/226618005_1'		3	9.8	10	0.4	1.6	10	5.08 No	0.4 Thermal Discharging
RPL075	81	'6220380___/6220377_2'		3	9.8	10	0.4	1.6	10	5.08 No	0.4 Thermal Discharging
RPL075	82	'43871791___/6217851'		3	9.5	10	0.4	1.6	10	5.08 No	0.4 Thermal Discharging
RPL075	83	'6217763___/90758662'		3	9.6	10	0.4	1.6	10	5.08 No	0.4 Thermal Discharging
RPL075	84	'6220363___/6220377_1'		3	9.7	10	0.4	1.6	10	5.08 No	0.4 Thermal Discharging
RPL075	85	'7753464___/7753461_2'		2.9	9.3	10	0.4	2.4	10	5.08 No	0.4 Thermal Discharging
RPL075	86	'6220362___/6220360'		3	9.5	10	0.4	1.6	10	5.08 No	0.4 Thermal Discharging
RPL075	87	'6221577___/6221591'		2.9	9.3	10	0.4	1.6	10	5.08 No	0.4 Thermal Discharging
RPL075	88	'7440095___/129518263_2'		2.8	8.9	10	0.4	1	10	5.08 No	0.4 Thermal Discharging
RPL075	89	'6221505___/6221574'		2.9	9.2	10	0.4	1.6	10	5.08 No	0.4 Thermal Discharging
RPL075	90	'6221506___/6221518_1'		2.9	9.2	10	0.4	1.5	10	5.08 No	0.4 Thermal Discharging
RPL075	91	'6221559___/6221557'		2.9	9.2	10	0.4	1.6	10	5.08 No	0.4 Thermal Discharging
RPL075	92	'67815966___/6221608_1'		2.8	9	10	0.4	1.6	10	5.08 No	0.4 Thermal Discharging
RPL075	93	'43872718___/6221608_2'		2.8	9	10	0.4	1.6	9.99	5.08 No	0.4 Thermal Discharging
RPL075	94	'6217871___/6217868'		2.8	8.6	10	0.4	1.6	10	5.08 No	0.4 Thermal Discharging
RPL075	95	'6202962___/43872720'		2.8	8.9	10	0.4	1.6	9.91	5.08 No	0.4 Thermal Discharging
RPL075	96	'6217782___/7162149'		2.8	8.6	10	0.4	1.6	10	5.08 No	0.4 Thermal Discharging
RPL075	97	'457734135___/8699300_2'		2.8	8.9	10	0.4	1.6	9.9	5.08 No	0.4 Thermal Discharging
RPL075	98	'6221521___/6221518_2'		2.8	8.8	10	0.4	1.5	9.95	5.08 No	0.4 Thermal Discharging
RPL075	99	'8389364___/9645299_2'		2.7	8.5	10	0.4	1.5	10	5.08 No	0.4 Thermal Discharging
RPL075	100	'67815928___/6202960'		2.8	8.8	10	0.4	1.6	9.85	5.08 No	0.4 Thermal Discharging
RPL075	101	'7440054___/7440052_2'		2.8	8.6	10	0.4	1.6	10	5.08 No	0.4 Thermal Discharging
RPL075	102	'7420950___/8699300_1'		2.8	8.8	10	0.4	1.6	9.83	5.08 No	0.4 Thermal Discharging
RPL075	103	'43873188___/6202923'		2.8	8.8	10	0.4	1.6	9.8	5.08 No	0.4 Thermal Discharging
RPL075	104	'6202943___/6202940'		2.7	8.7	10	0.4	1.6	9.73	5.08 No	0.4 Thermal Discharging
RPL075	105	'6222807___/6222804'		2.7	8.6	10	0.4	1.6	9.67	5.08 No	0.4 Thermal Discharging
RPL075	106	'8070021___/8070019_1'		2.7	8.7	10	0.4	1.5	9.68	5.08 No	0.4 Thermal Discharging
RPL075	107	'525761861___/6222871'		2.7	8.6	10	0.4	1.6	9.65	5.08 No	0.4 Thermal Discharging
RPL075	108	'568940580___/525761960_1'		2.7	8.6	10	0.4	1.5	9.62	5.08 No	0.4 Thermal Discharging
RPL075	109	'43873201___/525761865'		2.7	8.6	10	0.4	1.6	9.6	5.08 No	0.4 Thermal Discharging
RPL075	110	'537631275___/537631247_1'		2.7	8.5	10	0.4	1.6	9.59	5.08 No	0.4 Thermal Discharging
RPL075	111	'525761808___/525761790_1'		2.7	8.5	10	0.4	1.5	9.55	5.08 No	0.4 Thermal Discharging
RPL075	112	'349788043___/349787996'		2.6	8.3	10	0.4	1.5	9.67	5.08 No	0.4 Thermal Discharging
RPL075	113	'37961969___/537631247_2'		2.6	8.4	10	0.4	1.6	9.5	5.08 No	0.4 Thermal Discharging
RPL075	114	'67816004___/537631313'		2.6	8.4	10	0.4	1.6	9.49	5.08 No	0.4 Thermal Discharging
RPL075	115	'37961941___/537631307'		2.6	8.4	10	0.4	1.6	9.49	5.08 No	0.4 Thermal Discharging
RPL075	116	'9019010___/537631327'		2.6	8.4	10	0.4	1.6	9.46	5.08 No	0.4 Thermal Discharging
RPL075	117	'43871675___/349788045'		1.73	5.47	6.67	0.264	1	6.37	0.264	Thermal Discharging
RPL075	118	'43871804___/6217885'		2.6	7.9	10	0.4	1.6	9.84	5.08 No	0.4 Thermal Discharging
RPL075	119	'8070022___/8070019_2'		2.6	8.2	10	0.4	1.5	9.46	5.08 No	0.4 Thermal Discharging
RPL075	120	'6217888___/9018835_2'		2.6	7.9	10	0.4	1.6	9.82	5.08 No	0.4 Thermal Discharging
RPL075	121	'7440055___/7440052_1'		2.6	7.9	10	0.4	1	9.81	5.08 No	0.4 Thermal Discharging
RPL075	122	'6217783___/43871819'		2.6	7.9	10	0.4	1.6	9.67	5.08 No	0.4 Thermal Discharging
RPL075	123	'446001866___/426196195_1'		2.6	7.9	10	0.4	0.9	9.64	5.08 No	0.4 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RPL075	124	'8070213_/_/8389362'		2.5	7.7	10	0.4	1.5	9.84	5.08 No	0.4 Thermal Discharging
RPL075	125	'8070214_/_/8070211'		2.5	7.7	10	0.4	1.5	9.82	5.08 No	0.4 Thermal Discharging
RPL075	126	'88356095_/_/88356106'		2.5	7.5	10	0.4	1	9.55	5.08 No	0.4 Thermal Discharging
RPL075	127	'6217803_/_/6217800'		2.5	7.5	10	0.4	1.6	9.45	5.08 No	0.4 Thermal Discharging
RPL075	128	'446802653_/_/426196195_2'		2.5	7.5	10	0.4	0.9	9.41	5.08 No	0.4 Thermal Discharging
RPL075	129	'37962116_/_/9019281'		2.4	7.4	10	0.4	1.5	9.57	5.08 No	0.4 Thermal Discharging
RPL075	130	'37962109_/_/37962120'		2.4	7.4	10	0.4	1.5	9.56	5.08 No	0.4 Thermal Discharging
RPL075	131	'37962102_/_/37962106'		2.4	7.4	10	0.4	1.5	9.56	5.08 No	0.4 Thermal Discharging
RPL075	132	'69051688_/_/37962127'		2.4	7.4	10	0.4	1.5	9.56	5.08 No	0.4 Thermal Discharging
RPL075	133	'69051663_/_/37962134'		2.4	7.4	10	0.4	1.5	9.56	5.08 No	0.4 Thermal Discharging
RPL075	134	'446802704_/_/446802723'		2.5	7.5	10	0.4	0.9	9.37	5.08 No	0.4 Thermal Discharging
RPL075	135	'9018838_/_/9018835_1'		2.4	7.3	10	0.4	1	9.34	5.08 No	0.4 Thermal Discharging
RPL075	136	'6217820_/_/43871832'		2.4	7.3	10	0.4	1.6	9.23	5.08 No	0.4 Thermal Discharging
RPL075	137	'7420841_/_/8389382'		0.8	2.4	3.33	0.136	0.5	3.13	1.69 No	0.136 Thermal Discharging
RPL075	138	'525761930_/_/525761960_2'		2.4	7.4	10	0.4	1.5	8.89	5.08 No	0.4 Thermal Discharging
RPL075	139	'525761774_/_/525761790_2'		2.3	7.3	10	0.4	1.5	8.83	5.08 No	0.4 Thermal Discharging
RPL075	140	'568940550_/_/525761948'		2.3	7.2	10	0.4	1.5	8.74	5.08 No	0.4 Thermal Discharging
RPL075	141	'6221194_/_/6221191'		2.3	6.8	10	0.4	1.6	8.82	5.08 No	0.4 Thermal Discharging
RPL075	142	'66705307_/_/9332062_1'		2.3	6.8	10	0.4	0.9	8.81	5.08 No	0.4 Thermal Discharging
RPL075	143	'8389131_/_/8699000'		2.2	6.7	10	0.4	2.4	9.01	5.08 No	0.4 Thermal Discharging
RPL075	144	'6221214_/_/6221211'		0.73	2.23	3.33	0.136	0.53	2.91	1.69 No	0.136 Thermal Discharging
RPL075	145	'9332065_/_/9332062_2'		2.2	6.6	10	0.4	0.9	8.68	5.08 No	0.4 Thermal Discharging
RPL075	146	'8389130_/_/8389398'		1.9	5.9	10	0.4	1.5	8.16	5.08 No	0.4 Thermal Discharging
RPL075	147	'108760777_/_/8389128_1'		1.8	5.6	10	0.4	2.4	7.8	5.08 No	0.4 Thermal Discharging
RPL075	148	'7420842_/_/7420839'		0.57	1.7	3.33	0.136	0.5	2.45	1.69 No	0.136 Thermal Discharging
RPO311	0	'RPO311_/_/742063327_1'		10	10	10	2.4	10	10	10 No	2.4 Thermal Discharging
RPO311	1	'746780792_/_/742063327_1'		10	10	10	2.4	10	10	1 No	1 Unintentional Islanding
RPO311	2	'746779701_/_/742063327_2'		10	10	10	2.4	10	10	1 No	1 Unintentional Islanding
RPO311	3	'746779830_/_/746779827'		10	10	10	2.4	10	10	1 No	1 Unintentional Islanding
RPO311	4	'746779848_/_/746779845'		10	10	10	2.4	10	10	1 No	1 Unintentional Islanding
RPO311	5	'746779866_/_/746779863'		10	10	10	2.4	10	10	1 No	1 Unintentional Islanding
RPO311	6	'746779890_/_/746779887'		10	10	10	2.4	10	10	1 No	1 Unintentional Islanding
RPO311	7	'746779908_/_/746779905'		10	10	10	2.4	10	10	1 No	1 Unintentional Islanding
RPO311	8	'746779926_/_/746779923'		10	10	10	2.4	10	10	1 No	1 Unintentional Islanding
RPO311	9	'746779944_/_/746779941'		10	10	10	2.4	10	10	1 No	1 Unintentional Islanding
RPO311	10	'746779962_/_/746779959'		10	10	10	2.4	10	10	1 No	1 Unintentional Islanding
RPO311	11	'746779980_/_/746779977'		10	10	10	2.4	10	10	1 No	1 Unintentional Islanding
RPO311	12	'746779998_/_/746779995'		10	10	10	2.4	10	10	1 No	1 Unintentional Islanding
RPO311	13	'746780016_/_/746780013'		10	10	10	2.4	10	10	1 No	1 Unintentional Islanding
RPO311	14	'746780132_/_/746780059_1'		10	10	10	2.4	10	10	1 No	1 Unintentional Islanding
RPO311	15	'746780082_/_/746780059_2'		10	10	10	2.4	10	10	1 No	1 Unintentional Islanding
RPO311	16	'324886270_/_/746780059_3'		10	10	10	2.4	10	10	1 No	1 Unintentional Islanding
RPO311	17	'746780522_/_/336701551'		10	10	10	2.4	10	10	1 No	1 Unintentional Islanding
RPO311	18	'324886245_/_/324886267'		10	10	10	2.4	10	10	1 No	1 Unintentional Islanding
RPO311	19	'324886220_/_/324886242'		10	10	10	2.4	10	10	1 No	1 Unintentional Islanding
RPO311	20	'324886219_/_/324886217'		10	10	10	2.4	10	10	1 No	1 Unintentional Islanding
RPO311	21	'351823137_/_/351823047_1'		10	10	10	2.4	1.4	10	1 No	1 Unintentional Islanding
RPO311	22	'351823144_/_/351823047_2'		10	10	10	2.4	1.4	10	1 No	1 Unintentional Islanding
RPO311	23	'4445271_/_/324886192'		10	10	10	2.4	10	10	1 No	1 Unintentional Islanding
RPO311	24	'324886168_/_/336702821'		10	10	10	2.4	10	10	1 No	1 Unintentional Islanding
RPO311	25	'324886113_/_/324886130'		10	10	10	2.4	10	10	1 No	1 Unintentional Islanding
RPO311	26	'350502633_/_/350502635'		10	10	10	2.4	10	10	1 No	1 Unintentional Islanding
RPO311	27	'51897787_/_/324886110'		10	10	10	2.4	10	10	1 No	1 Unintentional Islanding
RPO311	28	'336702754_/_/324886086_1'		10	10	10	2.4	10	10	1 No	1 Unintentional Islanding
RPO311	29	'454449773_/_/324886086_2'		10	10	10	2.4	10	10	1 No	1 Unintentional Islanding
RPO311	30	'324886042_/_/324886086_3'		10	10	10	2.4	10	10	1 No	1 Unintentional Islanding
RPO311	31	'324886062_/_/324886039'		10	10	10	2.4	10	10	1 No	1 Unintentional Islanding
RPO311	32	'324884634_/_/324886059'		10	10	10	2.4	10	10	1 No	1 Unintentional Islanding
RPO311	33	'324886001_/_/324886024'		10	10	10	2.4	10	10	1 No	1 Unintentional Islanding
RPO311	34	'4449268_/_/324885998'		10	10	10	2.4	10	10	1 No	1 Unintentional Islanding
RPO311	35	'336701761_/_/336701703_2'		3.33	3.33	3.33	0.8	3.33	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	36	'4449235_/_/324885970'		10	10	10	2.4	10	10	1 No	1 Unintentional Islanding
RPO311	37	'351822955_/_/351822891_1'		10	10	10	2.4	1.5	10	1 No	1 Unintentional Islanding
RPO311	38	'351822962_/_/351822891_2'		10	10	10	2.4	1.5	10	1 No	1 Unintentional Islanding
RPO311	39	'324885932_/_/324885955'		10	10	10	2.4	10	10	1 No	1 Unintentional Islanding
RPO311	40	'4449218_/_/324885929'		10	10	10	2.4	10	10	1 No	1 Unintentional Islanding
RPO311	41	'324885848_/_/324885897'		10	10	10	2.4	10	10	1 No	1 Unintentional Islanding
RPO311	42	'324885878_/_/324885845'		10	10	10	2.4	10	10	1 No	1 Unintentional Islanding
RPO311	43	'4446747_/_/324885875'		10	10	10	2.4	10	10	1 No	1 Unintentional Islanding
RPO311	44	'324885801_/_/324885830'		10	10	10	2.4	10	10	1 No	1 Unintentional Islanding
RPO311	45	'336701706_/_/336701703_1'		3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	46	'324885781_/_/324885798'		10	10	10	2.4	10	10	1 No	1 Unintentional Islanding
RPO311	47	'324885761_/_/324885778'		10	10	10	2.4	10	10	1 No	1 Unintentional Islanding
RPO311	48	'324885741_/_/324885758'		10	10	10	2.4	10	10	1 No	1 Unintentional Islanding
RPO311	49	'324885721_/_/324885738'		10	10	10	2.4	10	10	1 No	1 Unintentional Islanding
RPO311	50	'388202969_/_/388202971'		10	10	10	2.4	10	10	1 No	1 Unintentional Islanding
RPO311	51	'388203040_/_/388203057'		10	10	10	2.4	10	10	1 No	1 Unintentional Islanding
RPO311	52	'4447801_/_/388203083'		10	10	10	2.4	10	10	1 No	1 Unintentional Islanding
RPO311	53	'388202655_/_/388203037'		10	10	10	2.4	10	10	1 No	1 Unintentional Islanding
RPO311	54	'388202635_/_/388202652'		10	10	10	2.4	10	10	1 No	1 Unintentional Islanding
RPO311	55	'43515669_/_/4447798'		10	10	10	2.4	10	10	1 No	1 Unintentional Islanding
RPO311	56	'388203000_/_/388202997'		10	10	10	2.4	10	10	1 No	1 Unintentional Islanding
RPO311	57	'393846783_/_/393846743_2'		10	10	10	2.4	10	10	1 No	1 Unintentional Islanding
RPO311	58	'9400410_/_/388203017'		10	10	10	2.4	10	10	1 No	1 Unintentional Islanding
RPO311	59	'4447767_/_/4447781'		10	10	10	2.4	10	10	1 No	1 Unintentional Islanding
RPO311	60	'388202615_/_/388202632'		10	10	10	2.4	10	10	1 No	1 Unintentional Islanding
RPO311	61	'393846653_/_/393846743_1'		10	10	10	2.4	2.3	10	1 No	1 Unintentional Islanding
RPO311	62	'156567980_/_/8139613_2'		10	10	10	2.4	10	10	1 No	1 Unintentional Islanding
RPO311	63	'4448153_/_/4448167'		10	10	10	2.4	10	10	1 No	1 Unintentional Islanding
RPO311	64	'4447750_/_/4447764'		10	10	10	2.4	10	10	1 No	1 Unintentional Islanding
RPO311	65	'388202595_/_/388202612'		10	10	10	2.4	10	10	1 No	1 Unintentional Islanding
RPO311	66	'4448136_/_/4448150'		10	10	10	2.4	10	10	1 No	1 Unintentional Islanding
RPO311	67	'4447733_/_/4447747'		10	10	10	2.4	10	10	1 No	1 Unintentional Islanding
RPO311	68	'388202575_/_/388202592'		10	10	10	2.4	10	10	1 No	1 Unintentional Islanding

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RPO311	69	'4448119_/_4448133'		10	10	10	2.4	10	10	1 No	1 Unintentional Islanding
RPO311	70	'406283750_/_4446418_1'	3.33	3.33	3.33	3.33	0.8	0.7	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	71	'4447716_/_4447730'		10	10	10	2.4	10	10	1 No	1 Unintentional Islanding
RPO311	72	'388202555_/_388202572'		10	10	10	2.4	10	10	1 No	1 Unintentional Islanding
RPO311	73	'7320305_/_7320303_1'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	74	'4448102_/_4448116'		10	10	10	2.4	10	10	1 No	1 Unintentional Islanding
RPO311	75	'156568032_/_156284548_2'	3.33	3.33	3.33	3.33	0.8	3.33	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	76	'4447699_/_4447713'		10	10	10	2.4	10	10	1 No	1 Unintentional Islanding
RPO311	77	'124697293_/_156554206_2'	3.33	3.33	3.33	3.33	0.8	3.33	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	78	'7320322_/_7320319_2'	3.33	3.33	3.33	3.33	0.8	3.33	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	79	'124697308_/_156284548_1'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	80	'388202535_/_388202552'		10	10	10	2.4	10	10	1 No	1 Unintentional Islanding
RPO311	81	'4448085_/_4448099'		10	10	10	2.4	10	10	1 No	1 Unintentional Islanding
RPO311	82	'565039077_/_565038342_1'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	83	'4447682_/_4447696'		10	10	10	2.4	10	10	1 No	1 Unintentional Islanding
RPO311	84	'124697286_/_156554206_1'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	85	'743131564_/_743131561'		10	10	10	2.4	10	10	1 No	1 Unintentional Islanding
RPO311	86	'4448068_/_4448082'		10	10	10	2.4	10	10	1 No	1 Unintentional Islanding
RPO311	87	'482897670_/_4447659'		10	10	10	2.4	10	10	1 No	1 Unintentional Islanding
RPO311	88	'482897763_/_482897722_1'		10	10	10	2.4	3.6	10	1 No	1 Unintentional Islanding
RPO311	89	'350003071_/_350003035_1'		10	10	10	2.4	3.7	10	1 No	1 Unintentional Islanding
RPO311	90	'744428099_/_744428076_1'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	91	'4446365_/_4448065'		10	10	10	2.4	10	10	1 No	1 Unintentional Islanding
RPO311	92	'4447645_/_482897674'		10	10	10	2.4	10	10	1 No	1 Unintentional Islanding
RPO311	93	'743131582_/_743131579'		10	10	10	2.4	10	10	1 No	1 Unintentional Islanding
RPO311	94	'4448034_/_4448048'		10	10	10	2.4	10	10	1 No	1 Unintentional Islanding
RPO311	95	'4447628_/_4447642'		10	10	10	2.4	10	10	1 No	1 Unintentional Islanding
RPO311	96	'743131600_/_743131597'		10	10	10	2.4	10	10	1 No	1 Unintentional Islanding
RPO311	97	'8139616_/_8139613_1'		10	10	10	2.4	3.6	10	1 No	1 Unintentional Islanding
RPO311	98	'156685898_/_4446376_2'	3.33	3.33	3.33	3.33	0.8	2.8	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	99	'744428046_/_744428076_2'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	100	'4448017_/_4448031'		10	10	10	2.4	10	10	1 No	1 Unintentional Islanding
RPO311	101	'4446379_/_4446376_1'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	102	'4447627_/_4447625'		10	10	10	2.4	10	10	1 No	1 Unintentional Islanding
RPO311	103	'482897706_/_482897722_2'		10	10	10	2.4	3.6	10	1 No	1 Unintentional Islanding
RPO311	104	'350003016_/_350003035_2'		10	10	10	2.4	3.7	10	1 No	1 Unintentional Islanding
RPO311	105	'743131618_/_743131615'		10	10	10	2.4	10	10	1 No	1 Unintentional Islanding
RPO311	106	'4448000_/_4448014'		10	10	10	2.4	10	10	1 No	1 Unintentional Islanding
RPO311	107	'388203239_/_388203236'		10	10	10	2.4	10	10	1 No	1 Unintentional Islanding
RPO311	108	'4447977_/_4447997'		10	10	10	2.4	10	10	1 No	1 Unintentional Islanding
RPO311	109	'566947984_/_566948009'		10	10	10	2.4	10	10	1 No	1 Unintentional Islanding
RPO311	110	'692036239_/_566948093_1'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	111	'743131636_/_743131633'		10	10	10	2.4	10	10	1 No	1 Unintentional Islanding
RPO311	112	'388203259_/_388203256'		10	10	10	2.4	10	10	1 No	1 Unintentional Islanding
RPO311	113	'709295064_/_709295068'		10	10	10	2.4	10	10	1 No	1 Unintentional Islanding
RPO311	114	'156955855_/_156955814_2'	3.33	3.33	3.33	3.33	0.8	3.33	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	115	'7320306_/_7320303_2'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	116	'743131654_/_743131651'		10	10	10	2.4	10	10	1 No	1 Unintentional Islanding
RPO311	117	'440310808_/_388203276'		10	10	10	2.4	10	10	1 No	1 Unintentional Islanding
RPO311	118	'43515643_/_436547881'		10	10	10	2.4	10	10	1 No	1 Unintentional Islanding
RPO311	119	'566947966_/_566947981'		10	10	10	2.4	10	10	1 No	1 Unintentional Islanding
RPO311	120	'743131672_/_743131669'		10	10	10	2.4	10	10	1 No	1 Unintentional Islanding
RPO311	121	'743131769_/_743131766'		10	10	10	2.4	10	10	1 No	1 Unintentional Islanding
RPO311	122	'566947948_/_566947963'		10	10	10	2.4	10	10	1 No	1 Unintentional Islanding
RPO311	123	'4447588_/_395813878'		10	10	10	2.4	10	10	1 No	1 Unintentional Islanding
RPO311	124	'74901168_/_9524818_2'	3.33	3.33	3.33	3.33	0.8	3.33	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	125	'743131787_/_743131784'		10	10	10	2.4	10	10	1 No	1 Unintentional Islanding
RPO311	126	'566947930_/_566947945'		10	10	10	2.4	10	10	1 No	1 Unintentional Islanding
RPO311	127	'124697484_/_156955814_1'	3.33	3.33	3.33	3.33	0.8	0.4	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	128	'4446421_/_4446418_2'	3.33	3.33	3.33	3.33	0.8	0.7	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	129	'4447571_/_395813912'		10	10	10	2.4	10	10	1 No	1 Unintentional Islanding
RPO311	130	'8579171_/_544432372'	1.1	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	131	'566947912_/_566947927'		10	10	10	2.4	10	10	1 No	1 Unintentional Islanding
RPO311	132	'400727419_/_9525488_2'	3.33	3.33	3.33	3.33	0.8	3.33	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	133	'743131805_/_743131802'		10	10	10	2.4	10	10	1 No	1 Unintentional Islanding
RPO311	134	'744428291_/_744427966_1'		10	10	10	2.4	3.7	10	1 No	1 Unintentional Islanding
RPO311	135	'637156234_/_637156178_2'	3.33	3.33	3.33	3.33	0.8	3.33	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	136	'4447943_/_566947909'		10	10	10	2.4	10	10	1 No	1 Unintentional Islanding
RPO311	137	'743131823_/_743131820'		10	10	10	2.4	10	10	1 No	1 Unintentional Islanding
RPO311	138	'4447551_/_395813937'		10	10	10	2.4	10	10	1 No	1 Unintentional Islanding
RPO311	139	'9713161_/_9713158'		10	10	10	2.4	3.6	10	1 No	1 Unintentional Islanding
RPO311	140	'744428481_/_743133285_1'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	141	'4447923_/_4447940'		10	10	10	2.4	10	10	1 No	1 Unintentional Islanding
RPO311	142	'124695948_/_4446392'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	143	'642068982_/_566947807_2'	3.33	3.33	3.33	3.33	0.8	3.33	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	144	'743131841_/_743131838'		10	10	10	2.4	10	10	1 No	1 Unintentional Islanding
RPO311	145	'566948096_/_566948093_2'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	146	'388203511_/_388203508'		10	10	10	2.4	10	10	1 No	1 Unintentional Islanding
RPO311	147	'743133214_/_743133285_2'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	148	'121631421_/_121631423'		10	10	10	2.4	10	10	1 No	1 Unintentional Islanding
RPO311	149	'743133321_/_743133276_1'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	150	'709294704_/_709294708'		10	10	10	2.4	10	10	1 No	1 Unintentional Islanding
RPO311	151	'743131859_/_743131856'		10	10	10	2.4	10	10	1 No	1 Unintentional Islanding
RPO311	152	'388203531_/_388203528'		10	10	10	2.4	10	10	1 No	1 Unintentional Islanding
RPO311	153	'4446299_/_4447920'		10	10	10	2.4	10	10	1 No	1 Unintentional Islanding
RPO311	154	'727694762_/_743133220'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	155	'716552003_/_744427966_2'		10	10	10	2.4	3.7	10	1 No	1 Unintentional Islanding
RPO311	156	'4446797_/_4446794'	3.33	3.33	3.33	3.33	0.8	0.7	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	157	'743131877_/_743131874'		10	10	10	2.4	10	10	1 No	1 Unintentional Islanding
RPO311	158	'388203551_/_388203548'		10	10	10	2.4	10	10	1 No	1 Unintentional Islanding
RPO311	159	'388203490_/_388203568'		10	10	10	2.4	10	10	1 No	1 Unintentional Islanding
RPO311	160	'416269206_/_398670577_1'	3.33	3.33	3.33	3.33	0.8	0.9	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	161	'416269095_/_416269097'		10	10	10	2.4	10	10	1 No	1 Unintentional Islanding
RPO311	162	'121631364_/_566948335'		10	10	10	2.4	10	10	1 No	1 Unintentional Islanding

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RPO311	163	'743131895_/743131892'		10	10	10	2.4	10	10	1 No	1 Unintentional Islanding
RPO311	164	'416269152_/398670577_2'	3.33	3.33	3.33	3.33	0.8	0.9	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	165	'4447889_/566948381'		10	10	10	2.4	10	10	1 No	1 Unintentional Islanding
RPO311	166	'388203783_/388203608'		10	10	10	2.4	10	10	1 No	1 Unintentional Islanding
RPO311	167	'53843307_/409709486'		10	10	10	2.4	3.7	10	1 No	1 Unintentional Islanding
RPO311	168	'744427982_/727694778_2'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	169	'415538443_/398670588_1'	3.33	3.33	3.33	3.33	0.8	0.9	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	170	'743133246_/743133276_2'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	171	'743131913_/743131910'		10	10	10	2.4	10	10	1 No	1 Unintentional Islanding
RPO311	172	'7950596_/637156178_1'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	173	'8899556_/9213104'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	174	'566947662_/566948363'		10	10	10	2.4	10	10	1 No	1 Unintentional Islanding
RPO311	175	'743133197_/743133122_1'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	176	'743133187_/743133109_1'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	177	'566947810_/566947807_1'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	178	'388203818_/388203815'		10	10	10	2.4	10	10	1 No	1 Unintentional Islanding
RPO311	179	'415538384_/398670588_2'	3.33	3.33	3.33	3.33	0.8	0.9	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	180	'409010096_/727694778_1'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	181	'743131983_/743131980'		10	10	10	2.4	10	10	1 No	1 Unintentional Islanding
RPO311	182	'4447872_/566948349'		10	10	10	2.4	10	10	1 No	1 Unintentional Islanding
RPO311	183	'743133070_/743133122_2'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	184	'388203838_/388203835'		10	10	10	2.4	10	10	1 No	1 Unintentional Islanding
RPO311	185	'743133177_/743133100_1'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	186	'744428421_/743133109_2'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	187	'8748639_/9384354'		10	10	10	2.4	2.3	10	1 No	1 Unintentional Islanding
RPO311	188	'743132001_/743131998'		10	10	10	2.4	10	10	1 No	1 Unintentional Islanding
RPO311	189	'4447855_/4447869'		10	10	10	2.4	10	10	1 No	1 Unintentional Islanding
RPO311	190	'743132019_/743132016'		10	10	10	2.4	10	10	1 No	1 Unintentional Islanding
RPO311	191	'388203858_/388203855'		10	10	10	2.4	10	10	1 No	1 Unintentional Islanding
RPO311	192	'565038326_/565038342_2'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	193	'744428665_/4466410_2'	3.33	3.33	3.33	3.33	0.8	3.33	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	194	'121631313_/121631315'		10	10	10	2.4	10	10	1 No	1 Unintentional Islanding
RPO311	195	'743132037_/743132034'		10	10	10	2.4	10	10	1 No	1 Unintentional Islanding
RPO311	196	'388203878_/388203875'		10	10	10	2.4	10	10	1 No	1 Unintentional Islanding
RPO311	197	'413657507_/393846833_1'		10	10	10	2.4	5.9	10	1 No	1 Unintentional Islanding
RPO311	198	'4447835_/4447852'		10	10	10	2.4	10	10	1 No	1 Unintentional Islanding
RPO311	199	'4447122_/393846833_2'		10	10	10	2.4	5.9	10	1 No	1 Unintentional Islanding
RPO311	200	'743132055_/743132052'		10	10	10	2.4	10	10	1 No	1 Unintentional Islanding
RPO311	201	'743133008_/743133100_2'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	202	'743132073_/743132070'		10	10	10	2.4	10	10	1 No	1 Unintentional Islanding
RPO311	203	'388203898_/388203895'		10	10	10	2.4	10	10	1 No	1 Unintentional Islanding
RPO311	204	'727694864_/727694362_2'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	205	'4447834_/4447832'		10	10	10	2.4	10	10	1 No	1 Unintentional Islanding
RPO311	206	'7320497_/9525488_1'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	207	'743132100_/743132097'		10	10	10	2.4	10	10	1 No	1 Unintentional Islanding
RPO311	208	'409010136_/727694362_1'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	209	'388203918_/388203915'		10	10	10	2.4	10	10	1 No	1 Unintentional Islanding
RPO311	210	'744428322_/743132569_1'		10	10	10	2.4	6.1	10	1 No	1 Unintentional Islanding
RPO311	211	'4448224_/4448298'		10	10	10	2.4	10	10	1 No	1 Unintentional Islanding
RPO311	212	'743132207_/743132204'		10	10	10	2.4	10	10	1 No	1 Unintentional Islanding
RPO311	213	'743132572_/743132569_2'		10	10	10	2.4	6.1	10	1 No	1 Unintentional Islanding
RPO311	214	'743132225_/743132222'		10	10	10	2.4	10	10	1 No	1 Unintentional Islanding
RPO311	215	'388203938_/388203935'		10	10	10	2.4	10	10	1 No	1 Unintentional Islanding
RPO311	216	'139173453_/139173455'		10	10	10	2.4	10	10	1 No	1 Unintentional Islanding
RPO311	217	'449214774_/53843387'		10	10	10	2.4	3.7	10	1 No	1 Unintentional Islanding
RPO311	218	'743132267_/743132264'		10	10	10	2.4	10	10	1 No	1 Unintentional Islanding
RPO311	219	'743132791_/743132788'		10	10	10	2.4	10	10	1 No	1 Unintentional Islanding
RPO311	220	'4448207_/4448221'		10	10	10	2.4	10	10	1 No	1 Unintentional Islanding
RPO311	221	'388203958_/388203955'		10	10	10	2.4	10	10	1 No	1 Unintentional Islanding
RPO311	222	'743132809_/743132806'		10	10	10	2.4	10	10	1 No	1 Unintentional Islanding
RPO311	223	'743132291_/743132288'		10	10	10	2.4	10	10	1 No	1 Unintentional Islanding
RPO311	224	'566947441_/566947445'		10	10	10	2.4	10	10	1 No	1 Unintentional Islanding
RPO311	225	'743132590_/743132587'		10	10	10	2.4	6.1	10	1 No	1 Unintentional Islanding
RPO311	226	'9212503_/9212500'		10	10	10	2.4	5.9	10	1 No	1 Unintentional Islanding
RPO311	227	'743132416_/743132306_1'		10	10	10	2.4	5.7	10	1 No	1 Unintentional Islanding
RPO311	228	'388203978_/388203975'		10	10	10	2.4	10	10	1 No	1 Unintentional Islanding
RPO311	229	'743132372_/743132306_2'		10	10	10	2.4	5.7	10	1 No	1 Unintentional Islanding
RPO311	230	'743132827_/743132824'		10	10	10	2.4	10	10	1 No	1 Unintentional Islanding
RPO311	231	'393846966_/393846934_1'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	232	'144725223_/144725225'		10	10	10	2.4	10	10	1 No	1 Unintentional Islanding
RPO311	233	'743132469_/743132433_1'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	234	'547445600_/743132376'		10	10	10	2.4	5.7	10	1 No	1 Unintentional Islanding
RPO311	235	'388203998_/388203995'		10	10	10	2.4	10	10	1 No	1 Unintentional Islanding
RPO311	236	'393846898_/393846934_2'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	237	'449214848_/449214919'		10	10	10	2.4	3.7	10	1 No	1 Unintentional Islanding
RPO311	238	'4448206_/4448204'		10	10	10	2.4	10	10	1 No	1 Unintentional Islanding
RPO311	239	'743132845_/743132842'		10	10	10	2.4	10	10	1 No	1 Unintentional Islanding
RPO311	240	'744428603_/4466410_1'	3.33	3.33	3.33	3.33	0.8	3.33	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	241	'566947529_/566947533'		10	10	10	2.4	10	10	1 No	1 Unintentional Islanding
RPO311	242	'8579155_/393846904'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	243	'743132997_/743132970_1'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	244	'43515728_/4449582'		10	10	10	2.4	10	10	1 No	1 Unintentional Islanding
RPO311	245	'4448480_/388204015'		10	10	10	2.4	10	10	1 No	1 Unintentional Islanding
RPO311	246	'417103957_/544432466'	2.03	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	247	'337079019_/153559225_1'		10	10	10	2.4	10	10	1 No	1 Unintentional Islanding
RPO311	248	'743132863_/743132860'		10	10	10	2.4	10	10	1 No	1 Unintentional Islanding
RPO311	249	'4448187_/131267891'		10	10	10	2.4	10	10	1 No	1 Unintentional Islanding
RPO311	250	'417104143_/417103985'		10	10	10	2.4	10	10	1 No	1 Unintentional Islanding
RPO311	251	'43515841_/43515843'		10	10	10	2.4	10	10	1 No	1 Unintentional Islanding
RPO311	252	'743132940_/743132970_2'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	253	'693202003_/743133076'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	254	'566947832_/566947829'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	255	'4465759_/743132433_2'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	256	'425764061_/144726151_2'		10	10	10	2.4	10	10	1 No	1 Unintentional Islanding

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RPO311	257	'151110491_/151110509'		10	10	10	2.4	10	10	1 No	1 Unintentional Islanding
RPO311	258	'743132881_/743132878'		10	10	10	2.4	10	10	1 No	1 Unintentional Islanding
RPO311	259	'523684622_/523684619'		10	10	10	2.4	5.7	10	1 No	1 Unintentional Islanding
RPO311	260	'565038358_/565038374'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	261	'154715995_/153922995_2'	6.67	6.67	6.67	6.67	1.6	6.67	6.67	0.66 No	0.66 Unintentional Islanding
RPO311	262	'743132899_/743132896'		10	10	10	2.4	10	10	1 No	1 Unintentional Islanding
RPO311	263	'51246065_/9525078'		10	10	10	2.4	5.9	10	1 No	1 Unintentional Islanding
RPO311	264	'727694346_/743133252'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	265	'536896880_/743133044'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	266	'587523410_/744428052'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	267	'743132608_/743132605'		10	10	10	2.4	6.1	10	1 No	1 Unintentional Islanding
RPO311	268	'51246103_/51246131'		10	10	10	2.4	5.9	10	1 No	1 Unintentional Islanding
RPO311	269	'51246026_/51246110'		10	10	10	2.4	5.9	10	1 No	1 Unintentional Islanding
RPO311	270	'7950597_/7950594'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	271	'4466103_/523684638'		10	10	10	2.4	5.7	10	1 No	1 Unintentional Islanding
RPO311	272	'743132711_/743132671_1'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	273	'743132544_/743132623'		10	10	10	2.4	6.1	10	1 No	1 Unintentional Islanding
RPO311	274	'9213155_/9524818_1'	3.33	3.33	3.33	3.33	0.8	1.3	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	275	'547445671_/43519191_2'	3.33	3.33	3.33	3.33	0.8	1.9	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	276	'587523428_/587523549'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	277	'43515827_/43515829'		10	10	10	2.4	10	10	1 No	1 Unintentional Islanding
RPO311	278	'536897042_/743133014'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	279	'4463126_/743132548'		10	10	10	2.4	6.1	10	1 No	1 Unintentional Islanding
RPO311	280	'7320321_/7320319_1'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	281	'7320337_/8899554'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	282	'566947854_/566947851'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	283	'43515996_/153922995_1'	6.67	6.67	6.67	6.67	1.6	5.4	6.67	0.66 No	0.66 Unintentional Islanding
RPO311	284	'409709984_/4472440_1'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	285	'4471553_/409708644'		10	10	10	2.4	6.1	10	1 No	1 Unintentional Islanding
RPO311	286	'4465758_/43519180'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	287	'547445729_/523684657'		10	10	10	2.4	5.7	10	1 No	1 Unintentional Islanding
RPO311	288	'409710064_/4471551_1'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	289	'4466678_/743132671_2'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	290	'393846699_/393846705'		10	10	10	2.4	2.3	10	1 No	1 Unintentional Islanding
RPO311	291	'727694378_/727694394'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	292	'4471583_/409708677'		10	10	10	2.4	6.1	10	1 No	1 Unintentional Islanding
RPO311	293	'43515813_/43515815'		10	10	10	2.4	10	10	1 No	1 Unintentional Islanding
RPO311	294	'43519189_/43519191_1'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	295	'566948232_/566947896_1'	3.33	3.33	3.33	3.33	0.8	0.7	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	296	'523684683_/523684680'		10	10	10	2.4	5.7	10	1 No	1 Unintentional Islanding
RPO311	297	'50991640_/51246028'		10	10	10	2.4	5.9	10	1 No	1 Unintentional Islanding
RPO311	298	'693202031_/693202047'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	299	'693202223_/693202253'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	300	'393846828_/393846762'		10	10	10	2.4	2.3	10	1 No	1 Unintentional Islanding
RPO311	301	'7320498_/7320495'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	302	'4448463_/4448494'		10	10	10	2.4	10	10	1 No	1 Unintentional Islanding
RPO311	303	'153823655_/153823657'	6.67	6.67	6.67	6.67	1.6	5.4	6.67	0.66 No	0.66 Unintentional Islanding
RPO311	304	'50991717_/50991724'		10	10	10	2.4	5.9	10	1 No	1 Unintentional Islanding
RPO311	305	'4471511_/409708705'		10	10	10	2.4	6.1	10	1 No	1 Unintentional Islanding
RPO311	306	'7319701_/566947896_2'	3.33	3.33	3.33	3.33	0.8	0.7	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	307	'4449784_/4449781'		10	10	10	2.4	10	10	1 No	1 Unintentional Islanding
RPO311	308	'523686094_/523684811'		10	10	10	2.4	5.7	10	1 No	1 Unintentional Islanding
RPO311	309	'350268543_/8269113_2'	3.33	3.33	3.33	3.33	0.8	3.33	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	310	'50991677_/50991745'		10	10	10	2.4	5.9	10	1 No	1 Unintentional Islanding
RPO311	311	'4471554_/4471551_2'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	312	'9212487_/9212484'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	313	'409710168_/4471509_1'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	314	'587523446_/587523563'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	315	'4449804_/4449801'		10	10	10	2.4	10	10	1 No	1 Unintentional Islanding
RPO311	316	'4472443_/4472440_2'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	317	'565038406_/565038422'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	318	'4449821_/4449818'		10	10	10	2.4	10	10	1 No	1 Unintentional Islanding
RPO311	319	'523684998_/523686092'		10	10	10	2.4	5.7	10	1 No	1 Unintentional Islanding
RPO311	320	'4471512_/4471509_2'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	321	'4449838_/4449835'		10	10	10	2.4	10	10	1 No	1 Unintentional Islanding
RPO311	322	'409708770_/409708767'		10	10	10	2.4	6.1	10	1 No	1 Unintentional Islanding
RPO311	323	'587523464_/587523577'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	324	'7635814_/7635812'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	325	'727694410_/727694426'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	326	'4444580_/4449852'		10	10	10	2.4	10	10	1 No	1 Unintentional Islanding
RPO311	327	'4444581_/4444578'		10	10	10	2.4	10	10	1 No	1 Unintentional Islanding
RPO311	328	'4465772_/4465785'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	329	'727695523_/727695539'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	330	'409708794_/411725373'		10	10	10	2.4	6.1	10	1 No	1 Unintentional Islanding
RPO311	331	'536896912_/536896928'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	332	'557876369_/557876427'	6.67	6.67	6.67	6.67	1.6	5.4	6.67	0.66 No	0.66 Unintentional Islanding
RPO311	333	'49933495_/43516048_1'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	334	'693202063_/693202079'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	335	'4444402_/4449886'		10	10	10	2.4	10	10	1 No	1 Unintentional Islanding
RPO311	336	'557876474_/557876440_1'	3.33	3.33	3.33	3.33	0.8	1.3	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	337	'339559609_/9213332_2'		10	10	10	2.4	10	10	1 No	1 Unintentional Islanding
RPO311	338	'7636055_/9213332_1'		10	10	10	2.4	3.8	10	1 No	1 Unintentional Islanding
RPO311	339	'4444598_/4444595'		10	10	10	2.4	10	10	1 No	1 Unintentional Islanding
RPO311	340	'4472459_/4472456'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	341	'523684999_/523684913'		10	10	10	2.4	5.7	10	1 No	1 Unintentional Islanding
RPO311	342	'523686031_/523685003'		10	10	10	2.4	5.7	10	1 No	1 Unintentional Islanding
RPO311	343	'347133545_/51493844_2'		10	10	10	2.4	10	10	1 No	1 Unintentional Islanding
RPO311	344	'4444419_/4449869'		10	10	10	2.4	10	10	1 No	1 Unintentional Islanding
RPO311	345	'4449601_/557876440_2'	3.33	3.33	3.33	3.33	0.8	1.3	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	346	'4466522_/409708815'		10	10	10	2.4	6.1	10	1 No	1 Unintentional Islanding
RPO311	347	'4444418_/4444558_1'		10	10	10	2.4	3.9	10	1 No	1 Unintentional Islanding
RPO311	348	'339559585_/7954474_2'	3.33	3.33	3.33	3.33	0.8	3.33	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	349	'444394301_/413718978_1'	3.33	3.33	3.33	3.33	0.8	0.4	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	350	'444394311_/413718978_2'	3.33	3.33	3.33	3.33	0.8	0.4	3.33	0.33 No	0.33 Unintentional Islanding

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RPO311	351	'4444436_/_4444433'		10	10	10	2.4	10	10	1 No	1 Unintentional Islanding
RPO311	352	'8268471_/_8268485'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	353	'547445803_/_547445809'		10	10	10	2.4	5.7	10	1 No	1 Unintentional Islanding
RPO311	354	'4471528_/_4471525'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	355	'7954477_/_7954474_1'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	356	'4444453_/_4444450'		10	10	10	2.4	10	10	1 No	1 Unintentional Islanding
RPO311	357	'693202191_/_693202239'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	358	'727694442_/_727694458'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	359	'73801028_/_73801008_1'		10	10	10	2.4	3.7	10	1 No	1 Unintentional Islanding
RPO311	360	'9213154_/_9213152'	3.33	3.33	3.33	3.33	0.8	1.3	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	361	'536896944_/_536896960'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	362	'4444630_/_43516048_2'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	363	'567212639_/_557876366_1'	3.33	3.33	3.33	3.33	0.8	2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	364	'4444473_/_4444470'		10	10	10	2.4	10	10	1 No	1 Unintentional Islanding
RPO311	365	'587523482_/_587523591'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	366	'653335573_/_557876366_2'	3.33	3.33	3.33	3.33	0.8	2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	367	'446754485_/_153559225_2'		10	10	10	2.4	10	10	1 No	1 Unintentional Islanding
RPO311	368	'4465626_/_409708842'		10	10	10	2.4	6.1	10	1 No	1 Unintentional Islanding
RPO311	369	'7320289_/_7320335'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	370	'4465771_/_43519202'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	371	'144726146_/_144726151_1'		10	10	10	2.4	4.2	10	1 No	1 Unintentional Islanding
RPO311	372	'727695555_/_727695571'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	373	'331515906_/_4444487'		10	10	10	2.4	10	10	0.99 No	0.99 Unintentional Islanding
RPO311	374	'453907914_/_453907390_1'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	375	'77833464_/_4444558_2'		10	10	10	2.4	3.9	10	1 No	1 Unintentional Islanding
RPO311	376	'4444561_/_9524670_1'		10	10	10	2.4	2.4	10	1 No	1 Unintentional Islanding
RPO311	377	'74883664_/_73801008_2'		10	10	10	2.4	3.7	10	1 No	1 Unintentional Islanding
RPO311	378	'443883440_/_443883449'		10	10	10	2.4	6.1	10	1 No	1 Unintentional Islanding
RPO311	379	'547445927_/_523686039'		10	10	10	2.4	5.7	10	1 No	1 Unintentional Islanding
RPO311	380	'523685571_/_523684736_1'		10	10	10	2.4	5.7	10	1 No	1 Unintentional Islanding
RPO311	381	'547446050_/_523684736_2'		10	10	10	2.4	5.7	10	1 No	1 Unintentional Islanding
RPO311	382	'453907942_/_453907879_1'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	383	'4463139_/_4463136'	3.33	3.33	3.33	3.33	0.8	2.03	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	384	'4465625_/_409708875'		10	10	10	2.4	6.1	10	1 No	1 Unintentional Islanding
RPO311	385	'523685845_/_523685792_1'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	386	'74883704_/_74883715'		10	10	10	2.4	3.7	10	1 No	1 Unintentional Islanding
RPO311	387	'4471541_/_4471538'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	388	'536897074_/_536897090'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	389	'523685937_/_523685887_1'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	390	'408391546_/_50991679'		10	10	10	2.4	5.9	10	1 No	1 Unintentional Islanding
RPO311	391	'413717892_/_43519048_1'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	392	'565038438_/_565038454'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	393	'37786977_/_8751120'		10	10	10	2.4	3.8	10	1 No	1 Unintentional Islanding
RPO311	394	'37786964_/_37786982'		10	10	10	2.4	3.8	10	1 No	1 Unintentional Islanding
RPO311	395	'37786992_/_37786996'		10	10	10	2.4	3.8	10	1 No	1 Unintentional Islanding
RPO311	396	'37787005_/_69424929'		10	10	10	2.4	3.8	10	1 No	1 Unintentional Islanding
RPO311	397	'37786970_/_69424935'	3.33	3.33	3.33	3.33	0.8	1.27	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	398	'693202159_/_693202207'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	399	'455524902_/_417085233_2'	3.33	3.33	3.33	3.33	0.8	2.03	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	400	'8900383_/_8900380'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	401	'409708983_/_409708928'		10	10	10	2.4	6.1	10	1 No	1 Unintentional Islanding
RPO311	402	'587523500_/_587523605'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	403	'4465652_/_4465649'	3.33	3.33	3.33	3.33	0.8	2.03	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	404	'587523799_/_565038496'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	405	'727694474_/_727694490'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	406	'4471430_/_409708948'		10	10	10	2.4	6.1	10	1 No	1 Unintentional Islanding
RPO311	407	'8269116_/_8269113_1'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	408	'727695587_/_727695603'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	409	'4463138_/_43519048_2'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	410	'432999710_/_4471428_1'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	411	'587523518_/_587523619'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	412	'144726078_/_144726182'		10	10	10	2.4	4.2	10	1 No	1 Unintentional Islanding
RPO311	413	'693202095_/_693202111'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	414	'693202670_/_693202143_1'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	415	'536896976_/_536896992'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	416	'409709237_/_409709234'		10	10	10	2.4	6.1	10	1 No	1 Unintentional Islanding
RPO311	417	'587523747_/_587523777'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	418	'7954360_/_7954358'	3.33	3.33	3.33	3.33	0.8	1.27	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	419	'4465665_/_4465662'	3.33	3.33	3.33	3.33	0.8	2.03	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	420	'4471431_/_4471428_2'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	421	'7320290_/_7320287'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	422	'37787069_/_9525504'		10	10	10	2.4	3.8	10	0.99 No	0.99 Unintentional Islanding
RPO311	423	'37787076_/_37787073'		10	10	10	2.4	3.8	10	0.99 No	0.99 Unintentional Islanding
RPO311	424	'37787090_/_37787094'		10	10	10	2.4	3.8	10	0.99 No	0.99 Unintentional Islanding
RPO311	425	'402124358_/_402124355'	3.33	3.33	3.33	3.33	0.8	1.27	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	426	'37787103_/_37787101'	3.33	3.33	3.33	3.33	0.8	1.27	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	427	'693202127_/_693202175'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	428	'536897012_/_536897009'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	429	'587523829_/_587523956'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	430	'7320402_/_9213168'	3.33	3.33	3.33	3.33	0.8	1.3	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	431	'536897136_/_536897152'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	432	'727694506_/_727694522'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	433	'409709257_/_409709254'		10	10	10	2.4	6.1	10	1 No	1 Unintentional Islanding
RPO311	434	'645768028_/_645768072'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	435	'4465678_/_4465675'	3.33	3.33	3.33	3.33	0.8	2.03	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	436	'536897168_/_536897184'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	437	'144726039_/_144726096'		10	10	10	2.4	4.2	10	1 No	1 Unintentional Islanding
RPO311	438	'8269974_/_9213940'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	439	'9524672_/_9524670_2'		10	10	10	2.4	2.4	10	0.99 No	0.99 Unintentional Islanding
RPO311	440	'514620444_/_409709274'		10	10	10	2.4	6.1	10	1 No	1 Unintentional Islanding
RPO311	441	'7635830_/_9525456'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	442	'587523847_/_587523970'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	443	'7635766_/_9525360'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	444	'7320797_/_9213536'	3.33	3.33	3.33	3.33	0.8	1.27	3.33	0.33 No	0.33 Unintentional Islanding

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Over- Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RPO311	445	'409709277_/_514620448'		10	10	10	2.4	6.1	10	1 No	1 Unintentional Islanding
RPO311	446	'453907371_/_453907390_2'		3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	447	'453907797_/_453907879_2'		3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	448	'453907796_/_453907794'		3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	449	'453907805_/_453907802'		3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	450	'453907813_/_453907810'		3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	451	'453907821_/_453907818'		3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	452	'4465691_/_4465688'		3.33	3.33	3.33	0.8	2.03	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	453	'523685759_/_523685792_2'		3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	454	'565038480_/_587523753'		3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	455	'514619513_/_514619528'		10	10	10	2.4	6.1	10	1 No	1 Unintentional Islanding
RPO311	456	'37786642_/_8896900'		10	10	10	2.4	5.9	10	1 No	1 Unintentional Islanding
RPO311	457	'37786635_/_37786639'		10	10	10	2.4	5.9	10	1 No	1 Unintentional Islanding
RPO311	458	'37786628_/_37786632'		10	10	10	2.4	5.9	10	1 No	1 Unintentional Islanding
RPO311	459	'402114659_/_402114656'		10	10	10	2.4	5.9	10	1 No	1 Unintentional Islanding
RPO311	460	'37786656_/_37786660'		3.33	3.33	3.33	0.8	1.97	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	461	'8583869_/_8904058_1'		3.33	3.33	3.33	0.8	0.1	3.33	0.33 No	0.1 Element Fault
RPO311	462	'8269975_/_8269972'		3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	463	'8458412_/_8458410'		3.33	3.33	3.33	0.8	1.27	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	464	'37787160_/_8579812'		10	10	10	2.4	3.8	10	0.99 No	0.99 Unintentional Islanding
RPO311	465	'37787167_/_37787164'		10	10	10	2.4	3.8	10	0.99 No	0.99 Unintentional Islanding
RPO311	466	'402124296_/_402124293'		10	10	10	2.4	3.8	10	0.99 No	0.99 Unintentional Islanding
RPO311	467	'37787174_/_37787178'		10	10	10	2.4	3.8	10	0.99 No	0.99 Unintentional Islanding
RPO311	468	'37787187_/_37787185'		3.33	3.33	3.33	0.8	1.27	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	469	'645767996_/_645768044'		3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	470	'514619495_/_514619510'		10	10	10	2.4	6.1	10	1 No	1 Unintentional Islanding
RPO311	471	'514620363_/_470937921_1'		3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	472	'7319621_/_9524834'		3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	473	'453907436_/_453907455'		3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	474	'587523865_/_587523984'		3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	475	'514619477_/_514619492'		10	10	10	2.4	6.1	10	1 No	1 Unintentional Islanding
RPO311	476	'523685856_/_523685887_2'		3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	477	'453907968_/_453907987'		3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	478	'514619788_/_409709671_1'		3.33	3.33	3.33	0.8	0.4	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	479	'645767964_/_645768012'		3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	480	'536897210_/_536897226'		3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	481	'7320798_/_7320795'		3.33	3.33	3.33	0.8	1.27	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	482	'413718463_/_409709671_2'		3.33	3.33	3.33	0.8	0.4	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	483	'514619459_/_514619474'		10	10	10	2.4	6.1	10	1 No	1 Unintentional Islanding
RPO311	484	'514620336_/_417608831_1'		3.33	3.33	3.33	0.8	1.3	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	485	'7635767_/_7635764'		3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	486	'470937905_/_470937921_2'		3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	487	'7810679_/_8426382'		3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	488	'514619441_/_514619456'		10	10	10	2.4	6.1	10	1 No	1 Unintentional Islanding
RPO311	489	'565038526_/_565038523'		3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	490	'539474688_/_539474692'		3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	491	'7635831_/_7635828'		3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	492	'7320530_/_7320527'		10	10	10	2.4	3.8	10	0.99 No	0.99 Unintentional Islanding
RPO311	493	'4445988_/_8898708_2'		10	10	10	2.4	5.9	10	1 No	1 Unintentional Islanding
RPO311	494	'587523883_/_587523998'		3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	495	'227135207_/_227135212'		3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	496	'43515604_/_8898708_1'		10	10	10	2.4	5.9	10	1 No	1 Unintentional Islanding
RPO311	497	'7320550_/_7320547'		10	10	10	2.4	3.8	10	0.99 No	0.99 Unintentional Islanding
RPO311	498	'727694730_/_727695617'		3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	499	'8904061_/_8904058_2'		3.33	3.33	3.33	0.8	0.1	3.33	0.33 No	0.1 Element Fault
RPO311	500	'467278617_/_460328113'		3.33	3.33	3.33	0.8	2.03	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	501	'8579834_/_8579832'		10	10	10	2.4	3.8	10	0.99 No	0.99 Unintentional Islanding
RPO311	502	'727695792_/_727694650_1'		3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	503	'467278689_/_467278708'		3.33	3.33	3.33	0.8	2.03	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	504	'7320401_/_7320399'		3.33	3.33	3.33	0.8	1.3	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	505	'514619423_/_514619438'		10	10	10	2.4	6.1	10	0.99 No	0.99 Unintentional Islanding
RPO311	506	'467278760_/_467278635'		3.33	3.33	3.33	0.8	2.03	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	507	'514620528_/_514619681_1'		3.33	3.33	3.33	0.8	1.3	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	508	'453908022_/_453908041'		3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	509	'539474718_/_539474734'		3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	510	'417608812_/_417608831_2'		3.33	3.33	3.33	0.8	1.3	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	511	'8269529_/_9525344'		3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	512	'8268472_/_8268469'		3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	513	'514619651_/_514619681_2'		3.33	3.33	3.33	0.8	1.3	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	514	'686809478_/_470937982'		3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	515	'8579603_/_8579600'		3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	516	'8899797_/_9213584'		3.33	3.33	3.33	0.8	1.27	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	517	'7950665_/_7950662'		3.33	3.33	3.33	0.8	1.97	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	518	'686809460_/_686809520'		3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	519	'514619405_/_514619420'		10	10	10	2.4	6.1	10	0.99 No	0.99 Unintentional Islanding
RPO311	520	'686809430_/_686809506'		3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	521	'483151628_/_523685862'		3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	522	'8899812_/_8899810'		3.33	3.33	3.33	0.8	1.27	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	523	'453907482_/_453907501'		3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	524	'470937966_/_686809434'		3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	525	'50173560_/_7810677'		3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	526	'587523901_/_587524012'		3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	527	'37795804_/_9525572'		10	10	10	2.4	3.8	10	0.99 No	0.99 Unintentional Islanding
RPO311	528	'37795811_/_37795808'		10	10	10	2.4	3.8	10	0.99 No	0.99 Unintentional Islanding
RPO311	529	'37795853_/_37795857'		10	10	10	2.4	3.8	10	0.99 No	0.99 Unintentional Islanding
RPO311	530	'37795832_/_37795836'		10	10	10	2.4	3.8	10	0.99 No	0.99 Unintentional Islanding
RPO311	531	'37795818_/_37795822'		10	10	10	2.4	3.8	10	0.99 No	0.99 Unintentional Islanding
RPO311	532	'434821156_/_514619657'		3.33	3.33	3.33	0.8	1.3	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	533	'514619387_/_514619402'		10	10	10	2.4	6.1	10	0.99 No	0.99 Unintentional Islanding
RPO311	534	'645767932_/_645767980'		3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	535	'483151676_/_483151692'		3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	536	'4445913_/_4445985'		10	10	10	2.4	5.9	10	1 No	1 Unintentional Islanding
RPO311	537	'8578975_/_8578972'		3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	538	'117259990_/_117260008'		10	10	10	2.4	4.2	10	0.99 No	0.99 Unintentional Islanding

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RPO311	539	'453908061_/453908080'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	540	'66548680_/9525062'	3.33	3.33	3.33	3.33	0.8	1.97	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	541	'4445958_/4445956_1'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	542	'514619369_/514619384'	10	10	10	2.4	6.1	10	0.99 No	0.99 No	0.99 Unintentional Islanding
RPO311	543	'539474750_/539474766'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	544	'8899573_/8899570'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	545	'43515593_/4445956_2'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	546	'66548699_/66548677'	3.33	3.33	3.33	3.33	0.8	1.97	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	547	'453908100_/453908114'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	548	'417608851_/417608870'	3.33	3.33	3.33	3.33	0.8	1.3	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	549	'653335634_/653335618'	3.33	3.33	3.33	3.33	0.8	2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	550	'653335587_/389377889'	3.33	3.33	3.33	3.33	0.8	2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	551	'8269360_/8899794'	3.33	3.33	3.33	3.33	0.8	1.27	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	552	'727694698_/727694746'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	553	'460327984_/467278793'	3.33	3.33	3.33	3.33	0.8	2.03	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	554	'514619351_/514619366'	10	10	10	2.4	6.1	10	0.99 No	0.99 No	0.99 Unintentional Islanding
RPO311	555	'470937998_/470938014'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	556	'8269344_/9525540'	3.33	3.33	3.33	3.33	0.8	1.27	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	557	'434821337_/434821372'	3.33	3.33	3.33	3.33	0.8	1.3	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	558	'4445959_/43515595'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	559	'9213138_/9213136'	3.33	3.33	3.33	3.33	0.8	1.3	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	560	'460328073_/460328129'	3.33	3.33	3.33	3.33	0.8	2.03	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	561	'8109437_/153824527'	3.33	3.33	3.33	3.33	0.8	1.3	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	562	'8269991_/9526190'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	563	'43515580_/43515582'	10	10	10	2.4	5.9	10	1 No	1	Unintentional Islanding
RPO311	564	'7954240_/9525376'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	565	'453907536_/453907555'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	566	'483151723_/483151739'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	567	'514619333_/514619348'	10	10	10	2.4	6.1	10	0.99 No	0.99 No	0.99 Unintentional Islanding
RPO311	568	'539474782_/539474798'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	569	'7954409_/7954406'	10	10	10	2.4	3.8	10	0.99 No	0.99 No	0.99 Unintentional Islanding
RPO311	570	'514619925_/514619638_1'	10	10	10	2.4	3.8	10	0.99 No	0.99 No	0.99 Unintentional Islanding
RPO311	571	'536897242_/536897258'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	572	'587523919_/587524026'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	573	'470938030_/470938046'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	574	'645767890_/645767948'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	575	'514619606_/514619638_2'	10	10	10	2.4	3.8	10	0.99 No	0.99 No	0.99 Unintentional Islanding
RPO311	576	'536897274_/536897290'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	577	'4465237_/514619330'	10	10	10	2.4	6.1	10	0.99 No	0.99 No	0.99 Unintentional Islanding
RPO311	578	'587524043_/587524040'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	579	'7958128_/417085233_1'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	580	'4445879_/4445893'	10	10	10	2.4	5.9	10	1 No	1	Unintentional Islanding
RPO311	581	'7319550_/7631728_1'	10	10	10	2.4	3.7	10	1 No	1	Unintentional Islanding
RPO311	582	'7639183_/8109434'	3.33	3.33	3.33	3.33	0.8	1.3	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	583	'727694666_/727694714'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	584	'410291020_/7319635'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	585	'514619287_/514619308'	10	10	10	2.4	6.1	10	0.99 No	0.99 No	0.99 Unintentional Islanding
RPO311	586	'8269990_/8269988'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	587	'483151770_/483151786'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	588	'539474814_/539474830'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	589	'7631731_/7631728_2'	10	10	10	2.4	3.7	10	1 No	1	Unintentional Islanding
RPO311	590	'434821562_/434821581'	3.33	3.33	3.33	3.33	0.8	1.3	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	591	'453907575_/453907594'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	592	'7954758_/8899842'	10	10	10	2.4	3.8	10	0.99 No	0.99 No	0.99 Unintentional Islanding
RPO311	593	'429885158_/417608930'	3.33	3.33	3.33	3.33	0.8	1.3	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	594	'4445862_/4445876'	10	10	10	2.4	5.9	10	1 No	1	Unintentional Islanding
RPO311	595	'8269343_/8269341'	3.33	3.33	3.33	3.33	0.8	1.27	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	596	'429885763_/429885842'	3.33	3.33	3.33	3.33	0.8	1.3	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	597	'429885500_/429885506'	3.33	3.33	3.33	3.33	0.8	1.3	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	598	'429885757_/429885498'	3.33	3.33	3.33	3.33	0.8	0.8	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	599	'429885769_/429885514'	3.33	3.33	3.33	3.33	0.8	1.3	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	600	'9213286_/544432787'	3.33	3.33	3.33	3.33	0.8	1.27	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	601	'8896818_/66548696'	3.33	3.33	3.33	3.33	0.8	1.97	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	602	'698492137_/701387412'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	603	'445969563_/445969582'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	604	'7636023_/8269357'	3.33	3.33	3.33	3.33	0.8	1.27	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	605	'4465224_/514619284'	10	10	10	2.4	6.1	10	0.99 No	0.99 No	0.99 Unintentional Islanding
RPO311	606	'429885001_/429885816'	3.33	3.33	3.33	3.33	0.8	1.3	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	607	'7635783_/9525440'	3.33	3.33	3.33	3.33	0.8	1.3	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	608	'445969602_/445969621'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	609	'698492169_/701387423'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	610	'7320602_/8269526'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	611	'8899653_/8899650'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	612	'434821765_/434821784'	3.33	3.33	3.33	3.33	0.8	1.3	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	613	'7636006_/8898744'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	614	'627125283_/627125270_2'	3.33	3.33	3.33	3.33	0.8	2.03	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	615	'417608911_/429885005'	3.33	3.33	3.33	3.33	0.8	1.3	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	616	'4465208_/514619250'	10	10	10	2.4	6.1	10	0.99 No	0.99 No	0.99 Unintentional Islanding
RPO311	617	'514029540_/514028857_1'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	618	'7320353_/7954238'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	619	'43515567_/43515569'	10	10	10	2.4	5.9	10	0.99 No	0.99 No	0.99 Unintentional Islanding
RPO311	620	'453907614_/453907633'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	621	'8270007_/8580326'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	622	'536897316_/536897332'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	623	'727694634_/727694682'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	624	'539474846_/539474862'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	625	'429885958_/429885977'	3.33	3.33	3.33	3.33	0.8	0.8	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	626	'7636022_/7636020'	3.33	3.33	3.33	3.33	0.8	1.27	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	627	'7639182_/7639180'	3.33	3.33	3.33	3.33	0.8	1.3	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	628	'4445844_/4445842'	10	10	10	2.4	5.9	10	0.99 No	0.99 No	0.99 Unintentional Islanding
RPO311	629	'414922402_/8579020'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	630	'645767848_/645767906'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	631	'4445929_/4445927_1'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	632	'536897358_/536897374'	3.33	3.33	3.33	3.33	0.8				

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RPO311	633	'539474878_/539474906'	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33	Unintentional Islanding
RPO311	634	'7954875_/8270004'	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33	Unintentional Islanding
RPO311	635	'549263160_/536897416'	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33	Unintentional Islanding
RPO311	636	'425293473_/417608952'	3.33	3.33	3.33	0.8	1.3	3.33	0.33 No	0.33	Unintentional Islanding
RPO311	637	'507851305_/514028857_2'	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33	Unintentional Islanding
RPO311	638	'8900175_/8900172'	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33	Unintentional Islanding
RPO311	639	'426127319_/414922438'	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33	Unintentional Islanding
RPO311	640	'4445930_/4445927_2'	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33	Unintentional Islanding
RPO311	641	'429886025_/429886093'	3.33	3.33	3.33	0.8	0.8	3.33	0.33 No	0.33	Unintentional Islanding
RPO311	642	'7320569_/9525556'	3.33	3.33	3.33	0.8	1.27	3.33	0.33 No	0.33	Unintentional Islanding
RPO311	643	'460328166_/460328185'	3.33	3.33	3.33	0.8	2.03	3.33	0.33 No	0.33	Unintentional Islanding
RPO311	644	'426127117_/426127331'	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33	Unintentional Islanding
RPO311	645	'426127100_/426127114'	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33	Unintentional Islanding
RPO311	646	'426127125_/426127122'	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33	Unintentional Islanding
RPO311	647	'426127101_/426127098'	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33	Unintentional Islanding
RPO311	648	'426127109_/426127106'	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33	Unintentional Islanding
RPO311	649	'7954759_/7954756'	10	10	10	2.4	3.8	10	0.99 No	0.99	Unintentional Islanding
RPO311	650	'144725010_/144725028'	10	10	10	2.4	4.2	10	0.99 No	0.99	Unintentional Islanding
RPO311	651	'4448898_/4448912'	10	10	10	2.4	5.9	10	0.99 No	0.99	Unintentional Islanding
RPO311	652	'647427628_/4448895_2'	10	10	10	2.4	5.9	10	0.99 No	0.99	Unintentional Islanding
RPO311	653	'4448878_/4448895_1'	10	10	10	2.4	5.9	10	0.99 No	0.99	Unintentional Islanding
RPO311	654	'459915277_/4448929_1'	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33	Unintentional Islanding
RPO311	655	'459915283_/4448929_2'	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33	Unintentional Islanding
RPO311	656	'144725049_/144725067'	10	10	10	2.4	4.2	10	0.99 No	0.99	Unintentional Islanding
RPO311	657	'4448981_/4448978'	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33	Unintentional Islanding
RPO311	658	'7911338_/402268528_2'	3.33	3.33	3.33	0.8	1.97	3.33	0.33 No	0.33	Unintentional Islanding
RPO311	659	'575773710_/485458222'	3.33	3.33	3.33	0.8	2.03	3.33	0.33 No	0.33	Unintentional Islanding
RPO311	660	'8579203_/401074679_2'	3.33	3.33	3.33	0.8	1.97	3.33	0.33 No	0.33	Unintentional Islanding
RPO311	661	'7320601_/7320599'	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33	Unintentional Islanding
RPO311	662	'483151450_/483151462'	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33	Unintentional Islanding
RPO311	663	'483151802_/483151818'	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33	Unintentional Islanding
RPO311	664	'8578955_/8578952'	10	10	10	2.4	3.7	10	0.99 No	0.99	Unintentional Islanding
RPO311	665	'4448877_/4448875'	10	10	10	2.4	5.9	10	0.99 No	0.99	Unintentional Islanding
RPO311	666	'480290230_/63233506'	10	10	10	2.4	3.7	10	0.99 No	0.99	Unintentional Islanding
RPO311	667	'459915248_/4449149_1'	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33	Unintentional Islanding
RPO311	668	'459915254_/4449149_2'	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33	Unintentional Islanding
RPO311	669	'426274346_/426274365'	3.33	3.33	3.33	0.8	1.3	3.33	0.33 No	0.33	Unintentional Islanding
RPO311	670	'4449138_/43515950'	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33	Unintentional Islanding
RPO311	671	'698492201_/701387434'	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33	Unintentional Islanding
RPO311	672	'7320354_/7320351'	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33	Unintentional Islanding
RPO311	673	'7954874_/7954872'	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33	Unintentional Islanding
RPO311	674	'445969658_/445969677'	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33	Unintentional Islanding
RPO311	675	'575773748_/485458247'	3.33	3.33	3.33	0.8	2.03	3.33	0.33 No	0.33	Unintentional Islanding
RPO311	676	'4449018_/4449015'	10	10	10	2.4	5.9	10	0.99 No	0.99	Unintentional Islanding
RPO311	677	'7319530_/544432485'	10	10	10	2.4	3.6	10	0.99 No	0.99	Unintentional Islanding
RPO311	678	'426127450_/426127506'	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33	Unintentional Islanding
RPO311	679	'483151849_/483151865'	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33	Unintentional Islanding
RPO311	680	'4448932_/4448929_3'	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33	Unintentional Islanding
RPO311	681	'698492259_/701387445'	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33	Unintentional Islanding
RPO311	682	'7635782_/7635780'	3.33	3.33	3.33	0.8	1.3	3.33	0.33 No	0.33	Unintentional Islanding
RPO311	683	'645767806_/645767864'	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33	Unintentional Islanding
RPO311	684	'507852347_/514619612'	10	10	10	2.4	3.8	10	0.99 No	0.99	Unintentional Islanding
RPO311	685	'429886156_/429886170'	3.33	3.33	3.33	0.8	0.8	3.33	0.33 No	0.33	Unintentional Islanding
RPO311	686	'484772242_/426274528'	3.33	3.33	3.33	0.8	1.3	3.33	0.33 No	0.33	Unintentional Islanding
RPO311	687	'445969697_/445969716'	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33	Unintentional Islanding
RPO311	688	'7954858_/9213972'	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33	Unintentional Islanding
RPO311	689	'426126968_/426127183'	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33	Unintentional Islanding
RPO311	690	'453907653_/453907667'	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33	Unintentional Islanding
RPO311	691	'4449152_/4449149_3'	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33	Unintentional Islanding
RPO311	692	'460328210_/460328229'	3.33	3.33	3.33	0.8	2.03	3.33	0.33 No	0.33	Unintentional Islanding
RPO311	693	'7957879_/7957877'	3.33	3.33	3.33	0.8	1.3	3.33	0.33 No	0.33	Unintentional Islanding
RPO311	694	'429886195_/429886192'	3.33	3.33	3.33	0.8	0.8	3.33	0.33 No	0.33	Unintentional Islanding
RPO311	695	'7320570_/7320567'	3.33	3.33	3.33	0.8	1.27	3.33	0.33 No	0.33	Unintentional Islanding
RPO311	696	'43515925_/4449123'	3.33	3.33	3.33	0.8	1.97	3.33	0.33 No	0.33	Unintentional Islanding
RPO311	697	'8269808_/8900236'	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33	Unintentional Islanding
RPO311	698	'8579087_/8896816'	3.33	3.33	3.33	0.8	1.97	3.33	0.33 No	0.33	Unintentional Islanding
RPO311	699	'536897400_/549263166'	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33	Unintentional Islanding
RPO311	700	'8899588_/8899586'	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33	Unintentional Islanding
RPO311	701	'470982063_/470982079'	3.33	3.33	3.33	0.8	1.3	3.33	0.33 No	0.33	Unintentional Islanding
RPO311	702	'483151478_/483151494'	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33	Unintentional Islanding
RPO311	703	'443883357_/443883354'	3.33	3.33	3.33	0.8	0.8	3.33	0.33 No	0.33	Unintentional Islanding
RPO311	704	'7636542_/7954856'	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33	Unintentional Islanding
RPO311	705	'485458144_/485458192'	3.33	3.33	3.33	0.8	2.03	3.33	0.33 No	0.33	Unintentional Islanding
RPO311	706	'144725088_/144725106'	10	10	10	2.4	4.2	10	0.99 No	0.99	Unintentional Islanding
RPO311	707	'4448957_/4448954'	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33	Unintentional Islanding
RPO311	708	'536897442_/536897458'	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33	Unintentional Islanding
RPO311	709	'426126906_/426126987'	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33	Unintentional Islanding
RPO311	710	'508618305_/508618321'	10	10	10	2.4	3.8	10	0.99 No	0.99	Unintentional Islanding
RPO311	711	'43515937_/43515927'	3.33	3.33	3.33	0.8	1.97	3.33	0.33 No	0.33	Unintentional Islanding
RPO311	712	'445969759_/445969769'	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33	Unintentional Islanding
RPO311	713	'4449168_/9066601_1'	3.33	3.33	3.33	0.8	1.9	3.33	0.33 No	0.33	Unintentional Islanding
RPO311	714	'7320465_/76687568'	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33	Unintentional Islanding
RPO311	715	'452939967_/452939986'	3.33	3.33	3.33	0.8	0.8	3.33	0.33 No	0.33	Unintentional Islanding
RPO311	716	'698492301_/701387456'	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33	Unintentional Islanding
RPO311	717	'7320466_/7320463'	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33	Unintentional Islanding
RPO311	718	'7636526_/7636540'	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33	Unintentional Islanding
RPO311	719	'445969433_/445969452'	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33	Unintentional Islanding
RPO311	720	'514029441_/508618402'	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33	Unintentional Islanding
RPO311	721	'39200048_/8269245'	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33	Unintentional Islanding
RPO311	722	'460328249_/460328268'	3.33	3.33	3.33	0.8	2.03	3.33	0.33 No	0.33	Unintentional Islanding
RPO311	723	'4447416_/7636004'	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33	Unintentional Islanding
RPO311	724	'429886210_/429886292'	3.33	3.33	3.33	0.8	1.3	3.33	0.33 No	0.33	Unintentional Islanding
RPO311	725	'429886332_/429886330'	3.33	3.33	3.33	0.8	1.3	3.33	0.33 No	0.33	Unintentional Islanding
RPO311	726	'429886357_/429886354'	3.33	3.33	3.33	0.8	1.3	3.33	0.33 No	0.33	Unintentional Islanding

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RPO311	727	'429886341_/429886338'	3.33	3.33	3.33	3.33	0.8	1.3	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	728	'445761309_/429886346'	3.33	3.33	3.33	3.33	0.8	1.3	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	729	'9213371_/9213368'	3.33	3.33	3.33	3.33	0.8	1.27	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	730	'63233499_/48029025'	10	10	10	2.4	3.7	10	0.99 No	0.99 No	0.99 Unintentional Islanding
RPO311	731	'8431769_/9066601_2'	3.33	3.33	3.33	3.33	0.8	1.9	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	732	'483151900_/483151897'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	733	'536897484_/536897500'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	734	'7320434_/9525392'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	735	'470982095_/470982111'	3.33	3.33	3.33	3.33	0.8	1.3	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	736	'701387470_/701387467'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	737	'445969481_/445969500'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	738	'452940006_/452940025'	3.33	3.33	3.33	3.33	0.8	0.8	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	739	'426126850_/426126925'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	740	'485458112_/485458160'	3.33	3.33	3.33	3.33	0.8	2.03	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	741	'492571244_/492571260'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	742	'483151510_/483151526'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	743	'7635799_/7954442'	3.33	3.33	3.33	3.33	0.8	1.3	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	744	'645767764_/645767822'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	745	'393847085_/393846987'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	746	'576939292_/576939308'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	747	'508618666_/508618636'	3.33	3.33	3.33	3.33	0.8	1.27	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	748	'508618591_/508618601'	3.33	3.33	3.33	3.33	0.8	1.27	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	749	'508618598_/508618595'	3.33	3.33	3.33	3.33	0.8	1.27	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	750	'508618592_/508618589'	3.33	3.33	3.33	3.33	0.8	0.7	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	751	'7320433_/7320431'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	752	'7320957_/9525592'	3.33	3.33	3.33	3.33	0.8	1.27	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	753	'507851637_/508618673'	3.33	3.33	3.33	3.33	0.8	0.7	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	754	'645767732_/645767780'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	755	'470982127_/470982143'	3.33	3.33	3.33	3.33	0.8	1.3	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	756	'8579086_/8579084'	3.33	3.33	3.33	3.33	0.8	1.97	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	757	'415779723_/508619029'	6.67	6.67	6.67	6.67	1.6	2.53	6.67	0.66 No	0.66 Unintentional Islanding
RPO311	758	'539474931_/539474947'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	759	'460328288_/460328307'	3.33	3.33	3.33	3.33	0.8	2.03	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	760	'144725699_/144725271'	10	10	10	2.4	4.2	10	0.99 No	0.99 No	0.99 Unintentional Islanding
RPO311	761	'7323736_/8273588'	3.33	3.33	3.33	3.33	0.8	1.3	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	762	'429886417_/429886436'	3.33	3.33	3.33	3.33	0.8	1.3	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	763	'144725679_/144725704'	6.67	6.67	6.67	6.67	1.6	2.8	6.67	0.66 No	0.66 Unintentional Islanding
RPO311	764	'7954742_/8269806'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	765	'452940089_/452940108'	3.33	3.33	3.33	3.33	0.8	0.8	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	766	'445761269_/445761288'	3.33	3.33	3.33	3.33	0.8	1.3	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	767	'514029826_/410242518'	3.33	3.33	3.33	3.33	0.8	1.27	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	768	'492571276_/492571292'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	769	'536897526_/536897542'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	770	'429274763_/429274786'	3.33	3.33	3.33	3.33	0.8	1.3	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	771	'485458080_/485458128'	3.33	3.33	3.33	3.33	0.8	2.03	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	772	'645767690_/645767748'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	773	'539474963_/539474979'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	774	'8121490_/8431766'	3.33	3.33	3.33	3.33	0.8	1.9	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	775	'7320958_/7320955'	3.33	3.33	3.33	3.33	0.8	1.27	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	776	'470982159_/470982175'	3.33	3.33	3.33	3.33	0.8	1.3	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	777	'576939340_/576939356'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	778	'460328342_/460328361'	3.33	3.33	3.33	3.33	0.8	2.03	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	779	'7635878_/7635876'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	780	'352596249_/8579884'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	781	'452940128_/452940147'	3.33	3.33	3.33	3.33	0.8	0.8	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	782	'669674342_/669674372'	3.33	3.33	3.33	3.33	0.8	0.7	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	783	'485458049_/485458096'	3.33	3.33	3.33	3.33	0.8	2.03	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	784	'347133514_/7636036_1'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	785	'576939372_/576939388'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	786	'483151542_/483151558'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	787	'492571308_/492571324'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	788	'669674310_/669674358'	3.33	3.33	3.33	3.33	0.8	0.7	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	789	'426126765_/426126869'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	790	'8121491_/8121488'	3.33	3.33	3.33	3.33	0.8	1.9	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	791	'536897568_/536897584'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	792	'460328391_/460328410'	3.33	3.33	3.33	3.33	0.8	2.03	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	793	'539474995_/539475011'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	794	'645767648_/645767706'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	795	'7954743_/7954740'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	796	'508618721_/508618783'	3.33	3.33	3.33	3.33	0.8	1.27	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	797	'508618708_/508618718'	3.33	3.33	3.33	3.33	0.8	1.27	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	798	'508618715_/508618712'	3.33	3.33	3.33	3.33	0.8	1.27	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	799	'508618709_/508618706'	3.33	3.33	3.33	3.33	0.8	0.7	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	800	'470982191_/470982207'	3.33	3.33	3.33	3.33	0.8	1.3	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	801	'536897604_/536897601'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	802	'7323735_/7323733'	3.33	3.33	3.33	3.33	0.8	1.3	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	803	'452940206_/452940225'	3.33	3.33	3.33	3.33	0.8	0.8	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	804	'7320370_/8579616'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	805	'651868832_/669674326'	3.33	3.33	3.33	3.33	0.8	0.7	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	806	'418294207_/418294235'	3.33	3.33	3.33	3.33	0.8	1.27	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	807	'7320369_/7320367'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	808	'8579186_/8579184'	3.33	3.33	3.33	3.33	0.8	1.97	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	809	'460328430_/460328449'	3.33	3.33	3.33	3.33	0.8	2.03	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	810	'492571340_/492571356'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	811	'483151574_/483151590'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	812	'507851481_/508619018'	3.33	3.33	3.33	3.33	0.8	2.03	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	813	'467659837_/452940285'	3.33	3.33	3.33	3.33	0.8	0.8	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	814	'445969535_/445969545'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	815	'645767616_/645767632'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	816	'470982223_/470982251'	3.33	3.33	3.33	3.33	0.8	1.3	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	817	'646474033_/645767664_1'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	818	'426126695_/426126784'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RPO311	821	'507851941_/508618753'	3.33	3.33	3.33	3.33	0.8	0.7	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	822	'7635798_/7635796'	3.33	3.33	3.33	3.33	0.8	1.3	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	823	'507852304_/508618888'	3.33	3.33	3.33	3.33	0.8	1.27	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	824	'7322522_/7637758'	3.33	3.33	3.33	3.33	0.8	1.3	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	825	'8899605_/9525408'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	826	'426274531_/470982227'	3.33	3.33	3.33	3.33	0.8	1.3	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	827	'418294255_/418294274'	3.33	3.33	3.33	3.33	0.8	1.27	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	828	'507311629_/539475039'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	829	'8579634_/8900268'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	830	'432192897_/432192916'	3.33	3.33	3.33	3.33	0.8	1.3	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	831	'492571054_/492571070'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	832	'460328469_/460328488'	3.33	3.33	3.33	3.33	0.8	2.03	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	833	'7636527_/7636524'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	834	'483151610_/483151607'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	835	'7954256_/8579632'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	836	'492571372_/492571388'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	837	'460328508_/460328527'	3.33	3.33	3.33	3.33	0.8	2.03	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	838	'576939446_/576939462'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	839	'507851899_/507851957'	3.33	3.33	3.33	3.33	0.8	0.7	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	840	'507851449_/507851497'	3.33	3.33	3.33	3.33	0.8	2.03	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	841	'426126660_/426126714'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	842	'445969941_/445969960'	3.33	3.33	3.33	3.33	0.8	0.8	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	843	'432192936_/432192955'	3.33	3.33	3.33	3.33	0.8	1.3	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	844	'627125000_/627125270_1'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	845	'148974333_/148974341'	10	10	10	2.4	4.2	10	0.99 No	0.99 Unintentional Islanding	
RPO311	846	'629013514_/507851915'	3.33	3.33	3.33	3.33	0.8	0.7	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	847	'492571086_/492571102'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	848	'8899604_/8899602'	3.27	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	849	'507311653_/492571435'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	850	'7954377_/7954374'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	851	'501864460_/574606167'	3.33	3.33	3.33	3.33	0.8	2.03	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	852	'445969996_/445970015'	3.33	3.33	3.33	3.33	0.8	0.8	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	853	'627124967_/627125016'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	854	'7956223_/7956221'	3.33	3.33	3.33	3.33	0.8	1.3	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	855	'7319834_/9212600'	3.33	3.33	3.33	3.33	0.8	1.97	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	856	'415779600_/415779669'	3.33	3.33	3.33	3.33	0.8	1.27	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	857	'415779591_/415779597'	3.33	3.33	3.33	3.33	0.8	1.27	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	858	'415779616_/415779613'	3.33	3.33	3.33	3.33	0.8	1.27	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	859	'415779592_/415779589'	3.33	3.33	3.33	3.33	0.8	1.27	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	860	'415779608_/415779605'	3.33	3.33	3.33	3.33	0.8	1.27	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	861	'409117901_/426126664'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	862	'559918058_/508618926'	3.33	3.33	3.33	3.33	0.8	1.27	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	863	'7954525_/8899634'	3.33	3.33	3.33	3.33	0.8	1.3	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	864	'9213271_/9213268'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	865	'418295198_/418294313'	3.33	3.33	3.33	3.33	0.8	1.27	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	866	'507852079_/559918086'	3.33	3.33	3.33	3.33	0.8	1.27	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	867	'445970035_/445970054'	3.33	3.33	3.33	3.33	0.8	0.8	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	868	'507311683_/507311699'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	869	'576939478_/576939494'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	870	'7635991_/8269451'	3.33	3.33	3.33	3.33	0.8	1.9	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	871	'507851407_/507851465'	3.33	3.33	3.33	3.33	0.8	2.03	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	872	'7636510_/8580274'	3.33	3.33	3.33	3.33	0.8	1.27	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	873	'409117546_/409117565'	3.33	3.33	3.33	3.33	0.8	1.27	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	874	'559918097_/559918125'	3.33	3.33	3.33	3.33	0.8	1.27	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	875	'492571118_/492571134'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	876	'501864418_/501864468'	3.33	3.33	3.33	3.33	0.8	2.03	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	877	'426271998_/426272017'	3.33	3.33	3.33	3.33	0.8	1.27	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	878	'7320385_/7954254'	3	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	879	'8900078_/9525850'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	880	'585716210_/627124983'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	881	'651869301_/629013553'	3.33	3.33	3.33	3.33	0.8	0.7	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	882	'8900079_/8900076'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	883	'409117705_/427301829'	3.33	3.33	3.33	3.33	0.8	1.27	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	884	'585716126_/585716207'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	885	'432192975_/432192994'	3.33	3.33	3.33	3.33	0.8	1.3	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	886	'9213123_/9525424'	2.8	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	887	'576939510_/576939526'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	888	'409117845_/409117920'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	889	'450172395_/462649549'	3.33	3.33	3.33	3.33	0.8	0.8	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	890	'507311809_/507311863'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	891	'7322537_/7956205'	3.33	3.33	3.33	3.33	0.8	1.3	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	892	'492571150_/492571166'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	893	'426272115_/426272133'	3.33	3.33	3.33	3.33	0.8	1.27	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	894	'507311767_/507311825'	3.27	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	895	'409117647_/409117724'	3.33	3.33	3.33	3.33	0.8	1.27	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	896	'587685886_/507311741_1'	2.97	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	897	'507851973_/559918101'	3.33	3.33	3.33	3.33	0.8	1.27	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	898	'651868801_/507851860'	3.33	3.33	3.33	3.33	0.8	0.7	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	899	'412025795_/409117950'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	900	'501864386_/501864434'	3.3	3.33	3.33	3.33	0.8	2.03	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	901	'489616293_/432193033'	3.33	3.33	3.33	3.33	0.8	1.3	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	902	'7635895_/7635988'	3.2	3.33	3.33	3.33	0.8	1.9	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	903	'9213122_/9213120'	2.67	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	904	'445761642_/445761679'	3.33	3.33	3.33	3.33	0.8	0.8	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	905	'7319833_/7319831'	3.33	3.33	3.33	3.33	0.8	1.97	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	906	'409117752_/409117771'	3.33	3.33	3.33	3.33	0.8	1.27	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	907	'7320386_/7320383'	2.67	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	908	'426272153_/426272163'	3.27	3.33	3.33	3.33	0.8	1.27	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	909	'724520633_/724520637'	2.6	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	910	'409117608_/409117666'	3.33	3.33	3.33	3.33	0.8	1.27	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	911	'501864354_/501864402'	3.07	3.33	3.33	3.33	0.8	2.03	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	912	'585716086_/585716142'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RPO311	915	'416983026_/409117627'	3.33	3.33	3.33	3.33	0.8	1.27	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	916	'436215415_/436215434'	3.13	3.33	3.33	3.33	0.8	1.27	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	917	'559918136_/507852021'	3.33	3.33	3.33	3.33	0.8	1.27	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	918	'576939552_/576939568'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	919	'627125319_/576939600_1'	2.23	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	920	'724520617_/724520662'	2.5	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	921	'445761588_/445761661'	3.33	3.33	3.33	3.33	0.8	0.8	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	922	'492571200_/492571216'	3.2	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	923	'426127531_/426127550'	3.33	3.33	3.33	3.33	0.8	1.27	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	924	'409117806_/409117825'	3.33	3.33	3.33	3.33	0.8	1.27	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	925	'433843410_/426127700'	2.97	3.33	3.33	3.33	0.8	1.27	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	926	'7635894_/7635892'	2.87	3.33	3.33	3.33	0.8	1.9	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	927	'507852047_/559918164'	3.33	3.33	3.33	3.33	0.8	1.27	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	928	'585716016_/585716100'	3.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	929	'8899312_/8899310'	3.33	3.33	3.33	3.33	0.8	1.3	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	930	'489616261_/489616354'	3.33	3.33	3.33	3.33	0.8	1.3	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	931	'436215454_/436215473'	2.97	3.33	3.33	3.33	0.8	1.27	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	932	'507851365_/507851423'	3.33	3.33	3.33	3.33	0.8	2.03	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	933	'507851669_/507851822'	3.33	3.33	3.33	3.33	0.8	0.7	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	934	'460328719_/501864358'	2.83	3.33	3.33	3.33	0.8	2.03	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	935	'8269168_/8269165'	2.43	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	936	'492571236_/492571233'	3.07	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	937	'724520755_/724520769'	2.4	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	938	'507852005_/507852063'	3.33	3.33	3.33	3.33	0.8	1.27	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	939	'651868508_/651868512'	3.33	3.33	3.33	3.33	0.8	0.7	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	940	'507852198_/508618993'	3.33	3.33	3.33	3.33	0.8	2.03	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	941	'651868490_/651868536'	3.33	3.33	3.33	3.33	0.8	0.7	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	942	'445761549_/445761607'	3.27	3.33	3.33	3.33	0.8	0.8	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	943	'507311499_/507311525'	2.93	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	944	'724520868_/724520897'	2.33	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	945	'460328780_/460328799'	2.7	3.33	3.33	3.33	0.8	2.03	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	946	'7321117_/9526174'	3.33	3.33	3.33	3.33	0.8	1.27	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	947	'444263812_/426127469'	3.17	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	948	'8579854_/8579852'	2.27	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	949	'585715974_/585716032'	3.1	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	950	'507311541_/507311557'	2.83	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	951	'7636446_/9213780'	2.27	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	952	'8899621_/8899618'	2.27	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	953	'7636447_/7636444'	2.23	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	954	'7954524_/7954522'	2.53	3.33	3.33	3.33	0.8	1.3	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	955	'460328819_/460328838'	2.57	3.33	3.33	3.33	0.8	2.03	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	956	'585715932_/585715990'	3.03	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	957	'651868552_/651868568'	3.13	3.33	3.33	3.33	0.8	0.7	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	958	'669674591_/651868829_1'	3.1	3.33	3.33	3.33	0.8	0.7	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	959	'507852240_/507852256'	3.13	3.33	3.33	3.33	0.8	2.03	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	960	'445761510_/445761568'	3	3.33	3.33	3.33	0.8	0.8	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	961	'559918175_/559918191'	3.07	3.33	3.33	3.33	0.8	1.27	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	962	'436215504_/436215523'	2.6	3.33	3.33	3.33	0.8	1.27	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	963	'489616229_/489616277'	3	3.33	3.33	3.33	0.8	1.3	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	964	'7321118_/7321115'	3.03	3.33	3.33	3.33	0.8	1.27	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	965	'7322554_/9215296'	3.13	3.33	3.33	3.33	0.8	1.3	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	966	'144725990_/144726008'	3.33	3.33	3.33	3.33	0.8	1.4	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	967	'8899865_/8899862'	2.13	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	968	'445761471_/445761529'	2.83	3.33	3.33	3.33	0.8	0.8	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	969	'8580245_/8900252'	2.07	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	970	'7322553_/7322551'	2.97	3.33	3.33	3.33	0.8	1.3	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	971	'8269280_/9213236'	2.37	3.33	3.33	3.33	0.8	1.9	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	972	'576939620_/585715948'	2.73	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	973	'7636091_/8899894'	2.3	3.33	3.33	3.33	0.8	1.3	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	974	'7321102_/8900332'	2.8	3.33	3.33	3.33	0.8	1.27	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	975	'436215560_/436215579'	2.33	3.33	3.33	3.33	0.8	1.27	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	976	'559918207_/559918223'	2.73	3.33	3.33	3.33	0.8	1.27	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	977	'7320782_/7320779'	2.47	3.33	3.33	3.33	0.8	1.97	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	978	'489616197_/489616245'	2.7	3.33	3.33	3.33	0.8	1.3	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	979	'507311583_/507311599'	2.4	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	980	'445761417_/445761490'	2.6	3.33	3.33	3.33	0.8	0.8	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	981	'632935385_/507311626_1'	2.4	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	982	'576939584_/576939617'	2.57	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	983	'8269279_/8269277'	2.23	3.33	3.33	3.33	0.8	1.9	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	984	'8580244_/8580242'	1.97	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	985	'7956239_/7956237'	2.73	3.33	3.33	3.33	0.8	1.3	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	986	'77833992_/544432915'	1.93	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	987	'585715138_/585716222'	2.5	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	988	'449485634_/436215628'	2.23	3.33	3.33	3.33	0.8	1.27	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	989	'8900318_/9526158'	2.57	3.33	3.33	3.33	0.8	1.27	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	990	'7636090_/7636088'	2.13	3.33	3.33	3.33	0.8	1.3	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	991	'559918249_/559918265'	2.57	3.33	3.33	3.33	0.8	1.27	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	992	'585716316_/585716398'	2.4	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	993	'449485669_/449485688'	2.13	3.33	3.33	3.33	0.8	1.27	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	994	'432193014_/489616213'	2.47	3.33	3.33	3.33	0.8	1.3	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	995	'445761866_/445761870'	2.43	3.33	3.33	3.33	0.8	0.8	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	996	'559918765_/559918781'	2.47	3.33	3.33	3.33	0.8	1.27	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	997	'585716284_/585716332'	2.37	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	998	'7957112_/9216522'	2.57	3.33	3.33	3.33	0.8	1.3	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	999	'8269296_/8899762'	2.07	3.33	3.33	3.33	0.8	1.9	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	1000	'559918304_/559918805'	2.4	3.33	3.33	3.33	0.8	1.27	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	1001	'8900319_/8900316'	2.4	3.33	3.33	3.33	0.8	1.27	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	1002	'445761378_/445761436'	2.33	3.33	3.33	3.33	0.8	0.8	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	1003	'449485708_/449485727'	2.03	3.33	3.33	3.33	0.8	1.27	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	1004	'585716254_/585716300'	2.27	3.33	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	1005	'8269697_/8269694'	2.17	3.33	3.33	3.33	0.8	1.97	3.33	0.33 No	0.33 Unintentional Islanding
RPO311	1006	'8269824_/96357758'	2.37	3.33	3.33	3.33	0.8	1.27	3.33	0.33 No	0.33 Unintentional Islanding
RPO311</											

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RPO311	1009	'432193120_/432193125'	2.27	3.33	3.33	0.8	1.3	3.33	0.33 No	0.33	Unintentional Islanding
RPO311	1010	'449485747_/449485766'	1.93	3.33	3.33	0.8	1.27	3.33	0.33 No	0.33	Unintentional Islanding
RPO311	1011	'445761324_/445761397'	2.17	3.33	3.33	0.8	0.8	3.33	0.33 No	0.33	Unintentional Islanding
RPO311	1012	'8579666_/8777782'	2.23	3.33	3.33	0.8	1.27	3.33	0.33 No	0.33	Unintentional Islanding
RPO311	1013	'7636215_/7636212'	1.9	3.33	3.33	0.8	1.3	3.33	0.33 No	0.33	Unintentional Islanding
RPO311	1014	'153823318_/7957109'	2.3	3.33	3.33	0.8	1.3	3.33	0.33 No	0.33	Unintentional Islanding
RPO311	1015	'148968502_/148974370'	2.47	3.33	3.33	0.8	1.4	3.33	0.33 No	0.33	Unintentional Islanding
RPO311	1016	'452588403_/452588425'	2.2	3.33	3.33	0.8	1.3	3.33	0.33 No	0.33	Unintentional Islanding
RPO311	1017	'148976705_/148976710_2'	2.47	3.33	3.33	0.8	1.4	3.33	0.33 No	0.33	Unintentional Islanding
RPO311	1018	'148974453_/148976755'	2.47	3.33	3.33	0.8	1.4	3.33	0.33 No	0.33	Unintentional Islanding
RPO311	1019	'153823769_/153823324'	2.3	3.33	3.33	0.8	1.3	3.33	0.33 No	0.33	Unintentional Islanding
RPO311	1020	'449485786_/449485819'	1.87	3.33	3.33	0.8	1.27	3.33	0.33 No	0.33	Unintentional Islanding
RPO311	1021	'477385990_/445761343'	2.13	3.33	3.33	0.8	1.3	3.33	0.33 No	0.33	Unintentional Islanding
RPO311	1022	'507852111_/559918308'	2.13	3.33	3.33	0.8	1.27	3.33	0.33 No	0.33	Unintentional Islanding
RPO311	1023	'452499003_/452499111'	2.13	3.33	3.33	0.8	1.3	3.33	0.33 No	0.33	Unintentional Islanding
RPO311	1024	'452498994_/452499000'	2.13	3.33	3.33	0.8	1.3	3.33	0.33 No	0.33	Unintentional Islanding
RPO311	1025	'452498995_/452498992'	2.13	3.33	3.33	0.8	1.3	3.33	0.33 No	0.33	Unintentional Islanding
RPO311	1026	'452499011_/452499008'	2.13	3.33	3.33	0.8	0.7	3.33	0.33 No	0.33	Unintentional Islanding
RPO311	1027	'452499019_/452499016'	2.13	3.33	3.33	0.8	0.7	3.33	0.33 No	0.33	Unintentional Islanding
RPO311	1028	'436215609_/449485790'	1.83	3.33	3.33	0.8	1.27	3.33	0.33 No	0.33	Unintentional Islanding
RPO311	1029	'7323570_/153823357'	2.23	3.33	3.33	0.8	1.3	3.33	0.33 No	0.33	Unintentional Islanding
RPO311	1030	'507852272_/508618865'	2.1	3.33	3.33	0.8	1.27	3.33	0.33 No	0.33	Unintentional Islanding
RPO311	1031	'8580069_/8580066'	1.8	3.33	3.33	0.8	1.3	3.33	0.33 No	0.33	Unintentional Islanding
RPO311	1032	'474452760_/474452792'	2.07	3.33	3.33	0.8	0.7	3.33	0.33 No	0.33	Unintentional Islanding
RPO311	1033	'8579667_/8579664'	2.07	3.33	3.33	0.8	1.27	3.33	0.33 No	0.33	Unintentional Islanding
RPO311	1034	'452588537_/452588603'	2.07	3.33	3.33	0.8	1.3	3.33	0.33 No	0.33	Unintentional Islanding
RPO311	1035	'546365987_/8269293'	1.8	3.33	3.33	0.8	1.9	3.33	0.33 No	0.33	Unintentional Islanding
RPO311	1036	'546365969_/7488846'	1.77	3.33	3.33	0.8	1.9	3.33	0.33 No	0.33	Unintentional Islanding
RPO311	1037	'429275328_/452588562'	2.03	3.33	3.33	0.8	1.3	3.33	0.33 No	0.33	Unintentional Islanding
RPO311	1038	'7323569_/7323567'	2.13	3.33	3.33	0.8	1.3	3.33	0.33 No	0.33	Unintentional Islanding
RPO311	1039	'474452728_/474452776'	2	3.33	3.33	0.8	0.7	3.33	0.33 No	0.33	Unintentional Islanding
RPO311	1040	'57857385_/9213072'	2.03	3.33	3.33	0.8	1.27	3.33	0.33 No	0.33	Unintentional Islanding
RPO311	1041	'8748506_/9384282'	1.73	3.33	3.33	0.8	1.9	3.33	0.33 No	0.33	Unintentional Islanding
RPO311	1042	'8580360_/9213956'	1.7	3.33	3.33	0.8	1.3	3.33	0.33 No	0.33	Unintentional Islanding
RPO311	1043	'507852166_/508618939'	1.97	3.33	3.33	0.8	1.27	3.33	0.33 No	0.33	Unintentional Islanding
RPO311	1044	'436216906_/436215684'	1.7	3.33	3.33	0.8	1.27	3.33	0.33 No	0.33	Unintentional Islanding
RPO311	1045	'474452696_/474452744'	1.97	3.33	3.33	0.8	0.7	3.33	0.33 No	0.33	Unintentional Islanding
RPO311	1046	'57857632_/57857639'	1.97	3.33	3.33	0.8	1.27	3.33	0.33 No	0.33	Unintentional Islanding
RPO311	1047	'575773643_/508618962_1'	1.93	3.33	3.33	0.8	2.03	3.33	0.33 No	0.33	Unintentional Islanding
RPO311	1048	'429274553_/429274628'	1.93	3.33	3.33	0.8	1.3	3.33	0.33 No	0.33	Unintentional Islanding
RPO311	1049	'474452664_/474452712'	1.9	3.33	3.33	0.8	0.7	3.33	0.33 No	0.33	Unintentional Islanding
RPO311	1050	'436215716_/436215735'	1.6	3.33	3.33	0.8	1.27	3.33	0.33 No	0.33	Unintentional Islanding
RPO311	1051	'429274497_/429274572'	1.83	3.33	3.33	0.8	1.3	3.33	0.33 No	0.33	Unintentional Islanding
RPO311	1052	'7321022_/9526058'	1.6	3.33	3.33	0.8	1.9	3.33	0.33 No	0.33	Unintentional Islanding
RPO311	1053	'7637777_/7957509'	1.9	3.33	3.33	0.8	1.3	3.33	0.33 No	0.33	Unintentional Islanding
RPO311	1054	'474452622_/474452680'	1.8	3.33	3.33	0.8	0.7	3.33	0.33 No	0.33	Unintentional Islanding
RPO311	1055	'429274458_/429274516'	1.8	3.33	3.33	0.8	1.3	3.33	0.33 No	0.33	Unintentional Islanding
RPO311	1056	'144725659_/144725684'	1.93	3.33	3.33	0.8	1.4	3.33	0.33 No	0.33	Unintentional Islanding
RPO311	1057	'436216380_/436215753'	1.53	3.33	3.33	0.8	1.27	3.33	0.33 No	0.33	Unintentional Islanding
RPO311	1058	'144725639_/144725664'	1.9	3.33	3.33	0.8	1.4	3.33	0.33 No	0.33	Unintentional Islanding
RPO311	1059	'144725919_/144725940'	1.9	3.33	3.33	0.8	1.4	3.33	0.33 No	0.33	Unintentional Islanding
RPO311	1060	'426272212_/426272287'	1.5	3.33	3.33	0.8	1.27	3.33	0.33 No	0.33	Unintentional Islanding
RPO311	1061	'7637776_/7637774'	1.8	3.33	3.33	0.8	1.3	3.33	0.33 No	0.33	Unintentional Islanding
RPO311	1062	'7635847_/8580358'	1.5	3.33	3.33	0.8	1.3	3.33	0.33 No	0.33	Unintentional Islanding
RPO311	1063	'7321021_/7321019'	1.5	3.33	3.33	0.8	1.9	3.33	0.33 No	0.33	Unintentional Islanding
RPO311	1064	'474452590_/474452638'	1.7	3.33	3.33	0.8	0.7	3.33	0.33 No	0.33	Unintentional Islanding
RPO311	1065	'426272335_/426272354'	1.43	3.33	3.33	0.8	1.27	3.33	0.33 No	0.33	Unintentional Islanding
RPO311	1066	'66898437_/66898440'	1.67	3.33	3.33	0.8	1.27	3.33	0.33 No	0.33	Unintentional Islanding
RPO311	1067	'66898470_/66898473'	1.67	3.33	3.33	0.8	1.27	3.33	0.33 No	0.33	Unintentional Islanding
RPO311	1068	'426272374_/426272384'	1.43	3.33	3.33	0.8	1.27	3.33	0.33 No	0.33	Unintentional Islanding
RPO311	1069	'57857663_/57859805'	1.67	3.33	3.33	0.8	1.27	3.33	0.33 No	0.33	Unintentional Islanding
RPO311	1070	'429886523_/429274477'	1.67	3.33	3.33	0.8	1.3	3.33	0.33 No	0.33	Unintentional Islanding
RPO311	1071	'448849890_/429886542'	1.67	3.33	3.33	0.8	1.3	3.33	0.33 No	0.33	Unintentional Islanding
RPO311	1072	'474452548_/474452606'	1.63	3.33	3.33	0.8	0.7	3.33	0.33 No	0.33	Unintentional Islanding
RPO311	1073	'8269215_/8269213'	1.47	3.33	3.33	0.8	1.9	3.33	0.33 No	0.33	Unintentional Islanding
RPO311	1074	'153823619_/153823626'	1.7	3.33	3.33	0.8	1.3	3.33	0.33 No	0.33	Unintentional Islanding
RPO311	1075	'449485832_/449485851'	1.4	3.33	3.33	0.8	1.27	3.33	0.33 No	0.33	Unintentional Islanding
RPO311	1076	'474452516_/474452564'	1.63	3.33	3.33	0.8	0.7	3.33	0.33 No	0.33	Unintentional Islanding
RPO311	1077	'567212728_/653335604'	3.33	3.33	3.33	0.8	1	3.33	0.32 No	0.32	Unintentional Islanding
RPO311	1078	'66898509_/66898516'	1.6	3.33	3.33	0.8	1.27	3.33	0.33 No	0.33	Unintentional Islanding
RPO311	1079	'449485945_/449485964'	1.37	3.33	3.33	0.8	1.27	3.33	0.33 No	0.33	Unintentional Islanding
RPO311	1080	'8269713_/8269710'	1.4	3.33	3.33	0.8	1.9	3.33	0.33 No	0.33	Unintentional Islanding
RPO311	1081	'7635846_/7635844'	1.4	3.33	3.33	0.8	1.3	3.33	0.33 No	0.33	Unintentional Islanding
RPO311	1082	'474452484_/474452532'	1.57	3.33	3.33	0.8	0.7	3.33	0.33 No	0.33	Unintentional Islanding
RPO311	1083	'57857694_/57857701'	1.57	3.33	3.33	0.8	1.27	3.33	0.33 No	0.33	Unintentional Islanding
RPO311	1084	'449486061_/449486080'	1.33	3.33	3.33	0.8	1.27	3.33	0.33 No	0.33	Unintentional Islanding
RPO311	1085	'429275056_/474452500'	1.5	3.33	3.33	0.8	0.7	3.33	0.33 No	0.33	Unintentional Islanding
RPO311	1086	'728951544_/153823691_1'	1.6	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33	Unintentional Islanding
RPO311	1087	'429274991_/429275075'	1.5	3.33	3.33	0.8	0.7	3.33	0.33 No	0.33	Unintentional Islanding
RPO311	1088	'57857725_/57857732'	1.5	3.33	3.33	0.8	1.27	3.33	0.33 No	0.33	Unintentional Islanding
RPO311	1089	'4449618_/389377497'	3.33	3.33	3.33	0.8	1	3.33	0.32 No	0.32	Unintentional Islanding
RPO311	1090	'8579798_/9213668'	1.3	3.33	3.33	0.8	1.9	3.33	0.33 No	0.33	Unintentional Islanding
RPO311	1091	'57857756_/57857763'	1.47	3.33	3.33	0.8	1.27	3.33	0.33 No	0.33	Unintentional Islanding
RPO311	1092	'389377837_/7320663_1'	3.33	3.33	3.33	0.8	1	3.33	0.32 No	0.32	Unintentional Islanding
RPO311	1093	'429274894_/429275010'	1.43	3.33	3.33	0.8	0.7	3.33	0.33 No	0.33	Unintentional Islanding
RPO311	1094	'449486182_/449486192'	1.23	3.33	3.33	0.8	1.27	3.33	0.33 No	0.33	Unintentional Islanding
RPO311	1095	'398144903_/144725644'	1.5	3.33	3.33	0.8	1.4	3.33	0.33 No	0.33	Unintentional Islanding
RPO311	1096	'398144909_/144725624'	1.5	3.33	3.33	0.8	1.4	3.33	0.33 No	0.33	Unintentional Islanding
RPO311	1097	'8579650_/8579648'	1.27	3.33	3.33	0.8	1.3	3.33	0.33 No	0.33	Unintentional Islanding
RPO311	1098	'144725869_/144725887'	1.5	3.33	3.33	0.8	1.4	3.33	0.33 No	0.33	Unintentional Islanding
RPO311	1099	'57857787_/57857794'	1.4	3.33	3.33	0.8	1.27	3.33	0.33 No	0.33	Unintentional Islanding
RPO311	1100	'7320418_/9213184'	1.23	3.33	3.33	0.8	1.3	3.33	0.33 No	0.33	Unintentional Islanding
RPO311	1101	'460329106_/460329143'	1.2	3.33	3.33	0.8	1.27	3.33	0.33 No	0.33	Unintentional Islanding
RPO311	1102	'57857818_/57857825'	1.37	3.33	3.33	0.8	1.27	3.33	0.33 No	0.33	Unintentional Islanding

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RPO311	1103	'566947462_/144725602_1'	1.43	3.33	3.33	0.8	1.2	3.33	0.33 No	0.33	Unintentional Islanding
RPO311	1104	'7799763_/8579796'	1.2	3.33	3.33	0.8	1.9	3.33	0.33 No	0.33	Unintentional Islanding
RPO311	1105	'57857846_/57857863'	1.37	3.33	3.33	0.8	1.27	3.33	0.33 No	0.33	Unintentional Islanding
RPO311	1106	'460329062_/460329125'	1.17	3.33	3.33	0.8	1.27	3.33	0.33 No	0.33	Unintentional Islanding
RPO311	1107	'7320417_/7320415'	1.17	3.33	3.33	0.8	1.3	3.33	0.33 No	0.33	Unintentional Islanding
RPO311	1108	'460329023_/460329081'	1.13	3.33	3.33	0.8	1.27	3.33	0.33 No	0.33	Unintentional Islanding
RPO311	1109	'429274838_/429274913'	1.3	3.33	3.33	0.8	0.7	3.33	0.33 No	0.33	Unintentional Islanding
RPO311	1110	'448849869_/429274857'	1.3	3.33	3.33	0.8	1.3	3.33	0.33 No	0.33	Unintentional Islanding
RPO311	1111	'57857570_/57857608'	1.3	3.33	3.33	0.8	1.27	3.33	0.33 No	0.33	Unintentional Islanding
RPO311	1112	'57857539_/57857577'	1.3	3.33	3.33	0.8	1.27	3.33	0.33 No	0.33	Unintentional Islanding
RPO311	1113	'7799764_/7799761'	1.13	3.33	3.33	0.8	1.9	3.33	0.33 No	0.33	Unintentional Islanding
RPO311	1114	'460328923_/460329042'	1.07	3.33	3.33	0.8	1.27	3.33	0.33 No	0.33	Unintentional Islanding
RPO311	1115	'64938481_/64938428'	1.27	3.33	3.33	0.8	1.27	3.33	0.33 No	0.33	Unintentional Islanding
RPO311	1116	'8899668_/8899666'	1.1	3.33	3.33	0.8	1.3	3.33	0.33 No	0.33	Unintentional Islanding
RPO311	1117	'64938501_/57857546'	1.23	3.33	3.33	0.8	1.27	3.33	0.33 No	0.33	Unintentional Islanding
RPO311	1118	'495014398_/495014402'	1.03	3.33	3.33	0.8	1.27	3.33	0.33 No	0.33	Unintentional Islanding
RPO311	1119	'9382630_/7799833'	1.1	3.33	3.33	0.8	1.9	3.33	0.33 No	0.33	Unintentional Islanding
RPO311	1120	'43516007_/389377441'	3.33	3.33	3.33	0.8	1	3.33	0.32 No	0.32	Unintentional Islanding
RPO311	1121	'64938316_/64021323'	1.2	3.33	3.33	0.8	1.27	3.33	0.33 No	0.33	Unintentional Islanding
RPO311	1122	'495014428_/495014444'	1.03	3.33	3.33	0.8	1.27	3.33	0.33 No	0.33	Unintentional Islanding
RPO311	1123	'495014460_/495014476'	1.03	3.33	3.33	0.8	1.27	3.33	0.33 No	0.33	Unintentional Islanding
RPO311	1124	'57857477_/57857515'	1.17	3.33	3.33	0.8	1.27	3.33	0.33 No	0.33	Unintentional Islanding
RPO311	1125	'495014492_/495014522'	1	3.33	3.33	0.8	1.27	3.33	0.33 No	0.33	Unintentional Islanding
RPO311	1126	'7320649_/7320663_2'	3.33	3.33	3.33	0.8	1	3.33	0.32 No	0.32	Unintentional Islanding
RPO311	1127	'4449647_/389377420'	3.33	3.33	3.33	0.8	1	3.33	0.32 No	0.32	Unintentional Islanding
RPO311	1128	'9382631_/9382628'	1.03	3.33	3.33	0.8	1.9	3.33	0.33 No	0.33	Unintentional Islanding
RPO311	1129	'460328858_/460328942'	0.97	3.33	3.33	0.8	1.27	3.33	0.33 No	0.33	Unintentional Islanding
RPO311	1130	'9525756_/9525770'	1.03	3.33	3.33	0.8	1.9	3.33	0.33 No	0.33	Unintentional Islanding
RPO311	1131	'8899966_/9525754'	1	3.33	3.33	0.8	1.9	3.33	0.33 No	0.33	Unintentional Islanding
RPO311	1132	'389377813_/7485828_1'	3.33	3.33	3.33	0.8	1	3.33	0.32 No	0.32	Unintentional Islanding
RPO311	1133	'574606194_/460328877_1'	0.97	3.33	3.33	0.8	2.03	3.33	0.33 No	0.33	Unintentional Islanding
RPO311	1134	'57857446_/57857484'	1.07	3.33	3.33	0.8	1.27	3.33	0.33 No	0.33	Unintentional Islanding
RPO311	1135	'566566889_/8899964'	0.97	3.33	3.33	0.8	1.9	3.33	0.33 No	0.33	Unintentional Islanding
RPO311	1136	'410712362_/566566893'	0.93	3.33	3.33	0.8	1.9	3.33	0.33 No	0.33	Unintentional Islanding
RPO311	1137	'407409145_/407409149'	0.93	3.33	3.33	0.8	1.9	3.33	0.33 No	0.33	Unintentional Islanding
RPO311	1138	'4449646_/389377399'	3.33	3.33	3.33	0.8	1	3.33	0.32 No	0.32	Unintentional Islanding
RPO311	1139	'407409181_/407409215'	0.93	3.33	3.33	0.8	1.9	3.33	0.33 No	0.33	Unintentional Islanding
RPO311	1140	'57857415_/57857453'	1.03	3.33	3.33	0.8	1.27	3.33	0.33 No	0.33	Unintentional Islanding
RPO311	1141	'7954092_/7954090'	0.93	3.33	3.33	0.8	1.9	3.33	0.33 No	0.33	Unintentional Islanding
RPO311	1142	'57857358_/57857422'	1	3.33	3.33	0.8	1.27	3.33	0.33 No	0.33	Unintentional Islanding
RPO311	1143	'8269035_/8269033'	0.9	3.33	3.33	0.8	1.9	3.33	0.33 No	0.33	Unintentional Islanding
RPO311	1144	'7954428_/57857364'	1	3.33	3.33	0.8	1.27	3.33	0.33 No	0.33	Unintentional Islanding
RPO311	1145	'7320034_/8897112'	0.87	3.33	3.33	0.8	1.9	3.33	0.33 No	0.33	Unintentional Islanding
RPO311	1146	'121630626_/389377481'	3.33	3.33	3.33	0.8	1	3.33	0.32 No	0.32	Unintentional Islanding
RPO311	1147	'389377798_/121630628_1'	3.33	3.33	3.33	0.8	0.4	3.33	0.32 No	0.32	Unintentional Islanding
RPO311	1148	'121630900_/121630628_2'	3.33	3.33	3.33	0.8	0.4	3.33	0.32 No	0.32	Unintentional Islanding
RPO311	1149	'7320033_/7320031'	0.87	3.33	3.33	0.8	1.9	3.33	0.33 No	0.33	Unintentional Islanding
RPO311	1150	'389377804_/8269229_1'	3.33	3.33	3.33	0.8	1	3.33	0.32 No	0.32	Unintentional Islanding
RPO311	1151	'50262655_/7954426'	0.97	3.33	3.33	0.8	1.27	3.33	0.33 No	0.33	Unintentional Islanding
RPO311	1152	'8269876_/9525624'	0.93	3.33	3.33	0.8	1.27	3.33	0.33 No	0.33	Unintentional Islanding
RPO311	1153	'7485831_/7485828_2'	3.33	3.33	3.33	0.8	1	3.33	0.32 No	0.32	Unintentional Islanding
RPO311	1154	'121630945_/151112199'	3.33	3.33	3.33	0.8	0.4	3.33	0.32 No	0.32	Unintentional Islanding
RPO311	1155	'7320650_/7320647'	3.33	3.33	3.33	0.8	1	3.33	0.32 No	0.32	Unintentional Islanding
RPO311	1156	'4449663_/4449660'	3.33	3.33	3.33	0.8	1	3.33	0.32 No	0.32	Unintentional Islanding
RPO311	1157	'8269877_/8269874'	0.93	3.33	3.33	0.8	1.27	3.33	0.32 No	0.32	Unintentional Islanding
RPO311	1158	'8579491_/8897080'	0.83	3.33	3.33	0.8	1.9	3.33	0.33 No	0.33	Unintentional Islanding
RPO311	1159	'405275315_/405275319'	0.8	3.33	3.33	0.8	1.9	3.33	0.33 No	0.33	Unintentional Islanding
RPO311	1160	'405275279_/405275355'	0.8	3.33	3.33	0.8	1.9	3.33	0.33 No	0.33	Unintentional Islanding
RPO311	1161	'8579490_/8579488'	0.8	3.33	3.33	0.8	1.9	3.33	0.33 No	0.33	Unintentional Islanding
RPO311	1162	'405275207_/405275211'	0.77	3.33	3.33	0.8	1.9	3.33	0.32 No	0.32	Unintentional Islanding
RPO311	1163	'405275171_/405275245'	0.77	3.33	3.33	0.8	1.9	3.33	0.32 No	0.32	Unintentional Islanding
RPO311	1164	'4449676_/4449673'	3.33	3.33	3.33	0.8	1	3.33	0.32 No	0.32	Unintentional Islanding
RPO311	1165	'7911549_/9525280'	0.77	3.33	3.33	0.8	1.9	3.33	0.32 No	0.32	Unintentional Islanding
RPO311	1166	'330533702_/8269229_2'	3.33	3.33	3.33	0.8	1	3.33	0.32 No	0.32	Unintentional Islanding
RPO311	1167	'7911550_/7911547'	0.77	3.33	3.33	0.8	1.9	3.33	0.32 No	0.32	Unintentional Islanding
RPO311	1168	'8269909_/8269906'	0.83	3.33	3.33	0.8	1.27	3.33	0.32 No	0.32	Unintentional Islanding
RPO311	1169	'7636495_/9213892'	0.8	3.33	3.33	0.8	1.27	3.33	0.32 No	0.32	Unintentional Islanding
RPO311	1170	'8268876_/8268873'	0.73	3.33	3.33	0.8	1.9	3.33	0.32 No	0.32	Unintentional Islanding
RPO311	1171	'416700211_/544433124'	0.73	3.33	3.33	0.8	1.9	3.33	0.32 No	0.32	Unintentional Islanding
RPO311	1172	'7954540_/8269325'	1.97	3.33	3.33	0.8	1	3.33	0.32 No	0.32	Unintentional Islanding
RPO311	1173	'7636494_/7636492'	0.73	3.33	3.33	0.8	1.27	3.33	0.32 No	0.32	Unintentional Islanding
RPO311	1174	'9213862_/9213860'	0.73	3.33	3.33	0.8	1.27	3.33	0.32 No	0.32	Unintentional Islanding
RPO311	1175	'7321134_/7321131'	1.7	3.33	3.33	0.8	1	3.33	0.32 No	0.32	Unintentional Islanding
RPO311	1176	'8900047_/9526106'	0.7	3.33	3.33	0.8	1.27	3.33	0.32 No	0.32	Unintentional Islanding
RPO311	1177	'8900046_/8900044'	0.7	3.33	3.33	0.8	1.27	3.33	0.32 No	0.32	Unintentional Islanding
RPO311	1178	'7954795_/9213844'	0.67	3.33	3.33	0.8	1.27	3.33	0.32 No	0.32	Unintentional Islanding
RPO311	1179	'7954541_/7954538'	1.37	3.33	3.33	0.8	1	3.33	0.32 No	0.32	Unintentional Islanding
RPO311	1180	'7954794_/7954792'	0.67	3.33	3.33	0.8	1.27	3.33	0.32 No	0.32	Unintentional Islanding
RPO311	1181	'77833230_/544432896'	0.67	3.33	3.33	0.8	1.27	3.33	0.32 No	0.32	Unintentional Islanding
RPO311	1182	'8580345_/8580342'	1.33	3.33	3.33	0.8	1	3.33	0.32 No	0.32	Unintentional Islanding
RPO311	1183	'121631136_/9525640'	1.13	3.33	3.33	0.8	1	3.33	0.32 No	0.32	Unintentional Islanding
RPO311	1184	'8900414_/9526222'	1.07	3.33	3.33	0.8	1	3.33	0.32 No	0.32	Unintentional Islanding
RPO311	1185	'154704918_/154704893_1'	0.87	3.33	3.33	0.8	1	3.33	0.31 No	0.31	Unintentional Islanding
RPO311	1186	'154704888_/154704893_2'	0.87	3.33	3.33	0.8	1	3.33	0.31 No	0.31	Unintentional Islanding
RPO311	1187	'121631171_/330533514_3'	0.87	3.33	3.33	0.8	1	3.33	0.31 No	0.31	Unintentional Islanding
RPO311	1188	'8269840_/8900412'	0.9	3.33	3.33	0.8	1	3.33	0.31 No	0.31	Unintentional Islanding
RPO311	1189	'8269841_/8269838'	0.73	3.33	3.33	0.8	1	3.33	0.31 No	0.31	Unintentional Islanding
RPO311	1190	'7320482_/121631176'	0.7	3.33	3.33	0.8	1	3.33	0.31 No	0.31	Unintentional Islanding
RPO311	1191	'7320481_/7320479'	0.67	3.33	3.33	0.8	1	3.33	0.31 No	0.31	Unintentional Islanding
RPO311	1192	'8899999_/8899996'	0.67	3.33	3.33	0.8	1	3.33	0.31 No	0.31	Unintentional Islanding
RPO311	1193	'416269233_/7635716_1'	3.33	1.07	3.33	0.8	0.2	2.47	0.31 No	0.2	Element Fault
RPO311	1194	'415538467_/415538393_1'	3.33	1.07	3.33	0.8	0.2	2.46	0.31 No	0.2	Element Fault
RPO311	1195	'124697279_/8579938_2'	3.33	3.33	3.33	0.8	0.3	3.33	0.31 No	0.3	Element Fault
RPO311	1196	'156568060_/7636118_2'	3.33	3.33	3.33	0.8	0.3	3.33	0.31 No	0.3	Element Fault

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RPO311	1197	'8900094_/_9525802'		0.6	3.33	3.33	0.8	1	3.33	0.31 No	0.31 Unintentional Islanding
RPO311	1198	'8269311_/_8269309'		0.6	3.33	3.33	0.8	1	3.33	0.31 No	0.31 Unintentional Islanding
RPO311	1199	'7636120_/_7636118_1'		3.33	3.33	3.33	0.8	0.3	3.33	0.31 No	0.3 Element Fault
RPO311	1200	'398670437_/_415538393_2'		3.33	1.07	3.33	0.8	0.2	2.4	0.31 No	0.2 Element Fault
RPO311	1201	'8580312_/_8580310'		0.57	3.33	3.33	0.8	1	3.33	0.31 No	0.31 Unintentional Islanding
RPO311	1202	'7954586_/_8579938_1'		3.33	3.33	3.33	0.8	0.3	3.33	0.31 No	0.3 Element Fault
RPO311	1203	'8900095_/_8900092'		0.57	3.33	3.33	0.8	1	3.33	0.31 No	0.31 Unintentional Islanding
RPO311	1204	'8899781_/_9213924'		0.5	3.33	3.33	0.8	1	3.33	0.31 No	0.31 Unintentional Islanding
RPO311	1205	'7320989_/_9213796'		0.5	3.33	3.33	0.8	1	3.33	0.31 No	0.31 Unintentional Islanding
RPO311	1206	'7954587_/_7954584'		3.33	3.33	3.33	0.8	0.3	3.33	0.31 No	0.3 Element Fault
RPO311	1207	'8268504_/_9525710'		3.33	3.33	3.33	0.8	0.3	3.33	0.31 No	0.3 Element Fault
RPO311	1208	'7636106_/_544432749'		3.33	3.33	3.33	0.8	0.3	3.33	0.31 No	0.3 Element Fault
RPO311	1209	'7635719_/_7635716_2'		3.33	1.07	3.33	0.8	0.2	2.23	0.31 No	0.2 Element Fault
RPO311	1210	'7635959_/_8899778'		0.47	3.33	3.33	0.8	1	3.33	0.31 No	0.31 Unintentional Islanding
RPO311	1211	'7911370_/_398670443'		3.33	1.07	3.33	0.8	0.2	2.18	0.31 No	0.2 Element Fault
RPO311	1212	'7320974_/_7320987'		0.43	3.33	3.33	0.8	1	3.33	0.31 No	0.31 Unintentional Islanding
RPO311	1213	'7954826_/_7636146'		3.33	3.33	3.33	0.8	0.3	3.13	0.31 No	0.3 Element Fault
RPO311	1214	'7635958_/_7635956'		0.43	3.23	3.33	0.8	1	3.33	0.31 No	0.31 Unintentional Islanding
RPO311	1215	'7320973_/_7320971'		0.4	3.17	3.33	0.8	1	3.3	0.31 No	0.31 Unintentional Islanding
RPO311	1216	'8269295_/_8429112'		0.4	2.97	3.33	0.8	1	3.21	0.31 No	0.31 Unintentional Islanding
RPO311	1217	'8900031_/_8900028'		3.33	1.07	3.33	0.8	0.2	2.08	0.31 No	0.2 Element Fault
RPO311	1218	'7954601_/_7954824'		3.33	3.33	3.33	0.8	0.3	2.95	0.31 No	0.3 Element Fault
RPO311	1219	'546365981_/_9066227'		0.37	2.83	3.33	0.8	1	3.11	0.31 No	0.31 Unintentional Islanding
RPO311	1220	'546365961_/_9694266'		0.37	2.8	3.33	0.8	1	3.09	0.31 No	0.31 Unintentional Islanding
RPO311	1221	'7635910_/_7635908'		0.37	2.83	3.33	0.8	1	3.07	0.31 No	0.31 Unintentional Islanding
RPO311	1222	'7631766_/_7911367'		3.33	1.07	3.33	0.8	0.2	2.04	0.31 No	0.2 Element Fault
RPO311	1223	'7636199_/_9213480'		3.33	1.07	3.33	0.8	0.2	2.03	0.31 No	0.2 Element Fault
RPO311	1224	'7954710_/_9213764'		0.37	2.77	3.33	0.8	1	3.02	0.31 No	0.31 Unintentional Islanding
RPO311	1225	'7954600_/_7954598'		0.73	3.33	3.33	0.8	0.3	2.79	0.31 No	0.3 Element Fault
RPO311	1226	'7954711_/_7954708'		0.37	2.67	3.33	0.8	1	2.96	0.31 No	0.31 Unintentional Islanding
RPO311	1227	'9066396_/_9066393'		0.33	2.6	3.33	0.8	1	2.94	0.31 No	0.31 Unintentional Islanding
RPO311	1228	'7320618_/_7636196'		3.33	1.07	3.33	0.8	0.2	1.99	0.31 No	0.2 Element Fault
RPO311	1229	'8899717_/_8899714'		0.37	2.6	3.33	0.8	1	2.9	0.31 No	0.31 Unintentional Islanding
RPO311	1230	'7950712_/_9213200'		0.33	2.53	3.33	0.8	1	2.89	0.31 No	0.31 Unintentional Islanding
RPO311	1231	'7950713_/_7950710'		0.33	2.53	3.33	0.8	1	2.89	0.31 No	0.31 Unintentional Islanding
RPO311	1232	'7954289_/_8579680'		0.33	2.53	3.33	0.8	1	2.88	0.31 No	0.31 Unintentional Islanding
RPO311	1233	'7320617_/_7320615'		3.33	1.07	3.33	0.8	0.2	1.95	0.31 No	0.2 Element Fault
RPO311	1234	'8896835_/_9525738'		0.6	3.33	3.33	0.8	0.3	2.65	0.31 No	0.3 Element Fault
RPO311	1235	'7631767_/_7631764'		3.33	1.07	3.33	0.8	0.2	1.93	0.31 No	0.2 Element Fault
RPO311	1236	'7636134_/_8896832'		0.57	3.33	3.33	0.8	0.3	2.59	0.31 No	0.3 Element Fault
RPO311	1237	'8579714_/_9213216'		0.33	2.4	3.33	0.8	1	2.75	0.31 No	0.31 Unintentional Islanding
RPO311	1238	'8268796_/_8268793'		3.33	1.07	3.33	0.8	0.2	1.89	0.31 No	0.2 Element Fault
RPO311	1239	'8579715_/_8579712'		0.3	2.3	3.33	0.8	1	2.66	0.31 No	0.3 Primary Over-Voltage
RPO311	1240	'7635975_/_7954286'		0.3	2.2	3.33	0.8	1	2.61	0.31 No	0.3 Primary Over-Voltage
RPO311	1241	'8269485_/_9525724'		0.47	3.33	3.33	0.8	0.3	2.43	0.31 No	0.3 Element Fault
RPO311	1242	'7635974_/_7635972'		0.3	2.17	3.33	0.8	1	2.57	0.31 No	0.3 Primary Over-Voltage
RPO311	1243	'396217090_/_544433052'		0.3	2.17	3.33	0.8	1	2.57	0.31 No	0.3 Primary Over-Voltage
RPO311	1244	'8898731_/_9212432'		3.33	1.07	3.33	0.8	0.2	1.81	0.31 No	0.2 Element Fault
RPO311	1245	'8269484_/_8269482'		0.43	3.33	3.33	0.8	0.3	2.33	0.31 No	0.3 Element Fault
RPO311	1246	'63233572_/_8898728'		3.33	1.07	3.33	0.8	0.2	1.74	0.31 No	0.2 Element Fault
RPO311	1247	'63233607_/_63233666'		3.33	1.07	3.33	0.8	0.2	1.74	0.31 No	0.2 Element Fault
RPO311	1248	'7319569_/_9212536'		3.33	1.07	3.33	0.8	0.2	1.74	0.31 No	0.2 Element Fault
RPO311	1249	'7319586_/_7319583'		3.33	1.07	3.33	0.8	0.2	1.74	0.31 No	0.2 Element Fault
RPO311	1250	'351822938_/_353052015_1'		10	8.2	10	2.4	0.4	6.13	0.92 No	0.4 Element Fault
RPO311	1251	'351822893_/_353052015_2'		10	8.2	10	2.4	0.4	6.13	0.92 No	0.4 Element Fault
RPO311	1252	'350674276_/_336701980_1'		10	8.2	10	2.4	0.3	6.12	0.92 No	0.3 Element Fault
RPO311	1253	'7636107_/_8899950'		0.4	3.33	3.33	0.8	0.3	2.23	0.31 No	0.3 Element Fault
RPO311	1254	'336701938_/_336701980_2'		10	8.2	10	2.4	0.3	6.1	0.92 No	0.3 Element Fault
RPO311	1255	'156558797_/_9524866_2'		3.33	2.73	3.33	0.8	0.1	2.03	0.31 No	0.1 Element Fault
RPO311	1256	'7319570_/_7319567'		3.33	1.07	3.33	0.8	0.2	1.71	0.31 No	0.2 Element Fault
RPO311	1257	'7954057_/_336701942'		10	8.2	10	2.4	0.3	5.93	0.92 No	0.3 Element Fault
RPO311	1258	'7319653_/_9524866_1'		3.33	2.73	3.33	0.8	0.1	1.98	0.31 No	0.1 Element Fault
RPO311	1259	'7632014_/_7632012'		3.33	1.07	3.33	0.8	0.2	1.68	0.31 No	0.2 Element Fault
RPO311	1260	'37786754_/_7319651'		3.33	2.73	3.33	0.8	0.1	1.95	0.31 No	0.1 Element Fault
RPO311	1261	'37786733_/_37786758'		3.33	2.73	3.33	0.8	0.1	1.95	0.31 No	0.1 Element Fault
RPO311	1262	'37786740_/_37786737'		3.33	2.73	3.33	0.8	0.1	1.95	0.31 No	0.1 Element Fault
RPO311	1263	'402114723_/_402114720'		3.33	2.73	3.33	0.8	0.1	1.94	0.31 No	0.1 Element Fault
RPO311	1264	'37786726_/_37786730'		3.33	2.73	3.33	0.8	0.1	1.94	0.31 No	0.1 Element Fault
RPO311	1265	'7631783_/_8268681'		3.33	1.07	3.33	0.8	0.2	1.64	0.31 No	0.2 Element Fault
RPO311	1266	'8579234_/_8579232'		3.33	1.07	3.33	0.8	0.2	1.64	0.31 No	0.2 Element Fault
RPO311	1267	'7631814_/_8268517'		3.33	2.73	3.33	0.8	0.1	1.89	0.31 No	0.1 Element Fault
RPO311	1268	'7319670_/_7319667'		3.33	2.73	3.33	0.8	0.1	1.89	0.31 No	0.1 Element Fault
RPO311	1269	'8899912_/_9212448'		10	8.2	10	2.4	0.3	5.62	0.92 No	0.3 Element Fault
RPO311	1270	'7631815_/_7631812'		3.33	2.73	3.33	0.8	0.1	1.87	0.31 No	0.1 Element Fault
RPO311	1271	'7631782_/_7631780'		3.33	1.07	3.33	0.8	0.2	1.6	0.31 No	0.2 Element Fault
RPO311	1272	'77834909_/_544432768'		3.33	1.07	3.33	0.8	0.2	1.6	0.31 No	0.2 Element Fault
RPO311	1273	'8269470_/_8269467'		6.67	5.47	6.67	1.6	0.2	3.68	0.61 No	0.2 Element Fault
RPO311	1274	'7954570_/_8899910'		10	8.2	10	2.4	0.3	5.51	0.92 No	0.3 Element Fault
RPO311	1275	'8899933_/_9525690'		10	8.2	10	2.4	0.3	5.44	0.92 No	0.3 Element Fault
RPO311	1276	'8268536_/_8268533'		3.33	2.4	3.33	0.8	0.1	1.81	0.31 No	0.1 Element Fault
RPO311	1277	'8268780_/_9525046'		3.33	1.07	3.33	0.8	0.2	1.56	0.31 No	0.2 Element Fault
RPO311	1278	'7954571_/_7954568'		3.33	2.73	3.33	0.8	0.1	1.76	0.31 No	0.1 Element Fault
RPO311	1279	'8268551_/_8579052'		3.33	2.4	3.33	0.8	0.1	1.71	0.31 No	0.1 Element Fault
RPO311	1280	'8268779_/_8268777'		3.33	1.07	3.33	0.8	0.2	1.5	0.31 No	0.2 Element Fault
RPO311	1281	'7950565_/_9525030'		3.33	1.07	3.33	0.8	0.2	1.47	0.31 No	0.2 Element Fault
RPO311	1282	'8268552_/_8268549'		3.33	2.4	3.33	0.8	0.1	1.63	0.31 No	0.1 Element Fault
RPO311	1283	'7950564_/_7950562'		3.33	1.07	3.33	0.8	0.2	1.44	0.31 No	0.2 Element Fault
RPO311	1284	'7631831_/_8268585'		3.33	1.07	3.33	0.8	0.2	1.43	0.31 No	0.2 Element Fault
RPO311	1285	'9367213_/_9367210'		0.4	2.4	3.33	0.8	0.1	1.58	0.31 No	0.1 Element Fault
RPO311	1286	'9212419_/_9524898'		3.33	1.07	3.33	0.8	0.2	1.41	0.31 No	0.2 Element Fault
RPO311	1287	'7631751_/_9212416'		3.33	1.07	3.33	0.8	0.2	1.38	0.31 No	0.2 Element Fault
RPO311	1288	'7631750_/_7631748'		3.33	1.07	3.33	0.8	0.2	1.36	0.31 No	0.2 Element Fault
RPO311	1289	'7631798_/_7631796'		3.33	1.07	3.33	0.8	0.2	1.35	0.31 No	0.2 Element Fault
RPO311	1290	'7631894_/_8578988'		3.33	1.07	3.33	0.8	0.2	1.31	0.31 No	0.2 Element Fault

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RPO311	1291	'351823152_/_353052063_1'	10	4.2	10	2.4	0.3	3.71	0.92 No	0.3	Element Fault
RPO311	1292	'336702516_/_353052063_2'	10	4.2	10	2.4	0.3	3.69	0.92 No	0.3	Element Fault
RPO311	1293	'351823178_/_8268565_2'	10	4.2	10	2.4	0.3	3.69	0.92 No	0.3	Element Fault
RPO311	1294	'444394319_/_9217434_1'	3.33	1.4	3.33	0.8	0.1	1.21	0.31 No	0.1	Element Fault
RPO311	1295	'514620493_/_409709623_2'	3.33	1.4	3.33	0.8	0.1	1.21	0.31 No	0.1	Element Fault
RPO311	1296	'478155100_/_9217434_2'	3.33	1.4	3.33	0.8	0.1	1.2	0.31 No	0.1	Element Fault
RPO311	1297	'8268568_/_8268565_1'	10	4.2	10	2.4	0.2	3.59	0.92 No	0.2	Element Fault
RPO311	1298	'9217437_/_478155124'	3.33	1.4	3.33	0.8	0.1	1.19	0.31 No	0.1	Element Fault
RPO311	1299	'8273853_/_409709623_1'	3.33	1.4	3.33	0.8	0.1	1.17	0.31 No	0.1	Element Fault
RPO311	1300	'473061520_/_8583834'	3.33	1.4	3.33	0.8	0.1	1.16	0.31 No	0.1	Element Fault
RPO311	1301	'8583837_/_473061543'	3.33	1.4	3.33	0.8	0.1	1.15	0.31 No	0.1	Element Fault
RPO312	0	'RPO312_/_742063284_1'	10	10	10	2.31	10	10	10 No	2.31	Thermal Discharging
RPO312	1	'746780802_/_742063284_1'	10	10	10	2.31	10	10	10 No	2.31	Thermal Discharging
RPO312	2	'726661457_/_742063284_2'	10	10	10	2.31	10	10	10 No	2.31	Thermal Discharging
RPO312	3	'726661439_/_726661454'	10	10	10	2.31	10	10	10 No	2.31	Thermal Discharging
RPO312	4	'726661421_/_726661436'	10	10	10	2.31	10	10	10 No	2.31	Thermal Discharging
RPO312	5	'726661353_/_726661418'	10	10	10	2.31	10	10	10 No	2.31	Thermal Discharging
RPO312	6	'726661529_/_726661494_1'	3.33	3.33	3.33	0.77	0.7	3.33	3.33 No	0.7	Element Fault
RPO312	7	'4446614_/_746780333'	10	10	10	2.31	10	10	10 No	2.31	Thermal Discharging
RPO312	8	'352174156_/_746780313'	10	10	10	2.31	10	10	10 No	2.31	Thermal Discharging
RPO312	9	'746780276_/_746780293'	10	10	10	2.31	10	10	10 No	2.31	Thermal Discharging
RPO312	10	'4434018_/_746780273'	10	10	10	2.31	10	10	10 No	2.31	Thermal Discharging
RPO312	11	'746780743_/_726661357_1'	3.33	3.33	3.33	0.77	1.9	3.33	3.33 No	0.77	Thermal Discharging
RPO312	12	'476689424_/_476689405_1'	10	10	10	2.31	2.2	10	10 No	2.2	Element Fault
RPO312	13	'476689362_/_746780349'	10	10	10	2.31	10	10	10 No	2.31	Thermal Discharging
RPO312	14	'746780684_/_726661357_2'	3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77	Thermal Discharging
RPO312	15	'4433992_/_746780369'	10	10	10	2.31	10	10	10 No	2.31	Thermal Discharging
RPO312	16	'746780392_/_746780389'	10	10	10	2.31	10	10	10 No	2.31	Thermal Discharging
RPO312	17	'4433979_/_746780407'	10	10	10	2.31	10	10	10 No	2.31	Thermal Discharging
RPO312	18	'252525163_/_545737445_1'	3.33	3.33	3.33	0.77	0.2	3.33	3.33 No	0.2	Element Fault
RPO312	19	'252525243_/_545737445_2'	3.33	3.33	3.33	0.77	0.2	3.33	3.33 No	0.2	Element Fault
RPO312	20	'746780428_/_746780425'	10	10	10	2.31	10	10	10 No	2.31	Thermal Discharging
RPO312	21	'746780446_/_746780443'	10	10	10	2.31	10	10	10 No	2.31	Thermal Discharging
RPO312	22	'4433746_/_746780461'	10	10	10	2.31	10	10	10 No	2.31	Thermal Discharging
RPO312	23	'415347091_/_64110638'	10	10	10	2.31	10	10	10 No	2.31	Thermal Discharging
RPO312	24	'51897963_/_336701566'	10	10	10	2.31	10	10	10 No	2.31	Thermal Discharging
RPO312	25	'43516310_/_240425741'	10	10	10	2.31	10	10	10 No	2.31	Thermal Discharging
RPO312	26	'726661478_/_726661494_2'	3.33	3.33	3.33	0.77	0.7	3.33	3.33 No	0.7	Element Fault
RPO312	27	'64110641_/_124696710'	10	10	10	2.31	10	10	10 No	2.31	Thermal Discharging
RPO312	28	'4433894_/_240425721'	10	10	10	2.31	10	10	10 No	2.31	Thermal Discharging
RPO312	29	'476689388_/_476689405_2'	10	10	10	2.31	2.2	10	10 No	2.2	Element Fault
RPO312	30	'43516323_/_240425697'	10	10	10	2.31	10	10	10 No	2.31	Thermal Discharging
RPO312	31	'57780251_/_43516279'	10	10	10	2.31	10	10	10 No	2.31	Thermal Discharging
RPO312	32	'4433868_/_4433878'	10	10	10	2.31	10	10	10 No	2.31	Thermal Discharging
RPO312	33	'64110624_/_544432506'	1.03	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77	Thermal Discharging
RPO312	34	'4433928_/_240425673'	10	10	10	2.31	10	10	10 No	2.31	Thermal Discharging
RPO312	35	'391638182_/_391638195'	10	10	10	2.31	10	10	10 No	2.31	Thermal Discharging
RPO312	36	'4433945_/_240425649'	10	10	10	2.31	10	10	10 No	2.31	Thermal Discharging
RPO312	37	'54555451_/_391638179'	10	10	10	2.31	10	10	10 No	2.31	Thermal Discharging
RPO312	38	'64110558_/_64110555'	10	10	10	2.31	10	10	10 No	2.31	Thermal Discharging
RPO312	39	'4446466_/_240425631'	10	10	10	2.31	10	10	10 No	2.31	Thermal Discharging
RPO312	40	'54556158_/_54555587_1'	3.33	3.33	3.33	0.77	1.3	3.33	3.33 No	0.77	Thermal Discharging
RPO312	41	'4446588_/_4446637_1'	3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77	Thermal Discharging
RPO312	42	'43515778_/_240422846'	10	10	10	2.31	10	10	10 No	2.31	Thermal Discharging
RPO312	43	'57780316_/_43516268'	10	10	10	2.31	10	10	10 No	2.31	Thermal Discharging
RPO312	44	'4446600_/_4446637_2'	3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77	Thermal Discharging
RPO312	45	'4446500_/_240422828'	10	10	10	2.31	10	10	10 No	2.31	Thermal Discharging
RPO312	46	'64110579_/_64110576'	10	10	10	2.31	10	10	10 No	2.31	Thermal Discharging
RPO312	47	'384910184_/_384909107_1'	3.33	3.33	3.33	0.77	2	3.33	3.33 No	0.77	Thermal Discharging
RPO312	48	'391638230_/_4433718'	10	10	10	2.31	10	10	10 No	2.31	Thermal Discharging
RPO312	49	'4446517_/_240422810'	10	10	10	2.31	10	10	10 No	2.31	Thermal Discharging
RPO312	50	'53758210_/_54555587_2'	3.33	3.33	3.33	0.77	1.3	3.33	3.33 No	0.77	Thermal Discharging
RPO312	51	'53758244_/_53758251'	3.33	3.33	3.33	0.77	1.3	3.33	3.33 No	0.77	Thermal Discharging
RPO312	52	'4446534_/_240422792'	10	10	10	2.31	10	10	10 No	2.31	Thermal Discharging
RPO312	53	'53758179_/_53758270'	3.33	3.33	3.33	0.77	1.3	3.33	3.33 No	0.77	Thermal Discharging
RPO312	54	'87585319_/_391638227'	10	10	10	2.31	10	10	10 No	2.31	Thermal Discharging
RPO312	55	'87585735_/_87585716_2'	3.33	3.33	3.33	0.77	3.33	3.33	3.33 No	0.77	Thermal Discharging
RPO312	56	'51205192_/_391638108_2'	10	10	10	2.31	10	10	10 No	2.31	Thermal Discharging
RPO312	57	'391638054_/_391638108_1'	10	10	10	2.31	10	10	10 No	2.31	Thermal Discharging
RPO312	58	'4446554_/_240422774'	10	10	10	2.31	10	10	10 No	2.31	Thermal Discharging
RPO312	59	'87585250_/_64372526_1'	3.33	3.33	3.33	0.77	1.9	3.33	3.33 No	0.77	Thermal Discharging
RPO312	60	'391638053_/_391638051'	10	10	10	2.31	10	10	10 No	2.31	Thermal Discharging
RPO312	61	'391638833_/_391638837'	10	10	10	2.31	10	10	10 No	2.31	Thermal Discharging
RPO312	62	'4446571_/_240422756'	10	10	10	2.31	10	10	10 No	2.31	Thermal Discharging
RPO312	63	'54967483_/_51204443_1'	3.33	3.33	3.33	0.77	1.9	3.33	3.33 No	0.77	Thermal Discharging
RPO312	64	'4433803_/_391637994'	10	10	10	2.31	10	10	10 No	2.31	Thermal Discharging
RPO312	65	'4446601_/_4446598'	3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77	Thermal Discharging
RPO312	66	'2390310_/_240422738'	10	10	10	2.31	10	10	10 No	2.31	Thermal Discharging
RPO312	67	'428785412_/_468750756_2'	3.33	3.33	3.33	0.77	3.33	3.33	3.33 No	0.77	Thermal Discharging
RPO312	68	'391637945_/_391637943'	10	10	10	2.31	10	10	10 No	2.31	Thermal Discharging
RPO312	69	'2390311_/_240425213'	10	10	10	2.31	10	10	10 No	2.31	Thermal Discharging
RPO312	70	'428785406_/_2390295_2'	3.33	3.33	3.33	0.77	2.6	3.33	3.33 No	0.77	Thermal Discharging
RPO312	71	'106792596_/_86503563_1'	3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77	Thermal Discharging
RPO312	72	'43516299_/_391637899'	10	10	10	2.31	10	10	10 No	2.31	Thermal Discharging
RPO312	73	'2390328_/_240425175'	10	10	10	2.31	10	10	10 No	2.31	Thermal Discharging
RPO312	74	'85937895_/_86504016_1'	3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77	Thermal Discharging
RPO312	75	'390644271_/_390644222_1'	3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77	Thermal Discharging
RPO312	76	'391637806_/_391637857'	10	10	10	2.31	10	10	10 No	2.31	Thermal Discharging
RPO312	77	'2390348_/_240425137'	10	10	10	2.31	10	10	10 No	2.31	Thermal Discharging
RPO312	78	'391638741_/_391638788'	10	10	10	2.31	10	10	10 No	2.31	Thermal Discharging
RPO312	79	'77833327_/_391637803_2'	10	10	10	2.31	10	10	10 No	2.31	Thermal Discharging
RPO312	80	'391637776_/_391637803_1'	10	10	10	2.31	10	10	10 No	2.31	Thermal Discharging
RPO312	81	'64372523_/_64372526_2'	3.33	3.33	3.33	0.77	1.9	3.33	3.33 No	0.77	Thermal Discharging
RPO312	82	'86407880_/_107934405_1'	3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RPO312	83	'468750752_/468750756_1'	3.33	3.33	3.33	0.77	0.5	3.33	3.33 No	0.5 Element Fault	
RPO312	84	'2390579_/2391568'	3.33	3.33	3.33	0.77	0.5	3.33	3.33 No	0.5 Element Fault	
RPO312	85	'2390365_/240424352'	10	10	10	2.31	10	10	10 No	2.31 Thermal Discharging	
RPO312	86	'4434129_/391637773'	10	10	10	2.31	10	10	10 No	2.31 Thermal Discharging	
RPO312	87	'77507284_/775071138_1'	3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77 Thermal Discharging	
RPO312	88	'8269681_/9525946_1'	3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77 Thermal Discharging	
RPO312	89	'43144103_/240424320'	10	10	10	2.31	10	10	10 No	2.31 Thermal Discharging	
RPO312	90	'43516347_/391637720'	10	10	10	2.31	10	10	10 No	2.31 Thermal Discharging	
RPO312	91	'2390298_/2390295_1'	3.33	3.33	3.33	0.77	0.7	3.33	3.33 No	0.7 Element Fault	
RPO312	92	'64372586_/64372593'	3.33	3.33	3.33	0.77	1.9	3.33	3.33 No	0.77 Thermal Discharging	
RPO312	93	'409374371_/390644222_2'	3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77 Thermal Discharging	
RPO312	94	'69817220_/391637679'	10	10	10	2.31	10	10	10 No	2.31 Thermal Discharging	
RPO312	95	'2390399_/240424288'	10	10	10	2.31	10	10	10 No	2.31 Thermal Discharging	
RPO312	96	'4433708_/391637642'	10	10	10	2.31	10	10	10 No	2.31 Thermal Discharging	
RPO312	97	'2390416_/240424256'	10	10	10	2.31	10	10	10 No	2.31 Thermal Discharging	
RPO312	98	'384909029_/384909107_2'	3.33	3.33	3.33	0.77	2	3.33	3.33 No	0.77 Thermal Discharging	
RPO312	99	'106967937_/70147462_1'	3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77 Thermal Discharging	
RPO312	100	'44065415_/44065417'	10	10	10	2.31	10	10	10 No	2.31 Thermal Discharging	
RPO312	101	'87585678_/87585716_1'	3.33	3.33	3.33	0.77	2	3.33	3.33 No	0.77 Thermal Discharging	
RPO312	102	'2390433_/240424222'	10	10	10	2.31	10	10	10 No	2.31 Thermal Discharging	
RPO312	103	'68743731_/68743338_1'	3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77 Thermal Discharging	
RPO312	104	'54555580_/53758183'	3.33	3.33	3.33	0.77	1.3	3.33	3.33 No	0.77 Thermal Discharging	
RPO312	105	'43516288_/43516290'	10	10	10	2.31	10	10	10 No	2.31 Thermal Discharging	
RPO312	106	'2390450_/240424188'	10	10	10	2.31	10	10	10 No	2.31 Thermal Discharging	
RPO312	107	'69817186_/44065428'	10	10	10	2.31	10	10	10 No	2.31 Thermal Discharging	
RPO312	108	'44065426_/69817191'	10	10	10	2.31	10	10	10 No	2.31 Thermal Discharging	
RPO312	109	'77836779_/240424145'	10	10	10	2.31	10	10	10 No	2.31 Thermal Discharging	
RPO312	110	'86503943_/86504016_2'	3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77 Thermal Discharging	
RPO312	111	'7182740_/7182754'	10	10	10	2.31	10	10	10 No	2.31 Thermal Discharging	
RPO312	112	'2390467_/2390464'	3.33	3.33	3.33	0.77	0.7	3.33	3.33 No	0.7 Element Fault	
RPO312	113	'7182724_/7182767'	10	10	10	2.31	10	10	10 No	2.31 Thermal Discharging	
RPO312	114	'86503552_/86503563_2'	3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77 Thermal Discharging	
RPO312	115	'68757741_/50284981'	10	10	10	2.31	10	10	10 No	2.31 Thermal Discharging	
RPO312	116	'2390580_/2390577'	3.33	3.33	3.33	0.77	0.5	3.33	3.33 No	0.5 Element Fault	
RPO312	117	'7506991_/9409314_1'	3.33	3.33	3.33	0.77	3.33	3.33	3.33 No	0.77 Thermal Discharging	
RPO312	118	'44075394_/44075396'	10	10	10	2.31	10	10	10 No	2.31 Thermal Discharging	
RPO312	119	'68757753_/7182721_2'	10	10	10	2.31	10	10	10 No	2.31 Thermal Discharging	
RPO312	120	'7182707_/7182721_1'	10	10	10	2.31	10	10	10 No	2.31 Thermal Discharging	
RPO312	121	'2407442_/2407439'	10	10	10	2.31	10	10	10 No	2.31 Thermal Discharging	
RPO312	122	'8448169_/9715072_1'	10	10	10	2.31	5.8	10	10 No	2.31 Thermal Discharging	
RPO312	123	'8445249_/51464621_1'	3.33	3.33	3.33	0.77	3.33	3.33	3.33 No	0.77 Thermal Discharging	
RPO312	124	'2407464_/2417535'	10	10	10	2.31	10	10	10 No	2.31 Thermal Discharging	
RPO312	125	'49458692_/7182704'	10	10	10	2.31	10	10	10 No	2.31 Thermal Discharging	
RPO312	126	'64372633_/64372640'	3.33	3.33	3.33	0.77	1.9	3.33	3.33 No	0.77 Thermal Discharging	
RPO312	127	'2411312_/2417515'	10	10	10	2.31	10	10	10 No	2.31 Thermal Discharging	
RPO312	128	'517389897_/517389894'	10	10	10	2.31	10	10	10 No	2.31 Thermal Discharging	
RPO312	129	'2411379_/2417555'	10	10	10	2.31	10	10	10 No	2.31 Thermal Discharging	
RPO312	130	'639065228_/517389912_1'	10	10	10	2.31	5.7	10	10 No	2.31 Thermal Discharging	
RPO312	131	'44065915_/44065917'	10	10	10	2.31	10	10	10 No	2.31 Thermal Discharging	
RPO312	132	'517389915_/517389912_2'	10	10	10	2.31	5.7	10	10 No	2.31 Thermal Discharging	
RPO312	133	'2411380_/2411377'	10	10	10	2.31	10	10	10 No	2.31 Thermal Discharging	
RPO312	134	'43144218_/43141279'	10	10	10	2.31	10	10	10 No	2.31 Thermal Discharging	
RPO312	135	'51204436_/51204443_2'	3.33	3.33	3.33	0.77	1.9	3.33	3.33 No	0.77 Thermal Discharging	
RPO312	136	'4445408_/4445418'	10	10	10	2.31	10	10	10 No	2.31 Thermal Discharging	
RPO312	137	'517389931_/517389928'	10	10	10	2.31	5.7	10	10 No	2.31 Thermal Discharging	
RPO312	138	'86503593_/86503604'	3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77 Thermal Discharging	
RPO312	139	'66210606_/66209816_1'	3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77 Thermal Discharging	
RPO312	140	'2411400_/2411397'	10	10	10	2.31	10	10	10 No	2.31 Thermal Discharging	
RPO312	141	'70147451_/70147462_2'	3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77 Thermal Discharging	
RPO312	142	'2413559_/2413576'	10	10	10	2.31	10	10	10 No	2.31 Thermal Discharging	
RPO312	143	'4445395_/4445405'	10	10	10	2.31	10	10	10 No	2.31 Thermal Discharging	
RPO312	144	'384908982_/384909048'	3.33	3.33	3.33	0.77	2	3.33	3.33 No	0.77 Thermal Discharging	
RPO312	145	'64372657_/64372664'	3.33	3.33	3.33	0.77	1.9	3.33	3.33 No	0.77 Thermal Discharging	
RPO312	146	'2390483_/2390480'	3.33	3.33	3.33	0.77	0.7	3.33	3.33 No	0.7 Element Fault	
RPO312	147	'53649311_/53649294_2'	3.33	3.33	3.33	0.77	3.33	3.33	3.33 No	0.77 Thermal Discharging	
RPO312	148	'53649407_/53649380_1'	3.33	3.33	3.33	0.77	1.3	3.33	3.33 No	0.77 Thermal Discharging	
RPO312	149	'517389955_/517389952'	10	10	10	2.31	5.7	10	10 No	2.31 Thermal Discharging	
RPO312	150	'2412671_/2412668'	10	10	10	2.31	10	10	10 No	2.31 Thermal Discharging	
RPO312	151	'409374332_/409374406'	3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77 Thermal Discharging	
RPO312	152	'2413542_/2413556'	10	10	10	2.31	10	10	10 No	2.31 Thermal Discharging	
RPO312	153	'86503908_/86503954'	3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77 Thermal Discharging	
RPO312	154	'8765310_/4445392'	10	10	10	2.31	10	10	10 No	2.31 Thermal Discharging	
RPO312	155	'9525949_/9525946_2'	3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77 Thermal Discharging	
RPO312	156	'517389971_/517389968'	10	10	10	2.31	5.7	10	10 No	2.31 Thermal Discharging	
RPO312	157	'2412691_/2412688'	10	10	10	2.31	10	10	10 No	2.31 Thermal Discharging	
RPO312	158	'8447046_/8447044_2'	10	10	10	2.31	10	10	10 No	2.31 Thermal Discharging	
RPO312	159	'50318229_/8447044_1'	10	10	10	2.31	6.2	10	10 No	2.31 Thermal Discharging	
RPO312	160	'87585643_/87585689'	3.33	3.33	3.33	0.77	2	3.33	3.33 No	0.77 Thermal Discharging	
RPO312	161	'2413522_/2413539'	10	10	10	2.31	10	10	10 No	2.31 Thermal Discharging	
RPO312	162	'517389987_/517389984'	10	10	10	2.31	5.7	10	10 No	2.31 Thermal Discharging	
RPO312	163	'2412708_/2412705'	10	10	10	2.31	10	10	10 No	2.31 Thermal Discharging	
RPO312	164	'2390593_/2390590'	3.33	3.33	3.33	0.77	0.5	3.33	3.33 No	0.5 Element Fault	
RPO312	165	'44065874_/44065876'	10	10	10	2.31	10	10	10 No	2.31 Thermal Discharging	
RPO312	166	'7537143_/7537140_2'	3.33	3.33	3.33	0.77	3.33	3.33	3.33 No	0.77 Thermal Discharging	
RPO312	167	'517390003_/517390000'	10	10	10	2.31	5.7	10	10 No	2.31 Thermal Discharging	
RPO312	168	'7817708_/54976316_2'	3.33	3.33	3.33	0.77	3.33	3.33	3.33 No	0.77 Thermal Discharging	
RPO312	169	'43143053_/2412722'	10	10	10	2.31	10	10	10 No	2.31 Thermal Discharging	
RPO312	170	'527809701_/520631682_1'	3.33	3.33	3.33	0.77	0.7	3.33	3.33 No	0.7 Element Fault	
RPO312	171	'43144205_/43144207'	10	10	10	2.31	10	10	10 No	2.31 Thermal Discharging	
RPO312	172	'2412742_/43143055'	10	10	10	2.31	10	10	10 No	2.31 Thermal Discharging	
RPO312	173	'4445363_/4445376'	10	10	10	2.31	10	10	10 No	2.31 Thermal Discharging	
RPO312	174	'66210991_/66209816_2'	3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77 Thermal Discharging	
RPO312	175	'517390031_/517390028'	10	10	10	2.31	5.7	10	10 No	2.31 Thermal Discharging	
RPO312	176	'64372681_/64372688'	3.33	3.33	3.33	0.77	1.9	3.33	3.33 No	0.77 Thermal Discharging	

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RPO312	177	'2390553_/_43144194'		10	10	10	2.31	10	10	10 No	2.31 Thermal Discharging
RPO312	178	'2438537_/_2438534'		10	10	10	2.31	10	10	10 No	2.31 Thermal Discharging
RPO312	179	'86503873_/_86503919'	3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77 Thermal Discharging	
RPO312	180	'2390554_/_2433255_1'	3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77 Thermal Discharging	
RPO312	181	'50318288_/_50318295'		10	10	10	2.31	6.2	10	10 No	2.31 Thermal Discharging
RPO312	182	'44065863_/_44065865'		10	10	10	2.31	10	10	10 No	2.31 Thermal Discharging
RPO312	183	'517390047_/_517390044'		10	10	10	2.31	5.7	10	10 No	2.31 Thermal Discharging
RPO312	184	'54555639_/_54555646'	3.33	3.33	3.33	0.77	1.3	3.33	3.33 No	0.77 Thermal Discharging	
RPO312	185	'2413471_/_2413485'		10	10	10	2.31	10	10	10 No	2.31 Thermal Discharging
RPO312	186	'2390538_/_2390535'	3.33	3.33	3.33	0.77	0.7	3.33	3.33 No	0.7 Element Fault	
RPO312	187	'53649347_/_53649380_2'	3.33	3.33	3.33	0.77	1.3	3.33	3.33 No	0.77 Thermal Discharging	
RPO312	188	'53649238_/_53649294_1'	3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77 Thermal Discharging	
RPO312	189	'54216149_/_54216128_1'	3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77 Thermal Discharging	
RPO312	190	'359175406_/_359175408'		10	10	10	2.31	10	10	10 No	2.31 Thermal Discharging
RPO312	191	'2384944_/_2438568'		10	10	10	2.31	10	10	10 No	2.31 Thermal Discharging
RPO312	192	'517390063_/_517390060'		10	10	10	2.31	5.7	10	10 No	2.31 Thermal Discharging
RPO312	193	'2384945_/_2384958_1'	3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77 Thermal Discharging	
RPO312	194	'359175355_/_359175357'		10	10	10	2.31	10	10	10 No	2.31 Thermal Discharging
RPO312	195	'43144179_/_43144181'		10	10	10	2.31	10	10	10 No	2.31 Thermal Discharging
RPO312	196	'631388614_/_43144168'		10	10	10	2.31	10	10	10 No	2.31 Thermal Discharging
RPO312	197	'2413437_/_2413434_2'		10	10	10	2.31	10	10	10 No	2.31 Thermal Discharging
RPO312	198	'4445337_/_4445360'		10	10	10	2.31	10	10	10 No	2.31 Thermal Discharging
RPO312	199	'2387964_/_2412756'		10	10	10	2.31	10	10	10 No	2.31 Thermal Discharging
RPO312	200	'66210785_/_54976316_1'	3.33	3.33	3.33	0.77	1.3	3.33	3.33 No	0.77 Thermal Discharging	
RPO312	201	'86503628_/_86503639'	3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77 Thermal Discharging	
RPO312	202	'517390079_/_517390076'		10	10	10	2.31	5.7	10	10 No	2.31 Thermal Discharging
RPO312	203	'409374278_/_409374351'	3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77 Thermal Discharging	
RPO312	204	'53563567_/_53563498_1'	3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77 Thermal Discharging	
RPO312	205	'2390496_/_2390493'	3.33	3.33	3.33	0.77	0.7	3.33	3.33 No	0.7 Element Fault	
RPO312	206	'43516207_/_43516209'		10	10	10	2.31	10	10	10 No	2.31 Thermal Discharging
RPO312	207	'2387965_/_2438713_1'	3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77 Thermal Discharging	
RPO312	208	'2412779_/_2412776'		10	10	10	2.31	10	10	10 No	2.31 Thermal Discharging
RPO312	209	'51464619_/_51464621_2'	3.33	3.33	3.33	0.77	3.33	3.33	3.33 No	0.77 Thermal Discharging	
RPO312	210	'50318258_/_50318316'		10	10	10	2.31	6.2	10	10 No	2.31 Thermal Discharging
RPO312	211	'8143854_/_53649240'	3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77 Thermal Discharging	
RPO312	212	'2433244_/_2433255_2'	3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77 Thermal Discharging	
RPO312	213	'517390095_/_517390092'		10	10	10	2.31	5.7	10	10 No	2.31 Thermal Discharging
RPO312	214	'2439799_/_2439796'	3.33	3.33	3.33	0.77	0.7	3.33	3.33 No	0.7 Element Fault	
RPO312	215	'8171857_/_8171855_1'	3.33	3.33	3.33	0.77	0.7	3.33	3.33 No	0.7 Element Fault	
RPO312	216	'86503663_/_86503674'	3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77 Thermal Discharging	
RPO312	217	'2384973_/_2412844'		10	10	10	2.31	10	10	10 No	2.31 Thermal Discharging
RPO312	218	'90425270_/_50318260'		10	10	10	2.31	6.2	10	10 No	2.31 Thermal Discharging
RPO312	219	'7537142_/_7537140_1'	3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77 Thermal Discharging	
RPO312	220	'517390111_/_517390108'		10	10	10	2.31	5.7	10	10 No	2.31 Thermal Discharging
RPO312	221	'51464680_/_51464706'	3.33	3.33	3.33	0.77	3.33	3.33	3.33 No	0.77 Thermal Discharging	
RPO312	222	'90425317_/_90425403'		10	10	10	2.31	6.2	10	10 No	2.31 Thermal Discharging
RPO312	223	'66210765_/_66210819'	3.33	3.33	3.33	0.77	1.3	3.33	3.33 No	0.77 Thermal Discharging	
RPO312	224	'2412796_/_2412793'		10	10	10	2.31	10	10	10 No	2.31 Thermal Discharging
RPO312	225	'517390127_/_517390124'		10	10	10	2.31	5.7	10	10 No	2.31 Thermal Discharging
RPO312	226	'51464592_/_51464687'	3.33	3.33	3.33	0.77	3.33	3.33	3.33 No	0.77 Thermal Discharging	
RPO312	227	'70147485_/_70147496'	3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77 Thermal Discharging	
RPO312	228	'40984103_/_9409314_2'	3.33	3.33	3.33	0.77	3.33	3.33	3.33 No	0.77 Thermal Discharging	
RPO312	229	'2412813_/_2412810'		10	10	10	2.31	10	10	10 No	2.31 Thermal Discharging
RPO312	230	'345377964_/_43141415_3'	3.33	3.33	3.33	0.77	2.8	3.33	3.33 No	0.77 Thermal Discharging	
RPO312	231	'2433245_/_2433242'	3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77 Thermal Discharging	
RPO312	232	'517390143_/_517390140'		10	10	10	2.31	5.7	10	10 No	2.31 Thermal Discharging
RPO312	233	'2411419_/_2412861'		10	10	10	2.31	10	10	10 No	2.31 Thermal Discharging
RPO312	234	'345377922_/_43141415_2'	3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77 Thermal Discharging	
RPO312	235	'53563491_/_53563498_2'	3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77 Thermal Discharging	
RPO312	236	'517390159_/_517390156'		10	10	10	2.31	5.7	10	10 No	2.31 Thermal Discharging
RPO312	237	'51204467_/_51204474'	3.33	3.33	3.33	0.77	1.9	3.33	3.33 No	0.77 Thermal Discharging	
RPO312	238	'514395841_/_520631682_2'	3.33	3.33	3.33	0.77	0.7	3.33	3.33 No	0.7 Element Fault	
RPO312	239	'8170672_/_9428190_2'	3.33	3.33	3.33	0.77	3.33	3.33	3.33 No	0.77 Thermal Discharging	
RPO312	240	'66210726_/_66210772'	3.33	3.33	3.33	0.77	1.3	3.33	3.33 No	0.77 Thermal Discharging	
RPO312	241	'86503698_/_86503709'	3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77 Thermal Discharging	
RPO312	242	'515617303_/_517390180'		10	10	10	2.31	5.7	10	10 No	2.31 Thermal Discharging
RPO312	243	'2438716_/_2438713_2'	3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77 Thermal Discharging	
RPO312	244	'54216121_/_54216128_2'	3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77 Thermal Discharging	
RPO312	245	'2411362_/_2411417'		10	10	10	2.31	10	10	10 No	2.31 Thermal Discharging
RPO312	246	'424335295_/_44065854'		10	10	10	2.31	7.9	10	10 No	2.31 Thermal Discharging
RPO312	247	'517390197_/_517390194'		10	10	10	2.31	5.7	10	10 No	2.31 Thermal Discharging
RPO312	248	'527809087_/_527809072_1'	3.33	3.33	3.33	0.77	0.7	3.33	3.33 No	0.7 Element Fault	
RPO312	249	'86503838_/_86503884'	3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77 Thermal Discharging	
RPO312	250	'43141389_/_2411360'		10	10	10	2.31	10	10	10 No	2.31 Thermal Discharging
RPO312	251	'8171858_/_8171855_2'	3.33	3.33	3.33	0.77	0.7	3.33	3.33 No	0.7 Element Fault	
RPO312	252	'40373070_/_44099860'	3.33	3.33	3.33	0.77	3.33	3.33	3.33 No	0.77 Thermal Discharging	
RPO312	253	'517390235_/_517390232'		10	10	10	2.31	5.7	10	10 No	2.31 Thermal Discharging
RPO312	254	'2384974_/_2384971'	3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77 Thermal Discharging	
RPO312	255	'517390251_/_517390248'		10	10	10	2.31	5.7	10	10 No	2.31 Thermal Discharging
RPO312	256	'2411328_/_43141391'		10	10	10	2.31	10	10	10 No	2.31 Thermal Discharging
RPO312	257	'64372705_/_64372712'	3.33	3.33	3.33	0.77	1.9	3.33	3.33 No	0.77 Thermal Discharging	
RPO312	258	'2391735_/_43144233'	3.33	3.33	3.33	0.77	1.9	3.33	3.33 No	0.77 Thermal Discharging	
RPO312	259	'107934400_/_107934405_2'	3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77 Thermal Discharging	
RPO312	260	'517390267_/_517390264'		10	10	10	2.31	5.7	10	10 No	2.31 Thermal Discharging
RPO312	261	'40978407_/_44105354'	3.33	3.33	3.33	0.77	1.3	3.33	3.33 No	0.77 Thermal Discharging	
RPO312	262	'2411329_/_2411326'		10	10	10	2.31	10	10	10 No	2.31 Thermal Discharging
RPO312	263	'107934441_/_107934471'	3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77 Thermal Discharging	
RPO312	264	'66209861_/_66209868'	3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77 Thermal Discharging	
RPO312	265	'2391619_/_43141415_1'	3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77 Thermal Discharging	
RPO312	266	'517390283_/_517390280'		10	10	10	2.31	5.7	10	10 No	2.31 Thermal Discharging
RPO312	267	'107934366_/_107934452'	3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77 Thermal Discharging	
RPO312	268	'2380063_/_2413739'		10	10	10	2.31	10	10	10 No	2.31 Thermal Discharging
RPO312	269	'68743320_/_68743338_2'	3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77 Thermal Discharging	
RPO312	270	'54555670_/_54555677'	3.33	3.33	3.33	0.77	1.3	3.33	3.33 No	0.77 Thermal Discharging	

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Over-Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RPO312	271	'231197078_/88630909_2'		10	10	10	2.31	10	10	10 No	2.31 Thermal Discharging
RPO312	272	'2387225_/88630869'		10	10	10	2.31	10	10	10 No	2.31 Thermal Discharging
RPO312	273	'357341680_/88629343_2'		10	10	10	2.31	10	10	10 No	2.31 Thermal Discharging
RPO312	274	'515617590_/517390300'		10	10	10	2.31	5.7	10	10 No	2.31 Thermal Discharging
RPO312	275	'527809992_/517389427_1'		3.33	3.33	3.33	0.77	0.7	3.33	3.33 No	0.7 Element Fault
RPO312	276	'527809973_/517389474_2'		3.33	3.33	3.33	0.77	1.9	3.33	3.33 No	0.77 Thermal Discharging
RPO312	277	'9428192_/9428190_1'		3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77 Thermal Discharging
RPO312	278	'2411437_/88629447'		10	10	10	2.31	10	10	10 No	2.31 Thermal Discharging
RPO312	279	'517390325_/517390322'		10	10	10	2.31	5.7	10	10 No	2.31 Thermal Discharging
RPO312	280	'88629247_/88629343_1'		10	10	10	2.31	5.7	10	10 No	2.31 Thermal Discharging
RPO312	281	'40678994_/8137649'		3.33	3.33	3.33	0.77	1.3	3.33	3.33 No	0.77 Thermal Discharging
RPO312	282	'2411454_/2411451'		10	10	10	2.31	10	10	10 No	2.31 Thermal Discharging
RPO312	283	'517390341_/517390338'		10	10	10	2.31	5.7	10	10 No	2.31 Thermal Discharging
RPO312	284	'409374239_/409374297'		3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77 Thermal Discharging
RPO312	285	'54216174_/54216181'		3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77 Thermal Discharging
RPO312	286	'88629201_/88629245'		10	10	10	2.31	5.7	10	10 No	2.31 Thermal Discharging
RPO312	287	'2384987_/2384984'		3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77 Thermal Discharging
RPO312	288	'2385068_/527809072_2'		3.33	3.33	3.33	0.77	0.7	3.33	3.33 No	0.7 Element Fault
RPO312	289	'108041057_/43143079_1'		3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77 Thermal Discharging
RPO312	290	'36453494_/44106499'		3.33	3.33	3.33	0.77	3.33	3.33	3.33 No	0.77 Thermal Discharging
RPO312	291	'53563580_/53563587'		3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77 Thermal Discharging
RPO312	292	'43141589_/2411468'		10	10	10	2.31	10	10	10 No	2.31 Thermal Discharging
RPO312	293	'517390355_/517390352'		10	10	10	2.31	5.7	10	10 No	2.31 Thermal Discharging
RPO312	294	'7221353_/8170845_1'		3.33	3.33	3.33	0.77	0.7	3.33	3.33 No	0.7 Element Fault
RPO312	295	'384908928_/384909001'		3.33	3.33	3.33	0.77	2	3.33	3.33 No	0.77 Thermal Discharging
RPO312	296	'88629155_/88629199'		10	10	10	2.31	5.7	10	10 No	2.31 Thermal Discharging
RPO312	297	'2411488_/43141591'		10	10	10	2.31	10	10	10 No	2.31 Thermal Discharging
RPO312	298	'517390371_/517390368'		10	10	10	2.31	5.7	10	10 No	2.31 Thermal Discharging
RPO312	299	'514395853_/520631691'		3.33	3.33	3.33	0.77	0.7	3.33	3.33 No	0.7 Element Fault
RPO312	300	'88629109_/88629153'		10	10	10	2.31	5.7	10	10 No	2.31 Thermal Discharging
RPO312	301	'86503733_/86503744'		3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77 Thermal Discharging
RPO312	302	'38013896_/9715072_2'		10	10	10	2.31	5.8	10	10 No	2.31 Thermal Discharging
RPO312	303	'38013888_/38013893'		10	10	10	2.31	5.8	10	10 No	2.31 Thermal Discharging
RPO312	304	'38013924_/38013921'		10	10	10	2.31	5.8	10	10 No	2.31 Thermal Discharging
RPO312	305	'38013889_/38013886'		10	10	10	2.31	5.8	10	10 No	2.31 Thermal Discharging
RPO312	306	'38013910_/38013907'		3.33	3.33	3.33	0.77	1.93	3.33	3.33 No	0.77 Thermal Discharging
RPO312	307	'2380513_/2411502'		10	10	10	2.31	10	10	10 No	2.31 Thermal Discharging
RPO312	308	'54046767_/44086128'		3.33	3.33	3.33	0.77	3.33	3.33	3.33 No	0.77 Thermal Discharging
RPO312	309	'2405086_/43143079_2'		3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77 Thermal Discharging
RPO312	310	'517390387_/517390384'		10	10	10	2.31	5.7	10	10 No	2.31 Thermal Discharging
RPO312	311	'2380514_/2391678_1'		3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77 Thermal Discharging
RPO312	312	'64372956_/64372991'		3.33	3.33	3.33	0.77	1.9	3.33	3.33 No	0.77 Thermal Discharging
RPO312	313	'88629063_/88629107'		10	10	10	2.31	5.7	10	10 No	2.31 Thermal Discharging
RPO312	314	'2411525_/2411522'		10	10	10	2.31	10	10	10 No	2.31 Thermal Discharging
RPO312	315	'40681638_/50343272'		3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77 Thermal Discharging
RPO312	316	'517390403_/517390400'		10	10	10	2.31	5.7	10	10 No	2.31 Thermal Discharging
RPO312	317	'34592165_/44082847'		3.33	3.33	3.33	0.77	3.33	3.33	3.33 No	0.77 Thermal Discharging
RPO312	318	'88629017_/88629061'		10	10	10	2.31	5.7	10	10 No	2.31 Thermal Discharging
RPO312	319	'2387819_/2413719'		10	10	10	2.31	10	10	10 No	2.31 Thermal Discharging
RPO312	320	'565654730_/565654697_1'		3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77 Thermal Discharging
RPO312	321	'639065270_/520630537_1'		3.33	3.33	3.33	0.77	0.7	3.33	3.33 No	0.7 Element Fault
RPO312	322	'409374202_/409374258'		3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77 Thermal Discharging
RPO312	323	'2385084_/2385081'		3.33	3.33	3.33	0.77	0.7	3.33	3.33 No	0.7 Element Fault
RPO312	324	'2387818_/43141604_1'		3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77 Thermal Discharging
RPO312	325	'517390419_/517390416'		10	10	10	2.31	5.7	10	10 No	2.31 Thermal Discharging
RPO312	326	'517390435_/517390442'		10	10	10	2.31	5.7	10	10 No	2.31 Thermal Discharging
RPO312	327	'520630554_/517390460'		10	10	10	2.31	5.7	10	10 No	2.31 Thermal Discharging
RPO312	328	'88628971_/88629015'		10	10	10	2.31	5.7	10	10 No	2.31 Thermal Discharging
RPO312	329	'2387832_/2412583'		10	10	10	2.31	10	10	10 No	2.31 Thermal Discharging
RPO312	330	'2387805_/2391678_2'		3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77 Thermal Discharging
RPO312	331	'520630332_/517389488_1'		3.33	3.33	3.33	0.77	0.7	3.33	3.33 No	0.7 Element Fault
RPO312	332	'2387831_/2391649_2'		3.33	3.33	3.33	0.77	3.33	3.33	3.33 No	0.77 Thermal Discharging
RPO312	333	'119098503_/43141604_2'		3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77 Thermal Discharging
RPO312	334	'520630556_/517390476'		10	10	10	2.31	5.7	10	10 No	2.31 Thermal Discharging
RPO312	335	'8170832_/8480495_1'		3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77 Thermal Discharging
RPO312	336	'2387848_/2412600'		10	10	10	2.31	10	10	10 No	2.31 Thermal Discharging
RPO312	337	'2384961_/2384958_2'		3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77 Thermal Discharging
RPO312	338	'88628925_/88628969'		10	10	10	2.31	5.7	10	10 No	2.31 Thermal Discharging
RPO312	339	'2387847_/2391633_2'		3.33	3.33	3.33	0.77	3.33	3.33	3.33 No	0.77 Thermal Discharging
RPO312	340	'565654700_/565654697_2'		3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77 Thermal Discharging
RPO312	341	'2412620_/2412617'		10	10	10	2.31	10	10	10 No	2.31 Thermal Discharging
RPO312	342	'51204498_/51204505'		3.33	3.33	3.33	0.77	1.9	3.33	3.33 No	0.77 Thermal Discharging
RPO312	343	'520630558_/517390492'		10	10	10	2.31	5.7	10	10 No	2.31 Thermal Discharging
RPO312	344	'565654794_/565654760_1'		3.33	3.33	3.33	0.77	0.7	3.33	3.33 No	0.7 Element Fault
RPO312	345	'520630540_/520630537_2'		3.33	3.33	3.33	0.77	0.7	3.33	3.33 No	0.7 Element Fault
RPO312	346	'88628898_/88628923'		10	10	10	2.31	5.7	10	10 No	2.31 Thermal Discharging
RPO312	347	'2412637_/2412634'		10	10	10	2.31	10	10	10 No	2.31 Thermal Discharging
RPO312	348	'2380530_/2391649_1'		3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77 Thermal Discharging
RPO312	349	'86503803_/86503849'		3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77 Thermal Discharging
RPO312	350	'2385096_/517389427_2'		3.33	3.33	3.33	0.77	0.7	3.33	3.33 No	0.7 Element Fault
RPO312	351	'520630592_/517390516'		10	10	10	2.31	5.7	10	10 No	2.31 Thermal Discharging
RPO312	352	'88628852_/88628896'		10	10	10	2.31	5.7	10	10 No	2.31 Thermal Discharging
RPO312	353	'43142977_/2412651'		10	10	10	2.31	10	10	10 No	2.31 Thermal Discharging
RPO312	354	'108041005_/43143090_1'		3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77 Thermal Discharging
RPO312	355	'39683649_/44095429'		3.33	3.33	3.33	0.77	1.3	3.33	3.33 No	0.77 Thermal Discharging
RPO312	356	'68743365_/68743376'		3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77 Thermal Discharging
RPO312	357	'88628806_/88628850'		10	10	10	2.31	5.7	10	10 No	2.31 Thermal Discharging
RPO312	358	'2380543_/2391633_1'		3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77 Thermal Discharging
RPO312	359	'520630612_/517390536'		10	10	10	2.31	5.7	10	10 No	2.31 Thermal Discharging
RPO312	360	'390644166_/409374208'		3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77 Thermal Discharging
RPO312	361	'2387601_/43142979'		10	10	10	2.31	10	10	10 No	2.31 Thermal Discharging
RPO312	362	'2391664_/43141604_3'		3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77 Thermal Discharging
RPO312	363	'66209885_/66209892'		3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77 Thermal Discharging
RPO312	364	'88628760_/88628804'		10	10	10	2.31	5.7	10	10 No	2.31 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RPO312	365	'410672803_/402138097_1'	3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77	Thermal Discharging
RPO312	366	'70147516_/70147527'	3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77	Thermal Discharging
RPO312	367	'108040578_/7848978_1'	3.33	3.33	3.33	0.77	0.4	3.33	3.33 No	0.4	Element Fault
RPO312	368	'520630614_/517390552'	10	10	10	2.31	5.7	10	10 No	2.31	Thermal Discharging
RPO312	369	'43142990_/2387599'	10	10	10	2.31	10	10	10 No	2.31	Thermal Discharging
RPO312	370	'565654744_/565654760_2'	3.33	3.33	3.33	0.77	0.7	3.33	3.33 No	0.7	Element Fault
RPO312	371	'51204963_/51205189'	3.33	3.33	3.33	0.77	1.9	3.33	3.33 No	0.77	Thermal Discharging
RPO312	372	'88628714_/88628758'	10	10	10	2.31	5.7	10	10 No	2.31	Thermal Discharging
RPO312	373	'2380529_/43141615'	3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77	Thermal Discharging
RPO312	374	'54555701_/54555708'	3.33	3.33	3.33	0.77	1.3	3.33	3.33 No	0.77	Thermal Discharging
RPO312	375	'43143165_/517389488_2'	3.33	3.33	3.33	0.77	0.7	3.33	3.33 No	0.7	Element Fault
RPO312	376	'2387806_/2387803'	3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77	Thermal Discharging
RPO312	377	'119098446_/119098443'	3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77	Thermal Discharging
RPO312	378	'54216205_/54216212'	3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77	Thermal Discharging
RPO312	379	'520630616_/517390568'	10	10	10	2.31	5.7	10	10 No	2.31	Thermal Discharging
RPO312	380	'2387619_/2387616'	10	10	10	2.31	10	10	10 No	2.31	Thermal Discharging
RPO312	381	'384908874_/384908947'	3.33	3.33	3.33	0.77	2	3.33	3.33 No	0.77	Thermal Discharging
RPO312	382	'88628687_/88628712'	10	10	10	2.31	5.7	10	10 No	2.31	Thermal Discharging
RPO312	383	'2387636_/2387633'	10	10	10	2.31	10	10	10 No	2.31	Thermal Discharging
RPO312	384	'87585608_/87585654'	3.33	3.33	3.33	0.77	2	3.33	3.33 No	0.77	Thermal Discharging
RPO312	385	'520630642_/517390584'	10	10	10	2.31	5.7	10	10 No	2.31	Thermal Discharging
RPO312	386	'88628641_/88628685'	10	10	10	2.31	5.7	10	10 No	2.31	Thermal Discharging
RPO312	387	'2380542_/43141626'	3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77	Thermal Discharging
RPO312	388	'40678277_/44103227'	3.33	3.33	3.33	0.77	3.33	3.33	3.33 No	0.77	Thermal Discharging
RPO312	389	'2387653_/2387650'	10	10	10	2.31	10	10	10 No	2.31	Thermal Discharging
RPO312	390	'88628595_/88628639'	10	10	10	2.31	5.7	10	10 No	2.31	Thermal Discharging
RPO312	391	'520630644_/517390600'	10	10	10	2.31	5.7	10	10 No	2.31	Thermal Discharging
RPO312	392	'43143003_/2387667'	10	10	10	2.31	10	10	10 No	2.31	Thermal Discharging
RPO312	393	'108041321_/88628593'	10	10	10	2.31	5.7	10	10 No	2.31	Thermal Discharging
RPO312	394	'2385682_/517389516'	3.33	3.33	3.33	0.77	1.9	3.33	3.33 No	0.77	Thermal Discharging
RPO312	395	'520630646_/517390614'	10	10	10	2.31	5.7	10	10 No	2.31	Thermal Discharging
RPO312	396	'2387687_/43143005'	10	10	10	2.31	10	10	10 No	2.31	Thermal Discharging
RPO312	397	'88628523_/88628547'	10	10	10	2.31	5.7	10	10 No	2.31	Thermal Discharging
RPO312	398	'520630648_/517390638'	10	10	10	2.31	5.7	10	10 No	2.31	Thermal Discharging
RPO312	399	'520630681_/517390652'	10	10	10	2.31	5.7	10	10 No	2.31	Thermal Discharging
RPO312	400	'2387704_/2387701'	10	10	10	2.31	10	10	10 No	2.31	Thermal Discharging
RPO312	401	'8170848_/8170845_2'	3.33	3.33	3.33	0.77	0.7	3.33	3.33 No	0.7	Element Fault
RPO312	402	'2391719_/43143090_2'	3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77	Thermal Discharging
RPO312	403	'88628517_/88628520'	10	10	10	2.31	5.7	10	10 No	2.31	Thermal Discharging
RPO312	404	'43143016_/2387718'	10	10	10	2.31	10	10	10 No	2.31	Thermal Discharging
RPO312	405	'520630688_/517390668'	10	10	10	2.31	5.7	10	10 No	2.31	Thermal Discharging
RPO312	406	'7537190_/517389474_1'	3.33	3.33	3.33	0.77	0.7	3.33	3.33 No	0.7	Element Fault
RPO312	407	'2387738_/43143018'	10	10	10	2.31	10	10	10 No	2.31	Thermal Discharging
RPO312	408	'520630690_/517390682'	10	10	10	2.31	5.7	10	10 No	2.31	Thermal Discharging
RPO312	409	'88628486_/88628489'	10	10	10	2.31	5.7	10	10 No	2.31	Thermal Discharging
RPO312	410	'2387755_/2387752'	10	10	10	2.31	10	10	10 No	2.31	Thermal Discharging
RPO312	411	'520630712_/517390698'	10	10	10	2.31	5.7	10	10 No	2.31	Thermal Discharging
RPO312	412	'390644112_/390644185'	3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77	Thermal Discharging
RPO312	413	'66209909_/66209916'	3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77	Thermal Discharging
RPO312	414	'86503768_/86503814'	3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77	Thermal Discharging
RPO312	415	'88628455_/88628458'	10	10	10	2.31	5.7	10	10 No	2.31	Thermal Discharging
RPO312	416	'54148226_/54148233'	3.33	3.33	3.33	0.77	1.93	3.33	3.33 No	0.77	Thermal Discharging
RPO312	417	'2387772_/2387769'	10	10	10	2.31	10	10	10 No	2.31	Thermal Discharging
RPO312	418	'66211267_/544432825'	3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77	Thermal Discharging
RPO312	419	'43150504_/517389556'	3.33	3.33	3.33	0.77	1.9	3.33	3.33 No	0.77	Thermal Discharging
RPO312	420	'86504441_/544432934'	3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77	Thermal Discharging
RPO312	421	'520630720_/517390722'	10	10	10	2.31	5.7	10	10 No	2.31	Thermal Discharging
RPO312	422	'520630748_/517390736'	10	10	10	2.31	5.7	10	10 No	2.31	Thermal Discharging
RPO312	423	'520630783_/517390752'	10	10	10	2.31	5.7	10	10 No	2.31	Thermal Discharging
RPO312	424	'51204529_/51204536'	3.33	3.33	3.33	0.77	1.9	3.33	3.33 No	0.77	Thermal Discharging
RPO312	425	'87585573_/87585619'	3.33	3.33	3.33	0.77	2	3.33	3.33 No	0.77	Thermal Discharging
RPO312	426	'88628424_/88628427'	10	10	10	2.31	5.7	10	10 No	2.31	Thermal Discharging
RPO312	427	'54087441_/8447008'	3.33	3.33	3.33	0.77	1.3	3.33	3.33 No	0.77	Thermal Discharging
RPO312	428	'520631958_/517389588_1'	3.33	3.33	3.33	0.77	0.7	3.33	3.33 No	0.7	Element Fault
RPO312	429	'40672720_/44101918'	3.33	3.33	3.33	0.77	1.3	3.33	3.33 No	0.77	Thermal Discharging
RPO312	430	'2385698_/2385695'	3.33	3.33	3.33	0.77	1.9	3.33	3.33 No	0.77	Thermal Discharging
RPO312	431	'520630793_/517390768'	10	10	10	2.31	5.7	10	10 No	2.31	Thermal Discharging
RPO312	432	'77507452_/77507463'	3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77	Thermal Discharging
RPO312	433	'2387427_/88628396'	10	10	10	2.31	5.7	10	10 No	2.31	Thermal Discharging
RPO312	434	'54216236_/54216243'	3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77	Thermal Discharging
RPO312	435	'520630801_/517390784'	10	10	10	2.31	5.7	10	10 No	2.31	Thermal Discharging
RPO312	436	'2388243_/85925608'	10	10	10	2.31	5.7	10	10 No	2.31	Thermal Discharging
RPO312	437	'85925488_/85925581'	10	10	10	2.31	5.7	10	10 No	2.31	Thermal Discharging
RPO312	438	'85925651_/2388241_1'	3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77	Thermal Discharging
RPO312	439	'520630803_/517390800'	10	10	10	2.31	5.7	10	10 No	2.31	Thermal Discharging
RPO312	440	'70147550_/70147547'	3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77	Thermal Discharging
RPO312	441	'483459191_/2387786'	10	10	10	2.31	10	10	10 No	2.31	Thermal Discharging
RPO312	442	'2440822_/43150506'	3.33	3.33	3.33	0.77	1.9	3.33	3.33 No	0.77	Thermal Discharging
RPO312	443	'85925482_/85925485'	10	10	10	2.31	5.7	10	10 No	2.31	Thermal Discharging
RPO312	444	'43143242_/517389588_2'	3.33	3.33	3.33	0.77	0.7	3.33	3.33 No	0.7	Element Fault
RPO312	445	'2387397_/483459195'	10	10	10	2.31	10	10	10 No	2.31	Thermal Discharging
RPO312	446	'88392438_/90186969'	10	10	10	2.31	5.8	10	10 No	2.31	Thermal Discharging
RPO312	447	'2385227_/43143167'	3.33	3.33	3.33	0.77	0.7	3.33	3.33 No	0.7	Element Fault
RPO312	448	'545737391_/8759120_1'	3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77	Thermal Discharging
RPO312	449	'77507109_/77507138_2'	3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77	Thermal Discharging
RPO312	450	'520630817_/517390816'	10	10	10	2.31	5.7	10	10 No	2.31	Thermal Discharging
RPO312	451	'2387398_/43143031'	10	10	10	2.31	10	10	10 No	2.31	Thermal Discharging
RPO312	452	'85925451_/85925454'	10	10	10	2.31	5.7	10	10 No	2.31	Thermal Discharging
RPO312	453	'437120367_/544424378_2'	3.33	3.33	3.33	0.77	3.33	3.33	3.33 No	0.77	Thermal Discharging
RPO312	454	'2385710_/2385708_1'	3.33	3.33	3.33	0.77	0.7	3.33	3.33 No	0.7	Element Fault
RPO312	455	'91773261_/85925765_1'	3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77	Thermal Discharging
RPO312	456	'8759122_/8759120_2'	3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77	Thermal Discharging
RPO312	457	'2384859_/2391581'	10	10	10	2.31	10	10	10 No	2.31	Thermal Discharging
RPO312	458	'54555784_/54555791'	3.33	3.33	3.33	0.77	1.3	3.33	3.33 No	0.77	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RPO312	459	'437120520___/544424415_1'	3.33	3.33	3.33	0.77	0.9	3.33	3.33 No	0.77	Thermal Discharging
RPO312	460	'2388244___/2388241_2'	3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77	Thermal Discharging
RPO312	461	'8137683___/9373270'	10	10	10	2.31	6.2	10	10 No	2.31	Thermal Discharging
RPO312	462	'520630819___/517390832'	10	10	10	2.31	5.7	10	10 No	2.31	Thermal Discharging
RPO312	463	'85925420___/85925423'	10	10	10	2.31	5.7	10	10 No	2.31	Thermal Discharging
RPO312	464	'437120360___/544424378_1'	3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77	Thermal Discharging
RPO312	465	'50264233___/50348501'	3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77	Thermal Discharging
RPO312	466	'2384860___/2384857'	10	10	10	2.31	10	10	10 No	2.31	Thermal Discharging
RPO312	467	'40683528___/44103949'	3.33	3.33	3.33	0.77	3.33	3.33	3.33 No	0.77	Thermal Discharging
RPO312	468	'96427516___/85925765_2'	3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77	Thermal Discharging
RPO312	469	'85925753___/85925728_1'	3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77	Thermal Discharging
RPO312	470	'437120512___/544424415_2'	3.33	3.33	3.33	0.77	0.9	3.33	3.33 No	0.77	Thermal Discharging
RPO312	471	'68743396___/68743407'	3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77	Thermal Discharging
RPO312	472	'520630833___/517390848'	10	10	10	2.31	5.7	10	10 No	2.31	Thermal Discharging
RPO312	473	'43142470___/2384874'	10	10	10	2.31	10	10	10 No	2.31	Thermal Discharging
RPO312	474	'54087617___/54087643'	3.33	3.33	3.33	0.77	1.3	3.33	3.33 No	0.77	Thermal Discharging
RPO312	475	'8480498___/8480495_2'	3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77	Thermal Discharging
RPO312	476	'85925389___/85925392'	10	10	10	2.31	5.7	10	10 No	2.31	Thermal Discharging
RPO312	477	'2388569___/85925728_2'	3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77	Thermal Discharging
RPO312	478	'390644058___/390644131'	3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77	Thermal Discharging
RPO312	479	'88392697___/88392702'	10	10	10	2.31	5.8	10	10 No	2.31	Thermal Discharging
RPO312	480	'85925716___/85925663_1'	3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77	Thermal Discharging
RPO312	481	'85925357___/85925361'	10	10	10	2.31	5.7	10	10 No	2.31	Thermal Discharging
RPO312	482	'2384894___/2384891'	10	10	10	2.31	10	10	10 No	2.31	Thermal Discharging
RPO312	483	'85925320___/85925324'	10	10	10	2.31	5.7	10	10 No	2.31	Thermal Discharging
RPO312	484	'520630839___/517390864'	10	10	10	2.31	5.7	10	10 No	2.31	Thermal Discharging
RPO312	485	'2388582___/85925663_2'	3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77	Thermal Discharging
RPO312	486	'54148269___/54148276'	3.33	3.33	3.33	0.77	1.93	3.33	3.33 No	0.77	Thermal Discharging
RPO312	487	'2387163___/2387160'	10	10	10	2.31	10	10	10 No	2.31	Thermal Discharging
RPO312	488	'85925284___/85925287'	10	10	10	2.31	5.7	10	10 No	2.31	Thermal Discharging
RPO312	489	'2400885___/2400883'	3.33	3.33	3.33	0.77	1.9	3.33	3.33 No	0.77	Thermal Discharging
RPO312	490	'7848981___/7848978_2'	3.33	3.33	3.33	0.77	0.4	3.33	3.33 No	0.4	Element Fault
RPO312	491	'2384910___/2387177'	10	10	10	2.31	10	10	10 No	2.31	Thermal Discharging
RPO312	492	'520630859___/517390878'	10	10	10	2.31	5.7	10	10 No	2.31	Thermal Discharging
RPO312	493	'53318619___/53318623'	3.33	3.33	3.33	0.77	3.33	3.33	3.33 No	0.77	Thermal Discharging
RPO312	494	'85925253___/85925256'	10	10	10	2.31	5.7	10	10 No	2.31	Thermal Discharging
RPO312	495	'2388257___/2388254'	3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77	Thermal Discharging
RPO312	496	'36454103___/8137681'	10	10	10	2.31	6.2	10	10 No	2.31	Thermal Discharging
RPO312	497	'2384911___/2384908'	10	10	10	2.31	10	10	10 No	2.31	Thermal Discharging
RPO312	498	'520630861___/517390894'	10	10	10	2.31	5.7	10	10 No	2.31	Thermal Discharging
RPO312	499	'51204932___/51204970'	3.33	3.33	3.33	0.77	1.9	3.33	3.33 No	0.77	Thermal Discharging
RPO312	500	'85925222___/85925225'	10	10	10	2.31	5.7	10	10 No	2.31	Thermal Discharging
RPO312	501	'2388608___/2388605'	3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77	Thermal Discharging
RPO312	502	'8759123___/8759120_3'	3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77	Thermal Discharging
RPO312	503	'2384928___/2384925'	10	10	10	2.31	10	10	10 No	2.31	Thermal Discharging
RPO312	504	'520630875___/517390910'	10	10	10	2.31	5.7	10	10 No	2.31	Thermal Discharging
RPO312	505	'85925191___/85925194'	10	10	10	2.31	5.7	10	10 No	2.31	Thermal Discharging
RPO312	506	'54555815___/54555822'	3.33	3.33	3.33	0.77	1.3	3.33	3.33 No	0.77	Thermal Discharging
RPO312	507	'384059128___/384908893'	3.33	3.33	3.33	0.77	2	3.33	3.33 No	0.77	Thermal Discharging
RPO312	508	'2385097___/2385094'	3.33	3.33	3.33	0.77	0.7	3.33	3.33 No	0.7	Element Fault
RPO312	509	'2385919___/2385916'	10	10	10	2.31	10	10	10 No	2.31	Thermal Discharging
RPO312	510	'410672696___/402138097_2'	3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77	Thermal Discharging
RPO312	511	'85925160___/85925163'	10	10	10	2.31	5.7	10	10 No	2.31	Thermal Discharging
RPO312	512	'520630877___/517390926'	10	10	10	2.31	5.7	10	10 No	2.31	Thermal Discharging
RPO312	513	'40681624___/52472796'	3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77	Thermal Discharging
RPO312	514	'86146237___/86146255'	3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77	Thermal Discharging
RPO312	515	'68743551___/68743582'	3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77	Thermal Discharging
RPO312	516	'54148300___/54148307'	3.33	3.33	3.33	0.77	1.93	3.33	3.33 No	0.77	Thermal Discharging
RPO312	517	'85925129___/85925132'	10	10	10	2.31	5.7	10	10 No	2.31	Thermal Discharging
RPO312	518	'2385936___/2385933'	10	10	10	2.31	10	10	10 No	2.31	Thermal Discharging
RPO312	519	'520630891___/517390942'	10	10	10	2.31	5.7	10	10 No	2.31	Thermal Discharging
RPO312	520	'432322945___/88393621'	10	10	10	2.31	5.8	10	10 No	2.31	Thermal Discharging
RPO312	521	'53318653___/53318660'	3.33	3.33	3.33	0.77	3.33	3.33	3.33 No	0.77	Thermal Discharging
RPO312	522	'2388595___/2388592'	3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77	Thermal Discharging
RPO312	523	'85924796___/85925101'	10	10	10	2.31	5.7	10	10 No	2.31	Thermal Discharging
RPO312	524	'520630893___/517390958'	10	10	10	2.31	5.7	10	10 No	2.31	Thermal Discharging
RPO312	525	'77507305___/77507316'	3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77	Thermal Discharging
RPO312	526	'85924869___/43143321_2'	3.33	3.33	3.33	0.77	1.9	3.33	3.33 No	0.77	Thermal Discharging
RPO312	527	'51204560___/51204567'	3.33	3.33	3.33	0.77	1.9	3.33	3.33 No	0.77	Thermal Discharging
RPO312	528	'358955457___/358955465'	10	10	10	2.31	5.7	10	10 No	2.31	Thermal Discharging
RPO312	529	'520630895___/517390974'	10	10	10	2.31	5.7	10	10 No	2.31	Thermal Discharging
RPO312	530	'520630915___/517390990'	10	10	10	2.31	5.7	10	10 No	2.31	Thermal Discharging
RPO312	531	'358955594___/358955515_1'	10	10	10	2.31	3.6	10	10 No	2.31	Thermal Discharging
RPO312	532	'38140247___/44088425'	3.33	3.33	3.33	0.77	1.3	3.33	3.33 No	0.77	Thermal Discharging
RPO312	533	'390644017___/390644077'	3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77	Thermal Discharging
RPO312	534	'85924145___/85924148'	10	10	10	2.31	5.7	10	10 No	2.31	Thermal Discharging
RPO312	535	'2404152___/2404149'	3.33	3.33	3.33	0.77	1.9	3.33	3.33 No	0.77	Thermal Discharging
RPO312	536	'85924114___/85924117'	10	10	10	2.31	5.7	10	10 No	2.31	Thermal Discharging
RPO312	537	'520630923___/517391006'	10	10	10	2.31	5.7	10	10 No	2.31	Thermal Discharging
RPO312	538	'54046828___/54046835'	3.33	3.33	3.33	0.77	3.33	3.33	3.33 No	0.77	Thermal Discharging
RPO312	539	'2387082___/2385950'	10	10	10	2.31	10	10	10 No	2.31	Thermal Discharging
RPO312	540	'54148328___/54148330'	3.33	3.33	3.33	0.77	1.93	3.33	3.33 No	0.77	Thermal Discharging
RPO312	541	'38049710___/44086337'	10	10	10	2.31	6.2	10	10 No	2.31	Thermal Discharging
RPO312	542	'38049709___/38049707'	10	10	10	2.31	6.2	10	10 No	2.31	Thermal Discharging
RPO312	543	'38049738___/38049735'	10	10	10	2.31	6.2	10	10 No	2.31	Thermal Discharging
RPO312	544	'38049752___/38049749'	10	10	10	2.31	6.2	10	10 No	2.31	Thermal Discharging
RPO312	545	'38049724___/38049721'	10	10	10	2.31	6.2	10	10 No	2.31	Thermal Discharging
RPO312	546	'85924083___/85924086'	10	10	10	2.31	5.7	10	10 No	2.31	Thermal Discharging
RPO312	547	'84352539___/43143321_1'	3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77	Thermal Discharging
RPO312	548	'2387083___/2387080'	10	10	10	2.31	10	10	10 No	2.31	Thermal Discharging
RPO312	549	'358955518___/358955515_2'	10	10	10	2.31	3.6	10	10 No	2.31	Thermal Discharging
RPO312	550	'2394024___/520631007'	3.33	3.33	3.33	0.77	1.9	3.33	3.33 No	0.77	Thermal Discharging
RPO312	551	'2385711___/2385708_2'	3.33	3.33	3.33	0.77	0.7	3.33	3.33 No	0.7	Element Fault
RPO312	552	'384059081___/384059138'	3.33	3.33	3.33	0.77	2	3.33	3.33 No	0.77	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Over- Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RPO312	553	'520630925_/517391022'		10	10	10	2.31	5.7	10	10 No	2.31 Thermal Discharging
RPO312	554	'88393592_/432322949'		10	10	10	2.31	5.8	10	10 No	2.31 Thermal Discharging
RPO312	555	'2385240_/2385237'	3.33	3.33	3.33	0.77	0.7	3.33	3.33 No	0.7 Element Fault	
RPO312	556	'85924484_/85924392_1'	3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77 Thermal Discharging	
RPO312	557	'2386351_/2412526'		10	10	10	2.31	10	10	10 No	2.31 Thermal Discharging
RPO312	558	'85924052_/85924055'		10	10	10	2.31	5.7	10	10 No	2.31 Thermal Discharging
RPO312	559	'392247413_/544432953'		10	10	10	2.31	5.8	10	10 No	2.31 Thermal Discharging
RPO312	560	'90160727_/2412546'		10	10	10	2.31	10	10	10 No	2.31 Thermal Discharging
RPO312	561	'103043761_/103043766'	3.33	3.33	3.33	0.77	1.9	3.33	3.33 No	0.77 Thermal Discharging	
RPO312	562	'87585538_/87585584'	3.33	3.33	3.33	0.77	2	3.33	3.33 No	0.77 Thermal Discharging	
RPO312	563	'2426482_/2426479'		10	10	10	2.31	10	10	10 No	2.31 Thermal Discharging
RPO312	564	'90160731_/2426496'		10	10	10	2.31	10	10	10 No	2.31 Thermal Discharging
RPO312	565	'2386352_/2391601_2'	3.33	3.33	3.33	0.77	3.33	3.33	3.33 No	0.77 Thermal Discharging	
RPO312	566	'520630939_/517391038'		10	10	10	2.31	5.7	10	10 No	2.31 Thermal Discharging
RPO312	567	'103043803_/103043828'	3.33	3.33	3.33	0.77	1.9	3.33	3.33 No	0.77 Thermal Discharging	
RPO312	568	'50892855_/50892829'		10	10	10	2.31	10	10	10 No	2.31 Thermal Discharging
RPO312	569	'85924021_/85924024'		10	10	10	2.31	5.7	10	10 No	2.31 Thermal Discharging
RPO312	570	'103043725_/103043814'	3.33	3.33	3.33	0.77	1.9	3.33	3.33 No	0.77 Thermal Discharging	
RPO312	571	'358285343_/390644036'	3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77 Thermal Discharging	
RPO312	572	'92064122_/106972186'	3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77 Thermal Discharging	
RPO312	573	'8447027_/8447024'		10	10	10	2.31	6.2	10	10 No	2.31 Thermal Discharging
RPO312	574	'40681610_/50348478'	3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77 Thermal Discharging	
RPO312	575	'43141974_/2413759'		10	10	10	2.31	10	10	10 No	2.31 Thermal Discharging
RPO312	576	'85923990_/85923993'		10	10	10	2.31	5.7	10	10 No	2.31 Thermal Discharging
RPO312	577	'2387100_/2387097'		10	10	10	2.31	10	10	10 No	2.31 Thermal Discharging
RPO312	578	'88392445_/90186922'		10	10	10	2.31	6.2	10	10 No	2.31 Thermal Discharging
RPO312	579	'43143308_/85924392_2'	3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77 Thermal Discharging	
RPO312	580	'2411896_/2411910'		10	10	10	2.31	10	10	10 No	2.31 Thermal Discharging
RPO312	581	'86146523_/77507376'	3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77 Thermal Discharging	
RPO312	582	'85923959_/85923962'		10	10	10	2.31	5.7	10	10 No	2.31 Thermal Discharging
RPO312	583	'2411879_/2411893'		10	10	10	2.31	10	10	10 No	2.31 Thermal Discharging
RPO312	584	'54046859_/54046866'	3.33	3.33	3.33	0.77	3.33	3.33	3.33 No	0.77 Thermal Discharging	
RPO312	585	'2381875_/2411876'		10	10	10	2.31	10	10	10 No	2.31 Thermal Discharging
RPO312	586	'7193602_/2385967_1'		10	10	10	2.31	5.9	10	10 No	2.31 Thermal Discharging
RPO312	587	'85923928_/85923931'		10	10	10	2.31	5.7	10	10 No	2.31 Thermal Discharging
RPO312	588	'96428778_/2385967_2'		10	10	10	2.31	5.9	10	10 No	2.31 Thermal Discharging
RPO312	589	'43141961_/43141963'		10	10	10	2.31	10	10	10 No	2.31 Thermal Discharging
RPO312	590	'2381858_/2381885_1'	3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77 Thermal Discharging	
RPO312	591	'53318684_/53318691'	3.33	3.33	3.33	0.77	3.33	3.33	3.33 No	0.77 Thermal Discharging	
RPO312	592	'2381843_/2411808'		10	10	10	2.31	10	10	10 No	2.31 Thermal Discharging
RPO312	593	'2411793_/2411791'		10	10	10	2.31	10	10	10 No	2.31 Thermal Discharging
RPO312	594	'85923897_/85923900'		10	10	10	2.31	5.7	10	10 No	2.31 Thermal Discharging
RPO312	595	'2381829_/2381827_2'	3.33	3.33	3.33	0.77	3.33	3.33	3.33 No	0.77 Thermal Discharging	
RPO312	596	'2394108_/43144622'	3.33	3.33	3.33	0.77	1.9	3.33	3.33 No	0.77 Thermal Discharging	
RPO312	597	'92064084_/92064131'	3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77 Thermal Discharging	
RPO312	598	'51204901_/51204939'	3.33	3.33	3.33	0.77	1.9	3.33	3.33 No	0.77 Thermal Discharging	
RPO312	599	'2381584_/2391601_1'	3.33	3.33	3.33	0.77	3.33	3.33	3.33 No	0.77 Thermal Discharging	
RPO312	600	'43141948_/43141950'		10	10	10	2.31	10	10	10 No	2.31 Thermal Discharging
RPO312	601	'271577317_/2411774_2'		10	10	10	2.31	10	10	10 No	2.31 Thermal Discharging
RPO312	602	'54555846_/54555853'	3.33	3.33	3.33	0.77	1.3	3.33	3.33 No	0.77 Thermal Discharging	
RPO312	603	'85923866_/85923869'		10	10	10	2.31	5.7	10	10 No	2.31 Thermal Discharging
RPO312	604	'2385970_/96428782'		10	10	10	2.31	5.9	10	10 No	2.31 Thermal Discharging
RPO312	605	'384059027_/384059100'	3.33	3.33	3.33	0.77	2	3.33	3.33 No	0.77 Thermal Discharging	
RPO312	606	'2381764_/2411774_1'		10	10	10	2.31	10	10	10 No	2.31 Thermal Discharging
RPO312	607	'86146291_/86146309'	3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77 Thermal Discharging	
RPO312	608	'85923835_/85923838'		10	10	10	2.31	5.7	10	10 No	2.31 Thermal Discharging
RPO312	609	'2381830_/2381827_1'	3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77 Thermal Discharging	
RPO312	610	'53047153_/53044241'		10	10	10	2.31	5.8	10	10 No	2.31 Thermal Discharging
RPO312	611	'53047152_/53047150'		10	10	10	2.31	5.8	10	10 No	2.31 Thermal Discharging
RPO312	612	'53047189_/53047186'		10	10	10	2.31	5.8	10	10 No	2.31 Thermal Discharging
RPO312	613	'53047165_/53047162'		6.67	6.67	6.67	1.54	3.87	6.67	6.67 No	1.54 Thermal Discharging
RPO312	614	'2411726_/2411740'		10	10	10	2.31	10	10	10 No	2.31 Thermal Discharging
RPO312	615	'2381748_/2381746_1'	3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77 Thermal Discharging	
RPO312	616	'96357361_/96357513'	3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77 Thermal Discharging	
RPO312	617	'85923639_/85923807'		10	10	10	2.31	5.7	10	10 No	2.31 Thermal Discharging
RPO312	618	'625925053_/625924827_1'	3.33	3.33	3.33	0.77	1.5	3.33	3.33 No	0.77 Thermal Discharging	
RPO312	619	'625924946_/625924827_2'	3.33	3.33	3.33	0.77	1.5	3.33	3.33 No	0.77 Thermal Discharging	
RPO312	620	'50942209_/8480399_1'	3.33	3.33	3.33	0.77	0.4	3.33	3.33 No	0.4 Element Fault	
RPO312	621	'2411709_/2411723'		10	10	10	2.31	10	10	10 No	2.31 Thermal Discharging
RPO312	622	'2381888_/2381885_2'	3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77 Thermal Discharging	
RPO312	623	'85923633_/85923636'		10	10	10	2.31	5.7	10	10 No	2.31 Thermal Discharging
RPO312	624	'52750465_/52750109'	3.33	3.33	3.33	0.77	2.07	3.33	3.33 No	0.77 Thermal Discharging	
RPO312	625	'2381707_/2411706'		10	10	10	2.31	10	10	10 No	2.31 Thermal Discharging
RPO312	626	'258088400_/8480399_2'	3.33	3.33	3.33	0.77	0.4	3.33	3.33 No	0.4 Element Fault	
RPO312	627	'85923602_/85923605'		10	10	10	2.31	5.7	10	10 No	2.31 Thermal Discharging
RPO312	628	'96357463_/96357367'	3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77 Thermal Discharging	
RPO312	629	'2381610_/2411689'		10	10	10	2.31	10	10	10 No	2.31 Thermal Discharging
RPO312	630	'2381693_/2381691_2'	3.33	3.33	3.33	0.77	2.2	3.33	3.33 No	0.77 Thermal Discharging	
RPO312	631	'358285283_/358285353'	3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77 Thermal Discharging	
RPO312	632	'2381749_/2381746_2'	3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77 Thermal Discharging	
RPO312	633	'2381638_/2381636_2'	3.33	3.33	3.33	0.77	3.33	3.33	3.33 No	0.77 Thermal Discharging	
RPO312	634	'38178819_/50348444'	3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77 Thermal Discharging	
RPO312	635	'85923571_/85923574'		10	10	10	2.31	5.7	10	10 No	2.31 Thermal Discharging
RPO312	636	'51204591_/51204598'	3.33	3.33	3.33	0.77	1.9	3.33	3.33 No	0.77 Thermal Discharging	
RPO312	637	'96357429_/96357559'	3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77 Thermal Discharging	
RPO312	638	'2411655_/2411672'		10	10	10	2.31	10	10	10 No	2.31 Thermal Discharging
RPO312	639	'2428751_/2428766'		10	10	10	2.31	5.9	10	10 No	2.31 Thermal Discharging
RPO312	640	'8269825_/96357434'	3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77 Thermal Discharging	
RPO312	641	'85923540_/85923543'		10	10	10	2.31	5.7	10	10 No	2.31 Thermal Discharging
RPO312	642	'43141924_/2411652'		10	10	10	2.31	10	10	10 No	2.31 Thermal Discharging
RPO312	643	'90186911_/88392507'		10	10	10	2.31	6.2	10	10 No	2.31 Thermal Discharging
RPO312	644	'120040506_/360117094_2'	3.33	3.33	3.33	0.77	1.9	3.33	3.33 No	0.77 Thermal Discharging	
RPO312	645	'8171726_/9429440_1'	3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77 Thermal Discharging	
RPO312	646	'2381639_/2381636_1'	3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77 Thermal Discharging	

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RPO312	647	'2411627_/_2411635'	10	10	10	2.31	10	10	10 No	2.31	Thermal Discharging
RPO312	648	'2388085_/_360117094_1'	3.33	3.33	3.33	0.77	0.4	3.33	3.33 No	0.4	Element Fault
RPO312	649	'85923509_/_85923512'	10	10	10	2.31	5.7	10	10 No	2.31	Thermal Discharging
RPO312	650	'54555877_/_54555884'	3.33	3.33	3.33	0.77	1.3	3.33	3.33 No	0.77	Thermal Discharging
RPO312	651	'53318715_/_53318722'	3.33	3.33	3.33	0.77	3.33	3.33	3.33 No	0.77	Thermal Discharging
RPO312	652	'2411610_/_7164920'	10	10	10	2.31	10	10	10 No	2.31	Thermal Discharging
RPO312	653	'2381571_/_2381581'	3.33	3.33	3.33	0.77	3.33	3.33	3.33 No	0.77	Thermal Discharging
RPO312	654	'2381694_/_2381691_1'	3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77	Thermal Discharging
RPO312	655	'43143253_/_2385721'	3.33	3.33	3.33	0.77	0.7	3.33	3.33 No	0.7	Element Fault
RPO312	656	'85923478_/_85923481'	10	10	10	2.31	5.7	10	10 No	2.31	Thermal Discharging
RPO312	657	'86146338_/_86146347'	3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77	Thermal Discharging
RPO312	658	'493436111_/_493436115'	3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77	Thermal Discharging
RPO312	659	'258088306_/_7811117_1'	3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77	Thermal Discharging
RPO312	660	'54046890_/_54046897'	3.33	3.33	3.33	0.77	3.33	3.33	3.33 No	0.77	Thermal Discharging
RPO312	661	'2411593_/_2411607'	10	10	10	2.31	10	10	10 No	2.31	Thermal Discharging
RPO312	662	'384058973_/_384059046'	3.33	3.33	3.33	0.77	2	3.33	3.33 No	0.77	Thermal Discharging
RPO312	663	'2411576_/_2411590'	10	10	10	2.31	10	10	10 No	2.31	Thermal Discharging
RPO312	664	'85923447_/_85923450'	10	10	10	2.31	5.7	10	10 No	2.31	Thermal Discharging
RPO312	665	'96357395_/_8269822'	3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77	Thermal Discharging
RPO312	666	'2428715_/_2428712'	10	10	10	2.31	5.9	10	10 No	2.31	Thermal Discharging
RPO312	667	'85923416_/_85923419'	10	10	10	2.31	5.7	10	10 No	2.31	Thermal Discharging
RPO312	668	'87585503_/_87585549'	3.33	3.33	3.33	0.77	2	3.33	3.33 No	0.77	Thermal Discharging
RPO312	669	'2411559_/_2411573'	10	10	10	2.31	10	10	10 No	2.31	Thermal Discharging
RPO312	670	'2381778_/_2381775'	3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77	Thermal Discharging
RPO312	671	'50004540_/_52472815'	3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77	Thermal Discharging
RPO312	672	'2411542_/_2411556'	10	10	10	2.31	10	10	10 No	2.31	Thermal Discharging
RPO312	673	'276016234_/_239389981_1'	3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77	Thermal Discharging
RPO312	674	'85923384_/_85923388'	10	10	10	2.31	5.7	10	10 No	2.31	Thermal Discharging
RPO312	675	'2381668_/_2381665'	3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77	Thermal Discharging
RPO312	676	'88393538_/_88393543'	10	10	10	2.31	6.2	10	10 No	2.31	Thermal Discharging
RPO312	677	'23938990_/_239389981_2'	3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77	Thermal Discharging
RPO312	678	'258088286_/_8170925_1'	3.33	3.33	3.33	0.77	0.4	3.33	3.33 No	0.4	Element Fault
RPO312	679	'51204870_/_51204908'	3.33	3.33	3.33	0.77	1.9	3.33	3.33 No	0.77	Thermal Discharging
RPO312	680	'85923315_/_85923319'	10	10	10	2.31	5.7	10	10 No	2.31	Thermal Discharging
RPO312	681	'2411541_/_2411539'	10	10	10	2.31	10	10	10 No	2.31	Thermal Discharging
RPO312	682	'2385253_/_2385250'	3.33	3.33	3.33	0.77	0.7	3.33	3.33 No	0.7	Element Fault
RPO312	683	'2385265_/_2391863'	3.33	3.33	3.33	0.77	0.7	3.33	3.33 No	0.7	Element Fault
RPO312	684	'68743520_/_68743562'	3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77	Thermal Discharging
RPO312	685	'258088259_/_8170925_2'	3.33	3.33	3.33	0.77	0.4	3.33	3.33 No	0.4	Element Fault
RPO312	686	'85923279_/_85923282'	10	10	10	2.31	5.7	10	10 No	2.31	Thermal Discharging
RPO312	687	'34548031_/_44081396'	3.33	3.33	3.33	0.77	1.3	3.33	3.33 No	0.77	Thermal Discharging
RPO312	688	'43138477_/_2413679'	10	10	10	2.31	10	10	10 No	2.31	Thermal Discharging
RPO312	689	'276016344_/_109279162_1'	3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77	Thermal Discharging
RPO312	690	'39710690_/_8143851'	3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77	Thermal Discharging
RPO312	691	'85923248_/_85923251'	10	10	10	2.31	5.7	10	10 No	2.31	Thermal Discharging
RPO312	692	'2412387_/_2412384'	10	10	10	2.31	10	10	10 No	2.31	Thermal Discharging
RPO312	693	'53045384_/_53045386'	6.67	6.67	6.67	1.54	3.87	6.67	6.67 No	1.54	Thermal Discharging
RPO312	694	'2381558_/_2381568'	3.33	3.33	3.33	0.77	3.33	3.33	3.33 No	0.77	Thermal Discharging
RPO312	695	'85923217_/_85923220'	10	10	10	2.31	5.7	10	10 No	2.31	Thermal Discharging
RPO312	696	'109279165_/_109279162_2'	3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77	Thermal Discharging
RPO312	697	'43138490_/_2412489'	10	10	10	2.31	10	10	10 No	2.31	Thermal Discharging
RPO312	698	'2428732_/_2428729'	10	10	10	2.31	5.9	10	10 No	2.31	Thermal Discharging
RPO312	699	'55719968_/_54555907'	3.33	3.33	3.33	0.77	1.3	3.33	3.33 No	0.77	Thermal Discharging
RPO312	700	'109279231_/_109279195_1'	3.33	3.33	3.33	0.77	0.7	3.33	3.33 No	0.7	Element Fault
RPO312	701	'85923186_/_85923189'	10	10	10	2.31	5.7	10	10 No	2.31	Thermal Discharging
RPO312	702	'2412404_/_2412401'	10	10	10	2.31	10	10	10 No	2.31	Thermal Discharging
RPO312	703	'54046921_/_54046928'	3.33	3.33	3.33	0.77	3.33	3.33	3.33 No	0.77	Thermal Discharging
RPO312	704	'384058934_/_384058992'	3.33	3.33	3.33	0.77	2	3.33	3.33 No	0.77	Thermal Discharging
RPO312	705	'2381681_/_2381678'	3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77	Thermal Discharging
RPO312	706	'56122886_/_56122912'	3.33	3.33	3.33	0.77	3.33	3.33	3.33 No	0.77	Thermal Discharging
RPO312	707	'2412421_/_2412418'	10	10	10	2.31	10	10	10 No	2.31	Thermal Discharging
RPO312	708	'77220983_/_85923158'	10	10	10	2.31	5.7	10	10 No	2.31	Thermal Discharging
RPO312	709	'2412438_/_2412435'	10	10	10	2.31	10	10	10 No	2.31	Thermal Discharging
RPO312	710	'51536688_/_7811117_2'	3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77	Thermal Discharging
RPO312	711	'77219912_/_77220981'	10	10	10	2.31	5.7	10	10 No	2.31	Thermal Discharging
RPO312	712	'112018954_/_2400915_2'	3.33	3.33	3.33	0.77	1.9	3.33	3.33 No	0.77	Thermal Discharging
RPO312	713	'54087577_/_54087624'	3.33	3.33	3.33	0.77	1.3	3.33	3.33 No	0.77	Thermal Discharging
RPO312	714	'2381791_/_2381788'	3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77	Thermal Discharging
RPO312	715	'92064031_/_92064103'	3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77	Thermal Discharging
RPO312	716	'2411946_/_2412452'	10	10	10	2.31	10	10	10 No	2.31	Thermal Discharging
RPO312	717	'87585468_/_87585514'	3.33	3.33	3.33	0.77	2	3.33	3.33 No	0.77	Thermal Discharging
RPO312	718	'77219779_/_77220692'	10	10	10	2.31	5.7	10	10 No	2.31	Thermal Discharging
RPO312	719	'96357592_/_96357603'	3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77	Thermal Discharging
RPO312	720	'263644786_/_2411944'	10	10	10	2.31	10	10	10 No	2.31	Thermal Discharging
RPO312	721	'65183650_/_65183657'	3.33	3.33	3.33	0.77	1.93	3.33	3.33 No	0.77	Thermal Discharging
RPO312	722	'77219728_/_77220620'	10	10	10	2.31	5.7	10	10 No	2.31	Thermal Discharging
RPO312	723	'2411947_/_263644788'	10	10	10	2.31	10	10	10 No	2.31	Thermal Discharging
RPO312	724	'2408141_/_2428783'	10	10	10	2.31	5.9	10	10 No	2.31	Thermal Discharging
RPO312	725	'43142094_/_2411961'	10	10	10	2.31	10	10	10 No	2.31	Thermal Discharging
RPO312	726	'8480854_/_9115583_1'	3.33	3.33	3.33	0.77	1.5	3.33	3.33 No	0.77	Thermal Discharging
RPO312	727	'2393725_/_77220585'	10	10	10	2.31	5.7	10	10 No	2.31	Thermal Discharging
RPO312	728	'51536786_/_51536765'	3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77	Thermal Discharging
RPO312	729	'380683567_/_380683487_1'	3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77	Thermal Discharging
RPO312	730	'8481577_/_9429440_2'	3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77	Thermal Discharging
RPO312	731	'2411980_/_43142096'	10	10	10	2.31	10	10	10 No	2.31	Thermal Discharging
RPO312	732	'7537618_/_9115583_2'	3.33	3.33	3.33	0.77	1.5	3.33	3.33 No	0.77	Thermal Discharging
RPO312	733	'2394123_/_2400915_1'	3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77	Thermal Discharging
RPO312	734	'77219595_/_77220558'	10	10	10	2.31	5.7	10	10 No	2.31	Thermal Discharging
RPO312	735	'258088165_/_483609365_1'	3.33	3.33	3.33	0.77	0.4	3.33	3.33 No	0.4	Element Fault
RPO312	736	'8413629_/_8413626'	3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77	Thermal Discharging
RPO312	737	'2381981_/_2411978'	10	10	10	2.31	10	10	10 No	2.31	Thermal Discharging
RPO312	738	'53045442_/_53045449'	3.33	3.33	3.33	0.77	1.93	3.33	3.33 No	0.77	Thermal Discharging
RPO312	739	'2381545_/_2381555'	3.33	3.33	3.33	0.77	3.33	3.33	3.33 No	0.77	Thermal Discharging
RPO312	740	'263644776_/_2381979_1'	3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over- Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RPO312	741	'109279184_/109279195_2'	3.33	3.33	3.33	0.77	0.7	3.33	3.33 No	0.7	Element Fault
RPO312	742	'2412004_/2412001'	10	10	10	2.31	10	10	10 No	2.31	Thermal Discharging
RPO312	743	'276016400_/483609365_2'	3.33	3.33	3.33	0.77	0.4	3.33	3.33 No	0.4	Element Fault
RPO312	744	'68743489_/68743531'	3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77	Thermal Discharging
RPO312	745	'105374508_/105374534'	3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77	Thermal Discharging
RPO312	746	'2381817_/2381814'	3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77	Thermal Discharging
RPO312	747	'51204839_/51204877'	3.33	3.33	3.33	0.77	1.9	3.33	3.33 No	0.77	Thermal Discharging
RPO312	748	'2382075_/2426230'	10	10	10	2.31	10	10	10 No	2.31	Thermal Discharging
RPO312	749	'7848363_/9115881_1'	3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77	Thermal Discharging
RPO312	750	'2382076_/2382099_2'	3.33	3.33	3.33	0.77	2.8	3.33	3.33 No	0.77	Thermal Discharging
RPO312	751	'370602730_/384058953'	3.33	3.33	3.33	0.77	2	3.33	3.33 No	0.77	Thermal Discharging
RPO312	752	'380683490_/380683487_2'	3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77	Thermal Discharging
RPO312	753	'493436079_/493436139'	3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77	Thermal Discharging
RPO312	754	'51536719_/51536833'	3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77	Thermal Discharging
RPO312	755	'2381995_/2412018'	10	10	10	2.31	10	10	10 No	2.31	Thermal Discharging
RPO312	756	'2381803_/2381801'	3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77	Thermal Discharging
RPO312	757	'2408142_/2408139'	10	10	10	2.31	5.9	10	10 No	2.31	Thermal Discharging
RPO312	758	'2381994_/2382005_2'	3.33	3.33	3.33	0.77	3.33	3.33	3.33 No	0.77	Thermal Discharging
RPO312	759	'263644851_/2383436_2'	3.33	3.33	3.33	0.77	3.33	3.33	3.33 No	0.77	Thermal Discharging
RPO312	760	'43141937_/2381717'	3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77	Thermal Discharging
RPO312	761	'43142061_/2381979_2'	3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77	Thermal Discharging
RPO312	762	'52749580_/52750138'	3.33	3.33	3.33	0.77	2.07	3.33	3.33 No	0.77	Thermal Discharging
RPO312	763	'2382117_/2412035'	10	10	10	2.31	10	10	10 No	2.31	Thermal Discharging
RPO312	764	'72767053_/72767058'	10	10	10	2.31	6.2	10	10 No	2.31	Thermal Discharging
RPO312	765	'7636462_/7636476'	3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77	Thermal Discharging
RPO312	766	'54087546_/54087584'	3.33	3.33	3.33	0.77	1.3	3.33	3.33 No	0.77	Thermal Discharging
RPO312	767	'2382118_/2382141_2'	3.33	3.33	3.33	0.77	2.2	3.33	3.33 No	0.77	Thermal Discharging
RPO312	768	'2382007_/2382005_1'	3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77	Thermal Discharging
RPO312	769	'43142024_/2412106'	10	10	10	2.31	10	10	10 No	2.31	Thermal Discharging
RPO312	770	'77219544_/77220655'	10	10	10	2.31	5.7	10	10 No	2.31	Thermal Discharging
RPO312	771	'65183674_/65183681'	3.33	3.33	3.33	0.77	1.93	3.33	3.33 No	0.77	Thermal Discharging
RPO312	772	'2382088_/2382099_1'	3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77	Thermal Discharging
RPO312	773	'101846790_/2408249_1'	3.33	3.33	3.33	0.77	0.7	3.33	3.33 No	0.7	Element Fault
RPO312	774	'2388072_/2388082'	3.33	3.33	3.33	0.77	0.4	3.33	3.33 No	0.4	Element Fault
RPO312	775	'2412058_/2412055'	10	10	10	2.31	10	10	10 No	2.31	Thermal Discharging
RPO312	776	'2426579_/2408249_2'	3.33	3.33	3.33	0.77	0.7	3.33	3.33 No	0.7	Element Fault
RPO312	777	'8481578_/8481575'	3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77	Thermal Discharging
RPO312	778	'43142037_/2412072'	10	10	10	2.31	10	10	10 No	2.31	Thermal Discharging
RPO312	779	'96357630_/96357641'	3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77	Thermal Discharging
RPO312	780	'2382367_/43142039'	10	10	10	2.31	10	10	10 No	2.31	Thermal Discharging
RPO312	781	'72767104_/72767133'	10	10	10	2.31	6.2	10	10 No	2.31	Thermal Discharging
RPO312	782	'405901826_/2382365_1'	3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77	Thermal Discharging
RPO312	783	'53044280_/54046959'	3.33	3.33	3.33	0.77	3.33	3.33	3.33 No	0.77	Thermal Discharging
RPO312	784	'2381532_/2381542'	3.33	3.33	3.33	0.77	3.33	3.33	3.33 No	0.77	Thermal Discharging
RPO312	785	'2382130_/2382141_1'	3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77	Thermal Discharging
RPO312	786	'2412145_/2412333'	10	10	10	2.31	10	10	10 No	2.31	Thermal Discharging
RPO312	787	'2408159_/2408156'	10	10	10	2.31	5.9	10	10 No	2.31	Thermal Discharging
RPO312	788	'2394124_/2394121'	3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77	Thermal Discharging
RPO312	789	'8480838_/9428726_1'	3.33	3.33	3.33	0.77	0.2	3.33	3.33 No	0.2	Element Fault
RPO312	790	'2382831_/2382841_2'	3.33	3.33	3.33	0.77	2.8	3.33	3.33 No	0.77	Thermal Discharging
RPO312	791	'105374473_/105374519'	3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77	Thermal Discharging
RPO312	792	'2382384_/2412143'	10	10	10	2.31	10	10	10 No	2.31	Thermal Discharging
RPO312	793	'2383439_/2383436_1'	3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77	Thermal Discharging
RPO312	794	'381053626_/2382394_1'	3.33	3.33	3.33	0.77	0.4	3.33	3.33 No	0.4	Element Fault
RPO312	795	'2381901_/2381898'	3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77	Thermal Discharging
RPO312	796	'381053595_/2382394_2'	3.33	3.33	3.33	0.77	0.4	3.33	3.33 No	0.4	Element Fault
RPO312	797	'53045554_/53045561'	3.33	3.33	3.33	0.77	1.93	3.33	3.33 No	0.77	Thermal Discharging
RPO312	798	'87585433_/87585479'	3.33	3.33	3.33	0.77	2	3.33	3.33 No	0.77	Thermal Discharging
RPO312	799	'43142107_/2412350'	10	10	10	2.31	10	10	10 No	2.31	Thermal Discharging
RPO312	800	'43142133_/2382365_2'	3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77	Thermal Discharging
RPO312	801	'380683506_/380683503'	3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77	Thermal Discharging
RPO312	802	'77220340_/77220529'	10	10	10	2.31	5.7	10	10 No	2.31	Thermal Discharging
RPO312	803	'2385737_/43143255'	3.33	3.33	3.33	0.77	0.7	3.33	3.33 No	0.7	Element Fault
RPO312	804	'302464833_/258087449_1'	3.33	3.33	3.33	0.77	0.7	3.33	3.33 No	0.7	Element Fault
RPO312	805	'51204808_/51204846'	3.33	3.33	3.33	0.77	1.9	3.33	3.33 No	0.77	Thermal Discharging
RPO312	806	'2412163_/2412160'	10	10	10	2.31	10	10	10 No	2.31	Thermal Discharging
RPO312	807	'2382024_/2382021'	3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77	Thermal Discharging
RPO312	808	'72767008_/72767115'	10	10	10	2.31	6.2	10	10 No	2.31	Thermal Discharging
RPO312	809	'55719991_/55719998'	3.33	3.33	3.33	0.77	1.3	3.33	3.33 No	0.77	Thermal Discharging
RPO312	810	'2412180_/2412177'	10	10	10	2.31	10	10	10 No	2.31	Thermal Discharging
RPO312	811	'9115884_/9115881_2'	3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77	Thermal Discharging
RPO312	812	'65116941_/65115147'	10	10	10	2.31	5.8	10	10 No	2.31	Thermal Discharging
RPO312	813	'38140233_/44088413'	3.33	3.33	3.33	0.77	1.3	3.33	3.33 No	0.77	Thermal Discharging
RPO312	814	'43142120_/2412194'	10	10	10	2.31	10	10	10 No	2.31	Thermal Discharging
RPO312	815	'2412213_/43142122'	10	10	10	2.31	10	10	10 No	2.31	Thermal Discharging
RPO312	816	'53047930_/53047937'	3.33	3.33	3.33	0.77	3.33	3.33	3.33 No	0.77	Thermal Discharging
RPO312	817	'92063981_/106972208'	3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77	Thermal Discharging
RPO312	818	'2382235_/2412211'	10	10	10	2.31	10	10	10 No	2.31	Thermal Discharging
RPO312	819	'7636463_/7636460'	3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77	Thermal Discharging
RPO312	820	'2382234_/2382245_3'	3.33	3.33	3.33	0.77	2.2	3.33	3.33 No	0.77	Thermal Discharging
RPO312	821	'2381519_/2381529'	3.33	3.33	3.33	0.77	3.33	3.33	3.33 No	0.77	Thermal Discharging
RPO312	822	'43142072_/2381911'	3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77	Thermal Discharging
RPO312	823	'2408176_/2408173'	10	10	10	2.31	5.9	10	10 No	2.31	Thermal Discharging
RPO312	824	'43138077_/2412228'	10	10	10	2.31	10	10	10 No	2.31	Thermal Discharging
RPO312	825	'2382131_/2382128'	3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77	Thermal Discharging
RPO312	826	'2385266_/2385263'	3.33	3.33	3.33	0.77	0.7	3.33	3.33 No	0.7	Element Fault
RPO312	827	'107334441_/105374484'	3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77	Thermal Discharging
RPO312	828	'56122855_/56122893'	3.33	3.33	3.33	0.77	3.33	3.33	3.33 No	0.77	Thermal Discharging
RPO312	829	'2382927_/43138079'	10	10	10	2.31	10	10	10 No	2.31	Thermal Discharging
RPO312	830	'2382843_/2382841_1'	3.33	3.33	3.33	0.77	0.2	3.33	3.33 No	0.2	Element Fault
RPO312	831	'43150469_/2412506'	10	10	10	2.31	10	10	10 No	2.31	Thermal Discharging
RPO312	832	'2382089_/2382086'	3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77	Thermal Discharging
RPO312	833	'96357665_/96357676'	3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77	Thermal Discharging
RPO312	834	'51987479_/51987490'	3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RPO312	835	'96428584_/106254944'	10	10	10	2.31	5.7	10	10 No	2.31	Thermal Discharging
RPO312	836	'2412248_/2412245'	10	10	10	2.31	10	10	10 No	2.31	Thermal Discharging
RPO312	837	'2382885_/2382883_1'	3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77	Thermal Discharging
RPO312	838	'87585399_/87585444'	3.33	3.33	3.33	0.77	2	3.33	3.33 No	0.77	Thermal Discharging
RPO312	839	'258088137_/2382245_2'	3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77	Thermal Discharging
RPO312	840	'2412265_/2412262'	10	10	10	2.31	10	10	10 No	2.31	Thermal Discharging
RPO312	841	'7811120_/51536721'	3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77	Thermal Discharging
RPO312	842	'54328352_/54328404'	10	10	10	2.31	6.2	10	10 No	2.31	Thermal Discharging
RPO312	843	'54328339_/54328349'	10	10	10	2.31	6.2	10	10 No	2.31	Thermal Discharging
RPO312	844	'54328376_/54328373'	3.33	3.33	3.33	0.77	2.07	3.33	3.33 No	0.77	Thermal Discharging
RPO312	845	'54328363_/54328367'	3.33	3.33	3.33	0.77	2.07	3.33	3.33 No	0.77	Thermal Discharging
RPO312	846	'54328340_/54328337'	3.33	3.33	3.33	0.77	2.07	3.33	3.33 No	0.77	Thermal Discharging
RPO312	847	'65115223_/65118343'	3.33	3.33	3.33	0.77	1.93	3.33	3.33 No	0.77	Thermal Discharging
RPO312	848	'2382037_/2382034'	3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77	Thermal Discharging
RPO312	849	'2382247_/2382245_1'	3.33	3.33	3.33	0.77	0.7	3.33	3.33 No	0.7	Element Fault
RPO312	850	'2382212_/2425090'	10	10	10	2.31	10	10	10 No	2.31	Thermal Discharging
RPO312	851	'76819808_/7168355_1'	10	10	10	2.31	3.7	10	10 No	2.31	Thermal Discharging
RPO312	852	'40371426_/8133801'	3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77	Thermal Discharging
RPO312	853	'258087586_/43142157_1'	10	10	10	2.31	3.6	10	10 No	2.31	Thermal Discharging
RPO312	854	'2382198_/2412282'	10	10	10	2.31	10	10	10 No	2.31	Thermal Discharging
RPO312	855	'7502058_/44099454'	3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77	Thermal Discharging
RPO312	856	'55611596_/55611598'	3.33	3.33	3.33	0.77	1.3	3.33	3.33 No	0.77	Thermal Discharging
RPO312	857	'91067264_/91067269'	3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77	Thermal Discharging
RPO312	858	'370602676_/370602749'	3.33	3.33	3.33	0.77	2	3.33	3.33 No	0.77	Thermal Discharging
RPO312	859	'276017284_/2382196_1'	3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77	Thermal Discharging
RPO312	860	'9695121_/9695118'	3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77	Thermal Discharging
RPO312	861	'43142000_/43142002'	10	10	10	2.31	10	10	10 No	2.31	Thermal Discharging
RPO312	862	'2382211_/43142157_2'	10	10	10	2.31	3.6	10	10 No	2.31	Thermal Discharging
RPO312	863	'2408193_/2408190'	10	10	10	2.31	5.9	10	10 No	2.31	Thermal Discharging
RPO312	864	'276017306_/2382196_2'	3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77	Thermal Discharging
RPO312	865	'43141987_/43141989'	10	10	10	2.31	10	10	10 No	2.31	Thermal Discharging
RPO312	866	'2381506_/2381516'	3.33	3.33	3.33	0.77	3.33	3.33	3.33 No	0.77	Thermal Discharging
RPO312	867	'7168358_/7168355_2'	10	10	10	2.31	3.7	10	10 No	2.31	Thermal Discharging
RPO312	868	'51987511_/51987513'	3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77	Thermal Discharging
RPO312	869	'258088063_/2382883_2'	3.33	3.33	3.33	0.77	0.4	3.33	3.33 No	0.4	Element Fault
RPO312	870	'9428729_/9428726_2'	3.33	3.33	3.33	0.77	0.2	3.33	3.33 No	0.2	Element Fault
RPO312	871	'2381926_/43142074'	3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77	Thermal Discharging
RPO312	872	'51204622_/51204629'	3.33	3.33	3.33	0.77	1.9	3.33	3.33 No	0.77	Thermal Discharging
RPO312	873	'2377775_/2413653'	10	10	10	2.31	10	10	10 No	2.31	Thermal Discharging
RPO312	874	'2382860_/2382857'	3.33	3.33	3.33	0.77	0.2	3.33	3.33 No	0.2	Element Fault
RPO312	875	'55720014_/55720021'	3.33	3.33	3.33	0.77	1.3	3.33	3.33 No	0.77	Thermal Discharging
RPO312	876	'317958582_/302329568'	10	10	10	2.31	10	10	10 No	2.31	Thermal Discharging
RPO312	877	'317958570_/317958487'	10	10	10	2.31	10	10	10 No	2.31	Thermal Discharging
RPO312	878	'317958539_/317958512'	10	10	10	2.31	10	10	10 No	2.31	Thermal Discharging
RPO312	879	'7847360_/258087449_2'	3.33	3.33	3.33	0.77	0.7	3.33	3.33 No	0.7	Element Fault
RPO312	880	'51112892_/51112889'	3.33	3.33	3.33	0.77	1.97	3.33	3.33 No	0.77	Thermal Discharging
RPO312	881	'493436037_/493436095'	3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77	Thermal Discharging
RPO312	882	'2382886_/2382883_3'	3.33	3.33	3.33	0.77	0.4	3.33	3.33 No	0.4	Element Fault
RPO312	883	'2411261_/302329536'	10	10	10	2.31	10	10	10 No	2.31	Thermal Discharging
RPO312	884	'56122824_/56122862'	3.33	3.33	3.33	0.77	3.33	3.33	3.33 No	0.77	Thermal Discharging
RPO312	885	'84354259_/43140816_2'	3.33	3.33	3.33	0.77	2.7	3.33	3.33 No	0.77	Thermal Discharging
RPO312	886	'54087510_/54087553'	3.33	3.33	3.33	0.77	1.3	3.33	3.33 No	0.77	Thermal Discharging
RPO312	887	'53045604_/53045611'	3.33	3.33	3.33	0.77	1.93	3.33	3.33 No	0.77	Thermal Discharging
RPO312	888	'2411278_/302329501'	10	10	10	2.31	10	10	10 No	2.31	Thermal Discharging
RPO312	889	'2385750_/2385747'	3.33	3.33	3.33	0.77	0.7	3.33	3.33 No	0.7	Element Fault
RPO312	890	'2382050_/2382047'	3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77	Thermal Discharging
RPO312	891	'65115247_/65115254'	3.33	3.33	3.33	0.77	1.93	3.33	3.33 No	0.77	Thermal Discharging
RPO312	892	'2436830_/2382060'	3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77	Thermal Discharging
RPO312	893	'65115446_/87585410'	3.33	3.33	3.33	0.77	2	3.33	3.33 No	0.77	Thermal Discharging
RPO312	894	'55538707_/55538709'	3.33	3.33	3.33	0.77	1.3	3.33	3.33 No	0.77	Thermal Discharging
RPO312	895	'92063934_/92063990'	3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77	Thermal Discharging
RPO312	896	'346921876_/2388095_1'	3.33	3.33	3.33	0.77	0.1	3.33	3.33 No	0.1	Element Fault
RPO312	897	'2391250_/302329475'	10	10	10	2.31	10	10	10 No	2.31	Thermal Discharging
RPO312	898	'2436868_/2436866'	3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77	Thermal Discharging
RPO312	899	'2382199_/2382196_3'	3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77	Thermal Discharging
RPO312	900	'96358159_/96358177'	3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77	Thermal Discharging
RPO312	901	'2440880_/2440877'	10	10	10	2.31	5.9	10	10 No	2.31	Thermal Discharging
RPO312	902	'2411224_/302329447'	10	10	10	2.31	10	10	10 No	2.31	Thermal Discharging
RPO312	903	'302329415_/302329413'	10	10	10	2.31	10	10	10 No	2.31	Thermal Discharging
RPO312	904	'58635495_/2391248_1'	3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77	Thermal Discharging
RPO312	905	'7216570_/7216568_1'	3.33	3.33	3.33	0.77	0.2	3.33	3.33 No	0.2	Element Fault
RPO312	906	'485906010_/493436053'	3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77	Thermal Discharging
RPO312	907	'40367388_/44098503'	3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77	Thermal Discharging
RPO312	908	'255453375_/302329373'	10	10	10	2.31	10	10	10 No	2.31	Thermal Discharging
RPO312	909	'2381927_/2381924'	3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77	Thermal Discharging
RPO312	910	'51204715_/51204815'	3.33	3.33	3.33	0.77	1.9	3.33	3.33 No	0.77	Thermal Discharging
RPO312	911	'55720041_/55720048'	3.33	3.33	3.33	0.77	1.3	3.33	3.33 No	0.77	Thermal Discharging
RPO312	912	'43140814_/43140816_1'	3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77	Thermal Discharging
RPO312	913	'487527487_/2377759'	3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77	Thermal Discharging
RPO312	914	'2417685_/302329354'	10	10	10	2.31	10	10	10 No	2.31	Thermal Discharging
RPO312	915	'381053881_/7156954_2'	6.67	6.67	6.67	1.54	5.6	6.67	6.67 No	1.54	Thermal Discharging
RPO312	916	'43141913_/2381503'	3.33	3.33	3.33	0.77	3.33	3.33	3.33 No	0.77	Thermal Discharging
RPO312	917	'55538742_/55538761'	3.33	3.33	3.33	0.77	1.3	3.33	3.33 No	0.77	Thermal Discharging
RPO312	918	'2385906_/2388069'	3.33	3.33	3.33	0.77	0.4	3.33	3.33 No	0.4	Element Fault
RPO312	919	'520631648_/2385773_1'	3.33	3.33	3.33	0.77	0.4	3.33	3.33 No	0.4	Element Fault
RPO312	920	'54328438_/54328445'	3.33	3.33	3.33	0.77	2.07	3.33	3.33 No	0.77	Thermal Discharging
RPO312	921	'2381733_/2381730'	3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77	Thermal Discharging
RPO312	922	'2377079_/302329308'	10	10	10	2.31	10	10	10 No	2.31	Thermal Discharging
RPO312	923	'53047953_/53047960'	3.33	3.33	3.33	0.77	3.33	3.33	3.33 No	0.77	Thermal Discharging
RPO312	924	'2417706_/302329273'	10	10	10	2.31	10	10	10 No	2.31	Thermal Discharging
RPO312	925	'65115420_/65115450'	3.33	3.33	3.33	0.77	2	3.33	3.33 No	0.77	Thermal Discharging
RPO312	926	'370602622_/370602695'	3.33	3.33	3.33	0.77	2	3.33	3.33 No	0.77	Thermal Discharging
RPO312	927	'43146721_/2440894'	10	10	10	2.31	5.9	10	10 No	2.31	Thermal Discharging
RPO312	928	'349319459_/2377077_1'	3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Over-Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RPO312	929	'56122793_/56122831'	3.33	3.33	3.33	0.77	3.33	3.33	3.33	No	0.77 Thermal Discharging
RPO312	930	'2417723_/25453265'	10	10	10	2.31	10	10	10	No	2.31 Thermal Discharging
RPO312	931	'92063891_/92063945'	3.33	3.33	3.33	0.77	1.2	3.33	3.33	No	0.77 Thermal Discharging
RPO312	932	'520631591_/2385773_2'	3.33	3.33	3.33	0.77	0.4	3.33	3.33	No	0.4 Element Fault
RPO312	933	'43138053_/7168372'	10	10	10	2.31	3.7	10	10	No	2.31 Thermal Discharging
RPO312	934	'2381940_/2381937'	3.33	3.33	3.33	0.77	1.2	3.33	3.33	No	0.77 Thermal Discharging
RPO312	935	'53045635_/53045642'	3.33	3.33	3.33	0.77	1.93	3.33	3.33	No	0.77 Thermal Discharging
RPO312	936	'2377095_/302329241'	10	10	10	2.31	10	10	10	No	2.31 Thermal Discharging
RPO312	937	'54087479_/54087517'	3.33	3.33	3.33	0.77	1.3	3.33	3.33	No	0.77 Thermal Discharging
RPO312	938	'91067380_/91067405'	3.33	3.33	3.33	0.77	1.2	3.33	3.33	No	0.77 Thermal Discharging
RPO312	939	'2388098_/2388095_2'	3.33	3.33	3.33	0.77	0.1	3.33	3.33	No	0.1 Element Fault
RPO312	940	'2417774_/302329208'	10	10	10	2.31	10	10	10	No	2.31 Thermal Discharging
RPO312	941	'51204653_/51204660'	3.33	3.33	3.33	0.77	1.9	3.33	3.33	No	0.77 Thermal Discharging
RPO312	942	'349319369_/2377106_1'	3.33	3.33	3.33	0.77	1.2	3.33	3.33	No	0.77 Thermal Discharging
RPO312	943	'2377639_/7156954_1'	6.67	6.67	6.67	1.54	5.6	6.67	6.67	No	1.54 Thermal Discharging
RPO312	944	'2408960_/2408970'	3.33	3.33	3.33	0.77	3.33	3.33	3.33	No	0.77 Thermal Discharging
RPO312	945	'56595333_/55720071'	3.33	3.33	3.33	0.77	1.3	3.33	3.33	No	0.77 Thermal Discharging
RPO312	946	'2417791_/302329182'	10	10	10	2.31	10	10	10	No	2.31 Thermal Discharging
RPO312	947	'65115271_/65115278'	3.33	3.33	3.33	0.77	1.93	3.33	3.33	No	0.77 Thermal Discharging
RPO312	948	'2391251_/2391248_2'	3.33	3.33	3.33	0.77	1.2	3.33	3.33	No	0.77 Thermal Discharging
RPO312	949	'65115396_/65115427'	3.33	3.33	3.33	0.77	2	3.33	3.33	No	0.77 Thermal Discharging
RPO312	950	'54328477_/54328484'	3.33	3.33	3.33	0.77	2.07	3.33	3.33	No	0.77 Thermal Discharging
RPO312	951	'2417808_/302329163'	10	10	10	2.31	10	10	10	No	2.31 Thermal Discharging
RPO312	952	'2382173_/7168389'	10	10	10	2.31	3.7	10	10	No	2.31 Thermal Discharging
RPO312	953	'2382172_/2382183_1'	3.33	3.33	3.33	0.77	0.7	3.33	3.33	No	0.7 Element Fault
RPO312	954	'55538754_/55538799'	3.33	3.33	3.33	0.77	1.3	3.33	3.33	No	0.77 Thermal Discharging
RPO312	955	'38140305_/44088444'	3.33	3.33	3.33	0.77	1.2	3.33	3.33	No	0.77 Thermal Discharging
RPO312	956	'2386962_/43146729'	10	10	10	2.31	5.9	10	10	No	2.31 Thermal Discharging
RPO312	957	'43140613_/302329135'	10	10	10	2.31	10	10	10	No	2.31 Thermal Discharging
RPO312	958	'2385279_/2385276'	3.33	3.33	3.33	0.77	0.7	3.33	3.33	No	0.7 Element Fault
RPO312	959	'2427750_/302329101'	10	10	10	2.31	10	10	10	No	2.31 Thermal Discharging
RPO312	960	'2381956_/2381953'	3.33	3.33	3.33	0.77	1.2	3.33	3.33	No	0.77 Thermal Discharging
RPO312	961	'2388114_/2388111'	3.33	3.33	3.33	0.77	0.1	3.33	3.33	No	0.1 Element Fault
RPO312	962	'370602583_/370602641'	3.33	3.33	3.33	0.77	2	3.33	3.33	No	0.77 Thermal Discharging
RPO312	963	'411976347_/51204722'	3.33	3.33	3.33	0.77	1.9	3.33	3.33	No	0.77 Thermal Discharging
RPO312	964	'36339907_/44085227'	3.33	3.33	3.33	0.77	1.2	3.33	3.33	No	0.77 Thermal Discharging
RPO312	965	'2430293_/302329073'	10	10	10	2.31	10	10	10	No	2.31 Thermal Discharging
RPO312	966	'53318808_/56122800'	3.33	3.33	3.33	0.77	3.33	3.33	3.33	No	0.77 Thermal Discharging
RPO312	967	'2382186_/2382183_2'	3.33	3.33	3.33	0.77	0.7	3.33	3.33	No	0.7 Element Fault
RPO312	968	'7168409_/7168406'	10	10	10	2.31	3.7	10	10	No	2.31 Thermal Discharging
RPO312	969	'2423163_/302329045'	10	10	10	2.31	10	10	10	No	2.31 Thermal Discharging
RPO312	970	'2377109_/2377106_2'	3.33	3.33	3.33	0.77	1.2	3.33	3.33	No	0.77 Thermal Discharging
RPO312	971	'7216571_/7216568_2'	3.33	3.33	3.33	0.77	0.2	3.33	3.33	No	0.2 Element Fault
RPO312	972	'2422980_/302329008'	10	10	10	2.31	10	10	10	No	2.31 Thermal Discharging
RPO312	973	'105374439_/96358220'	3.33	3.33	3.33	0.77	1.2	3.33	3.33	No	0.77 Thermal Discharging
RPO312	974	'2408959_/2408957'	3.33	3.33	3.33	0.77	3.33	3.33	3.33	No	0.77 Thermal Discharging
RPO312	975	'53044423_/53047971'	3.33	3.33	3.33	0.77	3.33	3.33	3.33	No	0.77 Thermal Discharging
RPO312	976	'2422981_/302328974'	10	10	10	2.31	10	10	10	No	2.31 Thermal Discharging
RPO312	977	'2386963_/2386960'	10	10	10	2.31	5.9	10	10	No	2.31 Thermal Discharging
RPO312	978	'263459256_/263459236_1'	3.33	3.33	3.33	0.77	0.7	3.33	3.33	No	0.7 Element Fault
RPO312	979	'54328508_/54328515'	3.33	3.33	3.33	0.77	2.07	3.33	3.33	No	0.77 Thermal Discharging
RPO312	980	'53318777_/53318815'	3.33	3.33	3.33	0.77	3.33	3.33	3.33	No	0.77 Thermal Discharging
RPO312	981	'2431142_/302328937'	10	10	10	2.31	10	10	10	No	2.31 Thermal Discharging
RPO312	982	'7168426_/7168423'	10	10	10	2.31	3.7	10	10	No	2.31 Thermal Discharging
RPO312	983	'2377080_/2377077_2'	3.33	3.33	3.33	0.77	1.2	3.33	3.33	No	0.77 Thermal Discharging
RPO312	984	'2431159_/302328899'	10	10	10	2.31	10	10	10	No	2.31 Thermal Discharging
RPO312	985	'485905796_/485906022'	3.33	3.33	3.33	0.77	1.2	3.33	3.33	No	0.77 Thermal Discharging
RPO312	986	'2422997_/302328860'	10	10	10	2.31	10	10	10	No	2.31 Thermal Discharging
RPO312	987	'258087701_/276016922_1'	3.33	3.33	3.33	0.77	1	3.33	3.33	No	0.77 Thermal Discharging
RPO312	988	'56595305_/56595335'	3.33	3.33	3.33	0.77	1.3	3.33	3.33	No	0.77 Thermal Discharging
RPO312	989	'43138090_/2425077'	3.33	3.33	3.33	0.77	0.7	3.33	3.33	No	0.7 Element Fault
RPO312	990	'65115295_/65115302'	3.33	3.33	3.33	0.77	1.93	3.33	3.33	No	0.77 Thermal Discharging
RPO312	991	'2422998_/302328832'	10	10	10	2.31	10	10	10	No	2.31 Thermal Discharging
RPO312	992	'622513615_/2423012_2'	10	10	10	2.31	10	10	10	No	2.31 Thermal Discharging
RPO312	993	'54046952_/53044429'	3.33	3.33	3.33	0.77	3.33	3.33	3.33	No	0.77 Thermal Discharging
RPO312	994	'55538664_/55538780'	3.33	3.33	3.33	0.77	1.3	3.33	3.33	No	0.77 Thermal Discharging
RPO312	995	'2382160_/276016922_2'	3.33	3.33	3.33	0.77	1	3.33	3.33	No	0.77 Thermal Discharging
RPO312	996	'54087416_/54087486'	3.33	3.33	3.33	0.77	1.3	3.33	3.33	No	0.77 Thermal Discharging
RPO312	997	'2386980_/2386977'	10	10	10	2.31	5.9	10	10	No	2.31 Thermal Discharging
RPO312	998	'91067308_/91067391'	3.33	3.33	3.33	0.77	1.2	3.33	3.33	No	0.77 Thermal Discharging
RPO312	999	'2382451_/7168440'	10	10	10	2.31	3.7	10	10	No	2.31 Thermal Discharging
RPO312	1000	'334036251_/2387048_1'	3.33	3.33	3.33	0.77	0.2	3.33	3.33	No	0.2 Element Fault
RPO312	1001	'9390751_/9702652_1'	3.33	3.33	3.33	0.77	0.2	3.33	3.33	No	0.2 Element Fault
RPO312	1002	'358285236_/358285302'	3.33	3.33	3.33	0.77	1.2	3.33	3.33	No	0.77 Thermal Discharging
RPO312	1003	'2434011_/2434009_1'	3.33	3.33	3.33	0.77	0.4	3.33	3.33	No	0.4 Element Fault
RPO312	1004	'263459217_/263459236_2'	3.33	3.33	3.33	0.77	0.7	3.33	3.33	No	0.7 Element Fault
RPO312	1005	'53047483_/53047540'	3.33	3.33	3.33	0.77	1.93	3.33	3.33	No	0.77 Thermal Discharging
RPO312	1006	'43141902_/2426286'	3.33	3.33	3.33	0.77	3.33	3.33	3.33	No	0.77 Thermal Discharging
RPO312	1007	'2425051_/2425048'	3.33	3.33	3.33	0.77	0.7	3.33	3.33	No	0.7 Element Fault
RPO312	1008	'51204684_/51204691'	3.33	3.33	3.33	0.77	1.9	3.33	3.33	No	0.77 Thermal Discharging
RPO312	1009	'2387051_/2387048_2'	3.33	3.33	3.33	0.77	0.2	3.33	3.33	No	0.2 Element Fault
RPO312	1010	'535228516_/535228478'	10	10	10	2.31	3.7	10	10	No	2.31 Thermal Discharging
RPO312	1011	'2377640_/2377637'	6.67	6.67	6.67	1.54	4.5	6.67	6.67	No	1.54 Thermal Discharging
RPO312	1012	'103185029_/55611737'	3.33	3.33	3.33	0.77	1.3	3.33	3.33	No	0.77 Thermal Discharging
RPO312	1013	'103185094_/103185172'	3.33	3.33	3.33	0.77	1.3	3.33	3.33	No	0.77 Thermal Discharging
RPO312	1014	'370602544_/370602602'	3.33	3.33	3.33	0.77	2	3.33	3.33	No	0.77 Thermal Discharging
RPO312	1015	'38860020_/44091737'	3.33	3.33	3.33	0.77	1.2	3.33	3.33	No	0.77 Thermal Discharging
RPO312	1016	'92063837_/92063902'	3.33	3.33	3.33	0.77	1.2	3.33	3.33	No	0.77 Thermal Discharging
RPO312	1017	'65115372_/65115403'	3.33	3.33	3.33	0.77	2	3.33	3.33	No	0.77 Thermal Discharging
RPO312	1018	'2425067_/2425064'	3.33	3.33	3.33	0.77	0.7	3.33	3.33	No	0.7 Element Fault
RPO312	1019	'2386997_/2386994'	10	10	10	2.31	5.9	10	10	No	2.31 Thermal Discharging
RPO312	1020	'2434012_/2434009_2'	3.33	3.33	3.33	0.77	0.4	3.33	3.33	No	0.4 Element Fault
RPO312	1021	'7502059_/7502056'	3.33	3.33	3.33	0.77	1.2	3.33	3.33	No	0.77 Thermal Discharging
RPO312	1022	'43143264_/43143266'	3.33	3.33	3.33	0.77	0.4	3.33	3.33	No	0.4 Element Fault

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RPO312	1023	'535228549___/535228522'	10	10	10	2.31	3.7	10	10 No	2.31	Thermal Discharging
RPO312	1024	'56595274___/56595312'	3.33	3.33	3.33	0.77	1.3	3.33	3.33 No	0.77	Thermal Discharging
RPO312	1025	'54328539___/54328546'	3.33	3.33	3.33	0.77	2.07	3.33	3.33 No	0.77	Thermal Discharging
RPO312	1026	'54046983___/54046990'	3.33	3.33	3.33	0.77	3.33	3.33	3.33 No	0.77	Thermal Discharging
RPO312	1027	'53318743___/53318784'	3.33	3.33	3.33	0.77	3.33	3.33	3.33 No	0.77	Thermal Discharging
RPO312	1028	'2387067___/2387064'	3.33	3.33	3.33	0.77	0.2	3.33	3.33 No	0.2	Element Fault
RPO312	1029	'55611679___/103185100'	3.33	3.33	3.33	0.77	1.3	3.33	3.33 No	0.77	Thermal Discharging
RPO312	1030	'43141890___/43141892'	3.33	3.33	3.33	0.77	3.33	3.33	3.33 No	0.77	Thermal Discharging
RPO312	1031	'2437819___/535228553'	10	10	10	2.31	3.7	10	10 No	2.31	Thermal Discharging
RPO312	1032	'54087394___/54087418'	3.33	3.33	3.33	0.77	1.3	3.33	3.33 No	0.77	Thermal Discharging
RPO312	1033	'2441865___/2441863_1'	3.33	3.33	3.33	0.77	0.7	3.33	3.33 No	0.7	Element Fault
RPO312	1034	'87585744___/65118087'	3.33	3.33	3.33	0.77	2	3.33	3.33 No	0.77	Thermal Discharging
RPO312	1035	'65115319___/65115326'	3.33	3.33	3.33	0.77	1.93	3.33	3.33 No	0.77	Thermal Discharging
RPO312	1036	'40672834___/44101929'	3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77	Thermal Discharging
RPO312	1037	'2434041___/2434038'	3.33	3.33	3.33	0.77	0.4	3.33	3.33 No	0.4	Element Fault
RPO312	1038	'370602505___/370602563'	3.33	3.33	3.33	0.77	2	3.33	3.33 No	0.77	Thermal Discharging
RPO312	1039	'2387014___/2387011'	10	10	10	2.31	5.9	10	10 No	2.31	Thermal Discharging
RPO312	1040	'56595243___/56595281'	3.33	3.33	3.33	0.77	1.3	3.33	3.33 No	0.77	Thermal Discharging
RPO312	1041	'535228605___/535228582'	10	10	10	2.31	3.7	10	10 No	2.31	Thermal Discharging
RPO312	1042	'54046796___/54047009'	3.33	3.33	3.33	0.77	3.33	3.33	3.33 No	0.77	Thermal Discharging
RPO312	1043	'70026592___/2385289_1'	3.33	3.33	3.33	0.77	0.7	3.33	3.33 No	0.7	Element Fault
RPO312	1044	'54328570___/54328577'	3.33	3.33	3.33	0.77	2.07	3.33	3.33 No	0.77	Thermal Discharging
RPO312	1045	'40978379___/44105342'	3.33	3.33	3.33	0.77	1.3	3.33	3.33 No	0.77	Thermal Discharging
RPO312	1046	'2385292___/2385289_2'	3.33	3.33	3.33	0.77	0.7	3.33	3.33 No	0.7	Element Fault
RPO312	1047	'54087326___/54087391'	3.33	3.33	3.33	0.77	1.3	3.33	3.33 No	0.77	Thermal Discharging
RPO312	1048	'70026591___/70026567'	3.33	3.33	3.33	0.77	0.7	3.33	3.33 No	0.7	Element Fault
RPO312	1049	'358285119___/358285263'	3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77	Thermal Discharging
RPO312	1050	'2441866___/2441863_2'	3.33	3.33	3.33	0.77	0.7	3.33	3.33 No	0.7	Element Fault
RPO312	1051	'70026664___/70026633_1'	3.33	3.33	3.33	0.77	0.1	3.33	3.33 No	0.1	Element Fault
RPO312	1052	'36454181___/54046798'	3.33	3.33	3.33	0.77	3.33	3.33	3.33 No	0.77	Thermal Discharging
RPO312	1053	'383866766___/383866770'	3.33	3.33	3.33	0.77	2	3.33	3.33 No	0.77	Thermal Discharging
RPO312	1054	'52855125___/52855129'	3.33	3.33	3.33	0.77	3.33	3.33	3.33 No	0.77	Thermal Discharging
RPO312	1055	'2425156___/2425179'	3.33	3.33	3.33	0.77	3.33	3.33	3.33 No	0.77	Thermal Discharging
RPO312	1056	'535228630___/535228609'	10	10	10	2.31	3.7	10	10 No	2.31	Thermal Discharging
RPO312	1057	'7502073___/66559364_1'	3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77	Thermal Discharging
RPO312	1058	'2386467___/2387028'	10	10	10	2.31	5.9	10	10 No	2.31	Thermal Discharging
RPO312	1059	'87585799___/87585810'	3.33	3.33	3.33	0.77	2	3.33	3.33 No	0.77	Thermal Discharging
RPO312	1060	'2386484___/2386494_1'	3.33	3.33	3.33	0.77	0.2	3.33	3.33 No	0.2	Element Fault
RPO312	1061	'7179345___/66559364_2'	3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77	Thermal Discharging
RPO312	1062	'358035826___/87585837'	3.33	3.33	3.33	0.77	2	3.33	3.33 No	0.77	Thermal Discharging
RPO312	1063	'92063777___/92063848'	3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77	Thermal Discharging
RPO312	1064	'7179361___/7179374_2'	3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77	Thermal Discharging
RPO312	1065	'87586271___/65116340'	3.33	3.33	3.33	0.77	1.93	3.33	3.33 No	0.77	Thermal Discharging
RPO312	1066	'7815649___/66559495_2'	3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77	Thermal Discharging
RPO312	1067	'65115348___/65115355'	3.33	3.33	3.33	0.77	1.93	3.33	3.33 No	0.77	Thermal Discharging
RPO312	1068	'358035892___/358035950'	3.33	3.33	3.33	0.77	2	3.33	3.33 No	0.77	Thermal Discharging
RPO312	1069	'358035867___/358035889'	3.33	3.33	3.33	0.77	2	3.33	3.33 No	0.77	Thermal Discharging
RPO312	1070	'358035884___/358035881'	3.33	3.33	3.33	0.77	2	3.33	3.33 No	0.77	Thermal Discharging
RPO312	1071	'358035969___/358035865'	3.33	3.33	3.33	0.77	2	3.33	3.33 No	0.77	Thermal Discharging
RPO312	1072	'358035876___/358035873'	3.33	3.33	3.33	0.77	2	3.33	3.33 No	0.77	Thermal Discharging
RPO312	1073	'2386497___/2386494_2'	3.33	3.33	3.33	0.77	0.2	3.33	3.33 No	0.2	Element Fault
RPO312	1074	'358036054___/358036091'	3.33	3.33	3.33	0.77	2	3.33	3.33 No	0.77	Thermal Discharging
RPO312	1075	'9702655___/9702652_2'	3.33	3.33	3.33	0.77	0.2	3.33	3.33 No	0.2	Element Fault
RPO312	1076	'2425169___/2425166'	3.33	3.33	3.33	0.77	3.33	3.33	3.33 No	0.77	Thermal Discharging
RPO312	1077	'2382465___/535228636'	10	10	10	2.31	3.7	10	10 No	2.31	Thermal Discharging
RPO312	1078	'56595212___/56595250'	3.03	3.33	3.33	0.77	1.3	3.33	3.33 No	0.77	Thermal Discharging
RPO312	1079	'535228301___/535228286_2'	10	10	10	2.31	3.7	10	10 No	2.31	Thermal Discharging
RPO312	1080	'383866667___/383866799'	3.33	3.33	3.33	0.77	2	3.33	3.33 No	0.77	Thermal Discharging
RPO312	1081	'2382491___/2382501_1'	3.33	3.33	3.33	0.77	0.7	3.33	3.33 No	0.7	Element Fault
RPO312	1082	'2386450___/2386464'	10	10	10	2.31	5.9	10	10 No	2.31	Thermal Discharging
RPO312	1083	'2441882___/2441879'	3.33	3.33	3.33	0.77	0.7	3.33	3.33 No	0.7	Element Fault
RPO312	1084	'56122582___/52855201'	3.33	3.33	3.33	0.77	3.33	3.33	3.33 No	0.77	Thermal Discharging
RPO312	1085	'54328601___/54328608'	3.33	3.33	3.33	0.77	2.07	3.33	3.33 No	0.77	Thermal Discharging
RPO312	1086	'7221321___/8170813_1'	3.33	3.33	3.33	0.77	0.2	3.33	3.33 No	0.2	Element Fault
RPO312	1087	'36453444___/66559495_1'	3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77	Thermal Discharging
RPO312	1088	'43141879___/2425153'	3.33	3.33	3.33	0.77	3.33	3.33	3.33 No	0.77	Thermal Discharging
RPO312	1089	'70026626___/70026633_2'	3.33	3.33	3.33	0.77	0.1	3.33	3.33 No	0.1	Element Fault
RPO312	1090	'535228268___/535228286_1'	10	10	10	2.31	2.2	10	10 No	2.2	Element Fault
RPO312	1091	'43143275___/43143277'	3.33	3.33	3.33	0.77	0.4	3.33	3.33 No	0.4	Element Fault
RPO312	1092	'56122654___/56122656'	3.33	3.33	3.33	0.77	3.33	3.33	3.33 No	0.77	Thermal Discharging
RPO312	1093	'397396908___/397396912'	3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77	Thermal Discharging
RPO312	1094	'535228204___/2382475'	3.33	3.33	3.33	0.77	1.23	3.33	3.33 No	0.77	Thermal Discharging
RPO312	1095	'2386510___/2386507'	3.33	3.33	3.33	0.77	0.2	3.33	3.33 No	0.2	Element Fault
RPO312	1096	'56122703___/56122729'	3.33	3.33	3.33	0.77	3.33	3.33	3.33 No	0.77	Thermal Discharging
RPO312	1097	'2383302___/7179374_1'	3.33	3.33	3.33	0.77	0.7	3.33	3.33 No	0.7	Element Fault
RPO312	1098	'56122677___/56122710'	3.33	3.33	3.33	0.77	3.33	3.33	3.33 No	0.77	Thermal Discharging
RPO312	1099	'87585826___/358036058'	3.33	3.33	3.33	0.77	2	3.33	3.33 No	0.77	Thermal Discharging
RPO312	1100	'2386433___/2386447'	10	10	10	2.31	5.9	10	10 No	2.31	Thermal Discharging
RPO312	1101	'2382504___/2382501_2'	3.33	3.33	3.33	0.77	0.7	3.33	3.33 No	0.7	Element Fault
RPO312	1102	'383866620___/383866686'	3.33	3.33	3.33	0.77	2	3.33	3.33 No	0.77	Thermal Discharging
RPO312	1103	'54087295___/54087333'	3.33	3.33	3.33	0.77	1.3	3.33	3.33 No	0.77	Thermal Discharging
RPO312	1104	'8137373___/50301810'	3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77	Thermal Discharging
RPO312	1105	'56122611___/56122679'	3.33	3.33	3.33	0.77	3.33	3.33	3.33 No	0.77	Thermal Discharging
RPO312	1106	'54328632___/54328639'	3.33	3.33	3.33	0.77	2.07	3.33	3.33 No	0.77	Thermal Discharging
RPO312	1107	'87586243___/87586282'	3.33	3.33	3.33	0.77	1.93	3.33	3.33 No	0.77	Thermal Discharging
RPO312	1108	'40984743___/44086351'	3.33	3.33	3.33	0.77	3.33	3.33	3.33 No	0.77	Thermal Discharging
RPO312	1109	'43141868___/2425140'	3.33	3.33	3.33	0.77	3.33	3.33	3.33 No	0.77	Thermal Discharging
RPO312	1110	'56595181___/56595219'	2.77	3.33	3.33	0.77	1.3	3.33	3.33 No	0.77	Thermal Discharging
RPO312	1111	'34548017___/44081366'	3.33	3.33	3.33	0.77	1.3	3.33	3.33 No	0.77	Thermal Discharging
RPO312	1112	'2386523___/2386520'	3.33	3.33	3.33	0.77	0.2	3.33	3.33 No	0.2	Element Fault
RPO312	1113	'54328660___/54328662'	3.33	3.33	3.33	0.77	2.07	3.33	3.33 No	0.77	Thermal Discharging
RPO312	1114	'92063723___/92063788'	3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77	Thermal Discharging
RPO312	1115	'2383303___/2383300'	3.33	3.33	3.33	0.77	0.7	3.33	3.33 No	0.7	Element Fault
RPO312	1116	'358036137___/358036156'	3.23	3.33	3.33	0.77	2	3.33	3.33 No	0.77	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RPO312	1117	'397396737___/397396936'	3.23	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77	Thermal Discharging
RPO312	1118	'52855160___/44106691'	3.33	3.33	3.33	0.77	3.33	3.33	3.33 No	0.77	Thermal Discharging
RPO312	1119	'2381493___/2425127'	3.33	3.33	3.33	0.77	3.33	3.33	3.33 No	0.77	Thermal Discharging
RPO312	1120	'2385305___/2385302'	3.33	3.33	3.33	0.77	0.7	3.33	3.33 No	0.7	Element Fault
RPO312	1121	'383866565___/383866639'	3.13	3.33	3.33	0.77	2	3.33	3.33 No	0.77	Thermal Discharging
RPO312	1122	'2386539___/2386536'	3.33	3.33	3.33	0.77	0.2	3.33	3.33 No	0.2	Element Fault
RPO312	1123	'65118068___/87585750'	3.17	3.33	3.33	0.77	2	3.33	3.33 No	0.77	Thermal Discharging
RPO312	1124	'8170816___/8170813_2'	3.33	3.33	3.33	0.77	0.2	3.33	3.33 No	0.2	Element Fault
RPO312	1125	'389397189___/544433033'	3.13	3.33	3.33	0.77	2	3.33	3.33 No	0.77	Thermal Discharging
RPO312	1126	'52855225___/56122613'	3.33	3.33	3.33	0.77	3.33	3.33	3.33 No	0.77	Thermal Discharging
RPO312	1127	'2386416___/2386430'	10	10	10	2.31	5.9	10	10 No	2.31	Thermal Discharging
RPO312	1128	'2382517___/2382514'	3.33	3.33	3.33	0.77	0.7	3.33	3.33 No	0.7	Element Fault
RPO312	1129	'8137374___/8137371'	3.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77	Thermal Discharging
RPO312	1130	'87586208___/87586254'	2.97	3.33	3.33	0.77	1.93	3.33	3.33 No	0.77	Thermal Discharging
RPO312	1131	'7636478___/92063729'	3.27	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77	Thermal Discharging
RPO312	1132	'43141857___/2381490'	3.33	3.33	3.33	0.77	3.33	3.33	3.33 No	0.77	Thermal Discharging
RPO312	1133	'54087254___/54087302'	3.17	3.33	3.33	0.77	1.3	3.33	3.33 No	0.77	Thermal Discharging
RPO312	1134	'8413612___/53649259'	3.33	3.33	3.33	0.77	1.3	3.33	3.33 No	0.77	Thermal Discharging
RPO312	1135	'56595150___/56595188'	2.53	3.33	3.33	0.77	1.3	3.33	3.33 No	0.77	Thermal Discharging
RPO312	1136	'52855442___/52855468'	3.33	3.33	3.33	0.77	3.33	3.33	3.33 No	0.77	Thermal Discharging
RPO312	1137	'358036206___/358036225'	3	3.33	3.33	0.77	2	3.33	3.33 No	0.77	Thermal Discharging
RPO312	1138	'2407966___/43142566'	3.33	3.33	3.33	0.77	1.97	3.33	3.33 No	0.77	Thermal Discharging
RPO312	1139	'43141845___/43141847'	3.33	3.33	3.33	0.77	3.33	3.33	3.33 No	0.77	Thermal Discharging
RPO312	1140	'2381479___/7536836_3'	3.33	3.33	3.33	0.77	3.33	3.33	3.33 No	0.77	Thermal Discharging
RPO312	1141	'397396683___/397396756'	2.9	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77	Thermal Discharging
RPO312	1142	'52855256___/52855263'	3.3	3.33	3.33	0.77	3.33	3.33	3.33 No	0.77	Thermal Discharging
RPO312	1143	'2386399___/2386413'	10	10	10	2.31	5.9	10	10 No	2.31	Thermal Discharging
RPO312	1144	'9213418___/9695070'	3.33	3.33	3.33	0.77	1.3	3.33	3.33 No	0.77	Thermal Discharging
RPO312	1145	'56595045___/56595157'	2.37	3.33	3.33	0.77	1.3	3.33	3.33 No	0.77	Thermal Discharging
RPO312	1146	'43143286___/43143288'	3.33	3.33	3.33	0.77	0.4	3.33	3.33 No	0.4	Element Fault
RPO312	1147	'52855411___/52855449'	3.3	3.33	3.33	0.77	3.33	3.33	3.33 No	0.77	Thermal Discharging
RPO312	1148	'54087226___/54087261'	2.87	3.33	3.33	0.77	1.3	3.33	3.33 No	0.77	Thermal Discharging
RPO312	1149	'358036245___/358036264'	2.77	3.33	3.33	0.77	2	3.33	3.33 No	0.77	Thermal Discharging
RPO312	1150	'2386382___/2386396'	10	10	10	2.31	5.9	10	10 No	2.31	Thermal Discharging
RPO312	1151	'2386552___/2386549'	3.33	3.33	3.33	0.77	1.97	3.33	3.33 No	0.77	Thermal Discharging
RPO312	1152	'8269924___/8269922'	2.83	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77	Thermal Discharging
RPO312	1153	'2386365___/2386379'	10	10	10	2.31	5.9	10	10 No	2.31	Thermal Discharging
RPO312	1154	'7536839___/7536836_2'	3.33	3.33	3.33	0.77	0.7	3.33	3.33 No	0.7	Element Fault
RPO312	1155	'2385318___/2385315'	2.63	3.33	3.33	0.77	0.7	3.33	3.33 No	0.7	Element Fault
RPO312	1156	'2381360___/7536836_1'	3.33	3.33	3.33	0.77	0.7	3.33	3.33 No	0.7	Element Fault
RPO312	1157	'2386096___/2386362'	10	10	10	2.31	5.9	10	10 No	2.31	Thermal Discharging
RPO312	1158	'383866530___/383866584'	2.57	3.33	3.33	0.77	2	3.33	3.33 No	0.77	Thermal Discharging
RPO312	1159	'52855380___/52855418'	3.03	3.33	3.33	0.77	3.33	3.33	3.33 No	0.77	Thermal Discharging
RPO312	1160	'52855287___/52855294'	2.9	3.33	3.33	0.77	3.33	3.33	3.33 No	0.77	Thermal Discharging
RPO312	1161	'44081420___/9695262'	2.4	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77	Thermal Discharging
RPO312	1162	'2386583___/2386581_2'	3.33	3.33	3.33	0.77	1.97	3.33	3.33 No	0.77	Thermal Discharging
RPO312	1163	'358036299___/358036318'	2.6	3.33	3.33	0.77	2	3.33	3.33 No	0.77	Thermal Discharging
RPO312	1164	'34548089___/44081417'	2.37	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77	Thermal Discharging
RPO312	1165	'2426755___/2386581_1'	3.33	3.33	3.33	0.77	1.5	3.33	3.33 No	0.77	Thermal Discharging
RPO312	1166	'2392478___/2392475_1'	3.33	3.33	3.33	0.77	1.5	3.33	3.33 No	0.77	Thermal Discharging
RPO312	1167	'2426781___/2392475_2'	3.33	3.33	3.33	0.77	1.5	3.33	3.33 No	0.77	Thermal Discharging
RPO312	1168	'2386097___/2386094'	10	10	10	2.31	5.9	10	10 No	2.31	Thermal Discharging
RPO312	1169	'370602451___/370602524'	2.5	3.33	3.33	0.77	2	3.33	3.33 No	0.77	Thermal Discharging
RPO312	1170	'397396629___/397396702'	2.47	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77	Thermal Discharging
RPO312	1171	'106922735___/106922746'	2.33	3.33	3.33	0.77	1.93	3.33	3.33 No	0.77	Thermal Discharging
RPO312	1172	'7636074___/9213416'	2.87	3.33	3.33	0.77	1.3	3.33	3.33 No	0.77	Thermal Discharging
RPO312	1173	'52855349___/52855387'	2.87	3.33	3.33	0.77	3.33	3.33	3.33 No	0.77	Thermal Discharging
RPO312	1174	'7800440___/9696524'	2.33	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77	Thermal Discharging
RPO312	1175	'54148742___/54087228'	2.43	3.33	3.33	0.77	1.3	3.33	3.33 No	0.77	Thermal Discharging
RPO312	1176	'2385854___/2385864'	3.33	3.33	3.33	0.77	0.4	3.33	3.33 No	0.4	Element Fault
RPO312	1177	'53758337___/64602749'	2.03	3.33	3.33	0.77	1.3	3.33	3.33 No	0.77	Thermal Discharging
RPO312	1178	'2386114___/2386111'	10	10	10	2.31	5.9	10	10 No	2.31	Thermal Discharging
RPO312	1179	'53758311___/53758344'	2.03	3.33	3.33	0.77	1.3	3.33	3.33 No	0.77	Thermal Discharging
RPO312	1180	'354361986___/354361990'	2.77	3.33	3.33	0.77	3.33	3.33	3.33 No	0.77	Thermal Discharging
RPO312	1181	'358036353___/358036372'	2.4	3.33	3.33	0.77	2	3.33	3.33 No	0.77	Thermal Discharging
RPO312	1182	'54148929___/54148955'	2.37	3.33	3.33	0.77	1.3	3.33	3.33 No	0.77	Thermal Discharging
RPO312	1183	'354361932___/354362021'	2.7	3.33	3.33	0.77	3.33	3.33	3.33 No	0.77	Thermal Discharging
RPO312	1184	'8270023___/8900428'	2.43	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77	Thermal Discharging
RPO312	1185	'7636075___/7636072'	2.7	3.33	3.33	0.77	1.3	3.33	3.33 No	0.77	Thermal Discharging
RPO312	1186	'2386131___/2386128'	10	10	10	2.31	5.9	10	10 No	2.31	Thermal Discharging
RPO312	1187	'434869071___/434869079'	2.3	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77	Thermal Discharging
RPO312	1188	'434869009___/434869108'	2.3	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77	Thermal Discharging
RPO312	1189	'434869052___/434869132'	2.3	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77	Thermal Discharging
RPO312	1190	'2381373___/2381370'	3.33	3.33	3.33	0.77	0.7	3.33	3.33 No	0.7	Element Fault
RPO312	1191	'354361893___/354361951'	2.63	3.33	3.33	0.77	3.33	3.33	3.33 No	0.77	Thermal Discharging
RPO312	1192	'2381359___/2381357'	3.33	3.33	3.33	0.77	0.7	3.33	3.33 No	0.7	Element Fault
RPO312	1193	'54847997___/53758313'	1.93	3.33	3.33	0.77	1.3	3.33	3.33 No	0.77	Thermal Discharging
RPO312	1194	'106922769___/106922780'	2.13	3.33	3.33	0.77	1.93	3.33	3.33 No	0.77	Thermal Discharging
RPO312	1195	'7800439___/7800437'	2.1	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77	Thermal Discharging
RPO312	1196	'43143209___/2385328'	2.13	3.33	3.33	0.77	0.7	3.33	3.33 No	0.7	Element Fault
RPO312	1197	'36339951___/44085253'	2.07	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77	Thermal Discharging
RPO312	1198	'2386148___/2386145'	10	10	10	2.31	5.9	10	10 No	2.31	Thermal Discharging
RPO312	1199	'54847969___/54847999'	1.87	3.33	3.33	0.77	1.3	3.33	3.33 No	0.77	Thermal Discharging
RPO312	1200	'7954493___/7954490'	2.5	3.33	3.33	0.77	1.3	3.33	3.33 No	0.77	Thermal Discharging
RPO312	1201	'397396590___/397396648'	2.17	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77	Thermal Discharging
RPO312	1202	'354361854___/354361912'	2.5	3.33	3.33	0.77	3.33	3.33	3.33 No	0.77	Thermal Discharging
RPO312	1203	'358036409___/358036428'	2.17	3.33	3.33	0.77	2	3.33	3.33 No	0.77	Thermal Discharging
RPO312	1204	'2385357___/43143211'	2.07	3.33	3.33	0.77	0.7	3.33	3.33 No	0.7	Element Fault
RPO312	1205	'8270022___/8270020'	2.23	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77	Thermal Discharging
RPO312	1206	'43142516___/2386162'	9.8	10	10	2.31	5.9	10	10 No	2.31	Thermal Discharging
RPO312	1207	'54148898___/54148936'	2.1	3.33	3.33	0.77	1.3	3.33	3.33 No	0.77	Thermal Discharging
RPO312	1208	'370602412___/370602470'	2.1	3.33	3.33	0.77	2	3.33	3.33 No	0.77	Thermal Discharging
RPO312	1209	'54447985___/54847976'	1.8	3.33	3.33	0.77	1.3	3.33	3.33 No	0.77	Thermal Discharging
RPO312	1210	'51370711___/2385484'	2.03	3.33	3.33	0.77	0.7	3.33	3.33 No	0.7	Element Fault

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Over-Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RPO312	1211	'638204079_/_529152247_1'		2.03	3.33	3.33	0.77	0.1	3.33	3.33 No	0.1 Element Fault
RPO312	1212	'2385841_/_2385851'		2.7	3.33	3.33	0.77	0.4	3.33	3.33 No	0.4 Element Fault
RPO312	1213	'354361800_/_354361873'		2.4	3.33	3.33	0.77	3.33	3.33	3.33 No	0.77 Thermal Discharging
RPO312	1214	'43143198_/_2385367'		2	3.33	3.33	0.77	0.7	3.33	3.33 No	0.7 Element Fault
RPO312	1215	'2386182_/_43142518'		9.2	10	10	2.31	5.9	10	10 No	2.31 Thermal Discharging
RPO312	1216	'2386284_/_2391795_1'		3.07	3.33	3.33	0.77	0.2	3.33	3.33 No	0.2 Element Fault
RPO312	1217	'9213878_/_9213876'		2.13	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77 Thermal Discharging
RPO312	1218	'8122230_/_77833261'		1.9	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77 Thermal Discharging
RPO312	1219	'397396546_/_397396609'		2.03	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77 Thermal Discharging
RPO312	1220	'54447957_/_54447987'		1.73	3.33	3.33	0.77	1.3	3.33	3.33 No	0.77 Thermal Discharging
RPO312	1221	'400066818_/_358036475'		1.57	3.33	3.33	0.77	2	3.33	3.33 No	0.77 Thermal Discharging
RPO312	1222	'54148805_/_54148905'		1.97	3.33	3.33	0.77	1.3	3.33	3.33 No	0.77 Thermal Discharging
RPO312	1223	'8899829_/_8899878'		2.27	3.33	3.33	0.77	1.3	3.33	3.33 No	0.77 Thermal Discharging
RPO312	1224	'2386199_/_2386196'		8.7	10	10	2.31	5.9	10	10 No	2.31 Thermal Discharging
RPO312	1225	'106922803_/_106922814'		1.87	3.33	3.33	0.77	1.93	3.33	3.33 No	0.77 Thermal Discharging
RPO312	1226	'2386323_/_2386320_2'		2.9	3.33	3.33	0.77	1.97	3.33	3.33 No	0.77 Thermal Discharging
RPO312	1227	'2385383_/_43143200'		1.93	3.33	3.33	0.77	0.7	3.33	3.33 No	0.7 Element Fault
RPO312	1228	'354361761_/_354361819'		2.27	3.33	3.33	0.77	3.33	3.33	3.33 No	0.77 Thermal Discharging
RPO312	1229	'9213387_/_9213400'		1.83	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77 Thermal Discharging
RPO312	1230	'2386216_/_2386213'		8.5	10	10	2.31	5.9	10	10 No	2.31 Thermal Discharging
RPO312	1231	'7221369_/_529152247_2'		1.9	3.33	3.33	0.77	0.1	3.33	3.33 No	0.1 Element Fault
RPO312	1232	'397396509_/_397396570'		1.93	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77 Thermal Discharging
RPO312	1233	'53757493_/_53757519'		1.67	3.33	3.33	0.77	1.3	3.33	3.33 No	0.77 Thermal Discharging
RPO312	1234	'2388856_/_2391795_2'		2.8	3.33	3.33	0.77	0.2	3.33	3.33 No	0.2 Element Fault
RPO312	1235	'2386296_/_2386320_1'		2.83	3.33	3.33	0.77	0.2	3.33	3.33 No	0.2 Element Fault
RPO312	1236	'370602373_/_370602431'		1.93	3.33	3.33	0.77	2	3.33	3.33 No	0.77 Thermal Discharging
RPO312	1237	'135168077_/_135168025_1'		2.8	3.33	3.33	0.77	0.1	3.33	3.33 No	0.1 Element Fault
RPO312	1238	'54148774_/_54148812'		1.87	3.33	3.33	0.77	1.3	3.33	3.33 No	0.77 Thermal Discharging
RPO312	1239	'2386233_/_2386230'		8.1	10	10	2.31	5.9	10	10 No	2.31 Thermal Discharging
RPO312	1240	'7320514_/_8899826'		2.17	3.33	3.33	0.77	1.3	3.33	3.33 No	0.77 Thermal Discharging
RPO312	1241	'2385396_/_2385393'		1.83	3.33	3.33	0.77	0.7	3.33	3.33 No	0.7 Element Fault
RPO312	1242	'2385828_/_2385838'		2.27	3.33	3.33	0.77	0.4	3.33	3.33 No	0.4 Element Fault
RPO312	1243	'2386250_/_2386247'		7.8	10	10	2.31	5.9	10	10 No	2.31 Thermal Discharging
RPO312	1244	'53757462_/_53757500'		1.6	3.33	3.33	0.77	1.3	3.33	3.33 No	0.77 Thermal Discharging
RPO312	1245	'2386297_/_2386294'		2.67	3.33	3.33	0.77	0.2	3.33	3.33 No	0.2 Element Fault
RPO312	1246	'7321054_/_9383194'		1.7	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77 Thermal Discharging
RPO312	1247	'43143463_/_2391808'		2.6	3.33	3.33	0.77	1.97	3.33	3.33 No	0.77 Thermal Discharging
RPO312	1248	'370602315_/_370602392'		1.83	3.33	3.33	0.77	2	3.33	3.33 No	0.77 Thermal Discharging
RPO312	1249	'54148707_/_54148781'		1.77	3.33	3.33	0.77	1.3	3.33	3.33 No	0.77 Thermal Discharging
RPO312	1250	'2385409_/_2385406'		1.77	3.33	3.33	0.77	0.7	3.33	3.33 No	0.7 Element Fault
RPO312	1251	'8269392_/_9213384'		1.7	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77 Thermal Discharging
RPO312	1252	'2386267_/_2386264'		7.5	10	10	2.31	5.9	10	10 No	2.31 Thermal Discharging
RPO312	1253	'2388857_/_2388854'		2.53	3.33	3.33	0.77	0.2	3.33	3.33 No	0.2 Element Fault
RPO312	1254	'52750047_/_54148709'		1.77	3.33	3.33	0.77	1.3	3.33	3.33 No	0.77 Thermal Discharging
RPO312	1255	'2386310_/_2386307'		2.6	3.33	3.33	0.77	0.2	3.33	3.33 No	0.2 Element Fault
RPO312	1256	'7320513_/_7320511'		2.03	3.33	3.33	0.77	1.3	3.33	3.33 No	0.77 Thermal Discharging
RPO312	1257	'69653610_/_544432844'		2.03	3.33	3.33	0.77	1.3	3.33	3.33 No	0.77 Thermal Discharging
RPO312	1258	'354361709_/_354361780'		2.03	3.33	3.33	0.77	3.33	3.33	3.33 No	0.77 Thermal Discharging
RPO312	1259	'369968337_/_370602351'		1.8	3.33	3.33	0.77	2	3.33	3.33 No	0.77 Thermal Discharging
RPO312	1260	'135168007_/_135168025_2'		2.5	3.33	3.33	0.77	0.1	3.33	3.33 No	0.1 Element Fault
RPO312	1261	'53757431_/_53757469'		1.53	3.33	3.33	0.77	1.3	3.33	3.33 No	0.77 Thermal Discharging
RPO312	1262	'345310307_/_345310088'		2.03	3.33	3.33	0.77	3.33	3.33	3.33 No	0.77 Thermal Discharging
RPO312	1263	'2391811_/_43143465'		2.43	3.33	3.33	0.77	1.97	3.33	3.33 No	0.77 Thermal Discharging
RPO312	1264	'65852835_/_2385419'		1.7	3.33	3.33	0.77	0.7	3.33	3.33 No	0.7 Element Fault
RPO312	1265	'106922838_/_106922849'		1.63	3.33	3.33	0.77	1.93	3.33	3.33 No	0.77 Thermal Discharging
RPO312	1266	'389397177_/_106922883_2'		1.63	3.33	3.33	0.77	1.93	3.33	3.33 No	0.77 Thermal Discharging
RPO312	1267	'358285162_/_358285138'		1.73	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77 Thermal Discharging
RPO312	1268	'65852834_/_65852808'		1.7	3.33	3.33	0.77	0.7	3.33	3.33 No	0.7 Element Fault
RPO312	1269	'68570982_/_65852876_1'		1.67	3.33	3.33	0.77	0.1	3.33	3.33 No	0.1 Element Fault
RPO312	1270	'369968283_/_369968356'		1.73	3.33	3.33	0.77	2	3.33	3.33 No	0.77 Thermal Discharging
RPO312	1271	'345310199_/_345310326'		1.97	3.33	3.33	0.77	3.33	3.33	3.33 No	0.77 Thermal Discharging
RPO312	1272	'369968229_/_369968302'		1.7	3.33	3.33	0.77	2	3.33	3.33 No	0.77 Thermal Discharging
RPO312	1273	'52749630_/_52750082'		1.63	3.33	3.33	0.77	1.3	3.33	3.33 No	0.77 Thermal Discharging
RPO312	1274	'7321053_/_7321051'		1.57	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77 Thermal Discharging
RPO312	1275	'2385435_/_2385432'		1.67	3.33	3.33	0.77	0.7	3.33	3.33 No	0.7 Element Fault
RPO312	1276	'110217425_/_544433867'		1.57	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77 Thermal Discharging
RPO312	1277	'53757400_/_53757438'		1.47	3.33	3.33	0.77	1.3	3.33	3.33 No	0.77 Thermal Discharging
RPO312	1278	'357546483_/_349534397'		1.9	3.33	3.33	0.77	3.33	3.33	3.33 No	0.77 Thermal Discharging
RPO312	1279	'43143187_/_2385445'		1.63	3.33	3.33	0.77	0.7	3.33	3.33 No	0.7 Element Fault
RPO312	1280	'52749661_/_52749668'		1.57	3.33	3.33	0.77	1.3	3.33	3.33 No	0.77 Thermal Discharging
RPO312	1281	'427193202_/_427193199'		1.6	3.33	3.33	0.77	0.7	3.33	3.33 No	0.7 Element Fault
RPO312	1282	'358036510_/_369968248'		1.63	3.33	3.33	0.77	2	3.33	3.33 No	0.77 Thermal Discharging
RPO312	1283	'52855318_/_52855356'		1.83	3.33	3.33	0.77	3.33	3.33	3.33 No	0.77 Thermal Discharging
RPO312	1284	'7954393_/_8269389'		1.47	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77 Thermal Discharging
RPO312	1285	'53757369_/_53757407'		1.37	3.33	3.33	0.77	1.3	3.33	3.33 No	0.77 Thermal Discharging
RPO312	1286	'52855498_/_52855325'		1.77	3.33	3.33	0.77	3.33	3.33	3.33 No	0.77 Thermal Discharging
RPO312	1287	'74901829_/_52750026'		1.5	3.33	3.33	0.77	2.07	3.33	3.33 No	0.77 Thermal Discharging
RPO312	1288	'358036456_/_358036529'		1.57	3.33	3.33	0.77	2	3.33	3.33 No	0.77 Thermal Discharging
RPO312	1289	'482906278_/_2391746'		5.8	10	10	2.31	5.9	10	10 No	2.31 Thermal Discharging
RPO312	1290	'53757337_/_53757376'		1.33	3.33	3.33	0.77	1.3	3.33	3.33 No	0.77 Thermal Discharging
RPO312	1291	'54447926_/_54447964'		1.27	3.33	3.33	0.77	1.3	3.33	3.33 No	0.77 Thermal Discharging
RPO312	1292	'53757049_/_53757051'		1.27	3.33	3.33	0.77	1.3	3.33	3.33 No	0.77 Thermal Discharging
RPO312	1293	'65852869_/_65852876_2'		1.37	3.33	3.33	0.77	0.1	3.33	3.33 No	0.1 Element Fault
RPO312	1294	'53757021_/_53757076'		1.23	3.33	3.33	0.77	1.3	3.33	3.33 No	0.77 Thermal Discharging
RPO312	1295	'7954392_/_7954390'		1.3	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77 Thermal Discharging
RPO312	1296	'53756990_/_53757028'		1.17	3.33	3.33	0.77	1.3	3.33	3.33 No	0.77 Thermal Discharging
RPO312	1297	'7954508_/_7954506'		1.2	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77 Thermal Discharging
RPO312	1298	'53756959_/_53756997'		1.13	3.33	3.33	0.77	1.3	3.33	3.33 No	0.77 Thermal Discharging
RPO312	1299	'7954810_/_8269542'		1.17	3.33	3.33	0.77	1.2	3.33	3.33 No	0.77 Thermal Discharging
RPO312	1300	'53756928_/_53756966'		1.1	3.33	3.33	0.77	1.3	3.33	3.33 No	0.77 Thermal Discharging
RPO312	1301	'53756897_/_53756935'		1.07	3.33	3.33	0.77	1.3	3.33	3.33 No	0.77 Thermal Discharging
RPO312	1302	'53756866_/_53756904'		1	3.33	3.33	0.77	1.3	3.33	3.33 No	0.77 Thermal Discharging
RPO312	1303	'53756835_/_53756873'		1	3.33	3.33	0.77	1.3	3.33	3.33 No	0.77 Thermal Discharging
RPO312	1304	'54556114_/_53756842'		0.97	3.33	3.33	0.77	1.3	3.33	3.33 No	0.77 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
											VSR (MW)	Limiting Threshold
RPO312	1305	'2426690_/482906288_2'		2.03	3.33	3.33	0.77	1.5	3.33	3.33 No	0.77	Thermal Discharging
RPO312	1306	'2391749_/482906288_1'		2.03	3.33	3.33	0.77	1.5	3.33	3.33 No	0.77	Thermal Discharging
RPO312	1307	'482906306_/482906333_2'		2.13	3.33	3.33	0.77	1.6	3.33	3.33 No	0.77	Thermal Discharging
RPO312	1308	'482906361_/482906333_1'		2.13	3.33	3.33	0.77	1.6	3.33	3.33 No	0.77	Thermal Discharging
RPO312	1309	'4446627_/726661357_3'		3.33	3.33	3.33	0.77	1.1	3.33	3.33 No	0.77	Thermal Discharging
RPO312	1310	'746780733_/7081920_1'		3.33	3.33	3.33	0.77	0.5	3.33	3.33 No	0.5	Element Fault
RPO312	1311	'4466748_/7081920_2'		3.33	3.33	3.33	0.77	0.5	3.33	3.33 No	0.5	Element Fault
RPO312	1312	'638354364_/638354370'		3.33	3.33	3.33	0.77	0.4	3.33	3.33 No	0.4	Element Fault
RPO312	1313	'625925021_/625924925_2'		3.33	3.33	3.33	0.77	0.4	3.33	3.33 No	0.4	Element Fault
RPO312	1314	'7537619_/8171207_1'		3.33	3.33	3.33	0.77	0.4	3.33	3.33 No	0.4	Element Fault
RPO312	1315	'625924554_/625924925_1'		3.33	3.33	3.33	0.77	0.4	3.33	3.33 No	0.4	Element Fault
RPO312	1316	'2388334_/625924956_1'		3.33	3.33	3.33	0.77	0.4	3.33	3.33 No	0.4	Element Fault
RPO312	1317	'4466749_/4466746'		3.33	3.33	3.33	0.77	0.5	3.33	3.33 No	0.5	Element Fault
RPO312	1318	'625924959_/625924956_2'		3.33	3.33	3.33	0.77	0.4	3.33	3.33 No	0.4	Element Fault
RPO312	1319	'4466765_/4466762'		3.33	3.33	3.33	0.77	0.5	3.33	3.33 No	0.5	Element Fault
RPO312	1320	'2422216_/2422213_2'		3.33	3.33	3.33	0.77	0.5	3.33	3.33 No	0.5	Element Fault
RPO312	1321	'2388348_/625924972'		3.33	3.33	3.33	0.77	0.4	3.33	3.33 No	0.4	Element Fault
RPO312	1322	'2421989_/2421986_2'		3.33	3.33	3.33	0.77	0.4	3.33	3.33 No	0.4	Element Fault
RPO312	1323	'43147842_/2422213_1'		3.33	3.33	3.33	0.77	0.5	3.33	3.33 No	0.5	Element Fault
RPO312	1324	'2388361_/625924986_1'		3.33	3.33	3.33	0.77	0.4	3.33	3.33 No	0.4	Element Fault
RPO312	1325	'43519314_/4466778'		3.33	3.33	3.33	0.77	0.5	3.33	3.33 No	0.5	Element Fault
RPO312	1326	'43143352_/625924986_2'		3.33	3.33	3.33	0.77	0.4	3.33	3.33 No	0.4	Element Fault
RPO312	1327	'7847504_/8171207_2'		3.33	3.33	3.33	0.77	0.4	3.33	3.33 No	0.4	Element Fault
RPO312	1328	'625925406_/625925404'		3.33	3.33	3.33	0.77	0.4	3.33	3.33 No	0.4	Element Fault
RPO312	1329	'2422190_/2422200'		3.33	3.33	3.33	0.77	0.5	3.33	3.33 No	0.5	Element Fault
RPO312	1330	'7537804_/7848306_2'		3.33	3.33	3.33	0.77	0.5	3.33	3.33 No	0.5	Element Fault
RPO312	1331	'2388374_/625925536_1'		3.33	3.33	3.33	0.77	0.4	3.33	3.33 No	0.4	Element Fault
RPO312	1332	'119034009_/119034014'		3.33	3.33	3.33	0.77	0.4	3.33	3.33 No	0.4	Element Fault
RPO312	1333	'4466735_/4466733'		1.27	3.33	3.33	0.77	0.5	3.33	3.33 No	0.5	Element Fault
RPO312	1334	'625925487_/625925536_2'		3.33	3.33	3.33	0.77	0.4	3.33	3.33 No	0.4	Element Fault
RPO312	1335	'625925512_/625925484_3'		3.33	3.33	3.33	0.77	0.4	3.33	3.33 No	0.4	Element Fault
RPO312	1336	'2388387_/625925484_2'		3.33	3.33	3.33	0.77	0.4	3.33	3.33 No	0.4	Element Fault
RPO312	1337	'625925465_/625925484_1'		3.33	3.33	3.33	0.77	0.4	3.33	3.33 No	0.4	Element Fault
RPO312	1338	'50593674_/4472284'		1.1	3.33	3.33	0.77	0.5	3.33	3.33 No	0.5	Element Fault
RPO312	1339	'649908761_/482906314_1'		3.33	3.33	3.33	0.77	0.4	3.33	3.33 No	0.4	Element Fault
RPO312	1340	'482906284_/482906314_2'		3.33	3.33	3.33	0.77	0.4	3.33	3.33 No	0.4	Element Fault
RPO312	1341	'482906384_/482906342_1'		3.33	3.33	3.33	0.77	0.5	3.33	3.33 No	0.5	Element Fault
RPO312	1342	'2422177_/2422187'		3.33	3.33	3.33	0.77	0.5	3.33	3.33 No	0.5	Element Fault
RPO312	1343	'2388400_/625925462_2'		3.33	3.33	3.33	0.77	0.4	3.33	3.33 No	0.4	Element Fault
RPO312	1344	'7848309_/7848306_1'		3.33	3.33	3.33	0.77	0.3	3.33	3.33 No	0.3	Element Fault
RPO312	1345	'2421988_/2421986_1'		1.17	3.33	3.33	0.77	0.4	3.33	3.33 No	0.4	Element Fault
RPO312	1346	'119034050_/119034075'		0.87	3.33	3.33	0.77	0.4	3.33	3.33 No	0.4	Element Fault
RPO312	1347	'625925431_/625925462_1'		3.33	3.33	3.33	0.77	0.4	3.33	3.33 No	0.4	Element Fault
RPO312	1348	'2422164_/2422174'		3.33	3.33	3.33	0.77	0.5	3.33	3.33 No	0.5	Element Fault
RPO312	1349	'4472312_/50593676'		0.87	3.33	3.33	0.77	0.5	3.33	3.33 No	0.5	Element Fault
RPO312	1350	'2388413_/625925428_2'		1.07	3.33	3.33	0.77	0.4	3.33	3.33 No	0.4	Element Fault
RPO312	1351	'4472313_/4472310'		0.87	3.33	3.33	0.77	0.5	3.33	3.33 No	0.5	Element Fault
RPO312	1352	'43143363_/625925428_1'		1.03	3.33	3.33	0.77	0.4	3.33	3.33 No	0.4	Element Fault
RPO312	1353	'625925614_/625925612_2'		1.03	3.33	3.33	0.77	0.4	3.33	3.33 No	0.4	Element Fault
RPO312	1354	'258087677_/2382157_2'		3.33	1.07	3.33	0.77	0.2	2.26	3.33 No	0.2	Element Fault
RPO312	1355	'43140792_/2377746'		3.33	3.33	3.33	0.77	0.3	3.33	3.33 No	0.3	Element Fault
RPO312	1356	'4472244_/4472346'		0.8	3.33	3.33	0.77	0.5	3.33	3.33 No	0.5	Element Fault
RPO312	1357	'119033975_/119034061'		0.67	3.33	3.33	0.77	0.4	3.33	3.33 No	0.4	Element Fault
RPO312	1358	'2422151_/2422161'		1.4	3.33	3.33	0.77	0.5	3.33	3.33 No	0.5	Element Fault
RPO312	1359	'569712029_/520699435_1'		1.33	3.33	3.33	0.77	0.3	3.33	3.33 No	0.3	Element Fault
RPO312	1360	'7222218_/7847502'		0.67	3.33	3.33	0.77	0.4	3.33	3.33 No	0.4	Element Fault
RPO312	1361	'2377723_/2377733'		3.33	3.33	3.33	0.77	0.3	3.33	3.33 No	0.3	Element Fault
RPO312	1362	'2388426_/625925612_1'		0.83	3.33	3.33	0.77	0.4	3.33	3.33 No	0.4	Element Fault
RPO312	1363	'2382159_/2382157_1'		3.33	1.07	3.33	0.77	0.2	2.22	3.33 No	0.2	Element Fault
RPO312	1364	'43138212_/535228208'		3.33	1.07	3.33	0.77	0.2	2.22	3.33 No	0.2	Element Fault
RPO312	1365	'4472245_/4472242'		0.73	3.33	3.33	0.77	0.5	3.33	3.33 No	0.5	Element Fault
RPO312	1366	'2422005_/2422002'		0.77	3.33	3.33	0.77	0.4	3.33	3.33 No	0.4	Element Fault
RPO312	1367	'9429249_/9429260_1'		0.77	3.33	3.33	0.77	0.3	3.33	3.33 No	0.3	Element Fault
RPO312	1368	'446920168_/446920148_1'		0.73	3.33	3.33	0.77	0.2	3.33	3.33 No	0.2	Element Fault
RPO312	1369	'2377710_/2377720'		3.33	3.33	3.33	0.77	0.3	3.33	3.33 No	0.3	Element Fault
RPO312	1370	'2422138_/2422148'		1.13	3.33	3.33	0.77	0.5	3.33	3.33 No	0.5	Element Fault
RPO312	1371	'7537832_/7537830_1'		1.1	3.33	3.33	0.77	0.3	3.33	3.33 No	0.3	Element Fault
RPO312	1372	'84354477_/43140827'		3.33	3.33	3.33	0.77	0.3	3.32	3.33 No	0.3	Element Fault
RPO312	1373	'4472261_/4472258'		0.7	3.33	3.33	0.77	0.5	3.33	3.33 No	0.5	Element Fault
RPO312	1374	'2377787_/8170621_1'		3.33	3.33	3.33	0.77	0.2	3.31	3.33 No	0.2	Element Fault
RPO312	1375	'2388439_/2388436'		0.73	3.33	3.33	0.77	0.4	3.33	3.33 No	0.4	Element Fault
RPO312	1376	'2383578_/2391497'		3.33	1.07	3.33	0.77	0.2	2.18	3.33 No	0.2	Element Fault
RPO312	1377	'2382533_/43138214'		3.33	1.07	3.33	0.77	0.2	2.18	3.33 No	0.2	Element Fault
RPO312	1378	'258087733_/2383588_1'		3.33	1.07	3.33	0.77	0.1	2.17	3.33 No	0.1	Element Fault
RPO312	1379	'2377684_/2377694'		3.33	3.33	3.33	0.77	0.3	3.27	3.33 No	0.3	Element Fault
RPO312	1380	'7537833_/7537830_2'		0.97	3.33	3.33	0.77	0.3	3.33	3.33 No	0.3	Element Fault
RPO312	1381	'43147831_/43147833'		0.97	3.33	3.33	0.77	0.5	3.33	3.33 No	0.5	Element Fault
RPO312	1382	'2384165_/2384794'		1.27	6.67	6.67	1.54	0.8	6.67	6.67 No	0.8	Element Fault
RPO312	1383	'9429263_/9429260_2'		0.67	3.33	3.33	0.77	0.3	3.33	3.33 No	0.3	Element Fault
RPO312	1384	'446920129_/446920148_2'		0.63	3.33	3.33	0.77	0.2	3.33	3.33 No	0.2	Element Fault
RPO312	1385	'2383565_/2383575'		3.33	1.07	3.33	0.77	0.2	2.15	3.33 No	0.2	Element Fault
RPO312	1386	'7222219_/7222216'		0.53	3.33	3.33	0.77	0.4	3.33	3.33 No	0.4	Element Fault
RPO312	1387	'2388452_/2388449'		0.67	3.33	3.33	0.77	0.4	3.33	3.33 No	0.4	Element Fault
RPO312	1388	'625925683_/2404369_1'		0.67	3.33	3.33	0.77	0.3	3.33	3.33 No	0.3	Element Fault
RPO312	1389	'2377671_/2377681'		3.33	3.33	3.33	0.77	0.3	3.18	3.33 No	0.3	Element Fault
RPO312	1390	'2383452_/2383588_2'		3.33	1.07	3.33	0.77	0.1	2.13	3.33 No	0.1	Element Fault
RPO312	1391	'2383564_/2383562'		3.33	1.07	3.33	0.77	0.2	2.13	3.33 No	0.2	Element Fault
RPO312	1392	'2407172_/2407169'		3.33	1.07	3.33	0.77	0.2	2.13	3.33 No	0.2	Element Fault
RPO312	1393	'2407198_/2407208_1'		3.33	1.07	3.33	0.77	0.1	2.13	3.33 No	0.1	Element Fault
RPO312	1394	'2422112_/2422122'		0.87	3.33	3.33	0.77	0.5	3.33	3.33 No	0.5	Element Fault
RPO312	1395	'4466793_/4472271'		0.6	3.33	3.33	0.77	0.5	3.33	3.33 No	0.5	Element Fault
RPO312	1396	'8170623_/8170621_2'		3.33	3.33	3.33	0.77	0.2	3.14	3.33 No	0.2	Element Fault
RPO312	1397	'8481468_/520699435_2'		0.83	3.33	3.33	0.77	0.3	3.31	3.33 No	0.3	Element Fault
RPO312	1398	'2407210_/2407208_2'		3.33	1.07							

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RPO312	1399	'2404372_/_2404369_2'		0.63	3.33	3.33	0.77	0.3	3.26	3.33 No	0.3 Element Fault
RPO312	1400	'43520247_/_4472330'		0.6	3.33	3.33	0.77	0.5	3.33	3.33 No	0.5 Element Fault
RPO312	1401	'43138525_/_43138527'		3.33	1.07	3.33	0.77	0.2	2.11	3.33 No	0.2 Element Fault
RPO312	1402	'2422018_/_2422015'		0.6	3.33	3.33	0.77	0.4	3.32	3.33 No	0.4 Element Fault
RPO312	1403	'2377658_/_2377668'		3.33	3.33	3.33	0.77	0.3	3.11	3.33 No	0.3 Element Fault
RPO312	1404	'2383737_/_2383734'		3.33	1.07	3.33	0.77	0.1	2.1	3.33 No	0.1 Element Fault
RPO312	1405	'2383451_/_2383449'		3.33	1.07	3.33	0.77	0.1	2.1	3.33 No	0.1 Element Fault
RPO312	1406	'641538516_/_641538475_1'		0.57	3.33	3.33	0.77	0.3	3.31	3.33 No	0.3 Element Fault
RPO312	1407	'475378971_/_2388462'		0.6	3.33	3.33	0.77	0.4	3.24	3.33 No	0.4 Element Fault
RPO312	1408	'2383711_/_2383708'		3.33	1.07	3.33	0.77	0.2	2.11	3.33 No	0.2 Element Fault
RPO312	1409	'7221702_/_9115663'		0.47	3.33	3.33	0.77	0.4	3.28	3.33 No	0.4 Element Fault
RPO312	1410	'9115742_/_9115739'		0.8	3.33	3.33	0.77	0.3	3.25	3.33 No	0.3 Element Fault
RPO312	1411	'7222280_/_9429232'		0.8	3.33	3.33	0.77	0.3	3.23	3.33 No	0.3 Element Fault
RPO312	1412	'2407133_/_2407130'		3.33	1.07	3.33	0.77	0.1	2.08	3.33 No	0.1 Element Fault
RPO312	1413	'2377657_/_2377655'		3.33	3.33	3.33	0.77	0.3	3.05	3.33 No	0.3 Element Fault
RPO312	1414	'2407185_/_2407182'		3.33	1.07	3.33	0.77	0.2	2.09	3.33 No	0.2 Element Fault
RPO312	1415	'8480806_/_8480803'		0.47	3.33	3.33	0.77	0.4	3.23	3.33 No	0.4 Element Fault
RPO312	1416	'2388465_/_475378975'		0.57	3.33	3.33	0.77	0.4	3.18	3.33 No	0.4 Element Fault
RPO312	1417	'2407265_/_43138225'		3.33	1.07	3.33	0.77	0.1	2.09	3.33 No	0.1 Element Fault
RPO312	1418	'7222281_/_7222278'		0.77	3.33	3.33	0.77	0.3	3.21	3.33 No	0.3 Element Fault
RPO312	1419	'2422099_/_2422109'		0.77	3.33	3.33	0.77	0.5	3.2	3.33 No	0.5 Element Fault
RPO312	1420	'641538459_/_641538475_2'		0.57	3.33	3.33	0.77	0.3	3.23	3.33 No	0.3 Element Fault
RPO312	1421	'7537819_/_8481481_1'		0.77	3.33	3.33	0.77	0.3	3.2	3.33 No	0.3 Element Fault
RPO312	1422	'417560223_/_417560165_1'		0.77	3.33	3.33	0.77	0.3	3.19	3.33 No	0.3 Element Fault
RPO312	1423	'43138234_/_2407208_3'		3.33	1.07	3.33	0.77	0.1	2.08	3.33 No	0.1 Element Fault
RPO312	1424	'417560122_/_417560165_2'		0.77	3.33	3.33	0.77	0.3	3.18	3.33 No	0.3 Element Fault
RPO312	1425	'7221703_/_8797610'		0.43	3.33	3.33	0.77	0.4	3.18	3.33 No	0.4 Element Fault
RPO312	1426	'43138558_/_2407143'		3.33	1.07	3.33	0.77	0.1	2.06	3.33 No	0.1 Element Fault
RPO312	1427	'43146487_/_43146489'		3.33	3.33	3.33	0.77	0.3	3	3.33 No	0.3 Element Fault
RPO312	1428	'4466794_/_4466791'		0.53	3.33	3.33	0.77	0.5	3.19	3.33 No	0.5 Element Fault
RPO312	1429	'437307796_/_417560183'		0.73	3.33	3.33	0.77	0.3	3.14	3.33 No	0.3 Element Fault
RPO312	1430	'2384815_/_2404424_1'		0.63	3.33	3.33	0.77	0.3	3.1	3.33 No	0.3 Element Fault
RPO312	1431	'9117195_/_9428694'		0.43	3.33	3.33	0.77	0.4	3.15	3.33 No	0.4 Element Fault
RPO312	1432	'2383536_/_2383546'		3.33	1.07	3.33	0.77	0.2	2.05	3.33 No	0.2 Element Fault
RPO312	1433	'7222295_/_7222292'		0.73	3.33	3.33	0.77	0.3	3.13	3.33 No	0.3 Element Fault
RPO312	1434	'43138256_/_2407250'		3.33	1.07	3.33	0.77	0.2	2.06	3.33 No	0.2 Element Fault
RPO312	1435	'2388478_/_2388475'		0.53	3.33	3.33	0.77	0.4	3.09	3.33 No	0.4 Element Fault
RPO312	1436	'492737178_/_43138236_1'		3.33	1.07	3.33	0.77	0.1	2.06	3.33 No	0.1 Element Fault
RPO312	1437	'628699692_/_2404356_1'		0.53	3.33	3.33	0.77	0.3	3.08	3.33 No	0.3 Element Fault
RPO312	1438	'466607647_/_9117193'		0.43	3.33	3.33	0.77	0.4	3.13	3.33 No	0.4 Element Fault
RPO312	1439	'7537395_/_8797658'		3.33	3.33	3.33	0.77	0.2	2.97	3.33 No	0.2 Element Fault
RPO312	1440	'2382545_/_43138236_2'		3.33	1.07	3.33	0.77	0.1	2.05	3.33 No	0.1 Element Fault
RPO312	1441	'43142201_/_43142203'		0.67	3.33	3.33	0.77	0.4	3.06	3.33 No	0.4 Element Fault
RPO312	1442	'2383697_/_2407156'		3.33	1.07	3.33	0.77	0.1	2.04	3.33 No	0.1 Element Fault
RPO312	1443	'43520236_/_43520249'		0.53	3.33	3.33	0.77	0.5	3.13	3.33 No	0.5 Element Fault
RPO312	1444	'2407278_/_2407276'		3.33	3.33	3.33	0.77	0.3	2.95	3.33 No	0.3 Element Fault
RPO312	1445	'50892625_/_43143476'		0.67	3.33	3.33	0.77	0.4	3.03	3.33 No	0.4 Element Fault
RPO312	1446	'2389096_/_2389094_1'		0.67	3.33	3.33	0.77	0.3	3.02	3.33 No	0.3 Element Fault
RPO312	1447	'2383724_/_2383721'		3.33	1.07	3.33	0.77	0.2	2.04	3.33 No	0.2 Element Fault
RPO312	1448	'2422086_/_2422096'		0.7	3.33	3.33	0.77	0.5	3.08	3.33 No	0.5 Element Fault
RPO312	1449	'2404359_/_2404356_2'		0.53	3.33	3.33	0.77	0.3	3.03	3.33 No	0.3 Element Fault
RPO312	1450	'2406845_/_2407289'		3.33	3.33	3.33	0.77	0.3	2.9	3.33 No	0.3 Element Fault
RPO312	1451	'8481484_/_8481481_2'		0.7	3.33	3.33	0.77	0.3	3.05	3.33 No	0.3 Element Fault
RPO312	1452	'43142269_/_2404424_2'		0.57	3.33	3.33	0.77	0.3	3.01	3.33 No	0.3 Element Fault
RPO312	1453	'2422031_/_2422028'		0.5	3.33	3.33	0.77	0.4	3.07	3.33 No	0.4 Element Fault
RPO312	1454	'2383523_/_2383533'		3.33	1.07	3.33	0.77	0.2	2.02	3.33 No	0.2 Element Fault
RPO312	1455	'2383698_/_2383695'		3.33	1.07	3.33	0.77	0.1	2.01	3.33 No	0.1 Element Fault
RPO312	1456	'4472333_/_43520238'		0.5	3.33	3.33	0.77	0.5	3.05	3.33 No	0.5 Primary Over-Voltage
RPO312	1457	'2382546_/_2382543'		3.33	1.07	3.33	0.77	0.1	2.02	3.33 No	0.1 Element Fault
RPO312	1458	'2384149_/_2408905'		0.67	3.33	3.33	0.77	0.4	2.97	3.33 No	0.4 Element Fault
RPO312	1459	'2388491_/_2388488'		0.5	3.33	3.33	0.77	0.4	2.98	3.33 No	0.4 Element Fault
RPO312	1460	'2389097_/_2389094_2'		0.67	3.33	3.33	0.77	0.3	2.95	3.33 No	0.3 Element Fault
RPO312	1461	'2382559_/_2382556'		3.33	1.07	3.33	0.77	0.2	2.01	3.33 No	0.2 Element Fault
RPO312	1462	'2386081_/_2422083'		0.67	3.33	3.33	0.77	0.5	3	3.33 No	0.5 Element Fault
RPO312	1463	'43146476_/_43146478'		3.33	3.33	3.33	0.77	0.3	2.85	3.33 No	0.3 Element Fault
RPO312	1464	'2382585_/_2382595_1'		3.33	1.07	3.33	0.77	0.1	2.01	3.33 No	0.1 Element Fault
RPO312	1465	'4466807_/_4466804'		0.47	3.33	3.33	0.77	0.5	3.02	3.33 No	0.47 Primary Over-Voltage
RPO312	1466	'2383494_/_2383520'		3.33	1.07	3.33	0.77	0.2	2	3.33 No	0.2 Element Fault
RPO312	1467	'7222308_/_8773506'		0.63	3.33	3.33	0.77	0.3	2.98	3.33 No	0.3 Element Fault
RPO312	1468	'2404753_/_2404750'		0.5	3.33	3.33	0.77	0.4	2.93	3.33 No	0.4 Element Fault
RPO312	1469	'2383750_/_2383747'		3.33	1.07	3.33	0.77	0.2	1.99	3.33 No	0.2 Element Fault
RPO312	1470	'72422620_/_2383491'		3.33	1.07	3.33	0.77	0.2	1.99	3.33 No	0.2 Element Fault
RPO312	1471	'51807128_/_2389107'		0.7	3.33	3.33	0.77	0.3	2.9	3.33 No	0.3 Element Fault
RPO312	1472	'74668369_/_96376175_1'		3.33	1.07	3.33	0.77	0.2	1.99	3.33 No	0.2 Element Fault
RPO312	1473	'51807202_/_51807199'		0.7	3.33	3.33	0.77	0.3	2.88	3.33 No	0.3 Element Fault
RPO312	1474	'51807357_/_51807270_1'		0.7	3.33	3.33	0.77	0.1	2.88	3.33 No	0.1 Element Fault
RPO312	1475	'2377533_/_2406829'		3.33	3.33	3.33	0.77	0.3	2.8	3.33 No	0.3 Element Fault
RPO312	1476	'8172123_/_466607673'		0.37	3.33	3.33	0.77	0.4	2.94	3.33 No	0.37 Primary Over-Voltage
RPO312	1477	'2386068_/_2386078'		0.63	3.33	3.33	0.77	0.5	2.92	3.33 No	0.5 Element Fault
RPO312	1478	'2384136_/_2384146'		0.7	3.33	3.33	0.77	0.4	2.87	3.33 No	0.4 Element Fault
RPO312	1479	'8172124_/_8172121'		0.37	3.33	3.33	0.77	0.4	2.92	3.33 No	0.37 Primary Over-Voltage
RPO312	1480	'2389110_/_51807125'		0.7	3.33	3.33	0.77	0.3	2.86	3.33 No	0.3 Element Fault
RPO312	1481	'96376170_/_96376175_2'		3.33	1.07	3.33	0.77	0.2	1.97	3.33 No	0.2 Element Fault
RPO312	1482	'2404766_/_2404763'		0.47	3.33	3.33	0.77	0.4	2.86	3.33 No	0.4 Element Fault
RPO312	1483	'43138311_/_2382569'		3.33	1.07	3.33	0.77	0.2	1.97	3.33 No	0.2 Element Fault
RPO312	1484	'51807263_/_51807270_2'		0.7	3.33	3.33	0.77	0.1	2.85	3.33 No	0.1 Element Fault
RPO312	1485	'7848724_/_8798334'		0.37	3.33	3.33	0.77	0.4	2.91	3.33 No	0.37 Primary Over-Voltage
RPO312	1486	'37613998_/_7537392'		3.33	3.33	3.33	0.77	0.2	2.77	3.33 No	0.2 Element Fault
RPO312	1487	'37614005_/_37614002'		3.33	3.33	3.33	0.77	0.2	2.77	3.33 No	0.2 Element Fault
RPO312	1488	'37614012_/_37614009'		3.33	3.33	3.33	0.77	0.2	2.77	3.33 No	0.2 Element Fault
RPO312	1489	'37614026_/_37614030'		3.33	3.33	3.33	0.77	0.2	2.77	3.33 No	0.2 Element Fault
RPO312	1490	'399582424_/_399582413'		3.33	3.33	3.33	0.77	0.2	2.77	3.33 No	0.2 Element Fault
RPO312	1491	'2383763_/_2383760'		3.33	1.07	3.33	0.77	0.2	1.96	3.33 No	0.2 Element Fault
RPO312	1492	'516301753_/_149987909_2'		3.33	1.07	3.33	0.77	0.2	1.96	3.33 No	0.2 Element Fault

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RPO312	1493	'2383805_/2383802'	3.33	1.07	3.33	0.77	0.2	1.96	3.33 No	0.2	Element Fault
RPO312	1494	'43142280_/43142271'	0.5	3.33	3.33	0.77	0.3	2.86	3.33 No	0.3	Element Fault
RPO312	1495	'96376216_/96376241'	3.33	1.07	3.33	0.77	0.2	1.96	3.33 No	0.2	Element Fault
RPO312	1496	'2404979_/2405016'	0.47	3.33	3.33	0.77	0.4	2.85	3.33 No	0.4	Element Fault
RPO312	1497	'628699703_/2404776_1'	0.47	3.33	3.33	0.77	0.3	2.84	3.33 No	0.3	Element Fault
RPO312	1498	'2377532_/2377530'	3.33	3.33	3.33	0.77	0.3	2.74	3.33 No	0.3	Element Fault
RPO312	1499	'96376135_/96376227'	3.33	1.07	3.33	0.77	0.2	1.96	3.33 No	0.2	Element Fault
RPO312	1500	'2386055_/2386065'	0.6	3.33	3.33	0.77	0.5	2.87	3.33 No	0.5	Element Fault
RPO312	1501	'43140725_/43140727'	3.33	3.33	3.33	0.77	0.3	2.74	3.33 No	0.3	Element Fault
RPO312	1502	'7221176_/7221174_1'	3.33	3.33	3.33	0.77	0.2	2.74	3.33 No	0.2	Element Fault
RPO312	1503	'2382598_/2382595_2'	3.33	1.07	3.33	0.77	0.1	1.96	3.33 No	0.1	Element Fault
RPO312	1504	'7222309_/7222306'	0.6	3.33	3.33	0.77	0.3	2.87	3.33 No	0.3	Element Fault
RPO312	1505	'2377449_/2377446_2'	3.33	3.33	3.33	0.77	0.3	2.74	3.33 No	0.3	Element Fault
RPO312	1506	'2383493_/72422682'	3.33	1.07	3.33	0.77	0.2	1.95	3.33 No	0.2	Element Fault
RPO312	1507	'2384135_/2384133'	0.7	3.33	3.33	0.77	0.4	2.8	3.33 No	0.4	Element Fault
RPO312	1508	'2377436_/2377446_1'	3.33	3.33	3.33	0.77	0.2	2.71	3.33 No	0.2	Element Fault
RPO312	1509	'108751011_/2384175_2'	0.7	3.33	3.33	0.77	0.4	2.79	3.33 No	0.4	Element Fault
RPO312	1510	'9428321_/149987909_1'	3.33	1.07	3.33	0.77	0.1	1.94	3.33 No	0.1	Element Fault
RPO312	1511	'2388908_/2389120'	0.7	3.33	3.33	0.77	0.3	2.79	3.33 No	0.3	Element Fault
RPO312	1512	'7536950_/7848722'	0.33	3.33	3.33	0.77	0.4	2.84	3.33 No	0.33	Primary Over-Voltage
RPO312	1513	'2377614_/2377624'	3.33	3.33	3.33	0.77	0.3	2.7	3.33 No	0.3	Element Fault
RPO312	1514	'4472134_/4472158'	0.43	3.33	3.33	0.77	0.5	2.86	3.33 No	0.43	Primary Over-Voltage
RPO312	1515	'58101972_/2422041'	0.43	3.33	3.33	0.77	0.4	2.85	3.33 No	0.4	Element Fault
RPO312	1516	'2383818_/2383815'	3.33	1.07	3.33	0.77	0.2	1.93	3.33 No	0.2	Element Fault
RPO312	1517	'40978084_/7488830'	3.33	1.07	3.33	0.77	0.2	1.93	3.33 No	0.2	Element Fault
RPO312	1518	'7221177_/7221174_2'	3.33	3.33	3.33	0.77	0.2	2.69	3.33 No	0.2	Element Fault
RPO312	1519	'124696830_/4472132_1'	0.43	3.33	3.33	0.77	0.3	2.85	3.33 No	0.3	Element Fault
RPO312	1520	'124696862_/4472171_1'	0.43	3.33	3.33	0.77	0.3	2.85	3.33 No	0.3	Element Fault
RPO312	1521	'2404980_/2404977'	0.43	3.33	3.33	0.77	0.4	2.77	3.33 No	0.4	Element Fault
RPO312	1522	'2384177_/2384175_1'	0.7	3.33	3.33	0.77	0.1	2.76	3.33 No	0.1	Element Fault
RPO312	1523	'2386042_/2386052'	0.57	3.33	3.33	0.77	0.5	2.79	3.33 No	0.5	Element Fault
RPO312	1524	'2438294_/2438304'	0.7	3.33	3.33	0.77	0.4	2.75	3.33 No	0.4	Element Fault
RPO312	1525	'96429679_/2391766_1'	0.57	3.33	3.33	0.77	0.3	2.79	3.33 No	0.3	Element Fault
RPO312	1526	'43140736_/2377433'	3.33	3.33	3.33	0.77	0.2	2.66	3.33 No	0.2	Element Fault
RPO312	1527	'2388762_/2391766_2'	0.57	3.33	3.33	0.77	0.3	2.77	3.33 No	0.3	Element Fault
RPO312	1528	'43138613_/2383776'	3.33	1.07	3.33	0.77	0.2	1.91	3.33 No	0.2	Element Fault
RPO312	1529	'2383831_/2383828'	3.33	1.07	3.33	0.77	0.2	1.91	3.33 No	0.2	Element Fault
RPO312	1530	'2377601_/2377611'	3.33	3.33	3.33	0.77	0.3	2.65	3.33 No	0.3	Element Fault
RPO312	1531	'4467046_/4472132_2'	0.43	3.33	3.33	0.77	0.3	2.8	3.33 No	0.3	Element Fault
RPO312	1532	'2388909_/2388906'	0.7	3.33	3.33	0.77	0.3	2.72	3.33 No	0.3	Element Fault
RPO312	1533	'4466038_/4472171_2'	0.43	3.33	3.33	0.77	0.3	2.8	3.33 No	0.3	Element Fault
RPO312	1534	'121455916_/121455927'	3.33	3.33	3.33	0.77	0.2	2.65	3.33 No	0.2	Element Fault
RPO312	1535	'63701841_/2391983_2'	0.7	3.33	3.33	0.77	0.3	2.71	3.33 No	0.3	Element Fault
RPO312	1536	'2377423_/2377543'	3.33	3.33	3.33	0.77	0.2	2.64	3.33 No	0.2	Element Fault
RPO312	1537	'464202240_/455907891'	3.33	3.33	3.33	0.77	0.2	2.64	3.33 No	0.2	Element Fault
RPO312	1538	'49996589_/44105263_1'	3.33	1.07	3.33	0.77	0.2	1.91	3.33 No	0.2	Element Fault
RPO312	1539	'2382679_/43138313'	3.33	1.07	3.33	0.77	0.2	1.92	3.33 No	0.2	Element Fault
RPO312	1540	'417560143_/437307815'	0.53	3.33	3.33	0.77	0.3	2.74	3.33 No	0.3	Element Fault
RPO312	1541	'2404873_/2404990'	0.4	3.33	3.33	0.77	0.4	2.7	3.33 No	0.4	Primary Over-Voltage
RPO312	1542	'2391279_/44105263_2'	3.33	1.07	3.33	0.77	0.2	1.9	3.33 No	0.2	Element Fault
RPO312	1543	'43138267_/2382608'	3.33	1.07	3.33	0.77	0.1	1.91	3.33 No	0.1	Element Fault
RPO312	1544	'2384191_/2384188'	0.7	3.33	3.33	0.77	0.1	2.69	3.33 No	0.1	Element Fault
RPO312	1545	'43142291_/43142282'	0.43	3.33	3.33	0.77	0.3	2.72	3.33 No	0.3	Element Fault
RPO312	1546	'7222425_/54267789'	3.33	3.33	3.33	0.77	0.2	2.62	3.33 No	0.2	Element Fault
RPO312	1547	'7222323_/7222320'	0.53	3.33	3.33	0.77	0.3	2.73	3.33 No	0.3	Element Fault
RPO312	1548	'2438293_/2438291'	0.7	3.33	3.33	0.77	0.4	2.69	3.33 No	0.4	Element Fault
RPO312	1549	'43138625_/43138615'	3.33	1.07	3.33	0.77	0.2	1.89	3.33 No	0.2	Element Fault
RPO312	1550	'2377588_/2377598'	3.33	3.33	3.33	0.77	0.3	2.61	3.33 No	0.3	Element Fault
RPO312	1551	'2388840_/2391983_1'	0.7	3.33	3.33	0.77	0.1	2.67	3.33 No	0.1	Element Fault
RPO312	1552	'4467047_/4467044'	0.4	3.33	3.33	0.77	0.3	2.75	3.33 No	0.3	Element Fault
RPO312	1553	'2383792_/8170797_2'	3.33	1.07	3.33	0.77	0.2	1.89	3.33 No	0.2	Element Fault
RPO312	1554	'44666926_/4472145'	0.4	3.33	3.33	0.77	0.5	2.75	3.33 No	0.4	Primary Over-Voltage
RPO312	1555	'2383024_/2383022'	3.33	1.07	3.33	0.77	0.2	1.9	3.33 No	0.2	Element Fault
RPO312	1556	'2388763_/2388760'	0.53	3.33	3.33	0.77	0.3	2.7	3.33 No	0.3	Element Fault
RPO312	1557	'2404860_/109949684'	0.4	3.33	3.33	0.77	0.4	2.66	3.33 No	0.4	Primary Over-Voltage
RPO312	1558	'2422057_/58101941'	0.4	3.33	3.33	0.77	0.4	2.73	3.33 No	0.4	Primary Over-Voltage
RPO312	1559	'2383080_/2383077'	3.33	1.07	3.33	0.77	0.2	1.89	3.33 No	0.2	Element Fault
RPO312	1560	'554955208_/554954819_2'	0.4	3.33	3.33	0.77	0.4	2.72	3.33 No	0.4	Primary Over-Voltage
RPO312	1561	'43142845_/43142847'	0.53	3.33	3.33	0.77	0.5	2.69	3.33 No	0.5	Element Fault
RPO312	1562	'2377516_/43140771'	3.33	3.33	3.33	0.77	0.2	2.58	3.33 No	0.2	Element Fault
RPO312	1563	'2384204_/2384201'	0.7	3.33	3.33	0.77	0.1	2.65	3.33 No	0.1	Element Fault
RPO312	1564	'644878671_/644878518_1'	0.4	3.33	3.33	0.77	0.4	2.72	3.33 No	0.4	Primary Over-Voltage
RPO312	1565	'43143551_/7145633'	0.7	3.33	3.33	0.77	0.3	2.64	3.33 No	0.3	Element Fault
RPO312	1566	'696905969_/43147822_1'	0.4	3.33	3.33	0.77	0.4	2.71	3.33 No	0.4	Primary Over-Voltage
RPO312	1567	'357612229_/43147822_2'	0.4	3.33	3.33	0.77	0.4	2.71	3.33 No	0.4	Primary Over-Voltage
RPO312	1568	'2388841_/2388838'	0.7	3.33	3.33	0.77	0.1	2.64	3.33 No	0.1	Element Fault
RPO312	1569	'43143408_/43143410'	0.4	3.33	3.33	0.77	0.4	2.64	3.33 No	0.4	Primary Over-Voltage
RPO312	1570	'464202245_/455908187'	3.33	3.33	3.33	0.77	0.2	2.57	3.33 No	0.2	Element Fault
RPO312	1571	'2377397_/2377407'	3.33	3.33	3.33	0.77	0.2	2.57	3.33 No	0.2	Element Fault
RPO312	1572	'84354605_/55405982_1'	3.33	3.33	3.33	0.77	0.1	2.56	3.33 No	0.1	Element Fault
RPO312	1573	'2386041_/2386039'	0.53	3.33	3.33	0.77	0.5	2.68	3.33 No	0.5	Element Fault
RPO312	1574	'2404794_/2404792_2'	0.4	3.33	3.33	0.77	0.4	2.64	3.33 No	0.4	Primary Over-Voltage
RPO312	1575	'4467060_/4467057'	0.4	3.33	3.33	0.77	0.3	2.7	3.33 No	0.3	Element Fault
RPO312	1576	'43140714_/43140716'	3.33	3.33	3.33	0.77	0.3	2.55	3.33 No	0.3	Element Fault
RPO312	1577	'2438319_/2438317'	0.7	3.33	3.33	0.77	0.4	2.62	3.33 No	0.4	Element Fault
RPO312	1578	'2384255_/43142293'	0.4	3.33	3.33	0.77	0.3	2.65	3.33 No	0.3	Element Fault
RPO312	1579	'2383038_/2383035'	3.33	1.07	3.33	0.77	0.2	1.87	3.33 No	0.2	Element Fault
RPO312	1580	'2404779_/2404776_2'	0.37	3.33	3.33	0.77	0.3	2.63	3.33 No	0.3	Element Fault
RPO312	1581	'2404859_/2404857'	0.4	3.33	3.33	0.77	0.4	2.61	3.33 No	0.4	Primary Over-Voltage
RPO312	1582	'628699838_/2404964_1'	0.4	3.33	3.33	0.77	0.3	2.61	3.33 No	0.3	Element Fault
RPO312	1583	'628699877_/2404883_1'	0.4	3.33	3.33	0.77	0.3	2.61	3.33 No	0.3	Element Fault
RPO312	1584	'7222682_/7222680_1'	0.7	3.33	3.33	0.77	0.3	2.61	3.33 No	0.3	Element Fault
RPO312	1585	'4466022_/4466035'	0.4	3.33	3.33	0.77	0.3	2.68	3.33 No	0.3	Element Fault
RPO312	1586	'2404967_/2404964_2'	0.4	3.33	3.33	0.77	0.3	2.6	3.33 No	0.3	Element Fault

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RPO312	1587	'2384230_/_2384240'	0.67	3.33	3.33	0.77	0.1	2.59	3.33 No	0.1 Element Fault	
RPO312	1588	'4467073_/_4467070'	0.4	3.33	3.33	0.77	0.3	2.65	3.33 No	0.3 Element Fault	
RPO312	1589	'55405975_/_55405982_2'	1.1	3.33	3.33	0.77	0.1	2.52	3.33 No	0.1 Element Fault	
RPO312	1590	'2404886_/_2404883_2'	0.37	3.33	3.33	0.77	0.3	2.58	3.33 No	0.3 Element Fault	
RPO312	1591	'8170800_/_8170797_1'	3.33	1.07	3.33	0.77	0.1	1.85	3.33 No	0.1 Element Fault	
RPO312	1592	'7537775_/_7537772'	0.5	3.33	3.33	0.77	0.3	2.62	3.33 No	0.3 Element Fault	
RPO312	1593	'2377559_/_2377569'	0.97	3.33	3.33	0.77	0.3	2.51	3.33 No	0.3 Element Fault	
RPO312	1594	'2384844_/_2384841'	0.67	3.33	3.33	0.77	0.1	2.58	3.33 No	0.1 Element Fault	
RPO312	1595	'2404795_/_2404792_1'	0.37	3.33	3.33	0.77	0.4	2.58	3.33 No	0.37 Primary Over-Voltage	
RPO312	1596	'2440724_/_2440722'	0.5	3.33	3.33	0.77	0.5	2.61	3.33 No	0.5 Primary Over-Voltage	
RPO312	1597	'2377396_/_2377394'	3.33	3.33	3.33	0.77	0.2	2.5	3.33 No	0.2 Element Fault	
RPO312	1598	'2391280_/_2391277'	3.33	1.07	3.33	0.77	0.2	1.85	3.33 No	0.2 Element Fault	
RPO312	1599	'2384123_/_2438330'	0.67	3.33	3.33	0.77	0.4	2.57	3.33 No	0.4 Element Fault	
RPO312	1600	'4466927_/_4466924'	0.37	3.33	3.33	0.77	0.5	2.64	3.33 No	0.37 Primary Over-Voltage	
RPO312	1601	'2382623_/_43138269'	3.33	1.07	3.33	0.77	0.1	1.86	3.33 No	0.1 Element Fault	
RPO312	1602	'43147008_/_2409481'	3.33	1.07	3.33	0.77	0.2	1.85	3.33 No	0.2 Element Fault	
RPO312	1603	'2383093_/_2383090'	3.33	1.07	3.33	0.77	0.2	1.85	3.33 No	0.2 Element Fault	
RPO312	1604	'2388776_/_2388773'	0.5	3.33	3.33	0.77	0.3	2.6	3.33 No	0.3 Element Fault	
RPO312	1605	'7222683_/_7222680_2'	0.67	3.33	3.33	0.77	0.3	2.56	3.33 No	0.3 Element Fault	
RPO312	1606	'7222336_/_554954819_1'	0.37	3.33	3.33	0.77	0.4	2.61	3.33 No	0.37 Primary Over-Voltage	
RPO312	1607	'4467086_/_4467083'	0.37	3.33	3.33	0.77	0.3	2.61	3.33 No	0.3 Element Fault	
RPO312	1608	'2386568_/_2386565'	0.5	3.33	3.33	0.77	0.5	2.58	3.33 No	0.5 Primary Over-Voltage	
RPO312	1609	'43144477_/_2404899'	0.37	3.33	3.33	0.77	0.3	2.54	3.33 No	0.3 Element Fault	
RPO312	1610	'2409496_/_43147010'	3.33	1.07	3.33	0.77	0.2	1.84	3.33 No	0.2 Element Fault	
RPO312	1611	'2408265_/_2408262'	0.37	3.33	3.33	0.77	0.3	2.53	3.33 No	0.3 Element Fault	
RPO312	1612	'37624350_/_8481423'	0.47	3.33	3.33	0.77	0.3	2.57	3.33 No	0.3 Element Fault	
RPO312	1613	'399606944_/_37624347'	0.47	3.33	3.33	0.77	0.3	2.57	3.33 No	0.3 Element Fault	
RPO312	1614	'37624364_/_37624368'	0.47	3.33	3.33	0.77	0.3	2.57	3.33 No	0.3 Element Fault	
RPO312	1615	'37624336_/_37624340'	0.47	3.33	3.33	0.77	0.3	2.57	3.33 No	0.3 Element Fault	
RPO312	1616	'399606945_/_399606942'	0.47	3.33	3.33	0.77	0.3	2.57	3.33 No	0.3 Element Fault	
RPO312	1617	'2377558_/_2377556'	0.83	3.33	3.33	0.77	0.3	2.46	3.33 No	0.3 Element Fault	
RPO312	1618	'2384217_/_2384227'	0.63	3.33	3.33	0.77	0.1	2.53	3.33 No	0.1 Element Fault	
RPO312	1619	'2422056_/_43147822_3'	0.37	3.33	3.33	0.77	0.4	2.59	3.33 No	0.37 Primary Over-Voltage	
RPO312	1620	'2384256_/_2384253'	0.37	3.33	3.33	0.77	0.3	2.55	3.33 No	0.3 Element Fault	
RPO312	1621	'8756528_/_8756526_1'	0.37	3.33	3.33	0.77	0.1	2.53	3.33 No	0.1 Element Fault	
RPO312	1622	'2384110_/_2384120'	0.67	3.33	3.33	0.77	0.4	2.52	3.33 No	0.4 Element Fault	
RPO312	1623	'2440738_/_2440735'	0.5	3.33	3.33	0.77	0.5	2.55	3.33 No	0.5 Primary Over-Voltage	
RPO312	1624	'2404808_/_2404805'	0.37	3.33	3.33	0.77	0.4	2.51	3.33 No	0.37 Primary Over-Voltage	
RPO312	1625	'2383106_/_2383103'	3.33	1.07	3.33	0.77	0.2	1.83	3.33 No	0.2 Element Fault	
RPO312	1626	'2440206_/_2440751'	0.5	3.33	3.33	0.77	0.5	2.55	3.33 No	0.5 Primary Over-Voltage	
RPO312	1627	'2383119_/_2383116_2'	3.33	1.07	3.33	0.77	0.2	1.83	3.33 No	0.2 Element Fault	
RPO312	1628	'449210629_/_554954810'	0.37	3.33	3.33	0.77	0.4	2.57	3.33 No	0.37 Primary Over-Voltage	
RPO312	1629	'7536951_/_7536948'	0.3	3.33	3.33	0.77	0.4	2.55	3.33 No	0.37 Primary Over-Voltage	
RPO312	1630	'4466835_/_4467096'	0.37	3.33	3.33	0.77	0.3	2.56	3.33 No	0.3 Element Fault	
RPO312	1631	'43140747_/_43140749'	0.83	3.33	3.33	0.77	0.2	2.43	3.33 No	0.2 Element Fault	
RPO312	1632	'4466009_/_4466019'	0.37	3.33	3.33	0.77	0.3	2.57	3.33 No	0.3 Element Fault	
RPO312	1633	'2440218_/_2440229'	0.47	3.33	3.33	0.77	0.5	2.53	3.33 No	0.47 Primary Over-Voltage	
RPO312	1634	'2404915_/_43144479'	0.37	3.33	3.33	0.77	0.3	2.49	3.33 No	0.3 Element Fault	
RPO312	1635	'2388895_/_43143553'	0.6	3.33	3.33	0.77	0.3	2.49	3.33 No	0.3 Element Fault	
RPO312	1636	'2384216_/_43142249'	0.6	3.33	3.33	0.77	0.1	2.49	3.33 No	0.1 Element Fault	
RPO312	1637	'9115120_/_9115117'	3.33	1.07	3.33	0.77	0.1	1.81	3.33 No	0.1 Element Fault	
RPO312	1638	'2383051_/_2409494'	3.33	1.07	3.33	0.77	0.2	1.81	3.33 No	0.2 Element Fault	
RPO312	1639	'2383118_/_2383116_1'	3.33	1.07	3.33	0.77	0.1	1.81	3.33 No	0.1 Element Fault	
RPO312	1640	'4466822_/_4466937'	0.37	3.33	3.33	0.77	0.5	2.54	3.33 No	0.37 Primary Over-Voltage	
RPO312	1641	'8756529_/_8756526_2'	0.37	3.33	3.33	0.77	0.1	2.49	3.33 No	0.1 Element Fault	
RPO312	1642	'9116132_/_9116129'	0.47	3.33	3.33	0.77	0.3	2.51	3.33 No	0.3 Element Fault	
RPO312	1643	'43138278_/_2382621'	3.33	1.07	3.33	0.77	0.1	1.81	3.33 No	0.1 Element Fault	
RPO312	1644	'2384097_/_2384107'	0.63	3.33	3.33	0.77	0.4	2.47	3.33 No	0.4 Element Fault	
RPO312	1645	'2388789_/_2388786'	0.47	3.33	3.33	0.77	0.3	2.5	3.33 No	0.3 Element Fault	
RPO312	1646	'2383147_/_2383145'	0.1	0.6	3.33	0.77	0.1	1.81	3.33 No	0.1 Primary Over-Voltage	
RPO312	1647	'2404928_/_2404925'	0.33	3.33	3.33	0.77	0.3	2.46	3.33 No	0.3 Element Fault	
RPO312	1648	'2377371_/_2377381'	0.8	3.33	3.33	0.77	0.2	2.4	3.33 No	0.2 Element Fault	
RPO312	1649	'4466836_/_4466833'	0.37	3.33	3.33	0.77	0.3	2.52	3.33 No	0.3 Element Fault	
RPO312	1650	'7639515_/_9531628_1'	0.37	3.33	3.33	0.77	0.1	2.52	3.33 No	0.1 Element Fault	
RPO312	1651	'2383050_/_2383048'	3.33	1.07	3.33	0.77	0.2	1.8	3.33 No	0.2 Element Fault	
RPO312	1652	'2392138_/_2392135'	3.33	1.07	3.33	0.77	0.2	1.8	3.33 No	0.2 Element Fault	
RPO312	1653	'2383164_/_2383161'	3.33	1.07	3.33	0.77	0.1	1.8	3.33 No	0.1 Element Fault	
RPO312	1654	'88905454_/_2383129'	3.33	1.07	3.33	0.77	0.2	1.8	3.33 No	0.2 Element Fault	
RPO312	1655	'2404821_/_2404818'	0.33	3.33	3.33	0.77	0.4	2.45	3.33 No	0.33 Primary Over-Voltage	
RPO312	1656	'2404941_/_2404938'	0.33	3.33	3.33	0.77	0.3	2.45	3.33 No	0.3 Element Fault	
RPO312	1657	'638354115_/_628700530_1'	0.33	3.33	3.33	0.77	0.3	2.45	3.33 No	0.3 Element Fault	
RPO312	1658	'2383273_/_2383271_2'	3.33	1.07	3.33	0.77	0.2	1.8	3.33 No	0.2 Element Fault	
RPO312	1659	'638354058_/_419239387_1'	0.33	3.33	3.33	0.77	0.3	2.45	3.33 No	0.3 Element Fault	
RPO312	1660	'43142856_/_2440190'	0.47	3.33	3.33	0.77	0.5	2.48	3.33 No	0.47 Primary Over-Voltage	
RPO312	1661	'2388681_/_2391970'	0.47	3.33	3.33	0.77	0.3	2.48	3.33 No	0.3 Element Fault	
RPO312	1662	'4466707_/_4466704'	0.37	3.33	3.33	0.77	0.5	2.51	3.33 No	0.37 Primary Over-Voltage	
RPO312	1663	'128619884_/_2388799'	0.47	3.33	3.33	0.77	0.3	2.48	3.33 No	0.3 Element Fault	
RPO312	1664	'2388896_/_2388893'	0.57	3.33	3.33	0.77	0.3	2.45	3.33 No	0.3 Element Fault	
RPO312	1665	'63701890_/_2392012_2'	0.57	3.33	3.33	0.77	0.3	2.44	3.33 No	0.3 Element Fault	
RPO312	1666	'2392154_/_2392151'	3.33	1.07	3.33	0.77	0.2	1.79	3.33 No	0.2 Element Fault	
RPO312	1667	'7222605_/_8171979'	0.43	3.33	3.33	0.77	0.3	2.47	3.33 No	0.3 Element Fault	
RPO312	1668	'61697506_/_9695102_2'	3.33	1.07	3.33	0.77	0.2	1.79	3.33 No	0.2 Element Fault	
RPO312	1669	'63701861_/_2389149_1'	0.57	3.33	3.33	0.77	0.1	2.43	3.33 No	0.1 Element Fault	
RPO312	1670	'4466425_/_43518982'	0.33	3.2	3.33	0.77	0.3	2.5	3.33 No	0.3 Element Fault	
RPO312	1671	'37614040_/_8481527'	0.67	3.33	3.33	0.77	0.2	2.38	3.33 No	0.2 Element Fault	
RPO312	1672	'37614047_/_37614044'	0.67	3.33	3.33	0.77	0.2	2.38	3.33 No	0.2 Element Fault	
RPO312	1673	'399582489_/_399582486'	0.67	3.33	3.33	0.77	0.2	2.38	3.33 No	0.2 Element Fault	
RPO312	1674	'37614068_/_37614072'	0.67	3.33	3.33	0.77	0.2	2.38	3.33 No	0.2 Element Fault	
RPO312	1675	'37614054_/_37614051'	0.67	3.33	3.33	0.77	0.2	2.38	3.33 No	0.2 Element Fault	
RPO312	1676	'2404954_/_2404951'	0.33	3.33	3.33	0.77	0.3	2.43	3.33 No	0.3 Element Fault	
RPO312	1677	'2383067_/_2383064'	3.33	1.07	3.33	0.77	0.2	1.78	3.33 No	0.2 Element Fault	
RPO312	1678	'2377370_/_2377368'	0.73	3.33	3.33	0.77	0.2	2.36	3.33 No	0.2 Element Fault	
RPO312	1679	'4466849_/_4466846'	0.37	3.33	3.33	0.77	0.3	2.48	3.33 No	0.3 Element Fault	
RPO312	1680	'2383274_/_2383271_1'	3.33	1.07	3.33	0.77	0.1	1.78	3.33 No	0.1 Element Fault	

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RPO312	1681	'2388504_/_2391876'		0.47	3.33	3.33	0.77	0.5	2.44	3.33 No	0.47 Primary Over-Voltage
RPO312	1682	'456662537_/_2377459_1'		0.73	3.33	3.33	0.77	0.1	2.35	3.33 No	0.1 Element Fault
RPO312	1683	'43138433_/_2383174'		3.33	1.07	3.33	0.77	0.1	1.78	3.33 No	0.1 Element Fault
RPO312	1684	'7222604_/_7222602'		0.43	3.33	3.33	0.77	0.3	2.44	3.33 No	0.3 Element Fault
RPO312	1685	'4466008_/_4466006'		0.33	3.1	3.33	0.77	0.3	2.47	3.33 No	0.3 Element Fault
RPO312	1686	'628700464_/_628700530_2'		0.33	3.33	3.33	0.77	0.3	2.4	3.33 No	0.3 Element Fault
RPO312	1687	'628700608_/_628700633'		0.33	3.33	3.33	0.77	0.3	2.4	3.33 No	0.3 Element Fault
RPO312	1688	'628700458_/_628700627'		0.33	3.33	3.33	0.77	0.3	2.4	3.33 No	0.3 Element Fault
RPO312	1689	'628700648_/_628700645'		0.33	3.33	3.33	0.77	0.3	2.4	3.33 No	0.3 Element Fault
RPO312	1690	'628700607_/_628700639'		0.33	3.33	3.33	0.77	0.3	2.4	3.33 No	0.3 Element Fault
RPO312	1691	'431422236_/_43142238'		0.6	3.33	3.33	0.77	0.4	2.4	3.33 No	0.4 Element Fault
RPO312	1692	'2389152_/_2389149_2'		0.53	3.33	3.33	0.77	0.1	2.4	3.33 No	0.1 Element Fault
RPO312	1693	'9695105_/_9695102_1'		3.33	1.07	3.33	0.77	0.1	1.77	3.33 No	0.1 Element Fault
RPO312	1694	'2382636_/_43138280'		3.33	1.07	3.33	0.77	0.1	1.77	3.33 No	0.1 Element Fault
RPO312	1695	'9531631_/_9531628_2'		0.33	3.33	3.33	0.77	0.1	2.44	3.33 No	0.1 Element Fault
RPO312	1696	'43142302_/_2404479'		0.33	3.33	3.33	0.77	0.3	2.42	3.33 No	0.3 Element Fault
RPO312	1697	'69257953_/_2384013_2'		0.6	3.33	3.33	0.77	0.4	2.39	3.33 No	0.4 Element Fault
RPO312	1698	'9429277_/_644878518_2'		0.33	3.33	3.33	0.77	0.4	2.44	3.33 No	0.33 Primary Over-Voltage
RPO312	1699	'4466823_/_4466820'		0.33	3.17	3.33	0.77	0.5	2.45	3.33 No	0.33 Primary Over-Voltage
RPO312	1700	'4466862_/_4466859'		0.33	3.33	3.33	0.77	0.3	2.44	3.33 No	0.3 Element Fault
RPO312	1701	'2383319_/_2383316'		3.33	1.07	3.33	0.77	0.1	1.77	3.33 No	0.1 Element Fault
RPO312	1702	'8274036_/_8274034_1'		0.33	3.33	3.33	0.77	0.1	2.43	3.33 No	0.1 Element Fault
RPO312	1703	'2392014_/_2392012_1'		0.53	3.33	3.33	0.77	0.1	2.38	3.33 No	0.1 Element Fault
RPO312	1704	'2388802_/_128619886'		0.43	3.33	3.33	0.77	0.3	2.41	3.33 No	0.3 Element Fault
RPO312	1705	'69257952_/_69257926'		0.6	3.33	3.33	0.77	0.4	2.38	3.33 No	0.4 Element Fault
RPO312	1706	'69258026_/_69258000_1'		0.6	3.33	3.33	0.77	0.3	2.38	3.33 No	0.3 Element Fault
RPO312	1707	'7537347_/_419239387_2'		0.33	3.33	3.33	0.77	0.3	2.37	3.33 No	0.3 Element Fault
RPO312	1708	'9115072_/_9115069'		0.63	3.33	3.33	0.77	0.2	2.32	3.33 No	0.2 Element Fault
RPO312	1709	'2388682_/_2388679'		0.43	3.33	3.33	0.77	0.3	2.39	3.33 No	0.3 Element Fault
RPO312	1710	'43140648_/_43140650'		3.33	1.07	3.33	0.77	0.2	1.75	3.33 No	0.2 Element Fault
RPO312	1711	'4466723_/_4466720'		0.33	3.07	3.33	0.77	0.5	2.42	3.33 No	0.33 Primary Over-Voltage
RPO312	1712	'7848599_/_7848596'		0.43	3.33	3.33	0.77	0.3	2.39	3.33 No	0.3 Element Fault
RPO312	1713	'2377477_/_2377475'		0.67	3.33	3.33	0.77	0.2	2.3	3.33 No	0.2 Element Fault
RPO312	1714	'2389165_/_2389162'		0.5	3.33	3.33	0.77	0.3	2.36	3.33 No	0.3 Element Fault
RPO312	1715	'2383189_/_43138435'		3.33	1.07	3.33	0.77	0.1	1.75	3.33 No	0.1 Element Fault
RPO312	1716	'2383331_/_2383329'		3.33	1.07	3.33	0.77	0.1	1.75	3.33 No	0.1 Element Fault
RPO312	1717	'4466875_/_4466872'		0.33	3.33	3.33	0.77	0.3	2.4	3.33 No	0.3 Element Fault
RPO312	1718	'2388503_/_2388501'		0.43	3.33	3.33	0.77	0.5	2.37	3.33 No	0.43 Primary Over-Voltage
RPO312	1719	'2377462_/_2377459_2'		0.63	3.33	3.33	0.77	0.1	2.28	3.33 No	0.1 Element Fault
RPO312	1720	'2384015_/_2384013_1'		0.57	3.33	3.33	0.77	0.4	2.34	3.33 No	0.4 Element Fault
RPO312	1721	'2382637_/_2382634'		3.33	1.07	3.33	0.77	0.1	1.75	3.33 No	0.1 Element Fault
RPO312	1722	'68473067_/_68473041_1'		0.43	3.33	3.33	0.77	0.3	2.36	3.33 No	0.3 Element Fault
RPO312	1723	'69257993_/_69258000_2'		0.57	3.33	3.33	0.77	0.3	2.33	3.33 No	0.3 Element Fault
RPO312	1724	'4466992_/_4466989'		0.33	2.93	3.33	0.77	0.5	2.38	3.33 No	0.33 Primary Over-Voltage
RPO312	1725	'2438729_/_2438726'		0.5	3.33	3.33	0.77	0.1	2.33	3.33 No	0.1 Element Fault
RPO312	1726	'8170784_/_9428334'		0.23	3.33	3.33	0.77	0.4	2.36	3.33 No	0.23 Primary Over-Voltage
RPO312	1727	'43138300_/_2383009'		3.33	1.07	3.33	0.77	0.1	1.74	3.33 No	0.1 Element Fault
RPO312	1728	'2383190_/_2383187'		3.33	1.07	3.33	0.77	0.1	1.73	3.33 No	0.1 Element Fault
RPO312	1729	'2383345_/_2383342'		3.33	1.07	3.33	0.77	0.1	1.73	3.33 No	0.1 Element Fault
RPO312	1730	'628700129_/_555728221'		0.4	3.33	3.33	0.77	0.3	2.35	3.33 No	0.3 Element Fault
RPO312	1731	'4466888_/_4466885'		0.33	3.2	3.33	0.77	0.3	2.36	3.33 No	0.3 Element Fault
RPO312	1732	'2382956_/_2382954_1'		3.33	1.07	3.33	0.77	0.1	1.74	3.33 No	0.1 Element Fault
RPO312	1733	'2392186_/_2392183'		3.33	1.07	3.33	0.77	0.2	1.73	3.33 No	0.2 Element Fault
RPO312	1734	'628700704_/_628700430'		0.4	3.33	3.33	0.77	0.3	2.34	3.33 No	0.3 Element Fault
RPO312	1735	'628700703_/_628700701'		0.4	3.33	3.33	0.77	0.3	2.34	3.33 No	0.3 Element Fault
RPO312	1736	'628700722_/_628700719'		0.4	3.33	3.33	0.77	0.3	2.34	3.33 No	0.3 Element Fault
RPO312	1737	'7848427_/_7848424_2'		3.33	1.07	3.33	0.77	0.2	1.73	3.33 No	0.2 Element Fault
RPO312	1738	'2388695_/_2388692'		0.4	3.33	3.33	0.77	0.3	2.33	3.33 No	0.3 Element Fault
RPO312	1739	'2388815_/_2388812'		0.4	3.33	3.33	0.77	0.3	2.33	3.33 No	0.3 Element Fault
RPO312	1740	'7536918_/_8797018'		0.23	3.33	3.33	0.77	0.4	2.33	3.33 No	0.23 Primary Over-Voltage
RPO312	1741	'43520054_/_43520056'		0.3	2.73	3.33	0.77	0.3	2.36	3.33 No	0.3 Primary Over-Voltage
RPO312	1742	'628700091_/_628700409'		0.4	3.33	3.33	0.77	0.3	2.33	3.33 No	0.3 Element Fault
RPO312	1743	'2389178_/_2389175'		0.5	3.33	3.33	0.77	0.3	2.3	3.33 No	0.3 Element Fault
RPO312	1744	'480290275_/_554954801'		0.3	2.93	3.33	0.77	0.4	2.34	3.33 No	0.3 Primary Over-Voltage
RPO312	1745	'63701871_/_2389188_1'		0.47	3.33	3.33	0.77	0.1	2.3	3.33 No	0.1 Element Fault
RPO312	1746	'2383203_/_2383200'		3.33	1.07	3.33	0.77	0.1	1.72	3.33 No	0.1 Element Fault
RPO312	1747	'2388668_/_2388666'		0.43	3.33	3.33	0.77	0.5	2.31	3.33 No	0.43 Primary Over-Voltage
RPO312	1748	'428643105_/_428643126'		0.57	3.33	3.33	0.77	0.2	2.24	3.33 No	0.2 Element Fault
RPO312	1749	'43142190_/_2404395'		0.53	3.33	3.33	0.77	0.4	2.29	3.33 No	0.4 Element Fault
RPO312	1750	'2441852_/_43150686'		3.33	1.07	3.33	0.77	0.1	1.71	3.33 No	0.1 Element Fault
RPO312	1751	'4466901_/_4466898'		0.33	3.07	3.33	0.77	0.3	2.32	3.33 No	0.3 Element Fault
RPO312	1752	'43140848_/_2377801'		0.57	3.33	3.33	0.77	0.2	2.23	3.33 No	0.2 Element Fault
RPO312	1753	'747956621_/_747956625'		0.3	3.33	3.33	0.77	0.3	2.27	3.33 No	0.3 Primary Over-Voltage
RPO312	1754	'8273889_/_8273902_1'		0.33	3.07	3.33	0.77	0.1	2.32	3.33 No	0.1 Element Fault
RPO312	1755	'2438758_/_2438755'		0.5	3.33	3.33	0.77	0.1	2.28	3.33 No	0.1 Element Fault
RPO312	1756	'8480449_/_7536916'		0.23	3.33	3.33	0.77	0.4	2.31	3.33 No	0.23 Primary Over-Voltage
RPO312	1757	'2384003_/_2404408'		0.53	3.33	3.33	0.77	0.4	2.27	3.33 No	0.4 Element Fault
RPO312	1758	'2404498_/_43142304'		0.3	3.33	3.33	0.77	0.3	2.3	3.33 No	0.3 Primary Over-Voltage
RPO312	1759	'747956589_/_747956648'		0.3	3.33	3.33	0.77	0.3	2.26	3.33 No	0.3 Primary Over-Voltage
RPO312	1760	'43138444_/_2383213'		3.33	1.07	3.33	0.77	0.1	1.71	3.33 No	0.1 Element Fault
RPO312	1761	'2383216_/_8480431_2'		3.33	1.07	3.33	0.77	0.1	1.71	3.33 No	0.1 Element Fault
RPO312	1762	'8481439_/_8481437'		0.4	3.33	3.33	0.77	0.3	2.28	3.33 No	0.3 Element Fault
RPO312	1763	'2389191_/_2389188_2'		0.47	3.33	3.33	0.77	0.1	2.26	3.33 No	0.1 Element Fault
RPO312	1764	'747956560_/_747956605'		0.3	3.33	3.33	0.77	0.3	2.25	3.33 No	0.3 Primary Over-Voltage
RPO312	1765	'8274037_/_8274034_2'		0.3	2.9	3.33	0.77	0.1	2.29	3.33 No	0.1 Element Fault
RPO312	1766	'2388828_/_2388825'		0.4	3.27	3.33	0.77	0.3	2.28	3.33 No	0.3 Element Fault
RPO312	1767	'2436856_/_2436853'		3.33	1.07	3.33	0.77	0.2	1.7	3.33 No	0.2 Element Fault
RPO312	1768	'729180902_/_729180921'		0.3	3.33	3.33	0.77	0.3	2.24	3.33 No	0.3 Primary Over-Voltage
RPO312	1769	'4467005_/_4467002'		0.3	2.7	3.33	0.77	0.5	2.3	3.33 No	0.3 Primary Over-Voltage
RPO312	1770	'2382957_/_2382954_2'		3.33	1.07	3.33	0.77	0.1	1.7	3.33 No	0.1 Element Fault
RPO312	1771	'4466914_/_4466911'		0.3	2.97	3.33	0.77	0.3	2.28	3.33 No	0.3 Primary Over-Voltage
RPO312	1772	'2407898_/_2407921'		0.4	3.23	3.33	0.77	0.5	2.27	3.33 No	0.4 Primary Over-Voltage
RPO312	1773	'2389207_/_2389204'		0.47	3.33	3.33	0.77	0.3	2.25	3.33 No	0.3 Element Fault
RPO312	1774	'645067191_/_645067233'		0.3	3.33	3.33	0.77	0.3	2.23	3.33 No	0.3 Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RPO312	1775	'37614166_/9428286'		0.23	3.33	3.33	0.77	0.4	2.26	3.33 No	0.23 Primary Over-Voltage
RPO312	1776	'37614173_/37614170'		0.23	3.33	3.33	0.77	0.4	2.26	3.33 No	0.23 Primary Over-Voltage
RPO312	1777	'2388708_/2388705'		0.4	3.17	3.33	0.77	0.3	2.26	3.33 No	0.3 Element Fault
RPO312	1778	'37614194_/37614198'		0.23	3.33	3.33	0.77	0.4	2.26	3.33 No	0.23 Primary Over-Voltage
RPO312	1779	'37614180_/37614177'		0.23	3.33	3.33	0.77	0.4	2.26	3.33 No	0.23 Primary Over-Voltage
RPO312	1780	'37614208_/37614205'		0.23	3.33	3.33	0.77	0.4	2.26	3.33 No	0.23 Primary Over-Voltage
RPO312	1781	'2383990_/2384000'		0.53	3.33	3.33	0.77	0.4	2.23	3.33 No	0.4 Element Fault
RPO312	1782	'7847249_/8170637'		0.5	3.33	3.33	0.77	0.2	2.17	3.33 No	0.2 Element Fault
RPO312	1783	'2390618_/7071058'		0.3	2.87	3.33	0.77	0.3	2.25	3.33 No	0.3 Primary Over-Voltage
RPO312	1784	'7848238_/764955373'		0.3	2.67	3.33	0.77	0.4	2.26	3.33 No	0.3 Primary Over-Voltage
RPO312	1785	'8480433_/8480431_1'		3.33	1.07	3.33	0.77	0.1	1.68	3.33 No	0.1 Element Fault
RPO312	1786	'8273905_/8273902_2'		0.3	2.8	3.33	0.77	0.1	2.24	3.33 No	0.1 Element Fault
RPO312	1787	'4465996_/4469167'		0.3	2.47	3.33	0.77	0.3	2.26	3.33 No	0.3 Primary Over-Voltage
RPO312	1788	'8481410_/554954792'		0.3	2.67	3.33	0.77	0.4	2.25	3.33 No	0.3 Primary Over-Voltage
RPO312	1789	'399606533_/628700556'		0.3	3.33	3.33	0.77	0.3	2.2	3.33 No	0.3 Primary Over-Voltage
RPO312	1790	'37624175_/399606530'		0.3	3.33	3.33	0.77	0.3	2.2	3.33 No	0.3 Primary Over-Voltage
RPO312	1791	'37624168_/37624172'		0.3	3.33	3.33	0.77	0.3	2.2	3.33 No	0.3 Primary Over-Voltage
RPO312	1792	'37624182_/37624179'		0.3	3.33	3.33	0.77	0.3	2.2	3.33 No	0.3 Primary Over-Voltage
RPO312	1793	'37624196_/37624200'		0.3	3.33	3.33	0.77	0.3	2.2	3.33 No	0.3 Primary Over-Voltage
RPO312	1794	'148992845_/645067195'		0.27	3.33	3.33	0.77	0.3	2.2	3.33 No	0.27 Primary Over-Voltage
RPO312	1795	'43143374_/43143376'		0.37	2.97	3.33	0.77	0.3	2.22	3.33 No	0.3 Element Fault
RPO312	1796	'121899921_/7847246'		0.5	3.33	3.33	0.77	0.2	2.15	3.33 No	0.2 Element Fault
RPO312	1797	'2383977_/2383987'		0.53	3.33	3.33	0.77	0.4	2.19	3.33 No	0.4 Element Fault
RPO312	1798	'43140836_/43140838'		0.5	3.33	3.33	0.77	0.2	2.14	3.33 No	0.2 Element Fault
RPO312	1799	'4467018_/4467015'		0.3	2.53	3.33	0.77	0.5	2.23	3.33 No	0.3 Primary Over-Voltage
RPO312	1800	'2390619_/2390616'		0.3	2.77	3.33	0.77	0.3	2.22	3.33 No	0.3 Primary Over-Voltage
RPO312	1801	'464095351_/8480271_1'		0.5	3.33	3.33	0.77	0.1	2.13	3.33 No	0.1 Element Fault
RPO312	1802	'8171609_/555728182'		0.27	3.33	3.33	0.77	0.3	2.18	3.33 No	0.27 Primary Over-Voltage
RPO312	1803	'2382970_/2382967'		3.33	1.07	3.33	0.77	0.1	1.67	3.33 No	0.1 Element Fault
RPO312	1804	'2388656_/2407895'		0.4	2.9	3.33	0.77	0.5	2.2	3.33 No	0.4 Primary Over-Voltage
RPO312	1805	'7848426_/7848424_1'		3.33	1.07	3.33	0.77	0.1	1.65	3.33 No	0.1 Element Fault
RPO312	1806	'8171695_/8797562'		0.23	3.07	3.33	0.77	0.4	2.19	3.33 No	0.23 Primary Over-Voltage
RPO312	1807	'7848211_/555728143'		0.27	3.33	3.33	0.77	0.3	2.16	3.33 No	0.27 Primary Over-Voltage
RPO312	1808	'2390632_/2390629'		0.3	2.7	3.33	0.77	0.3	2.19	3.33 No	0.3 Primary Over-Voltage
RPO312	1809	'2389232_/2389243'		0.43	3.33	3.33	0.77	0.3	2.16	3.33 No	0.3 Element Fault
RPO312	1810	'2383976_/2383974'		0.5	3.33	3.33	0.77	0.4	2.15	3.33 No	0.4 Element Fault
RPO312	1811	'729180943_/729180940'		0.27	3.33	3.33	0.77	0.3	2.15	3.33 No	0.27 Primary Over-Voltage
RPO312	1812	'2390606_/2391892'		0.3	2.7	3.33	0.77	0.3	2.18	3.33 No	0.3 Primary Over-Voltage
RPO312	1813	'2390661_/2390658'		0.3	2.7	3.33	0.77	0.3	2.18	3.33 No	0.3 Primary Over-Voltage
RPO312	1814	'7847617_/7847614'		0.23	3	3.33	0.77	0.4	2.18	3.33 No	0.23 Primary Over-Voltage
RPO312	1815	'2434080_/2434077'		0.27	3.23	3.33	0.77	0.3	2.18	3.33 No	0.27 Primary Over-Voltage
RPO312	1816	'8798176_/628700101'		0.37	2.8	3.33	0.77	0.3	2.17	3.33 No	0.3 Element Fault
RPO312	1817	'437120321_/417187491_2'		3.33	2.73	3.33	0.77	0.1	1.93	3.33 No	0.1 Element Fault
RPO312	1818	'37624210_/7848236'		0.27	2.5	3.33	0.77	0.4	2.19	3.33 No	0.27 Primary Over-Voltage
RPO312	1819	'37624217_/37624214'		0.27	2.5	3.33	0.77	0.4	2.19	3.33 No	0.27 Primary Over-Voltage
RPO312	1820	'399606641_/399606638'		0.27	2.5	3.33	0.77	0.4	2.18	3.33 No	0.27 Primary Over-Voltage
RPO312	1821	'37624224_/37624221'		0.27	2.5	3.33	0.77	0.4	2.18	3.33 No	0.27 Primary Over-Voltage
RPO312	1822	'37624238_/37624242'		0.27	2.5	3.33	0.77	0.4	2.19	3.33 No	0.27 Primary Over-Voltage
RPO312	1823	'437120499_/417187334_1'		3.33	2.73	3.33	0.77	0.1	1.93	3.33 No	0.1 Element Fault
RPO312	1824	'7848225_/555728134'		0.27	3.33	3.33	0.77	0.3	2.14	3.33 No	0.27 Primary Over-Voltage
RPO312	1825	'8480273_/8480271_2'		0.47	3.33	3.33	0.77	0.1	2.09	3.33 No	0.1 Element Fault
RPO312	1826	'2388724_/2388721'		0.37	2.73	3.33	0.77	0.3	2.16	3.33 No	0.3 Element Fault
RPO312	1827	'2407040_/2407037'		0.5	3.33	3.33	0.77	0.4	2.13	3.33 No	0.4 Element Fault
RPO312	1828	'4465983_/4465993'		0.27	2.27	3.33	0.77	0.3	2.18	3.33 No	0.27 Primary Over-Voltage
RPO312	1829	'2388737_/2388734'		0.37	2.7	3.33	0.77	0.3	2.15	3.33 No	0.3 Element Fault
RPO312	1830	'2390605_/43144255'		0.3	2.63	3.33	0.77	0.3	2.15	3.33 No	0.3 Primary Over-Voltage
RPO312	1831	'4467112_/4467109'		0.3	2.37	3.33	0.77	0.5	2.16	3.33 No	0.3 Primary Over-Voltage
RPO312	1832	'37614236_/7847598'		0.2	2.83	3.33	0.77	0.4	2.14	3.33 No	0.2 Primary Over-Voltage
RPO312	1833	'37614229_/37614233'		0.2	2.83	3.33	0.77	0.4	2.14	3.33 No	0.2 Primary Over-Voltage
RPO312	1834	'2388640_/2388653'		0.37	2.7	3.33	0.77	0.5	2.14	3.33 No	0.37 Primary Over-Voltage
RPO312	1835	'43144264_/2390645'		0.3	2.6	3.33	0.77	0.3	2.14	3.33 No	0.3 Primary Over-Voltage
RPO312	1836	'7537761_/7537758'		0.27	3.33	3.33	0.77	0.3	2.11	3.33 No	0.27 Primary Over-Voltage
RPO312	1837	'473342022_/473341988_1'		0.37	2.67	3.33	0.77	0.3	2.13	3.33 No	0.3 Element Fault
RPO312	1838	'8797116_/8797114_1'		0.4	3.33	3.33	0.77	0.1	2.12	3.33 No	0.1 Element Fault
RPO312	1839	'2382983_/2382980'		3.33	1.07	3.33	0.77	0.1	1.63	3.33 No	0.1 Element Fault
RPO312	1840	'2389258_/2389230'		0.4	3.33	3.33	0.77	0.3	2.12	3.33 No	0.3 Element Fault
RPO312	1841	'61697778_/43146830_2'		3.33	2.73	3.33	0.77	0.1	1.9	3.33 No	0.1 Element Fault
RPO312	1842	'43144242_/43144266'		0.3	2.57	3.33	0.77	0.3	2.13	3.33 No	0.3 Primary Over-Voltage
RPO312	1843	'2391853_/9115309_1'		0.3	2.57	3.33	0.77	0.1	2.13	3.33 No	0.1 Element Fault
RPO312	1844	'417187435_/417187491_1'		3.33	2.73	3.33	0.77	0.1	1.89	3.33 No	0.1 Element Fault
RPO312	1845	'43146828_/43146830_1'		3.33	2.73	3.33	0.77	0.1	1.89	3.33 No	0.1 Element Fault
RPO312	1846	'7799716_/121899894'		0.43	3.33	3.33	0.77	0.2	2.05	3.33 No	0.2 Element Fault
RPO312	1847	'258088111_/2382258_1'		3.33	2.73	3.33	0.77	0.1	1.87	3.33 No	0.1 Element Fault
RPO312	1848	'2388750_/2388747'		0.33	2.57	3.33	0.77	0.3	2.1	3.33 No	0.3 Element Fault
RPO312	1849	'8171652_/8798190'		0.27	2.33	3.33	0.77	0.4	2.12	3.33 No	0.27 Primary Over-Voltage
RPO312	1850	'8171696_/8171693'		0.2	2.67	3.33	0.77	0.4	2.1	3.33 No	0.2 Primary Over-Voltage
RPO312	1851	'9115899_/9115897'		0.2	2.67	3.33	0.77	0.4	2.09	3.33 No	0.2 Primary Over-Voltage
RPO312	1852	'7848253_/7848250'		0.27	2.3	3.33	0.77	0.4	2.11	3.33 No	0.27 Primary Over-Voltage
RPO312	1853	'473341972_/473341988_2'		0.37	2.53	3.33	0.77	0.3	2.09	3.33 No	0.3 Element Fault
RPO312	1854	'9429374_/9429372'		0.2	2.67	3.33	0.77	0.4	2.09	3.33 No	0.2 Primary Over-Voltage
RPO312	1855	'352538380_/352538441'		3.33	2.73	3.33	0.77	0.1	1.87	3.33 No	0.1 Element Fault
RPO312	1856	'7538354_/8482159'		0.27	3.33	3.33	0.77	0.3	2.06	3.33 No	0.27 Primary Over-Voltage
RPO312	1857	'8797117_/8797114_2'		0.4	3.07	3.33	0.77	0.1	2.07	3.33 No	0.1 Element Fault
RPO312	1858	'2388517_/2388637'		0.37	2.5	3.33	0.77	0.5	2.08	3.33 No	0.37 Primary Over-Voltage
RPO312	1859	'4465970_/4465980'		0.27	2.1	3.33	0.77	0.3	2.1	3.33 No	0.27 Primary Over-Voltage
RPO312	1860	'4467125_/4467122'		0.27	2.23	3.33	0.77	0.5	2.09	3.33 No	0.27 Primary Over-Voltage
RPO312	1861	'43146839_/2408210'		3.33	2.73	3.33	0.77	0.1	1.85	3.33 No	0.1 Element Fault
RPO312	1862	'43138411_/2382993'		3.33	1.07	3.33	0.77	0.1	1.6	3.33 No	0.1 Element Fault
RPO312	1863	'9115312_/9115309_2'		0.27	2.43	3.33	0.77	0.1	2.07	3.33 No	0.1 Element Fault
RPO312	1864	'417187400_/417187404'		3.33	2.73	3.33	0.77	0.1	1.84	3.33 No	0.1 Element Fault
RPO312	1865	'2434092_/2434103'		0.23	2.57	3.33	0.77	0.3	2.06	3.33 No	0.23 Primary Over-Voltage
RPO312	1866	'2389259_/2389256'		0.37	2.83	3.33	0.77	0.3	2.04	3.33 No	0.3 Element Fault
RPO312	1867	'7538355_/7538352'		0.23	3.33	3.33	0.77	0.3	2.02	3.33 No	0.23 Primary Over-Voltage
RPO312	1868	'8171874_/9429540_1'		0.23	2.57	3.33	0.77	0.2	2.04	3.33 No	0.2 Element Fault

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RPO312	1869	'9429391_/_9429388'	0.2	2.5	3.33	0.77	0.4	2.04	3.33 No	0.2	Primary Over-Voltage
RPO312	1870	'2388322_/_2388514'	0.33	2.43	3.33	0.77	0.5	2.04	3.33 No	0.33	Primary Over-Voltage
RPO312	1871	'2406975_/_2407050'	0.47	3	3.33	0.77	0.4	2.02	3.33 No	0.4	Element Fault
RPO312	1872	'2427107_/_2427104'	0.47	3	3.33	0.77	0.4	2.02	3.33 No	0.4	Element Fault
RPO312	1873	'2383464_/_43138413'	3.33	1.07	3.33	0.77	0.1	1.58	3.33 No	0.1	Element Fault
RPO312	1874	'37624126_/_8171649'	0.27	2.2	3.33	0.77	0.4	2.05	3.33 No	0.27	Primary Over-Voltage
RPO312	1875	'37624119_/_37624123'	0.27	2.2	3.33	0.77	0.4	2.05	3.33 No	0.27	Primary Over-Voltage
RPO312	1876	'88905470_/_2382258_2'	3.33	2.73	3.33	0.77	0.1	1.82	3.33 No	0.1	Element Fault
RPO312	1877	'417187297_/_417187334_2'	3.33	2.73	3.33	0.77	0.1	1.82	3.33 No	0.1	Element Fault
RPO312	1878	'2387454_/_2391918'	0.33	2.4	3.33	0.77	0.5	2.03	3.33 No	0.33	Primary Over-Voltage
RPO312	1879	'2385986_/_2408223'	3.33	2.73	3.33	0.77	0.1	1.82	3.33 No	0.1	Element Fault
RPO312	1880	'43146520_/_43146522'	0.47	2.97	3.33	0.77	0.4	2	3.33 No	0.4	Element Fault
RPO312	1881	'8481382_/_555728173'	0.23	3.33	3.33	0.77	0.3	2	3.33 No	0.23	Primary Over-Voltage
RPO312	1882	'37624140_/_555728230'	0.33	2.37	3.33	0.77	0.3	2.02	3.33 No	0.3	Element Fault
RPO312	1883	'37624112_/_37624116'	0.27	2.27	3.33	0.77	0.4	2.02	3.33 No	0.27	Primary Over-Voltage
RPO312	1884	'37624154_/_37624151'	0.27	2.27	3.33	0.77	0.4	2.02	3.33 No	0.27	Primary Over-Voltage
RPO312	1885	'2406962_/_2406959_2'	0.43	2.9	3.33	0.77	0.4	2	3.33 No	0.4	Element Fault
RPO312	1886	'2388530_/_2388527'	0.33	2.37	3.33	0.77	0.5	2.01	3.33 No	0.33	Primary Over-Voltage
RPO312	1887	'4467138_/_4467135'	0.27	2.1	3.33	0.77	0.5	2.03	3.33 No	0.27	Primary Over-Voltage
RPO312	1888	'8482178_/_8482175'	0.23	3.33	3.33	0.77	0.3	1.98	3.33 No	0.23	Primary Over-Voltage
RPO312	1889	'2389275_/_2389272'	0.37	2.63	3.33	0.77	0.3	2	3.33 No	0.3	Element Fault
RPO312	1890	'4465957_/_4465967'	0.23	2	3.33	0.77	0.3	2.03	3.33 No	0.23	Primary Over-Voltage
RPO312	1891	'7221193_/_9115053'	0.4	3.33	3.33	0.77	0.1	1.95	3.33 No	0.1	Element Fault
RPO312	1892	'8481721_/_9429540_2'	0.23	2.43	3.33	0.77	0.2	2	3.33 No	0.2	Element Fault
RPO312	1893	'2383465_/_2383462'	3.33	1.07	3.33	0.77	0.1	1.57	3.33 No	0.1	Element Fault
RPO312	1894	'2406988_/_2406998'	0.43	2.83	3.33	0.77	0.4	1.98	3.33 No	0.4	Element Fault
RPO312	1895	'2406961_/_2406959_1'	0.43	2.83	3.33	0.77	0.3	1.98	3.33 No	0.3	Element Fault
RPO312	1896	'2388309_/_2388319'	0.33	2.33	3.33	0.77	0.5	1.99	3.33 No	0.33	Primary Over-Voltage
RPO312	1897	'454283065_/_555728206'	0.27	2.27	3.33	0.77	0.4	1.99	3.33 No	0.27	Primary Over-Voltage
RPO312	1898	'417187365_/_417187468'	3.33	2.4	3.33	0.77	0.1	1.79	3.33 No	0.1	Element Fault
RPO312	1899	'2388624_/_2388621'	0.33	2.33	3.33	0.77	0.5	1.99	3.33 No	0.33	Primary Over-Voltage
RPO312	1900	'2387441_/_2387451'	0.33	2.3	3.33	0.77	0.5	1.99	3.33 No	0.33	Primary Over-Voltage
RPO312	1901	'37624301_/_9429190'	0.23	2.1	3.33	0.77	0.4	2	3.33 No	0.23	Primary Over-Voltage
RPO312	1902	'37624307_/_37624326'	0.23	2.1	3.33	0.77	0.4	2	3.33 No	0.23	Primary Over-Voltage
RPO312	1903	'37624293_/_37624305'	0.23	2.1	3.33	0.77	0.4	2	3.33 No	0.23	Primary Over-Voltage
RPO312	1904	'399606784_/_399606781'	0.23	2.1	3.33	0.77	0.4	2	3.33 No	0.23	Primary Over-Voltage
RPO312	1905	'37624315_/_37624319'	0.23	2.1	3.33	0.77	0.4	2	3.33 No	0.23	Primary Over-Voltage
RPO312	1906	'7848506_/_8481719'	0.23	2.4	3.33	0.77	0.2	1.98	3.33 No	0.2	Element Fault
RPO312	1907	'2385987_/_2385984'	3.33	2.73	3.33	0.77	0.1	1.79	3.33 No	0.1	Element Fault
RPO312	1908	'8482194_/_8482191'	0.23	3.23	3.33	0.77	0.3	1.96	3.33 No	0.23	Primary Over-Voltage
RPO312	1909	'9115714_/_555728197'	0.27	2.3	3.33	0.77	0.4	1.98	3.33 No	0.27	Primary Over-Voltage
RPO312	1910	'39434601_/_54267841'	0.4	3.33	3.33	0.77	0.2	1.92	3.33 No	0.2	Element Fault
RPO312	1911	'404641586_/_54267830'	0.4	3.33	3.33	0.77	0.2	1.92	3.33 No	0.2	Element Fault
RPO312	1912	'39434594_/_38013131'	0.4	3.33	3.33	0.77	0.2	1.92	3.33 No	0.2	Element Fault
RPO312	1913	'39434587_/_38013124'	0.4	3.33	3.33	0.77	0.2	1.92	3.33 No	0.2	Element Fault
RPO312	1914	'404641568_/_404641565'	0.4	3.33	3.33	0.77	0.2	1.92	3.33 No	0.2	Element Fault
RPO312	1915	'704415420_/_704415378_2'	3.33	2.73	3.33	0.77	0.1	1.77	3.33 No	0.1	Element Fault
RPO312	1916	'2388979_/_2389285'	0.37	2.53	3.33	0.77	0.3	1.96	3.33 No	0.3	Element Fault
RPO312	1917	'43148058_/_43148060'	0.43	2.7	3.33	0.77	0.3	1.95	3.33 No	0.3	Element Fault
RPO312	1918	'2439657_/_2439654'	0.33	2.27	3.33	0.77	0.5	1.97	3.33 No	0.33	Primary Over-Voltage
RPO312	1919	'84352629_/_2427117'	0.43	2.6	3.33	0.77	0.4	1.95	3.33 No	0.4	Element Fault
RPO312	1920	'84352652_/_7538432_1'	0.43	2.57	3.33	0.77	0.3	1.95	3.33 No	0.3	Element Fault
RPO312	1921	'43142313_/_2434090'	0.23	2.27	3.33	0.77	0.3	1.98	3.33 No	0.23	Primary Over-Voltage
RPO312	1922	'2383925_/_2406985'	0.43	2.7	3.33	0.77	0.4	1.94	3.33 No	0.4	Element Fault
RPO312	1923	'7222267_/_7537744'	0.23	2.07	3.33	0.77	0.4	1.97	3.33 No	0.23	Primary Over-Voltage
RPO312	1924	'43143507_/_2389298'	0.37	2.47	3.33	0.77	0.3	1.95	3.33 No	0.3	Element Fault
RPO312	1925	'9429148_/_9429146'	0.23	3	3.33	0.77	0.3	1.94	3.33 No	0.23	Primary Over-Voltage
RPO312	1926	'43142483_/_2386013'	3.33	2.4	3.33	0.77	0.1	1.76	3.33 No	0.1	Element Fault
RPO312	1927	'4467151_/_4467148'	0.27	2	3.33	0.77	0.5	1.97	3.33 No	0.27	Primary Over-Voltage
RPO312	1928	'2388296_/_2388306'	0.33	2.23	3.33	0.77	0.5	1.95	3.33 No	0.33	Primary Over-Voltage
RPO312	1929	'2387440_/_43142902'	0.33	2.2	3.33	0.77	0.5	1.95	3.33 No	0.33	Primary Over-Voltage
RPO312	1930	'7537047_/_8797098_1'	0.33	2.23	3.33	0.77	0.3	1.94	3.33 No	0.3	Element Fault
RPO312	1931	'68473034_/_68473041_2'	0.3	2.2	3.33	0.77	0.3	1.94	3.33 No	0.3	Primary Over-Voltage
RPO312	1932	'2382300_/_43138068'	3.33	2.4	3.33	0.77	0.1	1.75	3.33 No	0.1	Element Fault
RPO312	1933	'4465944_/_4465954'	0.23	1.87	3.33	0.77	0.3	1.97	3.33 No	0.23	Primary Over-Voltage
RPO312	1934	'39838993_/_7848504'	0.23	2.27	3.33	0.77	0.2	1.93	3.33 No	0.2	Element Fault
RPO312	1935	'2388980_/_2388977'	0.33	2.4	3.33	0.77	0.3	1.93	3.33 No	0.3	Element Fault
RPO312	1936	'7799699_/_478771002'	0.37	3.33	3.33	0.77	0.2	1.89	3.33 No	0.2	Element Fault
RPO312	1937	'2427093_/_2427130'	0.43	2.43	3.33	0.77	0.4	1.92	3.33 No	0.4	Element Fault
RPO312	1938	'2383912_/_2383922'	0.43	2.57	3.33	0.77	0.4	1.91	3.33 No	0.4	Element Fault
RPO312	1939	'7538435_/_7538432_2'	0.4	2.47	3.33	0.77	0.3	1.91	3.33 No	0.3	Element Fault
RPO312	1940	'2382313_/_2382310'	3.33	2.4	3.33	0.77	0.1	1.74	3.33 No	0.1	Element Fault
RPO312	1941	'2388283_/_2388293'	0.33	2.2	3.33	0.77	0.5	1.92	3.33 No	0.33	Primary Over-Voltage
RPO312	1942	'2406936_/_2407011'	0.43	2.53	3.33	0.77	0.3	1.9	3.33 No	0.3	Element Fault
RPO312	1943	'50942303_/_43138158_1'	3.33	2.4	3.33	0.77	0.1	1.73	3.33 No	0.1	Element Fault
RPO312	1944	'2408024_/_43138158_2'	3.33	2.4	3.33	0.77	0.1	1.73	3.33 No	0.1	Element Fault
RPO312	1945	'2388992_/_43143509'	0.33	2.33	3.33	0.77	0.3	1.91	3.33 No	0.3	Element Fault
RPO312	1946	'7221192_/_7221190'	0.37	3.33	3.33	0.77	0.1	1.86	3.33 No	0.1	Element Fault
RPO312	1947	'43142889_/_2391931'	0.33	2.17	3.33	0.77	0.5	1.91	3.33 No	0.33	Primary Over-Voltage
RPO312	1948	'478973060_/_2387480_1'	0.33	2.17	3.33	0.77	0.3	1.91	3.33 No	0.3	Element Fault
RPO312	1949	'2382326_/_2382323'	3.33	2.4	3.33	0.77	0.1	1.72	3.33 No	0.1	Element Fault
RPO312	1950	'43138123_/_2382339'	3.33	2.4	3.33	0.77	0.1	1.72	3.33 No	0.1	Element Fault
RPO312	1951	'9429220_/_9429218'	0.23	2.67	3.33	0.77	0.3	1.88	3.33 No	0.23	Primary Over-Voltage
RPO312	1952	'7537731_/_7537728'	0.23	1.93	3.33	0.77	0.4	1.92	3.33 No	0.23	Primary Over-Voltage
RPO312	1953	'2368573_/_2383909'	0.4	2.47	3.33	0.77	0.4	1.88	3.33 No	0.4	Primary Over-Voltage
RPO312	1954	'2388282_/_2388280'	0.3	2.13	3.33	0.77	0.5	1.89	3.33 No	0.3	Primary Over-Voltage
RPO312	1955	'464620203_/_464620223'	0.23	1.93	3.33	0.77	0.4	1.91	3.33 No	0.23	Primary Over-Voltage
RPO312	1956	'8431677_/_8431674'	0.37	3.33	3.33	0.77	0.2	1.85	3.33 No	0.2	Element Fault
RPO312	1957	'7848507_/_44097239'	0.23	2.13	3.33	0.77	0.2	1.89	3.33 No	0.2	Element Fault
RPO312	1958	'2406883_/_2406933'	0.4	2.43	3.33	0.77	0.3	1.87	3.33 No	0.3	Element Fault
RPO312	1959	'8797101_/_8797098_2'	0.3	2.1	3.33	0.77	0.3	1.88	3.33 No	0.3	Primary Over-Voltage
RPO312	1960	'2387470_/_2387480_2'	0.3	2.1	3.33	0.77	0.3	1.88	3.33 No	0.3	Primary Over-Voltage
RPO312	1961	'4467164_/_4467161'	0.23	1.87	3.33	0.77	0.5	1.9	3.33 No	0.23	Primary Over-Voltage
RPO312	1962	'2384268_/_43142315'	0.2	2.07	3.33	0.77	0.3	1.9	3.33 No	0.2	Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RPO312	1963	'8480290_/_8796906'	0.37	3.33	3.33	0.77	0.2	1.83	3.33 No	0.2	Element Fault
RPO312	1964	'8480790_/_9428678_1'	0.4	2.4	3.33	0.77	0.1	1.86	3.33 No	0.1	Element Fault
RPO312	1965	'2388993_/_2388990'	0.33	2.23	3.33	0.77	0.3	1.87	3.33 No	0.3	Element Fault
RPO312	1966	'227706990_/_4467200_1'	0.23	1.87	3.33	0.77	0.1	1.89	3.33 No	0.1	Element Fault
RPO312	1967	'4465931_/_4465941'	0.23	1.77	3.33	0.77	0.3	1.9	3.33 No	0.23	Primary Over-Voltage
RPO312	1968	'754954081_/_754954104'	0.2	2.57	3.33	0.77	0.3	1.86	3.33 No	0.2	Primary Over-Voltage
RPO312	1969	'63701881_/_2389016_1'	0.33	2.23	3.33	0.77	0.1	1.87	3.33 No	0.1	Element Fault
RPO312	1970	'9428681_/_9428678_2'	0.4	2.4	3.33	0.77	0.1	1.85	3.33 No	0.1	Element Fault
RPO312	1971	'2388542_/_2388540'	0.3	2.1	3.33	0.77	0.5	1.87	3.33 No	0.3	Primary Over-Voltage
RPO312	1972	'9428369_/_704415378_1'	3.33	2.4	3.33	0.77	0.1	1.69	3.33 No	0.1	Element Fault
RPO312	1973	'7847537_/_7847630_1'	0.3	2.1	3.33	0.77	0.3	1.87	3.33 No	0.3	Primary Over-Voltage
RPO312	1974	'7537031_/_8480511_1'	0.3	2.07	3.33	0.77	0.3	1.86	3.33 No	0.3	Primary Over-Voltage
RPO312	1975	'414790474_/_84352198'	0.3	2.07	3.33	0.77	0.3	1.86	3.33 No	0.3	Primary Over-Voltage
RPO312	1976	'37624266_/_7222264'	0.23	1.9	3.33	0.77	0.4	1.88	3.33 No	0.23	Primary Over-Voltage
RPO312	1977	'37624259_/_37624263'	0.23	1.9	3.33	0.77	0.4	1.88	3.33 No	0.23	Primary Over-Voltage
RPO312	1978	'399606741_/_399606738'	0.23	1.9	3.33	0.77	0.4	1.88	3.33 No	0.23	Primary Over-Voltage
RPO312	1979	'37624252_/_37624256'	0.23	1.9	3.33	0.77	0.4	1.88	3.33 No	0.23	Primary Over-Voltage
RPO312	1980	'37624280_/_37624284'	0.23	1.9	3.33	0.77	0.4	1.88	3.33 No	0.23	Primary Over-Voltage
RPO312	1981	'450798592_/_8480511_2'	0.3	2.07	3.33	0.77	0.3	1.86	3.33 No	0.3	Primary Over-Voltage
RPO312	1982	'414790551_/_414790531_1'	0.3	2.07	3.33	0.77	0.1	1.86	3.33 No	0.1	Element Fault
RPO312	1983	'2383937_/_2368570'	0.4	2.37	3.33	0.77	0.4	1.84	3.33 No	0.4	Primary Over-Voltage
RPO312	1984	'43142911_/_414790478'	0.3	2.07	3.33	0.77	0.3	1.85	3.33 No	0.3	Primary Over-Voltage
RPO312	1985	'8480514_/_450798615'	0.3	2.07	3.33	0.77	0.3	1.85	3.33 No	0.3	Primary Over-Voltage
RPO312	1986	'2389019_/_2389016_2'	0.33	2.17	3.33	0.77	0.1	1.85	3.33 No	0.1	Element Fault
RPO312	1987	'2382274_/_2382271'	3.33	2.4	3.33	0.77	0.1	1.69	3.33 No	0.1	Element Fault
RPO312	1988	'7221241_/_7221238_2'	3.33	2.4	3.33	0.77	0.1	1.68	3.33 No	0.1	Element Fault
RPO312	1989	'43142494_/_43142485'	3.33	2.4	3.33	0.77	0.1	1.69	3.33 No	0.1	Element Fault
RPO312	1990	'2406884_/_2406881'	0.4	2.33	3.33	0.77	0.3	1.83	3.33 No	0.3	Element Fault
RPO312	1991	'414790512_/_414790531_2'	0.3	2.03	3.33	0.77	0.1	1.85	3.33 No	0.1	Element Fault
RPO312	1992	'50519323_/_2383935'	0.4	2.33	3.33	0.77	0.4	1.83	3.33 No	0.4	Primary Over-Voltage
RPO312	1993	'4467177_/_4467174'	0.23	1.83	3.33	0.77	0.5	1.86	3.33 No	0.23	Primary Over-Voltage
RPO312	1994	'2383938_/_471847042_2'	0.4	2.33	3.33	0.77	0.4	1.83	3.33 No	0.4	Primary Over-Voltage
RPO312	1995	'9429527_/_9429524'	0.23	2.03	3.33	0.77	0.2	1.84	3.33 No	0.2	Element Fault
RPO312	1996	'654125079_/_654125076'	0.3	2.03	3.33	0.77	0.5	1.84	3.33 No	0.3	Primary Over-Voltage
RPO312	1997	'2383963_/_2427091'	0.4	2.13	3.33	0.77	0.4	1.83	3.33 No	0.4	Primary Over-Voltage
RPO312	1998	'2386768_/_2387194'	0.4	2.3	3.33	0.77	0.4	1.82	3.33 No	0.4	Primary Over-Voltage
RPO312	1999	'7221273_/_7847422_1'	0.4	2.13	3.33	0.77	0.1	1.83	3.33 No	0.1	Element Fault
RPO312	2000	'654125100_/_654125097'	0.3	2.03	3.33	0.77	0.5	1.83	3.33 No	0.3	Primary Over-Voltage
RPO312	2001	'2388882_/_2389055'	0.33	2.13	3.33	0.77	0.3	1.83	3.33 No	0.3	Element Fault
RPO312	2002	'43146498_/_43146500'	0.4	2.3	3.33	0.77	0.3	1.82	3.33 No	0.3	Element Fault
RPO312	2003	'696013066_/_696013070'	0.2	2.43	3.33	0.77	0.3	1.82	3.33 No	0.2	Primary Over-Voltage
RPO312	2004	'8171623_/_9429204'	0.23	1.83	3.33	0.77	0.4	1.85	3.33 No	0.23	Primary Over-Voltage
RPO312	2005	'696013095_/_696013148'	0.2	2.43	3.33	0.77	0.3	1.82	3.33 No	0.2	Primary Over-Voltage
RPO312	2006	'654125202_/_654125165_1'	0.3	2.03	3.33	0.77	0.3	1.83	3.33 No	0.3	Primary Over-Voltage
RPO312	2007	'7847633_/_7847630_2'	0.3	2	3.33	0.77	0.3	1.83	3.33 No	0.3	Primary Over-Voltage
RPO312	2008	'696013113_/_696013162'	0.2	2.43	3.33	0.77	0.3	1.81	3.33 No	0.2	Primary Over-Voltage
RPO312	2009	'7538218_/_7538448'	0.37	2.17	3.33	0.77	0.3	1.81	3.33 No	0.3	Element Fault
RPO312	2010	'4467203_/_4467200_2'	0.23	1.8	3.33	0.77	0.1	1.84	3.33 No	0.1	Element Fault
RPO312	2011	'2387499_/_2387496'	0.3	2	3.33	0.77	0.3	1.82	3.33 No	0.3	Primary Over-Voltage
RPO312	2012	'471847018_/_471847042_1'	0.4	2.27	3.33	0.77	0.1	1.8	3.33 No	0.1	Element Fault
RPO312	2013	'368356807_/_368356765_1'	0.3	2	3.33	0.77	0.1	1.82	3.33 No	0.1	Element Fault
RPO312	2014	'8171624_/_8171621'	0.2	1.8	3.33	0.77	0.4	1.83	3.33 No	0.2	Primary Over-Voltage
RPO312	2015	'4465918_/_4465928'	0.2	1.67	3.33	0.77	0.3	1.84	3.33 No	0.2	Primary Over-Voltage
RPO312	2016	'8481453_/_514845042'	0.23	1.8	3.33	0.77	0.4	1.83	3.33 No	0.23	Primary Over-Voltage
RPO312	2017	'43143529_/_2389029'	0.3	2.1	3.33	0.77	0.1	1.81	3.33 No	0.1	Element Fault
RPO312	2018	'43138134_/_2382284'	3.33	2.4	3.33	0.77	0.1	1.66	3.33 No	0.1	Element Fault
RPO312	2019	'7848645_/_478771031'	0.33	3.33	3.33	0.77	0.2	1.77	3.33 No	0.2	Element Fault
RPO312	2020	'7847345_/_65059573'	3.33	2.4	3.33	0.77	0.1	1.65	3.33 No	0.1	Element Fault
RPO312	2021	'8481396_/_8481393'	0.2	1.8	3.33	0.77	0.4	1.83	3.33 No	0.2	Primary Over-Voltage
RPO312	2022	'2384269_/_2384266'	0.2	1.9	3.33	0.77	0.3	1.83	3.33 No	0.2	Primary Over-Voltage
RPO312	2023	'2406910_/_2406920'	0.4	2.23	3.33	0.77	0.3	1.79	3.33 No	0.3	Element Fault
RPO312	2024	'2387515_/_2387512'	0.3	1.97	3.33	0.77	0.3	1.8	3.33 No	0.3	Primary Over-Voltage
RPO312	2025	'43142597_/_2386766'	0.4	2.23	3.33	0.77	0.4	1.79	3.33 No	0.4	Primary Over-Voltage
RPO312	2026	'7221256_/_7847406'	0.4	2.2	3.33	0.77	0.1	1.78	3.33 No	0.1	Element Fault
RPO312	2027	'9090838_/_9090851_1'	0.4	2.23	3.33	0.77	0.2	1.78	3.33 No	0.2	Element Fault
RPO312	2028	'51961699_/_51961706'	0.23	1.97	3.33	0.77	0.2	1.8	3.33 No	0.2	Element Fault
RPO312	2029	'43143485_/_2388880'	0.3	2.03	3.33	0.77	0.3	1.79	3.33 No	0.3	Primary Over-Voltage
RPO312	2030	'4467190_/_4467187'	0.23	1.77	3.33	0.77	0.5	1.82	3.33 No	0.23	Primary Over-Voltage
RPO312	2031	'9429179_/_9429176'	0.2	1.77	3.33	0.77	0.4	1.81	3.33 No	0.2	Primary Over-Voltage
RPO312	2032	'7538219_/_7538216'	0.37	2.07	3.33	0.77	0.3	1.78	3.33 No	0.3	Element Fault
RPO312	2033	'247714162_/_417187369'	3.33	2.4	3.33	0.77	0.1	1.64	3.33 No	0.1	Element Fault
RPO312	2034	'2387528_/_2387525'	0.3	1.93	3.33	0.77	0.3	1.79	3.33 No	0.3	Primary Over-Voltage
RPO312	2035	'4467216_/_4467213'	0.23	1.73	3.33	0.77	0.1	1.8	3.33 No	0.1	Element Fault
RPO312	2036	'2383964_/_2383961'	0.37	1.97	3.33	0.77	0.4	1.77	3.33 No	0.37	Primary Over-Voltage
RPO312	2037	'7221209_/_7847230'	0.33	3.33	3.33	0.77	0.1	1.74	3.33 No	0.1	Element Fault
RPO312	2038	'2406896_/_2406907'	0.37	2.17	3.33	0.77	0.3	1.76	3.33 No	0.3	Element Fault
RPO312	2039	'68757914_/_544432730'	3.33	3.33	3.33	0.77	0.1	1.73	3.33 No	0.1	Element Fault
RPO312	2040	'2382355_/_43138136'	0.33	2.4	3.33	0.77	0.1	1.62	3.33 No	0.1	Element Fault
RPO312	2041	'2386596_/_2386779'	0.37	2.17	3.33	0.77	0.4	1.75	3.33 No	0.37	Primary Over-Voltage
RPO312	2042	'470482270_/_473358778_2'	0.37	2.13	3.33	0.77	0.4	1.75	3.33 No	0.37	Primary Over-Voltage
RPO312	2043	'7221337_/_9115213_1'	0.37	2.13	3.33	0.77	0.1	1.75	3.33 No	0.1	Element Fault
RPO312	2044	'654125149_/_654125165_2'	0.3	1.9	3.33	0.77	0.3	1.77	3.33 No	0.3	Primary Over-Voltage
RPO312	2045	'2389006_/_43143531'	0.3	1.97	3.33	0.77	0.1	1.76	3.33 No	0.1	Element Fault
RPO312	2046	'7221240_/_7221238_1'	3.33	2.4	3.33	0.77	0.1	1.62	3.33 No	0.1	Element Fault
RPO312	2047	'7221289_/_7847422_2'	0.37	1.97	3.33	0.77	0.1	1.75	3.33 No	0.1	Element Fault
RPO312	2048	'2389071_/_2389068'	0.3	1.97	3.33	0.77	0.3	1.76	3.33 No	0.3	Primary Over-Voltage
RPO312	2049	'43142608_/_2386792'	0.37	2.13	3.33	0.77	0.4	1.74	3.33 No	0.37	Primary Over-Voltage
RPO312	2050	'4465905_/_4465915'	0.2	1.6	3.33	0.77	0.3	1.79	3.33 No	0.2	Primary Over-Voltage
RPO312	2051	'37614334_/_37614338'	0.37	2.1	3.33	0.77	0.1	1.74	3.33 No	0.1	Element Fault
RPO312	2052	'37614376_/_7221254'	0.37	2.1	3.33	0.77	0.1	1.74	3.33 No	0.1	Element Fault
RPO312	2053	'37614341_/_37614373'	0.37	2.1	3.33	0.77	0.1	1.74	3.33 No	0.1	Element Fault
RPO312	2054	'37614362_/_37614366'	0.37	2.1	3.33	0.77	0.1	1.74	3.33 No	0.1	Element Fault
RPO312	2055	'37614348_/_37614345'	0.37	2.1	3.33	0.77	0.1	1.74	3.33 No	0.1	Element Fault
RPO312	2056	'2386003_/_43142496'	3.33	2.4	3.33	0.77	0.1	1.61	3.33 No	0.1	Element Fault

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RPO312	2057	'2386795_/_8797066_2'	0.37	2.1	3.33	0.77	0.4	1.74	3.33 No	0.37	Primary Over-Voltage
RPO312	2058	'2384029_/_2384026'	0.37	1.93	3.33	0.77	0.4	1.75	3.33 No	0.37	Primary Over-Voltage
RPO312	2059	'2389045_/_2389042'	0.3	1.93	3.33	0.77	0.1	1.75	3.33 No	0.1	Element Fault
RPO312	2060	'2386597_/_2386594'	0.37	2.1	3.33	0.77	0.4	1.74	3.33 No	0.37	Primary Over-Voltage
RPO312	2061	'4467229_/_4467226'	0.23	1.67	3.33	0.77	0.5	1.77	3.33 No	0.23	Primary Over-Voltage
RPO312	2062	'7536934_/_9115149'	0.37	2.07	3.33	0.77	0.1	1.74	3.33 No	0.1	Element Fault
RPO312	2063	'2384084_/_2384081'	0.37	1.9	3.33	0.77	0.4	1.75	3.33 No	0.37	Primary Over-Voltage
RPO312	2064	'2386947_/_2386944'	3.33	2.4	3.33	0.77	0.1	1.6	3.33 No	0.1	Element Fault
RPO312	2065	'2406897_/_2406894'	0.37	2.1	3.33	0.77	0.3	1.73	3.33 No	0.3	Element Fault
RPO312	2066	'2384282_/_2384279'	0.2	1.77	3.33	0.77	0.3	1.76	3.33 No	0.2	Primary Over-Voltage
RPO312	2067	'368356737_/_368356765_2'	0.27	1.87	3.33	0.77	0.1	1.74	3.33 No	0.1	Element Fault
RPO312	2068	'8797228_/_8797226'	0.37	2.03	3.33	0.77	0.1	1.72	3.33 No	0.1	Element Fault
RPO312	2069	'7536967_/_9090851_2'	0.37	2.03	3.33	0.77	0.2	1.72	3.33 No	0.2	Element Fault
RPO312	2070	'2388869_/_2392054'	0.3	1.9	3.33	0.77	0.3	1.73	3.33 No	0.3	Primary Over-Voltage
RPO312	2071	'2386610_/_2386607'	0.37	2.07	3.33	0.77	0.4	1.71	3.33 No	0.37	Primary Over-Voltage
RPO312	2072	'2382692_/_2382689'	3.33	2.4	3.33	0.77	0.1	1.59	3.33 No	0.1	Element Fault
RPO312	2073	'7221288_/_7221286'	0.37	1.9	3.33	0.77	0.1	1.72	3.33 No	0.1	Element Fault
RPO312	2074	'2386677_/_2386675_1'	0.37	2.07	3.33	0.77	0.1	1.71	3.33 No	0.1	Element Fault
RPO312	2075	'2384042_/_2384039'	0.37	1.9	3.33	0.77	0.4	1.72	3.33 No	0.37	Primary Over-Voltage
RPO312	2076	'37624483_/_122645455'	0.3	3.33	3.33	0.77	0.2	1.69	3.33 No	0.2	Element Fault
RPO312	2077	'37624490_/_37624487'	0.3	3.33	3.33	0.77	0.2	1.69	3.33 No	0.2	Element Fault
RPO312	2078	'37624497_/_37624494'	0.3	3.33	3.33	0.77	0.2	1.69	3.33 No	0.2	Element Fault
RPO312	2079	'37624511_/_37624515'	0.3	3.33	3.33	0.77	0.2	1.69	3.33 No	0.2	Element Fault
RPO312	2080	'399607218_/_399607215'	0.3	3.33	3.33	0.77	0.2	1.69	3.33 No	0.2	Element Fault
RPO312	2081	'7847280_/_417187731'	3.33	2.4	3.33	0.77	0.1	1.58	3.33 No	0.1	Element Fault
RPO312	2082	'8797069_/_8797066_1'	0.37	2	3.33	0.77	0.1	1.69	3.33 No	0.1	Element Fault
RPO312	2083	'2386678_/_2386675_2'	0.37	2.03	3.33	0.77	0.1	1.69	3.33 No	0.1	Element Fault
RPO312	2084	'4467242_/_4467239'	0.23	1.63	3.33	0.77	0.5	1.73	3.33 No	0.23	Primary Over-Voltage
RPO312	2085	'4465892_/_4465902'	0.2	1.53	3.33	0.77	0.3	1.74	3.33 No	0.2	Primary Over-Voltage
RPO312	2086	'2386623_/_2386620'	0.37	2	3.33	0.77	0.4	1.69	3.33 No	0.37	Primary Over-Voltage
RPO312	2087	'4466451_/_43518971'	0.2	1.53	3.33	0.77	0.3	1.73	3.33 No	0.2	Primary Over-Voltage
RPO312	2088	'7536982_/_7536980_1'	0.37	2	3.33	0.77	0.1	1.69	3.33 No	0.1	Element Fault
RPO312	2089	'9115216_/_9115213_2'	0.37	2	3.33	0.77	0.1	1.69	3.33 No	0.1	Element Fault
RPO312	2090	'2388870_/_2388867'	0.3	1.87	3.33	0.77	0.3	1.7	3.33 No	0.3	Primary Over-Voltage
RPO312	2091	'7222650_/_7222648'	0.3	3.33	3.33	0.77	0.2	1.67	3.33 No	0.2	Element Fault
RPO312	2092	'7221432_/_7221430'	0.37	1.93	3.33	0.77	0.1	1.69	3.33 No	0.1	Element Fault
RPO312	2093	'7847488_/_473358778_1'	0.37	1.97	3.33	0.77	0.1	1.69	3.33 No	0.1	Element Fault
RPO312	2094	'715927844_/_718242275'	0.17	2.03	3.33	0.77	0.3	1.69	3.33 No	0.17	Primary Over-Voltage
RPO312	2095	'7848281_/_554954832'	0.2	1.63	3.33	0.77	0.4	1.71	3.33 No	0.2	Primary Over-Voltage
RPO312	2096	'43142225_/_2384052'	0.33	1.83	3.33	0.77	0.4	1.69	3.33 No	0.33	Primary Over-Voltage
RPO312	2097	'2382705_/_2382702'	3.33	2.4	3.33	0.77	0.1	1.56	3.33 No	0.1	Element Fault
RPO312	2098	'9429163_/_9429160'	0.2	1.63	3.33	0.77	0.4	1.71	3.33 No	0.2	Primary Over-Voltage
RPO312	2099	'2386648_/_2386633'	0.37	1.97	3.33	0.77	0.4	1.67	3.33 No	0.37	Primary Over-Voltage
RPO312	2100	'37614250_/_7536964'	0.37	1.93	3.33	0.77	0.2	1.68	3.33 No	0.2	Element Fault
RPO312	2101	'37614264_/_37614261'	0.23	2.1	3.33	0.77	0.4	1.68	3.33 No	0.23	Primary Over-Voltage
RPO312	2102	'37614222_/_37614226'	0.23	2.1	3.33	0.77	0.4	1.68	3.33 No	0.23	Primary Over-Voltage
RPO312	2103	'2386691_/_2386688'	0.37	1.97	3.33	0.77	0.1	1.67	3.33 No	0.1	Element Fault
RPO312	2104	'2386661_/_2386659_1'	0.37	1.97	3.33	0.77	0.1	1.67	3.33 No	0.1	Element Fault
RPO312	2105	'2386808_/_2386805'	3.33	2.4	3.33	0.77	0.1	1.56	3.33 No	0.1	Element Fault
RPO312	2106	'2384499_/_2384541'	0.33	1.77	3.33	0.77	0.4	1.68	3.33 No	0.33	Primary Over-Voltage
RPO312	2107	'2386704_/_2386701'	0.37	1.97	3.33	0.77	0.1	1.67	3.33 No	0.1	Element Fault
RPO312	2108	'2386649_/_2386646'	0.37	1.97	3.33	0.77	0.4	1.66	3.33 No	0.37	Primary Over-Voltage
RPO312	2109	'431741355_/_2384496_2'	0.33	1.77	3.33	0.77	0.4	1.68	3.33 No	0.33	Primary Over-Voltage
RPO312	2110	'7538122_/_7538120'	0.3	3.33	3.33	0.77	0.2	1.65	3.33 No	0.2	Element Fault
RPO312	2111	'7847344_/_7847342'	3.33	2.4	3.33	0.77	0.1	1.55	3.33 No	0.1	Element Fault
RPO312	2112	'2389219_/_2392067'	0.27	1.8	3.33	0.77	0.3	1.67	3.33 No	0.27	Primary Over-Voltage
RPO312	2113	'7536998_/_7536996_1'	0.37	1.93	3.33	0.77	0.1	1.66	3.33 No	0.1	Element Fault
RPO312	2114	'2384295_/_2384292'	0.17	1.63	3.33	0.77	0.3	1.7	3.33 No	0.17	Primary Over-Voltage
RPO312	2115	'43142746_/_2387147'	0.37	1.93	3.33	0.77	0.4	1.66	3.33 No	0.37	Primary Over-Voltage
RPO312	2116	'2384068_/_43142227'	0.33	1.8	3.33	0.77	0.4	1.66	3.33 No	0.33	Primary Over-Voltage
RPO312	2117	'43138333_/_2382773'	3.33	2.4	3.33	0.77	0.1	1.54	3.33 No	0.1	Element Fault
RPO312	2118	'2386662_/_2386659_2'	0.33	1.93	3.33	0.77	0.1	1.65	3.33 No	0.1	Element Fault
RPO312	2119	'7222666_/_7222664'	0.3	3.33	3.33	0.77	0.2	1.64	3.33 No	0.2	Element Fault
RPO312	2120	'8797037_/_8797034'	0.23	2.03	3.33	0.77	0.4	1.66	3.33 No	0.23	Primary Over-Voltage
RPO312	2121	'2384498_/_2384496_1'	0.33	1.73	3.33	0.77	0.1	1.67	3.33 No	0.1	Element Fault
RPO312	2122	'2386931_/_2386928'	3.33	2.4	3.33	0.77	0.1	1.54	3.33 No	0.1	Element Fault
RPO312	2123	'4467255_/_4467252'	0.23	1.57	3.33	0.77	0.5	1.68	3.33 No	0.23	Primary Over-Voltage
RPO312	2124	'2387136_/_2387134_1'	0.33	1.93	3.33	0.77	0.1	1.65	3.33 No	0.1	Element Fault
RPO312	2125	'7536935_/_7536932'	0.33	1.87	3.33	0.77	0.1	1.65	3.33 No	0.1	Element Fault
RPO312	2126	'37614404_/_352532905'	0.33	1.9	3.33	0.77	0.1	1.65	3.33 No	0.1	Element Fault
RPO312	2127	'399582954_/_37614401'	0.33	1.9	3.33	0.77	0.1	1.65	3.33 No	0.1	Element Fault
RPO312	2128	'399582955_/_399582952'	0.33	1.9	3.33	0.77	0.1	1.65	3.33 No	0.1	Element Fault
RPO312	2129	'37614418_/_37614422'	0.33	1.9	3.33	0.77	0.1	1.65	3.33 No	0.1	Element Fault
RPO312	2130	'37614390_/_37614394'	0.33	1.9	3.33	0.77	0.1	1.65	3.33 No	0.1	Element Fault
RPO312	2131	'690851862_/_690851927'	0.17	1.93	3.33	0.77	0.3	1.65	3.33 No	0.17	Primary Over-Voltage
RPO312	2132	'7536983_/_7536980_2'	0.33	1.9	3.33	0.77	0.1	1.65	3.33 No	0.1	Element Fault
RPO312	2133	'2386717_/_2386714'	0.33	1.93	3.33	0.77	0.1	1.65	3.33 No	0.1	Element Fault
RPO312	2134	'4465879_/_4465889'	0.2	1.47	3.33	0.77	0.3	1.69	3.33 No	0.2	Primary Over-Voltage
RPO312	2135	'2387137_/_2387134_2'	0.33	1.9	3.33	0.77	0.1	1.64	3.33 No	0.1	Element Fault
RPO312	2136	'2389220_/_2389217'	0.27	1.73	3.33	0.77	0.3	1.65	3.33 No	0.27	Primary Over-Voltage
RPO312	2137	'2382718_/_2382715'	3.33	2.4	3.33	0.77	0.1	1.52	3.33 No	0.1	Element Fault
RPO312	2138	'7848178_/_9090819'	0.23	1.97	3.33	0.77	0.4	1.63	3.33 No	0.23	Primary Over-Voltage
RPO312	2139	'7536999_/_7536996_2'	0.33	1.87	3.33	0.77	0.1	1.62	3.33 No	0.1	Element Fault
RPO312	2140	'2382760_/_2382757'	3.33	2.4	3.33	0.77	0.1	1.52	3.33 No	0.1	Element Fault
RPO312	2141	'2384557_/_2384554'	0.33	1.67	3.33	0.77	0.4	1.63	3.33 No	0.33	Primary Over-Voltage
RPO312	2142	'2382731_/_2382728'	3.33	2.4	3.33	0.77	0.1	1.51	3.33 No	0.1	Element Fault
RPO312	2143	'43142391_/_2384509'	0.33	1.67	3.33	0.77	0.1	1.62	3.33 No	0.1	Element Fault
RPO312	2144	'4467268_/_4467265'	0.2	1.5	3.33	0.77	0.5	1.64	3.33 No	0.2	Primary Over-Voltage
RPO312	2145	'690851832_/_690851878'	0.17	1.87	3.33	0.77	0.3	1.62	3.33 No	0.17	Primary Over-Voltage
RPO312	2146	'7848280_/_554954841'	0.2	1.53	3.33	0.77	0.4	1.64	3.33 No	0.2	Primary Over-Voltage
RPO312	2147	'2382747_/_2382744'	3.33	2.4	3.33	0.77	0.1	1.5	3.33 No	0.1	Element Fault
RPO312	2148	'7847393_/_7847390'	0.23	1.9	3.33	0.77	0.4	1.61	3.33 No	0.23	Primary Over-Voltage
RPO312	2149	'413360382_/_413360386'	0.23	1.9	3.33	0.77	0.4	1.6	3.33 No	0.23	Primary Over-Voltage
RPO312	2150	'2384308_/_2384305'	0.17	1.53	3.33	0.77	0.3	1.64	3.33 No	0.17	Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RPO312	2151	'413360450_/413360503'	0.23	1.9	3.33	0.77	0.4	1.6	3.33 No	0.23	Primary Over-Voltage
RPO312	2152	'4465866_/4465876'	0.17	1.4	3.33	0.77	0.3	1.64	3.33 No	0.17	Primary Over-Voltage
RPO312	2153	'413360416_/413360469'	0.23	1.87	3.33	0.77	0.4	1.6	3.33 No	0.23	Primary Over-Voltage
RPO312	2154	'7847329_/8796986'	0.37	2.4	3.33	0.77	0.1	1.49	3.33 No	0.1	Element Fault
RPO312	2155	'2384528_/43142393'	0.33	1.63	3.33	0.77	0.1	1.61	3.33 No	0.1	Element Fault
RPO312	2156	'9428401_/473358808'	0.33	1.77	3.33	0.77	0.1	1.6	3.33 No	0.1	Element Fault
RPO312	2157	'2382789_/2382786'	3.33	2.4	3.33	0.77	0.1	1.49	3.33 No	0.1	Element Fault
RPO312	2158	'7536887_/7847374_2'	3.33	2.4	3.33	0.77	0.1	1.49	3.33 No	0.1	Element Fault
RPO312	2159	'2386821_/2386818'	3.33	2.4	3.33	0.77	0.1	1.49	3.33 No	0.1	Element Fault
RPO312	2160	'128790087_/2382799'	3.33	2.4	3.33	0.77	0.1	1.48	3.33 No	0.1	Element Fault
RPO312	2161	'4469073_/4469070'	0.2	1.47	3.33	0.77	0.5	1.6	3.33 No	0.2	Primary Over-Voltage
RPO312	2162	'43138355_/128790089'	0.53	2.4	3.33	0.77	0.1	1.47	3.33 No	0.1	Element Fault
RPO312	2163	'8797052_/8797050'	0.23	1.83	3.33	0.77	0.4	1.58	3.33 No	0.23	Primary Over-Voltage
RPO312	2164	'4469144_/4469154_1'	0.2	1.47	3.33	0.77	0.3	1.6	3.33 No	0.2	Primary Over-Voltage
RPO312	2165	'43138367_/43138357'	0.5	2.4	3.33	0.77	0.1	1.47	3.33 No	0.1	Element Fault
RPO312	2166	'7847473_/352532944'	0.33	1.73	3.33	0.77	0.1	1.57	3.33 No	0.1	Element Fault
RPO312	2167	'2386889_/2386886'	3.33	2.4	3.33	0.77	0.1	1.47	3.33 No	0.1	Element Fault
RPO312	2168	'2382815_/7536868_2'	0.5	2.4	3.33	0.77	0.1	1.47	3.33 No	0.1	Element Fault
RPO312	2169	'2384570_/2384567'	0.3	1.57	3.33	0.77	0.4	1.58	3.33 No	0.3	Primary Over-Voltage
RPO312	2170	'7847457_/52412599_1'	0.3	1.57	3.33	0.77	0.1	1.58	3.33 No	0.1	Element Fault
RPO312	2171	'2386902_/2386899'	3.33	2.4	3.33	0.77	0.1	1.47	3.33 No	0.1	Element Fault
RPO312	2172	'7537174_/9428206'	0.37	2.4	3.33	0.77	0.1	1.46	3.33 No	0.1	Element Fault
RPO312	2173	'4465853_/4465863'	0.17	1.33	3.33	0.77	0.3	1.59	3.33 No	0.17	Primary Over-Voltage
RPO312	2174	'7847376_/7847374_1'	0.43	2.4	3.33	0.77	0.1	1.46	3.33 No	0.1	Element Fault
RPO312	2175	'2386915_/2386912'	3.33	2.4	3.33	0.77	0.1	1.46	3.33 No	0.1	Element Fault
RPO312	2176	'7848179_/7848176'	0.23	1.77	3.33	0.77	0.4	1.55	3.33 No	0.23	Primary Over-Voltage
RPO312	2177	'7848162_/9115679'	0.23	1.77	3.33	0.77	0.4	1.55	3.33 No	0.23	Primary Over-Voltage
RPO312	2178	'7848163_/7848160'	0.23	1.77	3.33	0.77	0.4	1.55	3.33 No	0.23	Primary Over-Voltage
RPO312	2179	'7222234_/8798158'	0.23	1.77	3.33	0.77	0.4	1.55	3.33 No	0.23	Primary Over-Voltage
RPO312	2180	'2384321_/2384318'	0.17	1.47	3.33	0.77	0.3	1.58	3.33 No	0.17	Primary Over-Voltage
RPO312	2181	'37614096_/247714251'	0.3	2.4	3.33	0.77	0.1	1.44	3.33 No	0.1	Element Fault
RPO312	2182	'37614089_/37614093'	0.3	2.4	3.33	0.77	0.1	1.44	3.33 No	0.1	Element Fault
RPO312	2183	'399582612_/399582609'	0.3	2.4	3.33	0.77	0.1	1.44	3.33 No	0.1	Element Fault
RPO312	2184	'399582595_/399582592'	0.3	2.4	3.33	0.77	0.1	1.44	3.33 No	0.1	Element Fault
RPO312	2185	'37614082_/37614086'	0.3	2.4	3.33	0.77	0.1	1.44	3.33 No	0.1	Element Fault
RPO312	2186	'4469085_/4469154_2'	0.2	1.4	3.33	0.77	0.3	1.57	3.33 No	0.2	Primary Over-Voltage
RPO312	2187	'419339929_/4469112_1'	0.2	1.4	3.33	0.77	0.1	1.56	3.33 No	0.1	Element Fault
RPO312	2188	'4469131_/4469128'	0.2	1.4	3.33	0.77	0.3	1.56	3.33 No	0.2	Primary Over-Voltage
RPO312	2189	'8171665_/554954850'	0.17	1.4	3.33	0.77	0.4	1.54	3.33 No	0.17	Primary Over-Voltage
RPO312	2190	'4465840_/4465850'	0.17	1.3	3.33	0.77	0.3	1.55	3.33 No	0.17	Primary Over-Voltage
RPO312	2191	'7222235_/7222232'	0.23	1.7	3.33	0.77	0.4	1.51	3.33 No	0.23	Primary Over-Voltage
RPO312	2192	'4469086_/4469083'	0.2	1.37	3.33	0.77	0.3	1.54	3.33 No	0.2	Primary Over-Voltage
RPO312	2193	'2386834_/2386831'	0.43	2.4	3.33	0.77	0.1	1.42	3.33 No	0.1	Element Fault
RPO312	2194	'52412597_/52412599_2'	0.3	1.47	3.33	0.77	0.1	1.52	3.33 No	0.1	Element Fault
RPO312	2195	'4467309_/4469112_2'	0.2	1.37	3.33	0.77	0.1	1.53	3.33 No	0.1	Element Fault
RPO312	2196	'4471951_/4471962'	0.2	1.37	3.33	0.77	0.3	1.53	3.33 No	0.2	Primary Over-Voltage
RPO312	2197	'7958532_/8584244_2'	0.2	1.37	3.33	0.77	0.3	1.53	3.33 No	0.2	Primary Over-Voltage
RPO312	2198	'4467670_/4471949'	0.2	1.37	3.33	0.77	0.3	1.52	3.33 No	0.2	Primary Over-Voltage
RPO312	2199	'2384583_/2384580'	0.3	1.43	3.33	0.77	0.4	1.51	3.33 No	0.3	Primary Over-Voltage
RPO312	2200	'2384334_/2384331'	0.13	1.37	3.33	0.77	0.3	1.53	3.33 No	0.13	Primary Over-Voltage
RPO312	2201	'52412629_/52412655'	0.3	1.43	3.33	0.77	0.1	1.5	3.33 No	0.1	Element Fault
RPO312	2202	'2386860_/2386857'	0.4	2.4	3.33	0.77	0.1	1.4	3.33 No	0.1	Element Fault
RPO312	2203	'2384677_/2384674'	0.3	1.43	3.33	0.77	0.4	1.5	3.33 No	0.3	Primary Over-Voltage
RPO312	2204	'4469102_/4469099'	0.2	1.33	3.33	0.77	0.3	1.51	3.33 No	0.2	Primary Over-Voltage
RPO312	2205	'8480418_/9115101'	0.33	2.4	3.33	0.77	0.1	1.39	3.33 No	0.1	Element Fault
RPO312	2206	'2386873_/2386870'	0.4	2.4	3.33	0.77	0.1	1.39	3.33 No	0.1	Element Fault
RPO312	2207	'251526714_/2384690_1'	0.3	1.4	3.33	0.77	0.2	1.49	3.33 No	0.2	Element Fault
RPO312	2208	'4465839_/4465837'	0.17	1.27	3.33	0.77	0.3	1.51	3.33 No	0.17	Primary Over-Voltage
RPO312	2209	'455054178_/554954859'	0.17	1.37	3.33	0.77	0.4	1.5	3.33 No	0.17	Primary Over-Voltage
RPO312	2210	'8584246_/8584244_1'	0.2	1.33	3.33	0.77	0.1	1.5	3.33 No	0.1	Element Fault
RPO312	2211	'7537863_/7537860'	0.23	1.6	3.33	0.77	0.4	1.48	3.33 No	0.23	Primary Over-Voltage
RPO312	2212	'52412566_/52412636'	0.3	1.43	3.33	0.77	0.1	1.48	3.33 No	0.1	Element Fault
RPO312	2213	'4467310_/4467307'	0.2	1.33	3.33	0.77	0.1	1.5	3.33 No	0.1	Element Fault
RPO312	2214	'2386847_/2386844'	0.37	2.4	3.33	0.77	0.1	1.39	3.33 No	0.1	Element Fault
RPO312	2215	'4466465_/4466462'	0.17	1.23	3.33	0.77	0.3	1.5	3.33 No	0.17	Primary Over-Voltage
RPO312	2216	'4467671_/4467668'	0.2	1.33	3.33	0.77	0.3	1.49	3.33 No	0.2	Primary Over-Voltage
RPO312	2217	'391588869_/391588873'	0.33	2.4	3.33	0.77	0.1	1.37	3.33 No	0.1	Element Fault
RPO312	2218	'391588941_/391588978'	0.33	2.4	3.33	0.77	0.1	1.37	3.33 No	0.1	Element Fault
RPO312	2219	'391588905_/391588960'	0.33	2.4	3.33	0.77	0.1	1.37	3.33 No	0.1	Element Fault
RPO312	2220	'711657575_/711657591'	0.2	1.3	3.33	0.77	0.1	1.48	3.33 No	0.1	Element Fault
RPO312	2221	'54950368_/54950370'	0.2	1.3	3.33	0.77	0.3	1.47	3.33 No	0.2	Primary Over-Voltage
RPO312	2222	'2384483_/2384690_2'	0.27	1.37	3.33	0.77	0.2	1.46	3.33 No	0.2	Element Fault
RPO312	2223	'4466480_/4466478'	0.17	1.2	3.33	0.77	0.3	1.48	3.33 No	0.17	Primary Over-Voltage
RPO312	2224	'2384347_/2384344'	0.13	1.3	3.33	0.77	0.3	1.48	3.33 No	0.13	Primary Over-Voltage
RPO312	2225	'4467348_/4468594'	0.2	1.3	3.33	0.77	0.3	1.46	3.33 No	0.2	Primary Over-Voltage
RPO312	2226	'8480417_/8480415'	0.3	2.4	3.33	0.77	0.1	1.36	3.33 No	0.1	Element Fault
RPO312	2227	'7536870_/7536868_1'	0.3	2.4	3.33	0.77	0.1	1.35	3.33 No	0.1	Element Fault
RPO312	2228	'2384596_/2384593'	0.27	1.33	3.33	0.77	0.4	1.45	3.33 No	0.27	Primary Over-Voltage
RPO312	2229	'9719992_/9719990'	0.27	1.37	3.33	0.77	0.1	1.45	3.33 No	0.1	Element Fault
RPO312	2230	'455054142_/554954868'	0.17	1.3	3.33	0.77	0.4	1.45	3.33 No	0.17	Primary Over-Voltage
RPO312	2231	'4467323_/4467320'	0.17	1.27	3.33	0.77	0.1	1.45	3.33 No	0.1	Element Fault
RPO312	2232	'2391707_/2391704'	0.33	2.4	3.33	0.77	0.1	1.35	3.33 No	0.1	Element Fault
RPO312	2233	'2384482_/2384480'	0.27	1.33	3.33	0.77	0.2	1.44	3.33 No	0.2	Element Fault
RPO312	2234	'43519478_/43519480'	0.2	1.27	3.33	0.77	0.3	1.45	3.33 No	0.2	Primary Over-Voltage
RPO312	2235	'4467349_/4467346'	0.2	1.27	3.33	0.77	0.3	1.44	3.33 No	0.2	Primary Over-Voltage
RPO312	2236	'9115916_/9115913'	0.23	1.5	3.33	0.77	0.4	1.42	3.33 No	0.23	Primary Over-Voltage
RPO312	2237	'2384706_/2384703'	0.27	1.33	3.33	0.77	0.2	1.43	3.33 No	0.2	Element Fault
RPO312	2238	'2425035_/2425032'	0.33	2.4	3.33	0.77	0.1	1.34	3.33 No	0.1	Element Fault
RPO312	2239	'4472364_/4472362'	0.17	1.17	3.33	0.77	0.3	1.44	3.33 No	0.17	Primary Over-Voltage
RPO312	2240	'2384609_/2384606'	0.27	1.3	3.33	0.77	0.4	1.41	3.33 No	0.27	Primary Over-Voltage
RPO312	2241	'43147763_/2427221'	0.27	1.3	3.33	0.77	0.2	1.41	3.33 No	0.2	Element Fault
RPO312	2242	'43519369_/4467359'	0.17	1.23	3.33	0.77	0.3	1.42	3.33 No	0.17	Primary Over-Voltage
RPO312	2243	'2384360_/2384357'	0.13	1.23	3.33	0.77	0.3	1.43	3.33 No	0.13	Primary Over-Voltage
RPO312	2244	'4467336_/4467333'	0.17	1.23	3.33	0.77	0.1	1.41	3.33 No	0.1	Element Fault

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RPO312	2245	'4472378_/_4472375'		0.13	1.17	3.33	0.77	0.3	1.42	3.33 No	0.13 Primary Over-Voltage
RPO312	2246	'4467658_/_4467778'		0.17	1.23	3.33	0.77	0.3	1.41	3.33 No	0.17 Primary Over-Voltage
RPO312	2247	'762676664_/_762676668'		0.13	1.43	3.33	0.77	0.3	1.39	3.33 No	0.13 Primary Over-Voltage
RPO312	2248	'7324300_/_9217518_1'		0.17	1.23	3.33	0.77	0.1	1.41	3.33 No	0.1 Element Fault
RPO312	2249	'43142448_/_2384716'		0.27	1.3	3.33	0.77	0.2	1.4	3.33 No	0.2 Element Fault
RPO312	2250	'4472390_/_43520260'		0.13	1.13	3.33	0.77	0.3	1.42	3.33 No	0.13 Primary Over-Voltage
RPO312	2251	'408894795_/_43142450_1'		0.27	1.3	3.33	0.77	0.1	1.39	3.33 No	0.1 Element Fault
RPO312	2252	'2384470_/_2427208'		0.27	1.3	3.33	0.77	0.2	1.39	3.33 No	0.2 Element Fault
RPO312	2253	'762676620_/_762676692'		0.13	1.43	3.33	0.77	0.3	1.38	3.33 No	0.13 Primary Over-Voltage
RPO312	2254	'4435375_/_4472401'		0.13	1.13	3.33	0.77	0.3	1.41	3.33 No	0.13 Primary Over-Voltage
RPO312	2255	'4467375_/_43519371'		0.17	1.2	3.33	0.77	0.3	1.39	3.33 No	0.17 Primary Over-Voltage
RPO312	2256	'9217521_/_9217518_2'		0.17	1.2	3.33	0.77	0.1	1.39	3.33 No	0.1 Element Fault
RPO312	2257	'43142414_/_2404527'		0.27	1.23	3.33	0.77	0.4	1.38	3.33 No	0.27 Primary Over-Voltage
RPO312	2258	'762676590_/_762676636'		0.13	1.4	3.33	0.77	0.3	1.37	3.33 No	0.13 Primary Over-Voltage
RPO312	2259	'43142358_/_43142360'		0.27	1.27	3.33	0.77	0.2	1.38	3.33 No	0.2 Element Fault
RPO312	2260	'2384457_/_43142349_2'		0.27	1.27	3.33	0.77	0.2	1.38	3.33 No	0.2 Element Fault
RPO312	2261	'2384732_/_43142450_2'		0.27	1.27	3.33	0.77	0.1	1.37	3.33 No	0.1 Element Fault
RPO312	2262	'2387540_/_2424980'		0.27	2.4	3.33	0.77	0.1	1.29	3.33 No	0.1 Element Fault
RPO312	2263	'4467657_/_43519491'		0.17	1.2	3.33	0.77	0.3	1.38	3.33 No	0.17 Primary Over-Voltage
RPO312	2264	'2384373_/_2384370'		0.13	1.17	3.33	0.77	0.3	1.39	3.33 No	0.13 Primary Over-Voltage
RPO312	2265	'43142347_/_43142349_1'		0.27	1.27	3.33	0.77	0.2	1.36	3.33 No	0.2 Element Fault
RPO312	2266	'2384456_/_7538532_2'		0.27	1.27	3.33	0.77	0.2	1.36	3.33 No	0.2 Element Fault
RPO312	2267	'4467388_/_4467385'		0.17	1.17	3.33	0.77	0.3	1.37	3.33 No	0.17 Primary Over-Voltage
RPO312	2268	'4467401_/_4467414_1'		0.17	1.17	3.33	0.77	0.1	1.37	3.33 No	0.1 Element Fault
RPO312	2269	'43142955_/_2425019'		0.27	2.4	3.33	0.77	0.1	1.28	3.33 No	0.1 Element Fault
RPO312	2270	'2384621_/_43142416'		0.27	1.2	3.33	0.77	0.4	1.36	3.33 No	0.27 Primary Over-Voltage
RPO312	2271	'2384745_/_2384742'		0.27	1.23	3.33	0.77	0.1	1.35	3.33 No	0.1 Element Fault
RPO312	2272	'2387585_/_43142935'		0.27	2.4	3.33	0.77	0.1	1.27	3.33 No	0.1 Element Fault
RPO312	2273	'4467417_/_4467414_2'		0.17	1.17	3.33	0.77	0.1	1.35	3.33 No	0.1 Element Fault
RPO312	2274	'7538535_/_7538532_1'		0.27	1.23	3.33	0.77	0.1	1.34	3.33 No	0.1 Element Fault
RPO312	2275	'8482309_/_8482307'		0.27	1.23	3.33	0.77	0.1	1.34	3.33 No	0.1 Element Fault
RPO312	2276	'7538518_/_9429900'		0.27	1.23	3.33	0.77	0.1	1.34	3.33 No	0.1 Element Fault
RPO312	2277	'2425009_/_43142957'		0.27	2.4	3.33	0.77	0.1	1.26	3.33 No	0.1 Element Fault
RPO312	2278	'4471609_/_4471606'		0.17	1.17	3.33	0.77	0.3	1.35	3.33 No	0.17 Primary Over-Voltage
RPO312	2279	'7958388_/_8904222_1'		0.17	1.17	3.33	0.77	0.1	1.35	3.33 No	0.1 Element Fault
RPO312	2280	'37624378_/_554954910'		0.17	1.17	3.33	0.77	0.4	1.34	3.33 No	0.17 Primary Over-Voltage
RPO312	2281	'399607015_/_37624382'		0.17	1.17	3.33	0.77	0.4	1.34	3.33 No	0.17 Primary Over-Voltage
RPO312	2282	'37624406_/_37624410'		0.17	1.17	3.33	0.77	0.4	1.34	3.33 No	0.17 Primary Over-Voltage
RPO312	2283	'37624392_/_37624389'		0.17	1.17	3.33	0.77	0.4	1.34	3.33 No	0.17 Primary Over-Voltage
RPO312	2284	'399607016_/_399607013'		0.17	1.17	3.33	0.77	0.4	1.34	3.33 No	0.17 Primary Over-Voltage
RPO312	2285	'2384622_/_2384619'		0.23	1.17	3.33	0.77	0.4	1.33	3.33 No	0.23 Primary Over-Voltage
RPO312	2286	'7324531_/_8904222_2'		0.17	1.13	3.33	0.77	0.1	1.34	3.33 No	0.1 Element Fault
RPO312	2287	'2384386_/_2384383'		0.13	1.13	3.33	0.77	0.3	1.35	3.33 No	0.13 Primary Over-Voltage
RPO312	2288	'2384758_/_2384755'		0.23	1.2	3.33	0.77	0.1	1.32	3.33 No	0.1 Element Fault
RPO312	2289	'107313145_/_43142326_1'		0.13	1.13	3.33	0.77	0.1	1.33	3.33 No	0.1 Element Fault
RPO312	2290	'4471622_/_4471619'		0.17	1.13	3.33	0.77	0.3	1.33	3.33 No	0.17 Primary Over-Voltage
RPO312	2291	'37797491_/_7324529'		0.17	1.13	3.33	0.77	0.1	1.33	3.33 No	0.1 Element Fault
RPO312	2292	'37797449_/_37797495'		0.17	1.13	3.33	0.77	0.1	1.33	3.33 No	0.1 Element Fault
RPO312	2293	'37797477_/_37797481'		0.17	1.13	3.33	0.77	0.1	1.33	3.33 No	0.1 Element Fault
RPO312	2294	'37797456_/_37797460'		0.17	1.13	3.33	0.77	0.1	1.33	3.33 No	0.1 Element Fault
RPO312	2295	'37797442_/_37797446'		0.17	1.13	3.33	0.77	0.1	1.33	3.33 No	0.1 Element Fault
RPO312	2296	'7324515_/_7324513'		0.17	1.13	3.33	0.77	0.1	1.32	3.33 No	0.1 Element Fault
RPO312	2297	'2387541_/_2387538'		0.27	2.4	3.33	0.77	0.1	1.24	3.33 No	0.1 Element Fault
RPO312	2298	'469965095_/_8274086'		0.17	1.13	3.33	0.77	0.1	1.32	3.33 No	0.1 Element Fault
RPO312	2299	'37614306_/_37614310'		0.23	1.2	3.33	0.77	0.1	1.31	3.33 No	0.1 Element Fault
RPO312	2300	'37614292_/_37614289'		0.23	1.2	3.33	0.77	0.1	1.31	3.33 No	0.1 Element Fault
RPO312	2301	'37614320_/_7538516'		0.23	1.2	3.33	0.77	0.1	1.31	3.33 No	0.1 Element Fault
RPO312	2302	'37614278_/_37614282'		0.23	1.2	3.33	0.77	0.1	1.31	3.33 No	0.1 Element Fault
RPO312	2303	'258088394_/_483609336_1'		3.33	1.4	3.33	0.77	0.1	1.14	3.33 No	0.1 Element Fault
RPO312	2304	'37614285_/_37614317'		0.23	1.2	3.33	0.77	0.1	1.3	3.33 No	0.1 Element Fault
RPO312	2305	'8170927_/_483609305_1'		3.33	1.4	3.33	0.77	0.4	1.14	3.33 No	0.4 Element Fault
RPO312	2306	'2384399_/_2384396'		0.13	1.1	3.33	0.77	0.3	1.33	3.33 No	0.13 Primary Over-Voltage
RPO312	2307	'8480466_/_8480463_1'		3.33	1.4	3.33	0.77	0.4	1.13	3.33 No	0.4 Element Fault
RPO312	2308	'7537790_/_554954925'		0.13	1.13	3.33	0.77	0.4	1.31	3.33 No	0.13 Primary Over-Voltage
RPO312	2309	'9115168_/_9115165'		0.23	1.17	3.33	0.77	0.1	1.3	3.33 No	0.1 Element Fault
RPO312	2310	'2384427_/_43142326_2'		0.13	1.1	3.33	0.77	0.1	1.31	3.33 No	0.1 Element Fault
RPO312	2311	'381053580_/_2382407_1'		3.33	1.4	3.33	0.77	0.1	1.13	3.33 No	0.1 Element Fault
RPO312	2312	'8797677_/_8797674'		0.23	1.17	3.33	0.77	0.1	1.29	3.33 No	0.1 Element Fault
RPO312	2313	'2387557_/_2387554'		0.23	2.4	3.33	0.77	0.1	1.23	3.33 No	0.1 Element Fault
RPO312	2314	'2384771_/_2384768'		0.23	1.17	3.33	0.77	0.1	1.3	3.33 No	0.1 Element Fault
RPO312	2315	'8170864_/_8797966_1'		0.23	2.4	3.33	0.77	0.1	1.23	3.33 No	0.1 Element Fault
RPO312	2316	'428900395_/_428900323_1'		0.23	2.4	3.33	0.77	0.1	1.23	3.33 No	0.1 Element Fault
RPO312	2317	'2382410_/_2382407_2'		3.33	1.4	3.33	0.77	0.1	1.13	3.33 No	0.1 Element Fault
RPO312	2318	'736378841_/_2385786_2'		3.33	1.4	3.33	0.77	0.1	1.13	3.33 No	0.1 Element Fault
RPO312	2319	'497347549_/_2385786_1'		3.33	1.4	3.33	0.77	0.1	1.13	3.33 No	0.1 Element Fault
RPO312	2320	'7222365_/_554954895'		0.13	1.13	3.33	0.77	0.4	1.3	3.33 No	0.13 Primary Over-Voltage
RPO312	2321	'347342047_/_2382941_1'		3.33	1.4	3.33	0.77	0.1	1.12	3.33 No	0.1 Element Fault
RPO312	2322	'497347654_/_483647634_1'		3.33	1.4	3.33	0.77	0.1	1.13	3.33 No	0.1 Element Fault
RPO312	2323	'762852470_/_483609305_2'		3.33	1.4	3.33	0.77	0.4	1.12	3.33 No	0.4 Element Fault
RPO312	2324	'43138167_/_2382420'		3.33	1.4	3.33	0.77	0.1	1.12	3.33 No	0.1 Element Fault
RPO312	2325	'8480402_/_483609336_2'		3.33	1.4	3.33	0.77	0.1	1.12	3.33 No	0.1 Element Fault
RPO312	2326	'7958404_/_7958401'		0.17	1.1	3.33	0.77	0.1	1.29	3.33 No	0.1 Element Fault
RPO312	2327	'483647618_/_483647634_2'		3.33	1.4	3.33	0.77	0.1	1.12	3.33 No	0.1 Element Fault
RPO312	2328	'428900341_/_428900323_2'		0.23	2.4	3.33	0.77	0.1	1.22	3.33 No	0.1 Element Fault
RPO312	2329	'2384412_/_2384409'		0.13	1.1	3.33	0.77	0.3	1.31	3.33 No	0.13 Primary Over-Voltage
RPO312	2330	'2384635_/_2384632'		0.23	1.13	3.33	0.77	0.4	1.29	3.33 No	0.23 Primary Over-Voltage
RPO312	2331	'43138389_/_2382941_2'		3.33	1.4	3.33	0.77	0.1	1.12	3.33 No	0.1 Element Fault
RPO312	2332	'2404513_/_7847438_1'		0.23	1.17	3.33	0.77	0.1	1.28	3.33 No	0.1 Element Fault
RPO312	2333	'2384444_/_2391905_1'		0.13	1.1	3.33	0.77	0.1	1.31	3.33 No	0.1 Element Fault
RPO312	2334	'86125992_/_103009298_1'		0.13	1.1	3.33	0.77	0.1	1.29	3.33 No	0.1 Element Fault
RPO312	2335	'43142369_/_7847438_2'		0.23	1.17	3.33	0.77	0.1	1.28	3.33 No	0.1 Element Fault
RPO312	2336	'9115184_/_9686538_1'		0.23	1.1	3.33	0.77	0.1	1.28	3.33 No	0.1 Element Fault
RPO312	2337	'2382873_/_43138169'		3.33	1.4	3.33	0.77	0.1	1.11	3.33 No	0.1 Element Fault
RPO312	2338	'37797218_/_46965116'		0.17	1.1	3.33	0.77	0.1	1.28	3.33 No	0.1 Element Fault

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RPO312	2339	'37797197_/_37797215'		0.17	1.1	3.33	0.77	0.1	1.28	3.33 No	0.1 Element Fault
RPO312	2340	'37797190_/_37797194'		0.17	1.1	3.33	0.77	0.1	1.28	3.33 No	0.1 Element Fault
RPO312	2341	'37797204_/_37797208'		0.17	1.1	3.33	0.77	0.1	1.28	3.33 No	0.1 Element Fault
RPO312	2342	'402199371_/_402199368'		0.17	1.1	3.33	0.77	0.1	1.28	3.33 No	0.1 Element Fault
RPO312	2343	'2385789_/_497347553'		3.33	1.4	3.33	0.77	0.1	1.12	3.33 No	0.1 Element Fault
RPO312	2344	'8170928_/_762852494'		3.33	1.4	3.33	0.77	0.4	1.11	3.33 No	0.4 Element Fault
RPO312	2345	'466832574_/_2391905_2'		0.13	1.07	3.33	0.77	0.1	1.3	3.33 No	0.1 Element Fault
RPO312	2346	'628700710_/_625923885'		0.13	1.23	3.33	0.77	0.3	1.27	3.33 No	0.13 Primary Over-Voltage
RPO312	2347	'2382899_/_2382896'		3.33	1.4	3.33	0.77	0.1	1.11	3.33 No	0.1 Element Fault
RPO312	2348	'7815562_/_8445153_1'		3.33	1.4	3.33	0.77	0.1	1.11	3.33 No	0.1 Element Fault
RPO312	2349	'2384647_/_2384645'		0.23	1.1	3.33	0.77	0.4	1.27	3.33 No	0.23 Primary Over-Voltage
RPO312	2350	'2384784_/_2384781'		0.23	1.13	3.33	0.77	0.1	1.27	3.33 No	0.1 Element Fault
RPO312	2351	'43142380_/_43142371'		0.23	1.13	3.33	0.77	0.1	1.27	3.33 No	0.1 Element Fault
RPO312	2352	'395054646_/_9686538_2'		0.23	1.1	3.33	0.77	0.1	1.27	3.33 No	0.1 Element Fault
RPO312	2353	'8797969_/_8797966_2'		0.23	2.4	3.33	0.77	0.1	1.2	3.33 No	0.1 Element Fault
RPO312	2354	'2368304_/_2391837'		0.1	1.07	3.33	0.77	0.3	1.27	3.33 No	0.1 Primary Over-Voltage
RPO312	2355	'395054586_/_395054583'		0.23	1.1	3.33	0.77	0.1	1.26	3.33 No	0.1 Element Fault
RPO312	2356	'395054578_/_395054575'		0.23	1.1	3.33	0.77	0.1	1.26	3.33 No	0.1 Element Fault
RPO312	2357	'395054570_/_395054718'		0.23	1.1	3.33	0.77	0.1	1.26	3.33 No	0.1 Element Fault
RPO312	2358	'395054561_/_395054567'		0.23	1.1	3.33	0.77	0.1	1.26	3.33 No	0.1 Element Fault
RPO312	2359	'395054562_/_395054559'		0.23	1.1	3.33	0.77	0.1	1.26	3.33 No	0.1 Element Fault
RPO312	2360	'8171682_/_554954877'		0.13	1.1	3.33	0.77	0.4	1.27	3.33 No	0.13 Primary Over-Voltage
RPO312	2361	'8445156_/_8445153_2'		3.33	1.4	3.33	0.77	0.1	1.1	3.33 No	0.1 Element Fault
RPO312	2362	'467109033_/_467109030'		3.33	1.4	3.33	0.77	0.1	1.1	3.33 No	0.1 Element Fault
RPO312	2363	'43147922_/_43142382'		0.23	1.13	3.33	0.77	0.1	1.26	3.33 No	0.1 Element Fault
RPO312	2364	'395054684_/_395054740'		0.23	1.1	3.33	0.77	0.1	1.26	3.33 No	0.1 Element Fault
RPO312	2365	'9058133_/_395054688'		0.23	1.1	3.33	0.77	0.1	1.26	3.33 No	0.1 Element Fault
RPO312	2366	'2382912_/_2382909'		3.33	1.4	3.33	0.77	0.1	1.1	3.33 No	0.1 Element Fault
RPO312	2367	'8798257_/_8798254'		0.23	1.13	3.33	0.77	0.1	1.25	3.33 No	0.1 Element Fault
RPO312	2368	'8480465_/_8480463_2'		3.33	1.4	3.33	0.77	0.4	1.1	3.33 No	0.4 Element Fault
RPO312	2369	'2368305_/_2368302'		0.1	1.07	3.33	0.77	0.3	1.25	3.33 No	0.1 Primary Over-Voltage
RPO312	2370	'8171545_/_8481299'		3.33	1.4	3.33	0.77	0.4	1.09	3.33 No	0.4 Element Fault
RPO312	2371	'2388924_/_466832580'		0.13	1.03	3.33	0.77	0.1	1.27	3.33 No	0.1 Element Fault
RPO312	2372	'2425713_/_2425710'		0.23	1.1	3.33	0.77	0.1	1.23	3.33 No	0.1 Element Fault
RPO312	2373	'8170767_/_8171543'		3.33	1.4	3.33	0.77	0.4	1.08	3.33 No	0.4 Element Fault
RPO312	2374	'37797330_/_9531728'		0.17	1.07	3.33	0.77	0.1	1.24	3.33 No	0.1 Element Fault
RPO312	2375	'402199625_/_37797327'		0.17	1.07	3.33	0.77	0.1	1.24	3.33 No	0.1 Element Fault
RPO312	2376	'37797344_/_37797348'		0.17	1.07	3.33	0.77	0.1	1.24	3.33 No	0.1 Element Fault
RPO312	2377	'37797316_/_37797320'		0.17	1.07	3.33	0.77	0.1	1.24	3.33 No	0.1 Element Fault
RPO312	2378	'402199626_/_402199623'		0.17	1.07	3.33	0.77	0.1	1.24	3.33 No	0.1 Element Fault
RPO312	2379	'39665610_/_9058131'		0.23	1.07	3.33	0.77	0.1	1.24	3.33 No	0.1 Element Fault
RPO312	2380	'9217505_/_9217502'		0.17	1.07	3.33	0.77	0.1	1.24	3.33 No	0.1 Element Fault
RPO312	2381	'8797213_/_103009298_2'		0.13	1.03	3.33	0.77	0.1	1.24	3.33 No	0.1 Element Fault
RPO312	2382	'9115802_/_554954886'		0.13	1.07	3.33	0.77	0.4	1.24	3.33 No	0.13 Primary Over-Voltage
RPO312	2383	'43146773_/_2368315'		0.1	1.03	3.33	0.77	0.3	1.24	3.33 No	0.1 Primary Over-Voltage
RPO312	2384	'2385802_/_2385799'		3.33	1.4	3.33	0.77	0.1	1.08	3.33 No	0.1 Element Fault
RPO312	2385	'2384661_/_43142427'		0.2	1.03	3.33	0.77	0.4	1.22	3.33 No	0.2 Primary Over-Voltage
RPO312	2386	'2368331_/_43146775'		0.1	1.03	3.33	0.77	0.3	1.22	3.33 No	0.1 Primary Over-Voltage
RPO312	2387	'9217553_/_9531676'		0.17	1.03	3.33	0.77	0.1	1.22	3.33 No	0.1 Element Fault
RPO312	2388	'8741248_/_44093975'		0.2	1.03	3.33	0.77	0.1	1.22	3.33 No	0.1 Element Fault
RPO312	2389	'8273941_/_648164246'		0.17	1.03	3.33	0.77	0.1	1.22	3.33 No	0.1 Element Fault
RPO312	2390	'2368347_/_2368344'		0.1	1	3.33	0.77	0.3	1.21	3.33 No	0.1 Primary Over-Voltage
RPO312	2391	'2388925_/_2388922_1'		0.13	1	3.33	0.77	0.1	1.23	3.33 No	0.1 Element Fault
RPO312	2392	'8170768_/_8170765'		3.33	1.4	3.33	0.77	0.4	1.06	3.33 No	0.4 Element Fault
RPO312	2393	'37797232_/_352174104'		0.17	1	3.33	0.77	0.1	1.21	3.33 No	0.1 Element Fault
RPO312	2394	'37797239_/_37797236'		0.17	1	3.33	0.77	0.1	1.21	3.33 No	0.1 Element Fault
RPO312	2395	'43143496_/_2388922_2'		0.13	1	3.33	0.77	0.1	1.21	3.33 No	0.1 Element Fault
RPO312	2396	'402199489_/_402199486'		0.17	1	3.33	0.77	0.1	1.21	3.33 No	0.1 Element Fault
RPO312	2397	'37797260_/_37797264'		0.17	1	3.33	0.77	0.1	1.21	3.33 No	0.1 Element Fault
RPO312	2398	'37797246_/_37797243'		0.17	1	3.33	0.77	0.1	1.21	3.33 No	0.1 Element Fault
RPO312	2399	'2368360_/_2368357'		0.1	1	3.33	0.77	0.3	1.2	3.33 No	0.1 Primary Over-Voltage
RPO312	2400	'7639547_/_9217582'		0.13	1	3.33	0.77	0.1	1.2	3.33 No	0.1 Element Fault
RPO312	2401	'2392494_/_2392491'		0.1	1	3.33	0.77	0.3	1.2	3.33 No	0.1 Primary Over-Voltage
RPO312	2402	'2405045_/_2405042'		3.33	1.4	3.33	0.77	0.1	1.05	3.33 No	0.1 Element Fault
RPO312	2403	'8583884_/_8583882'		0.13	1	3.33	0.77	0.1	1.19	3.33 No	0.1 Element Fault
RPO312	2404	'7639546_/_7639544'		0.13	1	3.33	0.77	0.1	1.18	3.33 No	0.1 Element Fault
RPO312	2405	'2405071_/_2405068'		3.33	1.4	3.33	0.77	0.1	1.04	3.33 No	0.1 Element Fault
RPO312	2406	'395054804_/_395054823'		0.2	1	3.33	0.77	0.1	1.17	3.33 No	0.1 Element Fault
RPO312	2407	'2368373_/_2368370'		0.1	0.97	3.33	0.77	0.3	1.17	3.33 No	0.1 Primary Over-Voltage
RPO312	2408	'8741249_/_8741246'		0.2	1	3.33	0.77	0.1	1.16	3.33 No	0.1 Element Fault
RPO312	2409	'2421944_/_2421941'		3.33	1.4	3.33	0.77	0.1	1.03	3.33 No	0.1 Element Fault
RPO312	2410	'2388938_/_43143498'		0.13	0.93	3.33	0.77	0.1	1.16	3.33 No	0.1 Element Fault
RPO312	2411	'2368389_/_2368386'		0.1	0.97	3.33	0.77	0.3	1.16	3.33 No	0.1 Primary Over-Voltage
RPO312	2412	'9217600_/_352174083'		0.13	0.97	3.33	0.77	0.1	1.16	3.33 No	0.1 Element Fault
RPO312	2413	'2385814_/_2405055'		3.33	1.4	3.33	0.77	0.1	1.02	3.33 No	0.1 Element Fault
RPO312	2414	'124179048_/_2368399_1'		0.1	0.93	3.33	0.77	0.2	1.15	3.33 No	0.1 Primary Over-Voltage
RPO312	2415	'2368402_/_2368399_2'		0.1	0.93	3.33	0.77	0.2	1.14	3.33 No	0.1 Primary Over-Voltage
RPO312	2416	'2368418_/_2368415'		0.1	0.93	3.33	0.77	0.2	1.12	3.33 No	0.1 Primary Over-Voltage
RPO312	2417	'2368431_/_2368428'		0.1	0.9	3.33	0.77	0.2	1.11	3.33 No	0.1 Primary Over-Voltage
RPO312	2418	'2385815_/_2385812'		3.33	1.4	3.33	0.77	0.1	0.99	3.33 No	0.1 Element Fault
RPO312	2419	'8170895_/_8170893_1'		3.33	1.4	3.33	0.77	0.1	0.99	3.33 No	0.1 Element Fault
RPO312	2420	'8170896_/_8170893_2'		3.33	1.4	3.33	0.77	0.1	0.98	3.33 No	0.1 Element Fault
RPO312	2421	'2388951_/_2388948'		0.13	0.87	3.33	0.77	0.1	1.1	3.33 No	0.1 Element Fault
RPO312	2422	'2389329_/_2391996'		0.13	0.87	3.33	0.77	0.1	1.1	3.33 No	0.1 Element Fault
RPO312	2423	'2368444_/_2368441'		0.1	0.9	3.33	0.77	0.2	1.09	3.33 No	0.1 Primary Over-Voltage
RPO312	2424	'2388967_/_2388964'		0.13	0.87	3.33	0.77	0.1	1.09	3.33 No	0.1 Element Fault
RPO312	2425	'2368585_/_2389327'		0.13	0.87	3.33	0.77	0.1	1.08	3.33 No	0.1 Element Fault
RPO312	2426	'2368460_/_2368457'		0.1	0.87	3.33	0.77	0.2	1.08	3.33 No	0.1 Primary Over-Voltage
RPO312	2427	'2368518_/_2368515'		0.1	0.87	3.33	0.77	0.2	1.08	3.33 No	0.1 Primary Over-Voltage
RPO312	2428	'2368476_/_2368473'		0.1	0.87	3.33	0.77	0.2	1.07	3.33 No	0.1 Primary Over-Voltage
RPO312	2429	'2368586_/_2368583'		0.13	0.87	3.33	0.77	0.1	1.07	3.33 No	0.1 Element Fault
RPO312	2430	'2368531_/_2368528'		0.1	0.87	3.33	0.77	0.2	1.06	3.33 No	0.1 Primary Over-Voltage
RPO312	2431	'43143606_/_2368596'		0.13	0.83	3.33	0.77	0.1	1.06	3.33 No	0.1 Element Fault
RPO312	2432	'43138702_/_2368486'		0.1	0.87	3.33	0.77	0.2	1.06	3.33 No	0.1 Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RPO312	2433	'2368612_/_43143608'	0.13	0.83	3.33	0.77	0.1	1.04	3.33 No	0.1	Element Fault
RPO312	2434	'2368625_/_2368622'	0.13	0.83	3.33	0.77	0.1	1.03	3.33 No	0.1	Element Fault
RPO312	2435	'2368263_/_2368499'	0.1	0.83	3.33	0.77	0.2	1.03	3.33 No	0.1	Primary Over-Voltage
RPO312	2436	'2368276_/_2368286_1'	0.1	0.83	3.33	0.77	0.1	1.03	3.33 No	0.1	Primary Over-Voltage
RPO312	2437	'2368803_/_2368800'	0.13	0.83	3.33	0.77	0.1	1.03	3.33 No	0.1	Element Fault
RPO312	2438	'2368262_/_2368260'	0.1	0.83	3.33	0.77	0.2	1.02	3.33 No	0.1	Primary Over-Voltage
RPO312	2439	'2368638_/_2368635'	0.13	0.8	3.33	0.77	0.1	1.02	3.33 No	0.1	Element Fault
RPO312	2440	'624481817_/_624481774_1'	0.13	0.8	3.33	0.77	0.1	1.02	3.33 No	0.1	Element Fault
RPO312	2441	'2368289_/_2368286_2'	0.1	0.8	3.33	0.77	0.1	1.01	3.33 No	0.1	Primary Over-Voltage
RPO312	2442	'43138691_/_43138693'	0.1	0.8	3.33	0.77	0.2	1.01	3.33 No	0.1	Primary Over-Voltage
RPO312	2443	'2368651_/_2368648'	0.13	0.8	3.33	0.77	0.1	1.01	3.33 No	0.1	Element Fault
RPO312	2444	'2368237_/_2368247'	0.1	0.8	3.33	0.77	0.2	1	3.33 No	0.1	Primary Over-Voltage
RPO312	2445	'624481758_/_624481774_2'	0.13	0.8	3.33	0.77	0.1	1	3.33 No	0.1	Element Fault
RPO312	2446	'2368664_/_2368661'	0.13	0.8	3.33	0.77	0.1	1	3.33 No	0.1	Element Fault
RPO312	2447	'2368224_/_2368234'	0.1	0.8	3.33	0.77	0.2	0.99	3.33 No	0.1	Primary Over-Voltage
RPO312	2448	'2368677_/_2368674'	0.13	0.8	3.33	0.77	0.1	0.99	3.33 No	0.1	Element Fault
RPO312	2449	'2368211_/_2368221'	0.07	0.8	3.33	0.77	0.2	0.98	3.33 No	0.07	Primary Over-Voltage
RPO312	2450	'2368690_/_2368687'	0.13	0.8	3.33	0.77	0.1	0.98	3.33 No	0.1	Element Fault
RPO312	2451	'2368198_/_2368208'	0.07	0.77	3.33	0.77	0.2	0.98	3.33 No	0.07	Primary Over-Voltage
RPO312	2452	'2368706_/_2368703'	0.13	0.77	3.33	0.77	0.1	0.97	3.33 No	0.1	Element Fault
RPO312	2453	'43138680_/_2368195'	0.07	0.77	3.33	0.77	0.2	0.97	3.33 No	0.07	Primary Over-Voltage
RPO312	2454	'2368722_/_2368719'	0.13	0.77	3.33	0.77	0.1	0.96	3.33 No	0.1	Element Fault
RPO312	2455	'2368832_/_2389463_1'	0.13	0.77	3.33	0.77	0.1	0.96	3.33 No	0.1	Element Fault
RPO312	2456	'2368169_/_2368182'	0.07	0.77	3.33	0.77	0.2	0.96	3.33 No	0.07	Primary Over-Voltage
RPO312	2457	'43138669_/_43138671'	0.07	0.77	3.33	0.77	0.2	0.95	3.33 No	0.07	Primary Over-Voltage
RPO312	2458	'2368777_/_2368787'	0.1	0.77	3.33	0.77	0.1	0.94	3.33 No	0.1	Primary Over-Voltage
RPO312	2459	'2406584_/_2406582'	0.07	0.77	3.33	0.77	0.2	0.94	3.33 No	0.07	Primary Over-Voltage
RPO312	2460	'50942375_/_8797578_2'	0.07	0.77	3.33	0.77	0.2	0.94	3.33 No	0.07	Primary Over-Voltage
RPO312	2461	'8480774_/_8797578_1'	0.07	0.73	3.33	0.77	0.1	0.93	3.33 No	0.07	Primary Over-Voltage
RPO312	2462	'2389342_/_2389463_2'	0.1	0.73	3.33	0.77	0.1	0.93	3.33 No	0.1	Primary Over-Voltage
RPO312	2463	'2368816_/_2368813'	0.1	0.73	3.33	0.77	0.1	0.93	3.33 No	0.1	Primary Over-Voltage
RPO312	2464	'2368764_/_2368774'	0.1	0.73	3.33	0.77	0.1	0.93	3.33 No	0.1	Primary Over-Voltage
RPO312	2465	'7221687_/_8480771_2'	0.07	0.73	3.33	0.77	0.1	0.93	3.33 No	0.07	Primary Over-Voltage
RPO312	2466	'2406572_/_8480771_1'	0.07	0.73	3.33	0.77	0.1	0.93	3.33 No	0.07	Primary Over-Voltage
RPO312	2467	'2389411_/_2389408'	0.1	0.73	3.33	0.77	0.1	0.92	3.33 No	0.1	Primary Over-Voltage
RPO312	2468	'2368117_/_2406569'	0.07	0.73	3.33	0.77	0.1	0.92	3.33 No	0.07	Primary Over-Voltage
RPO312	2469	'2368748_/_2368761'	0.1	0.73	3.33	0.77	0.1	0.92	3.33 No	0.1	Primary Over-Voltage
RPO312	2470	'43138658_/_43138660'	0.07	0.73	3.33	0.77	0.1	0.91	3.33 No	0.07	Primary Over-Voltage
RPO312	2471	'2368734_/_2368745'	0.1	0.73	3.33	0.77	0.1	0.91	3.33 No	0.1	Primary Over-Voltage
RPO312	2472	'2368091_/_2368101'	0.07	0.73	3.33	0.77	0.1	0.91	3.33 No	0.07	Primary Over-Voltage
RPO312	2473	'651177380_/_2389340'	0.1	0.73	3.33	0.77	0.1	0.91	3.33 No	0.1	Primary Over-Voltage
RPO312	2474	'2368090_/_2368088'	0.07	0.73	3.33	0.77	0.1	0.9	3.33 No	0.07	Primary Over-Voltage
RPO312	2475	'2389343_/_651177384'	0.1	0.7	3.33	0.77	0.1	0.9	3.33 No	0.1	Primary Over-Voltage
RPO312	2476	'2368735_/_43143641'	0.1	0.7	3.33	0.77	0.1	0.9	3.33 No	0.1	Primary Over-Voltage
RPO312	2477	'43138647_/_43138649'	0.07	0.7	3.33	0.77	0.1	0.9	3.33 No	0.07	Primary Over-Voltage
RPO312	2478	'43143684_/_2389395'	0.1	0.7	3.33	0.77	0.1	0.9	3.33 No	0.1	Primary Over-Voltage
RPO312	2479	'2389355_/_2389450'	0.1	0.7	3.33	0.77	0.1	0.89	3.33 No	0.1	Primary Over-Voltage
RPO312	2480	'2368065_/_2368075'	0.07	0.7	3.33	0.77	0.1	0.89	3.33 No	0.07	Primary Over-Voltage
RPO312	2481	'2389381_/_2389437'	0.1	0.7	3.33	0.77	0.1	0.89	3.33 No	0.1	Primary Over-Voltage
RPO312	2482	'2368064_/_2368062'	0.07	0.7	3.33	0.77	0.1	0.88	3.33 No	0.07	Primary Over-Voltage
RPO312	2483	'2389356_/_2389353'	0.1	0.7	3.33	0.77	0.1	0.88	3.33 No	0.1	Primary Over-Voltage
RPO312	2484	'43138636_/_43138638'	0.07	0.7	3.33	0.77	0.1	0.88	3.33 No	0.07	Primary Over-Voltage
RPO312	2485	'2389382_/_2389379'	0.1	0.7	3.33	0.77	0.1	0.87	3.33 No	0.1	Primary Over-Voltage
RPO312	2486	'2389369_/_2389366'	0.1	0.7	3.33	0.77	0.1	0.87	3.33 No	0.1	Primary Over-Voltage
RPO312	2487	'2383886_/_2383896'	0.07	0.7	3.33	0.77	0.1	0.87	3.33 No	0.07	Primary Over-Voltage
RPO312	2488	'2383873_/_2383883'	0.07	0.7	3.33	0.77	0.1	0.86	3.33 No	0.07	Primary Over-Voltage
RPO312	2489	'2368156_/_2383870'	0.07	0.67	3.33	0.77	0.1	0.86	3.33 No	0.07	Primary Over-Voltage
RPO312	2490	'43149791_/_43149793'	0.07	0.67	3.33	0.77	0.1	0.84	3.33 No	0.07	Primary Over-Voltage
RPO312	2491	'2383685_/_2368557'	0.07	0.67	3.33	0.77	0.1	0.84	3.33 No	0.07	Primary Over-Voltage
RPO312	2492	'2383672_/_2383682'	0.07	0.67	3.33	0.77	0.1	0.83	3.33 No	0.07	Primary Over-Voltage
RPO312	2493	'2383671_/_2383669'	0.07	0.67	3.33	0.77	0.1	0.83	3.33 No	0.07	Primary Over-Voltage
RPO312	2494	'43138547_/_43138549'	0.07	0.67	3.33	0.77	0.1	0.83	3.33 No	0.07	Primary Over-Voltage
RPO312	2495	'2383646_/_2383656'	0.07	0.67	3.33	0.77	0.1	0.82	3.33 No	0.07	Primary Over-Voltage
RPO312	2496	'2383633_/_2383643'	0.07	0.63	3.33	0.77	0.1	0.82	3.33 No	0.07	Primary Over-Voltage
RPO312	2497	'2383620_/_2383630'	0.07	0.63	3.33	0.77	0.1	0.81	3.33 No	0.07	Primary Over-Voltage
RPO312	2498	'43138536_/_2383617'	0.07	0.63	3.33	0.77	0.1	0.81	3.33 No	0.07	Primary Over-Voltage
RPO312	2499	'2383261_/_2391523'	0.07	0.63	3.33	0.77	0.1	0.8	3.33 No	0.07	Primary Over-Voltage
RPO312	2500	'2383248_/_2383258'	0.07	0.63	3.33	0.77	0.1	0.8	3.33 No	0.07	Primary Over-Voltage
RPO312	2501	'2383247_/_2383245'	0.07	0.63	3.33	0.77	0.1	0.79	3.33 No	0.07	Primary Over-Voltage
RPO312	2502	'252525154_/_57788675_1'	3.33	0.73	3.33	0.77	0.1	0.55	3.33 No	0.1	Element Fault
RPO312	2503	'479725102_/_57788675_2'	3.33	0.73	3.33	0.77	0.1	0.55	3.33 No	0.1	Element Fault
RPO312	2504	'7636315_/_479725132'	3.33	0.73	3.33	0.77	0.1	0.54	3.33 No	0.1	Element Fault
RRK061	0	'RRK061_/_7815949'	10	10	10	0.656	10	10	8.82 No	0.656	Thermal Discharging
RRK061	1	'38013814_/_7815949'	10	10	10	0.656	10	10	8.82 No	0.656	Thermal Discharging
RRK061	2	'404546229_/_38013812'	10	10	10	0.656	10	10	8.82 No	0.656	Thermal Discharging
RRK061	3	'38013815_/_65105330'	10	10	10	0.656	10	10	8.82 No	0.656	Thermal Discharging
RRK061	4	'38013821_/_38013819'	10	10	10	0.656	10	10	8.82 No	0.656	Thermal Discharging
RRK061	5	'404546230_/_71375303'	10	10	10	0.656	10	10	8.82 No	0.656	Thermal Discharging
RRK061	6	'38013829_/_65105341_1'	10	10	10	0.656	10	10	8.82 No	0.656	Thermal Discharging
RRK061	7	'65105349_/_65105341_2'	10	10	10	0.656	10	10	8.82 No	0.656	Thermal Discharging
RRK061	8	'114681224_/_9704174_2'	10	10	10	0.656	10	10	8.82 No	0.656	Thermal Discharging
RRK061	9	'70621215_/_9704174_1'	10	10	10	0.656	10	10	8.82 No	0.656	Thermal Discharging
RRK061	10	'49996664_/_49996633'	10	10	10	0.656	10	10	8.82 No	0.656	Thermal Discharging
RRK061	11	'5571455_/_7169547'	10	10	10	0.656	10	10	8.82 No	0.656	Thermal Discharging
RRK061	12	'5571456_/_5571453'	10	10	10	0.656	10	10	8.82 No	0.656	Thermal Discharging
RRK061	13	'44075368_/_5571825'	10	10	10	0.656	10	10	8.82 No	0.656	Thermal Discharging
RRK061	14	'50666173_/_5569803'	10	10	10	0.656	10	10	8.82 No	0.656	Thermal Discharging
RRK061	15	'5574022_/_5574019'	10	10	10	0.656	10	10	8.82 No	0.656	Thermal Discharging
RRK061	16	'5573567_/_5574036'	10	10	10	0.656	10	10	8.82 No	0.656	Thermal Discharging
RRK061	17	'5573568_/_5573565'	10	10	10	0.656	10	10	8.82 No	0.656	Thermal Discharging
RRK061	18	'5573585_/_5573582'	10	10	10	0.656	10	10	8.82 No	0.656	Thermal Discharging
RRK061	19	'7182446_/_7182444'	10	10	10	0.656	10	10	8.82 No	0.656	Thermal Discharging
RRK061	20	'644101485_/_7503646_2'	10	10	10	0.656	10	10	8.82 No	0.656	Thermal Discharging
RRK061	21	'7182484_/_7503646_1'	10	10	10	0.656	10	10	8.82 No	0.656	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RRK061	22	'5573934_/7182404'		10	10	10	0.656	10	10	8.82 No	0.656 Thermal Discharging
RRK061	23	'43740409_/43740411'		10	10	10	0.656	10	10	8.82 No	0.656 Thermal Discharging
RRK061	24	'5573063_/5573931'		10	10	10	0.656	10	10	8.82 No	0.656 Thermal Discharging
RRK061	25	'5573043_/5573060'		10	10	10	0.656	10	10	8.82 No	0.656 Thermal Discharging
RRK061	26	'5573023_/5573040'		10	10	10	0.656	10	10	8.82 No	0.656 Thermal Discharging
RRK061	27	'5573006_/5573020'		10	10	10	0.656	10	10	8.82 No	0.656 Thermal Discharging
RRK061	28	'5572989_/5573003'		10	10	10	0.656	10	10	8.82 No	0.656 Thermal Discharging
RRK061	29	'5572972_/5572986'		10	10	10	0.656	10	10	8.82 No	0.656 Thermal Discharging
RRK061	30	'5572952_/5572969'		10	10	10	0.656	10	10	8.82 No	0.656 Thermal Discharging
RRK061	31	'5572883_/5572949'		10	10	10	0.656	10	10	8.82 No	0.656 Thermal Discharging
RRK061	32	'5572884_/5572881'		10	10	10	0.656	10	10	8.82 No	0.656 Thermal Discharging
RRK061	33	'450549341_/450549196'		10	10	10	0.656	10	10	8.82 No	0.656 Thermal Discharging
RRK061	34	'5572901_/450549343'		10	10	10	0.656	10	10	8.82 No	0.656 Thermal Discharging
RRK061	35	'5572918_/5572915'		10	10	10	0.656	10	10	8.82 No	0.656 Thermal Discharging
RRK061	36	'450549234_/450549253'		10	10	10	0.656	5.6	10	8.82 No	0.656 Thermal Discharging
RRK062	0	'RRK062_/7741739'		10	10	10	4.296	10	10	4.8 No	4.296 Thermal Discharging
RRK062	1	'5571561_/7741739'		10	10	10	4.296	10	10	4.8 No	4.296 Thermal Discharging
RRK062	2	'5569468_/423614022'		10	10	10	4.296	10	10	4.8 No	4.296 Thermal Discharging
RRK062	3	'5569485_/5569482'		10	10	10	4.296	10	10	4.8 No	4.296 Thermal Discharging
RRK062	4	'5569505_/5569502'		10	10	10	4.296	10	10	4.8 No	4.296 Thermal Discharging
RRK062	5	'5569522_/5569519'		10	10	10	4.296	10	10	4.8 No	4.296 Thermal Discharging
RRK062	6	'5569539_/5569536'		10	10	10	4.296	10	10	4.8 No	4.296 Thermal Discharging
RRK062	7	'5569562_/5569559'		10	10	10	4.296	10	10	4.8 No	4.296 Thermal Discharging
RRK062	8	'5569579_/5569576'		10	10	10	4.296	10	10	4.8 No	4.296 Thermal Discharging
RRK062	9	'7082937_/7082934'		10	10	10	4.296	10	10	4.8 No	4.296 Thermal Discharging
RRK062	10	'373088772_/8276036_1'		10	10	10	4.296	10	10	4.8 No	4.296 Thermal Discharging
RRK062	11	'4524111_/8276036_2'		10	10	10	4.296	10	10	4.8 No	4.296 Thermal Discharging
RRK062	12	'54083025_/4524109'		10	10	10	4.296	10	10	4.8 No	4.296 Thermal Discharging
RRK062	13	'54083130_/54083084_1'		10	10	10	4.296	1.5	10	4.8 No	1.5 Element Fault
RRK062	14	'4524112_/54083027'		10	10	10	4.296	10	10	4.8 No	4.296 Thermal Discharging
RRK062	15	'4524135_/4524132'		10	10	10	4.296	10	10	4.8 No	4.296 Thermal Discharging
RRK062	16	'4524152_/4524149'		10	10	10	4.296	10	10	4.8 No	4.296 Thermal Discharging
RRK062	17	'4524169_/4524166'		10	10	10	4.296	10	10	4.8 No	4.296 Thermal Discharging
RRK062	18	'4524359_/4524356'		10	10	10	4.296	10	10	4.8 No	4.296 Thermal Discharging
RRK062	19	'4524376_/4524373'		10	10	10	4.296	10	10	4.8 No	4.296 Thermal Discharging
RRK062	20	'4524393_/4524390'		10	10	10	4.296	10	10	4.8 No	4.296 Thermal Discharging
RRK062	21	'4524410_/4524407_1'		10	10	10	4.296	10	10	4.8 No	4.296 Thermal Discharging
RRK062	22	'43522851_/4524407_2'		10	10	10	4.296	10	10	4.8 No	4.296 Thermal Discharging
RRK062	23	'43531159_/43522853'		10	10	10	4.296	10	10	4.8 No	4.296 Thermal Discharging
RRK062	24	'71306295_/4528066'		10	10	10	4.296	10	10	4.8 No	4.296 Thermal Discharging
RRK062	25	'4539915_/4539912'		10	10	10	4.296	10	10	4.8 No	4.296 Thermal Discharging
RRK062	26	'71306361_/71306343_1'	3.33		3.33	3.33	1.432	0.7	3.33	1.6 No	0.7 Element Fault
RRK062	27	'428323560_/4540017'		10	10	10	4.296	10	10	4.8 No	4.296 Thermal Discharging
RRK062	28	'43532222_/428323568'		10	10	10	4.296	10	10	4.8 No	4.296 Thermal Discharging
RRK062	29	'70128276_/4540034'		10	10	10	4.296	10	10	4.8 No	4.296 Thermal Discharging
RRK062	30	'54083077_/54083084_2'		10	10	10	4.296	1.5	10	4.8 No	1.5 Element Fault
RRK062	31	'4539867_/4540051'		10	10	10	4.296	10	10	4.8 No	4.296 Thermal Discharging
RRK062	32	'43531185_/4539865'		10	10	10	4.296	10	10	4.8 No	4.296 Thermal Discharging
RRK062	33	'4531680_/4531677'		10	10	10	4.296	10	10	4.8 No	4.296 Thermal Discharging
RRK062	34	'4535318_/4535315'		10	10	10	4.296	10	10	4.8 No	4.296 Thermal Discharging
RRK062	35	'577070178_/577070127'		10	10	10	4.296	10	10	4.8 No	4.296 Thermal Discharging
RRK062	36	'4535335_/577070182'		10	10	10	4.296	10	10	4.8 No	4.296 Thermal Discharging
RRK062	37	'4535352_/4535349'		10	10	10	4.296	10	10	4.8 No	4.296 Thermal Discharging
RRK062	38	'4535369_/4535366'		10	10	10	4.296	10	10	4.8 No	4.296 Thermal Discharging
RRK062	39	'43522877_/4535535'		10	10	10	4.296	10	10	4.8 No	4.296 Thermal Discharging
RRK062	40	'453449731_/71306343_2'	3.33		3.33	3.33	1.432	0.7	3.33	1.6 No	0.7 Element Fault
RRK062	41	'4535503_/43522879'		10	10	10	4.296	10	10	4.8 No	4.296 Thermal Discharging
RRK062	42	'71306336_/453449794'	3.33		3.33	3.33	1.432	0.7	3.33	1.6 No	0.7 Element Fault
RRK062	43	'43528431_/4535501'		10	10	10	4.296	10	10	4.8 No	4.296 Thermal Discharging
RRK062	44	'484648926_/43528433'		10	10	10	4.296	10	10	4.8 No	4.296 Thermal Discharging
RRK062	45	'4523958_/484648930'		10	10	10	4.296	10	10	4.8 No	4.296 Thermal Discharging
RRK062	46	'4523959_/4523956'		10	10	10	4.296	10	10	4.8 No	4.296 Thermal Discharging
RRK062	47	'71579122_/71579125'		10	10	10	4.296	10	10	4.8 No	4.296 Thermal Discharging
RRK062	48	'102128594_/71579238_1'		10	10	10	4.296	10	10	4.8 No	4.296 Thermal Discharging
RRK062	49	'102128622_/71579238_2'		10	10	10	4.296	10	10	4.8 No	4.296 Thermal Discharging
RRK062	50	'71579156_/71579238_3'		10	10	10	4.296	10	10	4.8 No	4.296 Thermal Discharging
RRK062	51	'4523993_/4523990'		10	10	10	4.296	10	10	4.8 No	4.296 Thermal Discharging
RRK062	52	'4524010_/4524007'		10	10	10	4.296	10	10	4.8 No	4.296 Thermal Discharging
RRK062	53	'4524460_/4525913'		10	10	10	4.296	10	10	4.8 No	4.296 Thermal Discharging
RRK062	54	'4524461_/4524458'		10	10	10	4.296	10	10	4.8 No	4.296 Thermal Discharging
RRK062	55	'4524634_/4524631'		10	10	10	4.296	10	10	4.8 No	4.296 Thermal Discharging
RRK062	56	'4524651_/4524648'		10	10	10	4.296	10	10	4.8 No	4.296 Thermal Discharging
RRK062	57	'4524668_/4524665'		10	10	10	4.296	10	10	4.8 No	4.296 Thermal Discharging
RRK062	58	'4524685_/4524682'		10	10	10	4.296	10	10	4.8 No	4.296 Thermal Discharging
RRK062	59	'4524702_/4524699'		10	10	10	4.296	10	10	4.8 No	4.296 Thermal Discharging
RRK062	60	'4524719_/4524716'		10	10	10	4.296	10	10	4.8 No	4.296 Thermal Discharging
RRK062	61	'4524735_/4525936'		10	10	10	4.296	10	10	4.8 No	4.296 Thermal Discharging
RRK062	62	'52502956_/4524733'		10	10	10	4.296	10	10	4.8 No	4.296 Thermal Discharging
RRK062	63	'52503058_/52502970_1'		10	10	10	4.296	10	10	4.8 No	4.296 Thermal Discharging
RRK062	64	'52503076_/52502970_2'		10	10	10	4.296	10	10	4.8 No	4.296 Thermal Discharging
RRK062	65	'52502964_/52502970_3'		10	10	10	4.296	10	10	4.8 No	4.296 Thermal Discharging
RRK062	66	'43525798_/4533928'		10	10	10	4.296	10	10	4.8 No	4.296 Thermal Discharging
RRK062	67	'4525204_/4525201'		10	10	10	4.296	10	10	4.8 No	4.296 Thermal Discharging
RRK062	68	'4525221_/4525218'		10	10	10	4.296	10	10	4.8 No	4.296 Thermal Discharging
RRK062	69	'4525238_/4525235'		10	10	10	4.296	10	10	4.8 No	4.296 Thermal Discharging
RRK062	70	'4525255_/4525252'		10	10	10	4.296	10	10	4.8 No	4.296 Thermal Discharging
RRK062	71	'4532468_/4532465'		10	10	10	4.296	10	10	4.8 No	4.296 Thermal Discharging
RRK062	72	'43525811_/4532482'		10	10	10	4.296	10	10	4.8 No	4.296 Thermal Discharging
RRK062	73	'4532502_/43525813'		10	10	10	4.296	10	10	4.8 No	4.296 Thermal Discharging
RRK062	74	'4532519_/4532516'		10	10	10	4.296	10	10	4.8 No	4.296 Thermal Discharging
RRK062	75	'43526005_/4532533'		10	10	10	4.296	10	10	4.8 No	4.296 Thermal Discharging
RRK062	76	'4532678_/4532675'		10	10	10	4.296	10	10	4.8 No	4.296 Thermal Discharging
RRK062	77	'4525532_/4532692'		10	10	10	4.296	10	10	4.8 No	4.296 Thermal Discharging
RRK062	78	'43526018_/4525530'		10	10	10	4.296	10	10	4.8 No	4.296 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RRK062	79	'4525550_/_4525547'	10		10	10	4.296	10	10	4.8 No	4.296 Thermal Discharging
RRK062	80	'4525567_/_4525564'	10		10	10	4.296	10	10	4.8 No	4.296 Thermal Discharging
RRK062	81	'4525584_/_4525581'	10		10	10	4.296	10	10	4.8 No	4.296 Thermal Discharging
RRK062	82	'4525601_/_4525598'	10		10	10	4.296	10	10	4.8 No	4.296 Thermal Discharging
RRK062	83	'4525618_/_4525615'	10		10	10	4.296	10	10	4.8 No	4.296 Thermal Discharging
RRK062	84	'4525635_/_4525632'	10		10	10	4.296	10	10	4.8 No	4.296 Thermal Discharging
RRK062	85	'4525973_/_4525970'	10		10	10	4.296	10	10	4.8 No	4.296 Thermal Discharging
RRK062	86	'4526219_/_4527043'	10		10	10	4.296	10	10	4.8 No	4.296 Thermal Discharging
RRK062	87	'4526220_/_4526217'	10		10	10	4.296	10	10	4.8 No	4.296 Thermal Discharging
RRK062	88	'4526237_/_4526234'	10		10	10	4.296	10	10	4.8 No	4.296 Thermal Discharging
RRK062	89	'4526254_/_4526251'	10		10	10	4.296	10	10	4.8 No	4.296 Thermal Discharging
RRK062	90	'4526271_/_4526268'	10		10	10	4.296	10	10	4.8 No	4.296 Thermal Discharging
RRK062	91	'4526288_/_4526285'	10		10	10	4.296	10	10	4.8 No	4.296 Thermal Discharging
RRK062	92	'4526305_/_4526302'	10		10	10	4.296	10	10	4.8 No	4.296 Thermal Discharging
RRK062	93	'43526520_/_4526529'	10		10	10	4.296	10	10	4.8 No	4.296 Thermal Discharging
RRK062	94	'4526321_/_4526512'	10		10	10	4.296	10	10	4.8 No	4.296 Thermal Discharging
RRK062	95	'4526322_/_4526319'	10		10	10	4.296	10	10	4.8 No	4.296 Thermal Discharging
RRK062	96	'44079300_/_4526339'	10		10	10	4.296	10	10	4.8 No	4.296 Thermal Discharging
RRK062	97	'472889812_/_44079304_1'	10		10	10	4.296	10	10	4.8 No	4.296 Thermal Discharging
RRK062	98	'4526685_/_44079304_2'	10		10	10	4.296	10	10	4.8 No	4.296 Thermal Discharging
RRK062	99	'4526702_/_4526699'	10		10	10	4.296	10	10	4.8 No	4.296 Thermal Discharging
RRK062	100	'4528509_/_4528506'	6.67		6.67	6.67	2.864	2.9	6.67	3.2 No	2.864 Thermal Discharging
RRK062	101	'4527474_/_4527471'	10		10	10	4.296	10	10	4.8 No	4.296 Thermal Discharging
RRK062	102	'4527491_/_4527488'	10		10	10	4.296	10	10	4.8 No	4.296 Thermal Discharging
RRK062	103	'4527508_/_4527505'	10		10	10	4.296	10	10	4.8 No	4.296 Thermal Discharging
RRK062	104	'43526608_/_4527522'	10		10	10	4.296	10	10	4.8 No	4.296 Thermal Discharging
RRK062	105	'374247590_/_4526716'	10		10	10	4.296	10	10	4.8 No	4.296 Thermal Discharging
RRK062	106	'4039920327_/_374247745_1'	10		10	10	4.296	10	10	4.8 No	4.296 Thermal Discharging
RRK062	107	'374247703_/_374247745_2'	10		10	10	4.296	10	10	4.8 No	4.296 Thermal Discharging
RRK063	0	'RRK063_/_8663939_1'	10		10	10	2.304	10	10	1.85 No	1.85 Unintentional Islanding
RRK063	1	'7719570_/_8663939_1'	10		10	10	2.304	10	10	1.81 No	1.81 Unintentional Islanding
RRK063	2	'43740814_/_8663939_2'	10		10	10	2.304	10	10	1.81 No	1.81 Unintentional Islanding
RRK063	3	'5577038_/_43740816'	10		10	10	2.304	10	10	1.81 No	1.81 Unintentional Islanding
RRK063	4	'43739717_/_43739719'	10		10	10	2.304	10	10	1.81 No	1.81 Unintentional Islanding
RRK063	5	'43739730_/_5577036'	10		10	10	2.304	10	10	1.8 No	1.8 Unintentional Islanding
RRK063	6	'5577056_/_43739732'	10		10	10	2.304	10	10	1.79 No	1.79 Unintentional Islanding
RRK063	7	'5577178_/_5577175'	10		10	10	2.304	10	10	1.79 No	1.79 Unintentional Islanding
RRK063	8	'5577195_/_5577192'	10		10	10	2.304	10	10	1.78 No	1.78 Unintentional Islanding
RRK063	9	'5577212_/_5577209'	10		10	10	2.304	10	10	1.78 No	1.78 Unintentional Islanding
RRK063	10	'50979546_/_50979402_1'	10		10	10	2.304	10	10	1.77 No	1.77 Unintentional Islanding
RRK063	11	'122427123_/_50979402_2'	10		10	10	2.304	10	10	1.76 No	1.76 Unintentional Islanding
RRK063	12	'4524206_/_50979402_3'	10		10	10	2.304	10	10	1.76 No	1.76 Unintentional Islanding
RRK063	13	'4524223_/_4524220'	10		10	10	2.304	10	10	1.75 No	1.75 Unintentional Islanding
RRK063	14	'4524240_/_4524237'	10		10	10	2.304	10	10	1.74 No	1.74 Unintentional Islanding
RRK063	15	'43522825_/_4534796'	10		10	10	2.304	10	10	1.74 No	1.74 Unintentional Islanding
RRK063	16	'476304610_/_4534816_1'	10		10	10	2.304	10	10	1.74 No	1.74 Unintentional Islanding
RRK063	17	'4518961_/_4534816_2'	10		10	10	2.304	10	10	1.73 No	1.73 Unintentional Islanding
RRK063	18	'476304737_/_4519013_1'	10		10	10	2.304	3.3	10	1.73 No	1.73 Unintentional Islanding
RRK063	19	'576100680_/_4518976_1'	10		10	10	2.304	3.4	10	1.73 No	1.73 Unintentional Islanding
RRK063	20	'49968167_/_7194241_1'	10		10	10	2.304	10	10	1.72 No	1.72 Unintentional Islanding
RRK063	21	'44078230_/_49968164'	9.6		10	10	2.304	10	10	1.71 No	1.71 Unintentional Islanding
RRK063	22	'4518978_/_4518976_2'	8.9		10	10	2.304	3.4	10	1.72 No	1.72 Unintentional Islanding
RRK063	23	'44078248_/_44078236'	9.3		10	10	2.304	10	10	1.71 No	1.71 Unintentional Islanding
RRK063	24	'4519032_/_532225065'	8.9		10	10	2.304	3.4	10	1.72 No	1.72 Unintentional Islanding
RRK063	25	'4519016_/_4519013_2'	7.9		10	10	2.304	3.3	10	1.72 No	1.72 Unintentional Islanding
RRK063	26	'476304758_/_4519070'	7.9		10	10	2.304	3.3	10	1.72 No	1.72 Unintentional Islanding
RRK063	27	'476304846_/_476304808_1'	7.9		10	10	2.304	1.5	10	1.72 No	1.5 Element Fault
RRK063	28	'476304792_/_476304808_2'	7.9		10	10	2.304	1.5	10	1.72 No	1.5 Element Fault
RRK063	29	'44078262_/_44078250'	8		10	10	2.304	10	10	1.69 No	1.69 Unintentional Islanding
RRK063	30	'532225414_/_532225081'	7.5		10	10	2.304	3.4	10	1.71 No	1.71 Unintentional Islanding
RRK063	31	'4527599_/_532225101'	7.5		10	10	2.304	3.4	10	1.71 No	1.71 Unintentional Islanding
RRK063	32	'4531696_/_44078264'	7.9		10	10	2.304	10	10	1.69 No	1.69 Unintentional Islanding
RRK063	33	'7960113_/_7960111_1'	7.5		10	10	2.304	1.6	10	1.71 No	1.6 Element Fault
RRK063	34	'4539897_/_4539895'	7.7		10	10	2.304	10	10	1.68 No	1.68 Unintentional Islanding
RRK063	35	'4531697_/_4531694'	7.5		10	10	2.304	10	10	1.68 No	1.68 Unintentional Islanding
RRK063	36	'326498470_/_7808037_1'	7.7		10	10	2.304	1.5	10	1.68 No	1.5 Element Fault
RRK063	37	'4527542_/_532225121'	6.9		10	10	2.304	3.4	10	1.71 No	1.71 Unintentional Islanding
RRK063	38	'532225464_/_532225141'	6.9		10	10	2.304	3.4	10	1.71 No	1.71 Unintentional Islanding
RRK063	39	'4540037_/_4540088'	7.3		10	10	2.304	10	10	1.67 No	1.67 Unintentional Islanding
RRK063	40	'4535196_/_4535193'	7.2		10	10	2.304	10	10	1.67 No	1.67 Unintentional Islanding
RRK063	41	'4539966_/_4540108'	7.3		10	10	2.304	7.8	10	1.67 No	1.67 Unintentional Islanding
RRK063	42	'43522785_/_532225161'	6.6		10	10	2.304	3.4	10	1.7 No	1.7 Unintentional Islanding
RRK063	43	'4527579_/_532225181'	6.6		10	10	2.304	3.4	10	1.7 No	1.7 Unintentional Islanding
RRK063	44	'576100691_/_474476193_1'	6.6		10	10	2.304	2.3	10	1.7 No	1.7 Unintentional Islanding
RRK063	45	'4539949_/_43532211'	7		10	10	2.304	7.8	10	1.67 No	1.67 Unintentional Islanding
RRK063	46	'577070199_/_4535552'	7		10	10	2.304	10	10	1.67 No	1.67 Unintentional Islanding
RRK063	47	'7808040_/_7808037_2'	6.9		10	10	2.304	1.5	10	1.68 No	1.5 Element Fault
RRK063	48	'4540002_/_4540071'	6.9		10	10	2.304	8	10	1.67 No	1.67 Unintentional Islanding
RRK063	49	'4535555_/_577070092'	7		10	10	2.304	10	10	1.67 No	1.67 Unintentional Islanding
RRK063	50	'4539931_/_4539929_1'	6.9		10	10	2.304	2.5	10	1.67 No	1.67 Unintentional Islanding
RRK063	51	'4519052_/_7960059_1'	6.6		10	10	2.304	0.9	10	1.7 No	0.9 Element Fault
RRK063	52	'355710282_/_76702043_1'	7		10	10	2.304	10	10	1.66 No	1.66 Unintentional Islanding
RRK063	53	'474476177_/_474476193_2'	6.4		10	10	2.304	2.3	10	1.7 No	1.7 Unintentional Islanding
RRK063	54	'4539948_/_4539946'	6.9		10	10	2.304	7.8	10	1.66 No	1.66 Unintentional Islanding
RRK063	55	'4540128_/_4540125_2'	6.9		10	10	2.304	7.8	10	1.66 No	1.66 Unintentional Islanding
RRK063	56	'4535177_/_76702043_2'	6.8		10	10	2.304	10	10	1.66 No	1.66 Unintentional Islanding
RRK063	57	'7960114_/_7960111_2'	6.2		10	10	2.304	1.6	10	1.7 No	1.6 Element Fault
RRK063	58	'4539826_/_4539929_2'	6.6		10	10	2.304	2.5	10	1.67 No	1.67 Unintentional Islanding
RRK063	59	'43522812_/_476304762'	6.2		10	10	2.304	3.3	10	1.71 No	1.71 Unintentional Islanding
RRK063	60	'43531172_/_4540125_1'	6.7		10	10	2.304	1.5	10	1.66 No	1.5 Element Fault
RRK063	61	'502142849_/_4535449_1'	6.6		10	10	2.304	1.5	10	1.66 No	1.5 Element Fault
RRK063	62	'351328321_/_351328285'	6.4		10	10	2.304	4.7	10	1.67 No	1.67 Unintentional Islanding
RRK063	63	'4535212_/_4535383'	6.5		10	10	2.304	10	10	1.66 No	1.66 Unintentional Islanding
RRK063	64	'4529709_/_4529726'	6.4		10	10	2.304	1.5	10	1.66 No	1.5 Element Fault

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RRK063	65	'4530139_/4539824'		6.3	10	10	2.304	2.5	10	1.66 No	1.66 Unintentional Islanding
RRK063	66	'50979169_/4535210'		6.3	10	10	2.304	10	10	1.66 No	1.66 Unintentional Islanding
RRK063	67	'4529708_/43522866'		6.2	10	10	2.304	1.5	10	1.66 No	1.5 Element Fault
RRK063	68	'4535487_/4535518'		6.2	10	10	2.304	10	10	1.66 No	1.66 Unintentional Islanding
RRK063	69	'4535051_/4535484'		6.2	10	10	2.304	10	10	1.66 No	1.66 Unintentional Islanding
RRK063	70	'4530439_/4530473_1'		6.1	10	10	2.304	1.5	10	1.66 No	1.5 Element Fault
RRK063	71	'502142829_/4535449_2'		6.1	10	10	2.304	1.5	10	1.66 No	1.5 Element Fault
RRK063	72	'7960062_/7960059_2'		5.7	10	10	2.304	0.9	10	1.69 No	0.9 Element Fault
RRK063	73	'4530140_/4530137'		5.9	10	10	2.304	2.5	10	1.66 No	1.66 Unintentional Islanding
RRK063	74	'4535052_/4535049'		6.1	10	10	2.304	10	10	1.66 No	1.66 Unintentional Islanding
RRK063	75	'4535069_/4535066'		6	10	10	2.304	10	10	1.66 No	1.66 Unintentional Islanding
RRK063	76	'4535086_/4535083'		5.9	10	10	2.304	10	10	1.66 No	1.66 Unintentional Islanding
RRK063	77	'4530455_/4530473_2'		5.7	10	10	2.304	1.5	10	1.66 No	1.5 Element Fault
RRK063	78	'4530285_/4530282'		5.7	10	10	2.304	2.5	10	1.66 No	1.66 Unintentional Islanding
RRK063	79	'4530891_/4535100'		5.7	10	10	2.304	10	10	1.66 No	1.66 Unintentional Islanding
RRK063	80	'4530355_/4530353'		3.73	6.67	6.67	1.536	1	6.67	1.1 No	1 Element Fault
RRK063	81	'4530911_/4530908'		5.7	10	10	2.304	10	10	1.66 No	1.66 Unintentional Islanding
RRK063	82	'4524027_/4530888'		5.6	10	10	2.304	10	10	1.66 No	1.66 Unintentional Islanding
RRK063	83	'43531629_/4530299'		5.4	10	10	2.304	2.5	10	1.66 No	1.66 Unintentional Islanding
RRK063	84	'4530928_/4530925'		5.6	10	10	2.304	10	10	1.66 No	1.66 Unintentional Islanding
RRK063	85	'43522481_/4530942'		5.5	10	10	2.304	10	10	1.66 No	1.66 Unintentional Islanding
RRK063	86	'43522468_/43522470'		5.5	10	10	2.304	10	10	1.66 No	1.66 Unintentional Islanding
RRK063	87	'4530965_/43522483'		5.4	10	10	2.304	10	10	1.66 No	1.66 Unintentional Islanding
RRK063	88	'4530982_/4530979'		5.4	10	10	2.304	10	10	1.66 No	1.66 Unintentional Islanding
RRK063	89	'4523925_/4523939'		5.4	10	10	2.304	10	10	1.66 No	1.66 Unintentional Islanding
RRK063	90	'4530322_/43531631'		5.2	10	10	2.304	2.5	10	1.66 No	1.66 Unintentional Islanding
RRK063	91	'4530509_/4530506_1'		3.53	6.67	6.67	1.536	1.1	6.67	1.1 No	1.1 Element Fault
RRK063	92	'4531229_/4531260_1'		5.3	10	10	2.304	1.6	10	1.66 No	1.6 Element Fault
RRK063	93	'4523908_/4523922'		5.3	10	10	2.304	10	10	1.66 No	1.66 Unintentional Islanding
RRK063	94	'4530999_/4530996'		5.3	10	10	2.304	10	10	1.66 No	1.66 Unintentional Islanding
RRK063	95	'4530019_/4530336'		5	10	10	2.304	2.5	10	1.66 No	1.66 Unintentional Islanding
RRK063	96	'51193943_/4523905'		5.2	10	10	2.304	10	10	1.66 No	1.66 Unintentional Islanding
RRK063	97	'43522520_/4530506_2'		3.47	6.67	6.67	1.536	1.1	6.67	1.1 No	1.1 Element Fault
RRK063	98	'4531016_/4531013'		5.1	10	10	2.304	10	10	1.66 No	1.66 Unintentional Islanding
RRK063	99	'51193930_/51193945'		5.2	10	10	2.304	10	10	1.66 No	1.66 Unintentional Islanding
RRK063	100	'43522494_/4531030'		5	10	10	2.304	10	10	1.66 No	1.66 Unintentional Islanding
RRK063	101	'4530020_/4530017'		4.8	10	10	2.304	2.5	10	1.66 No	1.66 Unintentional Islanding
RRK063	102	'4518382_/43522496'		4.9	10	10	2.304	10	10	1.66 No	1.66 Unintentional Islanding
RRK063	103	'43522507_/4524041'		4.8	9.8	10	2.304	10	10	1.66 No	1.66 Unintentional Islanding
RRK063	104	'4518366_/4518364_1'		1.63	3.27	3.33	0.768	0.5	3.33	0.55 No	0.5 Element Fault
RRK063	105	'4530036_/4530114'		4.6	10	10	2.304	2.5	10	1.66 No	1.66 Unintentional Islanding
RRK063	106	'4524061_/43522509'		4.7	9.5	10	2.304	10	10	1.66 No	1.66 Unintentional Islanding
RRK063	107	'4530523_/43522522'		3.13	6.53	6.67	1.536	1.1	6.67	1.1 No	1.1 Element Fault
RRK063	108	'4531415_/4531800'		3.07	6.67	6.67	1.536	1	6.67	1.1 No	1 Element Fault
RRK063	109	'4530053_/4530034'		4.5	10	10	2.304	2.5	10	1.66 No	1.66 Unintentional Islanding
RRK063	110	'4531245_/4531260_2'		4.6	9.6	10	2.304	1.6	10	1.66 No	1.6 Element Fault
RRK063	111	'4525879_/4525876'		4.6	9.4	10	2.304	10	10	1.66 No	1.66 Unintentional Islanding
RRK063	112	'4530070_/4530101'		1.5	3.33	3.33	0.768	0.83	3.33	0.55 No	0.55 Unintentional Islanding
RRK063	113	'43530916_/4527735'		4.5	9.2	10	2.304	10	10	1.66 No	1.66 Unintentional Islanding
RRK063	114	'4519209_/4530051'		4.3	10	10	2.304	2.5	10	1.66 No	1.66 Unintentional Islanding
RRK063	115	'4530524_/4530521'		3	6.27	6.67	1.536	1.1	6.67	1.1 No	1.1 Element Fault
RRK063	116	'4527755_/43530918'		4.4	8.9	10	2.304	10	10	1.66 No	1.66 Unintentional Islanding
RRK063	117	'319258166_/4534887_1'		4.4	8.8	10	2.304	10	10	1.66 No	1.66 Unintentional Islanding
RRK063	118	'4528933_/4528931'		4.4	8.8	10	2.304	10	10	1.66 No	1.66 Unintentional Islanding
RRK063	119	'319258198_/4534887_2'		4.4	8.8	10	2.304	10	10	1.66 No	1.66 Unintentional Islanding
RRK063	120	'4519210_/4519207'		4.2	9.6	10	2.304	2.5	10	1.66 No	1.66 Unintentional Islanding
RRK063	121	'4520390_/4528951'		4.3	8.7	10	2.304	10	10	1.66 No	1.66 Unintentional Islanding
RRK063	122	'49211825_/319258202'		4.3	8.6	10	2.304	10	10	1.66 No	1.66 Unintentional Islanding
RRK063	123	'4531246_/4531243'		4.2	8.8	10	2.304	1.6	10	1.66 No	1.6 Element Fault
RRK063	124	'43525500_/4528968'		4.2	8.6	10	2.304	10	10	1.66 No	1.66 Unintentional Islanding
RRK063	125	'51748933_/43525502_1'		4.2	8.6	10	2.304	2.4	10	1.66 No	1.66 Unintentional Islanding
RRK063	126	'43525035_/4530068'		1.5	3.13	3.33	0.768	0.5	3.33	0.55 No	0.5 Element Fault
RRK063	127	'43522916_/4531761'		1.4	3.1	3.33	0.768	0.5	3.33	0.55 No	0.5 Element Fault
RRK063	128	'4520350_/4520348_1'		4.2	8.5	10	2.304	1.6	10	1.66 No	1.6 Element Fault
RRK063	129	'4519227_/4519224'		4	9.3	10	2.304	2.5	10	1.66 No	1.66 Unintentional Islanding
RRK063	130	'4524752_/4527935'		4.2	8.4	10	2.304	10	10	1.66 No	1.66 Unintentional Islanding
RRK063	131	'4518367_/4518364_2'		1.63	2.87	3.33	0.768	0.5	3.33	0.55 No	0.5 Element Fault
RRK063	132	'4531416_/4531413'		1.37	3.07	3.33	0.768	0.5	3.33	0.55 No	0.5 Element Fault
RRK063	133	'43525438_/4533978'		2.8	5.67	6.67	1.536	2.4	6.67	1.1 No	1.1 Unintentional Islanding
RRK063	134	'4520321_/43525502_2'		4.2	8.5	10	2.304	2.4	10	1.66 No	1.66 Unintentional Islanding
RRK063	135	'4534016_/4534013'		4.1	8.4	10	2.304	2.4	10	1.66 No	1.66 Unintentional Islanding
RRK063	136	'4519318_/4520201'		1.33	3.07	3.33	0.768	0.83	3.33	0.55 No	0.55 Unintentional Islanding
RRK063	137	'4524477_/4524750'		4.2	8.2	10	2.304	10	10	1.66 No	1.66 Unintentional Islanding
RRK063	138	'4520322_/4520335_1'		1.4	2.83	3.33	0.768	0.2	3.33	0.55 No	0.2 Element Fault
RRK063	139	'4524478_/4524475'		4.1	8.1	10	2.304	10	10	1.66 No	1.66 Unintentional Islanding
RRK063	140	'44075992_/4519244'		3.9	9.1	10	2.304	2.5	10	1.66 No	1.66 Unintentional Islanding
RRK063	141	'4534036_/4534033'		4.1	8.3	10	2.304	2.4	10	1.66 No	1.66 Unintentional Islanding
RRK063	142	'43525662_/402869771'		4.1	8.1	10	2.304	10	10	1.66 No	1.66 Unintentional Islanding
RRK063	143	'4524498_/4524495'		4.1	8.1	10	2.304	10	10	1.66 No	1.66 Unintentional Islanding
RRK063	144	'4519319_/4519316'		1.33	3	3.33	0.768	0.5	3.33	0.55 No	0.5 Element Fault
RRK063	145	'43525476_/4534101'		4	8.3	10	2.304	2.4	10	1.66 No	1.66 Unintentional Islanding
RRK063	146	'49201751_/43525664'		4.1	8	10	2.304	10	10	1.66 No	1.66 Unintentional Islanding
RRK063	147	'8276019_/9534010'		4.1	8.1	10	2.304	5.5	10	1.66 No	1.66 Unintentional Islanding
RRK063	148	'4520439_/4524512'		4.1	8	10	2.304	10	10	1.66 No	1.66 Unintentional Islanding
RRK063	149	'4524804_/4524801'		4.1	8	10	2.304	10	10	1.66 No	1.66 Unintentional Islanding
RRK063	150	'4530538_/4530858'		2.67	5.53	6.67	1.536	1.1	6.67	1.1 No	1.1 Element Fault
RRK063	151	'43522532_/4530618'		2.67	5.53	6.67	1.536	1.1	6.67	1.1 No	1.1 Element Fault
RRK063	152	'357597448_/357597366_1'		1.33	2.63	3.33	0.768	0.5	3.33	0.55 No	0.5 Element Fault
RRK063	153	'4519247_/44075994'		3.8	8.8	10	2.304	2.5	10	1.66 No	1.66 Unintentional Islanding
RRK063	154	'43525463_/4534084'		4	8.1	10	2.304	2.4	10	1.66 No	1.66 Unintentional Islanding
RRK063	155	'43525539_/4524529'		4	7.9	10	2.304	10	10	1.66 No	1.66 Unintentional Islanding
RRK063	156	'43525675_/4524818'		4	7.8	10	2.304	10	10	1.66 No	1.66 Unintentional Islanding
RRK063	157	'43531209_/4530453'		3.8	8.5	10	2.304	1.5	10	1.66 No	1.5 Element Fault
RRK063	158	'4531716_/4531774'		1.3	2.87	3.33	0.768	0.5	3.33	0.55 No	0.5 Element Fault

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RRK063	159	'379227256_/355049349_1'		4	7.8	10	2.304	1.5	10	1.66 No	1.5 Element Fault
RRK063	160	'53954221_/43525677'		4	7.8	10	2.304	10	10	1.66 No	1.66 Unintentional Islanding
RRK063	161	'8276018_/8276016'		3.9	7.8	10	2.304	1.6	10	1.66 No	1.6 Element Fault
RRK063	162	'76702157_/53954224_1'		4	7.8	10	2.304	10	10	1.66 No	1.66 Unintentional Islanding
RRK063	163	'4530071_/43525037'		1.47	2.87	3.33	0.768	0.5	3.33	0.55 No	0.5 Element Fault
RRK063	164	'4533998_/4534067'		3.9	8	10	2.304	2.4	10	1.66 No	1.66 Unintentional Islanding
RRK063	165	'43525526_/4520348_2'		3.9	7.9	10	2.304	1.6	10	1.66 No	1.6 Element Fault
RRK063	166	'4531568_/4531565'		2.53	5.67	6.67	1.536	1	6.67	1.1 No	1 Element Fault
RRK063	167	'4534053_/4534050'		3.9	8	10	2.304	2.4	10	1.66 No	1.66 Unintentional Islanding
RRK063	168	'43525553_/43525541'		3.9	7.8	10	2.304	10	10	1.66 No	1.66 Unintentional Islanding
RRK063	169	'43522939_/4531787'		1.23	2.83	3.33	0.768	0.5	3.33	0.55 No	0.5 Element Fault
RRK063	170	'401547273_/4533996_1'		3.8	7.9	10	2.304	1.5	10	1.66 No	1.5 Element Fault
RRK063	171	'4529877_/4529874'		3.7	8.5	10	2.304	2.5	10	1.66 No	1.66 Unintentional Islanding
RRK063	172	'43525638_/4520437'		3.9	7.7	10	2.304	4.8	10	1.66 No	1.66 Unintentional Islanding
RRK063	173	'4533981_/43525440'		2.53	5.2	6.67	1.536	2.4	6.67	1.1 No	1.1 Unintentional Islanding
RRK063	174	'61697244_/8880168_2'		3.8	7.6	10	2.304	4.8	10	1.66 No	1.66 Unintentional Islanding
RRK063	175	'355049330_/355049349_2'		3.8	7.6	10	2.304	1.5	10	1.66 No	1.5 Element Fault
RRK063	176	'4530639_/43522534'		2.53	5.27	6.67	1.536	1.1	6.67	1.1 No	1.1 Element Fault
RRK063	177	'4529910_/4529921_2'		1.23	2.8	3.33	0.768	0.83	3.33	0.55 No	0.55 Unintentional Islanding
RRK063	178	'43522961_/4522053'		1.27	2.77	3.33	0.768	0.5	3.33	0.55 No	0.5 Element Fault
RRK063	179	'4520338_/4520335_2'		1.4	2.57	3.33	0.768	0.2	3.33	0.55 No	0.2 Element Fault
RRK063	180	'4518396_/4518393'		1.6	2.57	3.33	0.768	0.5	3.33	0.55 No	0.5 Element Fault
RRK063	181	'76702092_/53954224_2'		3.9	7.5	10	2.304	10	10	1.66 No	1.66 Unintentional Islanding
RRK063	182	'53954200_/53954224_3'		3.9	7.5	10	2.304	10	10	1.66 No	1.66 Unintentional Islanding
RRK063	183	'4531611_/4531608'		1.23	2.73	3.33	0.768	0.5	3.33	0.55 No	0.5 Element Fault
RRK063	184	'4528001_/4533894'		3.8	7.4	10	2.304	10	10	1.66 No	1.66 Unintentional Islanding
RRK063	185	'4520371_/43525515'		3.7	7.6	10	2.304	1.6	10	1.66 No	1.6 Element Fault
RRK063	186	'4530759_/4530756'		1.57	2.57	3.33	0.768	0.5	3.33	0.55 No	0.5 Element Fault
RRK063	187	'8880170_/8880168_1'		3.7	7.4	10	2.304	1.6	10	1.66 No	1.6 Element Fault
RRK063	188	'4519348_/4529891'		3.5	8.2	10	2.304	2.5	10	1.66 No	1.66 Unintentional Islanding
RRK063	189	'43525688_/53954197'		3.8	7.4	10	2.304	10	10	1.66 No	1.66 Unintentional Islanding
RRK063	190	'4519334_/4519345'		1.17	2.73	3.33	0.768	0.83	3.33	0.55 No	0.55 Unintentional Islanding
RRK063	191	'4531717_/4531714'		1.23	2.67	3.33	0.768	0.5	3.33	0.55 No	0.5 Element Fault
RRK063	192	'4524957_/43525690'		3.8	7.3	10	2.304	10	10	1.66 No	1.66 Unintentional Islanding
RRK063	193	'4530539_/4530536'		2.4	5.13	6.67	1.536	1.1	6.67	1.1 No	1.1 Element Fault
RRK063	194	'4519685_/4519682'		3.5	8	10	2.304	2.5	10	1.66 No	1.66 Unintentional Islanding
RRK063	195	'4522030_/4533996_2'		3.6	7.4	10	2.304	1.5	10	1.66 No	1.5 Element Fault
RRK063	196	'43525701_/4524971'		3.7	7.2	10	2.304	10	10	1.66 No	1.66 Unintentional Islanding
RRK063	197	'4519335_/4519332'		1.2	2.67	3.33	0.768	0.5	3.33	0.55 No	0.5 Element Fault
RRK063	198	'4528630_/43531477_2'		3.5	8	10	2.304	2.5	10	1.66 No	1.66 Unintentional Islanding
RRK063	199	'4531790_/43522941'		1.17	2.6	3.33	0.768	0.5	3.33	0.55 No	0.5 Element Fault
RRK063	200	'615091517_/4519426_2'		1.2	2.63	3.33	0.768	0.5	3.33	0.55 No	0.5 Element Fault
RRK063	201	'4524991_/4524988'		3.7	7.1	10	2.304	10	10	1.66 No	1.66 Unintentional Islanding
RRK063	202	'4530657_/4530654'		2.33	5	6.67	1.536	1.1	6.67	1.1 No	1.1 Element Fault
RRK063	203	'4522068_/4528611'		3.4	7.9	10	2.304	2.5	10	1.66 No	1.66 Unintentional Islanding
RRK063	204	'4525008_/4525005'		3.6	6.9	10	2.304	10	9.91	1.66 No	1.66 Unintentional Islanding
RRK063	205	'4518409_/4518406'		1.47	2.4	3.33	0.768	0.5	3.33	0.55 No	0.5 Element Fault
RRK063	206	'4529923_/4529921_1'		1.23	2.57	3.33	0.768	0.5	3.33	0.55 No	0.5 Element Fault
RRK063	207	'43525068_/4519358'		1.2	2.6	3.33	0.768	0.5	3.33	0.55 No	0.5 Element Fault
RRK063	208	'4520271_/4522066'		3.3	7.7	10	2.304	2.5	10	1.66 No	1.66 Unintentional Islanding
RRK063	209	'4521988_/4525025'		3.6	6.9	10	2.304	10	9.82	1.66 No	1.66 Unintentional Islanding
RRK063	210	'43522646_/4530769'		1.43	2.37	3.33	0.768	0.5	3.33	0.55 No	0.5 Element Fault
RRK063	211	'8276058_/491671158_2'		3.3	7.7	10	2.304	2.5	10	1.66 No	1.66 Unintentional Islanding
RRK063	212	'4521987_/4533333_2'		1.2	2.27	3.33	0.768	1.1	3.26	0.55 No	0.55 Unintentional Islanding
RRK063	213	'43532198_/4539882'		1.13	2.5	3.33	0.768	0.5	3.33	0.55 No	0.5 Element Fault
RRK063	214	'4519092_/4520117'		1.13	2.53	3.33	0.768	0.5	3.33	0.55 No	0.5 Element Fault
RRK063	215	'43531198_/4531621'		1.13	2.5	3.33	0.768	0.5	3.33	0.55 No	0.5 Element Fault
RRK063	216	'43530953_/4525130'		3.5	6.8	10	2.304	10	9.74	1.66 No	1.66 Unintentional Islanding
RRK063	217	'433055819_/433030955'		3.5	6.8	10	2.304	10	9.74	1.66 No	1.66 Unintentional Islanding
RRK063	218	'4521839_/433055827'		3.5	6.8	10	2.304	10	9.74	1.66 No	1.66 Unintentional Islanding
RRK063	219	'433055845_/4533586'		1.17	2.27	3.33	0.768	1.1	3.24	0.55 No	0.55 Unintentional Islanding
RRK063	220	'4521840_/433055853_1'		1.17	2.27	3.33	0.768	0.5	3.24	0.55 No	0.5 Element Fault
RRK063	221	'4531461_/4531471'		1.13	2.5	3.33	0.768	0.5	3.33	0.55 No	0.5 Element Fault
RRK063	222	'4533589_/433055853_2'		1.17	2.27	3.33	0.768	0.5	3.24	0.55 No	0.5 Element Fault
RRK063	223	'43525380_/4520269'		3.3	7.6	10	2.304	2.5	10	1.66 No	1.66 Unintentional Islanding
RRK063	224	'43531475_/43531477_1'		3.2	7.5	10	2.304	1.6	10	1.66 No	1.6 Element Fault
RRK063	225	'4532366_/4532363'		3.5	6.7	10	2.304	10	9.64	1.66 No	1.66 Unintentional Islanding
RRK063	226	'491671136_/491671158_1'		3.2	7.4	10	2.304	1.5	10	1.66 No	1.5 Element Fault
RRK063	227	'43522927_/4531580'		2.13	4.87	6.67	1.536	1	6.67	1.1 No	1 Element Fault
RRK063	228	'4532383_/4532380'		3.5	6.7	10	2.304	10	9.6	1.66 No	1.66 Unintentional Islanding
RRK063	229	'4533323_/4533333_1'		1.17	2.23	3.33	0.768	0.5	3.22	0.55 No	0.5 Element Fault
RRK063	230	'43522544_/4530551'		2.2	4.67	6.67	1.536	1.1	6.67	1.1 No	1.1 Element Fault
RRK063	231	'4530675_/4530672'		2.2	4.67	6.67	1.536	1.1	6.67	1.1 No	1.1 Element Fault
RRK063	232	'43525385_/43525382'		3.2	7.4	10	2.304	2.5	10	1.66 No	1.66 Unintentional Islanding
RRK063	233	'4532762_/4532759'		3.4	6.5	10	2.304	10	9.45	1.66 No	1.66 Unintentional Islanding
RRK063	234	'4519428_/4519426_1'		1.2	2.43	3.33	0.768	0.1	3.33	0.55 No	0.1 Element Fault
RRK063	235	'357597203_/357597366_2'		1.1	2.2	3.33	0.768	0.5	3.24	0.55 No	0.5 Element Fault
RRK063	236	'43522983_/43522985'		1.23	2.4	3.33	0.768	0.5	3.33	0.55 No	0.5 Element Fault
RRK063	237	'43525566_/4524546'		3.4	6.6	10	2.304	9.6	9.5	1.66 No	1.66 Unintentional Islanding
RRK063	238	'4533110_/4533807_1'		3.4	6.5	10	2.304	1.6	9.39	1.66 No	1.6 Element Fault
RRK063	239	'61697260_/4532936_2'		2.27	4.33	6.67	1.536	3.2	6.25	1.1 No	1.1 Unintentional Islanding
RRK063	240	'4518503_/4522027'		3.2	6.7	10	2.304	1.5	9.63	1.66 No	1.5 Element Fault
RRK063	241	'4533644_/4533641'		1.2	2.17	3.33	0.768	0.5	3.15	0.55 No	0.5 Element Fault
RRK063	242	'53211522_/519068983'		3.4	6.4	10	2.304	10	9.31	1.66 No	1.66 Unintentional Islanding
RRK063	243	'43522657_/4518419'		1.37	2.23	3.33	0.768	0.5	3.3	0.55 No	0.5 Element Fault
RRK063	244	'4539885_/43532200'		1.07	2.37	3.33	0.768	0.5	3.33	0.55 No	0.5 Element Fault
RRK063	245	'53211592_/53211533_2'		1.13	2.13	3.33	0.768	1.5	3.1	0.55 No	0.55 Unintentional Islanding
RRK063	246	'4520476_/43525568'		3.3	6.5	10	2.304	9.6	9.41	1.66 No	1.66 Unintentional Islanding
RRK063	247	'4532556_/519068964'		3.4	6.4	10	2.304	10	9.26	1.66 No	1.66 Unintentional Islanding
RRK063	248	'4531730_/4531744'		3	7.1	10	2.304	1.6	9.93	1.66 No	1.6 Element Fault
RRK063	249	'54047392_/54047327_2'		1.1	2.17	3.33	0.768	1.4	3.13	0.55 No	0.55 Unintentional Islanding
RRK063	250	'4520548_/4524580'		3.3	6.5	10	2.304	9.6	9.35	1.66 No	1.66 Unintentional Islanding
RRK063	251	'4532555_/519068951'		3.4	6.4	10	2.304	10	9.19	1.66 No	1.66 Unintentional Islanding
RRK063	252	'4532711_/519068940'		3.4	6.3	10	2.304	10	9.17	1.66 No	1.66 Unintentional Islanding

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RRK063	253	'4518516_/_4518513'	3.1	6.6	10	2.304	1.5	9.49	1.66 No	1.5	Element Fault
RRK063	254	'43525785_/_4533297'	3.3	6.3	10	2.304	4.7	9.33	1.66 No	1.66	Unintentional Islanding
RRK063	255	'4520603_/_4524597'	3.3	6.4	10	2.304	9.6	9.28	1.66 No	1.66	Unintentional Islanding
RRK063	256	'4532433_/_4532709'	3.4	6.3	10	2.304	10	9.13	1.66 No	1.66	Unintentional Islanding
RRK063	257	'4520459_/_4520457_1'	3.3	6.5	10	2.304	1.5	9.32	1.66 No	1.5	Element Fault
RRK063	258	'4520496_/_4520494_1'	1.1	2.13	3.33	0.768	0.5	3.09	0.55 No	0.5	Element Fault
RRK063	259	'4531624_/_45331200'	1.03	2.3	3.33	0.768	0.5	3.33	0.55 No	0.5	Element Fault
RRK063	260	'4533300_/_7326563_2'	3.3	6.3	10	2.304	4.4	9.29	1.66 No	1.66	Unintentional Islanding
RRK063	261	'4531448_/_4531458'	1.03	2.3	3.33	0.768	0.5	3.28	0.55 No	0.5	Element Fault
RRK063	262	'4532434_/_4532431'	3.4	6.2	10	2.304	10	9.07	1.66 No	1.66	Unintentional Islanding
RRK063	263	'4520564_/_4520562_1'	1.1	2.13	3.33	0.768	0.5	3.08	0.55 No	0.5	Element Fault
RRK063	264	'7641598_/_9219920_1'	3.3	6.2	10	2.304	1.5	9.08	1.66 No	1.5	Element Fault
RRK063	265	'4527633_/_4527630'	3.3	6.4	10	2.304	9.6	9.2	1.66 No	1.66	Unintentional Islanding
RRK063	266	'53211554_/_53211533_1'	1.1	2.07	3.33	0.768	0.5	3.04	0.55 No	0.5	Element Fault
RRK063	267	'4519376_/_43525070'	1.2	2.33	3.33	0.768	0.5	3.21	0.55 No	0.5	Element Fault
RRK063	268	'4533605_/_4533602'	1.2	2.1	3.33	0.768	0.5	3.07	0.55 No	0.5	Element Fault
RRK063	269	'4532876_/_4532936_1'	2.27	4.13	6.67	1.536	1	6.08	1.1 No	1	Element Fault
RRK063	270	'43531120_/_4533807_2'	3.2	6.2	10	2.304	1.6	9.13	1.66 No	1.6	Element Fault
RRK063	271	'4532451_/_4532448'	3.3	6.2	10	2.304	10	8.99	1.66 No	1.66	Unintentional Islanding
RRK063	272	'43530940_/_4527647'	3.2	6.3	10	2.304	9.6	9.12	1.66 No	1.66	Unintentional Islanding
RRK063	273	'61697680_/_7960079_2'	1.07	2.1	3.33	0.768	1.8	3.04	0.55 No	0.55	Unintentional Islanding
RRK063	274	'4533322_/_4533320'	1.07	2.07	3.33	0.768	0.5	3.06	0.55 No	0.5	Element Fault
RRK063	275	'4530785_/_43522648'	1.27	2.13	3.33	0.768	0.5	3.19	0.55 No	0.5	Element Fault
RRK063	276	'43525968_/_4532587'	3.3	6.1	10	2.304	10	8.92	1.66 No	1.66	Unintentional Islanding
RRK063	277	'43525579_/_43530942'	3.2	6.3	10	2.304	9.6	9.05	1.66 No	1.66	Unintentional Islanding
RRK063	278	'9219923_/_9219920_2'	3.3	6.1	10	2.304	1.5	8.95	1.66 No	1.5	Element Fault
RRK063	279	'43525123_/_4519090'	1	2.23	3.33	0.768	0.5	3.22	0.55 No	0.5	Element Fault
RRK063	280	'4530569_/_4530566'	2	4.33	6.67	1.536	1.1	6.46	1.1 No	1.1	Element Fault
RRK063	281	'43522556_/_4530687'	2	4.27	6.67	1.536	1.1	6.45	1.1 No	1.1	Element Fault
RRK063	282	'4532607_/_4532604'	3.3	6.1	10	2.304	10	8.84	1.66 No	1.66	Unintentional Islanding
RRK063	283	'56148393_/_4532621_1'	3.3	6.1	10	2.304	10	8.84	1.66 No	1.66	Unintentional Islanding
RRK063	284	'43525625_/_4520457_2'	3.1	6.2	10	2.304	1.5	9.08	1.66 No	1.5	Element Fault
RRK063	285	'70128366_/_56148372_2'	3.3	6	10	2.304	5.4	8.82	1.66 No	1.66	Unintentional Islanding
RRK063	286	'43525134_/_4530493'	1.17	2.27	3.33	0.768	0.1	3.15	0.55 No	0.1	Element Fault
RRK063	287	'4524617_/_43525581'	3.2	6.2	10	2.304	9.6	8.95	1.66 No	1.66	Unintentional Islanding
RRK063	288	'7326566_/_7326563_1'	3.1	6.1	10	2.304	1.5	9.08	1.66 No	1.5	Element Fault
RRK063	289	'4533727_/_4533725'	1.2	2.03	3.33	0.768	0.5	3.01	0.55 No	0.5	Element Fault
RRK063	290	'43531488_/_43531490'	2.9	6.7	10	2.304	1.6	9.53	1.66 No	1.6	Element Fault
RRK063	291	'43525981_/_4532621_2'	3.3	6	10	2.304	10	8.78	1.66 No	1.66	Unintentional Islanding
RRK063	292	'4539210_/_4539220'	3.1	6.2	10	2.304	9.6	8.89	1.66 No	1.66	Unintentional Islanding
RRK063	293	'43525603_/_4520494_2'	1.03	2.03	3.33	0.768	0.5	2.99	0.55 No	0.5	Element Fault
RRK063	294	'4532644_/_4532641'	3.2	6	10	2.304	10	8.71	1.66 No	1.66	Unintentional Islanding
RRK063	295	'7960082_/_7960079_1'	1.03	2.03	3.33	0.768	0.5	2.98	0.55 No	0.5	Element Fault
RRK063	296	'56148370_/_56148372_1'	3.3	6	10	2.304	1.5	8.74	1.66 No	1.5	Element Fault
RRK063	297	'4530456_/_43531211'	2.8	6.5	10	2.304	1.5	9.87	1.66 No	1.5	Element Fault
RRK063	298	'4525842_/_4532658'	3.2	5.9	10	2.304	10	8.66	1.66 No	1.66	Unintentional Islanding
RRK063	299	'4525722_/_4539237'	3.1	6.1	10	2.304	9.6	8.79	1.66 No	1.66	Unintentional Islanding
RRK063	300	'4531583_/_43522929'	1.87	4.33	6.67	1.536	1	6.42	1.1 No	1	Element Fault
RRK063	301	'43525837_/_4525839'	3.2	5.9	10	2.304	10	8.61	1.66 No	1.66	Unintentional Islanding
RRK063	302	'43531989_/_43531122'	3	5.9	10	2.304	1.6	8.82	1.66 No	1.6	Element Fault
RRK063	303	'4539196_/_4539207'	1.03	2	3.33	0.768	1.1	2.92	0.55 No	0.55	Unintentional Islanding
RRK063	304	'4531526_/_4531539'	1.13	2.17	3.33	0.768	0.5	3.11	0.55 No	0.5	Element Fault
RRK063	305	'4525651_/_4525720'	3.1	6	10	2.304	9.6	8.71	1.66 No	1.66	Unintentional Islanding
RRK063	306	'4533618_/_4533615'	1.2	1.97	3.33	0.768	0.5	2.94	0.55 No	0.5	Element Fault
RRK063	307	'4518438_/_43522659'	1.23	2.03	3.33	0.768	0.5	3.08	0.55 No	0.5	Element Fault
RRK063	308	'4521909_/_4525822'	3.2	5.8	10	2.304	10	8.55	1.66 No	1.66	Unintentional Islanding
RRK063	309	'8905406_/_8905403'	3.1	5.8	10	2.304	1.5	8.61	1.66 No	1.5	Element Fault
RRK063	310	'4530708_/_4530705'	1.93	4.13	6.67	1.536	1.1	6.25	1.1 No	1.1	Element Fault
RRK063	311	'4521143_/_4525649'	3.1	6	10	2.304	9.6	8.65	1.66 No	1.66	Unintentional Islanding
RRK063	312	'4530801_/_4530798'	1.2	2.03	3.33	0.768	0.5	3.07	0.55 No	0.5	Element Fault
RRK063	313	'153594299_/_4521906_2'	3.2	5.8	10	2.304	8	8.51	1.66 No	1.66	Unintentional Islanding
RRK063	314	'4539302_/_4539312_2'	1.03	2	3.33	0.768	1.6	2.89	0.55 No	0.55	Unintentional Islanding
RRK063	315	'4518565_/_4518562'	2.9	6	10	2.304	1.5	8.96	1.66 No	1.5	Element Fault
RRK063	316	'43522950_/_43522952'	0.97	2.13	3.33	0.768	0.5	3.11	0.55 No	0.5	Element Fault
RRK063	317	'4525272_/_4525269'	3.2	5.8	10	2.304	10	8.49	1.66 No	1.66	Unintentional Islanding
RRK063	318	'4520565_/_4520562_2'	1.1	1.97	3.33	0.768	0.5	2.92	0.55 No	0.5	Element Fault
RRK063	319	'4530584_/_4530581'	1.93	4.07	6.67	1.536	1.1	6.22	1.1 No	1.1	Element Fault
RRK063	320	'4521889_/_4521906_1'	3.2	5.8	10	2.304	2.5	8.48	1.66 No	1.66	Unintentional Islanding
RRK063	321	'43526042_/_4525669'	3	5.9	10	2.304	9.6	8.59	1.66 No	1.66	Unintentional Islanding
RRK063	322	'4520460_/_43525627'	3	5.9	10	2.304	1.5	8.79	1.66 No	1.5	Element Fault
RRK063	323	'4531823_/_4531821'	2.7	6.4	10	2.304	1.6	9.22	1.66 No	1.6	Element Fault
RRK063	324	'4525292_/_4525289'	3.2	5.7	10	2.304	10	8.42	1.66 No	1.66	Unintentional Islanding
RRK063	325	'43522624_/_43522626'	0.97	2	3.33	0.768	0.5	2.96	0.55 No	0.5	Element Fault
RRK063	326	'54047320_/_54047327_1'	1	1.97	3.33	0.768	0.5	2.92	0.55 No	0.5	Element Fault
RRK063	327	'4521144_/_4521154_1'	1.03	1.97	3.33	0.768	0.5	2.85	0.55 No	0.5	Element Fault
RRK063	328	'4521201_/_43526044'	3	5.9	10	2.304	9.6	8.51	1.66 No	1.66	Unintentional Islanding
RRK063	329	'8585947_/_8585944'	1	1.97	3.33	0.768	0.5	2.89	0.55 No	0.5	Element Fault
RRK063	330	'4539286_/_4539312_1'	1.03	1.97	3.33	0.768	0.5	2.85	0.55 No	0.5	Element Fault
RRK063	331	'4519377_/_4519374'	1.1	2.1	3.33	0.768	0.5	3.01	0.55 No	0.5	Element Fault
RRK063	332	'4521852_/_4525306'	3.1	5.7	10	2.304	10	8.36	1.66 No	1.66	Unintentional Islanding
RRK063	333	'4540534_/_4540531_2'	0.97	2	3.33	0.768	0.55	3.07	0.55 No	0.55	Element Fault
RRK063	334	'4521869_/_4521886'	3.1	5.7	10	2.304	2.5	8.38	1.66 No	1.66	Unintentional Islanding
RRK063	335	'4520510_/_4520507'	0.97	1.93	3.33	0.768	0.5	2.87	0.55 No	0.5	Element Fault
RRK063	336	'345281302_/_332730212_1'	3.1	5.7	10	2.304	1.7	8.34	1.66 No	1.66	Unintentional Islanding
RRK063	337	'4525740_/_4525737'	3	5.8	10	2.304	9.6	8.44	1.66 No	1.66	Unintentional Islanding
RRK063	338	'4521202_/_4521215_1'	1	1.93	3.33	0.768	0.5	2.82	0.55 No	0.5	Element Fault
RRK063	339	'43525850_/_4525323'	3.1	5.6	10	2.304	10	8.31	1.66 No	1.66	Unintentional Islanding
RRK063	340	'4520410_/_4539194'	0.97	1.93	3.33	0.768	0.5	2.84	0.55 No	0.5	Element Fault
RRK063	341	'4527724_/_43525136'	1.07	2.1	3.33	0.768	0.1	2.98	0.55 No	0.1	Element Fault
RRK063	342	'4527173_/_4527188'	3	5.8	10	2.304	9.6	8.37	1.66 No	1.66	Unintentional Islanding
RRK063	343	'4525343_/_43525852'	3.1	5.6	10	2.304	10	8.24	1.66 No	1.66	Unintentional Islanding
RRK063	344	'4533759_/_43531991'	2.9	5.6	10	2.304	1.6	8.53	1.66 No	1.6	Element Fault
RRK063	345	'4519106_/_4519103'	0.93	2.07	3.33	0.768	0.5	3.02	0.55 No	0.5	Element Fault
RRK063	346	'4521218_/_4521215_2'	0.97	1.93	3.33	0.768	0.5	2.79	0.55 No	0.5	Element Fault

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RRK063	347	'4520995_/_4521866'		3.1	5.6	10	2.304	2.5	8.26	1.66 No	1.66 Unintentional Islanding
RRK063	348	'332730236_/_332730212_2'		3.1	5.6	10	2.304	1.7	8.25	1.66 No	1.66 Unintentional Islanding
RRK063	349	'4520994_/_4520992'		3.1	5.6	10	2.304	2.5	8.25	1.66 No	1.66 Unintentional Islanding
RRK063	350	'4520939_/_4525357'		3.1	5.5	10	2.304	10	8.19	1.66 No	1.66 Unintentional Islanding
RRK063	351	'43526031_/_4521154_2'		1.03	1.9	3.33	0.768	0.5	2.79	0.55 No	0.5 Element Fault
RRK063	352	'43522568_/_4530723'		1.8	3.93	6.67	1.536	1.1	6.01	1.1 No	1.1 Element Fault
RRK063	353	'4518718_/_4518715'		2.7	5.8	10	2.304	1.5	8.68	1.66 No	1.5 Element Fault
RRK063	354	'4521337_/_4527171'		2.9	5.7	10	2.304	9.6	8.29	1.66 No	1.66 Unintentional Islanding
RRK063	355	'7143610_/_7143607_2'		1	1.83	3.33	0.768	0.83	2.74	0.55 No	0.55 Unintentional Islanding
RRK063	356	'8880268_/_8880266'		2.6	6.1	10	2.304	1.5	8.95	1.66 No	1.5 Element Fault
RRK063	357	'43531546_/_4529991'		1.13	1.93	3.33	0.768	0.5	2.95	0.55 No	0.5 Element Fault
RRK063	358	'44078491_/_4525686'		2.9	5.7	10	2.304	9.6	8.25	1.66 No	1.66 Unintentional Islanding
RRK063	359	'7641619_/_7641616'		2.8	5.6	10	2.304	1.5	8.53	1.66 No	1.5 Element Fault
RRK063	360	'4532216_/_4532213'		3	5.5	10	2.304	2.5	8.18	1.66 No	1.66 Unintentional Islanding
RRK063	361	'43531720_/_4531975'		2.6	6.1	10	2.304	1.6	8.91	1.66 No	1.6 Element Fault
RRK063	362	'306557597_/_43525889_1'		1.03	1.83	3.33	0.768	0.1	2.71	0.55 No	0.1 Element Fault
RRK063	363	'4533153_/_4533150'		3.1	5.5	10	2.304	10	8.11	1.66 No	1.66 Unintentional Islanding
RRK063	364	'4527311_/_4530602'		0.97	1.93	3.33	0.768	0.55	2.98	0.55 No	0.55 Element Fault
RRK063	365	'4520940_/_4520950_1'		1	1.83	3.33	0.768	0.5	2.71	0.55 No	0.5 Element Fault
RRK063	366	'43526088_/_44078495'		2.9	5.7	10	2.304	9.6	8.21	1.66 No	1.66 Unintentional Islanding
RRK063	367	'4521338_/_4521348_1'		0.97	1.87	3.33	0.768	0.5	2.74	0.55 No	0.5 Element Fault
RRK063	368	'43522972_/_4531523'		1.03	2	3.33	0.768	0.5	2.95	0.55 No	0.5 Element Fault
RRK063	369	'8585963_/_8585960'		0.93	1.87	3.33	0.768	0.5	2.8	0.55 No	0.5 Element Fault
RRK063	370	'4521379_/_4525703'		2.9	5.6	10	2.304	9.6	8.13	1.66 No	1.66 Unintentional Islanding
RRK063	371	'4525989_/_4533170'		3	5.4	10	2.304	10	8.02	1.66 No	1.66 Unintentional Islanding
RRK063	372	'4520923_/_4520950_2'		1	1.8	3.33	0.768	0.5	2.68	0.55 No	0.5 Element Fault
RRK063	373	'43525942_/_4532233'		3	5.4	10	2.304	2.5	8.08	1.66 No	1.66 Unintentional Islanding
RRK063	374	'44955299_/_4531429'		0.9	2	3.33	0.768	0.5	2.94	0.55 No	0.5 Element Fault
RRK063	375	'4533657_/_4533654'		1.2	1.83	3.33	0.768	0.5	2.79	0.55 No	0.5 Element Fault
RRK063	376	'4518806_/_4518803'		2.7	5.6	10	2.304	1.5	8.52	1.66 No	1.5 Element Fault
RRK063	377	'4534316_/_7143607_1'		1	1.8	3.33	0.768	0.5	2.69	0.55 No	0.5 Element Fault
RRK063	378	'4525756_/_4525805'		2.9	5.6	10	2.304	9.6	8.07	1.66 No	1.66 Unintentional Islanding
RRK063	379	'4521380_/_4521393_1'		0.97	1.87	3.33	0.768	0.5	2.7	0.55 No	0.5 Element Fault
RRK063	380	'4521231_/_4521228'		0.93	1.83	3.33	0.768	0.5	2.72	0.55 No	0.5 Element Fault
RRK063	381	'4522486_/_4525987'		3	5.4	10	2.304	10	7.95	1.66 No	1.66 Unintentional Islanding
RRK063	382	'4530814_/_4530811'		1.1	1.87	3.33	0.768	0.5	2.88	0.55 No	0.5 Element Fault
RRK063	383	'4521531_/_4525754'		2.8	5.5	10	2.304	9.6	8.01	1.66 No	1.66 Unintentional Islanding
RRK063	384	'4532253_/_4532250'		2.9	5.4	10	2.304	2.5	7.98	1.66 No	1.66 Unintentional Islanding
RRK063	385	'4521157_/_43526033'		1.03	1.83	3.33	0.768	0.5	2.71	0.55 No	0.5 Element Fault
RRK063	386	'59154239_/_55454955_1'		0.93	1.83	3.33	0.768	0.4	2.66	0.55 No	0.4 Element Fault
RRK063	387	'43525614_/_4520520'		0.9	1.83	3.33	0.768	0.5	2.73	0.55 No	0.5 Element Fault
RRK063	388	'43525145_/_4527722'		1	1.97	3.33	0.768	0.1	2.84	0.55 No	0.1 Element Fault
RRK063	389	'494099082_/_4532267'		2.9	5.3	10	2.304	2.5	7.96	1.66 No	1.66 Unintentional Islanding
RRK063	390	'43526402_/_4526004'		3	5.3	10	2.304	10	7.86	1.66 No	1.66 Unintentional Islanding
RRK063	391	'4527312_/_4527309'		0.97	1.87	3.33	0.768	0.55	2.9	0.55 No	0.55 Element Fault
RRK063	392	'4533774_/_4533771'		2.7	5.3	10	2.304	1.6	8.21	1.66 No	1.6 Element Fault
RRK063	393	'4518790_/_4518787'		0.9	1.83	3.33	0.768	0.5	2.79	0.55 No	0.5 Element Fault
RRK063	394	'43525887_/_43525889_2'		1.03	1.77	3.33	0.768	0.1	2.63	0.55 No	0.1 Element Fault
RRK063	395	'43531941_/_4539055'		1.1	1.8	3.33	0.768	0.5	2.73	0.55 No	0.5 Element Fault
RRK063	396	'4531299_/_4540531_1'		0.97	1.87	3.33	0.768	0.3	2.9	0.55 No	0.3 Element Fault
RRK063	397	'4518450_/_43531548'		1.1	1.83	3.33	0.768	0.5	2.85	0.55 No	0.5 Element Fault
RRK063	398	'43522580_/_4530738'		1.73	3.73	6.67	1.536	1.1	5.77	1.1 No	1.1 Element Fault
RRK063	399	'4539273_/_4539283'		1.03	1.8	3.33	0.768	0.5	2.69	0.55 No	0.5 Element Fault
RRK063	400	'4521518_/_4525771'		2.8	5.5	10	2.304	9.6	7.91	1.66 No	1.66 Unintentional Islanding
RRK063	401	'4497363_/_43526404'		3	5.3	10	2.304	10	7.8	1.66 No	1.66 Unintentional Islanding
RRK063	402	'70128409_/_55454955_2'		0.93	1.83	3.33	0.768	0.4	2.64	0.55 No	0.4 Element Fault
RRK063	403	'4531927_/_4531925'		2.5	5.8	10	2.304	1.6	8.61	1.66 No	1.6 Element Fault
RRK063	404	'43525079_/_4519387'		1	1.93	3.33	0.768	0.5	2.83	0.55 No	0.5 Element Fault
RRK063	405	'4520965_/_43525889_3'		1.03	1.77	3.33	0.768	0.1	2.62	0.55 No	0.1 Element Fault
RRK063	406	'4532270_/_494099086'		2.9	5.3	10	2.304	2.5	7.88	1.66 No	1.66 Unintentional Islanding
RRK063	407	'115246310_/_7959729_1'		0.93	1.8	3.33	0.768	0.2	2.63	0.55 No	0.2 Element Fault
RRK063	408	'4521396_/_4521393_2'		0.93	1.8	3.33	0.768	0.5	2.64	0.55 No	0.5 Element Fault
RRK063	409	'4540560_/_4540570_1'		0.87	1.87	3.33	0.768	0.3	2.86	0.55 No	0.3 Element Fault
RRK063	410	'43522679_/_4518823'		2.6	5.4	10	2.304	1.5	8.3	1.66 No	1.5 Element Fault
RRK063	411	'4522338_/_4527083'		2.9	5.2	10	2.304	10	7.74	1.66 No	1.66 Unintentional Islanding
RRK063	412	'7196076_/_7196073'		2.7	5.4	10	2.304	4.7	7.92	1.66 No	1.66 Unintentional Islanding
RRK063	413	'4518536_/_4518533'		1.07	1.8	3.33	0.768	0.5	2.75	0.55 No	0.5 Element Fault
RRK063	414	'45326114_/_4525788'		2.8	5.4	10	2.304	9.6	7.82	1.66 No	1.66 Unintentional Islanding
RRK063	415	'4521351_/_4521348_2'		1	1.8	3.33	0.768	0.5	2.64	0.55 No	0.5 Element Fault
RRK063	416	'8276147_/_8276144_2'		1.03	1.8	3.33	0.768	0.5	2.66	0.55 No	0.5 Element Fault
RRK063	417	'4534303_/_4534313'		0.93	1.73	3.33	0.768	0.5	2.62	0.55 No	0.5 Element Fault
RRK063	418	'4526044_/_4526041'		2.9	5.2	10	2.304	10	7.69	1.66 No	1.66 Unintentional Islanding
RRK063	419	'4497362_/_4497360'		2	3.47	6.67	1.536	2.3	5.14	1.1 No	1.1 Unintentional Islanding
RRK063	420	'4532287_/_4532284'		2.8	5.2	10	2.304	2.5	7.8	1.66 No	1.66 Unintentional Islanding
RRK063	421	'4521561_/_55454955_3'		0.9	1.77	3.33	0.768	0.3	2.61	0.55 No	0.3 Element Fault
RRK063	422	'4519119_/_4519116'		0.83	1.9	3.33	0.768	0.5	2.83	0.55 No	0.5 Element Fault
RRK063	423	'4531285_/_4531296'		0.97	1.83	3.33	0.768	0.3	2.84	0.55 No	0.3 Element Fault
RRK063	424	'4484558_/_43526116'		2.8	5.3	10	2.304	9.6	7.74	1.66 No	1.66 Unintentional Islanding
RRK063	425	'70128423_/_4532168_1'		0.93	1.73	3.33	0.768	0.5	2.59	0.55 No	0.5 Element Fault
RRK063	426	'4526064_/_4526061'		2.9	5.1	10	2.304	10	7.63	1.66 No	1.66 Unintentional Islanding
RRK063	427	'4520924_/_4520921'		0.93	1.7	3.33	0.768	0.5	2.58	0.55 No	0.5 Element Fault
RRK063	428	'4532125_/_4532301'		2.8	5.1	10	2.304	2.5	7.72	1.66 No	1.66 Unintentional Islanding
RRK063	429	'66290777_/_58021730_2'		2	3.4	6.67	1.536	2.3	5.09	1.1 No	1.1 Unintentional Islanding
RRK063	430	'43526450_/_4526078'		2.9	5.1	10	2.304	10	7.58	1.66 No	1.66 Unintentional Islanding
RRK063	431	'4484018_/_4484556'		2.7	5.3	10	2.304	9.6	7.68	1.66 No	1.66 Unintentional Islanding
RRK063	432	'43526149_/_4521516'		0.93	1.77	3.33	0.768	1.1	2.57	0.55 No	0.55 Unintentional Islanding
RRK063	433	'4521299_/_4521309'		0.9	1.73	3.33	0.768	0.5	2.61	0.55 No	0.5 Element Fault
RRK063	434	'4531500_/_4531510'		0.97	1.87	3.33	0.768	0.5	2.79	0.55 No	0.5 Element Fault
RRK063	435	'4522099_/_58021730_1'		2	3.4	6.67	1.536	1.1	5.07	1.1 No	1.1 Element Fault
RRK063	436	'4532108_/_4532122'		2.8	5.1	10	2.304	2.5	7.67	1.66 No	1.66 Unintentional Islanding
RRK063	437	'7641726_/_8276144_1'		1.03	1.73	3.33	0.768	0.3	2.61	0.55 No	0.3 Element Fault
RRK063	438	'4484575_/_4484590'		2.7	5.3	10	2.304	9.6	7.63	1.66 No	1.66 Unintentional Islanding
RRK063	439	'4526098_/_43526452'		2.9	5.1	10	2.304	10	7.53	1.66 No	1.66 Unintentional Islanding
RRK063	440	'4532171_/_4532168_2'		0.93	1.7	3.33	0.768	0.5	2.56	0.55 No	0.5 Element Fault

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RRK063	441	'4521574_/_4521571'	0.9	1.73	3.33	0.768	0.4	2.56	0.55 No	0.4	Element Fault
RRK063	442	'115246355_/_4484032_1'	0.9	1.73	3.33	0.768	0.5	2.54	0.55 No	0.5	Element Fault
RRK063	443	'4519442_/_43525147'	0.97	1.87	3.33	0.768	0.1	2.72	0.55 No	0.1	Element Fault
RRK063	444	'4531913_/_4531957'	1.53	3.67	6.67	1.536	1.07	5.53	1.1 No	1.07	Element Fault
RRK063	445	'4483679_/_4484573'	2.7	5.2	10	2.304	9.6	7.57	1.66 No	1.66	Unintentional Islanding
RRK063	446	'4526115_/_4526112'	2.9	5	10	2.304	10	7.47	1.66 No	1.66	Unintentional Islanding
RRK063	447	'4518327_/_4540570_2'	0.87	1.77	3.33	0.768	0.3	2.77	0.55 No	0.3	Element Fault
RRK063	448	'4520536_/_4520533'	0.87	1.73	3.33	0.768	0.5	2.61	0.55 No	0.5	Element Fault
RRK063	449	'4521489_/_4521487_1'	0.93	1.73	3.33	0.768	0.5	2.55	0.55 No	0.5	Element Fault
RRK063	450	'4518451_/_4518448'	1.03	1.77	3.33	0.768	0.5	2.74	0.55 No	0.5	Element Fault
RRK063	451	'7325776_/_7959589_1'	0.9	1.73	3.33	0.768	0.5	2.53	0.55 No	0.5	Element Fault
RRK063	452	'4532091_/_4532105'	2.7	5	10	2.304	2.5	7.58	1.66 No	1.66	Unintentional Islanding
RRK063	453	'4518842_/_43522681'	2.4	5.2	10	2.304	1.5	8.03	1.66 No	1.5	Element Fault
RRK063	454	'43526426_/_43526428'	2.8	5	10	2.304	3.6	7.57	1.66 No	1.66	Unintentional Islanding
RRK063	455	'4483666_/_4483663_2'	0.9	1.73	3.33	0.768	1.2	2.51	0.55 No	0.55	Unintentional Islanding
RRK063	456	'4521367_/_4521364'	1	1.7	3.33	0.768	0.5	2.56	0.55 No	0.5	Element Fault
RRK063	457	'43525920_/_4532350'	0.93	1.67	3.33	0.768	0.5	2.52	0.55 No	0.5	Element Fault
RRK063	458	'4483678_/_43521224_2'	0.9	1.73	3.33	0.768	1.2	2.51	0.55 No	0.55	Unintentional Islanding
RRK063	459	'43526463_/_4526129'	2.9	5	10	2.304	10	7.41	1.66 No	1.66	Unintentional Islanding
RRK063	460	'43531905_/_4533789'	2.5	5	10	2.304	1.6	7.84	1.66 No	1.6	Element Fault
RRK063	461	'4539074_/_4539071'	1.1	1.7	3.33	0.768	0.5	2.61	0.55 No	0.5	Element Fault
RRK063	462	'4464483_/_4484610'	2.7	5.1	10	2.304	9.6	7.47	1.66 No	1.66	Unintentional Islanding
RRK063	463	'4522466_/_4522463_2'	2.8	5	10	2.304	3.6	7.52	1.66 No	1.66	Unintentional Islanding
RRK063	464	'4518328_/_4518325'	0.87	1.77	3.33	0.768	0.3	2.73	0.55 No	0.3	Element Fault
RRK063	465	'54976174_/_43526465'	2.8	4.9	10	2.304	10	7.36	1.66 No	1.66	Unintentional Islanding
RRK063	466	'4532090_/_4532088'	2.7	5	10	2.304	2.5	7.5	1.66 No	1.66	Unintentional Islanding
RRK063	467	'4484074_/_4484071'	2.7	5.1	10	2.304	9.6	7.42	1.66 No	1.66	Unintentional Islanding
RRK063	468	'4520411_/_4520408'	0.83	1.7	3.33	0.768	0.5	2.57	0.55 No	0.5	Element Fault
RRK063	469	'4539801_/_4539798'	0.93	1.8	3.33	0.768	0.1	2.66	0.55 No	0.1	Element Fault
RRK063	470	'4521409_/_4521406'	0.87	1.7	3.33	0.768	0.5	2.51	0.55 No	0.5	Element Fault
RRK063	471	'4518843_/_4518840'	0.8	1.7	3.33	0.768	0.5	2.63	0.55 No	0.5	Element Fault
RRK063	472	'4521172_/_4521943'	0.83	1.67	3.33	0.768	0.5	2.55	0.55 No	0.5	Element Fault
RRK063	473	'4526149_/_4526146'	2.8	4.9	10	2.304	10	7.29	1.66 No	1.66	Unintentional Islanding
RRK063	474	'4532048_/_4540858'	2.7	4.9	10	2.304	2.5	7.43	1.66 No	1.66	Unintentional Islanding
RRK063	475	'4464484_/_4464481'	0.9	1.7	3.33	0.768	0.5	2.46	0.55 No	0.5	Element Fault
RRK063	476	'4530827_/_4530824'	1	1.7	3.33	0.768	0.5	2.67	0.55 No	0.5	Element Fault
RRK063	477	'4526166_/_4526163'	2.8	4.9	10	2.304	10	7.24	1.66 No	1.66	Unintentional Islanding
RRK063	478	'478819324_/_466847239_1'	2.8	4.9	10	2.304	10	7.23	1.66 No	1.66	Unintentional Islanding
RRK063	479	'4531286_/_4531283'	0.97	1.7	3.33	0.768	0.3	2.7	0.55 No	0.3	Element Fault
RRK063	480	'4484035_/_4484032_2'	0.87	1.67	3.33	0.768	0.5	2.46	0.55 No	0.5	Element Fault
RRK063	481	'4533685_/_43531907'	2.5	4.9	10	2.304	1.6	7.67	1.66 No	1.6	Element Fault
RRK063	482	'4539772_/_43525081'	0.9	1.77	3.33	0.768	0.5	2.65	0.55 No	0.5	Element Fault
RRK063	483	'4534634_/_4534646'	2	3.2	6.67	1.536	1.1	4.9	1.1 No	1.1	Element Fault
RRK063	484	'4534302_/_4534300'	0.87	1.63	3.33	0.768	0.5	2.48	0.55 No	0.5	Element Fault
RRK063	485	'4540843_/_4540841'	2.6	4.9	10	2.304	2.5	7.37	1.66 No	1.66	Unintentional Islanding
RRK063	486	'4484091_/_4484088'	2.6	5	10	2.304	9.6	7.3	1.66 No	1.66	Unintentional Islanding
RRK063	487	'466847735_/_4526183'	2.8	4.8	10	2.304	10	7.2	1.66 No	1.66	Unintentional Islanding
RRK063	488	'4539260_/_4539270'	1.07	1.67	3.33	0.768	0.5	2.51	0.55 No	0.5	Element Fault
RRK063	489	'4532049_/_4532062_1'	0.87	1.63	3.33	0.768	0.5	2.46	0.55 No	0.5	Element Fault
RRK063	490	'4531912_/_4531910'	1.47	3.53	6.67	1.536	1.07	5.33	1.1 No	1.07	Element Fault
RRK063	491	'4522741_/_466658523'	2.8	4.8	10	2.304	10	7.18	1.66 No	1.66	Unintentional Islanding
RRK063	492	'43525863_/_4533124'	0.87	1.6	3.33	0.768	0.5	2.46	0.55 No	0.5	Element Fault
RRK063	493	'590252555_/_4526546_1'	2.8	4.8	10	2.304	1.5	7.17	1.66 No	1.5	Element Fault
RRK063	494	'7326678_/_70070872_1'	1.07	1.67	3.33	0.768	0.3	2.5	0.55 No	0.3	Element Fault
RRK063	495	'4532155_/_4532168_3'	0.93	1.6	3.33	0.768	0.5	2.46	0.55 No	0.5	Element Fault
RRK063	496	'4519132_/_4519129'	0.77	1.77	3.33	0.768	0.5	2.66	0.55 No	0.5	Element Fault
RRK063	497	'4531487_/_4531497'	0.9	1.77	3.33	0.768	0.5	2.65	0.55 No	0.5	Element Fault
RRK063	498	'43522692_/_4518869'	2.3	5	10	2.304	1.5	7.75	1.66 No	1.5	Element Fault
RRK063	499	'4533699_/_4533696'	0.83	1.6	3.33	0.768	0.53	2.53	0.55 No	0.53	Element Fault
RRK063	500	'4540898_/_4540913'	2.6	4.8	10	2.304	2.5	7.3	1.66 No	1.66	Unintentional Islanding
RRK063	501	'4522724_/_4522721_2'	2.8	4.8	10	2.304	3.6	7.15	1.66 No	1.66	Unintentional Islanding
RRK063	502	'43522668_/_4518461'	0.97	1.67	3.33	0.768	0.5	2.63	0.55 No	0.5	Element Fault
RRK063	503	'4526549_/_4526546_2'	2.8	4.8	10	2.304	1.5	7.13	1.66 No	1.5	Element Fault
RRK063	504	'4484111_/_4484108'	2.6	5	10	2.304	9.6	7.22	1.66 No	1.66	Unintentional Islanding
RRK063	505	'4518872_/_434516957_2'	1.53	3.33	6.67	1.536	1	5.15	1.1 No	1	Element Fault
RRK063	506	'4518549_/_4518546'	1.03	1.67	3.33	0.768	0.5	2.56	0.55 No	0.5	Element Fault
RRK063	507	'434516937_/_434516957_1'	1.53	3.33	6.67	1.536	0.6	5.14	1.1 No	0.6	Element Fault
RRK063	508	'4526566_/_4526563'	2.7	4.8	10	2.304	1.5	7.09	1.66 No	1.5	Element Fault
RRK063	509	'4528600_/_4539257'	1.07	1.63	3.33	0.768	0.5	2.47	0.55 No	0.5	Element Fault
RRK063	510	'4532141_/_4532181'	0.93	1.6	3.33	0.768	0.5	2.43	0.55 No	0.5	Element Fault
RRK063	511	'4518341_/_4518338'	0.87	1.67	3.33	0.768	0.3	2.62	0.55 No	0.3	Element Fault
RRK063	512	'43521222_/_43521224_1'	0.9	1.63	3.33	0.768	0.5	2.41	0.55 No	0.5	Element Fault
RRK063	513	'4540881_/_4540950'	2.6	4.8	10	2.304	2.5	7.24	1.66 No	1.66	Unintentional Islanding
RRK063	514	'4520577_/_4539084'	1.1	1.63	3.33	0.768	0.5	2.51	0.55 No	0.5	Element Fault
RRK063	515	'4464526_/_4484125'	2.6	4.9	10	2.304	9.6	7.13	1.66 No	1.66	Unintentional Islanding
RRK063	516	'43526582_/_4526580'	2.7	4.7	10	2.304	1.5	7.04	1.66 No	1.5	Element Fault
RRK063	517	'4483665_/_4483663_1'	0.83	1.63	3.33	0.768	0.6	2.41	0.55 No	0.55	Unintentional Islanding
RRK063	518	'4518598_/_4518595'	0.87	1.67	3.33	0.768	0.3	2.61	0.55 No	0.3	Element Fault
RRK063	519	'70070875_/_70070872_2'	1.03	1.47	3.33	0.768	0.3	2.46	0.55 No	0.3	Element Fault
RRK063	520	'434044798_/_8585928_1'	0.77	1.63	3.33	0.768	0.3	2.55	0.55 No	0.3	Element Fault
RRK063	521	'43531745_/_4531995'	2.2	5.1	10	2.304	1.6	7.89	1.66 No	1.6	Element Fault
RRK063	522	'591761864_/_591761852_1'	0.93	1.6	3.33	0.768	0.3	2.41	0.55 No	0.3	Element Fault
RRK063	523	'53288620_/_53288590_1'	1.1	1.6	3.33	0.768	0.3	2.49	0.55 No	0.3	Element Fault
RRK063	524	'4518859_/_4518856'	0.77	1.63	3.33	0.768	0.5	2.53	0.55 No	0.5	Element Fault
RRK063	525	'43526160_/_4521487_2'	0.93	1.6	3.33	0.768	0.5	2.42	0.55 No	0.5	Element Fault
RRK063	526	'4526600_/_43526584'	2.7	4.7	10	2.304	1.5	6.99	1.66 No	1.5	Element Fault
RRK063	527	'4522449_/_4522463_1'	2.6	4.7	10	2.304	1.5	7.21	1.66 No	1.5	Element Fault
RRK063	528	'7641727_/_7641724'	1.07	1.6	3.33	0.768	0.3	2.45	0.55 No	0.3	Element Fault
RRK063	529	'4534693_/_4540878'	2.5	4.7	10	2.304	2.5	7.14	1.66 No	1.66	Unintentional Islanding
RRK063	530	'4533348_/_4533683'	0.83	1.57	3.33	0.768	0.53	2.47	0.55 No	0.53	Element Fault
RRK063	531	'4527406_/_4527403'	2.7	4.7	10	2.304	1.5	6.95	1.66 No	1.5	Element Fault
RRK063	532	'4484145_/_4484142'	2.5	4.8	10	2.304	9.6	7.02	1.66 No	1.66	Unintentional Islanding
RRK063	533	'4531892_/_4531942'	1.4	3.4	6.67	1.536	1.07	5.14	1.1 No	1.07	Element Fault
RRK063	534	'124294456_/_4464523_2'	0.87	1.6	3.33	0.768	1.2	2.34	0.55 No	0.55	Unintentional Islanding

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RRK063	535	'4532065_/4532062_2'		0.83	1.57	3.33	0.768	0.5	2.38	0.55 No	0.5 Element Fault
RRK063	536	'4533715_/4533712'		0.83	1.57	3.33	0.768	0.53	2.46	0.55 No	0.53 Element Fault
RRK063	537	'43526066_/4521296'		0.8	1.6	3.33	0.768	0.5	2.42	0.55 No	0.5 Element Fault
RRK063	538	'43526369_/4534664'		1	1.53	3.33	0.768	0.55	2.36	0.55 No	0.55 Element Fault
RRK063	539	'466847275_/466847239_2'		2.7	4.6	10	2.304	10	6.96	1.66 No	1.66 Unintentional Islanding
RRK063	540	'4527423_/4527420'		2.7	4.6	10	2.304	1.5	6.9	1.66 No	1.5 Element Fault
RRK063	541	'4527224_/4531309'		0.93	1.63	3.33	0.768	0.3	2.58	0.55 No	0.3 Element Fault
RRK063	542	'4497348_/4534631'		2	3.07	6.67	1.536	1.1	4.71	1.1 No	1.1 Element Fault
RRK063	543	'4521590_/4521587'		0.8	1.57	3.33	0.768	0.5	2.39	0.55 No	0.5 Element Fault
RRK063	544	'43525427_/43525429'		0.83	1.53	3.33	0.768	0.5	2.38	0.55 No	0.5 Element Fault
RRK063	545	'153499436_/4527222_1'		0.93	1.63	3.33	0.768	0.2	2.57	0.55 No	0.2 Element Fault
RRK063	546	'43528336_/4534690'		2.5	4.6	10	2.304	2.5	7.05	1.66 No	1.66 Unintentional Islanding
RRK063	547	'4484162_/4484159'		2.5	4.8	10	2.304	9.6	6.93	1.66 No	1.66 Unintentional Islanding
RRK063	548	'4527440_/4527437'		2.6	4.6	10	2.304	1.5	6.85	1.66 No	1.5 Element Fault
RRK063	549	'4526616_/4527454'		2.6	4.6	10	2.304	1.5	6.84	1.66 No	1.5 Element Fault
RRK063	550	'43532176_/45339811'		0.87	1.67	3.33	0.768	0.5	2.51	0.55 No	0.5 Element Fault
RRK063	551	'4522299_/4534677'		1	1.53	3.33	0.768	0.55	2.34	0.55 No	0.55 Element Fault
RRK063	552	'4522448_/4522446'		2.5	4.5	10	2.304	1.5	7.07	1.66 No	1.5 Element Fault
RRK063	553	'4464541_/4484176'		2.5	4.7	10	2.304	9.6	6.88	1.66 No	1.66 Unintentional Islanding
RRK063	554	'4526617_/4526614'		2.6	4.6	10	2.304	1.5	6.8	1.66 No	1.5 Element Fault
RRK063	555	'43528419_/43528421'		1.73	3.07	6.67	1.536	1.67	4.67	1.1 No	1.1 Unintentional Islanding
RRK063	556	'4531486_/4531484'		0.83	1.67	3.33	0.768	0.5	2.53	0.55 No	0.5 Element Fault
RRK063	557	'4520756_/4534707'		2.5	4.6	10	2.304	2.5	6.98	1.66 No	1.66 Unintentional Islanding
RRK063	558	'4533349_/4533346'		0.83	1.53	3.33	0.768	0.53	2.42	0.55 No	0.53 Element Fault
RRK063	559	'4518611_/4518608_1'		0.87	1.6	3.33	0.768	0.3	2.52	0.55 No	0.3 Element Fault
RRK063	560	'4526634_/4526631'		2.6	4.6	10	2.304	1.5	6.77	1.66 No	1.5 Element Fault
RRK063	561	'4534748_/4534745_2'		1.73	3.07	6.67	1.536	1.67	4.66	1.1 No	1.1 Unintentional Islanding
RRK063	562	'43522591_/4518351'		0.87	1.6	3.33	0.768	0.3	2.51	0.55 No	0.3 Element Fault
RRK063	563	'4464525_/4464523_1'		0.87	1.57	3.33	0.768	0.6	2.29	0.55 No	0.55 Unintentional Islanding
RRK063	564	'43522602_/4518608_2'		0.87	1.6	3.33	0.768	0.3	2.51	0.55 No	0.3 Element Fault
RRK063	565	'4464542_/4464571_1'		0.83	1.57	3.33	0.768	0.5	2.28	0.55 No	0.5 Element Fault
RRK063	566	'620872854_/466847294_1'		2.6	4.5	10	2.304	10	6.81	1.66 No	1.66 Unintentional Islanding
RRK063	567	'4532154_/4532152'		0.97	1.5	3.33	0.768	0.5	2.34	0.55 No	0.5 Element Fault
RRK063	568	'4526651_/4526648'		2.6	4.5	10	2.304	1.5	6.73	1.66 No	1.5 Element Fault
RRK063	569	'7128692_/466847294_2'		2.6	4.5	10	2.304	10	6.79	1.66 No	1.66 Unintentional Islanding
RRK063	570	'466847794_/466847375'		2.6	4.5	10	2.304	10	6.79	1.66 No	1.66 Unintentional Islanding
RRK063	571	'43520557_/4484281'		2.5	4.7	10	2.304	9.6	6.78	1.66 No	1.66 Unintentional Islanding
RRK063	572	'498479944_/466847412'		2.6	4.5	10	2.304	10	6.78	1.66 No	1.66 Unintentional Islanding
RRK063	573	'620872835_/498479971_1'		2.6	4.5	10	2.304	1.5	6.78	1.66 No	1.5 Element Fault
RRK063	574	'4521173_/4521170'		0.77	1.53	3.33	0.768	0.5	2.38	0.55 No	0.5 Element Fault
RRK063	575	'489264808_/591761852_2'		0.97	1.5	3.33	0.768	0.3	2.32	0.55 No	0.3 Element Fault
RRK063	576	'4520714_/4521926'		2.4	4.5	10	2.304	2.5	6.9	1.66 No	1.66 Unintentional Islanding
RRK063	577	'43525112_/4519142'		0.73	1.63	3.33	0.768	0.5	2.5	0.55 No	0.5 Element Fault
RRK063	578	'4521422_/4521419'		0.77	1.53	3.33	0.768	0.5	2.34	0.55 No	0.5 Element Fault
RRK063	579	'4484675_/4484688_1'		0.87	1.53	3.33	0.768	0.5	2.28	0.55 No	0.5 Element Fault
RRK063	580	'4529745_/7128706'		2.6	4.5	10	2.304	10	6.76	1.66 No	1.66 Unintentional Islanding
RRK063	581	'43525651_/4520575'		1.07	1.53	3.33	0.768	0.5	2.39	0.55 No	0.5 Element Fault
RRK063	582	'4534730_/4534745_1'		1.73	3	6.67	1.536	1	4.59	1.1 No	1 Element Fault
RRK063	583	'4527257_/4527254'		0.9	1.57	3.33	0.768	0.3	2.5	0.55 No	0.3 Element Fault
RRK063	584	'466658403_/466658412'		2.6	4.4	10	2.304	10	6.73	1.66 No	1.66 Unintentional Islanding
RRK063	585	'4528436_/4529743'		2.6	4.4	10	2.304	10	6.72	1.66 No	1.66 Unintentional Islanding
RRK063	586	'7959575_/104602299_1'		0.87	1.53	3.33	0.768	0.5	2.27	0.55 No	0.5 Element Fault
RRK063	587	'498479909_/498479971_2'		2.6	4.4	10	2.304	1.5	6.74	1.66 No	1.5 Element Fault
RRK063	588	'43521278_/4483718'		0.8	1.53	3.33	0.768	0.6	2.29	0.55 No	0.55 Unintentional Islanding
RRK063	589	'504748784_/504748781'		2.6	4.4	10	2.304	10	6.7	1.66 No	1.66 Unintentional Islanding
RRK063	590	'4464615_/4484193'		2.4	4.6	10	2.304	9.6	6.7	1.66 No	1.66 Unintentional Islanding
RRK063	591	'4521127_/4528598'		1.07	1.53	3.33	0.768	0.5	2.33	0.55 No	0.5 Element Fault
RRK063	592	'4522432_/43525865'		0.8	1.47	3.33	0.768	0.5	2.3	0.55 No	0.5 Element Fault
RRK063	593	'4497333_/4497345'		2	2.93	6.67	1.536	1.1	4.57	1.1 No	1.1 Element Fault
RRK063	594	'4520713_/4520711'		2.4	4.5	10	2.304	2.5	6.82	1.66 No	1.66 Unintentional Islanding
RRK063	595	'4529763_/4529760'		2.6	4.4	10	2.304	10	6.68	1.66 No	1.66 Unintentional Islanding
RRK063	596	'504748802_/504748799'		2.6	4.4	10	2.304	10	6.67	1.66 No	1.66 Unintentional Islanding
RRK063	597	'4521273_/4521283'		0.77	1.5	3.33	0.768	0.5	2.33	0.55 No	0.5 Element Fault
RRK063	598	'43525739_/4520754'		2.4	4.4	10	2.304	2.5	6.82	1.66 No	1.66 Unintentional Islanding
RRK063	599	'4539640_/4539637'		0.83	1.5	3.33	0.768	0.53	2.35	0.55 No	0.53 Element Fault
RRK063	600	'4464589_/4464587_1'		0.8	1.53	3.33	0.768	0.5	2.22	0.55 No	0.5 Element Fault
RRK063	601	'4532078_/4532075'		0.8	1.47	3.33	0.768	0.5	2.28	0.55 No	0.5 Element Fault
RRK063	602	'4523084_/4529783'		2.6	4.4	10	2.304	10	6.64	1.66 No	1.66 Unintentional Islanding
RRK063	603	'504748820_/504748817'		2.6	4.4	10	2.304	10	6.63	1.66 No	1.66 Unintentional Islanding
RRK063	604	'4522707_/4522721_1'		2.5	4.4	10	2.304	1.6	6.71	1.66 No	1.6 Element Fault
RRK063	605	'4484213_/4484210'		2.4	4.6	10	2.304	9.6	6.63	1.66 No	1.66 Unintentional Islanding
RRK063	606	'8905190_/9218688'		0.8	1.53	3.33	0.768	1.4	2.21	0.55 No	0.55 Unintentional Islanding
RRK063	607	'8585931_/8585928_2'		0.7	1.5	3.33	0.768	0.3	2.4	0.55 No	0.3 Element Fault
RRK063	608	'4527225_/4527222_2'		0.87	1.53	3.33	0.768	0.2	2.46	0.55 No	0.2 Element Fault
RRK063	609	'504748838_/504748835'		2.5	4.4	10	2.304	10	6.6	1.66 No	1.66 Unintentional Islanding
RRK063	610	'4522300_/4522297'		1	1.47	3.33	0.768	0.55	2.26	0.55 No	0.55 Element Fault
RRK063	611	'43526171_/4521503'		0.93	1.5	3.33	0.768	0.5	2.28	0.55 No	0.5 Element Fault
RRK063	612	'43525726_/4533874'		2.4	4.4	10	2.304	2.5	6.75	1.66 No	1.66 Unintentional Islanding
RRK063	613	'43520524_/43520526'		0.9	1.5	3.33	0.768	0.5	2.27	0.55 No	0.5 Element Fault
RRK063	614	'4522503_/4522500'		2.4	4.3	10	2.304	1.5	6.84	1.66 No	1.5 Element Fault
RRK063	615	'4518477_/43522670'		0.87	1.5	3.33	0.768	0.5	2.42	0.55 No	0.5 Element Fault
RRK063	616	'43526712_/4529513'		2.6	4.3	10	2.304	10	6.58	1.66 No	1.66 Unintentional Islanding
RRK063	617	'504748856_/504748853'		2.5	4.4	10	2.304	10	6.55	1.66 No	1.66 Unintentional Islanding
RRK063	618	'434894735_/4527322'		0.87	1.53	3.33	0.768	0.3	2.45	0.55 No	0.3 Element Fault
RRK063	619	'7326677_/8276196'		1.03	1.5	3.33	0.768	0.3	2.31	0.55 No	0.3 Element Fault
RRK063	620	'4484230_/4484227'		2.4	4.5	10	2.304	9.6	6.56	1.66 No	1.66 Unintentional Islanding
RRK063	621	'4521506_/452819020_2'		0.93	1.5	3.33	0.768	0.5	2.27	0.55 No	0.5 Element Fault
RRK063	622	'53288583_/53288590_2'		1.03	1.47	3.33	0.768	0.3	2.33	0.55 No	0.3 Element Fault
RRK063	623	'4534276_/4534274'		0.77	1.43	3.33	0.768	0.5	2.27	0.55 No	0.5 Element Fault
RRK063	624	'4533362_/4533359'		0.83	1.47	3.33	0.768	0.53	2.32	0.55 No	0.53 Element Fault
RRK063	625	'4518354_/43522593'		0.87	1.53	3.33	0.768	0.3	2.41	0.55 No	0.3 Element Fault
RRK063	626	'4529424_/4529493'		2.5	4.3	10	2.304	10	6.53	1.66 No	1.66 Unintentional Islanding
RRK063	627	'504748874_/504748871'		2.5	4.3	10	2.304	10	6.51	1.66 No	1.66 Unintentional Islanding
RRK063	628	'4497118_/4534727'		1.73	2.87	6.67	1.536	1	4.47	1.1 No	1 Element Fault

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RRK063	629	'4518624_/_43522604'	0.87	1.53	3.33	0.768	0.3	2.4	0.55 No	0.3	Element Fault
RRK063	630	'4520646_/_4521820'	2.3	4.3	10	2.304	2.5	6.65	1.66 No	1.66	Unintentional Islanding
RRK063	631	'4482686_/_4484244'	2.4	4.5	10	2.304	9.6	6.49	1.66 No	1.66	Unintentional Islanding
RRK063	632	'43530905_/_43530907'	0.8	1.57	3.33	0.768	0.5	2.41	0.55 No	0.5	Element Fault
RRK063	633	'504748892_/_504748889'	2.5	4.3	10	2.304	10	6.46	1.66 No	1.66	Unintentional Islanding
RRK063	634	'4529425_/_4529422'	2.5	4.3	10	2.304	10	6.49	1.66 No	1.66	Unintentional Islanding
RRK063	635	'4529442_/_4529439'	2.5	4.3	10	2.304	10	6.48	1.66 No	1.66	Unintentional Islanding
RRK063	636	'441695151_/_441695172'	1.53	2.93	6.67	1.536	0.6	4.71	1.1 No	0.6	Element Fault
RRK063	637	'416538320_/_4534763_2'	0.87	1.43	3.33	0.768	0.5	2.23	0.55 No	0.5	Element Fault
RRK063	638	'4522274_/_43526371'	1	1.43	3.33	0.768	0.55	2.22	0.55 No	0.55	Element Fault
RRK063	639	'4522973_/_4529456'	2.5	4.3	10	2.304	10	6.47	1.66 No	1.66	Unintentional Islanding
RRK063	640	'4529479_/_4530245_1'	2.5	4.3	10	2.304	1.9	6.47	1.66 No	1.66	Unintentional Islanding
RRK063	641	'489265120_/_489265063_1'	0.97	1.43	3.33	0.768	0.1	2.23	0.55 No	0.1	Element Fault
RRK063	642	'4482685_/_4482699_2'	0.8	1.5	3.33	0.768	1.5	2.15	0.55 No	0.55	Unintentional Islanding
RRK063	643	'4530248_/_4530245_2'	2.5	4.3	10	2.304	1.9	6.46	1.66 No	1.66	Unintentional Islanding
RRK063	644	'7959592_/_7959589_2'	0.93	1.47	3.33	0.768	0.5	2.23	0.55 No	0.5	Element Fault
RRK063	645	'504748910_/_504748907'	2.5	4.3	10	2.304	10	6.42	1.66 No	1.66	Unintentional Islanding
RRK063	646	'4520645_/_4520643'	2.3	4.3	10	2.304	2.5	6.61	1.66 No	1.66	Unintentional Islanding
RRK063	647	'4539157_/_43532178'	0.8	1.57	3.33	0.768	0.5	2.37	0.55 No	0.5	Element Fault
RRK063	648	'45326415_/_4522430'	0.77	1.43	3.33	0.768	0.5	2.23	0.55 No	0.5	Element Fault
RRK063	649	'4482835_/_4484261'	2.4	4.5	10	2.304	9.6	6.44	1.66 No	1.66	Unintentional Islanding
RRK063	650	'7959732_/_7959729_2'	0.73	1.47	3.33	0.768	0.2	2.24	0.55 No	0.2	Element Fault
RRK063	651	'7959447_/_8905203'	0.8	1.47	3.33	0.768	1.4	2.15	0.55 No	0.55	Unintentional Islanding
RRK063	652	'43531733_/_4531889'	1.27	3.07	6.67	1.536	1.07	4.78	1.1 No	1.07	Element Fault
RRK063	653	'504748928_/_504748925'	2.5	4.3	10	2.304	10	6.38	1.66 No	1.66	Unintentional Islanding
RRK063	654	'70128456_/_4522620'	2.3	4.2	10	2.304	1.5	6.7	1.66 No	1.5	Element Fault
RRK063	655	'4521272_/_4521270'	0.73	1.43	3.33	0.768	0.5	2.25	0.55 No	0.5	Element Fault
RRK063	656	'504748946_/_504748943'	2.5	4.3	10	2.304	10	6.36	1.66 No	1.66	Unintentional Islanding
RRK063	657	'4523085_/_43528470'	1.67	2.8	6.67	1.536	3.1	4.3	1.1 No	1.1	Unintentional Islanding
RRK063	658	'4483734_/_4483731'	0.77	1.43	3.33	0.768	0.6	2.2	0.55 No	0.55	Unintentional Islanding
RRK063	659	'43526700_/_4528434'	1.67	2.8	6.67	1.536	3.1	4.3	1.1 No	1.1	Unintentional Islanding
RRK063	660	'4519158_/_4519155'	0.67	1.53	3.33	0.768	0.5	2.38	0.55 No	0.5	Element Fault
RRK063	661	'4482932_/_4484298'	2.3	4.4	10	2.304	9.6	6.39	1.66 No	1.66	Unintentional Islanding
RRK063	662	'4533492_/_4533489'	0.83	1.43	3.33	0.768	0.53	2.27	0.55 No	0.53	Element Fault
RRK063	663	'4534400_/_489265063_2'	0.97	1.4	3.33	0.768	0.1	2.21	0.55 No	0.1	Element Fault
RRK063	664	'4497318_/_4497330'	2	2.8	6.67	1.536	1.1	4.4	1.1 No	1.1	Element Fault
RRK063	665	'433471192_/_433471230'	1.53	2.93	6.67	1.536	0.6	4.65	1.1 No	0.6	Element Fault
RRK063	666	'504748964_/_504748961'	2.4	4.2	10	2.304	10	6.32	1.66 No	1.66	Unintentional Islanding
RRK063	667	'43526182_/_4534540'	0.73	1.43	3.33	0.768	0.5	2.23	0.55 No	0.5	Element Fault
RRK063	668	'4464557_/_4464571_2'	0.77	1.47	3.33	0.768	0.5	2.16	0.55 No	0.5	Element Fault
RRK063	669	'4518490_/_4518487_1'	0.83	1.43	3.33	0.768	0.5	2.35	0.55 No	0.5	Element Fault
RRK063	670	'4482931_/_4482945_2'	0.77	1.47	3.33	0.768	1.5	2.12	0.55 No	0.55	Unintentional Islanding
RRK063	671	'4533518_/_4533528_1'	0.83	1.4	3.33	0.768	0.3	2.26	0.55 No	0.3	Element Fault
RRK063	672	'43526103_/_4521474'	0.73	1.43	3.33	0.768	0.5	2.22	0.55 No	0.5	Element Fault
RRK063	673	'4520681_/_4520693'	1.53	2.8	6.67	1.536	1.67	4.35	1.1 No	1.1	Unintentional Islanding
RRK063	674	'4484318_/_4484315'	2.3	4.4	10	2.304	9.6	6.34	1.66 No	1.66	Unintentional Islanding
RRK063	675	'43522163_/_4484688_2'	0.87	1.43	3.33	0.768	0.5	2.16	0.55 No	0.5	Element Fault
RRK063	676	'504748982_/_504748979'	2.4	4.2	10	2.304	10	6.27	1.66 No	1.66	Unintentional Islanding
RRK063	677	'4522974_/_4522971'	2.5	4.2	10	2.304	4.8	6.36	1.66 No	1.66	Unintentional Islanding
RRK063	678	'43521244_/_4483650'	0.9	1.43	3.33	0.768	0.5	2.19	0.55 No	0.5	Element Fault
RRK063	679	'7326534_/_8905443'	0.67	1.43	3.33	0.768	0.3	2.3	0.55 No	0.3	Element Fault
RRK063	680	'4482834_/_4482832'	0.8	1.47	3.33	0.768	0.5	2.11	0.55 No	0.5	Element Fault
RRK063	681	'49471650_/_4947164'	0.73	1.4	3.33	0.768	0.5	2.2	0.55 No	0.5	Element Fault
RRK063	682	'4520591_/_43525653'	0.97	1.43	3.33	0.768	0.5	2.25	0.55 No	0.5	Element Fault
RRK063	683	'4520777_/_4520774'	2.2	4.2	10	2.304	2.5	6.52	1.66 No	1.66	Unintentional Islanding
RRK063	684	'43526476_/_43526478'	0.77	1.37	3.33	0.768	0.5	2.19	0.55 No	0.5	Element Fault
RRK063	685	'4482902_/_4484332'	2.3	4.4	10	2.304	9.6	6.28	1.66 No	1.66	Unintentional Islanding
RRK063	686	'7189419_/_70128453_1'	0.77	1.37	3.33	0.768	0.3	2.19	0.55 No	0.3	Element Fault
RRK063	687	'504749000_/_504748997'	2.4	4.2	10	2.304	10	6.22	1.66 No	1.66	Unintentional Islanding
RRK063	688	'4534357_/_4534355'	0.73	1.4	3.33	0.768	0.5	2.19	0.55 No	0.5	Element Fault
RRK063	689	'4484352_/_4484349'	2.3	4.3	10	2.304	9.6	6.27	1.66 No	1.66	Unintentional Islanding
RRK063	690	'43522613_/_4518634'	0.83	1.47	3.33	0.768	0.3	2.31	0.55 No	0.3	Element Fault
RRK063	691	'43526487_/_70128453_2'	0.73	1.37	3.33	0.768	0.3	2.19	0.55 No	0.3	Element Fault
RRK063	692	'8880190_/_8880188_2'	2.2	4.2	10	2.304	2.5	6.49	1.66 No	1.66	Unintentional Islanding
RRK063	693	'4521128_/_4521125'	1	1.43	3.33	0.768	0.5	2.21	0.55 No	0.5	Element Fault
RRK063	694	'489264926_/_43525933_1'	0.97	1.4	3.33	0.768	0.1	2.17	0.55 No	0.1	Element Fault
RRK063	695	'4527241_/_4527238'	0.83	1.47	3.33	0.768	0.2	2.33	0.55 No	0.2	Element Fault
RRK063	696	'447404861_/_504749015'	2.4	4.2	10	2.304	10	6.18	1.66 No	1.66	Unintentional Islanding
RRK063	697	'4522690_/_4522704'	2.3	4.1	10	2.304	1.6	6.41	1.66 No	1.6	Element Fault
RRK063	698	'43526380_/_4522310'	1	1.37	3.33	0.768	0.55	2.15	0.55 No	0.55	Element Fault
RRK063	699	'466658302_/_466658304'	2.4	4.2	10	2.304	10	6.17	1.66 No	1.66	Unintentional Islanding
RRK063	700	'43520693_/_4484792'	2.3	4.3	10	2.304	9.6	6.23	1.66 No	1.66	Unintentional Islanding
RRK063	701	'466658356_/_447404955_2'	2.4	4.2	10	2.304	10	6.16	1.66 No	1.66	Unintentional Islanding
RRK063	702	'4522433_/_43526417'	0.73	1.37	3.33	0.768	0.5	2.17	0.55 No	0.5	Element Fault
RRK063	703	'452818995_/_452819020_1'	0.9	1.4	3.33	0.768	0.3	2.17	0.55 No	0.3	Element Fault
RRK063	704	'4522758_/_4522768_1'	0.77	1.37	3.33	0.768	0.3	2.13	0.55 No	0.3	Element Fault
RRK063	705	'4534289_/_4534287'	0.73	1.37	3.33	0.768	0.5	2.17	0.55 No	0.5	Element Fault
RRK063	706	'108752040_/_9218850_2'	2.3	4.3	10	2.304	5.4	6.21	1.66 No	1.66	Unintentional Islanding
RRK063	707	'43526055_/_4521183'	0.7	1.4	3.33	0.768	0.5	2.21	0.55 No	0.5	Element Fault
RRK063	708	'4497117_/_4497115'	1.73	2.73	6.67	1.536	1	4.28	1.1 No	1	Element Fault
RRK063	709	'4482701_/_4482699_1'	0.73	1.43	3.33	0.768	0.5	2.08	0.55 No	0.5	Element Fault
RRK063	710	'43526358_/_43526360'	1	1.37	3.33	0.768	0.55	2.14	0.55 No	0.55	Element Fault
RRK063	711	'9533979_/_433471251'	1.47	2.4	6.67	1.536	0.6	4.55	1.1 No	0.6	Element Fault
RRK063	712	'4534416_/_43525933_2'	0.97	1.37	3.33	0.768	0.1	2.15	0.55 No	0.1	Element Fault
RRK063	713	'4523045_/_4523042'	2.4	4.1	10	2.304	4.8	6.24	1.66 No	1.66	Unintentional Islanding
RRK063	714	'4520744_/_4534763_1'	0.87	1.37	3.33	0.768	0.2	2.14	0.55 No	0.2	Element Fault
RRK063	715	'4531597_/_4531595'	0.73	1.47	3.33	0.768	0.5	2.29	0.55 No	0.5	Element Fault
RRK063	716	'4522154_/_4522151'	1	1.37	3.33	0.768	0.55	2.13	0.55 No	0.55	Element Fault
RRK063	717	'7959448_/_7959445'	0.8	1.4	3.33	0.768	0.5	2.07	0.55 No	0.5	Element Fault
RRK063	718	'4533531_/_4533528_2'	0.83	1.37	3.33	0.768	0.3	2.19	0.55 No	0.3	Element Fault
RRK063	719	'40683151_/_49471654'	0.73	1.37	3.33	0.768	0.5	2.15	0.55 No	0.5	Element Fault
RRK063	720	'112494802_/_9534078_1'	1.6	2.73	6.67	1.536	1.1	4.14	1.1 No	1.1	Element Fault
RRK063	721	'4482890_/_4482887'	0.77	1.4	3.33	0.768	1.6	2.05	0.55 No	0.55	Unintentional Islanding
RRK063	722	'4520666_/_4520678_2'	1.47	2.73	6.67	1.536	1.67	4.23	1.1 No	1.1	Unintentional Islanding

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RRK063	723	'8901616_/_8905347'	1.47	2.8	6.67	1.536	1	4.13	1.1 No	1	Element Fault
RRK063	724	'8880191_/_8880188_1'	2.2	4.1	10	2.304	1.5	6.37	1.66 No	1.5	Element Fault
RRK063	725	'4519402_/_4539155'	0.73	1.47	3.33	0.768	0.5	2.26	0.55 No	0.5	Element Fault
RRK063	726	'43526077_/_43526079'	0.7	1.37	3.33	0.768	0.5	2.16	0.55 No	0.5	Element Fault
RRK063	727	'4522407_/_4522768_2'	0.77	1.33	3.33	0.768	0.3	2.1	0.55 No	0.3	Element Fault
RRK063	728	'4528437_/_43526702'	1.53	2.67	6.67	1.536	3.1	4.14	1.1 No	1.1	Unintentional Islanding
RRK063	729	'4522522_/_4522520'	0.73	1.33	3.33	0.768	0.5	2.14	0.55 No	0.5	Element Fault
RRK063	730	'413296456_/_395799815_1'	0.77	1.4	3.33	0.768	0.5	2.04	0.55 No	0.5	Element Fault
RRK063	731	'4464590_/_4464587_2'	0.73	1.4	3.33	0.768	0.5	2.07	0.55 No	0.5	Element Fault
RRK063	732	'4534264_/_4534368'	0.7	1.33	3.33	0.768	0.5	2.13	0.55 No	0.5	Element Fault
RRK063	733	'43525714_/_4520678_1'	1.47	2.73	6.67	1.536	1.67	4.2	1.1 No	1.1	Unintentional Islanding
RRK063	734	'4483747_/_4483744'	0.7	1.37	3.33	0.768	0.6	2.11	0.55 No	0.55	Unintentional Islanding
RRK063	735	'4521434_/_4533962'	0.7	1.37	3.33	0.768	0.5	2.13	0.55 No	0.5	Element Fault
RRK063	736	'43526325_/_43526327'	1	1.33	3.33	0.768	0.55	2.11	0.55 No	0.55	Element Fault
RRK063	737	'4519171_/_4519168'	0.63	1.43	3.33	0.768	0.5	2.26	0.55 No	0.5	Element Fault
RRK063	738	'9219837_/_9219834'	0.87	1.37	3.33	0.768	0.3	2.13	0.55 No	0.3	Element Fault
RRK063	739	'8905334_/_9218850_1'	2.2	4.2	10	2.304	1.5	6.1	1.66 No	1.5	Element Fault
RRK063	740	'4497303_/_4497315'	1.93	2.67	6.67	1.536	1.1	4.21	1.1 No	1.1	Element Fault
RRK063	741	'108752081_/_4482916_1'	0.77	1.4	3.33	0.768	0.5	2.03	0.55 No	0.5	Element Fault
RRK063	742	'43520570_/_4464555'	0.7	1.37	3.33	0.768	0.5	2.06	0.55 No	0.5	Element Fault
RRK063	743	'4523068_/_4523065'	2.3	4	10	2.304	4.7	6.13	1.66 No	1.66	Unintentional Islanding
RRK063	744	'7959431_/_8905187'	0.8	1.37	3.33	0.768	0.5	2.05	0.55 No	0.5	Element Fault
RRK063	745	'4520797_/_4520794'	2.1	4	10	2.304	2.5	6.28	1.66 No	1.66	Unintentional Islanding
RRK063	746	'4520872_/_4520869'	0.93	1.37	3.33	0.768	0.5	2.16	0.55 No	0.5	Element Fault
RRK063	747	'53288628_/_53288635'	0.93	1.37	3.33	0.768	0.3	2.17	0.55 No	0.3	Element Fault
RRK063	748	'4522539_/_4522536'	0.7	1.33	3.33	0.768	0.3	2.11	0.55 No	0.3	Element Fault
RRK063	749	'4518650_/_43522615'	0.8	1.4	3.33	0.768	0.3	2.22	0.55 No	0.3	Element Fault
RRK063	750	'4527341_/_4527338'	0.8	1.4	3.33	0.768	0.3	2.25	0.55 No	0.3	Element Fault
RRK063	751	'43528480_/_4521616'	0.93	1.33	3.33	0.768	0.5	2.12	0.55 No	0.5	Element Fault
RRK063	752	'4464496_/_4464494'	0.9	1.33	3.33	0.768	0.5	2.09	0.55 No	0.5	Element Fault
RRK063	753	'4522994_/_4522991'	1.53	2.6	6.67	1.536	3.1	4.04	1.1 No	1.1	Unintentional Islanding
RRK063	754	'43530822_/_4534381'	0.7	1.33	3.33	0.768	0.5	2.09	0.55 No	0.5	Element Fault
RRK063	755	'4528086_/_4528101'	1.73	2.67	6.67	1.536	1	4.14	1.1 No	1	Element Fault
RRK063	756	'43526226_/_4533502'	0.83	1.33	3.33	0.768	0.53	2.13	0.55 No	0.53	Element Fault
RRK063	757	'4531859_/_4531874'	1.2	2.8	6.67	1.536	1.07	4.45	1.1 No	1.07	Element Fault
RRK063	758	'4533547_/_4533544'	0.83	1.33	3.33	0.768	0.3	2.13	0.55 No	0.3	Element Fault
RRK063	759	'4522273_/_4522271'	1	1.3	3.33	0.768	0.55	2.06	0.55 No	0.55	Element Fault
RRK063	760	'4482947_/_4482945_1'	0.7	1.37	3.33	0.768	0.5	2	0.55 No	0.5	Element Fault
RRK063	761	'4522673_/_4522687'	2.2	3.9	10	2.304	1.6	6.14	1.66 No	1.6	Element Fault
RRK063	762	'4522138_/_4538709'	1	1.3	3.33	0.768	0.55	2.06	0.55 No	0.55	Element Fault
RRK063	763	'9534080_/_9534078_2'	1.53	2.6	6.67	1.536	1.1	4.02	1.1 No	1.1	Element Fault
RRK063	764	'4521809_/_4533476'	0.83	1.3	3.33	0.768	0.53	2.12	0.55 No	0.53	Element Fault
RRK063	765	'4534582_/_43526184'	0.67	1.33	3.33	0.768	0.5	2.09	0.55 No	0.5	Element Fault
RRK063	766	'4533427_/_4533557'	0.83	1.33	3.33	0.768	0.3	2.12	0.55 No	0.3	Element Fault
RRK063	767	'7959432_/_7959429'	0.8	1.33	3.33	0.768	0.5	2.02	0.55 No	0.5	Element Fault
RRK063	768	'4521435_/_4521432'	0.67	1.33	3.33	0.768	0.5	2.08	0.55 No	0.5	Element Fault
RRK063	769	'4483627_/_4483637'	0.9	1.33	3.33	0.768	0.5	2.06	0.55 No	0.5	Element Fault
RRK063	770	'4497288_/_4497300'	1.87	2.6	6.67	1.536	1.1	4.12	1.1 No	1.1	Element Fault
RRK063	771	'43526385_/_43526382'	0.97	1.3	3.33	0.768	0.55	2.05	0.55 No	0.55	Element Fault
RRK063	772	'4518663_/_4518660'	0.77	1.37	3.33	0.768	0.3	2.17	0.55 No	0.3	Element Fault
RRK063	773	'7325728_/_9532738'	0.9	1.33	3.33	0.768	0.3	2.05	0.55 No	0.3	Element Fault
RRK063	774	'8584834_/_418400704_1'	0.9	1.33	3.33	0.768	0.5	2.05	0.55 No	0.5	Element Fault
RRK063	775	'4531841_/_4531856'	1.13	2.73	6.67	1.536	1.07	4.39	1.1 No	1.07	Element Fault
RRK063	776	'4482822_/_4482845'	0.8	1.33	3.33	0.768	0.5	1.99	0.55 No	0.5	Element Fault
RRK063	777	'4522167_/_4522164'	0.93	1.27	3.33	0.768	0.55	2.04	0.55 No	0.55	Element Fault
RRK063	778	'4520731_/_4520741'	0.87	1.3	3.33	0.768	0.2	2.04	0.55 No	0.2	Element Fault
RRK063	779	'77202144_/_4520663'	1.4	2.6	6.67	1.536	1.67	4.05	1.1 No	1.1	Unintentional Islanding
RRK063	780	'4482919_/_4482916_2'	0.77	1.33	3.33	0.768	0.5	1.96	0.55 No	0.5	Element Fault
RRK063	781	'4497206_/_4497204'	0.7	1.27	3.33	0.768	0.5	2.05	0.55 No	0.5	Element Fault
RRK063	782	'4522394_/_4522404'	0.77	1.27	3.33	0.768	0.3	2.01	0.55 No	0.3	Element Fault
RRK063	783	'4522137_/_4522135'	0.97	1.27	3.33	0.768	0.55	2.03	0.55 No	0.55	Element Fault
RRK063	784	'43525336_/_43525338'	0.67	1.27	3.33	0.768	0.5	2.05	0.55 No	0.5	Element Fault
RRK063	785	'4519263_/_4519400'	0.7	1.37	3.33	0.768	0.5	2.15	0.55 No	0.5	Element Fault
RRK063	786	'43522994_/_43522996'	1.13	2.73	6.67	1.536	1.07	4.33	1.1 No	1.07	Element Fault
RRK063	787	'4522552_/_4522549'	0.67	1.27	3.33	0.768	0.3	2.04	0.55 No	0.3	Element Fault
RRK063	788	'4464558_/_43520572'	0.67	1.3	3.33	0.768	0.5	1.98	0.55 No	0.5	Element Fault
RRK063	789	'646499638_/_646499642'	0.9	1.3	3.33	0.768	0.3	2.02	0.55 No	0.3	Element Fault
RRK063	790	'43520546_/_43522165'	0.8	1.3	3.33	0.768	0.5	1.99	0.55 No	0.5	Element Fault
RRK063	791	'43521289_/_4483757'	0.67	1.3	3.33	0.768	0.6	2.01	0.55 No	0.55	Unintentional Islanding
RRK063	792	'4520859_/_4520882'	0.87	1.3	3.33	0.768	0.5	2.07	0.55 No	0.5	Element Fault
RRK063	793	'4519951_/_4528083'	1.73	2.53	6.67	1.536	1	4	1.1 No	1	Element Fault
RRK063	794	'4521186_/_43526057'	0.63	1.27	3.33	0.768	0.5	2.07	0.55 No	0.5	Element Fault
RRK063	795	'4521619_/_43528482'	0.9	1.3	3.33	0.768	0.5	2.04	0.55 No	0.5	Element Fault
RRK063	796	'4527968_/_4527965'	0.97	1.27	3.33	0.768	0.55	2	0.55 No	0.55	Element Fault
RRK063	797	'43525101_/_4519181'	0.6	1.37	3.33	0.768	0.5	2.13	0.55 No	0.5	Element Fault
RRK063	798	'43525416_/_43525418'	0.67	1.27	3.33	0.768	0.5	2.02	0.55 No	0.5	Element Fault
RRK063	799	'4531840_/_4531838'	1.13	2.67	6.67	1.536	1.07	4.27	1.1 No	1.07	Element Fault
RRK063	800	'4519458_/_4519455'	0.67	1.37	3.33	0.768	0.5	2.11	0.55 No	0.5	Element Fault
RRK063	801	'4520021_/_4528119'	0.87	1.27	3.33	0.768	0.5	1.99	0.55 No	0.5	Element Fault
RRK063	802	'4523012_/_4523009'	1.47	2.47	6.67	1.536	3.1	3.87	1.1 No	1.1	Unintentional Islanding
RRK063	803	'43525347_/_43530824'	0.67	1.27	3.33	0.768	0.5	2	0.55 No	0.5	Element Fault
RRK063	804	'4497233_/_4497285'	1.8	2.47	6.67	1.536	1.1	3.98	1.1 No	1.1	Element Fault
RRK063	805	'4520846_/_4520856'	0.87	1.27	3.33	0.768	0.5	2.04	0.55 No	0.5	Element Fault
RRK063	806	'4521448_/_4521445'	0.63	1.27	3.33	0.768	0.5	2	0.55 No	0.5	Element Fault
RRK063	807	'4533414_/_4533424'	0.83	1.23	3.33	0.768	0.3	2.03	0.55 No	0.3	Element Fault
RRK063	808	'43521255_/_43521257'	0.9	1.27	3.33	0.768	0.5	1.98	0.55 No	0.5	Element Fault
RRK063	809	'4518679_/_4518676'	0.73	1.3	3.33	0.768	0.3	2.08	0.55 No	0.3	Element Fault
RRK063	810	'4522565_/_4522562'	0.67	1.23	3.33	0.768	0.3	1.99	0.55 No	0.3	Element Fault
RRK063	811	'4520730_/_4520728'	0.87	1.23	3.33	0.768	0.2	1.97	0.55 No	0.2	Element Fault
RRK063	812	'8275299_/_8905365'	1.3	2.53	6.67	1.536	1	3.85	1.1 No	1	Element Fault
RRK063	813	'43526270_/_4521807'	0.83	1.23	3.33	0.768	0.53	2.02	0.55 No	0.53	Element Fault
RRK063	814	'43526764_/_4523027'	1.4	2.47	6.67	1.536	3.1	3.82	1.1 No	1.1	Unintentional Islanding
RRK063	815	'4519936_/_4519948'	1.73	2.47	6.67	1.536	1	3.92	1.1 No	1	Element Fault
RRK063	816	'4534238_/_4534248'	0.63	1.23	3.33	0.768	0.5	1.98	0.55 No	0.5	Element Fault

Feeder Name	Feeder ID	Node	Primary Over- Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RRK063	817	'4533505_/43526228'		0.83	1.23	3.33	0.768	0.53	2.01	0.55 No	0.53 Element Fault
RRK063	818	'43525200_/77202153'		1.33	2.47	6.67	1.536	1.67	3.9	1.1 No	1.1 Unintentional Islanding
RRK063	819	'44079287_/44079289'		2.1	3.6	10	2.304	1.6	5.84	1.66 No	1.6 Element Fault
RRK063	820	'43520581_/4464600'		0.63	1.27	3.33	0.768	0.5	1.91	0.55 No	0.5 Element Fault
RRK063	821	'4523612_/4523850'		1.73	2.4	6.67	1.536	1.1	3.91	1.1 No	1.1 Element Fault
RRK063	822	'43526237_/4533570'		0.83	1.23	3.33	0.768	0.3	2	0.55 No	0.3 Element Fault
RRK063	823	'43526336_/4522177'		0.87	1.2	3.33	0.768	0.55	1.95	0.55 No	0.55 Element Fault
RRK063	824	'43525057_/4519261'		0.67	1.3	3.33	0.768	0.5	2.05	0.55 No	0.5 Element Fault
RRK063	825	'4521632_/4521629'		0.87	1.23	3.33	0.768	0.5	1.98	0.55 No	0.5 Element Fault
RRK063	826	'4523030_/43526766'		1.4	2.4	6.67	1.536	3.1	3.78	1.1 No	1.1 Unintentional Islanding
RRK063	827	'7640680_/8901614'		2	3.8	10	2.304	1.5	5.65	1.66 No	1.5 Element Fault
RRK063	828	'4527353_/43530763'		0.7	1.27	3.33	0.768	0.3	2.07	0.55 No	0.3 Element Fault
RRK063	829	'43525404_/43525406'		0.63	1.2	3.33	0.768	0.5	1.96	0.55 No	0.5 Element Fault
RRK063	830	'4521244_/4521254'		0.63	1.23	3.33	0.768	0.5	1.97	0.55 No	0.5 Element Fault
RRK063	831	'4483773_/4483770'		0.63	1.23	3.33	0.768	0.6	1.94	0.55 No	0.55 Unintentional Islanding
RRK063	832	'43526391_/43526393'		0.8	1.2	3.33	0.768	0.3	1.91	0.55 No	0.3 Element Fault
RRK063	833	'4521012_/4521022'		0.63	1.2	3.33	0.768	0.5	1.95	0.55 No	0.5 Element Fault
RRK063	834	'642909123_/4483783'		0.63	1.23	3.33	0.768	0.6	1.93	0.55 No	0.55 Unintentional Islanding
RRK063	835	'67471623_/51361824_1'		0.63	1.23	3.33	0.768	0.3	1.93	0.55 No	0.3 Element Fault
RRK063	836	'4518692_/4518689'		0.7	1.27	3.33	0.768	0.3	2.03	0.55 No	0.3 Element Fault
RRK063	837	'43531859_/4534605'		0.6	1.23	3.33	0.768	0.5	1.95	0.55 No	0.5 Element Fault
RRK063	838	'4540508_/4540518_1'		0.7	1.27	3.33	0.768	0.2	2.06	0.55 No	0.2 Element Fault
RRK063	839	'43525752_/4520895'		0.83	1.23	3.33	0.768	0.5	1.97	0.55 No	0.5 Element Fault
RRK063	840	'7959496_/9218784_2'		0.63	1.23	3.33	0.768	0.6	1.92	0.55 No	0.55 Unintentional Islanding
RRK063	841	'4519921_/4519933'		1.67	2.4	6.67	1.536	1	3.82	1.1 No	1 Element Fault
RRK063	842	'43526292_/43526294'		0.87	1.2	3.33	0.768	0.55	1.92	0.55 No	0.55 Element Fault
RRK063	843	'4534384_/43525349'		0.63	1.2	3.33	0.768	0.5	1.92	0.55 No	0.5 Element Fault
RRK063	844	'4534225_/4534235'		0.63	1.2	3.33	0.768	0.5	1.92	0.55 No	0.5 Element Fault
RRK063	845	'4519196_/43525103'		0.57	1.27	3.33	0.768	0.5	2.02	0.55 No	0.5 Element Fault
RRK063	846	'4497246_/4497243'		0.87	1.17	3.33	0.768	0.55	1.91	0.55 No	0.55 Element Fault
RRK063	847	'4521464_/4521461'		0.6	1.2	3.33	0.768	0.5	1.92	0.55 No	0.5 Element Fault
RRK063	848	'9533961_/9533958'		0.77	1.3	3.33	0.768	0.3	1.8	0.55 No	0.3 Element Fault
RRK063	849	'43526776_/4523323'		1.4	2.33	6.67	1.536	3.1	3.71	1.1 No	1.1 Unintentional Islanding
RRK063	850	'433471210_/434044771'		0.77	1.3	3.33	0.768	0.3	1.8	0.55 No	0.3 Element Fault
RRK063	851	'43526498_/4522575'		0.63	1.17	3.33	0.768	0.3	1.92	0.55 No	0.3 Element Fault
RRK063	852	'43525258_/43525260'		0.83	1.2	3.33	0.768	0.5	1.9	0.55 No	0.5 Element Fault
RRK063	853	'408755819_/468317030_1'		1.33	2.33	6.67	1.536	1	3.69	1.1 No	1 Element Fault
RRK063	854	'75147658_/4522650'		2	3.5	10	2.304	1.6	5.68	1.66 No	1.6 Element Fault
RRK063	855	'4523487_/4523609'		1.67	2.33	6.67	1.536	1.1	3.8	1.1 No	1.1 Element Fault
RRK063	856	'4482806_/4482819'		0.73	1.2	3.33	0.768	0.5	1.86	0.55 No	0.5 Element Fault
RRK063	857	'4497152_/4534329'		0.63	1.17	3.33	0.768	0.5	1.91	0.55 No	0.5 Element Fault
RRK063	858	'4518738_/4518735'		0.7	1.23	3.33	0.768	0.3	1.98	0.55 No	0.3 Element Fault
RRK063	859	'4533400_/4533411'		0.83	1.2	3.33	0.768	0.3	1.94	0.55 No	0.3 Element Fault
RRK063	860	'4519474_/4519471'		0.63	1.27	3.33	0.768	0.5	1.99	0.55 No	0.5 Element Fault
RRK063	861	'4523627_/4523637_1'		0.83	1.17	3.33	0.768	0.2	1.89	0.55 No	0.2 Element Fault
RRK063	862	'4520830_/4520843'		0.8	1.2	3.33	0.768	0.5	1.94	0.55 No	0.5 Element Fault
RRK063	863	'4521810_/43526272'		0.8	1.17	3.33	0.768	0.53	1.93	0.55 No	0.53 Element Fault
RRK063	864	'4534594_/43531861'		0.6	1.2	3.33	0.768	0.5	1.91	0.55 No	0.5 Element Fault
RRK063	865	'4521784_/43526239'		0.8	1.17	3.33	0.768	0.3	1.92	0.55 No	0.3 Element Fault
RRK063	866	'7325632_/9532674_1'		0.73	1.2	3.33	0.768	0.3	1.84	0.55 No	0.3 Element Fault
RRK063	867	'4521011_/4521009'		0.63	1.17	3.33	0.768	0.5	1.89	0.55 No	0.5 Element Fault
RRK063	868	'4519903_/4519918'		1.6	2.33	6.67	1.536	1	3.73	1.1 No	1 Element Fault
RRK063	869	'4518705_/4518702_1'		0.67	1.2	3.33	0.768	0.5	1.96	0.55 No	0.5 Element Fault
RRK063	870	'4483786_/642909127'		0.63	1.17	3.33	0.768	0.6	1.87	0.55 No	0.55 Unintentional Islanding
RRK063	871	'4533388_/4533463'		0.8	1.17	3.33	0.768	0.3	1.91	0.55 No	0.3 Element Fault
RRK063	872	'4519277_/43525059'		0.63	1.23	3.33	0.768	0.5	1.96	0.55 No	0.5 Element Fault
RRK063	873	'4522193_/4522190'		0.83	1.17	3.33	0.768	0.55	1.86	0.55 No	0.55 Element Fault
RRK063	874	'8275298_/8275296'		1.9	3.6	10	2.304	1.5	5.43	1.66 No	1.5 Element Fault
RRK063	875	'4519728_/4519885'		1.2	2.33	6.67	1.536	1.67	3.71	1.1 No	1.1 Unintentional Islanding
RRK063	876	'88306916_/9532674_2'		0.73	1.2	3.33	0.768	0.3	1.83	0.55 No	0.3 Element Fault
RRK063	877	'4522368_/4522378'		0.8	1.13	3.33	0.768	0.3	1.84	0.55 No	0.3 Element Fault
RRK063	878	'4527270_/4540518_2'		0.67	1.2	3.33	0.768	0.2	1.98	0.55 No	0.2 Element Fault
RRK063	879	'468316942_/468317030_2'		1.33	2.27	6.67	1.536	1	3.62	1.1 No	1 Element Fault
RRK063	880	'43521267_/4483611'		0.83	1.17	3.33	0.768	0.5	1.85	0.55 No	0.5 Element Fault
RRK063	881	'8584835_/418400704_2'		0.83	1.17	3.33	0.768	0.5	1.86	0.55 No	0.5 Element Fault
RRK063	882	'4523472_/4523484'		1.67	2.27	6.67	1.536	1.1	3.7	1.1 No	1.1 Element Fault
RRK063	883	'43525325_/43525327'		0.6	1.13	3.33	0.768	0.5	1.86	0.55 No	0.5 Element Fault
RRK063	884	'4520911_/4520908'		0.8	1.17	3.33	0.768	0.5	1.89	0.55 No	0.5 Element Fault
RRK063	885	'4519992_/4520005'		0.8	1.13	3.33	0.768	0.5	1.84	0.55 No	0.5 Element Fault
RRK063	886	'9219853_/468316948'		1.33	2.27	6.67	1.536	1	3.59	1.1 No	1 Element Fault
RRK063	887	'43531501_/43531503'		0.57	1.17	3.33	0.768	0.5	1.87	0.55 No	0.5 Element Fault
RRK063	888	'4523640_/4523637_2'		0.83	1.13	3.33	0.768	0.2	1.84	0.55 No	0.2 Element Fault
RRK063	889	'4464513_/43520537'		0.73	1.17	3.33	0.768	0.5	1.82	0.55 No	0.5 Element Fault
RRK063	890	'9219821_/9534030_1'		0.8	1.17	3.33	0.768	0.3	1.88	0.55 No	0.3 Element Fault
RRK063	891	'4534555_/4534592'		0.57	1.17	3.33	0.768	0.5	1.86	0.55 No	0.5 Element Fault
RRK063	892	'43522635_/4518748'		0.67	1.2	3.33	0.768	0.3	1.92	0.55 No	0.3 Element Fault
RRK063	893	'4527354_/4527351'		0.67	1.2	3.33	0.768	0.3	1.94	0.55 No	0.3 Element Fault
RRK063	894	'8276095_/8276092_2'		0.57	1.17	3.33	0.768	0.5	1.86	0.55 No	0.5 Element Fault
RRK063	895	'4519197_/4519194'		0.53	1.2	3.33	0.768	0.5	1.93	0.55 No	0.5 Element Fault
RRK063	896	'4519902_/4519900'		1.6	2.27	6.67	1.536	1	3.64	1.1 No	1 Element Fault
RRK063	897	'4522594_/43526500'		0.6	1.13	3.33	0.768	0.3	1.84	0.55 No	0.3 Element Fault
RRK063	898	'4522016_/4522014'		0.6	1.13	3.33	0.768	0.5	1.84	0.55 No	0.5 Element Fault
RRK063	899	'43526303_/4497256'		0.8	1.13	3.33	0.768	0.55	1.83	0.55 No	0.55 Element Fault
RRK063	900	'7641638_/7641636_1'		0.57	1.17	3.33	0.768	0.3	1.85	0.55 No	0.3 Element Fault
RRK063	901	'4531337_/4531374'		0.57	1.13	3.33	0.768	0.5	1.84	0.55 No	0.5 Element Fault
RRK063	902	'4533375_/4533385'		0.8	1.13	3.33	0.768	0.3	1.86	0.55 No	0.3 Element Fault
RRK063	903	'43526558_/75147655'		1.9	3.3	10	2.304	1.6	5.44	1.66 No	1.6 Element Fault
RRK063	904	'4497151_/4497149'		0.6	1.13	3.33	0.768	0.5	1.83	0.55 No	0.5 Element Fault
RRK063	905	'4533440_/4533450'		0.8	1.13	3.33	0.768	0.3	1.85	0.55 No	0.3 Element Fault
RRK063	906	'4464603_/43520583'		0.6	1.17	3.33	0.768	0.5	1.78	0.55 No	0.5 Element Fault
RRK063	907	'4521797_/4521794'		0.77	1.13	3.33	0.768	0.3	1.85	0.55 No	0.3 Element Fault
RRK063	908	'4519416_/4519725'		0.6	1.13	3.33	0.768	0.83	1.8	0.55 No	0.55 Unintentional Islanding
RRK063	909	'4483799_/4483796'		0.6	1.13	3.33	0.768	0.6	1.8	0.55 No	0.55 Unintentional Islanding
RRK063	910	'4534199_/4534209'		0.57	1.1	3.33	0.768	0.5	1.81	0.55 No	0.5 Element Fault

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RRK063	911	'4519855_/4519867'	1.2	2.27	6.67	1.536	1.67	3.59	1.1 No	1.1	Unintentional Islanding
RRK063	912	'8275207_/395799815_2'	0.7	1.13	3.33	0.768	0.5	1.75	0.55 No	0.5	Element Fault
RRK063	913	'8584867_/51361824_2'	0.6	1.13	3.33	0.768	0.3	1.8	0.55 No	0.3	Element Fault
RRK063	914	'4519979_/4519989'	0.77	1.1	3.33	0.768	0.5	1.79	0.55 No	0.5	Element Fault
RRK063	915	'4538235_/4538245'	0.57	1.1	3.33	0.768	0.5	1.81	0.55 No	0.5	Element Fault
RRK063	916	'4533245_/4533242'	0.77	1.13	3.33	0.768	0.5	1.84	0.55 No	0.5	Element Fault
RRK063	917	'4523457_/4523469'	1.6	2.2	6.67	1.536	1.1	3.6	1.1 No	1.1	Element Fault
RRK063	918	'4527699_/4527696'	0.6	1.17	3.33	0.768	0.5	1.87	0.55 No	0.5	Element Fault
RRK063	919	'4534556_/4534553'	0.57	1.13	3.33	0.768	0.5	1.81	0.55 No	0.5	Element Fault
RRK063	920	'4522206_/4522203'	0.8	1.1	3.33	0.768	0.55	1.79	0.55 No	0.55	Element Fault
RRK063	921	'7325727_/7325725'	0.8	1.13	3.33	0.768	0.3	1.79	0.55 No	0.3	Element Fault
RRK063	922	'43531535_/43531537'	0.57	1.1	3.33	0.768	0.5	1.79	0.55 No	0.5	Element Fault
RRK063	923	'43526509_/4522604'	0.57	1.1	3.33	0.768	0.3	1.79	0.55 No	0.3	Element Fault
RRK063	924	'4522367_/4522365'	0.8	1.1	3.33	0.768	0.3	1.76	0.55 No	0.3	Element Fault
RRK063	925	'4519840_/4519852'	1.13	2.2	6.67	1.536	1.67	3.55	1.1 No	1.1	Unintentional Islanding
RRK063	926	'4518764_/43522637'	0.63	1.17	3.33	0.768	0.3	1.85	0.55 No	0.3	Element Fault
RRK063	927	'4518302_/4527267'	0.63	1.13	3.33	0.768	0.2	1.88	0.55 No	0.2	Element Fault
RRK063	928	'4523653_/4523650'	0.8	1.1	3.33	0.768	0.2	1.78	0.55 No	0.2	Element Fault
RRK063	929	'434711622_/434711630'	0.77	1.1	3.33	0.768	0.5	1.77	0.55 No	0.5	Element Fault
RRK063	930	'4520046_/4520044'	0.77	1.1	3.33	0.768	0.5	1.77	0.55 No	0.5	Element Fault
RRK063	931	'463202561_/43522459_1'	0.63	1.13	3.33	0.768	0.1	1.87	0.55 No	0.1	Element Fault
RRK063	932	'4520817_/4520827'	0.73	1.1	3.33	0.768	0.5	1.81	0.55 No	0.5	Element Fault
RRK063	933	'43531917_/4533437'	0.77	1.1	3.33	0.768	0.3	1.8	0.55 No	0.3	Element Fault
RRK063	934	'4519415_/4519413'	0.6	1.1	3.33	0.768	0.83	1.75	0.55 No	0.55	Unintentional Islanding
RRK063	935	'4497139_/4538232'	0.57	1.1	3.33	0.768	0.5	1.78	0.55 No	0.5	Element Fault
RRK063	936	'4534186_/4534196'	0.57	1.1	3.33	0.768	0.5	1.78	0.55 No	0.5	Element Fault
RRK063	937	'4497219_/4497217'	0.77	1.07	3.33	0.768	0.55	1.77	0.55 No	0.55	Element Fault
RRK063	938	'43526308_/43526305'	0.77	1.07	3.33	0.768	0.55	1.76	0.55 No	0.55	Element Fault
RRK063	939	'4523515_/4523551'	0.8	1.07	3.33	0.768	0.55	1.76	0.55 No	0.55	Element Fault
RRK063	940	'4520132_/4520130'	0.57	1.1	3.33	0.768	0.5	1.77	0.55 No	0.5	Element Fault
RRK063	941	'4533258_/4533255'	0.73	1.1	3.33	0.768	0.5	1.8	0.55 No	0.5	Element Fault
RRK063	942	'4521697_/4533372'	0.77	1.1	3.33	0.768	0.3	1.79	0.55 No	0.3	Element Fault
RRK063	943	'4527380_/4527377'	0.63	1.13	3.33	0.768	0.3	1.85	0.55 No	0.3	Element Fault
RRK063	944	'4521243_/4521241'	0.53	1.1	3.33	0.768	0.5	1.77	0.55 No	0.5	Element Fault
RRK063	945	'4522004_/4522001'	0.53	1.1	3.33	0.768	0.5	1.77	0.55 No	0.5	Element Fault
RRK063	946	'4519289_/4527709'	0.57	1.13	3.33	0.768	0.5	1.82	0.55 No	0.5	Element Fault
RRK063	947	'9534033_/9534030_2'	0.73	1.1	3.33	0.768	0.3	1.78	0.55 No	0.3	Element Fault
RRK063	948	'4520816_/4520814'	0.73	1.1	3.33	0.768	0.5	1.78	0.55 No	0.5	Element Fault
RRK063	949	'4483812_/4483809'	0.57	1.1	3.33	0.768	0.6	1.74	0.55 No	0.55	Unintentional Islanding
RRK063	950	'4522607_/43526511'	0.57	1.07	3.33	0.768	0.3	1.75	0.55 No	0.3	Element Fault
RRK063	951	'43525212_/43525214'	1.13	2.13	6.67	1.536	1.67	3.47	1.1 No	1.1	Unintentional Islanding
RRK063	952	'4527282_/4527364'	0.63	1.1	3.33	0.768	0.3	1.84	0.55 No	0.3	Element Fault
RRK063	953	'4523442_/4523454'	1.53	2.13	6.67	1.536	1.1	3.48	1.1 No	1.1	Element Fault
RRK063	954	'7326550_/9534062_1'	0.63	1.1	3.33	0.768	0.2	1.83	0.55 No	0.2	Element Fault
RRK063	955	'4518777_/4518774'	0.63	1.13	3.33	0.768	0.3	1.8	0.55 No	0.3	Element Fault
RRK063	956	'8905318_/9532914'	1.4	2.7	10	2.304	1.5	5.07	1.66 No	1.4	Primary Over-Voltage
RRK063	957	'4519966_/4519976'	0.73	1.07	3.33	0.768	0.5	1.73	0.55 No	0.5	Element Fault
RRK063	958	'43520502_/43520504'	0.77	1.07	3.33	0.768	0.5	1.73	0.55 No	0.5	Element Fault
RRK063	959	'4528254_/43526560'	1.8	3.2	10	2.304	1.6	5.2	1.66 No	1.6	Element Fault
RRK063	960	'7325631_/88306921'	0.67	1.1	3.33	0.768	0.3	1.7	0.55 No	0.3	Element Fault
RRK063	961	'4523541_/4523538'	0.8	1.07	3.33	0.768	0.55	1.73	0.55 No	0.55	Element Fault
RRK063	962	'43526347_/4522216'	0.73	1.07	3.33	0.768	0.55	1.72	0.55 No	0.55	Element Fault
RRK063	963	'4527296_/4527293'	0.6	1.1	3.33	0.768	0.3	1.82	0.55 No	0.3	Element Fault
RRK063	964	'4533206_/4533216'	0.73	1.07	3.33	0.768	0.3	1.75	0.55 No	0.3	Element Fault
RRK063	965	'4534173_/4534183'	0.53	1.07	3.33	0.768	0.5	1.73	0.55 No	0.5	Element Fault
RRK063	966	'4523666_/4523663'	0.8	1.07	3.33	0.768	0.2	1.72	0.55 No	0.2	Element Fault
RRK063	967	'43522726_/4531335'	0.53	1.07	3.33	0.768	0.5	1.73	0.55 No	0.5	Element Fault
RRK063	968	'4523424_/4523439'	1.47	2.07	6.67	1.536	1.1	3.44	1.1 No	1.1	Element Fault
RRK063	969	'4523735_/4528294'	1.7	3.1	10	2.304	1.6	5.15	1.66 No	1.6	Element Fault
RRK063	970	'470542234_/7641636_2'	0.53	1.07	3.33	0.768	0.3	1.73	0.55 No	0.3	Element Fault
RRK063	971	'4523501_/4523512'	0.77	1.03	3.33	0.768	0.55	1.71	0.55 No	0.55	Element Fault
RRK063	972	'4518315_/43522459_2'	0.6	1.1	3.33	0.768	0.1	1.8	0.55 No	0.1	Element Fault
RRK063	973	'4528670_/4528668'	0.53	1.03	3.33	0.768	0.5	1.71	0.55 No	0.5	Element Fault
RRK063	974	'8905333_/8905331'	0.6	1.27	3.33	0.768	0.5	1.4	0.55 No	0.5	Element Fault
RRK063	975	'4534569_/4534566'	0.53	1.07	3.33	0.768	0.5	1.72	0.55 No	0.5	Element Fault
RRK063	976	'4497138_/43525271'	0.53	1.03	3.33	0.768	0.5	1.71	0.55 No	0.5	Element Fault
RRK063	977	'43531258_/43531260'	1.7	3.1	10	2.304	1.6	5.1	1.66 No	1.6	Element Fault
RRK063	978	'4533205_/4533203'	0.73	1.03	3.33	0.768	0.3	1.72	0.55 No	0.3	Element Fault
RRK063	979	'4519290_/4519287'	0.57	1.1	3.33	0.768	0.5	1.76	0.55 No	0.5	Element Fault
RRK063	980	'43526215_/43526217'	0.73	1.03	3.33	0.768	0.3	1.73	0.55 No	0.3	Element Fault
RRK063	981	'43527703_/4523567'	0.77	1.03	3.33	0.768	0.55	1.69	0.55 No	0.55	Element Fault
RRK063	982	'4528276_/4529971_1'	1.7	3.1	10	2.304	0.9	5.08	1.66 No	0.9	Element Fault
RRK063	983	'9218787_/9218784_1'	0.53	1.07	3.33	0.768	0.3	1.69	0.55 No	0.3	Element Fault
RRK063	984	'4523736_/4523733'	1.7	3.1	10	2.304	1.6	5.06	1.66 No	1.6	Element Fault
RRK063	985	'43522435_/43522437'	0.6	1.07	3.33	0.768	0.2	1.77	0.55 No	0.2	Element Fault
RRK063	986	'4519744_/4519822'	1.07	2.07	6.67	1.536	1.67	3.36	1.1 No	1.07	Primary Over-Voltage
RRK063	987	'4483825_/4483822'	0.53	1.03	3.33	0.768	0.6	1.67	0.55 No	0.53	Primary Over-Voltage
RRK063	988	'4534160_/4534170'	0.53	1.03	3.33	0.768	0.5	1.69	0.55 No	0.5	Element Fault
RRK063	989	'7641639_/470542258'	0.5	1.03	3.33	0.768	0.3	1.69	0.55 No	0.3	Element Fault
RRK063	990	'4522232_/4522229'	0.73	1.03	3.33	0.768	0.55	1.67	0.55 No	0.55	Element Fault
RRK063	991	'9534065_/9534062_2'	0.6	1.07	3.33	0.768	0.2	1.76	0.55 No	0.2	Element Fault
RRK063	992	'4527283_/4527280'	0.6	1.07	3.33	0.768	0.3	1.75	0.55 No	0.3	Element Fault
RRK063	993	'4519965_/4519963'	0.7	1.03	3.33	0.768	0.5	1.66	0.55 No	0.5	Element Fault
RRK063	994	'4523583_/4523580'	0.77	1	3.33	0.768	0.55	1.66	0.55 No	0.55	Element Fault
RRK063	995	'4519743_/4519741'	0.53	1.03	3.33	0.768	0.83	1.66	0.55 No	0.53	Primary Over-Voltage
RRK063	996	'4523502_/4523499'	0.77	1	3.33	0.768	0.55	1.66	0.55 No	0.55	Element Fault
RRK063	997	'4538895_/4538892'	0.77	1	3.33	0.768	0.2	1.66	0.55 No	0.2	Element Fault
RRK063	998	'4523423_/4523421'	1.4	2	6.67	1.536	1.1	3.32	1.1 No	1.1	Element Fault
RRK063	999	'4529974_/4529971_2'	1.7	3	10	2.304	0.9	4.98	1.66 No	0.9	Element Fault
RRK063	1000	'4523753_/4523750'	1.7	3	10	2.304	1.6	4.96	1.66 No	1.6	Element Fault
RRK063	1001	'4523718_/4523715'	1.4	2	6.67	1.536	1.1	3.3	1.1 No	1.1	Element Fault
RRK063	1002	'4523599_/4523596'	0.73	1	3.33	0.768	0.55	1.65	0.55 No	0.55	Element Fault
RRK063	1003	'4533231_/4533271'	0.7	1	3.33	0.768	0.3	1.67	0.55 No	0.3	Element Fault
RRK063	1004	'43525046_/4519303'	0.53	1.07	3.33	0.768	0.5	1.71	0.55 No	0.5	Element Fault

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RRK063	1005	'4521671_/_4521681'	0.7	1	3.33	0.768	0.3	1.67	0.55 No	0.3	Element Fault
RRK063	1006	'43522704_/_43522706'	0.5	1	3.33	0.768	0.5	1.66	0.55 No	0.5	Primary Over-Voltage
RRK063	1007	'4527670_/_4527680'	0.53	1	3.33	0.768	0.83	1.63	0.55 No	0.53	Primary Over-Voltage
RRK063	1008	'43525774_/_4533229'	0.7	1	3.33	0.768	0.3	1.65	0.55 No	0.3	Element Fault
RRK063	1009	'43525224_/_4520096'	1	2	6.67	1.536	1.67	3.25	1.1 No	1	Primary Over-Voltage
RRK063	1010	'4464454_/_4484045'	0.73	1	3.33	0.768	0.5	1.63	0.55 No	0.5	Element Fault
RRK063	1011	'4531338_/_43522728'	0.5	1	3.33	0.768	0.5	1.64	0.55 No	0.5	Primary Over-Voltage
RRK063	1012	'43525314_/_43525316'	0.5	1	3.33	0.768	0.5	1.63	0.55 No	0.5	Primary Over-Voltage
RRK063	1013	'61697842_/_8276076_2'	0.7	1	3.33	0.768	0.3	1.65	0.55 No	0.3	Element Fault
RRK063	1014	'8276094_/_8276092_1'	0.5	1	3.33	0.768	0.3	1.64	0.55 No	0.3	Element Fault
RRK063	1015	'4483838_/_4483835'	0.53	1	3.33	0.768	0.6	1.62	0.55 No	0.53	Primary Over-Voltage
RRK063	1016	'393164158_/_4520057_2'	0.5	1	3.33	0.768	0.83	1.62	0.55 No	0.5	Primary Over-Voltage
RRK063	1017	'7640807_/_8275168'	1.3	2.6	10	2.304	1.5	4.74	1.66 No	1.3	Primary Over-Voltage
RRK063	1018	'43531245_/_4528148'	1.6	2.9	10	2.304	1.6	4.85	1.66 No	1.6	Primary Over-Voltage
RRK063	1019	'8276079_/_8276076_1'	0.67	1	3.33	0.768	0.2	1.63	0.55 No	0.2	Element Fault
RRK063	1020	'43531870_/_4538905'	0.73	0.97	3.33	0.768	0.2	1.61	0.55 No	0.2	Element Fault
RRK063	1021	'4522245_/_4522242'	0.7	0.97	3.33	0.768	0.55	1.61	0.55 No	0.55	Element Fault
RRK063	1022	'43532095_/_43532097'	0.7	0.97	3.33	0.768	0.55	1.61	0.55 No	0.55	Element Fault
RRK063	1023	'43526281_/_43526283'	0.7	0.97	3.33	0.768	0.55	1.62	0.55 No	0.55	Element Fault
RRK063	1024	'4533189_/_4533187'	0.67	1	3.33	0.768	0.3	1.62	0.55 No	0.3	Element Fault
RRK063	1025	'4518288_/_4518286'	0.57	1	3.33	0.768	0.2	1.68	0.55 No	0.2	Element Fault
RRK063	1026	'4521658_/_4521668'	0.67	0.97	3.33	0.768	0.3	1.63	0.55 No	0.3	Element Fault
RRK063	1027	'4519306_/_43525048'	0.5	1.03	3.33	0.768	0.5	1.65	0.55 No	0.5	Primary Over-Voltage
RRK063	1028	'7959576_/_104602299_2'	0.6	1	3.33	0.768	0.5	1.59	0.55 No	0.5	Element Fault
RRK063	1029	'43525247_/_43525249'	0.67	0.97	3.33	0.768	0.5	1.59	0.55 No	0.5	Element Fault
RRK063	1030	'7959683_/_9532802'	0.5	1	3.33	0.768	0.3	1.6	0.55 No	0.3	Element Fault
RRK063	1031	'4528168_/_43531247'	1.6	2.9	10	2.304	1.6	4.77	1.66 No	1.6	Primary Over-Voltage
RRK063	1032	'43525090_/_43525092'	0.53	0.97	3.33	0.768	0.83	1.58	0.55 No	0.53	Primary Over-Voltage
RRK063	1033	'379587276_/_379587202_1'	1.6	2.9	10	2.304	0.9	4.77	1.66 No	0.9	Element Fault
RRK063	1034	'4520162_/_4534144'	0.5	0.97	3.33	0.768	0.5	1.59	0.55 No	0.5	Primary Over-Voltage
RRK063	1035	'43525292_/_43525294'	0.67	0.97	3.33	0.768	0.5	1.57	0.55 No	0.5	Element Fault
RRK063	1036	'4464455_/_4464452'	0.7	0.97	3.33	0.768	0.5	1.58	0.55 No	0.5	Element Fault
RRK063	1037	'4521726_/_4521723'	0.67	0.97	3.33	0.768	0.3	1.61	0.55 No	0.3	Element Fault
RRK063	1038	'379587205_/_379587202_2'	1.6	2.8	10	2.304	0.9	4.74	1.66 No	0.9	Element Fault
RRK063	1039	'7959400_/_8275040'	0.7	0.97	3.33	0.768	0.5	1.57	0.55 No	0.5	Element Fault
RRK063	1040	'4521645_/_4521655'	0.67	0.97	3.33	0.768	0.3	1.6	0.55 No	0.3	Element Fault
RRK063	1041	'4519812_/_4520057_1'	0.5	0.97	3.33	0.768	0.3	1.57	0.55 No	0.3	Element Fault
RRK063	1042	'4531351_/_4531348'	0.47	0.97	3.33	0.768	0.5	1.58	0.55 No	0.47	Primary Over-Voltage
RRK063	1043	'4483851_/_4483848'	0.5	0.97	3.33	0.768	0.6	1.56	0.55 No	0.5	Primary Over-Voltage
RRK063	1044	'4528185_/_4528182'	1.6	2.8	10	2.304	1.6	4.7	1.66 No	1.6	Primary Over-Voltage
RRK063	1045	'8584851_/_9532818_1'	0.5	0.97	3.33	0.768	0.3	1.56	0.55 No	0.3	Element Fault
RRK063	1046	'43531881_/_4538918'	0.7	0.93	3.33	0.768	0.2	1.56	0.55 No	0.2	Element Fault
RRK063	1047	'393164144_/_4520214_2'	0.53	0.93	3.33	0.768	0.3	1.56	0.55 No	0.3	Element Fault
RRK063	1048	'49201768_/_43525765'	0.67	0.97	3.33	0.768	0.3	1.57	0.55 No	0.3	Element Fault
RRK063	1049	'4521710_/_4521707'	0.67	0.97	3.33	0.768	0.3	1.58	0.55 No	0.3	Element Fault
RRK063	1050	'4518915_/_4531322'	0.47	0.97	3.33	0.768	0.5	1.57	0.55 No	0.47	Primary Over-Voltage
RRK063	1051	'395616475_/_349026421_2'	0.67	0.97	3.33	0.768	0.3	1.57	0.55 No	0.3	Element Fault
RRK063	1052	'7640681_/_7640678'	0.53	1.1	3.33	0.768	0.5	1.31	0.55 No	0.5	Element Fault
RRK063	1053	'8585883_/_8880088_1'	0.47	0.97	3.33	0.768	0.2	1.57	0.55 No	0.2	Element Fault
RRK063	1054	'43531271_/_4528205'	1.5	2.8	10	2.304	1.6	4.65	1.66 No	1.5	Primary Over-Voltage
RRK063	1055	'4519799_/_4519809'	0.53	0.93	3.33	0.768	0.3	1.54	0.55 No	0.3	Element Fault
RRK063	1056	'4539423_/_4539433'	0.67	0.93	3.33	0.768	0.55	1.55	0.55 No	0.55	Element Fault
RRK063	1057	'4520149_/_4520159'	0.47	0.93	3.33	0.768	0.5	1.55	0.55 No	0.47	Primary Over-Voltage
RRK063	1058	'4527669_/_4527667'	0.53	0.93	3.33	0.768	0.83	1.54	0.55 No	0.53	Primary Over-Voltage
RRK063	1059	'7959399_/_7959397'	0.67	0.97	3.33	0.768	0.3	1.54	0.55 No	0.3	Element Fault
RRK063	1060	'43526204_/_43526206'	0.63	0.93	3.33	0.768	0.3	1.56	0.55 No	0.3	Element Fault
RRK063	1061	'4534457_/_4534455'	0.63	0.93	3.33	0.768	0.5	1.53	0.55 No	0.5	Element Fault
RRK063	1062	'4522261_/_4522258'	0.63	0.93	3.33	0.768	0.55	1.53	0.55 No	0.55	Element Fault
RRK063	1063	'35513642_/_4531387'	0.47	0.93	3.33	0.768	0.5	1.53	0.55 No	0.47	Primary Over-Voltage
RRK063	1064	'4528224_/_4528222'	0.53	0.9	3.33	0.768	0.53	1.53	0.55 No	0.53	Primary Over-Voltage
RRK063	1065	'43520513_/_43520515'	0.67	0.93	3.33	0.768	0.5	1.52	0.55 No	0.5	Element Fault
RRK063	1066	'43522715_/_4518913'	0.47	0.93	3.33	0.768	0.5	1.54	0.55 No	0.47	Primary Over-Voltage
RRK063	1067	'4519672_/_4520214_1'	0.53	0.93	3.33	0.768	0.1	1.52	0.55 No	0.1	Element Fault
RRK063	1068	'4523678_/_4538931'	0.67	0.93	3.33	0.768	0.2	1.52	0.55 No	0.2	Element Fault
RRK063	1069	'4484633_/_4484630'	0.67	0.93	3.33	0.768	0.5	1.52	0.55 No	0.5	Element Fault
RRK063	1070	'4483864_/_4483861'	0.5	0.93	3.33	0.768	0.6	1.51	0.55 No	0.5	Primary Over-Voltage
RRK063	1071	'4539422_/_4539420'	0.63	0.9	3.33	0.768	0.55	1.52	0.55 No	0.55	Element Fault
RRK063	1072	'4519786_/_4519796'	0.53	0.93	3.33	0.768	0.3	1.51	0.55 No	0.3	Element Fault
RRK063	1073	'8275191_/_8275204'	0.57	0.93	3.33	0.768	0.5	1.48	0.55 No	0.5	Element Fault
RRK063	1074	'43525358_/_4520146'	0.47	0.9	3.33	0.768	0.5	1.52	0.55 No	0.47	Primary Over-Voltage
RRK063	1075	'4534471_/_4534468'	0.53	0.9	3.33	0.768	0.3	1.51	0.55 No	0.3	Element Fault
RRK063	1076	'9534049_/_349026421_1'	0.63	0.93	3.33	0.768	0.2	1.52	0.55 No	0.2	Element Fault
RRK063	1077	'4484646_/_4484643'	0.67	0.93	3.33	0.768	0.5	1.5	0.55 No	0.5	Element Fault
RRK063	1078	'9218626_/_9218624'	0.67	0.93	3.33	0.768	0.3	1.5	0.55 No	0.3	Element Fault
RRK063	1079	'4483890_/_4483887'	0.47	0.93	3.33	0.768	0.6	1.5	0.55 No	0.47	Primary Over-Voltage
RRK063	1080	'4520033_/_4520031'	0.63	0.9	3.33	0.768	0.5	1.5	0.55 No	0.5	Element Fault
RRK063	1081	'4521644_/_4521642'	0.63	0.9	3.33	0.768	0.3	1.52	0.55 No	0.3	Element Fault
RRK063	1082	'7640504_/_419407568'	0.47	0.9	3.33	0.768	0.3	1.49	0.55 No	0.3	Element Fault
RRK063	1083	'7325535_/_8275088'	0.57	0.9	3.33	0.768	0.5	1.48	0.55 No	0.5	Element Fault
RRK063	1084	'4523679_/_4523676'	0.67	0.9	3.33	0.768	0.2	1.48	0.55 No	0.2	Element Fault
RRK063	1085	'8275282_/_9532898'	0.5	1.03	3.33	0.768	0.5	1.26	0.55 No	0.5	Primary Over-Voltage
RRK063	1086	'4464467_/_4464465'	0.63	0.9	3.33	0.768	0.5	1.47	0.55 No	0.5	Element Fault
RRK063	1087	'4498693_/_4519783'	0.53	0.9	3.33	0.768	0.3	1.47	0.55 No	0.3	Element Fault
RRK063	1088	'8275283_/_8275280'	0.5	1.03	3.33	0.768	0.5	1.25	0.55 No	0.5	Primary Over-Voltage
RRK063	1089	'4497191_/_4523834'	0.63	0.87	3.33	0.768	0.55	1.48	0.55 No	0.55	Element Fault
RRK063	1090	'4519659_/_4519669'	0.53	0.9	3.33	0.768	0.1	1.47	0.55 No	0.1	Element Fault
RRK063	1091	'7640633_/_9532818_2'	0.47	0.9	3.33	0.768	0.3	1.46	0.55 No	0.3	Element Fault
RRK063	1092	'4497190_/_4497188'	0.6	0.87	3.33	0.768	0.4	1.47	0.55 No	0.4	Element Fault
RRK063	1093	'43521300_/_4483874'	0.47	0.9	3.33	0.768	0.6	1.46	0.55 No	0.47	Primary Over-Voltage
RRK063	1094	'4483903_/_4483900'	0.47	0.9	3.33	0.768	0.6	1.45	0.55 No	0.47	Primary Over-Voltage
RRK063	1095	'7959684_/_7959681'	0.47	0.9	3.33	0.768	0.3	1.46	0.55 No	0.3	Element Fault
RRK063	1096	'4518890_/_4518887'	0.43	0.9	3.33	0.768	0.5	1.47	0.55 No	0.43	Primary Over-Voltage
RRK063	1097	'4520243_/_4520253'	0.6	0.87	3.33	0.768	0.4	1.46	0.55 No	0.4	Element Fault
RRK063	1098	'4519773_/_4520172'	0.43	0.87	3.33	0.768	0.5	1.45	0.55 No	0.43	Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RRK063	1099	'4521739_/_4521736'	0.6	0.87	3.33	0.768	0.3	1.47	0.55 No	0.3	Element Fault
RRK063	1100	'4498680_/_4498690'	0.53	0.87	3.33	0.768	0.3	1.44	0.55 No	0.3	Element Fault
RRK063	1101	'4523692_/_4523689'	0.63	0.87	3.33	0.768	0.2	1.44	0.55 No	0.2	Element Fault
RRK063	1102	'4483932_/_4483929'	0.47	0.87	3.33	0.768	0.6	1.43	0.55 No	0.47	Primary Over-Voltage
RRK063	1103	'43525167_/_4519656'	0.53	0.87	3.33	0.768	0.1	1.42	0.55 No	0.1	Element Fault
RRK063	1104	'43525236_/_4534442'	0.53	0.87	3.33	0.768	0.3	1.42	0.55 No	0.3	Element Fault
RRK063	1105	'4483918_/_4483916'	0.47	0.87	3.33	0.768	0.6	1.42	0.55 No	0.47	Primary Over-Voltage
RRK063	1106	'4520242_/_4520240'	0.6	0.83	3.33	0.768	0.4	1.43	0.55 No	0.4	Element Fault
RRK063	1107	'43526248_/_4521765'	0.57	0.87	3.33	0.768	0.3	1.44	0.55 No	0.3	Element Fault
RRK063	1108	'7960045_/_8880088_2'	0.43	0.87	3.33	0.768	0.2	1.43	0.55 No	0.2	Element Fault
RRK063	1109	'4518903_/_4518900'	0.43	0.87	3.33	0.768	0.5	1.42	0.55 No	0.43	Primary Over-Voltage
RRK063	1110	'4483948_/_4483945'	0.43	0.87	3.33	0.768	0.6	1.4	0.55 No	0.43	Primary Over-Voltage
RRK063	1111	'8880107_/_450336814_1'	0.43	0.87	3.33	0.768	0.2	1.42	0.55 No	0.2	Element Fault
RRK063	1112	'7326518_/_8585896_1'	0.43	0.87	3.33	0.768	0.2	1.42	0.55 No	0.2	Element Fault
RRK063	1113	'8275138_/_231785828'	0.6	0.87	3.33	0.768	0.5	1.4	0.55 No	0.5	Element Fault
RRK063	1114	'43531234_/_4523702'	0.6	0.83	3.33	0.768	0.2	1.4	0.55 No	0.2	Element Fault
RRK063	1115	'4519757_/_4519770'	0.43	0.83	3.33	0.768	0.5	1.41	0.55 No	0.43	Primary Over-Voltage
RRK063	1116	'4523807_/_4528251_1'	0.6	0.83	3.33	0.768	0.53	1.4	0.55 No	0.53	Element Fault
RRK063	1117	'4519715_/_4519712'	0.53	0.83	3.33	0.768	0.3	1.39	0.55 No	0.3	Element Fault
RRK063	1118	'4519633_/_4519643'	0.53	0.83	3.33	0.768	0.1	1.39	0.55 No	0.1	Element Fault
RRK063	1119	'4521768_/_43526250'	0.57	0.83	3.33	0.768	0.3	1.41	0.55 No	0.3	Element Fault
RRK063	1120	'8275190_/_8275188'	0.53	0.83	3.33	0.768	0.5	1.36	0.55 No	0.5	Element Fault
RRK063	1121	'8585899_/_8585896_2'	0.43	0.83	3.33	0.768	0.2	1.4	0.55 No	0.2	Element Fault
RRK063	1122	'43525178_/_43525180'	0.53	0.83	3.33	0.768	0.3	1.38	0.55 No	0.3	Element Fault
RRK063	1123	'4483974_/_4483971'	0.43	0.83	3.33	0.768	0.6	1.38	0.55 No	0.43	Primary Over-Voltage
RRK063	1124	'4527131_/_4527142'	0.57	0.83	3.33	0.768	0.4	1.39	0.55 No	0.4	Element Fault
RRK063	1125	'4519756_/_4519754'	0.43	0.83	3.33	0.768	0.5	1.38	0.55 No	0.43	Primary Over-Voltage
RRK063	1126	'43522174_/_4484701'	0.43	0.83	3.33	0.768	0.6	1.36	0.55 No	0.43	Primary Over-Voltage
RRK063	1127	'43526259_/_4521752'	0.57	0.83	3.33	0.768	0.3	1.39	0.55 No	0.3	Element Fault
RRK063	1128	'7959511_/_8905315'	0.47	0.97	3.33	0.768	0.5	1.18	0.55 No	0.47	Primary Over-Voltage
RRK063	1129	'4497165_/_4519630'	0.53	0.83	3.33	0.768	0.1	1.36	0.55 No	0.1	Element Fault
RRK063	1130	'7959512_/_7959509'	0.47	0.97	3.33	0.768	0.5	1.18	0.55 No	0.47	Primary Over-Voltage
RRK063	1131	'4527118_/_4527155'	0.57	0.8	3.33	0.768	0.4	1.36	0.55 No	0.4	Element Fault
RRK063	1132	'7325536_/_7325533'	0.5	0.83	3.33	0.768	0.5	1.34	0.55 No	0.5	Primary Over-Voltage
RRK063	1133	'4519581_/_4519591'	0.53	0.8	3.33	0.768	0.3	1.34	0.55 No	0.3	Element Fault
RRK063	1134	'43531769_/_4534494'	0.53	0.8	3.33	0.768	0.3	1.34	0.55 No	0.3	Element Fault
RRK063	1135	'7960046_/_7960043'	0.4	0.8	3.33	0.768	0.2	1.35	0.55 No	0.2	Element Fault
RRK063	1136	'4520188_/_4527103'	0.57	0.8	3.33	0.768	0.4	1.35	0.55 No	0.4	Element Fault
RRK063	1137	'7640632_/_7640630'	0.43	0.8	3.33	0.768	0.3	1.34	0.55 No	0.3	Element Fault
RRK063	1138	'8880139_/_450336814_2'	0.4	0.8	3.33	0.768	0.2	1.35	0.55 No	0.2	Element Fault
RRK063	1139	'4484704_/_43522176'	0.43	0.8	3.33	0.768	0.6	1.32	0.55 No	0.43	Primary Over-Voltage
RRK063	1140	'7325759_/_350403192'	0.4	0.8	3.33	0.768	0.3	1.33	0.55 No	0.3	Element Fault
RRK063	1141	'4520308_/_4527116'	0.53	0.8	3.33	0.768	0.4	1.33	0.55 No	0.4	Element Fault
RRK063	1142	'452863122_/_8880152'	0.4	0.8	3.33	0.768	0.2	1.33	0.55 No	0.2	Element Fault
RRK063	1143	'4534483_/_43531771'	0.53	0.8	3.33	0.768	0.3	1.32	0.55 No	0.3	Element Fault
RRK063	1144	'4483987_/_4483984'	0.4	0.8	3.33	0.768	0.6	1.32	0.55 No	0.4	Primary Over-Voltage
RRK063	1145	'43525156_/_4497162'	0.53	0.8	3.33	0.768	0.1	1.31	0.55 No	0.1	Element Fault
RRK063	1146	'43525393_/_4520306'	0.53	0.77	3.33	0.768	0.4	1.32	0.55 No	0.4	Element Fault
RRK063	1147	'4519568_/_4519578'	0.53	0.8	3.33	0.768	0.3	1.31	0.55 No	0.3	Element Fault
RRK063	1148	'4483960_/_4484714'	0.4	0.8	3.33	0.768	0.6	1.3	0.55 No	0.4	Primary Over-Voltage
RRK063	1149	'43525369_/_43525371'	0.53	0.77	3.33	0.768	0.4	1.31	0.55 No	0.4	Element Fault
RRK063	1150	'7640568_/_104602314'	0.47	0.8	3.33	0.768	0.5	1.3	0.55 No	0.47	Primary Over-Voltage
RRK063	1151	'4521755_/_43526261'	0.53	0.77	3.33	0.768	0.3	1.32	0.55 No	0.3	Element Fault
RRK063	1152	'4519701_/_4534481'	0.53	0.77	3.33	0.768	0.3	1.29	0.55 No	0.3	Element Fault
RRK063	1153	'8584930_/_231785813'	0.57	0.77	3.33	0.768	0.5	1.28	0.55 No	0.5	Element Fault
RRK063	1154	'4497177_/_4497175'	0.53	0.77	3.33	0.768	0.1	1.28	0.55 No	0.1	Element Fault
RRK063	1155	'8880123_/_8880120'	0.37	0.77	3.33	0.768	0.2	1.28	0.55 No	0.2	Element Fault
RRK063	1156	'4520187_/_4520185'	0.53	0.77	3.33	0.768	0.4	1.28	0.55 No	0.4	Element Fault
RRK063	1157	'4519552_/_4519565'	0.53	0.77	3.33	0.768	0.3	1.26	0.55 No	0.3	Element Fault
RRK063	1158	'4527840_/_43525395'	0.53	0.77	3.33	0.768	0.4	1.27	0.55 No	0.4	Element Fault
RRK063	1159	'7640569_/_7640566'	0.47	0.77	3.33	0.768	0.5	1.26	0.55 No	0.47	Primary Over-Voltage
RRK063	1160	'4483961_/_4483958'	0.4	0.77	3.33	0.768	0.6	1.26	0.55 No	0.4	Primary Over-Voltage
RRK063	1161	'4519702_/_4519699'	0.53	0.77	3.33	0.768	0.3	1.26	0.55 No	0.3	Element Fault
RRK063	1162	'359861231_/_350403203_1'	0.37	0.73	3.33	0.768	0.3	1.26	0.55 No	0.3	Element Fault
RRK063	1163	'7325568_/_7325565'	0.37	0.77	3.33	0.768	0.3	1.25	0.55 No	0.3	Element Fault
RRK063	1164	'43525189_/_43525191'	0.53	0.73	3.33	0.768	0.3	1.24	0.55 No	0.2	Element Fault
RRK063	1165	'52768968_/_452863142'	0.37	0.77	3.33	0.768	0.2	1.25	0.55 No	0.2	Element Fault
RRK063	1166	'7325760_/_7959557'	0.37	0.77	3.33	0.768	0.3	1.24	0.55 No	0.3	Element Fault
RRK063	1167	'4519607_/_4519617'	0.53	0.73	3.33	0.768	0.1	1.24	0.55 No	0.1	Element Fault
RRK063	1168	'8584883_/_231785788'	0.53	0.73	3.33	0.768	0.5	1.24	0.55 No	0.5	Element Fault
RRK063	1169	'4539601_/_43532145'	0.53	0.73	3.33	0.768	0.3	1.23	0.55 No	0.3	Element Fault
RRK063	1170	'9218658_/_9532578'	0.47	0.73	3.33	0.768	0.5	1.23	0.55 No	0.47	Primary Over-Voltage
RRK063	1171	'52769005_/_52769012'	0.37	0.73	3.33	0.768	0.2	1.24	0.55 No	0.2	Element Fault
RRK063	1172	'43521311_/_4484000'	0.37	0.73	3.33	0.768	0.6	1.21	0.55 No	0.37	Primary Over-Voltage
RRK063	1173	'8584755_/_8584752'	0.4	0.73	3.33	0.768	0.3	1.22	0.55 No	0.3	Element Fault
RRK063	1174	'52769033_/_52769060'	0.37	0.73	3.33	0.768	0.2	1.23	0.55 No	0.2	Element Fault
RRK063	1175	'8905157_/_104602327'	0.43	0.73	3.33	0.768	0.5	1.21	0.55 No	0.43	Primary Over-Voltage
RRK063	1176	'7640488_/_8905155'	0.43	0.73	3.33	0.768	0.5	1.2	0.55 No	0.43	Primary Over-Voltage
RRK063	1177	'7325551_/_7640486'	0.43	0.73	3.33	0.768	0.5	1.2	0.55 No	0.43	Primary Over-Voltage
RRK063	1178	'4519606_/_4519604'	0.53	0.73	3.33	0.768	0.1	1.2	0.55 No	0.1	Element Fault
RRK063	1179	'4519526_/_4519536'	0.53	0.7	3.33	0.768	0.3	1.2	0.55 No	0.3	Element Fault
RRK063	1180	'7325866_/_7640804'	0.4	0.83	3.33	0.768	0.5	1.06	0.55 No	0.4	Primary Over-Voltage
RRK063	1181	'4484003_/_43521313'	0.37	0.7	3.33	0.768	0.3	1.17	0.55 No	0.3	Element Fault
RRK063	1182	'4519513_/_4519523'	0.5	0.7	3.33	0.768	0.3	1.17	0.55 No	0.3	Element Fault
RRK063	1183	'7640616_/_412262541'	0.5	0.7	3.33	0.768	0.5	1.17	0.55 No	0.5	Primary Over-Voltage
RRK063	1184	'7640665_/_8901634'	0.43	0.7	3.33	0.768	0.5	1.15	0.55 No	0.43	Primary Over-Voltage
RRK063	1185	'7325552_/_7325549'	0.43	0.7	3.33	0.768	0.5	1.17	0.55 No	0.43	Primary Over-Voltage
RRK063	1186	'8420216_/_52769035'	0.33	0.7	3.33	0.768	0.2	1.17	0.55 No	0.2	Element Fault
RRK063	1187	'4519500_/_4519510'	0.5	0.7	3.33	0.768	0.3	1.15	0.55 No	0.3	Element Fault
RRK063	1188	'8584802_/_412262518'	0.5	0.67	3.33	0.768	0.5	1.13	0.55 No	0.5	Primary Over-Voltage
RRK063	1189	'7325616_/_9218720'	0.37	0.67	3.33	0.768	0.3	1.13	0.55 No	0.3	Element Fault
RRK063	1190	'7325865_/_7325863'	0.37	0.77	3.33	0.768	0.5	1.01	0.55 No	0.37	Primary Over-Voltage
RRK063	1191	'4519487_/_4519497'	0.47	0.67	3.33	0.768	0.3	1.12	0.55 No	0.3	Element Fault
RRK063	1192	'7325711_/_7325709'	0.33	0.67	3.33	0.768	0.3	1.09	0.55 No	0.3	Element Fault

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RRK063	1193	'7959416_/412262495'	0.47	0.67	3.33	0.768	0.5	1.09	0.55 No	0.47	Primary Over-Voltage
RRK063	1194	'4519486_/4519484'	0.47	0.63	3.33	0.768	0.3	1.09	0.55 No	0.3	Element Fault
RRK063	1195	'7640649_/7640662'	0.4	0.67	3.33	0.768	0.5	1.08	0.55 No	0.4	Primary Over-Voltage
RRK063	1196	'9218675_/104602351'	0.37	0.63	3.33	0.768	0.5	1.07	0.55 No	0.37	Primary Over-Voltage
RRK063	1197	'395799783_/395799752_1'	0.27	0.43	3.33	0.768	0.5	1.06	0.55 No	0.27	Primary Over-Voltage
RRK063	1198	'43526725_/4530262'	1.4	1.8	10	2.304	1.8	2.81	1.66 No	1.4	Primary Over-Voltage
RRK063	1199	'412262652_/412262410'	0.43	0.63	3.33	0.768	0.5	1.04	0.55 No	0.43	Primary Over-Voltage
RRK063	1200	'7640822_/7640820'	0.33	0.7	3.33	0.768	0.5	0.94	0.55 No	0.33	Primary Over-Voltage
RRK063	1201	'7325615_/7325613'	0.33	0.6	3.33	0.768	0.3	1.03	0.55 No	0.3	Element Fault
RRK063	1202	'4530265_/4352672'	1.3	1.7	10	2.304	1.8	2.71	1.66 No	1.3	Primary Over-Voltage
RRK063	1203	'7325696_/124749641'	0.43	0.6	3.33	0.768	0.5	1.01	0.55 No	0.43	Primary Over-Voltage
RRK063	1204	'7640648_/395799791'	0.33	0.6	3.33	0.768	0.5	0.97	0.55 No	0.33	Primary Over-Voltage
RRK063	1205	'7640520_/7640518'	0.3	0.57	3.33	0.768	0.3	0.98	0.55 No	0.3	Primary Over-Voltage
RRK063	1206	'7640600_/7640598'	0.4	0.57	3.33	0.768	0.5	0.97	0.55 No	0.4	Primary Over-Voltage
RRK063	1207	'8420217_/8420214'	0.27	0.57	3.33	0.768	0.2	0.98	0.55 No	0.2	Element Fault
RRK063	1208	'7959527_/9219008'	0.3	0.63	3.33	0.768	0.5	0.89	0.55 No	0.3	Primary Over-Voltage
RRK063	1209	'8584995_/9532834'	0.33	0.57	3.33	0.768	0.5	0.94	0.55 No	0.33	Primary Over-Voltage
RRK063	1210	'8585914_/8585912'	0.27	0.57	3.33	0.768	0.2	0.95	0.55 No	0.2	Element Fault
RRK063	1211	'37798079_/8275104'	0.3	0.57	3.33	0.768	0.3	0.94	0.55 No	0.3	Primary Over-Voltage
RRK063	1212	'37798072_/37798076'	0.3	0.57	3.33	0.768	0.3	0.94	0.55 No	0.3	Primary Over-Voltage
RRK063	1213	'402200259_/402200256'	0.3	0.57	3.33	0.768	0.3	0.94	0.55 No	0.3	Primary Over-Voltage
RRK063	1214	'37798093_/37798097'	0.3	0.57	3.33	0.768	0.3	0.94	0.55 No	0.3	Primary Over-Voltage
RRK063	1215	'37798065_/37798069'	0.3	0.57	3.33	0.768	0.3	0.94	0.55 No	0.3	Primary Over-Voltage
RRK063	1216	'8275010_/731785765'	0.4	0.53	3.33	0.768	0.5	0.93	0.55 No	0.4	Primary Over-Voltage
RRK063	1217	'9069325_/9533994'	0.27	0.53	3.33	0.768	0.2	0.93	0.55 No	0.2	Element Fault
RRK063	1218	'7325744_/7959525'	0.3	0.6	3.33	0.768	0.5	0.85	0.55 No	0.3	Primary Over-Voltage
RRK063	1219	'8584978_/8584992'	0.33	0.53	3.33	0.768	0.5	0.92	0.55 No	0.33	Primary Over-Voltage
RRK063	1220	'8275075_/8584976'	0.33	0.53	3.33	0.768	0.5	0.91	0.55 No	0.33	Primary Over-Voltage
RRK063	1221	'37798149_/9069323'	0.27	0.53	3.33	0.768	0.2	0.91	0.55 No	0.2	Element Fault
RRK063	1222	'37798156_/37798153'	0.27	0.53	3.33	0.768	0.2	0.91	0.55 No	0.2	Element Fault
RRK063	1223	'38041472_/38041469'	0.27	0.53	3.33	0.768	0.2	0.91	0.55 No	0.2	Element Fault
RRK063	1224	'37798163_/37798160'	0.27	0.53	3.33	0.768	0.2	0.91	0.55 No	0.2	Element Fault
RRK063	1225	'38041465_/38041462'	0.27	0.53	3.33	0.768	0.2	0.91	0.55 No	0.2	Element Fault
RRK063	1226	'7325743_/7325741'	0.27	0.57	3.33	0.768	0.5	0.83	0.55 No	0.27	Primary Over-Voltage
RRK063	1227	'9532644_/9532642'	0.27	0.53	3.33	0.768	0.3	0.9	0.55 No	0.27	Primary Over-Voltage
RRK063	1228	'7325599_/8905219'	0.27	0.53	3.33	0.768	0.3	0.9	0.55 No	0.27	Primary Over-Voltage
RRK063	1229	'9218546_/145150352'	0.37	0.53	3.33	0.768	0.5	0.89	0.55 No	0.37	Primary Over-Voltage
RRK063	1230	'8434519_/8434516'	0.27	0.53	3.33	0.768	0.2	0.89	0.55 No	0.2	Element Fault
RRK063	1231	'7640553_/8275072'	0.3	0.53	3.33	0.768	0.5	0.87	0.55 No	0.3	Primary Over-Voltage
RRK063	1232	'7325583_/7325597'	0.27	0.5	3.33	0.768	0.3	0.87	0.55 No	0.27	Primary Over-Voltage
RRK063	1233	'7959543_/7959541'	0.27	0.57	3.33	0.768	0.5	0.81	0.55 No	0.27	Primary Over-Voltage
RRK063	1234	'7640552_/7640550'	0.3	0.5	3.33	0.768	0.5	0.86	0.55 No	0.3	Primary Over-Voltage
RRK063	1235	'8275122_/8438293'	0.23	0.5	3.33	0.768	0.2	0.86	0.55 No	0.2	Element Fault
RRK063	1236	'7640696_/412262390'	0.37	0.5	3.33	0.768	0.5	0.86	0.55 No	0.37	Primary Over-Voltage
RRK063	1237	'9532709_/9532706'	0.3	0.5	3.33	0.768	0.5	0.84	0.55 No	0.3	Primary Over-Voltage
RRK063	1238	'7959480_/9532722'	0.3	0.5	3.33	0.768	0.5	0.83	0.55 No	0.3	Primary Over-Voltage
RRK063	1239	'7325584_/7325581'	0.27	0.5	3.33	0.768	0.3	0.83	0.55 No	0.27	Primary Over-Voltage
RRK063	1240	'37797925_/9218560'	0.37	0.5	3.33	0.768	0.5	0.83	0.55 No	0.37	Primary Over-Voltage
RRK063	1241	'37797918_/37797922'	0.37	0.5	3.33	0.768	0.5	0.83	0.55 No	0.37	Primary Over-Voltage
RRK063	1242	'37797953_/37797950'	0.37	0.5	3.33	0.768	0.5	0.83	0.55 No	0.37	Primary Over-Voltage
RRK063	1243	'37797939_/37797943'	0.37	0.5	3.33	0.768	0.5	0.83	0.55 No	0.37	Primary Over-Voltage
RRK063	1244	'37797911_/37797915'	0.37	0.5	3.33	0.768	0.5	0.83	0.55 No	0.37	Primary Over-Voltage
RRK063	1245	'7959479_/7959477'	0.3	0.5	3.33	0.768	0.5	0.83	0.55 No	0.3	Primary Over-Voltage
RRK063	1246	'412262605_/231785715_1'	0.33	0.5	3.33	0.768	0.5	0.83	0.55 No	0.33	Primary Over-Voltage
RRK063	1247	'8584787_/8584784'	0.3	0.5	3.33	0.768	0.5	0.82	0.55 No	0.3	Primary Over-Voltage
RRK063	1248	'108751439_/8584944_1'	0.27	0.5	3.33	0.768	0.5	0.83	0.55 No	0.27	Primary Over-Voltage
RRK063	1249	'37798051_/231785740'	0.33	0.5	3.33	0.768	0.5	0.83	0.55 No	0.33	Primary Over-Voltage
RRK063	1250	'7959351_/231785715_2'	0.33	0.47	3.33	0.768	0.5	0.82	0.55 No	0.33	Primary Over-Voltage
RRK063	1251	'7325520_/7325517'	0.33	0.47	3.33	0.768	0.5	0.81	0.55 No	0.33	Primary Over-Voltage
RRK063	1252	'7640424_/7640422'	0.33	0.47	3.33	0.768	0.5	0.81	0.55 No	0.33	Primary Over-Voltage
RRK063	1253	'8584963_/9532850'	0.27	0.47	3.33	0.768	0.5	0.8	0.55 No	0.27	Primary Over-Voltage
RRK063	1254	'8275123_/8275120'	0.23	0.47	3.33	0.768	0.2	0.8	0.55 No	0.2	Element Fault
RRK063	1255	'8584962_/8584960'	0.27	0.47	3.33	0.768	0.5	0.76	0.55 No	0.27	Primary Over-Voltage
RRK063	1256	'7959368_/104602365'	0.33	0.43	3.33	0.768	0.5	0.77	0.55 No	0.33	Primary Over-Voltage
RRK064	0	'RRK064_/397322598_1'	0	10	10	0	10	10	0 Yes	0	Primary Over-Voltage
RRK064	1	'397323029_/397322598_1'	0	10	10	0	10	10	0 Yes	0	Primary Over-Voltage
RRK064	2	'397322601_/397322598_2'	0	10	10	0	10	10	0 Yes	0	Primary Over-Voltage
RRK064	3	'397322816_/397322813'	0	10	10	0	10	10	0 Yes	0	Primary Over-Voltage
RRK064	4	'397322836_/397322833'	0	10	10	0	10	10	0 Yes	0	Primary Over-Voltage
RRK064	5	'397322856_/397322853'	0	10	10	0	10	10	0 Yes	0	Primary Over-Voltage
RRK064	6	'397322876_/397322873'	0	10	10	0	10	10	0 Yes	0	Primary Over-Voltage
RRK064	7	'397322896_/397322893'	0	10	10	0	10	10	0 Yes	0	Primary Over-Voltage
RRK064	8	'397322916_/397322913'	0	10	10	0	10	10	0 Yes	0	Primary Over-Voltage
RRK064	9	'397322936_/397322933'	0	10	10	0	10	10	0 Yes	0	Primary Over-Voltage
RRK064	10	'397322956_/397322953'	0	10	10	0	10	10	0 Yes	0	Primary Over-Voltage
RRK064	11	'4454166_/397322973'	0	10	10	0	10	10	0 Yes	0	Primary Over-Voltage
RRK064	12	'424325492_/4454180_1'	0	10	10	0	10	10	0 Yes	0	Primary Over-Voltage
RRK064	13	'424325482_/412325053_2'	0	10	10	0	10	10	0 Yes	0	Primary Over-Voltage
RRK064	14	'412325071_/4454180_2'	0	10	10	0	10	10	0 Yes	0	Primary Over-Voltage
RRK064	15	'412325051_/412325053_1'	0	10	10	0	10	10	0 Yes	0	Primary Over-Voltage
RRK064	16	'4453640_/412325073'	0	10	10	0	10	10	0 Yes	0	Primary Over-Voltage
RRK064	17	'43516872_/43516874'	0	10	10	0	10	10	0 Yes	0	Primary Over-Voltage
RRK064	18	'4453641_/4453638'	0	10	10	0	10	10	0 Yes	0	Primary Over-Voltage
RRK064	19	'4454148_/4454146'	0	10	10	0	10	10	0 Yes	0	Primary Over-Voltage
RRK064	20	'4452247_/4453655'	0	10	10	0	10	10	0 Yes	0	Primary Over-Voltage
RRK064	21	'4453678_/4453675'	0	10	10	0	10	10	0 Yes	0	Primary Over-Voltage
RRK064	22	'43517366_/4454234'	0	10	10	0	10	10	0 Yes	0	Primary Over-Voltage
RRK064	23	'4452230_/4452245_1'	0	10	10	0	1.5	10	0 Yes	0	Primary Over-Voltage
RRK064	24	'4453695_/4453692'	0	10	10	0	10	10	0 Yes	0	Primary Over-Voltage
RRK064	25	'4462690_/4462704'	0	10	10	0	10	10	0 Yes	0	Primary Over-Voltage
RRK064	26	'4453712_/4453709'	0	10	10	0	10	10	0 Yes	0	Primary Over-Voltage
RRK064	27	'7323880_/8903862_1'	0	3.33	3.33	0	0.5	3.33	0 Yes	0	Primary Over-Voltage
RRK064	28	'4452231_/4452245_2'	0	10	10	0	1.5	10	0 Yes	0	Primary Over-Voltage
RRK064	29	'4462660_/4462687'	0	10	10	0	10	10	0 Yes	0	Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage	Regulator	Thermal	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
				Deviation	Deviation	Discharging				VSR (MW)	Limiting Threshold
RRK064	30	'4462659_/_4462657'	0		3.33	3.33	0	0.5	3.33	0 Yes	0 Primary Over-Voltage
RRK064	31	'4453729_/_4453726'	0		10	10	0	10	10	0 Yes	0 Primary Over-Voltage
RRK064	32	'4453814_/_4462670'	0		10	10	0	10	10	0 Yes	0 Primary Over-Voltage
RRK064	33	'4462760_/_4462774'	0		10	10	0	10	10	0 Yes	0 Primary Over-Voltage
RRK064	34	'4462759_/_4462814_2'	0		10	10	0	4.6	10	0 Yes	0 Primary Over-Voltage
RRK064	35	'4453797_/_4453811'	0		10	10	0	10	10	0 Yes	0 Primary Over-Voltage
RRK064	36	'7636616_/_7636614_1'	0		3.33	3.33	0	0.5	3.33	0 Yes	0 Primary Over-Voltage
RRK064	37	'4453745_/_4462794'	0		10	10	0	10	10	0 Yes	0 Primary Over-Voltage
RRK064	38	'43516421_/_4462724'	0		3.33	3.33	0	0.5	3.33	0 Yes	0 Primary Over-Voltage
RRK064	39	'4453780_/_4453794'	0		10	10	0	10	10	0 Yes	0 Primary Over-Voltage
RRK064	40	'4453746_/_4453743'	0		10	10	0	10	10	0 Yes	0 Primary Over-Voltage
RRK064	41	'4453779_/_4453777'	0		10	10	0	10	10	0 Yes	0 Primary Over-Voltage
RRK064	42	'4454091_/_4454089'	0		10	10	0	10	10	0 Yes	0 Primary Over-Voltage
RRK064	43	'4453763_/_4453760'	0		10	10	0	10	10	0 Yes	0 Primary Over-Voltage
RRK064	44	'4462727_/_43516423'	0		3.33	3.33	0	0.5	3.33	0 Yes	0 Primary Over-Voltage
RRK064	45	'4452966_/_4454109'	0		10	10	0	10	10	0 Yes	0 Primary Over-Voltage
RRK064	46	'43518616_/_43518618'	0		10	10	0	10	10	0 Yes	0 Primary Over-Voltage
RRK064	47	'4452965_/_4452963'	0		10	10	0	1.5	10	0 Yes	0 Primary Over-Voltage
RRK064	48	'4453603_/_4454129'	0		10	10	0	10	10	0 Yes	0 Primary Over-Voltage
RRK064	49	'7954946_/_7954944'	0		3.33	3.33	0	0.5	3.33	0 Yes	0 Primary Over-Voltage
RRK064	50	'4460824_/_4460858'	0		10	10	0	10	10	0 Yes	0 Primary Over-Voltage
RRK064	51	'4462742_/_4462814_1'	0		10	10	0	1.5	10	0 Yes	0 Primary Over-Voltage
RRK064	52	'4460807_/_4460821'	0		10	10	0	10	10	0 Yes	0 Primary Over-Voltage
RRK064	53	'4453604_/_4453601'	0		10	10	0	10	10	0 Yes	0 Primary Over-Voltage
RRK064	54	'4460840_/_4460838'	0		10	10	0	10	10	0 Yes	0 Primary Over-Voltage
RRK064	55	'4450966_/_4453621'	0		10	10	0	10	10	0 Yes	0 Primary Over-Voltage
RRK064	56	'43518629_/_43518631'	0		10	10	0	10	10	0 Yes	0 Primary Over-Voltage
RRK064	57	'43518605_/_4460805'	0		3.33	3.33	0	1.5	3.33	0 Yes	0 Primary Over-Voltage
RRK064	58	'4450967_/_4450964'	0		10	10	0	10	10	0 Yes	0 Primary Over-Voltage
RRK064	59	'43518642_/_43518644'	0		10	10	0	10	10	0 Yes	0 Primary Over-Voltage
RRK064	60	'4457014_/_4457011_1'	0		10	10	0	10	10	0 Yes	0 Primary Over-Voltage
RRK064	61	'4456993_/_4457011_2'	0		10	10	0	10	10	0 Yes	0 Primary Over-Voltage
RRK064	62	'4460907_/_4460921'	0		10	10	0	10	10	0 Yes	0 Primary Over-Voltage
RRK064	63	'4460894_/_4460892_1'	0		3.33	3.33	0	0.5	3.33	0 Yes	0 Primary Over-Voltage
RRK064	64	'4460808_/_43518607'	0		3.33	3.33	0	0.5	3.33	0 Yes	0 Primary Over-Voltage
RRK064	65	'4434396_/_4456991'	0		10	10	0	10	10	0 Yes	0 Primary Over-Voltage
RRK064	66	'4456390_/_4460938'	0		10	10	0	10	10	0 Yes	0 Primary Over-Voltage
RRK064	67	'43517741_/_4434437'	0		10	10	0	10	10	0 Yes	0 Primary Over-Voltage
RRK064	68	'4434457_/_4434488'	0		10	10	0	10	10	0 Yes	0 Primary Over-Voltage
RRK064	69	'276752359_/_276752356'	0		10	10	0	10	10	0 Yes	0 Primary Over-Voltage
RRK064	70	'4452268_/_4452265'	0		10	10	0	1.5	10	0 Yes	0 Primary Over-Voltage
RRK064	71	'276752379_/_276752376'	0		10	10	0	10	10	0 Yes	0 Primary Over-Voltage
RRK064	72	'43516432_/_4462740'	0		10	10	0	1.5	10	0 Yes	0 Primary Over-Voltage
RRK064	73	'4434397_/_4434407_1'	0		3.33	3.33	0	0.5	3.33	0 Yes	0 Primary Over-Voltage
RRK064	74	'43518594_/_4460892_2'	0		3.33	3.33	0	0.5	3.33	0 Yes	0 Primary Over-Voltage
RRK064	75	'276752549_/_4456421_1'	0		3.33	3.33	0	0.5	3.33	0 Yes	0 Primary Over-Voltage
RRK064	76	'4434423_/_4434420'	0		10	10	0	10	10	0 Yes	0 Primary Over-Voltage
RRK064	77	'276752399_/_276752396'	0		10	10	0	10	10	0 Yes	0 Primary Over-Voltage
RRK064	78	'43516408_/_4454271'	0		10	10	0	1.5	10	0 Yes	0 Primary Over-Voltage
RRK064	79	'392061754_/_276752616_1'	0		3.33	3.33	0	0.5	3.33	0 Yes	0 Primary Over-Voltage
RRK064	80	'4456265_/_276752416_1'	0		10	10	0	10	10	0 Yes	0 Primary Over-Voltage
RRK064	81	'276752419_/_276752416_2'	0		10	10	0	10	10	0 Yes	0 Primary Over-Voltage
RRK064	82	'4452773_/_4452770'	0		10	10	0	10	10	0 Yes	0 Primary Over-Voltage
RRK064	83	'43516395_/_43516397_1'	0		10	10	0	10	10	0 Yes	0 Primary Over-Voltage
RRK064	84	'276752579_/_276752616_2'	0		3.33	3.33	0	0.5	3.33	0 Yes	0 Primary Over-Voltage
RRK064	85	'4460895_/_43518596'	0		3.33	3.33	0	0.5	3.33	0 Yes	0 Primary Over-Voltage
RRK064	86	'43517029_/_4452790'	0		10	10	0	10	10	0 Yes	0 Primary Over-Voltage
RRK064	87	'518915552_/_518915495_1'	0		3.33	3.33	0	0.5	3.33	0 Yes	0 Primary Over-Voltage
RRK064	88	'4456301_/_4456299'	0		10	10	0	10	10	0 Yes	0 Primary Over-Voltage
RRK064	89	'4456370_/_4456387'	0		3.33	3.33	0	1.5	3.33	0 Yes	0 Primary Over-Voltage
RRK064	90	'4452844_/_43517031'	0		10	10	0	10	10	0 Yes	0 Primary Over-Voltage
RRK064	91	'43516445_/_4456316'	0		10	10	0	10	10	0 Yes	0 Primary Over-Voltage
RRK064	92	'56843974_/_4460017'	0		10	10	0	10	10	0 Yes	0 Primary Over-Voltage
RRK064	93	'4460020_/_56843976'	0		10	10	0	10	10	0 Yes	0 Primary Over-Voltage
RRK064	94	'4456336_/_4456350'	0		10	10	0	10	10	0 Yes	0 Primary Over-Voltage
RRK064	95	'56844072_/_56844049_1'	0		10	10	0	1.5	10	0 Yes	0 Primary Over-Voltage
RRK064	96	'4456424_/_4456421_2'	0		3.33	3.33	0	0.5	3.33	0 Yes	0 Primary Over-Voltage
RRK064	97	'7323365_/_7323363_1'	0		3.33	3.33	0	0.5	3.33	0 Yes	0 Primary Over-Voltage
RRK064	98	'43517294_/_4456333'	0		10	10	0	10	10	0 Yes	0 Primary Over-Voltage
RRK064	99	'4462743_/_43516434'	0		10	10	0	1.5	10	0 Yes	0 Primary Over-Voltage
RRK064	100	'43517042_/_4460034'	0		10	10	0	10	10	0 Yes	0 Primary Over-Voltage
RRK064	101	'4456225_/_43517282'	0		10	10	0	10	10	0 Yes	0 Primary Over-Voltage
RRK064	102	'4434410_/_4434407_2'	0		3.33	3.33	0	0.5	3.33	0 Yes	0 Primary Over-Voltage
RRK064	103	'8903865_/_8903862_2'	0		3.33	3.33	0	0.5	3.33	0 Yes	0 Primary Over-Voltage
RRK064	104	'43517267_/_156849986'	0		10	10	0	10	10	0 Yes	0 Primary Over-Voltage
RRK064	105	'220823692_/_220822997_1'	0		10	10	0	10	10	0 Yes	0 Primary Over-Voltage
RRK064	106	'4452861_/_43517044'	0		10	10	0	10	10	0 Yes	0 Primary Over-Voltage
RRK064	107	'4456226_/_4461884_2'	0		3.33	3.33	0	1.1	3.33	0 Yes	0 Primary Over-Voltage
RRK064	108	'4450106_/_43516410'	0		10	10	0	1.5	10	0 Yes	0 Primary Over-Voltage
RRK064	109	'43517318_/_4453060'	0		10	10	0	10	10	0 Yes	0 Primary Over-Voltage
RRK064	110	'8580965_/_8580962'	0		3.33	3.33	0	0.5	3.33	0 Yes	0 Primary Over-Voltage
RRK064	111	'43517055_/_43517320'	0		10	10	0	10	10	0 Yes	0 Primary Over-Voltage
RRK064	112	'4452288_/_4452285'	0		10	10	0	1.5	10	0 Yes	0 Primary Over-Voltage
RRK064	113	'246918982_/_220822997_2'	0		10	10	0	10	10	0 Yes	0 Primary Over-Voltage
RRK064	114	'7323366_/_7323363_2'	0		3.33	3.33	0	0.5	3.33	0 Yes	0 Primary Over-Voltage
RRK064	115	'43517390_/_220822997_3'	0		10	10	0	10	10	0 Yes	0 Primary Over-Voltage
RRK064	116	'4452380_/_43517057'	0		10	10	0	10	10	0 Yes	0 Primary Over-Voltage
RRK064	117	'220724216_/_220724218'	0		10	10	0	10	10	0 Yes	0 Primary Over-Voltage
RRK064	118	'4461500_/_4461627'	0		10	10	0	10	10	0 Yes	0 Primary Over-Voltage
RRK064	119	'4452409_/_4452807'	0		10	10	0	10	10	0 Yes	0 Primary Over-Voltage
RRK064	120	'4461596_/_4461610'	0		10	10	0	10	10	0 Yes	0 Primary Over-Voltage
RRK064	121	'4461463_/_4461460_2'	0		10	10	0	4.6	10	0 Yes	0 Primary Over-Voltage
RRK064	122	'4452381_/_4452378'	0		3.33	3.33	0	0.5	3.33	0 Yes	0 Primary Over-Voltage
RRK064	123	'220826606_/_220822893_2'	0		3.33	3.33	0	1.5	3.33	0 Yes	0 Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RRK064	124	'56844042_/56844049_2'	0	10	10	0	1.5	10	0 Yes	0	Primary Over-Voltage
RRK064	125	'4461579_/4461593'	0	10	10	0	10	10	0 Yes	0	Primary Over-Voltage
RRK064	126	'4452827_/4452824'	0	10	10	0	10	10	0 Yes	0	Primary Over-Voltage
RRK064	127	'4461443_/4461460_1'	0	10	10	0	2.3	10	0 Yes	0	Primary Over-Voltage
RRK064	128	'43517145_/4452926'	0	10	10	0	10	10	0 Yes	0	Primary Over-Voltage
RRK064	129	'4461873_/4461884_1'	0	3.33	3.33	0	0.5	3.33	0 Yes	0	Primary Over-Voltage
RRK064	130	'4461578_/4461576'	0	10	10	0	10	10	0 Yes	0	Primary Over-Voltage
RRK064	131	'4452895_/4452892'	0	10	10	0	10	10	0 Yes	0	Primary Over-Voltage
RRK064	132	'4450107_/4450104'	0	10	10	0	1.5	10	0 Yes	0	Primary Over-Voltage
RRK064	133	'43518735_/43518737'	0	10	10	0	10	10	0 Yes	0	Primary Over-Voltage
RRK064	134	'7957415_/7957413_1'	0	3.33	3.33	0	0.3	3.33	0 Yes	0	Primary Over-Voltage
RRK064	135	'4461646_/4461644'	0	10	10	0	10	10	0 Yes	0	Primary Over-Voltage
RRK064	136	'4452564_/4452909'	0	10	10	0	10	10	0 Yes	0	Primary Over-Voltage
RRK064	137	'43518909_/4435098'	0	3.33	3.33	0	0.5	3.33	0 Yes	0	Primary Over-Voltage
RRK064	138	'43518781_/4461440'	0	10	10	0	2.3	10	0 Yes	0	Primary Over-Voltage
RRK064	139	'43518833_/4461746'	0	10	10	0	10	10	0 Yes	0	Primary Over-Voltage
RRK064	140	'4452410_/43517081'	0	3.33	3.33	0	1.5	3.33	0 Yes	0	Primary Over-Voltage
RRK064	141	'4452535_/4452533_1'	0	3.33	3.33	0	0.5	3.33	0 Yes	0	Primary Over-Voltage
RRK064	142	'43517180_/4452946'	0	10	10	0	10	10	0 Yes	0	Primary Over-Voltage
RRK064	143	'418472882_/4434610'	0	10	10	0	10	10	0 Yes	0	Primary Over-Voltage
RRK064	144	'103464336_/220822893_1'	0	3.33	3.33	0	0.5	3.33	0 Yes	0	Primary Over-Voltage
RRK064	145	'4461766_/4461780'	0	10	10	0	10	10	0 Yes	0	Primary Over-Voltage
RRK064	146	'4434613_/418472892'	0	10	10	0	10	10	0 Yes	0	Primary Over-Voltage
RRK064	147	'43516885_/4452302'	0	10	10	0	1.5	10	0 Yes	0	Primary Over-Voltage
RRK064	148	'43518820_/43518822'	0	10	10	0	10	10	0 Yes	0	Primary Over-Voltage
RRK064	149	'43517193_/4434678'	0	10	10	0	10	10	0 Yes	0	Primary Over-Voltage
RRK064	150	'4461559_/4461729'	0	10	10	0	10	10	0 Yes	0	Primary Over-Voltage
RRK064	151	'4452536_/4452533_2'	0	3.33	3.33	0	0.5	3.33	0 Yes	0	Primary Over-Voltage
RRK064	152	'4461479_/4461477'	0	10	10	0	2.3	10	0 Yes	0	Primary Over-Voltage
RRK064	153	'4452393_/43517070'	0	3.33	3.33	0	0.5	3.33	0 Yes	0	Primary Over-Voltage
RRK064	154	'4461680_/4461678'	0	10	10	0	10	10	0 Yes	0	Primary Over-Voltage
RRK064	155	'4434629_/4434806'	0	10	10	0	10	10	0 Yes	0	Primary Over-Voltage
RRK064	156	'518915476_/518915495_2'	0	3.33	3.33	0	0.5	3.33	0 Yes	0	Primary Over-Voltage
RRK064	157	'4451662_/4451704_1'	0	3.33	3.33	0	0.5	3.33	0 Yes	0	Primary Over-Voltage
RRK064	158	'43518807_/43518809'	0	10	10	0	10	10	0 Yes	0	Primary Over-Voltage
RRK064	159	'7321517_/7955368'	0	10	10	0	1.5	10	0 Yes	0	Primary Over-Voltage
RRK064	160	'4434630_/4434627'	0	10	10	0	10	10	0 Yes	0	Primary Over-Voltage
RRK064	161	'434489332_/434489340'	0	10	10	0	10	10	0 Yes	0	Primary Over-Voltage
RRK064	162	'43738694_/7081973'	0	10	10	0	1.5	10	0 Yes	0	Primary Over-Voltage
RRK064	163	'43518794_/43518796'	0	10	10	0	10	10	0 Yes	0	Primary Over-Voltage
RRK064	164	'434489499_/434489428_1'	0	10	10	0	1.5	10	0 Yes	0	Primary Over-Voltage
RRK064	165	'4434647_/4434644'	0	10	10	0	10	10	0 Yes	0	Primary Over-Voltage
RRK064	166	'4461802_/4461800'	0	10	10	0	10	10	0 Yes	0	Primary Over-Voltage
RRK064	167	'4456238_/4461871'	0	3.33	3.33	0	0.5	3.33	0 Yes	0	Primary Over-Voltage
RRK064	168	'102780683_/4461834'	0	10	10	0	10	10	0 Yes	0	Primary Over-Voltage
RRK064	169	'50173643_/7957413_2'	0	3.33	3.33	0	0.3	3.33	0 Yes	0	Primary Over-Voltage
RRK064	170	'4451620_/4451630_1'	0	3.33	3.33	0	0.5	3.33	0 Yes	0	Primary Over-Voltage
RRK064	171	'102780770_/102780750_1'	0	10	10	0	1.5	10	0 Yes	0	Primary Over-Voltage
RRK064	172	'4461820_/102780692'	0	10	10	0	10	10	0 Yes	0	Primary Over-Voltage
RRK064	173	'43517206_/4434661'	0	10	10	0	10	10	0 Yes	0	Primary Over-Voltage
RRK064	174	'7957384_/8423646_1'	0	3.33	3.33	0	0.7	3.33	0 Yes	0	Primary Over-Voltage
RRK064	175	'661190277_/640507429_1'	0	10	10	0	10	10	0 Yes	0	Primary Over-Voltage
RRK064	176	'7955700_/7955698_1'	0	3.33	3.33	0	0.3	3.33	0 Yes	0	Primary Over-Voltage
RRK064	177	'6443828_/7081956'	0	10	10	0	2.3	10	0 Yes	0	Primary Over-Voltage
RRK064	178	'43516898_/4452319'	0	10	10	0	1.5	10	0 Yes	0	Primary Over-Voltage
RRK064	179	'7957692_/7957689'	0	3.33	3.33	0	0.3	3.33	0 Yes	0	Primary Over-Voltage
RRK064	180	'4461371_/4461817'	0	10	10	0	10	10	0 Yes	0	Primary Over-Voltage
RRK064	181	'640507432_/640507429_2'	0	10	10	0	10	10	0 Yes	0	Primary Over-Voltage
RRK064	182	'4451390_/4451704_2'	0	3.33	3.33	0	0.5	3.33	0 Yes	0	Primary Over-Voltage
RRK064	183	'432323733_/4461543'	0	3.33	3.33	0	1.2	3.33	0 Yes	0	Primary Over-Voltage
RRK064	184	'640507450_/640507447'	0	10	10	0	10	10	0 Yes	0	Primary Over-Voltage
RRK064	185	'4454801_/4461368'	0	10	10	0	10	10	0 Yes	0	Primary Over-Voltage
RRK064	186	'432323753_/432323735_1'	0	3.33	3.33	0	0.5	3.33	0 Yes	0	Primary Over-Voltage
RRK064	187	'7954963_/7954960'	0	3.33	3.33	0	0.5	3.33	0 Yes	0	Primary Over-Voltage
RRK064	188	'640507468_/640507465'	0	10	10	0	10	10	0 Yes	0	Primary Over-Voltage
RRK064	189	'7957708_/7957705'	0	3.33	3.33	0	0.3	3.33	0 Yes	0	Primary Over-Voltage
RRK064	190	'43517516_/43517518'	0	10	10	0	10	10	0 Yes	0	Primary Over-Voltage
RRK064	191	'640507486_/640507483'	0	10	10	0	10	10	0 Yes	0	Primary Over-Voltage
RRK064	192	'640507504_/640507501'	0	10	10	0	10	10	0 Yes	0	Primary Over-Voltage
RRK064	193	'640507680_/640507677'	0	10	10	0	10	10	0 Yes	0	Primary Over-Voltage
RRK064	194	'640507519_/640507550'	0	10	10	0	10	10	0 Yes	0	Primary Over-Voltage
RRK064	195	'640507698_/640507695'	0	10	10	0	10	10	0 Yes	0	Primary Over-Voltage
RRK064	196	'640508794_/640508757_1'	0	10	10	0	10	10	0 Yes	0	Primary Over-Voltage
RRK064	197	'4462897_/4462911'	0	10	10	0	10	10	0 Yes	0	Primary Over-Voltage
RRK064	198	'4452007_/640508757_2'	0	10	10	0	10	10	0 Yes	0	Primary Over-Voltage
RRK064	199	'108503941_/54599353_2'	0	10	10	0	10	10	0 Yes	0	Primary Over-Voltage
RRK064	200	'50746780_/43517355_2'	0	10	10	0	10	10	0 Yes	0	Primary Over-Voltage
RRK064	201	'640507716_/640507713'	0	10	10	0	10	10	0 Yes	0	Primary Over-Voltage
RRK064	202	'6443827_/6443825'	0	10	10	0	2.3	10	0 Yes	0	Primary Over-Voltage
RRK064	203	'43517353_/43517355_1'	0	10	10	0	3.3	10	0 Yes	0	Primary Over-Voltage
RRK064	204	'124057135_/124057132'	0	10	10	0	10	10	0 Yes	0	Primary Over-Voltage
RRK064	205	'129134392_/129134290_1'	0	10	10	0	2.3	10	0 Yes	0	Primary Over-Voltage
RRK064	206	'640507734_/640507731'	0	10	10	0	10	10	0 Yes	0	Primary Over-Voltage
RRK064	207	'8711616_/8711614_1'	0	3.33	3.33	0	0.5	3.33	0 Yes	0	Primary Over-Voltage
RRK064	208	'4451538_/640507525'	0	10	10	0	10	10	0 Yes	0	Primary Over-Voltage
RRK064	209	'124057152_/124057149'	0	10	10	0	10	10	0 Yes	0	Primary Over-Voltage
RRK064	210	'43517529_/43517531'	0	10	10	0	3.3	10	0 Yes	0	Primary Over-Voltage
RRK064	211	'434489409_/434489428_2'	0	10	10	0	1.5	10	0 Yes	0	Primary Over-Voltage
RRK064	212	'4451334_/4462964'	0	3.33	3.33	0	0.5	3.33	0 Yes	0	Primary Over-Voltage
RRK064	213	'255845088_/129134315_1'	0	3.33	3.33	0	0.5	3.33	0 Yes	0	Primary Over-Voltage
RRK064	214	'8273461_/8273458'	0	3.33	3.33	0	0.3	3.33	0 Yes	0	Primary Over-Voltage
RRK064	215	'640507752_/640507749'	0	10	10	0	10	10	0 Yes	0	Primary Over-Voltage
RRK064	216	'640508805_/640507884'	0	10	10	0	10	10	0 Yes	0	Primary Over-Voltage
RRK064	217	'7081976_/43738696'	0	10	10	0	1.5	10	0 Yes	0	Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
				Deviation						VSR (MW)	Limiting Threshold
RRK064	218	'128855497_/_124057166'	0	10	10	0	10	10	0	Yes	0 Primary Over-Voltage
RRK064	219	'128855874_/_128855533_1'	0	10	10	0	10	10	0	Yes	0 Primary Over-Voltage
RRK064	220	'4434855_/_4451387'	0	3.33	3.33	0	0.5	3.33	0	Yes	0 Primary Over-Voltage
RRK064	221	'6443252_/_7082116'	0	10	10	0	3.3	10	0	Yes	0 Primary Over-Voltage
RRK064	222	'70250754_/_6443292_2'	0	10	10	0	3.3	10	0	Yes	0 Primary Over-Voltage
RRK064	223	'640507887_/_640508809'	0	10	10	0	10	10	0	Yes	0 Primary Over-Voltage
RRK064	224	'640508905_/_640508846_1'	0	10	10	0	1.5	10	0	Yes	0 Primary Over-Voltage
RRK064	225	'70250766_/_6443266_1'	0	3.33	3.33	0	0.5	3.33	0	Yes	0 Primary Over-Voltage
RRK064	226	'102780739_/_102780750_2'	0	10	10	0	1.5	10	0	Yes	0 Primary Over-Voltage
RRK064	227	'602333440_/_596968545'	0	10	10	0	10	10	0	Yes	0 Primary Over-Voltage
RRK064	228	'7955701_/_7955698_2'	0	3.33	3.33	0	0.3	3.33	0	Yes	0 Primary Over-Voltage
RRK064	229	'640507905_/_640507902'	0	10	10	0	10	10	0	Yes	0 Primary Over-Voltage
RRK064	230	'6443294_/_6443292_1'	0	10	10	0	3.3	10	0	Yes	0 Primary Over-Voltage
RRK064	231	'65801507_/_129134290_2'	0	10	10	0	2.3	10	0	Yes	0 Primary Over-Voltage
RRK064	232	'4452322_/_43516900'	0	10	10	0	0.9	10	0	Yes	0 Primary Over-Voltage
RRK064	233	'640507923_/_640507920'	0	10	10	0	10	10	0	Yes	0 Primary Over-Voltage
RRK064	234	'8736429_/_8736426'	0	3.33	3.33	0	0.5	3.33	0	Yes	0 Primary Over-Voltage
RRK064	235	'51744416_/_51113515_2'	0	3.33	3.33	0	0.5	3.33	0	Yes	0 Primary Over-Voltage
RRK064	236	'4456239_/_4456236'	0	3.33	3.33	0	0.5	3.33	0	Yes	0 Primary Over-Voltage
RRK064	237	'43517588_/_596968572'	0	10	10	0	10	10	0	Yes	0 Primary Over-Voltage
RRK064	238	'43918094_/_43918096'	0	10	10	0	3.3	10	0	Yes	0 Primary Over-Voltage
RRK064	239	'640507941_/_640507938'	0	10	10	0	10	10	0	Yes	0 Primary Over-Voltage
RRK064	240	'4462836_/_129134315_2'	0	3.33	3.33	0	0.5	3.33	0	Yes	0 Primary Over-Voltage
RRK064	241	'51113513_/_51113515_1'	0	3.33	3.33	0	0.5	3.33	0	Yes	0 Primary Over-Voltage
RRK064	242	'640507957_/_640507954'	0	10	10	0	10	10	0	Yes	0 Primary Over-Voltage
RRK064	243	'6443314_/_6443312'	0	10	10	0	3.3	10	0	Yes	0 Primary Over-Voltage
RRK064	244	'43918340_/_43918342'	0	10	10	0	2.3	10	0	Yes	0 Primary Over-Voltage
RRK064	245	'6443268_/_6443266_2'	0	3.33	3.33	0	0.5	3.33	0	Yes	0 Primary Over-Voltage
RRK064	246	'640507975_/_640507972'	0	10	10	0	10	10	0	Yes	0 Primary Over-Voltage
RRK064	247	'596968622_/_596968597'	0	10	10	0	10	10	0	Yes	0 Primary Over-Voltage
RRK064	248	'43517158_/_4452549'	0	3.33	3.33	0	0.5	3.33	0	Yes	0 Primary Over-Voltage
RRK064	249	'8583013_/_8583010_3'	0	3.33	3.33	0	1.7	3.33	0	Yes	0 Primary Over-Voltage
RRK064	250	'6443348_/_6443395'	0	10	10	0	3.3	10	0	Yes	0 Primary Over-Voltage
RRK064	251	'4451632_/_4451630_2'	0	3.33	3.33	0	0.5	3.33	0	Yes	0 Primary Over-Voltage
RRK064	252	'4434545_/_640508846_2'	0	10	10	0	1.5	10	0	Yes	0 Primary Over-Voltage
RRK064	253	'4451335_/_4451332'	0	3.33	3.33	0	0.5	3.33	0	Yes	0 Primary Over-Voltage
RRK064	254	'661190139_/_8583010_2'	0	3.33	3.33	0	1.7	3.33	0	Yes	0 Primary Over-Voltage
RRK064	255	'4434944_/_596968620'	0	10	10	0	10	10	0	Yes	0 Primary Over-Voltage
RRK064	256	'640507991_/_640507988'	0	10	10	0	10	10	0	Yes	0 Primary Over-Voltage
RRK064	257	'86431732_/_6443346_1'	0	3.33	3.33	0	0.1	3.33	0	Yes	0 Primary Over-Voltage
RRK064	258	'640508917_/_640508948'	0	10	10	0	5.3	10	0	Yes	0 Primary Over-Voltage
RRK064	259	'4457415_/_640508006_1'	0	10	10	0	10	10	0	Yes	0 Primary Over-Voltage
RRK064	260	'7636948_/_432875453_1'	0	10	10	0	1.5	10	0	Yes	0 Primary Over-Voltage
RRK064	261	'4434854_/_43517309'	0	3.33	3.33	0	0.5	3.33	0	Yes	0 Primary Over-Voltage
RRK064	262	'4461404_/_432323735_2'	0	3.33	3.33	0	0.5	3.33	0	Yes	0 Primary Over-Voltage
RRK064	263	'640508993_/_7957445_2'	0	3.33	3.33	0	1.7	3.33	0	Yes	0 Primary Over-Voltage
RRK064	264	'6439331_/_6443375'	0	10	10	0	3.3	10	0	Yes	0 Primary Over-Voltage
RRK064	265	'640508009_/_640508006_2'	0	10	10	0	10	10	0	Yes	0 Primary Over-Voltage
RRK064	266	'596968656_/_596968653'	0	10	10	0	10	10	0	Yes	0 Primary Over-Voltage
RRK064	267	'6443349_/_6443346_2'	0	3.33	3.33	0	0.1	3.33	0	Yes	0 Primary Over-Voltage
RRK064	268	'596969276_/_43516950_1'	0	3.33	3.33	0	0.5	3.33	0	Yes	0 Primary Over-Voltage
RRK064	269	'640508027_/_640508024'	0	10	10	0	10	10	0	Yes	0 Primary Over-Voltage
RRK064	270	'65801595_/_65801615'	0	10	10	0	2.3	10	0	Yes	0 Primary Over-Voltage
RRK064	271	'43918219_/_43918221'	0	10	10	0	3.3	10	0	Yes	0 Primary Over-Voltage
RRK064	272	'8270139_/_438886176'	0	10	10	0	0.9	10	0	Yes	0 Primary Over-Voltage
RRK064	273	'659016669_/_640508042'	0	10	10	0	10	10	0	Yes	0 Primary Over-Voltage
RRK064	274	'54599349_/_54599353_1'	0	10	10	0	10	10	0	Yes	0 Primary Over-Voltage
RRK064	275	'7955338_/_7955336_1'	0	3.33	3.33	0	0.5	3.33	0	Yes	0 Primary Over-Voltage
RRK064	276	'43517123_/_596968676'	0	10	10	0	10	10	0	Yes	0 Primary Over-Voltage
RRK064	277	'8901429_/_8901426'	0	3.33	3.33	0	0.3	3.33	0	Yes	0 Primary Over-Voltage
RRK064	278	'43918232_/_43918234'	0	10	10	0	3.3	10	0	Yes	0 Primary Over-Voltage
RRK064	279	'640508063_/_640508060'	0	10	10	0	10	10	0	Yes	0 Primary Over-Voltage
RRK064	280	'8711617_/_8711614_2'	0	3.33	3.33	0	0.5	3.33	0	Yes	0 Primary Over-Voltage
RRK064	281	'6443844_/_6443842'	0	10	10	0	2.3	10	0	Yes	0 Primary Over-Voltage
RRK064	282	'640509068_/_640509008_1'	0	10	10	0	1.5	10	0	Yes	0 Primary Over-Voltage
RRK064	283	'640508081_/_640508078'	0	10	10	0	10	10	0	Yes	0 Primary Over-Voltage
RRK064	284	'43918245_/_6439345'	0	10	10	0	3.3	10	0	Yes	0 Primary Over-Voltage
RRK064	285	'4451590_/_596968699'	0	10	10	0	10	10	0	Yes	0 Primary Over-Voltage
RRK064	286	'8446821_/_8446818'	0	10	10	0	1.5	10	0	Yes	0 Primary Over-Voltage
RRK064	287	'4462837_/_43516722'	0	3.33	3.33	0	0.5	3.33	0	Yes	0 Primary Over-Voltage
RRK064	288	'640509145_/_640509077_1'	0	10	10	0	1.5	10	0	Yes	0 Primary Over-Voltage
RRK064	289	'43518870_/_640508096'	0	10	10	0	10	10	0	Yes	0 Primary Over-Voltage
RRK064	290	'319176221_/_319176201_1'	0	3.33	3.33	0	0.5	3.33	0	Yes	0 Primary Over-Voltage
RRK064	291	'447204819_/_640508321_1'	0	10	10	0	10	10	0	Yes	0 Primary Over-Voltage
RRK064	292	'6439297_/_6439311'	0	10	10	0	3.3	10	0	Yes	0 Primary Over-Voltage
RRK064	293	'661189847_/_661189808_1'	0	10	10	0	2.3	10	0	Yes	0 Primary Over-Voltage
RRK064	294	'43517134_/_596968722'	0	10	10	0	10	10	0	Yes	0 Primary Over-Voltage
RRK064	295	'4434900_/_640509008_2'	0	10	10	0	1.5	10	0	Yes	0 Primary Over-Voltage
RRK064	296	'596969229_/_8270596_1'	0	3.33	3.33	0	0.5	3.33	0	Yes	0 Primary Over-Voltage
RRK064	297	'473607538_/_456163950_1'	0	10	10	0	3.2	10	0	Yes	0 Primary Over-Voltage
RRK064	298	'67735368_/_67735241_1'	0	3.33	3.33	0	0.3	3.33	0	Yes	0 Primary Over-Voltage
RRK064	299	'640508324_/_640508321_2'	0	10	10	0	10	10	0	Yes	0 Primary Over-Voltage
RRK064	300	'596969605_/_4451688_1'	0	3.33	3.33	0	0.5	3.33	0	Yes	0 Primary Over-Voltage
RRK064	301	'4457551_/_640509077_2'	0	10	10	0	1.5	10	0	Yes	0 Primary Over-Voltage
RRK064	302	'6439280_/_6439294'	0	10	10	0	3.3	10	0	Yes	0 Primary Over-Voltage
RRK064	303	'43918083_/_6443279'	0	3.33	3.33	0	0.5	3.33	0	Yes	0 Primary Over-Voltage
RRK064	304	'596969317_/_43516961_1'	0	3.33	3.33	0	0.5	3.33	0	Yes	0 Primary Over-Voltage
RRK064	305	'661190054_/_640508339_1'	0	10	10	0	10	10	0	Yes	0 Primary Over-Voltage
RRK064	306	'445677492_/_444604809_1'	0	10	10	0	1.5	10	0	Yes	0 Primary Over-Voltage
RRK064	307	'4434943_/_43516950_2'	0	3.33	3.33	0	0.5	3.33	0	Yes	0 Primary Over-Voltage
RRK064	308	'640508342_/_640508339_2'	0	10	10	0	10	10	0	Yes	0 Primary Over-Voltage
RRK064	309	'7639278_/_7639276_1'	0	10	10	0	1.5	10	0	Yes	0 Primary Over-Voltage
RRK064	310	'51399514_/_51399448_2'	0	10	10	0	10	10	0	Yes	0 Primary Over-Voltage
RRK064	311	'65801549_/_65801602'	0	10	10	0	2.3	10	0	Yes	0 Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RRK064	312	'602332944_/602332941'	0	10	10	0	10	10	0 Yes	0	Primary Over-Voltage
RRK064	313	'4451737_/51399448_1'	0	10	10	0	10	10	0 Yes	0	Primary Over-Voltage
RRK064	314	'654661465_/602333053_1'	0	10	10	0	10	10	0 Yes	0	Primary Over-Voltage
RRK064	315	'43517932_/4451345'	0	3.33	3.33	0	0.5	3.33	0 Yes	0	Primary Over-Voltage
RRK064	316	'640508360_/640508357'	0	10	10	0	10	10	0 Yes	0	Primary Over-Voltage
RRK064	317	'7636617_/7636614_2'	0	3.33	3.33	0	0.5	3.33	0 Yes	0	Primary Over-Voltage
RRK064	318	'6439279_/6439277'	0	10	10	0	3.3	10	0 Yes	0	Primary Over-Voltage
RRK064	319	'43918208_/6443359'	0	3.33	3.33	0	0.1	3.33	0 Yes	0	Primary Over-Voltage
RRK064	320	'8423649_/8423646_2'	0	3.33	3.33	0	0.7	3.33	0 Yes	0	Primary Over-Voltage
RRK064	321	'4451690_/4451688_2'	0	3.33	3.33	0	0.5	3.33	0 Yes	0	Primary Over-Voltage
RRK064	322	'43516859_/4451734'	0	10	10	0	10	10	0 Yes	0	Primary Over-Voltage
RRK064	323	'661190089_/640508375_1'	0	10	10	0	10	10	0 Yes	0	Primary Over-Voltage
RRK064	324	'640508378_/640508375_2'	0	10	10	0	10	10	0 Yes	0	Primary Over-Voltage
RRK064	325	'4456252_/4456249'	0	3.33	3.33	0	0.5	3.33	0 Yes	0	Primary Over-Voltage
RRK064	326	'6443898_/6443896'	0	10	10	0	2.3	10	0 Yes	0	Primary Over-Voltage
RRK064	327	'4451757_/4451754'	0	10	10	0	10	10	0 Yes	0	Primary Over-Voltage
RRK064	328	'4434732_/43516861'	0	10	10	0	10	10	0 Yes	0	Primary Over-Voltage
RRK064	329	'43918283_/43918285'	0	10	10	0	3.3	10	0 Yes	0	Primary Over-Voltage
RRK064	330	'334147148_/52382695_2'	0	3.33	3.33	0	1.7	3.33	0 Yes	0	Primary Over-Voltage
RRK064	331	'640508396_/640508393'	0	10	10	0	10	10	0 Yes	0	Primary Over-Voltage
RRK064	332	'661189930_/640508411_1'	0	10	10	0	10	10	0 Yes	0	Primary Over-Voltage
RRK064	333	'4457448_/640508411_2'	0	10	10	0	10	10	0 Yes	0	Primary Over-Voltage
RRK064	334	'9214287_/9526396_1'	0	10	10	0	1.5	10	0 Yes	0	Primary Over-Voltage
RRK064	335	'661190327_/661189866_1'	0	10	10	0	1.5	10	0 Yes	0	Primary Over-Voltage
RRK064	336	'4451677_/43516961_2'	0	3.33	3.33	0	0.5	3.33	0 Yes	0	Primary Over-Voltage
RRK064	337	'4461403_/4461401'	0	3.33	3.33	0	0.5	3.33	0 Yes	0	Primary Over-Voltage
RRK064	338	'7321453_/7321451_1'	0	3.33	3.33	0	0.5	3.33	0 Yes	0	Primary Over-Voltage
RRK064	339	'43518759_/4461514'	0	3.33	3.33	0	0.5	3.33	0 Yes	0	Primary Over-Voltage
RRK064	340	'4451935_/4451933'	0	10	10	0	10	10	0 Yes	0	Primary Over-Voltage
RRK064	341	'640508414_/640508411_3'	0	10	10	0	10	10	0 Yes	0	Primary Over-Voltage
RRK064	342	'7321502_/9214400_1'	0	3.33	3.33	0	1.7	3.33	0 Yes	0	Primary Over-Voltage
RRK064	343	'8085889_/8400608_1'	0	3.33	3.33	0	0.7	3.33	0 Yes	0	Primary Over-Voltage
RRK064	344	'43918270_/43918272'	0	10	10	0	3.3	10	0 Yes	0	Primary Over-Voltage
RRK064	345	'6443520_/6443530'	0	10	10	0	3.3	10	0 Yes	0	Primary Over-Voltage
RRK064	346	'334147182_/52382970_2'	0	3.33	3.33	0	1.7	3.33	0 Yes	0	Primary Over-Voltage
RRK064	347	'7955339_/7955336_2'	0	3.33	3.33	0	0.5	3.33	0 Yes	0	Primary Over-Voltage
RRK064	348	'8270551_/8578072_1'	0	3.33	3.33	0	0.5	3.33	0 Yes	0	Primary Over-Voltage
RRK064	349	'640508432_/640508429'	0	10	10	0	10	10	0 Yes	0	Primary Over-Voltage
RRK064	350	'51399579_/51399576'	0	10	10	0	10	10	0 Yes	0	Primary Over-Voltage
RRK064	351	'43516981_/640508447'	0	10	10	0	10	10	0 Yes	0	Primary Over-Voltage
RRK064	352	'7764831_/9685484'	0	3.33	3.33	0	0.7	3.33	0 Yes	0	Primary Over-Voltage
RRK064	353	'469826671_/640508459'	0	10	10	0	10	10	0 Yes	0	Primary Over-Voltage
RRK064	354	'396616374_/396256147_1'	0	10	10	0	3.3	10	0 Yes	0	Primary Over-Voltage
RRK064	355	'51113545_/51113564'	0	3.33	3.33	0	0.5	3.33	0 Yes	0	Primary Over-Voltage
RRK064	356	'4451364_/43517934'	0	3.33	3.33	0	0.5	3.33	0 Yes	0	Primary Over-Voltage
RRK064	357	'4451493_/469826683'	0	10	10	0	10	10	0 Yes	0	Primary Over-Voltage
RRK064	358	'43516911_/4454531'	0	10	10	0	10	10	0 Yes	0	Primary Over-Voltage
RRK064	359	'602332996_/602333053_2'	0	10	10	0	10	10	0 Yes	0	Primary Over-Voltage
RRK064	360	'602332991_/602332994'	0	10	10	0	10	10	0 Yes	0	Primary Over-Voltage
RRK064	361	'602332990_/602332988'	0	10	10	0	10	10	0 Yes	0	Primary Over-Voltage
RRK064	362	'602333002_/602333000'	0	10	10	0	0	10	0 Yes	0	Primary Over-Voltage
RRK064	363	'602333008_/602333006'	0	10	10	0	2.3	10	0 Yes	0	Primary Over-Voltage
RRK064	364	'4451646_/4451643'	0	3.33	3.33	0	0.5	3.33	0 Yes	0	Primary Over-Voltage
RRK064	365	'6443916_/6443930'	0	10	10	0	2.3	10	0 Yes	0	Primary Over-Voltage
RRK064	366	'102989105_/102989102'	0	10	10	0	10	10	0 Yes	0	Primary Over-Voltage
RRK064	367	'655219699_/396255356_3'	0	10	10	0	10	10	0 Yes	0	Primary Over-Voltage
RRK064	368	'602333088_/602333126'	0	10	10	0	0	10	0 Yes	0	Primary Over-Voltage
RRK064	369	'52811383_/52811385'	0	10	10	0	10	10	0 Yes	0	Primary Over-Voltage
RRK064	370	'7957399_/9531076'	0	3.33	3.33	0	0.3	3.33	0 Yes	0	Primary Over-Voltage
RRK064	371	'444604790_/444604809_2'	0	10	10	0	1.5	10	0 Yes	0	Primary Over-Voltage
RRK064	372	'6443282_/43918085'	0	3.33	3.33	0	0.5	3.33	0 Yes	0	Primary Over-Voltage
RRK064	373	'599715874_/599715890'	0	10	10	0	0	10	0 Yes	0	Primary Over-Voltage
RRK064	374	'4452552_/43517160'	0	3.33	3.33	0	0.5	3.33	0 Yes	0	Primary Over-Voltage
RRK064	375	'4451885_/4451899'	0	10	10	0	10	10	0 Yes	0	Primary Over-Voltage
RRK064	376	'4451865_/4451882'	0	10	10	0	10	10	0 Yes	0	Primary Over-Voltage
RRK064	377	'55028156_/52811461_1'	0	3.33	3.33	0	0.3	3.33	0 Yes	0	Primary Over-Voltage
RRK064	378	'55028160_/52811684_2'	0	3.33	3.33	0	1.4	3.33	0 Yes	0	Primary Over-Voltage
RRK064	379	'4464315_/7081993'	0	3.33	3.33	0	0.5	3.33	0 Yes	0	Primary Over-Voltage
RRK064	380	'432875449_/432875453_2'	0	10	10	0	1.5	10	0 Yes	0	Primary Over-Voltage
RRK064	381	'4460782_/4460779'	0	3.33	3.33	0	0.5	3.33	0 Yes	0	Primary Over-Voltage
RRK064	382	'616555838_/616555854'	0	10	10	0	2.3	10	0 Yes	0	Primary Over-Voltage
RRK064	383	'7957400_/7957397'	0	3.33	3.33	0	0.3	3.33	0 Yes	0	Primary Over-Voltage
RRK064	384	'4451848_/4451862'	0	10	10	0	10	10	0 Yes	0	Primary Over-Voltage
RRK064	385	'8270534_/9526480_2'	0	3.33	3.33	0	1.7	3.33	0 Yes	0	Primary Over-Voltage
RRK064	386	'8578058_/8578056_2'	0	3.33	3.33	0	1.7	3.33	0 Yes	0	Primary Over-Voltage
RRK064	387	'7957243_/7957241_1'	0	3.33	3.33	0	0.3	3.33	0 Yes	0	Primary Over-Voltage
RRK064	388	'6443882_/6443913'	0	10	10	0	2.3	10	0 Yes	0	Primary Over-Voltage
RRK064	389	'101832665_/101832599_1'	0	3.33	3.33	0	0.5	3.33	0 Yes	0	Primary Over-Voltage
RRK064	390	'319176183_/319176201_2'	0	3.33	3.33	0	0.5	3.33	0 Yes	0	Primary Over-Voltage
RRK064	391	'7636913_/8900770_1'	0	3.33	3.33	0	0.5	3.33	0 Yes	0	Primary Over-Voltage
RRK064	392	'4451831_/4451845'	0	10	10	0	10	10	0 Yes	0	Primary Over-Voltage
RRK064	393	'65801385_/65801388'	0	10	10	0	2.3	10	0 Yes	0	Primary Over-Voltage
RRK064	394	'7639263_/7639276_2'	0	10	10	0	1.5	10	0 Yes	0	Primary Over-Voltage
RRK064	395	'4451377_/4451374'	0	3.33	3.33	0	0.5	3.33	0 Yes	0	Primary Over-Voltage
RRK064	396	'67735230_/67735241_2'	0	3.33	3.33	0	0.3	3.33	0 Yes	0	Primary Over-Voltage
RRK064	397	'6443503_/6443501'	0	10	10	0	2.8	10	0 Yes	0	Primary Over-Voltage
RRK064	398	'7957464_/8583010_1'	0	3.33	3.33	0	0.7	3.33	0 Yes	0	Primary Over-Voltage
RRK064	399	'4434868_/4451828'	0	10	10	0	10	10	0 Yes	0	Primary Over-Voltage
RRK064	400	'7323461_/7957241_2'	0	3.33	3.33	0	0.3	3.33	0 Yes	0	Primary Over-Voltage
RRK064	401	'9657555_/9657553_1'	0	3.33	3.33	0	0.5	3.33	0 Yes	0	Primary Over-Voltage
RRK064	402	'4434867_/4434865'	0	10	10	0	10	10	0 Yes	0	Primary Over-Voltage
RRK064	403	'65801473_/65801628'	0	10	10	0	2.3	10	0 Yes	0	Primary Over-Voltage
RRK064	404	'8900805_/9526416_1'	0	3.33	3.33	0	0.5	3.33	0 Yes	0	Primary Over-Voltage
RRK064	405	'139181402_/6443660_2'	0	6.67	6.67	0	1.8	6.67	0 Yes	0	Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RRK064	406	'141538852_/_8028807_1'	0	3.33	3.33	0	0.7	3.33	0 Yes	0	Primary Over-Voltage
RRK064	407	'40373852_/_9710872'	0	10	10	0	1.5	10	0 Yes	0	Primary Over-Voltage
RRK064	408	'4461429_/_43518761'	0	3.33	3.33	0	0.5	3.33	0 Yes	0	Primary Over-Voltage
RRK064	409	'4434998_/_4434996'	0	10	10	0	10	10	0 Yes	0	Primary Over-Voltage
RRK064	410	'456163930_/_456163950_2'	0	10	10	0	3.2	10	0 Yes	0	Primary Over-Voltage
RRK064	411	'7637001_/_8580574_1'	0	3.33	3.33	0	0.7	3.33	0 Yes	0	Primary Over-Voltage
RRK064	412	'52382693_/_52382695_1'	0	3.33	3.33	0	0.7	3.33	0 Yes	0	Primary Over-Voltage
RRK064	413	'319176241_/_319176259'	0	3.33	3.33	0	0.5	3.33	0 Yes	0	Primary Over-Voltage
RRK064	414	'7764832_/_7764829'	0	3.33	3.33	0	0.7	3.33	0 Yes	0	Primary Over-Voltage
RRK064	415	'471629289_/_455435216_1'	0	3.33	3.33	0	0.5	3.33	0 Yes	0	Primary Over-Voltage
RRK064	416	'8270598_/_8270596_2'	0	3.33	3.33	0	0.5	3.33	0 Yes	0	Primary Over-Voltage
RRK064	417	'7324195_/_8583666'	0	3.07	6.67	0	1	6.67	0 Yes	0	Primary Over-Voltage
RRK064	418	'65801427_/_65801641'	0	10	10	0	2.3	10	0 Yes	0	Primary Over-Voltage
RRK064	419	'7321454_/_7321451_2'	0	3.33	3.33	0	0.5	3.33	0 Yes	0	Primary Over-Voltage
RRK064	420	'447204839_/_447204858'	0	10	10	0	3.2	10	0 Yes	0	Primary Over-Voltage
RRK064	421	'43918070_/_43918072'	0	10	10	0	2.3	10	0 Yes	0	Primary Over-Voltage
RRK064	422	'43517919_/_43517921'	0	10	10	0	10	10	0 Yes	0	Primary Over-Voltage
RRK064	423	'654661507_/_4464313'	0	3.33	3.33	0	0.5	3.33	0 Yes	0	Primary Over-Voltage
RRK064	424	'57926668_/_57926671'	0	10	10	0	2.3	10	0 Yes	0	Primary Over-Voltage
RRK064	425	'57926707_/_57926710'	0	10	10	0	2.3	10	0 Yes	0	Primary Over-Voltage
RRK064	426	'8577978_/_8578056_1'	0	3.33	3.33	0	0.7	3.33	0 Yes	0	Primary Over-Voltage
RRK064	427	'7323462_/_7323459'	0	3.33	3.33	0	0.3	3.33	0 Yes	0	Primary Over-Voltage
RRK064	428	'4464316_/_9218528_1'	0	3.33	3.33	0	0.3	3.33	0 Yes	0	Primary Over-Voltage
RRK064	429	'7321365_/_9526480_1'	0	3.33	3.33	0	0.5	3.33	0 Yes	0	Primary Over-Voltage
RRK064	430	'8400610_/_8400608_2'	0	3.33	3.33	0	0.7	3.33	0 Yes	0	Primary Over-Voltage
RRK064	431	'43517906_/_4435081'	0	10	10	0	10	10	0 Yes	0	Primary Over-Voltage
RRK064	432	'9214403_/_9214400_2'	0	3.33	3.33	0	1.7	3.33	0 Yes	0	Primary Over-Voltage
RRK064	433	'396256278_/_396256282'	0	6.67	6.67	0	2.2	6.67	0 Yes	0	Primary Over-Voltage
RRK064	434	'4460739_/_4460792'	0	3.33	3.33	0	0.5	3.33	0 Yes	0	Primary Over-Voltage
RRK064	435	'8765118_/_44100061'	0	9.9	10	0	1.5	10	0 Yes	0	Primary Over-Voltage
RRK064	436	'396256143_/_396256147_2'	0	10	10	0	3.3	10	0 Yes	0	Primary Over-Voltage
RRK064	437	'7957447_/_7957445_1'	0	3.33	3.33	0	0.7	3.33	0 Yes	0	Primary Over-Voltage
RRK064	438	'43517893_/_4435064'	0	10	10	0	10	10	0 Yes	0	Primary Over-Voltage
RRK064	439	'4435016_/_4435030'	0	10	10	0	10	10	0 Yes	0	Primary Over-Voltage
RRK064	440	'43517880_/_4435013'	0	10	10	0	10	10	0 Yes	0	Primary Over-Voltage
RRK064	441	'52811454_/_52811461_2'	0	3.33	3.33	0	0.3	3.33	0 Yes	0	Primary Over-Voltage
RRK064	442	'4462509_/_4462541_2'	0	10	10	0	10	10	0 Yes	0	Primary Over-Voltage
RRK064	443	'597020601_/_597020305_1'	0	3.33	3.33	0	0.7	3.33	0 Yes	0	Primary Over-Voltage
RRK064	444	'8903438_/_9216618'	0	3.33	3.33	0	0.3	3.33	0 Yes	0	Primary Over-Voltage
RRK064	445	'7637016_/_8903076_2'	0	3.33	3.33	0	1.4	3.33	0 Yes	0	Primary Over-Voltage
RRK064	446	'8903439_/_8903436'	0	3.33	3.33	0	0.3	3.33	0 Yes	0	Primary Over-Voltage
RRK064	447	'6442816_/_6442833'	0	10	10	0	2.3	10	0 Yes	0	Primary Over-Voltage
RRK064	448	'7764300_/_7764297'	0	3.33	3.33	0	0.4	3.33	0 Yes	0	Primary Over-Voltage
RRK064	449	'8765119_/_8765116'	0	9.1	10	0	1.5	10	0 Yes	0	Primary Over-Voltage
RRK064	450	'8120977_/_9657553_2'	0	3.33	3.33	0	0.5	3.33	0 Yes	0	Primary Over-Voltage
RRK064	451	'51113619_/_51113645'	0	3.2	3.33	0	0.5	3.33	0 Yes	0	Primary Over-Voltage
RRK064	452	'447205069_/_447204913'	0	10	10	0	3.2	10	0 Yes	0	Primary Over-Voltage
RRK064	453	'396255383_/_396255427'	0	10	10	0	3.3	10	0 Yes	0	Primary Over-Voltage
RRK064	454	'470071099_/_470071115'	0	10	10	0	3.2	10	0 Yes	0	Primary Over-Voltage
RRK064	455	'7321366_/_7321363'	0	3.33	3.33	0	0.5	3.33	0 Yes	0	Primary Over-Voltage
RRK064	456	'343495497_/_9526396_2'	0	9.7	10	0	1.5	10	0 Yes	0	Primary Over-Voltage
RRK064	457	'43518770_/_4461427'	0	3.33	3.33	0	0.5	3.33	0 Yes	0	Primary Over-Voltage
RRK064	458	'483376799_/_483376849'	0	10	10	0	3.2	10	0 Yes	0	Primary Over-Voltage
RRK064	459	'7957463_/_7957461'	0	3.33	3.33	0	0.7	3.33	0 Yes	0	Primary Over-Voltage
RRK064	460	'7483373_/_8743460'	0	10	10	0	2.3	10	0 Yes	0	Primary Over-Voltage
RRK064	461	'43918057_/_43918059'	0	9.6	10	0	2.3	10	0 Yes	0	Primary Over-Voltage
RRK064	462	'52382754_/_52382970_1'	0	2.93	3.33	0	0.5	3.33	0 Yes	0	Primary Over-Voltage
RRK064	463	'4460740_/_4460737'	0	3.33	3.33	0	0.5	3.33	0 Yes	0	Primary Over-Voltage
RRK064	464	'101832588_/_101832599_2'	0	3.33	3.33	0	0.5	3.33	0 Yes	0	Primary Over-Voltage
RRK064	465	'52811658_/_52811684_1'	0	3.23	3.33	0	0.3	3.33	0 Yes	0	Primary Over-Voltage
RRK064	466	'67735311_/_67735322'	0	3.33	3.33	0	0.3	3.33	0 Yes	0	Primary Over-Voltage
RRK064	467	'9218531_/_9218528_2'	0	3.33	3.33	0	0.3	3.33	0 Yes	0	Primary Over-Voltage
RRK064	468	'7764703_/_8711678'	0	3.33	3.33	0	0.7	3.33	0 Yes	0	Primary Over-Voltage
RRK064	469	'7764704_/_7764701'	0	3.33	3.33	0	0.7	3.33	0 Yes	0	Primary Over-Voltage
RRK064	470	'8583028_/_8583026'	0	3	3.33	0	0.7	3.33	0 Yes	0	Primary Over-Voltage
RRK064	471	'7483405_/_7483402'	0	10	10	0	2.3	10	0 Yes	0	Primary Over-Voltage
RRK064	472	'6418966_/_6442796'	0	8.9	10	0	2.3	10	0 Yes	0	Primary Over-Voltage
RRK064	473	'52382636_/_52382716'	0	2.67	3.33	0	0.7	3.33	0 Yes	0	Primary Over-Voltage
RRK064	474	'483376815_/_483376864'	0	9.9	10	0	3.2	10	0 Yes	0	Primary Over-Voltage
RRK064	475	'43518583_/_4460750'	0	3.23	3.33	0	0.5	3.33	0 Yes	0	Primary Over-Voltage
RRK064	476	'483376825_/_483376879'	0	9.9	10	0	3.2	10	0 Yes	0	Primary Over-Voltage
RRK064	477	'52811503_/_52811510'	0	2.83	3.33	0	0.3	3.33	0 Yes	0	Primary Over-Voltage
RRK064	478	'7321382_/_7321379'	0	2.9	3.33	0	0.5	3.33	0 Yes	0	Primary Over-Voltage
RRK064	479	'8582484_/_8903076_1'	0	3.33	3.33	0	0.7	3.33	0 Yes	0	Primary Over-Voltage
RRK064	480	'36339819_/_44085201'	0	10	10	0	2.3	10	0 Yes	0	Primary Over-Voltage
RRK064	481	'8580577_/_8580574_2'	0	3.13	3.33	0	0.7	3.33	0 Yes	0	Primary Over-Voltage
RRK064	482	'8120976_/_8120974'	0	3.33	3.33	0	0.5	3.33	0 Yes	0	Primary Over-Voltage
RRK064	483	'6418965_/_6418963'	0	8.3	10	0	2.3	10	0 Yes	0	Primary Over-Voltage
RRK064	484	'39682987_/_44095181'	0	3.33	3.33	0	0.5	3.33	0 Yes	0	Primary Over-Voltage
RRK064	485	'51113607_/_51113664'	0	2.5	3.33	0	0.5	3.33	0 Yes	0	Primary Over-Voltage
RRK064	486	'8400319_/_9657409_1'	0	2.77	3.33	0	0.5	3.33	0 Yes	0	Primary Over-Voltage
RRK064	487	'8577962_/_8577976'	0	2.73	3.33	0	0.7	3.33	0 Yes	0	Primary Over-Voltage
RRK064	488	'4461430_/_43518772'	0	3.1	3.33	0	0.5	3.33	0 Yes	0	Primary Over-Voltage
RRK064	489	'67640660_/_8749924'	0	3.33	3.33	0	0.5	3.33	0 Yes	0	Primary Over-Voltage
RRK064	490	'7955306_/_8578008'	0	2.5	3.33	0	0.5	3.33	0 Yes	0	Primary Over-Voltage
RRK064	491	'90287804_/_90287809'	0	3.33	3.33	0	0.7	3.33	0 Yes	0	Primary Over-Voltage
RRK064	492	'9343022_/_9343020'	0	2.77	3.33	0	0.7	3.33	0 Yes	0	Primary Over-Voltage
RRK064	493	'90287846_/_90287857'	0	3.2	3.33	0	0.7	3.33	0 Yes	0	Primary Over-Voltage
RRK064	494	'8900773_/_8900770_2'	0	2.63	3.33	0	0.5	3.33	0 Yes	0	Primary Over-Voltage
RRK064	495	'8400690_/_9657795'	0	2.73	3.33	0	0.7	3.33	0 Yes	0	Primary Over-Voltage
RRK064	496	'45051824_/_4460766'	0	2.97	3.33	0	0.5	3.33	0 Yes	0	Primary Over-Voltage
RRK064	497	'53336059_/_53336027_1'	0	2.93	3.33	0	0.3	3.33	0 Yes	0	Primary Over-Voltage
RRK064	498	'7451354_/_8400704'	0	2.97	3.33	0	0.7	3.33	0 Yes	0	Primary Over-Voltage
RRK064	499	'90287667_/_90287871'	0	3.1	3.33	0	0.7	3.33	0 Yes	0	Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RRK064	500	'483376835_/483376894'	0	8.2	10	0	3.2	10	0	Yes	0 Primary Over-Voltage
RRK064	501	'8400335_/9657393'	0	2.63	3.33	0	0.4	3.33	0	Yes	0 Primary Over-Voltage
RRK064	502	'6418938_/6418980'	0	7.8	10	0	2.3	10	0	Yes	0 Primary Over-Voltage
RRK064	503	'8578075_/8578072_2'	0	2.4	3.33	0	0.5	3.33	0	Yes	0 Primary Over-Voltage
RRK064	504	'8711324_/8711322_1'	0	2.6	3.33	0	0.5	3.33	0	Yes	0 Primary Over-Voltage
RRK064	505	'52382785_/52382792'	0	2.33	3.33	0	0.5	3.33	0	Yes	0 Primary Over-Voltage
RRK064	506	'7636896_/455435216_2'	0	2.67	3.33	0	0.5	3.33	0	Yes	0 Primary Over-Voltage
RRK064	507	'9526419_/9526416_2'	0	2.57	3.33	0	0.5	3.33	0	Yes	0 Primary Over-Voltage
RRK064	508	'52811596_/52811665'	0	2.43	3.33	0	0.3	3.33	0	Yes	0 Primary Over-Voltage
RRK064	509	'7638749_/9216766'	0	2.43	3.33	0	0.7	3.33	0	Yes	0 Primary Over-Voltage
RRK064	510	'53336020_/53336027_2'	0	2.8	3.33	0	0.3	3.33	0	Yes	0 Primary Over-Voltage
RRK064	511	'489315248_/489315252'	0	7.7	10	0	3.2	10	0	Yes	0 Primary Over-Voltage
RRK064	512	'37796035_/8577924'	0	7	10	0	1.5	10	0	Yes	0 Primary Over-Voltage
RRK064	513	'37796028_/37796032'	0	7	10	0	1.5	10	0	Yes	0 Primary Over-Voltage
RRK064	514	'37796063_/37796060'	0	7	10	0	1.5	10	0	Yes	0 Primary Over-Voltage
RRK064	515	'37796049_/37796053'	0	7	10	0	1.5	10	0	Yes	0 Primary Over-Voltage
RRK064	516	'37796021_/37796025'	0	7	10	0	1.5	10	0	Yes	0 Primary Over-Voltage
RRK064	517	'6418920_/6418935'	0	7.5	10	0	2.3	10	0	Yes	0 Primary Over-Voltage
RRK064	518	'9216785_/9216782'	0	2.33	3.33	0	0.7	3.33	0	Yes	0 Primary Over-Voltage
RRK064	519	'55364596_/7955304'	0	2.23	3.33	0	0.5	3.33	0	Yes	0 Primary Over-Voltage
RRK064	520	'8900789_/8900786'	0	2.37	3.33	0	0.5	3.33	0	Yes	0 Primary Over-Voltage
RRK064	521	'6418905_/6418917'	0	7.4	10	0	2.3	10	0	Yes	0 Primary Over-Voltage
RRK064	522	'7957992_/7957989'	0	4.9	10	0	1.5	10	0	Yes	0 Primary Over-Voltage
RRK064	523	'6443633_/6443660_1'	0	6	6.67	0	1.5	6.67	0	Yes	0 Primary Over-Voltage
RRK064	524	'52811534_/52811541'	0	2.27	3.33	0	0.3	3.33	0	Yes	0 Primary Over-Voltage
RRK064	525	'67640773_/67640784'	0	3.27	3.33	0	0.5	3.33	0	Yes	0 Primary Over-Voltage
RRK064	526	'8273181_/9531092'	0	2.27	3.33	0	0.7	3.33	0	Yes	0 Primary Over-Voltage
RRK064	527	'6443634_/6443631'	0	2.93	3.33	0	0.75	3.33	0	Yes	0 Primary Over-Voltage
RRK064	528	'8577963_/8577960'	0	2.27	3.33	0	0.7	3.33	0	Yes	0 Primary Over-Voltage
RRK064	529	'7636833_/7636830'	0	2.27	3.33	0	0.5	3.33	0	Yes	0 Primary Over-Voltage
RRK064	530	'70813056_/52811572_1'	0	2.13	3.33	0	0.3	3.33	0	Yes	0 Primary Over-Voltage
RRK064	531	'51113557_/51113626'	0	2.13	3.33	0	0.5	3.33	0	Yes	0 Primary Over-Voltage
RRK064	532	'52382608_/52382643'	0	2.13	3.33	0	0.7	3.33	0	Yes	0 Primary Over-Voltage
RRK064	533	'7451355_/7451352'	0	2.6	3.33	0	0.7	3.33	0	Yes	0 Primary Over-Voltage
RRK064	534	'8400691_/8400688'	0	2.4	3.33	0	0.7	3.33	0	Yes	0 Primary Over-Voltage
RRK064	535	'8028810_/8028807_2'	0	3.13	3.33	0	0.7	3.33	0	Yes	0 Primary Over-Voltage
RRK064	536	'6418952_/6418950'	0	2.37	3.33	0	0.77	3.33	0	Yes	0 Primary Over-Voltage
RRK064	537	'6418884_/6418902'	0	4.73	6.67	0	1.53	6.67	0	Yes	0 Primary Over-Voltage
RRK064	538	'8711325_/8711322_2'	0	2.33	3.33	0	0.5	3.33	0	Yes	0 Primary Over-Voltage
RRK064	539	'7321537_/7955204'	0	2.2	3.33	0	0.5	3.33	0	Yes	0 Primary Over-Voltage
RRK064	540	'52382533_/52382535'	0	2.07	3.33	0	0.7	3.33	0	Yes	0 Primary Over-Voltage
RRK064	541	'51113482_/51113583'	0	2.07	3.33	0	0.5	3.33	0	Yes	0 Primary Over-Voltage
RRK064	542	'7636897_/455435245'	0	2.27	3.33	0	0.5	3.33	0	Yes	0 Primary Over-Voltage
RRK064	543	'52382561_/52382587'	0	2.03	3.33	0	0.7	3.33	0	Yes	0 Primary Over-Voltage
RRK064	544	'52811565_/52811603'	0	2.13	3.33	0	0.3	3.33	0	Yes	0 Primary Over-Voltage
RRK064	545	'7764283_/9657409_2'	0	2.27	3.33	0	0.5	3.33	0	Yes	0 Primary Over-Voltage
RRK064	546	'5850560_/8582482'	0	2.37	3.33	0	0.7	3.33	0	Yes	0 Primary Over-Voltage
RRK064	547	'52382508_/52382568'	0	2.03	3.33	0	0.7	3.33	0	Yes	0 Primary Over-Voltage
RRK064	548	'489315291_/489315347'	0	6.6	10	0	3.2	10	0	Yes	0 Primary Over-Voltage
RRK064	549	'489315284_/489315288'	0	6.6	10	0	3.2	10	0	Yes	0 Primary Over-Voltage
RRK064	550	'489315303_/489315300'	0	2.2	3.33	0	0.5	3.33	0	Yes	0 Primary Over-Voltage
RRK064	551	'489315285_/489315282'	0	2.2	3.33	0	0.5	3.33	0	Yes	0 Primary Over-Voltage
RRK064	552	'489315297_/489315294'	0	6.6	10	0	3.2	10	0	Yes	0 Primary Over-Voltage
RRK064	553	'8900977_/9526560'	0	2.07	3.33	0	0.5	3.33	0	Yes	0 Primary Over-Voltage
RRK064	554	'7324196_/7324193'	0	5	10	0	1.5	10	0	Yes	0 Primary Over-Voltage
RRK064	555	'7955407_/597020305_2'	0	2.33	3.33	0	0.7	3.33	0	Yes	0 Primary Over-Voltage
RRK064	556	'56877279_/56877284'	0	2.27	3.33	0	0.7	3.33	0	Yes	0 Primary Over-Voltage
RRK064	557	'6418646_/6418881'	0	4.53	6.67	0	1.53	6.67	0	Yes	0 Primary Over-Voltage
RRK064	558	'8900992_/9526592'	0	2.13	3.33	0	0.7	3.33	0	Yes	0 Primary Over-Voltage
RRK064	559	'55364862_/55364888'	0	1.97	3.33	0	0.5	3.33	0	Yes	0 Primary Over-Voltage
RRK064	560	'67640713_/67640798'	0	2.67	3.33	0	0.5	3.33	0	Yes	0 Primary Over-Voltage
RRK064	561	'6444155_/6444153'	0	2.17	3.33	0	0.77	3.33	0	Yes	0 Primary Over-Voltage
RRK064	562	'7957480_/8273178'	0	2	3.33	0	0.7	3.33	0	Yes	0 Primary Over-Voltage
RRK064	563	'9342526_/9657377'	0	2.17	3.33	0	0.5	3.33	0	Yes	0 Primary Over-Voltage
RRK064	564	'8028777_/9657779'	0	2.63	3.33	0	0.7	3.33	0	Yes	0 Primary Over-Voltage
RRK064	565	'69876369_/56877365'	0	2.2	3.33	0	0.7	3.33	0	Yes	0 Primary Over-Voltage
RRK064	566	'37795979_/7955284'	0	5.8	10	0	1.5	10	0	Yes	0 Primary Over-Voltage
RRK064	567	'37795972_/37795976'	0	5.8	10	0	1.5	10	0	Yes	0 Primary Over-Voltage
RRK064	568	'37795965_/37795969'	0	5.8	10	0	1.5	10	0	Yes	0 Primary Over-Voltage
RRK064	569	'37795993_/37795997'	0	5.8	10	0	1.5	10	0	Yes	0 Primary Over-Voltage
RRK064	570	'37796007_/37796004'	0	5.8	10	0	1.5	10	0	Yes	0 Primary Over-Voltage
RRK064	571	'7639262_/7639260'	0	2.73	3.33	0	0.5	3.14	0	Yes	0 Primary Over-Voltage
RRK064	572	'6443608_/6443647'	0	4.87	6.67	0	1.5	6.67	0	Yes	0 Primary Over-Voltage
RRK064	573	'8270486_/9214320'	0	2	3.33	0	0.5	3.33	0	Yes	0 Primary Over-Voltage
RRK064	574	'8400334_/8400332'	0	2.13	3.33	0	0.4	3.33	0	Yes	0 Primary Over-Voltage
RRK064	575	'391244551_/43918309_1'	0	2.33	3.33	0	0.1	3.33	0	Yes	0 Primary Over-Voltage
RRK064	576	'489315402_/489315432'	0	6	10	0	3.2	10	0	Yes	0 Primary Over-Voltage
RRK064	577	'489316637_/489315499'	0	2	3.33	0	0.5	3.33	0	Yes	0 Primary Over-Voltage
RRK064	578	'54598417_/54598419'	0	1.9	3.33	0	0.7	3.33	0	Yes	0 Primary Over-Voltage
RRK064	579	'7764799_/8028775'	0	2.5	3.33	0	0.7	3.33	0	Yes	0 Primary Over-Voltage
RRK064	580	'8900976_/8900974'	0	1.87	3.33	0	0.5	3.33	0	Yes	0 Primary Over-Voltage
RRK064	581	'7957944_/8904010'	0	2.73	3.33	0	0.5	3.07	0	Yes	0 Primary Over-Voltage
RRK064	582	'37795923_/7321411'	0	5.6	10	0	1.5	10	0	Yes	0 Primary Over-Voltage
RRK064	583	'8273788_/9531592'	0	5.1	10	0	1.5	10	0	Yes	0 Primary Over-Voltage
RRK064	584	'37795916_/37795920'	0	5.6	10	0	1.5	10	0	Yes	0 Primary Over-Voltage
RRK064	585	'37795951_/37795948'	0	5.6	10	0	1.5	10	0	Yes	0 Primary Over-Voltage
RRK064	586	'37795937_/37795941'	0	5.6	10	0	1.5	10	0	Yes	0 Primary Over-Voltage
RRK064	587	'37795909_/37795913'	0	5.6	10	0	1.5	10	0	Yes	0 Primary Over-Voltage
RRK064	588	'6418631_/6418643'	0	4.13	6.67	0	1.53	6.67	0	Yes	0 Primary Over-Voltage
RRK064	589	'61697444_/6418661_2'	0	2.07	3.33	0	0.77	3.33	0	Yes	0 Primary Over-Voltage
RRK064	590	'69876448_/69876455'	0	2.07	3.33	0	0.7	3.33	0	Yes	0 Primary Over-Voltage
RRK064	591	'396256341_/396256360'	0	2.73	3.33	0	1.1	2.92	0	Yes	0 Primary Over-Voltage
RRK064	592	'7639298_/8583750'	0	5.1	10	0	1.5	10	0	Yes	0 Primary Over-Voltage
RRK064	593	'9214307_/9214304'	0	1.87	3.33	0	0.7	3.33	0	Yes	0 Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RRK064	594	'8900820_/_9526432'	0	1.9	3.33	0	0.5	3.33	0	Yes	0 Primary Over-Voltage
RRK064	595	'7639299_/_7639296'	0	5.1	10	0	1.5	10	0	Yes	0 Primary Over-Voltage
RRK064	596	'8270743_/_8580558'	0	2	3.33	0	0.7	3.33	0	Yes	0 Primary Over-Voltage
RRK064	597	'7324119_/_7958009'	0	5.1	10	0	1.5	10	0	Yes	0 Primary Over-Voltage
RRK064	598	'6418630_/_6418628'	0	4	6.67	0	1.53	6.67	0	Yes	0 Primary Over-Voltage
RRK064	599	'529882534_/_529882550'	0	1.9	3.33	0	0.5	3.33	0	Yes	0 Primary Over-Voltage
RRK064	600	'55364830_/_55364869'	0	1.77	3.33	0	0.5	3.33	0	Yes	0 Primary Over-Voltage
RRK064	601	'43918023_/_43918025'	0	2	3.33	0	0.77	3.33	0	Yes	0 Primary Over-Voltage
RRK064	602	'7764800_/_7764797'	0	2.33	3.33	0	0.7	3.33	0	Yes	0 Primary Over-Voltage
RRK064	603	'6443595_/_6443605'	0	4.27	6.67	0	1.5	6.67	0	Yes	0 Primary Over-Voltage
RRK064	604	'8270727_/_597020314'	0	1.93	3.33	0	0.7	3.33	0	Yes	0 Primary Over-Voltage
RRK064	605	'54599420_/_55364832'	0	1.73	3.33	0	0.5	3.33	0	Yes	0 Primary Over-Voltage
RRK064	606	'8711260_/_9342524'	0	1.93	3.33	0	0.5	3.33	0	Yes	0 Primary Over-Voltage
RRK064	607	'6418664_/_6418661_1'	0	1.97	3.33	0	0.5	3.33	0	Yes	0 Primary Over-Voltage
RRK064	608	'7637909_/_8899434'	0	1.7	3.33	0	0.7	3.33	0	Yes	0 Primary Over-Voltage
RRK064	609	'452758455_/_452758473'	0	5.2	10	0	1.5	10	0	Yes	0 Primary Over-Voltage
RRK064	610	'51744248_/_51744321'	0	1.73	3.33	0	0.5	3.33	0	Yes	0 Primary Over-Voltage
RRK064	611	'7324120_/_7324117'	0	5.1	10	0	1.5	10	0	Yes	0 Primary Over-Voltage
RRK064	612	'69876471_/_69876478'	0	1.93	3.33	0	0.7	3.33	0	Yes	0 Primary Over-Voltage
RRK064	613	'7764688_/_67640718'	0	2.23	3.33	0	0.5	3.33	0	Yes	0 Primary Over-Voltage
RRK064	614	'7483372_/_7483370'	0	3.33	3.33	0	0.77	3.22	0	Yes	0 Primary Over-Voltage
RRK064	615	'529882642_/_529882650'	0	1.8	3.33	0	0.5	3.33	0	Yes	0 Primary Over-Voltage
RRK064	616	'665785090_/_665785094'	0	1.93	3.33	0	0.7	3.33	0	Yes	0 Primary Over-Voltage
RRK064	617	'473797799_/_473797855'	0	5.4	10	0	3.2	10	0	Yes	0 Primary Over-Voltage
RRK064	618	'473797792_/_473797796'	0	5.4	10	0	3.2	10	0	Yes	0 Primary Over-Voltage
RRK064	619	'473797793_/_473797790'	0	1.8	3.33	0	0.5	3.33	0	Yes	0 Primary Over-Voltage
RRK064	620	'473797811_/_473797808'	0	1.8	3.33	0	0.5	3.33	0	Yes	0 Primary Over-Voltage
RRK064	621	'473797805_/_473797802'	0	5.4	10	0	3.2	10	0	Yes	0 Primary Over-Voltage
RRK064	622	'6443620_/_43918309_2'	0	2.03	3.33	0	0.1	3.33	0	Yes	0 Primary Over-Voltage
RRK064	623	'6418616_/_6439233'	0	3.8	6.67	0	1.53	6.67	0	Yes	0 Primary Over-Voltage
RRK064	624	'8900993_/_8900990'	0	1.77	3.33	0	0.7	3.33	0	Yes	0 Primary Over-Voltage
RRK064	625	'7483388_/_7741237'	0	3.33	3.33	0	0.77	3.18	0	Yes	0 Primary Over-Voltage
RRK064	626	'54598449_/_54598456'	0	1.7	3.33	0	0.7	3.33	0	Yes	0 Primary Over-Voltage
RRK064	627	'7321538_/_7321535'	0	1.73	3.33	0	0.5	3.33	0	Yes	0 Primary Over-Voltage
RRK064	628	'7957943_/_7957941'	0	2.73	3.33	0	0.5	2.89	0	Yes	0 Primary Over-Voltage
RRK064	629	'7637288_/_9526860'	0	1.73	3.33	0	0.7	3.33	0	Yes	0 Primary Over-Voltage
RRK064	630	'55364919_/_55364950'	0	1.67	3.33	0	0.5	3.33	0	Yes	0 Primary Over-Voltage
RRK064	631	'7639319_/_7639316'	0	5.2	10	0	1.5	10	0	Yes	0 Primary Over-Voltage
RRK064	632	'8270175_/_8580410'	0	5.4	10	0	3.3	10	0	Yes	0 Primary Over-Voltage
RRK064	633	'489315483_/_489316666'	0	1.73	3.33	0	0.5	3.33	0	Yes	0 Primary Over-Voltage
RRK064	634	'7321433_/_7321431'	0	5	10	0	1.5	10	0	Yes	0 Primary Over-Voltage
RRK064	635	'7483389_/_7483386'	0	3.33	3.33	0	0.77	3.15	0	Yes	0 Primary Over-Voltage
RRK064	636	'43917979_/_6442648'	0	1.87	3.33	0	0.5	3.33	0	Yes	0 Primary Over-Voltage
RRK064	637	'536140335_/_536140339'	0	5.2	10	0	3.2	10	0	Yes	0 Primary Over-Voltage
RRK064	638	'6442732_/_6444169'	0	1.83	3.33	0	0.77	3.33	0	Yes	0 Primary Over-Voltage
RRK064	639	'52382816_/_52382823'	0	1.63	3.33	0	0.5	3.33	0	Yes	0 Primary Over-Voltage
RRK064	640	'9030145_/_9343100'	0	2.1	3.33	0	0.7	3.33	0	Yes	0 Primary Over-Voltage
RRK064	641	'8085793_/_8085807_2'	0	1.83	3.33	0	0.77	3.33	0	Yes	0 Primary Over-Voltage
RRK064	642	'8270615_/_9531108'	0	1.67	3.33	0	0.7	3.33	0	Yes	0 Primary Over-Voltage
RRK064	643	'8270663_/_8270660'	0	1.67	3.33	0	0.5	3.33	0	Yes	0 Primary Over-Voltage
RRK064	644	'8580528_/_597020323'	0	1.77	3.33	0	0.7	3.33	0	Yes	0 Primary Over-Voltage
RRK064	645	'7956855_/_455435269'	0	1.73	3.33	0	0.5	3.33	0	Yes	0 Primary Over-Voltage
RRK064	646	'6443582_/_6443592_2'	0	3.87	6.67	0	1.5	6.67	0	Yes	0 Primary Over-Voltage
RRK064	647	'54598480_/_54598487'	0	1.63	3.33	0	0.7	3.33	0	Yes	0 Primary Over-Voltage
RRK064	648	'6418601_/_6418613'	0	3.6	6.67	0	1.53	6.67	0	Yes	0 Primary Over-Voltage
RRK064	649	'7764284_/_7764281'	0	1.8	3.33	0	0.5	3.33	0	Yes	0 Primary Over-Voltage
RRK064	650	'43918296_/_6443592_1'	0	3.8	6.67	0	1.5	6.67	0	Yes	0 Primary Over-Voltage
RRK064	651	'504319163_/_536140390'	0	5	10	0	3.2	10	0	Yes	0 Primary Over-Voltage
RRK064	652	'7324156_/_7324153'	0	5.2	10	0	1.5	10	0	Yes	0 Primary Over-Voltage
RRK064	653	'7957959_/_7957957'	0	2.73	3.33	0	0.5	2.8	0	Yes	0 Primary Over-Voltage
RRK064	654	'54599389_/_55364921'	0	1.57	3.33	0	0.5	3.33	0	Yes	0 Primary Over-Voltage
RRK064	655	'8580529_/_597020332'	0	1.7	3.33	0	0.7	3.33	0	Yes	0 Primary Over-Voltage
RRK064	656	'9214470_/_9214468'	0	1.57	3.33	0	0.5	3.33	0	Yes	0 Primary Over-Voltage
RRK064	657	'7764720_/_7764717'	0	1.87	3.33	0	0.7	3.33	0	Yes	0 Primary Over-Voltage
RRK064	658	'6418676_/_43917981'	0	1.8	3.33	0	0.5	3.33	0	Yes	0 Primary Over-Voltage
RRK064	659	'69876405_/_69876618'	0	1.77	3.33	0	0.7	3.33	0	Yes	0 Primary Over-Voltage
RRK064	660	'8577862_/_419387246'	0	1.63	3.33	0	0.7	3.33	0	Yes	0 Primary Over-Voltage
RRK064	661	'489315525_/_489315541'	0	1.63	3.33	0	0.5	3.33	0	Yes	0 Primary Over-Voltage
RRK064	662	'6418810_/_6418807'	0	1.77	3.33	0	0.77	3.33	0	Yes	0 Primary Over-Voltage
RRK064	663	'37975237_/_8711258'	0	1.73	3.33	0	0.5	3.33	0	Yes	0 Primary Over-Voltage
RRK064	664	'37975196_/_37975235'	0	1.73	3.33	0	0.5	3.33	0	Yes	0 Primary Over-Voltage
RRK064	665	'37975203_/_37975207'	0	1.73	3.33	0	0.5	3.33	0	Yes	0 Primary Over-Voltage
RRK064	666	'37975189_/_37975193'	0	1.73	3.33	0	0.5	3.33	0	Yes	0 Primary Over-Voltage
RRK064	667	'37975217_/_37975221'	0	1.73	3.33	0	0.5	3.33	0	Yes	0 Primary Over-Voltage
RRK064	668	'56877313_/_69876410'	0	1.77	3.33	0	0.7	3.33	0	Yes	0 Primary Over-Voltage
RRK064	669	'52382847_/_52382854'	0	1.53	3.33	0	0.5	3.33	0	Yes	0 Primary Over-Voltage
RRK064	670	'7324175_/_8583714'	0	5.2	10	0	1.5	10	0	Yes	0 Primary Over-Voltage
RRK064	671	'8270487_/_8270484'	0	1.6	3.33	0	0.5	3.33	0	Yes	0 Primary Over-Voltage
RRK064	672	'7324176_/_7324173'	0	5.2	10	0	1.5	10	0	Yes	0 Primary Over-Voltage
RRK064	673	'6418823_/_6418820'	0	1.73	3.33	0	0.77	3.33	0	Yes	0 Primary Over-Voltage
RRK064	674	'8085553_/_8085567'	0	1.73	3.33	0	0.5	3.33	0	Yes	0 Primary Over-Voltage
RRK064	675	'9217353_/_9217350'	0	5.2	10	0	1.5	10	0	Yes	0 Primary Over-Voltage
RRK064	676	'536140317_/_536140379'	0	4.8	10	0	3.2	10	0	Yes	0 Primary Over-Voltage
RRK064	677	'6442731_/_6442729'	0	1.73	3.33	0	0.77	3.33	0	Yes	0 Primary Over-Voltage
RRK064	678	'7324103_/_9531540'	0	5.2	10	0	1.5	10	0	Yes	0 Primary Over-Voltage
RRK064	679	'8711340_/_8711338'	0	1.7	3.33	0	0.4	3.33	0	Yes	0 Primary Over-Voltage
RRK064	680	'6442719_/_6442716'	0	1.73	3.33	0	0.77	3.33	0	Yes	0 Primary Over-Voltage
RRK064	681	'489315587_/_489315603'	0	1.57	3.33	0	0.5	3.33	0	Yes	0 Primary Over-Voltage
RRK064	682	'7764752_/_7764749'	0	1.77	3.33	0	0.7	3.33	0	Yes	0 Primary Over-Voltage
RRK064	683	'6418677_/_6418674'	0	1.73	3.33	0	0.5	3.33	0	Yes	0 Primary Over-Voltage
RRK064	684	'8270614_/_8270612'	0	1.53	3.33	0	0.7	3.33	0	Yes	0 Primary Over-Voltage
RRK064	685	'6418583_/_6418598'	0	3.4	6.67	0	1.53	6.67	0	Yes	0 Primary Over-Voltage
RRK064	686	'7955158_/_8577860'	0	1.57	3.33	0	0.7	3.33	0	Yes	0 Primary Over-Voltage
RRK064	687	'504319203_/_536140321'	0	4.6	10	0	3.2	10	0	Yes	0 Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RRK064	688	'8085809_/_8085807_1'	0	1.67	3.33	0	0.5	3.33	0	Yes	0 Primary Over-Voltage
RRK064	689	'54598511_/_54598518'	0	1.5	3.33	0	0.7	3.33	0	Yes	0 Primary Over-Voltage
RRK064	690	'56877301_/_56877346'	0	1.7	3.33	0	0.7	3.33	0	Yes	0 Primary Over-Voltage
RRK064	691	'51112998_/_51113000'	0	1.5	3.33	0	0.5	3.33	0	Yes	0 Primary Over-Voltage
RRK064	692	'69464887_/_7764685'	0	1.87	3.33	0	0.5	3.33	0	Yes	0 Primary Over-Voltage
RRK064	693	'489315634_/_489315650'	0	1.53	3.33	0	0.5	3.33	0	Yes	0 Primary Over-Voltage
RRK064	694	'7637908_/_7637906'	0	1.47	3.33	0	0.7	3.33	0	Yes	0 Primary Over-Voltage
RRK064	695	'401047338_/_401047342'	0	4.6	10	0	3.3	9.94	0	Yes	0 Primary Over-Voltage
RRK064	696	'69464966_/_69464996'	0	1.83	3.33	0	0.5	3.33	0	Yes	0 Primary Over-Voltage
RRK064	697	'6443569_/_6443579'	0	3.4	6.67	0	1.5	6.67	0	Yes	0 Primary Over-Voltage
RRK064	698	'8272656_/_8900818'	0	1.5	3.33	0	0.5	3.33	0	Yes	0 Primary Over-Voltage
RRK064	699	'55364782_/_54599427'	0	1.43	3.33	0	0.5	3.33	0	Yes	0 Primary Over-Voltage
RRK064	700	'52382878_/_52382885'	0	1.43	3.33	0	0.5	3.33	0	Yes	0 Primary Over-Voltage
RRK064	701	'69464925_/_69464977'	0	1.8	3.33	0	0.5	3.33	0	Yes	0 Primary Over-Voltage
RRK064	702	'8085554_/_8085551'	0	1.63	3.33	0	0.5	3.33	0	Yes	0 Primary Over-Voltage
RRK064	703	'43917128_/_6418687'	0	1.67	3.33	0	0.5	3.33	0	Yes	0 Primary Over-Voltage
RRK064	704	'54598542_/_54598549'	0	1.47	3.33	0	0.7	3.33	0	Yes	0 Primary Over-Voltage
RRK064	705	'51113344_/_51113352'	0	1.43	3.33	0	0.5	3.33	0	Yes	0 Primary Over-Voltage
RRK064	706	'8273674_/_9217314'	0	5.2	10	0	1.5	9.88	0	Yes	0 Primary Over-Voltage
RRK064	707	'403642047_/_9657537_1'	0	1.67	3.33	0	0.5	3.33	0	Yes	0 Primary Over-Voltage
RRK064	708	'52434602_/_51113371'	0	1.43	3.33	0	0.5	3.33	0	Yes	0 Primary Over-Voltage
RRK064	709	'56877269_/_56877323'	0	1.6	3.33	0	0.7	3.33	0	Yes	0 Primary Over-Voltage
RRK064	710	'472688332_/_401047440'	0	4.4	10	0	3.3	9.58	0	Yes	0 Primary Over-Voltage
RRK064	711	'504319066_/_504319241'	0	4.3	10	0	3.2	9.7	0	Yes	0 Primary Over-Voltage
RRK064	712	'8903323_/_9530784'	0	1.43	3.33	0	0.7	3.26	0	Yes	0 Primary Over-Voltage
RRK064	713	'504319261_/_504319082_2'	0	4.3	10	0	3.2	9.67	0	Yes	0 Primary Over-Voltage
RRK064	714	'7639339_/_9217334'	0	2.73	3.33	0	0.5	2.55	0	Yes	0 Primary Over-Voltage
RRK064	715	'6418568_/_6418580'	0	3.13	6.67	0	1.53	6.67	0	Yes	0 Primary Over-Voltage
RRK064	716	'9030033_/_9030031'	0	1.57	3.33	0	0.5	3.33	0	Yes	0 Primary Over-Voltage
RRK064	717	'473797878_/_473797896'	0	1.43	3.33	0	0.5	3.22	0	Yes	0 Primary Over-Voltage
RRK064	718	'7636881_/_9214252'	0	1.37	3.33	0	0.7	3.28	0	Yes	0 Primary Over-Voltage
RRK064	719	'8028825_/_8711662'	0	1.63	3.33	0	0.7	3.32	0	Yes	0 Primary Over-Voltage
RRK064	720	'8085874_/_8085871'	0	1.57	3.33	0	0.5	3.33	0	Yes	0 Primary Over-Voltage
RRK064	721	'9030097_/_9030143'	0	1.73	3.33	0	0.7	3.23	0	Yes	0 Primary Over-Voltage
RRK064	722	'7955159_/_7955156'	0	1.43	3.33	0	0.7	3.19	0	Yes	0 Primary Over-Voltage
RRK064	723	'43917133_/_43917130'	0	1.6	3.33	0	0.5	3.29	0	Yes	0 Primary Over-Voltage
RRK064	724	'6442690_/_6442687_1'	0	1.53	3.33	0	0.5	3.33	0	Yes	0 Primary Over-Voltage
RRK064	725	'54598573_/_54598580'	0	1.4	3.33	0	0.7	3.2	0	Yes	0 Primary Over-Voltage
RRK064	726	'416388411_/_472688374'	0	4.2	10	0	3.3	9.35	0	Yes	0 Primary Over-Voltage
RRK064	727	'43918001_/_6442687_2'	0	1.53	3.33	0	0.5	3.32	0	Yes	0 Primary Over-Voltage
RRK064	728	'9029905_/_9029903'	0	1.53	3.33	0	0.5	3.32	0	Yes	0 Primary Over-Voltage
RRK064	729	'489315666_/_489315682'	0	1.4	3.33	0	0.5	3.15	0	Yes	0 Primary Over-Voltage
RRK064	730	'7764608_/_9657521'	0	1.53	3.33	0	0.4	3.32	0	Yes	0 Primary Over-Voltage
RRK064	731	'49201549_/_64433566'	0	3.13	6.67	0	1.5	6.46	0	Yes	0 Primary Over-Voltage
RRK064	732	'7479845_/_8423858'	0	1.53	3.33	0	0.7	3.3	0	Yes	0 Primary Over-Voltage
RRK064	733	'9657540_/_9657537_2'	0	1.57	3.33	0	0.5	3.22	0	Yes	0 Primary Over-Voltage
RRK064	734	'55364754_/_55364809'	0	1.33	3.33	0	0.5	3.17	0	Yes	0 Primary Over-Voltage
RRK064	735	'243516943_/_8085775_2'	0	1.53	3.33	0	0.75	3.21	0	Yes	0 Primary Over-Voltage
RRK064	736	'52434628_/_52434654'	0	1.37	3.33	0	0.5	3.2	0	Yes	0 Primary Over-Voltage
RRK064	737	'489316699_/_489315714'	0	1.37	3.33	0	0.5	3.1	0	Yes	0 Primary Over-Voltage
RRK064	738	'6418567_/_6418565'	0	3	6.67	0	1.53	6.51	0	Yes	0 Primary Over-Voltage
RRK064	739	'7637289_/_7637286'	0	1.37	3.33	0	0.7	3.12	0	Yes	0 Primary Over-Voltage
RRK064	740	'7764624_/_9030047'	0	1.5	3.33	0	0.5	3.25	0	Yes	0 Primary Over-Voltage
RRK064	741	'9030001_/_9029999_1'	0	1.5	3.33	0	0.5	3.25	0	Yes	0 Primary Over-Voltage
RRK064	742	'6443198_/_6443195'	0	1.53	3.33	0	0.75	3.18	0	Yes	0 Primary Over-Voltage
RRK064	743	'8583633_/_8583630_1'	0	5.2	10	0	1.5	9.22	0	Yes	0 Primary Over-Voltage
RRK064	744	'4457570_/_8583630_2'	0	5.2	10	0	1.5	9.2	0	Yes	0 Primary Over-Voltage
RRK064	745	'473798075_/_473798095'	0	1.37	3.33	0	0.5	3.06	0	Yes	0 Primary Over-Voltage
RRK064	746	'7956856_/_276578025'	0	1.37	3.33	0	0.5	3.04	0	Yes	0 Primary Over-Voltage
RRK064	747	'473797922_/_473797938'	0	1.37	3.33	0	0.5	3.04	0	Yes	0 Primary Over-Voltage
RRK064	748	'43917990_/_43918003'	0	1.47	3.33	0	0.5	3.19	0	Yes	0 Primary Over-Voltage
RRK064	749	'7304648_/_8903320'	0	1.33	3.33	0	0.7	3.06	0	Yes	0 Primary Over-Voltage
RRK064	750	'401047294_/_401047401'	0	4.2	10	0	3.3	8.92	0	Yes	0 Primary Over-Voltage
RRK064	751	'9030098_/_9030095'	0	1.6	3.33	0	0.7	3.04	0	Yes	0 Primary Over-Voltage
RRK064	752	'43918045_/_43918047'	0	2.93	6.67	0	1.53	6.29	0	Yes	0 Primary Over-Voltage
RRK064	753	'52382909_/_52382916'	0	1.3	3.33	0	0.5	3.05	0	Yes	0 Primary Over-Voltage
RRK064	754	'7764607_/_7764605'	0	1.47	3.33	0	0.4	3.15	0	Yes	0 Primary Over-Voltage
RRK064	755	'54598609_/_54598616'	0	1.3	3.33	0	0.7	3.01	0	Yes	0 Primary Over-Voltage
RRK064	756	'7764687_/_69464930'	0	1.57	3.33	0	0.5	3.01	0	Yes	0 Primary Over-Voltage
RRK064	757	'52434570_/_52434635'	0	1.3	3.33	0	0.5	3.07	0	Yes	0 Primary Over-Voltage
RRK064	758	'7451338_/_8028823'	0	1.5	3.33	0	0.7	3.06	0	Yes	0 Primary Over-Voltage
RRK064	759	'529882716_/_529882746'	0	1.3	3.33	0	0.5	2.95	0	Yes	0 Primary Over-Voltage
RRK064	760	'7955175_/_7955172'	0	1.3	3.33	0	0.7	2.95	0	Yes	0 Primary Over-Voltage
RRK064	761	'6443214_/_6443211'	0	1.47	3.33	0	0.75	3.03	0	Yes	0 Primary Over-Voltage
RRK064	762	'8270438_/_9526348'	0	1.27	3.33	0	0.5	2.99	0	Yes	0 Primary Over-Voltage
RRK064	763	'9342767_/_9342764'	0	1.43	3.33	0	0.5	3.08	0	Yes	0 Primary Over-Voltage
RRK064	764	'426470129_/_426470082'	0	1.57	3.33	0	0.5	2.96	0	Yes	0 Primary Over-Voltage
RRK064	765	'8085777_/_8085775_1'	0	1.43	3.33	0	0.5	3.01	0	Yes	0 Primary Over-Voltage
RRK064	766	'8900853_/_8900850'	0	1.27	3.33	0	0.5	2.94	0	Yes	0 Primary Over-Voltage
RRK064	767	'7638372_/_8272654'	0	1.3	3.33	0	0.5	2.93	0	Yes	0 Primary Over-Voltage
RRK064	768	'9214519_/_597020341'	0	1.33	3.33	0	0.7	2.89	0	Yes	0 Primary Over-Voltage
RRK064	769	'473797975_/_473797991'	0	1.3	3.33	0	0.5	2.9	0	Yes	0 Primary Over-Voltage
RRK064	770	'7954927_/_8270172'	0	4.3	10	0	3.3	8.59	0	Yes	0 Primary Over-Voltage
RRK064	771	'6442625_/_6442768'	0	2.8	6.67	0	1.53	6.06	0	Yes	0 Primary Over-Voltage
RRK064	772	'51112969_/_52434572'	0	1.27	3.33	0	0.5	2.98	0	Yes	0 Primary Over-Voltage
RRK064	773	'368197267_/_368197271'	0	4.3	10	0	3.3	8.57	0	Yes	0 Primary Over-Voltage
RRK064	774	'473347025_/_8578088'	0	1.27	3.33	0	0.7	2.89	0	Yes	0 Primary Over-Voltage
RRK064	775	'7479844_/_7479842'	0	1.4	3.33	0	0.7	3.02	0	Yes	0 Primary Over-Voltage
RRK064	776	'6443227_/_6443224'	0	1.43	3.33	0	0.75	2.96	0	Yes	0 Primary Over-Voltage
RRK064	777	'7451306_/_7451336'	0	1.47	3.33	0	0.7	2.98	0	Yes	0 Primary Over-Voltage
RRK064	778	'7451243_/_7764621'	0	1.4	3.33	0	0.5	3.01	0	Yes	0 Primary Over-Voltage
RRK064	779	'43918034_/_6442742'	0	1.4	3.33	0	0.5	3	0	Yes	0 Primary Over-Voltage
RRK064	780	'7636865_/_7636878'	0	1.23	3.33	0	0.7	2.91	0	Yes	0 Primary Over-Voltage
RRK064	781	'55364723_/_55364761'	0	1.2	3.33	0	0.5	2.88	0	Yes	0 Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RRK064	782	'8578091_/473347048'	0	1.27	3.33	0	0.7	2.83	0 Yes	0	Primary Over-Voltage
RRK064	783	'8400579_/8400576'	0	1.37	3.33	0	0.5	2.97	0 Yes	0	Primary Over-Voltage
RRK064	784	'43918353_/6444097'	0	2.73	6.67	0	1.5	5.83	0 Yes	0	Primary Over-Voltage
RRK064	785	'368197222_/368197309'	0	4.3	10	0	3.3	8.37	0 Yes	0	Primary Over-Voltage
RRK064	786	'489315698_/529882732'	0	1.23	3.33	0	0.5	2.81	0 Yes	0	Primary Over-Voltage
RRK064	787	'7451307_/7451304'	0	1.43	3.33	0	0.7	2.91	0 Yes	0	Primary Over-Voltage
RRK064	788	'9343007_/9343004'	0	1.4	3.33	0	0.5	2.89	0 Yes	0	Primary Over-Voltage
RRK064	789	'51744217_/51744255'	0	1.23	3.33	0	0.5	2.9	0 Yes	0	Primary Over-Voltage
RRK064	790	'9030002_/9029999_2'	0	1.37	3.33	0	0.5	2.94	0 Yes	0	Primary Over-Voltage
RRK064	791	'54598640_/54598647'	0	1.23	3.33	0	0.7	2.83	0 Yes	0	Primary Over-Voltage
RRK064	792	'52382940_/52382947'	0	1.2	3.33	0	0.5	2.85	0 Yes	0	Primary Over-Voltage
RRK064	793	'8400511_/9030015'	0	1.37	3.33	0	0.4	2.93	0 Yes	0	Primary Over-Voltage
RRK064	794	'8028794_/8028791'	0	1.37	3.33	0	0.7	2.9	0 Yes	0	Primary Over-Voltage
RRK064	795	'7304647_/7304645'	0	1.2	3.33	0	0.7	2.8	0 Yes	0	Primary Over-Voltage
RRK064	796	'6439394_/6442755'	0	1.37	3.33	0	0.5	2.9	0 Yes	0	Primary Over-Voltage
RRK064	797	'43917968_/43917970'	0	1.33	3.33	0	0.77	2.86	0 Yes	0	Primary Over-Voltage
RRK064	798	'52383041_/52383048'	0	1.17	3.33	0	0.5	2.75	0 Yes	0	Primary Over-Voltage
RRK064	799	'7955222_/9526380'	0	1.17	3.33	0	0.7	2.72	0 Yes	0	Primary Over-Voltage
RRK064	800	'6438256_/6444084'	0	2.6	6.67	0	1.5	5.57	0 Yes	0	Primary Over-Voltage
RRK064	801	'489315778_/489315794'	0	1.2	3.33	0	0.5	2.69	0 Yes	0	Primary Over-Voltage
RRK064	802	'473798007_/473798023'	0	1.2	3.33	0	0.5	2.69	0 Yes	0	Primary Over-Voltage
RRK064	803	'76702828_/8400656'	0	1.33	3.33	0	0.7	2.81	0 Yes	0	Primary Over-Voltage
RRK064	804	'7639338_/7639336'	0	2.73	3.33	0	0.5	2.18	0 Yes	0	Primary Over-Voltage
RRK064	805	'7451322_/7764765'	0	1.37	3.33	0	0.7	2.77	0 Yes	0	Primary Over-Voltage
RRK064	806	'8085921_/76702871'	0	1.3	3.33	0	0.7	2.79	0 Yes	0	Primary Over-Voltage
RRK064	807	'54598671_/54598678'	0	1.17	3.33	0	0.7	2.7	0 Yes	0	Primary Over-Voltage
RRK064	808	'7638577_/7638590'	0	1.17	3.33	0	0.7	2.69	0 Yes	0	Primary Over-Voltage
RRK064	809	'7636849_/7636862'	0	1.13	3.33	0	0.7	2.71	0 Yes	0	Primary Over-Voltage
RRK064	810	'6439382_/6439392'	0	1.3	3.33	0	0.5	2.76	0 Yes	0	Primary Over-Voltage
RRK064	811	'6442611_/6442609'	0	1.3	3.33	0	0.77	2.75	0 Yes	0	Primary Over-Voltage
RRK064	812	'55364692_/55364730'	0	1.13	3.33	0	0.5	2.68	0 Yes	0	Primary Over-Voltage
RRK064	813	'467199755_/153822864_2'	0	4.4	10	0	3.3	7.83	0 Yes	0	Primary Over-Voltage
RRK064	814	'7636985_/7638370'	0	1.17	3.33	0	0.5	2.64	0 Yes	0	Primary Over-Voltage
RRK064	815	'9030241_/9657679'	0	1.27	3.33	0	0.5	2.75	0 Yes	0	Primary Over-Voltage
RRK064	816	'7451242_/7451240'	0	1.3	3.33	0	0.5	2.74	0 Yes	0	Primary Over-Voltage
RRK064	817	'7957975_/7957973'	0	3.33	3.33	0	0.5	2.14	0 Yes	0	Primary Over-Voltage
RRK064	818	'8270502_/8900882'	0	1.13	3.33	0	0.5	2.63	0 Yes	0	Primary Over-Voltage
RRK064	819	'9214502_/597020350'	0	1.2	3.33	0	0.7	2.6	0 Yes	0	Primary Over-Voltage
RRK064	820	'37795867_/7636846'	0	1.1	3.33	0	0.7	2.64	0 Yes	0	Primary Over-Voltage
RRK064	821	'37795874_/37795871'	0	1.1	3.33	0	0.7	2.64	0 Yes	0	Primary Over-Voltage
RRK064	822	'37795895_/37795899'	0	1.1	3.33	0	0.7	2.64	0 Yes	0	Primary Over-Voltage
RRK064	823	'402151501_/402151498'	0	1.1	3.33	0	0.7	2.64	0 Yes	0	Primary Over-Voltage
RRK064	824	'8270439_/8270436_1'	0	1.13	3.33	0	0.5	2.63	0 Yes	0	Primary Over-Voltage
RRK064	825	'51744155_/51744224'	0	1.13	3.33	0	0.5	2.67	0 Yes	0	Primary Over-Voltage
RRK064	826	'6418702_/6439379'	0	1.27	3.33	0	0.5	2.69	0 Yes	0	Primary Over-Voltage
RRK064	827	'8400594_/8400592'	0	1.27	3.33	0	0.5	2.69	0 Yes	0	Primary Over-Voltage
RRK064	828	'54599344_/54598709_1'	0	0.67	3.33	0	0.7	2.58	0 Yes	0	Primary Over-Voltage
RRK064	829	'8085922_/8085919'	0	1.27	3.33	0	0.7	2.66	0 Yes	0	Primary Over-Voltage
RRK064	830	'7638576_/7638574'	0	1.1	3.33	0	0.7	2.58	0 Yes	0	Primary Over-Voltage
RRK064	831	'8085905_/7451320'	0	1.3	3.33	0	0.7	2.62	0 Yes	0	Primary Over-Voltage
RRK064	832	'43918012_/6443964'	0	1.27	3.33	0	0.77	2.65	0 Yes	0	Primary Over-Voltage
RRK064	833	'55364646_/55364699'	0	1.1	3.33	0	0.5	2.58	0 Yes	0	Primary Over-Voltage
RRK064	834	'8400723_/9030239'	0	1.23	3.33	0	0.5	2.65	0 Yes	0	Primary Over-Voltage
RRK064	835	'49201897_/6444140_2'	0	1.23	3.33	0	0.77	2.64	0 Yes	0	Primary Over-Voltage
RRK064	836	'6444130_/6444140_1'	0	1.23	3.33	0	0.77	2.64	0 Yes	0	Primary Over-Voltage
RRK064	837	'8583737_/8583734'	0	2.73	3.33	0	0.5	2.08	0 Yes	0	Primary Over-Voltage
RRK064	838	'49201906_/8400672_2'	0	1.23	3.33	0	0.77	2.62	0 Yes	0	Primary Over-Voltage
RRK064	839	'9343055_/9343052'	0	1.33	3.33	0	0.7	2.54	0 Yes	0	Primary Over-Voltage
RRK064	840	'6418703_/6418700'	0	1.23	3.33	0	0.5	2.61	0 Yes	0	Primary Over-Voltage
RRK064	841	'6418732_/6418729'	0	1.23	3.33	0	0.5	2.61	0 Yes	0	Primary Over-Voltage
RRK064	842	'52383073_/52383080'	0	1.07	3.33	0	0.5	2.55	0 Yes	0	Primary Over-Voltage
RRK064	843	'9214486_/9526496'	0	1.1	3.33	0	0.7	2.5	0 Yes	0	Primary Over-Voltage
RRK064	844	'484657175_/484657751'	0	1.1	3.33	0	0.5	2.49	0 Yes	0	Primary Over-Voltage
RRK064	845	'6438243_/6438253'	0	2.4	6.67	0	1.5	5.14	0 Yes	0	Primary Over-Voltage
RRK064	846	'8270694_/597020359'	0	1.13	3.33	0	0.7	2.48	0 Yes	0	Primary Over-Voltage
RRK064	847	'9343039_/9343068'	0	1.3	3.33	0	0.7	2.51	0 Yes	0	Primary Over-Voltage
RRK064	848	'8085426_/8400180_1'	0	1.2	3.33	0	0.5	2.55	0 Yes	0	Primary Over-Voltage
RRK064	849	'8272640_/455435280'	0	1.1	3.33	0	0.5	2.46	0 Yes	0	Primary Over-Voltage
RRK064	850	'9657745_/9657743'	0	1.23	3.33	0	0.7	2.56	0 Yes	0	Primary Over-Voltage
RRK064	851	'6418758_/6418742'	0	1.2	3.33	0	0.5	2.55	0 Yes	0	Primary Over-Voltage
RRK064	852	'6442984_/6442981'	0	1.23	3.33	0	0.5	2.54	0 Yes	0	Primary Over-Voltage
RRK064	853	'8400675_/8400672_1'	0	1.2	3.33	0	0.3	2.54	0 Yes	0	Primary Over-Voltage
RRK064	854	'43915206_/6418716'	0	1.2	3.33	0	0.5	2.53	0 Yes	0	Primary Over-Voltage
RRK064	855	'642041140_/642042273'	0	1.1	3.33	0	0.5	2.44	0 Yes	0	Primary Over-Voltage
RRK064	856	'7764783_/8400720'	0	1.2	3.33	0	0.5	2.53	0 Yes	0	Primary Over-Voltage
RRK064	857	'8270503_/8270500'	0	1.07	3.33	0	0.5	2.44	0 Yes	0	Primary Over-Voltage
RRK064	858	'52383105_/52383112'	0	1.03	3.33	0	0.5	2.46	0 Yes	0	Primary Over-Voltage
RRK064	859	'6418552_/6444127'	0	1.2	3.33	0	0.77	2.51	0 Yes	0	Primary Over-Voltage
RRK064	860	'9030082_/9657647'	0	1.2	3.33	0	0.5	2.52	0 Yes	0	Primary Over-Voltage
RRK064	861	'51370830_/51744162_1'	0	1.1	3.33	0	0.5	2.45	0 Yes	0	Primary Over-Voltage
RRK064	862	'8085906_/8085903'	0	1.23	3.33	0	0.7	2.48	0 Yes	0	Primary Over-Voltage
RRK064	863	'37796174_/9214484'	0	1.07	3.33	0	0.7	2.41	0 Yes	0	Primary Over-Voltage
RRK064	864	'37796189_/37796193'	0	1.07	3.33	0	0.7	2.41	0 Yes	0	Primary Over-Voltage
RRK064	865	'37796203_/37796207'	0	1.1	3.33	0	0.7	2.41	0 Yes	0	Primary Over-Voltage
RRK064	866	'37796182_/37796186'	0	1.07	3.33	0	0.7	2.41	0 Yes	0	Primary Over-Voltage
RRK064	867	'402152039_/402152036'	0	1.07	3.33	0	0.7	2.41	0 Yes	0	Primary Over-Voltage
RRK064	868	'484657143_/484657740'	0	1.07	3.33	0	0.5	2.41	0 Yes	0	Primary Over-Voltage
RRK064	869	'8577895_/8577908'	0	1.03	3.33	0	0.7	2.44	0 Yes	0	Primary Over-Voltage
RRK064	870	'6418797_/6418794'	0	1.2	3.33	0	0.5	2.48	0 Yes	0	Primary Over-Voltage
RRK064	871	'7451290_/9343036'	0	1.27	3.33	0	0.7	2.4	0 Yes	0	Primary Over-Voltage
RRK064	872	'7639354_/7639368'	0	2.73	3.33	0	0.5	1.97	0 Yes	0	Primary Over-Voltage
RRK064	873	'7639355_/7639352'	0	2.73	3.33	0	0.5	1.97	0 Yes	0	Primary Over-Voltage
RRK064	874	'6418719_/43915208'	0	1.2	3.33	0	0.5	2.46	0 Yes	0	Primary Over-Voltage
RRK064	875	'6418771_/6418768'	0	1.17	3.33	0	0.5	2.46	0 Yes	0	Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RRK064	876	'6438242_/_6438240'	0	2.33	6.67	0	0	1.5	4.88	0 Yes	0 Primary Over-Voltage
RRK064	877	'7636984_/_7636982'	0	1.03	3.33	0	0	0.5	2.36	0 Yes	0 Primary Over-Voltage
RRK064	878	'7955307_/_55364598'	0	1.03	3.33	0	0	0.5	2.38	0 Yes	0 Primary Over-Voltage
RRK064	879	'8400627_/_9657759'	0	1.17	3.33	0	0	0.7	2.44	0 Yes	0 Primary Over-Voltage
RRK064	880	'243504448_/_8711154_2'	0	1.13	3.33	0	0	0.75	2.41	0 Yes	0 Primary Over-Voltage
RRK064	881	'8272888_/_8272902'	0	1.03	3.33	0	0	0.7	2.34	0 Yes	0 Primary Over-Voltage
RRK064	882	'8270695_/_597020368'	0	1.07	3.33	0	0	0.7	2.31	0 Yes	0 Primary Over-Voltage
RRK064	883	'7451227_/_7451288'	0	1.23	3.33	0	0	0.7	2.34	0 Yes	0 Primary Over-Voltage
RRK064	884	'43915195_/_43915197'	0	1.17	3.33	0	0	0.77	2.4	0 Yes	0 Primary Over-Voltage
RRK064	885	'642041108_/_642041156'	0	1.03	3.33	0	0	0.5	2.31	0 Yes	0 Primary Over-Voltage
RRK064	886	'6418839_/_6418781'	0	1.17	3.33	0	0	0.5	2.38	0 Yes	0 Primary Over-Voltage
RRK064	887	'484657111_/_484657729'	0	1.03	3.33	0	0	0.5	2.29	0 Yes	0 Primary Over-Voltage
RRK064	888	'8577894_/_8577892'	0	1	3.33	0	0	0.7	2.31	0 Yes	0 Primary Over-Voltage
RRK064	889	'51624023_/_51624153'	0	1.13	3.33	0	0	0.5	2.36	0 Yes	0 Primary Over-Voltage
RRK064	890	'51624036_/_51624033'	0	0.97	3.33	0	0	0.4	2.36	0 Yes	0 Primary Over-Voltage
RRK064	891	'51624000_/_51623997'	0	1	3.33	0	0	0.4	2.37	0 Yes	0 Primary Over-Voltage
RRK064	892	'6418851_/_6442596'	0	1.13	3.33	0	0	0.5	2.33	0 Yes	0 Primary Over-Voltage
RRK064	893	'8400302_/_9029839'	0	1.13	3.33	0	0	0.3	2.33	0 Yes	0 Primary Over-Voltage
RRK064	894	'6442971_/_6442968'	0	1.13	3.33	0	0	0.5	2.32	0 Yes	0 Primary Over-Voltage
RRK064	895	'6418533_/_6418531'	0	1.13	3.33	0	0	0.77	2.32	0 Yes	0 Primary Over-Voltage
RRK064	896	'7764784_/_7764781'	0	1.1	3.33	0	0	0.5	2.32	0 Yes	0 Primary Over-Voltage
RRK064	897	'7955423_/_419387190'	0	1	3.33	0	0	0.7	2.23	0 Yes	0 Primary Over-Voltage
RRK064	898	'7324215_/_8273786'	0	2.4	3.33	0	0	0.5	1.85	0 Yes	0 Primary Over-Voltage
RRK064	899	'8400626_/_9030127_1'	0	1.13	3.33	0	0	0.7	2.28	0 Yes	0 Primary Over-Voltage
RRK064	900	'8400510_/_8400508'	0	1.1	3.33	0	0	0.4	2.32	0 Yes	0 Primary Over-Voltage
RRK064	901	'7324216_/_7324213'	0	2.4	3.33	0	0	0.5	1.84	0 Yes	0 Primary Over-Voltage
RRK064	902	'7451226_/_7451224'	0	1.17	3.33	0	0	0.7	2.23	0 Yes	0 Primary Over-Voltage
RRK064	903	'43915161_/_43915163'	0	2.13	6.67	0	0	1.5	4.57	0 Yes	0 Primary Over-Voltage
RRK064	904	'7321398_/_8900738'	0	0.97	3.33	0	0	0.7	2.24	0 Yes	0 Primary Over-Voltage
RRK064	905	'37796133_/_8272886'	0	0.97	3.33	0	0	0.7	2.22	0 Yes	0 Primary Over-Voltage
RRK064	906	'37796140_/_37796137'	0	0.97	3.33	0	0	0.7	2.22	0 Yes	0 Primary Over-Voltage
RRK064	907	'37796154_/_37796158'	0	0.97	3.33	0	0	0.7	2.22	0 Yes	0 Primary Over-Voltage
RRK064	908	'402151729_/_402151726'	0	0.97	3.33	0	0	0.7	2.22	0 Yes	0 Primary Over-Voltage
RRK064	909	'7321485_/_8270564'	0	0.97	3.33	0	0	0.5	2.21	0 Yes	0 Primary Over-Voltage
RRK064	910	'8272641_/_276578014'	0	1	3.33	0	0	0.5	2.19	0 Yes	0 Primary Over-Voltage
RRK064	911	'9030081_/_9030079'	0	1.1	3.33	0	0	0.5	2.28	0 Yes	0 Primary Over-Voltage
RRK064	912	'6418852_/_6418849'	0	1.1	3.33	0	0	0.5	2.25	0 Yes	0 Primary Over-Voltage
RRK064	913	'484657069_/_484657718'	0	1	3.33	0	0	0.5	2.18	0 Yes	0 Primary Over-Voltage
RRK064	914	'43915183_/_43915185'	0	1.1	3.33	0	0	0.77	2.25	0 Yes	0 Primary Over-Voltage
RRK064	915	'7321469_/_8270644'	0	0.97	3.33	0	0	0.5	2.19	0 Yes	0 Primary Over-Voltage
RRK064	916	'8400562_/_8400560'	0	1	3.33	0	0	0.4	2.26	0 Yes	0 Primary Over-Voltage
RRK064	917	'8711156_/_8711154_1'	0	1.07	3.33	0	0	0.5	2.22	0 Yes	0 Primary Over-Voltage
RRK064	918	'9342879_/_9342892'	0	1.07	3.33	0	0	0.4	2.24	0 Yes	0 Primary Over-Voltage
RRK064	919	'473798367_/_484657707'	0	0.97	3.33	0	0	0.5	2.14	0 Yes	0 Primary Over-Voltage
RRK064	920	'7955223_/_7955220'	0	0.97	3.33	0	0	0.7	2.15	0 Yes	0 Primary Over-Voltage
RRK064	921	'472688358_/_472688504'	0	3.33	3.33	0	0	1.1	1.74	0 Yes	0 Primary Over-Voltage
RRK064	922	'472688348_/_472688517'	0	3.33	3.33	0	0	1.1	1.73	0 Yes	0 Primary Over-Voltage
RRK064	923	'7957495_/_8270628'	0	0.93	3.33	0	0	0.7	2.13	0 Yes	0 Primary Over-Voltage
RRK064	924	'473798310_/_473798364'	0	0.97	3.33	0	0	0.5	2.1	0 Yes	0 Primary Over-Voltage
RRK064	925	'7324087_/_8273722'	0	2.07	3.33	0	0	0.5	1.75	0 Yes	0 Primary Over-Voltage
RRK064	926	'52016621_/_9030191'	0	1.07	3.33	0	0	0.5	2.16	0 Yes	0 Primary Over-Voltage
RRK064	927	'7324088_/_7324085'	0	2.07	3.33	0	0	0.5	1.74	0 Yes	0 Primary Over-Voltage
RRK064	928	'472688316_/_472688491'	0	3.33	3.33	0	0	1.1	1.7	0 Yes	0 Primary Over-Voltage
RRK064	929	'9030114_/_9657615'	0	1	3.33	0	0	0.4	2.16	0 Yes	0 Primary Over-Voltage
RRK064	930	'8400183_/_8400180_2'	0	1.03	3.33	0	0	0.5	2.12	0 Yes	0 Primary Over-Voltage
RRK064	931	'7451259_/_8400300'	0	1.03	3.33	0	0	0.3	2.12	0 Yes	0 Primary Over-Voltage
RRK064	932	'8901009_/_597020377'	0	0.93	3.33	0	0	0.7	2.04	0 Yes	0 Primary Over-Voltage
RRK064	933	'6438728_/_6438738'	0	2	6.67	0	0	1.5	4.23	0 Yes	0 Primary Over-Voltage
RRK064	934	'7321470_/_7321467'	0	0.9	3.33	0	0	0.5	2.06	0 Yes	0 Primary Over-Voltage
RRK064	935	'7955422_/_419387179'	0	0.93	3.33	0	0	0.7	2.04	0 Yes	0 Primary Over-Voltage
RRK064	936	'7321397_/_7321395'	0	0.9	3.33	0	0	0.7	2.06	0 Yes	0 Primary Over-Voltage
RRK064	937	'8085442_/_9342508'	0	1.03	3.33	0	0	0.5	2.09	0 Yes	0 Primary Over-Voltage
RRK064	938	'8711420_/_8711418'	0	1.07	3.33	0	0	0.7	2.04	0 Yes	0 Primary Over-Voltage
RRK064	939	'7324139_/_8273754'	0	2.07	3.33	0	0	0.5	1.7	0 Yes	0 Primary Over-Voltage
RRK064	940	'473798263_/_473798326'	0	0.93	3.33	0	0	0.5	2.01	0 Yes	0 Primary Over-Voltage
RRK064	941	'7324140_/_7324137'	0	2.07	3.33	0	0	0.5	1.68	0 Yes	0 Primary Over-Voltage
RRK064	942	'51624248_/_51624250'	0	1.03	3.33	0	0	0.4	2.08	0 Yes	0 Primary Over-Voltage
RRK064	943	'7321486_/_7321483'	0	0.9	3.33	0	0	0.5	2	0 Yes	0 Primary Over-Voltage
RRK064	944	'51624200_/_51624227'	0	1	3.33	0	0	0.4	2.06	0 Yes	0 Primary Over-Voltage
RRK064	945	'8711633_/_9030111'	0	1	3.33	0	0	0.4	2.04	0 Yes	0 Primary Over-Voltage
RRK064	946	'8085410_/_9657229'	0	1	3.33	0	0	0.5	2.01	0 Yes	0 Primary Over-Voltage
RRK064	947	'7637033_/_419387168'	0	0.9	3.33	0	0	0.7	1.94	0 Yes	0 Primary Over-Voltage
RRK064	948	'51624012_/_51624202'	0	1	3.33	0	0	0.4	2.01	0 Yes	0 Primary Over-Voltage
RRK064	949	'51623999_/_51624009'	0	1	3.33	0	0	0.4	2.01	0 Yes	0 Primary Over-Voltage
RRK064	950	'642040942_/_642042288'	0	0.9	3.33	0	0	0.5	1.92	0 Yes	0 Primary Over-Voltage
RRK064	951	'7958032_/_7958029'	0	1.73	3.33	0	0	0.5	1.62	0 Yes	0 Primary Over-Voltage
RRK064	952	'8400479_/_8711466'	0	1.03	3.33	0	0	0.7	1.93	0 Yes	0 Primary Over-Voltage
RRK064	953	'243576442_/_43918109'	0	1.93	6.67	0	0	1.5	3.95	0 Yes	0 Primary Over-Voltage
RRK064	954	'8273773_/_7958045'	0	1.73	3.33	0	0	0.5	1.61	0 Yes	0 Primary Over-Voltage
RRK064	955	'7957496_/_7957493'	0	0.87	3.33	0	0	0.7	1.92	0 Yes	0 Primary Over-Voltage
RRK064	956	'8900836_/_9526544'	0	0.87	3.33	0	0	0.5	1.9	0 Yes	0 Primary Over-Voltage
RRK064	957	'52016599_/_52016753'	0	0.97	3.33	0	0	0.5	1.96	0 Yes	0 Primary Over-Voltage
RRK064	958	'7323863_/_8270580'	0	0.87	3.33	0	0	0.5	1.88	0 Yes	0 Primary Over-Voltage
RRK064	959	'7639131_/_9214268'	0	0.83	3.33	0	0	0.7	1.9	0 Yes	0 Primary Over-Voltage
RRK064	960	'7955322_/_9214352'	0	0.83	3.33	0	0	0.5	1.88	0 Yes	0 Primary Over-Voltage
RRK064	961	'7955390_/_597020386'	0	0.87	3.33	0	0	0.7	1.84	0 Yes	0 Primary Over-Voltage
RRK064	962	'7764539_/_668056587'	0	0.97	3.33	0	0	0.5	1.9	0 Yes	0 Primary Over-Voltage
RRK064	963	'642040980_/_642040996'	0	0.87	3.33	0	0	0.5	1.84	0 Yes	0 Primary Over-Voltage
RRK064	964	'7324104_/_7324101'	0	1.73	3.33	0	0	0.5	1.55	0 Yes	0 Primary Over-Voltage
RRK064	965	'37797113_/_7639128'	0	0.83	3.33	0	0	0.7	1.85	0 Yes	0 Primary Over-Voltage
RRK064	966	'37797092_/_37797117'	0	0.83	3.33	0	0	0.7	1.85	0 Yes	0 Primary Over-Voltage
RRK064	967	'37797085_/_37797089'	0	0.83	3.33	0	0	0.7	1.85	0 Yes	0 Primary Over-Voltage
RRK064	968	'37797099_/_37797096'	0	0.83	3.33	0	0	0.7	1.85	0 Yes	0 Primary Over-Voltage
RRK064	969	'402151431_/_402151428'	0	0.83	3.33	0	0	0.7	1.85	0 Yes	0 Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage	Regulator	Thermal	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
				Deviation	Deviation	Discharging				VSR (MW)	Limiting Threshold
RRK064	970	'412325325_/426524179'	0	1.87	6.67	0	1.5	3.78	0 Yes	0	Primary Over-Voltage
RRK064	971	'8583653_/8583650'	0	1.73	3.33	0	0.5	1.55	0 Yes	0	Primary Over-Voltage
RRK064	972	'8577879_/8577876'	0	0.83	3.33	0	0.7	1.83	0 Yes	0	Primary Over-Voltage
RRK064	973	'6438796_/412325331'	0	1.87	6.67	0	1.5	3.76	0 Yes	0	Primary Over-Voltage
RRK064	974	'444267494_/6438806_2'	0	0.93	3.33	0	0.75	1.87	0 Yes	0	Primary Over-Voltage
RRK064	975	'444267442_/43918131_2'	0	0.9	3.33	0	0.75	1.87	0 Yes	0	Primary Over-Voltage
RRK064	976	'9342543_/9342540'	0	0.93	3.33	0	0.5	1.87	0 Yes	0	Primary Over-Voltage
RRK064	977	'444267468_/6438793_2'	0	0.9	3.33	0	0.75	1.86	0 Yes	0	Primary Over-Voltage
RRK064	978	'9343118_/8711630'	0	0.93	3.33	0	0.4	1.86	0 Yes	0	Primary Over-Voltage
RRK064	979	'6438809_/6438806_1'	0	0.9	3.33	0	0.7	1.84	0 Yes	0	Primary Over-Voltage
RRK064	980	'6438795_/6438793_1'	0	0.9	3.33	0	0.7	1.84	0 Yes	0	Primary Over-Voltage
RRK064	981	'7451111_/7451140_2'	0	0.9	3.33	0	0.7	1.84	0 Yes	0	Primary Over-Voltage
RRK064	982	'7451258_/7451256'	0	0.93	3.33	0	0.3	1.83	0 Yes	0	Primary Over-Voltage
RRK064	983	'7955323_/7955320'	0	0.8	3.33	0	0.5	1.79	0 Yes	0	Primary Over-Voltage
RRK064	984	'668056616_/668056639'	0	0.93	3.33	0	0.5	1.8	0 Yes	0	Primary Over-Voltage
RRK064	985	'7764444_/8400476'	0	0.97	3.33	0	0.7	1.77	0 Yes	0	Primary Over-Voltage
RRK064	986	'43918129_/43918131_1'	0	0.9	3.33	0	0.7	1.82	0 Yes	0	Primary Over-Voltage
RRK064	987	'7450983_/8085439'	0	0.9	3.33	0	0.5	1.8	0 Yes	0	Primary Over-Voltage
RRK064	988	'6438860_/6442040'	0	0.9	3.33	0	0.7	1.8	0 Yes	0	Primary Over-Voltage
RRK064	989	'52016608_/52016742'	0	0.93	3.33	0	0.5	1.8	0 Yes	0	Primary Over-Voltage
RRK064	990	'6438230_/6442014'	0	0.9	3.33	0	0.7	1.79	0 Yes	0	Primary Over-Voltage
RRK064	991	'8273197_/8273194'	0	0.8	3.33	0	0.7	1.75	0 Yes	0	Primary Over-Voltage
RRK064	992	'484657219_/484657778'	0	0.83	3.33	0	0.5	1.72	0 Yes	0	Primary Over-Voltage
RRK064	993	'642041012_/642041028'	0	0.83	3.33	0	0.5	1.72	0 Yes	0	Primary Over-Voltage
RRK064	994	'7637128_/8900834'	0	0.8	3.33	0	0.5	1.72	0 Yes	0	Primary Over-Voltage
RRK064	995	'8273691_/8273688'	0	1.73	3.33	0	0.5	1.47	0 Yes	0	Primary Over-Voltage
RRK064	996	'6438783_/6438819'	0	0.9	3.33	0	0.7	1.77	0 Yes	0	Primary Over-Voltage
RRK064	997	'8273675_/8273672'	0	1.73	3.33	0	0.5	1.46	0 Yes	0	Primary Over-Voltage
RRK064	998	'7955270_/8273556'	0	0.8	3.33	0	0.7	1.73	0 Yes	0	Primary Over-Voltage
RRK064	999	'7764555_/7764553'	0	0.9	3.33	0	0.5	1.75	0 Yes	0	Primary Over-Voltage
RRK064	1000	'7764443_/7764441'	0	0.93	3.33	0	0.7	1.71	0 Yes	0	Primary Over-Voltage
RRK064	1001	'7451142_/7451140_1'	0	0.87	3.33	0	0.3	1.76	0 Yes	0	Primary Over-Voltage
RRK064	1002	'7764671_/9342956'	0	0.9	3.33	0	0.5	1.76	0 Yes	0	Primary Over-Voltage
RRK064	1003	'7957479_/8903576'	0	0.8	3.33	0	0.7	1.71	0 Yes	0	Primary Over-Voltage
RRK064	1004	'7451370_/9343116'	0	0.9	3.33	0	0.4	1.75	0 Yes	0	Primary Over-Voltage
RRK064	1005	'6438217_/6438227'	0	0.87	3.33	0	0.7	1.75	0 Yes	0	Primary Over-Voltage
RRK064	1006	'7323864_/7323861'	0	0.8	3.33	0	0.5	1.7	0 Yes	0	Primary Over-Voltage
RRK064	1007	'43918140_/6438858'	0	0.87	3.33	0	0.7	1.74	0 Yes	0	Primary Over-Voltage
RRK064	1008	'52016631_/52016764'	0	0.9	3.33	0	0.5	1.74	0 Yes	0	Primary Over-Voltage
RRK064	1009	'6438848_/6438845'	0	0.87	3.33	0	0.7	1.72	0 Yes	0	Primary Over-Voltage
RRK064	1010	'8085490_/9029727'	0	0.9	3.33	0	0.5	1.71	0 Yes	0	Primary Over-Voltage
RRK064	1011	'43917259_/6438780'	0	0.87	3.33	0	0.7	1.72	0 Yes	0	Primary Over-Voltage
RRK064	1012	'6438769_/6442053'	0	0.87	3.33	0	0.7	1.7	0 Yes	0	Primary Over-Voltage
RRK064	1013	'7321553_/597020395'	0	0.8	3.33	0	0.7	1.65	0 Yes	0	Primary Over-Voltage
RRK064	1014	'7451126_/7451124_1'	0	0.87	3.33	0	0.3	1.7	0 Yes	0	Primary Over-Voltage
RRK064	1015	'6438204_/6438214'	0	0.87	3.33	0	0.7	1.7	0 Yes	0	Primary Over-Voltage
RRK064	1016	'8400414_/8400412'	0	0.93	3.33	0	0.7	1.66	0 Yes	0	Primary Over-Voltage
RRK064	1017	'54598782_/54598828'	0	0.77	3.33	0	0.7	1.65	0 Yes	0	Primary Over-Voltage
RRK064	1018	'37796147_/8903304'	0	0.77	3.33	0	0.5	1.65	0 Yes	0	Primary Over-Voltage
RRK064	1019	'6438269_/6438266'	0	0.87	3.33	0	0.7	1.67	0 Yes	0	Primary Over-Voltage
RRK064	1020	'7955238_/9531368'	0	0.77	3.33	0	0.7	1.63	0 Yes	0	Primary Over-Voltage
RRK064	1021	'6438886_/6438884'	0	0.87	3.33	0	0.7	1.67	0 Yes	0	Primary Over-Voltage
RRK064	1022	'6438770_/6438767'	0	0.87	3.33	0	0.7	1.66	0 Yes	0	Primary Over-Voltage
RRK064	1023	'8085713_/8085711'	0	0.83	3.33	0	0.3	1.67	0 Yes	0	Primary Over-Voltage
RRK064	1024	'7764672_/7764669'	0	0.87	3.33	0	0.5	1.67	0 Yes	0	Primary Over-Voltage
RRK064	1025	'6438203_/6438201'	0	0.87	3.33	0	0.7	1.66	0 Yes	0	Primary Over-Voltage
RRK064	1026	'420625077_/6439205_1'	0	0.83	3.33	0	0.3	1.66	0 Yes	0	Primary Over-Voltage
RRK064	1027	'8711532_/8711530_1'	0	0.87	3.33	0	0.3	1.66	0 Yes	0	Primary Over-Voltage
RRK064	1028	'6439152_/6439205_2'	0	0.83	3.33	0	0.3	1.66	0 Yes	0	Primary Over-Voltage
RRK064	1029	'8085826_/9657599'	0	0.87	3.33	0	0.3	1.65	0 Yes	0	Primary Over-Voltage
RRK064	1030	'54598745_/54598779'	0	0.77	3.33	0	0.7	1.61	0 Yes	0	Primary Over-Voltage
RRK064	1031	'7764427_/9029951'	0	0.9	3.33	0	0.7	1.61	0 Yes	0	Primary Over-Voltage
RRK064	1032	'6439182_/6439179'	0	0.83	3.33	0	0.3	1.65	0 Yes	0	Primary Over-Voltage
RRK064	1033	'514361307_/484657916_1'	0	0.77	3.33	0	0.5	1.6	0 Yes	0	Primary Over-Voltage
RRK064	1034	'7955271_/7955268'	0	0.77	3.33	0	0.7	1.62	0 Yes	0	Primary Over-Voltage
RRK064	1035	'43918118_/6438871'	0	0.83	3.33	0	0.7	1.63	0 Yes	0	Primary Over-Voltage
RRK064	1036	'6442095_/6442092'	0	0.83	3.33	0	0.3	1.63	0 Yes	0	Primary Over-Voltage
RRK064	1037	'8711308_/8711306'	0	0.83	3.33	0	0.3	1.63	0 Yes	0	Primary Over-Voltage
RRK064	1038	'8085746_/8711530_2'	0	0.83	3.33	0	0.3	1.62	0 Yes	0	Primary Over-Voltage
RRK064	1039	'7637129_/7637126'	0	0.77	3.33	0	0.5	1.57	0 Yes	0	Primary Over-Voltage
RRK064	1040	'43917270_/43917272'	0	0.83	3.33	0	0.7	1.61	0 Yes	0	Primary Over-Voltage
RRK064	1041	'7451127_/7451124_2'	0	0.83	3.33	0	0.3	1.61	0 Yes	0	Primary Over-Voltage
RRK064	1042	'6438282_/6438279'	0	0.83	3.33	0	0.7	1.61	0 Yes	0	Primary Over-Voltage
RRK064	1043	'43917887_/43917889'	0	0.83	3.33	0	0.7	1.6	0 Yes	0	Primary Over-Voltage
RRK064	1044	'6439168_/6439205_4'	0	0.83	3.33	0	0.3	1.61	0 Yes	0	Primary Over-Voltage
RRK064	1045	'642041044_/642041060'	0	0.77	3.33	0	0.5	1.56	0 Yes	0	Primary Over-Voltage
RRK064	1046	'8400266_/52016643'	0	0.87	3.33	0	0.5	1.61	0 Yes	0	Primary Over-Voltage
RRK064	1047	'7321554_/604184077'	0	0.77	3.33	0	0.7	1.54	0 Yes	0	Primary Over-Voltage
RRK064	1048	'7638796_/7955236'	0	0.77	3.33	0	0.7	1.55	0 Yes	0	Primary Over-Voltage
RRK064	1049	'6438913_/6438897'	0	0.83	3.33	0	0.7	1.58	0 Yes	0	Primary Over-Voltage
RRK064	1050	'8085457_/8085455'	0	0.83	3.33	0	0.5	1.58	0 Yes	0	Primary Over-Voltage
RRK064	1051	'52434803_/52434805'	0	0.73	3.33	0	0.7	1.54	0 Yes	0	Primary Over-Voltage
RRK064	1052	'9029857_/9029855'	0	0.83	3.33	0	0.3	1.57	0 Yes	0	Primary Over-Voltage
RRK064	1053	'6439169_/6439166'	0	0.83	3.33	0	0.3	1.56	0 Yes	0	Primary Over-Voltage
RRK064	1054	'6441952_/6441988'	0	0.83	3.33	0	0.7	1.55	0 Yes	0	Primary Over-Voltage
RRK064	1055	'37975490_/7450980'	0	0.83	3.33	0	0.5	1.55	0 Yes	0	Primary Over-Voltage
RRK064	1056	'37975483_/37975494'	0	0.83	3.33	0	0.5	1.55	0 Yes	0	Primary Over-Voltage
RRK064	1057	'37975517_/37975515'	0	0.83	3.33	0	0.5	1.55	0 Yes	0	Primary Over-Voltage
RRK064	1058	'37975476_/37975480'	0	0.83	3.33	0	0.5	1.55	0 Yes	0	Primary Over-Voltage
RRK064	1059	'37975504_/37975508'	0	0.83	3.33	0	0.5	1.55	0 Yes	0	Primary Over-Voltage
RRK064	1060	'6439900_/6439910'	0	0.8	3.33	0	0.7	1.55	0 Yes	0	Primary Over-Voltage
RRK064	1061	'6442266_/6442263'	0	0.83	3.33	0	0.7	1.54	0 Yes	0	Primary Over-Voltage
RRK064	1062	'6440071_/6440069_1'	0	0.8	3.33	0	0.3	1.55	0 Yes	0	Primary Over-Voltage
RRK064	1063	'7450871_/8711242_1'	0	0.8	3.33	0	0.3	1.54	0 Yes	0	Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RRK064	1064	'7764428_/_7764425'	0	0.87	3.33	0	0.7	1.51	0 Yes	0	Primary Over-Voltage
RRK064	1065	'92467074_/_92467071'	0	0.83	3.33	0	0.7	1.53	0 Yes	0	Primary Over-Voltage
RRK064	1066	'8270471_/_8270468'	0	0.73	3.33	0	0.7	1.51	0 Yes	0	Primary Over-Voltage
RRK064	1067	'8085825_/_8085823'	0	0.83	3.33	0	0.3	1.53	0 Yes	0	Primary Over-Voltage
RRK064	1068	'52434864_/_52434883'	0	0.73	3.33	0	0.7	1.5	0 Yes	0	Primary Over-Voltage
RRK064	1069	'6439899_/_6439897'	0	0.8	3.33	0	0.7	1.53	0 Yes	0	Primary Over-Voltage
RRK064	1070	'6441939_/_6441949'	0	0.8	3.33	0	0.7	1.52	0 Yes	0	Primary Over-Voltage
RRK064	1071	'103152129_/_103152126'	0	0.8	3.33	0	0.7	1.51	0 Yes	0	Primary Over-Voltage
RRK064	1072	'9342639_/_8711274'	0	0.83	3.33	0	0.5	1.53	0 Yes	0	Primary Over-Voltage
RRK064	1073	'8085745_/_8085743'	0	0.8	3.33	0	0.3	1.52	0 Yes	0	Primary Over-Voltage
RRK064	1074	'7637032_/_419387157'	0	0.73	3.33	0	0.7	1.48	0 Yes	0	Primary Over-Voltage
RRK064	1075	'7451371_/_7451368'	0	0.83	3.33	0	0.4	1.52	0 Yes	0	Primary Over-Voltage
RRK064	1076	'6441938_/_6441936'	0	0.8	3.33	0	0.7	1.51	0 Yes	0	Primary Over-Voltage
RRK064	1077	'6442305_/_6442302'	0	0.8	3.33	0	0.7	1.5	0 Yes	0	Primary Over-Voltage
RRK064	1078	'7764315_/_7764313_1'	0	0.8	3.33	0	0.5	1.5	0 Yes	0	Primary Over-Voltage
RRK064	1079	'7764816_/_7764813'	0	0.83	3.33	0	0.4	1.51	0 Yes	0	Primary Over-Voltage
RRK064	1080	'49482020_/_6439014_2'	0	0.8	3.33	0	0.7	1.5	0 Yes	0	Primary Over-Voltage
RRK064	1081	'6440072_/_6440069_2'	0	0.8	3.33	0	0.3	1.5	0 Yes	0	Primary Over-Voltage
RRK064	1082	'8900868_/_8901150'	0	0.73	3.33	0	0.5	1.45	0 Yes	0	Primary Over-Voltage
RRK064	1083	'7955254_/_8900722'	0	0.7	3.33	0	0.7	1.47	0 Yes	0	Primary Over-Voltage
RRK064	1084	'7764507_/_8711498'	0	0.8	3.33	0	0.3	1.48	0 Yes	0	Primary Over-Voltage
RRK064	1085	'50678127_/_50678129'	0	0.8	3.33	0	0.5	1.47	0 Yes	0	Primary Over-Voltage
RRK064	1086	'8901025_/_570993430_1'	0	0.63	3.33	0	0.7	1.43	0 Yes	0	Primary Over-Voltage
RRK064	1087	'7764476_/_7764473'	0	0.8	3.33	0	0.3	1.48	0 Yes	0	Primary Over-Voltage
RRK064	1088	'43917349_/_43917351'	0	0.8	3.33	0	0.7	1.48	0 Yes	0	Primary Over-Voltage
RRK064	1089	'6444021_/_6444019'	0	0.8	3.33	0	0.7	1.47	0 Yes	0	Primary Over-Voltage
RRK064	1090	'601425263_/_601425036_2'	0	0.8	3.33	0	0.7	1.46	0 Yes	0	Primary Over-Voltage
RRK064	1091	'6439017_/_6439014_1'	0	0.8	3.33	0	0.3	1.46	0 Yes	0	Primary Over-Voltage
RRK064	1092	'642041076_/_642041092'	0	0.73	3.33	0	0.5	1.42	0 Yes	0	Primary Over-Voltage
RRK064	1093	'7637145_/_7637142'	0	0.7	3.33	0	0.5	1.42	0 Yes	0	Primary Over-Voltage
RRK064	1094	'52434876_/_52434922'	0	0.7	3.33	0	0.7	1.42	0 Yes	0	Primary Over-Voltage
RRK064	1095	'6444061_/_6444058'	0	0.8	3.33	0	0.7	1.44	0 Yes	0	Primary Over-Voltage
RRK064	1096	'7451178_/_8711242_2'	0	0.77	3.33	0	0.3	1.45	0 Yes	0	Primary Over-Voltage
RRK064	1097	'9343087_/_9657727_1'	0	0.8	3.33	0	0.3	1.44	0 Yes	0	Primary Over-Voltage
RRK064	1098	'7638797_/_7638794'	0	0.7	3.33	0	0.7	1.41	0 Yes	0	Primary Over-Voltage
RRK064	1099	'6441965_/_6441962'	0	0.8	3.33	0	0.3	1.43	0 Yes	0	Primary Over-Voltage
RRK064	1100	'7450950_/_8711482'	0	0.77	3.33	0	0.3	1.44	0 Yes	0	Primary Over-Voltage
RRK064	1101	'8583077_/_9217090_1'	0	0.7	3.33	0	0.7	1.41	0 Yes	0	Primary Over-Voltage
RRK064	1102	'8085649_/_8085663'	0	0.83	3.33	0	0.7	1.41	0 Yes	0	Primary Over-Voltage
RRK064	1103	'331117960_/_9657727_2'	0	0.8	3.33	0	0.3	1.43	0 Yes	0	Primary Over-Voltage
RRK064	1104	'8085489_/_9657293'	0	0.8	3.33	0	0.5	1.43	0 Yes	0	Primary Over-Voltage
RRK064	1105	'49482041_/_9029983_1'	0	0.77	3.33	0	0.3	1.44	0 Yes	0	Primary Over-Voltage
RRK064	1106	'7450999_/_7764313_2'	0	0.77	3.33	0	0.5	1.42	0 Yes	0	Primary Over-Voltage
RRK064	1107	'9030226_/_9030223'	0	0.8	3.33	0	0.4	1.42	0 Yes	0	Primary Over-Voltage
RRK064	1108	'331118030_/_331118067'	0	0.77	3.33	0	0.3	1.41	0 Yes	0	Primary Over-Voltage
RRK064	1109	'50678155_/_50678181'	0	0.77	3.33	0	0.5	1.4	0 Yes	0	Primary Over-Voltage
RRK064	1110	'8900869_/_8900866'	0	0.7	3.33	0	0.5	1.37	0 Yes	0	Primary Over-Voltage
RRK064	1111	'43917248_/_6441975'	0	0.77	3.33	0	0.3	1.39	0 Yes	0	Primary Over-Voltage
RRK064	1112	'37975371_/_7450948'	0	0.77	3.33	0	0.3	1.4	0 Yes	0	Primary Over-Voltage
RRK064	1113	'37975364_/_37975375'	0	0.77	3.33	0	0.3	1.4	0 Yes	0	Primary Over-Voltage
RRK064	1114	'37975357_/_37975361'	0	0.77	3.33	0	0.3	1.4	0 Yes	0	Primary Over-Voltage
RRK064	1115	'37975385_/_37975389'	0	0.77	3.33	0	0.3	1.4	0 Yes	0	Primary Over-Voltage
RRK064	1116	'37975399_/_37975403'	0	0.77	3.33	0	0.3	1.4	0 Yes	0	Primary Over-Voltage
RRK064	1117	'331117996_/_331118049'	0	0.77	3.33	0	0.3	1.39	0 Yes	0	Primary Over-Voltage
RRK064	1118	'6439925_/_6439923'	0	0.77	3.33	0	0.7	1.4	0 Yes	0	Primary Over-Voltage
RRK064	1119	'49201667_/_6444071'	0	0.77	3.33	0	0.7	1.39	0 Yes	0	Primary Over-Voltage
RRK064	1120	'625184225_/_6439949_3'	0	0.77	3.33	0	0.7	1.39	0 Yes	0	Primary Over-Voltage
RRK064	1121	'6439952_/_6439949_2'	0	0.77	3.33	0	0.3	1.39	0 Yes	0	Primary Over-Voltage
RRK064	1122	'6444008_/_6444045_2'	0	0.77	3.33	0	0.7	1.38	0 Yes	0	Primary Over-Voltage
RRK064	1123	'50171857_/_8711646_2'	0	0.77	3.33	0	0.7	1.38	0 Yes	0	Primary Over-Voltage
RRK064	1124	'8400642_/_331118000'	0	0.77	3.33	0	0.3	1.38	0 Yes	0	Primary Over-Voltage
RRK064	1125	'52434832_/_52434902'	0	0.67	3.33	0	0.7	1.35	0 Yes	0	Primary Over-Voltage
RRK064	1126	'8085681_/_601425036_1'	0	0.77	3.33	0	0.3	1.37	0 Yes	0	Primary Over-Voltage
RRK064	1127	'7451179_/_7451176'	0	0.77	3.33	0	0.3	1.38	0 Yes	0	Primary Over-Voltage
RRK064	1128	'6439741_/_6439738'	0	0.77	3.33	0	0.3	1.36	0 Yes	0	Primary Over-Voltage
RRK064	1129	'7955190_/_7955188'	0	0.7	3.33	0	0.7	1.33	0 Yes	0	Primary Over-Voltage
RRK064	1130	'6439951_/_6439949_1'	0	0.77	3.33	0	0.3	1.37	0 Yes	0	Primary Over-Voltage
RRK064	1131	'8400526_/_8400524'	0	0.77	3.33	0	0.3	1.37	0 Yes	0	Primary Over-Voltage
RRK064	1132	'7450935_/_7450932'	0	0.77	3.33	0	0.3	1.37	0 Yes	0	Primary Over-Voltage
RRK064	1133	'6444009_/_6444006'	0	0.77	3.33	0	0.7	1.35	0 Yes	0	Primary Over-Voltage
RRK064	1134	'6442278_/_6444045_1'	0	0.77	3.33	0	0.7	1.34	0 Yes	0	Primary Over-Voltage
RRK064	1135	'9342671_/_9342668'	0	0.77	3.33	0	0.7	1.34	0 Yes	0	Primary Over-Voltage
RRK064	1136	'54598702_/_54598752'	0	0.67	3.33	0	0.7	1.32	0 Yes	0	Primary Over-Voltage
RRK064	1137	'8085505_/_8085503_1'	0	0.77	3.33	0	0.3	1.34	0 Yes	0	Primary Over-Voltage
RRK064	1138	'8085650_/_8085647'	0	0.8	3.33	0	0.7	1.32	0 Yes	0	Primary Over-Voltage
RRK064	1139	'43917382_/_6439978'	0	0.73	3.33	0	0.7	1.35	0 Yes	0	Primary Over-Voltage
RRK064	1140	'6439754_/_6439751'	0	0.77	3.33	0	0.3	1.33	0 Yes	0	Primary Over-Voltage
RRK064	1141	'7764268_/_8085503_2'	0	0.77	3.33	0	0.3	1.33	0 Yes	0	Primary Over-Voltage
RRK064	1142	'8400543_/_9657583'	0	0.77	3.33	0	0.4	1.34	0 Yes	0	Primary Over-Voltage
RRK064	1143	'49201938_/_6442289'	0	0.77	3.33	0	0.7	1.32	0 Yes	0	Primary Over-Voltage
RRK064	1144	'49201945_/_9342652_2'	0	0.77	3.33	0	0.7	1.32	0 Yes	0	Primary Over-Voltage
RRK064	1145	'403641836_/_50678162_1'	0	0.77	3.33	0	0.5	1.33	0 Yes	0	Primary Over-Voltage
RRK064	1146	'9657492_/_9657489'	0	0.73	3.33	0	0.3	1.33	0 Yes	0	Primary Over-Voltage
RRK064	1147	'7764508_/_7764505'	0	0.73	3.33	0	0.3	1.33	0 Yes	0	Primary Over-Voltage
RRK064	1148	'8028762_/_8400640'	0	0.73	3.33	0	0.3	1.31	0 Yes	0	Primary Over-Voltage
RRK064	1149	'6439767_/_6439764'	0	0.77	3.33	0	0.3	1.3	0 Yes	0	Primary Over-Voltage
RRK064	1150	'6439993_/_43917384'	0	0.73	3.33	0	0.7	1.31	0 Yes	0	Primary Over-Voltage
RRK064	1151	'625184285_/_63668602_1'	0	0.73	3.33	0	0.3	1.31	0 Yes	0	Primary Over-Voltage
RRK064	1152	'8400430_/_8711646_1'	0	0.73	3.33	0	0.3	1.3	0 Yes	0	Primary Over-Voltage
RRK064	1153	'63668645_/_63668602_2'	0	0.73	3.33	0	0.3	1.31	0 Yes	0	Primary Over-Voltage
RRK064	1154	'7450967_/_7450964'	0	0.73	3.33	0	0.3	1.31	0 Yes	0	Primary Over-Voltage
RRK064	1155	'8085698_/_8085695'	0	0.73	3.33	0	0.3	1.3	0 Yes	0	Primary Over-Voltage
RRK064	1156	'7636968_/_8580802'	0	0.67	3.33	0	0.5	1.27	0 Yes	0	Primary Over-Voltage
RRK064	1157	'8085730_/_8085727'	0	0.73	3.33	0	0.3	1.3	0 Yes	0	Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RRK064	1158	'8270519_/9214368'	0	0.67	3.33	0	0.5	1.27	0 Yes	0	Primary Over-Voltage
RRK064	1159	'8400431_/8400428'	0	0.73	3.33	0	0.3	1.28	0 Yes	0	Primary Over-Voltage
RRK064	1160	'9342655_/9342652_1'	0	0.73	3.33	0	0.3	1.28	0 Yes	0	Primary Over-Voltage
RRK064	1161	'36143714_/9657663'	0	0.73	3.33	0	0.3	1.29	0 Yes	0	Primary Over-Voltage
RRK064	1162	'7955255_/7955252'	0	0.63	3.33	0	0.7	1.26	0 Yes	0	Primary Over-Voltage
RRK064	1163	'6439994_/6439991'	0	0.73	3.33	0	0.7	1.28	0 Yes	0	Primary Over-Voltage
RRK064	1164	'6440045_/6440043_1'	0	0.73	3.33	0	0.3	1.27	0 Yes	0	Primary Over-Voltage
RRK064	1165	'8711172_/9657261'	0	0.73	3.33	0	0.3	1.26	0 Yes	0	Primary Over-Voltage
RRK064	1166	'7764267_/7764265'	0	0.73	3.33	0	0.3	1.24	0 Yes	0	Primary Over-Voltage
RRK064	1167	'8085682_/601425053'	0	0.73	3.33	0	0.3	1.25	0 Yes	0	Primary Over-Voltage
RRK064	1168	'7451274_/7451272'	0	0.73	3.33	0	0.3	1.25	0 Yes	0	Primary Over-Voltage
RRK064	1169	'6438964_/6440043_2'	0	0.73	3.33	0	0.3	1.25	0 Yes	0	Primary Over-Voltage
RRK064	1170	'7764640_/8400540_1'	0	0.73	3.33	0	0.5	1.25	0 Yes	0	Primary Over-Voltage
RRK064	1171	'37795881_/8270452'	0	0.63	3.33	0	0.7	1.23	0 Yes	0	Primary Over-Voltage
RRK064	1172	'6440007_/6440004'	0	0.73	3.33	0	0.7	1.24	0 Yes	0	Primary Over-Voltage
RRK064	1173	'8085585_/9029887'	0	0.73	3.33	0	0.3	1.24	0 Yes	0	Primary Over-Voltage
RRK064	1174	'8711452_/9657457'	0	0.77	3.33	0	0.7	1.21	0 Yes	0	Primary Over-Voltage
RRK064	1175	'9214435_/9526364'	0	0.63	3.33	0	0.7	1.2	0 Yes	0	Primary Over-Voltage
RRK064	1176	'473406867_/473406890'	0	0.73	3.33	0	0.3	1.22	0 Yes	0	Primary Over-Voltage
RRK064	1177	'4550903_/8085471'	0	0.73	3.33	0	0.3	1.21	0 Yes	0	Primary Over-Voltage
RRK064	1178	'650160142_/650160164'	0	0.63	3.33	0	0.7	1.19	0 Yes	0	Primary Over-Voltage
RRK064	1179	'8711173_/8711170'	0	0.7	3.33	0	0.3	1.22	0 Yes	0	Primary Over-Voltage
RRK064	1180	'43917393_/6438962'	0	0.7	3.33	0	0.3	1.21	0 Yes	0	Primary Over-Voltage
RRK064	1181	'9342974_/9342988'	0	0.7	3.33	0	0.3	1.22	0 Yes	0	Primary Over-Voltage
RRK064	1182	'642041172_/642042307'	0	0.63	3.33	0	0.5	1.18	0 Yes	0	Primary Over-Voltage
RRK064	1183	'470542195_/470542217'	0	0.63	3.33	0	0.5	1.18	0 Yes	0	Primary Over-Voltage
RRK064	1184	'7764396_/8711450'	0	0.73	3.33	0	0.7	1.18	0 Yes	0	Primary Over-Voltage
RRK064	1185	'8085586_/8085583'	0	0.7	3.33	0	0.3	1.2	0 Yes	0	Primary Over-Voltage
RRK064	1186	'43917371_/6440030'	0	0.7	3.33	0	0.7	1.2	0 Yes	0	Primary Over-Voltage
RRK064	1187	'7636969_/7636966_1'	0	0.57	3.33	0	0.5	1.17	0 Yes	0	Primary Over-Voltage
RRK064	1188	'6438952_/6438949'	0	0.7	3.33	0	0.3	1.19	0 Yes	0	Primary Over-Voltage
RRK064	1189	'403641828_/403641641_1'	0	0.7	3.33	0	0.1	1.18	0 Yes	0	Primary Over-Voltage
RRK064	1190	'9214434_/9214432'	0	0.63	3.33	0	0.7	1.15	0 Yes	0	Primary Over-Voltage
RRK064	1191	'6438938_/6440017'	0	0.7	3.33	0	0.7	1.18	0 Yes	0	Primary Over-Voltage
RRK064	1192	'6440195_/6440192'	0	0.7	3.33	0	0.3	1.16	0 Yes	0	Primary Over-Voltage
RRK064	1193	'8400214_/8711186'	0	0.7	3.33	0	0.3	1.15	0 Yes	0	Primary Over-Voltage
RRK064	1194	'43918151_/6438936'	0	0.7	3.33	0	0.7	1.15	0 Yes	0	Primary Over-Voltage
RRK064	1195	'9342574_/9342972'	0	0.67	3.33	0	0.3	1.14	0 Yes	0	Primary Over-Voltage
RRK064	1196	'7764395_/7764393'	0	0.7	3.33	0	0.7	1.12	0 Yes	0	Primary Over-Voltage
RRK064	1197	'43917404_/6440208'	0	0.7	3.33	0	0.3	1.12	0 Yes	0	Primary Over-Voltage
RRK064	1198	'8270518_/8270516'	0	0.6	3.33	0	0.5	1.1	0 Yes	0	Primary Over-Voltage
RRK064	1199	'9342575_/9342572'	0	0.67	3.33	0	0.3	1.12	0 Yes	0	Primary Over-Voltage
RRK064	1200	'7450902_/7450900'	0	0.7	3.33	0	0.3	1.11	0 Yes	0	Primary Over-Voltage
RRK064	1201	'8711404_/8711402'	0	0.7	3.33	0	0.7	1.08	0 Yes	0	Primary Over-Voltage
RRK064	1202	'8400215_/8400212'	0	0.67	3.33	0	0.3	1.09	0 Yes	0	Primary Over-Voltage
RRK064	1203	'7764220_/9029823'	0	0.67	3.33	0	0.3	1.08	0 Yes	0	Primary Over-Voltage
RRK064	1204	'43917416_/43917406'	0	0.67	3.33	0	0.3	1.08	0 Yes	0	Primary Over-Voltage
RRK064	1205	'7764411_/8711434'	0	0.7	3.33	0	0.7	1.05	0 Yes	0	Primary Over-Voltage
RRK064	1206	'403641622_/403641641_2'	0	0.67	3.33	0	0.1	1.06	0 Yes	0	Primary Over-Voltage
RRK064	1207	'6440224_/6440221'	0	0.67	3.33	0	0.3	1.06	0 Yes	0	Primary Over-Voltage
RRK064	1208	'6443692_/6443689'	0	0.67	3.33	0	0.3	1.03	0 Yes	0	Primary Over-Voltage
RRK064	1209	'420691292_/9526448'	0	0.57	3.33	0	0.5	1	0 Yes	0	Primary Over-Voltage
RRK064	1210	'473798225_/642041202'	0	0.57	3.33	0	0.5	0.95	0 Yes	0	Primary Over-Voltage
RRK064	1211	'473798193_/473798241'	0	0.57	3.33	0	0.5	0.9	0 Yes	0	Primary Over-Voltage
RRK064	1212	'473798137_/473798209'	0	0.53	3.33	0	0.5	0.81	0 Yes	0	Primary Over-Voltage
RRK071	0	'RRK071_/411817788_2'	10	10	10	5.208	10	10	5.22 No	5.208	Thermal Discharging
RRK071	1	'410668100_/411817788_2'	10	10	10	5.208	10	10	5.22 No	5.208	Thermal Discharging
RRK071	2	'411817691_/411817788_1'	10	10	10	5.208	10	10	5.22 No	5.208	Thermal Discharging
RRK071	3	'5569734_/5569732'	10	10	10	5.208	10	10	5.22 No	5.208	Thermal Discharging
RRK071	4	'5569752_/5569749'	10	10	10	5.208	10	10	5.22 No	5.208	Thermal Discharging
RRK071	5	'5569772_/5569769'	10	10	10	5.208	10	10	5.22 No	5.208	Thermal Discharging
RRK071	6	'5569789_/5569786'	10	10	10	5.208	10	10	5.22 No	5.208	Thermal Discharging
RRK071	7	'5577076_/5577073'	10	10	10	5.208	10	10	5.22 No	5.208	Thermal Discharging
RRK071	8	'5577093_/5577090'	10	10	10	5.208	10	10	5.22 No	5.208	Thermal Discharging
RRK071	9	'5577110_/5577107'	10	10	10	5.208	10	10	5.22 No	5.208	Thermal Discharging
RRK071	10	'5577127_/5577124'	10	10	10	5.208	10	10	5.22 No	5.208	Thermal Discharging
RRK071	11	'5577144_/5577141'	10	10	10	5.208	10	10	5.22 No	5.208	Thermal Discharging
RRK071	12	'5577161_/5577158'	10	10	10	5.208	10	10	5.22 No	5.208	Thermal Discharging
RRK071	13	'5577246_/5577243'	10	10	10	5.208	10	10	5.22 No	5.208	Thermal Discharging
RRK071	14	'5577263_/5577260'	10	10	10	5.208	10	10	5.22 No	5.208	Thermal Discharging
RRK071	15	'70128397_/5577277'	10	10	10	5.208	10	10	5.22 No	5.208	Thermal Discharging
RRK071	16	'50979359_/50979352'	10	10	10	5.208	10	10	5.22 No	5.208	Thermal Discharging
RRK071	17	'50979538_/50979373_3'	10	10	10	5.208	10	10	5.22 No	5.208	Thermal Discharging
RRK071	18	'122427173_/50979373_2'	10	10	10	5.208	10	10	5.22 No	5.208	Thermal Discharging
RRK071	19	'4524274_/50979373_1'	10	10	10	5.208	10	10	5.22 No	5.208	Thermal Discharging
RRK071	20	'130443312_/71810044_3'	3.33	3.33	3.33	1.736	1.6	3.33	1.74 No	1.6	Element Fault
RRK071	21	'4524291_/4524288'	10	10	10	5.208	10	10	5.22 No	5.208	Thermal Discharging
RRK071	22	'122427237_/71810044_2'	3.33	3.33	3.33	1.736	0.5	3.33	1.74 No	0.5	Element Fault
RRK071	23	'4524308_/4524305'	10	10	10	5.208	10	10	5.22 No	5.208	Thermal Discharging
RRK071	24	'4524325_/4524322'	10	10	10	5.208	10	10	5.22 No	5.208	Thermal Discharging
RRK071	25	'4524342_/4524339'	10	10	10	5.208	10	10	5.22 No	5.208	Thermal Discharging
RRK071	26	'4524426_/4524441'	10	10	10	5.208	10	10	5.22 No	5.208	Thermal Discharging
RRK071	27	'7194263_/7194282'	10	10	10	5.208	10	10	5.22 No	5.208	Thermal Discharging
RRK071	28	'71810047_/71810044_1'	3.33	3.33	3.33	1.736	0.5	3.33	1.74 No	0.5	Element Fault
RRK071	29	'351328375_/7194306'	10	10	10	5.208	10	10	5.22 No	5.208	Thermal Discharging
RRK071	30	'4531639_/351328377'	10	10	10	5.208	10	10	5.22 No	5.208	Thermal Discharging
RRK071	31	'122427217_/122427214'	3.33	3.33	3.33	1.736	0.5	3.33	1.74 No	0.5	Element Fault
RRK071	32	'43522903_/4531637'	10	10	10	5.208	10	10	5.22 No	5.208	Thermal Discharging
RRK071	33	'4535233_/4535230'	10	10	10	5.208	10	10	5.22 No	5.208	Thermal Discharging
RRK071	34	'4535250_/4535247'	10	10	10	5.208	10	10	5.22 No	5.208	Thermal Discharging
RRK071	35	'4535423_/4535420_2'	3.33	3.33	3.33	1.736	1.2	3.33	1.74 No	1.2	Element Fault
RRK071	36	'4535135_/4535264'	10	10	10	5.208	10	10	5.22 No	5.208	Thermal Discharging
RRK071	37	'4535284_/4535281'	10	10	10	5.208	10	10	5.22 No	5.208	Thermal Discharging
RRK071	38	'4535123_/4535420_1'	3.33	3.33	3.33	1.736	0.6	3.33	1.74 No	0.6	Element Fault

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RRK071	39	'4535136_/4535149_1'	3.33	3.33	3.33	1.736	0.7	3.33	1.74 No	0.7	Element Fault
RRK071	40	'43522890_/4535298'	10	10	10	5.208	10	10	5.22 No	5.208	Thermal Discharging
RRK071	41	'4535152_/4535149_2'	3.33	3.33	3.33	1.736	0.7	3.33	1.74 No	0.7	Element Fault
RRK071	42	'4534980_/4535400'	10	10	10	5.208	10	10	5.22 No	5.208	Thermal Discharging
RRK071	43	'4534981_/4534978'	10	10	10	5.208	10	10	5.22 No	5.208	Thermal Discharging
RRK071	44	'4534997_/4535467'	10	10	10	5.208	10	10	5.22 No	5.208	Thermal Discharging
RRK071	45	'4534998_/4534995'	10	10	10	5.208	10	10	5.22 No	5.208	Thermal Discharging
RRK071	46	'4535015_/4535012'	10	10	10	5.208	10	10	5.22 No	5.208	Thermal Discharging
RRK071	47	'4531403_/4535120'	3.33	3.33	3.33	1.736	0.6	3.33	1.74 No	0.6	Element Fault
RRK071	48	'4531211_/4535029'	10	10	10	5.208	10	10	5.22 No	5.208	Thermal Discharging
RRK071	49	'4531069_/4531209'	10	10	10	5.208	10	10	5.22 No	5.208	Thermal Discharging
RRK071	50	'4531070_/4531067'	10	10	10	5.208	10	10	5.22 No	5.208	Thermal Discharging
RRK071	51	'4531090_/4531087'	10	10	10	5.208	10	10	5.22 No	5.208	Thermal Discharging
RRK071	52	'4531107_/4531104'	10	10	10	5.208	10	10	5.22 No	5.208	Thermal Discharging
RRK071	53	'43523018_/4535162'	3.33	3.33	3.33	1.736	0.7	3.33	1.74 No	0.7	Element Fault
RRK071	54	'4531124_/4531121'	10	10	10	5.208	10	10	5.22 No	5.208	Thermal Discharging
RRK071	55	'4531141_/4531138'	10	10	10	5.208	10	10	5.22 No	5.208	Thermal Discharging
RRK071	56	'4531158_/4531155'	10	10	10	5.208	10	10	5.22 No	5.208	Thermal Discharging
RRK071	57	'43523041_/4531400'	3.33	3.33	3.33	1.736	0.6	3.33	1.74 No	0.6	Element Fault
RRK071	58	'4531175_/4531172'	10	10	10	5.208	10	10	5.22 No	5.208	Thermal Discharging
RRK071	59	'4524077_/4531189'	10	10	10	5.208	10	10	5.22 No	5.208	Thermal Discharging
RRK071	60	'4532035_/43523031'	3.33	3.33	3.33	1.736	0.6	3.33	1.74 No	0.6	Element Fault
RRK071	61	'4524078_/4524075'	10	10	10	5.208	10	10	5.22 No	5.208	Thermal Discharging
RRK071	62	'4535165_/43523020'	3.33	3.33	3.33	1.736	0.7	3.33	1.74 No	0.7	Element Fault
RRK071	63	'4524095_/4524092'	10	10	10	5.208	10	10	5.22 No	5.208	Thermal Discharging
RRK071	64	'4525896_/4525893'	10	10	10	5.208	10	10	5.22 No	5.208	Thermal Discharging
RRK071	65	'4527772_/4527769'	10	10	10	5.208	10	10	5.22 No	5.208	Thermal Discharging
RRK071	66	'4527789_/4527786'	10	10	10	5.208	10	10	5.22 No	5.208	Thermal Discharging
RRK071	67	'4527853_/4527850'	10	10	10	5.208	10	10	5.22 No	5.208	Thermal Discharging
RRK071	68	'4527870_/4527867'	10	10	10	5.208	10	10	5.22 No	5.208	Thermal Discharging
RRK071	69	'4524854_/4527884'	10	10	10	5.208	10	10	5.22 No	5.208	Thermal Discharging
RRK071	70	'4524855_/4524852'	10	10	10	5.208	10	10	5.22 No	5.208	Thermal Discharging
RRK071	71	'4524872_/4524869'	10	10	10	5.208	10	10	5.22 No	5.208	Thermal Discharging
RRK071	72	'4524889_/4524886'	10	10	10	5.208	10	10	5.22 No	5.208	Thermal Discharging
RRK071	73	'4524906_/4524903'	10	10	10	5.208	10	10	5.22 No	5.208	Thermal Discharging
RRK071	74	'4524923_/4524920'	10	10	10	5.208	10	10	5.22 No	5.208	Thermal Discharging
RRK071	75	'4524940_/4524937'	10	10	10	5.208	10	10	5.22 No	5.208	Thermal Discharging
RRK071	76	'76702150_/53954249_1'	10	10	10	5.208	10	10	5.22 No	5.208	Thermal Discharging
RRK071	77	'76702123_/53954249_2'	10	10	10	5.208	10	10	5.22 No	5.208	Thermal Discharging
RRK071	78	'4528018_/53954249_3'	10	10	10	5.208	10	10	5.22 No	5.208	Thermal Discharging
RRK071	79	'53954178_/4533911'	10	10	10	5.208	10	10	5.22 No	5.208	Thermal Discharging
RRK071	80	'4525047_/53954175'	10	10	10	5.208	10	10	5.22 No	5.208	Thermal Discharging
RRK071	81	'4525048_/4525045'	10	10	10	5.208	10	10	5.22 No	5.208	Thermal Discharging
RRK071	82	'4525065_/4525062'	10	10	10	5.208	10	10	5.22 No	5.208	Thermal Discharging
RRK071	83	'4525082_/4525079'	10	10	10	5.208	10	10	5.22 No	5.208	Thermal Discharging
RRK071	84	'4525099_/4525096'	10	10	10	5.208	10	10	5.22 No	5.208	Thermal Discharging
RRK071	85	'4525116_/4525113'	10	10	10	5.208	10	10	5.22 No	5.208	Thermal Discharging
RRK071	86	'4525170_/4525167'	10	10	10	5.208	10	10	5.22 No	5.208	Thermal Discharging
RRK071	87	'4525187_/4525184'	10	10	10	5.208	10	10	5.22 No	5.208	Thermal Discharging
RRK071	88	'4532400_/4532397'	10	10	10	5.208	10	10	5.22 No	5.208	Thermal Discharging
RRK071	89	'4532417_/4532414'	10	10	10	5.208	10	10	5.22 No	5.208	Thermal Discharging
RRK071	90	'4532802_/4532799'	10	10	10	5.208	10	10	5.22 No	5.208	Thermal Discharging
RRK071	91	'4532856_/4532904'	10	10	10	5.208	10	10	5.22 No	5.208	Thermal Discharging
RRK071	92	'4532839_/4532854'	10	10	10	5.208	10	10	5.22 No	5.208	Thermal Discharging
RRK071	93	'4525376_/4532837'	10	10	10	5.208	10	10	5.22 No	5.208	Thermal Discharging
RRK071	94	'4525377_/4525374'	10	10	10	5.208	10	10	5.22 No	5.208	Thermal Discharging
RRK071	95	'4525394_/4525391'	10	10	10	5.208	10	10	5.22 No	5.208	Thermal Discharging
RRK071	96	'515239341_/51193612'	10	10	10	5.208	10	10	5.22 No	5.208	Thermal Discharging
RRK071	97	'51193635_/515239345'	10	10	10	5.208	10	10	5.22 No	5.208	Thermal Discharging
RRK071	98	'515239428_/515239409_1'	10	10	10	5.208	1.5	10	5.22 No	1.5	Element Fault
RRK071	99	'51193660_/51193637'	10	10	10	5.208	10	10	5.22 No	5.208	Thermal Discharging
RRK071	100	'51193685_/51193662'	10	10	10	5.208	10	10	5.22 No	5.208	Thermal Discharging
RRK071	101	'500512196_/51193692'	10	10	10	5.208	10	10	5.22 No	5.208	Thermal Discharging
RRK071	102	'51193695_/500512200'	10	10	10	5.208	10	10	5.22 No	5.208	Thermal Discharging
RRK071	103	'430224989_/500512017_1'	10	10	10	5.208	4.3	10	5.22 No	4.3	Element Fault
RRK071	104	'500512185_/500512073_2'	10	10	10	5.208	4.3	10	5.22 No	4.3	Element Fault
RRK071	105	'430224950_/500512017_2'	10	10	10	5.208	4.3	10	5.22 No	4.3	Element Fault
RRK071	106	'612879665_/612879748_2'	10	10	10	5.208	4.3	10	5.22 No	4.3	Element Fault
RRK071	107	'612879722_/612879748_1'	10	10	10	5.208	4.3	10	5.22 No	4.3	Element Fault
RRK071	108	'515239393_/515239409_2'	10	10	10	5.208	1.5	10	5.22 No	1.5	Element Fault
RRK071	109	'500512057_/500512073_1'	10	10	10	5.208	1.5	10	5.22 No	1.5	Element Fault
RRK071	110	'503232041_/503231780_2'	10	10	10	5.208	4.3	10	5.22 No	4.3	Element Fault
RRK071	111	'51193824_/503231780_1'	10	10	10	5.208	4.3	10	5.22 No	4.3	Element Fault
RRK071	112	'51370510_/51193785_2'	3.33	3.33	3.33	1.736	1.43	3.33	1.74 No	1.43	Element Fault
RRK071	113	'57548302_/57548299'	10	10	10	5.208	4.3	10	5.22 No	4.3	Element Fault
RRK071	114	'491725098_/52653522_3'	10	10	10	5.208	4.3	10	5.22 No	4.3	Element Fault
RRK071	115	'4528330_/51193800'	10	10	10	5.208	4.3	10	5.22 No	4.3	Element Fault
RRK071	116	'51193827_/51193785_1'	3.33	3.33	3.33	1.736	0.6	3.33	1.74 No	0.6	Element Fault
RRK071	117	'4528360_/4528377'	10	10	10	5.208	4.3	10	5.22 No	4.3	Element Fault
RRK071	118	'43531336_/43531338'	10	10	10	5.208	4.3	10	5.22 No	4.3	Element Fault
RRK071	119	'4497533_/4497531'	10	10	10	5.208	4.3	10	5.22 No	4.3	Element Fault
RRK071	120	'4497695_/4497693'	10	10	10	5.208	4.3	10	5.22 No	4.3	Element Fault
RRK071	121	'4528475_/4528489'	10	10	10	5.208	4.3	10	5.22 No	4.3	Element Fault
RRK071	122	'4528458_/4528472'	10	10	10	5.208	4.3	10	5.22 No	4.3	Element Fault
RRK071	123	'4497517_/4528455'	10	10	10	5.208	4.3	10	5.22 No	4.3	Element Fault
RRK071	124	'4497500_/4497514'	10	10	10	5.208	4.3	10	5.22 No	4.3	Element Fault
RRK071	125	'4497483_/4497497'	10	10	10	5.208	4.3	10	5.22 No	4.3	Element Fault
RRK071	126	'467566107_/467566054_2'	10	10	10	5.208	4.3	10	5.22 No	4.3	Element Fault
RRK071	127	'467566041_/467566054_1'	10	10	10	5.208	4.3	10	5.22 No	4.3	Element Fault
RRK071	128	'4497466_/4497480'	10	10	10	5.208	4.3	10	5.22 No	4.3	Element Fault
RRK071	129	'4497449_/4497463'	10	10	10	5.208	4.3	10	5.22 No	4.3	Element Fault
RRK071	130	'4497432_/4497446'	10	10	10	5.208	4.3	10	5.22 No	4.3	Element Fault
RRK071	131	'4497431_/4497429'	10	10	10	5.208	4.3	10	5.22 No	4.3	Element Fault
RRK071	132	'4497415_/4497602'	10	10	10	5.208	4.3	10	5.22 No	4.3	Element Fault

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RRK071	133	'4497398_/_4497412'		10	10	10	5.208	4.3	10	5.22 No	4.3 Element Fault
RRK071	134	'4497381_/_4497395'		10	10	10	5.208	4.3	10	5.22 No	4.3 Element Fault
RRK071	135	'4497380_/_4497378'		10	10	10	5.208	4.3	10	5.22 No	4.3 Element Fault
RRK071	136	'4497550_/_4497619'		10	10	10	5.208	4.3	10	5.22 No	4.3 Element Fault
RRK071	137	'383820604_/_4529334'		10	10	10	5.208	4.3	10	5.22 No	4.3 Element Fault
RRK071	138	'118539754_/_383820608'		10	10	10	5.208	4.3	10	5.22 No	4.3 Element Fault
RRK071	139	'403920511_/_383820167'		10	10	10	5.208	4.3	10	5.22 No	4.3 Element Fault
RRK071	140	'403920529_/_383819989_1'		10	10	10	5.208	4.3	10	5.22 No	4.3 Element Fault
RRK071	141	'374248028_/_383819989_2'		10	10	10	5.208	4.3	10	5.22 No	4.3 Element Fault
RRK072	0	'RRK072_/_8663919'		10	10	10	0.648	10	10	10 No	0.648 Thermal Discharging
RRK072	1	'5571594_/_8663919'		10	10	10	0.648	10	10	10 No	0.648 Thermal Discharging
RRK072	2	'5571489_/_5571592'		10	10	10	0.648	10	10	10 No	0.648 Thermal Discharging
RRK072	3	'5571473_/_5571487'		10	10	10	0.648	10	10	10 No	0.648 Thermal Discharging
RRK072	4	'5571507_/_5571504'		10	10	10	0.648	10	10	10 No	0.648 Thermal Discharging
RRK072	5	'43739756_/_43739758'		10	10	10	0.648	10	10	10 No	0.648 Thermal Discharging
RRK072	6	'70621158_/_5571646'		10	10	10	0.648	10	10	10 No	0.648 Thermal Discharging
RRK072	7	'70621175_/_70621172'		10	10	10	0.648	10	10	10 No	0.648 Thermal Discharging
RRK072	8	'70621164_/_7169522'		10	10	10	0.648	10	10	10 No	0.648 Thermal Discharging
RRK072	9	'5571776_/_5571808'		10	10	10	0.648	10	10	10 No	0.648 Thermal Discharging
RRK072	10	'5571777_/_5571774'		10	10	10	0.648	10	10	10 No	0.648 Thermal Discharging
RRK072	11	'157838628_/_157828891_1'	3.33		3.33	3.33	0.216	0.5	3.33	3.33 No	0.216 Thermal Discharging
RRK072	12	'5565270_/_5571791'		10	10	10	0.648	10	10	10 No	0.648 Thermal Discharging
RRK072	13	'5569647_/_5569644'		10	10	10	0.648	10	10	10 No	0.648 Thermal Discharging
RRK072	14	'44075049_/_5569661'		10	10	10	0.648	10	10	10 No	0.648 Thermal Discharging
RRK072	15	'5569664_/_44075051'		10	10	10	0.648	10	10	10 No	0.648 Thermal Discharging
RRK072	16	'5565271_/_5565268'		10	10	10	0.648	4.6	10	10 No	0.648 Thermal Discharging
RRK072	17	'350578306_/_350578303'		10	10	10	0.648	4.6	10	10 No	0.648 Thermal Discharging
RRK072	18	'7182463_/_7182461'		10	10	10	0.648	10	10	10 No	0.648 Thermal Discharging
RRK072	19	'7503668_/_8446864_3'		10	10	10	0.648	10	10	10 No	0.648 Thermal Discharging
RRK072	20	'347195431_/_7719258_2'		10	10	10	0.648	4.6	10	10 No	0.648 Thermal Discharging
RRK072	21	'157828894_/_157828891_2'	3.33		3.33	3.33	0.216	0.5	3.33	3.33 No	0.216 Thermal Discharging
RRK072	22	'8446866_/_8446864_2'		10	10	10	0.648	10	10	10 No	0.648 Thermal Discharging
RRK072	23	'7182427_/_8446864_1'		10	10	10	0.648	10	10	10 No	0.648 Thermal Discharging
RRK072	24	'5565294_/_5565291'	3.33		3.33	3.33	0.216	1.5	3.33	3.33 No	0.216 Thermal Discharging
RRK072	25	'43740396_/_7182424'		10	10	10	0.648	10	10	10 No	0.648 Thermal Discharging
RRK072	26	'5566609_/_5570648'		10	10	10	0.648	10	10	10 No	0.648 Thermal Discharging
RRK072	27	'5566592_/_5566606'		10	10	10	0.648	10	10	10 No	0.648 Thermal Discharging
RRK072	28	'5566575_/_5566589'		10	10	10	0.648	10	10	10 No	0.648 Thermal Discharging
RRK072	29	'7719261_/_7719258_1'		10	10	10	0.648	1.5	10	10 No	0.648 Thermal Discharging
RRK072	30	'5566558_/_5566572'		10	10	10	0.648	10	10	10 No	0.648 Thermal Discharging
RRK072	31	'5535663_/_5566555'		10	10	10	0.648	10	10	10 No	0.648 Thermal Discharging
RRK072	32	'157828909_/_157828906'	3.33		3.33	3.33	0.216	0.5	3.33	3.33 No	0.216 Thermal Discharging
RRK072	33	'5535646_/_5535660'		10	10	10	0.648	10	10	10 No	0.648 Thermal Discharging
RRK072	34	'5535629_/_5535643'		10	10	10	0.648	10	10	10 No	0.648 Thermal Discharging
RRK072	35	'5535628_/_5535626'		10	10	10	0.648	10	10	10 No	0.648 Thermal Discharging
RRK072	36	'537920752_/_157828931'	3.33		3.33	3.33	0.216	0.5	3.33	3.33 No	0.216 Thermal Discharging
RRK072	37	'43739434_/_5562739'		10	10	10	0.648	10	10	10 No	0.648 Thermal Discharging
RRK072	38	'513268585_/_513268589'		10	10	10	0.648	10	10	10 No	0.648 Thermal Discharging
RRK072	39	'513268724_/_450549323_2'		10	10	10	0.648	10	10	10 No	0.648 Thermal Discharging
RRK072	40	'450549319_/_450549323_1'		10	10	10	0.648	10	10	10 No	0.648 Thermal Discharging
RRK072	41	'43739421_/_5562722'		10	10	10	0.648	10	10	10 No	0.648 Thermal Discharging
RRK072	42	'513268635_/_513268641'		10	10	10	0.648	10	10	10 No	0.648 Thermal Discharging
RRK072	43	'43739447_/_43739449'		10	10	10	0.648	10	10	10 No	0.648 Thermal Discharging
RRK072	44	'5572934_/_5572932'		10	10	10	0.648	10	10	10 No	0.648 Thermal Discharging
RRK072	45	'8356733_/_8356730'		10	10	10	0.648	1.5	10	10 No	0.648 Thermal Discharging
RRK072	46	'9610774_/_9610771'	2.4		3.33	3.33	0.216	0.5	3.33	3.33 No	0.216 Thermal Discharging
RRK081	0	'RRK081_/_8439658'		10	10	10	4.408	10	10	5.09 No	4.408 Thermal Discharging
RRK081	1	'411817947_/_8439658'		10	10	10	4.408	10	10	5.09 No	4.408 Thermal Discharging
RRK081	2	'433402676_/_420219931_1'		10	10	10	4.408	10	10	5.09 No	4.408 Thermal Discharging
RRK081	3	'76702200_/_420219931_2'		10	10	10	4.408	10	10	5.09 No	4.408 Thermal Discharging
RRK081	4	'76702201_/_4539980'		10	10	10	4.408	10	10	5.09 No	4.408 Thermal Discharging
RRK081	5	'4530230_/_76702175'		10	10	10	4.408	10	10	5.09 No	4.408 Thermal Discharging
RRK081	6	'4530231_/_4530228'		10	10	10	4.408	10	10	5.09 No	4.408 Thermal Discharging
RRK081	7	'4530370_/_4530419'		10	10	10	4.408	10	10	5.09 No	4.408 Thermal Discharging
RRK081	8	'4530371_/_4530368'		10	10	10	4.408	10	10	5.09 No	4.408 Thermal Discharging
RRK081	9	'4530388_/_4530385'		10	10	10	4.408	10	10	5.09 No	4.408 Thermal Discharging
RRK081	10	'4530156_/_4530402'		10	10	10	4.408	10	10	5.09 No	4.408 Thermal Discharging
RRK081	11	'4530157_/_4530154'		10	10	10	4.408	10	10	5.09 No	4.408 Thermal Discharging
RRK081	12	'4530173_/_4530208'		10	10	10	4.408	10	10	5.09 No	4.408 Thermal Discharging
RRK081	13	'4530174_/_4530171'		10	10	10	4.408	10	10	5.09 No	4.408 Thermal Discharging
RRK081	14	'4528683_/_4530191'		10	10	10	4.408	10	10	5.09 No	4.408 Thermal Discharging
RRK081	15	'4528684_/_4528681'		10	10	10	4.408	10	10	5.09 No	4.408 Thermal Discharging
RRK081	16	'4528718_/_4528715'		10	10	10	4.408	10	10	5.09 No	4.408 Thermal Discharging
RRK081	17	'4528735_/_4528732'		10	10	10	4.408	10	10	5.09 No	4.408 Thermal Discharging
RRK081	18	'4529940_/_4529937'		10	10	10	4.408	10	10	5.09 No	4.408 Thermal Discharging
RRK081	19	'4528700_/_4529954'		10	10	10	4.408	10	10	5.09 No	4.408 Thermal Discharging
RRK081	20	'4528701_/_4528698'		10	10	10	4.408	10	10	5.09 No	4.408 Thermal Discharging
RRK081	21	'4529803_/_4529800'		10	10	10	4.408	10	10	5.09 No	4.408 Thermal Discharging
RRK081	22	'4528751_/_4529817'		10	10	10	4.408	10	10	5.09 No	4.408 Thermal Discharging
RRK081	23	'4528752_/_4528749'		10	10	10	4.408	10	10	5.09 No	4.408 Thermal Discharging
RRK081	24	'4528769_/_4528766'		10	10	10	4.408	10	10	5.09 No	4.408 Thermal Discharging
RRK081	25	'4528789_/_4528786'		10	10	10	4.408	10	10	5.09 No	4.408 Thermal Discharging
RRK081	26	'441038586_/_4528806_1'		10	10	10	4.408	10	10	5.09 No	4.408 Thermal Discharging
RRK081	27	'4528809_/_4528806_2'		10	10	10	4.408	10	10	5.09 No	4.408 Thermal Discharging
RRK081	28	'4528826_/_4528823'		10	10	10	4.408	10	10	5.09 No	4.408 Thermal Discharging
RRK081	29	'4521972_/_4528840'		10	10	10	4.408	10	10	5.09 No	4.408 Thermal Discharging
RRK081	30	'4521958_/_4521956_1'	3.33		3.33	3.33	1.472	0.8	3.33	1.7 No	0.8 Element Fault
RRK081	31	'4528860_/_4528857'		10	10	10	4.408	10	10	5.09 No	4.408 Thermal Discharging
RRK081	32	'4528877_/_4528874'		10	10	10	4.408	10	10	5.09 No	4.408 Thermal Discharging
RRK081	33	'7173571_/_4528891_1'		10	10	10	4.408	10	10	5.09 No	4.408 Thermal Discharging
RRK081	34	'44071299_/_4528891_2'		10	10	10	4.408	10	10	5.09 No	4.408 Thermal Discharging
RRK081	35	'4521959_/_4521956_2'	3.33		3.33	3.33	1.472	0.8	3.33	1.7 No	0.8 Element Fault
RRK081	36	'44071306_/_44071303'		10	10	10	4.408	10	10	5.09 No	4.408 Thermal Discharging
RRK081	37	'7173572_/_7173569'		10	10	10	4.408	10	10	5.09 No	4.408 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RRK081	38	'7173596_/_7173593'		10	10	10	4.408	10	10	5.09 No	4.408 Thermal Discharging
RRK081	39	'44071314_/_7173610'		10	10	10	4.408	10	10	5.09 No	4.408 Thermal Discharging
RRK081	40	'44071328_/_44071316'		10	10	10	4.408	10	10	5.09 No	4.408 Thermal Discharging
RRK081	41	'7173613_/_44071330'		10	10	10	4.408	10	10	5.09 No	4.408 Thermal Discharging
RRK081	42	'4528910_/_7173627'		10	10	10	4.408	10	10	5.09 No	4.408 Thermal Discharging
RRK081	43	'4528911_/_4528908'		10	10	10	4.408	10	10	5.09 No	4.408 Thermal Discharging
RRK081	44	'7186149_/_7186146'		10	10	10	4.408	10	10	5.09 No	4.408 Thermal Discharging
RRK081	45	'8722934_/_8722932_1'		10	10	10	4.408	10	10	5.09 No	4.408 Thermal Discharging
RRK081	46	'8144929_/_8722932_2'		10	10	10	4.408	10	10	5.09 No	4.408 Thermal Discharging
RRK081	47	'8144930_/_8144927_1'		10	10	10	4.408	10	10	5.09 No	4.408 Thermal Discharging
RRK081	48	'4533947_/_8144927_2'		10	10	10	4.408	10	10	5.09 No	4.408 Thermal Discharging
RRK081	49	'38923657_/_70128326'	6.67		6.67	6.67	2.936	6.67	6.67	3.39 No	2.936 Thermal Discharging
RRK081	50	'70128355_/_70128338_1'	6.67		6.67	6.67	2.936	1.6	6.67	3.39 No	1.6 Element Fault
RRK081	51	'70128341_/_70128338_2'	6.67		6.67	6.67	2.936	1.6	6.67	3.39 No	1.6 Element Fault
RRK081	52	'43525824_/_4533945'		10	10	10	4.408	10	10	5.09 No	4.408 Thermal Discharging
RRK081	53	'4529008_/_43525826'		10	10	10	4.408	10	10	5.09 No	4.408 Thermal Discharging
RRK081	54	'4529025_/_4529022'		10	10	10	4.408	10	10	5.09 No	4.408 Thermal Discharging
RRK081	55	'4529042_/_4529039'		10	10	10	4.408	10	10	5.09 No	4.408 Thermal Discharging
RRK081	56	'4532957_/_4532954'		10	10	10	4.408	10	10	5.09 No	4.408 Thermal Discharging
RRK081	57	'4532974_/_4532971'		10	10	10	4.408	10	10	5.09 No	4.408 Thermal Discharging
RRK081	58	'4532990_/_45329090'		10	10	10	4.408	10	10	5.09 No	4.408 Thermal Discharging
RRK081	59	'4532991_/_4532988_1'		10	10	10	4.408	10	10	5.09 No	4.408 Thermal Discharging
RRK081	60	'4533008_/_4533005'		10	10	10	4.408	10	10	5.09 No	4.408 Thermal Discharging
RRK081	61	'4533025_/_4533022'		10	10	10	4.408	10	10	5.09 No	4.408 Thermal Discharging
RRK081	62	'4533042_/_4533039'		10	10	10	4.408	10	10	5.09 No	4.408 Thermal Discharging
RRK081	63	'4533059_/_4533056'		10	10	10	4.408	10	10	5.09 No	4.408 Thermal Discharging
RRK081	64	'4529058_/_4533073'		10	10	10	4.408	10	10	5.09 No	4.408 Thermal Discharging
RRK081	65	'4529059_/_4529056'		10	10	10	4.408	10	10	5.09 No	4.408 Thermal Discharging
RRK081	66	'4529843_/_4529840'		10	10	10	4.408	10	10	5.09 No	4.408 Thermal Discharging
RRK081	67	'4529075_/_4529857'		10	10	10	4.408	10	10	5.09 No	4.408 Thermal Discharging
RRK081	68	'43525874_/_4529073'		10	10	10	4.408	10	10	5.09 No	4.408 Thermal Discharging
RRK081	69	'4529076_/_43525876'		10	10	10	4.408	10	10	5.09 No	4.408 Thermal Discharging
RRK081	70	'4529093_/_4529090'		10	10	10	4.408	10	10	5.09 No	4.408 Thermal Discharging
RRK081	71	'4529248_/_4529567'		10	10	10	4.408	10	10	5.09 No	4.408 Thermal Discharging
RRK081	72	'4529109_/_4529246'		10	10	10	4.408	10	10	5.09 No	4.408 Thermal Discharging
RRK081	73	'4529110_/_4529107'		10	10	10	4.408	10	10	5.09 No	4.408 Thermal Discharging
RRK081	74	'4529127_/_4529124'		10	10	10	4.408	10	10	5.09 No	4.408 Thermal Discharging
RRK081	75	'4529144_/_4529141'		10	10	10	4.408	10	10	5.09 No	4.408 Thermal Discharging
RRK081	76	'4529161_/_4529158'		10	10	10	4.408	10	10	5.09 No	4.408 Thermal Discharging
RRK081	77	'4529178_/_4529175'		10	10	10	4.408	10	10	5.09 No	4.408 Thermal Discharging
RRK081	78	'4529195_/_4529192'		10	10	10	4.408	10	10	5.09 No	4.408 Thermal Discharging
RRK081	79	'4529212_/_4529209'		10	10	10	4.408	10	10	5.09 No	4.408 Thermal Discharging
RRK081	80	'467950514_/_4529229'		10	10	10	4.408	10	10	5.09 No	4.408 Thermal Discharging
RRK081	81	'467950528_/_465163461_1'		10	10	10	4.408	10	10	5.09 No	4.408 Thermal Discharging
RRK081	82	'4529232_/_465163461_2'		10	10	10	4.408	10	10	5.09 No	4.408 Thermal Discharging
RRK081	83	'4529266_/_4529263'		10	10	10	4.408	10	10	5.09 No	4.408 Thermal Discharging
RRK081	84	'4529283_/_4529280'		10	10	10	4.408	10	10	5.09 No	4.408 Thermal Discharging
RRK081	85	'4529300_/_4529297'		10	10	10	4.408	10	10	5.09 No	4.408 Thermal Discharging
RRK081	86	'4529641_/_4529638'		10	10	10	4.408	10	10	5.09 No	4.408 Thermal Discharging
RRK081	87	'4529658_/_4529655'		10	10	10	4.408	10	10	5.09 No	4.408 Thermal Discharging
RRK081	88	'4529674_/_4529689'		10	10	10	4.408	10	10	5.09 No	4.408 Thermal Discharging
RRK081	89	'43526595_/_4529672'		10	10	10	4.408	10	10	5.09 No	4.408 Thermal Discharging
RRK081	90	'43526622_/_43526597'		10	10	10	4.408	10	10	5.09 No	4.408 Thermal Discharging
RRK081	91	'374247350_/_374247347'		10	10	10	4.408	10	10	5.09 No	4.408 Thermal Discharging
RRK081	92	'403920209_/_374247392_1'		10	10	10	4.408	10	10	5.09 No	4.408 Thermal Discharging
RRK081	93	'374247373_/_374247392_2'		10	10	10	4.408	10	10	5.09 No	4.408 Thermal Discharging
RRK082	0	'RRK082_/_7719492_1'		10	10	10	0.56	10	10	1.89 No	0.56 Thermal Discharging
RRK082	1	'5571705_/_7719492_1'		10	10	10	0.56	10	10	1.89 No	0.56 Thermal Discharging
RRK082	2	'5571524_/_7719492_2'		10	10	10	0.56	10	10	1.89 No	0.56 Thermal Discharging
RRK082	3	'70128691_/_70128688'		10	10	10	0.56	10	10	1.88 No	0.56 Thermal Discharging
RRK082	4	'5571686_/_5571683'		10	10	10	0.56	10	10	1.88 No	0.56 Thermal Discharging
RRK082	5	'5571723_/_5571720'		10	10	10	0.56	10	10	1.88 No	0.56 Thermal Discharging
RRK082	6	'44069888_/_44069892'		10	10	10	0.56	10	10	1.88 No	0.56 Thermal Discharging
RRK082	7	'5569890_/_7169502'		10	10	10	0.56	10	10	1.87 No	0.56 Thermal Discharging
RRK082	8	'44069875_/_5569888'		10	10	10	0.56	10	10	1.87 No	0.56 Thermal Discharging
RRK082	9	'5569806_/_44069877'		10	10	10	0.56	10	10	1.86 No	0.56 Thermal Discharging
RRK082	10	'5569680_/_5569908'		10	10	10	0.56	10	10	1.85 No	0.56 Thermal Discharging
RRK082	11	'5569681_/_5569678'		10	10	10	0.56	10	10	1.85 No	0.56 Thermal Discharging
RRK082	12	'7191936_/_5569695'		10	10	10	0.56	10	10	1.85 No	0.56 Thermal Discharging
RRK082	13	'44077454_/_7191955'		10	10	10	0.56	10	10	1.85 No	0.56 Thermal Discharging
RRK082	14	'44074059_/_7191934'		10	10	10	0.56	10	10	1.85 No	0.56 Thermal Discharging
RRK082	15	'7191958_/_44077456'		10	10	10	0.56	10	10	1.84 No	0.56 Thermal Discharging
RRK082	16	'49201722_/_8450672_2'	3.33		3.33	3.33	0.184	1.8	3.33	0.61 No	0.184 Thermal Discharging
RRK082	17	'7180827_/_44074063'		10	10	10	0.56	10	10	1.83 No	0.56 Thermal Discharging
RRK082	18	'44077482_/_7191972'		10	10	10	0.56	10	10	1.83 No	0.56 Thermal Discharging
RRK082	19	'44077467_/_44077484'		10	10	10	0.56	10	10	1.82 No	0.56 Thermal Discharging
RRK082	20	'44075936_/_44077469'		10	10	10	0.56	10	10	1.82 No	0.56 Thermal Discharging
RRK082	21	'91494249_/_91494229_2'	3.33		3.33	3.33	0.184	1.4	3.33	0.61 No	0.184 Thermal Discharging
RRK082	22	'7187513_/_7187527'		6.1	10	10	0.56	10	10	1.8 No	0.56 Thermal Discharging
RRK082	23	'7180611_/_7187510'		6.1	10	10	0.56	10	10	1.8 No	0.56 Thermal Discharging
RRK082	24	'50789471_/_7180608'		5.3	10	10	0.56	10	10	1.79 No	0.56 Thermal Discharging
RRK082	25	'658770812_/_7186105'		5.1	10	10	0.56	10	10	1.79 No	0.56 Thermal Discharging
RRK082	26	'52876552_/_50789497_1'	1.77		3.33	3.33	0.184	0.5	3.33	0.6 No	0.184 Thermal Discharging
RRK082	27	'658770940_/_658770833_3'		5.1	10	10	0.56	10	10	1.79 No	0.56 Thermal Discharging
RRK082	28	'7186108_/_658770816_1'		4.9	10	10	0.56	10	10	1.78 No	0.56 Thermal Discharging
RRK082	29	'44076689_/_658770816_2'		4.9	10	10	0.56	10	10	1.78 No	0.56 Thermal Discharging
RRK082	30	'44076647_/_44076691'		4.5	10	10	0.56	10	10	1.78 No	0.56 Thermal Discharging
RRK082	31	'50789500_/_50789497_2'	1.77		3.33	3.33	0.184	0.5	3.33	0.59 No	0.184 Thermal Discharging
RRK082	32	'44074177_/_7180825'		10	10	10	0.56	10	10	1.78 No	0.56 Thermal Discharging
RRK082	33	'52876391_/_44076649'		3.8	10	10	0.56	10	10	1.76 No	0.56 Thermal Discharging
RRK082	34	'43741053_/_52876420'		3.5	10	10	0.56	10	10	1.75 No	0.56 Thermal Discharging
RRK082	35	'8450674_/_8450672_1'	3.33		3.33	3.33	0.184	0.5	3.33	0.61 No	0.184 Thermal Discharging
RRK082	36	'658770979_/_658770833_2'		5.1	10	10	0.56	10	10	1.76 No	0.56 Thermal Discharging
RRK082	37	'5579356_/_43741055'		3.1	10	10	0.56	10	10	1.75 No	0.56 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RRK082		38 '5573245_/658770833_1'		5.1	10	10	0.56	10	10	1.76 No	0.56 Thermal Discharging
RRK082		39 '51194244_/51194200'		4.8	10	10	0.56	10	10	1.75 No	0.56 Thermal Discharging
RRK082		40 '8042946_/8042944_1'		1.03	3.33	3.33	0.184	0.5	3.33	0.58 No	0.184 Thermal Discharging
RRK082		41 '44074219_/44074179'		7	10	10	0.56	10	10	1.75 No	0.56 Thermal Discharging
RRK082		42 '5577776_/5579354'		2.9	10	10	0.56	10	10	1.75 No	0.56 Thermal Discharging
RRK082		43 '8983401_/8983399_1'		1.03	3.33	3.33	0.184	0.5	3.33	0.58 No	0.184 Thermal Discharging
RRK082		44 '51194236_/51194178'		4.6	10	10	0.56	10	10	1.75 No	0.56 Thermal Discharging
RRK082		45 '5577747_/5577774'		2.8	10	10	0.56	10	10	1.75 No	0.56 Thermal Discharging
RRK082		46 '5577800_/5577797'		2.7	10	10	0.56	10	10	1.75 No	0.56 Thermal Discharging
RRK082		47 '51194232_/51194151'		4.4	10	10	0.56	10	10	1.75 No	0.56 Thermal Discharging
RRK082		48 '7719204_/7719202_1'		0.97	3.33	3.33	0.184	0.5	3.33	0.58 No	0.184 Thermal Discharging
RRK082		49 '5577748_/5577761_1'		0.93	3.33	3.33	0.184	0.5	3.33	0.58 No	0.184 Thermal Discharging
RRK082		50 '51194281_/51194250_2'		1.47	3.33	3.33	0.184	1.5	3.33	0.58 No	0.184 Thermal Discharging
RRK082		51 '5577816_/5577831'		2.6	10	10	0.56	10	10	1.75 No	0.56 Thermal Discharging
RRK082		52 '5566713_/5577814'		2.6	10	10	0.56	10	10	1.75 No	0.56 Thermal Discharging
RRK082		53 '51194227_/51194124'		4.2	10	10	0.56	10	10	1.75 No	0.56 Thermal Discharging
RRK082		54 '5566714_/5566711'		2.5	10	10	0.56	10	10	1.75 No	0.56 Thermal Discharging
RRK082		55 '8042851_/8663979_1'		0.9	3.33	3.33	0.184	0.5	3.33	0.58 No	0.184 Thermal Discharging
RRK082		56 '5566731_/5566728'		2.5	10	10	0.56	10	10	1.75 No	0.56 Thermal Discharging
RRK082		57 '628600693_/51194097'		4	10	10	0.56	10	10	1.75 No	0.56 Thermal Discharging
RRK082		58 '628600738_/628600697_1'		4	10	10	0.56	10	10	1.75 No	0.56 Thermal Discharging
RRK082		59 '7144057_/5566745_1'		2.4	10	10	0.56	10	10	1.75 No	0.56 Thermal Discharging
RRK082		60 '5577764_/5577761_2'		0.93	3.33	3.33	0.184	0.5	3.33	0.58 No	0.184 Thermal Discharging
RRK082		61 '5565189_/5566745_2'		2.4	10	10	0.56	10	10	1.75 No	0.56 Thermal Discharging
RRK082		62 '628600778_/628600736_1'		3.8	10	10	0.56	1.5	10	1.75 No	0.56 Thermal Discharging
RRK082		63 '5578943_/5578940'		2.4	10	10	0.56	10	10	1.75 No	0.56 Thermal Discharging
RRK082		64 '7144058_/7144076_1'		2.4	10	10	0.56	1.5	10	1.75 No	0.56 Thermal Discharging
RRK082		65 '5564851_/5564848_2'		0.8	3.33	3.33	0.184	1.1	3.33	0.58 No	0.184 Thermal Discharging
RRK082		66 '8356793_/450773361_1'		1.6	6.67	6.67	0.376	1.1	6.67	1.17 No	0.376 Thermal Discharging
RRK082		67 '43739519_/5578960'		2.3	10	10	0.56	10	10	1.75 No	0.56 Thermal Discharging
RRK082		68 '4512815_/51194250_1'		1.5	3.33	3.33	0.184	0.5	3.33	0.58 No	0.184 Thermal Discharging
RRK082		69 '44074233_/44074221'		4.9	10	10	0.56	10	10	1.75 No	0.56 Thermal Discharging
RRK082		70 '44059976_/7144076_2'		2.3	10	10	0.56	1.5	10	1.75 No	0.56 Thermal Discharging
RRK082		71 '5565201_/416233449'		2.2	10	10	0.56	10	10	1.75 No	0.56 Thermal Discharging
RRK082		72 '649552204_/628600736_2'		3.5	10	10	0.56	1.5	10	1.75 No	0.56 Thermal Discharging
RRK082		73 '649552170_/649552218'		3.5	10	10	0.56	1.5	10	1.75 No	0.56 Thermal Discharging
RRK082		74 '649552188_/628600736_3'		3.5	10	10	0.56	1.5	10	1.75 No	0.56 Thermal Discharging
RRK082		75 '52876468_/8042944_2'		1.03	3.33	3.33	0.184	0.5	3.33	0.58 No	0.184 Thermal Discharging
RRK082		76 '5564937_/5568844'		2.2	10	10	0.56	10	10	1.75 No	0.56 Thermal Discharging
RRK082		77 '649552240_/649552263'		3.5	10	10	0.56	1.5	10	1.75 No	0.56 Thermal Discharging
RRK082		78 '5570727_/5570724'		2.1	10	10	0.56	10	10	1.75 No	0.56 Thermal Discharging
RRK082		79 '43739558_/5565199'		2	10	10	0.56	4.8	10	1.75 No	0.56 Thermal Discharging
RRK082		80 '5565240_/5570741'		2	10	10	0.56	10	10	1.75 No	0.56 Thermal Discharging
RRK082		81 '5565202_/8356390_1'		2	10	10	0.56	1.5	10	1.75 No	0.56 Thermal Discharging
RRK082		82 '5565239_/43739573_1'		0.67	3.33	3.33	0.184	0.5	3.33	0.58 No	0.184 Thermal Discharging
RRK082		83 '8983402_/8983399_2'		1.03	3.33	3.33	0.184	0.5	3.33	0.58 No	0.184 Thermal Discharging
RRK082		84 '5564838_/5564848_1'		0.8	3.33	3.33	0.184	0.5	3.33	0.58 No	0.184 Thermal Discharging
RRK082		85 '8663982_/8663979_2'		0.9	3.33	3.33	0.184	0.5	3.33	0.58 No	0.184 Thermal Discharging
RRK082		86 '5568864_/5568861'		2	10	10	0.56	10	10	1.75 No	0.56 Thermal Discharging
RRK082		87 '7719221_/8663465_1'		1.9	10	10	0.56	1.5	10	1.75 No	0.56 Thermal Discharging
RRK082		88 '5564938_/5564935'		2	10	10	0.56	4.9	10	1.75 No	0.56 Thermal Discharging
RRK082		89 '7719205_/7719202_2'		1	3.33	3.33	0.184	0.5	3.33	0.58 No	0.184 Thermal Discharging
RRK082		90 '548869238_/5564955_1'		1.33	6.67	6.67	0.376	1.1	6.67	1.17 No	0.376 Thermal Discharging
RRK082		91 '5568881_/5568878'		1.9	10	10	0.56	10	10	1.75 No	0.56 Thermal Discharging
RRK082		92 '8042232_/8042230_1'		2	10	10	0.56	1.5	10	1.75 No	0.56 Thermal Discharging
RRK082		93 '44074247_/44074235'		4	10	10	0.56	10	10	1.75 No	0.56 Thermal Discharging
RRK082		94 '628600720_/628600736_4'		2.9	10	10	0.56	1.5	10	1.75 No	0.56 Thermal Discharging
RRK082		95 '43739532_/5568895'		1.9	10	10	0.56	10	10	1.75 No	0.56 Thermal Discharging
RRK082		96 '8663468_/8663465_2'		1.8	10	10	0.56	1.5	10	1.75 No	0.56 Thermal Discharging
RRK082		97 '5570711_/43739573_2'		0.67	3.33	3.33	0.184	0.5	3.33	0.58 No	0.184 Thermal Discharging
RRK082		98 '52876499_/52876526'		1.03	3.33	3.33	0.184	0.5	3.33	0.58 No	0.184 Thermal Discharging
RRK082		99 '43739545_/43739534'		1.8	10	10	0.56	10	10	1.75 No	0.56 Thermal Discharging
RRK082		100 '5568932_/43739547'		1.8	10	10	0.56	10	10	1.75 No	0.56 Thermal Discharging
RRK082		101 '5564895_/5568946'		1.8	10	10	0.56	10	10	1.75 No	0.56 Thermal Discharging
RRK082		102 '462285321_/7082096'		1.7	10	10	0.56	10	10	1.75 No	0.56 Thermal Discharging
RRK082		103 '5564896_/5564906_1'		0.6	3.33	3.33	0.184	0.5	3.33	0.58 No	0.184 Thermal Discharging
RRK082		104 '462285296_/455986271_1'		0.57	3.33	3.33	0.184	0.5	3.33	0.58 No	0.184 Thermal Discharging
RRK082		105 '4434473_/462285323'		1.7	10	10	0.56	10	10	1.75 No	0.56 Thermal Discharging
RRK082		106 '5564958_/5564955_2'		1.2	6.67	6.67	0.376	1.1	6.67	1.17 No	0.376 Thermal Discharging
RRK082		107 '43517754_/4434471'		1.7	10	10	0.56	10	10	1.75 No	0.56 Thermal Discharging
RRK082		108 '8356811_/450773361_2'		1.6	6.67	6.67	0.376	1.1	6.67	1.17 No	0.376 Thermal Discharging
RRK082		109 '44074205_/44074249'		3.4	10	10	0.56	10	10	1.75 No	0.56 Thermal Discharging
RRK082		110 '5564909_/5564906_2'		0.6	3.33	3.33	0.184	0.5	3.33	0.58 No	0.184 Thermal Discharging
RRK082		111 '8042458_/8356390_2'		1.6	10	10	0.56	1.5	10	1.75 No	0.56 Thermal Discharging
RRK082		112 '107374679_/107374690'		1.6	10	10	0.56	1.5	10	1.75 No	0.56 Thermal Discharging
RRK082		113 '91494218_/91494229_1'		0.87	3.33	3.33	0.184	0.5	3.33	0.58 No	0.184 Thermal Discharging
RRK082		114 '5564825_/5564835'		0.83	3.33	3.33	0.184	0.5	3.33	0.58 No	0.184 Thermal Discharging
RRK082		115 '547169050_/5564970'		1.07	6.67	6.67	0.376	1.1	6.67	1.17 No	0.376 Thermal Discharging
RRK082		116 '5564925_/5564922'		0.6	3.33	3.33	0.184	0.5	3.33	0.58 No	0.184 Thermal Discharging
RRK082		117 '455986252_/455986271_2'		0.5	3.33	3.33	0.184	0.5	3.33	0.58 No	0.184 Thermal Discharging
RRK082		118 '8042459_/8042456'		1.5	10	10	0.56	1.5	10	1.75 No	0.56 Thermal Discharging
RRK082		119 '8042233_/8042230_2'		1.7	10	10	0.56	1.5	10	1.75 No	0.56 Thermal Discharging
RRK082		120 '44074191_/44074207'		2.9	10	10	0.56	10	10	1.75 No	0.56 Thermal Discharging
RRK082		121 '5564988_/43739584'		1	6.67	6.67	0.376	1.1	6.67	1.17 No	0.376 Thermal Discharging
RRK082		122 '8042253_/8042250'		0.53	3.33	3.33	0.184	0.5	3.33	0.58 No	0.184 Thermal Discharging
RRK082		123 '70231488_/70231495'		1.3	10	10	0.56	1.5	10	1.75 No	0.56 Thermal Discharging
RRK082		124 '5564824_/5564822'		0.83	3.33	3.33	0.184	0.5	3.33	0.58 No	0.184 Thermal Discharging
RRK082		125 '44074164_/44074193'		2.6	10	10	0.56	10	10	1.75 No	0.56 Thermal Discharging
RRK082		126 '5565003_/5565000'		0.93	6.67	6.67	0.376	1.1	6.67	1.17 No	0.376 Thermal Discharging
RRK082		127 '351478505_/5565170_2'		0.43	3.33	3.33	0.184	0.55	3.33	0.58 No	0.184 Thermal Discharging
RRK082		128 '5576759_/5576772_1'		0.43	3.33	3.33	0.184	0.5	3.33	0.58 No	0.184 Thermal Discharging
RRK082		129 '5564867_/5564864'		0.83	3.33	3.33	0.184	0.5	3.33	0.58 No	0.184 Thermal Discharging
RRK082		130 '44059767_/44059978'		1.2	10	10	0.56	1.5	10	1.75 No	0.56 Thermal Discharging
RRK082		131 '5565018_/5565015'		0.87	6.67	6.67	0.376	1.1	6.67	1.17 No	0.376 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over- Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RRK082	132	'43740278_/43740280'		0.83	3.33	3.33	0.184	0.5	3.33	0.58 No	0.184 Thermal Discharging
RRK082	133	'5571223_/44074166'		2.4	10	10	0.56	10	9.36	1.75 No	0.56 Thermal Discharging
RRK082	134	'43740435_/5571271'		2.4	10	10	0.56	10	9.28	1.75 No	0.56 Thermal Discharging
RRK082	135	'43739617_/5565170_1'		0.4	3.33	3.33	0.184	0.5	3.33	0.58 No	0.184 Thermal Discharging
RRK082	136	'5535578_/5571237'		2.3	10	10	0.56	10	9.18	1.75 No	0.56 Thermal Discharging
RRK082	137	'43739493_/43739495'		2.3	10	10	0.56	10	9.1	1.75 No	0.56 Thermal Discharging
RRK082	138	'5564880_/5564877'		0.83	3.23	3.33	0.184	0.5	3.33	0.58 No	0.184 Thermal Discharging
RRK082	139	'5535560_/5535558'		2.3	10	10	0.56	10	9.03	1.75 No	0.56 Thermal Discharging
RRK082	140	'5571156_/5571170'		2.3	10	10	0.56	10	8.99	1.75 No	0.56 Thermal Discharging
RRK082	141	'5565033_/5565030'		0.8	6.4	6.67	0.376	1.1	6.54	1.17 No	0.376 Thermal Discharging
RRK082	142	'5571051_/5571153'		2.3	10	10	0.56	10	8.94	1.75 No	0.56 Thermal Discharging
RRK082	143	'5570946_/5571048'		2.2	10	10	0.56	10	8.89	1.75 No	0.56 Thermal Discharging
RRK082	144	'5571000_/5571014'		2.2	10	10	0.56	10	8.85	1.75 No	0.56 Thermal Discharging
RRK082	145	'5579219_/5579229'		0.83	3.07	3.33	0.184	0.5	3.27	0.58 No	0.184 Thermal Discharging
RRK082	146	'8042947_/52876501'		0.87	3	3.33	0.184	0.5	3.33	0.58 No	0.184 Thermal Discharging
RRK082	147	'5570983_/5570997'		2.2	9.8	10	0.56	10	8.8	1.75 No	0.56 Thermal Discharging
RRK082	148	'5579218_/5579216'		0.83	3.03	3.33	0.184	0.5	3.24	0.58 No	0.184 Thermal Discharging
RRK082	149	'43739628_/5576772_2'		0.37	3.03	3.33	0.184	0.5	3.21	0.58 No	0.184 Thermal Discharging
RRK082	150	'5570982_/5570980'		2.2	9.7	10	0.56	10	8.74	1.75 No	0.56 Thermal Discharging
RRK082	151	'621991865_/53842730_1'		0.73	3.2	3.33	0.184	0.5	2.92	0.58 No	0.184 Thermal Discharging
RRK082	152	'70128682_/53842730_2'		0.73	3.2	3.33	0.184	0.5	2.92	0.58 No	0.184 Thermal Discharging
RRK082	153	'7405909_/8983947_1'		0.83	3.03	3.33	0.184	0.3	3.22	0.58 No	0.184 Thermal Discharging
RRK082	154	'8042548_/8983739'		0.83	3.03	3.33	0.184	0.5	3.22	0.58 No	0.184 Thermal Discharging
RRK082	155	'43740422_/43740424'		2.2	9.5	10	0.56	10	8.66	1.75 No	0.56 Thermal Discharging
RRK082	156	'38539828_/8042546_1'		0.83	3.03	3.33	0.184	0.3	3.21	0.58 No	0.184 Thermal Discharging
RRK082	157	'43739606_/5565138'		0.37	2.97	3.33	0.184	0.55	3.15	0.58 No	0.184 Thermal Discharging
RRK082	158	'5579032_/5579063'		2.2	9.3	10	0.56	10	8.6	1.75 No	0.56 Thermal Discharging
RRK082	159	'5579031_/5579029'		2.1	9.1	10	0.56	10	8.54	1.75 No	0.56 Thermal Discharging
RRK082	160	'5565156_/5565154'		0.37	2.87	3.33	0.184	0.5	3.11	0.58 No	0.184 Thermal Discharging
RRK082	161	'5579133_/5579131'		2.1	9	10	0.56	10	8.48	1.75 No	0.56 Thermal Discharging
RRK082	162	'5565096_/5565093'		0.37	2.83	3.33	0.184	0.55	3.09	0.58 No	0.184 Thermal Discharging
RRK082	163	'5565048_/5565045'		0.73	5.67	6.67	0.376	1.1	6.2	1.17 No	0.376 Thermal Discharging
RRK082	164	'43741040_/43741042'		2.1	8.9	10	0.56	10	8.42	1.75 No	0.56 Thermal Discharging
RRK082	165	'5576852_/5579114'		2.1	8.7	10	0.56	10	8.36	1.75 No	0.56 Thermal Discharging
RRK082	166	'5576835_/5576849'		2.1	8.6	10	0.56	10	8.31	1.75 No	0.56 Thermal Discharging
RRK082	167	'5535425_/5576832'		2.1	8.5	10	0.56	10	8.25	1.75 No	0.56 Thermal Discharging
RRK082	168	'5535408_/5535422'		2	8.4	10	0.56	10	8.2	1.75 No	0.56 Thermal Discharging
RRK082	169	'5565112_/5565109'		0.37	2.67	3.33	0.184	0.55	3.02	0.58 No	0.184 Thermal Discharging
RRK082	170	'5535391_/5535405'		2	8.2	10	0.56	10	8.13	1.75 No	0.56 Thermal Discharging
RRK082	171	'5535390_/5535388'		2	8.1	10	0.56	10	8.06	1.75 No	0.56 Thermal Discharging
RRK082	172	'7182789_/5562830_2'		2	8.1	10	0.56	10	8.06	1.75 No	0.56 Thermal Discharging
RRK082	173	'5562816_/5562830_1'		2	8	10	0.56	10	7.99	1.75 No	0.56 Thermal Discharging
RRK082	174	'8983950_/8983947_2'		0.77	2.57	3.33	0.184	0.3	2.99	0.58 No	0.184 Thermal Discharging
RRK082	175	'7182790_/7182787'		2	7.9	10	0.56	4.7	7.99	1.75 No	0.56 Thermal Discharging
RRK082	176	'5562796_/5562813'		2	7.9	10	0.56	10	7.95	1.75 No	0.56 Thermal Discharging
RRK082	177	'9400391_/9712908_1'		2	7.9	10	0.56	1.5	7.97	1.75 No	0.56 Thermal Discharging
RRK082	178	'5565063_/5565060'		0.67	5.07	6.67	0.376	1.1	5.86	1.17 No	0.376 Thermal Discharging
RRK082	179	'5564550_/5564548_1'		0.67	2.6	3.33	0.184	0.5	2.64	0.58 No	0.184 Thermal Discharging
RRK082	180	'5562779_/5562793'		2	7.8	10	0.56	10	7.89	1.75 No	0.56 Thermal Discharging
RRK082	181	'5574913_/43739630'		0.33	2.5	3.33	0.184	0.5	2.91	0.58 No	0.184 Thermal Discharging
RRK082	182	'5562759_/5562776'		1.9	7.7	10	0.56	10	7.82	1.75 No	0.56 Thermal Discharging
RRK082	183	'5564498_/5564496_1'		0.67	2.53	3.33	0.184	0.5	2.61	0.58 No	0.184 Thermal Discharging
RRK082	184	'5562600_/5562756'		1.9	7.5	10	0.56	10	7.76	1.75 No	0.56 Thermal Discharging
RRK082	185	'43739315_/5562597'		1.9	7.4	10	0.56	10	7.69	1.75 No	0.56 Thermal Discharging
RRK082	186	'43739594_/5565078'		0.67	4.8	6.67	0.376	1.1	5.7	1.17 No	0.376 Thermal Discharging
RRK082	187	'5562583_/5566660'		1.9	7.3	10	0.56	10	7.62	1.75 No	0.56 Thermal Discharging
RRK082	188	'9610738_/9610735'		0.37	2.37	3.33	0.184	0.5	2.87	0.58 No	0.184 Thermal Discharging
RRK082	189	'53842723_/53842730_3'		0.6	2.4	3.33	0.184	0.5	2.62	0.58 No	0.184 Thermal Discharging
RRK082	190	'5562563_/5562580'		1.9	7.2	10	0.56	10	7.57	1.75 No	0.56 Thermal Discharging
RRK082	191	'5565128_/5565125'		0.33	2.33	3.33	0.184	0.55	2.82	0.58 No	0.184 Thermal Discharging
RRK082	192	'43740673_/323575031'		1.9	7.2	10	0.56	10	7.56	1.75 No	0.56 Thermal Discharging
RRK082	193	'5562543_/5562560'		1.9	7.2	10	0.56	10	7.53	1.75 No	0.56 Thermal Discharging
RRK082	194	'9712911_/9712908_2'		1.8	7.1	10	0.56	1.5	7.64	1.75 No	0.56 Thermal Discharging
RRK082	195	'5562523_/5562540'		1.8	7.1	10	0.56	10	7.5	1.75 No	0.56 Thermal Discharging
RRK082	196	'5564734_/43739330'		0.63	2.37	3.33	0.184	1.5	2.5	0.58 No	0.184 Thermal Discharging
RRK082	197	'43739351_/323575049'		1.8	7.1	10	0.56	10	7.47	1.75 No	0.56 Thermal Discharging
RRK082	198	'43739460_/5564496_2'		0.67	2.33	3.33	0.184	0.5	2.52	0.58 No	0.184 Thermal Discharging
RRK082	199	'43739302_/5562520'		1.8	7	10	0.56	10	7.45	1.75 No	0.56 Thermal Discharging
RRK082	200	'5574873_/43739353_1'		1.8	7	10	0.56	4.8	7.44	1.75 No	0.56 Thermal Discharging
RRK082	201	'640451900_/640451908'		1.8	6.9	10	0.56	10	7.39	1.75 No	0.56 Thermal Discharging
RRK082	202	'5566645_/5566643_2'		1.8	6.9	10	0.56	10	7.39	1.75 No	0.56 Thermal Discharging
RRK082	203	'8983966_/8983979'		0.67	2.27	3.33	0.184	0.3	2.79	0.58 No	0.184 Thermal Discharging
RRK082	204	'43739289_/5566643_1'		1.8	6.8	10	0.56	10	7.34	1.75 No	0.56 Thermal Discharging
RRK082	205	'4452577_/43739596'		0.67	4.47	6.67	0.376	1.1	5.47	1.17 No	0.376 Thermal Discharging
RRK082	206	'43739482_/5564548_2'		0.67	2.27	3.33	0.184	0.5	2.49	0.58 No	0.184 Thermal Discharging
RRK082	207	'5572833_/5572847'		1.8	6.7	10	0.56	10	7.26	1.75 No	0.56 Thermal Discharging
RRK082	208	'5570576_/43739353_2'		1.7	6.7	10	0.56	4.8	7.28	1.75 No	0.56 Thermal Discharging
RRK082	209	'8042549_/8042546_2'		0.67	2.17	3.33	0.184	0.3	2.73	0.58 No	0.184 Thermal Discharging
RRK082	210	'5572816_/5572830'		1.8	6.6	10	0.56	10	7.21	1.75 No	0.56 Thermal Discharging
RRK082	211	'7719188_/7719186_1'		0.6	2.23	3.33	0.184	0.5	2.41	0.58 No	0.184 Thermal Discharging
RRK082	212	'5572799_/5572813'		1.7	6.6	10	0.56	10	7.16	1.75 No	0.56 Thermal Discharging
RRK082	213	'43739276_/43739278'		1.7	6.5	10	0.56	10	7.1	1.75 No	0.56 Thermal Discharging
RRK082	214	'5579248_/5579262'		1.7	6.4	10	0.56	10	7.06	1.75 No	0.56 Thermal Discharging
RRK082	215	'4452592_/4452575'		0.6	4.27	6.67	0.376	1.1	5.28	1.17 No	0.376 Thermal Discharging
RRK082	216	'5570229_/5579245'		1.7	6.3	10	0.56	10	7	1.75 No	0.56 Thermal Discharging
RRK082	217	'5563264_/5573863'		1.7	6.3	10	0.56	10	6.95	1.75 No	0.56 Thermal Discharging
RRK082	218	'5570230_/5570240_1'		0.57	2.1	3.33	0.184	0.5	2.32	0.58 No	0.184 Thermal Discharging
RRK082	219	'414962202_/5570256_1'		1.7	6.2	10	0.56	1.5	6.95	1.75 No	0.56 Thermal Discharging
RRK082	220	'44059781_/44059769'		0.8	6.1	10	0.56	1.5	7.99	1.75 No	0.56 Thermal Discharging
RRK082	221	'5563265_/5563275_1'		0.57	2.07	3.33	0.184	0.5	2.3	0.58 No	0.184 Thermal Discharging
RRK082	222	'5577893_/5577907'		1.7	6.2	10	0.56	10	6.89	1.75 No	0.56 Thermal Discharging
RRK082	223	'5577892_/5577890'		1.7	6.1	10	0.56	10	6.86	1.75 No	0.56 Thermal Discharging
RRK082	224	'5579201_/5579199'		1.6	6.1	10	0.56	10	6.81	1.75 No	0.56 Thermal Discharging
RRK082	225	'7406366_/8983963'		0.6	2	3.33	0.184	0.3	2.59	0.58 No	0.184 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RRK082	226	'4452593_/_4452590'	0.6		4	6.67	0.376	1.1	5.1	1.17 No	0.376 Thermal Discharging
RRK082	227	'49481384_/_5577877_2'	0.57		2	3.33	0.184	1.5	2.27	0.58 No	0.184 Thermal Discharging
RRK082	228	'7719189_/_7719186_2'	0.6		2	3.33	0.184	0.5	2.3	0.58 No	0.184 Thermal Discharging
RRK082	229	'5564551_/_43739484'	0.67		2	3.33	0.184	0.5	2.34	0.58 No	0.184 Thermal Discharging
RRK082	230	'43740265_/_5570256_2'	1.6		6	10	0.56	1.5	6.84	1.75 No	0.56 Thermal Discharging
RRK082	231	'43918375_/_43918377'	1.6		6	10	0.56	10	6.75	1.75 No	0.56 Thermal Discharging
RRK082	232	'43738718_/_5563275_2'	0.57		1.97	3.33	0.184	0.5	2.25	0.58 No	0.184 Thermal Discharging
RRK082	233	'6438640_/_6444110'	1.6		5.9	10	0.56	10	6.7	1.75 No	0.56 Thermal Discharging
RRK082	234	'7406367_/_7406364'	0.6		1.97	3.33	0.184	0.3	2.55	0.58 No	0.184 Thermal Discharging
RRK082	235	'43740270_/_43740267'	1.6		5.9	10	0.56	1.5	6.76	1.75 No	0.56 Thermal Discharging
RRK082	236	'43517245_/_4454448'	0.3		1.97	3.33	0.184	0.55	2.5	0.58 No	0.184 Thermal Discharging
RRK082	237	'6438623_/_6438637'	1.6		5.8	10	0.56	10	6.64	1.75 No	0.56 Thermal Discharging
RRK082	238	'4454451_/_7321219_1'	0.3		1.93	3.33	0.184	0.3	2.48	0.58 No	0.184 Thermal Discharging
RRK082	239	'6438606_/_6438620'	1.6		5.8	10	0.56	10	6.6	1.75 No	0.56 Thermal Discharging
RRK082	240	'43738729_/_5570240_2'	0.57		1.93	3.33	0.184	0.5	2.22	0.58 No	0.184 Thermal Discharging
RRK082	241	'43740384_/_5570573'	1		3.8	6.67	0.376	1.9	4.54	1.17 No	0.376 Thermal Discharging
RRK082	242	'4452642_/_4453107'	0.6		3.87	6.67	0.376	1.1	4.95	1.17 No	0.376 Thermal Discharging
RRK082	243	'4452641_/_43517344_2'	0.3		1.93	3.33	0.184	0.55	2.47	0.58 No	0.184 Thermal Discharging
RRK082	244	'547169563_/_4453151'	0.3		1.93	3.33	0.184	0.55	2.47	0.58 No	0.184 Thermal Discharging
RRK082	245	'43517342_/_43517344_1'	0.3		1.93	3.33	0.184	0.5	2.47	0.58 No	0.184 Thermal Discharging
RRK082	246	'53842764_/_53842771'	0.5		1.9	3.33	0.184	0.5	2.33	0.58 No	0.184 Thermal Discharging
RRK082	247	'573930167_/_431414618_1'	0.53		1.93	3.33	0.184	0.5	2.19	0.58 No	0.184 Thermal Discharging
RRK082	248	'6438589_/_6438603'	1.6		5.7	10	0.56	10	6.56	1.75 No	0.56 Thermal Discharging
RRK082	249	'8356142_/_8356140'	0.57		1.9	3.33	0.184	0.3	2.5	0.58 No	0.184 Thermal Discharging
RRK082	250	'5577880_/_5577877_1'	0.57		1.9	3.33	0.184	0.5	2.2	0.58 No	0.184 Thermal Discharging
RRK082	251	'6438569_/_6438586'	1.6		5.7	10	0.56	10	6.52	1.75 No	0.56 Thermal Discharging
RRK082	252	'436572495_/_436572503'	0.27		1.9	3.33	0.184	0.5	2.45	0.58 No	0.184 Thermal Discharging
RRK082	253	'4452628_/_4452626'	0.27		1.9	3.33	0.184	0.5	2.45	0.58 No	0.184 Thermal Discharging
RRK082	254	'5563278_/_43738720'	0.57		1.9	3.33	0.184	0.5	2.19	0.58 No	0.184 Thermal Discharging
RRK082	255	'6438552_/_6438566'	1.5		5.6	10	0.56	10	6.46	1.75 No	0.56 Thermal Discharging
RRK082	256	'436572596_/_436572576_1'	0.27		1.87	3.33	0.184	0.3	2.43	0.58 No	0.184 Thermal Discharging
RRK082	257	'6438535_/_6438549'	1.5		5.6	10	0.56	10	6.42	1.75 No	0.56 Thermal Discharging
RRK082	258	'6441652_/_64926165010'	0.5		1.83	3.33	0.184	0.1	2.14	0.58 No	0.1 Element Fault
RRK082	259	'431414621_/_431414618_2'	0.53		1.83	3.33	0.184	0.5	2.14	0.58 No	0.184 Thermal Discharging
RRK082	260	'6438518_/_6438532'	1.5		5.5	10	0.56	10	6.38	1.75 No	0.56 Thermal Discharging
RRK082	261	'6441017_/_6441030_1'	0.5		1.83	3.33	0.184	0.5	2.12	0.58 No	0.184 Thermal Discharging
RRK082	262	'6438501_/_6438515'	1.5		5.5	10	0.56	10	6.34	1.75 No	0.56 Thermal Discharging
RRK082	263	'6438484_/_6438498'	1.5		5.4	10	0.56	10	6.29	1.75 No	0.56 Thermal Discharging
RRK082	264	'6438467_/_6438481'	1.5		5.3	10	0.56	10	6.24	1.75 No	0.56 Thermal Discharging
RRK082	265	'5570243_/_43738731'	0.57		1.77	3.33	0.184	0.5	2.12	0.58 No	0.184 Thermal Discharging
RRK082	266	'6438450_/_6438464'	1.5		5.3	10	0.56	10	6.2	1.75 No	0.56 Thermal Discharging
RRK082	267	'6441033_/_6441030_2'	0.5		1.77	3.33	0.184	0.5	2.08	0.58 No	0.184 Thermal Discharging
RRK082	268	'573930129_/_573930133'	0.47		1.77	3.33	0.184	0.1	2.08	0.58 No	0.1 Element Fault
RRK082	269	'6438433_/_6438447'	1.5		5.2	10	0.56	10	6.16	1.75 No	0.56 Thermal Discharging
RRK082	270	'4452654_/_4453138'	0.27		1.73	3.33	0.184	0.55	2.33	0.58 No	0.184 Thermal Discharging
RRK082	271	'9298799_/_9298796'	0.53		1.73	3.33	0.184	0.3	2.35	0.58 No	0.184 Thermal Discharging
RRK082	272	'6438416_/_6438430'	1.5		5.2	10	0.56	10	6.11	1.75 No	0.56 Thermal Discharging
RRK082	273	'6438399_/_6438413'	1.4		5.1	10	0.56	10	6.08	1.75 No	0.56 Thermal Discharging
RRK082	274	'7321222_/_7321219_2'	0.3		1.7	3.33	0.184	0.3	2.29	0.58 No	0.184 Thermal Discharging
RRK082	275	'547169564_/_43517333'	0.3		1.7	3.33	0.184	0.55	2.29	0.58 No	0.184 Thermal Discharging
RRK082	276	'6438398_/_6438396'	1.4		5.1	10	0.56	10	6.05	1.75 No	0.56 Thermal Discharging
RRK082	277	'6441072_/_6441082_1'	0.47		1.7	3.33	0.184	0.5	2.01	0.58 No	0.184 Thermal Discharging
RRK082	278	'43917486_/_43917488'	1.4		5	10	0.56	10	6	1.75 No	0.56 Thermal Discharging
RRK082	279	'6441046_/_6441043'	0.5		1.67	3.33	0.184	0.5	2.02	0.58 No	0.184 Thermal Discharging
RRK082	280	'6438382_/_6440416'	1.4		5	10	0.56	10	5.96	1.75 No	0.56 Thermal Discharging
RRK082	281	'6441684_/_6441681'	0.47		1.67	3.33	0.184	0.1	2.02	0.58 No	0.1 Element Fault
RRK082	282	'6438362_/_6438379'	1.4		5	10	0.56	10	5.92	1.75 No	0.56 Thermal Discharging
RRK082	283	'6438345_/_6438359'	1.4		4.9	10	0.56	10	5.88	1.75 No	0.56 Thermal Discharging
RRK082	284	'6438308_/_6438325'	1.4		4.9	10	0.56	10	5.86	1.75 No	0.56 Thermal Discharging
RRK082	285	'43918654_/_43918656'	0.47		1.63	3.33	0.184	1.5	1.96	0.58 No	0.184 Thermal Discharging
RRK082	286	'6438307_/_6438305'	1.4		4.9	10	0.56	10	5.84	1.75 No	0.56 Thermal Discharging
RRK082	287	'74083915_/_7109738_1'	0.47		1.63	3.33	0.184	0.5	1.95	0.58 No	0.184 Thermal Discharging
RRK082	288	'43917665_/_6441082_2'	0.47		1.6	3.33	0.184	0.5	1.95	0.58 No	0.184 Thermal Discharging
RRK082	289	'6440574_/_6443119'	1.4		4.8	10	0.56	10	5.81	1.75 No	0.56 Thermal Discharging
RRK082	290	'43517256_/_4452652'	0.27		1.63	3.33	0.184	0.55	2.2	0.58 No	0.184 Thermal Discharging
RRK082	291	'436572557_/_436572576_2'	0.23		1.63	3.33	0.184	0.3	2.2	0.58 No	0.184 Thermal Discharging
RRK082	292	'5564796_/_43740386'	0.87		3.13	6.67	0.376	1.9	4.1	1.17 No	0.376 Thermal Discharging
RRK082	293	'43917473_/_43917475'	1.4		4.8	10	0.56	10	5.77	1.75 No	0.56 Thermal Discharging
RRK082	294	'7109707_/_7109705'	0.47		1.6	3.33	0.184	1.5	1.93	0.58 No	0.184 Thermal Discharging
RRK082	295	'6443068_/_6443082'	1.4		4.8	10	0.56	10	5.74	1.75 No	0.56 Thermal Discharging
RRK082	296	'6441059_/_6441056'	0.5		1.57	3.33	0.184	0.5	1.96	0.58 No	0.184 Thermal Discharging
RRK082	297	'53842795_/_53842802'	0.43		1.57	3.33	0.184	0.5	2.07	0.58 No	0.184 Thermal Discharging
RRK082	298	'6438711_/_6443065'	1.4		4.7	10	0.56	10	5.71	1.75 No	0.56 Thermal Discharging
RRK082	299	'43918258_/_6443136'	0.87		3.13	6.67	0.376	3.2	3.83	1.17 No	0.376 Thermal Discharging
RRK082	300	'7405492_/_9610123'	0.5		1.57	3.33	0.184	0.3	2.19	0.58 No	0.184 Thermal Discharging
RRK082	301	'660336238_/_43917464_1'	0.47		1.57	3.33	0.184	0.5	1.89	0.58 No	0.184 Thermal Discharging
RRK082	302	'6438694_/_6438708'	1.4		4.7	10	0.56	10	5.68	1.75 No	0.56 Thermal Discharging
RRK082	303	'6443139_/_6443154_1'	0.87		3.13	6.67	0.376	1.6	3.81	1.17 No	0.376 Thermal Discharging
RRK082	304	'302550721_/_43917464_2'	0.47		1.57	3.33	0.184	0.5	1.89	0.58 No	0.184 Thermal Discharging
RRK082	305	'4452425_/_4452423'	0.3		1.57	3.33	0.184	0.55	2.14	0.58 No	0.184 Thermal Discharging
RRK082	306	'43917449_/_43917451'	1.3		4.6	10	0.56	10	5.64	1.75 No	0.56 Thermal Discharging
RRK082	307	'6443034_/_6443048'	1.3		4.6	10	0.56	10	5.61	1.75 No	0.56 Thermal Discharging
RRK082	308	'6443014_/_6443031'	1.3		4.6	10	0.56	10	5.59	1.75 No	0.56 Thermal Discharging
RRK082	309	'6441085_/_43917667'	0.47		1.53	3.33	0.184	0.5	1.89	0.58 No	0.184 Thermal Discharging
RRK082	310	'6438656_/_6443011'	1.3		4.6	10	0.56	10	5.56	1.75 No	0.56 Thermal Discharging
RRK082	311	'6440438_/_6443154_2'	0.87		3	6.67	0.376	1.6	3.75	1.17 No	0.376 Thermal Discharging
RRK082	312	'6438673_/_6438671'	1.3		4.5	10	0.56	10	5.53	1.75 No	0.56 Thermal Discharging
RRK082	313	'4434217_/_43517258'	0.27		1.5	3.33	0.184	0.55	2.1	0.58 No	0.184 Thermal Discharging
RRK082	314	'6440561_/_6440571_2'	0.47		1.5	3.33	0.184	1.1	1.86	0.58 No	0.184 Thermal Discharging
RRK082	315	'43918630_/_7109721'	1.3		4.5	10	0.56	10	5.5	1.75 No	0.56 Thermal Discharging
RRK082	316	'7109741_/_7109738_2'	0.47		1.5	3.33	0.184	0.5	1.86	0.58 No	0.184 Thermal Discharging
RRK082	317	'6440454_/_43917464_3'	0.47		1.5	3.33	0.184	0.5	1.84	0.58 No	0.184 Thermal Discharging
RRK082	318	'6445627_/_6445644'	1.3		4.5	10	0.56	10	5.47	1.75 No	0.56 Thermal Discharging
RRK082	319	'6440548_/_6440571_1'	0.47		1.47	3.33	0.184	1.1	1.84	0.58 No	0.184 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
											VSR (MW)	Limiting Threshold
RRK082	320	'6445459_/_6445624'		1.3	4.4	10	0.56	10	5.44	1.75 No	0.56	Thermal Discharging
RRK082	321	'7405493_/_7405490'		0.47	1.5	3.33	0.184	0.3	2.1	0.58 No	0.184	Thermal Discharging
RRK082	322	'6445442_/_6445456'		1.3	4.4	10	0.56	10	5.42	1.75 No	0.56	Thermal Discharging
RRK082	323	'660336209_/_6444984_1'		0.43	1.47	3.33	0.184	0.5	1.81	0.58 No	0.184	Thermal Discharging
RRK082	324	'6444986_/_6444984_2'		0.43	1.47	3.33	0.184	0.5	1.81	0.58 No	0.184	Thermal Discharging
RRK082	325	'44059795_/_44059783'		0.6	4.4	10	0.56	1.5	6.34	1.75 No	0.56	Thermal Discharging
RRK082	326	'6440439_/_6440436'		0.8	2.93	6.67	0.376	1.6	3.67	1.17 No	0.376	Thermal Discharging
RRK082	327	'43918606_/_43918608'		1.3	4.4	10	0.56	10	5.38	1.75 No	0.56	Thermal Discharging
RRK082	328	'4454290_/_4454317'		0.23	1.47	3.33	0.184	0.55	2.05	0.58 No	0.184	Thermal Discharging
RRK082	329	'6444905_/_6445550'		1.3	4.3	10	0.56	10	5.35	1.75 No	0.56	Thermal Discharging
RRK082	330	'6445374_/_6445388'		1.3	4.3	10	0.56	10	5.32	1.75 No	0.56	Thermal Discharging
RRK082	331	'6444539_/_6444537_1'		0.43	1.43	3.33	0.184	0.5	1.77	0.58 No	0.184	Thermal Discharging
RRK082	332	'6440952_/_6440949'		0.8	2.87	6.67	0.376	1.6	3.62	1.17 No	0.376	Thermal Discharging
RRK082	333	'6445373_/_6445371'		1.3	4.3	10	0.56	10	5.29	1.75 No	0.56	Thermal Discharging
RRK082	334	'6444987_/_6444984_3'		0.43	1.43	3.33	0.184	0.5	1.77	0.58 No	0.184	Thermal Discharging
RRK082	335	'43517610_/_4434215'		0.23	1.43	3.33	0.184	0.55	2.01	0.58 No	0.184	Thermal Discharging
RRK082	336	'6440535_/_6440545'		0.47	1.4	3.33	0.184	1.1	1.79	0.58 No	0.184	Thermal Discharging
RRK082	337	'43918582_/_43918584'		1.3	4.2	10	0.56	10	5.26	1.75 No	0.56	Thermal Discharging
RRK082	338	'6445339_/_6445337'		1.3	4.2	10	0.56	10	5.23	1.75 No	0.56	Thermal Discharging
RRK082	339	'43739339_/_5564794'		0.8	2.8	6.67	0.376	1.9	3.78	1.17 No	0.376	Thermal Discharging
RRK082	340	'43917499_/_6440587'		0.47	1.4	3.33	0.184	1.1	1.78	0.58 No	0.184	Thermal Discharging
RRK082	341	'43918569_/_43918571'		1.3	4.2	10	0.56	10	5.2	1.75 No	0.56	Thermal Discharging
RRK082	342	'6444540_/_6444537_2'		0.43	1.4	3.33	0.184	0.5	1.74	0.58 No	0.184	Thermal Discharging
RRK082	343	'4452439_/_4452436'		0.3	1.4	3.33	0.184	0.55	1.97	0.58 No	0.184	Thermal Discharging
RRK082	344	'43918556_/_43918558'		1.3	4.1	10	0.56	10	5.17	1.75 No	0.56	Thermal Discharging
RRK082	345	'6440867_/_6440967'		0.8	2.73	6.67	0.376	1.6	3.54	1.17 No	0.376	Thermal Discharging
RRK082	346	'6445269_/_6445283'		1.3	4.1	10	0.56	10	5.15	1.75 No	0.56	Thermal Discharging
RRK082	347	'6445252_/_6445266'		1.3	4.1	10	0.56	10	5.13	1.75 No	0.56	Thermal Discharging
RRK082	348	'4434231_/_43517612'		0.23	1.4	3.33	0.184	0.55	1.96	0.58 No	0.184	Thermal Discharging
RRK082	349	'6444919_/_6444916'		0.43	1.37	3.33	0.184	0.5	1.72	0.58 No	0.184	Thermal Discharging
RRK082	350	'6445251_/_6445249'		1.3	4.1	10	0.56	10	5.11	1.75 No	0.56	Thermal Discharging
RRK082	351	'6445000_/_6444997'		0.43	1.37	3.33	0.184	0.5	1.72	0.58 No	0.184	Thermal Discharging
RRK082	352	'43517018_/_4454288'		0.23	1.37	3.33	0.184	0.55	1.95	0.58 No	0.184	Thermal Discharging
RRK082	353	'43918543_/_43918545'		1.2	4.1	10	0.56	10	5.08	1.75 No	0.56	Thermal Discharging
RRK082	354	'6445217_/_6445215'		1.2	4	10	0.56	10	5.06	1.75 No	0.56	Thermal Discharging
RRK082	355	'43917510_/_43917512'		0.47	1.33	3.33	0.184	1.1	1.73	0.58 No	0.184	Thermal Discharging
RRK082	356	'4454467_/_4454464'		0.23	1.37	3.33	0.184	0.55	1.93	0.58 No	0.184	Thermal Discharging
RRK082	357	'7321238_/_7787445_1'		0.23	1.37	3.33	0.184	0.3	1.93	0.58 No	0.184	Thermal Discharging
RRK082	358	'7636673_/_430474545_2'		0.23	1.37	3.33	0.184	0.55	1.93	0.58 No	0.184	Thermal Discharging
RRK082	359	'43918519_/_43918521'		1.2	4	10	0.56	10	5.03	1.75 No	0.56	Thermal Discharging
RRK082	360	'7954999_/_9640155_1'		0.23	1.37	3.33	0.184	0.3	1.93	0.58 No	0.184	Thermal Discharging
RRK082	361	'6440985_/_6440982'		0.73	2.67	6.67	0.376	1.6	3.46	1.17 No	0.376	Thermal Discharging
RRK082	362	'6440590_/_43917501'		0.47	1.33	3.33	0.184	1.1	1.72	0.58 No	0.184	Thermal Discharging
RRK082	363	'6440868_/_6440865'		0.4	1.33	3.33	0.184	0.8	1.72	0.58 No	0.184	Thermal Discharging
RRK082	364	'43918506_/_6445422'		1.2	4	10	0.56	10	5	1.75 No	0.56	Thermal Discharging
RRK082	365	'4452477_/_4452475'		0.3	1.33	3.33	0.184	0.55	1.9	0.58 No	0.184	Thermal Discharging
RRK082	366	'6445200_/_6445604'		1.2	3.9	10	0.56	10	4.98	1.75 No	0.56	Thermal Discharging
RRK082	367	'70460247_/_70460250'		0.3	1.33	3.33	0.184	0.55	1.89	0.58 No	0.184	Thermal Discharging
RRK082	368	'43918787_/_43918789'		1.2	3.9	10	0.56	10	4.94	1.75 No	0.56	Thermal Discharging
RRK082	369	'43918619_/_6445013'		0.43	1.3	3.33	0.184	0.5	1.67	0.58 No	0.184	Thermal Discharging
RRK082	370	'547414870_/_65058629_1'		0.3	1.33	3.33	0.184	0.5	1.88	0.58 No	0.184	Thermal Discharging
RRK082	371	'6445910_/_6445924'		1.2	3.9	10	0.56	10	4.92	1.75 No	0.56	Thermal Discharging
RRK082	372	'8042025_/_8042022'		0.4	1.33	3.33	0.184	0.3	1.91	0.58 No	0.184	Thermal Discharging
RRK082	373	'43918752_/_43918754'		1.2	3.9	10	0.56	10	4.89	1.75 No	0.56	Thermal Discharging
RRK082	374	'6445876_/_6445890'		1.2	3.8	10	0.56	10	4.86	1.75 No	0.56	Thermal Discharging
RRK082	375	'4454291_/_43517020'		0.23	1.3	3.33	0.184	0.55	1.86	0.58 No	0.184	Thermal Discharging
RRK082	376	'6445859_/_6445873'		1.2	3.8	10	0.56	10	4.83	1.75 No	0.56	Thermal Discharging
RRK082	377	'6440509_/_6440519'		0.47	1.27	3.33	0.184	1.1	1.67	0.58 No	0.184	Thermal Discharging
RRK082	378	'6441101_/_6441098'		0.73	2.53	6.67	0.376	1.6	3.34	1.17 No	0.376	Thermal Discharging
RRK082	379	'6445590_/_6445856'		1.2	3.8	10	0.56	10	4.81	1.75 No	0.56	Thermal Discharging
RRK082	380	'43917654_/_6440878'		0.4	1.27	3.33	0.184	0.8	1.66	0.58 No	0.184	Thermal Discharging
RRK082	381	'6440881_/_43917656'		0.4	1.27	3.33	0.184	0.8	1.66	0.58 No	0.184	Thermal Discharging
RRK082	382	'4452452_/_43517092'		0.3	1.27	3.33	0.184	0.55	1.83	0.58 No	0.184	Thermal Discharging
RRK082	383	'43918482_/_43918484'		1.2	3.7	10	0.56	10	4.77	1.75 No	0.56	Thermal Discharging
RRK082	384	'5564688_/_5564685'		0.73	2.47	6.67	0.376	1.9	3.5	1.17 No	0.376	Thermal Discharging
RRK082	385	'6445016_/_43918621'		0.43	1.23	3.33	0.184	0.5	1.62	0.58 No	0.184	Thermal Discharging
RRK082	386	'573729195_/_573728205_1'		0.3	1.27	3.33	0.184	0.3	1.82	0.58 No	0.184	Thermal Discharging
RRK082	387	'43918765_/_6445739'		0.4	1.23	3.33	0.184	1.5	1.59	0.58 No	0.184	Thermal Discharging
RRK082	388	'43517577_/_4454435'		0.3	1.27	3.33	0.184	0.55	1.81	0.58 No	0.184	Thermal Discharging
RRK082	389	'6445184_/_6445570'		1.2	3.7	10	0.56	10	4.75	1.75 No	0.56	Thermal Discharging
RRK082	390	'6445728_/_6445726_1'		0.4	1.23	3.33	0.184	1.5	1.59	0.58 No	0.184	Thermal Discharging
RRK082	391	'230580792_/_230580687_1'		1.2	3.7	10	0.56	1.5	4.75	1.75 No	0.56	Thermal Discharging
RRK082	392	'614828057_/_6445726_2'		0.4	1.23	3.33	0.184	0.5	1.58	0.58 No	0.184	Thermal Discharging
RRK082	393	'6441116_/_6441113'		0.73	2.47	6.67	0.376	1.6	3.29	1.17 No	0.376	Thermal Discharging
RRK082	394	'43918469_/_43918471'		1.2	3.7	10	0.56	10	4.72	1.75 No	0.56	Thermal Discharging
RRK082	395	'230580690_/_230580687_2'		1.2	3.7	10	0.56	1.5	4.73	1.75 No	0.56	Thermal Discharging
RRK082	396	'6445150_/_6445164'		1.2	3.7	10	0.56	10	4.7	1.75 No	0.56	Thermal Discharging
RRK082	397	'6445149_/_6445147'		1.2	3.7	10	0.56	10	4.68	1.75 No	0.56	Thermal Discharging
RRK082	398	'423457513_/_430474545_1'		0.23	1.23	3.33	0.184	0.3	1.8	0.58 No	0.184	Thermal Discharging
RRK082	399	'6441149_/_6441128'		0.67	2.4	6.67	0.376	1.6	3.26	1.17 No	0.376	Thermal Discharging
RRK082	400	'423457503_/_37797593'		0.23	1.23	3.33	0.184	0.3	1.8	0.58 No	0.184	Thermal Discharging
RRK082	401	'423457596_/_37797614'		0.23	1.23	3.33	0.184	0.3	1.8	0.58 No	0.184	Thermal Discharging
RRK082	402	'423457519_/_37797600'		0.23	1.23	3.33	0.184	0.3	1.8	0.58 No	0.184	Thermal Discharging
RRK082	403	'230580710_/_230580707'		1.2	3.6	10	0.56	1.5	4.69	1.75 No	0.56	Thermal Discharging
RRK082	404	'6445129_/_6446097'		1.2	3.6	10	0.56	10	4.67	1.75 No	0.56	Thermal Discharging
RRK082	405	'372951533_/_6441236_1'		0.33	1.2	3.33	0.184	0.3	1.62	0.58 No	0.184	Thermal Discharging
RRK082	406	'6446048_/_6446046_2'		1.2	3.6	10	0.56	5	4.65	1.75 No	0.56	Thermal Discharging
RRK082	407	'6440496_/_6440506'		0.47	1.2	3.33	0.184	1.1	1.62	0.58 No	0.184	Thermal Discharging
RRK082	408	'43918833_/_6446046_1'		1.2	3.6	10	0.56	2.6	4.64	1.75 No	0.56	Thermal Discharging
RRK082	409	'43918811_/_6445726_3'		0.37	1.2	3.33	0.184	0.5	1.55	0.58 No	0.184	Thermal Discharging
RRK082	410	'9640158_/_9640155_2'		0.2	1.2	3.33	0.184	0.3	1.77	0.58 No	0.184	Thermal Discharging
RRK082	411	'6441164_/_6441161'		0.67	2.33	6.67	0.376	1.6	3.2	1.17 No	0.376	Thermal Discharging
RRK082	412	'65058622_/_65058629_2'		0.3	1.2	3.33	0.184	0.5	1.75	0.58 No	0.184	Thermal Discharging
RRK082	413											

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RRK082	414	'6445999_/_6446063'	1.1	3.5	10	0.56	2.6	4.58	1.75 No	0.56	Thermal Discharging
RRK082	415	'4454438_/_43517579'	0.3	1.2	3.33	0.184	0.55	1.73	0.58 No	0.184	Thermal Discharging
RRK082	416	'43917710_/_6441236_2'	0.33	1.17	3.33	0.184	0.3	1.59	0.58 No	0.184	Thermal Discharging
RRK082	417	'6440483_/_6440493'	0.47	1.17	3.33	0.184	1.1	1.57	0.58 No	0.184	Thermal Discharging
RRK082	418	'6446000_/_6445997'	0.37	1.13	3.33	0.184	0.87	1.51	0.58 No	0.184	Thermal Discharging
RRK082	419	'6439267_/_6441252'	0.33	1.13	3.33	0.184	0.3	1.56	0.58 No	0.184	Thermal Discharging
RRK082	420	'6445778_/_6445775'	0.37	1.13	3.33	0.184	0.5	1.5	0.58 No	0.184	Thermal Discharging
RRK082	421	'44059809_/_44059797'	0.5	3.5	10	0.56	1.5	5.23	1.75 No	0.5	Primary Over-Voltage
RRK082	422	'4452465_/_4452462'	0.3	1.17	3.33	0.184	0.55	1.7	0.58 No	0.184	Thermal Discharging
RRK082	423	'6446028_/_6446026'	1.1	3.4	10	0.56	2.6	4.49	1.75 No	0.56	Thermal Discharging
RRK082	424	'598165422_/_598165388_1'	0.3	1.17	3.33	0.184	0.5	1.69	0.58 No	0.184	Thermal Discharging
RRK082	425	'43917676_/_6441176'	0.67	2.27	6.67	0.376	1.6	3.1	1.17 No	0.376	Thermal Discharging
RRK082	426	'573728189_/_573728205_2'	0.3	1.13	3.33	0.184	0.3	1.68	0.58 No	0.184	Thermal Discharging
RRK082	427	'387292293_/_126986682_2'	0.17	1.13	3.33	0.184	0.5	1.71	0.58 No	0.17	Primary Over-Voltage
RRK082	428	'6440470_/_6440480'	0.47	1.1	3.33	0.184	1.1	1.53	0.58 No	0.184	Thermal Discharging
RRK082	429	'43918776_/_6445788'	0.37	1.13	3.33	0.184	0.5	1.48	0.58 No	0.184	Thermal Discharging
RRK082	430	'6441194_/_6441191'	0.6	2.2	6.67	0.376	1.6	3.04	1.17 No	0.376	Thermal Discharging
RRK082	431	'6441268_/_6441265'	0.3	1.1	3.33	0.184	0.3	1.52	0.58 No	0.184	Thermal Discharging
RRK082	432	'5572426_/_43740222'	0.6	2.2	6.67	0.376	1.9	3.2	1.17 No	0.376	Thermal Discharging
RRK082	433	'6440606_/_6440603'	0.47	1.1	3.33	0.184	1.1	1.51	0.58 No	0.184	Thermal Discharging
RRK082	434	'5572413_/_5572410_2'	0.3	1.1	3.33	0.184	0.95	1.6	0.58 No	0.184	Thermal Discharging
RRK082	435	'5572439_/_5579320_1'	0.3	1.1	3.33	0.184	0.3	1.59	0.58 No	0.184	Thermal Discharging
RRK082	436	'43918495_/_6446010'	0.37	1.1	3.33	0.184	0.87	1.45	0.58 No	0.184	Thermal Discharging
RRK082	437	'43917721_/_43917723'	0.3	1.1	3.33	0.184	0.3	1.51	0.58 No	0.184	Thermal Discharging
RRK082	438	'6445807_/_6445804'	0.33	1.1	3.33	0.184	0.5	1.45	0.58 No	0.184	Thermal Discharging
RRK082	439	'5572412_/_5572410_1'	0.3	1.07	3.33	0.184	0.3	1.59	0.58 No	0.184	Thermal Discharging
RRK082	440	'6446082_/_6446080'	1.1	3.2	10	0.56	2.6	4.34	1.75 No	0.56	Thermal Discharging
RRK082	441	'8585076_/_384822817'	0.2	1.1	3.33	0.184	0.3	1.64	0.58 No	0.184	Thermal Discharging
RRK082	442	'5579281_/_5579320_2'	0.3	1.07	3.33	0.184	0.3	1.58	0.58 No	0.184	Thermal Discharging
RRK082	443	'6440469_/_6440467'	0.47	1.07	3.33	0.184	1.1	1.49	0.58 No	0.184	Thermal Discharging
RRK082	444	'6441209_/_6441206'	0.6	2.13	6.67	0.376	1.6	2.98	1.17 No	0.376	Thermal Discharging
RRK082	445	'7787448_/_7787445_2'	0.2	1.1	3.33	0.184	0.3	1.63	0.58 No	0.184	Thermal Discharging
RRK082	446	'4472709_/_7082009'	0.3	1.1	3.33	0.184	0.55	1.61	0.58 No	0.184	Thermal Discharging
RRK082	447	'126986671_/_126986682_1'	0.17	1.1	3.33	0.184	0.3	1.64	0.58 No	0.17	Primary Over-Voltage
RRK082	448	'43740232_/_5572449'	0.3	1.07	3.33	0.184	0.3	1.55	0.58 No	0.184	Thermal Discharging
RRK082	449	'6441224_/_6441221'	0.6	2.13	6.67	0.376	1.6	2.95	1.17 No	0.376	Thermal Discharging
RRK082	450	'5572158_/_5579305'	0.6	2.07	6.67	0.376	1.9	3.11	1.17 No	0.376	Thermal Discharging
RRK082	451	'6441283_/_6441281_1'	0.3	1.03	3.33	0.184	0.3	1.47	0.58 No	0.184	Thermal Discharging
RRK082	452	'6440648_/_6440658'	0.47	1.03	3.33	0.184	1.1	1.46	0.58 No	0.184	Thermal Discharging
RRK082	453	'6446013_/_43918497'	0.37	1.03	3.33	0.184	0.87	1.4	0.58 No	0.184	Thermal Discharging
RRK082	454	'6439250_/_6439248'	0.3	1.03	3.33	0.184	0.3	1.45	0.58 No	0.184	Thermal Discharging
RRK082	455	'4482656_/_4482654_1'	0.3	1.07	3.33	0.184	0.5	1.57	0.58 No	0.184	Thermal Discharging
RRK082	456	'6445820_/_6445817'	0.33	1.03	3.33	0.184	0.5	1.4	0.58 No	0.184	Thermal Discharging
RRK082	457	'5560247_/_7098726'	1	3.1	10	0.56	2.6	4.21	1.75 No	0.56	Thermal Discharging
RRK082	458	'6441433_/_6441446'	0.6	2.07	6.67	0.376	1.6	2.9	1.17 No	0.376	Thermal Discharging
RRK082	459	'6441420_/_6441417_2'	0.3	1.03	3.33	0.184	0.8	1.45	0.58 No	0.184	Thermal Discharging
RRK082	460	'7639935_/_430474569'	0.2	1.07	3.33	0.184	0.3	1.57	0.58 No	0.184	Thermal Discharging
RRK082	461	'43917688_/_6441281_2'	0.3	1.03	3.33	0.184	0.3	1.44	0.58 No	0.184	Thermal Discharging
RRK082	462	'5572361_/_5572371'	0.3	1.03	3.33	0.184	0.3	1.51	0.58 No	0.184	Thermal Discharging
RRK082	463	'43738672_/_5579279'	0.3	1	3.33	0.184	0.3	1.51	0.58 No	0.184	Thermal Discharging
RRK082	464	'5572387_/_5574952_1'	0.3	1	3.33	0.184	0.2	1.5	0.58 No	0.184	Thermal Discharging
RRK082	465	'6441404_/_6441417_1'	0.3	1	3.33	0.184	0.5	1.42	0.58 No	0.184	Thermal Discharging
RRK082	466	'43917521_/_6440645'	0.43	1	3.33	0.184	1.1	1.42	0.58 No	0.184	Thermal Discharging
RRK082	467	'6443718_/_6443715'	0.3	1	3.33	0.184	0.8	1.42	0.58 No	0.184	Thermal Discharging
RRK082	468	'5572140_/_5572155'	0.6	2	6.67	0.376	1.9	2.99	1.17 No	0.376	Thermal Discharging
RRK082	469	'4472710_/_4472707'	0.3	1.03	3.33	0.184	0.55	1.53	0.58 No	0.184	Thermal Discharging
RRK082	470	'5572400_/_43740256'	0.3	1	3.33	0.184	0.3	1.48	0.58 No	0.184	Thermal Discharging
RRK082	471	'6441297_/_43917690'	0.3	1	3.33	0.184	0.3	1.41	0.58 No	0.184	Thermal Discharging
RRK082	472	'5560230_/_5560244'	1	2.9	10	0.56	2.6	4.1	1.75 No	0.56	Thermal Discharging
RRK082	473	'43740243_/_5574952_2'	0.3	1	3.33	0.184	0.2	1.48	0.58 No	0.184	Thermal Discharging
RRK082	474	'7639967_/_9531936_1'	0.3	1.03	3.33	0.184	0.5	1.52	0.58 No	0.184	Thermal Discharging
RRK082	475	'6445833_/_6445830'	0.3	1	3.33	0.184	0.5	1.36	0.58 No	0.184	Thermal Discharging
RRK082	476	'5572332_/_5572358'	0.3	1	3.33	0.184	0.3	1.47	0.58 No	0.184	Thermal Discharging
RRK082	477	'4472790_/_4482654_2'	0.3	1	3.33	0.184	0.5	1.52	0.58 No	0.184	Thermal Discharging
RRK082	478	'6441313_/_6441310'	0.27	0.97	3.33	0.184	0.3	1.39	0.58 No	0.184	Thermal Discharging
RRK082	479	'598166021_/_573728237'	0.3	1	3.33	0.184	0.3	1.5	0.58 No	0.184	Thermal Discharging
RRK082	480	'43917543_/_6440671'	0.43	0.97	3.33	0.184	1.1	1.39	0.58 No	0.184	Thermal Discharging
RRK082	481	'8585077_/_430474589'	0.2	1	3.33	0.184	0.3	1.5	0.58 No	0.184	Thermal Discharging
RRK082	482	'6441326_/_6441323'	0.27	0.97	3.33	0.184	0.3	1.38	0.58 No	0.184	Thermal Discharging
RRK082	483	'43917532_/_6440632'	0.43	0.97	3.33	0.184	1.1	1.38	0.58 No	0.184	Thermal Discharging
RRK082	484	'6441391_/_6441401'	0.27	0.97	3.33	0.184	0.5	1.38	0.58 No	0.184	Thermal Discharging
RRK082	485	'43917732_/_43917734'	0.3	0.97	3.33	0.184	0.8	1.38	0.58 No	0.184	Thermal Discharging
RRK082	486	'5579282_/_43738674'	0.27	0.97	3.33	0.184	0.3	1.44	0.58 No	0.184	Thermal Discharging
RRK082	487	'598165372_/_598165388_2'	0.3	1	3.33	0.184	0.5	1.48	0.58 No	0.184	Thermal Discharging
RRK082	488	'573728253_/_598166049'	0.3	0.97	3.33	0.184	0.3	1.48	0.58 No	0.184	Thermal Discharging
RRK082	489	'5560213_/_5560227'	1	2.8	10	0.56	2.6	3.99	1.75 No	0.56	Thermal Discharging
RRK082	490	'5564397_/_5572329'	0.27	0.97	3.33	0.184	0.3	1.43	0.58 No	0.184	Thermal Discharging
RRK082	491	'5564398_/_5564395'	0.27	0.97	3.33	0.184	0.3	1.42	0.58 No	0.184	Thermal Discharging
RRK082	492	'395135800_/_430474600'	0.2	0.97	3.33	0.184	0.3	1.47	0.58 No	0.184	Thermal Discharging
RRK082	493	'5564411_/_5574926_1'	0.27	0.97	3.33	0.184	0.2	1.42	0.58 No	0.184	Thermal Discharging
RRK082	494	'43918800_/_6445843'	0.3	0.97	3.33	0.184	0.5	1.31	0.58 No	0.184	Thermal Discharging
RRK082	495	'5572125_/_5572137'	0.53	1.87	6.67	0.376	1.9	2.86	1.17 No	0.376	Thermal Discharging
RRK082	496	'6441339_/_6441336'	0.27	0.93	3.33	0.184	0.3	1.35	0.58 No	0.184	Thermal Discharging
RRK082	497	'5564452_/_5574939'	0.27	0.93	3.33	0.184	0.2	1.41	0.58 No	0.184	Thermal Discharging
RRK082	498	'7144079_/_44059811'	0.4	2.9	10	0.56	1.5	4.44	1.75 No	0.4	Primary Over-Voltage
RRK082	499	'6441378_/_6441388'	0.27	0.93	3.33	0.184	0.5	1.35	0.58 No	0.184	Thermal Discharging
RRK082	500	'8747239_/_9691694_1'	0.4	2.9	10	0.56	0.9	4.43	1.75 No	0.4	Primary Over-Voltage
RRK082	501	'6443731_/_6443741'	0.3	0.93	3.33	0.184	0.8	1.35	0.58 No	0.184	Thermal Discharging
RRK082	502	'4472723_/_4472720'	0.3	0.97	3.33	0.184	0.55	1.44	0.58 No	0.184	Thermal Discharging
RRK082	503	'67570564_/_67570461_1'	0.3	0.93	3.33	0.184	0.3	1.34	0.58 No	0.184	Thermal Discharging
RRK082	504	'9691697_/_9691694_2'	0.4	2.9	10	0.56	0.9	4.41	1.75 No	0.4	Primary Over-Voltage
RRK082	505	'43917565_/_6440687'	0.4	0.93	3.33	0.184	1.1	1.34	0.58 No	0.184	Thermal Discharging
RRK082	506	'6440621_/_6440619'	0.4	0.93	3.33	0.184	1.1	1.33	0.58 No	0.184	Thermal Discharging
RRK082	507	'5560193_/_5560210'	0.9	2.7	10	0.56	2.6	3.88	1.75 No	0.56	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RRK082	508	'5572344_/_5572342'	0.27	0.93	3.33	0.184	0.3	1.38	0.58 No	0.184	Thermal Discharging
RRK082	509	'7639950_/_395135871'	0.2	0.93	3.33	0.184	0.3	1.43	0.58 No	0.184	Thermal Discharging
RRK082	510	'7405791_/_8663735_1'	0.27	0.93	3.33	0.184	0.2	1.38	0.58 No	0.184	Thermal Discharging
RRK082	511	'569629827_/_569629835'	0.4	2.8	10	0.56	0.9	4.35	1.75 No	0.4	Primary Over-Voltage
RRK082	512	'7719554_/_7719552_1'	0.27	0.9	3.33	0.184	0.3	1.38	0.58 No	0.184	Thermal Discharging
RRK082	513	'598165446_/_598165462'	0.3	0.93	3.33	0.184	0.5	1.42	0.58 No	0.184	Thermal Discharging
RRK082	514	'6441365_/_6441375'	0.27	0.9	3.33	0.184	0.5	1.32	0.58 No	0.184	Thermal Discharging
RRK082	515	'6445846_/_43918802'	0.3	0.9	3.33	0.184	0.5	1.27	0.58 No	0.184	Thermal Discharging
RRK082	516	'43739386_/_5574926_2'	0.27	0.9	3.33	0.184	0.2	1.37	0.58 No	0.184	Thermal Discharging
RRK082	517	'7764204_/_9342604_1'	0.27	0.9	3.33	0.184	0.3	1.31	0.58 No	0.184	Thermal Discharging
RRK082	518	'43739397_/_5564450'	0.27	0.9	3.33	0.184	0.2	1.37	0.58 No	0.184	Thermal Discharging
RRK082	519	'573728221_/_573728269'	0.3	0.93	3.33	0.184	0.3	1.41	0.58 No	0.184	Thermal Discharging
RRK082	520	'43917699_/_6441349'	0.27	0.9	3.33	0.184	0.3	1.3	0.58 No	0.184	Thermal Discharging
RRK082	521	'6441532_/_6443728'	0.3	0.9	3.33	0.184	0.8	1.31	0.58 No	0.184	Thermal Discharging
RRK082	522	'43917554_/_6440700'	0.4	0.9	3.33	0.184	1.1	1.31	0.58 No	0.184	Thermal Discharging
RRK082	523	'9531939_/_9531936_2'	0.3	0.9	3.33	0.184	0.5	1.39	0.58 No	0.184	Thermal Discharging
RRK082	524	'5566481_/_5576819'	0.27	0.9	3.33	0.184	0.3	1.34	0.58 No	0.184	Thermal Discharging
RRK082	525	'4472791_/_4472788'	0.3	0.9	3.33	0.184	0.5	1.39	0.58 No	0.184	Thermal Discharging
RRK082	526	'7719555_/_7719552_2'	0.27	0.9	3.33	0.184	0.3	1.34	0.58 No	0.184	Thermal Discharging
RRK082	527	'43917643_/_6441362'	0.27	0.9	3.33	0.184	0.5	1.29	0.58 No	0.184	Thermal Discharging
RRK082	528	'6443773_/_6443770'	0.4	0.9	3.33	0.184	1.1	1.29	0.58 No	0.184	Thermal Discharging
RRK082	529	'43738239_/_43738241'	0.9	2.6	10	0.56	2.6	3.76	1.75 No	0.56	Thermal Discharging
RRK082	530	'43738660_/_43738662'	0.53	1.73	6.67	0.376	1.9	2.71	1.17 No	0.376	Thermal Discharging
RRK082	531	'44974398_/_5564466'	0.27	0.9	3.33	0.184	0.2	1.34	0.58 No	0.184	Thermal Discharging
RRK082	532	'569629852_/_569629868'	0.4	2.7	10	0.56	0.9	4.19	1.75 No	0.4	Primary Over-Voltage
RRK082	533	'4472739_/_4472736'	0.3	0.9	3.33	0.184	0.55	1.36	0.58 No	0.184	Thermal Discharging
RRK082	534	'5564424_/_5564421'	0.23	0.87	3.33	0.184	0.2	1.32	0.58 No	0.184	Thermal Discharging
RRK082	535	'43917743_/_6441529'	0.3	0.87	3.33	0.184	0.8	1.26	0.58 No	0.184	Thermal Discharging
RRK082	536	'67570454_/_67570461_2'	0.3	0.87	3.33	0.184	0.3	1.26	0.58 No	0.184	Thermal Discharging
RRK082	537	'9342607_/_9342604_2'	0.23	0.87	3.33	0.184	0.3	1.26	0.58 No	0.184	Thermal Discharging
RRK082	538	'43739364_/_5566479'	0.23	0.87	3.33	0.184	0.3	1.31	0.58 No	0.184	Thermal Discharging
RRK082	539	'6441352_/_43917701'	0.23	0.87	3.33	0.184	0.3	1.25	0.58 No	0.184	Thermal Discharging
RRK082	540	'7324870_/_430474611'	0.17	0.87	3.33	0.184	0.3	1.35	0.58 No	0.17	Primary Over-Voltage
RRK082	541	'5560041_/_5560261'	0.9	2.5	10	0.56	2.6	3.67	1.75 No	0.56	Thermal Discharging
RRK082	542	'569133112_/_43738215_3'	0.9	2.5	10	0.56	2.6	3.67	1.75 No	0.56	Thermal Discharging
RRK082	543	'5560053_/_43738215_2'	0.9	2.5	10	0.56	1.7	3.67	1.75 No	0.56	Thermal Discharging
RRK082	544	'6440897_/_6440907'	0.23	0.87	3.33	0.184	0.5	1.25	0.58 No	0.184	Thermal Discharging
RRK082	545	'569133147_/_5560025_3'	0.3	0.83	3.33	0.184	0.87	1.22	0.58 No	0.184	Thermal Discharging
RRK082	546	'5560028_/_5560025_2'	0.3	0.83	3.33	0.184	0.5	1.22	0.58 No	0.184	Thermal Discharging
RRK082	547	'8663738_/_8663735_2'	0.23	0.87	3.33	0.184	0.2	1.3	0.58 No	0.184	Thermal Discharging
RRK082	548	'6440716_/_43917556'	0.37	0.87	3.33	0.184	1.1	1.25	0.58 No	0.184	Thermal Discharging
RRK082	549	'598165960_/_598166000'	0.3	0.87	3.33	0.184	0.3	1.33	0.58 No	0.184	Thermal Discharging
RRK082	550	'5560115_/_43738215_1'	0.9	2.5	10	0.56	1.7	3.63	1.75 No	0.56	Thermal Discharging
RRK082	551	'6440923_/_6440920'	0.23	0.83	3.33	0.184	0.5	1.24	0.58 No	0.184	Thermal Discharging
RRK082	552	'43738648_/_43738650'	0.47	1.67	6.67	0.376	1.9	2.6	1.17 No	0.376	Thermal Discharging
RRK082	553	'5560027_/_5560025_1'	0.3	0.83	3.33	0.184	0.5	1.2	0.58 No	0.184	Thermal Discharging
RRK082	554	'4472752_/_4472749'	0.3	0.87	3.33	0.184	0.55	1.31	0.58 No	0.184	Thermal Discharging
RRK082	555	'5566482_/_43739366'	0.23	0.83	3.33	0.184	0.3	1.27	0.58 No	0.184	Thermal Discharging
RRK082	556	'547179950_/_154639953_1'	0.3	0.87	3.33	0.184	0.5	1.3	0.58 No	0.184	Thermal Discharging
RRK082	557	'598165478_/_598165494'	0.3	0.87	3.33	0.184	0.5	1.31	0.58 No	0.184	Thermal Discharging
RRK082	558	'7764187_/_9342620'	0.23	0.83	3.33	0.184	0.3	1.23	0.58 No	0.184	Thermal Discharging
RRK082	559	'6441506_/_6441516'	0.3	0.83	3.33	0.184	0.8	1.22	0.58 No	0.184	Thermal Discharging
RRK082	560	'43739375_/_5564809'	0.23	0.83	3.33	0.184	0.2	1.27	0.58 No	0.184	Thermal Discharging
RRK082	561	'6440784_/_6440794'	0.23	0.83	3.33	0.184	0.5	1.22	0.58 No	0.184	Thermal Discharging
RRK082	562	'43917631_/_6440933'	0.23	0.83	3.33	0.184	0.5	1.22	0.58 No	0.184	Thermal Discharging
RRK082	563	'43520392_/_4472817'	0.3	0.83	3.33	0.184	0.5	1.31	0.58 No	0.184	Thermal Discharging
RRK082	564	'5563293_/_5574173'	0.23	0.83	3.33	0.184	0.3	1.26	0.58 No	0.184	Thermal Discharging
RRK082	565	'6440839_/_6440849_1'	0.23	0.83	3.33	0.184	0.3	1.22	0.58 No	0.184	Thermal Discharging
RRK082	566	'5563294_/_5563304_1'	0.23	0.83	3.33	0.184	0.2	1.26	0.58 No	0.184	Thermal Discharging
RRK082	567	'43917576_/_6440726'	0.37	0.83	3.33	0.184	1.1	1.22	0.58 No	0.184	Thermal Discharging
RRK082	568	'6440936_/_43917633'	0.23	0.83	3.33	0.184	0.5	1.21	0.58 No	0.184	Thermal Discharging
RRK082	569	'43520381_/_4472762'	0.3	0.83	3.33	0.184	0.55	1.28	0.58 No	0.184	Thermal Discharging
RRK082	570	'5563307_/_5563304_2'	0.23	0.83	3.33	0.184	0.2	1.25	0.58 No	0.184	Thermal Discharging
RRK082	571	'598165524_/_598165521'	0.3	0.83	3.33	0.184	0.5	1.28	0.58 No	0.184	Thermal Discharging
RRK082	572	'7324869_/_430474622'	0.17	0.83	3.33	0.184	0.3	1.28	0.58 No	0.17	Primary Over-Voltage
RRK082	573	'4472804_/_4472801'	0.3	0.83	3.33	0.184	0.5	1.28	0.58 No	0.184	Thermal Discharging
RRK082	574	'6440783_/_6440781'	0.23	0.8	3.33	0.184	0.5	1.2	0.58 No	0.184	Thermal Discharging
RRK082	575	'6440771_/_6440768_1'	0.23	0.8	3.33	0.184	0.3	1.19	0.58 No	0.184	Thermal Discharging
RRK082	576	'5572251_/_5572248'	0.23	0.8	3.33	0.184	0.2	1.23	0.58 No	0.184	Thermal Discharging
RRK082	577	'43738636_/_43738638'	0.47	1.6	6.67	0.376	1.9	2.51	1.17 No	0.376	Thermal Discharging
RRK082	578	'6441493_/_6441503'	0.3	0.8	3.33	0.184	0.8	1.19	0.58 No	0.184	Thermal Discharging
RRK082	579	'598165928_/_598165976'	0.3	0.83	3.33	0.184	0.3	1.27	0.58 No	0.184	Thermal Discharging
RRK082	580	'43917609_/_6440849_2'	0.23	0.8	3.33	0.184	0.3	1.19	0.58 No	0.184	Thermal Discharging
RRK082	581	'5572263_/_5572274'	0.23	0.8	3.33	0.184	0.2	1.23	0.58 No	0.184	Thermal Discharging
RRK082	582	'43917598_/_6440742'	0.33	0.8	3.33	0.184	1.1	1.19	0.58 No	0.184	Thermal Discharging
RRK082	583	'6440729_/_43917578'	0.33	0.8	3.33	0.184	1.1	1.19	0.58 No	0.184	Thermal Discharging
RRK082	584	'6440758_/_6440768_2'	0.23	0.8	3.33	0.184	0.3	1.18	0.58 No	0.184	Thermal Discharging
RRK082	585	'43740558_/_43740560'	0.23	0.8	3.33	0.184	0.3	1.22	0.58 No	0.184	Thermal Discharging
RRK082	586	'6440810_/_6440807'	0.23	0.8	3.33	0.184	0.5	1.18	0.58 No	0.184	Thermal Discharging
RRK082	587	'5574150_/_5574147_2'	0.23	0.8	3.33	0.184	0.3	1.22	0.58 No	0.184	Thermal Discharging
RRK082	588	'8274395_/_8274408'	0.17	0.8	3.33	0.184	0.3	1.26	0.58 No	0.17	Primary Over-Voltage
RRK082	589	'43517112_/_7082025'	0.3	0.8	3.33	0.184	0.5	1.25	0.58 No	0.184	Thermal Discharging
RRK082	590	'44876645_/_5564434'	0.23	0.8	3.33	0.184	0.2	1.22	0.58 No	0.184	Thermal Discharging
RRK082	591	'5560071_/_5560068'	0.3	0.77	3.33	0.184	0.5	1.14	0.58 No	0.184	Thermal Discharging
RRK082	592	'5563385_/_5574147_1'	0.23	0.8	3.33	0.184	0.2	1.2	0.58 No	0.184	Thermal Discharging
RRK082	593	'6440757_/_6440755'	0.23	0.77	3.33	0.184	0.3	1.16	0.58 No	0.184	Thermal Discharging
RRK082	594	'43917754_/_6441490'	0.3	0.77	3.33	0.184	0.8	1.16	0.58 No	0.184	Thermal Discharging
RRK082	595	'43917581_/_6440823'	0.23	0.77	3.33	0.184	0.5	1.16	0.58 No	0.184	Thermal Discharging
RRK082	596	'43740525_/_5572261'	0.23	0.77	3.33	0.184	0.2	1.2	0.58 No	0.184	Thermal Discharging
RRK082	597	'6440852_/_43917611'	0.23	0.77	3.33	0.184	0.3	1.16	0.58 No	0.184	Thermal Discharging
RRK082	598	'4472778_/_43520383'	0.3	0.8	3.33	0.184	0.55	1.22	0.58 No	0.184	Thermal Discharging
RRK082	599	'7082028_/_43517114'	0.3	0.8	3.33	0.184	0.5	1.23	0.58 No	0.184	Thermal Discharging
RRK082	600	'5572065_/_5572077'	0.4	1.53	6.67	0.376	1.9	2.41	1.17 No	0.376	Thermal Discharging
RRK082	601	'395135757_/_430474633'	0.17	0.77	3.33	0.184	0.3	1.22	0.58 No	0.17	Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RRK082	602	'5560087_/_5560084'		0.3	0.73	3.33	0.184	0.5	1.12	0.58 No	0.184 Thermal Discharging
RRK082	603	'6440826_/_43917589'		0.2	0.77	3.33	0.184	0.5	1.14	0.58 No	0.184 Thermal Discharging
RRK082	604	'598165876_/_598165944'		0.27	0.77	3.33	0.184	0.3	1.21	0.58 No	0.184 Thermal Discharging
RRK082	605	'43740514_/_43740527'		0.23	0.77	3.33	0.184	0.2	1.17	0.58 No	0.184 Thermal Discharging
RRK082	606	'5563372_/_5563382_2'		0.23	0.77	3.33	0.184	0.2	1.17	0.58 No	0.184 Thermal Discharging
RRK082	607	'466619436_/_464028095_1'		0.23	0.77	3.33	0.184	0.1	1.16	0.58 No	0.1 Element Fault
RRK082	608	'6440745_/_43917600'		0.33	0.77	3.33	0.184	1.1	1.13	0.58 No	0.184 Thermal Discharging
RRK082	609	'43738806_/_5563382_1'		0.2	0.77	3.33	0.184	0.2	1.16	0.58 No	0.184 Thermal Discharging
RRK082	610	'395135739_/_395135771'		0.17	0.77	3.33	0.184	0.3	1.2	0.58 No	0.17 Primary Over-Voltage
RRK082	611	'6441467_/_6441477'		0.3	0.73	3.33	0.184	0.8	1.13	0.58 No	0.184 Thermal Discharging
RRK082	612	'8584315_/_154639953_2'		0.3	0.77	3.33	0.184	0.5	1.19	0.58 No	0.184 Thermal Discharging
RRK082	613	'6443172_/_6443182_1'		0.3	0.73	3.33	0.184	0.5	1.12	0.58 No	0.184 Thermal Discharging
RRK082	614	'5560100_/_5560097'		0.3	0.73	3.33	0.184	0.5	1.09	0.58 No	0.184 Thermal Discharging
RRK082	615	'598165844_/_598165892'		0.27	0.77	3.33	0.184	0.3	1.18	0.58 No	0.184 Thermal Discharging
RRK082	616	'435985755_/_464028095_2'		0.2	0.73	3.33	0.184	0.1	1.14	0.58 No	0.1 Element Fault
RRK082	617	'6441466_/_43917767'		0.3	0.73	3.33	0.184	0.8	1.11	0.58 No	0.184 Thermal Discharging
RRK082	618	'4464092_/_4472856'		0.27	0.73	3.33	0.184	0.55	1.16	0.58 No	0.184 Thermal Discharging
RRK082	619	'43917776_/_6443182_2'		0.3	0.73	3.33	0.184	0.5	1.1	0.58 No	0.184 Thermal Discharging
RRK082	620	'43738626_/_43738626'		0.4	1.47	6.67	0.376	1.9	2.3	0.58 No	0.376 Thermal Discharging
RRK082	621	'547415055_/_4464076_2'		0.27	0.73	3.33	0.184	0.55	1.15	0.58 No	0.184 Thermal Discharging
RRK082	622	'37797547_/_417677445'		0.27	0.73	3.33	0.184	0.5	1.14	0.58 No	0.184 Thermal Discharging
RRK082	623	'37797554_/_37797551'		0.27	0.73	3.33	0.184	0.5	1.14	0.58 No	0.184 Thermal Discharging
RRK082	624	'38041843_/_38041840'		0.27	0.73	3.33	0.184	0.5	1.14	0.58 No	0.184 Thermal Discharging
RRK082	625	'37797575_/_37797579'		0.27	0.73	3.33	0.184	0.5	1.14	0.58 No	0.184 Thermal Discharging
RRK082	626	'37797561_/_37797558'		0.27	0.73	3.33	0.184	0.5	1.14	0.58 No	0.184 Thermal Discharging
RRK082	627	'4464078_/_4464076_1'		0.27	0.73	3.33	0.184	0.5	1.14	0.58 No	0.184 Thermal Discharging
RRK082	628	'5563371_/_5563369'		0.2	0.7	3.33	0.184	0.2	1.11	0.58 No	0.184 Thermal Discharging
RRK082	629	'7406119_/_464028112'		0.2	0.7	3.33	0.184	0.1	1.1	0.58 No	0.1 Element Fault
RRK082	630	'43917788_/_43917778'		0.3	0.7	3.33	0.184	0.5	1.06	0.58 No	0.184 Thermal Discharging
RRK082	631	'5571980_/_5572047'		0.4	1.4	6.67	0.376	1.9	2.2	1.17 No	0.376 Thermal Discharging
RRK082	632	'547170658_/_4472908'		0.27	0.7	3.33	0.184	0.55	1.1	0.58 No	0.184 Thermal Discharging
RRK082	633	'598165812_/_598165860'		0.23	0.7	3.33	0.184	0.3	1.11	0.58 No	0.184 Thermal Discharging
RRK082	634	'43740884_/_43740886'		0.2	0.7	3.33	0.184	0.2	1.07	0.58 No	0.184 Thermal Discharging
RRK082	635	'6441558_/_6441555'		0.3	0.67	3.33	0.184	0.5	1.04	0.58 No	0.184 Thermal Discharging
RRK082	636	'7958644_/_7958641'		0.27	0.7	3.33	0.184	0.5	1.09	0.58 No	0.184 Thermal Discharging
RRK082	637	'5571995_/_5572005_1'		0.2	0.67	3.33	0.184	0.3	1.09	0.58 No	0.184 Thermal Discharging
RRK082	638	'43520436_/_4472934'		0.27	0.7	3.33	0.184	0.55	1.08	0.58 No	0.184 Thermal Discharging
RRK082	639	'7958628_/_7958625'		0.27	0.7	3.33	0.184	0.5	1.08	0.58 No	0.184 Thermal Discharging
RRK082	640	'7958659_/_395135658'		0.17	0.7	3.33	0.184	0.3	1.09	0.58 No	0.17 Primary Over-Voltage
RRK082	641	'6441574_/_6441571'		0.3	0.67	3.33	0.184	0.5	1.03	0.58 No	0.184 Thermal Discharging
RRK082	642	'43738579_/_43738581'		0.4	1.33	6.67	0.376	1.9	2.16	1.17 No	0.376 Thermal Discharging
RRK082	643	'5563358_/_5577586'		0.2	0.67	3.33	0.184	0.2	1.05	0.58 No	0.184 Thermal Discharging
RRK082	644	'5563346_/_5563356'		0.2	0.67	3.33	0.184	0.2	1.05	0.58 No	0.184 Thermal Discharging
RRK082	645	'4472872_/_4472869'		0.27	0.7	3.33	0.184	0.5	1.07	0.58 No	0.184 Thermal Discharging
RRK082	646	'53567695_/_43520438'		0.27	0.67	3.33	0.184	0.55	1.07	0.58 No	0.184 Thermal Discharging
RRK082	647	'53567797_/_53567736_1'		0.27	0.67	3.33	0.184	0.5	1.07	0.58 No	0.184 Thermal Discharging
RRK082	648	'5572008_/_5572005_2'		0.2	0.67	3.33	0.184	0.3	1.06	0.58 No	0.184 Thermal Discharging
RRK082	649	'5563333_/_5563343'		0.2	0.67	3.33	0.184	0.2	1.04	0.58 No	0.184 Thermal Discharging
RRK082	650	'43917799_/_6441584'		0.3	0.67	3.33	0.184	0.5	1.01	0.58 No	0.184 Thermal Discharging
RRK082	651	'5563482_/_5563479'		0.2	0.67	3.33	0.184	0.2	1.03	0.58 No	0.184 Thermal Discharging
RRK082	652	'598165780_/_598165828'		0.23	0.67	3.33	0.184	0.3	1.06	0.58 No	0.184 Thermal Discharging
RRK082	653	'470306176_/_4472882'		0.27	0.67	3.33	0.184	0.5	1.05	0.58 No	0.184 Thermal Discharging
RRK082	654	'5563320_/_5563330'		0.2	0.67	3.33	0.184	0.2	1.02	0.58 No	0.184 Thermal Discharging
RRK082	655	'43917810_/_6441597'		0.3	0.63	3.33	0.184	0.5	0.99	0.58 No	0.184 Thermal Discharging
RRK082	656	'5571947_/_5571962'		0.33	1.27	6.67	0.376	1.9	2.08	1.17 No	0.33 Primary Over-Voltage
RRK082	657	'7405861_/_8356478_1'		0.17	0.63	3.33	0.184	0.3	1.04	0.58 No	0.17 Primary Over-Voltage
RRK082	658	'4472924_/_53567692'		0.27	0.67	3.33	0.184	0.55	1.04	0.58 No	0.184 Thermal Discharging
RRK082	659	'5563495_/_5563492'		0.2	0.63	3.33	0.184	0.2	1.02	0.58 No	0.184 Thermal Discharging
RRK082	660	'43738795_/_43738797'		0.2	0.63	3.33	0.184	0.2	1.01	0.58 No	0.184 Thermal Discharging
RRK082	661	'43740196_/_43740198'		0.2	0.63	3.33	0.184	0.2	1.01	0.58 No	0.184 Thermal Discharging
RRK082	662	'6441613_/_6441610'		0.3	0.63	3.33	0.184	0.2	0.98	0.58 No	0.184 Thermal Discharging
RRK082	663	'4472949_/_43520460'		0.23	0.67	3.33	0.184	0.55	1.03	0.58 No	0.184 Thermal Discharging
RRK082	664	'43738613_/_5572021'		0.17	0.63	3.33	0.184	0.3	1.03	0.58 No	0.17 Primary Over-Voltage
RRK082	665	'5566468_/_5566466'		0.17	0.63	3.33	0.184	0.2	1.01	0.58 No	0.17 Primary Over-Voltage
RRK082	666	'5563319_/_5563317'		0.17	0.63	3.33	0.184	0.2	1	0.58 No	0.17 Primary Over-Voltage
RRK082	667	'5563398_/_5563395'		0.17	0.63	3.33	0.184	0.2	1	0.58 No	0.17 Primary Over-Voltage
RRK082	668	'4472885_/_470306180'		0.23	0.63	3.33	0.184	0.5	1.02	0.58 No	0.184 Thermal Discharging
RRK082	669	'6441626_/_6441623'		0.3	0.63	3.33	0.184	0.5	0.97	0.58 No	0.184 Thermal Discharging
RRK082	670	'7450887_/_9029807_1'		0.3	0.63	3.33	0.184	0.1	0.97	0.58 No	0.1 Element Fault
RRK082	671	'4472978_/_4472963'		0.23	0.63	3.33	0.184	0.55	1.01	0.58 No	0.184 Thermal Discharging
RRK082	672	'5571874_/_5571944'		0.33	1.27	6.67	0.376	1.9	2.01	1.17 No	0.33 Primary Over-Voltage
RRK082	673	'5563411_/_5563408'		0.17	0.63	3.33	0.184	0.2	0.99	0.58 No	0.17 Primary Over-Voltage
RRK082	674	'598165748_/_598165796'		0.23	0.63	3.33	0.184	0.3	1.01	0.58 No	0.184 Thermal Discharging
RRK082	675	'547415283_/_4473083_2'		0.23	0.63	3.33	0.184	0.55	1	0.58 No	0.184 Thermal Discharging
RRK082	676	'459331316_/_43738604_1'		0.17	0.63	3.33	0.184	0.3	1	0.58 No	0.17 Primary Over-Voltage
RRK082	677	'5571902_/_5571886_1'		0.17	0.63	3.33	0.184	0.3	1	0.58 No	0.17 Primary Over-Voltage
RRK082	678	'5560136_/_5560133'		0.9	1.8	10	0.56	1.7	2.71	1.75 No	0.56 Thermal Discharging
RRK082	679	'4473085_/_4473083_1'		0.23	0.63	3.33	0.184	0.5	1	0.58 No	0.184 Thermal Discharging
RRK082	680	'4472979_/_43520449'		0.23	0.63	3.33	0.184	0.55	1	0.58 No	0.184 Thermal Discharging
RRK082	681	'232811990_/_4473054_2'		0.23	0.63	3.33	0.184	0.55	0.99	0.58 No	0.184 Thermal Discharging
RRK082	682	'5560156_/_5560153'		0.9	1.8	10	0.56	1.7	2.7	1.75 No	0.56 Thermal Discharging
RRK082	683	'7958660_/_384822842'		0.13	0.63	3.33	0.184	0.3	1	0.58 No	0.13 Primary Over-Voltage
RRK082	684	'43738784_/_5563421'		0.17	0.63	3.33	0.184	0.2	0.97	0.58 No	0.17 Primary Over-Voltage
RRK082	685	'8356481_/_8356478_2'		0.17	0.6	3.33	0.184	0.3	0.99	0.58 No	0.17 Primary Over-Voltage
RRK082	686	'6441697_/_6441694'		0.3	0.6	3.33	0.184	0.5	0.95	0.58 No	0.184 Thermal Discharging
RRK082	687	'413155186_/_5560170'		0.9	1.8	10	0.56	1.7	2.68	1.75 No	0.56 Thermal Discharging
RRK082	688	'5563064_/_43738615'		0.17	0.6	3.33	0.184	0.3	0.98	0.58 No	0.17 Primary Over-Voltage
RRK082	689	'598165716_/_598165764'		0.2	0.63	3.33	0.184	0.3	0.99	0.58 No	0.184 Thermal Discharging
RRK082	690	'6441710_/_6441707'		0.3	0.6	3.33	0.184	0.5	0.94	0.58 No	0.184 Thermal Discharging
RRK082	691	'5560173_/_413155188'		0.9	1.7	10	0.56	1.7	2.66	1.75 No	0.56 Thermal Discharging
RRK082	692	'51172173_/_53567736_2'		0.23	0.6	3.33	0.184	0.5	0.98	0.58 No	0.184 Thermal Discharging
RRK082	693	'43917821_/_6442079'		0.3	0.6	3.33	0.184	0.5	0.94	0.58 No	0.184 Thermal Discharging
RRK082	694	'51172207_/_51172214'		0.23	0.6	3.33	0.184	0.5	0.98	0.58 No	0.184 Thermal Discharging
RRK082	695	'5563049_/_5571871'		0.33	1.2	6.67	0.376	1.9	1.95	1.17 No	0.33 Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RRK082	696	'5563424_/_43738786'	0.17	0.6	3.33	0.184	0.2	0.95	0.58 No	0.17	Primary Over-Voltage
RRK082	697	'4473056_/_4473054_1'	0.23	0.6	3.33	0.184	0.5	0.97	0.58 No	0.184	Thermal Discharging
RRK082	698	'51172142_/_51172233'	0.23	0.6	3.33	0.184	0.5	0.97	0.58 No	0.184	Thermal Discharging
RRK082	699	'411917807_/_51172146'	0.23	0.6	3.33	0.184	0.5	0.97	0.58 No	0.184	Thermal Discharging
RRK082	700	'43520480_/_4473109'	0.23	0.6	3.33	0.184	0.5	0.97	0.58 No	0.184	Thermal Discharging
RRK082	701	'5571930_/_43738604_2'	0.17	0.6	3.33	0.184	0.3	0.97	0.58 No	0.17	Primary Over-Voltage
RRK082	702	'4472992_/_4472989'	0.23	0.6	3.33	0.184	0.55	0.97	0.58 No	0.184	Thermal Discharging
RRK082	703	'9342591_/_9342588'	0.3	0.6	3.33	0.184	0.2	0.93	0.58 No	0.184	Thermal Discharging
RRK082	704	'598165686_/_598165732'	0.2	0.6	3.33	0.184	0.3	0.97	0.58 No	0.184	Thermal Discharging
RRK082	705	'4464428_/_4472895'	0.23	0.6	3.33	0.184	0.5	0.96	0.58 No	0.184	Thermal Discharging
RRK082	706	'8584299_/_455730422'	0.13	0.6	3.33	0.184	0.3	0.97	0.58 No	0.13	Primary Over-Voltage
RRK082	707	'8356529_/_8356526'	0.17	0.6	3.33	0.184	0.3	0.96	0.58 No	0.17	Primary Over-Voltage
RRK082	708	'573728304_/_598165690'	0.2	0.6	3.33	0.184	0.3	0.97	0.58 No	0.184	Thermal Discharging
RRK082	709	'9029810_/_9029807_2'	0.3	0.6	3.33	0.184	0.1	0.92	0.58 No	0.1	Element Fault
RRK082	710	'6441742_/_7098900'	0.17	0.6	3.33	0.184	0.2	0.94	0.58 No	0.17	Primary Over-Voltage
RRK082	711	'6443789_/_6443786'	0.3	0.6	3.33	0.184	0.5	0.91	0.58 No	0.184	Thermal Discharging
RRK082	712	'4473070_/_4473067'	0.23	0.6	3.33	0.184	0.5	0.95	0.58 No	0.184	Thermal Discharging
RRK082	713	'8711600_/_9657695'	0.3	0.6	3.33	0.184	0.5	0.91	0.58 No	0.184	Thermal Discharging
RRK082	714	'5563065_/_5563062'	0.17	0.57	3.33	0.184	0.3	0.95	0.58 No	0.17	Primary Over-Voltage
RRK082	715	'5571889_/_5571886_2'	0.17	0.57	3.33	0.184	0.3	0.95	0.58 No	0.17	Primary Over-Voltage
RRK082	716	'5563035_/_5563047'	0.33	1.13	6.67	0.376	1.9	1.9	1.17 No	0.33	Primary Over-Voltage
RRK082	717	'4473112_/_43520482'	0.23	0.6	3.33	0.184	0.5	0.94	0.58 No	0.184	Thermal Discharging
RRK082	718	'6441784_/_6441794'	0.17	0.6	3.33	0.184	0.2	0.93	0.58 No	0.17	Primary Over-Voltage
RRK082	719	'411917879_/_411917898'	0.23	0.6	3.33	0.184	0.5	0.94	0.58 No	0.184	Thermal Discharging
RRK082	720	'4473005_/_4473002'	0.23	0.6	3.33	0.184	0.55	0.94	0.58 No	0.184	Thermal Discharging
RRK082	721	'6441813_/_6441810'	0.17	0.6	3.33	0.184	0.2	0.92	0.58 No	0.17	Primary Over-Voltage
RRK082	722	'43918329_/_6443799'	0.3	0.57	3.33	0.184	0.5	0.9	0.58 No	0.184	Thermal Discharging
RRK082	723	'6441783_/_6441781'	0.17	0.57	3.33	0.184	0.2	0.92	0.58 No	0.17	Primary Over-Voltage
RRK082	724	'43917832_/_6441823'	0.3	0.57	3.33	0.184	0.5	0.9	0.58 No	0.184	Thermal Discharging
RRK082	725	'6441726_/_6441739'	0.17	0.57	3.33	0.184	0.2	0.92	0.58 No	0.17	Primary Over-Voltage
RRK082	726	'573728346_/_573728362'	0.2	0.6	3.33	0.184	0.3	0.94	0.58 No	0.184	Thermal Discharging
RRK082	727	'8711601_/_8711598'	0.3	0.57	3.33	0.184	0.2	0.89	0.58 No	0.184	Thermal Discharging
RRK082	728	'6443815_/_43918331'	0.3	0.57	3.33	0.184	0.5	0.89	0.58 No	0.184	Thermal Discharging
RRK082	729	'91821683_/_9610867_1'	0.3	0.57	3.33	0.184	0.2	0.89	0.58 No	0.184	Thermal Discharging
RRK082	730	'4473128_/_4473125'	0.23	0.57	3.33	0.184	0.55	0.92	0.58 No	0.184	Thermal Discharging
RRK082	731	'9298783_/_9298780'	0.17	0.57	3.33	0.184	0.3	0.92	0.58 No	0.17	Primary Over-Voltage
RRK082	732	'6441842_/_43917834'	0.3	0.57	3.33	0.184	0.5	0.89	0.58 No	0.184	Thermal Discharging
RRK082	733	'6441758_/_6441755'	0.17	0.57	3.33	0.184	0.2	0.9	0.58 No	0.17	Primary Over-Voltage
RRK082	734	'411917843_/_411917916'	0.23	0.57	3.33	0.184	0.5	0.92	0.58 No	0.184	Thermal Discharging
RRK082	735	'5563020_/_5563032'	0.33	1.13	6.67	0.376	1.9	1.84	1.17 No	0.33	Primary Over-Voltage
RRK082	736	'4464429_/_4464426'	0.2	0.57	3.33	0.184	0.5	0.92	0.58 No	0.184	Thermal Discharging
RRK082	737	'43917876_/_43917878'	0.17	0.57	3.33	0.184	0.2	0.9	0.58 No	0.17	Primary Over-Voltage
RRK082	738	'6442881_/_6442879'	0.17	0.57	3.33	0.184	0.2	0.9	0.58 No	0.17	Primary Over-Voltage
RRK082	739	'4473018_/_4473015'	0.23	0.57	3.33	0.184	0.55	0.91	0.58 No	0.184	Thermal Discharging
RRK082	740	'547180043_/_8274880_1'	0.23	0.57	3.33	0.184	0.5	0.91	0.58 No	0.184	Thermal Discharging
RRK082	741	'4473141_/_4473138'	0.23	0.57	3.33	0.184	0.55	0.91	0.58 No	0.184	Thermal Discharging
RRK082	742	'4464358_/_4464439'	0.2	0.57	3.33	0.184	0.5	0.91	0.58 No	0.184	Thermal Discharging
RRK082	743	'9029970_/_9029967'	0.3	0.57	3.33	0.184	0.2	0.88	0.58 No	0.184	Thermal Discharging
RRK082	744	'5578078_/_7098913'	0.3	0.57	3.33	0.184	0.5	0.87	0.58 No	0.184	Thermal Discharging
RRK082	745	'6441771_/_6441768'	0.17	0.57	3.33	0.184	0.2	0.89	0.58 No	0.17	Primary Over-Voltage
RRK082	746	'573728378_/_573728394'	0.2	0.57	3.33	0.184	0.3	0.91	0.58 No	0.184	Thermal Discharging
RRK082	747	'5578079_/_5578089_1'	0.3	0.57	3.33	0.184	0.2	0.87	0.58 No	0.184	Thermal Discharging
RRK082	748	'43740840_/_5577463'	0.17	0.57	3.33	0.184	0.3	0.91	0.58 No	0.17	Primary Over-Voltage
RRK082	749	'53567729_/_411917847'	0.2	0.57	3.33	0.184	0.5	0.91	0.58 No	0.184	Thermal Discharging
RRK082	750	'43917843_/_6441855'	0.3	0.57	3.33	0.184	0.5	0.87	0.58 No	0.184	Thermal Discharging
RRK082	751	'6443983_/_6443993'	0.17	0.57	3.33	0.184	0.2	0.88	0.58 No	0.17	Primary Over-Voltage
RRK082	752	'5578092_/_5578089_2'	0.3	0.57	3.33	0.184	0.2	0.86	0.58 No	0.184	Thermal Discharging
RRK082	753	'6441725_/_6441723'	0.17	0.57	3.33	0.184	0.2	0.88	0.58 No	0.17	Primary Over-Voltage
RRK082	754	'573728424_/_573728421'	0.2	0.57	3.33	0.184	0.3	0.9	0.58 No	0.184	Thermal Discharging
RRK082	755	'43738740_/_5578118'	0.3	0.53	3.33	0.184	0.5	0.86	0.58 No	0.184	Thermal Discharging
RRK082	756	'418629865_/_9298812_2'	0.3	0.53	3.33	0.184	0.5	0.86	0.58 No	0.184	Thermal Discharging
RRK082	757	'6443982_/_6443980'	0.17	0.53	3.33	0.184	0.2	0.87	0.58 No	0.17	Primary Over-Voltage
RRK082	758	'627401951_/_53567767'	0.2	0.57	3.33	0.184	0.5	0.89	0.58 No	0.184	Thermal Discharging
RRK082	759	'5577479_/_5577476'	0.17	0.53	3.33	0.184	0.3	0.89	0.58 No	0.17	Primary Over-Voltage
RRK082	760	'9610870_/_9610867_2'	0.3	0.53	3.33	0.184	0.2	0.85	0.58 No	0.184	Thermal Discharging
RRK082	761	'5563002_/_5563017'	0.27	1.07	6.67	0.376	1.9	1.78	1.17 No	0.27	Primary Over-Voltage
RRK082	762	'6441858_/_43917845'	0.3	0.53	3.33	0.184	0.5	0.85	0.58 No	0.184	Thermal Discharging
RRK082	763	'4473031_/_4473028'	0.2	0.57	3.33	0.184	0.55	0.88	0.58 No	0.184	Thermal Discharging
RRK082	764	'342440954_/_4473041_1'	0.2	0.57	3.33	0.184	0.3	0.88	0.58 No	0.184	Thermal Discharging
RRK082	765	'7640340_/_8274880_2'	0.2	0.57	3.33	0.184	0.5	0.88	0.58 No	0.184	Thermal Discharging
RRK082	766	'43738751_/_5578105'	0.3	0.53	3.33	0.184	0.2	0.85	0.58 No	0.184	Thermal Discharging
RRK082	767	'7640472_/_455730433'	0.13	0.57	3.33	0.184	0.3	0.89	0.58 No	0.13	Primary Over-Voltage
RRK082	768	'5577492_/_5577489'	0.13	0.53	3.33	0.184	0.3	0.88	0.58 No	0.13	Primary Over-Voltage
RRK082	769	'53567760_/_627401955'	0.2	0.53	3.33	0.184	0.5	0.87	0.58 No	0.184	Thermal Discharging
RRK082	770	'4464345_/_4464355'	0.2	0.53	3.33	0.184	0.5	0.87	0.58 No	0.184	Thermal Discharging
RRK082	771	'7719036_/_9298812_1'	0.3	0.53	3.33	0.184	0.2	0.84	0.58 No	0.184	Thermal Discharging
RRK082	772	'5563437_/_43738753'	0.3	0.53	3.33	0.184	0.2	0.83	0.58 No	0.184	Thermal Discharging
RRK082	773	'5562987_/_5562999'	0.27	1.07	6.67	0.376	1.9	1.73	1.17 No	0.27	Primary Over-Voltage
RRK082	774	'598165546_/_598165562'	0.2	0.53	3.33	0.184	0.3	0.86	0.58 No	0.184	Thermal Discharging
RRK082	775	'5570609_/_5570635_1'	0.13	0.53	3.33	0.184	0.3	0.86	0.58 No	0.13	Primary Over-Voltage
RRK082	776	'43740851_/_5577505'	0.13	0.53	3.33	0.184	0.3	0.86	0.58 No	0.13	Primary Over-Voltage
RRK082	777	'4473044_/_4473041_2'	0.2	0.53	3.33	0.184	0.3	0.85	0.58 No	0.184	Thermal Discharging
RRK082	778	'7640456_/_455730446'	0.13	0.53	3.33	0.184	0.3	0.85	0.58 No	0.13	Primary Over-Voltage
RRK082	779	'43738762_/_5563447'	0.27	0.5	3.33	0.184	0.2	0.81	0.58 No	0.184	Thermal Discharging
RRK082	780	'5570624_/_5570635_2'	0.13	0.5	3.33	0.184	0.3	0.85	0.58 No	0.13	Primary Over-Voltage
RRK082	781	'5577521_/_5577518'	0.13	0.5	3.33	0.184	0.3	0.84	0.58 No	0.13	Primary Over-Voltage
RRK082	782	'4473156_/_4473154'	0.2	0.53	3.33	0.184	0.3	0.84	0.58 No	0.184	Thermal Discharging
RRK082	783	'5562986_/_5562984'	0.27	1	6.67	0.376	1.9	1.69	1.17 No	0.27	Primary Over-Voltage
RRK082	784	'7719037_/_7719034'	0.27	0.5	3.33	0.184	0.2	0.81	0.58 No	0.184	Thermal Discharging
RRK082	785	'4464332_/_4464342'	0.2	0.53	3.33	0.184	0.5	0.83	0.58 No	0.184	Thermal Discharging
RRK082	786	'5563466_/_43738775'	0.27	0.5	3.33	0.184	0.2	0.8	0.58 No	0.184	Thermal Discharging
RRK082	787	'7640341_/_7640338'	0.2	0.53	3.33	0.184	0.5	0.83	0.58 No	0.184	Thermal Discharging
RRK082	788	'5570625_/_5570622'	0.13	0.5	3.33	0.184	0.3	0.83	0.58 No	0.13	Primary Over-Voltage
RRK082	789	'4464104_/_515220744'	0.2	0.5	3.33	0.184	0.3	0.83	0.58 No	0.184	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RRK082	790	'43741066_/_43741068'	0.27		1	6.67	0.376	1.9	1.67	1.17 No	0.27 Primary Over-Voltage
RRK082	791	'598165578_/_598165594'	0.17		0.5	3.33	0.184	0.3	0.83	0.58 No	0.17 Primary Over-Voltage
RRK082	792	'5562972_/_5579446'	0.27		1	6.67	0.376	1.9	1.66	1.17 No	0.27 Primary Over-Voltage
RRK082	793	'5577533_/_5577531'	0.13		0.5	3.33	0.184	0.3	0.83	0.58 No	0.13 Primary Over-Voltage
RRK082	794	'8042835_/_8042832'	0.27		0.5	3.33	0.184	0.2	0.79	0.58 No	0.184 Thermal Discharging
RRK082	795	'4472541_/_4481182'	0.2		0.5	3.33	0.184	0.3	0.81	0.58 No	0.184 Thermal Discharging
RRK082	796	'4464118_/_4464115'	0.2		0.5	3.33	0.184	0.3	0.81	0.58 No	0.184 Thermal Discharging
RRK082	797	'361052870_/_4472581_1'	0.2		0.5	3.33	0.184	0.1	0.81	0.58 No	0.1 Element Fault
RRK082	798	'5562930_/_5562969'	0.27		1	6.67	0.376	1.9	1.64	1.17 No	0.27 Primary Over-Voltage
RRK082	799	'5562946_/_5562943'	0.13		0.5	3.33	0.184	0.3	0.82	0.58 No	0.13 Primary Over-Voltage
RRK082	800	'4464331_/_4464329'	0.2		0.5	3.33	0.184	0.5	0.81	0.58 No	0.184 Thermal Discharging
RRK082	801	'5562183_/_5562956'	0.13		0.5	3.33	0.184	0.3	0.81	0.58 No	0.13 Primary Over-Voltage
RRK082	802	'43740873_/_43740875'	0.13		0.5	3.33	0.184	0.3	0.81	0.58 No	0.13 Primary Over-Voltage
RRK082	803	'598165610_/_598165626'	0.17		0.5	3.33	0.184	0.3	0.81	0.58 No	0.17 Primary Over-Voltage
RRK082	804	'4464371_/_4464384'	0.2		0.5	3.33	0.184	0.5	0.8	0.58 No	0.184 Thermal Discharging
RRK082	805	'9218611_/_9218608'	0.2		0.5	3.33	0.184	0.5	0.8	0.58 No	0.184 Thermal Discharging
RRK082	806	'43738513_/_5562180'	0.13		0.5	3.33	0.184	0.3	0.81	0.58 No	0.13 Primary Over-Voltage
RRK082	807	'4472567_/_4472581_2'	0.2		0.5	3.33	0.184	0.1	0.8	0.58 No	0.1 Element Fault
RRK082	808	'90942767_/_90942776'	0.2		0.5	3.33	0.184	0.3	0.8	0.58 No	0.184 Thermal Discharging
RRK082	809	'5562931_/_5562928'	0.27		1	6.67	0.376	1.9	1.61	1.17 No	0.27 Primary Over-Voltage
RRK082	810	'5577546_/_5577560'	0.13		0.5	3.33	0.184	0.3	0.8	0.58 No	0.13 Primary Over-Voltage
RRK082	811	'8042818_/_8042816_1'	0.13		0.5	3.33	0.184	0.2	0.8	0.58 No	0.13 Primary Over-Voltage
RRK082	812	'4464400_/_4464410'	0.2		0.5	3.33	0.184	0.5	0.8	0.58 No	0.184 Thermal Discharging
RRK082	813	'37975273_/_9369018'	0.27		0.5	3.33	0.184	0.2	0.77	0.58 No	0.184 Thermal Discharging
RRK082	814	'37975252_/_37975277'	0.27		0.5	3.33	0.184	0.2	0.77	0.58 No	0.184 Thermal Discharging
RRK082	815	'37975259_/_37975263'	0.27		0.5	3.33	0.184	0.2	0.77	0.58 No	0.184 Thermal Discharging
RRK082	816	'37975287_/_37975291'	0.27		0.5	3.33	0.184	0.2	0.77	0.58 No	0.184 Thermal Discharging
RRK082	817	'37975245_/_37975249'	0.27		0.5	3.33	0.184	0.2	0.77	0.58 No	0.184 Thermal Discharging
RRK082	818	'7640440_/_455730465'	0.13		0.5	3.33	0.184	0.3	0.8	0.58 No	0.13 Primary Over-Voltage
RRK082	819	'5562156_/_5562154'	0.13		0.47	3.33	0.184	0.3	0.8	0.58 No	0.13 Primary Over-Voltage
RRK082	820	'7451211_/_7451208'	0.27		0.47	3.33	0.184	0.2	0.77	0.58 No	0.184 Thermal Discharging
RRK082	821	'5563078_/_5563075'	0.27		0.93	6.67	0.376	1.9	1.59	1.17 No	0.27 Primary Over-Voltage
RRK082	822	'43740862_/_5577544'	0.13		0.47	3.33	0.184	0.3	0.79	0.58 No	0.13 Primary Over-Voltage
RRK082	823	'8042819_/_8042816_2'	0.13		0.47	3.33	0.184	0.2	0.79	0.58 No	0.13 Primary Over-Voltage
RRK082	824	'43738535_/_5563185'	0.13		0.47	3.33	0.184	0.3	0.79	0.58 No	0.13 Primary Over-Voltage
RRK082	825	'43520348_/_4481805'	0.2		0.5	3.33	0.184	0.3	0.79	0.58 No	0.184 Thermal Discharging
RRK082	826	'90942855_/_90942864'	0.2		0.5	3.33	0.184	0.3	0.78	0.58 No	0.184 Thermal Discharging
RRK082	827	'598165646_/_598165643'	0.17		0.5	3.33	0.184	0.3	0.79	0.58 No	0.17 Primary Over-Voltage
RRK082	828	'4472568_/_4472565'	0.2		0.5	3.33	0.184	0.1	0.79	0.58 No	0.1 Element Fault
RRK082	829	'4464399_/_4464397'	0.17		0.5	3.33	0.184	0.5	0.78	0.58 No	0.17 Primary Over-Voltage
RRK082	830	'5572303_/_5572316'	0.13		0.47	3.33	0.184	0.3	0.78	0.58 No	0.13 Primary Over-Voltage
RRK082	831	'5563096_/_5563093'	0.27		0.93	6.67	0.376	1.9	1.57	1.17 No	0.27 Primary Over-Voltage
RRK082	832	'5577547_/_43740864'	0.13		0.47	3.33	0.184	0.3	0.78	0.58 No	0.13 Primary Over-Voltage
RRK082	833	'4472542_/_4472539'	0.2		0.47	3.33	0.184	0.3	0.77	0.58 No	0.184 Thermal Discharging
RRK082	834	'43520414_/_43520416'	0.17		0.47	3.33	0.184	0.5	0.77	0.58 No	0.17 Primary Over-Voltage
RRK082	835	'4472833_/_4472843'	0.17		0.47	3.33	0.184	0.5	0.77	0.58 No	0.17 Primary Over-Voltage
RRK082	836	'5563188_/_43738537'	0.13		0.47	3.33	0.184	0.3	0.77	0.58 No	0.13 Primary Over-Voltage
RRK082	837	'5572290_/_5572300'	0.13		0.47	3.33	0.184	0.3	0.77	0.58 No	0.13 Primary Over-Voltage
RRK082	838	'4472555_/_4472552'	0.17		0.47	3.33	0.184	0.3	0.76	0.58 No	0.17 Primary Over-Voltage
RRK082	839	'5563130_/_5563127'	0.27		0.93	6.67	0.376	1.9	1.53	1.17 No	0.27 Primary Over-Voltage
RRK082	840	'420646372_/_9683312'	0.27		0.47	3.33	0.184	0.2	0.74	0.58 No	0.184 Thermal Discharging
RRK082	841	'43520337_/_43520350'	0.17		0.47	3.33	0.184	0.3	0.75	0.58 No	0.17 Primary Over-Voltage
RRK082	842	'43520403_/_4472830'	0.17		0.47	3.33	0.184	0.5	0.75	0.58 No	0.17 Primary Over-Voltage
RRK082	843	'455730775_/_455730484'	0.1		0.47	3.33	0.184	0.3	0.76	0.58 No	0.1 Primary Over-Voltage
RRK082	844	'37797967_/_455730772'	0.1		0.47	3.33	0.184	0.3	0.76	0.58 No	0.1 Primary Over-Voltage
RRK082	845	'466836414_/_455730764'	0.1		0.47	3.33	0.184	0.3	0.76	0.58 No	0.1 Primary Over-Voltage
RRK082	846	'466836426_/_455730780'	0.1		0.47	3.33	0.184	0.3	0.76	0.58 No	0.1 Primary Over-Voltage
RRK082	847	'466836432_/_455730788'	0.1		0.47	3.33	0.184	0.3	0.76	0.58 No	0.1 Primary Over-Voltage
RRK082	848	'121019320_/_121019317'	0.17		0.47	3.33	0.184	0.5	0.75	0.58 No	0.17 Primary Over-Voltage
RRK082	849	'121019398_/_121019355_2'	0.17		0.47	3.33	0.184	0.5	0.75	0.58 No	0.17 Primary Over-Voltage
RRK082	850	'5563145_/_5563142'	0.27		0.93	6.67	0.376	1.9	1.5	1.17 No	0.27 Primary Over-Voltage
RRK082	851	'5562144_/_5572287'	0.13		0.47	3.33	0.184	0.3	0.75	0.58 No	0.13 Primary Over-Voltage
RRK082	852	'4464370_/_4464368'	0.17		0.47	3.33	0.184	0.5	0.75	0.58 No	0.17 Primary Over-Voltage
RRK082	853	'4472597_/_4472594'	0.17		0.47	3.33	0.184	0.3	0.74	0.58 No	0.17 Primary Over-Voltage
RRK082	854	'492675418_/_492675422'	0.1		0.47	3.33	0.184	0.3	0.74	0.58 No	0.1 Primary Over-Voltage
RRK082	855	'5562131_/_5562141'	0.13		0.43	3.33	0.184	0.3	0.74	0.58 No	0.13 Primary Over-Voltage
RRK082	856	'5563160_/_5563157'	0.27		0.87	6.67	0.376	1.9	1.47	1.17 No	0.27 Primary Over-Voltage
RRK082	857	'121019208_/_121019355_1'	0.17		0.47	3.33	0.184	0.3	0.73	0.58 No	0.17 Primary Over-Voltage
RRK082	858	'7405477_/_7405474'	0.23		0.43	3.33	0.184	0.2	0.71	0.58 No	0.184 Thermal Discharging
RRK082	859	'8275027_/_455730499'	0.1		0.43	3.33	0.184	0.3	0.73	0.58 No	0.1 Primary Over-Voltage
RRK082	860	'5561949_/_5563201'	0.27		0.87	6.67	0.376	1.9	1.46	1.17 No	0.27 Primary Over-Voltage
RRK082	861	'4472610_/_4472607'	0.17		0.43	3.33	0.184	0.3	0.72	0.58 No	0.17 Primary Over-Voltage
RRK082	862	'5561950_/_5561947_1'	0.13		0.43	3.33	0.184	0.3	0.73	0.58 No	0.13 Primary Over-Voltage
RRK082	863	'5561963_/_5561947_2'	0.13		0.43	3.33	0.184	0.3	0.73	0.58 No	0.13 Primary Over-Voltage
RRK082	864	'547413753_/_8274896_2'	0.17		0.43	3.33	0.184	0.3	0.72	0.58 No	0.17 Primary Over-Voltage
RRK082	865	'43738468_/_43738470'	0.2		0.87	6.67	0.376	1.9	1.44	1.17 No	0.2 Primary Over-Voltage
RRK082	866	'9532565_/_455730518'	0.1		0.43	3.33	0.184	0.3	0.72	0.58 No	0.1 Primary Over-Voltage
RRK082	867	'43738457_/_5561976'	0.13		0.43	3.33	0.184	0.3	0.72	0.58 No	0.13 Primary Over-Voltage
RRK082	868	'4472636_/_43520361'	0.17		0.43	3.33	0.184	0.3	0.71	0.58 No	0.17 Primary Over-Voltage
RRK082	869	'5562118_/_5562128'	0.13		0.43	3.33	0.184	0.3	0.72	0.58 No	0.13 Primary Over-Voltage
RRK082	870	'4472623_/_4472620'	0.17		0.43	3.33	0.184	0.3	0.71	0.58 No	0.17 Primary Over-Voltage
RRK082	871	'449027166_/_449027168'	0.2		0.87	6.67	0.376	1.9	1.43	1.17 No	0.2 Primary Over-Voltage
RRK082	872	'5561979_/_43738459'	0.13		0.43	3.33	0.184	0.3	0.71	0.58 No	0.13 Primary Over-Voltage
RRK082	873	'466539302_/_5563234'	0.2		0.87	6.67	0.376	1.9	1.42	1.17 No	0.2 Primary Over-Voltage
RRK082	874	'466539336_/_8356122_1'	0.2		0.87	6.67	0.376	0.6	1.41	1.17 No	0.2 Primary Over-Voltage
RRK082	875	'4472652_/_4472649'	0.17		0.43	3.33	0.184	0.3	0.7	0.58 No	0.17 Primary Over-Voltage
RRK082	876	'8356497_/_8356494'	0.23		0.43	3.33	0.184	0.2	0.69	0.58 No	0.184 Thermal Discharging
RRK082	877	'4472681_/_4472678'	0.17		0.43	3.33	0.184	0.3	0.7	0.58 No	0.17 Primary Over-Voltage
RRK082	878	'5562102_/_5562115'	0.13		0.43	3.33	0.184	0.3	0.7	0.58 No	0.13 Primary Over-Voltage
RRK082	879	'8356125_/_8356122_2'	0.2		0.87	6.67	0.376	0.6	1.39	1.17 No	0.2 Primary Over-Voltage
RRK082	880	'8109453_/_8274896_1'	0.17		0.43	3.33	0.184	0.2	0.69	0.58 No	0.17 Primary Over-Voltage
RRK082	881	'361052838_/_43520372_1'	0.17		0.43	3.33	0.184	0.1	0.69	0.58 No	0.1 Element Fault
RRK082	882	'8134388_/_8134385'	0.17		0.43	3.33	0.184	0.3	0.69	0.58 No	0.17 Primary Over-Voltage
RRK082	883	'4472668_/_43520372_2'	0.17		0.43	3.33	0.184	0.1	0.69	0.58 No	0.1 Element Fault

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RRK082	884	'5562089_/_5562099'	0.13	0.4	3.33	0.184	0.3	0.68	0.58 No	0.13	Primary Over-Voltage
RRK082	885	'4481782_/_4481779'	0.17	0.4	3.33	0.184	0.3	0.68	0.58 No	0.17	Primary Over-Voltage
RRK082	886	'7325471_/_7325469_1'	0.17	0.4	3.33	0.184	0.2	0.68	0.58 No	0.17	Primary Over-Voltage
RRK082	887	'43522207_/_4481792'	0.17	0.4	3.33	0.184	0.3	0.67	0.58 No	0.17	Primary Over-Voltage
RRK082	888	'4472693_/_43522209'	0.17	0.4	3.33	0.184	0.3	0.67	0.58 No	0.17	Primary Over-Voltage
RRK082	889	'8356512_/_9299188'	0.23	0.4	3.33	0.184	0.2	0.66	0.58 No	0.184	Thermal Discharging
RRK082	890	'9083058_/_9083039'	0.13	0.4	3.33	0.184	0.3	0.67	0.58 No	0.13	Primary Over-Voltage
RRK082	891	'5562076_/_5562086'	0.13	0.4	3.33	0.184	0.3	0.67	0.58 No	0.13	Primary Over-Voltage
RRK082	892	'51605394_/_7325469_2'	0.17	0.4	3.33	0.184	0.2	0.66	0.58 No	0.17	Primary Over-Voltage
RRK082	893	'4472694_/_4472691'	0.17	0.4	3.33	0.184	0.3	0.66	0.58 No	0.17	Primary Over-Voltage
RRK082	894	'9532533_/_455730529'	0.1	0.4	3.33	0.184	0.3	0.66	0.58 No	0.1	Primary Over-Voltage
RRK082	895	'51605457_/_51605483'	0.17	0.4	3.33	0.184	0.2	0.65	0.58 No	0.17	Primary Over-Voltage
RRK082	896	'8356513_/_8356510'	0.2	0.4	3.33	0.184	0.2	0.64	0.58 No	0.184	Thermal Discharging
RRK082	897	'5562037_/_5562073'	0.13	0.4	3.33	0.184	0.3	0.65	0.58 No	0.13	Primary Over-Voltage
RRK082	898	'51605425_/_51605464'	0.17	0.4	3.33	0.184	0.2	0.65	0.58 No	0.17	Primary Over-Voltage
RRK082	899	'4473186_/_4474849'	0.17	0.4	3.33	0.184	0.3	0.65	0.58 No	0.17	Primary Over-Voltage
RRK082	900	'7325472_/_51605427'	0.17	0.4	3.33	0.184	0.2	0.64	0.58 No	0.17	Primary Over-Voltage
RRK082	901	'4473202_/_4473199'	0.17	0.4	3.33	0.184	0.3	0.64	0.58 No	0.17	Primary Over-Voltage
RRK082	902	'4473218_/_4473215'	0.17	0.4	3.33	0.184	0.3	0.64	0.58 No	0.17	Primary Over-Voltage
RRK082	903	'4473260_/_4473257'	0.13	0.4	3.33	0.184	0.3	0.64	0.58 No	0.13	Primary Over-Voltage
RRK082	904	'5562050_/_5562047'	0.13	0.37	3.33	0.184	0.3	0.63	0.58 No	0.13	Primary Over-Voltage
RRK082	905	'4473273_/_4473270'	0.13	0.37	3.33	0.184	0.3	0.63	0.58 No	0.13	Primary Over-Voltage
RRK082	906	'43738502_/_5562060'	0.13	0.37	3.33	0.184	0.3	0.62	0.58 No	0.13	Primary Over-Voltage
RRK082	907	'4473231_/_4473283'	0.13	0.37	3.33	0.184	0.3	0.61	0.58 No	0.13	Primary Over-Voltage
RRK082	908	'4473230_/_4473228'	0.13	0.37	3.33	0.184	0.3	0.6	0.58 No	0.13	Primary Over-Voltage
RRK082	909	'43520907_/_4473296'	0.13	0.37	3.33	0.184	0.3	0.6	0.58 No	0.13	Primary Over-Voltage
RRK082	910	'5572483_/_43738504'	0.13	0.37	3.33	0.184	0.3	0.6	0.58 No	0.13	Primary Over-Voltage
RRK082	911	'4473244_/_4473241'	0.13	0.37	3.33	0.184	0.3	0.6	0.58 No	0.13	Primary Over-Voltage
RRK082	912	'43740470_/_5574082'	0.13	0.37	3.33	0.184	0.3	0.6	0.58 No	0.13	Primary Over-Voltage
RRK082	913	'5572496_/_5572493'	0.13	0.37	3.33	0.184	0.3	0.6	0.58 No	0.13	Primary Over-Voltage
RRK082	914	'4473312_/_43520909'	0.13	0.37	3.33	0.184	0.3	0.59	0.58 No	0.13	Primary Over-Voltage
RRK082	915	'7958675_/_8904595'	0.13	0.37	3.33	0.184	0.3	0.59	0.58 No	0.13	Primary Over-Voltage
RRK082	916	'5563251_/_5574066'	0.13	0.37	3.33	0.184	0.3	0.59	0.58 No	0.13	Primary Over-Voltage
RRK082	917	'49201912_/_5579954_1'	0.13	0.37	3.33	0.184	0.3	0.59	0.58 No	0.13	Primary Over-Voltage
RRK082	918	'5579957_/_5579954_2'	0.13	0.37	3.33	0.184	0.3	0.59	0.58 No	0.13	Primary Over-Voltage
RRK082	919	'49201921_/_8984011_2'	0.13	0.37	3.33	0.184	0.3	0.59	0.58 No	0.13	Primary Over-Voltage
RRK082	920	'4473325_/_4473322'	0.13	0.37	3.33	0.184	0.3	0.59	0.58 No	0.13	Primary Over-Voltage
RRK082	921	'5563252_/_5563249'	0.13	0.33	3.33	0.184	0.3	0.58	0.58 No	0.13	Primary Over-Voltage
RRK082	922	'8663846_/_8663843_1'	0.13	0.33	3.33	0.184	0.2	0.58	0.58 No	0.13	Primary Over-Voltage
RRK082	923	'7958676_/_7958673'	0.13	0.37	3.33	0.184	0.1	0.58	0.58 No	0.1	Element Fault
RRK082	924	'5578015_/_5579941'	0.13	0.33	3.33	0.184	0.3	0.58	0.58 No	0.13	Primary Over-Voltage
RRK082	925	'39311314_/_8663843_2'	0.13	0.33	3.33	0.184	0.2	0.58	0.58 No	0.13	Primary Over-Voltage
RRK082	926	'8109452_/_8109450'	0.13	0.33	3.33	0.184	0.2	0.58	0.58 No	0.13	Primary Over-Voltage
RRK082	927	'43740481_/_5572235'	0.13	0.33	3.33	0.184	0.3	0.58	0.58 No	0.13	Primary Over-Voltage
RRK082	928	'4473406_/_4473429'	0.13	0.33	3.33	0.184	0.3	0.57	0.58 No	0.13	Primary Over-Voltage
RRK082	929	'4473594_/_4473591'	0.13	0.33	3.33	0.184	0.3	0.57	0.58 No	0.13	Primary Over-Voltage
RRK082	930	'5578016_/_5578013'	0.13	0.33	3.33	0.184	0.3	0.57	0.58 No	0.13	Primary Over-Voltage
RRK082	931	'8983997_/_8984011_1'	0.13	0.33	3.33	0.184	0.2	0.57	0.58 No	0.13	Primary Over-Voltage
RRK082	932	'8356904_/_8983995'	0.13	0.33	3.33	0.184	0.2	0.57	0.58 No	0.13	Primary Over-Voltage
RRK082	933	'5572173_/_5572170'	0.13	0.33	3.33	0.184	0.3	0.57	0.58 No	0.13	Primary Over-Voltage
RRK082	934	'7405876_/_7405874_1'	0.13	0.33	3.33	0.184	0.1	0.57	0.58 No	0.1	Element Fault
RRK082	935	'8042532_/_8356462'	0.13	0.33	3.33	0.184	0.2	0.57	0.58 No	0.13	Primary Over-Voltage
RRK082	936	'7405892_/_8663719'	0.13	0.33	3.33	0.184	0.2	0.57	0.58 No	0.13	Primary Over-Voltage
RRK082	937	'7405893_/_7405890'	0.13	0.33	3.33	0.184	0.2	0.56	0.58 No	0.13	Primary Over-Voltage
RRK082	938	'43740536_/_5578026'	0.13	0.33	3.33	0.184	0.3	0.56	0.58 No	0.13	Primary Over-Voltage
RRK082	939	'4473405_/_4473403'	0.13	0.33	3.33	0.184	0.3	0.56	0.58 No	0.13	Primary Over-Voltage
RRK082	940	'43740503_/_5572183'	0.13	0.33	3.33	0.184	0.3	0.56	0.58 No	0.13	Primary Over-Voltage
RRK082	941	'5578029_/_616492343_2'	0.13	0.33	3.33	0.184	0.3	0.56	0.58 No	0.13	Primary Over-Voltage
RRK082	942	'4473364_/_4473442'	0.13	0.33	3.33	0.184	0.3	0.56	0.58 No	0.13	Primary Over-Voltage
RRK082	943	'8356905_/_8356902'	0.13	0.33	3.33	0.184	0.2	0.56	0.58 No	0.13	Primary Over-Voltage
RRK082	944	'4473351_/_4473361'	0.13	0.33	3.33	0.184	0.3	0.56	0.58 No	0.13	Primary Over-Voltage
RRK082	945	'7405877_/_7405874_2'	0.13	0.33	3.33	0.184	0.1	0.56	0.58 No	0.1	Element Fault
RRK082	946	'5572199_/_5572196'	0.13	0.33	3.33	0.184	0.3	0.56	0.58 No	0.13	Primary Over-Voltage
RRK082	947	'4473376_/_4473455'	0.13	0.33	3.33	0.184	0.3	0.55	0.58 No	0.13	Primary Over-Voltage
RRK082	948	'43740492_/_5572209'	0.13	0.33	3.33	0.184	0.3	0.55	0.58 No	0.13	Primary Over-Voltage
RRK082	949	'43520918_/_4473387'	0.13	0.33	3.33	0.184	0.3	0.55	0.58 No	0.13	Primary Over-Voltage
RRK082	950	'4473338_/_4473348'	0.13	0.33	3.33	0.184	0.3	0.54	0.58 No	0.13	Primary Over-Voltage
RRK082	951	'4473390_/_43520920'	0.13	0.33	3.33	0.184	0.3	0.54	0.58 No	0.13	Primary Over-Voltage
RRK082	952	'5562195_/_5572222'	0.13	0.33	3.33	0.184	0.3	0.54	0.58 No	0.13	Primary Over-Voltage
RRK082	953	'4473377_/_4473374'	0.13	0.33	3.33	0.184	0.3	0.54	0.58 No	0.13	Primary Over-Voltage
RRK082	954	'616492339_/_616492343_1'	0.13	0.33	3.33	0.184	0.1	0.54	0.58 No	0.1	Element Fault
RRK082	955	'8042516_/_8983707'	0.13	0.33	3.33	0.184	0.2	0.54	0.58 No	0.13	Primary Over-Voltage
RRK082	956	'4473471_/_4473536'	0.13	0.33	3.33	0.184	0.3	0.54	0.58 No	0.13	Primary Over-Voltage
RRK082	957	'4473337_/_4473335'	0.13	0.33	3.33	0.184	0.3	0.54	0.58 No	0.13	Primary Over-Voltage
RRK082	958	'5562196_/_5562193'	0.13	0.33	3.33	0.184	0.3	0.54	0.58 No	0.13	Primary Over-Voltage
RRK082	959	'8042517_/_8042514'	0.13	0.3	3.33	0.184	0.2	0.54	0.58 No	0.13	Primary Over-Voltage
RRK082	960	'8983893_/_9610899'	0.13	0.3	3.33	0.184	0.2	0.53	0.58 No	0.13	Primary Over-Voltage
RRK082	961	'5562209_/_5562206'	0.13	0.3	3.33	0.184	0.3	0.53	0.58 No	0.13	Primary Over-Voltage
RRK082	962	'4473470_/_4473468'	0.13	0.3	3.33	0.184	0.3	0.52	0.58 No	0.13	Primary Over-Voltage
RRK082	963	'4473483_/_4473552'	0.13	0.3	3.33	0.184	0.3	0.52	0.58 No	0.13	Primary Over-Voltage
RRK082	964	'5574056_/_5574053'	0.13	0.3	3.33	0.184	0.3	0.52	0.58 No	0.13	Primary Over-Voltage
RRK082	965	'5562221_/_5574095'	0.13	0.3	3.33	0.184	0.3	0.52	0.58 No	0.13	Primary Over-Voltage
RRK082	966	'4473484_/_4473481'	0.13	0.3	3.33	0.184	0.3	0.51	0.58 No	0.13	Primary Over-Voltage
RRK082	967	'4473568_/_4473565'	0.13	0.3	3.33	0.184	0.3	0.51	0.58 No	0.13	Primary Over-Voltage
RRK082	968	'4481873_/_4481870'	0.13	0.3	3.33	0.184	0.3	0.51	0.58 No	0.13	Primary Over-Voltage
RRK082	969	'8983894_/_8983891'	0.13	0.3	3.33	0.184	0.2	0.51	0.58 No	0.13	Primary Over-Voltage
RRK082	970	'4473509_/_4473578'	0.1	0.3	3.33	0.184	0.3	0.51	0.58 No	0.1	Primary Over-Voltage
RRK082	971	'43738546_/_5562219'	0.13	0.3	3.33	0.184	0.3	0.51	0.58 No	0.13	Primary Over-Voltage
RRK082	972	'4481886_/_4481883'	0.1	0.3	3.33	0.184	0.3	0.51	0.58 No	0.1	Primary Over-Voltage
RRK082	973	'4473497_/_4473494'	0.1	0.3	3.33	0.184	0.3	0.51	0.58 No	0.1	Primary Over-Voltage
RRK082	974	'4473510_/_4473507'	0.1	0.3	3.33	0.184	0.3	0.5	0.58 No	0.1	Primary Over-Voltage
RRK082	975	'43520929_/_4473520'	0.1	0.3	3.33	0.184	0.3	0.5	0.58 No	0.1	Primary Over-Voltage
RRK082	976	'5562235_/_5562232'	0.13	0.3	3.33	0.184	0.3	0.5	0.58 No	0.13	Primary Over-Voltage
RRK082	977	'156852676_/_156852673'	0.13	0.3	3.33	0.184	0.3	0.5	0.58 No	0.13	Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage	Regulator	Thermal	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
				Deviation	Deviation	Discharging				VSR (MW)	Limiting Threshold
RRK082	978	'7147022_/_5562847_1'	0.13	0.3	3.33	0.184	0.3	0.5	0.58 No	0.13	Primary Over-Voltage
RRK082	979	'9610886_/_9610883'	0.13	0.3	3.33	0.184	0.2	0.5	0.58 No	0.13	Primary Over-Voltage
RRK082	980	'4473523_/_43520931'	0.1	0.3	3.33	0.184	0.2	0.49	0.58 No	0.1	Primary Over-Voltage
RRK082	981	'5562850_/_5562847_2'	0.13	0.3	3.33	0.184	0.3	0.49	0.58 No	0.13	Primary Over-Voltage
RRK082	982	'7147023_/_7147020'	0.13	0.3	3.33	0.184	0.3	0.49	0.58 No	0.13	Primary Over-Voltage
RRK082	983	'5562863_/_5562860'	0.13	0.3	3.33	0.184	0.3	0.49	0.58 No	0.13	Primary Over-Voltage
RRK082	984	'8274915_/_8274912'	0.1	0.3	3.33	0.184	0.2	0.48	0.58 No	0.1	Primary Over-Voltage
RRK082	985	'4373855_/_5562876'	0.13	0.3	3.33	0.184	0.3	0.48	0.58 No	0.13	Primary Over-Voltage
RRK082	986	'5562892_/_5562889'	0.13	0.27	3.33	0.184	0.3	0.48	0.58 No	0.13	Primary Over-Voltage
RRK082	987	'5563113_/_5563172'	0.13	0.27	3.33	0.184	0.3	0.47	0.58 No	0.13	Primary Over-Voltage
RRK082	988	'8983226_/_9610471_1'	0.13	0.27	3.33	0.184	0.2	0.47	0.58 No	0.13	Primary Over-Voltage
RRK082	989	'43740459_/_5571842'	0.13	0.27	3.33	0.184	0.3	0.47	0.58 No	0.13	Primary Over-Voltage
RRK082	990	'4373870_/_5563111'	0.13	0.27	3.33	0.184	0.3	0.47	0.58 No	0.13	Primary Over-Voltage
RRK082	991	'5562904_/_5571855'	0.13	0.27	3.33	0.184	0.3	0.47	0.58 No	0.13	Primary Over-Voltage
RRK082	992	'5563114_/_43738709'	0.13	0.27	3.33	0.184	0.3	0.47	0.58 No	0.13	Primary Over-Voltage
RRK082	993	'5562905_/_5562902'	0.13	0.27	3.33	0.184	0.3	0.46	0.58 No	0.13	Primary Over-Voltage
RRK082	994	'43738568_/_5562915'	0.13	0.27	3.33	0.184	0.3	0.46	0.58 No	0.13	Primary Over-Voltage
RRK082	995	'37921825_/_9610471_2'	0.13	0.27	3.33	0.184	0.2	0.46	0.58 No	0.13	Primary Over-Voltage
RRK082	996	'37921818_/_37921829'	0.13	0.27	3.33	0.184	0.2	0.46	0.58 No	0.13	Primary Over-Voltage
RRK082	997	'37921853_/_37921857'	0.13	0.27	3.33	0.184	0.2	0.46	0.58 No	0.13	Primary Over-Voltage
RRK082	998	'37921811_/_37921815'	0.13	0.27	3.33	0.184	0.2	0.46	0.58 No	0.13	Primary Over-Voltage
RRK082	999	'37921839_/_37921843'	0.13	0.27	3.33	0.184	0.2	0.46	0.58 No	0.13	Primary Over-Voltage
RRK082	1000	'8042564_/_8042562'	0.13	0.27	3.33	0.184	0.2	0.45	0.58 No	0.13	Primary Over-Voltage
RRK082	1001	'5562918_/_43738570'	0.13	0.27	3.33	0.184	0.3	0.45	0.58 No	0.13	Primary Over-Voltage
RRK082	1002	'65985224_/_65985235'	0.13	0.27	3.33	0.184	0.2	0.45	0.58 No	0.13	Primary Over-Voltage
RRK082	1003	'7405925_/_7405922'	0.13	0.27	3.33	0.184	0.2	0.44	0.58 No	0.13	Primary Over-Voltage
RRK083	0	'RRK083_/_8757534_2'	10	10	10	1.832	10	10	2.08 No	1.832	Thermal Discharging
RRK083	1	'7496811_/_8757534_2'	10	10	10	1.832	10	10	2.07 No	1.832	Thermal Discharging
RRK083	2	'5571330_/_8757534_1'	10	10	10	1.832	10	10	2.07 No	1.832	Thermal Discharging
RRK083	3	'403479093_/_5571328'	10	10	10	1.832	10	10	2.07 No	1.832	Thermal Discharging
RRK083	4	'5571331_/_403479095'	10	10	10	1.832	10	10	2.06 No	1.832	Thermal Discharging
RRK083	5	'70621138_/_5571629'	10	10	10	1.832	10	10	2.06 No	1.832	Thermal Discharging
RRK083	6	'43739743_/_5571666'	10	10	10	1.832	10	10	2.06 No	1.832	Thermal Discharging
RRK083	7	'5573988_/_5574002'	10	10	10	1.832	10	10	2.06 No	1.832	Thermal Discharging
RRK083	8	'5571348_/_5571345_1'	10	10	10	1.832	10	10	2.06 No	1.832	Thermal Discharging
RRK083	9	'5571347_/_5571345_2'	10	10	10	1.832	10	10	2.05 No	1.832	Thermal Discharging
RRK083	10	'5571382_/_5571379'	10	10	10	1.832	10	10	2.05 No	1.832	Thermal Discharging
RRK083	11	'5571365_/_5571541'	10	10	10	1.832	10	10	2.05 No	1.832	Thermal Discharging
RRK083	12	'5571314_/_5571396'	10	10	10	1.832	10	10	2.05 No	1.832	Thermal Discharging
RRK083	13	'5573551_/_5573985'	10	10	10	1.832	10	10	2.05 No	1.832	Thermal Discharging
RRK083	14	'5569595_/_5571609'	10	10	10	1.832	10	10	2.04 No	1.832	Thermal Discharging
RRK083	15	'5571313_/_5571311'	10	10	10	1.832	10	10	2.04 No	1.832	Thermal Discharging
RRK083	16	'5573534_/_5573548'	10	10	10	1.832	10	10	2.03 No	1.832	Thermal Discharging
RRK083	17	'5569411_/_5571575'	10	10	10	1.832	10	10	2.03 No	1.832	Thermal Discharging
RRK083	18	'5569596_/_5569593'	10	10	10	1.832	10	10	2.03 No	1.832	Thermal Discharging
RRK083	19	'403826134_/_403826131'	10	10	10	1.832	10	10	2.03 No	1.832	Thermal Discharging
RRK083	20	'5571416_/_5571413'	10	10	10	1.832	10	10	2.03 No	1.832	Thermal Discharging
RRK083	21	'5573533_/_5573531'	10	10	10	1.832	10	10	2.02 No	1.832	Thermal Discharging
RRK083	22	'5569613_/_5569610'	10	10	10	1.832	10	10	2.02 No	1.832	Thermal Discharging
RRK083	23	'5569630_/_5569627'	10	10	10	1.832	10	10	2.02 No	1.832	Thermal Discharging
RRK083	24	'5573103_/_5573843'	10	10	10	1.832	10	10	2.01 No	1.832	Thermal Discharging
RRK083	25	'8042601_/_9299420_1'	10	10	10	1.832	10	10	2.01 No	1.832	Thermal Discharging
RRK083	26	'50004902_/_50004899'	10	10	10	1.832	10	10	2.01 No	1.832	Thermal Discharging
RRK083	27	'43739704_/_5577002'	10	10	10	1.832	10	10	2.01 No	1.832	Thermal Discharging
RRK083	28	'231237491_/_153804277_2'	10	10	10	1.832	5.5	10	2.01 No	1.832	Thermal Discharging
RRK083	29	'5572782_/_5573077'	10	10	10	1.832	10	10	2 No	1.832	Thermal Discharging
RRK083	30	'9299423_/_9299420_2'	10	10	10	1.832	10	10	2.01 No	1.832	Thermal Discharging
RRK083	31	'5577022_/_43739706'	10	10	10	1.832	10	10	2 No	1.832	Thermal Discharging
RRK083	32	'511213790_/_511213700_2'	10	10	10	1.832	5.6	10	2 No	1.832	Thermal Discharging
RRK083	33	'5571436_/_5571433'	8.6	10	10	1.832	10	10	2.02 No	1.832	Thermal Discharging
RRK083	34	'5571757_/_5571754'	8.3	10	10	1.832	10	10	2.01 No	1.832	Thermal Discharging
RRK083	35	'5572765_/_5572779'	10	10	10	1.832	10	10	2 No	1.832	Thermal Discharging
RRK083	36	'8042212_/_8042210_1'	10	10	10	1.832	1.5	10	2 No	1.5	Element Fault
RRK083	37	'7181869_/_7181866'	8.1	10	10	1.832	10	10	2.01 No	1.832	Thermal Discharging
RRK083	38	'5572748_/_5572762'	10	10	10	1.832	10	10	2 No	1.832	Thermal Discharging
RRK083	39	'5572731_/_5572745'	10	10	10	1.832	10	10	2 No	1.832	Thermal Discharging
RRK083	40	'8042213_/_8042210_2'	10	10	10	1.832	1.5	10	2 No	1.5	Element Fault
RRK083	41	'5572714_/_5572728'	10	10	10	1.832	10	10	2 No	1.832	Thermal Discharging
RRK083	42	'5572697_/_5572711'	10	10	10	1.832	10	10	2 No	1.832	Thermal Discharging
RRK083	43	'5572680_/_5572694'	10	10	10	1.832	10	10	2 No	1.832	Thermal Discharging
RRK083	44	'43739263_/_43739265'	10	10	10	1.832	10	10	2 No	1.832	Thermal Discharging
RRK083	45	'5567387_/_5572657'	10	10	10	1.832	10	10	2 No	1.832	Thermal Discharging
RRK083	46	'5567367_/_5567384'	10	10	10	1.832	10	10	2 No	1.832	Thermal Discharging
RRK083	47	'7719168_/_7719166_1'	10	10	10	1.832	5.8	10	2 No	1.832	Thermal Discharging
RRK083	48	'9298946_/_153804277_1'	8.1	10	10	1.832	2.5	10	2 No	1.832	Thermal Discharging
RRK083	49	'5567366_/_5567364'	10	10	10	1.832	10	10	2 No	1.832	Thermal Discharging
RRK083	50	'5564357_/_5573117'	10	10	10	1.832	10	10	2 No	1.832	Thermal Discharging
RRK083	51	'5564358_/_5564375_1'	10	10	10	1.832	3.5	10	2 No	1.832	Thermal Discharging
RRK083	52	'5573900_/_5573914'	10	10	10	1.832	10	10	2 No	1.832	Thermal Discharging
RRK083	53	'5564378_/_5564375_2'	10	10	10	1.832	3.5	10	2 No	1.832	Thermal Discharging
RRK083	54	'5573883_/_5573897'	10	10	10	1.832	10	10	2 No	1.832	Thermal Discharging
RRK083	55	'5573882_/_5573880'	10	10	10	1.832	10	10	2 No	1.832	Thermal Discharging
RRK083	56	'7406291_/_8042924_1'	10	10	10	1.832	1.5	10	2 No	1.5	Element Fault
RRK083	57	'5577964_/_5577978'	10	10	10	1.832	10	10	2 No	1.832	Thermal Discharging
RRK083	58	'5564773_/_7719166_2'	10	10	10	1.832	5.8	10	2 No	1.832	Thermal Discharging
RRK083	59	'5576094_/_5577961'	10	10	10	1.832	10	10	2 No	1.832	Thermal Discharging
RRK083	60	'7406310_/_7406308_1'	10	10	10	1.832	1.5	10	2 No	1.5	Element Fault
RRK083	61	'43740736_/_5576091'	10	10	10	1.832	10	10	2 No	1.832	Thermal Discharging
RRK083	62	'5576057_/_5576074'	10	10	10	1.832	10	10	2 No	1.832	Thermal Discharging
RRK083	63	'5576040_/_5576054'	10	10	10	1.832	10	10	2 No	1.832	Thermal Discharging
RRK083	64	'53584842_/_8042716_1'	10	10	10	1.832	2.7	10	2 No	1.832	Thermal Discharging
RRK083	65	'8356412_/_511213700_1'	6.8	10	10	1.832	2.6	10	2 No	1.832	Thermal Discharging
RRK083	66	'5573137_/_5576037'	10	10	10	1.832	10	10	2 No	1.832	Thermal Discharging
RRK083	67	'5567350_/_5573134'	9.3	10	10	1.832	10	10	2 No	1.832	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RRK083	68	'43739506_/5564771'	7.7	10	10	1.832	5.8	10	2	No	1.832 Thermal Discharging
RRK083	69	'7405642_/7405640_1'	9.3	10	10	1.832	1.7	10	2	No	1.7 Element Fault
RRK083	70	'7127291_/7127269'	7.7	10	10	1.832	3.5	10	2	No	1.832 Thermal Discharging
RRK083	71	'5567333_/5567347'	8.6	10	10	1.832	10	10	2	No	1.832 Thermal Discharging
RRK083	72	'7405806_/8356410'	6	10	10	1.832	2.6	10	2	No	1.832 Thermal Discharging
RRK083	73	'5567316_/5567330'	8.1	10	10	1.832	10	10	2	No	1.832 Thermal Discharging
RRK083	74	'5567299_/5567313'	7.6	10	10	1.832	10	10	2	No	1.832 Thermal Discharging
RRK083	75	'391773738_/7127289'	6.8	10	10	1.832	3.5	10	2	No	1.832 Thermal Discharging
RRK083	76	'8042192_/8042190_1'	7.6	10	10	1.832	1.5	10	2	No	1.5 Element Fault
RRK083	77	'400777944_/391773696_1'	6.8	10	10	1.832	1.7	10	2	No	1.7 Element Fault
RRK083	78	'5567282_/5567296'	7.3	10	10	1.832	10	10	2	No	1.832 Thermal Discharging
RRK083	79	'8042172_/8042170_1'	7.3	10	10	1.832	1.5	10	2	No	1.5 Element Fault
RRK083	80	'5564563_/43739508'	6.3	10	10	1.832	5.8	10	2	No	1.832 Thermal Discharging
RRK083	81	'7127292_/391773742'	6.4	10	10	1.832	3.5	10	2	No	1.832 Thermal Discharging
RRK083	82	'5567265_/5567279'	7	10	10	1.832	10	10	2	No	1.832 Thermal Discharging
RRK083	83	'8042927_/8042924_2'	6.2	10	10	1.832	1.5	10	2	No	1.5 Element Fault
RRK083	84	'7406311_/7406308_2'	6.3	10	10	1.832	1.5	10	2	No	1.5 Element Fault
RRK083	85	'8042907_/9610847_1'	6.1	10	10	1.832	1.5	10	2	No	1.5 Element Fault
RRK083	86	'5567248_/5567262'	6.7	10	10	1.832	10	10	2	No	1.832 Thermal Discharging
RRK083	87	'5567231_/5567245'	6.4	10	10	1.832	10	10	2	No	1.832 Thermal Discharging
RRK083	88	'5567230_/5567228'	6.2	10	10	1.832	10	10	2	No	1.832 Thermal Discharging
RRK083	89	'7406154_/8042716_2'	5.8	10	10	1.832	2.7	10	2	No	1.832 Thermal Discharging
RRK083	90	'7405643_/7405640_2'	5.8	10	10	1.832	1.7	10	2	No	1.7 Element Fault
RRK083	91	'5564564_/5564561'	5.5	10	10	1.832	5.8	10	2	No	1.832 Thermal Discharging
RRK083	92	'5572572_/5572586'	6	10	10	1.832	10	10	2	No	1.832 Thermal Discharging
RRK083	93	'5564604_/5564601'	1.83	3.33	3.33	0.608	1.93	3.33	0.67	No	0.608 Thermal Discharging
RRK083	94	'5572552_/5572569'	5.8	10	10	1.832	10	10	2	No	1.832 Thermal Discharging
RRK083	95	'53383236_/53383109_1'	5.7	10	10	1.832	3.3	10	2	No	1.832 Thermal Discharging
RRK083	96	'5572535_/5572549'	5.7	10	10	1.832	10	10	2	No	1.832 Thermal Discharging
RRK083	97	'8042173_/8042170_2'	5.4	10	10	1.832	1.5	10	2	No	1.5 Element Fault
RRK083	98	'391773677_/391773696_2'	5	10	10	1.832	1.7	10	2	No	1.7 Element Fault
RRK083	99	'50632155_/7406152_1'	5.3	10	10	1.832	1.8	10	2	No	1.8 Element Fault
RRK083	100	'53383112_/53383109_2'	5.5	10	10	1.832	3.3	10	2	No	1.832 Thermal Discharging
RRK083	101	'5572534_/5572532'	5.5	10	10	1.832	10	10	2	No	1.832 Thermal Discharging
RRK083	102	'49961862_/7406152_2'	5.2	10	10	1.832	1.8	10	2	No	1.8 Element Fault
RRK083	103	'5564620_/5564617'	1.63	3.33	3.33	0.608	1.93	3.33	0.67	No	0.608 Thermal Discharging
RRK083	104	'6445516_/7098946'	5.3	10	10	1.832	10	10	2	No	1.832 Thermal Discharging
RRK083	105	'8136766_/8136763_2'	5.3	10	10	1.832	5.5	10	2	No	1.832 Thermal Discharging
RRK083	106	'6445499_/6445513'	5.2	10	10	1.832	10	10	2	No	1.832 Thermal Discharging
RRK083	107	'6445479_/6445496'	5.1	10	10	1.832	10	10	2	No	1.832 Thermal Discharging
RRK083	108	'53383139_/53383136'	5	10	10	1.832	3.3	10	2	No	1.832 Thermal Discharging
RRK083	109	'5564584_/5564581'	4.6	9.8	10	1.832	5.2	10	2	No	1.832 Thermal Discharging
RRK083	110	'5564633_/5564630'	1.5	3.27	3.33	0.608	1.93	3.33	0.67	No	0.608 Thermal Discharging
RRK083	111	'87739331_/43918667'	4.9	10	10	1.832	10	10	2	No	1.832 Thermal Discharging
RRK083	112	'87739412_/87739381'	4.8	10	10	1.832	10	10	2	No	1.832 Thermal Discharging
RRK083	113	'87739451_/87739414'	4.7	10	10	1.832	10	10	2	No	1.832 Thermal Discharging
RRK083	114	'608123699_/608123696'	4.6	9.8	10	1.832	3.3	10	2	No	1.832 Thermal Discharging
RRK083	115	'608123768_/608123749_1'	4.6	9.8	10	1.832	2.3	10	2	No	1.832 Thermal Discharging
RRK083	116	'87739484_/87739453'	4.6	10	10	1.832	10	10	2	No	1.832 Thermal Discharging
RRK083	117	'608123744_/608123749_2'	4.5	9.6	10	1.832	2.3	10	2	No	1.832 Thermal Discharging
RRK083	118	'8136765_/8136763_1'	4.5	9.7	10	1.832	1.6	10	2	No	1.6 Element Fault
RRK083	119	'87739585_/87739557_1'	4.6	10	10	1.832	1.5	10	2	No	1.5 Element Fault
RRK083	120	'8042193_/8042190_2'	4.3	9.2	10	1.832	1.5	10	2	No	1.5 Element Fault
RRK083	121	'5564646_/5564643'	1.37	3.07	3.33	0.608	1.93	3.33	0.67	No	0.608 Thermal Discharging
RRK083	122	'55019351_/55019358'	4.2	8.9	10	1.832	1.7	10	2	No	1.7 Element Fault
RRK083	123	'5564659_/5564656'	1.27	2.83	3.33	0.608	1.93	3.33	0.67	No	0.608 Thermal Discharging
RRK083	124	'7139247_/7139265_1'	3.8	8.1	10	1.832	5.2	10	2	No	1.832 Thermal Discharging
RRK083	125	'7139285_/7139265_2'	3.8	8.1	10	1.832	5.2	10	2	No	1.832 Thermal Discharging
RRK083	126	'5564482_/7139265_3'	3.7	7.8	10	1.832	5.2	10	2	No	1.832 Thermal Discharging
RRK083	127	'5564672_/5564669'	1.2	2.67	3.33	0.608	1.93	3.33	0.67	No	0.608 Thermal Discharging
RRK083	128	'5564481_/5564479'	3.6	7.6	10	1.832	5.2	10	2	No	1.832 Thermal Discharging
RRK083	129	'400777951_/43739410'	3.6	7.6	10	1.832	5.2	10	2	No	1.832 Thermal Discharging
RRK083	130	'87739546_/87739557_2'	3.5	7.7	10	1.832	1.5	9.91	2	No	1.5 Element Fault
RRK083	131	'400777974_/9298980'	3.5	7.3	10	1.832	4.8	10	2	No	1.832 Thermal Discharging
RRK083	132	'111818502_/5576108_3'	1.1	2.1	10	1.832	0.9	3.19	2	No	0.9 Element Fault
RRK083	133	'49961879_/5576108_2'	1	2	10	1.832	0.9	3.06	2	No	0.9 Element Fault
RRK083	134	'50632164_/5576108_1'	1	1.9	10	1.832	0.9	2.97	2	No	0.9 Element Fault
RSP061	0	RSP061_/70588761'	10	10	10	0.89	10	10	10	No	0.89 Thermal Discharging
RSP061	1	'52280744_/70588761'	10	10	10	0.89	10	10	7.13	No	0.89 Thermal Discharging
RSP061	2	'148928259_/7171033_2'	10	10	10	0.89	10	10	7.13	No	0.89 Thermal Discharging
RSP061	3	'44070028_/7171033_1'	10	10	10	0	10	10	10	No	0 Thermal Discharging
RSP061	4	'52280345_/52279549'	10	10	10	0.89	10	10	7.13	No	0.89 Thermal Discharging
RSP061	5	'7171060_/44070030'	10	10	10	0	10	10	10	No	0 Thermal Discharging
RSP061	6	'390202858_/58136719'	10	10	10	0.89	10	10	7.13	No	0.89 Thermal Discharging
RSP061	7	'390202884_/390202860_1'	10	10	10	0.89	10	10	7.13	No	0.89 Thermal Discharging
RSP061	8	'70588754_/52280358'	10	10	10	0.89	10	10	7.13	No	0.89 Thermal Discharging
RSP061	9	'8441051_/8441048'	10	10	10	0	10	10	10	No	0 Thermal Discharging
RSP061	10	'58136716_/390202860_2'	10	10	10	0.89	10	10	7.13	No	0.89 Thermal Discharging
RSP061	11	'52280315_/52280318'	10	10	10	0.89	10	10	7.13	No	0.89 Thermal Discharging
RSP061	12	'52280289_/52280292'	10	10	10	0.89	10	10	7.13	No	0.89 Thermal Discharging
RSP061	13	'65574577_/53172622_1'	3.33	3.33	3.33	0.3	0.7	3.33	2.38	No	0.3 Thermal Discharging
RSP061	14	'55391125_/55391103'	3.33	3.33	3.33	0	1.5	3.33	3.33	No	0 Thermal Discharging
RSP061	15	'72303156_/72303159'	10	10	10	0.89	10	10	7.13	No	0.89 Thermal Discharging
RSP061	16	'52280715_/52280692'	10	10	10	0.89	10	10	7.13	No	0.89 Thermal Discharging
RSP061	17	'52280264_/52280266'	10	10	10	0.89	10	10	7.13	No	0.89 Thermal Discharging
RSP061	18	'69839714_/72303200_1'	10	10	10	0.89	1.4	10	7.13	No	0.89 Thermal Discharging
RSP061	19	'52280511_/52280490_1'	3.33	3.33	3.33	0.3	0.7	3.33	2.38	No	0.3 Thermal Discharging
RSP061	20	'52280234_/52280236'	10	10	10	0.89	10	10	7.13	No	0.89 Thermal Discharging
RSP061	21	'52280204_/52280206'	10	10	10	0.89	10	10	7.13	No	0.89 Thermal Discharging
RSP061	22	'388324552_/3031249'	10	10	10	0.89	7.1	10	7.13	No	0.89 Thermal Discharging
RSP061	23	'468176903_/468176874'	10	10	10	0.89	4.5	10	7.13	No	0.89 Thermal Discharging
RSP061	24	'72303203_/72303200_2'	10	10	10	0.89	1.4	10	7.13	No	0.89 Thermal Discharging
RSP061	25	'3522296_/52280176'	10	10	10	0.89	10	10	7.13	No	0.89 Thermal Discharging
RSP061	26	'468176987_/468176931_1'	10	10	10	0.89	1.4	10	7.13	No	0.89 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RSP061	27	'52280465_/52280490_2'	3.33		3.33	3.33	0.3	0.7	3.33	2.38 No	0.3 Thermal Discharging
RSP061	28	'632085934_/632085931'	10		10	10	0.89	10	10	7.13 No	0.89 Thermal Discharging
RSP061	29	'44065629_/7123480'	10		10	10	0.89	4.6	10	7.13 No	0.89 Thermal Discharging
RSP061	30	'52280808_/52280853'	10		10	10	0.89	4.5	10	7.13 No	0.89 Thermal Discharging
RSP061	31	'35222618_/632085961'	10		10	10	0.89	10	10	7.13 No	0.89 Thermal Discharging
RSP061	32	'50330407_/3521739'	10		10	10	0.89	4.6	10	7.13 No	0.89 Thermal Discharging
RSP061	33	'388324515_/388324554'	10		10	10	0.89	7.1	10	7.13 No	0.89 Thermal Discharging
RSP061	34	'53172625_/53172622_2'	3.33		3.33	3.33	0.3	0.7	3.33	2.38 No	0.3 Thermal Discharging
RSP061	35	'468176912_/468176931_2'	10		10	10	0.89	1.4	10	7.13 No	0.89 Thermal Discharging
RSP061	36	'632085986_/632085983'	10		10	10	0.89	10	10	7.13 No	0.89 Thermal Discharging
RSP061	37	'65574610_/58137001'	10		10	10	0.89	4.5	10	7.13 No	0.89 Thermal Discharging
RSP061	38	'35222652_/632086011'	10		10	10	0.89	10	10	7.13 No	0.89 Thermal Discharging
RSP061	39	'3522559_/632086037'	10		10	10	0.89	10	10	7.13 No	0.89 Thermal Discharging
RSP061	40	'35222689_/632086057'	10		10	10	0.89	10	10	7.13 No	0.89 Thermal Discharging
RSP061	41	'3522547_/656032514_1'	3.33		3.33	3.33	0.3	0.4	3.33	2.38 No	0.3 Thermal Discharging
RSP061	42	'388324402_/388324517'	10		10	10	0.89	7.1	10	7.13 No	0.89 Thermal Discharging
RSP061	43	'3522706_/632086077'	10		10	10	0.89	10	10	7.13 No	0.89 Thermal Discharging
RSP061	44	'65574616_/3522383'	6.67		6.67	6.67	0.59	2.2	6.67	4.75 No	0.59 Thermal Discharging
RSP061	45	'632086119_/632086097'	10		10	10	0.89	10	10	7.13 No	0.89 Thermal Discharging
RSP061	46	'656032368_/656032353_1'	3.33		3.33	3.33	0.3	0.4	3.33	2.38 No	0.3 Thermal Discharging
RSP061	47	'3522348_/52280550'	10		10	10	0.89	4.5	10	7.13 No	0.89 Thermal Discharging
RSP061	48	'656032386_/56208469_2'	3.33		3.33	3.33	0.3	1.5	3.33	2.38 No	0.3 Thermal Discharging
RSP061	49	'632086145_/632086117'	10		10	10	0.89	10	10	7.13 No	0.89 Thermal Discharging
RSP061	50	'3521609_/50330404'	6.67		6.67	6.67	0.59	3.07	6.67	4.75 No	0.59 Thermal Discharging
RSP061	51	'3522257_/632086143'	10		10	10	0.89	10	10	7.13 No	0.89 Thermal Discharging
RSP061	52	'656032356_/656032353_2'	3.33		3.33	3.33	0.3	0.4	3.33	2.38 No	0.3 Thermal Discharging
RSP061	53	'679208568_/632086175_1'	10		10	10	0.89	10	10	7.13 No	0.89 Thermal Discharging
RSP061	54	'388324451_/388324453'	10		10	10	0.89	7.1	10	7.13 No	0.89 Thermal Discharging
RSP061	55	'53172667_/53172642'	3.33		3.33	3.33	0.3	0.7	3.33	2.38 No	0.3 Thermal Discharging
RSP061	56	'656032517_/656032514_2'	3.33		3.33	3.33	0.3	0.4	3.33	2.38 No	0.3 Thermal Discharging
RSP061	57	'388324342_/3030628'	10		10	10	0.89	7.1	10	7.13 No	0.89 Thermal Discharging
RSP061	58	'51601577_/3521607'	6.67		6.67	6.67	0.59	3.07	6.67	4.75 No	0.59 Thermal Discharging
RSP061	59	'56208511_/56208469_1'	3.33		3.33	3.33	0.3	0.4	3.33	2.38 No	0.3 Thermal Discharging
RSP061	60	'3030550_/3030562'	10		10	10	0.89	7.1	10	7.13 No	0.89 Thermal Discharging
RSP061	61	'476287732_/3030911_1'	3.33		3.33	3.33	0.3	0.3	3.33	2.38 No	0.3 Thermal Discharging
RSP061	62	'476287698_/3030911_2'	3.33		3.33	3.33	0.3	0.3	3.33	2.38 No	0.3 Thermal Discharging
RSP061	63	'3030914_/476287702'	3.33		3.33	3.33	0.3	0.3	3.33	2.38 No	0.3 Thermal Discharging
RSP061	64	'53172696_/53172670'	3.33		3.33	3.33	0.3	0.7	3.33	2.38 No	0.3 Thermal Discharging
RSP061	65	'3030520_/3030532'	10		10	10	0.89	7.1	10	7.13 No	0.89 Thermal Discharging
RSP061	66	'51601581_/3521625'	6.67		6.67	6.67	0.59	3.07	6.67	4.75 No	0.59 Thermal Discharging
RSP061	67	'7808810_/52280469'	3.33		3.33	3.33	0.3	0.7	3.33	2.38 No	0.3 Thermal Discharging
RSP061	68	'3030927_/3030924'	3.33		3.33	3.33	0.3	0.3	3.33	2.38 No	0.3 Thermal Discharging
RSP061	69	'3030490_/3030502'	10		10	10	0.89	7.1	10	7.13 No	0.89 Thermal Discharging
RSP061	70	'53172720_/53172698'	3.33		3.33	3.33	0.3	0.7	3.33	2.38 No	0.3 Thermal Discharging
RSP061	71	'3030475_/3030487'	10		10	10	0.89	7.1	10	7.13 No	0.89 Thermal Discharging
RSP061	72	'51601593_/3521688'	6.67		6.67	6.67	0.59	3.07	6.67	4.75 No	0.59 Thermal Discharging
RSP061	73	'3030460_/3030472'	10		10	10	0.89	7.1	10	7.13 No	0.89 Thermal Discharging
RSP061	74	'3030943_/3030940'	3.33		3.33	3.33	0.3	0.3	3.33	2.38 No	0.3 Thermal Discharging
RSP061	75	'43334321_/3521673'	6.67		6.67	6.67	0.59	3.07	6.67	4.75 No	0.59 Thermal Discharging
RSP061	76	'3030445_/388324136'	10		10	10	0.89	6.8	10	7.13 No	0.89 Thermal Discharging
RSP061	77	'43249913_/388324104'	10		10	10	0.89	6.8	10	7.13 No	0.89 Thermal Discharging
RSP061	78	'3030412_/388324056'	10		10	10	0.89	6.7	10	7.13 No	0.89 Thermal Discharging
RSP061	79	'388323981_/388324018'	10		10	10	0.89	6.7	10	7.13 No	0.89 Thermal Discharging
RSP061	80	'3521643_/3521640'	6.67		6.67	6.67	0.59	3.07	6.67	4.75 No	0.59 Thermal Discharging
RSP061	81	'51601617_/3521757'	3.33		3.33	3.33	0.3	1.1	3.33	2.38 No	0.3 Thermal Discharging
RSP061	82	'388323906_/388323978'	10		10	10	0.89	6.7	10	7.13 No	0.89 Thermal Discharging
RSP061	83	'43249936_/3031081'	6.67		6.67	6.67	0.59	2.3	6.67	4.75 No	0.59 Thermal Discharging
RSP061	84	'3023409_/388323903'	10		10	10	0.89	6.7	10	7.13 No	0.89 Thermal Discharging
RSP061	85	'396985547_/3023566_1'	3.33		3.33	3.33	0.3	0.3	3.33	2.38 No	0.3 Thermal Discharging
RSP061	86	'3023380_/388323859'	10		10	10	0.89	6.7	10	7.13 No	0.89 Thermal Discharging
RSP061	87	'3521658_/3521655'	6.67		6.67	6.67	0.59	3.07	6.67	4.75 No	0.59 Thermal Discharging
RSP061	88	'3030679_/3030676'	6.67		6.67	6.67	0.59	2.3	6.67	4.75 No	0.59 Thermal Discharging
RSP061	89	'3023365_/388323825'	10		10	10	0.89	6.7	10	7.13 No	0.89 Thermal Discharging
RSP061	90	'3023350_/388323779'	10		10	10	0.89	6.7	10	7.13 No	0.89 Thermal Discharging
RSP061	91	'7557062_/8192627_1'	3.33		3.33	3.33	0.3	0.3	3.33	2.38 No	0.3 Thermal Discharging
RSP061	92	'43334333_/3521706'	6.67		6.67	6.67	0.59	3.07	6.67	4.75 No	0.59 Thermal Discharging
RSP061	93	'391331181_/388323747_2'	10		10	10	0.89	6.6	10	7.13 No	0.89 Thermal Discharging
RSP061	94	'43247327_/3023566_2'	3.33		3.33	3.33	0.3	0.3	3.33	2.38 No	0.3 Thermal Discharging
RSP061	95	'63580331_/8522665_2'	3.33		3.33	3.33	0.3	1.5	3.33	2.38 No	0.3 Thermal Discharging
RSP061	96	'3030694_/3030691'	6.67		6.67	6.67	0.59	2.3	6.67	4.75 No	0.59 Thermal Discharging
RSP061	97	'51601628_/3521770'	3.33		3.33	3.33	0.3	1.1	3.33	2.38 No	0.3 Thermal Discharging
RSP061	98	'476287860_/3030830_2'	3.33		3.33	3.33	0.3	1.1	3.33	2.38 No	0.3 Thermal Discharging
RSP061	99	'3023789_/3023803'	3.33		3.33	3.33	0.3	0.3	3.33	2.38 No	0.3 Thermal Discharging
RSP061	100	'3521727_/3521724'	6.67		6.67	6.67	0.59	3	6.67	4.75 No	0.59 Thermal Discharging
RSP061	101	'8192630_/8192627_2'	3.33		3.33	3.33	0.3	0.3	3.33	2.38 No	0.3 Thermal Discharging
RSP061	102	'3030832_/3030830_1'	3.33		3.33	3.33	0.3	0.3	3.33	2.38 No	0.3 Thermal Discharging
RSP061	103	'43249948_/3031102'	6.67		6.67	6.67	0.59	2.3	6.67	4.75 No	0.59 Thermal Discharging
RSP061	104	'3023790_/3023787'	3.33		3.33	3.33	0.3	0.3	3.33	2.38 No	0.3 Thermal Discharging
RSP061	105	'3521786_/49219134'	3.33		3.33	3.33	0.3	1.1	3.33	2.38 No	0.3 Thermal Discharging
RSP061	106	'8522668_/8522665_1'	3.33		3.33	3.33	0.3	0.4	3.33	2.38 No	0.3 Thermal Discharging
RSP061	107	'3030846_/3030843'	3.33		3.33	3.33	0.3	0.3	3.33	2.38 No	0.3 Thermal Discharging
RSP061	108	'388324800_/3030895'	3.33		3.33	3.33	0.3	0.3	3.33	2.38 No	0.3 Thermal Discharging
RSP061	109	'8501991_/8501989_1'	3.33		3.33	3.33	0.3	0.1	3.33	2.38 No	0.1 Element Fault
RSP061	110	'3030709_/3030706'	6.67		6.67	6.67	0.59	2.3	6.67	4.75 No	0.59 Thermal Discharging
RSP061	111	'3030859_/3030856'	3.33		3.33	3.33	0.3	0.3	3.33	2.38 No	0.3 Thermal Discharging
RSP061	112	'3030724_/3030721'	6.67		6.67	6.67	0.59	2.2	6.67	4.75 No	0.59 Thermal Discharging
RSP061	113	'51601633_/3521796'	1.93		3.33	3.33	0.3	1.1	3.33	2.38 No	0.3 Thermal Discharging
RSP061	114	'43249960_/3030869'	3.33		3.33	3.33	0.3	0.3	3.33	2.38 No	0.3 Thermal Discharging
RSP061	115	'8501992_/8501989_2'	3.33		3.33	3.33	0.3	0.1	3.33	2.38 No	0.1 Element Fault
RSP061	116	'430340538_/9685030'	2.33		3.33	3.33	0.3	0.4	3.33	2.38 No	0.3 Thermal Discharging
RSP061	117	'430340574_/430340613'	2.2		3.33	3.33	0.3	0.4	3.33	2.38 No	0.3 Thermal Discharging
RSP061	118	'3030982_/3031133'	4.93		6.67	6.67	0.59	2.2	6.67	4.75 No	0.59 Thermal Discharging
RSP061	119	'430340502_/430340593'	2.1		3.33	3.33	0.3	0.4	3.33	2.38 No	0.3 Thermal Discharging
RSP061	120	'476287821_/3030979_2'	4.2		6.67	6.67	0.59	2.2	6.67	4.75 No	0.59 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RSP061	121	'43249965_/43249962'	1.83	3.33	3.33	0.3	0.3	3.33	2.38 No	0.3	Thermal Discharging
RSP061	122	'51601649_/3521809'	1.27	3.33	3.33	0.3	1.1	3.33	2.38 No	0.3	Thermal Discharging
RSP061	123	'30311154_/30311151'	1.8	3.33	3.33	0.3	1.1	3.33	2.38 No	0.3	Thermal Discharging
RSP061	124	'3030981_/3030979_1'	3.4	6.67	6.67	0.59	0.6	6.67	4.75 No	0.59	Thermal Discharging
RSP061	125	'3031166_/3031177'	1.3	3.33	3.33	0.3	1.1	3.33	2.38 No	0.3	Thermal Discharging
RSP061	126	'7242584_/9451108_1'	1.3	3.33	3.33	0.3	0.3	3.33	2.38 No	0.3	Thermal Discharging
RSP061	127	'51601674_/3521822'	0.97	3.33	3.33	0.3	1.1	3.33	2.38 No	0.3	Thermal Discharging
RSP061	128	'8502007_/430340506'	1.2	3.33	3.33	0.3	0.4	3.33	2.38 No	0.3	Thermal Discharging
RSP061	129	'76435269_/8502005_1'	0.43	2.6	3.33	0.3	0.2	3.33	2.38 No	0.2	Element Fault
RSP061	130	'9451111_/9451108_2'	1.27	3.33	3.33	0.3	0.3	3.33	2.38 No	0.3	Thermal Discharging
RSP061	131	'3031167_/3031164'	1	3.33	3.33	0.3	1.1	3.33	2.38 No	0.3	Thermal Discharging
RSP061	132	'51601687_/3521848'	0.77	3.33	3.33	0.3	1.1	3.33	2.38 No	0.3	Thermal Discharging
RSP061	133	'43250037_/3031190'	0.93	3.33	3.33	0.3	1.1	3.33	2.38 No	0.3	Thermal Discharging
RSP061	134	'3031041_/43250039'	0.87	3.33	3.33	0.3	1.1	3.33	2.38 No	0.3	Thermal Discharging
RSP061	135	'51601703_/3521874'	0.63	3.33	3.33	0.3	1.1	3.33	2.38 No	0.3	Thermal Discharging
RSP061	136	'43249993_/43249995'	0.87	3.33	3.33	0.3	1.1	3.33	2.38 No	0.3	Thermal Discharging
RSP061	137	'87580730_/9451092_2'	0.87	3.33	3.33	0.3	1.1	3.33	2.38 No	0.3	Thermal Discharging
RSP061	138	'43250004_/3031039'	0.77	3.33	3.33	0.3	1.1	3.33	2.38 No	0.3	Thermal Discharging
RSP061	139	'9451095_/9451092_1'	0.87	3.33	3.33	0.3	0.3	3.33	2.38 No	0.3	Thermal Discharging
RSP061	140	'51601723_/3521900'	0.57	3.33	3.33	0.3	1.1	3.33	2.38 No	0.3	Thermal Discharging
RSP061	141	'3030956_/3030953'	0.67	3.33	3.33	0.3	1.1	3.33	2.38 No	0.3	Thermal Discharging
RSP061	142	'476287802_/3031000_2'	0.67	3.33	3.33	0.3	1.1	3.33	2.38 No	0.3	Thermal Discharging
RSP061	143	'51601747_/3521939'	0.5	3.33	3.33	0.3	1.1	3.33	2.38 No	0.3	Thermal Discharging
RSP061	144	'3031002_/3031000_1'	0.67	3.33	3.33	0.3	0.3	3.33	2.38 No	0.3	Thermal Discharging
RSP061	145	'43250026_/3030966'	0.6	3.33	3.33	0.3	1.1	3.33	2.38 No	0.3	Thermal Discharging
RSP061	146	'3031055_/9451124_1'	0.6	3.33	3.33	0.3	0.2	3.33	2.38 No	0.2	Element Fault
RSP061	147	'51601773_/49247352'	0.47	3.33	3.33	0.3	1.1	3.33	2.38 No	0.3	Thermal Discharging
RSP061	148	'43250015_/3031013'	0.67	3.33	3.33	0.3	0.3	3.33	2.38 No	0.3	Thermal Discharging
RSP061	149	'3031028_/43250017'	0.63	3.33	3.33	0.3	0.3	3.33	2.38 No	0.3	Thermal Discharging
RSP061	150	'9135633_/9451124_2'	0.53	3.33	3.33	0.3	0.2	3.33	2.38 No	0.2	Element Fault
RSP061	151	'8192789_/9135631'	0.53	3.33	3.33	0.3	0.2	3.33	2.38 No	0.2	Element Fault
RSP061	152	'3031029_/3031026'	0.6	3.33	3.33	0.3	0.3	3.33	2.38 No	0.3	Thermal Discharging
RSP061	153	'8192774_/8192787'	0.43	3.33	3.33	0.3	0.2	3.33	2.38 No	0.2	Element Fault
RSP061	154	'396890226_/396890264'	0.43	3.33	3.33	0.3	0.2	3.33	2.38 No	0.2	Element Fault
RSP061	155	'7557205_/8192771'	0.4	3.23	3.33	0.3	0.2	3.33	2.38 No	0.2	Element Fault
RSP061	156	'7557206_/7557203'	0.37	2.97	3.33	0.3	0.2	3.32	2.38 No	0.2	Element Fault
RVA061	0	'RVA061_/7494608'	10	10	10	2.73	10	10	10 No	2.73	Thermal Discharging
RVA061	1	'7494610_/7494608'	10	10	10	2.73	10	10	2.35 No	2.35	Unintentional Islanding
RVA061	2	'76649068_/7907671_2'	10	10	10	2.73	10	10	2.35 No	2.35	Unintentional Islanding
RVA061	3	'3683296_/7907671_1'	10	10	10	2.73	10	10	2.34 No	2.34	Unintentional Islanding
RVA061	4	'66256791_/3683293'	10	10	10	2.73	10	10	2.34 No	2.34	Unintentional Islanding
RVA061	5	'53632621_/53632300'	10	10	10	2.73	10	10	2.33 No	2.33	Unintentional Islanding
RVA061	6	'3683279_/66256794'	10	10	10	2.73	10	10	2.33 No	2.33	Unintentional Islanding
RVA061	7	'43364267_/3683276'	10	10	10	2.73	10	10	2.32 No	2.32	Unintentional Islanding
RVA061	8	'53632647_/53632618'	10	10	10	2.73	10	10	2.32 No	2.32	Unintentional Islanding
RVA061	9	'53632673_/53632644'	10	10	10	2.73	10	10	2.31 No	2.31	Unintentional Islanding
RVA061	10	'3683242_/3683259'	10	10	10	2.73	10	10	2.31 No	2.31	Unintentional Islanding
RVA061	11	'53632720_/53632670'	10	10	10	2.73	10	10	2.31 No	2.31	Unintentional Islanding
RVA061	12	'53632721_/53632696'	10	10	10	2.73	10	10	2.3 No	2.3	Unintentional Islanding
RVA061	13	'3683241_/3683239'	10	10	10	2.73	10	10	2.29 No	2.29	Unintentional Islanding
RVA061	14	'53632869_/53632718'	10	10	10	2.73	10	10	2.29 No	2.29	Unintentional Islanding
RVA061	15	'3685353_/3685367'	10	10	10	2.73	10	10	2.28 No	2.28	Unintentional Islanding
RVA061	16	'70737044_/70727434_1'	10	10	10	2.73	1.6	10	2.28 No	1.6	Element Fault
RVA061	17	'3685352_/3685350'	10	10	10	2.73	10	10	2.27 No	2.27	Unintentional Islanding
RVA061	18	'3698722_/3698757'	10	10	10	2.73	10	10	2.25 No	2.25	Unintentional Islanding
RVA061	19	'3698723_/117648510_1'	9.8	10	10	2.73	1.5	10	2.25 No	1.5	Element Fault
RVA061	20	'3698777_/3698794'	9.9	10	10	2.73	10	10	2.24 No	2.24	Unintentional Islanding
RVA061	21	'3698672_/3698774'	9.7	10	10	2.73	10	10	2.23 No	2.23	Unintentional Islanding
RVA061	22	'61697006_/8223224_2'	9.6	10	10	2.73	5.5	10	2.24 No	2.24	Unintentional Islanding
RVA061	23	'3698671_/3698669'	9.7	10	10	2.73	10	10	2.23 No	2.23	Unintentional Islanding
RVA061	24	'3698813_/3702119_1'	3.07	3.33	3.33	0.91	0.5	3.33	0.75 No	0.5	Element Fault
RVA061	25	'3698655_/3698703'	9.5	10	10	2.73	10	10	2.21 No	2.21	Unintentional Islanding
RVA061	26	'7273245_/8223224_1'	9.6	10	10	2.73	1.6	10	2.23 No	1.6	Element Fault
RVA061	27	'3698638_/3698652'	9.3	10	10	2.73	10	10	2.21 No	2.21	Unintentional Islanding
RVA061	28	'505170900_/505170746_1'	3.17	3.33	3.33	0.91	0.5	3.33	0.74 No	0.5	Element Fault
RVA061	29	'43366318_/3702119_2'	3.07	3.33	3.33	0.91	0.5	3.33	0.75 No	0.5	Element Fault
RVA061	30	'3683435_/3698635'	9.2	10	10	2.73	10	10	2.2 No	2.2	Unintentional Islanding
RVA061	31	'3681731_/3683432'	9.2	10	10	2.73	10	10	2.19 No	2.19	Unintentional Islanding
RVA061	32	'43364293_/3683449'	8.8	10	10	2.73	10	10	2.18 No	2.18	Unintentional Islanding
RVA061	33	'3681732_/3681745_1'	2.9	3.33	3.33	0.91	0.5	3.33	0.73 No	0.5	Element Fault
RVA061	34	'3681634_/3683594'	8.6	10	10	2.73	10	10	2.17 No	2.17	Unintentional Islanding
RVA061	35	'3681605_/3683188'	8.4	10	10	2.73	10	10	2.15 No	2.15	Unintentional Islanding
RVA061	36	'3681663_/3683222'	8.3	10	10	2.73	10	10	2.14 No	2.14	Unintentional Islanding
RVA061	37	'3683208_/3683205'	8.3	10	10	2.73	10	10	2.14 No	2.14	Unintentional Islanding
RVA061	38	'129314097_/129314099'	8.1	10	10	2.73	10	10	2.13 No	2.13	Unintentional Islanding
RVA061	39	'3681664_/3681674_1'	2.7	3.33	3.33	0.91	0.5	3.33	0.71 No	0.5	Element Fault
RVA061	40	'4573044_/7075946'	8	10	10	2.73	10	10	2.13 No	2.13	Unintentional Islanding
RVA061	41	'4573045_/4573278_1'	7.9	10	10	2.73	1.5	10	2.12 No	1.5	Element Fault
RVA061	42	'4575137_/4575151'	7.9	10	10	2.73	10	10	2.12 No	2.12	Unintentional Islanding
RVA061	43	'4575120_/4575134'	7.8	10	10	2.73	10	10	2.11 No	2.11	Unintentional Islanding
RVA061	44	'154638161_/129314768_2'	7.7	10	10	2.73	5.4	10	2.11 No	2.11	Unintentional Islanding
RVA061	45	'129314388_/4575117'	7.6	10	10	2.73	10	10	2.09 No	2.09	Unintentional Islanding
RVA061	46	'129314441_/4575688'	7.5	10	10	2.73	10	10	2.08 No	2.08	Unintentional Islanding
RVA061	47	'115231656_/4573278_2'	7.1	10	10	2.73	1.5	10	2.11 No	1.5	Element Fault
RVA061	48	'129314491_/4575725'	7.4	10	10	2.73	10	10	2.07 No	2.07	Unintentional Islanding
RVA061	49	'636248274_/4575705'	7.4	10	10	2.73	10	10	2.07 No	2.07	Unintentional Islanding
RVA061	50	'636248326_/8588186_1'	7.4	10	10	2.73	1.5	10	2.07 No	1.5	Element Fault
RVA061	51	'43364306_/3681745_2'	2.27	3.33	3.33	0.91	0.5	3.33	0.72 No	0.5	Element Fault
RVA061	52	'129314636_/43538723'	7.3	10	10	2.73	10	10	2.06 No	2.06	Unintentional Islanding
RVA061	53	'70727423_/70727434_2'	6.3	10	10	2.73	1.6	10	2.23 No	1.6	Element Fault
RVA061	54	'129315171_/9222378_1'	7.3	10	10	2.73	1.5	10	2.06 No	1.5	Element Fault
RVA061	55	'50803446_/43366320'	2.13	3.33	3.33	0.91	0.5	3.33	0.73 No	0.5	Element Fault
RVA061	56	'43538721_/129314645'	7.2	10	10	2.73	10	10	2.06 No	2.06	Unintentional Islanding
RVA061	57	'4575103_/4575654'	7.1	10	10	2.73	10	10	2.05 No	2.05	Unintentional Islanding

Feeder Name	Feeder ID	Node	Primary Over- Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RVA061	58	'4575102_/_4575100'		7	10	10	2.73	10	10	2.04 No	2.04 Unintentional Islanding
RVA061	59	'4575820_/_4575923'		6.9	10	10	2.73	10	10	2.03 No	2.03 Unintentional Islanding
RVA061	60	'4575821_/_4575835_1'		6.9	10	10	2.73	1.5	10	2.03 No	1.5 Element Fault
RVA061	61	'4575892_/_4575906'		6.8	10	10	2.73	10	10	2.02 No	2.02 Unintentional Islanding
RVA061	62	'4575875_/_4575889'		6.7	10	10	2.73	10	10	2.02 No	2.02 Unintentional Islanding
RVA061	63	'43538594_/_115231660'		6.3	10	10	2.73	1.5	10	2.09 No	1.5 Element Fault
RVA061	64	'129314733_/_129314768_1'		6.2	10	10	2.73	1.5	10	2.09 No	1.5 Element Fault
RVA061	65	'4575778_/_4575872'		6.6	10	10	2.73	10	10	2.02 No	2.02 Unintentional Islanding
RVA061	66	'7273246_/_7273243'		5.8	10	10	2.73	1.6	10	2.18 No	1.6 Element Fault
RVA061	67	'4575779_/_4575789_1'		2.2	3.33	3.33	0.91	0.5	3.33	0.67 No	0.5 Element Fault
RVA061	68	'4575857_/_4575855'		6.5	10	10	2.73	10	10	2.02 No	2.02 Unintentional Islanding
RVA061	69	'4576078_/_4576076'		6.4	10	10	2.73	10	10	2.02 No	2.02 Unintentional Islanding
RVA061	70	'4575792_/_4575789_2'		2.13	3.33	3.33	0.91	0.5	3.33	0.67 No	0.5 Element Fault
RVA061	71	'43538535_/_4576093'		6.4	10	10	2.73	10	10	2.02 No	2.02 Unintentional Islanding
RVA061	72	'4575086_/_4575185'		6.3	10	10	2.73	10	10	2.02 No	2.02 Unintentional Islanding
RVA061	73	'4575069_/_4575083'		6.3	10	10	2.73	10	10	2.02 No	2.02 Unintentional Islanding
RVA061	74	'4575049_/_4575066'		6.2	10	10	2.73	10	10	2.02 No	2.02 Unintentional Islanding
RVA061	75	'37813047_/_9222378_2'		5.9	10	10	2.73	1.5	10	2.04 No	1.5 Element Fault
RVA061	76	'37813040_/_37813051'		5.9	10	10	2.73	1.5	10	2.04 No	1.5 Element Fault
RVA061	77	'37813061_/_37813086'		5.9	10	10	2.73	1.5	10	2.04 No	1.5 Element Fault
RVA061	78	'37813033_/_37813037'		5.9	10	10	2.73	1.5	10	2.04 No	1.5 Element Fault
RVA061	79	'4573061_/_4573079'		5.7	10	10	2.73	1.5	10	2.07 No	1.5 Element Fault
RVA061	80	'70736910_/_70727452'		5.1	10	10	2.73	1.6	10	2.2 No	1.6 Element Fault
RVA061	81	'7328806_/_7328821_2'		5.7	10	10	2.73	1.5	10	2.07 No	1.5 Element Fault
RVA061	82	'4575029_/_4575046'		6.1	10	10	2.73	10	10	2.02 No	2.02 Unintentional Islanding
RVA061	83	'8278390_/_8278388'		5.7	10	10	2.73	1.5	10	2.04 No	1.5 Element Fault
RVA061	84	'4572946_/_4575026'		6.1	10	10	2.73	10	10	2.02 No	2.02 Unintentional Islanding
RVA061	85	'3681677_/_3681674_2'		1.8	3.33	3.33	0.91	0.5	3.33	0.7 No	0.5 Element Fault
RVA061	86	'4575011_/_4575009'		6	10	10	2.73	10	10	2.02 No	2.02 Unintentional Islanding
RVA061	87	'43364317_/_3681758'		1.73	3.33	3.33	0.91	0.5	3.33	0.71 No	0.5 Element Fault
RVA061	88	'4572947_/_4572957_1'		1.97	3.33	3.33	0.91	0.5	3.33	0.67 No	0.5 Element Fault
RVA061	89	'4572917_/_4577156'		6	10	10	2.73	10	10	2.02 No	2.02 Unintentional Islanding
RVA061	90	'43538500_/_43538502'		6	10	10	2.73	10	10	2.02 No	2.02 Unintentional Islanding
RVA061	91	'4575627_/_4575802'		1.93	3.33	3.33	0.91	0.5	3.33	0.67 No	0.5 Element Fault
RVA061	92	'471384356_/_471384360'		6	10	10	2.73	10	10	2.02 No	2.02 Unintentional Islanding
RVA061	93	'8907972_/_9536606'		5.5	10	10	2.73	1.5	10	2.03 No	1.5 Element Fault
RVA061	94	'4575838_/_4575835_2'		5.6	10	10	2.73	1.5	10	2.02 No	1.5 Element Fault
RVA061	95	'117648499_/_117648510_2'		4.9	10	10	2.73	1.5	10	2.16 No	1.5 Element Fault
RVA061	96	'4572852_/_4574992'		5.9	10	10	2.73	10	10	2.02 No	2.02 Unintentional Islanding
RVA061	97	'4572918_/_4572931_1'		2	3.33	3.33	0.91	0.5	3.33	0.67 No	0.5 Element Fault
RVA061	98	'43538487_/_43538489'		5.9	10	10	2.73	10	10	2.02 No	2.02 Unintentional Islanding
RVA061	99	'4572853_/_4572863_1'		1.97	3.33	3.33	0.91	0.5	3.33	0.67 No	0.5 Element Fault
RVA061	100	'7962937_/_7962935_1'		5.6	10	10	2.73	0.9	10	2.02 No	0.9 Element Fault
RVA061	101	'8588189_/_8588186_2'		5.3	10	10	2.73	1.5	10	2.03 No	1.5 Element Fault
RVA061	102	'4574961_/_4574975'		5.8	10	10	2.73	10	10	2.02 No	2.02 Unintentional Islanding
RVA061	103	'8907971_/_8907969'		5.2	10	10	2.73	1.5	10	2.02 No	1.5 Element Fault
RVA061	104	'4574944_/_4574958'		5.7	10	10	2.73	10	10	2.02 No	2.02 Unintentional Islanding
RVA061	105	'43538548_/_4575625'		1.83	3.33	3.33	0.91	0.5	3.33	0.67 No	0.5 Element Fault
RVA061	106	'4574943_/_4574941'		5.7	10	10	2.73	10	10	2.02 No	2.02 Unintentional Islanding
RVA061	107	'4572866_/_4572863_2'		1.9	3.33	3.33	0.91	0.5	3.33	0.67 No	0.5 Element Fault
RVA061	108	'7962938_/_7962935_2'		5.1	10	10	2.73	0.9	10	2.02 No	0.9 Element Fault
RVA061	109	'43538828_/_43538830'		5.6	10	10	2.73	10	10	2.02 No	2.02 Unintentional Islanding
RVA061	110	'7329279_/_9536586'		5	10	10	2.73	1.5	10	2.02 No	1.5 Element Fault
RVA061	111	'43538513_/_4572931_2'		1.87	3.33	3.33	0.91	0.5	3.33	0.67 No	0.5 Element Fault
RVA061	112	'4574927_/_4577173'		5.5	10	10	2.73	10	10	2.02 No	2.02 Unintentional Islanding
RVA061	113	'7908058_/_7908055'		4.5	10	10	2.73	1.6	10	2.14 No	1.6 Element Fault
RVA061	114	'4574910_/_4574924'		5.5	10	10	2.73	10	10	2.02 No	2.02 Unintentional Islanding
RVA061	115	'4575628_/_43538550'		1.7	3.33	3.33	0.91	0.5	3.33	0.67 No	0.5 Element Fault
RVA061	116	'4572810_/_4574907'		5.4	10	10	2.73	10	10	2.02 No	2.02 Unintentional Islanding
RVA061	117	'149093284_/_149093298_1'		4.9	10	10	2.73	1.5	10	2.02 No	1.5 Element Fault
RVA061	118	'149093301_/_149093298_2'		4.9	10	10	2.73	1.5	10	2.02 No	1.5 Element Fault
RVA061	119	'149252613_/_149231230_1'		4.9	10	10	2.73	0.9	10	2.02 No	0.9 Element Fault
RVA061	120	'4574669_/_4575202'		5.4	10	10	2.73	10	10	2.02 No	2.02 Unintentional Islanding
RVA061	121	'149045457_/_149045459'		5.4	10	10	2.73	10	10	2.02 No	2.02 Unintentional Islanding
RVA061	122	'4572811_/_4572821_1'		1.8	3.33	3.33	0.91	0.5	3.33	0.67 No	0.5 Element Fault
RVA061	123	'4573027_/_4575988_2'		4.8	10	10	2.73	1.5	10	2.02 No	1.5 Element Fault
RVA061	124	'3681693_/_3681690'		1.5	3.33	3.33	0.91	0.5	3.33	0.69 No	0.5 Element Fault
RVA061	125	'149021415_/_149045438'		5.4	10	10	2.73	10	10	2.02 No	2.02 Unintentional Islanding
RVA061	126	'4572960_/_4572957_2'		1.67	3.33	3.33	0.91	0.5	3.33	0.67 No	0.5 Element Fault
RVA061	127	'4574652_/_4574666'		5.3	10	10	2.73	10	10	2.02 No	2.02 Unintentional Islanding
RVA061	128	'121744028_/_4574649'		5.3	10	10	2.73	10	10	2.02 No	2.02 Unintentional Islanding
RVA061	129	'7328823_/_7328821_1'		4.5	10	10	2.73	0.9	10	2.03 No	0.9 Element Fault
RVA061	130	'4574651_/_121744037'		5.3	10	10	2.73	10	10	2.02 No	2.02 Unintentional Islanding
RVA061	131	'43537887_/_43537889'		5.3	10	10	2.73	10	10	2.02 No	2.02 Unintentional Islanding
RVA061	132	'4573114_/_7075930'		1.47	3.33	3.33	0.91	0.5	3.33	0.68 No	0.5 Element Fault
RVA061	133	'247600597_/_149093205_2'		1.6	3.33	3.33	0.91	0.5	3.33	0.67 No	0.5 Element Fault
RVA061	134	'3681761_/_43364319'		1.4	3.33	3.33	0.91	0.5	3.33	0.69 No	0.5 Element Fault
RVA061	135	'4574618_/_4574632'		5.2	10	10	2.73	10	10	2.02 No	2.02 Unintentional Islanding
RVA061	136	'8587899_/_8587916_1'		5.2	10	10	2.73	1.5	10	2.02 No	1.5 Element Fault
RVA061	137	'34589260_/_9702432'		4.3	10	10	2.73	1.5	10	2.04 No	1.5 Element Fault
RVA061	138	'4574601_/_4574615'		5.2	10	10	2.73	10	10	2.02 No	2.02 Unintentional Islanding
RVA061	139	'103219607_/_8223170'		4	10	10	2.73	1.6	10	2.12 No	1.6 Element Fault
RVA061	140	'68924368_/_154005027_1'		1.9	5.3	10	2.73	1.6	10	2.03 No	1.6 Element Fault
RVA061	141	'103219588_/_103219612'		2.67	6.67	6.67	1.82	1.07	6.67	1.41 No	1.07 Element Fault
RVA061	142	'4567888_/_4574598'		5.1	10	10	2.73	10	10	2.02 No	2.02 Unintentional Islanding
RVA061	143	'4572824_/_4572821_2'		1.7	3.33	3.33	0.91	0.5	3.33	0.67 No	0.5 Element Fault
RVA061	144	'7328842_/_467454556_2'		1.7	3.33	3.33	0.91	0.5	3.33	0.67 No	0.5 Element Fault
RVA061	145	'7962902_/_8233462'		4.3	10	10	2.73	1.5	10	2.02 No	1.5 Element Fault
RVA061	146	'4567859_/_4574581'		5.1	10	10	2.73	10	10	2.02 No	2.02 Unintentional Islanding
RVA061	147	'4572879_/_4572876'		1.6	3.33	3.33	0.91	0.5	3.33	0.67 No	0.5 Element Fault
RVA061	148	'4567889_/_43537878_1'		1.7	3.33	3.33	0.91	0.5	3.33	0.67 No	0.5 Element Fault
RVA061	149	'4567820_/_4574561'		5.1	10	10	2.73	10	10	2.02 No	2.02 Unintentional Islanding
RVA061	150	'149093247_/_149231230_2'		4.3	10	10	2.73	0.9	10	2.02 No	0.9 Element Fault
RVA061	151	'723902546_/_723902513_2'		1.7	3.33	3.33	0.91	1.4	3.33	0.67 No	0.67 Unintentional Islanding

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RVA061	152	'4567860_/_4567873_1'	1.7	3.33	3.33	0.91	0.5	3.33	0.67 No	0.5	Element Fault
RVA061	153	'723902473_/_723902342_1'	1.7	3.33	3.33	0.91	0.5	3.33	0.67 No	0.5	Element Fault
RVA061	154	'4574507_/_4574544'	5	10	10	2.73	10	10	2.02 No	2.02	Unintentional Islanding
RVA061	155	'714597863_/_714597904_1'	1.67	3.33	3.33	0.91	0.5	3.33	0.67 No	0.5	Element Fault
RVA061	156	'7328786_/_7328783'	4.2	10	10	2.73	0.9	10	2.02 No	0.9	Element Fault
RVA061	157	'4572973_/_4572970'	1.47	3.33	3.33	0.91	0.5	3.33	0.67 No	0.5	Element Fault
RVA061	158	'4567710_/_4574504'	5	10	10	2.73	10	10	2.02 No	2.02	Unintentional Islanding
RVA061	159	'149021314_/_4575638'	4.1	10	10	2.73	1.5	10	2.02 No	1.5	Element Fault
RVA061	160	'43537830_/_43537832_2'	4.9	10	10	2.73	10	10	2.02 No	2.02	Unintentional Islanding
RVA061	161	'4567681_/_43537832_1'	4.9	10	10	2.73	10	10	2.02 No	2.02	Unintentional Islanding
RVA061	162	'8587919_/_8587916_2'	4.7	10	10	2.73	1.5	10	2.02 No	1.5	Element Fault
RVA061	163	'4567682_/_4567695_1'	1.63	3.33	3.33	0.91	0.5	3.33	0.67 No	0.5	Element Fault
RVA061	164	'4574472_/_4574470'	4.9	10	10	2.73	10	10	2.02 No	2.02	Unintentional Islanding
RVA061	165	'4567792_/_714597904_2'	1.6	3.33	3.33	0.91	0.5	3.33	0.67 No	0.5	Element Fault
RVA061	166	'4567876_/_4567873_2'	1.6	3.33	3.33	0.91	0.5	3.33	0.67 No	0.5	Element Fault
RVA061	167	'336365592_/_336365533_1'	1.6	3.33	3.33	0.91	0.2	3.33	0.67 No	0.2	Element Fault
RVA061	168	'4573001_/_4575943'	1.37	3.33	3.33	0.91	0.5	3.33	0.67 No	0.5	Element Fault
RVA061	169	'4567655_/_4574527'	4.9	10	10	2.73	10	10	2.02 No	2.02	Unintentional Islanding
RVA061	170	'43538854_/_43538856'	4.8	10	10	2.73	10	10	2.02 No	2.02	Unintentional Islanding
RVA061	171	'392536235_/_4567776_2'	1.63	3.33	3.33	0.91	1.5	3.33	0.67 No	0.67	Unintentional Islanding
RVA061	172	'4574439_/_4577224'	4.8	9.9	10	2.73	10	10	2.02 No	2.02	Unintentional Islanding
RVA061	173	'7329280_/_7329277'	3.9	9.9	10	2.73	1.5	10	2.02 No	1.5	Element Fault
RVA061	174	'4567656_/_4567653_1'	1.6	3.3	3.33	0.91	0.5	3.33	0.67 No	0.5	Element Fault
RVA061	175	'4574422_/_4574436'	4.8	9.8	10	2.73	10	10	2.02 No	2.02	Unintentional Islanding
RVA061	176	'3681706_/_3681703'	1.23	3.23	3.33	0.91	0.5	3.33	0.67 No	0.5	Element Fault
RVA061	177	'4567669_/_4567653_2'	1.57	3.23	3.33	0.91	0.5	3.33	0.67 No	0.5	Element Fault
RVA061	178	'43538618_/_4573112'	1.23	3.23	3.33	0.91	0.5	3.33	0.67 No	0.5	Element Fault
RVA061	179	'43538629_/_4572837'	1.47	3.23	3.33	0.91	0.5	3.33	0.67 No	0.5	Element Fault
RVA061	180	'124294210_/_61593308'	1.53	3.23	3.33	0.91	1.5	3.33	0.67 No	0.67	Unintentional Islanding
RVA061	181	'4567587_/_4574419'	4.7	9.6	10	2.73	10	10	2.02 No	2.02	Unintentional Islanding
RVA061	182	'325841601_/_247589542'	1.27	3.2	3.33	0.91	0.3	3.33	0.67 No	0.3	Element Fault
RVA061	183	'4567545_/_4574402'	4.7	9.6	10	2.73	10	10	2.02 No	2.02	Unintentional Islanding
RVA061	184	'391652929_/_391652926'	1.33	3.17	3.33	0.91	0.5	3.33	0.67 No	0.5	Element Fault
RVA061	185	'336365541_/_336365533_2'	1.5	3.17	3.33	0.91	0.2	3.33	0.67 No	0.2	Element Fault
RVA061	186	'4567698_/_4567695_2'	1.53	3.17	3.33	0.91	0.5	3.33	0.67 No	0.5	Element Fault
RVA061	187	'4574371_/_4574385'	4.7	9.5	10	2.73	10	10	2.02 No	2.02	Unintentional Islanding
RVA061	188	'4567588_/_4567598_1'	1.57	3.17	3.33	0.91	0.5	3.33	0.67 No	0.5	Element Fault
RVA061	189	'4567546_/_4567556_1'	1.57	3.17	3.33	0.91	0.5	3.33	0.67 No	0.5	Element Fault
RVA061	190	'4567477_/_4574368'	4.7	9.4	10	2.73	10	10	2.02 No	2.02	Unintentional Islanding
RVA061	191	'247589523_/_325841605'	1.23	3.13	3.33	0.91	0.3	3.33	0.67 No	0.3	Element Fault
RVA061	192	'498782873_/_4567475_1'	1.53	3.1	3.33	0.91	0.5	3.33	0.67 No	0.5	Element Fault
RVA061	193	'4567435_/_4574351'	4.6	9.3	10	2.73	10	10	2.02 No	2.02	Unintentional Islanding
RVA061	194	'7328841_/_467454556_1'	1.4	3.07	3.33	0.91	0.3	3.33	0.67 No	0.3	Element Fault
RVA061	195	'7962901_/_7962899'	3.6	9.2	10	2.73	1.5	10	2.02 No	1.5	Element Fault
RVA061	196	'4567436_/_4567446_1'	1.53	3.1	3.33	0.91	0.5	3.33	0.67 No	0.5	Element Fault
RVA061	197	'4574336_/_4574334'	4.6	9.2	10	2.73	10	10	2.02 No	2.02	Unintentional Islanding
RVA061	198	'4567017_/_4567789'	1.43	3.07	3.33	0.91	0.5	3.33	0.67 No	0.5	Element Fault
RVA061	199	'43537843_/_4567776_1'	1.47	3.07	3.33	0.91	0.3	3.33	0.67 No	0.3	Element Fault
RVA061	200	'435892322_/_435892326'	3.3	9.1	10	2.73	1.6	10	2.07 No	1.6	Element Fault
RVA061	201	'4567380_/_4574453'	4.6	9.1	10	2.73	10	10	2.02 No	2.02	Unintentional Islanding
RVA061	202	'4567299_/_4567475_2'	1.5	3.03	3.33	0.91	0.5	3.33	0.67 No	0.5	Element Fault
RVA061	203	'124294211_/_61593332'	1.43	3.03	3.33	0.91	1.5	3.33	0.67 No	0.67	Unintentional Islanding
RVA061	204	'43537763_/_4567297'	1.5	3	3.33	0.91	0.5	3.33	0.67 No	0.5	Element Fault
RVA061	205	'4567312_/_43537719'	4.5	9	10	2.73	10	10	2.02 No	2.02	Unintentional Islanding
RVA061	206	'4567449_/_4567446_2'	1.5	2.97	3.33	0.91	0.5	3.33	0.67 No	0.5	Element Fault
RVA061	207	'4567934_/_4567931'	1.4	2.97	3.33	0.91	0.5	3.33	0.67 No	0.5	Element Fault
RVA061	208	'4567381_/_4567378_1'	1.5	2.97	3.33	0.91	0.5	3.33	0.67 No	0.5	Element Fault
RVA061	209	'4574234_/_4574232'	4.5	8.9	10	2.73	10	10	2.02 No	2.02	Unintentional Islanding
RVA061	210	'43537785_/_4567556_2'	1.47	2.97	3.33	0.91	0.5	3.33	0.67 No	0.5	Element Fault
RVA061	211	'467882163_/_467454802'	1.37	2.97	3.33	0.91	0.3	3.33	0.67 No	0.3	Element Fault
RVA061	212	'43537693_/_4574300'	4.5	8.9	10	2.73	10	9.99	2.02 No	2.02	Unintentional Islanding
RVA061	213	'256674732_/_4567326_1'	1.5	2.93	3.33	0.91	0.5	3.33	0.67 No	0.5	Element Fault
RVA061	214	'264857569_/_256674590_1'	1.5	2.93	3.33	0.91	0.5	3.33	0.67 No	0.5	Element Fault
RVA061	215	'4574251_/_43537695'	4.4	8.8	10	2.73	10	9.9	2.02 No	2.02	Unintentional Islanding
RVA061	216	'4567368_/_4567378_2'	1.47	2.9	3.33	0.91	0.5	3.33	0.67 No	0.5	Element Fault
RVA061	217	'417114396_/_417114415'	3	8.7	10	2.73	1.6	10	2.08 No	1.6	Element Fault
RVA061	218	'4567228_/_4574249'	4.4	8.7	10	2.73	10	9.84	2.02 No	2.02	Unintentional Islanding
RVA061	219	'4574269_/_4574266'	4.4	8.6	10	2.73	10	9.76	2.02 No	2.02	Unintentional Islanding
RVA061	220	'4567229_/_4567239_1'	1.47	2.9	3.33	0.91	0.5	3.26	0.67 No	0.5	Element Fault
RVA061	221	'149093199_/_149093205_1'	1.17	2.87	3.33	0.91	0.3	3.33	0.67 No	0.3	Element Fault
RVA061	222	'4574286_/_4574283'	4.4	8.6	10	2.73	10	9.7	2.02 No	2.02	Unintentional Islanding
RVA061	223	'435892406_/_435892451'	3.1	8.6	10	2.73	1.6	10	2.05 No	1.6	Element Fault
RVA061	224	'43539024_/_4572889'	1.27	2.83	3.33	0.91	0.5	3.33	0.67 No	0.5	Element Fault
RVA061	225	'4576296_/_4576310'	4.4	8.5	10	2.73	10	9.67	2.02 No	2.02	Unintentional Islanding
RVA061	226	'4567504_/_4567501'	1.4	2.83	3.33	0.91	0.5	3.32	0.67 No	0.5	Element Fault
RVA061	227	'4574859_/_4576293'	4.3	8.5	10	2.73	10	9.63	2.02 No	2.02	Unintentional Islanding
RVA061	228	'397080285_/_4576254_2'	1.47	2.83	3.33	0.91	0.9	3.21	0.67 No	0.67	Unintentional Islanding
RVA061	229	'4567629_/_4577546'	1.37	2.83	3.33	0.91	0.5	3.33	0.67 No	0.5	Element Fault
RVA061	230	'43537913_/_43537915'	4.3	8.5	10	2.73	10	9.58	2.02 No	2.02	Unintentional Islanding
RVA061	231	'4572840_/_43538631'	1.3	2.8	3.33	0.91	0.5	3.33	0.67 No	0.5	Element Fault
RVA061	232	'4567342_/_4567326_2'	1.43	2.8	3.33	0.91	0.5	3.25	0.67 No	0.5	Element Fault
RVA061	233	'4568082_/_4574856'	4.3	8.4	10	2.73	10	9.54	2.02 No	2.02	Unintentional Islanding
RVA061	234	'4574825_/_4574839'	4.3	8.4	10	2.73	10	9.51	2.02 No	2.02	Unintentional Islanding
RVA061	235	'4568083_/_4568093_1'	1.43	2.8	3.33	0.91	0.5	3.17	0.67 No	0.5	Element Fault
RVA061	236	'4576113_/_43537787'	1.37	2.8	3.33	0.91	0.5	3.29	0.67 No	0.5	Element Fault
RVA061	237	'4574824_/_4574822'	4.3	8.4	10	2.73	10	9.48	2.02 No	2.02	Unintentional Islanding
RVA061	238	'4567242_/_4567239_2'	1.43	2.77	3.33	0.91	0.5	3.19	0.67 No	0.5	Element Fault
RVA061	239	'4568043_/_4574890'	4.3	8.3	10	2.73	10	9.4	2.02 No	2.02	Unintentional Islanding
RVA061	240	'4567520_/_4567517'	1.37	2.77	3.33	0.91	0.5	3.25	0.67 No	0.5	Element Fault
RVA061	241	'8588169_/_8588166'	3.2	8.3	10	2.73	1.5	10	2.02 No	1.5	Element Fault
RVA061	242	'4574740_/_4574754'	4.2	8.2	10	2.73	10	9.31	2.02 No	2.02	Unintentional Islanding
RVA061	243	'4568044_/_4568054_1'	1.43	2.73	3.33	0.91	0.5	3.11	0.67 No	0.5	Element Fault
RVA061	244	'4567016_/_43537629'	1.3	2.73	3.33	0.91	0.5	3.33	0.67 No	0.5	Element Fault
RVA061	245	'723902326_/_723902342_2'	1.53	2.73	3.33	0.91	0.5	3.33	0.67 No	0.5	Element Fault

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RVA061	246	'4568014_/_4574737'	4.2	8.1	10	2.73	10	9.25	2.02 No	2.02	Unintentional Islanding
RVA061	247	'4567286_/_4567284'	1.33	2.7	3.33	0.91	0.5	3.23	0.67 No	0.5	Element Fault
RVA061	248	'43364328_/_3682083'	1.03	2.7	3.33	0.91	0.5	3.33	0.67 No	0.5	Element Fault
RVA061	249	'4568001_/_4574805'	4.2	8.1	10	2.73	10	9.18	2.02 No	2.02	Unintentional Islanding
RVA061	250	'402379750_/_467454954'	1.23	2.7	3.33	0.91	0.3	3.33	0.67 No	0.3	Element Fault
RVA061	251	'37799675_/_37799679'	1.23	2.7	3.33	0.91	0.3	3.33	0.67 No	0.3	Element Fault
RVA061	252	'402379724_/_402379721'	1.23	2.7	3.33	0.91	0.3	3.33	0.67 No	0.3	Element Fault
RVA061	253	'37799668_/_37799672'	1.23	2.7	3.33	0.91	0.3	3.33	0.67 No	0.3	Element Fault
RVA061	254	'402379756_/_37799686'	1.23	2.7	3.33	0.91	0.3	3.33	0.67 No	0.3	Element Fault
RVA061	255	'435892364_/_435892425'	2.9	8.1	10	2.73	1.6	10	2.04 No	1.6	Element Fault
RVA061	256	'43537796_/_4567598_2'	1.33	2.7	3.33	0.91	0.5	3.21	0.67 No	0.5	Element Fault
RVA061	257	'68461902_/_55642144_1'	1.4	2.7	3.33	0.91	0.2	3.07	0.67 No	0.2	Element Fault
RVA061	258	'4568015_/_4568028_1'	1.4	2.67	3.33	0.91	0.5	3.06	0.67 No	0.5	Element Fault
RVA061	259	'4567779_/_43537845'	1.3	2.67	3.33	0.91	0.3	3.23	0.67 No	0.3	Element Fault
RVA061	260	'43537900_/_43537902'	4.2	8	10	2.73	10	9.09	2.02 No	2.02	Unintentional Islanding
RVA061	261	'4567905_/_43537878_2'	1.23	2.67	3.33	0.91	0.5	3.33	0.67 No	0.5	Element Fault
RVA061	262	'4568057_/_4568054_2'	1.43	2.67	3.33	0.91	0.5	3.06	0.67 No	0.5	Element Fault
RVA061	263	'103219684_/_103219787'	0.93	2.63	3.33	0.91	0.53	3.33	0.67 No	0.53	Element Fault
RVA061	264	'43538559_/_4572999'	1.07	2.63	3.33	0.91	0.5	3.33	0.67 No	0.5	Element Fault
RVA061	265	'4574722_/_4574720'	4.1	7.9	10	2.73	10	9.02	2.02 No	2.02	Unintentional Islanding
RVA061	266	'454078099_/_454078103'	2.8	7.9	10	2.73	1.6	10	2.03 No	1.6	Element Fault
RVA061	267	'43537741_/_4567462'	1.3	2.63	3.33	0.91	0.5	3.16	0.67 No	0.5	Element Fault
RVA061	268	'4567367_/_4567365'	1.3	2.63	3.33	0.91	0.5	3.14	0.67 No	0.5	Element Fault
RVA061	269	'43537926_/_4568093_2'	1.37	2.63	3.33	0.91	0.5	3.05	0.67 No	0.5	Element Fault
RVA061	270	'4566083_/_4575245'	4.1	7.9	10	2.73	10	8.95	2.02 No	2.02	Unintentional Islanding
RVA061	271	'4574059_/_4574073'	4.1	7.8	10	2.73	10	8.9	2.02 No	2.02	Unintentional Islanding
RVA061	272	'4566084_/_4566097_1'	1.37	2.6	3.33	0.91	0.5	2.97	0.67 No	0.5	Element Fault
RVA061	273	'7643892_/_7643890_1'	1.37	2.6	3.33	0.91	0.5	2.98	0.67 No	0.5	Element Fault
RVA061	274	'43537348_/_43537350'	4.1	7.8	10	2.73	10	8.84	2.02 No	2.02	Unintentional Islanding
RVA061	275	'61593484_/_61593458'	1.23	2.57	3.33	0.91	0.5	3.16	0.67 No	0.5	Element Fault
RVA061	276	'4567406_/_4567417'	1.3	2.57	3.33	0.91	0.5	3.1	0.67 No	0.5	Element Fault
RVA061	277	'4574025_/_4574039'	4.1	7.7	10	2.73	10	8.8	2.02 No	2.02	Unintentional Islanding
RVA061	278	'321863874_/_321863884'	1.07	2.57	3.33	0.91	0.3	3.33	0.67 No	0.3	Element Fault
RVA061	279	'4574024_/_4574022'	4	7.7	10	2.73	10	8.77	2.02 No	2.02	Unintentional Islanding
RVA061	280	'574426827_/_43537798'	1.27	2.53	3.33	0.91	0.5	3.1	0.67 No	0.5	Element Fault
RVA061	281	'4567215_/_4576254_1'	1.33	2.53	3.33	0.91	0.5	3.02	0.67 No	0.5	Element Fault
RVA061	282	'43537335_/_43537337'	4	7.6	10	2.73	10	8.7	2.02 No	2.02	Unintentional Islanding
RVA061	283	'43537854_/_4567627'	1.23	2.53	3.33	0.91	0.5	3.12	0.67 No	0.5	Element Fault
RVA061	284	'8278192_/_467454745'	1.17	2.53	3.33	0.91	0.3	3.3	0.67 No	0.3	Element Fault
RVA061	285	'657851744_/_321863900'	1.03	2.53	3.33	0.91	0.3	3.33	0.67 No	0.3	Element Fault
RVA061	286	'43538902_/_4577338'	4	7.6	10	2.73	10	8.64	2.02 No	2.02	Unintentional Islanding
RVA061	287	'417114443_/_417114453'	2.6	7.6	10	2.73	1.6	10	2.04 No	1.6	Element Fault
RVA061	288	'4574008_/_4577321'	4	7.5	10	2.73	10	8.56	2.02 No	2.02	Unintentional Islanding
RVA061	289	'657851726_/_657851772'	1.03	2.5	3.33	0.91	0.3	3.33	0.67 No	0.3	Element Fault
RVA061	290	'4573991_/_4574005'	4	7.4	10	2.73	10	8.52	2.02 No	2.02	Unintentional Islanding
RVA061	291	'4553197_/_4573988'	3.9	7.4	10	2.73	10	8.48	2.02 No	2.02	Unintentional Islanding
RVA061	292	'4572905_/_4572902'	1.07	2.47	3.33	0.91	0.5	3.26	0.67 No	0.5	Element Fault
RVA061	293	'7328754_/_467454826'	1.13	2.47	3.33	0.91	0.3	3.24	0.67 No	0.3	Element Fault
RVA061	294	'657851788_/_657851816'	1	2.47	3.33	0.91	0.3	3.33	0.67 No	0.3	Element Fault
RVA061	295	'7643732_/_7643730_1'	1.3	2.47	3.33	0.91	0.5	2.82	0.67 No	0.5	Element Fault
RVA061	296	'4567574_/_4576123'	1.2	2.47	3.33	0.91	0.5	3.02	0.67 No	0.5	Element Fault
RVA061	297	'4573957_/_4573971'	3.9	7.4	10	2.73	10	8.42	2.02 No	2.02	Unintentional Islanding
RVA061	298	'723902397_/_723902413'	1.37	2.47	3.33	0.91	0.5	3.15	0.67 No	0.5	Element Fault
RVA061	299	'4568096_/_43537928'	1.3	2.43	3.33	0.91	0.5	2.92	0.67 No	0.5	Element Fault
RVA061	300	'454078141_/_454078186'	2.6	7.3	10	2.73	1.6	10	2.02 No	1.6	Element Fault
RVA061	301	'96389411_/_4573954'	3.9	7.3	10	2.73	10	8.36	2.02 No	2.02	Unintentional Islanding
RVA061	302	'4553198_/_4553208_1'	1.3	2.43	3.33	0.91	0.5	2.8	0.67 No	0.5	Element Fault
RVA061	303	'88889574_/_107818701'	3.9	7.3	10	2.73	10	8.34	2.02 No	2.02	Unintentional Islanding
RVA061	304	'4566100_/_4566097_2'	1.3	2.43	3.33	0.91	0.5	2.84	0.67 No	0.5	Element Fault
RVA061	305	'723902501_/_723902445_1'	1.27	2.27	3.33	0.91	0.5	3.12	0.67 No	0.5	Element Fault
RVA061	306	'4573923_/_88889583'	3.9	7.2	10	2.73	10	8.29	2.02 No	2.02	Unintentional Islanding
RVA061	307	'43537752_/_4567530'	1.2	2.4	3.33	0.91	0.5	2.97	0.67 No	0.5	Element Fault
RVA061	308	'4567255_/_4567252'	1.23	2.4	3.33	0.91	0.5	2.92	0.67 No	0.5	Element Fault
RVA061	309	'4573835_/_4573920'	3.9	7.2	10	2.73	10	8.24	2.02 No	2.02	Unintentional Islanding
RVA061	310	'4553168_/_4573832'	3.8	7.1	10	2.73	10	8.2	2.02 No	2.02	Unintentional Islanding
RVA061	311	'107818735_/_96387438_2'	1.3	2.37	3.33	0.91	1.4	2.75	0.67 No	0.67	Unintentional Islanding
RVA061	312	'43537808_/_574426831'	1.17	2.37	3.33	0.91	0.5	2.95	0.67 No	0.5	Element Fault
RVA061	313	'43537289_/_4573815'	3.8	7.1	10	2.73	10	8.16	2.02 No	2.02	Unintentional Islanding
RVA061	314	'37813068_/_9222398'	2.8	7.1	10	2.73	1.5	10	2.02 No	1.5	Element Fault
RVA061	315	'4573801_/_4573852'	3.8	7.1	10	2.73	10	8.1	2.02 No	2.02	Unintentional Islanding
RVA061	316	'4567465_/_43537743'	1.17	2.37	3.33	0.91	0.5	2.94	0.67 No	0.5	Element Fault
RVA061	317	'4568070_/_4568067'	1.43	2.33	3.33	0.91	0.5	2.84	0.67 No	0.5	Element Fault
RVA061	318	'61593489_/_61593486'	1.13	2.33	3.33	0.91	0.5	2.96	0.67 No	0.5	Element Fault
RVA061	319	'43537313_/_4566472'	1.3	2.33	3.33	0.91	1.6	2.72	0.67 No	0.67	Unintentional Islanding
RVA061	320	'4573800_/_4573798'	3.8	7	10	2.73	10	8.06	2.02 No	2.02	Unintentional Islanding
RVA061	321	'4567613_/_4567640'	1.13	2.33	3.33	0.91	0.5	2.95	0.67 No	0.5	Element Fault
RVA061	322	'4553211_/_4553208_2'	1.3	2.33	3.33	0.91	0.5	2.73	0.67 No	0.5	Element Fault
RVA061	323	'43538915_/_43538917'	3.8	7	10	2.73	10	8.01	2.02 No	2.02	Unintentional Islanding
RVA061	324	'43537730_/_4567404'	1.17	2.33	3.33	0.91	0.5	2.9	0.67 No	0.5	Element Fault
RVA061	325	'4573784_/_4577355'	3.8	6.9	10	2.73	10	7.96	2.02 No	2.02	Unintentional Islanding
RVA061	326	'96389434_/_96387669_2'	1.27	2.3	3.33	0.91	1.4	2.67	0.67 No	0.67	Unintentional Islanding
RVA061	327	'413769894_/_413769827_2'	1.3	2.3	3.33	0.91	1.4	2.69	0.67 No	0.67	Unintentional Islanding
RVA061	328	'4577462_/_4577472'	1.13	2.3	3.33	0.91	0.5	2.9	0.67 No	0.5	Element Fault
RVA061	329	'43537937_/_4568028_2'	1.2	2.3	3.33	0.91	0.5	2.77	0.67 No	0.5	Element Fault
RVA061	330	'4573767_/_4573781'	3.8	6.9	10	2.73	10	7.92	2.02 No	2.02	Unintentional Islanding
RVA061	331	'55883418_/_467454711'	1.07	2.3	3.33	0.91	0.3	3.08	0.67 No	0.3	Element Fault
RVA061	332	'4573750_/_4573764'	3.7	6.8	10	2.73	10	7.88	2.02 No	2.02	Unintentional Islanding
RVA061	333	'454078057_/_454078160'	2.5	6.8	10	2.73	1.6	10	2.02 No	1.6	Element Fault
RVA061	334	'723902429_/_723902513_1'	1.27	2.27	3.33	0.91	0.5	3	0.67 No	0.5	Element Fault
RVA061	335	'4573733_/_4573747'	3.7	6.8	10	2.73	10	7.83	2.02 No	2.02	Unintentional Islanding
RVA061	336	'7643717_/_7962535_1'	1.23	2.27	3.33	0.91	0.5	2.62	0.67 No	0.5	Element Fault
RVA061	337	'4573131_/_4573128'	1	2.27	3.33	0.91	0.5	3.04	0.67 No	0.5	Element Fault
RVA061	338	'4573716_/_4573730'	3.7	6.8	10	2.73	10	7.79	2.02 No	2.02	Unintentional Islanding
RVA061	339	'156625720_/_657851792'	0.93	2.27	3.33	0.91	0.3	3.22	0.67 No	0.3	Element Fault

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RVA061	340	'55883498_/467454857'		1.03	2.27	3.33	0.91	0.3	3.04	0.67 No	0.3 Element Fault
RVA061	341	'4573699_/4573713'		3.7	6.7	10	2.73	10	7.75	2.02 No	2.02 Unintentional Islanding
RVA061	342	'4566113_/4566110'		1.23	2.23	3.33	0.91	0.5	2.7	0.67 No	0.5 Element Fault
RVA061	343	'4573682_/4573696'		3.7	6.7	10	2.73	10	7.71	2.02 No	2.02 Unintentional Islanding
RVA061	344	'7643940_/7643938_1'		1	2.27	3.33	0.91	0.3	3.01	0.67 No	0.3 Element Fault
RVA061	345	'8587882_/256674590_2'		1.13	2.23	3.33	0.91	0.5	2.81	0.67 No	0.5 Element Fault
RVA061	346	'55883383_/467454681'		1.03	2.23	3.33	0.91	0.3	3	0.67 No	0.3 Element Fault
RVA061	347	'43537276_/4573679'		3.7	6.7	10	2.73	10	7.67	2.02 No	2.02 Unintentional Islanding
RVA061	348	'4567575_/4567572'		1.1	2.2	3.33	0.91	0.5	2.81	0.67 No	0.5 Element Fault
RVA061	349	'7643733_/7643730_2'		1.23	2.2	3.33	0.91	0.5	2.65	0.67 No	0.5 Element Fault
RVA061	350	'4577449_/4577459'		1.1	2.2	3.33	0.91	0.5	2.82	0.67 No	0.5 Element Fault
RVA061	351	'4573608_/4574107'		3.7	6.6	10	2.73	10	7.62	2.02 No	2.02 Unintentional Islanding
RVA061	352	'3681719_/43364330'		0.83	2.2	3.33	0.91	0.5	3.24	0.67 No	0.5 Element Fault
RVA061	353	'7643701_/391326730_1'		1.23	2.2	3.33	0.91	0.5	2.53	0.67 No	0.5 Element Fault
RVA061	354	'4573607_/4573605'		3.7	6.6	10	2.73	10	7.58	2.02 No	2.02 Unintentional Islanding
RVA061	355	'4573238_/43538642'		0.97	2.2	3.33	0.91	0.5	2.97	0.67 No	0.5 Element Fault
RVA061	356	'4573871_/4573869'		3.7	6.5	10	2.73	10	7.54	2.02 No	2.02 Unintentional Islanding
RVA061	357	'4573002_/43538561'		0.9	2.17	3.33	0.91	0.5	3.11	0.67 No	0.5 Element Fault
RVA061	358	'68923559_/7514010_1'		1.23	2.17	3.33	0.91	0.5	2.52	0.67 No	0.5 Element Fault
RVA061	359	'4573591_/4573886'		3.6	6.5	10	2.73	10	7.5	2.02 No	2.02 Unintentional Islanding
RVA061	360	'4573590_/4573588'		3.6	6.5	10	2.73	10	7.47	2.02 No	2.02 Unintentional Islanding
RVA061	361	'4567614_/4567611'		1.03	2.17	3.33	0.91	0.5	2.78	0.67 No	0.5 Element Fault
RVA061	362	'8233532_/411572806_1'		1.2	2.17	3.33	0.91	0.5	2.49	0.67 No	0.5 Element Fault
RVA061	363	'4573628_/4573625'		3.6	6.4	10	2.73	10	7.43	2.02 No	2.02 Unintentional Islanding
RVA061	364	'43537250_/4576059'		3.6	6.4	10	2.73	10	7.41	2.02 No	2.02 Unintentional Islanding
RVA061	365	'157895070_/157895067'		3.6	6.4	10	2.73	10	7.41	2.02 No	2.02 Unintentional Islanding
RVA061	366	'4567533_/43537754'		1.07	2.13	3.33	0.91	0.5	2.73	0.67 No	0.5 Element Fault
RVA061	367	'505170714_/505170746_2'		0.77	2.13	3.33	0.91	0.5	3.21	0.67 No	0.5 Element Fault
RVA061	368	'4576044_/4576042'		3.6	6.4	10	2.73	10	7.37	2.02 No	2.02 Unintentional Islanding
RVA061	369	'4576215_/4576280'		1.37	2.13	3.33	0.91	0.5	2.66	0.67 No	0.5 Element Fault
RVA061	370	'4567407_/43537732'		1.07	2.1	3.33	0.91	0.5	2.72	0.67 No	0.5 Element Fault
RVA061	371	'157895089_/157895086'		3.6	6.3	10	2.73	10	7.34	2.02 No	2.02 Unintentional Islanding
RVA061	372	'241702490_/241699684_1'		1.2	2.1	3.33	0.91	0.5	2.46	0.67 No	0.5 Element Fault
RVA061	373	'4573571_/123294832'		3.6	6.3	10	2.73	10	7.33	2.02 No	2.02 Unintentional Islanding
RVA061	374	'4573554_/4573568'		3.6	6.3	10	2.73	10	7.3	2.02 No	2.02 Unintentional Islanding
RVA061	375	'7643893_/7643890_2'		1.1	2.1	3.33	0.91	0.5	2.61	0.67 No	0.5 Element Fault
RVA061	376	'157895108_/157895105'		3.6	6.3	10	2.73	10	7.27	2.02 No	2.02 Unintentional Islanding
RVA061	377	'4573537_/4573551'		3.5	6.3	10	2.73	10	7.26	2.02 No	2.02 Unintentional Islanding
RVA061	378	'4567986_/43537810'		1.03	2.1	3.33	0.91	0.5	2.69	0.67 No	0.5 Element Fault
RVA061	379	'43537361_/4566123'		1.13	2.1	3.33	0.91	0.5	2.57	0.67 No	0.5 Element Fault
RVA061	380	'4566042_/4566039'		1.3	2.07	3.33	0.91	0.5	2.54	0.67 No	0.5 Element Fault
RVA061	381	'157895127_/157895124'		3.6	6.2	10	2.73	10	7.2	2.02 No	2.02 Unintentional Islanding
RVA061	382	'43537263_/4573534'		3.5	6.2	10	2.73	10	7.2	2.02 No	2.02 Unintentional Islanding
RVA061	383	'142342041_/142342003_2'		3.5	6.2	10	2.73	10	7.17	2.02 No	2.02 Unintentional Islanding
RVA061	384	'142341999_/142342003_1'		3.5	6.2	10	2.73	10	7.17	2.02 No	2.02 Unintentional Islanding
RVA061	385	'43537682_/4567213'		1.07	2.07	3.33	0.91	0.5	2.65	0.67 No	0.5 Element Fault
RVA061	386	'4553140_/4574090'		3.5	6.2	10	2.73	10	7.15	2.02 No	2.02 Unintentional Islanding
RVA061	387	'410413531_/411572817_1'		1.17	2.07	3.33	0.91	0.5	2.4	0.67 No	0.5 Element Fault
RVA061	388	'157895146_/157895143'		3.5	6.2	10	2.73	10	7.14	2.02 No	2.02 Unintentional Islanding
RVA061	389	'4573144_/4573141'		0.9	2.07	3.33	0.91	0.5	2.82	0.67 No	0.5 Element Fault
RVA061	390	'156625751_/156625781'		0.83	2.03	3.33	0.91	0.3	2.98	0.67 No	0.3 Element Fault
RVA061	391	'43537774_/4577488'		1	2.03	3.33	0.91	0.5	2.67	0.67 No	0.5 Element Fault
RVA061	392	'212003006_/212002948_2'		1.17	2.07	3.33	0.91	1.6	2.37	0.67 No	0.67 Unintentional Islanding
RVA061	393	'4576653_/4576651'		3.5	6.1	10	2.73	10	7.11	2.02 No	2.02 Unintentional Islanding
RVA061	394	'211414917_/241699684_2'		1.2	2.03	3.33	0.91	0.5	2.4	0.67 No	0.5 Element Fault
RVA061	395	'388535232_/359180797_1'		3.5	6.1	10	2.73	1.6	7.09	2.02 No	1.6 Element Fault
RVA061	396	'157895165_/157895162'		3.5	6.1	10	2.73	10	7.07	2.02 No	2.02 Unintentional Islanding
RVA061	397	'4577409_/4577423'		3.5	6.1	10	2.73	10	7.07	2.02 No	2.02 Unintentional Islanding
RVA061	398	'123294712_/8278350_1'		3.5	6.1	10	2.73	10	7.05	2.02 No	2.02 Unintentional Islanding
RVA061	399	'241699630_/211414996_1'		1.2	2	3.33	0.91	0.3	2.38	0.67 No	0.3 Element Fault
RVA061	400	'96387643_/96387669_1'		1.27	2	3.33	0.91	0.5	2.46	0.67 No	0.5 Element Fault
RVA061	401	'157895184_/157895181'		3.5	6	10	2.73	10	7.01	2.02 No	2.02 Unintentional Islanding
RVA061	402	'43538928_/4577406'		3.4	6	10	2.73	10	7.02	2.02 No	2.02 Unintentional Islanding
RVA061	403	'449984732_/449984736'		2.2	6	10	2.73	1.6	9.17	2.02 No	1.6 Element Fault
RVA061	404	'4566068_/4566065'		1.3	2	3.33	0.91	0.5	2.48	0.67 No	0.5 Element Fault
RVA061	405	'4568031_/43537939'		1.03	2	3.33	0.91	0.5	2.52	0.67 No	0.5 Element Fault
RVA061	406	'157895203_/157895200'		3.5	6	10	2.73	10	6.95	2.02 No	2.02 Unintentional Islanding
RVA061	407	'4573520_/4577389'		3.4	6	10	2.73	10	6.96	2.02 No	2.02 Unintentional Islanding
RVA061	408	'154704465_/157895674_1'		3.5	6	10	2.73	3.6	6.93	2.02 No	2.02 Unintentional Islanding
RVA061	409	'157895536_/157895533'		3.5	6	10	2.73	10	6.91	2.02 No	2.02 Unintentional Islanding
RVA061	410	'7962458_/8587668_1'		1.13	2	3.33	0.91	0.5	2.31	0.67 No	0.5 Element Fault
RVA061	411	'154704483_/157091519_1'		3.5	6	10	2.73	10	6.9	2.02 No	2.02 Unintentional Islanding
RVA061	412	'4573503_/4573517'		3.4	5.9	10	2.73	10	6.93	2.02 No	2.02 Unintentional Islanding
RVA061	413	'9222645_/467454817'		0.9	1.97	3.33	0.91	0.3	2.75	0.67 No	0.3 Element Fault
RVA061	414	'4553139_/4553137'		1.17	1.97	3.33	0.91	1.6	2.31	0.67 No	0.67 Unintentional Islanding
RVA061	415	'4573486_/4573500'		3.3	5.9	10	2.73	10	6.89	2.02 No	2.02 Unintentional Islanding
RVA061	416	'96387427_/96387438_1'		1.3	1.97	3.33	0.91	0.5	2.44	0.67 No	0.5 Element Fault
RVA061	417	'43536671_/43536673'		3.3	5.9	10	2.73	10	6.86	2.02 No	2.02 Unintentional Islanding
RVA061	418	'53801834_/7514010_2'		1.13	1.97	3.33	0.91	0.5	2.36	0.67 No	0.5 Element Fault
RVA061	419	'7962521_/8588294_2'		1.17	1.97	3.33	0.91	1.6	2.3	0.67 No	0.67 Unintentional Islanding
RVA061	420	'4574147_/212002948_1'		1.17	1.97	3.33	0.91	1.1	2.3	0.67 No	0.67 Unintentional Islanding
RVA061	421	'8907364_/9536438_2'		1.17	1.93	3.33	0.91	1.6	2.3	0.67 No	0.67 Unintentional Islanding
RVA061	422	'157091481_/157091519_2'		3.4	5.8	10	2.73	10	6.82	2.02 No	2.02 Unintentional Islanding
RVA061	423	'76649105_/68923643_2'		3.3	5.8	10	2.73	10	6.81	2.02 No	2.02 Unintentional Islanding
RVA061	424	'8587834_/9221906_2'		1.17	1.93	3.33	0.91	1.1	2.29	0.67 No	0.67 Unintentional Islanding
RVA061	425	'43537819_/43537821'		0.93	1.93	3.33	0.91	0.5	2.56	0.67 No	0.5 Element Fault
RVA061	426	'43537373_/43537363'		1.03	1.93	3.33	0.91	0.5	2.43	0.67 No	0.5 Element Fault
RVA061	427	'4577491_/43537776'		0.93	1.9	3.33	0.91	0.5	2.53	0.67 No	0.5 Element Fault
RVA061	428	'4577448_/4577446'		0.93	1.9	3.33	0.91	0.5	2.54	0.67 No	0.5 Element Fault
RVA061	429	'449984774_/449984793'		2	5.7	10	2.73	1.6	8.72	2.02 No	1.6 Element Fault
RVA061	430	'4567973_/4576212'		1.23	1.9	3.33	0.91	0.5	2.46	0.67 No	0.5 Element Fault
RVA061	431	'7962990_/411572817_2'		1.07	1.9	3.33	0.91	0.5	2.28	0.67 No	0.5 Element Fault
RVA061	432	'7962554_/413769827_1'		1.07	1.9	3.33	0.91	0.5	2.38	0.67 No	0.5 Element Fault
RVA061	433	'7328577_/7962535_2'		1.23	1.87	3.33	0.91	0.5	2.33	0.67 No	0.5 Element Fault

Feeder Name	Feeder ID	Node	Primary Over- Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RVA061	434	'7912267_/7963151'	1.03	1.87	3.33	0.91	0.5	2.38	0.67 No	0.5	Element Fault
RVA061	435	'55642090_/55642144_2'	1	1.87	3.33	0.91	0.2	2.44	0.67 No	0.2	Element Fault
RVA061	436	'72551436_/8588342'	0.97	1.87	3.33	0.91	0.5	2.42	0.67 No	0.5	Element Fault
RVA061	437	'40372922_/211414996_2'	1.2	1.87	3.33	0.91	0.3	2.27	0.67 No	0.3	Element Fault
RVA061	438	'7644218_/391326730_2'	1.23	1.87	3.33	0.91	0.5	2.3	0.67 No	0.5	Element Fault
RVA061	439	'43537324_/4566052'	1.3	1.87	3.33	0.91	0.5	2.37	0.67 No	0.5	Element Fault
RVA061	440	'8907460_/9221906_1'	1.13	1.87	3.33	0.91	0.8	2.24	0.67 No	0.67	Unintentional Islanding
RVA061	441	'4573160_/4573157'	0.8	1.87	3.33	0.91	0.5	2.6	0.67 No	0.5	Element Fault
RVA061	442	'7962705_/467454666'	0.87	1.87	3.33	0.91	0.3	2.62	0.67 No	0.3	Element Fault
RVA061	443	'37799493_/359180797_2'	3.1	5.5	10	2.73	1.6	6.65	2.02 No	1.6	Element Fault
RVA061	444	'7643941_/7643938_2'	0.8	1.83	3.33	0.91	0.3	2.6	0.67 No	0.3	Element Fault
RVA061	445	'4567190_/43537684'	0.93	1.83	3.33	0.91	0.5	2.44	0.67 No	0.5	Element Fault
RVA061	446	'7962989_/411572806_2'	1	1.8	3.33	0.91	0.5	2.24	0.67 No	0.5	Element Fault
RVA061	447	'157895639_/157895674_2'	3.2	5.4	10	2.73	3.6	6.53	2.02 No	2.02	Unintentional Islanding
RVA061	448	'43538795_/4576225'	1.17	1.8	3.33	0.91	0.5	2.37	0.67 No	0.5	Element Fault
RVA061	449	'449984690_/449984819'	1.9	5.4	10	2.73	1.6	8.32	2.02 No	1.6	Element Fault
RVA061	450	'154005022_/154005064'	1.27	3.53	6.67	1.82	1.07	5.56	1.34 No	1.07	Element Fault
RVA061	451	'4566139_/43537375'	0.97	1.8	3.33	0.91	0.5	2.3	0.67 No	0.5	Element Fault
RVA061	452	'154005059_/103219593'	1.9	5.3	10	2.73	1.6	8.2	2.02 No	1.6	Element Fault
RVA061	453	'4578462_/4578460'	0.83	1.77	3.33	0.91	0.5	2.38	0.67 No	0.5	Element Fault
RVA061	454	'40983849_/44099811'	1.2	1.73	3.33	0.91	0.3	2.18	0.67 No	0.3	Element Fault
RVA061	455	'4573173_/4573170'	0.77	1.73	3.33	0.91	0.5	2.44	0.67 No	0.5	Element Fault
RVA061	456	'44106440_/50929935'	1.2	1.73	3.33	0.91	0.3	2.16	0.67 No	0.3	Element Fault
RVA061	457	'4576228_/43538797'	1.1	1.73	3.33	0.91	0.5	2.29	0.67 No	0.5	Element Fault
RVA061	458	'4566055_/43537326'	1.17	1.7	3.33	0.91	0.5	2.21	0.67 No	0.5	Element Fault
RVA061	459	'43538952_/43538954'	0.83	1.7	3.33	0.91	0.5	2.35	0.67 No	0.5	Element Fault
RVA061	460	'96387608_/96387654'	1.17	1.7	3.33	0.91	0.5	2.19	0.67 No	0.5	Element Fault
RVA061	461	'8587671_/8587668_2'	1	1.7	3.33	0.91	0.5	2.09	0.67 No	0.5	Element Fault
RVA061	462	'7643993_/8588294_1'	1	1.67	3.33	0.91	0.5	2.09	0.67 No	0.5	Element Fault
RVA061	463	'4567176_/4567970'	1.1	1.67	3.33	0.91	0.5	2.26	0.67 No	0.5	Element Fault
RVA061	464	'379188566_/360817085'	2.2	3.8	10	2.73	1.6	6.26	2.02 No	1.6	Element Fault
RVA061	465	'7912268_/7912265'	0.93	1.63	3.33	0.91	0.5	2.18	0.67 No	0.5	Element Fault
RVA061	466	'4568111_/4567200'	0.87	1.63	3.33	0.91	0.5	2.27	0.67 No	0.5	Element Fault
RVA061	467	'96387468_/96387479'	1.13	1.63	3.33	0.91	0.5	2.17	0.67 No	0.5	Element Fault
RVA061	468	'51701023_/51701002'	1.2	1.63	3.33	0.91	0.3	2.09	0.67 No	0.3	Element Fault
RVA061	469	'8588281_/8907457'	1	1.63	3.33	0.91	0.8	2.06	0.67 No	0.67	Unintentional Islanding
RVA061	470	'8907348_/9536438_1'	0.97	1.63	3.33	0.91	0.5	2.05	0.67 No	0.5	Element Fault
RVA061	471	'4573186_/4573183'	0.7	1.63	3.33	0.91	0.5	2.32	0.67 No	0.5	Element Fault
RVA061	472	'7963005_/7963003'	0.83	1.6	3.33	0.91	0.5	2.17	0.67 No	0.5	Element Fault
RVA061	473	'43537638_/4567174'	1.03	1.6	3.33	0.91	0.5	2.18	0.67 No	0.5	Element Fault
RVA061	474	'53801870_/53801877'	0.93	1.57	3.33	0.91	0.5	2.05	0.67 No	0.5	Element Fault
RVA061	475	'8421740_/8278350_2'	2.9	4.7	10	2.73	10	5.93	2.02 No	2.02	Unintentional Islanding
RVA061	476	'4573199_/4573196'	0.67	1.53	3.33	0.91	0.5	2.24	0.67 No	0.5	Element Fault
RVA061	477	'7962754_/7962767_1'	0.67	1.53	3.33	0.91	0.3	2.22	0.67 No	0.3	Element Fault
RVA061	478	'7329129_/467454591'	0.7	1.53	3.33	0.91	0.3	2.25	0.67 No	0.3	Element Fault
RVA061	479	'9221829_/413769838'	0.87	1.53	3.33	0.91	0.5	2.05	0.67 No	0.5	Element Fault
RVA061	480	'4567177_/43537640'	1	1.53	3.33	0.91	0.5	2.1	0.67 No	0.5	Element Fault
RVA061	481	'7328578_/7328575'	1.1	1.5	3.33	0.91	0.5	2.01	0.67 No	0.5	Element Fault
RVA061	482	'37799556_/157091487'	2.7	4.5	10	2.73	10	5.73	2.02 No	2.02	Unintentional Islanding
RVA061	483	'402403238_/37799553'	2.7	4.5	10	2.73	10	5.73	2.02 No	2.02	Unintentional Islanding
RVA061	484	'37799584_/37799581'	2.7	4.5	10	2.73	2.7	5.73	2.02 No	2.02	Unintentional Islanding
RVA061	485	'37799535_/37799539'	2.7	4.5	10	2.73	10	5.73	2.02 No	2.02	Unintentional Islanding
RVA061	486	'37799570_/37799567'	2.7	4.5	10	2.73	2.4	5.73	2.02 No	2.02	Unintentional Islanding
RVA061	487	'37800025_/157895646'	2.7	4.5	10	2.73	3.6	5.82	2.02 No	2.02	Unintentional Islanding
RVA061	488	'37800032_/37800029'	2.7	4.5	10	2.73	3.6	5.82	2.02 No	2.02	Unintentional Islanding
RVA061	489	'37800067_/37800064'	0.9	1.5	3.33	0.91	1.2	1.94	0.67 No	0.67	Unintentional Islanding
RVA061	490	'37800053_/37800057'	2.7	4.5	10	2.73	3.6	5.82	2.02 No	2.02	Unintentional Islanding
RVA061	491	'37800039_/37800036'	2.7	4.5	10	2.73	3.6	5.82	2.02 No	2.02	Unintentional Islanding
RVA061	492	'7644442_/8588512'	0.9	1.5	3.33	0.91	0.5	1.94	0.67 No	0.5	Element Fault
RVA061	493	'96387573_/96387619'	1.03	1.5	3.33	0.91	0.5	2.01	0.67 No	0.5	Element Fault
RVA061	494	'4568112_/4568109'	0.77	1.5	3.33	0.91	0.5	2.1	0.67 No	0.5	Element Fault
RVA061	495	'53801901_/53801908'	0.87	1.5	3.33	0.91	0.5	1.97	0.67 No	0.5	Element Fault
RVA061	496	'7643748_/9221842'	0.83	1.47	3.33	0.91	0.5	2.01	0.67 No	0.5	Element Fault
RVA061	497	'7643992_/7643990'	0.87	1.47	3.33	0.91	0.5	1.92	0.67 No	0.5	Element Fault
RVA061	498	'9064094_/9380416_2'	2.7	4.4	10	2.73	10	5.68	2.02 No	2.02	Unintentional Islanding
RVA061	499	'4579839_/9380416_1'	2.7	4.4	10	2.73	10	5.67	2.02 No	2.02	Unintentional Islanding
RVA061	500	'7644219_/347478181'	1.07	1.47	3.33	0.91	0.5	1.95	0.67 No	0.5	Element Fault
RVA061	501	'4579840_/4579837'	2.7	4.4	10	2.73	10	5.65	2.02 No	2.02	Unintentional Islanding
RVA061	502	'7483524_/9689046_1'	2.7	4.4	10	2.73	10	5.65	2.02 No	2.02	Unintentional Islanding
RVA061	503	'4567148_/4567957'	0.93	1.47	3.33	0.91	0.5	2.03	0.67 No	0.5	Element Fault
RVA061	504	'4579891_/4579905'	2.7	4.4	10	2.73	10	5.64	2.02 No	2.02	Unintentional Islanding
RVA061	505	'37813124_/7644280'	2.6	4.4	10	2.73	2.7	5.59	2.02 No	2.02	Unintentional Islanding
RVA061	506	'37813103_/37813128'	2.6	4.4	10	2.73	2.7	5.59	2.02 No	2.02	Unintentional Islanding
RVA061	507	'37813138_/37813135'	2.6	4.4	10	2.73	2.7	5.59	2.02 No	2.02	Unintentional Islanding
RVA061	508	'37813110_/37813107'	2.6	4.4	10	2.73	2.7	5.59	2.02 No	2.02	Unintentional Islanding
RVA061	509	'37813096_/37813100'	2.6	4.4	10	2.73	2.7	5.59	2.02 No	2.02	Unintentional Islanding
RVA061	510	'7962957_/9222486'	0.87	1.47	3.33	0.91	1.2	1.89	0.67 No	0.67	Unintentional Islanding
RVA061	511	'7487017_/9536910_1'	2.7	4.4	10	2.73	1.6	5.63	2.02 No	1.6	Element Fault
RVA061	512	'4577519_/4577517'	0.7	1.43	3.33	0.91	0.5	2.08	0.67 No	0.5	Element Fault
RVA061	513	'96387503_/96387514'	1	1.43	3.33	0.91	0.5	1.97	0.67 No	0.5	Element Fault
RVA061	514	'4579199_/4579888'	2.7	4.3	10	2.73	10	5.59	2.02 No	2.02	Unintentional Islanding
RVA061	515	'8588704_/9536910_2'	2.7	4.3	10	2.73	1.6	5.59	2.02 No	1.6	Element Fault
RVA061	516	'475940554_/8588310'	1.03	1.43	3.33	0.91	0.5	1.94	0.67 No	0.5	Element Fault
RVA061	517	'51701048_/51701055'	1.07	1.43	3.33	0.91	0.3	1.91	0.67 No	0.3	Element Fault
RVA061	518	'747202224_/4580873_2'	0.9	1.43	3.33	0.91	1.5	1.86	0.67 No	0.67	Unintentional Islanding
RVA061	519	'43537959_/4568125'	0.73	1.43	3.33	0.91	0.5	2.03	0.67 No	0.5	Element Fault
RVA061	520	'7644706_/8588702'	2.7	4.3	10	2.73	1.6	5.57	2.02 No	1.6	Element Fault
RVA061	521	'4579822_/4579820'	2.7	4.3	10	2.73	10	5.55	2.02 No	2.02	Unintentional Islanding
RVA061	522	'114863524_/9536122_2'	0.73	1.43	3.33	0.91	0.5	2.02	0.67 No	0.5	Element Fault
RVA061	523	'7644707_/7644704'	2.7	4.3	10	2.73	1.6	5.56	2.02 No	1.6	Element Fault
RVA061	524	'7912394_/8420338_1'	2.7	4.3	10	2.73	1.6	5.53	2.02 No	1.6	Element Fault
RVA061	525	'4579857_/4579871'	2.6	4.3	10	2.73	10	5.51	2.02 No	2.02	Unintentional Islanding
RVA061	526	'8588209_/9222418'	2.6	4.3	10	2.73	2.4	5.49	2.02 No	2.02	Unintentional Islanding
RVA061	527	'39432754_/9689046_2'	2.6	4.3	10	2.73	10	5.52	2.02 No	2.02	Unintentional Islanding

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RVA061	528	'404715640_/68018835'		2.6	4.3	10	2.73	10	5.52	2.02 No	2.02 Unintentional Islanding
RVA061	529	'39432776_/69868549'		2.6	4.3	10	2.73	10	5.52	2.02 No	2.02 Unintentional Islanding
RVA061	530	'50173957_/68018861'		2.2	3.7	10	2.73	10	5.52	2.02 No	2.02 Unintentional Islanding
RVA061	531	'50171369_/38001410'		2.6	4.3	10	2.73	5	5.52	2.02 No	2.02 Unintentional Islanding
RVA061	532	'4573211_/4573248'		0.63	1.4	3.33	0.91	0.5	2.07	0.67 No	0.5 Element Fault
RVA061	533	'4567766_/4567763'		0.73	1.4	3.33	0.91	0.5	2.03	0.67 No	0.5 Element Fault
RVA061	534	'7329161_/7963019'		2.6	4.2	10	2.73	2.7	5.48	2.02 No	2.02 Unintentional Islanding
RVA061	535	'43539193_/43539195'		2.6	4.2	10	2.73	10	5.48	2.02 No	2.02 Unintentional Islanding
RVA061	536	'51701079_/51701086'		1.03	1.4	3.33	0.91	0.3	1.88	0.67 No	0.3 Element Fault
RVA061	537	'9641632_/53801927'		0.83	1.4	3.33	0.91	0.5	1.9	0.67 No	0.5 Element Fault
RVA061	538	'8278923_/8278920'		2.6	4.2	10	2.73	1.6	5.5	2.02 No	1.6 Element Fault
RVA061	539	'8588280_/8588278'		0.87	1.4	3.33	0.91	0.8	1.86	0.67 No	0.67 Unintentional Islanding
RVA061	540	'4567135_/4567145'		0.9	1.4	3.33	0.91	0.5	1.97	0.67 No	0.5 Element Fault
RVA061	541	'73211002_/7469707_2'		2.6	4.2	10	2.73	10	5.48	2.02 No	2.02 Unintentional Islanding
RVA061	542	'4578538_/7083641'		2.6	4.2	10	2.73	10	5.44	2.02 No	2.02 Unintentional Islanding
RVA061	543	'90917714_/7469707_1'		2.6	4.2	10	2.73	10	5.46	2.02 No	2.02 Unintentional Islanding
RVA061	544	'90917715_/77539118'		2.6	4.2	10	2.73	10	5.46	2.02 No	2.02 Unintentional Islanding
RVA061	545	'379188711_/362490598'		1.2	2	6.67	1.82	1.07	3.73	1.34 No	1.07 Element Fault
RVA061	546	'43538985_/43538987'		2.6	4.2	10	2.73	10	5.41	2.02 No	2.02 Unintentional Islanding
RVA061	547	'90917677_/77539087'		2.6	4.2	10	2.73	10	5.43	2.02 No	2.02 Unintentional Islanding
RVA061	548	'4579928_/77539060_1'		2.6	4.2	10	2.73	10	5.43	2.02 No	2.02 Unintentional Islanding
RVA061	549	'4580456_/4580454_1'		0.87	1.4	3.33	0.91	0.5	1.8	0.67 No	0.5 Element Fault
RVA061	550	'8427490_/8427488'		2.5	4.2	10	2.73	5	5.44	2.02 No	2.02 Unintentional Islanding
RVA061	551	'90311510_/77539060_2'		2.6	4.2	10	2.73	10	5.42	2.02 No	2.02 Unintentional Islanding
RVA061	552	'7912466_/7912463_1'		0.87	1.4	3.33	0.91	0.5	1.81	0.67 No	0.5 Element Fault
RVA061	553	'90917867_/77539033'		2.6	4.1	10	2.73	10	5.4	2.02 No	2.02 Unintentional Islanding
RVA061	554	'43536556_/7083593'		0.87	1.37	3.33	0.91	1.6	1.8	0.67 No	0.67 Unintentional Islanding
RVA061	555	'4513236_/7083196'		2.6	4.1	10	2.73	10	5.37	2.02 No	2.02 Unintentional Islanding
RVA061	556	'73210897_/77539006'		2.6	4.1	10	2.73	10	5.39	2.02 No	2.02 Unintentional Islanding
RVA061	557	'73210826_/118111066_1'		2.4	3.8	10	2.73	1.5	5.39	2.02 No	1.5 Element Fault
RVA061	558	'4575513_/7962879_1'		2.5	4.1	10	2.73	3.6	5.47	2.02 No	2.02 Unintentional Islanding
RVA061	559	'43539345_/4580454_2'		0.87	1.37	3.33	0.91	0.5	1.79	0.67 No	0.5 Element Fault
RVA061	560	'7329232_/7644440'		0.83	1.37	3.33	0.91	0.5	1.83	0.67 No	0.5 Element Fault
RVA061	561	'3681777_/3681774'		0.53	1.37	3.33	0.91	0.5	2.16	0.67 No	0.5 Element Fault
RVA061	562	'8907744_/8907741'		0.57	1.37	3.33	0.91	0.3	2.12	0.67 No	0.3 Element Fault
RVA061	563	'73210880_/7963167_2'		2.6	4.1	10	2.73	5.4	5.37	2.02 No	2.02 Unintentional Islanding
RVA061	564	'77538928_/77538952'		2.6	4.1	10	2.73	10	5.37	2.02 No	2.02 Unintentional Islanding
RVA061	565	'43538708_/7962879_2'		2.5	4.1	10	2.73	3.6	5.46	2.02 No	2.02 Unintentional Islanding
RVA061	566	'4513235_/4513233'		2.5	4.1	10	2.73	10	5.35	2.02 No	2.02 Unintentional Islanding
RVA061	567	'90917820_/77538925'		2.6	4.1	10	2.73	10	5.35	2.02 No	2.02 Unintentional Islanding
RVA061	568	'86116875_/77539191_2'		0.87	1.37	3.33	0.91	1.5	1.78	0.67 No	0.67 Unintentional Islanding
RVA061	569	'4511295_/4513213'		2.5	4.1	10	2.73	10	5.32	2.02 No	2.02 Unintentional Islanding
RVA061	570	'4549003_/4549001_1'		0.83	1.37	3.33	0.91	0.5	1.77	0.67 No	0.5 Element Fault
RVA061	571	'73210646_/77538898'		2.6	4.1	10	2.73	10	5.32	2.02 No	2.02 Unintentional Islanding
RVA061	572	'43536545_/4578536'		0.87	1.37	3.33	0.91	1.6	1.77	0.67 No	0.67 Unintentional Islanding
RVA061	573	'73210667_/4580127_2'		0.87	1.37	3.33	0.91	1.6	1.77	0.67 No	0.67 Unintentional Islanding
RVA061	574	'4494831_/4511292'		2.5	4.1	10	2.73	10	5.29	2.02 No	2.02 Unintentional Islanding
RVA061	575	'61217196_/66119017'		0.8	1.37	3.33	0.91	1.2	1.8	0.67 No	0.67 Unintentional Islanding
RVA061	576	'96387538_/96387584'		0.93	1.37	3.33	0.91	0.5	1.87	0.67 No	0.5 Element Fault
RVA061	577	'397080130_/397080092'		0.7	1.37	3.33	0.91	0.5	1.95	0.67 No	0.5 Element Fault
RVA061	578	'90917896_/77538571'		2.6	4.1	10	2.73	10	5.29	2.02 No	2.02 Unintentional Islanding
RVA061	579	'4580876_/4580873_1'		0.9	1.37	3.33	0.91	0.5	1.78	0.67 No	0.5 Element Fault
RVA061	580	'77539231_/77539191_1'		0.87	1.37	3.33	0.91	0.5	1.77	0.67 No	0.5 Element Fault
RVA061	581	'37799941_/9536502'		2.5	4.1	10	2.73	10	5.28	2.02 No	2.02 Unintentional Islanding
RVA061	582	'402380007_/37799945'		2.5	4.1	10	2.73	10	5.28	2.02 No	2.02 Unintentional Islanding
RVA061	583	'37799955_/37799952'		2.5	4.1	10	2.73	2.4	5.28	2.02 No	2.02 Unintentional Islanding
RVA061	584	'37799920_/37799917'		2.5	4.1	10	2.73	10	5.28	2.02 No	2.02 Unintentional Islanding
RVA061	585	'37799906_/37799910'		2.5	4.1	10	2.73	2.5	5.28	2.02 No	2.02 Unintentional Islanding
RVA061	586	'7329130_/467454606'		0.63	1.37	3.33	0.91	0.3	2.02	0.67 No	0.3 Element Fault
RVA061	587	'4494811_/4511275'		2.5	4	10	2.73	10	5.26	2.02 No	2.02 Unintentional Islanding
RVA061	588	'77538520_/77538544'		2.6	4	10	2.73	10	5.26	2.02 No	2.02 Unintentional Islanding
RVA061	589	'4494832_/4494845_1'		0.83	1.33	3.33	0.91	0.5	1.75	0.67 No	0.5 Element Fault
RVA061	590	'4575404_/9536370'		2.4	4	10	2.73	2.4	5.29	2.02 No	2.02 Unintentional Islanding
RVA061	591	'7083596_/43536558'		0.87	1.33	3.33	0.91	0.5	1.76	0.67 No	0.5 Element Fault
RVA061	592	'7329162_/7329159'		1.67	2.67	6.67	1.82	1.8	3.56	1.34 No	1.34 Unintentional Islanding
RVA061	593	'9221812_/413769849'		0.77	1.33	3.33	0.91	0.5	1.86	0.67 No	0.5 Element Fault
RVA061	594	'73210327_/77538517'		2.5	4	10	2.73	10	5.23	2.02 No	2.02 Unintentional Islanding
RVA061	595	'73210573_/8431038_1'		0.87	1.33	3.33	0.91	0.5	1.75	0.67 No	0.5 Element Fault
RVA061	596	'43537706_/4567158'		0.87	1.33	3.33	0.91	0.5	1.9	0.67 No	0.5 Element Fault
RVA061	597	'53801951_/53801958'		0.8	1.33	3.33	0.91	0.5	1.83	0.67 No	0.5 Element Fault
RVA061	598	'7329098_/9536406'		0.8	1.33	3.33	0.91	0.8	1.79	0.67 No	0.67 Unintentional Islanding
RVA061	599	'7643749_/7643746'		0.73	1.33	3.33	0.91	0.5	1.87	0.67 No	0.5 Element Fault
RVA061	600	'57801574_/7790491'		2.5	4	10	2.73	2.7	5.28	2.02 No	2.02 Unintentional Islanding
RVA061	601	'43537649_/4567132'		0.87	1.33	3.33	0.91	0.5	1.89	0.67 No	0.5 Element Fault
RVA061	602	'4579577_/77538490'		2.5	4	10	2.73	10	5.21	2.02 No	2.02 Unintentional Islanding
RVA061	603	'4538844_/4538858'		2.5	4	10	2.73	10	5.22	2.02 No	2.02 Unintentional Islanding
RVA061	604	'4579302_/4580127_1'		0.87	1.33	3.33	0.91	0.8	1.75	0.67 No	0.67 Unintentional Islanding
RVA061	605	'37799983_/7328967'		2.4	4	10	2.73	3.6	5.34	2.02 No	2.02 Unintentional Islanding
RVA061	606	'37799990_/37799987'		2.4	4	10	2.73	3.6	5.34	2.02 No	2.02 Unintentional Islanding
RVA061	607	'73210376_/9536878_2'		0.83	1.33	3.33	0.91	1.8	1.74	0.67 No	0.67 Unintentional Islanding
RVA061	608	'37800011_/37800015'		2.4	4	10	2.73	3.6	5.34	2.02 No	2.02 Unintentional Islanding
RVA061	609	'402380093_/402380090'		2.4	4	10	2.73	3.6	5.34	2.02 No	2.02 Unintentional Islanding
RVA061	610	'37799997_/37799994'		2.4	4	10	2.73	3.6	5.34	2.02 No	2.02 Unintentional Islanding
RVA061	611	'4580402_/77538239'		2.5	4	10	2.73	10	5.19	2.02 No	2.02 Unintentional Islanding
RVA061	612	'62529421_/62529424'		2.4	4	10	2.73	2.7	5.24	2.02 No	2.02 Unintentional Islanding
RVA061	613	'8420309_/8905499'		0.83	1.33	3.33	0.91	1.8	1.73	0.67 No	0.67 Unintentional Islanding
RVA061	614	'8278943_/8588912'		2.5	4	10	2.73	1.6	5.28	2.02 No	1.6 Element Fault
RVA061	615	'4538827_/4538841'		2.5	4	10	2.73	10	5.18	2.02 No	2.02 Unintentional Islanding
RVA061	616	'8420341_/8420338_2'		2.5	4	10	2.73	1.6	5.26	2.02 No	1.6 Element Fault
RVA061	617	'4494848_/4494845_2'		0.83	1.33	3.33	0.91	0.5	1.73	0.67 No	0.5 Element Fault
RVA061	618	'4575514_/43538710'		2.4	4	10	2.73	3.6	5.32	2.02 No	2.02 Unintentional Islanding
RVA061	619	'4580420_/77538205'		2.5	4	10	2.73	10	5.16	2.02 No	2.02 Unintentional Islanding
RVA061	620	'8907347_/8907345'		0.8	1.33	3.33	0.91	0.5	1.78	0.67 No	0.5 Element Fault
RVA061	621	'4578539_/43536547'		0.87	1.33	3.33	0.91	0.5	1.74	0.67 No	0.5 Element Fault

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RVA061	622	'4545552_/_4549001_2'	0.83	1.33	3.33	0.91	0.5	1.73	0.67 No	0.5 Element Fault	
RVA061	623	'8428340_/_8117250_1'	0.8	1.33	3.33	0.91	0.3	1.77	0.67 No	0.3 Element Fault	
RVA061	624	'418889593_/_8425434_2'	0.8	1.33	3.33	0.91	1.2	1.77	0.67 No	0.67 Unintentional Islanding	
RVA061	625	'4494609_/_4538824'	2.4	4	10	2.73	10	5.16	2.02 No	2.02 Unintentional Islanding	
RVA061	626	'4511244_/_4511258'	2.4	4	10	2.73	10	5.15	2.02 No	2.02 Unintentional Islanding	
RVA061	627	'77538280_/_77538168'	2.5	3.9	10	2.73	10	5.13	2.02 No	2.02 Unintentional Islanding	
RVA061	628	'73210156_/_7963207_1'	2.5	3.9	10	2.73	1.5	5.14	2.02 No	1.5 Element Fault	
RVA061	629	'4511227_/_4511241'	2.4	3.9	10	2.73	10	5.14	2.02 No	2.02 Unintentional Islanding	
RVA061	630	'43528912_/_4494809'	2.4	3.9	10	2.73	4.7	5.17	2.02 No	2.02 Unintentional Islanding	
RVA061	631	'4494608_/_4538801_2'	2.4	4	10	2.73	4.7	5.13	2.02 No	2.02 Unintentional Islanding	
RVA061	632	'4580011_/_77538137'	2.5	3.9	10	2.73	10	5.11	2.02 No	2.02 Unintentional Islanding	
RVA061	633	'4579711_/_4579724_2'	0.83	1.3	3.33	0.91	1.1	1.7	0.67 No	0.67 Unintentional Islanding	
RVA061	634	'4573212_/_4573209'	0.57	1.3	3.33	0.91	0.5	1.93	0.67 No	0.5 Element Fault	
RVA061	635	'37813383_/_8109542'	2.4	3.9	10	2.73	2.5	5.16	2.02 No	2.02 Unintentional Islanding	
RVA061	636	'37813376_/_37813380'	2.4	3.9	10	2.73	2.5	5.16	2.02 No	2.02 Unintentional Islanding	
RVA061	637	'37813369_/_37813373'	2.4	3.9	10	2.73	2.5	5.16	2.02 No	2.02 Unintentional Islanding	
RVA061	638	'37813411_/_37813408'	2.4	3.9	10	2.73	1.2	5.16	2.02 No	1.2 Element Fault	
RVA061	639	'37813397_/_37813401'	2.4	3.9	10	2.73	1.2	5.16	2.02 No	1.2 Element Fault	
RVA061	640	'4577536_/_4577533'	0.63	1.3	3.33	0.91	0.5	1.92	0.67 No	0.5 Element Fault	
RVA061	641	'37800081_/_8233410'	2.4	3.9	10	2.73	2.4	5.16	2.02 No	2.02 Unintentional Islanding	
RVA061	642	'37812970_/_37812967'	2.4	3.9	10	2.73	2.4	5.16	2.02 No	2.02 Unintentional Islanding	
RVA061	643	'402402695_/_402402692'	2.4	3.9	10	2.73	2.4	5.16	2.02 No	2.02 Unintentional Islanding	
RVA061	644	'37812991_/_37812988'	2.4	3.9	10	2.73	2.4	5.16	2.02 No	2.02 Unintentional Islanding	
RVA061	645	'37812977_/_37812981'	2.4	3.9	10	2.73	2.4	5.16	2.02 No	2.02 Unintentional Islanding	
RVA061	646	'4580235_/_77537936'	2.5	3.9	10	2.73	10	5.09	2.02 No	2.02 Unintentional Islanding	
RVA061	647	'4575268_/_4575265'	0.67	1.3	3.33	0.91	0.5	1.9	0.67 No	0.5 Element Fault	
RVA061	648	'4511210_/_4511224'	2.4	3.9	10	2.73	10	5.11	2.02 No	2.02 Unintentional Islanding	
RVA061	649	'77537840_/_77537872'	2.5	3.9	10	2.73	10	5.07	2.02 No	2.02 Unintentional Islanding	
RVA061	650	'8233547_/_8233544'	1.7	2.8	10	2.73	2.4	5.16	2.02 No	1.7 Primary Over-Voltage	
RVA061	651	'4511193_/_4511207'	2.4	3.9	10	2.73	10	5.08	2.02 No	2.02 Unintentional Islanding	
RVA061	652	'8277917_/_8277914'	0.83	1.3	3.33	0.91	0.5	1.71	0.67 No	0.5 Element Fault	
RVA061	653	'8588443_/_8588440'	1.7	2.8	10	2.73	2.4	5.15	2.02 No	1.7 Primary Over-Voltage	
RVA061	654	'57801643_/_57801650'	2.4	3.9	10	2.73	2.7	5.15	2.02 No	2.02 Unintentional Islanding	
RVA061	655	'90918076_/_77537837'	2.5	3.9	10	2.73	10	5.04	2.02 No	2.02 Unintentional Islanding	
RVA061	656	'7329097_/_7329095'	0.8	1.3	3.33	0.91	0.8	1.75	0.67 No	0.67 Unintentional Islanding	
RVA061	657	'77537812_/_77537810'	2.4	3.9	10	2.73	10	5.03	2.02 No	2.02 Unintentional Islanding	
RVA061	658	'9536124_/_9536122_1'	0.67	1.3	3.33	0.91	0.3	1.87	0.67 No	0.3 Element Fault	
RVA061	659	'116072354_/_8421454'	2.4	2.9	10	2.73	5	5.16	2.02 No	2.02 Unintentional Islanding	
RVA061	660	'88830285_/_8908269_2'	2.5	3.9	10	2.73	5.5	5.03	2.02 No	2.02 Unintentional Islanding	
RVA061	661	'260358135_/_260358154'	0.9	1.3	3.33	0.91	0.5	1.81	0.67 No	0.5 Element Fault	
RVA061	662	'7329263_/_8907949'	2.4	3.9	10	2.73	2.4	5.1	2.02 No	2.02 Unintentional Islanding	
RVA061	663	'4580299_/_4580313_1'	0.8	1.3	3.33	0.91	0.5	1.68	0.67 No	0.5 Element Fault	
RVA061	664	'73211145_/_7963167_1'	2.4	3.9	10	2.73	1.6	5.13	2.02 No	1.6 Element Fault	
RVA061	665	'43528864_/_4511190'	2.4	3.9	10	2.73	10	5.04	2.02 No	2.02 Unintentional Islanding	
RVA061	666	'43534068_/_4545550'	0.8	1.3	3.33	0.91	0.5	1.7	0.67 No	0.5 Element Fault	
RVA061	667	'9536092_/_9536090'	0.67	1.3	3.33	0.91	0.5	1.83	0.67 No	0.5 Element Fault	
RVA061	668	'4573225_/_4573222'	0.57	1.3	3.33	0.91	0.5	1.9	0.67 No	0.5 Element Fault	
RVA061	669	'229717612_/_4580266_1'	2.4	3.9	10	2.73	1.5	5.01	2.02 No	1.5 Element Fault	
RVA061	670	'4494812_/_43528914'	2.4	3.8	10	2.73	1.5	5.08	2.02 No	1.5 Element Fault	
RVA061	671	'7912465_/_7912463_2'	0.87	1.27	3.33	0.91	0.5	1.71	0.67 No	0.5 Element Fault	
RVA061	672	'4576011_/_4576008'	2.3	3.8	10	2.73	3.6	5.19	2.02 No	2.02 Unintentional Islanding	
RVA061	673	'155953516_/_155953552'	0.47	1.27	3.33	0.91	0.53	2.01	0.67 No	0.47 Primary Over-Voltage	
RVA061	674	'4579286_/_4579299'	0.87	1.27	3.33	0.91	0.8	1.69	0.67 No	0.67 Unintentional Islanding	
RVA061	675	'4538803_/_4538801_1'	2.4	3.8	10	2.73	1.5	5.05	2.02 No	1.5 Element Fault	
RVA061	676	'7329831_/_8278940'	2.4	3.8	10	2.73	1.6	5.14	2.02 No	1.6 Element Fault	
RVA061	677	'53801982_/_53801989'	0.77	1.27	3.33	0.91	0.5	1.76	0.67 No	0.5 Element Fault	
RVA061	678	'4510935_/_4511173'	2.4	3.8	10	2.73	10	5.01	2.02 No	2.02 Unintentional Islanding	
RVA061	679	'7329832_/_7329829'	2.4	3.8	10	2.73	1.6	5.14	2.02 No	1.6 Element Fault	
RVA061	680	'7329812_/_9537106'	2.4	3.8	10	2.73	1.6	5.13	2.02 No	1.6 Element Fault	
RVA061	681	'414033959_/_7963207_2'	2.4	3.8	10	2.73	1.5	5.02	2.02 No	1.5 Element Fault	
RVA061	682	'7329145_/_8588426'	0.8	1.27	3.33	0.91	1.2	1.72	0.67 No	0.67 Unintentional Islanding	
RVA061	683	'9222973_/_9536878_1'	0.83	1.27	3.33	0.91	0.5	1.68	0.67 No	0.5 Element Fault	
RVA061	684	'397080135_/_397080132'	0.67	1.27	3.33	0.91	0.5	1.85	0.67 No	0.5 Element Fault	
RVA061	685	'18111099_/_9222950'	2.4	3.8	10	2.73	1.6	5.08	2.02 No	1.6 Element Fault	
RVA061	686	'4510918_/_4510932'	2.3	3.8	10	2.73	10	4.97	2.02 No	2.02 Unintentional Islanding	
RVA061	687	'118111058_/_118111134'	2.4	3.8	10	2.73	1.6	5.07	2.02 No	1.6 Element Fault	
RVA061	688	'43537660_/_43537662'	0.83	1.27	3.33	0.91	0.5	1.8	0.67 No	0.5 Element Fault	
RVA061	689	'229717591_/_4580266_2'	2.4	3.8	10	2.73	1.5	4.95	2.02 No	1.5 Element Fault	
RVA061	690	'4580063_/_4580060'	2.4	3.8	10	2.73	4.9	4.98	2.02 No	2.02 Unintentional Islanding	
RVA061	691	'43528076_/_4510915'	2.3	3.8	10	2.73	10	4.95	2.02 No	2.02 Unintentional Islanding	
RVA061	692	'43539171_/_43539347'	0.87	1.27	3.33	0.91	0.5	1.68	0.67 No	0.5 Element Fault	
RVA061	693	'62529491_/_62529498'	2.3	3.8	10	2.73	2.7	5.04	2.02 No	2.02 Unintentional Islanding	
RVA061	694	'77539392_/_4580080_1'	2.4	3.8	10	2.73	2.5	4.96	2.02 No	2.02 Unintentional Islanding	
RVA061	695	'57801607_/_57801671'	2.3	3.8	10	2.73	2.7	5.04	2.02 No	2.02 Unintentional Islanding	
RVA061	696	'7329811_/_7329809'	2.4	3.8	10	2.73	1.6	5.07	2.02 No	1.6 Element Fault	
RVA061	697	'9372560_/_9380624'	2.3	3.8	10	2.73	10	4.98	2.02 No	2.02 Unintentional Islanding	
RVA061	698	'4537364_/_4537362'	2.3	3.8	10	2.73	10	4.93	2.02 No	2.02 Unintentional Islanding	
RVA061	699	'37799479_/_37799483'	0.7	1.27	3.33	0.91	0.53	1.33	0.67 No	0.53 Element Fault	
RVA061	700	'4545553_/_43534070'	0.77	1.27	3.33	0.91	0.5	1.66	0.67 No	0.5 Element Fault	
RVA061	701	'37799507_/_37799511'	0.73	1.23	3.33	0.91	0.53	1.33	0.67 No	0.53 Element Fault	
RVA061	702	'37799521_/_37799518'	0.73	1.23	3.33	0.91	0.53	1.33	0.67 No	0.53 Element Fault	
RVA061	703	'4579260_/_4579270'	0.87	1.27	3.33	0.91	0.8	1.66	0.67 No	0.67 Unintentional Islanding	
RVA061	704	'4580316_/_4580313_2'	0.8	1.27	3.33	0.91	0.5	1.65	0.67 No	0.5 Element Fault	
RVA061	705	'4537381_/_4537756'	2.3	3.7	10	2.73	10	4.9	2.02 No	2.02 Unintentional Islanding	
RVA061	706	'7082554_/_7082551'	0.83	1.23	3.33	0.91	0.5	1.66	0.67 No	0.5 Element Fault	
RVA061	707	'4576028_/_4576025'	2.3	3.7	10	2.73	3.6	5.08	2.02 No	2.02 Unintentional Islanding	
RVA061	708	'4537382_/_4537379'	2.3	3.7	10	2.73	10	4.88	2.02 No	2.02 Unintentional Islanding	
RVA061	709	'4567161_/_43537708'	0.8	1.23	3.33	0.91	0.5	1.79	0.67 No	0.5 Element Fault	
RVA061	710	'37799486_/_37799490'	0.73	1.23	3.33	0.91	0.53	1.32	0.67 No	0.53 Element Fault	
RVA061	711	'8588360_/_8907853'	0.77	1.23	3.33	0.91	0.8	1.7	0.67 No	0.67 Unintentional Islanding	
RVA061	712	'8278547_/_8117250_2'	0.77	1.23	3.33	0.91	0.3	1.69	0.67 No	0.3 Element Fault	
RVA061	713	'4562731_/_7083176'	2.3	3.7	10	2.73	10	4.87	2.02 No	2.02 Unintentional Islanding	
RVA061	714	'4579471_/_4579481'	0.87	1.23	3.33	0.91	0.8	1.65	0.67 No	0.67 Unintentional Islanding	
RVA061	715	'9222540_/_9536470_2'	0.77	1.23	3.33	0.91	1.2	1.69	0.67 No	0.67 Unintentional Islanding	

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RVA061	716	'4537013_/4537396'		2.3	3.7	10	2.73	10	4.86	2.02 No	2.02 Unintentional Islanding
RVA061	717	'49933578_/7328279_1'		0.77	1.23	3.33	0.91	0.5	1.62	0.67 No	0.5 Element Fault
RVA061	718	'76445401_/9372558'		2.2	3.7	10	2.73	10	4.91	2.02 No	2.02 Unintentional Islanding
RVA061	719	'4539732_/4539730_1'		0.77	1.23	3.33	0.91	0.5	1.62	0.67 No	0.5 Element Fault
RVA061	720	'43534797_/43534799'		2.3	3.7	10	2.73	10	4.84	2.02 No	2.02 Unintentional Islanding
RVA061	721	'4537416_/4537413'		2.3	3.7	10	2.73	10	4.84	2.02 No	2.02 Unintentional Islanding
RVA061	722	'39986966_/475940577_1'		0.53	0.7	3.33	0.91	0.5	1.72	0.67 No	0.5 Element Fault
RVA061	723	'4562190_/4562187_2'		2.3	3.7	10	2.73	10	4.84	2.02 No	2.02 Unintentional Islanding
RVA061	724	'414034005_/414034059'		2.3	3.7	10	2.73	1.5	4.9	2.02 No	1.5 Element Fault
RVA061	725	'8908271_/8908269_1'		2.3	3.7	10	2.73	1.6	4.86	2.02 No	1.6 Element Fault
RVA061	726	'7329146_/7329143'		0.8	1.23	3.33	0.91	1.2	1.67	0.67 No	0.67 Unintentional Islanding
RVA061	727	'4537014_/4537024_1'		0.77	1.23	3.33	0.91	0.5	1.61	0.67 No	0.5 Element Fault
RVA061	728	'4579315_/4579312'		0.87	1.23	3.33	0.91	0.8	1.64	0.67 No	0.67 Unintentional Islanding
RVA061	729	'61217219_/61217226'		0.73	1.23	3.33	0.91	1.2	1.67	0.67 No	0.67 Unintentional Islanding
RVA061	730	'9222573_/9222570'		2.3	3.7	10	2.73	1.6	4.96	2.02 No	1.6 Element Fault
RVA061	731	'7644459_/8588358'		0.73	1.23	3.33	0.91	0.8	1.68	0.67 No	0.67 Unintentional Islanding
RVA061	732	'53802013_/53802020'		0.73	1.23	3.33	0.91	0.5	1.7	0.67 No	0.5 Element Fault
RVA061	733	'7963210_/414034009'		2.3	3.7	10	2.73	1.5	4.88	2.02 No	1.5 Element Fault
RVA061	734	'4537433_/4537430'		2.3	3.7	10	2.73	10	4.81	2.02 No	2.02 Unintentional Islanding
RVA061	735	'8588376_/8588374_1'		1.8	2.9	10	2.73	1.6	4.95	2.02 No	1.6 Element Fault
RVA061	736	'3681793_/3681790'		0.47	1.2	3.33	0.91	0.5	1.93	0.67 No	0.47 Primary Over-Voltage
RVA061	737	'4537450_/4537447'		2.2	3.6	10	2.73	10	4.78	2.02 No	2.02 Unintentional Islanding
RVA061	738	'8420308_/8420306'		0.77	1.2	3.33	0.91	0.5	1.62	0.67 No	0.5 Element Fault
RVA061	739	'7912022_/7912019'		2.3	3.6	10	2.73	1.5	4.88	2.02 No	1.5 Element Fault
RVA061	740	'66563741_/66563744'		2.2	3.6	10	2.73	2.7	4.91	2.02 No	2.02 Unintentional Islanding
RVA061	741	'4579247_/4579257'		0.87	1.2	3.33	0.91	0.8	1.62	0.67 No	0.67 Unintentional Islanding
RVA061	742	'8278016_/231075378'		0.67	1.2	3.33	0.91	0.5	1.72	0.67 No	0.5 Element Fault
RVA061	743	'4545566_/7082590'		2.2	3.6	10	2.73	1.5	4.84	2.02 No	1.5 Element Fault
RVA061	744	'212003034_/211415036_1'		0.7	1.2	3.33	0.91	0.5	1.69	0.67 No	0.5 Element Fault
RVA061	745	'45328536_/4537464'		2.2	3.6	10	2.73	10	4.75	2.02 No	2.02 Unintentional Islanding
RVA061	746	'7962346_/7962343'		0.77	1.2	3.33	0.91	0.5	1.63	0.67 No	0.5 Element Fault
RVA061	747	'4537027_/4537024_2'		0.77	1.2	3.33	0.91	0.5	1.59	0.67 No	0.5 Element Fault
RVA061	748	'7962770_/7962767_2'		0.53	1.2	3.33	0.91	0.3	1.81	0.67 No	0.3 Element Fault
RVA061	749	'4536429_/4539730_2'		0.77	1.2	3.33	0.91	0.5	1.59	0.67 No	0.5 Element Fault
RVA061	750	'43539274_/43539276'		2.3	3.6	10	2.73	4.7	4.77	2.02 No	2.02 Unintentional Islanding
RVA061	751	'260358251_/96387549'		0.83	1.2	3.33	0.91	0.5	1.7	0.67 No	0.5 Element Fault
RVA061	752	'8278737_/9222970'		0.77	1.2	3.33	0.91	0.5	1.61	0.67 No	0.5 Element Fault
RVA061	753	'66563841_/66563844'		1.47	2.4	6.67	1.82	1.8	3.18	1.34 No	1.34 Unintentional Islanding
RVA061	754	'7328562_/9536154'		0.7	1.2	3.33	0.91	0.5	1.65	0.67 No	0.5 Element Fault
RVA061	755	'150176395_/77038946_3'		2.3	3.6	10	2.73	4.7	4.77	2.02 No	2.02 Unintentional Islanding
RVA061	756	'4579246_/4579244'		0.87	1.2	3.33	0.91	0.8	1.61	0.67 No	0.67 Unintentional Islanding
RVA061	757	'4537484_/4537481'		2.2	3.6	10	2.73	10	4.71	2.02 No	2.02 Unintentional Islanding
RVA061	758	'62529454_/62529511'		2.2	3.6	10	2.73	2.7	4.85	2.02 No	2.02 Unintentional Islanding
RVA061	759	'43537671_/43537673'		0.77	1.2	3.33	0.91	0.5	1.72	0.67 No	0.5 Element Fault
RVA061	760	'43538998_/4576330'		2.2	3.6	10	2.73	3.6	4.93	2.02 No	2.02 Unintentional Islanding
RVA061	761	'4579726_/4579724_1'		0.83	1.2	3.33	0.91	0.5	1.59	0.67 No	0.5 Element Fault
RVA061	762	'555657172_/453219861'		0.67	1.2	3.33	0.91	0.5	1.7	0.67 No	0.5 Element Fault
RVA061	763	'37813585_/37813583'		2.2	2.6	10	2.73	1.6	4.75	2.02 No	1.6 Element Fault
RVA061	764	'7328664_/360817059'		0.7	1.2	3.33	0.91	0.53	1.29	0.67 No	0.53 Element Fault
RVA061	765	'7644251_/467454621'		0.53	1.2	3.33	0.91	0.3	1.81	0.67 No	0.3 Element Fault
RVA061	766	'4580028_/4580080_2'		2.3	3.6	10	2.73	2.5	4.77	2.02 No	2.02 Unintentional Islanding
RVA061	767	'37813578_/9223056'		2.2	2.6	10	2.73	1.6	4.74	2.02 No	1.6 Element Fault
RVA061	768	'37813551_/37813576'		2.2	2.6	10	2.73	1.6	4.74	2.02 No	1.6 Element Fault
RVA061	769	'38111439_/8425434_1'		0.73	1.2	3.33	0.91	0.3	1.63	0.67 No	0.3 Element Fault
RVA061	770	'4537501_/4537498'		2.2	3.6	10	2.73	10	4.68	2.02 No	2.02 Unintentional Islanding
RVA061	771	'7644055_/8233264'		1.13	1.73	6.67	1.82	1.6	3.22	1.34 No	1.13 Primary Over-Voltage
RVA061	772	'4579458_/4579468'		0.87	1.17	3.33	0.91	0.8	1.59	0.67 No	0.67 Unintentional Islanding
RVA061	773	'7644091_/7644420'		1.7	2.6	10	2.73	2.4	4.78	2.02 No	1.7 Primary Over-Voltage
RVA061	774	'447869834_/8431038_2'		0.87	1.17	3.33	0.91	0.5	1.6	0.67 No	0.5 Element Fault
RVA061	775	'4537040_/4537037'		0.77	1.17	3.33	0.91	0.5	1.57	0.67 No	0.5 Element Fault
RVA061	776	'116072398_/116072427'		2.2	2.9	10	2.73	5	4.83	2.02 No	2.02 Unintentional Islanding
RVA061	777	'43528549_/4537515'		2.2	3.5	10	2.73	10	4.65	2.02 No	2.02 Unintentional Islanding
RVA061	778	'7963189_/9640187'		1.7	2.8	10	2.73	2.4	4.8	2.02 No	1.7 Primary Over-Voltage
RVA061	779	'7644851_/51044061'		2.2	2.6	10	2.73	1.6	4.7	2.02 No	1.6 Element Fault
RVA061	780	'156856284_/4537532_1'		2.2	3.5	10	2.73	10	4.63	2.02 No	2.02 Unintentional Islanding
RVA061	781	'7329515_/8908165'		0.77	1.17	3.33	0.91	0.4	1.59	0.67 No	0.4 Element Fault
RVA061	782	'4545565_/4545563'		2.2	3.5	10	2.73	1.5	4.73	2.02 No	1.5 Element Fault
RVA061	783	'43539182_/4579181'		0.87	1.17	3.33	0.91	0.5	1.59	0.67 No	0.5 Element Fault
RVA061	784	'37799850_/7329007'		2.1	3.5	10	2.73	2.4	4.75	2.02 No	2.02 Unintentional Islanding
RVA061	785	'37799367_/37799364'		1.6	2.6	10	2.73	1.2	4.75	2.02 No	1.2 Element Fault
RVA061	786	'37799836_/37799840'		1.6	2.6	10	2.73	1.2	4.75	2.02 No	1.2 Element Fault
RVA061	787	'4536430_/4536427'		0.77	1.17	3.33	0.91	0.5	1.55	0.67 No	0.5 Element Fault
RVA061	788	'7644090_/7644088'		1.13	1.73	6.67	1.82	1.6	3.09	1.34 No	1.13 Primary Over-Voltage
RVA061	789	'7328282_/7328279_2'		0.77	1.17	3.33	0.91	0.5	1.55	0.67 No	0.5 Element Fault
RVA061	790	'4579552_/4579562'		2.2	3.5	10	2.73	1.5	4.66	2.02 No	1.5 Element Fault
RVA061	791	'4576350_/4576347'		2.1	3.5	10	2.73	3.6	4.82	2.02 No	2.02 Unintentional Islanding
RVA061	792	'133584519_/133584476_1'		2.2	3.5	10	2.73	0.9	4.65	2.02 No	0.9 Element Fault
RVA061	793	'447869912_/447869948'		0.87	1.17	3.33	0.91	0.5	1.57	0.67 No	0.5 Element Fault
RVA061	794	'4579340_/4579338'		0.87	1.17	3.33	0.91	0.8	1.56	0.67 No	0.67 Unintentional Islanding
RVA061	795	'8587655_/360817038'		0.7	1.17	3.33	0.91	0.53	1.27	0.67 No	0.53 Element Fault
RVA061	796	'62529309_/62529312'		2.1	3.5	10	2.73	2.7	4.73	2.02 No	2.02 Unintentional Islanding
RVA061	797	'569577628_/497553349_1'		0.87	1.17	3.33	0.91	0.5	1.56	0.67 No	0.5 Element Fault
RVA061	798	'7329703_/8908289'		0.8	1.13	3.33	0.91	0.4	1.57	0.67 No	0.4 Element Fault
RVA061	799	'7644235_/391326671'		0.83	1.13	3.33	0.91	0.5	1.63	0.67 No	0.5 Element Fault
RVA061	800	'7328594_/8278030'		0.63	1.13	3.33	0.91	0.5	1.66	0.67 No	0.5 Element Fault
RVA061	801	'4579445_/4579455'		0.87	1.13	3.33	0.91	0.8	1.56	0.67 No	0.67 Unintentional Islanding
RVA061	802	'8587591_/8587588'		0.73	1.13	3.33	0.91	0.5	1.57	0.67 No	0.5 Element Fault
RVA061	803	'43539321_/4580026'		2.2	3.4	10	2.73	2.5	4.65	2.02 No	2.02 Unintentional Islanding
RVA061	804	'4579328_/4579325'		0.87	1.13	3.33	0.91	0.8	1.56	0.67 No	0.67 Unintentional Islanding
RVA061	805	'8278563_/8278560'		0.7	1.13	3.33	0.91	0.3	1.59	0.67 No	0.3 Element Fault
RVA061	806	'8233267_/9536254'		1.7	2.6	10	2.73	2.4	4.68	2.02 No	1.7 Primary Over-Voltage
RVA061	807	'7912481_/7963187'		1.7	2.8	10	2.73	2.4	4.7	2.02 No	1.7 Primary Over-Voltage
RVA061	808	'4579539_/4579549'		0.73	1.13	3.33	0.91	0.5	1.53	0.67 No	0.5 Element Fault
RVA061	809	'37813194_/7329317'		2	3.4	10	2.73	3.6	4.75	2.02 No	2 Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage	Regulator	Thermal	Unintentional Islanding	Hosting Capacity		
				Deviation	Deviation	Discharging		Element Fault	Breaker Reach	VSR (MW)
RVA061	810	'76631526_/37813191'	2	3.4	10	2.73	3.6	4.75	2.02 No	2 Primary Over-Voltage
RVA061	811	'7644850_/51044088'	2.2	2.6	10	2.73	1.6	4.6	2.02 No	1.6 Element Fault
RVA061	812	'37813180_/37813184'	2	3.4	10	2.73	3.6	4.75	2.02 No	2 Primary Over-Voltage
RVA061	813	'37813166_/37813163'	2	3.4	10	2.73	3.6	4.75	2.02 No	2 Primary Over-Voltage
RVA061	814	'37813152_/37813156'	2	3.4	10	2.73	3.6	4.75	2.02 No	2 Primary Over-Voltage
RVA061	815	'61217242_/61217249'	0.67	1.13	3.33	0.91	1.2	1.58	0.67 No	0.67 Primary Over-Voltage
RVA061	816	'7644458_/7644456'	0.7	1.13	3.33	0.91	0.8	1.59	0.67 No	0.67 Unintentional Islanding
RVA061	817	'7644267_/7644264'	0.8	1.13	3.33	0.91	1.2	1.58	0.67 No	0.67 Unintentional Islanding
RVA061	818	'7476684_/7912479'	1.13	1.87	6.67	1.82	1.6	3.05	1.34 No	1.13 Primary Over-Voltage
RVA061	819	'7328561_/9536170_1'	0.67	1.13	3.33	0.91	0.5	1.58	0.67 No	0.5 Element Fault
RVA061	820	'4567105_/4567103'	0.73	1.13	3.33	0.91	0.5	1.64	0.67 No	0.5 Element Fault
RVA061	821	'4579432_/4579442'	0.87	1.13	3.33	0.91	0.8	1.54	0.67 No	0.67 Unintentional Islanding
RVA061	822	'39476423_/7795377'	2.1	3.4	10	2.73	1.6	4.69	2.02 No	1.6 Element Fault
RVA061	823	'62529301_/62529382'	2.1	3.4	10	2.73	2.7	4.65	2.02 No	2.02 Unintentional Islanding
RVA061	824	'481120946_/43539323_1'	2.2	3.4	10	2.73	2.5	4.59	2.02 No	2.02 Unintentional Islanding
RVA061	825	'54038058_/57801613'	2.1	3.4	10	2.73	2.7	4.65	2.02 No	2.02 Unintentional Islanding
RVA061	826	'555657154_/555657210'	0.63	1.13	3.33	0.91	0.5	1.62	0.67 No	0.5 Element Fault
RVA061	827	'4578749_/4578746'	2.1	3.4	10	2.73	3.6	4.71	2.02 No	2.02 Unintentional Islanding
RVA061	828	'4493964_/4537050'	0.73	1.13	3.33	0.91	0.5	1.51	0.67 No	0.5 Element Fault
RVA061	829	'481120874_/43539323_2'	2.2	3.4	10	2.73	2.5	4.58	2.02 No	2.02 Unintentional Islanding
RVA061	830	'4579526_/4579536'	0.73	1.13	3.33	0.91	0.5	1.52	0.67 No	0.5 Element Fault
RVA061	831	'8425437_/44087589'	0.7	1.13	3.33	0.91	0.3	1.57	0.67 No	0.3 Element Fault
RVA061	832	'4579354_/4579351'	0.87	1.13	3.33	0.91	0.8	1.53	0.67 No	0.67 Unintentional Islanding
RVA061	833	'8277932_/9221682'	0.73	1.13	3.33	0.91	0.5	1.54	0.67 No	0.5 Element Fault
RVA061	834	'54038027_/54038111'	2.1	3.3	10	2.73	2.7	4.63	2.02 No	2.02 Unintentional Islanding
RVA061	835	'481121009_/481121006'	2.1	3.3	10	2.73	2.5	4.55	2.02 No	2.02 Unintentional Islanding
RVA061	836	'37813285_/8588664'	2.1	3.3	10	2.73	2.5	4.59	2.02 No	2.02 Unintentional Islanding
RVA061	837	'54038104_/54038132'	2.1	3.3	10	2.73	2.7	4.61	2.02 No	2.02 Unintentional Islanding
RVA061	838	'37813264_/37813289'	2.1	3.3	10	2.73	2.5	4.59	2.02 No	2.02 Unintentional Islanding
RVA061	839	'37813257_/37813261'	0.7	1.1	3.33	0.91	0.83	1.53	0.67 No	0.67 Unintentional Islanding
RVA061	840	'402403358_/402403355'	2.1	3.3	10	2.73	2.5	4.59	2.02 No	2.02 Unintentional Islanding
RVA061	841	'37813271_/37813268'	2.1	3.3	10	2.73	2.5	4.59	2.02 No	2.02 Unintentional Islanding
RVA061	842	'7644922_/7644920'	1.33	2.13	6.67	1.82	1.8	3.01	1.34 No	1.33 Primary Over-Voltage
RVA061	843	'43528144_/4536784'	0.77	1.1	3.33	0.91	0.5	1.5	0.67 No	0.5 Element Fault
RVA061	844	'4545582_/4545580'	2.1	3.3	10	2.73	1.5	4.55	2.02 No	1.5 Element Fault
RVA061	845	'7963042_/9536470_1'	0.77	1.1	3.33	0.91	0.3	1.55	0.67 No	0.3 Element Fault
RVA061	846	'43528562_/4537063'	0.7	1.1	3.33	0.91	0.5	1.5	0.67 No	0.5 Element Fault
RVA061	847	'4579510_/4579523'	0.73	1.1	3.33	0.91	0.5	1.5	0.67 No	0.5 Element Fault
RVA061	848	'62529346_/62529395'	2	3.3	10	2.73	2.7	4.58	2.02 No	2 Primary Over-Voltage
RVA061	849	'260358174_/260358193'	0.77	1.1	3.33	0.91	0.5	1.6	0.67 No	0.5 Element Fault
RVA061	850	'4493965_/4493962'	0.7	1.1	3.33	0.91	0.5	1.49	0.67 No	0.5 Element Fault
RVA061	851	'54783723_/9536642'	0.67	1.1	3.33	0.91	1.2	1.54	0.67 No	0.67 Primary Over-Voltage
RVA061	852	'43539252_/43539254'	0.87	1.1	3.33	0.91	0.8	1.5	0.67 No	0.67 Unintentional Islanding
RVA061	853	'260358335_/260358232_1'	0.63	0.9	3.33	0.91	0.5	1.59	0.67 No	0.5 Element Fault
RVA061	854	'66119030_/61217272'	0.67	1.1	3.33	0.91	1.2	1.54	0.67 No	0.67 Primary Over-Voltage
RVA061	855	'7644508_/7912281'	0.67	1.1	3.33	0.91	1.2	1.54	0.67 No	0.67 Primary Over-Voltage
RVA061	856	'4578765_/4578800'	2	3.3	10	2.73	3.6	4.61	2.02 No	2 Primary Over-Voltage
RVA061	857	'43539263_/4579364'	0.87	1.1	3.33	0.91	0.8	1.5	0.67 No	0.67 Unintentional Islanding
RVA061	858	'54783753_/54783760'	0.67	1.1	3.33	0.91	1.2	1.53	0.67 No	0.67 Primary Over-Voltage
RVA061	859	'3681806_/3681803'	0.4	1.1	3.33	0.91	0.5	1.75	0.67 No	0.4 Primary Over-Voltage
RVA061	860	'7643976_/8587970'	0.63	1.1	3.33	0.91	0.53	1.23	0.67 No	0.53 Element Fault
RVA061	861	'4579184_/43539184'	0.87	1.1	3.33	0.91	0.5	1.51	0.67 No	0.5 Element Fault
RVA061	862	'37799626_/7329177'	2	3.3	10	2.73	2.7	4.53	2.02 No	2 Primary Over-Voltage
RVA061	863	'37799612_/37799609'	2	3.2	10	2.73	2.7	4.53	2.02 No	2 Primary Over-Voltage
RVA061	864	'37799598_/37799602'	2	3.2	10	2.73	2.7	4.53	2.02 No	2 Primary Over-Voltage
RVA061	865	'9221664_/9378132'	2	3.3	10	2.73	1.6	4.56	2.02 No	1.6 Element Fault
RVA061	866	'37813215_/8278694'	2	3.3	10	2.73	2.5	4.5	2.02 No	2 Primary Over-Voltage
RVA061	867	'37813214_/37813212'	2	3.3	10	2.73	2.5	4.5	2.02 No	2 Primary Over-Voltage
RVA061	868	'37813502_/37813506'	2	3.3	10	2.73	1.2	4.5	2.02 No	1.2 Element Fault
RVA061	869	'402403649_/402403646'	2	3.3	10	2.73	2.5	4.5	2.02 No	2 Primary Over-Voltage
RVA061	870	'37813243_/37813240'	2	3.3	10	2.73	2.5	4.5	2.02 No	2 Primary Over-Voltage
RVA061	871	'54783781_/54783806'	0.67	1.07	3.33	0.91	1.2	1.53	0.67 No	0.67 Primary Over-Voltage
RVA061	872	'4579496_/4579507'	0.73	1.07	3.33	0.91	0.5	1.48	0.67 No	0.5 Element Fault
RVA061	873	'7329516_/7329513'	0.7	1.07	3.33	0.91	0.4	1.5	0.67 No	0.4 Element Fault
RVA061	874	'7644054_/7644052'	1.7	2.6	10	2.73	2.4	4.48	2.02 No	1.7 Primary Over-Voltage
RVA061	875	'8587766_/360817074'	0.63	1.07	3.33	0.91	0.53	1.22	0.67 No	0.53 Element Fault
RVA061	876	'7644923_/54038029'	2	3.2	10	2.73	2.7	4.5	2.02 No	2 Primary Over-Voltage
RVA061	877	'37799605_/37799630'	2	3.2	10	2.73	2.7	4.5	2.02 No	2 Primary Over-Voltage
RVA061	878	'116072318_/116072409'	2	2.9	10	2.73	5	4.52	2.02 No	2 Primary Over-Voltage
RVA061	879	'555657226_/580925608'	0.6	1.07	3.33	0.91	0.5	1.57	0.67 No	0.5 Element Fault
RVA061	880	'8431041_/447869932'	0.87	1.07	3.33	0.91	0.5	1.49	0.67 No	0.5 Element Fault
RVA061	881	'54783790_/54783787'	0.67	1.07	3.33	0.91	1.2	1.51	0.67 No	0.67 Primary Over-Voltage
RVA061	882	'39462254_/116072323'	2	2.9	10	2.73	5	4.5	2.02 No	2 Primary Over-Voltage
RVA061	883	'456439253_/467454636'	0.5	1.07	3.33	0.91	0.3	1.65	0.67 No	0.3 Element Fault
RVA061	884	'8233485_/8588226'	0.53	0.87	3.33	0.91	0.4	1.49	0.67 No	0.4 Element Fault
RVA061	885	'433778142_/433778180'	1.7	2.6	10	2.73	2.4	4.45	2.02 No	1.7 Primary Over-Voltage
RVA061	886	'7644651_/516569273'	0.7	1.07	3.33	0.91	0.5	1.48	0.67 No	0.5 Element Fault
RVA061	887	'4579367_/43539265'	0.87	1.07	3.33	0.91	0.8	1.47	0.67 No	0.67 Unintentional Islanding
RVA061	888	'43539241_/43539243'	0.87	1.07	3.33	0.91	0.8	1.47	0.67 No	0.67 Unintentional Islanding
RVA061	889	'43539090_/4578763'	2	3.2	10	2.73	3.6	4.52	2.02 No	2 Primary Over-Voltage
RVA061	890	'43534672_/43534674'	2	3.2	10	2.73	1.5	4.42	2.02 No	1.5 Element Fault
RVA061	891	'8907695_/9536736'	0.67	1.07	3.33	0.91	0.3	1.5	0.67 No	0.3 Element Fault
RVA061	892	'4493978_/4493975'	0.7	1.07	3.33	0.91	0.5	1.45	0.67 No	0.5 Element Fault
RVA061	893	'4579497_/4579494'	0.73	1.07	3.33	0.91	0.5	1.45	0.67 No	0.5 Element Fault
RVA061	894	'8907327_/9221662'	2	3.2	10	2.73	1.6	4.48	2.02 No	1.6 Element Fault
RVA061	895	'7644509_/7644506'	0.67	1.07	3.33	0.91	1.2	1.5	0.67 No	0.67 Primary Over-Voltage
RVA061	896	'8908120_/497553349_2'	0.87	1.07	3.33	0.91	0.5	1.46	0.67 No	0.5 Element Fault
RVA061	897	'8907580_/467454651'	0.5	1.07	3.33	0.91	0.3	1.63	0.67 No	0.3 Element Fault
RVA061	898	'4537082_/4537079'	0.7	1.07	3.33	0.91	0.5	1.44	0.67 No	0.5 Element Fault
RVA061	899	'7643585_/8587652'	0.63	1.07	3.33	0.91	0.53	1.21	0.67 No	0.53 Element Fault
RVA061	900	'71233179_/71233186'	0.63	1.07	3.33	0.91	1.2	1.49	0.67 No	0.63 Primary Over-Voltage
RVA061	901	'404729412_/404729409'	1.9	2.9	10	2.73	5	4.44	2.02 No	1.9 Primary Over-Voltage
RVA061	902	'118110813_/38000852'	1.9	2.9	10	2.73	5	4.44	2.02 No	1.9 Primary Over-Voltage
RVA061	903	'39418661_/49445174'	1.9	2.9	10	2.73	5	4.44	2.02 No	1.9 Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RVA061	904	'3779822_/732929'		1.9	3.1	10	2.73	3.6	4.47	2.02 No	1.9 Primary Over-Voltage
RVA061	905	'37799787_/37799819'		1.9	3.1	10	2.73	3.6	4.47	2.02 No	1.9 Primary Over-Voltage
RVA061	906	'8117253_/8278544'		0.67	1.03	3.33	0.91	0.3	1.49	0.67 No	0.3 Element Fault
RVA061	907	'37799794_/37799791'		1.9	3.1	10	2.73	3.6	4.47	2.02 No	1.9 Primary Over-Voltage
RVA061	908	'37799780_/37799784'		1.9	3.1	10	2.73	2.7	4.47	2.02 No	1.9 Primary Over-Voltage
RVA061	909	'37799808_/37799812'		1.9	3.1	10	2.73	3.6	4.47	2.02 No	1.9 Primary Over-Voltage
RVA061	910	'4536800_/43528146'		0.77	1.03	3.33	0.91	0.5	1.44	0.67 No	0.5 Element Fault
RVA061	911	'39418682_/68018763'		1.9	2.9	10	2.73	5	4.42	2.02 No	1.9 Primary Over-Voltage
RVA061	912	'8278411_/8278408'		0.63	1.03	3.33	0.91	0.8	1.49	0.67 No	0.63 Primary Over-Voltage
RVA061	913	'39633046_/8114438'		1.9	2.9	10	2.73	5	4.41	2.02 No	1.9 Primary Over-Voltage
RVA061	914	'419552806_/8907693'		0.63	1.03	3.33	0.91	0.3	1.47	0.67 No	0.3 Element Fault
RVA061	915	'418889554_/8425578'		0.63	1.03	3.33	0.91	0.3	1.47	0.67 No	0.3 Element Fault
RVA061	916	'4576138_/43539092'		1.9	3.1	10	2.73	3.6	4.42	2.02 No	1.9 Primary Over-Voltage
RVA061	917	'4579393_/4579403'		0.87	1.03	3.33	0.91	0.8	1.43	0.67 No	0.67 Unintentional Islanding
RVA061	918	'7329547_/9536894'		0.67	1.03	3.33	0.91	0.4	1.44	0.67 No	0.4 Element Fault
RVA061	919	'7644108_/7644106'		1.4	2.1	10	2.73	2.4	4.31	2.02 No	1.4 Primary Over-Voltage
RVA061	920	'9222120_/360817134'		0.73	1.03	3.33	0.91	0.53	1.19	0.67 No	0.53 Element Fault
RVA061	921	'72208639_/8908341'		1.9	3.1	10	2.73	2.7	4.32	2.02 No	1.9 Primary Over-Voltage
RVA061	922	'4547327_/4547325'		1.9	3.1	10	2.73	0.9	4.29	2.02 No	0.9 Element Fault
RVA061	923	'4579380_/4579390'		0.87	1.03	3.33	0.91	0.8	1.42	0.67 No	0.67 Unintentional Islanding
RVA061	924	'451333410_/8277930'		0.67	1.03	3.33	0.91	0.5	1.44	0.67 No	0.5 Element Fault
RVA061	925	'8277949_/8907325'		1.9	3	10	2.73	1.6	4.33	2.02 No	1.6 Element Fault
RVA061	926	'8114440_/49965844'		1.9	2.9	10	2.73	5	4.33	2.02 No	1.9 Primary Over-Voltage
RVA061	927	'7329355_/8908005'		0.67	1	3.33	0.91	1.2	1.45	0.67 No	0.67 Primary Over-Voltage
RVA061	928	'7329704_/7329701'		0.8	1	3.33	0.91	0.4	1.43	0.67 No	0.4 Element Fault
RVA061	929	'362490575_/360817104'		0.57	1	3.33	0.91	0.53	1.18	0.67 No	0.53 Element Fault
RVA061	930	'7328647_/373932558'		0.6	1	3.33	0.91	0.53	1.18	0.67 No	0.53 Element Fault
RVA061	931	'8278145_/8588496'		0.6	1	3.33	0.91	0.8	1.45	0.67 No	0.6 Primary Over-Voltage
RVA061	932	'7327139_/8905957'		1.9	3	10	2.73	0.9	4.24	2.02 No	0.9 Element Fault
RVA061	933	'43531557_/4537773'		0.67	1	3.33	0.91	0.5	1.39	0.67 No	0.5 Element Fault
RVA061	934	'7329531_/7329529'		0.67	1	3.33	0.91	0.4	1.42	0.67 No	0.4 Element Fault
RVA061	935	'43528888_/4494489'		0.67	1	3.33	0.91	0.5	1.39	0.67 No	0.5 Element Fault
RVA061	936	'43538769_/4576136'		1.9	3	10	2.73	3.6	4.32	2.02 No	1.9 Primary Over-Voltage
RVA061	937	'402403138_/8588022'		0.6	1	3.33	0.91	1.2	1.44	0.67 No	0.6 Primary Over-Voltage
RVA061	938	'43528166_/4536810'		0.77	1	3.33	0.91	0.5	1.39	0.67 No	0.5 Element Fault
RVA061	939	'433778248_/433778298'		0.93	1.4	6.67	1.82	1.6	2.85	1.34 No	0.93 Primary Over-Voltage
RVA061	940	'8278017_/555657230'		0.57	1	3.33	0.91	0.5	1.48	0.67 No	0.5 Element Fault
RVA061	941	'8278001_/347478170'		0.73	1	3.33	0.91	0.5	1.45	0.67 No	0.5 Element Fault
RVA061	942	'72208733_/72208744'		1.9	3	10	2.73	2.7	4.24	2.02 No	1.9 Primary Over-Voltage
RVA061	943	'37813676_/7644868'		1.9	3	10	2.73	2.5	4.22	2.02 No	1.9 Primary Over-Voltage
RVA061	944	'37813677_/37813674'		1.9	3	10	2.73	2.5	4.22	2.02 No	1.9 Primary Over-Voltage
RVA061	945	'37813684_/37813688'		1.9	3	10	2.73	2.5	4.22	2.02 No	1.9 Primary Over-Voltage
RVA061	946	'37813705_/37813702'		1.9	3	10	2.73	2.5	4.22	2.02 No	1.9 Primary Over-Voltage
RVA061	947	'37813719_/37813716'		1.9	3	10	2.73	2.5	4.22	2.02 No	1.9 Primary Over-Voltage
RVA061	948	'4579379_/4579377'		0.83	1	3.33	0.91	0.8	1.39	0.67 No	0.67 Unintentional Islanding
RVA061	949	'8277933_/451333430'		0.63	1	3.33	0.91	0.5	1.41	0.67 No	0.5 Element Fault
RVA061	950	'7476685_/7476682'		1.7	2.8	10	2.73	2.4	4.22	2.02 No	1.7 Primary Over-Voltage
RVA061	951	'7963041_/7963039'		0.77	1	3.33	0.91	0.3	1.42	0.67 No	0.3 Element Fault
RVA061	952	'39665728_/44093997'		0.83	1	3.33	0.91	1.67	1.16	0.67 No	0.67 Unintentional Islanding
RVA061	953	'39588281_/8908361'		0.63	1	3.33	0.91	0.83	1.4	0.67 No	0.63 Primary Over-Voltage
RVA061	954	'7329548_/7329545'		0.63	1	3.33	0.91	0.4	1.39	0.67 No	0.4 Element Fault
RVA061	955	'7643568_/7643582'		0.6	1	3.33	0.91	0.53	1.16	0.67 No	0.53 Element Fault
RVA061	956	'3681819_/3681816'		0.37	0.97	3.33	0.91	0.5	1.59	0.67 No	0.37 Primary Over-Voltage
RVA061	957	'8908363_/39588286'		0.63	0.97	3.33	0.91	0.83	1.39	0.67 No	0.63 Primary Over-Voltage
RVA061	958	'241763967_/241763972'		1.9	2.9	10	2.73	2.7	4.19	2.02 No	1.9 Primary Over-Voltage
RVA061	959	'7328874_/7328871'		0.53	0.87	3.33	0.91	0.4	1.39	0.67 No	0.4 Element Fault
RVA061	960	'7644203_/8278142'		0.6	0.97	3.33	0.91	0.8	1.42	0.67 No	0.6 Primary Over-Voltage
RVA061	961	'8233484_/8233482'		0.53	0.87	3.33	0.91	0.4	1.39	0.67 No	0.4 Element Fault
RVA061	962	'8907696_/419552826'		0.6	0.97	3.33	0.91	0.3	1.41	0.67 No	0.3 Element Fault
RVA061	963	'9536932_/9536930'		0.67	0.97	3.33	0.91	0.4	1.38	0.67 No	0.4 Element Fault
RVA061	964	'7644635_/51043866'		1.3	2	10	2.73	1.6	4.1	2.02 No	1.3 Primary Over-Voltage
RVA061	965	'8421457_/8741168'		0.6	0.97	3.33	0.91	1.67	1.15	0.67 No	0.6 Primary Over-Voltage
RVA061	966	'4576156_/43538771'		1.8	2.9	10	2.73	3.6	4.21	2.02 No	1.8 Primary Over-Voltage
RVA061	967	'7329356_/7329353'		0.67	0.97	3.33	0.91	1.2	1.4	0.67 No	0.67 Primary Over-Voltage
RVA061	968	'8587623_/156819916'		0.63	0.97	3.33	0.91	0.5	1.38	0.67 No	0.5 Element Fault
RVA061	969	'8907888_/8907885'		0.77	0.97	3.33	0.91	0.9	1.13	0.67 No	0.67 Unintentional Islanding
RVA061	970	'7329756_/8278814'		1.8	2.9	10	2.73	2.5	4.13	2.02 No	1.8 Primary Over-Voltage
RVA061	971	'241764086_/241764105'		1.8	2.9	10	2.73	2.7	4.13	2.02 No	1.8 Primary Over-Voltage
RVA061	972	'4494505_/4494502'		0.63	0.97	3.33	0.91	0.5	1.35	0.67 No	0.5 Element Fault
RVA061	973	'7962585_/362490610'		0.57	0.97	3.33	0.91	0.53	1.14	0.67 No	0.53 Element Fault
RVA061	974	'4537906_/43531559'		0.63	0.97	3.33	0.91	0.5	1.34	0.67 No	0.5 Element Fault
RVA061	975	'7329046_/8907817'		1.7	2.8	10	2.73	2.4	4.1	2.02 No	1.7 Primary Over-Voltage
RVA061	976	'8277948_/8277946'		1.8	2.9	10	2.73	1.6	4.13	2.02 No	1.6 Element Fault
RVA061	977	'4536826_/43528168'		0.77	0.97	3.33	0.91	0.5	1.34	0.67 No	0.5 Element Fault
RVA061	978	'37799766_/37799763'		1.7	2.8	10	2.73	1.2	4.09	2.02 No	1.2 Element Fault
RVA061	979	'37799752_/37799756'		1.7	2.8	10	2.73	2.4	4.09	2.02 No	1.7 Primary Over-Voltage
RVA061	980	'7481212_/247915981'		1.7	2.1	10	2.73	5	4.11	2.02 No	1.7 Primary Over-Voltage
RVA061	981	'9536061_/379188720'		0.53	0.93	3.33	0.91	0.53	1.14	0.67 No	0.53 Primary Over-Voltage
RVA061	982	'7327140_/7327137'		1.8	2.8	10	2.73	0.9	4.05	2.02 No	0.9 Element Fault
RVA061	983	'37813019_/8907709'		0.6	0.93	3.33	0.91	0.3	1.37	0.67 No	0.3 Element Fault
RVA061	984	'37813012_/37813016'		0.6	0.93	3.33	0.91	0.3	1.37	0.67 No	0.3 Element Fault
RVA061	985	'37813005_/37813009'		0.6	0.93	3.33	0.91	0.3	1.37	0.67 No	0.3 Element Fault
RVA061	986	'402402735_/402402732'		0.6	0.93	3.33	0.91	0.3	1.37	0.67 No	0.3 Element Fault
RVA061	987	'402402742_/402402739'		0.6	0.93	3.33	0.91	0.3	1.37	0.67 No	0.3 Element Fault
RVA061	988	'241764011_/241764131'		1.8	2.8	10	2.73	2.7	4.08	2.02 No	1.8 Primary Over-Voltage
RVA061	989	'43538782_/4578918'		1.8	2.8	10	2.73	3.6	4.12	2.02 No	1.8 Primary Over-Voltage
RVA061	990	'37799738_/7329043'		1.7	2.8	10	2.73	2.4	4.07	2.02 No	1.7 Primary Over-Voltage
RVA061	991	'37799745_/37799742'		1.7	2.8	10	2.73	2.4	4.06	2.02 No	1.7 Primary Over-Voltage
RVA061	992	'402379833_/402379830'		1.7	2.8	10	2.73	2.4	4.06	2.02 No	1.7 Primary Over-Voltage
RVA061	993	'433778240_/9222770'		1.4	2.1	10	2.73	2.4	4.04	2.02 No	1.4 Primary Over-Voltage
RVA061	994	'156685462_/156685449_1'		0.6	0.93	3.33	0.91	0.5	1.35	0.67 No	0.5 Element Fault
RVA061	995	'9221701_/156685449_2'		0.6	0.93	3.33	0.91	0.5	1.35	0.67 No	0.5 Element Fault
RVA061	996	'7644202_/7644200'		0.57	0.93	3.33	0.91	0.8	1.37	0.67 No	0.57 Primary Over-Voltage
RVA061	997	'7329563_/7329561'		0.6	0.93	3.33	0.91	0.4	1.35	0.67 No	0.4 Element Fault

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RVA061	998	'7329484_/509289652'		0.6	0.93	3.33	0.91	0.5	1.34	0.67 No	0.5 Element Fault
RVA061	999	'8908024_/8908021'		0.67	0.93	3.33	0.91	1.2	1.36	0.67 No	0.67 Primary Over-Voltage
RVA061	1000	'7643569_/373932522'		0.57	0.93	3.33	0.91	0.53	1.12	0.67 No	0.53 Element Fault
RVA061	1001	'8907991_/8907989'		0.73	0.93	3.33	0.91	0.3	1.36	0.67 No	0.3 Element Fault
RVA061	1002	'7476653_/497553340'		0.8	0.93	3.33	0.91	0.5	1.33	0.67 No	0.5 Element Fault
RVA061	1003	'4536839_/4536836'		0.77	0.93	3.33	0.91	0.5	1.31	0.67 No	0.5 Element Fault
RVA061	1004	'107660021_/107660059'		1.8	2.8	10	2.73	2.7	3.99	2.02 No	1.8 Primary Over-Voltage
RVA061	1005	'4578921_/43538784'		1.7	2.8	10	2.73	3.6	4.04	2.02 No	1.7 Primary Over-Voltage
RVA061	1006	'8908151_/9536946'		0.67	0.93	3.33	0.91	0.4	1.32	0.67 No	0.4 Element Fault
RVA061	1007	'4494518_/4494515'		0.6	0.93	3.33	0.91	0.5	1.3	0.67 No	0.5 Element Fault
RVA061	1008	'7644009_/76445450'		0.57	0.93	3.33	0.91	0.8	1.1	0.67 No	0.57 Primary Over-Voltage
RVA061	1009	'7328954_/9222134'		0.7	0.9	3.33	0.91	0.53	1.11	0.67 No	0.53 Element Fault
RVA061	1010	'4537907_/4537904'		0.6	0.9	3.33	0.91	0.5	1.3	0.67 No	0.5 Element Fault
RVA061	1011	'7329720_/7329717'		0.73	0.9	3.33	0.91	0.4	1.32	0.67 No	0.4 Element Fault
RVA061	1012	'8588594_/8588592_1'		0.57	0.9	3.33	0.91	0.3	1.34	0.67 No	0.3 Element Fault
RVA061	1013	'7643536_/9528156'		0.6	0.9	3.33	0.91	0.5	1.32	0.67 No	0.5 Element Fault
RVA061	1014	'7327009_/51043822'		0.87	1.33	6.67	1.82	1.07	2.56	1.34 No	0.87 Primary Over-Voltage
RVA061	1015	'7963413_/8120234'		0.57	0.9	3.33	0.91	0.83	1.31	0.67 No	0.57 Primary Over-Voltage
RVA061	1016	'8907663_/8907661'		0.53	0.87	3.33	0.91	0.4	1.31	0.67 No	0.4 Element Fault
RVA061	1017	'7328593_/453219850_1'		0.5	0.9	3.33	0.91	0.5	1.36	0.67 No	0.5 Primary Over-Voltage
RVA061	1018	'4567029_/4578935'		1.7	2.7	10	2.73	3.6	3.98	2.02 No	1.7 Primary Over-Voltage
RVA061	1019	'7329899_/7963411'		0.57	0.9	3.33	0.91	0.83	1.3	0.67 No	0.57 Primary Over-Voltage
RVA061	1020	'4576173_/4567061_1'		0.57	0.9	3.33	0.91	0.3	1.32	0.67 No	0.3 Element Fault
RVA061	1021	'379924488_/4576267_2'		0.57	0.9	3.33	0.91	1.2	1.32	0.67 No	0.57 Primary Over-Voltage
RVA061	1022	'37798786_/37798790'		0.87	1.33	6.67	1.82	1.07	2.54	1.34 No	0.87 Primary Over-Voltage
RVA061	1023	'8420361_/8736534'		0.53	0.87	3.33	0.91	0.4	1.3	0.67 No	0.4 Element Fault
RVA061	1024	'7328648_/385243442'		0.53	0.9	3.33	0.91	0.53	1.1	0.67 No	0.53 Primary Over-Voltage
RVA061	1025	'8588005_/8907609'		1.7	2.7	10	2.73	2.4	3.92	2.02 No	1.7 Primary Over-Voltage
RVA061	1026	'320879483_/118592533'		1.7	2.7	10	2.73	2.7	3.92	2.02 No	1.7 Primary Over-Voltage
RVA061	1027	'402403389_/402403386'		1.6	2	10	2.73	2.5	3.9	2.02 No	1.6 Primary Over-Voltage
RVA061	1028	'37813355_/37813352'		1.6	2	10	2.73	2.5	3.9	2.02 No	1.6 Primary Over-Voltage
RVA061	1029	'37813313_/8908305'		1.6	2	10	2.73	2.5	3.9	2.02 No	1.6 Primary Over-Voltage
RVA061	1030	'37813320_/37813317'		1.6	2	10	2.73	2.5	3.9	2.02 No	1.6 Primary Over-Voltage
RVA061	1031	'260358213_/260358287'		0.63	0.9	3.33	0.91	0.5	1.35	0.67 No	0.5 Element Fault
RVA061	1032	'3681832_/3681829'		0.33	0.9	3.33	0.91	0.5	1.46	0.67 No	0.33 Primary Over-Voltage
RVA061	1033	'4494531_/4494528'		0.6	0.9	3.33	0.91	0.5	1.28	0.67 No	0.5 Element Fault
RVA061	1034	'7480147_/9685812'		1.6	1.8	10	2.73	5	3.92	2.02 No	1.6 Primary Over-Voltage
RVA061	1035	'37798758_/51044009'		0.87	1.33	6.67	1.82	1.07	2.53	1.34 No	0.87 Primary Over-Voltage
RVA061	1036	'37798765_/37798762'		0.87	1.33	6.67	1.82	1.07	2.53	1.34 No	0.87 Primary Over-Voltage
RVA061	1037	'4537920_/4537917'		0.57	0.9	3.33	0.91	0.5	1.28	0.67 No	0.5 Element Fault
RVA061	1038	'7962602_/9536422'		0.53	0.9	3.33	0.91	0.8	1.32	0.67 No	0.53 Primary Over-Voltage
RVA061	1039	'320879438_/320879481'		1.7	2.7	10	2.73	2.7	3.89	2.02 No	1.7 Primary Over-Voltage
RVA061	1040	'8430406_/8908149'		0.67	0.9	3.33	0.91	0.4	1.29	0.67 No	0.4 Element Fault
RVA061	1041	'4576270_/4576267_1'		0.57	0.9	3.33	0.91	0.3	1.31	0.67 No	0.3 Element Fault
RVA061	1042	'243051713_/156685460_1'		0.53	0.83	3.33	0.91	0.5	1.29	0.67 No	0.5 Element Fault
RVA061	1043	'4536852_/4536849'		0.73	0.9	3.33	0.91	0.5	1.27	0.67 No	0.5 Element Fault
RVA061	1044	'4575405_/76445475'		0.53	0.9	3.33	0.91	0.8	1.07	0.67 No	0.53 Primary Over-Voltage
RVA061	1045	'7962865_/8233430'		0.57	0.9	3.33	0.91	0.3	1.31	0.67 No	0.3 Element Fault
RVA061	1046	'7962586_/7962583'		0.53	0.9	3.33	0.91	0.53	1.09	0.67 No	0.53 Primary Over-Voltage
RVA061	1047	'7912502_/7912499'		0.57	0.9	3.33	0.91	0.4	1.29	0.67 No	0.4 Element Fault
RVA061	1048	'7329371_/8908037'		0.67	0.9	3.33	0.91	1.2	1.31	0.67 No	0.67 Primary Over-Voltage
RVA061	1049	'7327058_/51043984'		0.87	1.33	6.67	1.82	1.07	2.51	1.34 No	0.87 Primary Over-Voltage
RVA061	1050	'320879517_/320879514'		1.7	2.7	10	2.73	2.7	3.87	2.02 No	1.7 Primary Over-Voltage
RVA061	1051	'467982193_/9536994_1'		0.47	0.73	3.33	0.91	0.4	1.29	0.67 No	0.4 Element Fault
RVA061	1052	'4567064_/4567061_2'		0.57	0.9	3.33	0.91	0.3	1.3	0.67 No	0.3 Element Fault
RVA061	1053	'441694877_/8278782'		0.7	0.9	3.33	0.91	0.4	1.28	0.67 No	0.4 Element Fault
RVA061	1054	'4567030_/4567027'		1.7	2.6	10	2.73	3.6	3.9	2.02 No	1.7 Primary Over-Voltage
RVA061	1055	'4579065_/4579062'		0.57	0.87	3.33	0.91	0.3	1.3	0.67 No	0.3 Element Fault
RVA061	1056	'7327108_/497553331'		0.77	0.87	3.33	0.91	0.5	1.27	0.67 No	0.5 Element Fault
RVA061	1057	'43364339_/3681842'		0.33	0.87	3.33	0.91	0.5	1.43	0.67 No	0.33 Primary Over-Voltage
RVA061	1058	'118592528_/320879605'		1.7	2.6	10	2.73	2.7	3.84	2.02 No	1.7 Primary Over-Voltage
RVA061	1059	'39418668_/38000803'		1.6	1.8	10	2.73	5	3.84	2.02 No	1.6 Primary Over-Voltage
RVA061	1060	'404729879_/404729876'		1.6	1.8	10	2.73	5	3.84	2.02 No	1.6 Primary Over-Voltage
RVA061	1061	'115231851_/38000831'		1.6	1.8	10	2.73	5	3.84	2.02 No	1.6 Primary Over-Voltage
RVA061	1062	'39418675_/9057967'		1.6	1.8	10	2.73	5	3.84	2.02 No	1.6 Primary Over-Voltage
RVA061	1063	'4576186_/4576183'		0.57	0.87	3.33	0.91	0.3	1.29	0.67 No	0.3 Element Fault
RVA061	1064	'37799381_/76561743'		1.6	2.6	10	2.73	2.4	3.82	2.02 No	1.6 Primary Over-Voltage
RVA061	1065	'37799366_/37799378'		1.6	2.6	10	2.73	2.4	3.82	2.02 No	1.6 Primary Over-Voltage
RVA061	1066	'4536865_/4536862'		0.73	0.87	3.33	0.91	0.5	1.25	0.67 No	0.5 Element Fault
RVA061	1067	'7963246_/8908325'		0.73	0.87	3.33	0.91	0.53	1.03	0.67 No	0.53 Element Fault
RVA061	1068	'43528853_/4494541'		0.57	0.87	3.33	0.91	0.5	1.25	0.67 No	0.5 Element Fault
RVA061	1069	'71233571_/71233559_1'		0.3	0.5	3.33	0.91	0.53	1.28	0.67 No	0.3 Primary Over-Voltage
RVA061	1070	'7963245_/7963243'		0.53	0.87	3.33	0.91	0.53	1.03	0.67 No	0.53 Primary Over-Voltage
RVA061	1071	'8278785_/441694898'		0.7	0.87	3.33	0.91	0.4	1.27	0.67 No	0.4 Element Fault
RVA061	1072	'9222504_/391326692'		0.63	0.87	3.33	0.91	0.5	1.3	0.67 No	0.5 Element Fault
RVA061	1073	'121024279_/7329481'		0.57	0.87	3.33	0.91	0.5	1.26	0.67 No	0.5 Element Fault
RVA061	1074	'9222557_/9536626'		0.67	0.87	3.33	0.91	0.3	1.28	0.67 No	0.3 Element Fault
RVA061	1075	'118592572_/118592601'		1.7	2.6	10	2.73	2.7	3.79	2.02 No	1.7 Primary Over-Voltage
RVA061	1076	'7329248_/7329261'		0.57	0.87	3.33	0.91	0.8	1.06	0.67 No	0.57 Primary Over-Voltage
RVA061	1077	'54847820_/54847822'		1.6	2	10	2.73	2.5	3.76	2.02 No	1.6 Primary Over-Voltage
RVA061	1078	'7808826_/8136279'		0.53	0.87	3.33	0.91	0.83	1.25	0.67 No	0.53 Primary Over-Voltage
RVA061	1079	'538299771_/133584476_2'		1.6	2.6	10	2.73	0.9	3.72	2.02 No	0.9 Element Fault
RVA061	1080	'7329247_/7329245'		0.53	0.87	3.33	0.91	0.8	1.05	0.67 No	0.53 Primary Over-Voltage
RVA061	1081	'121024314_/121024332'		0.57	0.87	3.33	0.91	0.5	1.25	0.67 No	0.5 Element Fault
RVA061	1082	'43539125_/4579075'		1.6	2.6	10	2.73	3.6	3.8	2.02 No	1.6 Primary Over-Voltage
RVA061	1083	'4494557_/43528855'		0.57	0.87	3.33	0.91	0.5	1.23	0.67 No	0.5 Element Fault
RVA061	1084	'4536933_/4536930'		0.7	0.87	3.33	0.91	0.5	1.23	0.67 No	0.5 Element Fault
RVA061	1085	'7962362_/156685473'		0.53	0.83	3.33	0.91	0.5	1.25	0.67 No	0.5 Element Fault
RVA061	1086	'43528155_/4536875'		0.7	0.83	3.33	0.91	0.5	1.22	0.67 No	0.5 Element Fault
RVA061	1087	'121024347_/121024379'		0.57	0.83	3.33	0.91	0.5	1.24	0.67 No	0.5 Element Fault
RVA061	1088	'118592492_/118592583'		1.6	2.5	10	2.73	2.7	3.72	2.02 No	1.6 Primary Over-Voltage
RVA061	1089	'402403719_/402403716'		0.53	0.83	3.33	0.91	0.53	1.01	0.67 No	0.53 Primary Over-Voltage
RVA061	1090	'8420360_/8420358'		0.53	0.83	3.33	0.91	0.4	1.23	0.67 No	0.4 Element Fault
RVA061	1091	'7329082_/7962599'		0.5	0.83	3.33	0.91	0.8	1.25	0.67 No	0.5 Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RVA061	1092	'7501213_/_7808823'	0.53	0.83	3.33	0.91	0.83	1.23	0.67 No	0.53	Primary Over-Voltage
RVA061	1093	'54847886_/_54847893'	1.6	2	10	2.73	2.5	3.7	2.02 No	1.6	Primary Over-Voltage
RVA061	1094	'7329483_/_121024352'	0.53	0.83	3.33	0.91	0.5	1.23	0.67 No	0.5	Element Fault
RVA061	1095	'7644390_/_7644388'	0.5	0.83	3.33	0.91	0.53	1.05	0.67 No	0.5	Primary Over-Voltage
RVA061	1096	'8278801_/_8278798'	0.67	0.83	3.33	0.91	0.4	1.23	0.67 No	0.4	Element Fault
RVA061	1097	'7643828_/_8587732'	0.5	0.83	3.33	0.91	0.53	1.05	0.67 No	0.5	Primary Over-Voltage
RVA061	1098	'107659975_/_107660032'	1.6	2.5	10	2.73	2.7	3.7	2.02 No	1.6	Primary Over-Voltage
RVA061	1099	'43364351_/_43364341'	0.3	0.83	3.33	0.91	0.5	1.36	0.67 No	0.3	Primary Over-Voltage
RVA061	1100	'7327107_/_370190360'	0.73	0.83	3.33	0.91	0.5	1.22	0.67 No	0.5	Element Fault
RVA061	1101	'247613295_/_9536830_1'	0.37	0.57	3.33	0.91	0.53	1.22	0.67 No	0.37	Primary Over-Voltage
RVA061	1102	'43538841_/_43539127'	1.6	2.5	10	2.73	3.6	3.73	2.02 No	1.6	Primary Over-Voltage
RVA061	1103	'37813558_/_37813562'	0.53	0.83	3.33	0.91	0.53	1	0.67 No	0.53	Primary Over-Voltage
RVA061	1104	'7501212_/_7501210'	0.53	0.83	3.33	0.91	0.83	1.22	0.67 No	0.53	Primary Over-Voltage
RVA061	1105	'86861235_/_538299802'	1.6	2.5	10	2.73	0.9	3.63	2.02 No	0.9	Element Fault
RVA061	1106	'7329231_/_7329229_1'	0.5	0.83	3.33	0.91	0.5	1.04	0.67 No	0.5	Primary Over-Voltage
RVA061	1107	'4536893_/_43528157'	0.7	0.83	3.33	0.91	0.5	1.2	0.67 No	0.5	Element Fault
RVA061	1108	'72208683_/_107659981'	1.6	2.5	10	2.73	2.7	3.66	2.02 No	1.6	Primary Over-Voltage
RVA061	1109	'54847852_/_54847912'	1.6	2	10	2.73	2.5	3.64	2.02 No	1.6	Primary Over-Voltage
RVA061	1110	'4513825_/_4513822'	0.53	0.83	3.33	0.91	0.5	1.2	0.67 No	0.5	Element Fault
RVA061	1111	'4536946_/_4536943'	0.7	0.83	3.33	0.91	0.5	1.2	0.67 No	0.5	Element Fault
RVA061	1112	'69541849_/_69541889'	1.07	1.6	6.67	1.82	1.8	2.44	1.34 No	1.07	Primary Over-Voltage
RVA061	1113	'7644618_/_8588592_2'	0.53	0.83	3.33	0.91	0.3	1.22	0.67 No	0.3	Element Fault
RVA061	1114	'7644571_/_9222554'	0.63	0.83	3.33	0.91	0.3	1.22	0.67 No	0.3	Element Fault
RVA061	1115	'9222221_/_9536338'	0.5	0.83	3.33	0.91	0.4	1.21	0.67 No	0.4	Element Fault
RVA061	1116	'37799864_/_7962799'	0.5	0.83	3.33	0.91	0.8	1.02	0.67 No	0.5	Primary Over-Voltage
RVA061	1117	'37799878_/_37799882'	0.5	0.83	3.33	0.91	0.8	1.02	0.67 No	0.5	Primary Over-Voltage
RVA061	1118	'37799871_/_37799868'	0.5	0.83	3.33	0.91	0.8	1.02	0.67 No	0.5	Primary Over-Voltage
RVA061	1119	'34546308_/_44080951'	0.53	0.8	3.33	0.91	0.83	1.2	0.67 No	0.53	Primary Over-Voltage
RVA061	1120	'69541886_/_72208688'	1.6	2.4	10	2.73	2.7	3.6	2.02 No	1.6	Primary Over-Voltage
RVA061	1121	'4538537_/_4538534'	0.67	0.8	3.33	0.91	0.5	1.18	0.67 No	0.5	Element Fault
RVA061	1122	'7962866_/_7962863'	0.5	0.8	3.33	0.91	0.3	1.21	0.67 No	0.3	Element Fault
RVA061	1123	'66563821_/_66563828'	0.5	0.8	3.33	0.91	0.9	1.02	0.67 No	0.5	Primary Over-Voltage
RVA061	1124	'402379925_/_402379922'	0.5	0.8	3.33	0.91	0.8	1.01	0.67 No	0.5	Primary Over-Voltage
RVA061	1125	'4567046_/_4577207'	1.5	2.4	10	2.73	3.6	3.62	2.02 No	1.5	Primary Over-Voltage
RVA061	1126	'4536894_/_4536891'	0.67	0.8	3.33	0.91	0.5	1.17	0.67 No	0.5	Element Fault
RVA061	1127	'4567077_/_4567087_1'	0.5	0.8	3.33	0.91	0.3	1.2	0.67 No	0.3	Element Fault
RVA061	1128	'8587750_/_9536486'	0.47	0.8	3.33	0.91	0.53	1.02	0.67 No	0.47	Primary Over-Voltage
RVA061	1129	'8588894_/_69541852'	1.6	2.4	10	2.73	2.7	3.57	2.02 No	1.6	Primary Over-Voltage
RVA061	1130	'7329081_/_7329079'	0.47	0.8	3.33	0.91	0.8	1.2	0.67 No	0.47	Primary Over-Voltage
RVA061	1131	'8430407_/_8430404'	0.63	0.8	3.33	0.91	0.4	1.18	0.67 No	0.4	Element Fault
RVA061	1132	'9222901_/_9367346'	0.5	0.8	3.33	0.91	0.4	1.18	0.67 No	0.4	Element Fault
RVA061	1133	'7329791_/_8588892'	1.5	2.4	10	2.73	2.7	3.55	2.02 No	1.5	Primary Over-Voltage
RVA061	1134	'8429826_/_8429824'	0.5	0.8	3.33	0.91	0.83	1.18	0.67 No	0.5	Primary Over-Voltage
RVA061	1135	'8588329_/_347478159'	0.57	0.8	3.33	0.91	0.5	1.21	0.67 No	0.5	Element Fault
RVA061	1136	'70761184_/_70761189'	1.5	2.4	10	2.73	3.6	3.58	2.02 No	1.5	Primary Over-Voltage
RVA061	1137	'4494569_/_4513835'	0.53	0.8	3.33	0.91	0.5	1.16	0.67 No	0.5	Element Fault
RVA061	1138	'37799045_/_497553286'	0.7	0.8	3.33	0.91	0.5	1.17	0.67 No	0.5	Element Fault
RVA061	1139	'37799059_/_37799063'	0.37	0.43	3.33	0.91	0.5	1.17	0.67 No	0.37	Primary Over-Voltage
RVA061	1140	'402378971_/_402378968'	0.37	0.43	3.33	0.91	0.5	1.17	0.67 No	0.37	Primary Over-Voltage
RVA061	1141	'38112629_/_44087940'	0.5	0.8	3.33	0.91	0.83	1.17	0.67 No	0.5	Primary Over-Voltage
RVA061	1142	'40086940_/_9536390'	0.47	0.8	3.33	0.91	0.8	1.19	0.67 No	0.47	Primary Over-Voltage
RVA061	1143	'4566777_/_4567087_2'	0.5	0.8	3.33	0.91	0.3	1.19	0.67 No	0.3	Element Fault
RVA061	1144	'7643781_/_385243421'	0.47	0.8	3.33	0.91	0.53	1.01	0.67 No	0.47	Primary Over-Voltage
RVA061	1145	'8588757_/_8588770'	0.63	0.8	3.33	0.91	0.4	1.17	0.67 No	0.4	Element Fault
RVA061	1146	'4566740_/_4567044'	1.5	2.4	10	2.73	3.6	3.54	2.02 No	1.5	Primary Over-Voltage
RVA061	1147	'7643829_/_7643826'	0.47	0.8	3.33	0.91	0.53	1.01	0.67 No	0.47	Primary Over-Voltage
RVA061	1148	'4536907_/_4536904'	0.67	0.8	3.33	0.91	0.5	1.15	0.67 No	0.5	Element Fault
RVA061	1149	'7328938_/_396867966'	0.6	0.77	3.33	0.91	0.53	1.01	0.67 No	0.53	Element Fault
RVA061	1150	'8278836_/_9223006'	0.63	0.77	3.33	0.91	0.4	1.16	0.67 No	0.4	Element Fault
RVA061	1151	'7963106_/_9222218'	0.47	0.77	3.33	0.91	0.4	1.16	0.67 No	0.4	Element Fault
RVA061	1152	'8588052_/_8588050'	0.5	0.77	3.33	0.91	0.8	0.99	0.67 No	0.5	Primary Over-Voltage
RVA061	1153	'7329687_/_7329685'	0.5	0.77	3.33	0.91	0.53	0.96	0.67 No	0.5	Primary Over-Voltage
RVA061	1154	'37813607_/_9537066'	1.5	2	10	2.73	2.5	3.47	2.02 No	1.5	Primary Over-Voltage
RVA061	1155	'7329340_/_7329369'	0.6	0.77	3.33	0.91	1.2	1.17	0.67 No	0.6	Primary Over-Voltage
RVA061	1156	'4566776_/_4566774'	0.5	0.77	3.33	0.91	0.3	1.16	0.67 No	0.3	Element Fault
RVA061	1157	'40365737_/_44098105'	0.5	0.77	3.33	0.91	0.83	1.15	0.67 No	0.5	Primary Over-Voltage
RVA061	1158	'7329792_/_7329789'	1.5	2.3	10	2.73	2.7	3.46	2.02 No	1.5	Primary Over-Voltage
RVA061	1159	'4566739_/_4566737'	1.5	2.3	10	2.73	3.6	3.49	2.02 No	1.5	Primary Over-Voltage
RVA061	1160	'51310752_/_7644616'	0.5	0.77	3.33	0.91	0.3	1.16	0.67 No	0.3	Element Fault
RVA061	1161	'4536920_/_4536917'	0.63	0.77	3.33	0.91	0.5	1.13	0.67 No	0.5	Element Fault
RVA061	1162	'597560152_/_541656585_1'	0.5	0.77	3.33	0.91	0.3	1.16	0.67 No	0.3	Element Fault
RVA061	1163	'7912569_/_7912567'	0.47	0.77	3.33	0.91	0.53	0.95	0.67 No	0.47	Primary Over-Voltage
RVA061	1164	'43528877_/_4494567'	0.5	0.77	3.33	0.91	0.5	1.13	0.67 No	0.5	Primary Over-Voltage
RVA061	1165	'7963229_/_8278834'	0.6	0.77	3.33	0.91	0.4	1.14	0.67 No	0.4	Element Fault
RVA061	1166	'8588875_/_8588872_2'	1.5	2.3	10	2.73	2.7	3.42	2.02 No	1.5	Primary Over-Voltage
RVA061	1167	'7644570_/_7644568'	0.6	0.77	3.33	0.91	0.3	1.15	0.67 No	0.3	Element Fault
RVA061	1168	'9222885_/_9222898'	0.5	0.77	3.33	0.91	0.4	1.13	0.67 No	0.4	Element Fault
RVA061	1169	'9223149_/_8588872_1'	1.5	2.3	10	2.73	2.7	3.4	2.02 No	1.5	Primary Over-Voltage
RVA061	1170	'8588788_/_8588786'	0.47	0.77	3.33	0.91	0.8	0.98	0.67 No	0.47	Primary Over-Voltage
RVA061	1171	'7329339_/_7329337'	0.6	0.77	3.33	0.91	1.2	1.14	0.67 No	0.6	Primary Over-Voltage
RVA061	1172	'8588547_/_8588544'	0.6	0.77	3.33	0.91	1.2	1.14	0.67 No	0.6	Primary Over-Voltage
RVA061	1173	'39418689_/_38000838'	0.5	0.77	3.33	0.91	1.67	0.98	0.67 No	0.5	Primary Over-Voltage
RVA061	1174	'4566760_/_4566757'	1.4	2.3	10	2.73	3.6	3.42	2.02 No	1.4	Primary Over-Voltage
RVA061	1175	'119192987_/_9223146'	1.5	2.2	10	2.73	2.7	3.37	2.02 No	1.5	Primary Over-Voltage
RVA061	1176	'4494583_/_43528879'	0.5	0.73	3.33	0.91	0.5	1.1	0.67 No	0.5	Primary Over-Voltage
RVA061	1177	'8278048_/_8587748'	0.43	0.73	3.33	0.91	0.53	0.97	0.67 No	0.43	Primary Over-Voltage
RVA061	1178	'7962654_/_541656585_2'	0.47	0.73	3.33	0.91	0.3	1.13	0.67 No	0.3	Element Fault
RVA061	1179	'8908072_/_8908069'	0.47	0.73	3.33	0.91	0.9	0.96	0.67 No	0.47	Primary Over-Voltage
RVA061	1180	'76445385_/_9536656_1'	0.43	0.57	3.33	0.91	0.3	1.12	0.67 No	0.3	Element Fault
RVA061	1181	'4566790_/_4566787'	1.4	2.2	10	2.73	3.6	3.37	2.02 No	1.4	Primary Over-Voltage
RVA061	1182	'7644407_/_7963103'	0.47	0.73	3.33	0.91	0.4	1.11	0.67 No	0.4	Element Fault
RVA061	1183	'7644906_/_7963227'	0.6	0.73	3.33	0.91	0.4	1.11	0.67 No	0.4	Element Fault
RVA061	1184	'4566810_/_4567268_1'	0.47	0.73	3.33	0.91	0.3	1.12	0.67 No	0.3	Element Fault
RVA061	1185	'39681942_/_44094931'	0.47	0.73	3.33	0.91	0.83	1.11	0.67 No	0.47	Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RVA061	1186	'7329612_/8588754'	0.57	0.73	3.33	0.91	0.4	1.11	0.67 No	0.4	Element Fault
RVA061	1187	'433778373_/433778375'	1.3	2.1	10	2.73	2.4	3.31	2.02 No	1.3	Primary Over-Voltage
RVA061	1188	'8587719_/8587716'	0.43	0.73	3.33	0.91	0.53	0.97	0.67 No	0.43	Primary Over-Voltage
RVA061	1189	'7329499_/9536814'	0.47	0.73	3.33	0.91	0.53	0.93	0.67 No	0.47	Primary Over-Voltage
RVA061	1190	'37799423_/37799420'	0.43	0.73	3.33	0.91	0.53	0.96	0.67 No	0.43	Primary Over-Voltage
RVA061	1191	'37799409_/37799413'	0.43	0.73	3.33	0.91	0.53	0.96	0.67 No	0.43	Primary Over-Voltage
RVA061	1192	'37799394_/37799392'	0.43	0.73	3.33	0.91	0.53	0.96	0.67 No	0.43	Primary Over-Voltage
RVA061	1193	'8278625_/8278622'	0.47	0.73	3.33	0.91	0.53	0.93	0.67 No	0.47	Primary Over-Voltage
RVA061	1194	'8278064_/8278062_1'	0.4	0.67	3.33	0.91	0.53	0.96	0.67 No	0.4	Primary Over-Voltage
RVA061	1195	'37799395_/696790158'	0.43	0.73	3.33	0.91	0.53	0.96	0.67 No	0.43	Primary Over-Voltage
RVA061	1196	'51310813_/51310839'	0.47	0.73	3.33	0.91	0.3	1.11	0.67 No	0.3	Element Fault
RVA061	1197	'467982215_/9222882'	0.47	0.73	3.33	0.91	0.4	1.1	0.67 No	0.4	Element Fault
RVA061	1198	'402379475_/402379472'	0.43	0.73	3.33	0.91	0.53	0.96	0.67 No	0.43	Primary Over-Voltage
RVA061	1199	'43537616_/4567268_2'	0.47	0.73	3.33	0.91	0.3	1.11	0.67 No	0.3	Element Fault
RVA061	1200	'7083611_/8421342_1'	0.47	0.73	3.33	0.91	0.5	0.96	0.67 No	0.47	Primary Over-Voltage
RVA061	1201	'4566822_/4566997'	1.4	2.2	10	2.73	3.6	3.32	2.02 No	1.4	Primary Over-Voltage
RVA061	1202	'119193069_/119193080'	1.4	2.2	10	2.73	2.7	3.28	2.02 No	1.4	Primary Over-Voltage
RVA061	1203	'40976781_/44105010'	0.47	0.73	3.33	0.91	0.83	1.09	0.67 No	0.47	Primary Over-Voltage
RVA061	1204	'8114317_/8421342_2'	0.47	0.73	3.33	0.91	1.5	0.95	0.67 No	0.47	Primary Over-Voltage
RVA061	1205	'38851676_/44090673'	0.63	0.73	3.33	0.91	1.67	0.95	0.67 No	0.63	Primary Over-Voltage
RVA061	1206	'7329500_/7329497'	0.47	0.73	3.33	0.91	0.53	0.92	0.67 No	0.47	Primary Over-Voltage
RVA061	1207	'4494596_/4494593'	0.47	0.73	3.33	0.91	0.5	1.07	0.67 No	0.47	Primary Over-Voltage
RVA061	1208	'8276976_/497553265'	0.37	0.43	3.33	0.91	0.5	1.08	0.67 No	0.37	Primary Over-Voltage
RVA061	1209	'8278889_/8278886'	0.47	0.73	3.33	0.91	0.9	0.94	0.67 No	0.47	Primary Over-Voltage
RVA061	1210	'40365721_/44098091'	0.47	0.7	3.33	0.91	0.83	1.08	0.67 No	0.47	Primary Over-Voltage
RVA061	1211	'7644634_/51043847'	0.43	0.67	3.33	0.91	0.53	0.91	0.67 No	0.43	Primary Over-Voltage
RVA061	1212	'7643797_/7643794'	0.43	0.7	3.33	0.91	0.53	0.95	0.67 No	0.43	Primary Over-Voltage
RVA061	1213	'7644759_/8588802'	0.47	0.7	3.33	0.91	0.53	0.91	0.67 No	0.47	Primary Over-Voltage
RVA061	1214	'7644109_/8588066'	0.47	0.7	3.33	0.91	0.8	0.94	0.67 No	0.47	Primary Over-Voltage
RVA061	1215	'4567271_/43537618'	0.47	0.7	3.33	0.91	0.3	1.09	0.67 No	0.3	Element Fault
RVA061	1216	'43537559_/4566820'	1.4	2.1	10	2.73	3.6	3.26	2.02 No	1.4	Primary Over-Voltage
RVA061	1217	'9372820_/9372818'	0.43	0.7	3.33	0.91	1.67	0.94	0.67 No	0.43	Primary Over-Voltage
RVA061	1218	'37798800_/37798797'	0.43	0.67	3.33	0.91	0.53	0.91	0.67 No	0.43	Primary Over-Voltage
RVA061	1219	'37798772_/37798769'	0.43	0.67	3.33	0.91	0.53	0.91	0.67 No	0.43	Primary Over-Voltage
RVA061	1220	'8588328_/391326713'	0.5	0.7	3.33	0.91	0.5	1.09	0.67 No	0.5	Primary Over-Voltage
RVA061	1221	'7643812_/658475616'	0.4	0.7	3.33	0.91	0.53	0.94	0.67 No	0.4	Primary Over-Voltage
RVA061	1222	'7912314_/8908053'	1.3	2.1	10	2.73	2.4	3.2	2.02 No	1.3	Primary Over-Voltage
RVA061	1223	'433778149_/433778198'	0.43	0.7	3.33	0.91	0.8	0.93	0.67 No	0.43	Primary Over-Voltage
RVA061	1224	'119193024_/119193098'	1.4	2.1	10	2.73	2.7	3.2	2.02 No	1.4	Primary Over-Voltage
RVA061	1225	'7644554_/9536752'	0.43	0.7	3.33	0.91	0.9	0.93	0.67 No	0.43	Primary Over-Voltage
RVA061	1226	'4495023_/4495020'	0.47	0.7	3.33	0.91	0.5	1.05	0.67 No	0.47	Primary Over-Voltage
RVA061	1227	'7912345_/8278576'	0.53	0.7	3.33	0.91	0.3	1.07	0.67 No	0.3	Element Fault
RVA061	1228	'7644907_/7644904'	0.57	0.7	3.33	0.91	0.4	1.06	0.67 No	0.4	Element Fault
RVA061	1229	'7641191_/8902190_1'	0.47	0.7	3.33	0.91	0.3	1.05	0.67 No	0.3	Element Fault
RVA061	1230	'7328937_/348583630_1'	0.53	0.7	3.33	0.91	0.53	0.93	0.67 No	0.53	Primary Over-Voltage
RVA061	1231	'43537482_/7083609'	0.47	0.7	3.33	0.91	0.5	0.93	0.67 No	0.47	Primary Over-Voltage
RVA061	1232	'7329579_/7912515'	0.47	0.7	3.33	0.91	0.53	0.9	0.67 No	0.47	Primary Over-Voltage
RVA061	1233	'37799185_/51043929'	0.9	1.4	10	2.73	1.6	3.14	2.02 No	0.9	Primary Over-Voltage
RVA061	1234	'37799150_/37799182'	0.9	1.4	10	2.73	1.6	3.14	2.02 No	0.9	Primary Over-Voltage
RVA061	1235	'8902193_/8902190_2'	0.47	0.7	3.33	0.91	0.3	1.04	0.67 No	0.3	Element Fault
RVA061	1236	'40671048_/44101463'	0.43	0.7	3.33	0.91	0.83	1.05	0.67 No	0.43	Primary Over-Voltage
RVA061	1237	'8278903_/119193029'	1.4	2.1	10	2.73	2.7	3.16	2.02 No	1.4	Primary Over-Voltage
RVA061	1238	'51310781_/51310820'	0.43	0.7	3.33	0.91	0.3	1.06	0.67 No	0.3	Element Fault
RVA061	1239	'4566840_/43537561'	1.3	2.1	10	2.73	3.6	3.19	2.02 No	1.3	Primary Over-Voltage
RVA061	1240	'9220387_/156951368'	0.43	0.67	3.33	0.91	0.53	0.89	0.67 No	0.43	Primary Over-Voltage
RVA061	1241	'7912313_/7912311'	1.3	2.1	10	2.73	2.4	3.13	2.02 No	1.3	Primary Over-Voltage
RVA061	1242	'37799892_/7644404'	0.43	0.7	3.33	0.91	0.4	1.05	0.67 No	0.4	Element Fault
RVA061	1243	'4566491_/4566488'	0.47	0.7	3.33	0.91	0.5	0.92	0.67 No	0.47	Primary Over-Voltage
RVA061	1244	'7329596_/7329609'	0.53	0.7	3.33	0.91	0.4	1.04	0.67 No	0.4	Element Fault
RVA061	1245	'43528991_/4495085'	0.47	0.7	3.33	0.91	0.5	1.03	0.67 No	0.47	Primary Over-Voltage
RVA061	1246	'37799437_/37799441'	0.4	0.67	3.33	0.91	0.53	0.92	0.67 No	0.4	Primary Over-Voltage
RVA061	1247	'37799444_/37799448'	0.4	0.67	3.33	0.91	0.53	0.92	0.67 No	0.4	Primary Over-Voltage
RVA061	1248	'37799451_/7643810'	0.4	0.67	3.33	0.91	0.53	0.92	0.67 No	0.4	Primary Over-Voltage
RVA061	1249	'8905927_/156951393'	0.43	0.67	3.33	0.91	0.53	0.89	0.67 No	0.43	Primary Over-Voltage
RVA061	1250	'37799465_/37799469'	0.4	0.67	3.33	0.91	0.53	0.92	0.67 No	0.4	Primary Over-Voltage
RVA061	1251	'8278065_/721526238'	0.4	0.67	3.33	0.91	0.53	0.91	0.67 No	0.4	Primary Over-Voltage
RVA061	1252	'4566857_/4566854'	1.3	2	10	2.73	3.6	3.14	2.02 No	1.3	Primary Over-Voltage
RVA061	1253	'7476637_/534248108'	0.43	0.67	3.33	0.91	0.53	0.88	0.67 No	0.43	Primary Over-Voltage
RVA061	1254	'9221893_/9221890'	0.4	0.67	3.33	0.91	0.53	0.91	0.67 No	0.4	Primary Over-Voltage
RVA061	1255	'7962670_/541656594'	0.43	0.67	3.33	0.91	0.3	1.05	0.67 No	0.3	Element Fault
RVA061	1256	'433778077_/433778126'	1.2	2	10	2.73	2.4	3.1	2.02 No	1.2	Primary Over-Voltage
RVA061	1257	'4566922_/4566935_1'	0.43	0.67	3.33	0.91	0.3	1.04	0.67 No	0.3	Element Fault
RVA061	1258	'7644758_/7644756'	0.43	0.67	3.33	0.91	0.53	0.88	0.67 No	0.43	Primary Over-Voltage
RVA061	1259	'7327573_/506990149'	0.37	0.43	3.33	0.91	0.5	1.03	0.67 No	0.37	Primary Over-Voltage
RVA061	1260	'7329755_/7329753'	0.53	0.67	3.33	0.91	0.83	0.9	0.67 No	0.53	Primary Over-Voltage
RVA061	1261	'7644891_/7644888'	0.43	0.67	3.33	0.91	0.83	0.9	0.67 No	0.43	Primary Over-Voltage
RVA061	1262	'37813600_/9223022'	0.53	0.67	3.33	0.91	0.4	1.03	0.67 No	0.4	Element Fault
RVA061	1263	'8278902_/8278900'	1.3	2	10	2.73	2.7	3.08	2.02 No	1.3	Primary Over-Voltage
RVA061	1264	'4566504_/4566501'	0.47	0.67	3.33	0.91	0.5	0.91	0.67 No	0.47	Primary Over-Voltage
RVA061	1265	'4566951_/4566948'	1.3	2	10	2.73	3.6	3.1	2.02 No	1.3	Primary Over-Voltage
RVA061	1266	'7328718_/7962683_1'	1.3	2	10	2.73	1.1	3.1	2.02 No	1.1	Element Fault
RVA061	1267	'7327423_/156951416'	0.43	0.67	3.33	0.91	0.53	0.88	0.67 No	0.43	Primary Over-Voltage
RVA061	1268	'43537594_/43537596'	0.43	0.67	3.33	0.91	1.1	1.03	0.67 No	0.43	Primary Over-Voltage
RVA061	1269	'7644555_/7644552'	0.4	0.67	3.33	0.91	0.9	0.9	0.67 No	0.4	Primary Over-Voltage
RVA061	1270	'4566971_/43537607_2'	0.43	0.67	3.33	0.91	1.1	1.03	0.67 No	0.43	Primary Over-Voltage
RVA061	1271	'36337942_/44084777'	0.43	0.67	3.33	0.91	0.83	1.01	0.67 No	0.43	Primary Over-Voltage
RVA061	1272	'8588611_/51043887'	0.43	0.67	3.33	0.91	0.53	0.87	0.67 No	0.43	Primary Over-Voltage
RVA061	1273	'7644074_/7644072'	0.8	1.1	10	2.73	2.4	3.03	2.02 No	0.8	Primary Over-Voltage
RVA061	1274	'8588855_/8588852'	1.3	2	10	2.73	2.7	3.04	2.02 No	1.3	Primary Over-Voltage
RVA061	1275	'43537583_/4566935_2'	0.43	0.67	3.33	0.91	0.3	1.02	0.67 No	0.3	Element Fault
RVA061	1276	'43537605_/43537607_1'	0.43	0.67	3.33	0.91	0.3	1.02	0.67 No	0.3	Element Fault
RVA061	1277	'4495035_/43528993'	0.43	0.67	3.33	0.91	0.5	0.99	0.67 No	0.43	Primary Over-Voltage
RVA061	1278	'7962617_/90535227'	0.4	0.67	3.33	0.91	0.53	0.89	0.67 No	0.4	Primary Over-Voltage
RVA061	1279	'9053987_/9533586'	0.43	0.67	3.33	0.91	0.3	0.99	0.67 No	0.3	Element Fault

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage	Regulator	Thermal	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
				Deviation	Deviation	Discharging				VSR (MW)	Limiting Threshold
RVA061	1280	'43537493_/_4566530'		0.43	0.67	3.33	0.91	0.5	0.89	0.67 No	0.43 Primary Over-Voltage
RVA061	1281	'38112645_/_44087951'		0.43	0.67	3.33	0.91	0.83	1	0.67 No	0.43 Primary Over-Voltage
RVA061	1282	'7328737_/_541656603'		0.43	0.67	3.33	0.91	0.3	1.01	0.67 No	0.3 Element Fault
RVA061	1283	'4566970_/_4566968'		0.43	0.67	3.33	0.91	0.3	1.01	0.67 No	0.3 Element Fault
RVA061	1284	'8741698_/_9058755'		0.8	1.1	10	2.73	2.4	2.98	2.02 No	0.8 Primary Over-Voltage
RVA061	1285	'51310545_/_7912343'		0.5	0.63	3.33	0.91	0.3	1	0.67 No	0.3 Element Fault
RVA061	1286	'51310577_/_51310603'		0.5	0.63	3.33	0.91	0.3	1	0.67 No	0.3 Element Fault
RVA061	1287	'7329595_/_7329593'		0.5	0.63	3.33	0.91	0.4	0.99	0.67 No	0.4 Element Fault
RVA061	1288	'7481213_/_7481210'		0.57	0.63	3.33	0.91	1.67	0.88	0.67 No	0.57 Primary Over-Voltage
RVA061	1289	'4566880_/_4566877'		0.43	0.63	3.33	0.91	0.9	1	0.67 No	0.43 Primary Over-Voltage
RVA061	1290	'51310516_/_51310584'		0.5	0.63	3.33	0.91	0.3	1	0.67 No	0.3 Element Fault
RVA061	1291	'4566938_/_43537585'		0.43	0.63	3.33	0.91	0.3	1	0.67 No	0.3 Element Fault
RVA061	1292	'7327424_/_156951438'		0.43	0.63	3.33	0.91	0.53	0.85	0.67 No	0.43 Primary Over-Voltage
RVA061	1293	'4566520_/_4566517'		0.43	0.63	3.33	0.91	0.5	0.88	0.67 No	0.43 Primary Over-Voltage
RVA061	1294	'118111041_/_8741696_1'		1.2	1.8	10	2.73	5	2.95	2.02 No	1.2 Primary Over-Voltage
RVA061	1295	'4495036_/_4495033'		0.43	0.63	3.33	0.91	0.5	0.96	0.67 No	0.43 Primary Over-Voltage
RVA061	1296	'8902160_/_8902174'		0.43	0.63	3.33	0.91	0.5	0.96	0.67 No	0.43 Primary Over-Voltage
RVA061	1297	'4566893_/_4566890'		0.43	0.63	3.33	0.91	0.9	0.98	0.67 No	0.43 Primary Over-Voltage
RVA061	1298	'7644619_/_51310783'		0.4	0.63	3.33	0.91	0.3	0.98	0.67 No	0.3 Element Fault
RVA061	1299	'7963281_/_9537086'		1.2	1.9	10	2.73	2.7	2.92	2.02 No	1.2 Primary Over-Voltage
RVA061	1300	'7476636_/_534248099'		0.4	0.63	3.33	0.91	0.53	0.84	0.67 No	0.4 Primary Over-Voltage
RVA061	1301	'7643876_/_7962683_2'		1.2	1.9	10	2.73	1.1	2.93	2.02 No	1.1 Element Fault
RVA061	1302	'8902161_/_8902158'		0.4	0.63	3.33	0.91	0.3	0.95	0.67 No	0.3 Element Fault
RVA061	1303	'8278096_/_9536074'		0.37	0.63	3.33	0.91	0.53	0.86	0.67 No	0.37 Primary Over-Voltage
RVA061	1304	'7644525_/_7644522'		0.37	0.63	3.33	0.91	0.4	0.86	0.67 No	0.37 Primary Over-Voltage
RVA061	1305	'7644586_/_51310518'		0.5	0.63	3.33	0.91	0.3	0.97	0.67 No	0.3 Element Fault
RVA061	1306	'4566545_/_4566582'		0.43	0.63	3.33	0.91	0.5	0.86	0.67 No	0.43 Primary Over-Voltage
RVA061	1307	'7912330_/_8588560'		0.37	0.63	3.33	0.91	0.9	0.85	0.67 No	0.37 Primary Over-Voltage
RVA061	1308	'8233333_/_8907677'		0.37	0.63	3.33	0.91	0.53	0.86	0.67 No	0.37 Primary Over-Voltage
RVA061	1309	'7327574_/_370190256'		0.37	0.43	3.33	0.91	0.5	0.96	0.67 No	0.37 Primary Over-Voltage
RVA061	1310	'43528980_/_4495046'		0.4	0.63	3.33	0.91	0.5	0.95	0.67 No	0.4 Primary Over-Voltage
RVA061	1311	'7329580_/_7329577'		0.4	0.63	3.33	0.91	0.53	0.83	0.67 No	0.4 Primary Over-Voltage
RVA061	1312	'8412457_/_9058799'		0.53	0.63	3.33	0.91	1.5	0.86	0.67 No	0.53 Primary Over-Voltage
RVA061	1313	'8277900_/_270409816'		0.4	0.63	3.33	0.91	0.3	0.95	0.67 No	0.3 Element Fault
RVA061	1314	'8587939_/_8587936'		0.8	1.27	6.67	1.82	0.73	1.94	1.34 No	0.73 Element Fault
RVA061	1315	'7328738_/_537655259'		0.4	0.63	3.33	0.91	0.3	0.97	0.67 No	0.3 Element Fault
RVA061	1316	'9058817_/_8412454'		0.37	0.6	3.33	0.91	1.67	0.85	0.67 No	0.37 Primary Over-Voltage
RVA061	1317	'7329404_/_7912327'		0.37	0.6	3.33	0.91	0.9	0.84	0.67 No	0.37 Primary Over-Voltage
RVA061	1318	'43537515_/_4566569'		0.4	0.6	3.33	0.91	0.5	0.84	0.67 No	0.4 Primary Over-Voltage
RVA061	1319	'7963282_/_7963279'		1.2	1.8	10	2.73	2.7	2.82	2.02 No	1.2 Primary Over-Voltage
RVA061	1320	'435776765_/_278281813'		1.2	1.8	10	2.73	1.1	2.84	2.02 No	1.1 Element Fault
RVA061	1321	'7643520_/_8277898_1'		0.37	0.57	3.33	0.91	0.3	0.93	0.67 No	0.3 Element Fault
RVA061	1322	'7962973_/_8278094'		0.37	0.6	3.33	0.91	0.53	0.84	0.67 No	0.37 Primary Over-Voltage
RVA061	1323	'36301095_/_8740656'		0.53	0.6	3.33	0.91	1.67	0.84	0.67 No	0.53 Primary Over-Voltage
RVA061	1324	'9222836_/_9536800'		0.37	0.6	3.33	0.91	0.4	0.84	0.67 No	0.37 Primary Over-Voltage
RVA061	1325	'7329772_/_7963299'		1.2	1.8	10	2.73	2.7	2.81	2.02 No	1.2 Primary Over-Voltage
RVA061	1326	'43537572_/_4566906'		0.43	0.6	3.33	0.91	0.9	0.95	0.67 No	0.43 Primary Over-Voltage
RVA061	1327	'4566546_/_4566543'		0.4	0.6	3.33	0.91	0.5	0.84	0.67 No	0.4 Primary Over-Voltage
RVA061	1328	'7480146_/_44084069'		0.37	0.6	3.33	0.91	1.67	0.84	0.67 No	0.37 Primary Over-Voltage
RVA061	1329	'4495062_/_43528982'		0.4	0.6	3.33	0.91	0.5	0.92	0.67 No	0.4 Primary Over-Voltage
RVA061	1330	'4566598_/_4566595'		0.4	0.6	3.33	0.91	0.5	0.84	0.67 No	0.4 Primary Over-Voltage
RVA061	1331	'7329771_/_7963339'		1.2	1.8	10	2.73	2.7	2.79	2.02 No	1.2 Primary Over-Voltage
RVA061	1332	'7327075_/_156951462'		0.43	0.6	3.33	0.91	0.53	0.81	0.67 No	0.43 Primary Over-Voltage
RVA061	1333	'7643860_/_599174089'		0.33	0.6	3.33	0.91	0.53	0.83	0.67 No	0.33 Primary Over-Voltage
RVA061	1334	'435776809_/_435776828'		1.2	1.8	10	2.73	1.1	2.8	2.02 No	1.1 Element Fault
RVA061	1335	'7963322_/_49444898'		1.2	1.8	10	2.73	2.7	2.78	2.02 No	1.2 Primary Over-Voltage
RVA061	1336	'4566558_/_43537506'		0.4	0.6	3.33	0.91	0.5	0.83	0.67 No	0.4 Primary Over-Voltage
RVA061	1337	'8906613_/_514755436'		0.4	0.6	3.33	0.91	0.53	0.81	0.67 No	0.4 Primary Over-Voltage
RVA061	1338	'7327076_/_7327073'		0.43	0.6	3.33	0.91	0.53	0.8	0.67 No	0.43 Primary Over-Voltage
RVA061	1339	'4566611_/_4566608'		0.4	0.6	3.33	0.91	0.5	0.83	0.67 No	0.4 Primary Over-Voltage
RVA061	1340	'435776721_/_435776854'		1.2	1.8	10	2.73	1.1	2.78	2.02 No	1.1 Element Fault
RVA061	1341	'7791868_/_68018730'		0.5	0.6	3.33	0.91	0.5	0.83	0.67 No	0.5 Primary Over-Voltage
RVA061	1342	'4566643_/_4566692'		0.4	0.6	3.33	0.91	0.5	0.83	0.67 No	0.4 Primary Over-Voltage
RVA061	1343	'7328922_/_7328919_2'		0.4	0.6	3.33	0.91	0.5	0.83	0.67 No	0.4 Primary Over-Voltage
RVA061	1344	'7912378_/_7912375'		0.37	0.6	3.33	0.91	0.3	0.92	0.67 No	0.3 Element Fault
RVA061	1345	'7787463_/_9533602'		0.4	0.6	3.33	0.91	0.3	0.91	0.67 No	0.3 Element Fault
RVA061	1346	'545832294_/_534248090'		0.4	0.6	3.33	0.91	0.53	0.8	0.67 No	0.4 Primary Over-Voltage
RVA061	1347	'8233332_/_8233330'		0.33	0.6	3.33	0.91	0.53	0.82	0.67 No	0.33 Primary Over-Voltage
RVA061	1348	'39986959_/_7962971_1'		0.37	0.6	3.33	0.91	0.8	0.82	0.67 No	0.37 Primary Over-Voltage
RVA061	1349	'4495075_/_4495072'		0.4	0.6	3.33	0.91	0.5	0.9	0.67 No	0.4 Primary Over-Voltage
RVA061	1350	'7329387_/_7329385'		0.4	0.6	3.33	0.91	0.8	0.82	0.67 No	0.4 Primary Over-Voltage
RVA061	1351	'4566572_/_43537517'		0.4	0.6	3.33	0.91	0.5	0.82	0.67 No	0.4 Primary Over-Voltage
RVA061	1352	'4566656_/_4566653'		0.4	0.6	3.33	0.91	0.5	0.82	0.67 No	0.4 Primary Over-Voltage
RVA061	1353	'8908104_/_8908101'		0.37	0.6	3.33	0.91	0.53	0.8	0.67 No	0.37 Primary Over-Voltage
RVA061	1354	'43537537_/_43537539'		0.4	0.6	3.33	0.91	0.5	0.82	0.67 No	0.4 Primary Over-Voltage
RVA061	1355	'7327092_/_7327089'		0.43	0.6	3.33	0.91	0.53	0.8	0.67 No	0.43 Primary Over-Voltage
RVA061	1356	'4566626_/_267878683_2'		0.4	0.6	3.33	0.91	0.5	0.82	0.67 No	0.4 Primary Over-Voltage
RVA061	1357	'52335274_/_4566705'		0.4	0.6	3.33	0.91	0.5	0.82	0.67 No	0.4 Primary Over-Voltage
RVA061	1358	'69541935_/_69541954'		0.4	0.57	3.33	0.91	0.9	0.81	0.67 No	0.4 Primary Over-Voltage
RVA061	1359	'52335635_/_52335481_1'		0.4	0.57	3.33	0.91	0.3	0.82	0.67 No	0.3 Element Fault
RVA061	1360	'7329451_/_9222834'		0.37	0.57	3.33	0.91	0.4	0.81	0.67 No	0.37 Primary Over-Voltage
RVA061	1361	'7642383_/_497553250'		0.37	0.43	3.33	0.91	0.5	0.9	0.67 No	0.37 Primary Over-Voltage
RVA061	1362	'43528969_/_4503135'		0.4	0.57	3.33	0.91	0.5	0.89	0.67 No	0.4 Primary Over-Voltage
RVA061	1363	'278281951_/_435776725'		1.2	1.7	10	2.73	1.1	2.72	2.02 No	1.1 Element Fault
RVA061	1364	'4566909_/_43537574'		0.43	0.57	3.33	0.91	0.9	0.91	0.67 No	0.43 Primary Over-Voltage
RVA061	1365	'4566708_/_52335276'		0.4	0.57	3.33	0.91	0.5	0.81	0.67 No	0.4 Primary Over-Voltage
RVA061	1366	'7643844_/_7643842_1'		0.4	0.57	3.33	0.91	0.3	0.81	0.67 No	0.3 Element Fault
RVA061	1367	'7328482_/_7787461'		0.37	0.57	3.33	0.91	0.3	0.89	0.67 No	0.3 Element Fault
RVA061	1368	'50271814_/_50271816'		1.1	1.7	10	2.73	2.7	2.69	2.02 No	1.1 Primary Over-Voltage
RVA061	1369	'4566669_/_4566666'		0.4	0.57	3.33	0.91	0.5	0.81	0.67 No	0.4 Primary Over-Voltage
RVA061	1370	'9222756_/_9536720'		0.37	0.57	3.33	0.91	0.8	0.8	0.67 No	0.37 Primary Over-Voltage
RVA061	1371	'86413174_/_86413185'		1.1	1.7	10	2.73	1.1	2.69	2.02 No	1.1 Primary Over-Voltage
RVA061	1372	'7643861_/_7643858'		0.33	0.57	3.33	0.91	0.53	0.8	0.67 No	0.33 Primary Over-Voltage
RVA061	1373	'7644587_/_7644584'		0.43	0.57	3.33	0.91	0.3	0.89	0.67 No	0.3 Element Fault

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RVA061	1374	'7644603_/8588576'		0.43	0.57	3.33	0.91	0.3	0.89	0.67 No	0.3 Element Fault
RVA061	1375	'278281808_/86413203'		1.1	1.7	10	2.73	1.1	2.68	2.02 No	1.1 Primary Over-Voltage
RVA061	1376	'9220623_/534248081'		0.37	0.57	3.33	0.91	0.53	0.78	0.67 No	0.37 Primary Over-Voltage
RVA061	1377	'7643765_/26787683_1'		0.4	0.57	3.33	0.91	0.3	0.8	0.67 No	0.3 Element Fault
RVA061	1378	'278281872_/278281917'		1.1	1.7	10	2.73	1.1	2.67	2.02 No	1.1 Primary Over-Voltage
RVA061	1379	'8278129_/8278126'		0.33	0.57	3.33	0.91	0.53	0.8	0.67 No	0.33 Primary Over-Voltage
RVA061	1380	'8233567_/8588114'		0.33	0.57	3.33	0.91	0.53	0.8	0.67 No	0.33 Primary Over-Voltage
RVA061	1381	'50271879_/50271886'		1.1	1.7	10	2.73	2.7	2.64	2.02 No	1.1 Primary Over-Voltage
RVA061	1382	'86413111_/278281891'		1.1	1.7	10	2.73	1.1	2.66	2.02 No	1.1 Primary Over-Voltage
RVA061	1383	'354716879_/354716883'		1.1	1.7	10	2.73	1.1	2.66	2.02 No	1.1 Primary Over-Voltage
RVA061	1384	'402403819_/402403816'		0.43	0.57	3.33	0.91	0.4	0.79	0.67 No	0.4 Element Fault
RVA061	1385	'7328481_/7328479'		0.37	0.57	3.33	0.91	0.3	0.87	0.67 No	0.3 Element Fault
RVA061	1386	'354716835_/354716839'		0.73	1.13	6.67	1.82	0.73	1.75	1.34 No	0.73 Primary Over-Voltage
RVA061	1387	'8586721_/497553235'		0.37	0.43	3.33	0.91	0.5	0.87	0.67 No	0.37 Primary Over-Voltage
RVA061	1388	'9222853_/9222850'		0.37	0.57	3.33	0.91	0.53	0.77	0.67 No	0.37 Primary Over-Voltage
RVA061	1389	'4566682_/4566679'		0.37	0.57	3.33	0.91	0.5	0.79	0.67 No	0.37 Primary Over-Voltage
RVA061	1390	'7328921_/7328919_1'		0.37	0.57	3.33	0.91	0.3	0.79	0.67 No	0.3 Element Fault
RVA061	1391	'465432840_/465432844'		0.73	1.07	6.67	1.82	0.73	1.74	1.34 No	0.73 Primary Over-Voltage
RVA061	1392	'37813614_/37813611'		0.43	0.57	3.33	0.91	0.4	0.79	0.67 No	0.4 Element Fault
RVA061	1393	'68924554_/64846806'		0.43	0.57	3.33	0.91	0.4	0.79	0.67 No	0.4 Element Fault
RVA061	1394	'4575419_/7791937'		0.5	0.57	3.33	0.91	0.5	0.79	0.67 No	0.5 Primary Over-Voltage
RVA061	1395	'7644473_/7644600'		0.43	0.57	3.33	0.91	0.3	0.88	0.67 No	0.3 Element Fault
RVA061	1396	'52335474_/52335481_2'		0.37	0.57	3.33	0.91	0.3	0.79	0.67 No	0.3 Element Fault
RVA061	1397	'43538697_/4575448'		0.5	0.57	3.33	0.91	0.5	0.79	0.67 No	0.5 Primary Over-Voltage
RVA061	1398	'7960696_/7960693'		0.43	0.57	3.33	0.91	0.53	0.77	0.67 No	0.43 Primary Over-Voltage
RVA061	1399	'9222805_/9222802'		0.37	0.57	3.33	0.91	0.3	0.87	0.67 No	0.3 Element Fault
RVA061	1400	'50271845_/50271907'		1.1	1.7	10	2.73	2.7	2.6	2.02 No	1.1 Primary Over-Voltage
RVA061	1401	'7644472_/7644470'		0.43	0.57	3.33	0.91	0.3	0.87	0.67 No	0.3 Element Fault
RVA061	1402	'8907647_/9536238_2'		0.47	0.53	3.33	0.91	0.3	0.78	0.67 No	0.3 Element Fault
RVA061	1403	'4575451_/9536238_1'		0.47	0.53	3.33	0.91	0.3	0.78	0.67 No	0.3 Element Fault
RVA061	1404	'4578591_/8233564'		0.33	0.53	3.33	0.91	0.53	0.78	0.67 No	0.33 Primary Over-Voltage
RVA061	1405	'8278482_/9222754'		0.37	0.53	3.33	0.91	0.8	0.78	0.67 No	0.37 Primary Over-Voltage
RVA061	1406	'465432798_/465432802'		1.1	1.6	10	2.73	1.1	2.59	2.02 No	1.1 Primary Over-Voltage
RVA061	1407	'37813327_/7963319'		1.1	1.6	10	2.73	2.7	2.57	2.02 No	1.1 Primary Over-Voltage
RVA061	1408	'7643845_/7643842_2'		0.37	0.53	3.33	0.91	0.3	0.77	0.67 No	0.3 Element Fault
RVA061	1409	'7960959_/8586480'		0.43	0.53	3.33	0.91	0.53	0.76	0.67 No	0.43 Primary Over-Voltage
RVA061	1410	'8907648_/8907645'		0.47	0.53	3.33	0.91	0.3	0.77	0.67 No	0.3 Element Fault
RVA061	1411	'4578574_/4578588'		0.3	0.53	3.33	0.91	0.53	0.77	0.67 No	0.3 Primary Over-Voltage
RVA061	1412	'7329452_/7329449'		0.33	0.53	3.33	0.91	0.4	0.76	0.67 No	0.33 Primary Over-Voltage
RVA061	1413	'8233500_/9221922'		0.37	0.53	3.33	0.91	0.3	0.77	0.67 No	0.3 Element Fault
RVA061	1414	'4575435_/4575432'		0.47	0.53	3.33	0.91	0.5	0.77	0.67 No	0.47 Primary Over-Voltage
RVA061	1415	'7644022_/8587816'		0.3	0.53	3.33	0.91	0.53	0.77	0.67 No	0.3 Primary Over-Voltage
RVA061	1416	'8906522_/497553212'		0.37	0.43	3.33	0.91	0.5	0.84	0.67 No	0.37 Primary Over-Voltage
RVA061	1417	'64846746_/64846753'		0.43	0.53	3.33	0.91	0.4	0.76	0.67 No	0.4 Element Fault
RVA061	1418	'8233349_/267878672'		0.37	0.53	3.33	0.91	0.3	0.76	0.67 No	0.3 Element Fault
RVA061	1419	'8278483_/8278480'		0.37	0.53	3.33	0.91	0.8	0.76	0.67 No	0.37 Primary Over-Voltage
RVA061	1420	'52335505_/52335512'		0.37	0.53	3.33	0.91	0.3	0.76	0.67 No	0.3 Element Fault
RVA061	1421	'7960912_/154874380'		0.33	0.53	3.33	0.91	0.53	0.74	0.67 No	0.33 Primary Over-Voltage
RVA061	1422	'43538817_/43538882'		0.3	0.53	3.33	0.91	0.53	0.76	0.67 No	0.3 Primary Over-Voltage
RVA061	1423	'90535199_/90535186_1'		0.3	0.53	3.33	0.91	0.53	0.75	0.67 No	0.3 Primary Over-Voltage
RVA061	1424	'427591327_/427591331'		1	1.6	10	2.73	1.1	2.48	2.02 No	1 Primary Over-Voltage
RVA061	1425	'7960727_/51043803'		0.43	0.53	3.33	0.91	0.53	0.73	0.67 No	0.43 Primary Over-Voltage
RVA061	1426	'4580891_/7083625'		0.47	0.5	3.33	0.91	0.5	0.75	0.67 No	0.47 Primary Over-Voltage
RVA061	1427	'427591371_/427591416'		1	1.5	10	2.73	1.1	2.46	2.02 No	1 Primary Over-Voltage
RVA061	1428	'8278594_/9536784'		0.33	0.5	3.33	0.91	0.3	0.82	0.67 No	0.3 Element Fault
RVA061	1429	'7963122_/8588082'		0.33	0.5	3.33	0.91	0.3	0.74	0.67 No	0.3 Element Fault
RVA061	1430	'7329403_/7329401_1'		0.33	0.5	3.33	0.91	0.9	0.82	0.67 No	0.33 Primary Over-Voltage
RVA061	1431	'427591283_/427591390'		1	1.5	10	2.73	1.1	2.45	2.02 No	1 Primary Over-Voltage
RVA061	1432	'7329468_/7329465'		0.3	0.5	3.33	0.91	0.4	0.73	0.67 No	0.3 Primary Over-Voltage
RVA061	1433	'4580892_/4580889'		0.43	0.5	3.33	0.91	0.5	0.74	0.67 No	0.43 Primary Over-Voltage
RVA061	1434	'8278498_/9536672'		0.33	0.5	3.33	0.91	0.8	0.73	0.67 No	0.33 Primary Over-Voltage
RVA061	1435	'7644023_/7644020'		0.3	0.5	3.33	0.91	0.53	0.74	0.67 No	0.3 Primary Over-Voltage
RVA061	1436	'8588462_/9222610'		0.33	0.5	3.33	0.91	0.3	0.74	0.67 No	0.3 Element Fault
RVA061	1437	'4580905_/4580902'		0.43	0.5	3.33	0.91	0.5	0.73	0.67 No	0.43 Primary Over-Voltage
RVA061	1438	'8588463_/8588460'		0.33	0.5	3.33	0.91	0.3	0.73	0.67 No	0.3 Element Fault
RVA061	1439	'50983018_/8907489'		1	1.5	10	2.73	1.1	2.4	2.02 No	1 Primary Over-Voltage
RVA061	1440	'50983080_/50983087'		1	1.5	10	2.73	1.1	2.4	2.02 No	1 Primary Over-Voltage
RVA061	1441	'50983050_/50983108'		1	1.5	10	2.73	1.1	2.39	2.02 No	1 Primary Over-Voltage
RVA061	1442	'52335536_/52335543'		0.33	0.5	3.33	0.91	0.3	0.73	0.67 No	0.3 Element Fault
RVA061	1443	'7962786_/90535186_2'		0.3	0.5	3.33	0.91	0.53	0.73	0.67 No	0.3 Primary Over-Voltage
RVA061	1444	'7643877_/7643874'		0.4	0.5	3.33	0.91	0.37	0.71	0.67 No	0.37 Element Fault
RVA061	1445	'7962921_/8588242'		0.33	0.5	3.33	0.91	0.3	0.72	0.67 No	0.3 Element Fault
RVA061	1446	'8233501_/8233498'		0.33	0.5	3.33	0.91	0.3	0.72	0.67 No	0.3 Element Fault
RVA061	1447	'43539380_/4580941'		0.43	0.5	3.33	0.91	0.5	0.72	0.67 No	0.43 Primary Over-Voltage
RVA061	1448	'7641899_/534248072'		0.33	0.5	3.33	0.91	0.53	0.7	0.67 No	0.33 Primary Over-Voltage
RVA061	1449	'8278466_/9222738'		0.3	0.5	3.33	0.91	0.53	0.71	0.67 No	0.3 Primary Over-Voltage
RVA061	1450	'37799640_/50983052'		1	1.5	10	2.73	1.1	2.34	2.02 No	1 Primary Over-Voltage
RVA061	1451	'52335567_/52335574'		0.33	0.5	3.33	0.91	0.3	0.71	0.67 No	0.3 Element Fault
RVA061	1452	'7327123_/370190231'		0.37	0.43	3.33	0.91	0.5	0.77	0.67 No	0.37 Primary Over-Voltage
RVA061	1453	'7960728_/156951484'		0.43	0.5	3.33	0.91	0.53	0.7	0.67 No	0.43 Primary Over-Voltage
RVA061	1454	'7963121_/7963119'		0.33	0.5	3.33	0.91	0.3	0.71	0.67 No	0.3 Element Fault
RVA061	1455	'40086928_/7962919'		0.33	0.5	3.33	0.91	0.3	0.71	0.67 No	0.3 Element Fault
RVA061	1456	'7644188_/9222470'		0.33	0.47	3.33	0.91	0.3	0.71	0.67 No	0.3 Element Fault
RVA061	1457	'4580918_/43539382'		0.43	0.47	3.33	0.91	0.5	0.71	0.67 No	0.43 Primary Over-Voltage
RVA061	1458	'7912300_/8278608'		0.3	0.47	3.33	0.91	0.4	0.7	0.67 No	0.3 Primary Over-Voltage
RVA061	1459	'7641898_/534248063'		0.3	0.47	3.33	0.91	0.53	0.69	0.67 No	0.3 Primary Over-Voltage
RVA061	1460	'52335598_/52335605'		0.33	0.47	3.33	0.91	0.3	0.7	0.67 No	0.3 Element Fault
RVA061	1461	'7644189_/7644186'		0.33	0.47	3.33	0.91	0.3	0.7	0.67 No	0.3 Element Fault
RVA061	1462	'4581075_/4581072'		0.43	0.47	3.33	0.91	0.5	0.7	0.67 No	0.43 Primary Over-Voltage
RVA061	1463	'7327057_/51043784'		0.3	0.47	3.33	0.91	0.53	0.68	0.67 No	0.3 Primary Over-Voltage
RVA061	1464	'8586498_/156956844'		0.4	0.47	3.33	0.91	0.53	0.68	0.67 No	0.4 Primary Over-Voltage
RVA061	1465	'8278499_/8278496'		0.3	0.47	3.33	0.91	0.8	0.69	0.67 No	0.3 Primary Over-Voltage
RVA061	1466	'43539334_/4581085'		0.4	0.47	3.33	0.91	0.5	0.69	0.67 No	0.4 Primary Over-Voltage
RVA061	1467	'390426263_/497553191'		0.37	0.43	3.33	0.91	0.5	0.74	0.67 No	0.37 Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RVA061	1468	'922821_/_9536688'	0.3	0.47	3.33	0.91	0.8	0.68	0.67 No	0.3	Primary Over-Voltage
RVA061	1469	'7963138_/_8588528'	0.3	0.47	3.33	0.91	0.3	0.68	0.67 No	0.3	Primary Over-Voltage
RVA061	1470	'4579796_/_4581059'	0.4	0.47	3.33	0.91	0.5	0.68	0.67 No	0.4	Primary Over-Voltage
RVA061	1471	'7329867_/_7329865_1'	0.4	0.43	3.33	0.91	0.3	0.67	0.67 No	0.3	Element Fault
RVA061	1472	'8586499_/_156956866'	0.4	0.43	3.33	0.91	0.53	0.65	0.67 No	0.4	Primary Over-Voltage
RVA061	1473	'4579782_/_4579793'	0.4	0.43	3.33	0.91	0.5	0.67	0.67 No	0.4	Primary Over-Voltage
RVA061	1474	'7963137_/_7963135'	0.3	0.43	3.33	0.91	0.3	0.67	0.67 No	0.3	Primary Over-Voltage
RVA061	1475	'7329868_/_7329865_2'	0.4	0.43	3.33	0.91	0.3	0.66	0.67 No	0.3	Element Fault
RVA061	1476	'4579757_/_426316864'	0.4	0.43	3.33	0.91	0.5	0.66	0.67 No	0.4	Primary Over-Voltage
RVA061	1477	'7329883_/_7963395'	0.4	0.43	3.33	0.91	0.3	0.66	0.67 No	0.3	Element Fault
RVA061	1478	'7329884_/_7329881'	0.4	0.43	3.33	0.91	0.3	0.66	0.67 No	0.3	Element Fault
RVA061	1479	'7960679_/_497553176'	0.37	0.43	3.33	0.91	0.5	0.7	0.67 No	0.37	Primary Over-Voltage
RVA061	1480	'9536457_/_9536522_1'	0.3	0.43	3.33	0.91	0.3	0.65	0.67 No	0.3	Primary Over-Voltage
RVA061	1481	'7329436_/_9222818'	0.3	0.43	3.33	0.91	0.8	0.65	0.67 No	0.3	Primary Over-Voltage
RVA061	1482	'354716794_/_354716951'	0.3	0.43	3.33	0.91	0.37	0.64	0.67 No	0.3	Primary Over-Voltage
RVA061	1483	'4579684_/_4579754'	0.4	0.43	3.33	0.91	0.5	0.65	0.67 No	0.4	Primary Over-Voltage
RVA061	1484	'406807311_/_406807104_1'	0.4	0.43	3.33	0.91	0.3	0.65	0.67 No	0.3	Element Fault
RVA061	1485	'8278995_/_8278992'	0.4	0.43	3.33	0.91	0.3	0.65	0.67 No	0.3	Element Fault
RVA061	1486	'4579685_/_43539289'	0.4	0.43	3.33	0.91	0.5	0.64	0.67 No	0.4	Primary Over-Voltage
RVA061	1487	'37799031_/_156956888'	0.37	0.43	3.33	0.91	0.53	0.63	0.67 No	0.37	Primary Over-Voltage
RVA061	1488	'37799038_/_37799035'	0.37	0.43	3.33	0.91	0.5	0.63	0.67 No	0.37	Primary Over-Voltage
RVA061	1489	'7329435_/_7329433'	0.27	0.43	3.33	0.91	0.8	0.64	0.67 No	0.27	Primary Over-Voltage
RVA061	1490	'4580193_/_4580191'	0.37	0.43	3.33	0.91	0.5	0.64	0.67 No	0.37	Primary Over-Voltage
RVA061	1491	'406807085_/_406807104_2'	0.37	0.43	3.33	0.91	0.3	0.64	0.67 No	0.3	Element Fault
RVA061	1492	'115231775_/_4580217'	0.37	0.43	3.33	0.91	0.5	0.64	0.67 No	0.37	Primary Over-Voltage
RVA061	1493	'7644743_/_7644740_1'	0.37	0.43	3.33	0.91	0.3	0.63	0.67 No	0.3	Element Fault
RVA061	1494	'8277257_/_497553161'	0.37	0.43	3.33	0.91	0.5	0.68	0.67 No	0.37	Primary Over-Voltage
RVA061	1495	'4579672_/_4580204'	0.37	0.4	3.33	0.91	0.5	0.63	0.67 No	0.37	Primary Over-Voltage
RVA061	1496	'7644726_/_7644724_1'	0.37	0.4	3.33	0.91	0.3	0.63	0.67 No	0.3	Element Fault
RVA061	1497	'406807124_/_406807143'	0.37	0.4	3.33	0.91	0.3	0.63	0.67 No	0.3	Element Fault
RVA061	1498	'4579659_/_4579669'	0.37	0.4	3.33	0.91	0.5	0.62	0.67 No	0.37	Primary Over-Voltage
RVA061	1499	'7644742_/_7644740_2'	0.37	0.4	3.33	0.91	0.3	0.62	0.67 No	0.3	Element Fault
RVA061	1500	'8276845_/_497553146'	0.37	0.4	3.33	0.91	0.5	0.66	0.67 No	0.37	Primary Over-Voltage
RVA061	1501	'8587850_/_446560852'	0.27	0.4	3.33	0.91	0.37	0.61	0.67 No	0.27	Primary Over-Voltage
RVA061	1502	'8588724_/_8588722'	0.37	0.4	3.33	0.91	0.3	0.61	0.67 No	0.3	Element Fault
RVA061	1503	'4579646_/_4579656'	0.37	0.4	3.33	0.91	0.5	0.61	0.67 No	0.37	Primary Over-Voltage
RVA061	1504	'9536865_/_9536978'	0.37	0.4	3.33	0.91	0.3	0.61	0.67 No	0.3	Element Fault
RVA061	1505	'7644727_/_7644724_2'	0.37	0.4	3.33	0.91	0.3	0.6	0.67 No	0.3	Element Fault
RVA061	1506	'4579645_/_4579643'	0.37	0.4	3.33	0.91	0.5	0.6	0.67 No	0.37	Primary Over-Voltage
RVA061	1507	'8276844_/_497553131'	0.33	0.4	3.33	0.91	0.5	0.63	0.67 No	0.33	Primary Over-Voltage
RVA061	1508	'9536864_/_9536862'	0.37	0.4	3.33	0.91	0.3	0.59	0.67 No	0.3	Element Fault
RVA061	1509	'4581114_/_4581124'	0.33	0.4	3.33	0.91	0.5	0.59	0.67 No	0.33	Primary Over-Voltage
RVA061	1510	'4581101_/_4581111'	0.33	0.37	3.33	0.91	0.5	0.58	0.67 No	0.33	Primary Over-Voltage
RVA061	1511	'4581100_/_4581098'	0.33	0.37	3.33	0.91	0.5	0.58	0.67 No	0.33	Primary Over-Voltage
RVA061	1512	'7644075_/_8233282'	0.27	0.37	3.33	0.91	0.8	0.58	0.67 No	0.27	Primary Over-Voltage
RVA061	1513	'7327457_/_497553116'	0.33	0.37	3.33	0.91	0.5	0.61	0.67 No	0.33	Primary Over-Voltage
RVA061	1514	'433778070_/_433778108'	0.23	0.37	3.33	0.91	0.8	0.58	0.67 No	0.23	Primary Over-Voltage
RVA061	1515	'43539391_/_43539393'	0.33	0.37	3.33	0.91	0.5	0.57	0.67 No	0.33	Primary Over-Voltage
RVA061	1516	'8588631_/_8588628'	0.33	0.37	3.33	0.91	0.3	0.57	0.67 No	0.3	Element Fault
RVA061	1517	'4581139_/_4581137'	0.33	0.37	3.33	0.91	0.5	0.57	0.67 No	0.33	Primary Over-Voltage
RVA061	1518	'7327458_/_497553101'	0.33	0.37	3.33	0.91	0.5	0.59	0.67 No	0.33	Primary Over-Voltage
RVA061	1519	'7961092_/_7961089_2'	0.33	0.37	3.33	0.91	0.5	0.59	0.67 No	0.33	Primary Over-Voltage
RVA061	1520	'8278660_/_9536846'	0.3	0.33	3.33	0.91	0.3	0.54	0.67 No	0.3	Primary Over-Voltage
RVA061	1521	'8278661_/_8278658'	0.3	0.33	3.33	0.91	0.3	0.53	0.67 No	0.3	Primary Over-Voltage
RVA062	0	'RVA062_/_9167802_2'	10	10	10	2.06	10	10	10	No	2.06 Thermal Discharging
RVA062	1	'150015828_/_9167802_2'	10	10	10	2.06	10	10	10	0.71 No	0.71 Unintentional Islanding
RVA062	2	'3686817_/_9167802_1'	10	10	10	2.06	10	10	10	0.71 No	0.71 Unintentional Islanding
RVA062	3	'149880377_/_3704015'	10	10	10	2.06	10	10	10	0.71 No	0.71 Unintentional Islanding
RVA062	4	'149912650_/_149912668'	10	10	10	2.06	10	10	10	0.71 No	0.71 Unintentional Islanding
RVA062	5	'149912649_/_149912647'	10	10	10	2.06	10	10	10	0.71 No	0.71 Unintentional Islanding
RVA062	6	'526294567_/_149912605'	10	10	10	2.06	10	10	10	0.71 No	0.71 Unintentional Islanding
RVA062	7	'149912629_/_526294571'	10	10	10	2.06	10	10	10	0.71 No	0.71 Unintentional Islanding
RVA062	8	'149912628_/_149912626'	10	10	10	2.06	10	10	10	0.71 No	0.71 Unintentional Islanding
RVA062	9	'149912692_/_149912690'	10	10	10	2.06	10	10	10	0.71 No	0.71 Unintentional Islanding
RVA062	10	'53632530_/_149227001'	10	10	10	2.06	10	10	10	0.71 No	0.71 Unintentional Islanding
RVA062	11	'526294466_/_526294390_1'	10	10	10	2.06	1.5	10	10	0.71 No	0.71 Unintentional Islanding
RVA062	12	'53632595_/_526294221_1'	10	10	10	2.06	0.9	10	10	0.71 No	0.71 Unintentional Islanding
RVA062	13	'53632398_/_53632527'	10	10	10	2.06	10	10	10	0.71 No	0.71 Unintentional Islanding
RVA062	14	'53633053_/_53632367'	10	10	10	2.06	10	10	10	0.71 No	0.71 Unintentional Islanding
RVA062	15	'69404487_/_69404491'	10	10	10	2.06	10	10	10	0.7 No	0.7 Unintentional Islanding
RVA062	16	'53633005_/_53633002'	10	10	10	2.06	10	10	10	0.7 No	0.7 Unintentional Islanding
RVA062	17	'53633031_/_53633028'	10	10	10	2.06	10	10	10	0.7 No	0.7 Unintentional Islanding
RVA062	18	'122775201_/_122775203'	10	10	10	2.06	10	10	10	0.7 No	0.7 Unintentional Islanding
RVA062	19	'53632953_/_53632950'	10	10	10	2.06	10	10	10	0.7 No	0.7 Unintentional Islanding
RVA062	20	'3686797_/_7131349'	10	10	10	2.06	4.8	10	10	0.71 No	0.71 Unintentional Islanding
RVA062	21	'8743334_/_9479568_1'	10	10	10	2.06	1.5	10	10	0.71 No	0.71 Unintentional Islanding
RVA062	22	'53632983_/_53632980'	10	10	10	2.06	10	10	10	0.7 No	0.7 Unintentional Islanding
RVA062	23	'122775136_/_122775138'	10	10	10	2.06	10	10	10	0.7 No	0.7 Unintentional Islanding
RVA062	24	'122775227_/_122775229'	10	10	10	2.06	10	10	10	0.7 No	0.7 Unintentional Islanding
RVA062	25	'53632816_/_53632813'	10	10	10	2.06	10	10	10	0.7 No	0.7 Unintentional Islanding
RVA062	26	'53632845_/_53632842'	10	10	10	2.06	10	10	10	0.7 No	0.7 Unintentional Islanding
RVA062	27	'3686327_/_53632482'	10	10	10	2.06	10	10	10	0.7 No	0.7 Unintentional Islanding
RVA062	28	'69958050_/_69958004_1'	10	10	10	2.06	1.5	10	10	0.7 No	0.7 Unintentional Islanding
RVA062	29	'57214603_/_57214581'	3.33	3.33	3.33	0.69	1.5	3.33	0.23 No	0.23	Unintentional Islanding
RVA062	30	'122775006_/_3686324_2'	10	10	10	2.06	4.9	10	10	0.7 No	0.7 Unintentional Islanding
RVA062	31	'122775109_/_122775111'	10	10	10	2.06	10	10	10	0.7 No	0.7 Unintentional Islanding
RVA062	32	'122775082_/_122775084'	10	10	10	2.06	10	10	10	0.7 No	0.7 Unintentional Islanding
RVA062	33	'43365323_/_3686794'	8.3	10	10	2.06	4.7	10	10	0.71 No	0.71 Unintentional Islanding
RVA062	34	'122775055_/_122775057'	9.7	10	10	2.06	10	10	10	0.7 No	0.7 Unintentional Islanding
RVA062	35	'3699987_/_53632170'	9.3	10	10	2.06	10	10	10	0.69 No	0.69 Unintentional Islanding
RVA062	36	'3686310_/_3686324_1'	8.3	10	10	2.06	1.5	10	10	0.7 No	0.7 Unintentional Islanding
RVA062	37	'526294382_/_526294390_2'	7.4	10	10	2.06	1.5	10	10	0.7 No	0.7 Unintentional Islanding
RVA062	38	'7272939_/_9479568_2'	7.2	10	10	2.06	1.5	10	10	0.71 No	0.71 Unintentional Islanding
RVA062	39	'43365336_/_43365338'	7.1	10	10	2.06	4.7	10	10	0.71 No	0.71 Unintentional Islanding

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
											VSR	(MW) Limiting Threshold
RVA062	40	'7588812_/_8222904_1'		8.3	10	10	2.06	1	10	0.7 No	0.7	Unintentional Islanding
RVA062	41	'3699564_/_3700001'		9.1	10	10	2.06	10	10	0.69 No	0.69	Unintentional Islanding
RVA062	42	'3699879_/_3699984'		9	10	10	2.06	10	10	0.69 No	0.69	Unintentional Islanding
RVA062	43	'7589044_/_9479812_2'		9.1	10	10	2.06	5.4	10	0.69 No	0.69	Unintentional Islanding
RVA062	44	'51152851_/_51152853'		8.7	10	10	2.06	10	10	0.69 No	0.69	Unintentional Islanding
RVA062	45	'3699862_/_3699876'		8.5	10	10	2.06	10	10	0.69 No	0.69	Unintentional Islanding
RVA062	46	'69957993_/_69958004_2'		7.2	10	10	2.06	1.5	10	0.7 No	0.7	Unintentional Islanding
RVA062	47	'51152821_/_51152823'		8.5	10	10	2.06	10	10	0.69 No	0.69	Unintentional Islanding
RVA062	48	'3699845_/_3699859'		8.2	10	10	2.06	10	10	0.69 No	0.69	Unintentional Islanding
RVA062	49	'51152790_/_51152793'		8.1	10	10	2.06	10	10	0.69 No	0.69	Unintentional Islanding
RVA062	50	'3699828_/_3699842'		7.9	10	10	2.06	10	10	0.69 No	0.69	Unintentional Islanding
RVA062	51	'51152765_/_51152767'		7.8	10	10	2.06	10	10	0.69 No	0.69	Unintentional Islanding
RVA062	52	'3699811_/_3699825'		7.7	10	10	2.06	10	10	0.69 No	0.69	Unintentional Islanding
RVA062	53	'3699794_/_3699808'		7.5	10	10	2.06	10	10	0.69 No	0.69	Unintentional Islanding
RVA062	54	'526294255_/_526294271'		6	10	10	2.06	1.5	10	0.7 No	0.7	Unintentional Islanding
RVA062	55	'3686293_/_3686307'		6.6	10	10	2.06	1.5	10	0.7 No	0.7	Unintentional Islanding
RVA062	56	'3700220_/_51152737'		7.3	10	10	2.06	10	10	0.69 No	0.69	Unintentional Islanding
RVA062	57	'3699777_/_3699791'		7.3	10	10	2.06	10	10	0.69 No	0.69	Unintentional Islanding
RVA062	58	'3700203_/_3700217'		7.1	10	10	2.06	10	10	0.69 No	0.69	Unintentional Islanding
RVA062	59	'3700237_/_3700234'		7.3	10	10	2.06	10	10	0.69 No	0.69	Unintentional Islanding
RVA062	60	'3699760_/_3699774'		7	10	10	2.06	10	10	0.68 No	0.68	Unintentional Islanding
RVA062	61	'3700254_/_3700251'		7.3	10	10	2.06	10	10	0.68 No	0.68	Unintentional Islanding
RVA062	62	'3700183_/_3700268'		7.3	10	10	2.06	10	10	0.68 No	0.68	Unintentional Islanding
RVA062	63	'3699743_/_3699757'		6.7	10	10	2.06	10	10	0.68 No	0.68	Unintentional Islanding
RVA062	64	'3700288_/_3700285'		7	10	10	2.06	10	10	0.68 No	0.68	Unintentional Islanding
RVA062	65	'3699742_/_3699740'		6.3	10	10	2.06	10	10	0.68 No	0.68	Unintentional Islanding
RVA062	66	'3674314_/_3700180'		6.8	10	10	2.06	4.7	10	0.68 No	0.68	Unintentional Islanding
RVA062	67	'51369399_/_51151601'		6.1	10	10	2.06	4.9	10	0.68 No	0.68	Unintentional Islanding
RVA062	68	'3700305_/_3700302'		6.9	10	10	2.06	10	10	0.68 No	0.68	Unintentional Islanding
RVA062	69	'3686276_/_3686290'		5.5	10	10	2.06	1.5	10	0.69 No	0.69	Unintentional Islanding
RVA062	70	'3699726_/_3701037'		6.1	10	10	2.06	10	10	0.68 No	0.68	Unintentional Islanding
RVA062	71	'8851232_/_9479812_1'		5.9	10	10	2.06	1.5	10	0.69 No	0.69	Unintentional Islanding
RVA062	72	'518669097_/_51151626_2'		5.9	10	10	2.06	4.9	10	0.68 No	0.68	Unintentional Islanding
RVA062	73	'3699709_/_3699723'		6	10	10	2.06	10	10	0.68 No	0.68	Unintentional Islanding
RVA062	74	'3700325_/_3700322'		6.7	10	10	2.06	10	10	0.68 No	0.68	Unintentional Islanding
RVA062	75	'114624928_/_570093074_1'		6.7	10	10	2.06	10	10	0.68 No	0.68	Unintentional Islanding
RVA062	76	'3699692_/_3699706'		5.9	10	10	2.06	10	10	0.68 No	0.68	Unintentional Islanding
RVA062	77	'3674315_/_3674312'		6.2	10	10	2.06	1.5	10	0.68 No	0.68	Unintentional Islanding
RVA062	78	'3699675_/_3699689'		5.8	10	10	2.06	10	10	0.68 No	0.68	Unintentional Islanding
RVA062	79	'3701659_/_3701656'		6.4	10	10	2.06	10	10	0.68 No	0.68	Unintentional Islanding
RVA062	80	'3699658_/_3699672'		5.7	10	10	2.06	10	10	0.68 No	0.68	Unintentional Islanding
RVA062	81	'7588791_/_526294221_2'		4.7	10	10	2.06	0.9	10	0.7 No	0.7	Unintentional Islanding
RVA062	82	'3699641_/_3699655'		5.6	10	10	2.06	10	10	0.67 No	0.67	Unintentional Islanding
RVA062	83	'345171023_/_316170335_1'	3.33	1.9	3.33	3.33	0.69	0.5	3.33	0.23 No	0.23	Unintentional Islanding
RVA062	84	'3699624_/_3699638'		5.5	10	10	2.06	10	10	0.67 No	0.67	Unintentional Islanding
RVA062	85	'51151653_/_51151626_1'		5.3	10	10	2.06	3.4	10	0.68 No	0.68	Unintentional Islanding
RVA062	86	'3699607_/_3699621'		5.4	10	10	2.06	10	10	0.67 No	0.67	Unintentional Islanding
RVA062	87	'3699606_/_3699604'		5.3	10	10	2.06	10	10	0.67 No	0.67	Unintentional Islanding
RVA062	88	'3686259_/_3686273'		4.7	10	10	2.06	1.5	10	0.69 No	0.69	Unintentional Islanding
RVA062	89	'90913919_/_90913863_1'		4.7	10	10	2.06	1	10	0.69 No	0.69	Unintentional Islanding
RVA062	90	'51151677_/_51151655'		4.9	10	10	2.06	3.4	10	0.68 No	0.68	Unintentional Islanding
RVA062	91	'90913852_/_90913863_2'		4.4	10	10	2.06	1	10	0.69 No	0.69	Unintentional Islanding
RVA062	92	'3686258_/_3686256'		4.2	10	10	2.06	1.5	10	0.69 No	0.69	Unintentional Islanding
RVA062	93	'316170316_/_316170335_2'	1.67	4.5	3.33	3.33	0.69	0.5	3.33	0.22 No	0.22	Unintentional Islanding
RVA062	94	'51151702_/_51151680'		4.5	10	10	2.06	3.4	10	0.68 No	0.68	Unintentional Islanding
RVA062	95	'3674017_/_3674329'		4.9	10	10	2.06	1.5	10	0.68 No	0.68	Unintentional Islanding
RVA062	96	'3673997_/_3673995_1'		4.8	10	10	2.06	0.9	10	0.68 No	0.68	Unintentional Islanding
RVA062	97	'51151732_/_51151705'		4.2	10	10	2.06	3.4	10	0.68 No	0.68	Unintentional Islanding
RVA062	98	'557846829_/_570093074_2'		5.4	10	10	2.06	10	10	0.67 No	0.67	Unintentional Islanding
RVA062	99	'3701060_/_3701057'		4.3	10	10	2.06	10	10	0.66 No	0.66	Unintentional Islanding
RVA062	100	'3686623_/_3686666'		3.6	10	10	2.06	1.5	10	0.69 No	0.69	Unintentional Islanding
RVA062	101	'9479472_/_253039414'		3.3	10	10	2.06	0.9	10	0.69 No	0.69	Unintentional Islanding
RVA062	102	'657885122_/_8222904_2'		3.6	10	10	2.06	1	10	0.69 No	0.69	Unintentional Islanding
RVA062	103	'51151761_/_51151734'		3.9	10	10	2.06	3.4	10	0.68 No	0.68	Unintentional Islanding
RVA062	104	'8222907_/_657885152'		3.6	10	10	2.06	1	10	0.69 No	0.69	Unintentional Islanding
RVA062	105	'3686639_/_3686650_2'	3.33	1.2	3.33	3.33	0.69	0.5	3.33	0.23 No	0.23	Unintentional Islanding
RVA062	106	'571714687_/_571714639_1'		5.2	10	10	2.06	10	10	0.67 No	0.67	Unintentional Islanding
RVA062	107	'3680507_/_571714639_2'		5.2	10	10	2.06	10	10	0.67 No	0.67	Unintentional Islanding
RVA062	108	'43363977_/_3683171'		5.1	9.9	10	2.06	10	10	0.67 No	0.67	Unintentional Islanding
RVA062	109	'43363902_/_3673995_2'		4.2	9.8	10	2.06	0.9	10	0.68 No	0.68	Unintentional Islanding
RVA062	110	'43363963_/_43363965'		5	9.8	10	2.06	10	10	0.66 No	0.66	Unintentional Islanding
RVA062	111	'3674120_/_3683137'		5	9.6	10	2.06	10	10	0.66 No	0.66	Unintentional Islanding
RVA062	112	'3680508_/_3680505'		5	9.6	10	2.06	8	10	0.66 No	0.66	Unintentional Islanding
RVA062	113	'3674103_/_3674117'		4.9	9.5	10	2.06	10	10	0.66 No	0.66	Unintentional Islanding
RVA062	114	'381022023_/_381021977_1'		5	9.5	10	2.06	1.5	10	0.66 No	0.66	Unintentional Islanding
RVA062	115	'587054566_/_587054532_1'	1.63	3.3	3.13	3.33	0.69	0.5	3.33	0.22 No	0.22	Unintentional Islanding
RVA062	116	'3686603_/_3686620'		3.3	9.4	10	2.06	1.5	10	0.68 No	0.68	Unintentional Islanding
RVA062	117	'49963809_/_3674100'		4.8	9.3	10	2.06	10	10	0.66 No	0.66	Unintentional Islanding
RVA062	118	'51151790_/_51151763'		3.6	9.3	10	2.06	3.4	10	0.67 No	0.67	Unintentional Islanding
RVA062	119	'3680528_/_3680525'		4.9	9.3	10	2.06	8	10	0.66 No	0.66	Unintentional Islanding
RVA062	120	'557847006_/_557846910_1'		4.9	9.3	10	2.06	1.5	10	0.66 No	0.66	Unintentional Islanding
RVA062	121	'49963851_/_49963806_1'		4.8	9.2	10	2.06	10	10	0.66 No	0.66	Unintentional Islanding
RVA062	122	'8851152_/_5										

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RVA062	134	'3683105_/_557846910_3'		4.4	8.2	10	2.06	0.9	10	0.66 No	0.66 Unintentional Islanding
RVA062	135	'51151819_/_51151792'		3.1	8.2	10	2.06	3.4	10	0.67 No	0.67 Unintentional Islanding
RVA062	136	'3686246_/_3686243'		0.97	2.7	3.33	0.69	0.3	3.33	0.23 No	0.23 Unintentional Islanding
RVA062	137	'72500475_/_9167902'		2.9	8.1	10	2.06	1	10	0.68 No	0.68 Unintentional Islanding
RVA062	138	'3686854_/_3686868'		4.3	8.1	10	2.06	0.9	10	0.66 No	0.66 Unintentional Islanding
RVA062	139	'3701134_/_3701131'		3.4	8.1	10	2.06	10	10	0.64 No	0.64 Unintentional Islanding
RVA062	140	'3686708_/_3686706'		2.9	8	10	2.06	1.5	10	0.68 No	0.68 Unintentional Islanding
RVA062	141	'43363950_/_43363952'		4.2	7.9	10	2.06	0.9	10	0.66 No	0.66 Unintentional Islanding
RVA062	142	'122750247_/_3686740_1'		2.8	7.9	10	2.06	0.9	10	0.68 No	0.68 Unintentional Islanding
RVA062	143	'7588851_/_75347495'		2.8	7.9	10	2.06	1	10	0.68 No	0.68 Unintentional Islanding
RVA062	144	'3701150_/_3701693'		3.3	7.8	10	2.06	10	9.96	0.64 No	0.64 Unintentional Islanding
RVA062	145	'3680596_/_3680593'		4.4	7.8	10	2.06	8	10	0.66 No	0.66 Unintentional Islanding
RVA062	146	'3686853_/_3686851'		4.1	7.8	10	2.06	0.9	10	0.66 No	0.66 Unintentional Islanding
RVA062	147	'3686688_/_3686740_2'		2.8	7.7	10	2.06	0.9	10	0.68 No	0.68 Unintentional Islanding
RVA062	148	'3701151_/_3701148'		3.3	7.7	10	2.06	10	9.77	0.64 No	0.64 Unintentional Islanding
RVA062	149	'3702189_/_3702186'		3.3	7.6	10	2.06	5	9.8	0.64 No	0.64 Unintentional Islanding
RVA062	150	'3701168_/_3701165'		3.3	7.6	10	2.06	10	9.73	0.64 No	0.64 Unintentional Islanding
RVA062	151	'43363915_/_3680257'		3.2	7.6	10	2.06	0.9	10	0.67 No	0.67 Unintentional Islanding
RVA062	152	'51151848_/_51151821'		2.9	7.6	10	2.06	3.4	10	0.67 No	0.67 Unintentional Islanding
RVA062	153	'3701185_/_3701182'		3.2	7.6	10	2.06	10	9.66	0.64 No	0.64 Unintentional Islanding
RVA062	154	'3700108_/_3701341'		3.2	7.5	10	2.06	10	9.61	0.64 No	0.64 Unintentional Islanding
RVA062	155	'3701361_/_3701358'		3.2	7.4	10	2.06	10	9.51	0.64 No	0.64 Unintentional Islanding
RVA062	156	'3680613_/_3680610'		4.3	7.4	10	2.06	8	10	0.66 No	0.66 Unintentional Islanding
RVA062	157	'3701483_/_3701497_1'		3.2	7.4	10	2.06	10	9.49	0.64 No	0.64 Unintentional Islanding
RVA062	158	'3674555_/_3674553_1'		3.2	7.4	10	2.06	1.6	9.48	0.64 No	0.64 Unintentional Islanding
RVA062	159	'3686586_/_3686723'		2.6	7.3	10	2.06	1.5	10	0.68 No	0.68 Unintentional Islanding
RVA062	160	'3701500_/_3701497_2'		3.1	7.3	10	2.06	10	9.37	0.64 No	0.64 Unintentional Islanding
RVA062	161	'3701378_/_3701375'		3.1	7.3	10	2.06	10	9.35	0.64 No	0.64 Unintentional Islanding
RVA062	162	'7132974_/_7132984_1'		0.87	2.43	3.33	0.69	0.3	3.33	0.23 No	0.23 Unintentional Islanding
RVA062	163	'334146666_/_9479792_1'		3.1	7.3	10	2.06	3.5	9.31	0.64 No	0.64 Unintentional Islanding
RVA062	164	'51151877_/_51151850'		2.8	7.2	10	2.06	3.4	10	0.67 No	0.67 Unintentional Islanding
RVA062	165	'587054516_/_587054532_2'		1.3	2.4	3.33	0.69	0.5	3.33	0.22 No	0.22 Unintentional Islanding
RVA062	166	'3701395_/_3701392'		3.1	7.2	10	2.06	10	9.19	0.63 No	0.63 Unintentional Islanding
RVA062	167	'381021825_/_381021977_2'		3.7	7.1	10	2.06	1.5	10	0.66 No	0.66 Unintentional Islanding
RVA062	168	'64806848_/_64806859'		2.5	7.1	10	2.06	1	10	0.68 No	0.68 Unintentional Islanding
RVA062	169	'8851483_/_9479792_2'		3.1	7.1	10	2.06	3.5	9.21	0.64 No	0.64 Unintentional Islanding
RVA062	170	'3686514_/_3686583'		2.5	7.1	10	2.06	1.5	10	0.68 No	0.68 Unintentional Islanding
RVA062	171	'7132987_/_7132984_2'		0.83	2.37	3.33	0.69	0.3	3.33	0.23 No	0.23 Unintentional Islanding
RVA062	172	'3686036_/_3680627'		4.2	7.1	10	2.06	8	9.84	0.65 No	0.65 Unintentional Islanding
RVA062	173	'392498558_/_392498577'		2.5	7.1	10	2.06	1	10	0.68 No	0.68 Unintentional Islanding
RVA062	174	'3701412_/_3701409'		3	7	10	2.06	10	9.05	0.63 No	0.63 Unintentional Islanding
RVA062	175	'3674556_/_3674553_2'		3	7	10	2.06	1.6	9.15	0.64 No	0.64 Unintentional Islanding
RVA062	176	'51151906_/_51151879'		2.7	6.9	10	2.06	3.4	10	0.67 No	0.67 Unintentional Islanding
RVA062	177	'43366404_/_3702203'		3	6.9	10	2.06	5	9.15	0.64 No	0.64 Unintentional Islanding
RVA062	178	'3701429_/_3701426'		3	6.9	10	2.06	10	8.91	0.63 No	0.63 Unintentional Islanding
RVA062	179	'3686565_/_3686686'		2.4	6.8	10	2.06	0.9	10	0.67 No	0.67 Unintentional Islanding
RVA062	180	'3680647_/_3680644'		4.1	6.8	10	2.06	8	9.5	0.65 No	0.65 Unintentional Islanding
RVA062	181	'3686531_/_3686528'		2.4	6.8	10	2.06	0.9	10	0.67 No	0.67 Unintentional Islanding
RVA062	182	'3701446_/_3701443'		2.9	6.8	10	2.06	10	8.77	0.63 No	0.63 Unintentional Islanding
RVA062	183	'51151935_/_51151908'		2.6	6.7	10	2.06	3.4	9.84	0.66 No	0.66 Unintentional Islanding
RVA062	184	'3701466_/_3701463'		2.9	6.7	10	2.06	10	8.64	0.63 No	0.63 Unintentional Islanding
RVA062	185	'3686497_/_3686511'		2.3	6.6	10	2.06	1.5	10	0.67 No	0.67 Unintentional Islanding
RVA062	186	'3700955_/_3700952'		2.8	6.6	10	2.06	1.6	8.78	0.64 No	0.64 Unintentional Islanding
RVA062	187	'43365468_/_348910973'		4	6.5	10	2.06	8	9.18	0.65 No	0.65 Unintentional Islanding
RVA062	188	'3688013_/_358624300_2'		4	6.5	10	2.06	8	9.15	0.65 No	0.65 Unintentional Islanding
RVA062	189	'51151964_/_51151937'		2.5	6.4	10	2.06	3.4	9.5	0.66 No	0.66 Unintentional Islanding
RVA062	190	'7907714_/_7907711'		2.3	6.4	10	2.06	0.9	9.7	0.67 No	0.67 Unintentional Islanding
RVA062	191	'3702206_/_43366406'		2.7	6.3	10	2.06	1.8	8.58	0.64 No	0.64 Unintentional Islanding
RVA062	192	'3686547_/_3686545'		1.47	4.2	6.67	1.37	1	6.4	0.45 No	0.45 Unintentional Islanding
RVA062	193	'51151993_/_51151966'		2.4	6.2	10	2.06	3.4	9.25	0.66 No	0.66 Unintentional Islanding
RVA062	194	'3680277_/_43363917'		2.6	6.2	10	2.06	0.9	9.32	0.66 No	0.66 Unintentional Islanding
RVA062	195	'3685562_/_358624300_1'		3.9	6.2	10	2.06	8	8.79	0.65 No	0.65 Unintentional Islanding
RVA062	196	'3686566_/_3686563'		2.2	6.2	10	2.06	0.9	9.48	0.67 No	0.67 Unintentional Islanding
RVA062	197	'3686480_/_3686494'		2.2	6.2	10	2.06	1.5	9.42	0.67 No	0.67 Unintentional Islanding
RVA062	198	'362664877_/_359001625_2'		3.8	6.1	10	2.06	5.4	8.71	0.65 No	0.65 Unintentional Islanding
RVA062	199	'51152022_/_51151995'		2.3	6	10	2.06	3.4	8.96	0.66 No	0.66 Unintentional Islanding
RVA062	200	'3685563_/_3685560'		3.8	5.9	10	2.06	8	8.43	0.64 No	0.64 Unintentional Islanding
RVA062	201	'3686463_/_3686477'		2	5.8	10	2.06	1.5	8.88	0.67 No	0.67 Unintentional Islanding
RVA062	202	'9168119_/_9168116'		2.5	5.7	10	2.06	1.8	7.96	0.63 No	0.63 Unintentional Islanding
RVA062	203	'51152051_/_51152024'		2.2	5.7	10	2.06	3.4	8.58	0.66 No	0.66 Unintentional Islanding
RVA062	204	'3685917_/_3685914'		3.7	5.7	10	2.06	8	8.15	0.64 No	0.64 Unintentional Islanding
RVA062	205	'109931238_/_109931235'		3.6	5.7	10	2.06	4.7	8.15	0.64 No	0.64 Unintentional Islanding
RVA062	206	'3686179_/_3686196_1'		3.7	5.6	10	0.25	7.3	8.13	2.97 No	0.25 Thermal Discharging
RVA062	207	'3685974_/_3685992_1'		2.47	3.73	6.67	1.37	1	5.4	0.43 No	0.43 Unintentional Islanding
RVA062	208	'3686939_/_3686936'		3.7	5.6	10	2.06	8	8.08	0.64 No	0.64 Unintentional Islanding
RVA062	209	'3686135_/_3686956'		3.7	5.6	10	2.06	8	8.02	0.64 No	0.64 Unintentional Islanding
RVA062	210	'43365221_/_3685992_2'		2.47	3.67	6.67	1.37	1	5.34	0.43 No	0.43 Unintentional Islanding
RVA062	211	'3686979_/_3686976'		3.7	5.5	10	2.06	8	7.94	0.64 No	0.64 Unintentional Islanding
RVA062	212	'3686996_/_3686993'		3.7	5.5	10	2.06	8	7.85	0.64 No	0.64 Unintentional Islanding
RVA062	213	'3685995_/_43365223'		2.47	3.6	6.67	1.37	1	5.25	0.43 No	0.43 Unintentional Islanding
RVA062	214	'3685899_/_3686196_2'		3.6	5.4	10	0.25	7.3	7.86	2.97 No	0.25 Thermal Discharging
RVA062	215	'109931257_/_109931254'		3.5	5.4	10	2.06	4.7	7.88	0.64 No	0.64 Unintentional Islanding
RVA062	216	'3687013_/_3687010'		3.7	5.4	10	2.06	8	7.77	0.64 No	0.64 Unintentional Islanding
RVA062	217	'3686446_/_3686460'		1.9	5.4	10	2.06	1.5	8.33	0.66 No	0.66 Unintentional Islanding
RVA062	218	'51152080_/_51152053'		2	5.4	10	2.06	3.4	8.14	0.66 No	0.66 Unintentional Islanding
RVA062	219	'3687033_/_3687030'		3.6	5.3	10	2.06	8	7.68	0.64 No	0.64 Unintentional Islanding
RVA062	220	'3685900_/_3685897'		3.5	5.3	10	0.25	7.3	7.7	2.97 No	0.25 Thermal Discharging
RVA062	221	'3687050_/_3687047'		3.6	5.3	10	2.06	8	7.6	0.63 No	0.63 Unintentional Islanding
RVA062	222	'3680294_/_3680291'		2.2	5.3	10	2.06	0.9	8.08	0.66 No	0.66 Unintentional Islanding
RVA062	223	'359001606_/_359001625_1'		3.3	5.3	10	2.06	1.5	7.7	0.64 No	0.64 Unintentional Islanding
RVA062	224	'3687067_/_3687064'		3.6	5.2	10	2.06	8	7.51	0.63 No	0.63 Unintentional Islanding
RVA062	225	'3686027_/_3686076'		3.4	5.2	10	0.25	7.3	7.54	2.97 No	0.25 Thermal Discharging
RVA062	226	'3687084_/_3687081'		3.6	5.2	10	2.06	8	7.43	0.63 No	0.63 Unintentional Islanding
RVA062	227	'109931276_/_109931273'		3.3	5.2	10	2.06	4.7	7.57	0.64 No	0.64 Unintentional Islanding

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RVA062	228	'3687101_/_3687098'		3.5	5.1	10	2.06	8	7.35	0.63 No	0.63 Unintentional Islanding
RVA062	229	'432768324_/_109931390_1'		3.3	5.1	10	2.06	1.5	7.51	0.64 No	0.64 Unintentional Islanding
RVA062	230	'43365196_/_3686025'		3.4	5.1	10	0.25	7.3	7.46	2.97 No	0.25 Thermal Discharging
RVA062	231	'3687121_/_3687118'		3.5	5.1	10	2.06	8	7.28	0.63 No	0.63 Unintentional Islanding
RVA062	232	'3686429_/_3686443'		1.8	5.1	10	2.06	1.5	7.89	0.66 No	0.66 Unintentional Islanding
RVA062	233	'51152109_/_51152082'		1.9	5	10	2.06	3.4	7.67	0.65 No	0.65 Unintentional Islanding
RVA062	234	'3687138_/_3687135'		3.5	5	10	2.06	8	7.2	0.63 No	0.63 Unintentional Islanding
RVA062	235	'3687155_/_3687152'		3.4	5	10	2.06	8	7.13	0.63 No	0.63 Unintentional Islanding
RVA062	236	'43365234_/_43365198'		3.3	4.9	10	0.25	7.3	7.22	2.97 No	0.25 Thermal Discharging
RVA062	237	'51152138_/_51152111'		1.9	4.9	10	2.06	3.4	7.53	0.65 No	0.65 Unintentional Islanding
RVA062	238	'3687172_/_3687169'		3.4	4.9	10	2.06	8	7.06	0.63 No	0.63 Unintentional Islanding
RVA062	239	'3687189_/_3687186'		3.4	4.9	10	2.06	8	6.99	0.63 No	0.63 Unintentional Islanding
RVA062	240	'349988441_/_349988438'		3.1	4.8	10	2.06	4.7	7.17	0.64 No	0.64 Unintentional Islanding
RVA062	241	'109931393_/_109931390_2'		3.1	4.8	10	2.06	1.5	7.16	0.64 No	0.64 Unintentional Islanding
RVA062	242	'3687209_/_3687206'		3.3	4.8	10	2.06	8	6.94	0.63 No	0.63 Unintentional Islanding
RVA062	243	'3686152_/_3687223'		3.3	4.8	10	2.06	8	6.9	0.62 No	0.62 Unintentional Islanding
RVA062	244	'389708214_/_389707848'		3.3	4.8	10	2.06	8	6.9	0.62 No	0.62 Unintentional Islanding
RVA062	245	'571715703_/_3686042_1'		3.2	4.8	10	0.25	7.3	7.02	2.97 No	0.25 Thermal Discharging
RVA062	246	'3688732_/_389708254'		3.3	4.8	10	2.06	8	6.86	0.62 No	0.62 Unintentional Islanding
RVA062	247	'55981511_/_3686150_1'		3.3	4.8	10	2.06	3.6	6.87	0.62 No	0.62 Unintentional Islanding
RVA062	248	'3686045_/_3686042_2'		3.2	4.8	10	0.25	7.3	7.01	2.97 No	0.25 Thermal Discharging
RVA062	249	'458917911_/_458917884_1'		3.3	4.8	10	2.06	2.3	6.85	0.62 No	0.62 Unintentional Islanding
RVA062	250	'571715586_/_571715554_3'		3.2	4.8	10	0.25	7.3	7	2.97 No	0.25 Thermal Discharging
RVA062	251	'3702223_/_389707984'		3.3	4.7	10	2.06	8	6.83	0.62 No	0.62 Unintentional Islanding
RVA062	252	'3686412_/_3686426'		1.7	4.7	10	2.06	1.5	7.44	0.66 No	0.66 Unintentional Islanding
RVA062	253	'621186725_/_7908075_1'		3.3	4.7	10	2.06	3.4	6.81	0.62 No	0.62 Unintentional Islanding
RVA062	254	'3685785_/_389707997'		3.3	4.7	10	2.06	8	6.8	0.62 No	0.62 Unintentional Islanding
RVA062	255	'571715729_/_571715554_2'		3.1	4.7	10	0.25	7.3	6.96	2.97 No	0.25 Thermal Discharging
RVA062	256	'3685862_/_571715554_1'		3.1	4.7	10	0.25	7.3	6.96	2.97 No	0.25 Thermal Discharging
RVA062	257	'51152167_/_51152140'		1.8	4.7	10	2.06	3.4	7.25	0.65 No	0.65 Unintentional Islanding
RVA062	258	'621186736_/_7908075_2'		3.3	4.7	10	2.06	3.4	6.77	0.62 No	0.62 Unintentional Islanding
RVA062	259	'3685845_/_3685842_2'		3.1	4.7	10	0.25	3.6	6.93	2.97 No	0.25 Thermal Discharging
RVA062	260	'571716207_/_571716236'		3.1	4.7	10	0.25	7.2	6.92	2.97 No	0.25 Thermal Discharging
RVA062	261	'625744510_/_571716205_1'		3.1	4.7	10	0.25	7.2	6.92	2.97 No	0.25 Thermal Discharging
RVA062	262	'3685745_/_389708025'		3.3	4.7	10	2.06	8	6.73	0.62 No	0.62 Unintentional Islanding
RVA062	263	'701456507_/_701456504'		3	4.7	10	2.06	1.5	6.97	0.63 No	0.63 Unintentional Islanding
RVA062	264	'625744521_/_571716205_2'		3.1	4.6	10	0.25	4.7	6.9	2.97 No	0.25 Thermal Discharging
RVA062	265	'8532444_/_9479752_1'		3.3	4.7	10	2.06	2.4	6.72	0.62 No	0.62 Unintentional Islanding
RVA062	266	'50371617_/_7908075_3'		3.3	4.7	10	2.06	3.4	6.73	0.62 No	0.62 Unintentional Islanding
RVA062	267	'571716279_/_625744617'		3.1	4.6	10	0.25	4.7	6.87	2.97 No	0.25 Thermal Discharging
RVA062	268	'434356184_/_389708069'		3.3	4.6	10	2.06	8	6.65	0.62 No	0.62 Unintentional Islanding
RVA062	269	'447606860_/_434356255_1'		3.3	4.6	10	2.06	1.5	6.64	0.62 No	0.62 Unintentional Islanding
RVA062	270	'7273165_/_9479752_2'		3.3	4.6	10	2.06	2.4	6.64	0.62 No	0.62 Unintentional Islanding
RVA062	271	'3680311_/_3680308'		1.9	4.6	10	2.06	0.9	7.16	0.65 No	0.65 Unintentional Islanding
RVA062	272	'43365169_/_389708365'		3.3	4.6	10	2.06	8	6.59	0.62 No	0.62 Unintentional Islanding
RVA062	273	'3685764_/_469971465_2'		3.3	4.6	10	2.06	4.4	6.57	0.62 No	0.62 Unintentional Islanding
RVA062	274	'469971441_/_469971465_1'		3.3	4.6	10	2.06	1.5	6.57	0.62 No	0.62 Unintentional Islanding
RVA062	275	'7273166_/_7273163'		3.3	4.5	10	2.06	2.4	6.58	0.62 No	0.62 Unintentional Islanding
RVA062	276	'3685639_/_3686113'		3	4.5	10	0.25	7.2	6.72	2.97 No	0.25 Thermal Discharging
RVA062	277	'8851504_/_458917884_2'		3.3	4.5	10	2.06	2.3	6.58	0.62 No	0.62 Unintentional Islanding
RVA062	278	'3686411_/_3686409'		1.6	4.5	10	2.06	1.5	7.13	0.65 No	0.65 Unintentional Islanding
RVA062	279	'7272995_/_9479772'		3.3	4.5	10	2.06	2.4	6.52	0.62 No	0.62 Unintentional Islanding
RVA062	280	'701456525_/_701456522'		2.9	4.5	10	2.06	1.5	6.73	0.63 No	0.63 Unintentional Islanding
RVA062	281	'701456634_/_701456572_1'		2.9	4.5	10	2.06	0.9	6.72	0.63 No	0.63 Unintentional Islanding
RVA062	282	'51151001_/_51152169'		1.7	4.5	10	2.06	3.4	6.92	0.65 No	0.65 Unintentional Islanding
RVA062	283	'3685605_/_3686150_2'		3.1	4.5	10	2.06	3.6	6.51	0.62 No	0.62 Unintentional Islanding
RVA062	284	'701456556_/_701456572_2'		2.8	4.4	10	2.06	0.9	6.68	0.63 No	0.63 Unintentional Islanding
RVA062	285	'434356258_/_434356255_2'		3.3	4.4	10	2.06	1.5	6.44	0.62 No	0.62 Unintentional Islanding
RVA062	286	'115672653_/_51152875_2'		1.7	4.5	10	2.06	3.4	6.88	0.65 No	0.65 Unintentional Islanding
RVA062	287	'8851211_/_8851209'		3.3	4.4	10	2.06	1.5	6.41	0.62 No	0.62 Unintentional Islanding
RVA062	288	'115671962_/_51152496'		1.7	4.4	10	2.06	3.4	6.83	0.65 No	0.65 Unintentional Islanding
RVA062	289	'8851132_/_8851501'		3.2	4.4	10	2.06	2.3	6.39	0.62 No	0.62 Unintentional Islanding
RVA062	290	'3685640_/_3685637'		2.9	4.4	10	0.25	7.2	6.5	2.97 No	0.25 Thermal Discharging
RVA062	291	'3686836_/_3686834'		1.5	4.3	10	2.06	1.5	6.87	0.65 No	0.65 Unintentional Islanding
RVA062	292	'265261819_/_265261770_2'		1.5	4.3	10	2.06	1.5	6.84	0.65 No	0.65 Unintentional Islanding
RVA062	293	'3685438_/_3685842_1'		2.9	4.3	10	0.25	1.5	6.44	2.97 No	0.25 Thermal Discharging
RVA062	294	'434356278_/_434356275'		3.2	4.3	10	2.06	1.5	6.27	0.62 No	0.62 Unintentional Islanding
RVA062	295	'3685582_/_3685603'		3	4.3	10	2.06	3.6	6.31	0.62 No	0.62 Unintentional Islanding
RVA062	296	'7272996_/_7272993_1'		3.2	4.3	10	2.06	2.3	6.24	0.62 No	0.62 Unintentional Islanding
RVA062	297	'3681915_/_51152875_1'		1.6	4.2	10	2.06	1.6	6.62	0.64 No	0.64 Unintentional Islanding
RVA062	298	'3702907_/_3702904'		1.5	4.2	10	2.06	1.5	6.68	0.65 No	0.65 Unintentional Islanding
RVA062	299	'51152522_/_115671964'		1.6	4.2	10	2.06	3.4	6.56	0.64 No	0.64 Unintentional Islanding
RVA062	300	'7908138_/_8851521_1'		1.5	4.2	10	2.06	0.9	6.66	0.65 No	0.65 Unintentional Islanding
RVA062	301	'3685657_/_3685654'		2.8	4.2	10	0.25	7.2	6.27	2.97 No	0.25 Thermal Discharging
RVA062	302	'3688676_/_3688690'		2.9	4.1	10	2.06	3.6	6.13	0.62 No	0.62 Unintentional Islanding
RVA062	303	'434356324_/_434356321'		3.1	4.1	10	2.06	1.5	6.08	0.62 No	0.62 Unintentional Islanding
RVA062	304	'3680328_/_3680325'		1.7	4.1	10	2.06	0.9	6.53	0.65 No	0.65 Unintentional Islanding
RVA062	305	'43364075_/_3685580'		3	4.1	10	2.06	3.6	6.11	0.62 No	0.62 Unintentional Islanding
RVA062	306	'466494494_/_460732132_1'		3.1	4.1	10	2.06	0.9	6.07	0.61 No	0.61 Unintentional Islanding
RVA062	307	'515534968_/_9479450_2'		3	4.1	10	2.06	3.6	6.1	0.62 No	0.62 Unintentional Islanding
RVA062	308	'7588872_/_265261770_1'		1.4	4.1	10	2.06	0.9	6.49	0.65 No	0.65 Unintentional Islanding
RVA062	309	'51669750_/_51669747'		0.53	1.37	3.33	0.69	0.53	2.13	0.21 No	0.21 Unintentional Islanding
RVA062	310	'3685421_/_3685435'		2.7	4.1	10	0.25	1.5	6.15	2.97 No	0.25 Thermal Discharging
RVA062	311	'3685693_/_3685822'		2.8	4.1	10	0.25	7.2	6.1	2.97 No	0.25 Thermal Discharging
RVA062	312	'51152551_/_51152525'		1.5	4.1	10	2.06	3.4	6.36	0.64 No	0.64 Unintentional Islanding
RVA062	313	'8851524_/_8851521_2'		1.4	4.1	10	2.06	0.9	6.45	0.65 No	0.65 Unintentional Islanding
RVA062	314	'587444963_/_587444935_1'		0.5	1.33	3.33	0.69	0.5	2.11	0.21 No	0.21 Unintentional Islanding
RVA062	315	'458027462_/_458027429'		1.4	4	10	2.06	1.5	6.43	0.65 No	0.65 Unintentional Islanding
RVA062	316	'3688710_/_3688707'		2.9	4	10	2.06	3.6	5.98	0.62 No	0.62 Unintentional Islanding
RVA062	317	'3681935_/_3681932'		1.5	4	10	2.06	1.6	6.28	0.64 No	0.64 Unintentional Islanding
RVA062	318	'460732113_/_460732132_2'		3	3.9	10	2.06	0.9	5.85	0.61 No	0.61 Unintentional Islanding
RVA062	319	'43365156_/_3685691'		2.7	3.9	10	0.25	7.2	5.93	2.97 No	0.25 Thermal Discharging
RVA062	320	'51369411_/_51152554'		1.5	3.9	10	2.06	3.4	6.16	0.64 No	0.64 Unintentional Islanding
RVA062	321	'115505013_/_116127064_1'		1.5	3.9	10	2.06	2.4	6.14	0.64 No	0.64 Unintentional Islanding

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RVA062	322	'43365131_/_3685876'		1.8	2.6	6.67	0.17	1	3.96	1.98 No	0.17 Thermal Discharging
RVA062	323	'3697316_/_3697313'		2.9	3.9	10	2.06	3.6	5.83	0.61 No	0.61 Unintentional Islanding
RVA062	324	'7273035_/_7588869'		0.93	2.6	6.67	1.37	0.6	4.15	0.43 No	0.43 Unintentional Islanding
RVA062	325	'3685404_/_3685418'		2.6	3.9	10	0.25	1.5	5.93	2.97 No	0.25 Thermal Discharging
RVA062	326	'9479453_/_9479450_1'		2.9	3.9	10	2.06	1.5	5.81	0.61 No	0.61 Unintentional Islanding
RVA062	327	'458027445_/_458027464'		1.4	3.9	10	2.06	1.5	6.19	0.65 No	0.65 Unintentional Islanding
RVA062	328	'116127067_/_116127064_2'		1.5	3.9	10	2.06	2.4	6.09	0.64 No	0.64 Unintentional Islanding
RVA062	329	'115672026_/_115672036'		1.5	3.8	10	2.06	1.6	6.06	0.64 No	0.64 Unintentional Islanding
RVA062	330	'115672183_/_115672144_1'		1.5	3.8	10	2.06	1	6.04	0.64 No	0.64 Unintentional Islanding
RVA062	331	'116127086_/_116127083'		1.5	3.8	10	2.06	2.4	6.04	0.64 No	0.64 Unintentional Islanding
RVA062	332	'116127164_/_116127102_1'		1.4	3.8	10	2.06	2.4	6.02	0.64 No	0.64 Unintentional Islanding
RVA062	333	'3685674_/_43365158'		2.6	3.8	10	0.25	7.2	5.76	2.97 No	0.25 Thermal Discharging
RVA062	334	'3685673_/_3685802_2'		2.6	3.8	10	0.25	4.8	5.74	2.97 No	0.25 Thermal Discharging
RVA062	335	'7167206_/_7167203'		1.5	3.8	10	2.06	1.6	5.98	0.64 No	0.64 Unintentional Islanding
RVA062	336	'3680345_/_3680342'		1.6	3.8	10	2.06	0.9	6.02	0.64 No	0.64 Unintentional Islanding
RVA062	337	'115672203_/_115672162_1'		1.5	3.8	10	2.06	0.9	5.96	0.64 No	0.64 Unintentional Islanding
RVA062	338	'116127105_/_116127102_2'		1.4	3.8	10	2.06	2.4	5.94	0.64 No	0.64 Unintentional Islanding
RVA062	339	'3685879_/_43365133'		1.8	2.47	6.67	0.17	1	3.81	1.98 No	0.17 Thermal Discharging
RVA062	340	'458027432_/_458027447'		1.3	3.7	10	2.06	1.5	5.96	0.64 No	0.64 Unintentional Islanding
RVA062	341	'3680855_/_3685708'		2.5	3.7	10	0.25	7.2	5.63	2.97 No	0.25 Thermal Discharging
RVA062	342	'3697367_/_3697364'		2.9	3.7	10	2.06	3.6	5.6	0.61 No	0.61 Unintentional Islanding
RVA062	343	'52357630_/_52356841_1'		2.9	3.7	10	2.06	1.5	5.58	0.61 No	0.61 Unintentional Islanding
RVA062	344	'154638051_/_9479588_1'		1.3	3.7	10	2.06	0.9	5.91	0.64 No	0.64 Unintentional Islanding
RVA062	345	'429296879_/_429296898'		2.8	3.7	10	2.06	1.5	5.53	0.61 No	0.61 Unintentional Islanding
RVA062	346	'3681986_/_3681983'		0.5	1.2	3.33	0.69	0.53	1.92	0.21 No	0.21 Unintentional Islanding
RVA062	347	'3680856_/_3680853'		2.5	3.6	10	0.25	7.2	5.49	2.97 No	0.25 Thermal Discharging
RVA062	348	'3685623_/_3685802_1'		2.5	3.6	10	0.25	1.6	5.49	2.97 No	0.25 Thermal Discharging
RVA062	349	'116127124_/_116127121'		1.4	3.6	10	2.06	2.4	5.7	0.63 No	0.63 Unintentional Islanding
RVA062	350	'587444919_/_587444935_2'		0.5	1.2	3.33	0.69	0.5	1.89	0.21 No	0.21 Unintentional Islanding
RVA062	351	'43364012_/_43364014'		2.4	3.6	10	0.25	1.5	5.53	2.97 No	0.25 Thermal Discharging
RVA062	352	'52356869_/_52356841_2'		2.7	3.6	10	2.06	1.5	5.41	0.61 No	0.61 Unintentional Islanding
RVA062	353	'8851484_/_8851481'		1.6	3.5	10	2.06	1.8	5	0.58 No	0.58 Unintentional Islanding
RVA062	354	'3697332_/_3697381'		2.7	3.5	10	2.06	3.6	5.37	0.61 No	0.61 Unintentional Islanding
RVA062	355	'9479591_/_9479588_2'		1.2	3.5	10	2.06	0.9	5.68	0.64 No	0.64 Unintentional Islanding
RVA062	356	'3680873_/_3680870'		2.4	3.5	10	0.25	7.2	5.36	2.97 No	0.25 Thermal Discharging
RVA062	357	'3680362_/_3680359'		1.5	3.5	10	2.06	0.9	5.6	0.64 No	0.64 Unintentional Islanding
RVA062	358	'3680243_/_3685620'		2.4	3.5	10	0.25	1.6	5.34	2.97 No	0.25 Thermal Discharging
RVA062	359	'241712573_/_241712521_1'		0.8	1.17	3.33	0.08	0.3	1.77	0.99 No	0.08 Thermal Discharging
RVA062	360	'116127170_/_116127167'		1.3	3.5	10	2.06	2.4	5.49	0.63 No	0.63 Unintentional Islanding
RVA062	361	'116127555_/_116127506_1'		1.3	3.5	10	2.06	1.6	5.48	0.63 No	0.63 Unintentional Islanding
RVA062	362	'116127495_/_116127506_2'		1.3	3.4	10	2.06	1.6	5.45	0.63 No	0.63 Unintentional Islanding
RVA062	363	'43364051_/_3680887'		2.4	3.4	10	0.25	7.2	5.22	2.97 No	0.25 Thermal Discharging
RVA062	364	'52356894_/_52356871'		2.6	3.4	10	2.06	1.5	5.2	0.61 No	0.61 Unintentional Islanding
RVA062	365	'571715862_/_96417532'		2.3	3.4	10	0.25	7.2	5.2	2.97 No	0.25 Thermal Discharging
RVA062	366	'571716049_/_571715814_1'		2.3	3.3	10	0.25	7	5.19	2.97 No	0.25 Thermal Discharging
RVA062	367	'557846469_/_557846475'		2.3	3.4	10	0.25	7.2	5.18	2.97 No	0.25 Thermal Discharging
RVA062	368	'571716020_/_571715909_1'		2.3	3.4	10	0.25	7.2	5.18	2.97 No	0.25 Thermal Discharging
RVA062	369	'241712524_/_241712521_2'		0.8	1.13	3.33	0.08	0.3	1.73	0.99 No	0.08 Thermal Discharging
RVA062	370	'571715997_/_571715909_2'		2.3	3.4	10	0.25	7.2	5.16	2.97 No	0.25 Thermal Discharging
RVA062	371	'3680226_/_3680240'		2.3	3.4	10	0.25	1.6	5.18	2.97 No	0.25 Thermal Discharging
RVA062	372	'571715841_/_571715909_3'		2.3	3.4	10	0.25	7.2	5.15	2.97 No	0.25 Thermal Discharging
RVA062	373	'247584961_/_241712615_1'		0.8	1.13	3.33	0.08	0.1	1.72	0.99 No	0.08 Thermal Discharging
RVA062	374	'3688605_/_3697347'		2.6	3.4	10	2.06	3.6	5.14	0.61 No	0.61 Unintentional Islanding
RVA062	375	'96417523_/_3680904'		2.3	3.4	10	0.25	7	5.13	2.97 No	0.25 Thermal Discharging
RVA062	376	'571716114_/_571715814_3'		2.3	3.3	10	0.25	7	5.12	2.97 No	0.25 Thermal Discharging
RVA062	377	'3681999_/_3681996'		0.47	1.1	3.33	0.69	0.53	1.77	0.21 No	0.21 Unintentional Islanding
RVA062	378	'3680907_/_571715845'		2.3	3.3	10	0.25	7.2	5.09	2.97 No	0.25 Thermal Discharging
RVA062	379	'116127225_/_116127222'		1.3	3.3	10	2.06	2.4	5.27	0.63 No	0.63 Unintentional Islanding
RVA062	380	'3680732_/_3680749'		2.2	3.3	10	0.25	1.5	5.13	2.97 No	0.25 Thermal Discharging
RVA062	381	'115672119_/_115672144_2'		1.3	3.3	10	2.06	1	5.24	0.63 No	0.63 Unintentional Islanding
RVA062	382	'43364466_/_3682051'		0.43	1.1	3.33	0.69	0.53	1.73	0.21 No	0.21 Unintentional Islanding
RVA062	383	'52356926_/_52356897'		2.5	3.3	10	2.06	1.5	5.01	0.6 No	0.6 Unintentional Islanding
RVA062	384	'380876198_/_115672162_2'		1.3	3.3	10	2.06	1	5.2	0.63 No	0.63 Unintentional Islanding
RVA062	385	'3680209_/_3680223'		2.2	3.3	10	0.25	1.6	5.02	2.97 No	0.25 Thermal Discharging
RVA062	386	'3680379_/_3680376'		1.4	3.3	10	2.06	0.9	5.23	0.63 No	0.63 Unintentional Islanding
RVA062	387	'241712578_/_241712615_2'		0.8	1.07	3.33	0.08	0.1	1.67	0.99 No	0.08 Thermal Discharging
RVA062	388	'3680924_/_3680921'		2.2	3.2	10	0.25	7.2	4.97	2.97 No	0.25 Thermal Discharging
RVA062	389	'116127250_/_116127247'		1.2	3.2	10	2.06	2.4	5.18	0.63 No	0.63 Unintentional Islanding
RVA062	390	'3688606_/_3688603'		2.5	3.2	10	2.06	3.6	4.94	0.6 No	0.6 Unintentional Islanding
RVA062	391	'7907789_/_7907787_1'		2.5	3.2	10	2.06	2.6	4.93	0.6 No	0.6 Unintentional Islanding
RVA062	392	'3682054_/_43364468'		0.43	1.07	3.33	0.69	0.53	1.7	0.21 No	0.21 Unintentional Islanding
RVA062	393	'156028281_/_3680938'		2.2	3.2	10	0.25	7.2	4.88	2.97 No	0.25 Thermal Discharging
RVA062	394	'116127275_/_116127272'		1.2	3.2	10	2.06	2.4	5.08	0.62 No	0.62 Unintentional Islanding
RVA062	395	'116127578_/_116127424_1'		1.2	3.2	10	2.06	1.6	5.07	0.62 No	0.62 Unintentional Islanding
RVA062	396	'3680192_/_3680206'		2.2	3.2	10	0.25	1.6	4.9	2.97 No	0.25 Thermal Discharging
RVA062	397	'116127418_/_116127424_2'		1.2	3.1	10	2.06	1.6	5.03	0.62 No	0.62 Unintentional Islanding
RVA062	398	'52356946_/_52356923'		2.4	3.1	10	2.06	1.5	4.83	0.6 No	0.6 Unintentional Islanding
RVA062	399	'3688623_/_3688620'		2.5	3.1	10	2.06	3.6	4.82	0.6 No	0.6 Unintentional Islanding
RVA062	400	'3682012_/_3682009'		0.43	1.03	3.33	0.69	0.53	1.66	0.21 No	0.21 Unintentional Islanding
RVA062	401	'7273053_/_8532514_1'		2.3	2.8	10	2.06	2.3	4.81	0.6 No	0.6 Unintentional Islanding
RVA062	402	'156028274_/_3680955'		2.2	3.1	10	0.25	7.2	4.79	2.97 No	0.25 Thermal Discharging
RVA062	403	'156042487_/_156028211_1'		2.1	3.1	10	0.25	1.7	4.77	2.97 No	0.25 Thermal Discharging
RVA062	404	'3680399_/_3680396'		1.3	3.1	10	2.06	0.9	5	0.63 No	0.63 Unintentional Islanding
RVA062	405	'3680175_/_3680189'		2.1	3.1	10	0.25	1.6	4.8	2.97 No	0.25 Thermal Discharging
RVA062	406	'3682028_/_3682038_1'		0.43	1.03	3.33	0.69	0.53	1.65	0.21 No	0.21 Unintentional Islanding
RVA062	407	'9479357_/_156028211_2'		2.1	3.1	10	0.25	1.7	4.74	2.97 No	0.25 Thermal Discharging
RVA062	408	'43363876_/_3680172'		2.1	3	10	0.25	1.6	4.73	2.97 No	0.25 Thermal Discharging
RVA062	409	'3680141_/_3680155'		2.1	3	10	0.25	1.6	4.69	2.97 No	0.25 Thermal Discharging
RVA062	410	'52356972_/_52356949'		2.3	3	10	2.06	1.5	4.66	0.6 No	0.6 Unintentional Islanding
RVA062	411	'156028304_/_156533573'		2.1	3	10	0.25	3.5	4.64	2.97 No	0.25 Thermal Discharging
RVA062	412	'3680140_/_43363891'		2.1	3	10	0.25	1.6	4.67	2.97 No	0.25 Thermal Discharging
RVA062	413	'69383177_/_3680729'		2	3	10	0.25	1.5	4.72	2.97 No	0.25 Thermal Discharging
RVA062	414	'3688816_/_3688813'		1.2	3	10	2.06	0.9	4.81	0.62 No	0.62 Unintentional Islanding
RVA062	415	'44572137_/_3682038_2'		0.4	1	3.33	0.69	0.53	1.58	0.21 No	0.21 Unintentional Islanding

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RVA062	416	'273791370_/3688847_1'	1.2		3	10	2.06	0.9	4.79	0.62 No	0.62 Unintentional Islanding
RVA062	417	'3688850_/3688847_2'	1.2		2.9	10	2.06	0.9	4.69	0.62 No	0.62 Unintentional Islanding
RVA062	418	'52356998_/52356975'	2.2		2.9	10	2.06	1.5	4.5	0.6 No	0.6 Unintentional Islanding
RVA062	419	'3681086_/3681083'	2		2.9	10	0.25	3.5	4.48	2.97 No	0.25 Thermal Discharging
RVA062	420	'43365814_/3703032'	1.2		2.9	10	2.06	0.9	4.67	0.62 No	0.62 Unintentional Islanding
RVA062	421	'3680415_/3688830'	1.2		2.8	10	2.06	0.9	4.61	0.62 No	0.62 Unintentional Islanding
RVA062	422	'7907790_/7907787_2'	2.2		2.8	10	2.06	2.6	4.41	0.59 No	0.59 Unintentional Islanding
RVA062	423	'3680719_/69383174'	1.9		2.8	10	0.25	1.5	4.44	2.97 No	0.25 Thermal Discharging
RVA062	424	'571714671_/557847517_1'	1.9		2.8	10	0.25	0.9	4.44	2.97 No	0.25 Thermal Discharging
RVA062	425	'52357530_/52357001'	2.1		2.8	10	2.06	1.5	4.36	0.59 No	0.59 Unintentional Islanding
RVA062	426	'3702963_/3703012'	1.2		2.8	10	2.06	0.9	4.53	0.62 No	0.62 Unintentional Islanding
RVA062	427	'3681103_/3681100'	1.9		2.8	10	0.25	3.5	4.36	2.97 No	0.25 Thermal Discharging
RVA062	428	'3680416_/3680413'	1.2		2.8	10	2.06	0.9	4.51	0.62 No	0.62 Unintentional Islanding
RVA062	429	'43364025_/557847517_2'	1.8		2.8	10	0.25	0.9	4.4	2.97 No	0.25 Thermal Discharging
RVA062	430	'3680769_/3688047_1'	1.1		2.8	10	2.06	0.9	4.48	0.62 No	0.62 Unintentional Islanding
RVA062	431	'3688050_/3688047_2'	1.1		2.7	10	2.06	0.9	4.44	0.62 No	0.62 Unintentional Islanding
RVA062	432	'52357536_/52357539'	2.1		2.7	10	2.06	1.5	4.26	0.59 No	0.59 Unintentional Islanding
RVA062	433	'3688866_/3702961'	1.1		2.7	10	2.06	0.9	4.42	0.62 No	0.62 Unintentional Islanding
RVA062	434	'43365827_/3702978'	1.1		2.7	10	2.06	0.9	4.42	0.62 No	0.62 Unintentional Islanding
RVA062	435	'43366527_/3702995'	1.1		2.7	10	2.06	0.9	4.4	0.62 No	0.62 Unintentional Islanding
RVA062	436	'8532408_/8532406'	1.8		2.7	10	0.25	0.9	4.24	2.97 No	0.25 Thermal Discharging
RVA062	437	'3688867_/3688864'	1.1		2.7	10	2.06	0.9	4.32	0.61 No	0.61 Unintentional Islanding
RVA062	438	'43364099_/52357081'	0.7		0.87	3.33	0.69	0.5	1.38	0.2 No	0.2 Unintentional Islanding
RVA062	439	'3688917_/43365829'	1.1		2.6	10	2.06	0.9	4.3	0.61 No	0.61 Unintentional Islanding
RVA062	440	'3681120_/3681117'	1.8		2.6	10	0.25	3.5	4.13	2.97 No	0.25 Thermal Discharging
RVA062	441	'3688770_/3688780_1'	0.6		0.87	3.33	0.08	0.5	1.37	0.99 No	0.08 Thermal Discharging
RVA062	442	'43366503_/43366529'	1.1		2.6	10	2.06	0.9	4.27	0.61 No	0.61 Unintentional Islanding
RVA062	443	'3688750_/3688747_2'	1.8		2.6	10	0.25	3.5	4.11	2.97 No	0.25 Thermal Discharging
RVA062	444	'3680706_/3680716'	0.63		0.87	3.33	0.08	0.5	1.39	0.99 No	0.08 Thermal Discharging
RVA062	445	'44647391_/43366505'	1.1		2.6	10	2.06	0.9	4.24	0.61 No	0.61 Unintentional Islanding
RVA062	446	'43365840_/3688915'	1.1		2.6	10	2.06	0.9	4.2	0.61 No	0.61 Unintentional Islanding
RVA062	447	'3688884_/3688881'	1.1		2.6	10	2.06	0.9	4.17	0.61 No	0.61 Unintentional Islanding
RVA062	448	'43363939_/3680430'	1.1		2.5	10	2.06	0.9	4.16	0.61 No	0.61 Unintentional Islanding
RVA062	449	'3688918_/43365842'	1		2.5	10	2.06	0.9	4.09	0.61 No	0.61 Unintentional Islanding
RVA062	450	'3680453_/43363941'	0.33		0.83	3.33	0.69	0.3	1.36	0.2 No	0.2 Unintentional Islanding
RVA062	451	'3691765_/43364101'	0.67		0.83	3.33	0.69	0.5	1.31	0.19 No	0.19 Unintentional Islanding
RVA062	452	'43365801_/3688898'	1		2.5	10	2.06	0.9	4.03	0.61 No	0.61 Unintentional Islanding
RVA062	453	'3680693_/3680703'	0.6		0.83	3.33	0.08	0.5	1.32	0.99 No	0.08 Thermal Discharging
RVA062	454	'3680466_/3680463'	0.33		0.8	3.33	0.69	0.3	1.32	0.2 No	0.2 Unintentional Islanding
RVA062	455	'3681063_/3688747_1'	1.7		2.4	10	0.25	3.3	3.85	2.97 No	0.25 Thermal Discharging
RVA062	456	'3681139_/3688780_2'	0.6		0.8	3.33	0.08	0.5	1.28	0.99 No	0.08 Thermal Discharging
RVA062	457	'3688901_/43365803'	1		2.4	10	2.06	0.9	3.89	0.6 No	0.6 Unintentional Islanding
RVA062	458	'3691766_/3691763'	0.63		0.77	3.33	0.69	0.5	1.24	0.19 No	0.19 Unintentional Islanding
RVA062	459	'43363990_/43363992'	0.57		0.77	3.33	0.08	0.5	1.25	0.99 No	0.08 Thermal Discharging
RVA062	460	'3680482_/3680479'	0.33		0.77	3.33	0.69	0.3	1.27	0.2 No	0.2 Unintentional Islanding
RVA062	461	'3681046_/3681060'	1.6		2.3	10	0.25	3.3	3.67	2.97 No	0.25 Thermal Discharging
RVA062	462	'3688947_/3703066'	1		2.3	10	2.06	0.9	3.77	0.6 No	0.6 Unintentional Islanding
RVA062	463	'3681140_/3681137'	0.57		0.77	3.33	0.08	0.5	1.2	0.99 No	0.08 Thermal Discharging
RVA062	464	'3691779_/3691776'	0.6		0.73	3.33	0.69	0.5	1.19	0.19 No	0.19 Unintentional Islanding
RVA062	465	'3680677_/3680800'	0.53		0.73	3.33	0.08	0.5	1.2	0.99 No	0.08 Thermal Discharging
RVA062	466	'3688948_/3688945'	0.9		2.2	10	2.06	0.9	3.65	0.6 No	0.6 Unintentional Islanding
RVA062	467	'43363928_/3680492'	0.3		0.73	3.33	0.69	0.3	1.21	0.2 No	0.2 Unintentional Islanding
RVA062	468	'3681029_/3681043'	1.5		2.2	10	0.25	3.3	3.52	2.97 No	0.25 Thermal Discharging
RVA062	469	'43364088_/3681150'	0.53		0.73	3.33	0.08	0.5	1.15	0.99 No	0.08 Thermal Discharging
RVA062	470	'43365931_/3688962'	0.9		2.1	10	2.06	0.9	3.53	0.59 No	0.59 Unintentional Islanding
RVA062	471	'3680664_/3680674'	0.53		0.7	3.33	0.08	0.5	1.15	0.99 No	0.08 Thermal Discharging
RVA062	472	'3681012_/3681026'	1.5		2.1	10	0.25	3.3	3.43	2.97 No	0.25 Thermal Discharging
RVA062	473	'3680495_/43363930'	0.3		0.7	3.33	0.69	0.3	1.16	0.2 No	0.2 Unintentional Islanding
RVA062	474	'43365918_/43365933'	0.9		2.1	10	2.06	0.9	3.45	0.59 No	0.59 Unintentional Islanding
RVA062	475	'3680995_/3681009'	1.4		2.1	10	0.25	3.3	3.34	2.97 No	0.25 Thermal Discharging
RVA062	476	'3681166_/43364090'	0.53		0.7	3.33	0.08	0.5	1.11	0.99 No	0.08 Thermal Discharging
RVA062	477	'3680663_/43364003'	0.5		0.67	3.33	0.08	0.5	1.11	0.99 No	0.08 Thermal Discharging
RVA062	478	'43365905_/43365920'	0.8		2	10	2.06	0.9	3.36	0.59 No	0.59 Unintentional Islanding
RVA062	479	'3680994_/3680992'	1.4		2	10	0.25	3.3	3.21	2.97 No	0.25 Thermal Discharging
RVA062	480	'3689016_/43365907'	0.8		2	10	2.06	0.9	3.27	0.59 No	0.59 Unintentional Islanding
RVA062	481	'3681179_/3681176'	0.5		0.67	3.33	0.08	0.5	1.06	0.99 No	0.08 Thermal Discharging
RVA062	482	'3700972_/43366455'	0.9		1.9	10	2.06	0.6	2.88	0.51 No	0.51 Unintentional Islanding
RVA062	483	'3688656_/3688653_1'	1.3		1.9	10	2.06	3.6	3.13	0.56 No	0.56 Unintentional Islanding
RVA062	484	'43365892_/3689030'	0.8		1.9	10	2.06	0.9	3.18	0.58 No	0.58 Unintentional Islanding
RVA062	485	'3681204_/3681189'	0.47		0.63	3.33	0.08	0.5	1.02	0.99 No	0.08 Thermal Discharging
RVA062	486	'3681205_/3681351_1'	0.47		0.63	3.33	0.08	0.3	1.02	0.99 No	0.08 Thermal Discharging
RVA062	487	'3681230_/3681351_2'	0.47		0.63	3.33	0.08	0.3	1.02	0.99 No	0.08 Thermal Discharging
RVA062	488	'3689050_/43365894'	0.8		1.9	10	2.06	0.9	3.11	0.58 No	0.58 Unintentional Islanding
RVA062	489	'3681231_/3681228'	0.47		0.63	3.33	0.08	0.3	1.01	0.99 No	0.08 Thermal Discharging
RVA062	490	'3681244_/3681241'	0.47		0.63	3.33	0.08	0.3	1	0.99 No	0.08 Thermal Discharging
RVA062	491	'3681311_/3681322'	0.47		0.63	3.33	0.08	0.3	1	0.99 No	0.08 Thermal Discharging
RVA062	492	'3681257_/3681254'	0.47		0.63	3.33	0.08	0.3	1	0.99 No	0.08 Thermal Discharging
RVA062	493	'3681270_/3681267'	0.47		0.6	3.33	0.08	0.3	0.99	0.99 No	0.08 Thermal Discharging
RVA062	494	'3681283_/3681280'	0.47		0.6	3.33	0.08	0.3	0.98	0.99 No	0.08 Thermal Discharging
RVA062	495	'43365879_/3689064'	0.8		1.8	10	2.06	0.9	3.03	0.58 No	0.58 Unintentional Islanding
RVA062	496	'43364121_/3681309'	0.47		0.6	3.33	0.08	0.3	0.98	0.99 No	0.08 Thermal Discharging
RVA062	497	'43364110_/3681293'	0.47		0.6	3.33	0.08	0.3	0.97	0.99 No	0.08 Thermal Discharging
RVA062	498	'3681341_/3681338'	0.47		0.6	3.33	0.08	0.5	0.97	0.99 No	0.08 Thermal Discharging
RVA062	499	'3681296_/43364112'	0.47		0.6	3.33	0.08	0.3	0.96	0.99 No	0.08 Thermal Discharging
RVA062	500	'3681312_/43364123'	0.47		0.6	3.33	0.08	0.3	0.97	0.99 No	0.08 Thermal Discharging
RVA062	501	'43365866_/43365881'	0.7		1.8	10	2.06	0.9	2.95	0.57 No	0.57 Unintentional Islanding
RVA062	502	'3689084_/43365868'	0.7		1.7	10	2.06	0.9	2.88	0.57 No	0.57 Unintentional Islanding
RVA062	503	'3681366_/3681536'	0.43		0.57	3.33	0.08	0.5	0.93	0.99 No	0.08 Thermal Discharging
RVA062	504	'43365853_/3689098'	0.7		1.7	10	2.06	0.9	2.81	0.57 No	0.57 Unintentional Islanding
RVA062	505	'3681367_/3681364'	0.43		0.57	3.33	0.08	0.5	0.91	0.99 No	0.08 Thermal Discharging
RVA062	506	'3689118_/43365855'	0.7		1.7	10	2.06	0.9	2.76	0.57 No	0.57 Unintentional Islanding
RVA062	507	'3681379_/3681390'	0.4		0.53	3.33	0.08	0.5	0.89	0.99 No	0.08 Thermal Discharging
RVA062	508	'247584899_/43365946'	0.7		1.6	10	2.06	0.9	2.7	0.56 No	0.56 Unintentional Islanding
RVA062	509	'3681380_/3681377'	0.4		0.53	3.33	0.08	0.5	0.86	0.99 No	0.08 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RVA062	510	'3681406_/_3681403'	0.37	0.5	3.33	0.08	0.5	0.83	0.99 No	0.08	Thermal Discharging
RVA062	511	'3681419_/_3681416'	0.37	0.5	3.33	0.08	0.5	0.8	0.99 No	0.08	Thermal Discharging
RVA062	512	'3681432_/_3681429'	0.37	0.47	3.33	0.08	0.5	0.77	0.99 No	0.08	Thermal Discharging
RVA062	513	'3681445_/_3681442'	0.33	0.43	3.33	0.08	0.5	0.74	0.99 No	0.08	Thermal Discharging
RVA062	514	'3681458_/_3681455'	0.33	0.43	3.33	0.08	0.5	0.71	0.99 No	0.08	Thermal Discharging
RVA062	515	'3681471_/_3681468'	0.3	0.4	3.33	0.08	0.5	0.68	0.99 No	0.08	Thermal Discharging
RVA062	516	'3670565_/_7075781'	0.3	0.4	3.33	0.08	0.5	0.66	0.99 No	0.08	Thermal Discharging
RVA062	517	'3670566_/_3670563'	0.3	0.4	3.33	0.08	0.5	0.64	0.99 No	0.08	Thermal Discharging
RVA062	518	'120299169_/_9166894_1'	0.3	0.4	3.33	0.08	0.3	0.64	0.99 No	0.08	Thermal Discharging
RVA062	519	'3670582_/_3670579'	0.3	0.37	3.33	0.08	0.5	0.64	0.99 No	0.08	Thermal Discharging
RVA062	520	'120299188_/_3670852_1'	0.3	0.37	3.33	0.08	0.3	0.64	0.99 No	0.08	Thermal Discharging
RVA062	521	'43362654_/_3670852_2'	0.3	0.37	3.33	0.08	0.3	0.64	0.99 No	0.08	Thermal Discharging
RVA062	522	'3670595_/_3670592'	0.27	0.37	3.33	0.08	0.5	0.63	0.99 No	0.08	Thermal Discharging
RVA062	523	'3670712_/_3670709'	0.27	0.37	3.33	0.08	0.3	0.62	0.99 No	0.08	Thermal Discharging
RVA062	524	'37700348_/_9166894_2'	0.27	0.37	3.33	0.08	0.3	0.62	0.99 No	0.08	Thermal Discharging
RVA062	525	'37700341_/_37700345'	0.27	0.37	3.33	0.08	0.3	0.62	0.99 No	0.08	Thermal Discharging
RVA062	526	'37700334_/_37700338'	0.27	0.37	3.33	0.08	0.3	0.62	0.99 No	0.08	Thermal Discharging
RVA062	527	'37700362_/_37700366'	0.27	0.37	3.33	0.08	0.3	0.62	0.99 No	0.08	Thermal Discharging
RVA062	528	'37700376_/_37700373'	0.27	0.37	3.33	0.08	0.3	0.62	0.99 No	0.08	Thermal Discharging
RVA062	529	'3670724_/_3670865'	0.27	0.37	3.33	0.08	0.3	0.61	0.99 No	0.08	Thermal Discharging
RVA062	530	'3670608_/_3670605'	0.27	0.37	3.33	0.08	0.5	0.61	0.99 No	0.08	Thermal Discharging
RVA062	531	'3670725_/_3670722'	0.27	0.37	3.33	0.08	0.3	0.6	0.99 No	0.08	Thermal Discharging
RVA062	532	'3670738_/_3670735'	0.27	0.37	3.33	0.08	0.3	0.6	0.99 No	0.08	Thermal Discharging
RVA062	533	'3670789_/_3670787_1'	0.27	0.37	3.33	0.08	0.1	0.59	0.99 No	0.08	Thermal Discharging
RVA062	534	'3670621_/_3670618'	0.27	0.37	3.33	0.08	0.5	0.59	0.99 No	0.08	Thermal Discharging
RVA062	535	'3670751_/_3670748'	0.27	0.33	3.33	0.08	0.3	0.58	0.99 No	0.08	Thermal Discharging
RVA062	536	'8850329_/_8850327'	0.27	0.33	3.33	0.08	0.3	0.58	0.99 No	0.08	Thermal Discharging
RVA062	537	'3670634_/_3670631'	0.27	0.33	3.33	0.08	0.5	0.58	0.99 No	0.08	Thermal Discharging
RVA062	538	'3670790_/_3670787_2'	0.27	0.33	3.33	0.08	0.1	0.57	0.99 No	0.08	Thermal Discharging
RVA062	539	'9166881_/_9166878'	0.27	0.33	3.33	0.08	0.3	0.57	0.99 No	0.08	Thermal Discharging
RVA062	540	'3670764_/_3670761'	0.27	0.33	3.33	0.08	0.3	0.56	0.99 No	0.08	Thermal Discharging
RVA062	541	'3670803_/_3670800'	0.23	0.33	3.33	0.08	0.1	0.56	0.99 No	0.08	Thermal Discharging
RVA062	542	'43362632_/_3670644'	0.23	0.33	3.33	0.08	0.5	0.56	0.99 No	0.08	Thermal Discharging
RVA062	543	'3670647_/_3670696_1'	0.23	0.33	3.33	0.08	0.3	0.56	0.99 No	0.08	Thermal Discharging
RVA062	544	'3670777_/_3670774'	0.23	0.33	3.33	0.08	0.3	0.55	0.99 No	0.08	Thermal Discharging
RVA062	545	'43362643_/_3670696_2'	0.23	0.33	3.33	0.08	0.3	0.54	0.99 No	0.08	Thermal Discharging
RVA062	546	'3670816_/_3670813'	0.23	0.3	3.33	0.08	0.1	0.53	0.99 No	0.08	Thermal Discharging
RVA062	547	'3671000_/_3671085'	0.23	0.3	3.33	0.08	0.3	0.53	0.99 No	0.08	Thermal Discharging
RVA062	548	'3670660_/_3670657'	0.23	0.3	3.33	0.08	0.3	0.53	0.99 No	0.08	Thermal Discharging
RVA062	549	'3670829_/_3670826'	0.23	0.3	3.33	0.08	0.1	0.52	0.99 No	0.08	Thermal Discharging
RVA062	550	'3671001_/_3670998'	0.23	0.3	3.33	0.08	0.3	0.52	0.99 No	0.08	Thermal Discharging
RVA062	551	'3670673_/_3670670'	0.23	0.3	3.33	0.08	0.3	0.52	0.99 No	0.08	Thermal Discharging
RVA062	552	'43362676_/_3671011'	0.23	0.3	3.33	0.08	0.3	0.51	0.99 No	0.08	Thermal Discharging
RVA062	553	'3670686_/_3670683'	0.23	0.3	3.33	0.08	0.3	0.5	0.99 No	0.08	Thermal Discharging
RVA062	554	'3671014_/_43362678'	0.23	0.3	3.33	0.08	0.3	0.49	0.99 No	0.08	Thermal Discharging
RVA062	555	'370158705_/_3671098'	0.2	0.3	3.33	0.08	0.3	0.49	0.99 No	0.08	Thermal Discharging
RVA062	556	'370158555_/_370158707'	0.2	0.3	3.33	0.08	0.3	0.49	0.99 No	0.08	Thermal Discharging
RVA062	557	'3670975_/_3670985'	0.2	0.27	3.33	0.08	0.3	0.48	0.99 No	0.08	Thermal Discharging
RVA062	558	'43362687_/_3671024'	0.2	0.27	3.33	0.08	0.3	0.48	0.99 No	0.08	Thermal Discharging
RVA062	559	'3670949_/_3670972'	0.2	0.27	3.33	0.08	0.3	0.47	0.99 No	0.08	Thermal Discharging
RVA062	560	'3671027_/_43362689'	0.2	0.27	3.33	0.08	0.3	0.47	0.99 No	0.08	Thermal Discharging
RVA062	561	'3670936_/_3670946'	0.2	0.27	3.33	0.08	0.3	0.46	0.99 No	0.08	Thermal Discharging
RVA062	562	'43362698_/_3671037'	0.2	0.27	3.33	0.08	0.3	0.46	0.99 No	0.08	Thermal Discharging
RVA062	563	'3670923_/_3670933'	0.2	0.27	3.33	0.08	0.3	0.46	0.99 No	0.08	Thermal Discharging
RVA062	564	'3671040_/_43362700'	0.2	0.27	3.33	0.08	0.3	0.45	0.99 No	0.08	Thermal Discharging
RVA062	565	'3671055_/_3671053'	0.2	0.27	3.33	0.08	0.3	0.45	0.99 No	0.08	Thermal Discharging
RVA062	566	'3670910_/_3670920'	0.2	0.27	3.33	0.08	0.3	0.45	0.99 No	0.08	Thermal Discharging
RVA062	567	'8222104_/_111528066_1'	0.2	0.27	3.33	0.08	0.1	0.44	0.99 No	0.08	Thermal Discharging
RVA062	568	'3671071_/_3671069'	0.2	0.27	3.33	0.08	0.3	0.44	0.99 No	0.08	Thermal Discharging
RVA062	569	'552201392_/_7075797'	0.2	0.27	3.33	0.08	0.3	0.44	0.99 No	0.08	Thermal Discharging
RVA062	570	'3681526_/_552201404'	0.2	0.27	3.33	0.08	0.3	0.44	0.99 No	0.08	Thermal Discharging
RVA062	571	'742063948_/_742063952'	0.2	0.27	3.33	0.08	0.3	0.44	0.99 No	0.08	Thermal Discharging
RVA062	572	'3681513_/_3681523'	0.2	0.27	3.33	0.08	0.3	0.44	0.99 No	0.08	Thermal Discharging
RVA062	573	'3670884_/_3670894'	0.2	0.27	3.33	0.08	0.3	0.43	0.99 No	0.08	Thermal Discharging
RVA062	574	'3681497_/_3681510'	0.2	0.23	3.33	0.08	0.3	0.43	0.99 No	0.08	Thermal Discharging
RVA062	575	'43362665_/_3670959'	0.2	0.23	3.33	0.08	0.3	0.43	0.99 No	0.08	Thermal Discharging
RVA062	576	'3670883_/_3670881'	0.2	0.23	3.33	0.08	0.3	0.43	0.99 No	0.08	Thermal Discharging
RVA062	577	'43364132_/_43364134'	0.17	0.23	3.33	0.08	0.3	0.42	0.99 No	0.08	Thermal Discharging
RVA062	578	'3670962_/_43362667'	0.17	0.23	3.33	0.08	0.3	0.42	0.99 No	0.08	Thermal Discharging
RVA062	579	'43364143_/_43364145'	0.17	0.23	3.33	0.08	0.3	0.41	0.99 No	0.08	Thermal Discharging
RVA062	580	'3681483_/_3681481'	0.17	0.23	3.33	0.08	0.3	0.41	0.99 No	0.08	Thermal Discharging
RVA062	581	'8531527_/_111528066_2'	0.17	0.23	3.33	0.08	0.1	0.41	0.99 No	0.08	Thermal Discharging
RVA062	582	'8850346_/_111528081'	0.17	0.23	3.33	0.08	0.1	0.39	0.99 No	0.08	Thermal Discharging
RVA062	583	'3680785_/_3680783_2'	0.2	0.4	10	2.06	0.2	0.72	0.51 No	0.2	Primary Over-Voltage
RVA062	584	'3680786_/_3680783_1'	0.2	0.4	10	2.06	0.2	0.71	0.51 No	0.2	Primary Over-Voltage
RVA063	0	'RVA063_/_149999548'	0	10	10	0	8.8	10	0 No	0	Primary Over-Voltage
RVA063	1	'149999581_/_149999548'	0	10	10	0	8.8	10	0 No	0	Primary Over-Voltage
RVA063	2	'150001064_/_150001034_2'	0	10	10	0	8.8	10	0 No	0	Primary Over-Voltage
RVA063	3	'149880175_/_150001034_1'	0	10	10	0	8.8	10	0 No	0	Primary Over-Voltage
RVA063	4	'149880150_/_149880172'	0	10	10	0	8.8	10	0 No	0	Primary Over-Voltage
RVA063	5	'149880131_/_149880147'	0	10	10	0	8.8	10	0 No	0	Primary Over-Voltage
RVA063	6	'149880112_/_149880128'	0	10	10	0	8.8	10	0 No	0	Primary Over-Voltage
RVA063	7	'149880093_/_149880109'	0	10	10	0	8.8	10	0 No	0	Primary Over-Voltage
RVA063	8	'149880074_/_149880090'	0	10	10	0	8.8	10	0 No	0	Primary Over-Voltage
RVA063	9	'149878793_/_149880071'	0	10	10	0	8.8	10	0 No	0	Primary Over-Voltage
RVA063	10	'149878792_/_149878790'	0	10	10	0	8.8	10	0 No	0	Primary Over-Voltage
RVA063	11	'150015747_/_150001019_3'	0	10	10	0	8.8	10	0 No	0	Primary Over-Voltage
RVA063	12	'149281517_/_150001019_2'	0	10	10	0	8.8	10	0 No	0	Primary Over-Voltage
RVA063	13	'149227057_/_150001019_1'	0	10	10	0	8.8	10	0 No	0	Primary Over-Voltage
RVA063	14	'150015773_/_8756722_1'	0	10	10	0	8.8	10	0 No	0	Primary Over-Voltage
RVA063	15	'3686760_/_8756722_2'	0	10	10	0	8.8	10	0 No	0	Primary Over-Voltage
RVA063	16	'3686759_/_3686757'	0	10	10	0	8.8	10	0 No	0	Primary Over-Voltage
RVA063	17	'7273016_/_8454250_2'	0	10	10	0	8.8	10	0 No	0	Primary Over-Voltage
RVA063	18	'3687314_/_3687328'	0	10	10	0	8.8	10	0 No	0	Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Voltage Deviation	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RVA063	19	'Node_5828816550_/8454250_1'	0	10	10	0	8.8	10	0 No	0	Primary Over-Voltage
RVA063	20	'3687297_/3687311'	0	10	10	0	8.8	10	0 No	0	Primary Over-Voltage
RVA063	21	'3687280_/3687294'	0	10	10	0	8.8	10	0 No	0	Primary Over-Voltage
RVA063	22	'3687263_/3687277'	0	10	10	0	8.8	10	0 No	0	Primary Over-Voltage
RVA063	23	'3687262_/3687260'	0	10	10	0	8.8	10	0 No	0	Primary Over-Voltage
RVA063	24	'3687601_/3687837'	0	10	10	0	8.8	10	0 No	0	Primary Over-Voltage
RVA063	25	'3687581_/3687598'	0	10	10	0	8.8	10	0 No	0	Primary Over-Voltage
RVA063	26	'3687580_/3687578'	0	10	10	0	8.8	10	0 No	0	Primary Over-Voltage
RVA063	27	'3687860_/3687874'	0	10	10	0	8.8	10	0 No	0	Primary Over-Voltage
RVA063	28	'3687561_/3687857'	0	10	10	0	8.8	10	0 No	0	Primary Over-Voltage
RVA063	29	'3687524_/3687558'	0	10	10	0	8.8	10	0 No	0	Primary Over-Voltage
RVA063	30	'3687523_/3687521'	0	10	10	0	8.8	10	0 No	0	Primary Over-Voltage
RVA063	31	'3687507_/3687538'	0	10	10	0	8.8	10	0 No	0	Primary Over-Voltage
RVA063	32	'3687487_/3687504'	0	10	10	0	8.8	10	0 No	0	Primary Over-Voltage
RVA063	33	'3687470_/3687484'	0	10	10	0	8.8	10	0 No	0	Primary Over-Voltage
RVA063	34	'3687453_/3687467'	0	10	10	0	8.8	10	0 No	0	Primary Over-Voltage
RVA063	35	'3687436_/3687450'	0	10	10	0	8.8	10	0 No	0	Primary Over-Voltage
RVA063	36	'3687435_/3687433'	0	10	10	0	8.8	10	0 No	0	Primary Over-Voltage
RVA063	37	'3687893_/3687891'	0	10	10	0	8.8	10	0 No	0	Primary Over-Voltage
RVA063	38	'3702927_/3702924'	0	10	10	0	8.8	10	0 No	0	Primary Over-Voltage
RVA063	39	'3687948_/3702941'	0	10	10	0	8.8	10	0 No	0	Primary Over-Voltage
RVA063	40	'3687931_/3687945'	0	10	10	0	8.8	10	0 No	0	Primary Over-Voltage
RVA063	41	'3687964_/3687928'	0	10	10	0	8.8	10	0 No	0	Primary Over-Voltage
RVA063	42	'3687981_/3687993'	0	10	10	0	8.8	10	0 No	0	Primary Over-Voltage
RVA063	43	'3687911_/3687979'	0	10	10	0	8.8	10	0 No	0	Primary Over-Voltage
RVA063	44	'3687823_/3687908'	0	10	10	0	8.8	10	0 No	0	Primary Over-Voltage
RVA063	45	'3687806_/3687820'	0	10	10	0	8.8	10	0 No	0	Primary Over-Voltage
RVA063	46	'3687789_/3687803'	0	10	10	0	8.8	10	0 No	0	Primary Over-Voltage
RVA063	47	'3687772_/3687786'	0	10	10	0	8.8	10	0 No	0	Primary Over-Voltage
RVA063	48	'3687755_/3687769'	0	10	10	0	8.8	10	0 No	0	Primary Over-Voltage
RVA063	49	'3687735_/3687752'	0	10	10	0	8.8	10	0 No	0	Primary Over-Voltage
RVA063	50	'3687718_/3687732'	0	10	10	0	8.8	10	0 No	0	Primary Over-Voltage
RVA063	51	'3687698_/3687715'	0	10	10	0	8.8	10	0 No	0	Primary Over-Voltage
RVA063	52	'3687678_/3687695'	0	10	10	0	8.8	10	0 No	0	Primary Over-Voltage
RVA063	53	'3687658_/3687675'	0	10	10	0	8.8	10	0 No	0	Primary Over-Voltage
RVA063	54	'3687638_/3687655'	0	10	10	0	8.8	10	0 No	0	Primary Over-Voltage
RVA063	55	'3687618_/3687635'	0	10	10	0	8.8	10	0 No	0	Primary Over-Voltage
RVA063	56	'3687617_/3687615'	0	10	10	0	8.8	10	0 No	0	Primary Over-Voltage
RWD061	0	'RWD061_/9145459'	10	10	10	1.21	10	10	10 No	1.21	Thermal Discharging
RWD061	1	'8513073_/9145459'	10	10	10	1.21	10	10	6.34 No	1.21	Thermal Discharging
RWD061	2	'8513074_/8513071'	10	10	10	1.21	10	10	6.34 No	1.21	Thermal Discharging
RWD061	3	'49963417_/9145479_1'	10	10	10	1.21	10	10	6.34 No	1.21	Thermal Discharging
RWD061	4	'3261515_/9145479_2'	10	10	10	1.21	10	10	6.34 No	1.21	Thermal Discharging
RWD061	5	'43286683_/3261549'	10	10	10	1.21	10	10	6.34 No	1.21	Thermal Discharging
RWD061	6	'3261514_/3261512'	10	10	10	1.21	10	10	6.34 No	1.21	Thermal Discharging
RWD061	7	'7332144_/7332141'	3.17	3.33	3.33	0.4	0.5	3.33	2.24 No	0.4	Thermal Discharging
RWD061	8	'8513018_/8513015_2'	3.33	3.33	3.33	0.4	1.7	3.33	2.11 No	0.4	Thermal Discharging
RWD061	9	'43285082_/43285084'	10	10	10	1.21	10	10	6.34 No	1.21	Thermal Discharging
RWD061	10	'8202717_/8513015_1'	3.33	3.33	3.33	0.4	0.4	3.33	2.11 No	0.4	Thermal Discharging
RWD061	11	'3243381_/3261532'	10	10	10	1.21	10	10	6.34 No	1.21	Thermal Discharging
RWD061	12	'38836538_/7566318_1'	10	10	10	1.21	1.5	10	6.34 No	1.21	Thermal Discharging
RWD061	13	'7566321_/7566318_2'	10	10	10	1.21	1.5	10	6.34 No	1.21	Thermal Discharging
RWD061	14	'3243347_/3243378'	10	10	10	1.21	10	10	6.34 No	1.21	Thermal Discharging
RWD061	15	'3243346_/3243344'	10	10	10	1.21	10	10	6.34 No	1.21	Thermal Discharging
RWD061	16	'8202718_/8202715'	3.33	3.33	3.33	0.4	0.4	3.33	2.11 No	0.4	Thermal Discharging
RWD061	17	'3261424_/3261438'	10	10	10	1.21	10	10	6.34 No	1.21	Thermal Discharging
RWD061	18	'3249926_/3261421'	10	10	10	1.21	10	10	6.34 No	1.21	Thermal Discharging
RWD061	19	'8831216_/8831214'	3.33	3.33	3.33	0.4	0.4	3.33	2.11 No	0.4	Thermal Discharging
RWD061	20	'3241256_/3249923'	10	10	10	1.21	10	10	6.34 No	1.21	Thermal Discharging
RWD061	21	'3241257_/3241254'	10	10	10	1.21	10	10	6.34 No	1.21	Thermal Discharging
RWD061	22	'3243364_/3243600'	10	10	10	1.21	10	10	6.34 No	1.21	Thermal Discharging
RWD061	23	'43283315_/3249903'	10	10	10	1.21	10	10	6.34 No	1.21	Thermal Discharging
RWD061	24	'92284148_/57170593_2'	10	10	10	1.21	5.4	10	6.34 No	1.21	Thermal Discharging
RWD061	25	'37664070_/7567098'	10	10	10	1.21	1.5	10	6.34 No	1.21	Thermal Discharging
RWD061	26	'402123277_/402123274'	3.33	3.33	3.33	0.4	0.5	3.33	2.11 No	0.4	Thermal Discharging
RWD061	27	'37664056_/37664060'	10	10	10	1.21	1.5	10	6.34 No	1.21	Thermal Discharging
RWD061	28	'3241202_/43283317'	10	10	10	1.21	10	10	6.34 No	1.21	Thermal Discharging
RWD061	29	'8511637_/8511635_1'	3.33	3.33	3.33	0.4	0.5	3.33	2.11 No	0.4	Thermal Discharging
RWD061	30	'3233167_/3243361'	10	10	10	1.21	10	10	6.34 No	1.21	Thermal Discharging
RWD061	31	'3241203_/3241200_1'	10	10	10	1.21	10	10	6.34 No	1.21	Thermal Discharging
RWD061	32	'3233150_/3233164'	10	10	10	1.21	10	10	6.34 No	1.21	Thermal Discharging
RWD061	33	'43283302_/3241200_2'	10	10	10	1.21	10	10	6.34 No	1.21	Thermal Discharging
RWD061	34	'8200639_/8511635_2'	3.33	3.33	3.33	0.4	0.5	3.33	2.11 No	0.4	Thermal Discharging
RWD061	35	'3241220_/43283304'	10	10	10	1.21	10	10	6.34 No	1.21	Thermal Discharging
RWD061	36	'145905844_/3233147'	10	10	10	1.21	10	10	6.34 No	1.21	Thermal Discharging
RWD061	37	'148854688_/145905902_1'	10	10	10	1.21	0.5	10	6.34 No	0.5	Element Fault
RWD061	38	'7332143_/7332157'	10	10	10	1.21	1.5	10	6.34 No	1.21	Thermal Discharging
RWD061	39	'3232121_/3241166'	10	10	10	1.21	10	10	6.34 No	1.21	Thermal Discharging
RWD061	40	'3261390_/3261387'	10	10	10	1.21	10	10	6.34 No	1.21	Thermal Discharging
RWD061	41	'386145541_/386145513_1'	10	10	10	1.21	0.5	10	6.34 No	0.5	Element Fault
RWD061	42	'43282642_/43282644'	10	10	10	1.21	10	10	6.34 No	1.21	Thermal Discharging
RWD061	43	'3239877_/9144973_2'	10	10	10	1.21	10	10	6.34 No	1.21	Thermal Discharging
RWD061	44	'43283292_/3261404'	10	10	10	1.21	10	10	6.34 No	1.21	Thermal Discharging
RWD061	45	'145905884_/145905902_2'	10	10	10	1.21	0.5	10	6.34 No	0.5	Element Fault
RWD061	46	'3232122_/3232132_1'	3.33	3.33	3.33	0.4	0.4	3.33	2.11 No	0.4	Thermal Discharging
RWD061	47	'8199879_/57170593_1'	10	10	10	1.21	1.7	10	6.34 No	1.21	Thermal Discharging
RWD061	48	'69564876_/43283294_1'	10	10	10	1.21	10	10	6.34 No	1.21	Thermal Discharging
RWD061	49	'43286584_/43283294_2'	10	10	10	1.21	10	10	6.34 No	1.21	Thermal Discharging
RWD061	50	'7251573_/7568264_2'	10	10	10	1.21	5.1	10	6.34 No	1.21	Thermal Discharging
RWD061	51	'7568267_/7568264_1'	10	10	10	1.21	1.4	10	6.34 No	1.21	Thermal Discharging
RWD061	52	'386145490_/386145513_2'	10	10	10	1.21	0.5	10	6.34 No	0.5	Element Fault
RWD061	53	'43283279_/43286586'	10	10	10	1.21	10	10	6.34 No	1.21	Thermal Discharging
RWD061	54	'7332160_/8281382'	10	10	10	1.21	1.4	10	6.34 No	1.21	Thermal Discharging
RWD061	55	'3243944_/43283281'	10	10	10	1.21	10	10	6.34 No	1.21	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RWD061	56	'7877987_/8200637'	3.33		3.33	3.33	0.4	0.5	3.33	2.11 No	0.4 Thermal Discharging
RWD061	57	'607206759_/607206631_1'	10		10	10	1.21	1.5	10	6.34 No	1.21 Thermal Discharging
RWD061	58	'3243928_/3243942'	10		10	10	1.21	10	10	6.34 No	1.21 Thermal Discharging
RWD061	59	'7966012_/7966009'	1.97		3.33	3.33	0.4	0.5	3.33	2.11 No	0.4 Thermal Discharging
RWD061	60	'8828496_/57170580'	10		10	10	1.21	1.7	10	6.34 No	1.21 Thermal Discharging
RWD061	61	'7249846_/7566298'	10		10	10	1.21	1.5	10	6.34 No	1.21 Thermal Discharging
RWD061	62	'8829059_/9144973_1'	10		10	10	1.21	10	10	6.34 No	1.21 Thermal Discharging
RWD061	63	'3243927_/3243925'	10		10	10	1.21	10	10	6.34 No	1.21 Thermal Discharging
RWD061	64	'8829039_/8829056'	10		10	10	1.21	10	10	6.34 No	1.21 Thermal Discharging
RWD061	65	'9145501_/9145499'	3.33		3.33	3.33	0.4	0.4	3.33	2.11 No	0.4 Thermal Discharging
RWD061	66	'43283078_/3232132_2'	3.33		3.33	3.33	0.4	0.4	3.33	2.11 No	0.4 Thermal Discharging
RWD061	67	'4626289_/7074402'	10		10	10	1.21	10	10	6.34 No	1.21 Thermal Discharging
RWD061	68	'7249847_/7249844'	10		10	10	1.21	1.5	10	6.34 No	1.21 Thermal Discharging
RWD061	69	'7877988_/7877985'	3.33		3.33	3.33	0.4	0.5	3.33	2.11 No	0.4 Thermal Discharging
RWD061	70	'4626272_/4626286'	10		10	10	1.21	10	10	6.34 No	1.21 Thermal Discharging
RWD061	71	'8281384_/8591680'	10		10	10	1.21	1.4	10	6.34 No	1.21 Thermal Discharging
RWD061	72	'7567837_/8830798'	10		10	10	1.21	1.5	10	6.34 No	1.21 Thermal Discharging
RWD061	73	'4626123_/4626269'	10		10	10	1.21	10	10	6.34 No	1.21 Thermal Discharging
RWD061	74	'399875733_/8829036'	10		10	10	1.21	10	10	6.34 No	1.21 Thermal Discharging
RWD061	75	'399875716_/37663668'	10		10	10	1.21	10	10	6.34 No	1.21 Thermal Discharging
RWD061	76	'399875727_/37663661'	10		10	10	1.21	10	10	6.34 No	1.21 Thermal Discharging
RWD061	77	'399875721_/37663654'	10		10	10	1.21	4.8	10	6.34 No	1.21 Thermal Discharging
RWD061	78	'399875715_/37663647'	10		10	10	1.21	4.5	10	6.34 No	1.21 Thermal Discharging
RWD061	79	'8202614_/57170567'	10		10	10	1.21	1.7	10	6.34 No	1.21 Thermal Discharging
RWD061	80	'7249816_/7878001'	3.33		3.33	3.33	0.4	0.5	3.33	2.11 No	0.4 Thermal Discharging
RWD061	81	'4626106_/4626120'	10		10	10	1.21	10	10	6.34 No	1.21 Thermal Discharging
RWD061	82	'358456347_/8511465'	10		10	10	1.21	10	10	6.34 No	1.21 Thermal Discharging
RWD061	83	'358456340_/358456209'	10		10	10	1.21	10	10	6.34 No	1.21 Thermal Discharging
RWD061	84	'359902681_/358456201'	10		10	10	1.21	4.8	10	6.34 No	1.21 Thermal Discharging
RWD061	85	'358456359_/358456225'	10		10	10	1.21	4.5	10	6.34 No	1.21 Thermal Discharging
RWD061	86	'37663587_/8828214_1'	10		10	10	1.21	4.8	10	6.34 No	1.21 Thermal Discharging
RWD061	87	'382211504_/578407553'	10		10	10	1.21	4.5	10	6.34 No	1.21 Thermal Discharging
RWD061	88	'7966388_/8911141'	10		10	10	1.21	1.4	10	6.34 No	1.21 Thermal Discharging
RWD061	89	'8511673_/607206631_2'	10		10	10	1.21	1.5	10	6.34 No	1.21 Thermal Discharging
RWD061	90	'4632320_/4632351'	10		10	10	1.21	10	10	6.34 No	1.21 Thermal Discharging
RWD061	91	'7566261_/7567834'	10		10	10	1.21	1.5	10	6.34 No	1.21 Thermal Discharging
RWD061	92	'4632319_/4632317'	10		10	10	1.21	10	10	6.34 No	1.21 Thermal Discharging
RWD061	93	'8591663_/8591660_2'	10		10	10	1.21	5.1	10	6.34 No	1.21 Thermal Discharging
RWD061	94	'7877426_/578407542'	10		10	10	1.21	4.5	10	6.34 No	1.21 Thermal Discharging
RWD061	95	'7647204_/8591660_1'	10		10	10	1.21	1.4	10	6.34 No	1.21 Thermal Discharging
RWD061	96	'7217973_/7217970_2'	3.33		3.33	3.33	0.4	1.7	3.33	2.11 No	0.4 Thermal Discharging
RWD061	97	'4632336_/4632334'	10		10	10	1.21	10	10	6.34 No	1.21 Thermal Discharging
RWD061	98	'7566260_/7566258'	10		10	10	1.21	1.5	10	6.34 No	1.21 Thermal Discharging
RWD061	99	'3232135_/43283080'	3.33		3.33	3.33	0.4	0.4	3.33	2.11 No	0.4 Thermal Discharging
RWD061	100	'7647203_/7647201'	6.67		6.67	6.67	0.81	0.93	6.67	4.23 No	0.81 Thermal Discharging
RWD061	101	'4632371_/4632368'	10		10	10	1.21	10	10	6.34 No	1.21 Thermal Discharging
RWD061	102	'7217972_/7217970_1'	3.33		3.33	3.33	0.4	0.5	3.33	2.11 No	0.4 Thermal Discharging
RWD061	103	'8511527_/8829148'	10		10	10	1.21	4.8	10	6.34 No	1.21 Thermal Discharging
RWD061	104	'7251002_/7251000'	10		10	10	1.21	4.5	10	6.34 No	1.21 Thermal Discharging
RWD061	105	'7558568_/9144781'	10		10	10	1.21	4.5	10	6.34 No	1.21 Thermal Discharging
RWD061	106	'7966387_/7966385'	6.67		6.67	6.67	0.81	0.93	6.67	4.23 No	0.81 Thermal Discharging
RWD061	107	'7566220_/8511525'	10		10	10	1.21	4.8	10	6.34 No	1.21 Thermal Discharging
RWD061	108	'7249817_/7249814'	3.33		3.33	3.33	0.4	0.5	3.33	2.11 No	0.4 Thermal Discharging
RWD061	109	'8199840_/578407531'	10		10	10	1.21	4.5	10	6.34 No	1.21 Thermal Discharging
RWD061	110	'7566280_/7566278'	10		10	10	1.21	1.5	10	6.34 No	1.21 Thermal Discharging
RWD061	111	'7566221_/7566218'	10		10	10	1.21	4.8	10	6.34 No	1.21 Thermal Discharging
RWD061	112	'7877878_/7877875'	3.33		3.33	3.33	0.4	0.5	3.33	2.11 No	0.4 Thermal Discharging
RWD061	113	'7249887_/8828214_2'	10		10	10	1.21	4.8	10	6.34 No	1.21 Thermal Discharging
RWD061	114	'8829231_/8829228'	3.33		3.33	3.33	0.4	0.5	3.33	2.11 No	0.4 Thermal Discharging
RWD061	115	'7250982_/7558565'	10		10	10	1.21	4.5	10	6.34 No	1.21 Thermal Discharging
RWD061	116	'51413569_/51413575'	10		10	10	1.21	1.7	10	6.34 No	1.21 Thermal Discharging
RWD061	117	'8739678_/9458732'	3.33		3.33	3.33	0.4	0.5	3.33	2.11 No	0.4 Thermal Discharging
RWD061	118	'7966063_/9366234'	10		10	10	1.21	4.5	10	6.34 No	1.21 Thermal Discharging
RWD061	119	'4626107_/4626104'	3.33		3.33	3.33	0.4	0.5	3.33	2.11 No	0.4 Thermal Discharging
RWD061	120	'70465773_/70465802'	10		10	10	1.21	1.7	10	6.34 No	1.21 Thermal Discharging
RWD061	121	'8591287_/9539098'	3.33		3.33	3.33	0.4	0.5	3.33	2.11 No	0.4 Thermal Discharging
RWD061	122	'37664014_/9143031'	10		10	10	1.21	1.5	10	6.34 No	1.21 Thermal Discharging
RWD061	123	'8281565_/8739676'	3.33		3.33	3.33	0.4	0.5	3.33	2.11 No	0.4 Thermal Discharging
RWD061	124	'8591342_/607206510'	10		10	10	1.21	1.5	10	6.34 No	1.21 Thermal Discharging
RWD061	125	'9143017_/9458540'	3.33		3.33	3.33	0.4	0.5	3.33	2.11 No	0.4 Thermal Discharging
RWD061	126	'7475416_/8735460'	10		10	10	1.21	4.8	10	6.34 No	1.21 Thermal Discharging
RWD061	127	'70465725_/70465784'	10		10	10	1.21	1.7	10	6.34 No	1.21 Thermal Discharging
RWD061	128	'8591286_/8591284'	3.33		3.33	3.33	0.4	0.5	3.33	2.11 No	0.4 Thermal Discharging
RWD061	129	'37664042_/9143015'	3.33		3.33	3.33	0.4	0.5	3.33	2.11 No	0.4 Thermal Discharging
RWD061	130	'37664041_/37664039'	3.33		3.33	3.33	0.4	0.5	3.33	2.11 No	0.4 Thermal Discharging
RWD061	131	'8281512_/9539046'	10		10	10	1.21	1.5	10	6.34 No	1.21 Thermal Discharging
RWD061	132	'37663783_/578407606'	10		10	10	1.21	4.5	10	6.34 No	1.21 Thermal Discharging
RWD061	133	'37663762_/37663787'	10		10	10	1.21	4.5	10	6.34 No	1.21 Thermal Discharging
RWD061	134	'37663769_/37663766'	10		10	10	1.21	4.5	10	6.34 No	1.21 Thermal Discharging
RWD061	135	'37663755_/37663759'	10		10	10	1.21	4.5	10	6.34 No	1.21 Thermal Discharging
RWD061	136	'399876013_/399876010'	10		10	10	1.21	4.5	10	6.34 No	1.21 Thermal Discharging
RWD061	137	'7475417_/7475414'	10		10	10	1.21	4.8	10	6.34 No	1.21 Thermal Discharging
RWD061	138	'8281880_/8281878'	2.27		3.33	3.33	0.4	0.47	3.33	2.11 No	0.4 Thermal Discharging
RWD061	139	'8510818_/8510815'	10		10	10	1.21	4.5	10	6.34 No	1.21 Thermal Discharging
RWD061	140	'8910895_/8910893'	3.33		3.33	3.33	0.4	0.5	3.33	2.11 No	0.4 Thermal Discharging
RWD061	141	'154707544_/154707541'	10		10	10	1.21	4.5	10	6.34 No	1.21 Thermal Discharging
RWD061	142	'7646881_/8281510'	10		10	10	1.21	1.5	10	6.34 No	1.21 Thermal Discharging
RWD061	143	'8281548_/8281546'	3.33		3.33	3.33	0.4	0.5	3.33	2.11 No	0.4 Thermal Discharging
RWD061	144	'8281533_/9225648'	3.33		3.33	3.33	0.4	0.5	3.33	2.11 No	0.4 Thermal Discharging
RWD061	145	'7475437_/70465730'	10		10	10	1.21	1.7	10	6.34 No	1.21 Thermal Discharging
RWD061	146	'7786826_/9681098'	10		10	10	1.21	4.8	10	6.34 No	1.21 Thermal Discharging
RWD061	147	'7646789_/7966061'	10		10	10	1.21	4.5	10	6.34 No	1.21 Thermal Discharging
RWD061	148	'7565646_/608101126'	10		10	10	1.21	4.5	10	6.34 No	1.21 Thermal Discharging
RWD061	149	'8281479_/8591360'	10		10	10	1.21	1.5	10	6.34 No	1.21 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
											VSR (MW)	Limiting Threshold
RWD061	150	'8591647_/_8911161'		2.1	3.33	3.33	3.33	0.4	0.47	3.33	2.11 No	0.4 Thermal Discharging
RWD061	151	'7966011_/_7966025'		3.13	3.33	3.33	3.33	0.4	0.5	3.33	2.11 No	0.4 Thermal Discharging
RWD061	152	'7646932_/_9225712'		3.33	3.33	3.33	3.33	0.4	0.5	3.33	2.11 No	0.4 Thermal Discharging
RWD061	153	'7786825_/_7786823'		10	10	10	10	1.21	4.8	10	6.34 No	1.21 Thermal Discharging
RWD061	154	'7475436_/_7475434'		10	10	10	10	1.21	1.7	10	6.34 No	1.21 Thermal Discharging
RWD061	155	'7646882_/_7646879'		6.67	6.67	6.67	0.81	1	6.67	4.23 No	0.81 Thermal Discharging	
RWD061	156	'357144880_/_357144884'		10	10	10	10	1.21	4.5	10	6.34 No	1.21 Thermal Discharging
RWD061	157	'357144833_/_357144921'		10	10	10	10	1.21	4.5	10	6.34 No	1.21 Thermal Discharging
RWD061	158	'7646931_/_7646929'		3.33	3.33	3.33	3.33	0.4	0.5	3.33	2.11 No	0.4 Thermal Discharging
RWD061	159	'357144790_/_357144852'		10	10	10	10	1.21	4.5	10	6.34 No	1.21 Thermal Discharging
RWD061	160	'8591154_/_633068937'		10	10	10	10	1.21	1.7	10	6.34 No	1.21 Thermal Discharging
RWD061	161	'7249756_/_8138655'		10	10	10	10	1.21	4.8	10	6.34 No	1.21 Thermal Discharging
RWD061	162	'7966176_/_7966173'		3.33	3.33	3.33	3.33	0.4	0.5	3.33	2.11 No	0.4 Thermal Discharging
RWD061	163	'8591382_/_9539066'		3.33	3.33	3.33	3.33	0.4	0.5	3.33	2.11 No	0.4 Thermal Discharging
RWD061	164	'8510757_/_345336908'		10	10	10	10	1.21	4.5	10	6.34 No	1.21 Thermal Discharging
RWD061	165	'8281564_/_8591380_1'		3.33	3.33	3.33	3.33	0.4	0.5	3.33	2.11 No	0.4 Thermal Discharging
RWD061	166	'7249186_/_7249754'		10	10	10	10	1.21	4.8	10	6.34 No	1.21 Thermal Discharging
RWD061	167	'7249187_/_7249184'		10	10	10	10	1.21	4.8	10	6.34 No	1.21 Thermal Discharging
RWD061	168	'7565626_/_357682810'		8.5	10	10	10	1.21	4.5	10	6.34 No	1.21 Thermal Discharging
RWD061	169	'7966028_/_8281476'		3.33	3.33	3.33	3.33	0.4	0.5	3.33	2.11 No	0.4 Thermal Discharging
RWD061	170	'7249166_/_73483268'		5.6	10	10	10	1.21	4.5	10	6.34 No	1.21 Thermal Discharging
RWD061	171	'37664000_/_153527984'		5.6	10	10	10	1.21	4.8	10	6.34 No	1.21 Thermal Discharging
RWD061	172	'399876935_/_37664004'		6.2	10	10	10	1.21	1.5	10	6.34 No	1.21 Thermal Discharging
RWD061	173	'399876936_/_399876933'		6.2	10	10	10	1.21	1.5	10	6.34 No	1.21 Thermal Discharging
RWD061	174	'37664028_/_37664032'		6.2	10	10	10	1.21	1.5	10	6.34 No	1.21 Thermal Discharging
RWD061	175	'8418709_/_8910873'		2	10	10	10	1.21	1.7	10	6.34 No	1.21 Thermal Discharging
RWD061	176	'7249796_/_153527924'		5.4	10	10	10	1.21	1.5	10	6.34 No	1.21 Thermal Discharging
RWD061	177	'7877406_/_7877403'		5	10	10	10	1.21	1.5	10	6.34 No	1.21 Thermal Discharging
RWD061	178	'7565606_/_357682772'		4.3	10	10	10	1.21	4.5	10	6.34 No	1.21 Thermal Discharging
RWD061	179	'9457904_/_9457902'		4.2	10	10	10	1.21	1.5	10	6.34 No	1.21 Thermal Discharging
RWD061	180	'40372842_/_345336883'		3.8	10	10	10	1.21	4.5	10	6.34 No	1.21 Thermal Discharging
RWD061	181	'7646686_/_633068948'		1.23	3.33	3.33	3.33	0.4	0.57	3.33	2.11 No	0.4 Thermal Discharging
RWD061	182	'7501709_/_154074427'		3.7	10	10	10	1.21	4.5	10	6.34 No	1.21 Thermal Discharging
RWD061	183	'7501708_/_154074449'		3.6	10	10	10	1.21	4.5	10	6.34 No	1.21 Thermal Discharging
RWD061	184	'7565587_/_154074486'		3.5	10	10	10	1.21	4.5	10	6.34 No	1.21 Thermal Discharging
RWD061	185	'9459894_/_9459892'		3.9	10	10	10	1.21	1.5	10	6.34 No	1.21 Thermal Discharging
RWD061	186	'7565586_/_7565584'		3.4	10	10	10	1.21	4.5	10	6.34 No	1.21 Thermal Discharging
RWD061	187	'8830781_/_9459912'		3.7	10	10	10	1.21	1.5	10	6.34 No	1.21 Thermal Discharging
RWD061	188	'8199779_/_8199777'		3.3	10	10	10	1.21	4.5	10	6.34 No	1.21 Thermal Discharging
RWD061	189	'7879538_/_8830778'		3.6	10	10	10	1.21	1.5	10	6.34 No	1.21 Thermal Discharging
RWD061	190	'8510738_/_9142383'		3.2	10	10	10	1.21	4.5	10	6.34 No	1.21 Thermal Discharging
RWD061	191	'8510737_/_8510735'		3.1	10	10	10	1.21	4.5	10	6.34 No	1.21 Thermal Discharging
RWD061	192	'8510718_/_9457862'		3.1	10	10	10	1.21	4.5	10	6.34 No	1.21 Thermal Discharging
RWD061	193	'7646685_/_659127652'		1	3.33	3.33	3.33	0.4	0.57	3.33	2.11 No	0.4 Thermal Discharging
RWD061	194	'37665274_/_7879535'		3.2	10	10	10	1.21	1.5	10	6.34 No	1.21 Thermal Discharging
RWD061	195	'399900905_/_37665313'		3.2	10	10	10	1.21	1.5	10	6.34 No	1.21 Thermal Discharging
RWD061	196	'37665288_/_37665285'		3.2	10	10	10	1.21	1.5	10	6.34 No	1.21 Thermal Discharging
RWD061	197	'399900906_/_399900903'		3.2	10	10	10	1.21	1.5	10	6.34 No	1.21 Thermal Discharging
RWD061	198	'37665302_/_37665306'		3.2	10	10	10	1.21	1.5	10	6.34 No	1.21 Thermal Discharging
RWD061	199	'8510717_/_8510715'		2.9	10	10	10	1.21	4.5	10	6.34 No	1.21 Thermal Discharging
RWD061	200	'8108759_/_9144953'		3.1	10	10	10	1.21	1.5	10	6.34 No	1.21 Thermal Discharging
RWD061	201	'71974085_/_71974091'		1.93	6.67	6.67	0.81	1	6.67	4.23 No	0.81 Thermal Discharging	
RWD061	202	'7249776_/_7251076'		2.9	10	10	10	1.21	1.5	10	6.34 No	1.21 Thermal Discharging
RWD061	203	'7646702_/_659127643'		0.83	3.33	3.33	3.33	0.4	0.57	3.33	2.11 No	0.4 Thermal Discharging
RWD061	204	'7249777_/_7249774'		2.7	10	10	10	1.21	1.5	10	6.34 No	1.21 Thermal Discharging
RWD061	205	'8418708_/_8418706_1'		2	10	10	10	1.21	1.7	10	6.34 No	1.21 Thermal Discharging
RWD061	206	'7646701_/_659127634'		0.8	3.33	3.33	3.33	0.4	0.57	3.33	2.11 No	0.4 Thermal Discharging
RWD061	207	'7646718_/_659127561'		0.67	3.33	3.33	3.33	0.4	0.57	3.33	2.11 No	0.4 Thermal Discharging
RWD061	208	'8108758_/_8108756'		0.87	3.33	3.33	3.33	0.4	0.5	3.33	2.11 No	0.4 Thermal Discharging
RWD061	209	'7646754_/_8281422'		0.77	3.33	3.33	3.33	0.4	0.5	3.33	2.11 No	0.4 Thermal Discharging
RWD061	210	'71974142_/_71974167'		0.7	3.33	3.33	3.33	0.4	0.5	3.33	2.11 No	0.4 Thermal Discharging
RWD061	211	'7646753_/_7646751'		0.7	3.33	3.33	3.33	0.4	0.5	3.33	2.11 No	0.4 Thermal Discharging
RWD061	212	'7646825_/_7646823'		0.63	3.33	3.33	3.33	0.4	0.5	3.33	2.11 No	0.4 Thermal Discharging
RWD061	213	'7646809_/_7966081'		0.6	3.33	3.33	3.33	0.4	0.5	3.33	2.11 No	0.4 Thermal Discharging
RWD061	214	'7646810_/_7646807'		0.57	3.33	3.33	3.33	0.4	0.5	3.33	2.11 No	0.4 Thermal Discharging
RWD062	0	'RWD062_/_8513031'		10	10	10	10	1.51	10	10	10 No	1.51 Thermal Discharging
RWD062	1	'8513034_/_8513031'		10	10	10	10	1.51	10	10	5.22 No	1.51 Thermal Discharging
RWD062	2	'7251658_/_8513051'		10	10	10	10	1.51	10	10	5.22 No	1.51 Thermal Discharging
RWD062	3	'7251659_/_7251656_1'		10	10	10	10	1.51	10	10	5.22 No	1.51 Thermal Discharging
RWD062	4	'3261569_/_7251656_2'		10	10	10	10	1.51	10	10	5.22 No	1.51 Thermal Discharging
RWD062	5	'43286670_/_43286672'		10	10	10	10	1.51	10	10	5.22 No	1.51 Thermal Discharging
RWD062	6	'3261568_/_3261566'		10	10	10	10	1.51	10	10	5.22 No	1.51 Thermal Discharging
RWD062	7	'3262428_/_3262426'		10	10	10	10	1.51	10	10	5.22 No	1.51 Thermal Discharging
RWD062	8	'58162267_/_58162244_1'		10	10	10	10	1.51	1.5	10	5.22 No	1.5 Element Fault
RWD062	9	'3233184_/_3262443'		10	10	10	10	1.51	10	10	5.22 No	1.51 Thermal Discharging
RWD062	10	'3233183_/_3233181'		10	10	10	10	1.51	10	10	5.22 No	1.51 Thermal Discharging
RWD062	11	'3261475_/_43286659'		10	10	10	10	1.51	10	10	5.22 No	1.51 Thermal Discharging
RWD062	12	'7251618_/_9460302_2'		10	10	10	10	1.51	5.2	10	5.22 No	1.51 Thermal Discharging
RWD062	13	'3261458_/_3261472'		10	10	10	10	1.51	10	10	5.22 No	1.51 Thermal Discharging
RWD062	14	'3233235_/_3261455'		10	10	10	10	1.51	10	10	5.22 No	1.51 Thermal Discharging
RWD062	15	'43283266_/_43283268'		10	10	10	10	1.51	10	10	5.22 No	1.51 Thermal Discharging
RWD062	16	'3233218_/_3233215_2'		10	10	10	10	1.51	10	10	5.22 No	1.51 Thermal Discharging
RWD062	17	'3241047_/_3241061'		10	10	10	10	1.51	10	10	5.22 No	1.51 Thermal Discharging
RWD062	18	'395245607_/_7791307_1'		10	10	10	10	1.51	1.4	10	5.22 No	1.4 Element Fault
RWD062	19	'43283253_/_3233215_1'		10	10	10	10	1.51	10	10	5.22 No	1.51 Thermal Discharging
RWD062	20	'3233303_/_3241044'		10	10	10	10	1.51	10	10	5.22 No	1.51 Thermal Discharging
RWD062	21	'54560287_/_54560289'		10	10	10	10	1.51	10	10	5.22 No	1.51 Thermal Discharging
RWD062	22	'3233130_/_3233198'		10	10	10	10	1.51	10	10	5.22 No	1.51 Thermal Discharging
RWD062	23	'3233286_/_3233300'		10	10	10	10	1.51	10	10	5.22 No	1.51 Thermal Discharging
RWD062	24	'54560371_/_54560351_2'		10	10	10	10	1.51	5.1	10	5.22 No	1.51 Thermal Discharging
RWD062	25	'3233113_/_3233127'		10	10	10	10	1.51	10	10	5.22 No	1.51 Thermal Discharging
RWD062	26	'3233269_/_3233283'		10	10	10	10	1.51	10	10	5.22 No	1.51 Thermal Discharging
RWD062	27	'3231949_/_3233110'		10	10	10	10	1.51	10	10	5.22 No	1.51 Thermal Discharging
RWD062	28	'385924601_/_385924360_2'		10	10	10	10	1.51	5.1	10	5.22 No	1.51 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RWD062	29	'7791309_/_7791307_2'		10	10	10	1.51	1.4	10	5.22 No	1.4 Element Fault
RWD062	30	'7880054_/_9460302_1'		10	10	10	1.51	1.5	10	5.22 No	1.5 Element Fault
RWD062	31	'3233252_/_3233266'		10	10	10	1.51	10	10	5.22 No	1.51 Thermal Discharging
RWD062	32	'3233079_/_3233093'		10	10	10	1.51	10	10	5.22 No	1.51 Thermal Discharging
RWD062	33	'3231950_/_3231947_1'		10	10	10	1.51	1.4	10	5.22 No	1.4 Element Fault
RWD062	34	'3232056_/_3233076'		10	10	10	1.51	10	10	5.22 No	1.51 Thermal Discharging
RWD062	35	'395245539_/_8113694'		10	10	10	1.51	1.4	10	5.22 No	1.4 Element Fault
RWD062	36	'3233251_/_3233249'		10	10	10	1.51	10	10	5.22 No	1.51 Thermal Discharging
RWD062	37	'3244650_/_3244648'		10	10	10	1.51	10	10	5.22 No	1.51 Thermal Discharging
RWD062	38	'3232055_/_3232053_3'	6.67		6.67	6.67	1.01	3	6.67	3.48 No	1.01 Thermal Discharging
RWD062	39	'3233045_/_3233059'		10	10	10	1.51	10	10	5.22 No	1.51 Thermal Discharging
RWD062	40	'58162237_/_58162244_2'		10	10	10	1.51	1.5	10	5.22 No	1.5 Element Fault
RWD062	41	'7514081_/_9093633_1'		10	10	10	1.51	1	10	5.22 No	1 Element Fault
RWD062	42	'3232040_/_3232053_2'	6.67		6.67	6.67	1.01	0.9	6.67	3.48 No	0.9 Element Fault
RWD062	43	'7514061_/_54560351_1'		10	10	10	1.51	1.4	10	5.22 No	1.4 Element Fault
RWD062	44	'7880053_/_7880051'		10	10	10	1.51	1.5	10	5.22 No	1.5 Element Fault
RWD062	45	'43283202_/_3231947_2'		10	10	10	1.51	1.4	10	5.22 No	1.4 Element Fault
RWD062	46	'111246699_/_111246728'		10	10	10	1.51	1.4	10	5.22 No	1.4 Element Fault
RWD062	47	'9460325_/_9460342_1'		10	10	10	1.51	1.5	10	5.22 No	1.5 Element Fault
RWD062	48	'3233044_/_3233042'		10	10	10	1.51	10	10	5.22 No	1.51 Thermal Discharging
RWD062	49	'3241080_/_3244665'		10	10	10	1.51	10	10	5.22 No	1.51 Thermal Discharging
RWD062	50	'3233712_/_43283153_2'		10	10	10	1.51	3.4	10	5.22 No	1.51 Thermal Discharging
RWD062	51	'8510698_/_8828414_1'		10	10	10	1.51	3.1	10	5.22 No	1.51 Thermal Discharging
RWD062	52	'43283138_/_43283140'		10	10	10	1.51	10	10	5.22 No	1.51 Thermal Discharging
RWD062	53	'3251086_/_3263273_2'		10	10	10	1.51	10	10	5.22 No	1.51 Thermal Discharging
RWD062	54	'3241081_/_3241078'		10	10	10	1.51	10	10	5.22 No	1.51 Thermal Discharging
RWD062	55	'3232088_/_3232053_1'	6.67		6.67	6.67	1.01	0.9	6.67	3.48 No	0.9 Element Fault
RWD062	56	'3263224_/_3263273_1'		10	10	10	1.51	10	10	5.22 No	1.51 Thermal Discharging
RWD062	57	'50731288_/_43283153_1'		10	10	10	1.51	1.4	10	5.22 No	1.4 Element Fault
RWD062	58	'3241098_/_3241095'		10	10	10	1.51	10	10	5.22 No	1.51 Thermal Discharging
RWD062	59	'624971296_/_624971300'		10	10	10	1.51	10	10	5.22 No	1.51 Thermal Discharging
RWD062	60	'3241115_/_3241112'		10	10	10	1.51	10	10	5.22 No	1.51 Thermal Discharging
RWD062	61	'74514071_/_74514082'		10	10	10	1.51	1.5	10	5.22 No	1.5 Element Fault
RWD062	62	'3251124_/_3263256'		10	10	10	1.51	10	10	5.22 No	1.51 Thermal Discharging
RWD062	63	'624971351_/_624971333_1'		10	10	10	1.51	1.4	10	5.22 No	1.4 Element Fault
RWD062	64	'9145012_/_9145129_1'		10	10	10	1.51	1.5	10	5.22 No	1.5 Element Fault
RWD062	65	'8828417_/_8828414_2'		10	10	10	1.51	3.1	10	5.22 No	1.51 Thermal Discharging
RWD062	66	'3263225_/_3263239_2'		10	10	10	1.51	3.4	10	5.22 No	1.51 Thermal Discharging
RWD062	67	'74514103_/_74514108'		10	10	10	1.51	1.5	10	5.22 No	1.5 Element Fault
RWD062	68	'3232041_/_3232038'	6.67		6.67	6.67	1.01	0.9	6.67	3.48 No	0.9 Element Fault
RWD062	69	'3243398_/_3251121'		10	10	10	1.51	10	10	5.22 No	1.51 Thermal Discharging
RWD062	70	'7249907_/_7566358_1'		10	10	10	1.51	10	10	5.22 No	1.51 Thermal Discharging
RWD062	71	'7566361_/_7566358_2'		10	10	10	1.51	10	10	5.22 No	1.51 Thermal Discharging
RWD062	72	'3243415_/_3243412'		10	10	10	1.51	10	10	5.22 No	1.51 Thermal Discharging
RWD062	73	'3233027_/_3241129'		10	10	10	1.51	10	10	5.22 No	1.51 Thermal Discharging
RWD062	74	'7568356_/_7568354'	6.67		6.67	6.67	1.01	1	6.67	3.48 No	1 Element Fault
RWD062	75	'7877892_/_7877889'		10	10	10	1.51	10	10	5.22 No	1.51 Thermal Discharging
RWD062	76	'624971317_/_624971333_2'		10	10	10	1.51	1.4	10	5.22 No	1.4 Element Fault
RWD062	77	'7568357_/_7880071'		10	10	10	1.51	1.5	10	5.22 No	1.5 Element Fault
RWD062	78	'3243397_/_3243395'		10	10	10	1.51	10	10	5.22 No	1.51 Thermal Discharging
RWD062	79	'7566449_/_3243715_2'		10	10	10	1.51	10	10	5.22 No	1.51 Thermal Discharging
RWD062	80	'3243701_/_3243715_1'		10	10	10	1.51	10	10	5.22 No	1.51 Thermal Discharging
RWD062	81	'43283052_/_3233025'		10	10	10	1.51	10	10	5.22 No	1.51 Thermal Discharging
RWD062	82	'64604261_/_7566198_3'		10	10	10	1.51	10	10	5.22 No	1.51 Thermal Discharging
RWD062	83	'3243700_/_3243698_2'		10	10	10	1.51	10	10	5.22 No	1.51 Thermal Discharging
RWD062	84	'43284849_/_3243698_1'		10	10	10	1.51	5.5	10	5.22 No	1.51 Thermal Discharging
RWD062	85	'7791329_/_385924360_1'		10	10	10	1.51	1.5	10	5.22 No	1.5 Element Fault
RWD062	86	'234106035_/_7217930_2'		10	10	10	1.51	5.2	10	5.22 No	1.51 Thermal Discharging
RWD062	87	'3251103_/_3263239_1'		10	10	10	1.51	1.5	10	5.22 No	1.5 Element Fault
RWD062	88	'7568090_/_9145129_2'		10	10	10	1.51	1.5	10	5.22 No	1.5 Element Fault
RWD062	89	'7793469_/_9376074'		10	10	10	1.51	3.1	10	5.22 No	1.51 Thermal Discharging
RWD062	90	'385924534_/_385924391_1'		10	10	10	1.51	1.4	10	5.22 No	1.4 Element Fault
RWD062	91	'3231916_/_3231930'		10	10	10	1.51	1.4	10	5.22 No	1.4 Element Fault
RWD062	92	'3232104_/_3232101'	6.67		6.67	6.67	1.01	0.9	6.67	3.48 No	0.9 Element Fault
RWD062	93	'4626140_/_7074422'		10	10	10	1.51	5.5	10	5.22 No	1.51 Thermal Discharging
RWD062	94	'8740979_/_385924412'		10	10	10	1.51	1.4	10	5.22 No	1.4 Element Fault
RWD062	95	'7251231_/_7568088'		10	10	10	1.51	1.5	10	5.22 No	1.5 Element Fault
RWD062	96	'4626139_/_4626137'		10	10	10	1.51	5.5	10	5.22 No	1.51 Thermal Discharging
RWD062	97	'3231862_/_3233743'		10	10	10	1.51	1.4	10	5.22 No	1.4 Element Fault
RWD062	98	'7646861_/_7646859_1'		10	10	10	1.51	1.4	10	5.22 No	1.4 Element Fault
RWD062	99	'4627874_/_4627891'		10	10	10	1.51	5.5	10	5.22 No	1.51 Thermal Discharging
RWD062	100	'4627873_/_4627871'		10	10	10	1.51	5.5	10	5.22 No	1.51 Thermal Discharging
RWD062	101	'9093636_/_9093633_2'		10	10	10	1.51	1	10	5.22 No	1 Element Fault
RWD062	102	'7332510_/_8281894_1'		10	10	10	1.51	1.4	10	5.22 No	1.4 Element Fault
RWD062	103	'3251104_/_3251101'		10	10	10	1.51	1.5	10	5.22 No	1.5 Element Fault
RWD062	104	'43550892_/_4627908'		10	10	10	1.51	5.5	10	5.22 No	1.51 Thermal Discharging
RWD062	105	'7880093_/_7880091'		10	10	10	1.51	1.5	10	5.22 No	1.5 Element Fault
RWD062	106	'4624307_/_43550894'		10	10	10	1.51	5.5	10	5.22 No	1.51 Thermal Discharging
RWD062	107	'51413698_/_51413683_2'		10	10	10	1.51	5.3	10	5.22 No	1.51 Thermal Discharging
RWD062	108	'8202225_/_8202243'		10	10	10	1.51	1.5	10	5.22 No	1.5 Element Fault
RWD062	109	'7217932_/_7217930_1'		10	10	10	1.51	1.6	10	5.22 No	1.51 Thermal Discharging
RWD062	110	'8202681_/_8831182'	3.33		3.33	3.33	0.5	0.5	3.33	1.74 No	0.5 Thermal Discharging
RWD062	111	'7332237_/_51413683_1'		10	10	10	1.51	1.6	10	5.22 No	1.51 Thermal Discharging
RWD062	112	'3231898_/_3231913'		10	10	10	1.51	1.4	10	5.22 No	1.4 Element Fault
RWD062	113	'7251210_/_8202223'		10	10	10	1.51	1.5	10	5.22 No	1.5 Element Fault
RWD062	114	'50731353_/_3232001'		10	10	10	1.51	1.4	10	5.22 No	1.4 Element Fault
RWD062	115	'43283177_/_3233686'		10	10	10	1.51	1.4	10	5.22 No	1.4 Element Fault
RWD062	116	'3241311_/_7566198_2'		10	10	10	1.51	10	10	5.22 No	1.51 Thermal Discharging
RWD062	117	'7249147_/_7249144_2'		10	10	10	1.51	1.4	10	5.22 No	1.4 Element Fault
RWD062	118	'43283328_/_7566198_1'		10	10	10	1.51	10	10	5.22 No	1.51 Thermal Discharging
RWD062	119	'3241310_/_3241308'		10	10	10	1.51	10	10	5.22 No	1.51 Thermal Discharging
RWD062	120	'8418728_/_8418726'		10	10	10	1.51	1.6	10	5.22 No	1.51 Thermal Discharging
RWD062	121	'3231846_/_43283179'		10	10	10	1.51	1.4	10	5.22 No	1.4 Element Fault
RWD062	122	'3241503_/_3242381'		10	10	10	1.51	10	10	5.22 No	1.51 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over- Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RWD062	123	'89032141_/_89032091_1'	3.33		3.33	3.33	0.5	0.4	3.33	1.74 No	0.4 Element Fault
RWD062	124	'3231863_/_3231860'	10		10	10	1.51	1.4	10	5.22 No	1.4 Element Fault
RWD062	125	'7251211_/_7251208'	10		10	10	1.51	1.5	10	5.22 No	1.5 Element Fault
RWD062	126	'615261814_/_615261852_1'	3.33		3.33	3.33	0.5	0.7	3.33	1.74 No	0.5 Thermal Discharging
RWD062	127	'3241487_/_3241501'	10		10	10	1.51	10	10	5.22 No	1.51 Thermal Discharging
RWD062	128	'7249146_/_7249144_1'	10		10	10	1.51	0.9	10	5.22 No	0.9 Element Fault
RWD062	129	'89032123_/_89031976_1'	3.33		3.33	3.33	0.5	0.4	3.33	1.74 No	0.4 Element Fault
RWD062	130	'34501123_/_7793467'	3.33		3.33	3.33	0.5	1.03	3.33	1.74 No	0.5 Thermal Discharging
RWD062	131	'4624308_/_4624305'	10		10	10	1.51	5.3	10	5.22 No	1.51 Thermal Discharging
RWD062	132	'3241467_/_3241484'	10		10	10	1.51	10	10	5.22 No	1.51 Thermal Discharging
RWD062	133	'262107745_/_262107661_1'	10		10	10	1.51	3.8	10	5.22 No	1.51 Thermal Discharging
RWD062	134	'7793470_/_44080198'	3.33		3.33	3.33	0.5	1.03	3.33	1.74 No	0.5 Thermal Discharging
RWD062	135	'8199899_/_8199897_1'	10		10	10	1.51	1.4	10	5.22 No	1.4 Element Fault
RWD062	136	'3241466_/_3241464'	10		10	10	1.51	10	10	5.22 No	1.51 Thermal Discharging
RWD062	137	'7565779_/_8510887_1'	3.33		3.33	3.33	0.5	0.5	3.33	1.74 No	0.5 Thermal Discharging
RWD062	138	'7879689_/_7879687'	3.33		3.33	3.33	0.5	0.5	3.33	1.74 No	0.5 Thermal Discharging
RWD062	139	'9459975_/_9459972'	10		10	10	1.51	1.5	10	5.22 No	1.5 Element Fault
RWD062	140	'3241433_/_3241447'	10		10	10	1.51	10	10	5.22 No	1.51 Thermal Discharging
RWD062	141	'8202245_/_8830894'	3.33		3.33	3.33	0.5	0.5	3.33	1.74 No	0.5 Thermal Discharging
RWD062	142	'7565722_/_7565720_1'	10		10	10	1.51	1.4	10	5.22 No	1.4 Element Fault
RWD062	143	'8199900_/_8199897_2'	10		10	10	1.51	1.4	10	5.22 No	1.4 Element Fault
RWD062	144	'3241416_/_3241430'	10		10	10	1.51	10	10	5.22 No	1.51 Thermal Discharging
RWD062	145	'7966156_/_7966153'	10		10	10	1.51	1.6	10	5.22 No	1.51 Thermal Discharging
RWD062	146	'3232023_/_43283230'	10		10	10	1.51	1.4	10	5.22 No	1.4 Element Fault
RWD062	147	'262107642_/_262107661_2'	10		10	10	1.51	3.8	10	5.22 No	1.51 Thermal Discharging
RWD062	148	'3241399_/_3241413'	10		10	10	1.51	10	10	5.22 No	1.51 Thermal Discharging
RWD062	149	'3231984_/_3231981'	10		10	10	1.51	1.4	10	5.22 No	1.4 Element Fault
RWD062	150	'4624325_/_43549538'	10		10	10	1.51	4.5	10	5.22 No	1.51 Thermal Discharging
RWD062	151	'3241382_/_3241396'	10		10	10	1.51	10	10	5.22 No	1.51 Thermal Discharging
RWD062	152	'717709943_/_717709901_1'	10		10	10	1.51	4.5	10	5.22 No	1.51 Thermal Discharging
RWD062	153	'7877481_/_89032091_2'	3.33		3.33	3.33	0.5	0.4	3.33	1.74 No	0.4 Element Fault
RWD062	154	'8281405_/_262107724'	10		10	10	1.51	3.8	10	5.22 No	1.51 Thermal Discharging
RWD062	155	'8828516_/_89031976_2'	3.33		3.33	3.33	0.5	0.4	3.33	1.74 No	0.4 Element Fault
RWD062	156	'510340812_/_717709901_2'	10		10	10	1.51	4.5	10	5.22 No	1.51 Thermal Discharging
RWD062	157	'679516769_/_679516773'	10		10	10	1.51	10	10	5.22 No	1.51 Thermal Discharging
RWD062	158	'7646841_/_8910909'	10		10	10	1.51	1.6	10	5.22 No	1.51 Thermal Discharging
RWD062	159	'3241365_/_3241379'	10		10	10	1.51	10	10	5.22 No	1.51 Thermal Discharging
RWD062	160	'8199920_/_9457958_1'	10		10	10	1.51	1.5	10	5.22 No	1.5 Element Fault
RWD062	161	'43283378_/_3241362'	10		10	10	1.51	10	10	5.22 No	1.51 Thermal Discharging
RWD062	162	'8591186_/_717709901_3'	10		10	10	1.51	4.5	10	5.22 No	1.51 Thermal Discharging
RWD062	163	'7332220_/_7646839'	10		10	10	1.51	1.6	10	5.22 No	1.51 Thermal Discharging
RWD062	164	'3231883_/_3231895'	6.67		6.67	6.67	1.01	0.93	6.67	3.48 No	0.93 Element Fault
RWD062	165	'8591187_/_8591184'	10		10	10	1.51	4.5	10	5.22 No	1.51 Thermal Discharging
RWD062	166	'3241347_/_3241345'	10		10	10	1.51	10	10	5.22 No	1.51 Thermal Discharging
RWD062	167	'7332219_/_727871844'	10		10	10	1.51	1.6	10	5.22 No	1.51 Thermal Discharging
RWD062	168	'3243312_/_3243310'	10		10	10	1.51	10	10	5.22 No	1.51 Thermal Discharging
RWD062	169	'3243266_/_3243293'	10		10	10	1.51	10	10	5.22 No	1.51 Thermal Discharging
RWD062	170	'9142982_/_9460058_1'	10		10	10	1.51	1.5	10	5.22 No	1.5 Element Fault
RWD062	171	'8591207_/_8591204'	10		10	10	1.51	3.8	10	5.22 No	1.51 Thermal Discharging
RWD062	172	'9457961_/_9457958_2'	10		10	10	1.51	1.5	10	5.22 No	1.5 Element Fault
RWD062	173	'3243253_/_3243250_2'	3.33		3.33	3.33	0.5	1.1	3.33	1.74 No	0.5 Thermal Discharging
RWD062	174	'3241331_/_3243276'	10		10	10	1.51	10	10	5.22 No	1.51 Thermal Discharging
RWD062	175	'7565723_/_7565720_2'	10		10	10	1.51	1.4	10	5.22 No	1.4 Element Fault
RWD062	176	'43283365_/_43283367'	10		10	10	1.51	10	10	5.22 No	1.51 Thermal Discharging
RWD062	177	'8828517_/_89031994'	3.33		3.33	3.33	0.5	0.4	3.33	1.74 No	0.4 Element Fault
RWD062	178	'43283352_/_3250182'	10		10	10	1.51	10	10	5.22 No	1.51 Thermal Discharging
RWD062	179	'7646862_/_8591320'	10		10	10	1.51	1.6	10	5.22 No	1.51 Thermal Discharging
RWD062	180	'3245242_/_43283354'	10		10	10	1.51	10	10	5.22 No	1.51 Thermal Discharging
RWD062	181	'3250221_/_3250108'	10		10	10	1.51	10	10	5.22 No	1.51 Thermal Discharging
RWD062	182	'114598508_/_7250102_2'	10		10	10	1.51	10	10	5.22 No	1.51 Thermal Discharging
RWD062	183	'111110932_/_3245253_1'	3.33		3.33	3.33	0.5	0.4	3.33	1.74 No	0.4 Element Fault
RWD062	184	'3250077_/_3250219'	10		10	10	1.51	10	10	5.22 No	1.51 Thermal Discharging
RWD062	185	'3250076_/_3250074'	10		10	10	1.51	10	10	5.22 No	1.51 Thermal Discharging
RWD062	186	'399899844_/_7250102_1'	10		10	10	1.51	10	10	5.22 No	1.51 Thermal Discharging
RWD062	187	'399899634_/_37664340'	10		10	10	1.51	10	10	5.22 No	1.51 Thermal Discharging
RWD062	188	'399899838_/_37664333'	10		10	10	1.51	10	10	5.22 No	1.51 Thermal Discharging
RWD062	189	'399899856_/_37664354'	10		10	10	1.51	4.5	10	5.22 No	1.51 Thermal Discharging
RWD062	190	'399899850_/_37664347'	10		10	10	1.51	4.6	10	5.22 No	1.51 Thermal Discharging
RWD062	191	'7250085_/_7250082_2'	10		10	10	1.51	5.1	10	5.22 No	1.51 Thermal Discharging
RWD062	192	'8512236_/_9459124'	10		10	10	1.51	10	10	5.22 No	1.51 Thermal Discharging
RWD062	193	'8281897_/_8281894_2'	10		10	10	1.51	1.4	10	5.22 No	1.4 Element Fault
RWD062	194	'7877482_/_89032054'	3.33		3.33	3.33	0.5	0.4	3.33	1.74 No	0.4 Element Fault
RWD062	195	'7250084_/_7250082_1'	10		10	10	1.51	1.4	10	5.22 No	1.4 Element Fault
RWD062	196	'7485862_/_615261852_2'	3.33		3.33	3.33	0.5	0.7	3.33	1.74 No	0.5 Thermal Discharging
RWD062	197	'3231882_/_3231880'	6.67		6.67	6.67	1.01	0.93	6.67	3.48 No	0.93 Element Fault
RWD062	198	'7565742_/_8510867'	10		10	10	1.51	1.4	10	5.22 No	1.4 Element Fault
RWD062	199	'7878586_/_7878583'	10		10	10	1.51	4.6	10	5.22 No	1.51 Thermal Discharging
RWD062	200	'3233839_/_3243250_1'	3.33		3.33	3.33	0.5	0.4	3.33	1.74 No	0.4 Element Fault
RWD062	201	'9225611_/_9225608'	10		10	10	1.51	4.5	10	5.22 No	1.51 Thermal Discharging
RWD062	202	'9538919_/_727871815'	10		10	10	1.51	1.6	10	5.22 No	1.51 Thermal Discharging
RWD062	203	'7566707_/_8512233'	10		10	10	1.51	10	10	5.22 No	1.51 Thermal Discharging
RWD062	204	'7565743_/_7565740'	10		10	10	1.51	1.4	10	5.22 No	1.4 Element Fault
RWD062	205	'8512256_/_8512253'	10		10	10	1.51	4.5	10	5.22 No	1.51 Thermal Discharging
RWD062	206	'7250124_/_9459144'	10		10	10	1.51	4.5	10	5.22 No	1.51 Thermal Discharging
RWD062	207	'8503100_/_8510887_2'	3.33		3.33	3.33	0.5	0.5	3.33	1.74 No	0.5 Thermal Discharging
RWD062	208	'8512202_/_8512199'	10		10	10	1.51	4.6	10	5.22 No	1.51 Thermal Discharging
RWD062	209	'8281440_/_9538896'	10		10	10	1.51	4.5	10	5.22 No	1.51 Thermal Discharging
RWD062	210	'653443365_/_653443371'	10		10	10	1.51	10	10	5.22 No	1.51 Thermal Discharging
RWD062	211	'653443218_/_653443446'	10		10	10	1.51	10	10	5.22 No	1.51 Thermal Discharging
RWD062	212	'653443219_/_653443216'	10		10	10	1.51	10	10	5.22 No	1.51 Thermal Discharging
RWD062	213	'653443290_/_653443222'	10		10	10	1.51	10	10	5.22 No	1.51 Thermal Discharging
RWD062	214	'653443236_/_653443234'	10		10	10	1.51	2.2	10	5.22 No	1.51 Thermal Discharging
RWD062	215	'653443294_/_653443228'	10		10	10	1.51	2.2	10	5.22 No	1.51 Thermal Discharging
RWD062	216	'3233877_/_3245253_2'	3.33		3.33	3.33	0.5	0.4	3.33	1.74 No	0.4 Element Fault

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RWD062	217	'9142524_/89032009'	3.33		3.33	3.33	0.5	0.4	3.33	1.74 No	0.4 Element Fault
RWD062	218	'653443341_/653443423'	10		10	10	1.51	10	5.22 No	1.51 Thermal Discharging	
RWD062	219	'107745385_/653443515'	10		10	10	1.51	2.2	10	5.22 No	1.51 Thermal Discharging
RWD062	220	'8831004_/9460058_2'	10		10	10	1.51	1.5	10	5.22 No	1.5 Element Fault
RWD062	221	'7566706_/7566704'	10		10	10	1.51	10	5.22 No	1.51 Thermal Discharging	
RWD062	222	'7485863_/615261633'	3.33		3.33	3.33	0.5	0.7	3.33	1.74 No	0.5 Thermal Discharging
RWD062	223	'452584724_/89032024'	3.33		3.33	3.33	0.5	0.4	3.33	1.74 No	0.4 Element Fault
RWD062	224	'3233878_/3233875'	3.33		3.33	3.33	0.5	0.4	3.33	1.74 No	0.4 Element Fault
RWD062	225	'452584685_/452584759'	3.33		3.33	3.33	0.5	0.4	3.33	1.74 No	0.4 Element Fault
RWD062	226	'7568110_/8831002'	10		10	10	1.51	1.5	10	5.22 No	1.5 Element Fault
RWD062	227	'3233823_/3233836'	3.33		3.33	3.33	0.5	0.4	3.33	1.74 No	0.4 Element Fault
RWD062	228	'107745347_/107745396'	10		10	10	1.51	2.2	10	5.22 No	1.51 Thermal Discharging
RWD062	229	'9142508_/89032039'	3.33		3.33	3.33	0.5	0.4	3.33	1.74 No	0.4 Element Fault
RWD062	230	'96713950_/452584689_1'	3.33		3.33	3.33	0.5	0.4	3.33	1.74 No	0.4 Element Fault
RWD062	231	'114598443_/8511847_2'	10		10	10	1.51	10	10	5.22 No	1.51 Thermal Discharging
RWD062	232	'3245291_/8511847_1'	10		10	10	1.51	10	10	5.22 No	1.51 Thermal Discharging
RWD062	233	'333820991_/3245289_1'	10		10	10	1.51	0.9	10	5.22 No	0.9 Element Fault
RWD062	234	'3245271_/3245289_2'	10		10	10	1.51	0.9	10	5.22 No	0.9 Element Fault
RWD062	235	'8910817_/727871804'	10		10	10	1.51	1.6	10	5.22 No	1.51 Thermal Discharging
RWD062	236	'8281441_/8281438'	10		10	10	1.51	4.5	10	5.22 No	1.51 Thermal Discharging
RWD062	237	'8829820_/9143619'	10		10	10	1.51	4.6	10	5.22 No	1.51 Thermal Discharging
RWD062	238	'8591267_/9538976'	10		10	10	1.51	1.6	10	5.22 No	1.51 Thermal Discharging
RWD062	239	'52620862_/52620865'	10		10	10	1.51	1.5	10	5.22 No	1.5 Element Fault
RWD062	240	'333821159_/331984076'	3.33		3.33	3.33	0.5	0.3	3.33	1.74 No	0.3 Element Fault
RWD062	241	'52620841_/52620894'	10		10	10	1.51	1.5	10	5.22 No	1.5 Element Fault
RWD062	242	'53002655_/8591224'	10		10	10	1.51	4.5	10	5.22 No	1.51 Thermal Discharging
RWD062	243	'52620804_/52620848'	10		10	10	1.51	1.5	10	5.22 No	1.5 Element Fault
RWD062	244	'333821231_/333821098'	10		10	10	1.51	0.9	10	5.22 No	0.9 Element Fault
RWD062	245	'653443471_/653443487'	10		10	10	1.51	2.2	10	5.22 No	1.51 Thermal Discharging
RWD062	246	'134952939_/134952917'	6.67		6.67	6.67	1.01	1	6.67	3.48 No	1 Element Fault
RWD062	247	'43283424_/3233888'	3.33		3.33	3.33	0.5	0.4	3.33	1.74 No	0.4 Element Fault
RWD062	248	'49932033_/8829818_1'	10		10	10	1.51	1.5	10	5.22 No	1.5 Element Fault
RWD062	249	'3250169_/8829818_2'	10		10	10	1.51	1.5	10	5.22 No	1.5 Element Fault
RWD062	250	'134952897_/7568108'	10		10	10	1.51	1.5	10	5.22 No	1.5 Element Fault
RWD062	251	'393169702_/8201275'	10		10	10	1.51	4.5	10	5.22 No	1.51 Thermal Discharging
RWD062	252	'52653724_/52653728'	6.67		6.67	6.67	1.01	1	6.67	3.48 No	1 Element Fault
RWD062	253	'43283341_/43283343'	3.33		3.33	3.33	0.5	0.4	3.33	1.74 No	0.4 Element Fault
RWD062	254	'393169790_/393169809'	10		10	10	1.51	4.5	10	5.22 No	1.51 Thermal Discharging
RWD062	255	'8591247_/8591264'	10		10	10	1.51	1.6	10	5.22 No	1.51 Thermal Discharging
RWD062	256	'8199955_/615261658'	3.33		3.33	3.33	0.5	0.7	3.33	1.74 No	0.5 Thermal Discharging
RWD062	257	'7568111_/134952961'	10		10	10	1.51	1.5	10	5.22 No	1.5 Element Fault
RWD062	258	'52653757_/52653759'	10		10	10	1.51	1.5	10	5.22 No	1.5 Element Fault
RWD062	259	'7332179_/53002661'	10		10	10	1.51	4.5	10	5.22 No	1.51 Thermal Discharging
RWD062	260	'393169746_/393169835'	10		10	10	1.51	4.5	10	5.22 No	1.51 Thermal Discharging
RWD062	261	'7558831_/8503097'	3.33		3.33	3.33	0.5	0.5	3.33	1.74 No	0.5 Thermal Discharging
RWD062	262	'7332180_/7332177'	10		10	10	1.51	4.5	10	5.22 No	1.51 Thermal Discharging
RWD062	263	'3233904_/3233901'	3.33		3.33	3.33	0.5	0.4	3.33	1.74 No	0.4 Element Fault
RWD062	264	'37664182_/9143259'	10		10	10	1.51	4.5	10	5.22 No	1.51 Thermal Discharging
RWD062	265	'37664189_/37664186'	10		10	10	1.51	4.5	10	5.22 No	1.51 Thermal Discharging
RWD062	266	'37664196_/37664193'	10		10	10	1.51	4.5	10	5.22 No	1.51 Thermal Discharging
RWD062	267	'37664224_/37664221'	10		10	10	1.51	4.5	10	5.22 No	1.51 Thermal Discharging
RWD062	268	'3234241_/3250167'	6.67		6.67	6.67	1.01	1	6.67	3.48 No	1 Element Fault
RWD062	269	'3250256_/3250253_2'	3.33		3.33	3.33	0.5	0.5	3.33	1.74 No	0.5 Thermal Discharging
RWD062	270	'7250125_/7250122'	3.33		3.33	3.33	0.5	1.5	3.33	1.74 No	0.5 Thermal Discharging
RWD062	271	'45231788_/3250061'	3.33		3.33	3.33	0.5	0.4	3.33	1.74 No	0.4 Element Fault
RWD062	272	'8201277_/8512219'	3.33		3.33	3.33	0.5	1.5	3.33	1.74 No	0.5 Thermal Discharging
RWD062	273	'3250131_/3250128'	3.33		3.33	3.33	0.5	0.4	3.33	1.74 No	0.4 Element Fault
RWD062	274	'7878176_/7878173'	10		10	10	1.51	4.5	10	5.22 No	1.51 Thermal Discharging
RWD062	275	'8199956_/615261716'	2.3		3.33	3.33	0.5	0.7	3.33	1.74 No	0.5 Thermal Discharging
RWD062	276	'3234242_/3234239'	6.67		6.67	6.67	1.01	1	6.67	3.48 No	1 Element Fault
RWD062	277	'44569046_/7566664'	10		10	10	1.51	4.5	10	5.22 No	1.51 Thermal Discharging
RWD062	278	'7646769_/7966097'	6.9		10	10	1.51	4.5	10	5.22 No	1.51 Thermal Discharging
RWD062	279	'3250157_/3250253_1'	3.33		3.33	3.33	0.5	0.3	3.33	1.74 No	0.3 Element Fault
RWD062	280	'74999820_/422379132'	10		10	10	1.51	0.9	10	5.22 No	0.9 Element Fault
RWD062	281	'74999776_/74999849'	10		10	10	1.51	0.9	10	5.22 No	0.9 Element Fault
RWD062	282	'653443544_/107745358_1'	10		10	10	1.51	2.2	10	5.22 No	1.51 Thermal Discharging
RWD062	283	'7332199_/7646767'	5.4		10	10	1.51	4.5	10	5.22 No	1.51 Thermal Discharging
RWD062	284	'7332200_/8591244_1'	5.4		10	10	1.51	1.6	10	5.22 No	1.51 Thermal Discharging
RWD062	285	'3234260_/3234257'	6.67		6.67	6.67	1.01	1	6.67	3.48 No	1 Element Fault
RWD062	286	'3250285_/3250282_2'	3.33		3.33	3.33	0.5	0.5	3.33	1.74 No	0.5 Thermal Discharging
RWD062	287	'43283435_/3250154'	3.33		3.33	3.33	0.5	0.3	3.33	1.74 No	0.3 Element Fault
RWD062	288	'7558832_/7558829'	1.57		3.33	3.33	0.5	0.5	3.33	1.74 No	0.5 Thermal Discharging
RWD062	289	'8199988_/8199985'	1.43		3.33	3.33	0.5	0.7	3.33	1.74 No	0.5 Thermal Discharging
RWD062	290	'7879462_/74999781'	10		10	10	1.51	0.9	10	5.22 No	0.9 Element Fault
RWD062	291	'7879837_/8202359'	5		10	10	1.51	1.5	10	5.22 No	1.5 Element Fault
RWD062	292	'3234275_/3234272'	5.27		6.67	6.67	1.01	1	6.67	3.48 No	1 Element Fault
RWD062	293	'7879461_/7879459'	10		10	10	1.51	0.9	10	5.22 No	0.9 Element Fault
RWD062	294	'7879441_/8830722'	10		10	10	1.51	0.9	10	5.22 No	0.9 Element Fault
RWD062	295	'134952867_/134952978'	3.33		3.33	3.33	0.5	0.5	3.33	1.74 No	0.5 Thermal Discharging
RWD062	296	'3234008_/3250282_1'	2.13		3.33	3.33	0.5	0.3	3.33	1.74 No	0.3 Element Fault
RWD062	297	'3233943_/3250141'	1.87		3.33	3.33	0.5	0.3	3.33	1.74 No	0.3 Element Fault
RWD062	298	'3234290_/3234287'	3.27		6.67	6.67	1.01	1	6.67	3.48 No	1 Element Fault
RWD062	299	'37664210_/37664214'	3.33		3.33	3.33	0.5	1.5	3.33	1.74 No	0.5 Thermal Discharging
RWD062	300	'3250314_/43283470_2'	1.63		3.33	3.33	0.5	0.5	3.33	1.74 No	0.5 Thermal Discharging
RWD062	301	'357890156_/357890227'	3.33		3.33	3.33	0.5	1.5	3.33	1.74 No	0.5 Thermal Discharging
RWD062	302	'8512802_/9145149'	3.7		10	10	1.51	1.5	10	5.22 No	1.5 Element Fault
RWD062	303	'43283457_/43283459'	1.53		3.33	3.33	0.5	0.3	3.33	1.74 No	0.3 Element Fault
RWD062	304	'8512801_/8512799'	3.6		10	10	1.51	1.5	10	5.22 No	1.5 Element Fault
RWD062	305	'3234305_/3234302'	2.67		6.67	6.67	1.01	1	6.67	3.48 No	1 Element Fault
RWD062	306	'3233930_/3233940'	1.37		3.33	3.33	0.5	0.3	3.33	1.74 No	0.3 Element Fault
RWD062	307	'43283468_/43283470_1'	1.3		3.33	3.33	0.5	0.3	3.33	1.74 No	0.3 Element Fault
RWD062	308	'7566626_/86726113'	3.7		10	10	1.51	0.9	10	5.22 No	0.9 Element Fault
RWD062	309	'3233982_/3233992'	1.27		3.33	3.33	0.5	0.3	3.33	1.74 No	0.3 Element Fault
RWD062	310	'8510921_/9457978'	1		3.33	3.33	0.5	0.5	3.33	1.74 No	0.5 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Over-Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RWD062	311	'63452470_/357890126'	3.33	3.33	3.33	0.5	1.5	3.33	1.74 No	0.5	Thermal Discharging
RWD062	312	'7566627_/7566624'	3.5	10	10	1.51	0.9	10	5.22 No	0.9	Element Fault
RWD062	313	'3234320_/3234317'	2.33	6.67	6.67	1.01	1	6.67	3.48 No	1	Element Fault
RWD062	314	'7566686_/7566684'	3.33	3.33	3.33	0.5	1.5	3.33	1.74 No	0.5	Thermal Discharging
RWD062	315	'43283446_/3233927'	1.13	3.33	3.33	0.5	0.3	3.33	1.74 No	0.3	Element Fault
RWD062	316	'37664147_/8200733'	3.2	10	10	1.51	0.9	10	5.22 No	0.9	Element Fault
RWD062	317	'37664160_/37664172'	3.2	10	10	1.51	0.9	10	5.22 No	0.9	Element Fault
RWD062	318	'37664139_/37664158'	3.2	10	10	1.51	0.9	10	5.22 No	0.9	Element Fault
RWD062	319	'37664154_/37664165'	3.2	10	10	1.51	0.9	10	5.22 No	0.9	Element Fault
RWD062	320	'402123296_/402123293'	3.2	10	10	1.51	0.9	10	5.22 No	0.9	Element Fault
RWD062	321	'3234034_/3243778'	1.1	3.33	3.33	0.5	0.3	3.33	1.74 No	0.3	Element Fault
RWD062	322	'3233969_/3233979'	1.1	3.33	3.33	0.5	0.3	3.33	1.74 No	0.3	Element Fault
RWD062	323	'7567876_/7567874'	3.1	10	10	1.51	0.9	10	5.22 No	0.9	Element Fault
RWD062	324	'9142539_/9142553'	0.83	3.33	3.33	0.5	0.7	3.33	1.74 No	0.5	Thermal Discharging
RWD062	325	'7251119_/7879615'	3	10	10	1.51	0.9	10	5.22 No	0.9	Element Fault
RWD062	326	'3234335_/3234332'	2	6.67	6.67	1.01	1	6.67	3.48 No	1	Element Fault
RWD062	327	'3250343_/3250340_2'	1	3.33	3.33	0.5	0.5	3.33	1.74 No	0.5	Thermal Discharging
RWD062	328	'3234021_/3234031'	1	3.33	3.33	0.5	0.3	3.33	1.74 No	0.3	Element Fault
RWD062	329	'3233956_/3233966'	0.97	3.33	3.33	0.5	0.3	3.33	1.74 No	0.3	Element Fault
RWD062	330	'7878136_/435979279'	2.8	10	10	1.51	0.9	10	5.22 No	0.9	Element Fault
RWD062	331	'7251118_/7251116'	2.7	10	10	1.51	0.9	10	5.22 No	0.9	Element Fault
RWD062	332	'108880752_/108880749'	3.33	3.33	3.33	0.5	1.5	3.33	1.74 No	0.5	Thermal Discharging
RWD062	333	'3233851_/3233914'	0.97	3.33	3.33	0.5	0.3	3.33	1.74 No	0.3	Element Fault
RWD062	334	'7877445_/8510919'	0.8	3.33	3.33	0.5	0.5	3.33	1.74 No	0.5	Thermal Discharging
RWD062	335	'3234350_/3234347'	1.8	6.67	6.67	1.01	1	6.67	3.48 No	1	Element Fault
RWD062	336	'3234020_/3234018'	0.93	3.33	3.33	0.5	0.3	3.33	1.74 No	0.3	Element Fault
RWD062	337	'52653884_/52653910'	3.33	3.33	3.33	0.5	0.5	3.33	1.74 No	0.5	Thermal Discharging
RWD062	338	'3234164_/3250340_1'	0.87	3.33	3.33	0.5	0.3	3.33	1.74 No	0.3	Element Fault
RWD062	339	'3233955_/3233953'	0.9	3.33	3.33	0.5	0.3	3.33	1.74 No	0.3	Element Fault
RWD062	340	'7249274_/7877443'	0.73	3.33	3.33	0.5	0.5	3.33	1.74 No	0.5	Thermal Discharging
RWD062	341	'8199971_/9142537'	0.7	3.33	3.33	0.5	0.7	3.33	1.74 No	0.5	Thermal Discharging
RWD062	342	'3233852_/3233849'	0.83	3.33	3.33	0.5	0.3	3.33	1.74 No	0.3	Element Fault
RWD062	343	'3234365_/3234362'	1.6	6.67	6.67	1.01	1	6.67	3.48 No	1	Element Fault
RWD062	344	'43283402_/3234161'	0.8	3.33	3.33	0.5	0.3	3.33	1.74 No	0.3	Element Fault
RWD062	345	'43283479_/43283481'	0.83	3.33	3.33	0.5	0.3	3.33	1.74 No	0.3	Element Fault
RWD062	346	'3233865_/3233862'	0.77	3.33	3.33	0.5	0.3	3.33	1.74 No	0.3	Element Fault
RWD062	347	'45032377_/3234044'	0.77	3.33	3.33	0.5	0.3	3.33	1.74 No	0.3	Element Fault
RWD062	348	'7249275_/7249272'	0.67	3.33	3.33	0.5	0.5	3.33	1.74 No	0.5	Thermal Discharging
RWD062	349	'3234138_/3234148'	0.77	3.33	3.33	0.5	0.3	3.33	1.74 No	0.3	Element Fault
RWD062	350	'3234380_/3234377'	1.47	6.67	6.67	1.01	1	6.67	3.48 No	1	Element Fault
RWD062	351	'3250372_/43283415_2'	0.73	3.33	3.33	0.5	0.5	3.33	1.74 No	0.5	Thermal Discharging
RWD062	352	'7877497_/8510935'	0.63	3.33	3.33	0.5	0.5	3.33	1.74 No	0.5	Thermal Discharging
RWD062	353	'3234125_/3234135'	0.7	3.33	3.33	0.5	0.3	3.33	1.74 No	0.3	Element Fault
RWD062	354	'52653853_/52653891'	1.03	3.33	3.33	0.5	0.5	3.33	1.74 No	0.5	Thermal Discharging
RWD062	355	'3234395_/3234392'	1.4	6.67	6.67	1.01	1	6.67	3.48 No	1	Element Fault
RWD062	356	'43283413_/43283415_1'	0.67	3.33	3.33	0.5	0.3	3.33	1.74 No	0.3	Element Fault
RWD062	357	'3234112_/3234122'	0.67	3.33	3.33	0.5	0.3	3.33	1.74 No	0.3	Element Fault
RWD062	358	'7249258_/8199969'	0.57	3.33	3.33	0.5	0.7	3.33	1.74 No	0.5	Thermal Discharging
RWD062	359	'3234413_/3234410'	1.27	6.67	6.67	1.01	1	6.67	3.48 No	1	Element Fault
RWD062	360	'7565706_/7877495'	0.6	3.33	3.33	0.5	0.5	3.33	1.74 No	0.5	Thermal Discharging
RWD062	361	'3234216_/3234226'	0.63	3.33	3.33	0.5	0.3	3.33	1.74 No	0.3	Element Fault
RWD062	362	'52653791_/52653860'	0.87	3.33	3.33	0.5	0.5	3.33	1.74 No	0.5	Thermal Discharging
RWD062	363	'3234177_/3234109'	0.63	3.33	3.33	0.5	0.3	3.33	1.74 No	0.3	Element Fault
RWD062	364	'3234203_/3234213'	0.63	3.33	3.33	0.5	0.3	3.33	1.74 No	0.3	Element Fault
RWD062	365	'7249242_/707080978'	0.53	3.33	3.33	0.5	0.7	3.33	1.74 No	0.5	Thermal Discharging
RWD062	366	'3234099_/3234187'	0.6	3.33	3.33	0.5	0.3	3.33	1.74 No	0.3	Element Fault
RWD062	367	'3235651_/3235648'	1.13	6.67	6.67	1.01	1	6.67	3.48 No	1	Element Fault
RWD062	368	'3234202_/3234200'	0.6	3.33	3.33	0.5	0.3	3.33	1.74 No	0.3	Element Fault
RWD062	369	'3234085_/3234174'	0.6	3.33	3.33	0.5	0.3	3.33	1.74 No	0.3	Element Fault
RWD062	370	'3250401_/3250398_2'	0.57	3.33	3.33	0.5	0.5	3.33	1.74 No	0.5	Thermal Discharging
RWD062	371	'3235827_/3250398_1'	0.57	3.33	3.33	0.5	0.3	3.33	1.74 No	0.3	Element Fault
RWD062	372	'7565707_/7565704'	0.53	3.33	3.33	0.5	0.5	3.33	1.74 No	0.5	Thermal Discharging
RWD062	373	'3235801_/3235798'	0.57	3.33	3.33	0.5	0.3	3.33	1.74 No	0.3	Element Fault
RWD062	374	'3234072_/3234096'	0.57	3.33	3.33	0.5	0.3	3.33	1.74 No	0.3	Element Fault
RWD062	375	'3234086_/3234083'	0.57	3.33	3.33	0.5	0.3	3.33	1.74 No	0.3	Element Fault
RWD062	376	'3235814_/3235824'	0.57	3.33	3.33	0.5	0.3	3.33	1.74 No	0.3	Element Fault
RWD062	377	'3235666_/3235663'	1.07	6.67	6.67	1.01	1	6.67	3.48 No	1	Element Fault
RWD062	378	'3250430_/3250445_1'	1.07	6.67	6.67	1.01	0.6	6.67	3.48 No	0.6	Element Fault
RWD062	379	'43283391_/3234070'	0.53	3.33	3.33	0.5	0.3	3.33	1.74 No	0.3	Element Fault
RWD062	380	'3235813_/3235811'	0.53	3.33	3.33	0.5	0.3	3.33	1.74 No	0.3	Element Fault
RWD062	381	'43283490_/3250445_2'	1	6.67	6.67	1.01	0.6	6.67	3.48 No	0.6	Element Fault
RWD062	382	'3234073_/43283393'	0.5	3.33	3.33	0.5	0.3	3.33	1.74 No	0.3	Element Fault
RWD062	383	'8510906_/8510903'	0.47	3.33	3.33	0.5	0.5	3.33	1.74 No	0.47	Primary Over-Voltage
RWD062	384	'3235681_/43283492'	0.5	3.33	3.33	0.5	0.3	3.33	1.74 No	0.3	Element Fault
RWD062	385	'7565762_/8828546_1'	0.4	3.33	3.33	0.5	0.7	3.33	1.74 No	0.4	Primary Over-Voltage
RWD062	386	'43283501_/3235691'	0.47	3.33	3.33	0.5	0.3	3.33	1.74 No	0.3	Element Fault
RWD062	387	'7249243_/7249240'	0.4	3.33	3.33	0.5	0.7	3.33	1.74 No	0.4	Primary Over-Voltage
RWD062	388	'3235707_/43283503'	0.47	3.33	3.33	0.5	0.3	3.33	1.74 No	0.3	Element Fault
RWD062	389	'3235720_/3235717'	0.43	3.33	3.33	0.5	0.3	3.33	1.74 No	0.3	Element Fault
RWD062	390	'43283512_/3235730'	0.43	3.33	3.33	0.5	0.3	3.33	1.74 No	0.3	Element Fault
RWD062	391	'3235746_/3235743'	0.4	3.33	3.33	0.5	0.3	3.33	1.74 No	0.3	Element Fault
RWD062	392	'43283523_/3235756'	0.4	3.33	3.33	0.5	0.3	3.33	1.74 No	0.3	Element Fault
RWD062	393	'3235772_/3235769'	0.37	3.33	3.33	0.5	0.3	3.33	1.74 No	0.3	Element Fault
RWD062	394	'3234428_/3235782'	0.37	3.3	3.33	0.5	0.3	3.33	1.74 No	0.3	Element Fault
RWD062	395	'3234427_/3234425'	0.37	3.2	3.33	0.5	0.3	3.28	1.74 No	0.3	Element Fault
RWD063	0	'RWD063_/7251676'	10	10	10	1.47	10	10	4.12 No	1.47	Thermal Discharging
RWD063	1	'7251678_/7251676'	10	10	10	1.47	10	10	4.12 No	1.47	Thermal Discharging
RWD063	2	'9460445_/9460462'	10	10	10	1.47	10	10	4.12 No	1.47	Thermal Discharging
RWD063	3	'9144840_/9460442_1'	10	10	10	1.47	10	10	4.12 No	1.47	Thermal Discharging
RWD063	4	'3262200_/9460442_2'	10	10	10	1.47	10	10	4.12 No	1.47	Thermal Discharging
RWD063	5	'3262163_/3262214'	10	10	10	1.47	10	10	4.12 No	1.47	Thermal Discharging
RWD063	6	'3262130_/3262197'	10	10	10	1.47	10	10	4.12 No	1.47	Thermal Discharging
RWD063	7	'426047221_/367865863_1'	10	10	10	1.47	3.2	10	4.12 No	1.47	Thermal Discharging
RWD063	8	'3262129_/3262127'	10	10	10	1.47	10	10	4.12 No	1.47	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RWD063	9	'3244807_/3262144'	10		10	1.47	10	10	4.12 No	1.47	Thermal Discharging
RWD063	10	'7558623_/367865863_2'	10		10	1.47	3.2	10	4.12 No	1.47	Thermal Discharging
RWD063	11	'3244790_/3244804'	10		10	1.47	10	10	4.12 No	1.47	Thermal Discharging
RWD063	12	'7558624_/7558621'	10		10	1.47	3.2	10	4.12 No	1.47	Thermal Discharging
RWD063	13	'349610807_/348180326_1'	10		10	1.47	3.2	10	4.12 No	1.47	Thermal Discharging
RWD063	14	'3244789_/3244787'	10		10	1.47	10	10	4.12 No	1.47	Thermal Discharging
RWD063	15	'7568426_/8202499'	10		10	1.47	3.2	10	4.12 No	1.47	Thermal Discharging
RWD063	16	'64807343_/7568424'	10		10	1.47	3.2	10	4.12 No	1.47	Thermal Discharging
RWD063	17	'3262564_/3262578'	10		10	1.47	10	10	4.12 No	1.47	Thermal Discharging
RWD063	18	'3262563_/3262561'	10		10	1.47	10	10	4.12 No	1.47	Thermal Discharging
RWD063	19	'348180471_/348180326_2'	10		10	1.47	3.2	10	4.12 No	1.47	Thermal Discharging
RWD063	20	'3262547_/7133523'	10		10	1.47	10	10	4.12 No	1.47	Thermal Discharging
RWD063	21	'8116326_/8116324_1'	3.33		3.33	0.49	0.4	3.33	1.37 No	0.4	Element Fault
RWD063	22	'426376396_/426376340'	6.67		6.67	0.98	2.13	6.67	2.75 No	0.98	Thermal Discharging
RWD063	23	'43283013_/43283015'	10		10	1.47	10	10	4.12 No	1.47	Thermal Discharging
RWD063	24	'3232872_/3232886'	10		10	1.47	10	10	4.12 No	1.47	Thermal Discharging
RWD063	25	'426376195_/64618036'	10		10	1.47	3.2	10	4.12 No	1.47	Thermal Discharging
RWD063	26	'7558644_/348376304'	6.7		10	1.47	3.2	10	4.12 No	1.47	Thermal Discharging
RWD063	27	'3232871_/3232869'	10		10	1.47	10	10	4.12 No	1.47	Thermal Discharging
RWD063	28	'3232906_/3232920_2'	10		10	1.47	10	10	4.12 No	1.47	Thermal Discharging
RWD063	29	'43283039_/3232920_1'	10		10	1.47	10	10	4.12 No	1.47	Thermal Discharging
RWD063	30	'3231687_/3232903'	10		10	1.47	10	10	4.12 No	1.47	Thermal Discharging
RWD063	31	'3240249_/3241291'	10		10	1.47	10	10	4.12 No	1.47	Thermal Discharging
RWD063	32	'3240148_/3240247'	10		10	1.47	10	10	4.12 No	1.47	Thermal Discharging
RWD063	33	'3240165_/3240162'	10		10	1.47	10	10	4.12 No	1.47	Thermal Discharging
RWD063	34	'43282769_/43282771'	10		10	1.47	10	10	4.12 No	1.47	Thermal Discharging
RWD063	35	'43286339_/3262308'	10		10	1.47	10	10	4.12 No	1.47	Thermal Discharging
RWD063	36	'3262379_/3262393'	10		10	1.47	10	10	4.12 No	1.47	Thermal Discharging
RWD063	37	'388107348_/388107118_2'	10		10	1.47	5.1	10	4.12 No	1.47	Thermal Discharging
RWD063	38	'3240182_/3240179'	10		10	1.47	10	10	4.12 No	1.47	Thermal Discharging
RWD063	39	'8830605_/348180345'	6.8		10	1.47	3.2	10	4.12 No	1.47	Thermal Discharging
RWD063	40	'3240114_/3240128'	10		10	1.47	10	10	4.12 No	1.47	Thermal Discharging
RWD063	41	'426376336_/426376238'	10		10	1.47	3.2	10	4.12 No	1.47	Thermal Discharging
RWD063	42	'3262362_/3262376'	10		10	1.47	10	10	4.12 No	1.47	Thermal Discharging
RWD063	43	'3240199_/3240196'	10		10	1.47	10	10	4.12 No	1.47	Thermal Discharging
RWD063	44	'8510478_/8510495_1'	10		10	1.47	1.4	10	4.12 No	1.4	Element Fault
RWD063	45	'3240097_/3240111'	10		10	1.47	10	10	4.12 No	1.47	Thermal Discharging
RWD063	46	'3235546_/3240593'	10		10	1.47	10	10	4.12 No	1.47	Thermal Discharging
RWD063	47	'50370726_/3240213_1'	10		10	1.47	10	10	4.12 No	1.47	Thermal Discharging
RWD063	48	'43286352_/43286354'	10		10	1.47	10	10	4.12 No	1.47	Thermal Discharging
RWD063	49	'3262345_/3262342_2'	10		10	1.47	10	10	4.12 No	1.47	Thermal Discharging
RWD063	50	'3240077_/3240094'	10		10	1.47	10	10	4.12 No	1.47	Thermal Discharging
RWD063	51	'3240216_/3240213_2'	10		10	1.47	10	10	4.12 No	1.47	Thermal Discharging
RWD063	52	'426376174_/426376400'	10		10	1.47	3.2	10	4.12 No	1.47	Thermal Discharging
RWD063	53	'43286365_/3262342_1'	10		10	1.47	10	10	4.12 No	1.47	Thermal Discharging
RWD063	54	'3240076_/3240074'	10		10	1.47	10	10	4.12 No	1.47	Thermal Discharging
RWD063	55	'43284616_/3242401'	10		10	1.47	10	10	4.12 No	1.47	Thermal Discharging
RWD063	56	'3235297_/3235295_2'	6.67		6.67	0.98	2.2	6.67	2.75 No	0.98	Thermal Discharging
RWD063	57	'3243891_/3243888'	10		10	1.47	10	10	4.12 No	1.47	Thermal Discharging
RWD063	58	'49148949_/8829344_1'	10		10	1.47	1.4	10	4.12 No	1.4	Element Fault
RWD063	59	'43284603_/3243908'	10		10	1.47	10	10	4.12 No	1.47	Thermal Discharging
RWD063	60	'3242421_/3242418_2'	10		10	1.47	10	10	4.12 No	1.47	Thermal Discharging
RWD063	61	'3240267_/3240264'	10		10	1.47	10	10	4.12 No	1.47	Thermal Discharging
RWD063	62	'3262291_/3262325'	10		10	1.47	10	10	4.12 No	1.47	Thermal Discharging
RWD063	63	'426047228_/7879479_2'	10		10	1.47	5.3	10	4.12 No	1.47	Thermal Discharging
RWD063	64	'8202094_/348180364'	6.9		10	1.47	3.2	10	4.12 No	1.47	Thermal Discharging
RWD063	65	'3236409_/3242418_1'	10		10	1.47	10	10	4.12 No	1.47	Thermal Discharging
RWD063	66	'43282756_/3240281'	10		10	1.47	10	10	4.12 No	1.47	Thermal Discharging
RWD063	67	'3262290_/3262288'	10		10	1.47	10	10	4.12 No	1.47	Thermal Discharging
RWD063	68	'37663727_/8510495_2'	10		10	1.47	1.4	10	4.12 No	1.4	Element Fault
RWD063	69	'37663720_/37663724'	10		10	1.47	1.4	10	4.12 No	1.4	Element Fault
RWD063	70	'37663741_/37663745'	10		10	1.47	1.4	10	4.12 No	1.4	Element Fault
RWD063	71	'399875930_/399875927'	10		10	1.47	1.4	10	4.12 No	1.4	Element Fault
RWD063	72	'37663713_/37663717'	10		10	1.47	1.4	10	4.12 No	1.4	Element Fault
RWD063	73	'397675618_/397675539_1'	10		10	1.47	1.4	10	4.12 No	1.4	Element Fault
RWD063	74	'3241555_/3241552'	10		10	1.47	10	10	4.12 No	1.47	Thermal Discharging
RWD063	75	'7251058_/388107118_1'	10		10	1.47	1.4	10	4.12 No	1.4	Element Fault
RWD063	76	'383257547_/383257549'	10		10	1.47	10	10	4.12 No	1.47	Thermal Discharging
RWD063	77	'50725370_/3240230'	10		10	1.47	10	10	4.12 No	1.47	Thermal Discharging
RWD063	78	'8829347_/8829344_2'	10		10	1.47	1.4	10	4.12 No	1.4	Element Fault
RWD063	79	'114371093_/8829364_2'	10		10	1.47	10	10	4.12 No	1.47	Thermal Discharging
RWD063	80	'3263848_/3263862'	10		10	1.47	10	10	4.12 No	1.47	Thermal Discharging
RWD063	81	'8162605_/9460618_2'	10		10	1.47	10	10	4.12 No	1.47	Thermal Discharging
RWD063	82	'453466834_/453466806_1'	10		10	1.47	1.4	10	4.12 No	1.4	Element Fault
RWD063	83	'75102130_/75102072_1'	3.33		3.33	0.49	0.5	3.33	1.37 No	0.49	Thermal Discharging
RWD063	84	'3241575_/3241572'	10		10	1.47	10	10	4.12 No	1.47	Thermal Discharging
RWD063	85	'397675542_/397675539_2'	10		10	1.47	1.4	10	4.12 No	1.4	Element Fault
RWD063	86	'43283603_/3241589'	10		10	1.47	10	10	4.12 No	1.47	Thermal Discharging
RWD063	87	'7565369_/7565366'	10		10	1.47	1.4	10	4.12 No	1.4	Element Fault
RWD063	88	'3241609_/3241606'	10		10	1.47	10	10	4.12 No	1.47	Thermal Discharging
RWD063	89	'121083090_/426376264'	10		10	1.47	3.2	10	4.12 No	1.47	Thermal Discharging
RWD063	90	'385320063_/385320060'	10		10	1.47	4.9	10	4.12 No	1.47	Thermal Discharging
RWD063	91	'3241538_/3241623'	10		10	1.47	10	10	4.12 No	1.47	Thermal Discharging
RWD063	92	'385320303_/385320267_1'	10		10	1.47	1.9	10	4.12 No	1.47	Thermal Discharging
RWD063	93	'7249625_/8511615_1'	10		10	1.47	10	10	4.12 No	1.47	Thermal Discharging
RWD063	94	'7879421_/388107195'	10		10	1.47	1.4	10	4.12 No	1.4	Element Fault
RWD063	95	'3236298_/3241535'	10		10	1.47	10	10	4.12 No	1.47	Thermal Discharging
RWD063	96	'385320331_/385320123_1'	3.33		3.33	0.49	0.4	3.33	1.37 No	0.4	Element Fault
RWD063	97	'7565828_/7565826_1'	10		10	1.47	2.5	10	4.12 No	1.47	Thermal Discharging
RWD063	98	'43282782_/3235295_1'	6.67		6.67	0.98	0.9	6.67	2.75 No	0.9	Element Fault
RWD063	99	'453466787_/453466806_2'	10		10	1.47	1.4	10	4.12 No	1.4	Element Fault
RWD063	100	'9457673_/9457670'	10		10	1.47	1.4	10	4.12 No	1.4	Element Fault
RWD063	101	'3236278_/3236295'	10		10	1.47	7.1	10	4.12 No	1.47	Thermal Discharging
RWD063	102	'7565486_/348180383'	7.1		10	1.47	3.2	10	4.12 No	1.47	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RWD063	103	'8116327___/8116324_2'	3.33		3.33	3.33	0.49	0.4	3.33	1.37 No	0.4 Element Fault
RWD063	104	'8199664___/635884016'	10		10	10	1.47	1.4	10	4.12 No	1.4 Element Fault
RWD063	105	'7879481___/7879479_1'	10		10	10	1.47	3.4	10	4.12 No	1.47 Thermal Discharging
RWD063	106	'3236240___/3236275'	10		10	10	1.47	7.1	10	4.12 No	1.47 Thermal Discharging
RWD063	107	'7565409___/7565406'	6.67		6.67	6.67	0.98	0.93	6.67	2.75 No	0.93 Element Fault
RWD063	108	'385320126___/385320123_2'	3.33		3.33	3.33	0.49	0.4	3.33	1.37 No	0.4 Element Fault
RWD063	109	'7879501___/8503061'	10		10	10	1.47	3.4	10	4.12 No	1.47 Thermal Discharging
RWD063	110	'64618025___/64618054'	10		10	10	1.47	3.2	10	4.12 No	1.47 Thermal Discharging
RWD063	111	'643858524___/388107256'	10		10	10	1.47	1.4	10	4.12 No	1.4 Element Fault
RWD063	112	'37663825___/7565826_2'	10		10	10	1.47	2.5	10	4.12 No	1.47 Thermal Discharging
RWD063	113	'402123255___/37663829'	10		10	10	1.47	2.5	10	4.12 No	1.47 Thermal Discharging
RWD063	114	'37663797___/37663801'	6.67		6.67	6.67	0.98	1.67	6.67	2.75 No	0.98 Thermal Discharging
RWD063	115	'37663811___/37663808'	10		10	10	1.47	2.5	10	4.12 No	1.47 Thermal Discharging
RWD063	116	'402123256___/402123253'	10		10	10	1.47	2.5	10	4.12 No	1.47 Thermal Discharging
RWD063	117	'3236241___/3236238'	10		10	10	1.47	6.9	10	4.12 No	1.47 Thermal Discharging
RWD063	118	'75102065___/75102072_2'	3.33		3.33	3.33	0.49	0.5	3.33	1.37 No	0.49 Thermal Discharging
RWD063	119	'643858506___/643858538'	10		10	10	1.47	1.4	10	4.12 No	1.4 Element Fault
RWD063	120	'43283546___/3236258'	10		10	10	1.47	6.9	10	4.12 No	1.47 Thermal Discharging
RWD063	121	'43283534___/43283536'	6.67		6.67	6.67	0.13	3	6.67	2.75 No	0.13 Thermal Discharging
RWD063	122	'3236317___/7565808'	6.67		6.67	6.67	0.98	1.67	6.67	2.75 No	0.98 Thermal Discharging
RWD063	123	'399876686___/8511615_2'	10		10	10	1.47	10	10	4.12 No	1.47 Thermal Discharging
RWD063	124	'399876371___/37663913'	10		10	10	1.47	10	10	4.12 No	1.47 Thermal Discharging
RWD063	125	'399876668___/37663892'	10		10	10	1.47	2.2	10	4.12 No	1.47 Thermal Discharging
RWD063	126	'399876674___/37663899'	10		10	10	1.47	2.2	10	4.12 No	1.47 Thermal Discharging
RWD063	127	'399876680___/37663906'	10		10	10	1.47	10	10	4.12 No	1.47 Thermal Discharging
RWD063	128	'121503700___/121503725'	2.5		3.33	3.33	0.49	1.07	3.33	1.37 No	0.49 Thermal Discharging
RWD063	129	'3235298___/43282784'	6.67		6.67	6.67	0.98	0.9	6.67	2.75 No	0.9 Element Fault
RWD063	130	'7565467___/348180402'	7.3		10	10	1.47	3.2	10	4.12 No	1.47 Thermal Discharging
RWD063	131	'385320178___/385320175'	3.33		3.33	3.33	0.49	0.4	3.33	1.37 No	0.4 Element Fault
RWD063	132	'116994539___/116994568'	9.2		10	10	1.47	3.2	10	4.12 No	1.47 Thermal Discharging
RWD063	133	'108186028___/108186033'	10		10	10	1.47	2.2	10	4.12 No	1.47 Thermal Discharging
RWD063	134	'484580424___/484580480'	10		10	10	1.47	3.4	10	4.12 No	1.47 Thermal Discharging
RWD063	135	'484580268___/484580293'	10		10	10	1.47	3.4	10	4.12 No	1.47 Thermal Discharging
RWD063	136	'484580420___/484580287'	10		10	10	1.47	2.5	10	4.12 No	1.47 Thermal Discharging
RWD063	137	'484580428___/484580299'	10		10	10	1.47	3.4	10	4.12 No	1.47 Thermal Discharging
RWD063	138	'544254971___/544254876_1'	4.2		10	10	1.47	3.2	10	4.12 No	1.47 Thermal Discharging
RWD063	139	'643858560___/643858574'	10		10	10	1.47	1.4	10	4.12 No	1.4 Element Fault
RWD063	140	'3243068___/3243066'	10		10	10	1.47	6.9	10	4.12 No	1.47 Thermal Discharging
RWD063	141	'348180479___/121503711'	2.2		3.33	3.33	0.49	1.07	3.33	1.37 No	0.49 Thermal Discharging
RWD063	142	'7558743___/484580457'	10		10	10	1.47	2.5	10	4.12 No	1.47 Thermal Discharging
RWD063	143	'50370840___/7566530_2'	10		10	10	1.47	5.2	10	4.12 No	1.47 Thermal Discharging
RWD063	144	'416388697___/416388705'	10		10	10	1.47	10	10	4.12 No	1.47 Thermal Discharging
RWD063	145	'37663855___/8510983'	10		10	10	1.47	2.5	10	4.12 No	1.47 Thermal Discharging
RWD063	146	'399876114___/37663850'	10		10	10	1.47	2.5	10	4.12 No	1.47 Thermal Discharging
RWD063	147	'37663867___/37663871'	10		10	10	1.47	2.5	10	4.12 No	1.47 Thermal Discharging
RWD063	148	'399876115___/399876112'	10		10	10	1.47	2.5	10	4.12 No	1.47 Thermal Discharging
RWD063	149	'37663839___/37663843'	10		10	10	1.47	2.5	10	4.12 No	1.47 Thermal Discharging
RWD063	150	'390563952___/416388747'	10		10	10	1.47	10	10	4.12 No	1.47 Thermal Discharging
RWD063	151	'390563945___/409499132'	10		10	10	1.47	10	10	4.12 No	1.47 Thermal Discharging
RWD063	152	'419084677___/409499148'	10		10	10	1.47	4.7	10	4.12 No	1.47 Thermal Discharging
RWD063	153	'390563944___/409499124'	10		10	10	1.47	10	10	4.12 No	1.47 Thermal Discharging
RWD063	154	'390563960___/409499140'	10		10	10	1.47	4.5	10	4.12 No	1.47 Thermal Discharging
RWD063	155	'3236318___/3236315'	6.67		6.67	6.67	0.98	0.9	6.67	2.75 No	0.9 Element Fault
RWD063	156	'7566400___/8511295'	3.33		3.33	3.33	0.49	0.73	3.33	1.37 No	0.49 Thermal Discharging
RWD063	157	'43284732___/3243083'	10		10	10	1.47	6.8	10	4.12 No	1.47 Thermal Discharging
RWD063	158	'3236178___/3236190'	6.67		6.67	6.67	0.13	3	6.67	2.75 No	0.13 Thermal Discharging
RWD063	159	'7249331___/9142621_1'	6.67		6.67	6.67	0.98	0.6	6.67	2.75 No	0.6 Element Fault
RWD063	160	'391362904___/385320203'	3.33		3.33	3.33	0.49	0.4	3.33	1.37 No	0.4 Element Fault
RWD063	161	'116994437___/116994550'	7.3		10	10	1.47	3.2	10	4.12 No	1.47 Thermal Discharging
RWD063	162	'388107336___/643858657_1'	8.1		10	10	1.47	3.2	10	4.12 No	1.47 Thermal Discharging
RWD063	163	'43283616___/43283618'	3.33		3.33	3.33	0.49	0.45	3.33	1.37 No	0.45 Element Fault
RWD063	164	'7218049___/8511731'	10		10	10	1.47	2.5	10	4.12 No	1.47 Thermal Discharging
RWD063	165	'108186072___/108186101'	10		10	10	1.47	2.2	10	4.12 No	1.47 Thermal Discharging
RWD063	166	'9142624___/9142621_2'	6.67		6.67	6.67	0.98	0.6	6.67	2.75 No	0.6 Element Fault
RWD063	167	'426683528___/390564131_1'	10		10	10	1.47	4.7	10	4.12 No	1.47 Thermal Discharging
RWD063	168	'390563897___/390564131_2'	10		10	10	1.47	4.7	10	4.12 No	1.47 Thermal Discharging
RWD063	169	'3243103___/3243100'	10		10	10	1.47	4.6	10	4.12 No	1.47 Thermal Discharging
RWD063	170	'3237315___/390563899'	10		10	10	1.47	4.7	10	4.12 No	1.47 Thermal Discharging
RWD063	171	'7566472___/7566470_1'	10		10	10	1.47	1.5	10	4.12 No	1.47 Thermal Discharging
RWD063	172	'37665246___/478637818'	10		10	10	1.47	2.5	10	4.12 No	1.47 Thermal Discharging
RWD063	173	'414829233___/403742476_1'	10		10	10	1.47	2.4	10	4.12 No	1.47 Thermal Discharging
RWD063	174	'3236338___/3236336'	3.33		3.33	3.33	0.49	0.45	3.33	1.37 No	0.45 Element Fault
RWD063	175	'385320206___/391362902'	3.33		3.33	3.33	0.49	0.4	3.33	1.37 No	0.4 Element Fault
RWD063	176	'432438295___/432438319'	10		10	10	1.47	10	10	4.12 No	1.47 Thermal Discharging
RWD063	177	'7566401___/7566398'	3.33		3.33	3.33	0.49	0.73	3.33	1.37 No	0.49 Thermal Discharging
RWD063	178	'3236177___/3236175'	6.67		6.67	6.67	0.13	3	6.67	2.75 No	0.13 Thermal Discharging
RWD063	179	'484580526___/484580523'	10		10	10	1.47	2.5	10	4.12 No	1.47 Thermal Discharging
RWD063	180	'3238583___/3238595_1'	6.67		6.67	6.67	0.98	0.9	6.67	2.75 No	0.9 Element Fault
RWD063	181	'64807327___/116994443'	6.1		10	10	1.47	3.2	10	4.12 No	1.47 Thermal Discharging
RWD063	182	'426376315___/426376376'	1.7		3.33	3.33	0.49	1.07	3.33	1.37 No	0.49 Thermal Discharging
RWD063	183	'7249966___/7249964'	6.67		6.67	6.67	0.98	1.47	6.67	2.75 No	0.98 Thermal Discharging
RWD063	184	'7568427___/64807398'	6.1		10	10	1.47	3.2	10	4.12 No	1.47 Thermal Discharging
RWD063	185	'7566532___/7566530_1'	10		10	10	1.47	1.6	10	4.12 No	1.47 Thermal Discharging
RWD063	186	'108185992___/108186083'	10		10	10	1.47	2.2	10	4.12 No	1.47 Thermal Discharging
RWD063	187	'432438350___/432438372'	10		10	10	1.47	10	10	4.12 No	1.47 Thermal Discharging
RWD063	188	'8162442___/9145587'	5.7		10	10	1.47	3.2	10	4.12 No	1.47 Thermal Discharging
RWD063	189	'3237577___/3239672'	6.67		6.67	6.67	0.13	3	6.67	2.75 No	0.13 Thermal Discharging
RWD063	190	'8162441___/8162439'	5.5		10	10	1.47	3.2	10	4.12 No	1.47 Thermal Discharging
RWD063	191	'406857950___/7249944'	10		10	10	1.47	2.2	10	4.12 No	1.47 Thermal Discharging
RWD063	192	'3237651___/3237666'	6.67		6.67	6.67	0.13	3	6.67	2.75 No	0.13 Thermal Discharging
RWD063	193	'416389283___/416390024'	10		10	10	1.47	10	10	4.12 No	1.47 Thermal Discharging
RWD063	194	'416389268___/416389281'	10		10	10	1.47	10	10	4.12 No	1.47 Thermal Discharging
RWD063	195	'416389375___/416389265'	10		10	10	1.47	4.5	10	4.12 No	1.47 Thermal Discharging
RWD063	196	'416389291___/416389289'	10		10	10	1.47	10	10	4.12 No	1.47 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RWD063	197	'416389275_/_416389273'		10	10	10	1.47	10	10	4.12 No	1.47 Thermal Discharging
RWD063	198	'403742063_/_403742476_2'		10	10	10	1.47	2.4	10	4.12 No	1.47 Thermal Discharging
RWD063	199	'3238598_/_3238595_2'	6.67		6.67	6.67	0.98	0.9	6.67	2.75 No	0.9 Element Fault
RWD063	200	'406857929_/_406857992'		10	10	10	1.47	2.2	10	4.12 No	1.47 Thermal Discharging
RWD063	201	'403742280_/_403742250_1'		10	10	10	1.47	1.4	10	4.12 No	1.4 Element Fault
RWD063	202	'7878076_/_9458748'		10	10	10	1.47	1.6	10	4.12 No	1.47 Thermal Discharging
RWD063	203	'406858020_/_406858062'		10	10	10	1.47	2.2	10	4.12 No	1.47 Thermal Discharging
RWD063	204	'7249947_/_406858024'		10	10	10	1.47	2.2	10	4.12 No	1.47 Thermal Discharging
RWD063	205	'7566473_/_7566470_2'		10	10	10	1.47	1.5	10	4.12 No	1.47 Thermal Discharging
RWD063	206	'9145570_/_9145567'		5.1	10	10	1.47	3.2	10	4.12 No	1.47 Thermal Discharging
RWD063	207	'411566520_/_390563657'		10	10	10	1.47	2.5	10	4.12 No	1.47 Thermal Discharging
RWD063	208	'8829286_/_8829284_1'		10	10	10	1.47	1.6	10	4.12 No	1.47 Thermal Discharging
RWD063	209	'411566379_/_383868306'		10	10	10	1.47	2.5	10	4.12 No	1.47 Thermal Discharging
RWD063	210	'411566361_/_383868168'		3	10	10	1.47	2.5	10	4.12 No	1.47 Thermal Discharging
RWD063	211	'411566373_/_383868184'		3	10	10	1.47	2.5	10	4.12 No	1.47 Thermal Discharging
RWD063	212	'8199683_/_9457690'	3.33		3.33	3.33	0.49	0.47	3.33	1.37 No	0.47 Element Fault
RWD063	213	'403742115_/_403742065'		10	10	10	1.47	2.4	10	4.12 No	1.47 Thermal Discharging
RWD063	214	'411566459_/_383868378'		3	10	10	1.47	2.5	10	4.12 No	1.47 Thermal Discharging
RWD063	215	'7877952_/_7877949'		5.2	10	10	1.47	2.2	10	4.12 No	1.47 Thermal Discharging
RWD063	216	'8829247_/_416389458'		10	10	10	1.47	4.5	10	4.12 No	1.47 Thermal Discharging
RWD063	217	'7568150_/_8200617'		5.2	10	10	1.47	2.2	10	4.12 No	1.47 Thermal Discharging
RWD063	218	'385320248_/_385320267_2'		10	10	10	1.47	1.9	10	4.12 No	1.47 Thermal Discharging
RWD063	219	'403742164_/_403742250_2'		10	10	10	1.47	1.4	10	4.12 No	1.4 Element Fault
RWD063	220	'403742163_/_403742161'		10	10	10	1.47	1.4	10	4.12 No	1.4 Element Fault
RWD063	221	'403742172_/_403742169'	3.33		3.33	3.33	0.49	0.47	3.33	1.37 No	0.47 Element Fault
RWD063	222	'403742180_/_403742177'		10	10	10	1.47	1.4	10	4.12 No	1.4 Element Fault
RWD063	223	'403742188_/_403742185'		10	10	10	1.47	1.4	10	4.12 No	1.4 Element Fault
RWD063	224	'3237632_/_3237648'	6.67		6.67	6.67	0.13	3	6.67	2.75 No	0.13 Thermal Discharging
RWD063	225	'7878096_/_411566465'		3	10	10	1.47	2.5	10	4.12 No	1.47 Thermal Discharging
RWD063	226	'414975517_/_414975536'	3.33		3.33	3.33	0.49	1.4	3.33	1.37 No	0.49 Thermal Discharging
RWD063	227	'403742304_/_403742348'		10	10	10	1.47	1.4	10	4.12 No	1.4 Element Fault
RWD063	228	'7566513_/_7878073'		10	10	10	1.47	1.6	10	4.12 No	1.47 Thermal Discharging
RWD063	229	'7879402_/_9459836'		4.6	10	10	1.47	3.2	10	4.12 No	1.47 Thermal Discharging
RWD063	230	'3238549_/_403742117'		10	10	10	1.47	2.4	10	4.12 No	1.47 Thermal Discharging
RWD063	231	'8828906_/_8828904'		10	10	10	1.47	1.4	10	4.12 No	1.4 Element Fault
RWD063	232	'7877710_/_8828964_1'		10	10	10	1.47	1.4	10	4.12 No	1.4 Element Fault
RWD063	233	'7217989_/_7566510'		10	10	10	1.47	1.6	10	4.12 No	1.47 Thermal Discharging
RWD063	234	'655134510_/_8828964_2'		10	10	10	1.47	1.4	10	4.12 No	1.4 Element Fault
RWD063	235	'432479560_/_432479579'	3.33		3.33	3.33	0.49	0.47	3.33	1.37 No	0.47 Element Fault
RWD063	236	'450624853_/_450624857'		3	10	10	1.47	2.5	10	4.12 No	1.47 Thermal Discharging
RWD063	237	'3237633_/_3237630'	6.67		6.67	6.67	0.13	3	6.67	2.75 No	0.13 Thermal Discharging
RWD063	238	'8202381_/_655134534'		10	10	10	1.47	1.4	10	4.12 No	1.4 Element Fault
RWD063	239	'3237687_/_3237697_1'	6.67		6.67	6.67	0.13	0.5	6.67	2.75 No	0.13 Thermal Discharging
RWD063	240	'450624941_/_450624986'		3	10	10	1.47	2.5	10	4.12 No	1.47 Thermal Discharging
RWD063	241	'450624897_/_450624960'		3	10	10	1.47	2.5	10	4.12 No	1.47 Thermal Discharging
RWD063	242	'3235853_/_3237697_2'	6.67		6.67	6.67	0.13	0.5	6.67	2.75 No	0.13 Thermal Discharging
RWD063	243	'432479608_/_432479627'	3.33		3.33	3.33	0.49	0.47	3.33	1.37 No	0.47 Element Fault
RWD063	244	'7217988_/_7217986'		10	10	10	1.47	1.6	10	4.12 No	1.47 Thermal Discharging
RWD063	245	'523191510_/_3236352_1'	3.33		3.33	3.33	0.06	1.5	3.33	1.37 No	0.06 Thermal Discharging
RWD063	246	'37665365_/_7568148'	5.3		10	10	1.47	2.2	10	4.12 No	1.47 Thermal Discharging
RWD063	247	'37665372_/_37665376'	5.3		10	10	1.47	2.2	10	4.12 No	1.47 Thermal Discharging
RWD063	248	'37665358_/_37665383'	5.3		10	10	1.47	2.2	10	4.12 No	1.47 Thermal Discharging
RWD063	249	'7879857_/_37665369'	5.3		10	10	1.47	2.2	10	4.12 No	1.47 Thermal Discharging
RWD063	250	'49244909_/_3236352_2'	3.33		3.33	3.33	0.06	1.5	3.33	1.37 No	0.06 Thermal Discharging
RWD063	251	'7879401_/_7879399'	4.2		10	10	1.47	3.2	10	4.12 No	1.47 Thermal Discharging
RWD063	252	'7879873_/_8202379'		10	10	10	1.47	1.4	10	4.12 No	1.4 Element Fault
RWD063	253	'7568131_/_7879855'	5.3		10	10	1.47	2.2	10	4.12 No	1.47 Thermal Discharging
RWD063	254	'8512842_/_8512839'	5.3		10	10	1.47	2.2	10	4.12 No	1.47 Thermal Discharging
RWD063	255	'603537865_/_3236378_1'	3.33		3.33	3.33	0.08	1.5	3.33	1.37 No	0.08 Thermal Discharging
RWD063	256	'391965335_/_391965378'		10	10	10	1.47	4.5	10	4.12 No	1.47 Thermal Discharging
RWD063	257	'397316359_/_397316538'		3	10	10	1.47	2.5	10	4.12 No	1.47 Thermal Discharging
RWD063	258	'7879874_/_7879871'		10	10	10	1.47	1.4	10	4.12 No	1.4 Element Fault
RWD063	259	'3238566_/_3238563'		10	10	10	1.47	2.4	10	4.12 No	1.47 Thermal Discharging
RWD063	260	'427595408_/_427595366_1'		10	10	10	1.47	1.4	10	4.12 No	1.4 Element Fault
RWD063	261	'8511329_/_8511327_1'		10	10	10	1.47	1.4	10	4.12 No	1.4 Element Fault
RWD063	262	'3238618_/_3238633'		8.3	10	10	1.47	2.4	10	4.12 No	1.47 Thermal Discharging
RWD063	263	'7566103_/_7566100_2'		8.1	10	10	1.47	2.4	10	4.12 No	1.47 Thermal Discharging
RWD063	264	'61073567_/_391965339'		10	10	10	1.47	4.5	10	4.12 No	1.47 Thermal Discharging
RWD063	265	'7251359_/_7568128'		5.4	10	10	1.47	2.2	10	4.12 No	1.47 Thermal Discharging
RWD063	266	'8511330_/_8511327_2'		7.3	10	10	1.47	1.4	10	4.12 No	1.4 Element Fault
RWD063	267	'7566102_/_7566100_1'		7.2	10	10	1.47	1.4	10	4.12 No	1.4 Element Fault
RWD063	268	'397316205_/_397316207'		2	6.67	6.67	0.98	1.67	6.67	2.75 No	0.98 Thermal Discharging
RWD063	269	'37665323_/_7251356'		5.5	10	10	1.47	2.2	10	4.12 No	1.47 Thermal Discharging
RWD063	270	'736162123_/_37665327'		5.5	10	10	1.47	2.2	10	4.12 No	1.47 Thermal Discharging
RWD063	271	'399876189_/_399876186'		5.5	10	10	1.47	2.2	10	4.12 No	1.47 Thermal Discharging
RWD063	272	'37665337_/_37665341'		5.5	10	10	1.47	2.2	10	4.12 No	1.47 Thermal Discharging
RWD063	273	'37663881_/_37663878'		5.5	10	10	1.47	2.2	10	4.12 No	1.47 Thermal Discharging
RWD063	274	'3238619_/_3238616'		5.8	10	10	1.47	2.4	10	4.12 No	1.47 Thermal Discharging
RWD063	275	'8200221_/_8200219_1'	1.93		3.33	3.33	0.49	0.5	3.33	1.37 No	0.49 Thermal Discharging
RWD063	276	'3243536_/_3243550_1'		5.6	10	10	1.47	2.4	10	4.12 No	1.47 Thermal Discharging
RWD063	277	'8200222_/_8200219_2'		1.9	3.33	3.33	0.49	0.5	3.33	1.37 No	0.49 Thermal Discharging
RWD063	278	'7568170_/_9145169'		5.5	10	10	1.47	2.2	10	4.12 No	1.47 Thermal Discharging
RWD063	279	'417427210_/_391965261'		6	10	10	1.47	4.5	10	4.12 No	1.47 Thermal Discharging
RWD063	280	'3243502_/_3243550_2'		5.2	10	10	1.47	2.4	10	4.12 No	1.47 Thermal Discharging
RWD063	281	'49931969_/_9143091_1'		1.73	3.33	3.33	0.49	0.4	3.33	1.37 No	0.4 Element Fault
RWD063	282	'7249311_/_7566158'		5.4	10	10	1.47	2.2	10	4.12 No	1.47 Thermal Discharging
RWD063	283	'3237728_/_3243520'		1.77	3.33	3.33	0.49	0.8	3.33	1.37 No	0.49 Thermal Discharging
RWD063	284	'49931960_/_9143091_2'		1.6	3.33	3.33	0.49	0.4	3.33	1.37 No	0.4 Element Fault
RWD063	285	'8511313_/_9458342'		1.6	3.33	3.33	0.49	0.5	3.33	1.37 No	0.49 Thermal Discharging
RWD063	286	'3237578_/_3237575'		3.33	3.33	3.33	0.06	1.1	3.33	1.37 No	0.06 Thermal Discharging
RWD063	287	'74073152_/_417427296'		4.8	10	10	1.47	4.5	10	4.12 No	1.47 Thermal Discharging
RWD063	288	'383979932_/_66423993'		4.8	10	10	1.47	4.5	10	4.12 No	1.47 Thermal Discharging
RWD063	289	'417427292_/_417427214'		3.27	6.67	6.67	0.98	3	6.67	2.75 No	0.98 Thermal Discharging
RWD063	290	'3236882_/_3243500'		4.2	10	10	1.47	2.4	10	4.12 No	1.47 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RWD063	291	'8511314_/8511311'	1.47	3.33	3.33	0.49	0.5	3.33	1.37 No	0.49	Thermal Discharging
RWD063	292	'3237591_/3237588'	3.33	3.33	3.33	0.06	1.1	3.33	1.37 No	0.06	Thermal Discharging
RWD063	293	'3237729_/43283995'	1.5	3.33	3.33	0.49	0.8	3.33	1.37 No	0.49	Thermal Discharging
RWD063	294	'66423990_/383979936'	4.3	10	10	1.47	4.5	10	4.12 No	1.47	Thermal Discharging
RWD063	295	'7877951_/7877969'	1.9	3.33	3.33	0.49	0.73	3.33	1.37 No	0.49	Thermal Discharging
RWD063	296	'7566567_/8200673'	3.1	10	10	1.47	2.5	10	4.12 No	1.47	Thermal Discharging
RWD063	297	'7566416_/7566414'	1.27	3.33	3.33	0.49	0.4	3.33	1.37 No	0.4	Element Fault
RWD063	298	'66424027_/66424034'	4	10	10	1.47	4.5	10	4.12 No	1.47	Thermal Discharging
RWD063	299	'37665351_/37665390'	1.8	3.33	3.33	0.49	0.73	3.33	1.37 No	0.49	Thermal Discharging
RWD063	300	'43284070_/3237601'	3.33	3.33	3.33	0.06	1.1	3.33	1.37 No	0.06	Thermal Discharging
RWD063	301	'43283958_/3236880'	3.7	10	10	1.47	2.4	10	4.12 No	1.47	Thermal Discharging
RWD063	302	'3237460_/3238482'	3.33	3.33	3.33	0.06	0.25	3.33	1.37 No	0.06	Thermal Discharging
RWD063	303	'3262908_/3262918'	3.33	3.33	3.33	0.06	1.1	3.33	1.37 No	0.06	Thermal Discharging
RWD063	304	'7566566_/7566564'	3.1	10	10	1.47	2.5	10	4.12 No	1.47	Thermal Discharging
RWD063	305	'3235852_/3235850'	3.33	3.33	3.33	0.06	0.25	3.33	1.37 No	0.06	Thermal Discharging
RWD063	306	'66424048_/66424080'	3.7	10	10	1.47	4.5	10	4.12 No	1.47	Thermal Discharging
RWD063	307	'8200582_/8200579'	3.7	10	10	1.47	4.5	10	4.12 No	1.47	Thermal Discharging
RWD063	308	'3237461_/3237458'	3.33	3.33	3.33	0.06	0.25	3.33	1.37 No	0.06	Thermal Discharging
RWD063	309	'43284075_/43284072'	3.33	3.33	3.33	0.06	1.1	3.33	1.37 No	0.06	Thermal Discharging
RWD063	310	'3236900_/3236897'	3.3	10	10	1.47	2.4	10	4.12 No	1.47	Thermal Discharging
RWD063	311	'3262907_/3262905'	3.33	3.33	3.33	0.06	1.1	3.33	1.37 No	0.06	Thermal Discharging
RWD063	312	'246942189_/246924494_1'	1.1	3.33	3.33	0.49	0.7	3.33	1.37 No	0.49	Thermal Discharging
RWD063	313	'3262934_/3262931'	3.33	3.33	3.33	0.06	0.2	3.33	1.37 No	0.06	Thermal Discharging
RWD063	314	'43283559_/3235915'	3.33	3.33	3.33	0.06	0.25	3.33	1.37 No	0.06	Thermal Discharging
RWD063	315	'43284037_/3237471'	3.33	3.33	3.33	0.06	0.25	3.33	1.37 No	0.06	Thermal Discharging
RWD063	316	'8200118_/246924494_2'	1.07	3.33	3.33	0.49	0.7	3.33	1.37 No	0.49	Thermal Discharging
RWD063	317	'3262881_/3262947'	3.33	3.33	3.33	0.06	1.1	3.33	1.37 No	0.06	Thermal Discharging
RWD063	318	'3236917_/3236914'	3	10	10	1.47	2.4	10	4.12 No	1.47	Thermal Discharging
RWD063	319	'3262842_/3262968'	1.97	3.33	3.33	0.06	0.2	3.33	1.37 No	0.06	Thermal Discharging
RWD063	320	'3235931_/43283561'	1.73	3.33	3.33	0.06	0.25	3.33	1.37 No	0.06	Thermal Discharging
RWD063	321	'411566367_/391965201'	3.1	10	10	1.47	4.5	10	4.12 No	1.47	Thermal Discharging
RWD063	322	'411566360_/383868176'	3.2	10	10	1.47	2.5	10	4.12 No	1.47	Thermal Discharging
RWD063	323	'7877645_/246940781'	1	3.33	3.33	0.49	0.7	3.33	1.37 No	0.49	Thermal Discharging
RWD063	324	'3237487_/43284039'	1.87	3.33	3.33	0.06	0.25	3.33	1.37 No	0.06	Thermal Discharging
RWD063	325	'397316463_/397316509'	1.07	3.33	3.33	0.49	0.83	3.33	1.37 No	0.49	Thermal Discharging
RWD063	326	'43284026_/3262879'	1.8	3.33	3.33	0.06	1.1	3.33	1.37 No	0.06	Thermal Discharging
RWD063	327	'3235944_/3235941'	1.57	3.33	3.33	0.06	0.25	3.33	1.37 No	0.06	Thermal Discharging
RWD063	328	'7877646_/246940804'	0.97	3.33	3.33	0.49	0.7	3.33	1.37 No	0.49	Thermal Discharging
RWD063	329	'43286484_/3262840'	1.63	3.33	3.33	0.06	0.2	3.33	1.37 No	0.06	Thermal Discharging
RWD063	330	'3237526_/3237536'	1.63	3.33	3.33	0.06	0.25	3.33	1.37 No	0.06	Thermal Discharging
RWD063	331	'3262895_/3262892'	1.63	3.33	3.33	0.06	1.1	3.33	1.37 No	0.06	Thermal Discharging
RWD063	332	'417427253_/417427272'	1.1	3.33	3.33	0.49	1.4	3.33	1.37 No	0.49	Thermal Discharging
RWD063	333	'43283945_/3236931'	2.8	10	10	1.47	2.4	10	4.12 No	1.47	Thermal Discharging
RWD063	334	'43284048_/3237497'	1.57	3.33	3.33	0.06	0.25	3.33	1.37 No	0.06	Thermal Discharging
RWD063	335	'3243123_/3243120'	1.43	3.33	3.33	0.06	0.25	3.33	1.37 No	0.06	Thermal Discharging
RWD063	336	'3262984_/3262981'	1.47	3.33	3.33	0.06	0.2	3.33	1.37 No	0.06	Thermal Discharging
RWD063	337	'7566586_/7566584'	2.8	10	10	1.47	2.5	10	4.12 No	1.47	Thermal Discharging
RWD063	338	'3263065_/3263088'	1.5	3.33	3.33	0.06	1.1	3.33	1.37 No	0.06	Thermal Discharging
RWD063	339	'3262997_/3262994'	1.43	3.33	3.33	0.06	0.2	3.33	1.37 No	0.06	Thermal Discharging
RWD063	340	'43284059_/3237523'	1.43	3.33	3.33	0.06	0.25	3.33	1.37 No	0.06	Thermal Discharging
RWD063	341	'3237107_/3237549'	1.43	3.33	3.33	0.06	1.1	3.33	1.37 No	0.06	Thermal Discharging
RWD063	342	'340433129_/246940817_1'	0.87	3.33	3.33	0.49	0.4	3.33	1.37 No	0.4	Element Fault
RWD063	343	'3235956_/3243133'	1.33	3.33	3.33	0.06	0.25	3.33	1.37 No	0.06	Thermal Discharging
RWD063	344	'7568171_/9144033_1'	1	3.33	3.33	0.49	0.73	3.33	1.37 No	0.49	Thermal Discharging
RWD063	345	'3262855_/3263007'	1.37	3.33	3.33	0.06	0.2	3.33	1.37 No	0.06	Thermal Discharging
RWD063	346	'3237500_/43284050'	1.37	3.33	3.33	0.06	0.1	3.33	1.37 No	0.06	Thermal Discharging
RWD063	347	'408753925_/3235954'	1.3	3.33	3.33	0.06	0.25	3.33	1.37 No	0.06	Thermal Discharging
RWD063	348	'3236425_/3263075'	1.37	3.33	3.33	0.06	1.1	3.33	1.37 No	0.06	Thermal Discharging
RWD063	349	'3262856_/3262853'	1.3	3.33	3.33	0.06	0.2	3.33	1.37 No	0.06	Thermal Discharging
RWD063	350	'43283932_/43283947'	2.5	10	10	1.47	2.4	10	4.12 No	1.47	Thermal Discharging
RWD063	351	'3237108_/3237105'	1.33	3.33	3.33	0.06	1.1	3.33	1.37 No	0.06	Thermal Discharging
RWD063	352	'3235957_/408753927'	1.23	3.33	3.33	0.06	0.25	3.33	1.37 No	0.06	Thermal Discharging
RWD063	353	'7249497_/7565964'	1.3	3.33	3.33	0.06	0.1	3.33	1.37 No	0.06	Thermal Discharging
RWD063	354	'3236074_/3243146'	1.2	3.33	3.33	0.06	0.25	3.33	1.37 No	0.06	Thermal Discharging
RWD063	355	'7566607_/8200693_1'	2.6	10	10	1.47	2.5	10	4.12 No	1.47	Thermal Discharging
RWD063	356	'3239713_/3236422'	1.27	3.33	3.33	0.06	1.1	3.33	1.37 No	0.06	Thermal Discharging
RWD063	357	'3263049_/3263046'	1.23	3.33	3.33	0.06	0.9	3.33	1.37 No	0.06	Thermal Discharging
RWD063	358	'3262869_/43286497'	1.23	3.33	3.33	0.06	0.2	3.33	1.37 No	0.06	Thermal Discharging
RWD063	359	'3263023_/3263020'	1.2	3.33	3.33	0.06	0.2	3.33	1.37 No	0.06	Thermal Discharging
RWD063	360	'3237121_/3237118'	1.23	3.33	3.33	0.06	1.1	3.33	1.37 No	0.06	Thermal Discharging
RWD063	361	'3237512_/3237510'	1.2	3.33	3.33	0.06	0.25	3.33	1.37 No	0.06	Thermal Discharging
RWD063	362	'43284629_/3235967'	1.13	3.33	3.33	0.06	0.25	3.33	1.37 No	0.06	Thermal Discharging
RWD063	363	'3236061_/3236071'	1.13	3.33	3.33	0.06	0.25	3.33	1.37 No	0.06	Thermal Discharging
RWD063	364	'3263036_/3263033'	1.17	3.33	3.33	0.06	0.2	3.33	1.37 No	0.06	Thermal Discharging
RWD063	365	'3242872_/3242869'	2.3	10	10	1.47	2.4	10	4.12 No	1.47	Thermal Discharging
RWD063	366	'3237134_/3237131'	1.17	3.33	3.33	0.06	1.1	3.33	1.37 No	0.06	Thermal Discharging
RWD063	367	'43284380_/43284382'	1.17	3.33	3.33	0.06	1.1	3.33	1.37 No	0.06	Thermal Discharging
RWD063	368	'3237713_/7249494'	1.13	3.33	3.33	0.06	0.1	3.33	1.37 No	0.06	Thermal Discharging
RWD063	369	'3237712_/43284083'	1.13	3.33	3.33	0.06	0.1	3.33	1.37 No	0.06	Thermal Discharging
RWD063	370	'3243735_/3243745_1'	0.77	3.33	3.33	0.49	0.4	3.33	1.37 No	0.4	Element Fault
RWD063	371	'3243764_/3243761'	2.3	10	10	1.47	2.4	10	4.12 No	1.47	Thermal Discharging
RWD063	372	'61696862_/7217950_2'	2.3	10	10	1.47	2.4	10	4.12 No	1.47	Thermal Discharging
RWD063	373	'3235891_/3239723'	1.13	3.33	3.33	0.06	1.1	3.33	1.37 No	0.06	Thermal Discharging
RWD063	374	'3242889_/3242886'	2.3	10	10	1.47	2.4	10	4.12 No	1.47	Thermal Discharging
RWD063	375	'3235982_/43284631'	1.07	3.33	3.33	0.06	0.25	3.33	1.37 No	0.06	Thermal Discharging
RWD063	376	'43283592_/3236058'	1.03	3.33	3.33	0.06	0.25	3.33	1.37 No	0.06	Thermal Discharging
RWD063	377	'43284721_/3243040'	1.1	3.33	3.33	0.06	0.25	3.33	1.37 No	0.06	Thermal Discharging
RWD063	378	'3242923_/3242937'	2.2	10	10	1.47	2.4	10	4.12 No	1.47	Thermal Discharging
RWD063	379	'429126312_/423841795_1'	0.73	3.33	3.33	0.49	0.4	3.33	1.37 No	0.4	Element Fault
RWD063	380	'144291985_/7217950_1'	2.2	10	10	1.47	1.4	10	4.12 No	1.4	Element Fault
RWD063	381	'3242956_/3243745_2'	0.77	3.33	3.33	0.49	0.4	3.33	1.37 No	0.4	Element Fault
RWD063	382	'144292025_/144292043'	2.2	10	10	1.47	1.4	10	4.12 No	1.4	Element Fault
RWD063	383	'3235866_/3237300'	1.07	3.33	3.33	0.06	1.1	3.33	1.37 No	0.06	Thermal Discharging
RWD063	384	'3235892_/3235889'	1.03	3.33	3.33	0.06	1.1	3.33	1.37 No	0.06	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RWD063	385	'3242906_/_3242920'	2.2		10	10	1.47	2.4	10	4.12 No	1.47 Thermal Discharging
RWD063	386	'3237146_/_3238408'	1.03		3.33	3.33	0.06	1.1	3.33	1.37 No	0.06 Thermal Discharging
RWD063	387	'3236087_/_3236084'	1		3.33	3.33	0.06	0.25	3.33	1.37 No	0.06 Thermal Discharging
RWD063	388	'3235983_/_3235980'	1		3.33	3.33	0.06	0.25	3.33	1.37 No	0.06 Thermal Discharging
RWD063	389	'3235905_/_3235902'	1		3.33	3.33	0.06	1.1	3.33	1.37 No	0.06 Thermal Discharging
RWD063	390	'423841730_/_423841795_2'	0.7		3.33	3.33	0.49	0.4	3.33	1.37 No	0.4 Element Fault
RWD063	391	'3237147_/_3237144'	1		3.33	3.33	0.06	1.1	3.33	1.37 No	0.06 Thermal Discharging
RWD063	392	'3237277_/_3237287'	1		3.33	3.33	0.06	1.1	3.33	1.37 No	0.06 Thermal Discharging
RWD063	393	'3236967_/_3242903'	2.1		10	10	1.47	2.4	10	4.12 No	1.47 Thermal Discharging
RWD063	394	'3236100_/_3236097'	0.97		3.33	3.33	0.06	0.25	3.33	1.37 No	0.06 Thermal Discharging
RWD063	395	'3237055_/_43284723'	0.97		3.33	3.33	0.06	0.25	3.33	1.37 No	0.06 Thermal Discharging
RWD063	396	'43283591_/_3236045'	0.93		3.33	3.33	0.06	0.25	3.33	1.37 No	0.06 Thermal Discharging
RWD063	397	'3236988_/_3236998_1'	0.7		3.33	3.33	0.49	0.5	3.33	1.37 No	0.49 Thermal Discharging
RWD063	398	'3235996_/_3235993'	0.93		3.33	3.33	0.06	0.25	3.33	1.37 No	0.06 Thermal Discharging
RWD063	399	'3236112_/_3236110'	0.93		3.33	3.33	0.06	0.25	3.33	1.37 No	0.06 Thermal Discharging
RWD063	400	'3237042_/_3242954'	0.7		3.33	3.33	0.49	0.4	3.33	1.37 No	0.4 Element Fault
RWD063	401	'3235865_/_3235863'	0.93		3.33	3.33	0.06	1.1	3.33	1.37 No	0.06 Thermal Discharging
RWD063	402	'3236009_/_3236006'	0.9		3.33	3.33	0.06	0.25	3.33	1.37 No	0.06 Thermal Discharging
RWD063	403	'43283921_/_3237157'	0.93		3.33	3.33	0.06	1.1	3.33	1.37 No	0.06 Thermal Discharging
RWD063	404	'3237001_/_3236998_2'	0.7		3.33	3.33	0.49	0.5	3.33	1.37 No	0.49 Thermal Discharging
RWD063	405	'3237043_/_3237040'	0.67		3.33	3.33	0.49	0.4	3.33	1.37 No	0.4 Element Fault
RWD063	406	'3237264_/_3237274_2'	0.9		3.33	3.33	0.06	1.1	3.33	1.37 No	0.06 Thermal Discharging
RWD063	407	'3235879_/_3235876'	0.9		3.33	3.33	0.06	1.1	3.33	1.37 No	0.06 Thermal Discharging
RWD063	408	'3237014_/_3237011'	0.7		3.33	3.33	0.49	0.5	3.33	1.37 No	0.49 Thermal Discharging
RWD063	409	'43284004_/_3237274_1'	0.9		3.33	3.33	0.06	1.1	3.33	1.37 No	0.06 Thermal Discharging
RWD063	410	'3237056_/_3237053'	0.9		3.33	3.33	0.06	0.25	3.33	1.37 No	0.06 Thermal Discharging
RWD063	411	'43283581_/_3236123'	0.87		3.33	3.33	0.06	0.25	3.33	1.37 No	0.06 Thermal Discharging
RWD063	412	'3236022_/_3236019'	0.87		3.33	3.33	0.06	0.25	3.33	1.37 No	0.06 Thermal Discharging
RWD063	413	'3237173_/_43283923'	0.9		3.33	3.33	0.06	1.1	3.33	1.37 No	0.06 Thermal Discharging
RWD063	414	'43283864_/_3236965'	1.9		10	10	1.47	2.4	10	4.12 No	1.47 Thermal Discharging
RWD063	415	'3237030_/_3237027'	0.7		3.33	3.33	0.49	0.5	3.33	1.37 No	0.49 Thermal Discharging
RWD063	416	'3236035_/_3236032'	0.83		3.33	3.33	0.06	0.25	3.33	1.37 No	0.06 Thermal Discharging
RWD063	417	'3237186_/_43283912'	0.83		3.33	3.33	0.06	1.1	3.33	1.37 No	0.06 Thermal Discharging
RWD063	418	'3236139_/_3236136'	0.83		3.33	3.33	0.06	0.25	3.33	1.37 No	0.06 Thermal Discharging
RWD063	419	'43284699_/_3242840'	0.83		3.33	3.33	0.06	1.1	3.33	1.37 No	0.06 Thermal Discharging
RWD063	420	'43284015_/_3237261'	0.83		3.33	3.33	0.06	1.1	3.33	1.37 No	0.06 Thermal Discharging
RWD063	421	'43283899_/_3237066'	0.8		3.33	3.33	0.06	0.25	3.33	1.37 No	0.06 Thermal Discharging
RWD063	422	'3232385_/_3238650'	1.8		9.5	10	1.47	2.4	10	4.12 No	1.47 Thermal Discharging
RWD063	423	'3242856_/_3242853'	0.8		3.33	3.33	0.06	1.1	3.33	1.37 No	0.06 Thermal Discharging
RWD063	424	'3232386_/_3238844_1'	0.6		3.17	3.33	0.49	0.5	3.33	1.37 No	0.49 Thermal Discharging
RWD063	425	'7249740_/_7249738_1'	0.8		3.33	3.33	0.06	0.2	3.33	1.37 No	0.06 Thermal Discharging
RWD063	426	'402129527_/_43283821_2'	1.2		6.33	6.67	0.98	1.6	6.67	2.75 No	0.98 Thermal Discharging
RWD063	427	'709955868_/_570767439_2'	0.6		3.13	3.33	0.49	0.8	3.33	1.37 No	0.49 Thermal Discharging
RWD063	428	'3236152_/_3236149'	0.8		3.33	3.33	0.06	0.25	3.33	1.37 No	0.06 Thermal Discharging
RWD063	429	'3238833_/_3238844_2'	0.6		3.1	3.33	0.49	0.5	3.33	1.37 No	0.49 Thermal Discharging
RWD063	430	'43283819_/_43283821_1'	1.2		6.2	6.67	0.98	1	6.67	2.75 No	0.98 Thermal Discharging
RWD063	431	'3237238_/_3237248'	0.77		3.33	3.33	0.06	1.1	3.33	1.37 No	0.06 Thermal Discharging
RWD063	432	'8511350_/_570767439_1'	0.6		3.07	3.33	0.49	0.5	3.33	1.37 No	0.49 Thermal Discharging
RWD063	433	'3237082_/_3237079'	0.77		3.33	3.33	0.06	0.25	3.33	1.37 No	0.06 Thermal Discharging
RWD063	434	'7249741_/_7249738_2'	0.77		3.33	3.33	0.06	0.2	3.33	1.37 No	0.06 Thermal Discharging
RWD063	435	'3238834_/_3238831'	0.6		3	3.33	0.49	0.5	3.33	1.37 No	0.49 Thermal Discharging
RWD063	436	'3236165_/_3236162'	0.77		3.33	3.33	0.06	0.25	3.33	1.37 No	0.06 Thermal Discharging
RWD063	437	'8510954_/_9457994_1'	0.77		3.33	3.33	0.06	0.25	3.33	1.37 No	0.06 Thermal Discharging
RWD063	438	'3232398_/_3238857'	0.6		3	3.33	0.49	0.5	3.33	1.37 No	0.49 Thermal Discharging
RWD063	439	'3238676_/_3238694'	1.13		6	6.67	0.98	1	6.67	2.75 No	0.98 Thermal Discharging
RWD063	440	'7565912_/_9458154_2'	0.57		2.97	3.33	0.49	0.5	3.33	1.37 No	0.49 Thermal Discharging
RWD063	441	'8829006_/_9458154_1'	0.57		2.93	3.33	0.49	0.3	3.33	1.37 No	0.3 Element Fault
RWD063	442	'3237224_/_3237235'	0.73		3.33	3.33	0.06	1.1	3.33	1.37 No	0.06 Thermal Discharging
RWD063	443	'8829007_/_8829004'	0.57		2.93	3.33	0.49	0.3	3.33	1.37 No	0.3 Element Fault
RWD063	444	'9142714_/_9458416'	0.57		2.93	3.33	0.49	0.3	3.33	1.37 No	0.3 Element Fault
RWD063	445	'7565794_/_9457994_2'	0.73		3.33	3.33	0.06	0.25	3.33	1.37 No	0.06 Thermal Discharging
RWD063	446	'43284662_/_3242584'	0.73		3.33	3.33	0.06	0.25	3.33	1.37 No	0.06 Thermal Discharging
RWD063	447	'43283888_/_3237092'	0.7		3.33	3.33	0.06	0.25	3.33	1.37 No	0.06 Thermal Discharging
RWD063	448	'3232373_/_3238673'	1.13		5.8	6.67	0.98	1	6.67	2.75 No	0.98 Thermal Discharging
RWD063	449	'7877629_/_7877627'	0.57		2.9	3.33	0.49	0.5	3.33	1.37 No	0.49 Thermal Discharging
RWD063	450	'43283831_/_3232396'	0.57		2.83	3.33	0.49	0.5	3.33	1.37 No	0.49 Thermal Discharging
RWD063	451	'9458077_/_9458074'	0.53		2.87	3.33	0.49	0.5	3.33	1.37 No	0.49 Thermal Discharging
RWD063	452	'7249364_/_570767456'	0.53		2.8	3.33	0.49	0.5	3.33	1.37 No	0.49 Thermal Discharging
RWD063	453	'3242574_/_3242571'	0.7		3.33	3.33	0.06	0.25	3.31	1.37 No	0.06 Thermal Discharging
RWD063	454	'3236775_/_3237222'	0.7		3.33	3.33	0.06	1.1	3.3	1.37 No	0.06 Thermal Discharging
RWD063	455	'7877534_/_7877547_1'	0.7		3.33	3.33	0.06	0.25	3.3	1.37 No	0.06 Thermal Discharging
RWD063	456	'9142713_/_9142711'	0.53		2.8	3.33	0.49	0.3	3.33	1.37 No	0.3 Element Fault
RWD063	457	'7249365_/_570767471'	0.53		2.77	3.33	0.49	0.5	3.33	1.37 No	0.49 Thermal Discharging
RWD063	458	'7877550_/_7877547_2'	0.7		3.33	3.33	0.06	0.25	3.28	1.37 No	0.06 Thermal Discharging
RWD063	459	'43283808_/_43283810'	0.57		2.8	3.33	0.49	0.5	3.33	1.37 No	0.49 Thermal Discharging
RWD063	460	'43283877_/_3236773'	0.67		3.33	3.33	0.06	1.1	3.25	1.37 No	0.06 Thermal Discharging
RWD063	461	'7565795_/_7565792'	0.67		3.33	3.33	0.06	0.25	3.25	1.37 No	0.06 Thermal Discharging
RWD063	462	'3243004_/_43283890'	0.67		3.33	3.33	0.06	0.25	3.25	1.37 No	0.06 Thermal Discharging
RWD063	463	'8200004_/_8200001'	0.67		3.33	3.33	0.06	0.25	3.22	1.37 No	0.06 Thermal Discharging
RWD063	464	'7877861_/_9458090'	0.53		2.73	3.33	0.49	0.5	3.3	1.37 No	0.49 Thermal Discharging
RWD063	465	'3232415_/_43283833'	0.53		2.7	3.33	0.49	0.5	3.3	1.37 No	0.49 Thermal Discharging
RWD063	466	'8510969_/_8510967'	0.67		3.33	3.33	0.06	0.25	3.2	1.37 No	0.06 Thermal Discharging
RWD063	467	'8200020_/_8200017'	0.67		3.33	3.33	0.06	0.25	3.19	1.37 No	0.06 Thermal Discharging
RWD063	468	'43283882_/_43283879'	0.63		3.33	3.33	0.06	1.1	3.18	1.37 No	0.06 Thermal Discharging
RWD063	469	'7249445_/_9458138'	0.53		2.67	3.33	0.49	0.3	3.28	1.37 No	0.3 Element Fault
RWD063	470	'9142572_/_670017978'	0.67		3.33	3.33	0.06	0.25	3.18	1.37 No	0.06 Thermal Discharging
RWD063	471	'570767780_/_570767486'	0.5		2.63	3.33	0.49	0.5	3.26	1.37 No	0.49 Thermal Discharging
RWD063	472	'720013127_/_721438575'	0.53		2.63	3.33	0.49	0.3	3.26	1.37 No	0.3 Element Fault
RWD063	473	'3232359_/_3232357'	0.57		2.67	3.33	0.49	0.5	3.25	1.37 No	0.49 Thermal Discharging
RWD063	474	'3232347_/_387076312_2'	0.57		2.67	3.33	0.49	0.5	3.24	1.37 No	0.49 Thermal Discharging
RWD063	475	'8828710_/_8828708_2'	0.57		2.67	3.33	0.49	0.5	3.23	1.37 No	0.49 Thermal Discharging
RWD063	476	'43284710_/_3243014'	0.63		3.33	3.33	0.06	0.25	3.15	1.37 No	0.06 Thermal Discharging
RWD063	477	'387076304_/_387076312_1'	0.57		2.63	3.33	0.49	0.5	3.21	1.37 No	0.49 Thermal Discharging
RWD063	478	'400981180_/_570767501'	0.5		2.6	3.33	0.49	0.5	3.21	1.37 No	0.49 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RWD063	479	'3232334'/_/3232344'		0.57	2.6	3.33	0.49	0.5	3.18	1.37 No	0.49 Thermal Discharging
RWD063	480	'3232428'/_/3232425'		0.5	2.6	3.33	0.49	0.5	3.18	1.37 No	0.49 Thermal Discharging
RWD063	481	'3232321'/_/3232318_2'		0.57	2.6	3.33	0.49	0.5	3.18	1.37 No	0.49 Thermal Discharging
RWD063	482	'7249444'/_/7249442'		0.5	2.53	3.33	0.49	0.3	3.16	1.37 No	0.3 Element Fault
RWD063	483	'3238281'/_/3238291'		0.57	2.57	3.33	0.49	0.5	3.15	1.37 No	0.49 Thermal Discharging
RWD063	484	'3236685'/_/3236682'		0.5	2.53	3.33	0.49	0.5	3.13	1.37 No	0.49 Thermal Discharging
RWD063	485	'7877613'/_/570767660'		0.5	2.5	3.33	0.49	0.5	3.13	1.37 No	0.49 Thermal Discharging
RWD063	486	'7565865'/_/9142695_1'		0.5	2.53	3.33	0.49	0.3	3.13	1.37 No	0.3 Element Fault
RWD063	487	'3232320'/_/3232318_1'		0.57	2.53	3.33	0.49	0.3	3.12	1.37 No	0.3 Element Fault
RWD063	488	'43284715'/_/43284712'		0.6	3.33	3.33	0.06	0.25	3.04	1.37 No	0.06 Thermal Discharging
RWD063	489	'7877862'/_/7877859'		0.5	2.53	3.33	0.49	0.5	3.11	1.37 No	0.49 Thermal Discharging
RWD063	490	'7565881'/_/7565894'		0.5	2.5	3.33	0.49	0.3	3.11	1.37 No	0.3 Element Fault
RWD063	491	'8828711'/_/8828708_1'		0.53	2.53	3.33	0.49	0.4	3.1	1.37 No	0.4 Element Fault
RWD063	492	'8200067'/_/9142695_2'		0.5	2.5	3.33	0.49	0.3	3.1	1.37 No	0.3 Element Fault
RWD063	493	'43283853'/_/3236695'		0.5	2.5	3.33	0.49	0.5	3.09	1.37 No	0.49 Thermal Discharging
RWD063	494	'3236724'/_/3236721'		0.5	2.47	3.33	0.49	0.5	3.08	1.37 No	0.49 Thermal Discharging
RWD063	495	'43284320'/_/3238304'		0.53	2.5	3.33	0.49	0.5	3.07	1.37 No	0.49 Thermal Discharging
RWD063	496	'743592449'/_/394616686'		0.47	2.47	3.33	0.49	0.5	3.08	1.37 No	0.47 Primary Over-Voltage
RWD063	497	'7565880'/_/7565878'		0.47	2.43	3.33	0.49	0.3	3.04	1.37 No	0.3 Element Fault
RWD063	498	'3238280'/_/3238278'		0.53	2.47	3.33	0.49	0.5	3.03	1.37 No	0.49 Thermal Discharging
RWD063	499	'43283842'/_/3236734'		0.47	2.43	3.33	0.49	0.5	3.02	1.37 No	0.47 Primary Over-Voltage
RWD063	500	'43286415'/_/43286417'		0.53	2.43	3.33	0.49	0.3	3.02	1.37 No	0.3 Element Fault
RWD063	501	'394616644'/_/743592469'		0.47	2.4	3.33	0.49	0.5	3.02	1.37 No	0.47 Primary Over-Voltage
RWD063	502	'8200068'/_/8200065'		0.47	2.43	3.33	0.49	0.3	3.02	1.37 No	0.3 Element Fault
RWD063	503	'8511547'/_/367734950'		0.47	2.4	3.33	0.49	0.5	3.01	1.37 No	0.47 Primary Over-Voltage
RWD063	504	'3238320'/_/3238317'		0.53	2.43	3.33	0.49	0.5	3	1.37 No	0.49 Thermal Discharging
RWD063	505	'45231657'/_/3236708'		0.47	2.4	3.33	0.49	0.5	2.99	1.37 No	0.47 Primary Over-Voltage
RWD063	506	'3236750'/_/43283844'		0.47	2.37	3.33	0.49	0.5	2.97	1.37 No	0.47 Primary Over-Voltage
RWD063	507	'3238397'/_/3238395'		0.5	2.37	3.33	0.49	0.5	2.93	1.37 No	0.49 Thermal Discharging
RWD063	508	'43284298'/_/3238330'		0.5	2.33	3.33	0.49	0.5	2.93	1.37 No	0.49 Thermal Discharging
RWD063	509	'3262652'/_/3262650'		0.5	2.37	3.33	0.49	0.3	2.93	1.37 No	0.3 Element Fault
RWD063	510	'394616608'/_/394616663'		0.43	2.3	3.33	0.49	0.5	2.92	1.37 No	0.43 Primary Over-Voltage
RWD063	511	'8511548'/_/367734939'		0.43	2.3	3.33	0.49	0.5	2.91	1.37 No	0.43 Primary Over-Voltage
RWD063	512	'3236763'/_/3236760'		0.47	2.3	3.33	0.49	0.5	2.9	1.37 No	0.47 Primary Over-Voltage
RWD063	513	'3262666'/_/3262663'		0.5	2.3	3.33	0.49	0.3	2.87	1.37 No	0.3 Element Fault
RWD063	514	'8828743'/_/9458122'		0.43	2.27	3.33	0.49	0.5	2.86	1.37 No	0.43 Primary Over-Voltage
RWD063	515	'3237199'/_/3237209'		0.43	2.27	3.33	0.49	0.5	2.85	1.37 No	0.43 Primary Over-Voltage
RWD063	516	'3238346'/_/43284300'		0.5	2.27	3.33	0.49	0.5	2.83	1.37 No	0.49 Thermal Discharging
RWD063	517	'7249412'/_/8828756'		0.43	2.23	3.33	0.49	0.3	2.83	1.37 No	0.3 Element Fault
RWD063	518	'570767738'/_/570767550'		0.43	2.2	3.33	0.49	0.5	2.82	1.37 No	0.43 Primary Over-Voltage
RWD063	519	'7249413'/_/7567316_1'		0.4	2.07	3.33	0.49	0.3	2.82	1.37 No	0.3 Element Fault
RWD063	520	'3236804'/_/3262676'		0.5	2.23	3.33	0.49	0.3	2.82	1.37 No	0.3 Element Fault
RWD063	521	'3237198'/_/3237196'		0.43	2.2	3.33	0.49	0.5	2.79	1.37 No	0.43 Primary Over-Voltage
RWD063	522	'7249428'/_/707732971'		0.43	2.17	3.33	0.49	0.3	2.78	1.37 No	0.3 Element Fault
RWD063	523	'43283982'/_/3236802'		0.47	2.2	3.33	0.49	0.3	2.76	1.37 No	0.3 Element Fault
RWD063	524	'3238225'/_/3238356'		0.47	2.17	3.33	0.49	0.5	2.75	1.37 No	0.47 Primary Over-Voltage
RWD063	525	'8511090'/_/8828740'		0.4	2.13	3.33	0.49	0.5	2.72	1.37 No	0.4 Primary Over-Voltage
RWD063	526	'570767692'/_/570767625_1'		0.37	1.93	3.33	0.49	0.5	2.72	1.37 No	0.37 Primary Over-Voltage
RWD063	527	'7249381'/_/570767565'		0.4	2.1	3.33	0.49	0.5	2.71	1.37 No	0.4 Primary Over-Voltage
RWD063	528	'3236818'/_/43283984'		0.47	2.13	3.33	0.49	0.3	2.7	1.37 No	0.3 Element Fault
RWD063	529	'7567319'/_/7878687'		0.4	2.1	3.33	0.49	0.3	2.7	1.37 No	0.3 Element Fault
RWD063	530	'43284309'/_/3238369'		0.47	2.1	3.33	0.49	0.5	2.68	1.37 No	0.47 Primary Over-Voltage
RWD063	531	'3238226'/_/3238223'		0.47	2.07	3.33	0.49	0.5	2.63	1.37 No	0.47 Primary Over-Voltage
RWD063	532	'43284314'/_/43284311'		0.47	2.07	3.33	0.49	0.5	2.63	1.37 No	0.47 Primary Over-Voltage
RWD063	533	'7249396'/_/570767580'		0.4	2.03	3.33	0.49	0.5	2.63	1.37 No	0.4 Primary Over-Voltage
RWD063	534	'570767708'/_/570767595'		0.4	2.03	3.33	0.49	0.5	2.62	1.37 No	0.4 Primary Over-Voltage
RWD063	535	'43283971'/_/3236828'		0.43	2.03	3.33	0.49	0.3	2.6	1.37 No	0.3 Element Fault
RWD063	536	'43284331'/_/3238249'		0.43	2	3.33	0.49	0.5	2.57	1.37 No	0.43 Primary Over-Voltage
RWD063	537	'3238213'/_/3238236'		0.43	2	3.33	0.49	0.5	2.56	1.37 No	0.43 Primary Over-Voltage
RWD063	538	'3236844'/_/43283973'		0.43	2	3.33	0.49	0.3	2.54	1.37 No	0.3 Element Fault
RWD063	539	'7249397'/_/570767610'		0.37	1.93	3.33	0.49	0.5	2.54	1.37 No	0.37 Primary Over-Voltage
RWD063	540	'3238135'/_/3238210'		0.43	1.97	3.33	0.49	0.5	2.52	1.37 No	0.43 Primary Over-Voltage
RWD063	541	'3236857'/_/3236854'		0.43	1.97	3.33	0.49	0.3	2.52	1.37 No	0.3 Element Fault
RWD063	542	'45231685'/_/3238265'		0.43	1.93	3.33	0.49	0.5	2.5	1.37 No	0.43 Primary Over-Voltage
RWD063	543	'3236870'/_/3236867'		0.43	1.93	3.33	0.49	0.3	2.5	1.37 No	0.3 Element Fault
RWD063	544	'3238122'/_/3238132'		0.43	1.9	3.33	0.49	0.5	2.46	1.37 No	0.43 Primary Over-Voltage
RWD063	545	'7566015'/_/9458186_1'		0.43	1.9	3.33	0.49	0.1	2.46	1.37 No	0.1 Element Fault
RWD063	546	'43284287'/_/3238145'		0.43	1.9	3.33	0.49	0.5	2.46	1.37 No	0.43 Primary Over-Voltage
RWD063	547	'43284254'/_/43284256'		0.4	1.9	3.33	0.49	0.5	2.43	1.37 No	0.4 Primary Over-Voltage
RWD063	548	'43284265'/_/43284267'		0.4	1.87	3.33	0.49	0.5	2.4	1.37 No	0.4 Primary Over-Voltage
RWD063	549	'3238108'/_/8200319_2'		0.4	1.87	3.33	0.49	0.5	2.4	1.37 No	0.4 Primary Over-Voltage
RWD063	550	'3238161'/_/43284289'		0.4	1.83	3.33	0.49	0.5	2.38	1.37 No	0.4 Primary Over-Voltage
RWD063	551	'7877677'/_/9458186_2'		0.4	1.83	3.33	0.49	0.1	2.37	1.37 No	0.1 Element Fault
RWD063	552	'3238174'/_/3238171'		0.4	1.8	3.33	0.49	0.5	2.34	1.37 No	0.4 Primary Over-Voltage
RWD063	553	'7877678'/_/7877675_1'		0.37	1.6	3.33	0.49	0.1	2.3	1.37 No	0.1 Element Fault
RWD063	554	'43284276'/_/3238184'		0.4	1.77	3.33	0.49	0.5	2.29	1.37 No	0.4 Primary Over-Voltage
RWD063	555	'8200322'/_/8200319_1'		0.37	1.73	3.33	0.49	0.1	2.26	1.37 No	0.1 Element Fault
RWD063	556	'44737917'/_/3238197'		0.37	1.7	3.33	0.49	0.5	2.23	1.37 No	0.37 Primary Over-Voltage
RWD063	557	'7877694'/_/670201042'		0.37	1.63	3.33	0.49	0.1	2.14	1.37 No	0.1 Element Fault
RWD081	0	'RWD081'/_/9460402'		10	10	10	1.22	10	10	10 No	1.22 Thermal Discharging
RWD081	1	'9460385'/_/9460402'		10	10	10	1.22	10	10	6.08 No	1.22 Thermal Discharging
RWD081	2	'9460365'/_/9460382'		10	10	10	1.22	10	10	6.08 No	1.22 Thermal Discharging
RWD081	3	'9460285'/_/9460362'		10	10	10	1.22	10	10	6.08 No	1.22 Thermal Discharging
RWD081	4	'7880034'/_/9460282'		10	10	10	1.22	10	10	6.08 No	1.22 Thermal Discharging
RWD081	5	'7568337'/_/7880031'		10	10	10	1.22	10	10	6.08 No	1.22 Thermal Discharging
RWD081	6	'7568336'/_/7568334'		10	10	10	1.22	10	10	6.08 No	1.22 Thermal Discharging
RWD081	7	'7790205'/_/7790203'		10	10	10	1.22	10	10	6.08 No	1.22 Thermal Discharging
RWD081	8	'8281861'/_/9226056_2'		10	10	10	1.22	10	10	6.08 No	1.22 Thermal Discharging
RWD081	9	'4632428'/_/9226056_1'		10	10	10	1.22	10	10	6.08 No	1.22 Thermal Discharging
RWD081	10	'43550422'/_/43550424'		10	10	10	1.22	10	10	6.08 No	1.22 Thermal Discharging
RWD081	11	'4620619'/_/4632425'		10	10	10	1.22	10	10	6.08 No	1.22 Thermal Discharging
RWD081	12	'4620602'/_/4620616'		10	10	10	1.22	10	10	6.08 No	1.22 Thermal Discharging
RWD081	13	'4620582'/_/4620599'		10	10	10	1.22	10	10	6.08 No	1.22 Thermal Discharging
RWD081	14	'4620581'/_/4620579'		10	10	10	1.22	10	10	6.08 No	1.22 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RWD081	15	'43549379_/_43549381'		10	10	10	1.22	10	10	6.08 No	1.22 Thermal Discharging
RWD081	16	'393685780_/_4622808_2'		3.33	3.33	3.33	0.41	1.2	3.33	2.03 No	0.41 Thermal Discharging
RWD081	17	'4630304_/_4630760'		10	10	10	1.22	10	10	6.08 No	1.22 Thermal Discharging
RWD081	18	'4630729_/_4630743'		10	10	10	1.22	10	10	6.08 No	1.22 Thermal Discharging
RWD081	19	'4630303_/_43549370_2'		3.33	3.33	3.33	0.41	1.1	3.33	2.03 No	0.41 Thermal Discharging
RWD081	20	'414460815_/_4630726'		10	10	10	1.22	10	10	6.08 No	1.22 Thermal Discharging
RWD081	21	'414460837_/_414460817_1'		10	10	10	1.22	10	10	6.08 No	1.22 Thermal Discharging
RWD081	22	'414460789_/_414460817_2'		10	10	10	1.22	10	10	6.08 No	1.22 Thermal Discharging
RWD081	23	'414460844_/_4630284_1'		10	10	10	1.22	3.3	10	6.08 No	1.22 Thermal Discharging
RWD081	24	'4630916_/_4630930'		10	10	10	1.22	10	10	6.08 No	1.22 Thermal Discharging
RWD081	25	'4622811_/_4622808_1'		3.33	3.33	3.33	0.41	0.5	3.33	2.03 No	0.41 Thermal Discharging
RWD081	26	'157018754_/_4630913_2'		10	10	10	1.22	10	10	6.08 No	1.22 Thermal Discharging
RWD081	27	'43549464_/_4630913_1'		10	10	10	1.22	10	10	6.08 No	1.22 Thermal Discharging
RWD081	28	'43549403_/_43549405'		6.67	6.67	6.67	0.81	2.6	6.67	4.05 No	0.81 Thermal Discharging
RWD081	29	'4630882_/_4630896'		10	10	10	1.22	10	10	6.08 No	1.22 Thermal Discharging
RWD081	30	'4630286_/_4630284_2'		10	10	10	1.22	3.3	10	6.08 No	1.22 Thermal Discharging
RWD081	31	'4630864_/_4630879'		10	10	10	1.22	10	10	6.08 No	1.22 Thermal Discharging
RWD081	32	'7332489_/_117927001_1'		10	10	10	1.22	1.4	10	6.08 No	1.22 Thermal Discharging
RWD081	33	'4630424_/_4630862'		10	10	10	1.22	10	10	6.08 No	1.22 Thermal Discharging
RWD081	34	'43549392_/_4622834'		3.33	3.33	3.33	0.41	0.5	3.33	2.03 No	0.41 Thermal Discharging
RWD081	35	'43549440_/_4630845'		10	10	10	1.22	10	10	6.08 No	1.22 Thermal Discharging
RWD081	36	'117926995_/_117927001_2'		10	10	10	1.22	1.4	10	6.08 No	1.22 Thermal Discharging
RWD081	37	'4630368_/_4630421_2'		3.33	3.33	3.33	0.41	1.1	3.33	2.03 No	0.41 Thermal Discharging
RWD081	38	'117927054_/_117927065'		10	10	10	1.22	1.4	10	6.08 No	1.22 Thermal Discharging
RWD081	39	'43549368_/_43549370_1'		3.33	3.33	3.33	0.41	0.5	3.33	2.03 No	0.41 Thermal Discharging
RWD081	40	'4630814_/_4630828'		10	10	10	1.22	10	10	6.08 No	1.22 Thermal Discharging
RWD081	41	'4630797_/_4630811'		10	10	10	1.22	10	10	6.08 No	1.22 Thermal Discharging
RWD081	42	'43549427_/_4630794'		10	10	10	1.22	10	10	6.08 No	1.22 Thermal Discharging
RWD081	43	'4630779_/_4630777'		10	10	10	1.22	10	10	6.08 No	1.22 Thermal Discharging
RWD081	44	'43549512_/_43549514'		10	10	10	1.22	3.3	10	6.08 No	1.22 Thermal Discharging
RWD081	45	'4630369_/_4630421_1'		3.33	3.33	3.33	0.41	0.5	3.33	2.03 No	0.41 Thermal Discharging
RWD081	46	'4622824_/_43549394'		3.33	3.33	3.33	0.41	0.5	3.33	2.03 No	0.41 Thermal Discharging
RWD081	47	'4629726_/_4630950'		10	10	10	1.22	10	10	6.08 No	1.22 Thermal Discharging
RWD081	48	'4629696_/_4630706'		10	10	10	1.22	10	10	6.08 No	1.22 Thermal Discharging
RWD081	49	'4632247_/_4632245'		10	10	10	1.22	10	10	6.08 No	1.22 Thermal Discharging
RWD081	50	'4628597_/_4632265'		10	10	10	1.22	10	10	6.08 No	1.22 Thermal Discharging
RWD081	51	'4630316_/_4630314'		3.33	3.33	3.33	0.41	0.5	3.33	2.03 No	0.41 Thermal Discharging
RWD081	52	'4628580_/_4628594'		10	10	10	1.22	10	10	6.08 No	1.22 Thermal Discharging
RWD081	53	'157371623_/_157371625'		10	10	10	1.22	10	10	6.08 No	1.22 Thermal Discharging
RWD081	54	'4628563_/_4628577'		10	10	10	1.22	10	10	6.08 No	1.22 Thermal Discharging
RWD081	55	'4630502_/_4630500'		10	10	10	1.22	3.3	10	6.08 No	1.22 Thermal Discharging
RWD081	56	'4628546_/_4628560'		10	10	10	1.22	10	10	6.08 No	1.22 Thermal Discharging
RWD081	57	'51370345_/_4628543'		10	10	10	1.22	10	10	6.08 No	1.22 Thermal Discharging
RWD081	58	'4622746_/_4622821'		3.33	3.33	3.33	0.41	0.5	3.33	2.03 No	0.41 Thermal Discharging
RWD081	59	'4628495_/_4628509'		10	10	10	1.22	10	10	6.08 No	1.22 Thermal Discharging
RWD081	60	'4628478_/_4628492'		10	10	10	1.22	10	10	6.08 No	1.22 Thermal Discharging
RWD081	61	'4628461_/_4628475'		10	10	10	1.22	10	10	6.08 No	1.22 Thermal Discharging
RWD081	62	'4622849_/_4620677_1'		3.33	3.33	3.33	0.33	1.3	3.33	2.03 No	0.33 Thermal Discharging
RWD081	63	'4629697_/_4629694_1'		3.33	3.33	3.33	0.41	0.4	3.33	2.03 No	0.4 Element Fault
RWD081	64	'4628444_/_4628458'		10	10	10	1.22	10	10	6.08 No	1.22 Thermal Discharging
RWD081	65	'4620502_/_4620659'		6.67	6.67	6.67	0.65	2.6	6.67	4.05 No	0.65 Thermal Discharging
RWD081	66	'4630382_/_4630379'		3.33	3.33	3.33	0.41	0.5	3.33	2.03 No	0.41 Thermal Discharging
RWD081	67	'43549323_/_4629694_2'		3.33	3.33	3.33	0.41	0.4	3.33	2.03 No	0.4 Element Fault
RWD081	68	'4628427_/_4628441'		10	10	10	1.22	10	10	6.08 No	1.22 Thermal Discharging
RWD081	69	'43549778_/_4630340'		3.33	3.33	3.33	0.41	0.5	3.33	2.03 No	0.41 Thermal Discharging
RWD081	70	'4628410_/_4628424'		10	10	10	1.22	10	10	6.08 No	1.22 Thermal Discharging
RWD081	71	'4628409_/_4628407'		10	10	10	1.22	10	10	6.08 No	1.22 Thermal Discharging
RWD081	72	'4628630_/_4628645'		10	10	10	1.22	10	10	6.08 No	1.22 Thermal Discharging
RWD081	73	'43550993_/_4628787'		10	10	10	1.22	10	10	6.08 No	1.22 Thermal Discharging
RWD081	74	'4628735_/_4628804'		10	10	10	1.22	10	10	6.08 No	1.22 Thermal Discharging
RWD081	75	'414460889_/_4622847_1'		3.33	3.33	3.33	0.41	0.6	3.33	2.03 No	0.41 Thermal Discharging
RWD081	76	'4628665_/_4628733'		10	10	10	1.22	10	10	6.08 No	1.22 Thermal Discharging
RWD081	77	'4628664_/_4628662'		10	10	10	1.22	10	10	6.08 No	1.22 Thermal Discharging
RWD081	78	'7647040_/_8911037_1'		10	10	10	1.22	1.4	10	6.08 No	1.22 Thermal Discharging
RWD081	79	'4630690_/_4630688'		6.67	6.67	6.67	0.81	1.4	6.67	4.05 No	0.81 Thermal Discharging
RWD081	80	'4630539_/_4630537'		10	10	10	1.22	3.3	10	6.08 No	1.22 Thermal Discharging
RWD081	81	'4632222_/_4632219'		3.33	3.33	3.33	0.41	0.5	3.33	2.03 No	0.41 Thermal Discharging
RWD081	82	'4621023_/_4622743'		3.33	3.33	3.33	0.41	0.5	3.33	2.03 No	0.41 Thermal Discharging
RWD081	83	'4628681_/_4628679'		10	10	10	1.22	10	10	6.08 No	1.22 Thermal Discharging
RWD081	84	'456469817_/_9539234_1'		3.33	3.33	3.33	0.41	0.4	3.33	2.03 No	0.4 Element Fault
RWD081	85	'4630356_/_43549780'		3.33	3.33	3.33	0.41	0.5	3.33	2.03 No	0.41 Thermal Discharging
RWD081	86	'43549789_/_4620677_2'		3.33	3.33	3.33	0.33	1.3	3.33	2.03 No	0.33 Thermal Discharging
RWD081	87	'8911040_/_8911037_2'		10	10	10	1.22	1.4	10	6.08 No	1.22 Thermal Discharging
RWD081	88	'4628698_/_4628713'		10	10	10	1.22	10	10	6.08 No	1.22 Thermal Discharging
RWD081	89	'8281681_/_9225836_1'		10	10	10	1.22	1.4	10	6.08 No	1.22 Thermal Discharging
RWD081	90	'4628613_/_4628696'		10	10	10	1.22	10	10	6.08 No	1.22 Thermal Discharging
RWD081	91	'4620487_/_4620499'		6.67	6.67	6.67	0.65	2.6	6.67	4.05 No	0.65 Thermal Discharging
RWD081	92	'256470337_/_43549767_2'		10	10	10	1.22	3.3	10	6.08 No	1.22 Thermal Discharging
RWD081	93	'4628324_/_4628611'		10	10	10	1.22	10	10	6.08 No	1.22 Thermal Discharging
RWD081	94	'4630999_/_4630996'		3.33	3.33	3.33	0.41	0.5	3.33	2.03 No	0.41 Thermal Discharging
RWD081	95	'4629198_/_4632282'		6.67	6.67	6.67	0.81	1.4	6.67	4.05 No	0.81 Thermal Discharging
RWD081	96	'43549765_/_43549767_1'		10	10	10	0.13	3.3	10	8.25 No	0.13 Thermal Discharging
RWD081	97	'4628325_/_4628322'		10	10	10	1.22	10	10	6.08 No	1.22 Thermal Discharging
RWD081	98	'43546686_/_4628339'		10	10	10	1.22	10	10	6.08 No	1.22 Thermal Discharging
RWD081	99	'4628359_/_43546688'		10	10	10	1.22	10	10	6.08 No	1.22 Thermal Discharging
RWD081	100	'7332346_/_103992116_1'		3.33	3.33	3.33	0.41	0.4	3.33	2.03 No	0.4 Element Fault
RWD081	101	'7135606_/_4628373_1'		10	10	10	1.22	10	10	6.08 No	1.22 Thermal Discharging
RWD081	102	'4628376_/_4628373_2'		10	10	10	1.22	10	10	6.08 No	1.22 Thermal Discharging
RWD081	103	'4628393_/_4628390'		10	10	10	1.22	10	10	6.08 No	1.22 Thermal Discharging
RWD081	104	'43550512_/_43550514'		3.33	3.33	3.33	0.41	0.5	3.33	2.03 No	0.41 Thermal Discharging
RWD081	105	'4630397_/_4632232'		3.33	3.33	3.33	0.41	0.5	3.33	2.03 No	0.41 Thermal Discharging
RWD081	106	'4629713_/_43549325'		3.33	3.33	3.33	0.41	0.4	3.33	2.03 No	0.4 Element Fault
RWD081	107	'8281661_/_8281658'		10	10	10	1.22	10	10	6.08 No	1.22 Thermal Discharging
RWD081	108	'9225839_/_9225836_2'		10	10	10	1.22	1.4	10	6.08 No	1.22 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RWD081	109	'4631075_/_4631072'		3.33	3.33	3.33	0.41	0.5	3.33	2.03 No	0.41 Thermal Discharging
RWD081	110	'4629725_/_4629723_2'		3.33	3.33	3.33	0.41	1.8	3.33	2.03 No	0.41 Thermal Discharging
RWD081	111	'4620472_/_4620484'		6.67	6.67	6.67	0.65	2.6	6.67	4.05 No	0.65 Thermal Discharging
RWD081	112	'9539237_/_9539234_2'		3.33	3.33	3.33	0.41	0.4	3.33	2.03 No	0.4 Element Fault
RWD081	113	'4629741_/_4629723_1'		3.33	3.33	3.33	0.41	0.7	3.33	2.03 No	0.41 Thermal Discharging
RWD081	114	'8911060_/_9225816'		10	10	10	1.22	10	10	6.08 No	1.22 Thermal Discharging
RWD081	115	'4629755_/_4629752_1'		3.33	3.33	3.33	0.41	1.1	3.33	2.03 No	0.41 Thermal Discharging
RWD081	116	'44057437_/_7135604'		10	10	10	1.22	4.5	10	6.08 No	1.22 Thermal Discharging
RWD081	117	'7484706_/_7484704_2'		10	10	10	1.22	4.5	10	6.08 No	1.22 Thermal Discharging
RWD081	118	'4628288_/_8911057'		10	10	10	1.22	10	10	6.08 No	1.22 Thermal Discharging
RWD081	119	'43549415_/_43549417'		6.67	6.67	6.67	0.81	1.4	6.67	4.05 No	0.81 Thermal Discharging
RWD081	120	'395299576_/_395299665'		10	10	10	1.22	10	10	6.08 No	1.22 Thermal Discharging
RWD081	121	'103992110_/_103992116_2'		3.33	3.33	3.33	0.41	0.4	3.33	2.03 No	0.4 Element Fault
RWD081	122	'4630483_/_123454555'		3.33	3.33	3.33	0.04	1.1	3.33	2.75 No	0.04 Thermal Discharging
RWD081	123	'43549453_/_4630395'		3.33	3.33	3.33	0.41	0.5	3.33	2.03 No	0.41 Thermal Discharging
RWD081	124	'4621009_/_4621007'		3.33	3.33	3.33	0.41	0.5	3.33	2.03 No	0.41 Thermal Discharging
RWD081	125	'7484707_/_7484704_1'		10	10	10	1.22	1.4	10	6.08 No	1.22 Thermal Discharging
RWD081	126	'4620457_/_4620469'		6.13	6.67	6.67	0.65	2.6	6.67	4.05 No	0.65 Thermal Discharging
RWD081	127	'4629165_/_4629180'		5.8	6.67	6.67	0.81	1.4	6.67	4.05 No	0.81 Thermal Discharging
RWD081	128	'8591567_/_9225936_1'		2.67	3.33	3.33	0.33	0.2	3.33	2.03 No	0.2 Element Fault
RWD081	129	'43549499_/_43549501'		2.83	3.33	3.33	0.04	1.1	3.33	2.75 No	0.04 Thermal Discharging
RWD081	130	'4620456_/_4620454'		5	6.67	6.67	0.65	2.6	6.67	4.05 No	0.65 Thermal Discharging
RWD081	131	'9225803_/_103992144'		3.33	3.33	3.33	0.41	0.4	3.33	2.03 No	0.4 Element Fault
RWD081	132	'43549458_/_43549455'		3.33	3.33	3.33	0.41	0.5	3.33	2.03 No	0.41 Thermal Discharging
RWD081	133	'4622720_/_4622730'		2.7	3.33	3.33	0.41	0.5	3.33	2.03 No	0.41 Thermal Discharging
RWD081	134	'433557327_/_42285839_2'		3.33	3.33	3.33	0.41	0.7	3.33	2.03 No	0.41 Thermal Discharging
RWD081	135	'9225939_/_9225936_2'		2.37	3.33	3.33	0.33	0.2	3.33	2.03 No	0.2 Element Fault
RWD081	136	'43549754_/_43549756'		2.5	3.33	3.33	0.04	1.1	3.33	2.75 No	0.04 Thermal Discharging
RWD081	137	'4620317_/_4629162'		3.93	6.67	6.67	0.81	1.4	6.67	4.05 No	0.81 Thermal Discharging
RWD081	138	'4622719_/_4622717'		2.3	3.33	3.33	0.41	0.5	3.33	2.03 No	0.41 Thermal Discharging
RWD081	139	'43550397_/_4620862'		4.2	6.67	6.67	0.65	2.6	6.67	4.05 No	0.65 Thermal Discharging
RWD081	140	'4630973_/_4631012'		2.2	3.33	3.33	0.04	1.1	3.33	2.75 No	0.04 Thermal Discharging
RWD081	141	'4630450_/_4630460'		2.23	3.33	3.33	0.04	1.1	3.33	2.75 No	0.04 Thermal Discharging
RWD081	142	'4629567_/_4629564'		2.17	3.33	3.33	0.41	0.5	3.33	2.03 No	0.41 Thermal Discharging
RWD081	143	'4632001_/_4632011'		2.17	3.33	3.33	0.04	1.1	3.33	2.75 No	0.04 Thermal Discharging
RWD081	144	'4620301_/_4620314'		3.13	6.67	6.67	0.81	1.4	6.67	4.05 No	0.81 Thermal Discharging
RWD081	145	'43550501_/_43550503'		2	3.33	3.33	0.41	0.5	3.33	2.03 No	0.41 Thermal Discharging
RWD081	146	'4630972_/_4630970'		1.93	3.33	3.33	0.04	1.1	3.33	2.75 No	0.04 Thermal Discharging
RWD081	147	'4631521_/_4631519'		2	3.33	3.33	0.04	1.1	3.33	2.75 No	0.04 Thermal Discharging
RWD081	148	'4631509_/_4631998'		1.9	3.33	3.33	0.04	0.1	3.33	2.75 No	0.04 Thermal Discharging
RWD081	149	'8911080_/_42285839_1'		3.33	3.33	3.33	0.41	0.5	3.33	2.03 No	0.41 Thermal Discharging
RWD081	150	'4630437_/_4630447'		1.83	3.33	3.33	0.04	1.1	3.33	2.75 No	0.04 Thermal Discharging
RWD081	151	'43550490_/_4620991'		1.77	3.33	3.33	0.33	1.1	3.33	2.03 No	0.33 Thermal Discharging
RWD081	152	'4620442_/_4620847'		3.53	6.67	6.67	0.65	2.6	6.67	4.05 No	0.65 Thermal Discharging
RWD081	153	'4620300_/_4620298'		2.73	6.67	6.67	0.81	1.4	6.67	4.05 No	0.81 Thermal Discharging
RWD081	154	'4622707_/_4629538'		1.77	3.33	3.33	0.41	0.5	3.33	2.03 No	0.41 Thermal Discharging
RWD081	155	'43550067_/_4631506'		1.73	3.33	3.33	0.04	0.1	3.33	2.75 No	0.04 Thermal Discharging
RWD081	156	'43550078_/_4631866'		1.77	3.33	3.33	0.04	1.1	3.33	2.75 No	0.04 Thermal Discharging
RWD081	157	'4630986_/_4630983'		1.67	3.33	3.33	0.04	1.1	3.33	2.75 No	0.04 Thermal Discharging
RWD081	158	'4620955_/_4622704'		1.63	3.33	3.33	0.41	0.5	3.33	2.03 No	0.41 Thermal Discharging
RWD081	159	'4630196_/_4630434'		1.6	3.33	3.33	0.04	1.1	3.33	2.75 No	0.04 Thermal Discharging
RWD081	160	'43550169_/_4631671'		1.6	3.33	3.33	0.04	1.1	3.33	2.75 No	0.04 Thermal Discharging
RWD081	161	'43550495_/_43550492'		1.53	3.33	3.33	0.33	1.1	3.33	2.03 No	0.33 Thermal Discharging
RWD081	162	'4620441_/_4620439'		3.07	6.67	6.67	0.65	2.5	6.67	4.05 No	0.65 Thermal Discharging
RWD081	163	'4620348_/_4620358_1'		2.1	3.33	3.33	0.41	0.3	3.33	2.03 No	0.3 Element Fault
RWD081	164	'4631126_/_43550080'		1.6	3.33	3.33	0.04	1.1	3.33	2.75 No	0.04 Thermal Discharging
RWD081	165	'43550055_/_43550057'		1.47	3.33	3.33	0.04	0.1	3.33	2.75 No	0.04 Thermal Discharging
RWD081	166	'4620361_/_4620358_2'		1.9	3.33	3.33	0.41	0.3	3.33	2.03 No	0.3 Element Fault
RWD081	167	'43550268_/_4631972'		1.47	3.33	3.33	0.04	1.1	3.33	2.75 No	0.04 Thermal Discharging
RWD081	168	'4630195_/_4630193'		1.4	3.33	3.33	0.04	1.1	3.33	2.75 No	0.04 Thermal Discharging
RWD081	169	'4630124_/_4631124'		1.5	3.33	3.33	0.04	1.1	3.33	2.75 No	0.04 Thermal Discharging
RWD081	170	'43550468_/_43550470'		1.43	3.33	3.33	0.41	0.5	3.33	2.03 No	0.41 Thermal Discharging
RWD081	171	'4629097_/_4629094'		1.7	3.33	3.33	0.41	0.3	3.33	2.03 No	0.3 Element Fault
RWD081	172	'43550174_/_43550171'		1.37	3.33	3.33	0.04	1.1	3.33	2.75 No	0.04 Thermal Discharging
RWD081	173	'7966244_/_533919232'		3.33	3.33	3.33	0.41	0.5	3.33	2.03 No	0.41 Thermal Discharging
RWD081	174	'43550385_/_43550387'		2.67	6.67	6.67	0.65	2.5	6.67	4.05 No	0.65 Thermal Discharging
RWD081	175	'43550114_/_4631645'		1.33	3.33	3.33	0.04	1.1	3.33	2.75 No	0.04 Thermal Discharging
RWD081	176	'4630082_/_43550270'		1.3	3.33	3.33	0.04	1.1	3.33	2.75 No	0.04 Thermal Discharging
RWD081	177	'43550090_/_4630122'		1.4	3.33	3.33	0.04	1.1	3.33	2.75 No	0.04 Thermal Discharging
RWD081	178	'4631495_/_4631493'		1.3	3.33	3.33	0.04	0.1	3.33	2.75 No	0.04 Thermal Discharging
RWD081	179	'4620941_/_4620939'		1.33	3.33	3.33	0.41	0.5	3.33	2.03 No	0.41 Thermal Discharging
RWD081	180	'4629110_/_4629107'		1.43	3.33	3.33	0.41	0.3	3.33	2.03 No	0.3 Element Fault
RWD081	181	'503146195_/_503145894_1'		1.37	3.33	3.33	0.33	0.3	3.33	2.03 No	0.3 Element Fault
RWD081	182	'4630083_/_4630080'		1.27	3.33	3.33	0.04	1.1	3.33	2.75 No	0.04 Thermal Discharging
RWD081	183	'4620373_/_4620384_2'		1.33	3.33	3.33	0.41	0.7	3.33	2.03 No	0.41 Thermal Discharging
RWD081	184	'4630125_/_43550092'		1.33	3.33	3.33	0.04	1.1	3.33	2.75 No	0.04 Thermal Discharging
RWD081	185	'4620805_/_4620817'		2.47	6.67	6.67	0.65	2.5	6.67	4.05 No	0.65 Thermal Discharging
RWD081	186	'4622681_/_4622691'		1.23	3.33	3.33	0.41	0.5	3.33	2.03 No	0.41 Thermal Discharging
RWD081	187	'43550102_/_4631540'		1.3	3.33	3.33	0.04	1.1	3.33	2.75 No	0.04 Thermal Discharging
RWD081	188	'4630099_/_4630096'		1.2	3.33	3.33	0.04	1.1	3.33	2.75 No	0.04 Thermal Discharging
RWD081	189	'4630183_/_4631632'		1.17	3.33	3.33	0.04	1.1	3.33	2.75 No	0.04 Thermal Discharging
RWD081	190	'43549525_/_4629120'		1.27	3.33	3.33	0.41	0.3	3.33	2.03 No	0.3 Element Fault
RWD081	191	'7966228_/_455564391'		3.33	3.33	3.33	0.41	0.5	3.33	2.03 No	0.41 Thermal Discharging
RWD081	192	'4630139_/_43550104'		1.23	3.33	3.33	0.04	1.1	3.33	2.75 No	0.04 Thermal Discharging
RWD081	193	'4620334_/_4620332'		1.5	3.33	3.33	0.41	0.7	3.33	2.03 No	0.41 Thermal Discharging
RWD081	194	'4620386_/_4620384_1'		1.2	3.33	3.33	0.41	0.3	3.33	2.03 No	0.3 Element Fault
RWD081	195	'4630112_/_4630109'		1.13	3.33	3.33	0.04	1.1	3.33	2.75 No	0.04 Thermal Discharging
RWD081	196	'4620929_/_4622678'		1.17	3.33	3.33	0.41	0.5	3.33	2.03 No	0.41 Thermal Discharging
RWD081	197	'43550373_/_43550375'		2.27	6.67	6.67	0.65	2.5	6.67	4.05 No	0.65 Thermal Discharging
RWD081	198	'44759290_/_4629136'		1.13	3.33	3.33	0.41	0.3	3.33	2.03 No	0.3 Element Fault
RWD081	199	'8281781_/_503145894_2'		1.2	3.33	3.33	0.33	0.3	3.33	2.03 No	0.3 Element Fault
RWD081	200	'4622759_/_4622756'		1.1	3.33	3.33	0.41	0.5	3.33	2.03 No	0.41 Thermal Discharging
RWD081	201	'4630140_/_4630137'		1.13	3.33	3.33	0.04	1.1	3.33	2.75 No	0.04 Thermal Discharging
RWD081	202	'43550457_/_43550459'		1.13	3.33	3.33	0.41	0.5	3.33	2.03 No	0.41 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RWD081	203	'4630170_/_4630180'		1.07	3.33	3.33	0.04	1.1	3.33	2.75 No	0.04 Thermal Discharging
RWD081	204	'43550044_/_4631467'		1.03	3.33	3.33	0.04	1.1	3.33	2.75 No	0.04 Thermal Discharging
RWD081	205	'4629151_/_4629149'		1.5	3.33	3.33	0.41	0.7	3.33	2.03 No	0.41 Thermal Discharging
RWD081	206	'4620775_/_4620787'		2.13	6.67	6.67	0.65	2.5	6.67	4.05 No	0.65 Thermal Discharging
RWD081	207	'4630155_/_4630152'		1.1	3.33	3.33	0.04	1.1	3.33	2.75 No	0.04 Thermal Discharging
RWD081	208	'43549488_/_4628977'		1.03	3.33	3.33	0.41	0.3	3.33	2.03 No	0.3 Element Fault
RWD081	209	'4620517_/_4620913'		1.03	3.33	3.33	0.41	0.5	3.33	2.03 No	0.41 Thermal Discharging
RWD081	210	'4622772_/_4622769'		1.03	3.33	3.33	0.41	0.5	3.33	2.03 No	0.41 Thermal Discharging
RWD081	211	'4630169_/_4630167'		1	3.33	3.33	0.04	1.1	3.33	2.75 No	0.04 Thermal Discharging
RWD081	212	'43549999_/_4631570'		1.07	3.33	3.33	0.04	1.1	3.33	2.75 No	0.04 Thermal Discharging
RWD081	213	'43550049_/_43550046'		0.97	3.33	3.33	0.04	1.1	3.33	2.75 No	0.04 Thermal Discharging
RWD081	214	'8281812_/_503145885'		1.1	3.33	3.33	0.33	0.3	3.33	2.03 No	0.3 Element Fault
RWD081	215	'43550136_/_4629525'		1.53	3.33	3.33	0.41	0.7	3.33	2.03 No	0.41 Thermal Discharging
RWD081	216	'7966227_/_124449865'		2.43	3.33	3.33	0.41	0.5	3.33	2.03 No	0.41 Thermal Discharging
RWD081	217	'43550361_/_43550363'		2	6.67	6.67	0.65	2.5	6.67	4.05 No	0.65 Thermal Discharging
RWD081	218	'4620967_/_4622782'		1	3.33	3.33	0.41	0.5	3.33	2.03 No	0.41 Thermal Discharging
RWD081	219	'4628993_/_4628990'		0.93	3.33	3.33	0.41	0.3	3.33	2.03 No	0.3 Element Fault
RWD081	220	'4620426_/_4620514'		1	3.33	3.33	0.41	0.5	3.33	2.03 No	0.41 Thermal Discharging
RWD081	221	'4629953_/_4631588'		1.03	3.33	3.33	0.04	1.1	3.33	2.75 No	0.04 Thermal Discharging
RWD081	222	'43550125_/_4631619'		0.93	3.33	3.33	0.04	1.1	3.33	2.75 No	0.04 Thermal Discharging
RWD081	223	'43550479_/_4620965'		0.93	3.33	3.33	0.41	0.5	3.33	2.03 No	0.41 Thermal Discharging
RWD081	224	'4629239_/_4629512'		1.57	3.33	3.33	0.41	0.7	3.33	2.03 No	0.41 Thermal Discharging
RWD081	225	'4629965_/_4629963'		1.03	3.33	3.33	0.04	1.1	3.33	2.75 No	0.04 Thermal Discharging
RWD081	226	'4620759_/_4620757'		1.87	6.67	6.67	0.65	2.5	6.67	4.05 No	0.65 Thermal Discharging
RWD081	227	'43549477_/_4629016'		0.83	3.33	3.33	0.41	0.3	3.33	2.03 No	0.3 Element Fault
RWD081	228	'4629940_/_4629950'		0.97	3.33	3.33	0.04	1.1	3.33	2.75 No	0.04 Thermal Discharging
RWD081	229	'4620425_/_4620423'		0.93	3.33	3.33	0.41	0.5	3.33	2.03 No	0.41 Thermal Discharging
RWD081	230	'43550484_/_43550481'		0.9	3.33	3.33	0.41	0.5	3.33	2.03 No	0.41 Thermal Discharging
RWD081	231	'4630678_/_4631606'		0.87	3.33	3.33	0.04	1.1	3.33	2.75 No	0.04 Thermal Discharging
RWD081	232	'4631271_/_4631736_2'		0.87	3.33	3.33	0.04	1.1	3.33	2.75 No	0.04 Thermal Discharging
RWD081	233	'7647075_/_124449880'		1.9	3.33	3.33	0.41	0.5	3.33	2.03 No	0.41 Thermal Discharging
RWD081	234	'4629226_/_4629236'		1.57	3.33	3.33	0.41	0.7	3.33	2.03 No	0.41 Thermal Discharging
RWD081	235	'4629784_/_4629937'		0.93	3.33	3.33	0.04	1.1	3.33	2.75 No	0.04 Thermal Discharging
RWD081	236	'4629006_/_4629003'		0.8	3.33	3.33	0.41	0.3	3.33	2.03 No	0.3 Element Fault
RWD081	237	'8281813_/_503145876'		1	3.33	3.33	0.33	0.3	3.33	2.03 No	0.3 Element Fault
RWD081	238	'4631219_/_4631736_1'		0.83	3.33	3.33	0.04	0.1	3.33	2.75 No	0.04 Thermal Discharging
RWD081	239	'4629978_/_4630571'		1	3.33	3.33	0.04	1.1	3.33	2.75 No	0.04 Thermal Discharging
RWD081	240	'43550312_/_4620744'		0.87	3.33	3.33	0.41	0.5	3.33	2.03 No	0.41 Thermal Discharging
RWD081	241	'8591615_/_503145867'		0.97	3.33	3.33	0.33	0.3	3.33	2.03 No	0.3 Element Fault
RWD081	242	'4629225_/_4629223'		1.6	3.33	3.33	0.41	0.7	3.33	2.03 No	0.41 Thermal Discharging
RWD081	243	'4629671_/_4630675'		0.8	3.33	3.33	0.04	1.1	3.33	2.75 No	0.04 Thermal Discharging
RWD081	244	'4629783_/_4629781'		0.93	3.33	3.33	0.04	1.1	3.33	2.75 No	0.04 Thermal Discharging
RWD081	245	'4629032_/_4629029'		0.73	3.33	3.33	0.41	0.3	3.33	2.03 No	0.3 Element Fault
RWD081	246	'4629979_/_4629976'		0.93	3.33	3.33	0.04	1.1	3.33	2.75 No	0.04 Thermal Discharging
RWD081	247	'43549812_/_4631217'		0.77	3.33	3.33	0.04	0.1	3.33	2.75 No	0.04 Thermal Discharging
RWD081	248	'43550022_/_43550024'		0.93	3.33	3.33	0.04	1.1	3.33	2.75 No	0.04 Thermal Discharging
RWD081	249	'7647156_/_503145858'		0.9	3.33	3.33	0.33	0.3	3.33	2.03 No	0.3 Element Fault
RWD081	250	'4620648_/_4620731'		0.8	3.33	3.33	0.41	0.5	3.33	2.03 No	0.41 Thermal Discharging
RWD081	251	'43549834_/_4629340'		1.63	3.33	3.33	0.41	0.7	3.33	2.03 No	0.41 Thermal Discharging
RWD081	252	'4629045_/_4629042'		0.7	3.33	3.33	0.41	0.3	3.33	2.03 No	0.3 Element Fault
RWD081	253	'4629670_/_4629668'		0.77	3.33	3.33	0.04	1.1	3.33	2.75 No	0.04 Thermal Discharging
RWD081	254	'4629796_/_4629794'		0.93	3.33	3.33	0.04	1.1	3.33	2.75 No	0.04 Thermal Discharging
RWD081	255	'350175613_/_4629055_1'		0.7	3.33	3.33	0.41	0.3	3.33	2.03 No	0.3 Element Fault
RWD081	256	'7647155_/_448259500'		0.9	3.33	3.33	0.33	0.3	3.33	2.03 No	0.3 Element Fault
RWD081	257	'43550336_/_43550338'		1.67	6.67	6.67	0.65	2.5	6.67	4.05 No	0.65 Thermal Discharging
RWD081	258	'4629992_/_4629989'		0.9	3.33	3.33	0.04	1.1	3.33	2.75 No	0.04 Thermal Discharging
RWD081	259	'4629658_/_4629681'		0.73	3.33	3.33	0.04	1.1	3.33	2.75 No	0.04 Thermal Discharging
RWD081	260	'4629058_/_4629055_2'		0.67	3.33	3.33	0.41	0.3	3.33	2.03 No	0.3 Element Fault
RWD081	261	'4631232_/_43549814'		0.73	3.33	3.33	0.04	0.1	3.33	2.75 No	0.04 Thermal Discharging
RWD081	262	'7332442_/_7332471_1'		0.97	3.33	3.33	0.33	0.2	3.33	2.03 No	0.2 Element Fault
RWD081	263	'4620649_/_4620646'		0.77	3.33	3.33	0.41	0.5	3.33	2.03 No	0.41 Thermal Discharging
RWD081	264	'43550534_/_4632167'		0.87	3.33	3.33	0.04	1.1	3.33	2.75 No	0.04 Thermal Discharging
RWD081	265	'4628928_/_4629327'		1.7	3.33	3.33	0.41	0.7	3.33	2.03 No	0.41 Thermal Discharging
RWD081	266	'4631324_/_4631321'		0.9	3.33	3.33	0.04	1.1	3.33	2.75 No	0.04 Thermal Discharging
RWD081	267	'4631404_/_4631697'		0.87	3.33	3.33	0.04	1.1	3.33	2.75 No	0.04 Thermal Discharging
RWD081	268	'43549856_/_43549858'		0.73	3.33	3.33	0.04	1.1	3.33	2.75 No	0.04 Thermal Discharging
RWD081	269	'4629657_/_4629655'		0.7	3.33	3.33	0.04	1.1	3.33	2.75 No	0.04 Thermal Discharging
RWD081	270	'4631311_/_4631723_1'		0.7	3.33	3.33	0.04	1.1	3.33	2.75 No	0.04 Thermal Discharging
RWD081	271	'43549801_/_4631230'		0.7	3.33	3.33	0.04	0.1	3.33	2.75 No	0.04 Thermal Discharging
RWD081	272	'43550158_/_4629460'		0.63	3.33	3.33	0.41	0.3	3.33	2.03 No	0.3 Element Fault
RWD081	273	'43550290_/_4620692'		0.73	3.33	3.33	0.41	0.5	3.33	2.03 No	0.41 Thermal Discharging
RWD081	274	'4630004_/_43550536'		0.83	3.33	3.33	0.04	1.1	3.33	2.75 No	0.04 Thermal Discharging
RWD081	275	'4630031_/_4631402'		0.83	3.33	3.33	0.04	1.1	3.33	2.75 No	0.04 Thermal Discharging
RWD081	276	'43549911_/_4631165'		0.7	3.33	3.33	0.04	1.1	3.33	2.75 No	0.04 Thermal Discharging
RWD081	277	'8591598_/_435979146'		0.83	3.33	3.33	0.33	0.3	3.33	2.03 No	0.3 Element Fault
RWD081	278	'4620413_/_4628925'		1.73	3.33	3.33	0.41	0.7	3.33	2.03 No	0.41 Thermal Discharging
RWD081	279	'7332378_/_7332391_1'		1.73	3.33	3.33	0.41	0.6	3.33	2.03 No	0.41 Thermal Discharging
RWD081	280	'4620400_/_4620397_2'		1.73	3.33	3.33	0.41	0.7	3.33	2.03 No	0.41 Thermal Discharging
RWD081	281	'43549988_/_43549990'		0.87	3.33	3.33	0.04	1.1	3.33	2.75 No	0.04 Thermal Discharging
RWD081	282	'4631180_/_4631178'		0.67	3.33	3.33	0.04	1.1	3.33	2.75 No	0.04 Thermal Discharging
RWD081	283	'7647076_/_454643638'		1.33	3.33	3.33	0.41	0.5	3.33	2.03 No	0.41 Thermal Discharging
RWD081	284	'43549955_/_43549803'		0.67	3.33	3.33	0.04	0.1	3.33	2.75 No	0.04 Thermal Discharging
RWD081	285	'4630018_/_4630028'		0.8	3.33	3.33	0.04	1.1	3.33	2.75 No	0.04 Thermal Discharging
RWD081	286	'43550349_/_43550351'		1.47	6.67	6.67	0.65	2.5	6.67	4.05 No	0.65 Thermal Discharging
RWD081	287	'4630005_/_4630002'		0.77	3.33	3.33	0.04	1.1	3.33	2.75 No	0.04 Thermal Discharging
RWD081	288	'4629070_/_43550160'		0.6	3.33	3.33	0.41	0.3	3.33	2.03 No	0.3 Element Fault
RWD081	289	'4620635_/_43550292'		0.7	3.33	3.33	0.41	0.5	3.33	2.03 No	0.41 Thermal Discharging
RWD081	290	'9225955_/_503145948'		0.67	2.9	3.33	0.33	0.3	3.33	2.03 No	0.3 Element Fault
RWD081	291	'4620399_/_4620397_1'		1.67	3.33	3.33	0.41	0.3	3.33	2.03 No	0.3 Element Fault
RWD081	292	'43549960_/_43549957'		0.67	3.33	3.33	0.04	0.1	3.33	2.75 No	0.04 Thermal Discharging
RWD081	293	'4628914_/_4628912'		1.67	3.33	3.33	0.41	0.7	3.33	2.03 No	0.41 Thermal Discharging
RWD081	294	'4629901_/_4631363'		0.8	3.33	3.33	0.04	1.1	3.33	2.75 No	0.04 Thermal Discharging
RWD081	295	'4631154_/_4631152'		0.63	3.33	3.33	0.04	1.1	3.33	2.75 No	0.04 Thermal Discharging
RWD081	296	'7332474_/_7332471_2'		0.97	3.33	3.33	0.33	0.2	3.33	2.03 No	0.2 Element Fault

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RWD081	297	'7332394_/7332391_2'	1.63	3.33	3.33	0.41	0.6	3.33	2.03 No	0.41	Thermal Discharging
RWD081	298	'43550545_/4632193'	0.73	3.33	3.33	0.04	1.1	3.33	2.75 No	0.04	Thermal Discharging
RWD081	299	'4630017_/4630015'	0.73	3.33	3.33	0.04	1.1	3.33	2.75 No	0.04	Thermal Discharging
RWD081	300	'4620636_/4620633'	0.67	3.33	3.33	0.41	0.5	3.33	2.03 No	0.41	Thermal Discharging
RWD081	301	'4629071_/4629068'	0.57	3.33	3.33	0.41	0.3	3.33	2.03 No	0.3	Element Fault
RWD081	302	'4628941_/4628951'	1.57	3.33	3.33	0.41	0.3	3.33	2.03 No	0.3	Element Fault
RWD081	303	'441631137_/441631139'	1.53	3.33	3.33	0.41	0.3	3.33	2.03 No	0.3	Element Fault
RWD081	304	'43550033_/4631415'	0.73	3.33	3.33	0.04	1.1	3.33	2.75 No	0.04	Thermal Discharging
RWD081	305	'441631234_/441631201_3'	1.53	3.33	3.33	0.41	0.3	3.33	2.03 No	0.3	Element Fault
RWD081	306	'43549845_/4629314'	1.53	3.33	3.33	0.41	0.7	3.33	2.03 No	0.41	Thermal Discharging
RWD081	307	'43550550_/43550547'	0.73	3.33	3.33	0.04	1.1	3.33	2.75 No	0.04	Thermal Discharging
RWD081	308	'4629900_/4629898'	0.77	3.33	3.33	0.04	1.1	3.33	2.75 No	0.04	Thermal Discharging
RWD081	309	'43550191_/43550193'	0.6	3.33	3.33	0.04	1.1	3.33	2.75 No	0.04	Thermal Discharging
RWD081	310	'4628967_/4628964'	1.5	3.33	3.33	0.41	0.3	3.33	2.03 No	0.3	Element Fault
RWD081	311	'43550011_/4631376'	0.77	3.33	3.33	0.04	1.1	3.33	2.75 No	0.04	Thermal Discharging
RWD081	312	'7966355_/503145939'	0.67	2.9	3.33	0.33	0.3	3.33	2.03 No	0.3	Element Fault
RWD081	313	'4629084_/4629081'	0.53	3.33	3.33	0.41	0.3	3.33	2.03 No	0.3	Element Fault
RWD081	314	'441631219_/441631201_2'	1.47	3.33	3.33	0.41	0.2	3.33	2.03 No	0.2	Element Fault
RWD081	315	'4628940_/441631201_1'	1.47	3.33	3.33	0.41	0.2	3.33	2.03 No	0.2	Element Fault
RWD081	316	'4631430_/4631428'	0.7	3.33	3.33	0.04	1.1	3.33	2.75 No	0.04	Thermal Discharging
RWD081	317	'43550301_/4620718'	0.63	3.33	3.33	0.41	0.5	3.33	2.03 No	0.41	Thermal Discharging
RWD081	318	'43550323_/43550325'	1.33	6	6.67	0.65	2.5	6.67	4.05 No	0.65	Thermal Discharging
RWD081	319	'43549823_/4629421'	1.43	3.33	3.33	0.41	0.3	3.33	2.03 No	0.3	Element Fault
RWD081	320	'4631194_/4631814'	0.6	3.33	3.33	0.04	1.1	3.33	2.75 No	0.04	Thermal Discharging
RWD081	321	'4629291_/4629301'	1.43	3.33	3.33	0.41	0.7	3.33	2.03 No	0.41	Thermal Discharging
RWD081	322	'455494840_/54881972'	1.13	3.33	3.33	0.41	0.5	3.33	2.03 No	0.41	Thermal Discharging
RWD081	323	'8911112_/8591580_2'	0.67	2.93	3.33	0.33	0.3	3.33	2.03 No	0.3	Element Fault
RWD081	324	'8591583_/8591580_1'	0.67	2.93	3.33	0.33	0.3	3.33	2.03 No	0.3	Element Fault
RWD081	325	'43549977_/4631334'	0.73	3.33	3.33	0.04	1.1	3.33	2.75 No	0.04	Thermal Discharging
RWD081	326	'43550147_/4629486'	0.5	3.33	3.33	0.41	0.3	3.33	2.03 No	0.3	Element Fault
RWD081	327	'4629823_/4631389'	0.73	3.33	3.33	0.04	1.1	3.33	2.75 No	0.04	Thermal Discharging
RWD081	328	'478660878_/478660859_1'	0.67	2.93	3.33	0.33	0.3	3.33	2.03 No	0.3	Element Fault
RWD081	329	'4620879_/4620877'	1.27	5.8	6.67	0.65	2.5	6.67	4.05 No	0.65	Thermal Discharging
RWD081	330	'455494824_/455564106'	1.1	3.33	3.33	0.41	0.5	3.33	2.03 No	0.41	Thermal Discharging
RWD081	331	'43550224_/4631920'	0.67	3.33	3.33	0.04	1.1	3.33	2.75 No	0.04	Thermal Discharging
RWD081	332	'43549900_/43549902'	1.37	3.33	3.33	0.41	0.2	3.33	2.03 No	0.2	Element Fault
RWD081	333	'8281797_/8281794'	0.67	2.93	3.33	0.33	0.3	3.33	2.03 No	0.3	Element Fault
RWD081	334	'79666324_/478660859_2'	0.67	2.93	3.33	0.33	0.3	3.33	2.03 No	0.3	Element Fault
RWD081	335	'44759304_/4629408'	1.37	3.33	3.33	0.41	0.3	3.33	2.03 No	0.3	Element Fault
RWD081	336	'4620721_/43550303'	0.6	3.33	3.33	0.41	0.5	3.33	2.03 No	0.41	Thermal Discharging
RWD081	337	'8281748_/8281746'	1.4	3.33	3.33	0.41	0.6	3.33	2.03 No	0.41	Thermal Discharging
RWD081	338	'65689788_/43550226_1'	0.67	3.33	3.33	0.04	0.3	3.33	2.75 No	0.04	Thermal Discharging
RWD081	339	'4629290_/4629288_2'	1.37	3.33	3.33	0.41	0.7	3.33	2.03 No	0.41	Thermal Discharging
RWD081	340	'4629822_/4629820'	0.7	3.33	3.33	0.04	1.1	3.33	2.75 No	0.04	Thermal Discharging
RWD081	341	'43549312_/4629288_1'	1.37	3.33	3.33	0.41	0.5	3.33	2.03 No	0.41	Thermal Discharging
RWD081	342	'4630070_/43550226_2'	0.67	3.33	3.33	0.04	0.3	3.33	2.75 No	0.04	Thermal Discharging
RWD081	343	'7647140_/7647137'	0.67	2.97	3.33	0.33	0.3	3.33	2.03 No	0.3	Element Fault
RWD081	344	'4629489_/43550149'	0.5	3.33	3.33	0.41	0.3	3.33	2.03 No	0.3	Element Fault
RWD081	345	'4629888_/4631347'	0.7	3.33	3.33	0.04	1.1	3.33	2.75 No	0.04	Thermal Discharging
RWD081	346	'43549922_/4631191'	0.57	3.33	3.33	0.04	1.1	3.33	2.75 No	0.04	Thermal Discharging
RWD081	347	'7332409_/9225872'	1.37	3.33	3.33	0.41	0.6	3.33	2.03 No	0.41	Thermal Discharging
RWD081	348	'4629836_/4629833'	0.7	3.33	3.33	0.04	1.1	3.33	2.75 No	0.04	Thermal Discharging
RWD081	349	'7647139_/7966337'	0.67	2.97	3.33	0.33	0.3	3.33	2.03 No	0.3	Element Fault
RWD081	350	'7966308_/478660890'	0.67	2.97	3.33	0.33	0.3	3.33	2.03 No	0.3	Element Fault
RWD081	351	'4630069_/4630067'	0.63	3.33	3.33	0.04	0.3	3.33	2.75 No	0.04	Thermal Discharging
RWD081	352	'45352426_/4629379'	1.3	3.33	3.33	0.41	0.2	3.33	2.03 No	0.2	Element Fault
RWD081	353	'7332458_/478660990'	0.67	2.97	3.33	0.33	0.3	3.33	2.03 No	0.3	Element Fault
RWD081	354	'4628889_/4629353'	1.3	3.33	3.33	0.41	0.5	3.33	2.03 No	0.41	Thermal Discharging
RWD081	355	'54882229_/54882259'	1.03	3.33	3.33	0.41	0.5	3.33	2.03 No	0.41	Thermal Discharging
RWD081	356	'7647188_/478660907'	0.67	2.97	3.33	0.33	0.3	3.33	2.03 No	0.3	Element Fault
RWD081	357	'7332457_/478660966'	0.67	2.97	3.33	0.33	0.3	3.33	2.03 No	0.3	Element Fault
RWD081	358	'7647187_/478660939'	0.67	2.97	3.33	0.33	0.3	3.33	2.03 No	0.3	Element Fault
RWD081	359	'4629501_/4629499'	0.47	3.33	3.33	0.41	0.3	3.33	2.03 No	0.3	Element Fault
RWD081	360	'4630664_/4630662'	0.67	3.33	3.33	0.04	1.1	3.33	2.75 No	0.04	Thermal Discharging
RWD081	361	'43550235_/4631946'	0.63	3.33	3.33	0.04	0.3	3.33	2.75 No	0.04	Thermal Discharging
RWD081	362	'4629914_/4629911'	0.7	3.33	3.33	0.04	1.1	3.33	2.75 No	0.04	Thermal Discharging
RWD081	363	'4629875_/4629885'	0.7	3.33	3.33	0.04	1.1	3.33	2.75 No	0.04	Thermal Discharging
RWD081	364	'4631088_/4631111'	0.63	3.33	3.33	0.04	0.3	3.33	2.75 No	0.04	Thermal Discharging
RWD081	365	'4631298_/4631295'	0.67	3.33	3.33	0.04	1.1	3.33	2.75 No	0.04	Thermal Discharging
RWD081	366	'4629645_/4631204'	0.53	3.2	3.33	0.04	1.1	3.33	2.75 No	0.04	Thermal Discharging
RWD081	367	'43550202_/4631840'	0.67	3.33	3.33	0.04	1.1	3.33	2.75 No	0.04	Thermal Discharging
RWD081	368	'4631087_/4631085'	0.63	3.33	3.33	0.04	0.3	3.33	2.75 No	0.04	Thermal Discharging
RWD081	369	'43549301_/4628886'	1.27	3.33	3.33	0.41	0.5	3.33	2.03 No	0.41	Thermal Discharging
RWD081	370	'4629927_/4629924'	0.67	3.33	3.33	0.04	1.1	3.33	2.75 No	0.04	Thermal Discharging
RWD081	371	'4631456_/43550237'	0.6	3.3	3.33	0.04	0.3	3.33	2.75 No	0.04	Thermal Discharging
RWD081	372	'4629849_/4629872'	0.67	3.3	3.33	0.04	1.1	3.33	2.75 No	0.04	Thermal Discharging
RWD081	373	'43550207_/43550204'	0.63	3.27	3.33	0.04	1.1	3.33	2.75 No	0.04	Thermal Discharging
RWD081	374	'43550257_/4632024'	0.6	3.27	3.33	0.04	0.3	3.33	2.75 No	0.04	Thermal Discharging
RWD081	375	'54882198_/54882236'	0.97	3.33	3.33	0.41	0.5	3.33	2.03 No	0.41	Thermal Discharging
RWD081	376	'4629644_/4629642'	0.5	3.07	3.33	0.04	1.1	3.33	2.75 No	0.04	Thermal Discharging
RWD081	377	'7332410_/7332407'	1.27	3.33	3.33	0.41	0.6	3.33	2.03 No	0.41	Thermal Discharging
RWD081	378	'4620261_/4628899'	1.2	3.33	3.33	0.41	0.5	3.31	2.03 No	0.41	Thermal Discharging
RWD081	379	'4620262_/4620259'	1.17	3.33	3.33	0.41	0.5	3.29	2.03 No	0.41	Thermal Discharging
RWD081	380	'43550246_/4631454'	0.6	3.17	3.33	0.04	0.3	3.33	2.75 No	0.04	Thermal Discharging
RWD081	381	'43550213_/4631894'	0.63	3.13	3.33	0.04	1.1	3.33	2.75 No	0.04	Thermal Discharging
RWD081	382	'4629848_/4629846'	0.63	3.13	3.33	0.04	1.1	3.32	2.75 No	0.04	Thermal Discharging
RWD081	383	'4630057_/4632037'	0.57	3.13	3.33	0.04	0.3	3.3	2.75 No	0.04	Thermal Discharging
RWD081	384	'4628863_/4628873'	1.17	3.33	3.33	0.41	0.5	3.25	2.03 No	0.41	Thermal Discharging
RWD081	385	'45054526_/4631441'	0.57	3.1	3.33	0.04	0.3	3.29	2.75 No	0.04	Thermal Discharging
RWD081	386	'4631141_/4631139'	0.5	2.93	3.33	0.04	1.1	3.3	2.75 No	0.04	Thermal Discharging
RWD081	387	'4620275_/4620272'	1.13	3.33	3.33	0.41	0.5	3.23	2.03 No	0.41	Thermal Discharging
RWD081	388	'54882167_/54882205'	0.93	3.33	3.33	0.41	0.5	3.23	2.03 No	0.41	Thermal Discharging
RWD081	389	'4629862_/4629859'	0.6	3.07	3.33	0.04	1.1	3.26	2.75 No	0.04	Thermal Discharging
RWD081	390	'4631884_/4631881'	0.6	3	3.33	0.04	1.1	3.23	2.75 No	0.04	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over- Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RWD081	391	'4628862_/_4628860'		1.1	3.33	3.33	0.41	0.5	3.17	2.03	No 0.41 Thermal Discharging
RWD081	392	'4631712_/_4631775'		0.6	3	3.33	0.04	1.1	3.21	2.75	No 0.41 Thermal Discharging
RWD081	393	'4630056_/_4630054'		0.57	3	3.33	0.04	0.3	3.21	2.75	No 0.04 Thermal Discharging
RWD081	394	'7647107_/_8591516'		1.17	3.33	3.33	0.41	0.6	3.15	2.03	No 0.41 Thermal Discharging
RWD081	395	'43550523_/_4620285'		1.07	3.33	3.33	0.41	0.5	3.13	2.03	No 0.41 Thermal Discharging
RWD081	396	'43549933_/_4631801'		0.47	2.8	3.33	0.04	1.1	3.19	2.75	No 0.04 Thermal Discharging
RWD081	397	'43550180_/_4631710'		0.6	2.9	3.33	0.04	1.1	3.16	2.75	No 0.04 Thermal Discharging
RWD081	398	'4631909_/_4631907'		0.6	2.9	3.33	0.04	1.1	3.14	2.75	No 0.04 Thermal Discharging
RWD081	399	'54882136_/_54882174'		0.87	3.23	3.33	0.41	0.5	3.11	2.03	No 0.41 Thermal Discharging
RWD081	400	'43549889_/_4629275'		1.07	3.33	3.33	0.41	0.5	3.08	2.03	No 0.41 Thermal Discharging
RWD081	401	'4630044_/_4632063'		0.53	2.9	3.33	0.04	0.3	3.13	2.75	No 0.04 Thermal Discharging
RWD081	402	'4630651_/_43550182'		0.57	2.87	3.33	0.04	1.1	3.11	2.75	No 0.04 Thermal Discharging
RWD081	403	'4630208_/_4631098'		0.53	2.87	3.33	0.04	0.3	3.1	2.75	No 0.04 Thermal Discharging
RWD081	404	'4620288_/_43550525'		1.03	3.27	3.33	0.41	0.5	3.04	2.03	No 0.41 Thermal Discharging
RWD081	405	'4629810_/_43549935'		0.47	2.7	3.33	0.04	1.1	3.09	2.75	No 0.04 Thermal Discharging
RWD081	406	'4628850_/_4629262'		1.03	3.2	3.33	0.41	0.5	3.01	2.03	No 0.41 Thermal Discharging
RWD081	407	'4630043_/_4630041'		0.53	2.77	3.33	0.04	0.3	3.05	2.75	No 0.04 Thermal Discharging
RWD081	408	'4630209_/_4630206'		0.5	2.77	3.33	0.04	0.3	3.05	2.75	No 0.04 Thermal Discharging
RWD081	409	'4632143_/_4632154'		0.5	2.77	3.33	0.04	0.3	3.04	2.75	No 0.04 Thermal Discharging
RWD081	410	'4630652_/_4630649'		0.57	2.77	3.33	0.04	1.1	3.04	2.75	No 0.04 Thermal Discharging
RWD081	411	'7647108_/_7647105'		1.07	3.03	3.33	0.41	0.6	2.99	2.03	No 0.41 Thermal Discharging
RWD081	412	'4629809_/_4629807'		0.43	2.6	3.33	0.04	1.1	3.02	2.75	No 0.04 Thermal Discharging
RWD081	413	'43550279_/_43550281'		0.5	2.7	3.33	0.04	0.3	3	2.75	No 0.04 Thermal Discharging
RWD081	414	'4622896_/_4622906'		0.67	2.43	3.33	0.33	1.25	3.02	2.03	No 0.33 Thermal Discharging
RWD081	415	'4628837_/_4628847'		1	3.1	3.33	0.41	0.5	2.95	2.03	No 0.41 Thermal Discharging
RWD081	416	'4630234_/_4632141'		0.5	2.7	3.33	0.04	0.3	2.98	2.75	No 0.04 Thermal Discharging
RWD081	417	'43549944_/_43549946'		0.53	2.67	3.33	0.04	1.1	2.96	2.75	No 0.04 Thermal Discharging
RWD081	418	'4630222_/_4630219'		0.5	2.67	3.33	0.04	0.3	2.96	2.75	No 0.04 Thermal Discharging
RWD081	419	'4632052_/_4632050'		0.5	2.63	3.33	0.04	0.3	2.94	2.75	No 0.04 Thermal Discharging
RWD081	420	'43549966_/_4631282'		0.43	2.53	3.33	0.04	1.1	2.95	2.75	No 0.04 Thermal Discharging
RWD081	421	'4630235_/_4630232'		0.5	2.6	3.33	0.04	0.3	2.92	2.75	No 0.04 Thermal Discharging
RWD081	422	'4628836_/_4628834'		0.93	2.97	3.33	0.41	0.5	2.87	2.03	No 0.41 Thermal Discharging
RWD081	423	'4622883_/_4622893'		0.67	2.33	3.33	0.33	1.25	2.93	2.03	No 0.33 Thermal Discharging
RWD081	424	'54882105_/_54882143'		0.77	2.83	3.33	0.41	0.5	2.88	2.03	No 0.41 Thermal Discharging
RWD081	425	'44663139_/_4631256'		0.53	2.6	3.33	0.04	1.1	2.9	2.75	No 0.04 Thermal Discharging
RWD081	426	'229700299_/_43549359_2'		0.67	2.33	3.33	0.33	1.25	2.92	2.03	No 0.33 Thermal Discharging
RWD081	427	'4629437_/_4629434'		0.93	2.87	3.33	0.41	0.5	2.83	2.03	No 0.41 Thermal Discharging
RWD081	428	'4630248_/_4630245'		0.47	2.53	3.33	0.04	0.3	2.86	2.75	No 0.04 Thermal Discharging
RWD081	429	'8281732_/_9225856'		1	2.77	3.33	0.41	0.6	2.83	2.03	No 0.41 Thermal Discharging
RWD081	430	'4630586_/_43549968'		0.4	2.43	3.33	0.04	1.1	2.87	2.75	No 0.04 Thermal Discharging
RWD081	431	'43549357_/_43549359_1'		0.67	2.27	3.33	0.33	0.6	2.85	2.03	No 0.33 Thermal Discharging
RWD081	432	'43549867_/_43549869'		0.9	2.77	3.33	0.41	0.5	2.76	2.03	No 0.41 Thermal Discharging
RWD081	433	'43550435_/_4632089'		0.47	2.47	3.33	0.04	0.3	2.79	2.75	No 0.04 Thermal Discharging
RWD081	434	'4630587_/_4630584'		0.4	2.37	3.33	0.04	1.1	2.8	2.75	No 0.04 Thermal Discharging
RWD081	435	'43549346_/_43549348'		0.67	2.2	3.33	0.33	0.6	2.79	2.03	No 0.33 Thermal Discharging
RWD081	436	'54882074_/_54882112'		0.73	2.6	3.33	0.41	0.5	2.74	2.03	No 0.41 Thermal Discharging
RWD081	437	'4630260_/_43550437'		0.43	2.4	3.33	0.04	0.3	2.73	2.75	No 0.04 Thermal Discharging
RWD081	438	'4628824_/_4629447'		0.87	2.67	3.33	0.41	0.5	2.69	2.03	No 0.41 Thermal Discharging
RWD081	439	'7647091_/_8281730'		0.93	2.53	3.33	0.41	0.6	2.69	2.03	No 0.41 Thermal Discharging
RWD081	440	'43549593_/_4630597'		0.37	2.27	3.33	0.04	1.1	2.71	2.75	No 0.04 Thermal Discharging
RWD081	441	'4620568_/_4620566'		0.67	2.1	3.33	0.33	0.6	2.7	2.03	No 0.33 Thermal Discharging
RWD081	442	'4630261_/_4630258'		0.43	2.3	3.33	0.04	0.3	2.67	2.75	No 0.04 Thermal Discharging
RWD081	443	'4628823_/_4628821'		0.83	2.57	3.33	0.41	0.5	2.63	2.03	No 0.41 Thermal Discharging
RWD081	444	'4630613_/_4630610'		0.37	2.23	3.33	0.04	1.1	2.67	2.75	No 0.04 Thermal Discharging
RWD081	445	'54882043_/_54882081'		0.7	2.43	3.33	0.41	0.5	2.63	2.03	No 0.41 Thermal Discharging
RWD081	446	'121744644_/_121744627_1'		0.37	2.2	3.33	0.04	0.1	2.65	2.75	No 0.04 Thermal Discharging
RWD081	447	'4622987_/_4622997'		0.67	2.07	3.33	0.33	0.6	2.64	2.03	No 0.33 Thermal Discharging
RWD081	448	'4629252_/_4629366'		0.8	2.5	3.33	0.41	0.5	2.59	2.03	No 0.41 Thermal Discharging
RWD081	449	'43551006_/_4632459'		0.43	2.27	3.33	0.04	0.3	2.62	2.75	No 0.04 Thermal Discharging
RWD081	450	'7332362_/_7332359'		0.87	2.37	3.33	0.41	0.6	2.57	2.03	No 0.41 Thermal Discharging
RWD081	451	'43549582_/_4630623'		0.37	2.17	3.33	0.04	1.1	2.6	2.75	No 0.04 Thermal Discharging
RWD081	452	'4622974_/_4622984'		0.67	2.03	3.33	0.33	0.6	2.61	2.03	No 0.33 Thermal Discharging
RWD081	453	'4630273_/_4632472'		0.4	2.2	3.33	0.04	0.3	2.57	2.75	No 0.04 Thermal Discharging
RWD081	454	'43549878_/_43549880'		0.8	2.43	3.33	0.41	0.5	2.54	2.03	No 0.41 Thermal Discharging
RWD081	455	'43549587_/_43549584'		0.37	2.13	3.33	0.04	1.1	2.58	2.75	No 0.04 Thermal Discharging
RWD081	456	'8591470_/_8591484'		0.87	2.3	3.33	0.41	0.6	2.53	2.03	No 0.41 Thermal Discharging
RWD081	457	'8281845_/_121744627_2'		0.37	2.1	3.33	0.04	0.1	2.56	2.75	No 0.04 Thermal Discharging
RWD081	458	'4622973_/_4622971'		0.67	2	3.33	0.33	0.6	2.57	2.03	No 0.33 Thermal Discharging
RWD081	459	'4622961_/_4623010'		0.67	1.97	3.33	0.33	0.6	2.56	2.03	No 0.33 Thermal Discharging
RWD081	460	'4620555_/_4623036'		0.67	1.97	3.33	0.33	0.6	2.55	2.03	No 0.33 Thermal Discharging
RWD081	461	'7647059_/_8591468'		0.83	2.27	3.33	0.41	0.6	2.51	2.03	No 0.41 Thermal Discharging
RWD081	462	'4630274_/_4630271'		0.4	2.17	3.33	0.04	0.3	2.53	2.75	No 0.04 Thermal Discharging
RWD081	463	'43549877_/_4629249'		0.77	2.37	3.33	0.41	0.5	2.5	2.03	No 0.41 Thermal Discharging
RWD081	464	'4623026_/_4623023'		0.67	1.93	3.33	0.33	0.6	2.52	2.03	No 0.33 Thermal Discharging
RWD081	465	'4622948_/_4622958'		0.67	1.93	3.33	0.33	0.6	2.52	2.03	No 0.33 Thermal Discharging
RWD081	466	'43550446_/_4632115'		0.4	2.1	3.33	0.04	0.3	2.49	2.75	No 0.04 Thermal Discharging
RWD081	467	'43549615_/_4620553'		0.67	1.93	3.33	0.33	0.6	2.5	2.03	No 0.33 Thermal Discharging
RWD081	468	'7647060_/_7647057'		0.83	2.2	3.33	0.41	0.6	2.45	2.03	No 0.41 Thermal Discharging
RWD081	469	'4622935_/_4622945'		0.67	1.9	3.33	0.33	0.6	2.47	2.03	No 0.33 Thermal Discharging
RWD081	470	'4620543_/_4620540'		0.67	1.9	3.33	0.33	0.6	2.46	2.03	No 0.33 Thermal Discharging
RWD081	471	'43550451_/_43550448'		0.4	2.07	3.33	0.04	0.3	2.44	2.75	No 0.04 Thermal Discharging
RWD081	472	'43549604_/_4622932'		0.67	1.87	3.33	0.33	0.6	2.42	2.03	No 0.33 Thermal Discharging
RWD081	473	'4623052_/_4623049'		0.67	1.83	3.33	0.33	0.6	2.41	2.03	No 0.33 Thermal Discharging
RWD081	474	'7966212_/_7966209'		0.77	2.03	3.33	0.41	0.6	2.33	2.03	No 0.41 Thermal Discharging
RWD081	475	'4622921_/_4622919'		0.67	1.8	3.33	0.33	0.6	2.36	2.03	No 0.33 Thermal Discharging
RWD081	476	'43549573_/_4623156'		0.67	1.8	3.33	0.33	0.6	2.35	2.03	No 0.33 Thermal Discharging
RWD081	477	'4623117_/_4623143'		0.63	1.77	3.33	0.33	0.6	2.31	2.03	No 0.33 Thermal Discharging
RWD081	478	'7966259_/_8591500'		0.73	1.97	3.33	0.41	0.6	2.27	2.03	No 0.41 Thermal Discharging
RWD081	479	'4620530_/_43549573'		0.67	1.73	3.33	0.33	0.6	2.29	2.03	No 0.33 Thermal Discharging
RWD081	480	'4623065_/_4623127'		0.63	1.73	3.33	0.33	0.6	2.28	2.03	No 0.33 Thermal Discharging
RWD081	481	'4629580_/_4629577'		0.63	1.7	3.33	0.33	0.6	2.25	2.03	No 0.33 Thermal Discharging
RWD081	482	'4623091_/_4623114'		0.63	1.7	3.33	0.33	0.6	2.25	2.03	No 0.33 Thermal Discharging
RWD081	483	'4623064_/_4623062'		0.63	1.7	3.33	0.33	0.6	2.22	2.03	No 0.33 Thermal Discharging
RWD081	484	'43549549_/_43549551'		0.6	1.67	3.33	0.33	0.6	2.21	2.03	No 0.33 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over- Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RWD081	485	'43550927_/_4629590'		0.63	1.67	3.33	0.33	0.6	2.21	2.03 No	0.33 Thermal Discharging
RWD081	486	'455494808_/_7966257'		0.7	1.83	3.33	0.41	0.6	2.16	2.03 No	0.41 Thermal Discharging
RWD081	487	'43549560_/_43549562'		0.6	1.63	3.33	0.33	0.6	2.18	2.03 No	0.33 Thermal Discharging
RWD081	488	'4623103_/_4623101'		0.6	1.63	3.33	0.33	0.6	2.18	2.03 No	0.33 Thermal Discharging
RWD081	489	'455494789_/_455494963'		0.7	1.83	3.33	0.41	0.6	2.15	2.03 No	0.41 Thermal Discharging
RWD081	490	'4623171_/_43550929'		0.63	1.63	3.33	0.33	0.6	2.16	2.03 No	0.33 Thermal Discharging
RWD081	491	'8911096_/_660059835_1'		0.63	1.63	3.33	0.33	0.2	2.16	2.03 No	0.2 Element Fault
RWD081	492	'4623172_/_4623169'		0.6	1.6	3.33	0.33	0.6	2.13	2.03 No	0.33 Thermal Discharging
RWD081	493	'8591550_/_660059835_2'		0.6	1.6	3.33	0.33	0.2	2.13	2.03 No	0.2 Element Fault
RWD081	494	'45352450_/_4623075'		0.6	1.6	3.33	0.33	0.6	2.12	2.03 No	0.33 Thermal Discharging
RWD081	495	'4629619_/_4629616'		0.6	1.57	3.33	0.33	0.6	2.1	2.03 No	0.33 Thermal Discharging
RWD081	496	'510340690_/_660059844'		0.6	1.57	3.33	0.33	0.2	2.1	2.03 No	0.2 Element Fault
RWD081	497	'54882012_/_54882019'		0.67	1.73	3.33	0.41	0.6	2.07	2.03 No	0.41 Thermal Discharging
RWD081	498	'60957650_/_54882050_1'		0.67	1.77	3.33	0.41	0.5	2.07	2.03 No	0.41 Thermal Discharging
RWD081	499	'4629632_/_4629629'		0.6	1.53	3.33	0.33	0.6	2.07	2.03 No	0.33 Thermal Discharging
RWD081	500	'7332425_/_660059853'		0.6	1.53	3.33	0.33	0.2	2.06	2.03 No	0.2 Element Fault
RWD081	501	'7332426_/_660059862'		0.57	1.47	3.33	0.33	0.2	1.97	2.03 No	0.2 Element Fault
RWD081	502	'7647171_/_660059871'		0.57	1.4	3.33	0.33	0.2	1.91	2.03 No	0.2 Element Fault
RWD081	503	'7647172_/_660059692'		0.53	1.37	3.33	0.33	0.2	1.87	2.03 No	0.2 Element Fault
RWD081	504	'7966275_/_660059763'		0.53	1.33	3.33	0.33	0.2	1.81	2.03 No	0.2 Element Fault
RWD081	505	'7966276_/_638411424'		0.5	1.27	3.33	0.33	0.2	1.75	2.03 No	0.2 Element Fault
RWD081	506	'8591535_/_660059778'		0.5	1.27	3.33	0.33	0.2	1.73	2.03 No	0.2 Element Fault
RWD081	507	'56144324_/_660059787'		0.5	1.23	3.33	0.33	0.2	1.7	2.03 No	0.2 Element Fault
RWD081	508	'56144356_/_660059796'		0.5	1.23	3.33	0.33	0.2	1.7	2.03 No	0.2 Element Fault
RWD081	509	'56144295_/_660059805'		0.5	1.23	3.33	0.33	0.2	1.7	2.03 No	0.2 Element Fault
RWD081	510	'7966292_/_660059814'		0.47	1.17	3.33	0.33	0.2	1.61	2.03 No	0.2 Element Fault
RWD082	0	'RWD082_/_9460422'		10	10	10	1.33	10	10	10 No	1.33 Thermal Discharging
RWD082	1	'7251639_/_9460422'		10	10	10	1.33	10	10	4.03 No	1.33 Thermal Discharging
RWD082	2	'7251638_/_7251636'		10	10	10	1.33	10	10	4.03 No	1.33 Thermal Discharging
RWD082	3	'7558604_/_8202051'		10	10	10	1.33	10	10	4.03 No	1.33 Thermal Discharging
RWD082	4	'7558603_/_7558601'		10	10	10	1.33	10	10	4.03 No	1.33 Thermal Discharging
RWD082	5	'39164404_/_8830562_1'		10	10	10	1.33	10	10	4.03 No	1.33 Thermal Discharging
RWD082	6	'3262095_/_8830562_2'		10	10	10	1.33	10	10	4.03 No	1.33 Thermal Discharging
RWD082	7	'43284797_/_3262110'		10	10	10	1.33	10	10	4.03 No	1.33 Thermal Discharging
RWD082	8	'43284810_/_3262093'		10	10	10	1.33	10	10	4.03 No	1.33 Thermal Discharging
RWD082	9	'3234629_/_3243429'		10	10	10	1.33	10	10	4.03 No	1.33 Thermal Discharging
RWD082	10	'3233802_/_3233800_1'		10	10	10	1.33	2.2	10	4.03 No	1.33 Thermal Discharging
RWD082	11	'3239809_/_3239807_2'		10	10	10	1.33	10	10	4.03 No	1.33 Thermal Discharging
RWD082	12	'43282655_/_3239807_1'		10	10	10	1.33	10	10	4.03 No	1.33 Thermal Discharging
RWD082	13	'3239793_/_3239841_2'		10	10	10	1.33	10	10	4.03 No	1.33 Thermal Discharging
RWD082	14	'43282668_/_3239841_1'		10	10	10	1.33	10	10	4.03 No	1.33 Thermal Discharging
RWD082	15	'3239792_/_3239790'		10	10	10	1.33	10	10	4.03 No	1.33 Thermal Discharging
RWD082	16	'415456729_/_411619794_2'		10	10	10	1.33	5.4	10	4.03 No	1.33 Thermal Discharging
RWD082	17	'3234664_/_3239824'		10	10	10	1.33	10	10	4.03 No	1.33 Thermal Discharging
RWD082	18	'3239860_/_3239858'		10	10	10	1.33	10	10	4.03 No	1.33 Thermal Discharging
RWD082	19	'3234647_/_3234644_2'		10	10	10	1.33	4.8	10	4.03 No	1.33 Thermal Discharging
RWD082	20	'3241151_/_3241234'		10	10	10	1.33	10	10	4.03 No	1.33 Thermal Discharging
RWD082	21	'3234646_/_3234644_1'		10	10	10	1.33	3.5	10	4.03 No	1.33 Thermal Discharging
RWD082	22	'43283065_/_3241149'		10	10	10	1.33	10	10	4.03 No	1.33 Thermal Discharging
RWD082	23	'3241152_/_3241183_1'		10	10	10	1.33	10	10	4.03 No	1.33 Thermal Discharging
RWD082	24	'3241186_/_3241183_2'		10	10	10	1.33	10	10	4.03 No	1.33 Thermal Discharging
RWD082	25	'8432316_/_43283000_2'		10	10	10	1.33	10	10	4.03 No	1.33 Thermal Discharging
RWD082	26	'3231827_/_3233800_2'		10	10	10	1.33	2.2	10	4.03 No	1.33 Thermal Discharging
RWD082	27	'7800375_/_7800373_1'		10	10	10	1.33	1.4	10	4.03 No	1.33 Thermal Discharging
RWD082	28	'7800376_/_7800373_2'		10	10	10	1.33	1.4	10	4.03 No	1.33 Thermal Discharging
RWD082	29	'7567857_/_7879575_1'		10	10	10	1.33	1.4	10	4.03 No	1.33 Thermal Discharging
RWD082	30	'3234681_/_3234695'		10	10	10	1.33	3.5	10	4.03 No	1.33 Thermal Discharging
RWD082	31	'43282998_/_43283000_1'		10	10	10	1.33	10	10	4.03 No	1.33 Thermal Discharging
RWD082	32	'7879578_/_7879575_2'		10	10	10	1.33	1.4	10	4.03 No	1.33 Thermal Discharging
RWD082	33	'7877285_/_8750938'		10	10	10	1.33	1.4	10	4.03 No	1.33 Thermal Discharging
RWD082	34	'420530645_/_411619794_1'		10	10	10	1.33	1.7	10	4.03 No	1.33 Thermal Discharging
RWD082	35	'7565686_/_7877283'		10	10	10	1.33	1.4	10	4.03 No	1.33 Thermal Discharging
RWD082	36	'43283089_/_3231825'		6.67	6.67	6.67	0.89	1.47	6.67	2.69 No	0.89 Thermal Discharging
RWD082	37	'3242969_/_3242967'		10	10	10	1.33	10	10	4.03 No	1.33 Thermal Discharging
RWD082	38	'7879598_/_7879595'		10	10	10	1.33	1.4	10	4.03 No	1.33 Thermal Discharging
RWD082	39	'3243649_/_3243647'		10	10	10	1.33	10	10	4.03 No	1.33 Thermal Discharging
RWD082	40	'7878020_/_7878017_2'		10	10	10	1.33	5.1	10	4.03 No	1.33 Thermal Discharging
RWD082	41	'3234680_/_3234678'		10	10	10	1.33	3.5	10	4.03 No	1.33 Thermal Discharging
RWD082	42	'7565687_/_7565684'		10	10	10	1.33	1.4	10	4.03 No	1.33 Thermal Discharging
RWD082	43	'3242987_/_3243664'		10	10	10	1.33	10	10	4.03 No	1.33 Thermal Discharging
RWD082	44	'3242986_/_3242984'		10	10	10	1.33	10	10	4.03 No	1.33 Thermal Discharging
RWD082	45	'43286378_/_3233666'		10	10	10	1.33	2.2	10	4.03 No	1.33 Thermal Discharging
RWD082	46	'3233669_/_7877343_1'		10	10	10	1.33	0.9	10	4.03 No	0.9 Element Fault
RWD082	47	'3232151_/_3232148'		10	10	10	1.33	2.2	10	4.03 No	1.33 Thermal Discharging
RWD082	48	'3263724_/_3263738'		10	10	10	1.33	10	10	4.03 No	1.33 Thermal Discharging
RWD082	49	'637440380_/_637440367_2'		10	10	10	1.33	2.2	10	4.03 No	1.33 Thermal Discharging
RWD082	50	'469908469_/_7877343_2'		10	10	10	1.33	0.9	10	4.03 No	0.9 Element Fault
RWD082	51	'7877346_/_473405390'		10	10	10	1.33	0.9	10	4.03 No	0.9 Element Fault
RWD082	52	'3232991_/_3263721'		10	10	10	1.33	10	10	4.03 No	1.33 Thermal Discharging
RWD082	53	'4626406_/_7074362'		10	10	10	1.33	3.5	10	4.03 No	1.33 Thermal Discharging
RWD082	54	'3231754_/_3232988'		10	10	10	1.33	10	10	4.03 No	1.33 Thermal Discharging
RWD082	55	'7878019_/_7878017_1'		10	10	10	1.33	1.4	10	4.03 No	1.33 Thermal Discharging
RWD082	56	'8829191_/_8829188'		10	10	10	1.33	1.4	10	4.03 No	1.33 Thermal Discharging
RWD082	57	'3232957_/_3232971'		10	10	10	1.33	10	10	4.03 No	1.33 Thermal Discharging
RWD082	58	'7877326_/_637440367_1'		10	10	10	1.33	1.4	10	4.03 No	1.33 Thermal Discharging
RWD082	59	'3231739_/_3231736_2'		6.67	6.67	6.67	0.89	3	6.67	2.69 No	0.89 Thermal Discharging
RWD082	60	'3232940_/_3232954'		10	10	10	1.33	10	10	4.03 No	1.33 Thermal Discharging
RWD082	61	'7877842_/_9457746'		10	10	10	1.33	5.1	10	4.03 No	1.33 Thermal Discharging
RWD082	62	'7249127_/_75273820'		10	10	10	1.33	1.7	10	4.03 No	1.33 Thermal Discharging
RWD082	63	'3232939_/_3232937'		10	10	10	1.33	10	10	4.03 No	1.33 Thermal Discharging
RWD082	64	'3243793_/_3243791'		10	10	10	1.33	10	10	4.03 No	1.33 Thermal Discharging
RWD082	65	'3244841_/_3244855'		10	10	10	1.33	10	10	4.03 No	1.33 Thermal Discharging
RWD082	66	'3231809_/_3232165'		10	10	10	1.33	2.2	10	4.03 No	1.33 Thermal Discharging
RWD082	67	'4626405_/_4626403'		10	10	10	1.33	3.5	10	4.03 No	1.33 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RWD082	68	'49932007___/8829464_2'		10	10	10	1.33	5.6	10	4.03 No	1.33 Thermal Discharging
RWD082	69	'3244823___/3244821'		10	10	10	1.33	10	10	4.03 No	1.33 Thermal Discharging
RWD082	70	'7565547___/9142343_1'		10	10	10	1.33	1.4	10	4.03 No	1.33 Thermal Discharging
RWD082	71	'8510617___/8829208'		10	10	10	1.33	1.4	10	4.03 No	1.33 Thermal Discharging
RWD082	72	'43549626___/4626426'		10	10	10	1.33	3.5	10	4.03 No	1.33 Thermal Discharging
RWD082	73	'465395886___/462506086_1'		10	10	10	1.33	1.8	10	4.03 No	1.33 Thermal Discharging
RWD082	74	'3231721___/3231736_1'	6.67		6.67	6.67	0.89	0.9	6.67	2.69 No	0.89 Thermal Discharging
RWD082	75	'3244878___/3244895'		10	10	10	1.33	10	10	4.03 No	1.33 Thermal Discharging
RWD082	76	'8510618___/8510615'		10	10	10	1.33	1.4	10	4.03 No	1.33 Thermal Discharging
RWD082	77	'3244877___/3244875'		10	10	10	1.33	10	10	4.03 No	1.33 Thermal Discharging
RWD082	78	'9142366___/9142363'		10	10	10	1.33	1.4	10	4.03 No	1.33 Thermal Discharging
RWD082	79	'49483729___/8200753_2'		10	10	10	1.33	5.2	10	4.03 No	1.33 Thermal Discharging
RWD082	80	'3243486___/7140371'		10	10	10	1.33	10	10	4.03 No	1.33 Thermal Discharging
RWD082	81	'43283101___/3231807'	6.67		6.67	6.67	0.89	1.47	6.67	2.69 No	0.89 Thermal Discharging
RWD082	82	'8424514___/8424512_1'		10	10	10	1.33	1.4	10	4.03 No	1.33 Thermal Discharging
RWD082	83	'3232855___/3243483'		10	10	10	1.33	10	10	4.03 No	1.33 Thermal Discharging
RWD082	84	'450992904___/450992813_1'		10	10	10	1.33	1.4	10	4.03 No	1.33 Thermal Discharging
RWD082	85	'3232854___/3232852_1'		10	10	10	1.33	10	10	4.03 No	1.33 Thermal Discharging
RWD082	86	'7879637___/8200753_1'		10	10	10	1.33	1.5	10	4.03 No	1.33 Thermal Discharging
RWD082	87	'3233632___/3233629'		10	10	10	1.33	2.2	10	4.03 No	1.33 Thermal Discharging
RWD082	88	'9142485___/9142483'		10	10	10	1.33	1.4	10	4.03 No	1.33 Thermal Discharging
RWD082	89	'9142346___/9142343_2'		10	10	10	1.33	1.4	10	4.03 No	1.33 Thermal Discharging
RWD082	90	'3263790___/3263788'		10	10	10	1.33	10	10	4.03 No	1.33 Thermal Discharging
RWD082	91	'7879638___/7879635'		10	10	10	1.33	1.5	10	4.03 No	1.33 Thermal Discharging
RWD082	92	'49963444___/3263825_2'		10	10	10	1.33	10	10	4.03 No	1.33 Thermal Discharging
RWD082	93	'3263808___/3263825_1'		10	10	10	1.33	10	10	4.03 No	1.33 Thermal Discharging
RWD082	94	'8424515___/8424512_2'		10	10	10	1.33	1.4	10	4.03 No	1.33 Thermal Discharging
RWD082	95	'3263807___/3263805'		10	10	10	1.33	10	10	4.03 No	1.33 Thermal Discharging
RWD082	96	'49963453___/7880311_2'		10	10	10	1.33	10	10	4.03 No	1.33 Thermal Discharging
RWD082	97	'49963436___/8513219_1'		10	10	10	1.33	10	10	4.03 No	1.33 Thermal Discharging
RWD082	98	'399929638___/8513219_2'		10	10	10	1.33	10	10	4.03 No	1.33 Thermal Discharging
RWD082	99	'399901282___/37665621'		10	10	10	1.33	10	10	4.03 No	1.33 Thermal Discharging
RWD082	100	'399929620___/37665600'		10	10	10	1.33	10	10	4.03 No	1.33 Thermal Discharging
RWD082	101	'399929626___/37665607'		10	10	10	1.33	4.5	10	4.03 No	1.33 Thermal Discharging
RWD082	102	'399929632___/37665614'		10	10	10	1.33	10	10	4.03 No	1.33 Thermal Discharging
RWD082	103	'3231720___/3231718'	6.67		6.67	6.67	0.89	0.9	6.67	2.69 No	0.89 Thermal Discharging
RWD082	104	'7877841___/7877839'		10	10	10	1.33	1.4	10	4.03 No	1.33 Thermal Discharging
RWD082	105	'7251758___/8162531'		10	10	10	1.33	1.4	10	4.03 No	1.33 Thermal Discharging
RWD082	106	'8432340___/9457766'		10	10	10	1.33	1.4	10	4.03 No	1.33 Thermal Discharging
RWD082	107	'513289046___/513289062'		10	10	10	1.33	4.5	10	4.03 No	1.33 Thermal Discharging
RWD082	108	'3231768___/3233646'		10	10	10	1.33	2.2	10	4.03 No	1.33 Thermal Discharging
RWD082	109	'9225631___/462506086_2'		10	10	10	1.33	1.8	10	4.03 No	1.33 Thermal Discharging
RWD082	110	'8202153___/8830838'		10	10	10	1.33	1.5	10	4.03 No	1.33 Thermal Discharging
RWD082	111	'7249126___/478703198'		10	10	10	1.33	1.7	10	4.03 No	1.33 Thermal Discharging
RWD082	112	'450992794___/450992813_2'		10	10	10	1.33	1.4	10	4.03 No	1.33 Thermal Discharging
RWD082	113	'9538959___/462506067'		10	10	10	1.33	1.8	10	4.03 No	1.33 Thermal Discharging
RWD082	114	'7880314___/7880311_1'		10	10	10	1.33	10	10	4.03 No	1.33 Thermal Discharging
RWD082	115	'7251759___/7251756'		10	10	10	1.33	1.4	10	4.03 No	1.33 Thermal Discharging
RWD082	116	'7568506___/9145679'		10	10	10	1.33	1.4	10	4.03 No	1.33 Thermal Discharging
RWD082	117	'399901129___/7568656'		10	10	10	1.33	10	10	4.03 No	1.33 Thermal Discharging
RWD082	118	'399901023___/37665558'		10	10	10	1.33	10	10	4.03 No	1.33 Thermal Discharging
RWD082	119	'399901117___/37665544'		10	10	10	1.33	4.5	10	4.03 No	1.33 Thermal Discharging
RWD082	120	'399901111___/37665537'		10	10	10	1.33	10	10	4.03 No	1.33 Thermal Discharging
RWD082	121	'399901123___/37665551'		10	10	10	1.33	10	10	4.03 No	1.33 Thermal Discharging
RWD082	122	'43283113___/3231784'		10	10	10	1.33	2.2	10	4.03 No	1.33 Thermal Discharging
RWD082	123	'7880209___/8162551'		10	10	10	1.33	1.4	10	4.03 No	1.33 Thermal Discharging
RWD082	124	'8831320___/9145763'		10	10	10	1.33	10	10	4.03 No	1.33 Thermal Discharging
RWD082	125	'7880294___/8513259'		10	10	10	1.33	4.5	10	4.03 No	1.33 Thermal Discharging
RWD082	126	'7880293___/8513239_2'		10	10	10	1.33	4.5	10	4.03 No	1.33 Thermal Discharging
RWD082	127	'8450419___/8831298_2'		10	10	10	1.33	10	10	4.03 No	1.33 Thermal Discharging
RWD082	128	'3231595___/8513239_1'		10	10	10	1.33	1.5	10	4.03 No	1.33 Thermal Discharging
RWD082	129	'8450418___/8831298_1'		10	10	10	1.33	10	10	4.03 No	1.33 Thermal Discharging
RWD082	130	'3253370___/3253367_2'		10	10	10	1.33	10	10	4.03 No	1.33 Thermal Discharging
RWD082	131	'3263605___/3263602'		10	10	10	1.33	10	10	4.03 No	1.33 Thermal Discharging
RWD082	132	'3253350___/3253367_1'		10	10	10	1.33	10	10	4.03 No	1.33 Thermal Discharging
RWD082	133	'8831321___/8831318'		10	10	10	1.33	10	10	4.03 No	1.33 Thermal Discharging
RWD082	134	'3232835___/3253347'		10	10	10	1.33	10	10	4.03 No	1.33 Thermal Discharging
RWD082	135	'8432341___/8432338'		10	10	10	1.33	1.4	10	4.03 No	1.33 Thermal Discharging
RWD082	136	'3232834___/3232832'		10	10	10	1.33	10	10	4.03 No	1.33 Thermal Discharging
RWD082	137	'415456757___/411619860'		10	10	10	1.33	1.7	10	4.03 No	1.33 Thermal Discharging
RWD082	138	'569039521___/498504428_2'		10	10	10	1.33	10	10	4.03 No	1.33 Thermal Discharging
RWD082	139	'8829407___/8829464_1'		10	10	10	1.33	1.9	10	4.03 No	1.33 Thermal Discharging
RWD082	140	'7880133___/9086691'		10	10	10	1.33	10	10	4.03 No	1.33 Thermal Discharging
RWD082	141	'3233010___/3233008'		10	10	10	1.33	10	10	4.03 No	1.33 Thermal Discharging
RWD082	142	'498503998___/498504428_1'		10	10	10	1.33	10	10	4.03 No	1.33 Thermal Discharging
RWD082	143	'7568507___/7568504'		10	10	10	1.33	1.4	10	4.03 No	1.33 Thermal Discharging
RWD082	144	'498503987___/498503996'		10	10	10	1.33	10	10	4.03 No	1.33 Thermal Discharging
RWD082	145	'498504004___/498504002'		10	10	10	1.33	10	10	4.03 No	1.33 Thermal Discharging
RWD082	146	'498503992___/498503990'		10	10	10	1.33	10	10	4.03 No	1.33 Thermal Discharging
RWD082	147	'498503986___/498503984'		10	10	10	1.33	2.3	10	4.03 No	1.33 Thermal Discharging
RWD082	148	'3242809___/3263882'		10	10	10	1.33	1.5	10	4.03 No	1.33 Thermal Discharging
RWD082	149	'43283126___/3231766'	6.07		6.67	6.67	0.89	1.47	6.67	2.69 No	0.89 Thermal Discharging
RWD082	150	'8199739___/8199737_1'		10	10	10	1.33	0.9	10	4.03 No	0.9 Element Fault
RWD082	151	'43282959___/43282961'		10	10	10	1.33	10	10	4.03 No	1.33 Thermal Discharging
RWD082	152	'3231769___/9457786_1'	3.07		3.33	3.33	0.44	0.4	3.33	1.34 No	0.4 Element Fault
RWD082	153	'498504251___/498504283'		10	10	10	1.33	2.3	10	4.03 No	1.33 Thermal Discharging
RWD082	154	'43282972___/43282974'		10	10	10	1.33	10	10	4.03 No	1.33 Thermal Discharging
RWD082	155	'3242721___/3242718_2'		10	10	10	1.33	10	10	4.03 No	1.33 Thermal Discharging
RWD082	156	'147396201___/498504257'		10	10	10	1.33	2.3	10	4.03 No	1.33 Thermal Discharging
RWD082	157	'8199740___/8199737_2'		10	10	10	1.33	0.9	10	4.03 No	0.9 Element Fault
RWD082	158	'147396241___/143622412'		10	10	10	1.33	2.3	10	4.03 No	1.33 Thermal Discharging
RWD082	159	'3242704___/3242718_1'		10	10	10	1.33	10	10	4.03 No	1.33 Thermal Discharging
RWD082	160	'498504180___/498504168_2'		10	10	10	1.33	10	10	4.03 No	1.33 Thermal Discharging
RWD082	161	'9457788___/9457786_2'	2.67		3.33	3.33	0.44	0.4	3.33	1.34 No	0.4 Element Fault

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
RWD082	162	'3240542_/498504168_1'		10	10	10	1.33	10	10	4.03 No	1.33 Thermal Discharging
RWD082	163	'149895301_/149895307'		10	10	10	1.33	2.3	10	4.03 No	1.33 Thermal Discharging
RWD082	164	'43282892_/3240539'		10	10	10	1.33	10	10	4.03 No	1.33 Thermal Discharging
RWD082	165	'149895339_/456940235'		10	10	10	1.33	2.3	10	4.03 No	1.33 Thermal Discharging
RWD082	166	'8829406_/8829404'		10	10	10	1.33	1.9	10	4.03 No	1.33 Thermal Discharging
RWD082	167	'3240474_/3240488'		10	10	10	1.33	10	10	4.03 No	1.33 Thermal Discharging
RWD082	168	'8828357_/8828354'		10	10	10	1.33	1.4	10	4.03 No	1.33 Thermal Discharging
RWD082	169	'3242684_/3242701'		10	10	10	1.33	10	10	4.03 No	1.33 Thermal Discharging
RWD082	170	'456940007_/64800876'		10	10	10	1.33	2.3	10	4.03 No	1.33 Thermal Discharging
RWD082	171	'43282879_/43282881'		10	10	10	1.33	10	10	4.03 No	1.33 Thermal Discharging
RWD082	172	'8510637_/8828374'		10	10	10	1.33	1.4	10	4.03 No	1.33 Thermal Discharging
RWD082	173	'3242791_/3242806'		10	10	10	1.33	1.5	10	4.03 No	1.33 Thermal Discharging
RWD082	174	'3240457_/3240454_2'		10	10	10	1.33	10	10	4.03 No	1.33 Thermal Discharging
RWD082	175	'3242664_/3242681'		10	10	10	1.33	10	10	4.03 No	1.33 Thermal Discharging
RWD082	176	'3235424_/3240454_1'		10	10	10	1.33	10	10	4.03 No	1.33 Thermal Discharging
RWD082	177	'8828397_/415456775'		8.6	10	10	1.33	1.7	10	4.03 No	1.33 Thermal Discharging
RWD082	178	'7249086_/8510635'		10	10	10	1.33	1.4	10	4.03 No	1.33 Thermal Discharging
RWD082	179	'384820167_/3243196'		10	10	10	1.33	10	10	4.03 No	1.33 Thermal Discharging
RWD082	180	'449844489_/384820169_1'		10	10	10	1.33	10	10	4.03 No	1.33 Thermal Discharging
RWD082	181	'479574524_/479574283_1'		10	10	10	1.33	2.2	10	4.03 No	1.33 Thermal Discharging
RWD082	182	'3242663_/3242661'		10	10	10	1.33	10	10	4.03 No	1.33 Thermal Discharging
RWD082	183	'456940052_/456940071'		10	10	10	1.33	2.3	10	4.03 No	1.33 Thermal Discharging
RWD082	184	'8829447_/9458848'		10	10	10	1.33	1.9	10	4.03 No	1.33 Thermal Discharging
RWD082	185	'7880210_/7880207'		10	10	10	1.33	1.4	10	4.03 No	1.33 Thermal Discharging
RWD082	186	'498504387_/498504464'		3.33	3.33	3.33	0.44	1.5	3.33	1.34 No	0.44 Thermal Discharging
RWD082	187	'3242774_/3242772'		10	10	10	1.33	10	10	4.03 No	1.33 Thermal Discharging
RWD082	188	'498504404_/498504385_1'		3.33	3.33	3.33	0.44	0.4	3.33	1.34 No	0.4 Element Fault
RWD082	189	'43769017_/43769019'		10	10	10	1.33	10	10	4.03 No	1.33 Thermal Discharging
RWD082	190	'49458615_/7880131_1'		10	10	10	1.33	10	10	4.03 No	1.33 Thermal Discharging
RWD082	191	'456940099_/456940142'		10	10	10	1.33	2.3	10	4.03 No	1.33 Thermal Discharging
RWD082	192	'5714220_/5714218'		10	10	10	1.33	10	10	4.03 No	1.33 Thermal Discharging
RWD082	193	'3242826_/3242823'		10	10	10	1.33	1.5	10	4.03 No	1.33 Thermal Discharging
RWD082	194	'5714558_/5714572'		10	10	10	1.33	10	10	4.03 No	1.33 Thermal Discharging
RWD082	195	'5714204_/5714555'		10	10	10	1.33	10	10	4.03 No	1.33 Thermal Discharging
RWD082	196	'7249087_/7249084'		6.9	10	10	1.33	1.4	10	4.03 No	1.33 Thermal Discharging
RWD082	197	'7249107_/7249104'		6.8	10	10	1.33	1.4	10	4.03 No	1.33 Thermal Discharging
RWD082	198	'7825373_/8775132'		6.8	10	10	1.33	1.4	10	4.03 No	1.33 Thermal Discharging
RWD082	199	'5714187_/5714201'		10	10	10	1.33	10	10	4.03 No	1.33 Thermal Discharging
RWD082	200	'498504335_/498504385_2'		3.33	3.33	3.33	0.44	0.4	3.33	1.34 No	0.4 Element Fault
RWD082	201	'8829307_/746041840'		10	10	10	1.33	1.9	10	4.03 No	1.33 Thermal Discharging
RWD082	202	'5714167_/5714184'		10	10	10	1.33	10	10	4.03 No	1.33 Thermal Discharging
RWD082	203	'5714150_/5714164'		10	10	10	1.33	10	10	4.03 No	1.33 Thermal Discharging
RWD082	204	'7565427_/456940103'		10	10	10	1.33	2.3	10	4.03 No	1.33 Thermal Discharging
RWD082	205	'506304175_/411619841'		5.5	10	10	1.33	1.7	10	4.03 No	1.33 Thermal Discharging
RWD082	206	'415456801_/506304195'		5.5	10	10	1.33	1.7	10	4.03 No	1.33 Thermal Discharging
RWD082	207	'5713877_/7825370'		5.8	10	10	1.33	1.4	10	4.03 No	1.33 Thermal Discharging
RWD082	208	'43284836_/3243681'		10	10	10	1.33	1.5	10	4.03 No	1.33 Thermal Discharging
RWD082	209	'5714133_/5714147'		10	10	10	1.33	10	10	4.03 No	1.33 Thermal Discharging
RWD082	210	'5714116_/5714130'		10	10	10	1.33	10	10	4.03 No	1.33 Thermal Discharging
RWD082	211	'7877206_/7877223'		10	10	10	1.33	2.3	10	4.03 No	1.33 Thermal Discharging
RWD082	212	'8202174_/8202171_1'		6.3	10	10	1.33	1.4	10	4.03 No	1.33 Thermal Discharging
RWD082	213	'5714099_/5714113'		10	10	10	1.33	10	10	4.03 No	1.33 Thermal Discharging
RWD082	214	'595059249_/479574283_2'		10	10	10	1.33	2.2	10	4.03 No	1.33 Thermal Discharging
RWD082	215	'5714082_/5714096'		10	10	10	1.33	10	10	4.03 No	1.33 Thermal Discharging
RWD082	216	'7513876_/7513874'		3.33	6.67	6.67	0.89	0.93	6.67	2.69 No	0.89 Thermal Discharging
RWD082	217	'595059383_/595059062_2'		10	10	10	1.33	2.2	10	4.03 No	1.33 Thermal Discharging
RWD082	218	'43282794_/3244577'		3.33	3.33	3.33	0.44	0.4	3.33	1.34 No	0.4 Element Fault
RWD082	219	'5714081_/5714079'		10	10	10	1.33	10	10	4.03 No	1.33 Thermal Discharging
RWD082	220	'8455460_/415456819'		4.8	10	10	1.33	1.7	10	4.03 No	1.33 Thermal Discharging
RWD082	221	'3244509_/43284838'		10	10	10	1.33	1.5	10	4.03 No	1.33 Thermal Discharging
RWD082	222	'7825352_/7825350_1'		3.9	10	10	1.33	1.4	10	4.03 No	1.33 Thermal Discharging
RWD082	223	'5714022_/5714235'		10	10	10	1.33	10	10	4.03 No	1.33 Thermal Discharging
RWD082	224	'5713734_/5714019'		10	10	10	1.33	10	10	4.03 No	1.33 Thermal Discharging
RWD082	225	'568159681_/513427622_2'		10	10	10	1.33	2.2	10	4.03 No	1.33 Thermal Discharging
RWD082	226	'595059065_/595059062_1'		10	10	10	1.33	1.4	10	4.03 No	1.33 Thermal Discharging
RWD082	227	'513427969_/5714039'		10	10	10	1.33	10	10	4.03 No	1.33 Thermal Discharging
RWD082	228	'513427917_/513428263'		10	10	10	1.33	10	10	4.03 No	1.33 Thermal Discharging
RWD082	229	'7567913_/8829304'		10	10	10	1.33	1.9	10	4.03 No	1.33 Thermal Discharging
RWD082	230	'568159841_/5713712_2'		10	10	10	1.33	4.5	10	4.03 No	1.33 Thermal Discharging
RWD082	231	'3244605_/3244619'		3.33	3.33	3.33	0.44	0.4	3.33	1.34 No	0.4 Element Fault
RWD082	232	'645156855_/645156826'		10	10	10	1.33	5.1	10	4.03 No	1.33 Thermal Discharging
RWD082	233	'595059085_/595059082'		10	10	10	1.33	1.4	10	4.03 No	1.33 Thermal Discharging
RWD082	234	'5713982_/5713996'		10	10	10	1.33	10	10	4.03 No	1.33 Thermal Discharging
RWD082	235	'7251270_/7567910'		7.3	10	10	1.33	1.9	10	4.03 No	1.33 Thermal Discharging
RWD082	236	'43767478_/5713979'		10	10	10	1.33	10	10	4.03 No	1.33 Thermal Discharging
RWD082	237	'5713597_/5713712_1'		10	10	10	1.33	1.4	10	4.03 No	1.33 Thermal Discharging
RWD082	238	'426995074_/426995078'		10	10	10	1.33	2.3	10	4.03 No	1.33 Thermal Discharging
RWD082	239	'426994984_/426994988'		10	10	10	1.33	2.3	10	4.03 No	1.33 Thermal Discharging
RWD082	240	'584951332_/645156809'		10	10	10	1.33	5.1	10	4.03 No	1.33 Thermal Discharging
RWD082	241	'5713948_/5713962'		10	10	10	1.33	10	10	4.03 No	1.33 Thermal Discharging
RWD082	242	'513427765_/584951329'		10	10	10	1.33	4.5	10	4.03 No	1.33 Thermal Discharging
RWD082	243	'513427625_/513427622_1'		10	10	10	1.33	1.4	10	4.03 No	1.33 Thermal Discharging
RWD082	244	'5714294_/5714308'		10	10	10	1.33	3.4	10	4.03 No	1.33 Thermal Discharging
RWD082	245	'491671811_/491671833'		4	10	10	1.33	1.4	10	4.03 No	1.33 Thermal Discharging
RWD082	246	'8048114_/8048112_1'		10	10	10	1.33	0.9	10	4.03 No	0.9 Element Fault
RWD082	247	'5713931_/5713945'		10	10	10	1.33	10	10	4.03 No	1.33 Thermal Discharging
RWD082	248	'7251271_/7251268'		6.3	10	10	1.33	1.9	10	4.03 No	1.33 Thermal Discharging
RWD082	249	'7249070_/7877203'		10	10	10	1.33	2.3	10	4.03 No	1.33 Thermal Discharging
RWD082	250	'7565447_/7565444'		10	10	10	1.33	2.3	10	4.03 No	1.33 Thermal Discharging
RWD082	251	'5713914_/5713928'		10	10	10	1.33	10	10	4.03 No	1.33 Thermal Discharging
RWD082	252	'7249071_/7249068'		3.33	3.33	3.33	0.44	0.77	3.33	1.34 No	0.44 Thermal Discharging
RWD082	253	'5713897_/5713911'		10	10	10	1.33	10	10	4.03 No	1.33 Thermal Discharging
RWD082	254	'5713896_/5713894'		10	10	10	1.33	10	10	4.03 No	1.33 Thermal Discharging
RWD082	255	'5713880_/5714059'		10	10	10	1.33	10	10	4.03 No	1.33 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
											VSR (MW)	Limiting Threshold
RWD082	256	'7251290_/_7251308'		3.33	6.67	6.67	0.89	1.27	6.67	2.69 No	0.89	Thermal Discharging
RWD082	257	'3244592_/_3244603'		3.33	3.33	3.33	0.44	0.4	3.33	1.34 No	0.4	Element Fault
RWD082	258	'5713863_/_5713877'		10	10	10	1.33	10	10	4.03 No	1.33	Thermal Discharging
RWD082	259	'5713846_/_5713860'		10	10	10	1.33	10	10	4.03 No	1.33	Thermal Discharging
RWD082	260	'5714293_/_5714291'		10	10	10	1.33	3.4	10	4.03 No	1.33	Thermal Discharging
RWD082	261	'5713580_/_5713594'		10	10	10	1.33	1.4	10	4.03 No	1.33	Thermal Discharging
RWD082	262	'5713829_/_5713843'		10	10	10	1.33	10	10	4.03 No	1.33	Thermal Discharging
RWD082	263	'7251310_/_7567950'		5.1	10	10	1.33	1.9	10	4.03 No	1.33	Thermal Discharging
RWD082	264	'5713812_/_5713826'		10	10	10	1.33	10	10	4.03 No	1.33	Thermal Discharging
RWD082	265	'43767465_/_5713809'		10	10	10	1.33	10	10	4.03 No	1.33	Thermal Discharging
RWD082	266	'5713698_/_5713792'		10	10	10	1.33	10	10	4.03 No	1.33	Thermal Discharging
RWD082	267	'7724588_/_9304698_2'		10	10	10	1.33	4.1	10	4.03 No	1.33	Thermal Discharging
RWD082	268	'5713697_/_5713695'		10	10	10	1.33	10	10	4.03 No	1.33	Thermal Discharging
RWD082	269	'5714420_/_43769082_2'		10	10	10	1.33	10	10	4.03 No	1.33	Thermal Discharging
RWD082	270	'3244593_/_3244590'		3.33	3.33	3.33	0.44	0.4	3.33	1.34 No	0.4	Element Fault
RWD082	271	'7251291_/_7251288'		4.5	10	10	1.33	1.9	10	4.03 No	1.33	Thermal Discharging
RWD082	272	'5714523_/_5714538'		10	10	10	1.33	3.4	10	4.03 No	1.33	Thermal Discharging
RWD082	273	'7724608_/_7724606_1'		10	10	10	1.33	0.9	10	4.03 No	0.9	Element Fault
RWD082	274	'5714508_/_5714520'		10	10	10	1.33	3.4	10	4.03 No	1.33	Thermal Discharging
RWD082	275	'5713579_/_5713577'		10	10	10	1.33	1.4	10	4.03 No	1.33	Thermal Discharging
RWD082	276	'498504479_/_498504476'		3.33	3.33	3.33	0.44	0.4	3.33	1.34 No	0.4	Element Fault
RWD082	277	'569039551_/_498504516_1'		3.33	3.33	3.33	0.44	0.3	3.33	1.34 No	0.3	Element Fault
RWD082	278	'5714475_/_5714487'		10	10	10	1.33	3.4	10	4.03 No	1.33	Thermal Discharging
RWD082	279	'9304700_/_9304698_1'		10	10	10	1.33	1.4	10	4.03 No	1.33	Thermal Discharging
RWD082	280	'5714347_/_7724606_2'		10	10	10	1.33	0.9	10	4.03 No	0.9	Element Fault
RWD082	281	'7567933_/_7567930'		3.8	10	10	1.33	1.9	10	4.03 No	1.33	Thermal Discharging
RWD082	282	'383420528_/_8048112_2'		10	10	10	1.33	0.9	10	4.03 No	0.9	Element Fault
RWD082	283	'122196872_/_474010600'		10	10	10	1.33	1.4	10	4.03 No	1.33	Thermal Discharging
RWD082	284	'5713681_/_5713678'		10	10	10	1.33	1.4	10	4.03 No	1.33	Thermal Discharging
RWD082	285	'43769054_/_5714345'		10	10	10	1.33	0.5	10	4.03 No	0.5	Element Fault
RWD082	286	'122196834_/_562073935'		10	10	10	1.33	1.4	10	4.03 No	1.33	Thermal Discharging
RWD082	287	'383420574_/_383420616'		10	10	10	1.33	0.9	10	4.03 No	0.9	Element Fault
RWD082	288	'43769041_/_43769056'		10	10	10	1.33	0.5	10	4.03 No	0.5	Element Fault
RWD082	289	'7513895_/_7513892'		1	3.33	3.33	0.44	0.47	3.33	1.34 No	0.44	Thermal Discharging
RWD082	290	'5714348_/_43769043'		10	10	10	1.33	0.5	10	4.03 No	0.5	Element Fault
RWD082	291	'5714273_/_5714472'		10	10	10	1.33	3.4	10	4.03 No	1.33	Thermal Discharging
RWD082	292	'8200716_/_8503145'		3.4	10	10	1.33	1.9	10	4.03 No	1.33	Thermal Discharging
RWD082	293	'43769067_/_43769069'		10	10	10	1.33	1.4	10	4.03 No	1.33	Thermal Discharging
RWD082	294	'7218069_/_8200713'		3.3	10	10	1.33	1.9	10	4.03 No	1.33	Thermal Discharging
RWD082	295	'9616092_/_383420578'		10	10	10	1.33	0.9	10	4.03 No	0.9	Element Fault
RWD082	296	'498504500_/_498504516_2'		1.43	3.33	3.33	0.44	0.3	3.33	1.34 No	0.3	Element Fault
RWD082	297	'9641503_/_9641501'		0.87	3.33	3.33	0.44	0.47	3.33	1.34 No	0.44	Thermal Discharging
RWD082	298	'43769106_/_5714589'		6.3	10	10	1.33	1.4	10	4.03 No	1.33	Thermal Discharging
RWD082	299	'7410776_/_478637719'		10	10	10	1.33	1.4	10	4.03 No	1.33	Thermal Discharging
RWD082	300	'5714255_/_5714270'		2.73	6.67	6.67	0.89	2.2	6.67	2.69 No	0.89	Thermal Discharging
RWD082	301	'5714254_/_5714252'		2.73	6.67	6.67	0.89	2.2	6.67	2.69 No	0.89	Thermal Discharging
RWD082	302	'513427397_/_513427394'		3.33	3.33	3.33	0.44	1.5	3.33	1.34 No	0.44	Thermal Discharging
RWD082	303	'718911021_/_718911018'		3.33	3.33	3.33	0.44	1.5	3.33	1.34 No	0.44	Thermal Discharging
RWD082	304	'719608053_/_719608137_1'		3.33	3.33	3.33	0.44	1.5	3.33	1.34 No	0.44	Thermal Discharging
RWD082	305	'719608140_/_719608121_1'		3.33	3.33	3.33	0.44	1.4	3.33	1.34 No	0.44	Thermal Discharging
RWD082	306	'718911076_/_718911050_1'		3.33	3.33	3.33	0.44	0.3	3.33	1.34 No	0.3	Element Fault
RWD082	307	'719608165_/_719608121_2'		3.33	3.33	3.33	0.44	0.4	3.33	1.34 No	0.4	Element Fault
RWD082	308	'240409826_/_122299607'		6.67	6.67	6.67	0.89	0.93	6.67	2.69 No	0.89	Thermal Discharging
RWD082	309	'7410775_/_7410773'		10	10	10	1.33	1.4	10	4.03 No	1.33	Thermal Discharging
RWD082	310	'230567523_/_230567528'		10	10	10	1.33	1.4	10	4.03 No	1.33	Thermal Discharging
RWD082	311	'9145051_/_9145049'		1.27	3.33	3.33	0.44	0.63	3.33	1.34 No	0.44	Thermal Discharging
RWD082	312	'8431441_/_9065881'		5.4	10	10	1.33	1.4	10	4.03 No	1.33	Thermal Discharging
RWD082	313	'719608020_/_719608121_3'		3.33	3.33	3.33	0.44	0.4	3.33	1.34 No	0.4	Element Fault
RWD082	314	'8431440_/_8431438'		4.5	10	10	1.33	1.4	10	4.03 No	1.33	Thermal Discharging
RWD082	315	'679800707_/_385455710_1'		3.5	10	10	1.33	1.4	10	4.03 No	1.33	Thermal Discharging
RWD082	316	'718911034_/_718911050_2'		3.33	3.33	3.33	0.44	0.3	3.33	1.34 No	0.3	Element Fault
RWD082	317	'433412435_/_433412432'		3.33	3.33	3.33	0.44	0.47	3.33	1.34 No	0.44	Thermal Discharging
RWD082	318	'43408641_/_433412489_3'		3.33	3.33	3.33	0.44	0.47	3.33	1.34 No	0.44	Thermal Discharging
RWD082	319	'645552782_/_645552794'		3.33	3.33	3.33	0.44	0.47	3.33	1.34 No	0.44	Thermal Discharging
RWD082	320	'230567481_/_230567579'		3.33	3.33	3.33	0.44	0.47	3.33	1.34 No	0.44	Thermal Discharging
RWD082	321	'434209832_/_433412489_2'		0.7	3.33	3.33	0.44	0.3	2.81	1.34 No	0.3	Element Fault
RWD082	322	'433412354_/_433412489_1'		0.7	3.33	3.33	0.44	0.1	2.81	1.34 No	0.1	Element Fault
RWD082	323	'410699190_/_433412356'		0.7	3.33	3.33	0.44	0.1	2.8	1.34 No	0.1	Element Fault
RWD082	324	'410699217_/_410699214'		0.63	3.33	3.33	0.44	0.1	2.73	1.34 No	0.1	Element Fault
RWD082	325	'410699244_/_410699241'		0.63	3.33	3.33	0.44	0.1	2.69	1.34 No	0.1	Element Fault
RWD082	326	'410699271_/_410699268'		0.6	3.33	3.33	0.44	0.1	2.65	1.34 No	0.1	Element Fault
RWD082	327	'410699316_/_410699313'		0.57	3.33	3.33	0.44	0.1	2.6	1.34 No	0.1	Element Fault
RWD082	328	'410699343_/_410699340'		0.53	3.33	3.33	0.44	0.1	2.56	1.34 No	0.1	Element Fault
RWD082	329	'410699370_/_410699367'		0.53	3.33	3.33	0.44	0.1	2.53	1.34 No	0.1	Element Fault
RWD082	330	'410699397_/_410699394'		0.5	3.33	3.33	0.44	0.1	2.49	1.34 No	0.1	Element Fault
RWD082	331	'410699424_/_410699421'		0.5	3.33	3.33	0.44	0.1	2.45	1.34 No	0.1	Element Fault
RWD082	332	'410699451_/_410699448'		0.47	3.33	3.33	0.44	0.1	2.41	1.34 No	0.1	Element Fault
SAK311	0	'SAK311_/_3518822'		10	10	10	2.6	10	10	10 Yes	2.6	Thermal Discharging
SAK311	1	'3518807_/_3518822'		10	10	10	2.6	10	10	0.55 Yes	2.6	Thermal Discharging
SAK311	2	'3518808_/_3518805'		10	10	10	2.6	10	10	0.55 Yes	2.6	Thermal Discharging
SAK311	3	'72233810_/_72233812'		10	10	10	2.6	10	10	0.55 Yes	2.6	Thermal Discharging
SAK311	4	'52389461_/_72233782'		10	10	10	2.6	10	10	0.55 Yes	2.6	Thermal Discharging
SAK311	5	'348601525_/_348601522'		10	10	10	2.6	10	10	0.55 Yes	2.6	Thermal Discharging
SAK311	6	'52388226_/_52388229'		10	10	10	2.6	10	10	0.55 Yes	2.6	Thermal Discharging
SAK311	7	'52388200_/_52388203'		10	10	10	2.6	10	10	0.55 Yes	2.6	Thermal Discharging
SAK311	8	'52389357_/_117254637_1'		10	10	10	2.6	10	10	0.55 Yes	2.6	Thermal Discharging
SAK311	9	'348601927_/_348601632_1'		3.33	3.33	3.33	0.87	1.2	3.33	0.18 Yes	0.87	Thermal Discharging
SAK311	10	'118707907_/_117254637_2'		10	10	10	2.6	10	10	0.55 Yes	2.6	Thermal Discharging
SAK311	11	'348601635_/_348601632_2'		3.33	3.33	3.33	0.87	1.2	3.33	0.18 Yes	0.87	Thermal Discharging
SAK311	12	'52388144_/_52388147'		10	10	10	2.6	10	10	0.55 Yes	2.6	Thermal Discharging
SAK311	13	'52388118_/_52388121'		10	10	10	2.6	10	10	0.55 Yes	2.6	Thermal Discharging
SAK311	14	'52388092_/_52388095'		10	10	10	2.6	10	10	0.55 Yes	2.6	Thermal Discharging
SAK311	15	'52388066_/_52388069'		10	10	10	2.6	10	10	0.55 Yes	2.6	Thermal Discharging
SAK311	16	'52387386_/_3512201_1'		10	10	10	2.6	0.8	10	0.55 Yes	0.8	Element Fault

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SAK311	17	'348601651_/348601648'	3.33		3.33	3.33	0.87	1.2	3.33	0.18 Yes	0.87 Thermal Discharging
SAK311	18	'52388040_/52388043'	10		10	10	2.6	10	10	0.55 Yes	2.6 Thermal Discharging
SAK311	19	'52388014_/52388017'	10		10	10	2.6	10	10	0.55 Yes	2.6 Thermal Discharging
SAK311	20	'52387392_/3512201_2'	10		10	10	2.6	0.8	10	0.55 Yes	0.8 Element Fault
SAK311	21	'52387988_/52387991'	10		10	10	2.6	10	10	0.55 Yes	2.6 Thermal Discharging
SAK311	22	'52387962_/52387965'	10		10	10	2.6	10	10	0.55 Yes	2.6 Thermal Discharging
SAK311	23	'348601862_/348601859'	3.33		3.33	3.33	0.87	1.2	3.33	0.18 Yes	0.87 Thermal Discharging
SAK311	24	'52387910_/52387939'	10		10	10	2.6	10	10	0.55 Yes	2.6 Thermal Discharging
SAK311	25	'52387885_/52387887'	10		10	10	2.6	10	10	0.55 Yes	2.6 Thermal Discharging
SAK311	26	'392362310_/121483940'	10		10	10	2.6	10	10	0.55 Yes	2.6 Thermal Discharging
SAK311	27	'121483943_/392362312'	10		10	10	2.6	10	10	0.55 Yes	2.6 Thermal Discharging
SAK311	28	'121484243_/121484207_1'	10		10	10	2.6	3.6	10	0.55 Yes	2.6 Thermal Discharging
SAK311	29	'121483968_/121483965'	10		10	10	2.6	10	10	0.55 Yes	2.6 Thermal Discharging
SAK311	30	'121483993_/121483990'	10		10	10	2.6	10	10	0.55 Yes	2.6 Thermal Discharging
SAK311	31	'153836673_/153836627_1'	10		10	10	2.6	3.6	10	0.55 Yes	2.6 Thermal Discharging
SAK311	32	'121484012_/121484009'	10		10	10	2.6	10	10	0.55 Yes	2.6 Thermal Discharging
SAK311	33	'3511512_/121484526'	10		10	10	2.6	10	10	0.55 Yes	2.6 Thermal Discharging
SAK311	34	'3517931_/121484207_2'	10		10	10	2.6	3.6	10	0.55 Yes	2.6 Thermal Discharging
SAK311	35	'121484398_/3511529_1'	10		10	10	2.6	3.6	10	0.55 Yes	2.6 Thermal Discharging
SAK311	36	'121484504_/121484501'	10		10	10	2.6	10	10	0.55 Yes	2.6 Thermal Discharging
SAK311	37	'121484326_/121484270_1'	10		10	10	2.6	3.6	10	0.55 Yes	2.6 Thermal Discharging
SAK311	38	'3511477_/121484541'	10		10	10	2.6	10	10	0.55 Yes	2.6 Thermal Discharging
SAK311	39	'153836609_/153836627_2'	10		10	10	2.6	3.6	10	0.55 Yes	2.6 Thermal Discharging
SAK311	40	'3512290_/121484270_2'	10		10	10	2.6	3.6	10	0.55 Yes	2.6 Thermal Discharging
SAK311	41	'3511462_/3511648'	10		10	10	2.6	10	10	0.55 Yes	2.6 Thermal Discharging
SAK311	42	'55612515_/3518156'	3.33		3.33	3.33	0.87	1.2	3.33	0.18 Yes	0.87 Thermal Discharging
SAK311	43	'3511532_/3511529_2'	10		10	10	2.6	3.6	10	0.55 Yes	2.6 Thermal Discharging
SAK311	44	'120881740_/54907387'	10		10	10	2.6	3.6	10	0.55 Yes	2.6 Thermal Discharging
SAK311	45	'121485759_/43333590_2'	3.33		3.33	3.33	0.87	2.8	3.33	0.18 Yes	0.87 Thermal Discharging
SAK311	46	'43326237_/43326239'	10		10	10	2.6	10	10	0.55 Yes	2.6 Thermal Discharging
SAK311	47	'43333588_/43333590_1'	3.33		3.33	3.33	0.87	1.2	3.33	0.18 Yes	0.87 Thermal Discharging
SAK311	48	'43329625_/3512307'	10		10	10	2.6	3.6	10	0.55 Yes	2.6 Thermal Discharging
SAK311	49	'3513563_/3513561'	3.33		3.33	3.33	0.87	3.33	3.33	0.18 Yes	0.87 Thermal Discharging
SAK311	50	'3512070_/3512068'	10		10	10	2.6	10	10	0.55 Yes	2.6 Thermal Discharging
SAK311	51	'3512275_/3512273'	10		10	10	2.6	10	10	0.55 Yes	2.6 Thermal Discharging
SAK311	52	'121485413_/121485410'	3.33		3.33	3.33	0.87	1.2	3.33	0.18 Yes	0.87 Thermal Discharging
SAK311	53	'3511445_/3512102'	10		10	10	2.6	10	10	0.55 Yes	2.6 Thermal Discharging
SAK311	54	'3511424_/3511422_1'	10		10	10	2.6	3.6	10	0.55 Yes	2.6 Thermal Discharging
SAK311	55	'43332231_/43329627'	10		10	10	2.6	3.6	10	0.55 Yes	2.6 Thermal Discharging
SAK311	56	'43326167_/3511580'	10		10	10	2.6	10	10	0.55 Yes	2.6 Thermal Discharging
SAK311	57	'3512148_/3512145'	3.33		3.33	3.33	0.87	2.6	3.33	0.18 Yes	0.87 Thermal Discharging
SAK311	58	'3511549_/3511563'	10		10	10	2.6	10	10	0.55 Yes	2.6 Thermal Discharging
SAK311	59	'43326154_/3511546'	10		10	10	2.6	10	10	0.55 Yes	2.6 Thermal Discharging
SAK311	60	'121485428_/121485425'	3.33		3.33	3.33	0.87	1.2	3.33	0.18 Yes	0.87 Thermal Discharging
SAK311	61	'3518078_/3518092'	10		10	10	2.6	10	10	0.55 Yes	2.6 Thermal Discharging
SAK311	62	'3511425_/3511422_2'	10		10	10	2.6	3.6	10	0.55 Yes	2.6 Thermal Discharging
SAK311	63	'3512642_/3518075'	10		10	10	2.6	10	10	0.55 Yes	2.6 Thermal Discharging
SAK311	64	'3512660_/3518126'	10		10	10	2.6	10	10	0.55 Yes	2.6 Thermal Discharging
SAK311	65	'3517967_/43332233'	10		10	10	2.6	3.6	10	0.55 Yes	2.6 Thermal Discharging
SAK311	66	'53813158_/53813131'	10		10	10	2.6	10	10	0.55 Yes	2.6 Thermal Discharging
SAK311	67	'3512527_/3512657'	10		10	10	2.6	10	10	0.55 Yes	2.6 Thermal Discharging
SAK311	68	'720583062_/720583068'	10		10	10	2.6	10	10	0.55 Yes	2.6 Thermal Discharging
SAK311	69	'53814609_/8213223_2'	10		10	10	2.6	2.8	10	0.55 Yes	2.6 Thermal Discharging
SAK311	70	'3512560_/3518143'	3.33		3.33	3.33	0.87	3.33	3.33	0.18 Yes	0.87 Thermal Discharging
SAK311	71	'3512510_/3512524'	10		10	10	2.6	10	10	0.55 Yes	2.6 Thermal Discharging
SAK311	72	'3512561_/3512571_1'	3.33		3.33	3.33	0.87	1.2	3.33	0.18 Yes	0.87 Thermal Discharging
SAK311	73	'3517968_/3517965'	10		10	10	2.6	3.6	10	0.55 Yes	2.6 Thermal Discharging
SAK311	74	'3512493_/3512507'	10		10	10	2.6	10	10	0.55 Yes	2.6 Thermal Discharging
SAK311	75	'121485449_/121485446'	3.33		3.33	3.33	0.87	1.2	3.33	0.18 Yes	0.87 Thermal Discharging
SAK311	76	'55333674_/55333676'	10		10	10	2.6	10	10	0.55 Yes	2.6 Thermal Discharging
SAK311	77	'3517985_/3517982'	3.33		3.33	3.33	0.87	1.2	3.33	0.18 Yes	0.87 Thermal Discharging
SAK311	78	'3512473_/3512470'	10		10	10	2.6	10	10	0.55 Yes	2.6 Thermal Discharging
SAK311	79	'8213226_/8213223_1'	10		10	10	2.6	2.8	10	0.55 Yes	2.6 Thermal Discharging
SAK311	80	'3512574_/3512571_2'	3.33		3.33	3.33	0.87	1.2	3.33	0.18 Yes	0.87 Thermal Discharging
SAK311	81	'44072825_/7139505'	10		10	10	2.6	3.6	10	0.55 Yes	2.6 Thermal Discharging
SAK311	82	'3512605_/3512623'	10		10	10	2.6	10	10	0.55 Yes	2.6 Thermal Discharging
SAK311	83	'8448614_/8448612_1'	3.33		3.33	3.33	0.87	1.2	3.33	0.18 Yes	0.87 Thermal Discharging
SAK311	84	'121172885_/121172959'	10		10	10	2.6	10	10	0.55 Yes	2.6 Thermal Discharging
SAK311	85	'43333664_/121172882'	10		10	10	2.6	10	10	0.55 Yes	2.6 Thermal Discharging
SAK311	86	'121485470_/121485467'	3.33		3.33	3.33	0.87	1.2	3.33	0.18 Yes	0.87 Thermal Discharging
SAK311	87	'3502472_/43333666'	10		10	10	2.6	10	10	0.55 Yes	2.6 Thermal Discharging
SAK311	88	'8448615_/8448612_2'	3.33		3.33	3.33	0.87	1.2	3.33	0.18 Yes	0.87 Thermal Discharging
SAK311	89	'3502473_/3502470'	10		10	10	2.6	10	10	0.55 Yes	2.6 Thermal Discharging
SAK311	90	'69452475_/3512640'	10		10	10	2.6	8.5	10	0.55 Yes	2.6 Thermal Discharging
SAK311	91	'3518463_/3518515'	10		10	10	2.6	10	10	0.55 Yes	2.6 Thermal Discharging
SAK311	92	'3502489_/3517682_1'	10		10	10	2.6	3.6	10	0.55 Yes	2.6 Thermal Discharging
SAK311	93	'388213438_/3518461_1'	10		10	10	2.6	3.6	10	0.55 Yes	2.6 Thermal Discharging
SAK311	94	'3518535_/3518532'	10		10	10	2.6	10	10	0.55 Yes	2.6 Thermal Discharging
SAK311	95	'3503347_/588601836'	10		10	10	2.6	10	10	0.55 Yes	2.6 Thermal Discharging
SAK311	96	'133960740_/133960706_1'	3.33		3.33	3.33	0.87	1.2	3.33	0.18 Yes	0.87 Thermal Discharging
SAK311	97	'145077729_/121485482'	3.33		3.33	3.33	0.87	1.2	3.33	0.18 Yes	0.87 Thermal Discharging
SAK311	98	'626512317_/588601861'	10		10	10	2.6	10	10	0.55 Yes	2.6 Thermal Discharging
SAK311	99	'720582943_/588601880'	10		10	10	2.6	10	10	0.55 Yes	2.6 Thermal Discharging
SAK311	100	'7139508_/44072829'	10		10	10	2.6	3.6	10	0.55 Yes	2.6 Thermal Discharging
SAK311	101	'720583005_/7263803_2'	10		10	10	2.6	10	10	0.55 Yes	2.6 Thermal Discharging
SAK311	102	'3518572_/3518630'	10		10	10	2.6	10	10	0.55 Yes	2.6 Thermal Discharging
SAK311	103	'588601912_/588601909'	10		10	10	2.6	10	10	0.55 Yes	2.6 Thermal Discharging
SAK311	104	'3518464_/3518461_2'	10		10	10	2.6	3.6	10	0.55 Yes	2.6 Thermal Discharging
SAK311	105	'3503273_/588601945'	10		10	10	2.6	10	10	0.55 Yes	2.6 Thermal Discharging
SAK311	106	'133960709_/133960706_2'	3.33		3.33	3.33	0.87	1.2	3.33	0.18 Yes	0.87 Thermal Discharging
SAK311	107	'3518551_/3518610'	10		10	10	2.6	10	10	0.55 Yes	2.6 Thermal Discharging
SAK311	108	'3518552_/3518647_1'	10		10	10	2.6	3.6	10	0.55 Yes	2.6 Thermal Discharging
SAK311	109	'3512590_/3512587'	3.33		3.33	3.33	0.87	1.2	3.33	0.18 Yes	0.87 Thermal Discharging
SAK311	110	'588601966_/588601963'	10		10	10	2.6	10	10	0.55 Yes	2.6 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SAK311	111	'117464010_/_7158497'		10	10	10	2.6	3.6	10	0.55 Yes	2.6 Thermal Discharging
SAK311	112	'588601991_/_588601988'		10	10	10	2.6	10	10	0.55 Yes	2.6 Thermal Discharging
SAK311	113	'3518501_/_3518593'		10	10	10	2.6	10	10	0.55 Yes	2.6 Thermal Discharging
SAK311	114	'3517667_/_3517682_2'		10	10	10	2.6	3.6	10	0.55 Yes	2.6 Thermal Discharging
SAK311	115	'55831010_/_56491921_1'		10	10	10	2.6	3.6	10	0.55 Yes	2.6 Thermal Discharging
SAK311	116	'7897597_/_7897595_1'		10	10	10	2.6	2.2	10	0.55 Yes	2.2 Element Fault
SAK311	117	'4015277_/_588602019'		10	10	10	2.6	10	10	0.55 Yes	2.6 Thermal Discharging
SAK311	118	'7263806_/_7263803_1'		10	10	10	2.6	3.6	10	0.55 Yes	2.6 Thermal Discharging
SAK311	119	'7139531_/_7139528'	3.33	3.33	3.33	0.87	1.2	3.33	0.18 Yes	0.87 Thermal Discharging	
SAK311	120	'43424940_/_588602054'		10	10	10	2.6	10	10	0.55 Yes	2.6 Thermal Discharging
SAK311	121	'3512699_/_3517665'		10	10	10	2.6	3.6	10	0.55 Yes	2.6 Thermal Discharging
SAK311	122	'3503331_/_3518498'		10	10	10	2.6	10	10	0.55 Yes	2.6 Thermal Discharging
SAK311	123	'315834037_/_3518445_1'	3.33	3.33	3.33	0.87	0.9	3.33	0.18 Yes	0.87 Thermal Discharging	
SAK311	124	'7897598_/_7897595_2'		10	10	10	2.6	2.2	10	0.55 Yes	2.2 Element Fault
SAK311	125	'4015298_/_588602069'		10	10	10	2.6	10	10	0.54 Yes	2.6 Thermal Discharging
SAK311	126	'56491872_/_56491921_2'		10	10	10	2.6	3.6	10	0.55 Yes	2.6 Thermal Discharging
SAK311	127	'3503244_/_3518569_2'		10	10	10	2.6	10	10	0.55 Yes	2.6 Thermal Discharging
SAK311	128	'3512700_/_3512697'		10	10	10	2.6	3.6	10	0.55 Yes	2.6 Thermal Discharging
SAK311	129	'4015315_/_588601805'		10	10	10	2.6	10	10	0.54 Yes	2.6 Thermal Discharging
SAK311	130	'43326193_/_3518569_1'		10	10	10	2.6	3.6	10	0.55 Yes	2.6 Thermal Discharging
SAK311	131	'3503314_/_3503328'		10	10	10	2.6	10	10	0.55 Yes	2.6 Thermal Discharging
SAK311	132	'3971848_/_4016069'		10	10	10	2.6	10	10	0.54 Yes	2.6 Thermal Discharging
SAK311	133	'117463945_/_117463942'		10	10	10	2.6	3.6	10	0.55 Yes	2.6 Thermal Discharging
SAK311	134	'595655547_/_9185358_1'		10	10	10	2.6	2.2	10	0.54 Yes	2.2 Element Fault
SAK311	135	'4015204_/_4015366'		10	10	10	2.6	10	10	0.54 Yes	2.6 Thermal Discharging
SAK311	136	'43333703_/_3518647_2'		10	10	10	2.6	3.6	10	0.55 Yes	2.6 Thermal Discharging
SAK311	137	'315834084_/_3518445_2'	3.33	3.33	3.33	0.87	0.9	3.33	0.18 Yes	0.87 Thermal Discharging	
SAK311	138	'3503274_/_3503271'		10	10	10	2.6	10	10	0.55 Yes	2.6 Thermal Discharging
SAK311	139	'3518584_/_3518582_1'	3.33	3.33	3.33	0.87	0.7	3.33	0.18 Yes	0.7 Element Fault	
SAK311	140	'3968238_/_3971845'		10	10	10	2.6	10	10	0.54 Yes	2.6 Thermal Discharging
SAK311	141	'7291323_/_9185358_2'		10	10	10	2.6	2.2	10	0.54 Yes	2.2 Element Fault
SAK311	142	'43328003_/_43327993'	3.33	3.33	3.33	0.87	1.2	3.33	0.18 Yes	0.87 Thermal Discharging	
SAK311	143	'4015244_/_4015332'		10	10	10	2.6	10	10	0.54 Yes	2.6 Thermal Discharging
SAK311	144	'7607169_/_8869135'	6.67	6.67	6.67	1.73	1.47	6.67	0.36 Yes	1.47 Element Fault	
SAK311	145	'3503313_/_43326182_2'		10	10	10	2.6	10	10	0.54 Yes	2.6 Thermal Discharging
SAK311	146	'8243383_/_8869101_1'	3.33	3.33	3.33	0.87	0.7	3.33	0.18 Yes	0.7 Element Fault	
SAK311	147	'43326180_/_43326182_1'		10	10	10	2.6	10	10	0.54 Yes	2.6 Thermal Discharging
SAK311	148	'43424914_/_3968236'		10	10	10	2.6	10	10	0.54 Yes	2.6 Thermal Discharging
SAK311	149	'3518715_/_3518582_2'	3.33	3.33	3.33	0.87	0.7	3.33	0.18 Yes	0.7 Element Fault	
SAK311	150	'4015352_/_4015349'		10	10	10	2.6	10	10	0.54 Yes	2.6 Thermal Discharging
SAK311	151	'3502179_/_43326195'		10	10	10	2.6	3.6	10	0.55 Yes	2.6 Thermal Discharging
SAK311	152	'7607170_/_7607167'		10	10	10	2.6	2.2	10	0.54 Yes	2.2 Element Fault
SAK311	153	'4016787_/_4016767'		10	10	10	2.6	10	10	0.54 Yes	2.6 Thermal Discharging
SAK311	154	'4015479_/_4015550'		10	10	10	2.6	10	10	0.54 Yes	2.6 Thermal Discharging
SAK311	155	'7608733_/_7608731_1'		10	10	10	2.6	3.6	10	0.54 Yes	2.6 Thermal Discharging
SAK311	156	'3503297_/_3518481'		10	10	10	2.6	10	10	0.54 Yes	2.6 Thermal Discharging
SAK311	157	'43425053_/_4016801'		10	10	10	2.6	10	10	0.54 Yes	2.6 Thermal Discharging
SAK311	158	'4015516_/_43425018_2'	3.33	3.33	3.33	0.87	2.8	3.33	0.18 Yes	0.87 Thermal Discharging	
SAK311	159	'4015480_/_4015477'		10	10	10	2.6	10	10	0.54 Yes	2.6 Thermal Discharging
SAK311	160	'53361721_/_4016821'		10	10	10	2.6	10	10	0.54 Yes	2.6 Thermal Discharging
SAK311	161	'43424979_/_4015242'		10	10	10	2.6	10	10	0.54 Yes	2.6 Thermal Discharging
SAK311	162	'4015428_/_4015494'		10	10	10	2.6	10	10	0.54 Yes	2.6 Thermal Discharging
SAK311	163	'4015245_/_9499694_1'		10	10	10	2.6	3.6	10	0.54 Yes	2.6 Thermal Discharging
SAK311	164	'3502510_/_3502507'		10	10	10	2.6	3.6	10	0.55 Yes	2.6 Thermal Discharging
SAK311	165	'718571235_/_718571119_1'		10	10	10	2.6	3.6	10	0.54 Yes	2.6 Thermal Discharging
SAK311	166	'3503296_/_3503294'		10	10	10	2.6	10	10	0.54 Yes	2.6 Thermal Discharging
SAK311	167	'4015441_/_4015438_1'	3.33	3.33	3.33	0.87	1.2	3.33	0.18 Yes	0.87 Thermal Discharging	
SAK311	168	'4015585_/_4015599'		10	10	10	2.6	10	10	0.54 Yes	2.6 Thermal Discharging
SAK311	169	'43421997_/_4015222'		10	10	10	2.6	10	10	0.54 Yes	2.6 Thermal Discharging
SAK311	170	'4015385_/_4015527'		10	10	10	2.6	8.5	10	0.54 Yes	2.6 Thermal Discharging
SAK311	171	'52095351_/_4016838'		10	10	10	2.6	10	10	0.54 Yes	2.6 Thermal Discharging
SAK311	172	'4015454_/_4015438_2'	3.33	3.33	3.33	0.87	1.2	3.33	0.18 Yes	0.87 Thermal Discharging	
SAK311	173	'7499390_/_3502177'		10	10	10	2.6	3.6	10	0.55 Yes	2.6 Thermal Discharging
SAK311	174	'49960249_/_8245228_2'		10	10	10	2.6	10	10	0.54 Yes	2.6 Thermal Discharging
SAK311	175	'117045855_/_4015831'		10	10	10	2.6	10	10	0.54 Yes	2.6 Thermal Discharging
SAK311	176	'7499391_/_8442284_1'		10	10	10	2.6	2.2	10	0.55 Yes	2.2 Element Fault
SAK311	177	'7608734_/_7608731_2'		10	10	10	2.6	3.6	10	0.54 Yes	2.6 Thermal Discharging
SAK311	178	'4015694_/_4015691_3'		10	10	10	2.6	8.5	10	0.54 Yes	2.6 Thermal Discharging
SAK311	179	'4015386_/_4015396_1'	3.33	3.33	3.33	0.87	1.2	3.33	0.18 Yes	0.87 Thermal Discharging	
SAK311	180	'8243398_/_8869101_2'	3.33	3.33	3.33	0.87	0.7	3.33	0.18 Yes	0.7 Element Fault	
SAK311	181	'8245231_/_8245228_1'		10	10	10	2.6	3.9	10	0.54 Yes	2.6 Thermal Discharging
SAK311	182	'43425016_/_43425018_1'	3.33	3.33	3.33	0.87	1.2	3.33	0.18 Yes	0.87 Thermal Discharging	
SAK311	183	'121485827_/_43328005'	3.33	3.33	3.33	0.87	1.2	3.33	0.18 Yes	0.87 Thermal Discharging	
SAK311	184	'52095346_/_52095348'		10	10	10	2.6	10	10	0.54 Yes	2.6 Thermal Discharging
SAK311	185	'595656012_/_52095318_1'		10	10	10	2.6	10	10	0.54 Yes	2.6 Thermal Discharging
SAK311	186	'718571122_/_718571119_2'		10	10	10	2.6	3.6	10	0.54 Yes	2.6 Thermal Discharging
SAK311	187	'4015759_/_4015848'		10	10	10	2.6	10	10	0.54 Yes	2.6 Thermal Discharging
SAK311	188	'3518275_/_3518289'		10	10	10	2.6	10	10	0.54 Yes	2.6 Thermal Discharging
SAK311	189	'3503470_/_3518272'		10	10	10	2.6	10	10	0.54 Yes	2.6 Thermal Discharging
SAK311	190	'404626761_/_4015691_2'		10	10	10	2.6	3.6	10	0.54 Yes	2.6 Thermal Discharging
SAK311	191	'8442287_/_8442284_2'		10	10	10	2.6	2.2	10	0.55 Yes	2.2 Element Fault
SAK311	192	'3503453_/_3503467'		10	10	10	2.6	10	10	0.54 Yes	2.6 Thermal Discharging
SAK311	193	'7607433_/_8869453'		10	10	10	2.6	3.6	10	0.54 Yes	2.6 Thermal Discharging
SAK311	194	'3508913_/_3508910'		10	10	10	2.6	3.6	10	0.55 Yes	2.6 Thermal Discharging
SAK311	195	'3519047_/_9157813_2'		10	10	10	2.6	10	10	0.54 Yes	2.6 Thermal Discharging
SAK311	196	'43422455_/_4015464'	3.33	3.33	3.33	0.87	1.2	3.33	0.18 Yes	0.87 Thermal Discharging	
SAK311	197	'3968268_/_52095318_2'		10	10	10	2.6	10	10	0.54 Yes	2.6 Thermal Discharging
SAK311	198	'7928704_/_9185823'		10	10	10	2.6	2.2	10	0.54 Yes	2.2 Element Fault
SAK311	199	'7897403_/_9157609_1'		10	10	10	2.6	2.2	10	0.55 Yes	2.2 Element Fault
SAK311	200	'43425066_/_43425068'		10	10	10	2.6	10	10	0.54 Yes	2.6 Thermal Discharging
SAK311	201	'4015760_/_4015757'		10	10	10	2.6	10	10	0.54 Yes	2.6 Thermal Discharging
SAK311	202	'3974943_/_3974940_2'		10	10	10	2.6	10	10	0.54 Yes	2.6 Thermal Discharging
SAK311	203	'3968269_/_3968266'		10	10	10	2.6	10	10	0.54 Yes	2.6 Thermal Discharging
SAK311	204	'387080077_/_3503450_2'		10	10	10	2.6	10	10	0.54 Yes	2.6 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SAK311	205	'7897404_/_9157609_2'		10	10	10	2.6	2.2	10	0.54 Yes	2.2 Element Fault
SAK311	206	'9185193_/_9499694_2'		10	10	10	2.6	3.6	10	0.54 Yes	2.6 Thermal Discharging
SAK311	207	'3502616_/_3503450_1'		10	10	10	2.6	3.7	10	0.54 Yes	2.6 Thermal Discharging
SAK311	208	'4015648_/_4015691_1'		10	10	10	2.6	3.6	10	0.54 Yes	2.6 Thermal Discharging
SAK311	209	'4015780_/_4015777'		10	10	10	2.6	10	10	0.54 Yes	2.6 Thermal Discharging
SAK311	210	'43421904_/_43424955'		10	10	10	2.6	3.6	10	0.54 Yes	2.6 Thermal Discharging
SAK311	211	'3968301_/_3968316'		10	10	10	2.6	10	10	0.54 Yes	2.6 Thermal Discharging
SAK311	212	'3974875_/_3974940_1'		10	10	10	0	10	10	10 Yes	0 Thermal Discharging
SAK311	213	'362036335_/_43421906_1'	3.33	3.33	3.33	0.87	0.7	3.33	3.33	0.18 Yes	0.7 Element Fault
SAK311	214	'7928705_/_7928702'		10	10	10	2.6	2.2	10	0.54 Yes	2.2 Element Fault
SAK311	215	'595655662_/_9185242_2'		10	10	10	2.6	10	10	0.54 Yes	2.6 Thermal Discharging
SAK311	216	'4047068_/_4047065'		10	10	10	2.6	2.8	10	0.54 Yes	2.6 Thermal Discharging
SAK311	217	'7607434_/_7607431'		10	10	10	2.6	3.6	10	0.54 Yes	2.6 Thermal Discharging
SAK311	218	'3968302_/_3968299'		10	10	10	2.6	10	10	0.54 Yes	2.6 Thermal Discharging
SAK311	219	'8213026_/_8213023'		10	10	10	2.6	2.2	10	0.54 Yes	2.2 Element Fault
SAK311	220	'4016438_/_4016435'		10	10	10	2.6	10	10	0.54 Yes	2.6 Thermal Discharging
SAK311	221	'3974858_/_3974872'		10	10	10	0	10	10	10 Yes	0 Thermal Discharging
SAK311	222	'3987607_/_4016312'	3.33	3.33	3.33	0.87	1.2	3.33	3.33	0.18 Yes	0.87 Thermal Discharging
SAK311	223	'3502615_/_3502613'		10	10	10	2.6	3.7	10	0.54 Yes	2.6 Thermal Discharging
SAK311	224	'3518700_/_3518697'	3.33	3.33	3.33	0.87	3.33	3.33	3.33	0.18 Yes	0.87 Thermal Discharging
SAK311	225	'3968362_/_3968359'		10	10	10	2.6	10	10	0.54 Yes	2.6 Thermal Discharging
SAK311	226	'3502196_/_3502193'	3.33	3.33	3.33	0.87	1.2	3.33	3.33	0.18 Yes	0.87 Thermal Discharging
SAK311	227	'3974857_/_3974855'		10	10	10	0	10	10	10 Yes	0 Thermal Discharging
SAK311	228	'3968379_/_3968376'		10	10	10	2.6	10	10	0.54 Yes	2.6 Thermal Discharging
SAK311	229	'3502159_/_3508930'		10	10	10	2.6	3.6	10	0.54 Yes	2.6 Thermal Discharging
SAK311	230	'43421871_/_4015396_2'	3.33	3.33	3.33	0.87	1.2	3.33	3.33	0.18 Yes	0.87 Thermal Discharging
SAK311	231	'3968335_/_718571191'	3.33	3.33	3.33	0.87	1.2	3.33	3.33	0.18 Yes	0.87 Thermal Discharging
SAK311	232	'3968285_/_3968283'	3.33	3.33	3.33	0.87	3.33	3.33	3.33	0.18 Yes	0.87 Thermal Discharging
SAK311	233	'8231679_/_8231676'		10	10	10	2.6	3.6	10	0.54 Yes	2.6 Thermal Discharging
SAK311	234	'241639026_/_241638976_1'		10	10	10	2.6	3.6	10	0.54 Yes	2.6 Thermal Discharging
SAK311	235	'4016458_/_4016455'		10	10	10	2.6	10	10	0.54 Yes	2.6 Thermal Discharging
SAK311	236	'8243399_/_8243396'	3.33	3.33	3.33	0.87	0.7	3.33	3.33	0.18 Yes	0.7 Element Fault
SAK311	237	'43421893_/_43421906_2'	3.33	3.33	3.33	0.87	0.7	3.33	3.33	0.18 Yes	0.7 Element Fault
SAK311	238	'3969220_/_3969217'		10	10	10	2.6	10	10	0.54 Yes	2.6 Thermal Discharging
SAK311	239	'8555021_/_8555018'	6.67	6.67	6.67	1.73	2.4	6.67	6.67	0.36 Yes	1.73 Thermal Discharging
SAK311	240	'3974909_/_3974923'		10	10	10	0	10	10	10 Yes	0 Thermal Discharging
SAK311	241	'69941081_/_3502630'		10	10	10	2.6	3.7	10	0.54 Yes	2.6 Thermal Discharging
SAK311	242	'3968255_/_3968253'	3.33	3.33	3.33	0.87	1.2	3.33	3.33	0.18 Yes	0.87 Thermal Discharging
SAK311	243	'3974908_/_3974906'		10	10	10	0	10	10	10 Yes	0 Thermal Discharging
SAK311	244	'43424848_/_3969552'		10	10	10	2.6	10	10	0.54 Yes	2.6 Thermal Discharging
SAK311	245	'3502598_/_3502596'		10	10	10	2.6	3.7	10	0.54 Yes	2.6 Thermal Discharging
SAK311	246	'43421882_/_3987605'	3.33	3.33	3.33	0.87	1.2	3.33	3.33	0.18 Yes	0.87 Thermal Discharging
SAK311	247	'4016475_/_4016472'		10	10	10	2.6	10	10	0.54 Yes	2.6 Thermal Discharging
SAK311	248	'387080213_/_7897361_1'		10	10	10	2.6	2.2	10	0.54 Yes	2.2 Element Fault
SAK311	249	'3502578_/_7097244'		10	10	10	0	10	10	10 Yes	0 Thermal Discharging
SAK311	250	'3969237_/_43424850'		10	10	10	2.6	10	10	0.54 Yes	2.6 Thermal Discharging
SAK311	251	'3502160_/_3502157'		10	10	10	2.6	3.6	10	0.54 Yes	2.6 Thermal Discharging
SAK311	252	'3502212_/_3502209'	3.33	3.33	3.33	0.87	1.2	3.33	3.33	0.18 Yes	0.87 Thermal Discharging
SAK311	253	'3502579_/_3502576'		10	10	10	0	10	10	10 Yes	0 Thermal Discharging
SAK311	254	'580837797_/_241638976_2'		10	10	10	2.6	3.6	10	0.54 Yes	2.6 Thermal Discharging
SAK311	255	'75146503_/_3517699'		10	10	10	0	10	10	10 Yes	0 Thermal Discharging
SAK311	256	'645629430_/_4016539'		10	10	10	2.6	10	10	0.54 Yes	2.6 Thermal Discharging
SAK311	257	'8522272_/_9157813_1'		10	10	10	0.28	10	10	10 Yes	0.28 Thermal Discharging
SAK311	258	'411117079_/_411116933_1'		10	10	10	2.6	3.6	10	0.54 Yes	2.6 Thermal Discharging
SAK311	259	'3987684_/_3987681'	3.33	3.33	3.33	0.87	0.7	3.33	3.33	0.18 Yes	0.7 Element Fault
SAK311	260	'580837863_/_580837803'		10	10	10	2.6	3.6	10	0.54 Yes	2.6 Thermal Discharging
SAK311	261	'3965208_/_4015645'	3.33	3.33	3.33	0.87	1.2	3.33	3.33	0.18 Yes	0.87 Thermal Discharging
SAK311	262	'7607189_/_9185190'		10	10	10	2.6	3.6	10	0.54 Yes	2.6 Thermal Discharging
SAK311	263	'61696930_/_49451120_2'	3.33	3.33	3.33	0	3.33	3.33	3.33	3.33 Yes	0 Thermal Discharging
SAK311	264	'3969271_/_3969268'		10	10	10	2.6	10	10	0.54 Yes	2.6 Thermal Discharging
SAK311	265	'63758182_/_3969285_1'		10	10	10	2.6	10	10	0.54 Yes	2.6 Thermal Discharging
SAK311	266	'3968336_/_3968333'	3.33	3.33	3.33	0.87	1.2	3.33	3.33	0.18 Yes	0.87 Thermal Discharging
SAK311	267	'3502599_/_63884506'		10	10	10	2.6	3.7	10	0.54 Yes	2.6 Thermal Discharging
SAK311	268	'4016542_/_645629434'		10	10	10	2.6	10	10	0.54 Yes	2.6 Thermal Discharging
SAK311	269	'3969288_/_3969285_2'		10	10	10	2.6	10	10	0.54 Yes	2.6 Thermal Discharging
SAK311	270	'63758197_/_63758160_2'	3.33	3.33	3.33	0.87	3.33	3.33	3.33	0.18 Yes	0.87 Thermal Discharging
SAK311	271	'118441984_/_7607187'		10	10	10	2.6	3.6	10	0.54 Yes	2.6 Thermal Discharging
SAK311	272	'49451123_/_49451120_1'	3.33	3.33	3.33	0	0.2	3.33	3.33	3.33 Yes	0 Thermal Discharging
SAK311	273	'8231663_/_8869437'	3.33	3.33	3.33	0.87	0.7	3.33	3.33	0.18 Yes	0.7 Element Fault
SAK311	274	'3968506_/_3968504'	3.33	3.33	3.33	0.87	1.2	3.33	3.33	0.18 Yes	0.87 Thermal Discharging
SAK311	275	'7796191_/_7796189_2'		10	10	10	2.6	10	10	0.54 Yes	2.6 Thermal Discharging
SAK311	276	'3987608_/_43421884'	3.33	3.33	3.33	0.87	1.2	3.33	3.33	0.18 Yes	0.87 Thermal Discharging
SAK311	277	'3968209_/_43421873'	3.33	3.33	3.33	0.87	1.2	3.33	3.33	0.18 Yes	0.87 Thermal Discharging
SAK311	278	'3969308_/_3969305'		10	10	10	2.6	10	10	0.54 Yes	2.6 Thermal Discharging
SAK311	279	'7291324_/_7291321'	3.33	3.33	3.33	0.87	0.73	3.33	3.33	0.18 Yes	0.73 Element Fault
SAK311	280	'469722671_/_469722675'		10	10	10	2.6	10	10	0.54 Yes	2.6 Thermal Discharging
SAK311	281	'3508484_/_3508481'		10	10	10	2.6	3.7	10	0.54 Yes	2.6 Thermal Discharging
SAK311	282	'3969325_/_3969322'		10	10	10	2.6	10	10	0.54 Yes	2.6 Thermal Discharging
SAK311	283	'8131824_/_8243464_1'		10	10	10	2.6	3.6	10	0.54 Yes	2.6 Thermal Discharging
SAK311	284	'3969342_/_3969339'		10	10	10	2.6	10	10	0.54 Yes	2.6 Thermal Discharging
SAK311	285	'4015938_/_4016590'		10	10	10	2.6	10	10	0.54 Yes	2.6 Thermal Discharging
SAK311	286	'7796192_/_7796189_1'		10	10	10	2.6	3.7	10	0.54 Yes	2.6 Thermal Discharging
SAK311	287	'533416812_/_533416809'	3.33	3.33	3.33	0.87	1.2	3.33	3.33	0.18 Yes	0.87 Thermal Discharging
SAK311	288	'7897364_/_7897361_2'		10	10	10	2.6	2.2	10	0.54 Yes	2.2 Element Fault
SAK311	289	'3508501_/_3508498'		10	10	10	2.6	3.7	10	0.54 Yes	2.6 Thermal Discharging
SAK311	290	'43424835_/_7187972'		10	10	10	2.6	10	10	0.54 Yes	2.6 Thermal Discharging
SAK311	291	'7928492_/_8231660'	3.33	3.33	3.33	0.87	0.7	3.33	3.33	0.18 Yes	0.7 Element Fault
SAK311	292	'8869476_/_8869473'		10	10	10	2.6	3.6	10	0.54 Yes	2.6 Thermal Discharging
SAK311	293	'63758216_/_63758160_1'	3.33	3.33	3.33	0.87	1.2	3.33	3.33	0.18 Yes	0.87 Thermal Discharging
SAK311	294	'4015887_/_4015936'		10	10	10	2.6	10	10	0.54 Yes	2.6 Thermal Discharging
SAK311	295	'241639006_/_580837867'		10	10	10	2.6	3.6	10	0.54 Yes	2.6 Thermal Discharging
SAK311	296	'7928493_/_7928490'	3.33	3.33	3.33	0.87	0.7	3.33	3.33	0.18 Yes	0.7 Element Fault
SAK311	297	'7928225_/_8554842'	3.33	3.33	3.33	0.87	0.73	3.33	3.33	0.18 Yes	0.73 Element Fault
SAK311	298	'448377448_/_3508881_2'	3.33	3.33	3.33	0	3.33	3.33	3.33	3.33 Yes	0 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SAK311	299	'3971279_/_43424837'	10	10	10	2.6	10	10	0.54	Yes	2.6 Thermal Discharging
SAK311	300	'411116914_/_411116933_2'	10	10	10	2.6	3.6	10	0.54	Yes	2.6 Thermal Discharging
SAK311	301	'3502666_/_3508515'	10	10	10	2.6	3.7	10	0.54	Yes	2.6 Thermal Discharging
SAK311	302	'4015888_/_4015885'	10	10	10	2.6	10	10	0.54	Yes	2.6 Thermal Discharging
SAK311	303	'43421522_/_43421524'	3.33	3.33	3.33	0.87	1.2	3.33	0.18	Yes	0.87 Thermal Discharging
SAK311	304	'533416832_/_533416830'	3.33	3.33	3.33	0.87	1.2	3.33	0.18	Yes	0.87 Thermal Discharging
SAK311	305	'50722988_/_3508881_1'	3.33	3.33	3.33	0	1.2	3.33	3.33	Yes	0 Thermal Discharging
SAK311	306	'3971280_/_3971277'	10	10	10	2.6	3.6	10	0.54	Yes	2.6 Thermal Discharging
SAK311	307	'411117131_/_411116976_1'	10	10	10	2.6	3.7	10	0.54	Yes	2.6 Thermal Discharging
SAK311	308	'108539545_/_108539522_1'	10	10	10	2.6	3.6	10	0.54	Yes	2.6 Thermal Discharging
SAK311	309	'387080249_/_3502650_1'	3.33	3.33	3.33	0.87	0.7	3.33	0.18	Yes	0.7 Element Fault
SAK311	310	'4015921_/_4016007'	10	10	10	2.6	10	10	0.54	Yes	2.6 Thermal Discharging
SAK311	311	'3987546_/_3987543'	3.33	3.33	3.33	0.87	1.2	3.33	0.18	Yes	0.87 Thermal Discharging
SAK311	312	'43424822_/_7187992'	10	10	10	2.6	10	10	0.54	Yes	2.6 Thermal Discharging
SAK311	313	'9062721_/_9062759'	10	10	10	2.6	3.7	10	0.54	Yes	2.6 Thermal Discharging
SAK311	314	'622933790_/_9502266_1'	10	10	10	2.6	3.6	10	0.54	Yes	2.6 Thermal Discharging
SAK311	315	'108539565_/_108539522_2'	10	10	10	2.6	3.6	10	0.54	Yes	2.6 Thermal Discharging
SAK311	316	'3508447_/_3508461'	10	10	10	2.6	3.7	10	0.54	Yes	2.6 Thermal Discharging
SAK311	317	'4015922_/_4015919'	10	10	10	2.6	10	10	0.54	Yes	2.6 Thermal Discharging
SAK311	318	'7928224_/_7928222'	3.33	3.33	3.33	0.87	0.73	3.33	0.18	Yes	0.73 Element Fault
SAK311	319	'4016175_/_4016653'	10	10	10	2.6	10	10	0.54	Yes	2.6 Thermal Discharging
SAK311	320	'3973987_/_43424824'	10	10	10	2.6	10	10	0.54	Yes	2.6 Thermal Discharging
SAK311	321	'8243467_/_8243464_2'	10	10	10	2.6	3.6	10	0.54	Yes	2.6 Thermal Discharging
SAK311	322	'3973986_/_3973984'	10	10	10	2.6	10	10	0.54	Yes	2.6 Thermal Discharging
SAK311	323	'55147884_/_3994260'	10	10	10	2.6	10	10	0.54	Yes	2.6 Thermal Discharging
SAK311	324	'9185245_/_9185242_1'	10	10	10	2.6	3.6	10	0.54	Yes	2.6 Thermal Discharging
SAK311	325	'3508430_/_3508444'	10	10	10	2.6	3.7	10	0.54	Yes	2.6 Thermal Discharging
SAK311	326	'3971121_/_3974132'	10	10	10	2.6	10	10	0.54	Yes	2.6 Thermal Discharging
SAK311	327	'3987562_/_3987559'	3.33	3.33	3.33	0.87	1.2	3.33	0.18	Yes	0.87 Thermal Discharging
SAK311	328	'55166848_/_4016173'	10	10	10	2.6	10	10	0.54	Yes	2.6 Thermal Discharging
SAK311	329	'3502552_/_43333728'	3.33	3.33	3.33	0	1.2	3.33	3.33	Yes	0 Thermal Discharging
SAK311	330	'43426562_/_7188009'	10	10	10	2.6	10	10	0.54	Yes	2.6 Thermal Discharging
SAK311	331	'76682763_/_3971118'	10	10	10	2.6	10	10	0.54	Yes	2.6 Thermal Discharging
SAK311	332	'76682791_/_73243164_1'	3.33	3.33	3.33	0.87	1.2	3.33	0.18	Yes	0.87 Thermal Discharging
SAK311	333	'3508412_/_3508427'	10	10	10	2.6	3.7	10	0.54	Yes	2.6 Thermal Discharging
SAK311	334	'43426549_/_43426564'	10	10	10	2.6	10	10	0.54	Yes	2.6 Thermal Discharging
SAK311	335	'626296179_/_43426538_2'	10	10	10	2.6	10	10	0.54	Yes	2.6 Thermal Discharging
SAK311	336	'387080317_/_9157589_2'	10	10	10	2.6	3.7	10	0.54	Yes	2.6 Thermal Discharging
SAK311	337	'3971100_/_3971098'	10	10	10	2.6	10	10	0.54	Yes	2.6 Thermal Discharging
SAK311	338	'3965207_/_3965205'	3.33	3.33	3.33	0.87	1.2	3.33	0.18	Yes	0.87 Thermal Discharging
SAK311	339	'7607225_/_9185262'	10	10	10	2.6	3.6	10	0.54	Yes	2.6 Thermal Discharging
SAK311	340	'3502653_/_3502650_2'	3.33	3.33	3.33	0.87	0.7	3.33	0.18	Yes	0.7 Element Fault
SAK311	341	'7928724_/_7928722'	3.33	3.33	3.33	0.87	0.73	3.33	0.18	Yes	0.73 Element Fault
SAK311	342	'3974264_/_3974262'	10	10	10	2.6	10	10	0.54	Yes	2.6 Thermal Discharging
SAK311	343	'3508413_/_3508410'	10	10	10	2.6	3.7	10	0.54	Yes	2.6 Thermal Discharging
SAK311	344	'3974315_/_3974313'	10	10	10	2.6	10	10	0.54	Yes	2.6 Thermal Discharging
SAK311	345	'3968483_/_3971343'	10	10	10	2.6	3.6	10	0.54	Yes	2.6 Thermal Discharging
SAK311	346	'4015621_/_4015953'	10	10	10	2.6	8.5	10	0.54	Yes	2.6 Thermal Discharging
SAK311	347	'108539511_/_108539571'	10	10	10	2.6	3.6	10	0.54	Yes	2.6 Thermal Discharging
SAK311	348	'7291340_/_7291337'	10	10	10	2.6	3.6	10	0.54	Yes	2.6 Thermal Discharging
SAK311	349	'156687320_/_3974415'	10	10	10	2.6	10	10	0.54	Yes	2.6 Thermal Discharging
SAK311	350	'9157591_/_9157589_1'	10	10	10	2.6	2.2	10	0.54	Yes	2.2 Element Fault
SAK311	351	'72002619_/_72002630'	3.33	3.33	3.33	0.87	0.73	3.33	0.18	Yes	0.73 Element Fault
SAK311	352	'7928240_/_9500174'	3.33	3.33	3.33	0.87	0.73	3.33	0.18	Yes	0.73 Element Fault
SAK311	353	'3971063_/_3974432'	10	10	10	2.6	10	10	0.54	Yes	2.6 Thermal Discharging
SAK311	354	'431991827_/_431741472'	10	10	10	0.28	10	10	10	Yes	0.28 Thermal Discharging
SAK311	355	'3508742_/_3508776'	10	10	10	2.6	3.7	10	0.54	Yes	2.6 Thermal Discharging
SAK311	356	'3970817_/_3971081'	10	10	10	2.6	10	10	0.54	Yes	2.6 Thermal Discharging
SAK311	357	'431741373_/_431741436'	10	10	10	0.28	10	10	10	Yes	0.28 Thermal Discharging
SAK311	358	'76682764_/_73243164_2'	3.33	3.33	3.33	0.87	1.2	3.33	0.18	Yes	0.87 Thermal Discharging
SAK311	359	'3502553_/_3502550'	3.33	3.33	3.33	0	1.2	3.33	3.33	Yes	0 Thermal Discharging
SAK311	360	'43426136_/_3970814'	10	10	10	2.6	10	10	0.54	Yes	2.6 Thermal Discharging
SAK311	361	'3502565_/_3502563'	3.33	3.33	3.33	0	1.2	3.33	3.33	Yes	0 Thermal Discharging
SAK311	362	'3508725_/_3508739'	10	10	10	2.6	3.7	10	0.54	Yes	2.6 Thermal Discharging
SAK311	363	'43424874_/_3968481'	10	10	10	2.6	3.6	10	0.54	Yes	2.6 Thermal Discharging
SAK311	364	'4015673_/_4015671'	10	10	10	2.6	8.5	10	0.54	Yes	2.6 Thermal Discharging
SAK311	365	'43426176_/_43426178'	10	10	10	2.6	10	10	0.54	Yes	2.6 Thermal Discharging
SAK311	366	'3970763_/_3970950'	10	10	10	2.6	10	10	0.54	Yes	2.6 Thermal Discharging
SAK311	367	'422084080_/_43424876_1'	10	10	10	2.6	1.4	10	0.54	Yes	1.4 Element Fault
SAK311	368	'39680868_/_9062719'	10	10	10	2.6	3.7	10	0.54	Yes	2.6 Thermal Discharging
SAK311	369	'3508708_/_3508722'	10	10	10	2.6	3.7	10	0.54	Yes	2.6 Thermal Discharging
SAK311	370	'422084087_/_43424876_2'	10	10	10	2.6	1.4	10	0.54	Yes	1.4 Element Fault
SAK311	371	'3970919_/_3970933'	10	10	10	2.6	10	10	0.54	Yes	2.6 Thermal Discharging
SAK311	372	'9380881_/_9380878'	10	10	10	2.6	2.2	10	0.54	Yes	2.2 Element Fault
SAK311	373	'8231642_/_8231640_1'	10	10	10	2.6	6	10	0.54	Yes	2.6 Thermal Discharging
SAK311	374	'3970902_/_3970916'	10	10	10	2.6	10	10	0.54	Yes	2.6 Thermal Discharging
SAK311	375	'8243414_/_8243412'	3.33	3.33	3.33	0.87	0.73	3.33	0.18	Yes	0.73 Element Fault
SAK311	376	'3971867_/_3971865'	10	10	10	2.6	3.6	10	0.54	Yes	2.6 Thermal Discharging
SAK311	377	'3502681_/_3502679'	3.33	3.33	3.33	0.87	0.7	3.33	0.18	Yes	0.7 Element Fault
SAK311	378	'3508691_/_3508705'	10	10	10	2.6	3.7	10	0.54	Yes	2.6 Thermal Discharging
SAK311	379	'3970764_/_3970761_1'	10	10	10	2.6	4.5	10	0.54	Yes	2.6 Thermal Discharging
SAK311	380	'3971064_/_3971061'	10	10	10	2.6	10	10	0.54	Yes	2.6 Thermal Discharging
SAK311	381	'3970885_/_3970899'	10	10	10	2.6	10	10	0.54	Yes	2.6 Thermal Discharging
SAK311	382	'3970868_/_3970882'	10	10	10	2.6	10	10	0.54	Yes	2.6 Thermal Discharging
SAK311	383	'8243700_/_8243698_1'	10	10	10	2.6	5.6	10	0.54	Yes	2.6 Thermal Discharging
SAK311	384	'580837831_/_580837847'	3.33	3.33	3.33	0.87	1.2	3.33	0.18	Yes	0.87 Thermal Discharging
SAK311	385	'7928473_/_7928470_2'	10	10	10	2.6	10	10	0.54	Yes	2.6 Thermal Discharging
SAK311	386	'7897343_/_8522269'	10	10	10	0.28	10	10	10	Yes	0.28 Thermal Discharging
SAK311	387	'4342662_/_3970865'	10	10	10	2.6	10	10	0.54	Yes	2.6 Thermal Discharging
SAK311	388	'3970784_/_3970761_2'	10	10	10	2.6	4.5	10	0.54	Yes	2.6 Thermal Discharging
SAK311	389	'460464216_/_8231640_2'	10	10	10	2.6	6	10	0.54	Yes	2.6 Thermal Discharging
SAK311	390	'3508690_/_3508688'	10	10	10	2.6	3.7	10	0.54	Yes	2.6 Thermal Discharging
SAK311	391	'8231643_/_460464388'	10	10	10	2.6	6	10	0.54	Yes	2.6 Thermal Discharging
SAK311	392	'3508674_/_3508759'	10	10	10	2.6	3.7	10	0.54	Yes	2.6 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over- Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SAK311	393	'3970851_/3970970'		10	10	10	2.6	10	10	0.54 Yes	2.6 Thermal Discharging
SAK311	394	'51632980_/51632982'		10	10	10	2.6	10	10	0.54 Yes	2.6 Thermal Discharging
SAK311	395	'3974841_/7097264'	3.33		3.33	3.33	0	1.2	3.33	3.33 Yes	0 Thermal Discharging
SAK311	396	'9062701_/44094531'		10	10	10	2.6	3.7	10	0.54 Yes	2.6 Thermal Discharging
SAK311	397	'55544631_/51633063_1'		10	10	10	2.6	3.6	10	0.54 Yes	2.6 Thermal Discharging
SAK311	398	'3970834_/3970848'		10	10	10	2.6	10	10	0.54 Yes	2.6 Thermal Discharging
SAK311	399	'51633056_/51633063_2'		10	10	10	2.6	3.6	10	0.54 Yes	2.6 Thermal Discharging
SAK311	400	'3508657_/3508671'		10	10	10	2.6	3.7	10	0.54 Yes	2.6 Thermal Discharging
SAK311	401	'118061230_/7928470_1'		10	10	10	2.6	5.6	10	0.54 Yes	2.6 Thermal Discharging
SAK311	402	'118061275_/118061286'		10	10	10	2.6	5.6	10	0.54 Yes	2.6 Thermal Discharging
SAK311	403	'61030625_/9062699'		10	10	10	2.6	3.7	10	0.54 Yes	2.6 Thermal Discharging
SAK311	404	'9370604_/9370602'	3.33		3.33	3.33	0.87	0.73	3.33	0.18 Yes	0.73 Element Fault
SAK311	405	'118061305_/118061341'		10	10	10	2.6	5.6	10	0.54 Yes	2.6 Thermal Discharging
SAK311	406	'7263628_/7897341'		10	10	10	0.28	10	10	10 Yes	0.28 Thermal Discharging
SAK311	407	'61030686_/61030693'		10	10	10	2.6	3.7	10	0.54 Yes	2.6 Thermal Discharging
SAK311	408	'3508640_/3508654'		10	10	10	2.6	3.7	10	0.54 Yes	2.6 Thermal Discharging
SAK311	409	'515816511_/483408530'		10	10	10	2.6	3.6	10	0.54 Yes	2.6 Thermal Discharging
SAK311	410	'7607472_/8869509'	3.33		3.33	3.33	0.87	1.2	3.33	0.18 Yes	0.87 Thermal Discharging
SAK311	411	'61030654_/61030706'		10	10	10	2.6	3.7	10	0.54 Yes	2.6 Thermal Discharging
SAK311	412	'3508387_/3508384'	3.33		3.33	3.33	0.87	0.7	3.33	0.18 Yes	0.7 Element Fault
SAK311	413	'3508623_/3508637'		10	10	10	2.6	3.7	10	0.54 Yes	2.6 Thermal Discharging
SAK311	414	'8243701_/8243698_2'		10	10	10	2.6	5.6	10	0.54 Yes	2.6 Thermal Discharging
SAK311	415	'3974842_/3974839'	3.33		3.33	3.33	0	1.2	3.33	3.33 Yes	0 Thermal Discharging
SAK311	416	'7607241_/61030656'		10	10	10	2.6	3.7	10	0.54 Yes	2.6 Thermal Discharging
SAK311	417	'3508606_/3508620'		10	10	10	2.6	3.7	10	0.54 Yes	2.6 Thermal Discharging
SAK311	418	'122914465_/118061310'		10	10	10	2.6	5.6	10	0.54 Yes	2.6 Thermal Discharging
SAK311	419	'7291360_/7607239'		10	10	10	2.6	3.7	10	0.54 Yes	2.6 Thermal Discharging
SAK311	420	'483408548_/483408580'		10	10	10	2.6	3.6	10	0.54 Yes	2.6 Thermal Discharging
SAK311	421	'7291359_/7291357'		10	10	10	2.6	3.7	10	0.54 Yes	2.6 Thermal Discharging
SAK311	422	'3508586_/3508603'		10	10	10	2.6	3.7	10	0.54 Yes	2.6 Thermal Discharging
SAK311	423	'515816478_/515816486'		10	10	10	2.6	3.6	10	0.54 Yes	2.6 Thermal Discharging
SAK311	424	'52431025_/9185282'		10	10	10	2.6	3.7	10	0.54 Yes	2.6 Thermal Discharging
SAK311	425	'431741380_/431741416'		10	10	10	0.28	10	10	10 Yes	0.28 Thermal Discharging
SAK311	426	'3508400_/3508397'	3.33		3.33	3.33	0.87	0.7	3.33	0.18 Yes	0.7 Element Fault
SAK311	427	'3508569_/3508583'		10	10	10	2.6	3.7	10	0.54 Yes	2.6 Thermal Discharging
SAK311	428	'431991835_/7263625'		10	10	10	0.28	10	10	10 Yes	0.28 Thermal Discharging
SAK311	429	'7928261_/122914529'		10	10	10	2.6	5.6	10	0.54 Yes	2.6 Thermal Discharging
SAK311	430	'52431098_/52431105'		10	10	10	2.6	3.7	10	0.54 Yes	2.6 Thermal Discharging
SAK311	431	'3508552_/3508566'		10	10	10	2.6	3.7	10	0.54 Yes	2.6 Thermal Discharging
SAK311	432	'52431060_/52431126'		10	10	10	2.6	3.7	10	0.54 Yes	2.6 Thermal Discharging
SAK311	433	'3508535_/3508549'		10	10	10	2.6	3.7	10	0.54 Yes	2.6 Thermal Discharging
SAK311	434	'122914544_/122914600'		10	10	10	2.6	5.6	10	0.54 Yes	2.6 Thermal Discharging
SAK311	435	'468016275_/468016219'	6.67		6.67	6.67	1.73	2.47	6.67	0.36 Yes	1.73 Thermal Discharging
SAK311	436	'7607226_/7607223'	3.33		3.33	3.33	0.87	1.2	3.33	0.18 Yes	0.87 Thermal Discharging
SAK311	437	'468016215_/52431062'		10	10	10	2.6	3.7	10	0.54 Yes	2.6 Thermal Discharging
SAK311	438	'7291339_/8243428'	3.33		3.33	3.33	0.87	1.2	3.33	0.18 Yes	0.87 Thermal Discharging
SAK311	439	'122914624_/9082315'		10	10	10	2.6	5.6	10	0.54 Yes	2.6 Thermal Discharging
SAK311	440	'3508534_/3508532'		10	10	10	2.6	3.7	10	0.54 Yes	2.6 Thermal Discharging
SAK311	441	'8764098_/122914628'		10	10	10	2.6	5.6	10	0.54 Yes	2.6 Thermal Discharging
SAK311	442	'467357694_/468016279'		10	10	10	2.6	3.7	10	0.54 Yes	2.6 Thermal Discharging
SAK311	443	'7577990_/8212983'		10	10	10	0.28	10	10	10 Yes	0.28 Thermal Discharging
SAK311	444	'51232328_/51232334'		10	10	10	0.28	10	10	10 Yes	0.28 Thermal Discharging
SAK311	445	'8446163_/8764096'		10	10	10	2.6	5.6	10	0.54 Yes	2.6 Thermal Discharging
SAK311	446	'467357673_/467357734'		10	10	10	2.6	3.7	10	0.54 Yes	2.6 Thermal Discharging
SAK311	447	'8446162_/8446160'		10	10	10	2.6	5.6	10	0.54 Yes	2.6 Thermal Discharging
SAK311	448	'51232414_/51232392'		10	10	10	0.28	10	10	10 Yes	0.28 Thermal Discharging
SAK311	449	'43333776_/43333778'		10	10	10	2.6	3.7	10	0.54 Yes	2.6 Thermal Discharging
SAK311	450	'467357768_/467357862'		10	10	10	2.6	3.7	10	0.54 Yes	2.6 Thermal Discharging
SAK311	451	'51232295_/51232371'		10	10	10	0.28	10	10	10 Yes	0.28 Thermal Discharging
SAK311	452	'9640874_/9640871'		10	10	10	2.6	5.6	10	0.54 Yes	2.6 Thermal Discharging
SAK311	453	'617307265_/617307262'		10	10	10	2.6	5.6	10	0.54 Yes	2.6 Thermal Discharging
SAK311	454	'8869205_/467357772'		10	10	10	2.6	3.7	10	0.54 Yes	2.6 Thermal Discharging
SAK311	455	'3508850_/3508864'		10	10	10	2.6	3.7	10	0.54 Yes	2.6 Thermal Discharging
SAK311	456	'8869206_/8869203'		10	10	10	2.6	3.7	10	0.54 Yes	2.6 Thermal Discharging
SAK311	457	'3508833_/3508847'		10	10	10	2.6	3.7	10	0.54 Yes	2.6 Thermal Discharging
SAK311	458	'3508816_/3508830'		10	10	10	2.6	3.7	10	0.54 Yes	2.6 Thermal Discharging
SAK311	459	'7577989_/7577987'		10	10	10	0.28	10	10	10 Yes	0.28 Thermal Discharging
SAK311	460	'3508799_/3508813'		10	10	10	2.6	3.7	10	0.54 Yes	2.6 Thermal Discharging
SAK311	461	'468016194_/468016255'	3.33		3.33	3.33	0.87	1.23	3.33	0.18 Yes	0.87 Thermal Discharging
SAK311	462	'43333763_/3508796'		10	10	10	2.6	3.7	10	0.54 Yes	2.6 Thermal Discharging
SAK311	463	'8212945_/8212943'		10	10	10	0.28	10	10	10 Yes	0.28 Thermal Discharging
SAK311	464	'3502225_/3502239'		10	10	10	2.6	3.7	10	0.54 Yes	2.6 Thermal Discharging
SAK311	465	'3502224_/3502222'		10	10	10	2.6	3.7	10	0.54 Yes	2.6 Thermal Discharging
SAK311	466	'7803541_/9385238'		10	10	10	0.28	10	10	10 Yes	0.28 Thermal Discharging
SAK311	467	'7803542_/7803539'		10	10	10	0.28	10	10	10 Yes	0.28 Thermal Discharging
SAK311	468	'3518326_/3518343'		10	10	10	2.6	3.7	10	0.54 Yes	2.6 Thermal Discharging
SAK311	469	'39684753_/9385274'		10	10	10	0.28	10	10	10 Yes	0.28 Thermal Discharging
SAK311	470	'8123866_/44095719'		10	10	10	0.28	10	10	10 Yes	0.28 Thermal Discharging
SAK311	471	'7897323_/8123864'		10	10	10	0.28	10	10	10 Yes	0.28 Thermal Discharging
SAK311	472	'3518325_/3518323'		10	10	10	2.6	3.7	10	0.54 Yes	2.6 Thermal Discharging
SAK311	473	'7897324_/7897321'		10	10	10	0.28	10	10	10 Yes	0.28 Thermal Discharging
SAK311	474	'3519276_/3519274'		10	10	10	2.6	3.7	10	0.54 Yes	2.6 Thermal Discharging
SAK311	475	'3518309_/3519294'		10	10	10	2.6	3.7	10	0.54 Yes	2.6 Thermal Discharging
SAK311	476	'3518380_/3518394'		10	10	10	2.6	3.7	10	0.54 Yes	2.6 Thermal Discharging
SAK311	477	'3518308_/3518306'		10	10	10	2.6	3.7	10	0.54 Yes	2.6 Thermal Discharging
SAK311	478	'3518363_/3518377'		10	10	10	2.6	3.7	10	0.54 Yes	2.6 Thermal Discharging
SAK311	479	'43333737_/43333739'		10	10	10	2.6	3.7	10	0.54 Yes	2.6 Thermal Discharging
SAK311	480	'380278453_/254978329'		10	10	10	0.28	10	10	10 Yes	0.28 Thermal Discharging
SAK311	481	'3518362_/3518360'		10	10	10	2.6	3.7	10	0.54 Yes	2.6 Thermal Discharging
SAK311	482	'43333750_/43333752'		10	10	10	2.6	3.7	10	0.54 Yes	2.6 Thermal Discharging
SAK311	483	'387080369_/7578345_2'		10	10	10	2.6	3.7	10	0.54 Yes	2.6 Thermal Discharging
SAK311	484	'3518430_/3518428'		10	10	10	2.6	3.7	10	0.54 Yes	2.6 Thermal Discharging
SAK311	485	'380278490_/380278514'		10	10	10	0.28	10	10	10 Yes	0.28 Thermal Discharging
SAK311	486	'7578347_/7578345_1'		10	10	10	2.6	2.2	10	0.54 Yes	2.2 Element Fault

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SAK311	487	'8213006_/247881582'		7.3	10	10	0.28	10	10	10 Yes	0.28 Thermal Discharging
SAK311	488	'448507517_/448507535'		7.4	10	10	0.28	10	10	10 Yes	0.28 Thermal Discharging
SAK311	489	'64990230_/64990233'		7.4	10	10	0.28	10	10	10 Yes	0.28 Thermal Discharging
SAK311	490	'64990274_/64990294'		7.4	10	10	0.28	10	10	10 Yes	0.28 Thermal Discharging
SAK311	491	'64990194_/64990281'		7.4	10	10	0.28	10	10	10 Yes	0.28 Thermal Discharging
SAK311	492	'380278388_/64990197'		7.4	10	10	0.28	10	10	10 Yes	0.28 Thermal Discharging
SAK311	493	'7263648_/7263645'		7.4	10	10	0.28	10	10	10 Yes	0.28 Thermal Discharging
SAK311	494	'449210995_/9712372'		7.4	10	10	0.28	10	10	10 Yes	0.28 Thermal Discharging
SAK311	495	'9085208_/449211015'		7.4	10	10	0.28	10	10	10 Yes	0.28 Thermal Discharging
SAK311	496	'9085207_/9085205'		7.3	10	10	0.28	10	10	10 Yes	0.28 Thermal Discharging
SAK311	497	'8840717_/9469774'		7.1	10	10	0.28	10	10	10 Yes	0.28 Thermal Discharging
SAK311	498	'7790845_/8840715'		6.9	10	10	0.28	10	10	10 Yes	0.28 Thermal Discharging
SAK311	499	'84759302_/84759313'		10	10	10	2.6	3.9	10	0.54 Yes	2.6 Thermal Discharging
SAK311	500	'626296847_/7790843_1'		6.6	10	10	0	10	10	10 Yes	0 Thermal Discharging
SAK311	501	'247881666_/247881685'		2.8	3.33	3.33	0.09	3.33	3.33	3.33 Yes	0.09 Thermal Discharging
SAK311	502	'380278482_/247881703'		2.63	3.33	3.33	0.09	3.33	3.33	3.33 Yes	0.09 Thermal Discharging
SAK311	503	'460464243_/460464413'		10	10	10	2.6	3.9	10	0.54 Yes	2.6 Thermal Discharging
SAK311	504	'8554981_/460464247'		10	10	10	2.6	3.9	10	0.54 Yes	2.6 Thermal Discharging
SAK311	505	'3519115_/43333692_2'		3.33	3.33	3.33	0.87	0.4	3.33	0.18 Yes	0.4 Element Fault
SAK311	506	'3971138_/3971135'		10	10	10	2.6	1.4	10	0.52 Yes	1.4 Element Fault
SAK311	507	'43333690_/43333692_1'		3.33	3.33	3.33	0.87	0.1	3.33	0.17 Yes	0.1 Element Fault
SAK311	508	'43426123_/3971152'		10	10	10	2.6	1.4	10	0.52 Yes	1.4 Element Fault
SAK311	509	'3519206_/3519237'		3.33	3.33	3.33	0.87	0.1	3.33	0.17 Yes	0.1 Element Fault
SAK311	510	'3971155_/43426125'		10	10	10	2.6	1.4	10	0.52 Yes	1.4 Element Fault
SAK311	511	'8448488_/9708428'		10	10	10	2.6	1.4	10	0.52 Yes	1.4 Element Fault
SAK311	512	'7501486_/8448486'		10	10	10	2.6	1.4	10	0.52 Yes	1.4 Element Fault
SAK311	513	'7501487_/7501484'		10	10	10	2.6	1.4	10	0.52 Yes	1.4 Element Fault
SAK311	514	'43333638_/43333640'		3.33	3.33	3.33	0.87	0.1	3.33	0.17 Yes	0.1 Element Fault
SAK311	515	'7507407_/7507404'		10	10	10	2.6	1.4	10	0.52 Yes	1.4 Element Fault
SAK311	516	'43333651_/43333653'		3.33	3.33	3.33	0.87	0.1	3.33	0.17 Yes	0.1 Element Fault
SAK311	517	'7145726_/43333627'		1.2	3.33	3.33	0.87	0.1	3.33	0.17 Yes	0.1 Element Fault
SAK311	518	'3519166_/7145744'		0.87	3.33	3.33	0.87	0.1	3.33	0.17 Yes	0.1 Element Fault
SAK311	519	'3519149_/3519163'		0.83	3.33	3.33	0.87	0.1	3.33	0.17 Yes	0.1 Element Fault
SAK311	520	'3519081_/3519146'		0.73	3.33	3.33	0.87	0.1	3.33	0.17 Yes	0.1 Element Fault
SAK311	521	'3519064_/3519078'		0.7	3.33	3.33	0.87	0.1	3.33	0.17 Yes	0.1 Element Fault
SAK311	522	'3519063_/3519061'		0.67	3.33	3.33	0.87	0.1	3.33	0.17 Yes	0.1 Element Fault
SAK311	523	'43333677_/43333679'		0.6	3.33	3.33	0.87	0.1	3.33	0.17 Yes	0.1 Element Fault
SAK311	524	'3512370_/3519220'		0.53	3.33	3.33	0.87	0.1	3.33	0.17 Yes	0.1 Element Fault
SAK311	525	'3512353_/3512367'		0.5	3.33	3.33	0.87	0.1	3.33	0.17 Yes	0.1 Element Fault
SAK311	526	'3512340_/3512350'		0.47	3.33	3.33	0.87	0.1	3.3	0.17 Yes	0.1 Element Fault
SAK311	527	'3512387_/3512384'		0.43	3.33	3.33	0.87	0.1	3.2	0.17 Yes	0.1 Element Fault
SAK311	528	'3512327_/3512337'		0.43	3.33	3.33	0.87	0.1	3.19	0.17 Yes	0.1 Element Fault
SAK311	529	'3512407_/3512404'		0.43	3.33	3.33	0.87	0.1	3.15	0.17 Yes	0.1 Element Fault
SAK311	530	'3512326_/3512324'		0.4	3.33	3.33	0.87	0.1	3.09	0.17 Yes	0.1 Element Fault
SAK311	531	'121173231_/3512417'		0.4	3.33	3.33	0.87	0.1	3.07	0.17 Yes	0.1 Element Fault
SAK311	532	'107343299_/107343296'		0.4	3.33	3.33	0.87	0.1	3	0.17 Yes	0.1 Element Fault
SAK311	533	'107343314_/107343311'		0.37	3.33	3.33	0.87	0.1	2.89	0.17 Yes	0.1 Element Fault
SAK311	534	'422084110_/43424890'		10	4.2	10	2.6	0.2	3.72	0.5 Yes	0.2 Element Fault
SAK311	535	'422084126_/8243444_2'		10	4.2	10	2.6	0.2	3.72	0.5 Yes	0.2 Element Fault
SAK311	536	'8243446_/8243444_1'		10	4.2	10	2.6	0.2	3.71	0.5 Yes	0.2 Element Fault
SAK311	537	'52387397_/52387475_1'		10	2.2	10	2.6	0.1	1.91	0.5 Yes	0.1 Element Fault
SAK311	538	'52387413_/52387475_2'		10	2.2	10	2.6	0.1	1.9	0.5 Yes	0.1 Element Fault
SAK311	539	'61696934_/433469898_2'		3.33	0.73	3.33	0	0.1	0.63	3.33 Yes	0 Thermal Discharging
SAK311	540	'3510454_/52387410'		10	2.2	10	2.6	0.1	1.89	0.5 Yes	0.1 Element Fault
SAK311	541	'43329392_/43329394'		10	2.2	10	2.6	0.1	1.87	0.5 Yes	0.1 Element Fault
SAK311	542	'43329366_/43329368'		10	2.2	10	2.6	0.1	1.86	0.5 Yes	0.1 Element Fault
SAK311	543	'3510401_/3510485'		10	2.2	10	2.6	0.1	1.85	0.5 Yes	0.1 Element Fault
SAK311	544	'357644082_/3510435'		3.33	0.73	3.33	0.87	0.03	0.61	0.17 Yes	0.03 Element Fault
SAK311	545	'433469878_/433469898_1'		3.33	0.73	3.33	0	0.1	0.61	3.33 Yes	0 Thermal Discharging
SAK311	546	'9157575_/9157573'		3.33	0.73	3.33	0	0.1	0.61	3.33 Yes	0 Thermal Discharging
SAK311	547	'3510380_/3510398'		10	2.2	10	2.6	0.1	1.77	0.5 Yes	0.1 Element Fault
SAK311	548	'43329354_/3510377'		10	2.2	10	2.6	0.1	1.75	0.5 Yes	0.1 Element Fault
SAK311	549	'476670641_/476670638'		3.33	0.73	3.33	0.87	0.03	0.58	0.17 Yes	0.03 Element Fault
SAK311	550	'399542669_/3510859'		6.67	1.47	6.67	1.73	0.07	1.16	0.33 Yes	0.07 Element Fault
SAK311	551	'399542630_/399542673'		6.67	1.47	6.67	1.73	0.07	1.15	0.33 Yes	0.07 Element Fault
SAK311	552	'399542591_/399542634'		6.67	1.47	6.67	1.73	0.07	1.14	0.33 Yes	0.07 Element Fault
SAK311	553	'399542552_/399542595'		6.67	1.47	6.67	1.73	0.07	1.13	0.33 Yes	0.07 Element Fault
SAK311	554	'399542513_/399542556'		6.67	1.47	6.67	1.73	0.07	1.12	0.33 Yes	0.07 Element Fault
SAK311	555	'399542474_/399542517'		6.67	1.47	6.67	1.73	0.07	1.11	0.33 Yes	0.07 Element Fault
SAK311	556	'3510861_/399542478'		6.67	1.47	6.67	1.73	0.07	1.1	0.33 Yes	0.07 Element Fault
SAK311	557	'399542394_/3510880'		6.67	1.47	6.67	1.73	0.07	1.09	0.33 Yes	0.07 Element Fault
SAK311	558	'399542353_/399542396'		0.27	1.47	6.67	1.73	0.07	1.08	0.33 Yes	0.07 Element Fault
SAK311	559	'3510883_/399542355'		0.2	1.47	6.67	1.73	0.07	1.08	0.33 Yes	0.07 Element Fault
SAK312	0	SAK312_/3518859'		10	10	10	2.74	10	10	1.62 No	2.74 Thermal Discharging
SAK312	1	'3518842_/3518859'		10	10	10	2.74	10	10	1.62 No	1.62 Unintentional Islanding
SAK312	2	'3518841_/3518839'		10	10	10	2.74	10	10	1.62 No	1.62 Unintentional Islanding
SAK312	3	'130097433_/3519024'		10	10	10	2.74	10	10	1.62 No	1.62 Unintentional Islanding
SAK312	4	'52388735_/130097435'		10	10	10	2.74	10	10	1.62 No	1.62 Unintentional Islanding
SAK312	5	'130097472_/130097469'		3.33	3.33	3.33	0.91	0.9	3.33	0.54 No	0.54 Unintentional Islanding
SAK312	6	'589464443_/589464447'		10	10	10	2.74	10	10	1.62 No	1.62 Unintentional Islanding
SAK312	7	'348687233_/348687230'		10	10	10	2.74	10	10	1.62 No	1.62 Unintentional Islanding
SAK312	8	'348687291_/348687288'		10	10	10	2.74	10	10	1.62 No	1.62 Unintentional Islanding
SAK312	9	'531872727_/531872735'		10	10	10	2.74	10	10	1.62 No	1.62 Unintentional Islanding
SAK312	10	'531872758_/531872766'		10	10	10	2.74	10	10	1.62 No	1.62 Unintentional Islanding
SAK312	11	'498593510_/531872795'		10	10	10	2.74	10	10	1.62 No	1.62 Unintentional Islanding
SAK312	12	'498593635_/498593559_1'		10	10	10	0	10	10	10 No	0 Thermal Discharging
SAK312	13	'498593562_/498593559_2'		10	10	10	0	10	10	10 No	0 Thermal Discharging
SAK312	14	'498593749_/498593592_1'		10	10	10	0	2.2	10	10 No	0 Thermal Discharging
SAK312	15	'531872818_/531872824'		10	10	10	2.74	10	10	1.62 No	1.62 Unintentional Islanding
SAK312	16	'498593724_/498593592_2'		10	10	10	0	2.2	10	10 No	0 Thermal Discharging
SAK312	17	'498593595_/498593592_3'		10	10	10	0	2.2	10	10 No	0 Thermal Discharging
SAK312	18	'598804236_/498593653_1'		10	10	10	0	2.2	10	10 No	0 Thermal Discharging
SAK312	19	'52808702_/494351445'		10	10	10	2.74	10	10	1.62 No	1.62 Unintentional Islanding
SAK312	20	'498593656_/498593653_2'		10	10	10	0	2.2	10	10 No	0 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SAK312	21	'52809638_/494351463'		10	10	10	2.74	10	10	1.62 No	1.62 Unintentional Islanding
SAK312	22	'123836834_/3512218_2'		3.33	3.33	3.33	0.91	0.9	3.33	0.54 No	0.54 Unintentional Islanding
SAK312	23	'52809317_/494351481'		10	10	10	2.74	10	10	1.62 No	1.62 Unintentional Islanding
SAK312	24	'123836850_/68545293_1'		3.33	3.33	3.33	0.91	1.2	3.33	0.54 No	0.54 Unintentional Islanding
SAK312	25	'52808240_/3512218_1'		3.33	3.33	3.33	0.91	0.9	3.33	0.54 No	0.54 Unintentional Islanding
SAK312	26	'52809346_/494351499'		10	10	10	2.74	10	10	1.62 No	1.62 Unintentional Islanding
SAK312	27	'52809354_/494351517'		10	10	10	2.74	10	10	1.62 No	1.62 Unintentional Islanding
SAK312	28	'68545417_/68545293_2'		3.33	3.33	3.33	0.91	1.2	3.33	0.54 No	0.54 Unintentional Islanding
SAK312	29	'52808827_/494351535'		10	10	10	2.74	10	10	1.62 No	1.62 Unintentional Islanding
SAK312	30	'52808851_/494351553'		10	10	10	2.74	10	10	1.62 No	1.62 Unintentional Islanding
SAK312	31	'52808875_/494351577'		10	10	10	2.74	10	10	1.61 No	1.61 Unintentional Islanding
SAK312	32	'52808899_/494351601'		10	10	10	2.74	10	10	1.61 No	1.61 Unintentional Islanding
SAK312	33	'52808244_/52808237'		3.33	3.33	3.33	0.91	0.9	3.33	0.54 No	0.54 Unintentional Islanding
SAK312	34	'52808947_/494351619'		10	10	10	2.74	10	10	1.61 No	1.61 Unintentional Islanding
SAK312	35	'578031093_/578030821_1'		10	10	10	0	10	10	10 No	0 Thermal Discharging
SAK312	36	'578030291_/578030821_2'		10	10	10	0	10	10	10 No	0 Thermal Discharging
SAK312	37	'123836414_/494351643'		10	10	10	2.74	10	10	1.61 No	1.61 Unintentional Islanding
SAK312	38	'123836431_/494351661'		10	10	10	2.74	10	10	1.61 No	1.61 Unintentional Islanding
SAK312	39	'578030842_/578030839'		10	10	10	0	10	10	10 No	0 Thermal Discharging
SAK312	40	'123836448_/494351677'		10	10	10	2.74	10	10	1.61 No	1.61 Unintentional Islanding
SAK312	41	'578030859_/578030857'		10	10	10	0	10	10	10 No	0 Thermal Discharging
SAK312	42	'578030877_/578030875'		10	10	10	0	10	10	10 No	0 Thermal Discharging
SAK312	43	'123836465_/494351697'		10	10	10	2.74	10	10	1.61 No	1.61 Unintentional Islanding
SAK312	44	'578030895_/578030893'		10	10	10	0	10	10	10 No	0 Thermal Discharging
SAK312	45	'145030164_/494351717'		10	10	10	2.74	10	10	1.61 No	1.61 Unintentional Islanding
SAK312	46	'52809076_/578030911'		10	10	10	0	10	10	10 No	0 Thermal Discharging
SAK312	47	'123836482_/494351737'		10	10	10	2.74	10	10	1.61 No	1.61 Unintentional Islanding
SAK312	48	'358258502_/494351757'		10	10	10	2.74	10	10	1.61 No	1.61 Unintentional Islanding
SAK312	49	'52809099_/578030929'		10	10	10	0	10	10	10 No	0 Thermal Discharging
SAK312	50	'358258527_/494351777'		10	10	10	2.74	10	10	1.61 No	1.61 Unintentional Islanding
SAK312	51	'389033633_/358258550'		10	10	10	2.74	10	10	1.61 No	1.61 Unintentional Islanding
SAK312	52	'578030949_/578030947'		10	10	10	0	10	10	10 No	0 Thermal Discharging
SAK312	53	'494351857_/494351854'		10	10	10	2.74	10	10	1.61 No	1.61 Unintentional Islanding
SAK312	54	'389033663_/389033477'		3.33	3.33	3.33	0.91	3.33	3.33	0.54 No	0.54 Unintentional Islanding
SAK312	55	'389033743_/389033493_1'		3.33	3.33	3.33	0.91	1.2	3.33	0.54 No	0.54 Unintentional Islanding
SAK312	56	'578030968_/578030965'		10	10	10	0	10	10	10 No	0 Thermal Discharging
SAK312	57	'494351875_/494351872'		10	10	10	2.74	10	10	1.61 No	1.61 Unintentional Islanding
SAK312	58	'578030986_/578030983'		10	10	10	0	10	10	10 No	0 Thermal Discharging
SAK312	59	'494351893_/494351890'		10	10	10	2.74	10	10	1.61 No	1.61 Unintentional Islanding
SAK312	60	'494351911_/494351908'		10	10	10	2.74	10	10	1.61 No	1.61 Unintentional Islanding
SAK312	61	'52809425_/578031249'		10	10	10	0	10	10	10 No	0 Thermal Discharging
SAK312	62	'494351929_/494351926'		10	10	10	2.74	10	10	1.61 No	1.61 Unintentional Islanding
SAK312	63	'107895633_/578031267'		10	10	10	0	10	10	10 No	0 Thermal Discharging
SAK312	64	'494351947_/494351944'		10	10	10	2.74	10	10	1.61 No	1.61 Unintentional Islanding
SAK312	65	'107895648_/578031285'		10	10	10	0	10	10	10 No	0 Thermal Discharging
SAK312	66	'394867232_/494351962'		10	10	10	2.74	10	10	1.61 No	1.61 Unintentional Islanding
SAK312	67	'358258573_/358258570'		10	10	10	2.74	10	10	1.61 No	1.61 Unintentional Islanding
SAK312	68	'107895669_/578031303'		10	10	10	0	10	10	10 No	0 Thermal Discharging
SAK312	69	'531872041_/387466835_3'		3.33	3.33	3.33	0.91	0.9	3.33	0.54 No	0.54 Unintentional Islanding
SAK312	70	'387466946_/387466835_2'		3.33	3.33	3.33	0.91	0.9	3.33	0.54 No	0.54 Unintentional Islanding
SAK312	71	'494352191_/387466835_1'		3.33	3.33	3.33	0.91	0.9	3.33	0.54 No	0.54 Unintentional Islanding
SAK312	72	'3502261_/578031321'		10	10	10	0	10	10	10 No	0 Thermal Discharging
SAK312	73	'394867246_/494352390'		10	10	10	2.74	10	10	1.61 No	1.61 Unintentional Islanding
SAK312	74	'387466789_/387466953_2'		3.33	3.33	3.33	0.91	0.9	3.33	0.54 No	0.54 Unintentional Islanding
SAK312	75	'531872079_/3513468_1'		3.33	3.33	3.33	0.91	0.9	3.33	0.54 No	0.54 Unintentional Islanding
SAK312	76	'578031365_/107895786_1'		3.33	3.33	3.33	0	1.2	3.33	3.33 No	0 Thermal Discharging
SAK312	77	'613731478_/613731475'		10	10	10	0	10	10	10 No	0 Thermal Discharging
SAK312	78	'394867260_/494352401'		10	10	10	2.74	10	10	1.61 No	1.61 Unintentional Islanding
SAK312	79	'389033701_/389033493_2'		3.33	3.33	3.33	0.91	1.2	3.33	0.54 No	0.54 Unintentional Islanding
SAK312	80	'613731494_/613731491'		10	10	10	0	10	10	10 No	0 Thermal Discharging
SAK312	81	'494352429_/494352426'		10	10	10	2.74	10	10	1.61 No	1.61 Unintentional Islanding
SAK312	82	'613731514_/613731511'		10	10	10	0	10	10	10 No	0 Thermal Discharging
SAK312	83	'494352446_/494352443'		10	10	10	2.74	10	10	1.61 No	1.61 Unintentional Islanding
SAK312	84	'613731533_/613731531'		10	10	10	0	10	10	10 No	0 Thermal Discharging
SAK312	85	'613731549_/613731547'		10	10	10	0	10	10	10 No	0 Thermal Discharging
SAK312	86	'578031751_/3502272_1'		3.33	3.33	3.33	0	1.2	3.33	3.33 No	0 Thermal Discharging
SAK312	87	'494352544_/494352460'		10	10	10	2.74	10	10	1.61 No	1.61 Unintentional Islanding
SAK312	88	'494352890_/494352888'		10	10	10	2.74	10	10	1.61 No	1.61 Unintentional Islanding
SAK312	89	'613731570_/613731567'		10	10	10	0	10	10	10 No	0 Thermal Discharging
SAK312	90	'494352905_/494352903'		10	10	10	2.74	10	10	1.61 No	1.61 Unintentional Islanding
SAK312	91	'107895775_/107895786_2'		3.33	3.33	3.33	0	1.2	3.33	3.33 No	0 Thermal Discharging
SAK312	92	'531318724_/531486570'		10	10	10	2.74	10	10	1.61 No	1.61 Unintentional Islanding
SAK312	93	'358258593_/358258590'		10	10	10	2.74	10	10	1.61 No	1.61 Unintentional Islanding
SAK312	94	'3513471_/387466796'		3.33	3.33	3.33	0.91	0.9	3.33	0.54 No	0.54 Unintentional Islanding
SAK312	95	'724249191_/44072916_2'		10	10	10	2.74	10	10	1.61 No	1.61 Unintentional Islanding
SAK312	96	'613731586_/613731583'		10	10	10	0	10	10	10 No	0 Thermal Discharging
SAK312	97	'3512776_/531318739'		10	10	10	2.74	10	10	1.61 No	1.61 Unintentional Islanding
SAK312	98	'531317441_/3512790_1'		10	10	10	2.74	2.8	10	1.61 No	1.61 Unintentional Islanding
SAK312	99	'613731863_/613731860'		10	10	10	0	10	10	10 No	0 Thermal Discharging
SAK312	100	'531318783_/531318780'		10	10	10	2.74	10	10	1.61 No	1.61 Unintentional Islanding
SAK312	101	'44072914_/44072916_1'		10	10	10	0.81	10	10	0.8 No	0.8 Unintentional Islanding
SAK312	102	'3513412_/3513468_2'		3.33	3.33	3.33	0.91	0.9	3.33	0.54 No	0.54 Unintentional Islanding
SAK312	103	'613731986_/613731876'		10	10	10	0	10	10	10 No	0 Thermal Discharging
SAK312	104	'531318799_/531485825'		10	10	10	2.74	10	10	1.61 No	1.61 Unintentional Islanding
SAK312	105	'613732357_/613732271_1'		10	10	10	0	10	10	10 No	0 Thermal Discharging
SAK312	106	'613732274_/613732271_2'		10	10	10	0	10	10	10 No	0 Thermal Discharging
SAK312	107	'3513484_/3513481'		3.33	3.33	3.33	0.91	0.9	3.33	0.54 No	0.54 Unintentional Islanding
SAK312	108	'613732049_/613731984_1'		3.33	3.33	3.33	0	1.2	3.33	3.33 No	0 Thermal Discharging
SAK312	109	'3512793_/3512790_2'		10	10	10	2.74	2.8	10	1.61 No	1.61 Unintentional Islanding
SAK312	110	'613732292_/613732289'		10	10	10	0	10	10	10 No	0 Thermal Discharging
SAK312	111	'613732464_/613732307_1'		10	10	10	0	1.7	10	10 No	0 Thermal Discharging
SAK312	112	'531318800_/531318797'		10	10	10	2.74	10	10	1.61 No	1.61 Unintentional Islanding
SAK312	113	'613732423_/613732307_2'		10	10	10	0	1.7	10	10 No	0 Thermal Discharging
SAK312	114	'602957255_/602957252'		10	10	10	0	10	10	10 No	0 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SAK312	115	'613732310___/613732307_3'		10	10	10	0	1.7	10	10 No	0 Thermal Discharging
SAK312	116	'602957381___/602957276_1'		10	10	10	0	1.7	10	10 No	0 Thermal Discharging
SAK312	117	'602957356___/602957276_2'		10	10	10	0	1.7	10	10 No	0 Thermal Discharging
SAK312	118	'595335392___/595335389'		10	10	10	0	10	10	10 No	0 Thermal Discharging
SAK312	119	'613732495___/613732404_1'		10	10	10	0	1.7	10	10 No	0 Thermal Discharging
SAK312	120	'595335538___/595335413_1'		10	10	10	0	1.7	10	10 No	0 Thermal Discharging
SAK312	121	'602957279___/602957276_3'		10	10	10	0	1.7	10	10 No	0 Thermal Discharging
SAK312	122	'602957406___/602957294_1'		10	10	10	0	1.7	10	10 No	0 Thermal Discharging
SAK312	123	'613732067___/3502402_1'	3.33		3.33	3.33	0	1.2	3.33	3.33 No	0 Thermal Discharging
SAK312	124	'595335483___/595335413_2'		10	10	10	0	1.7	10	10 No	0 Thermal Discharging
SAK312	125	'592589430___/592589427'		10	10	10	0	10	10	10 No	0 Thermal Discharging
SAK312	126	'592589539___/592589451_1'		10	10	10	0	1.7	10	10 No	0 Thermal Discharging
SAK312	127	'595335416___/595335413_3'		10	10	10	0	1.7	10	10 No	0 Thermal Discharging
SAK312	128	'602957297___/602957294_2'		10	10	10	0	1.7	10	10 No	0 Thermal Discharging
SAK312	129	'595335519___/595335431_1'		10	10	10	0	1.7	10	10 No	0 Thermal Discharging
SAK312	130	'3512739___/531318816'		10	10	10	2.74	10	10	1.61 No	1.61 Unintentional Islanding
SAK312	131	'592589508___/592589451_2'		10	10	10	0	1.7	10	10 No	0 Thermal Discharging
SAK312	132	'592589454___/592589451_3'		10	10	10	0	1.7	10	10 No	0 Thermal Discharging
SAK312	133	'611353513___/611353510'		10	10	10	0	10	10	10 No	0 Thermal Discharging
SAK312	134	'592589570___/592589469_1'		10	10	10	0	1.7	10	10 No	0 Thermal Discharging
SAK312	135	'595335434___/595335431_2'		10	10	10	0	1.7	10	10 No	0 Thermal Discharging
SAK312	136	'611353618___/611353534_1'		10	10	10	0	1.7	10	10 No	0 Thermal Discharging
SAK312	137	'611353587___/611353534_2'		10	10	10	0	1.7	10	10 No	0 Thermal Discharging
SAK312	138	'611353537___/611353534_3'		10	10	10	0	1.7	10	10 No	0 Thermal Discharging
SAK312	139	'592589472___/592589469_2'		10	10	10	0	1.7	10	10 No	0 Thermal Discharging
SAK312	140	'531317504___/3512737_1'		10	10	10	2.74	2.8	10	1.61 No	1.61 Unintentional Islanding
SAK312	141	'611353649___/611353552_1'		10	10	10	0	1.7	10	10 No	0 Thermal Discharging
SAK312	142	'613732407___/613732404_2'		10	10	10	0	1.7	10	10 No	0 Thermal Discharging
SAK312	143	'611353555___/611353552_2'		10	10	10	0	1.7	10	10 No	0 Thermal Discharging
SAK312	144	'358258613___/358258610'		10	10	10	2.74	10	10	1.61 No	1.61 Unintentional Islanding
SAK312	145	'603919332___/531318835'		10	10	10	2.74	10	10	1.61 No	1.61 Unintentional Islanding
SAK312	146	'379019512___/379019455_1'		10	10	10	2.74	2.2	10	1.61 No	1.61 Unintentional Islanding
SAK312	147	'3512740___/3512737_2'		10	10	10	2.74	2.8	10	1.61 No	1.61 Unintentional Islanding
SAK312	148	'3512864___/3513173'		10	10	10	0.81	10	10	0.8 No	0.8 Unintentional Islanding
SAK312	149	'547484311___/603919336'		10	10	10	2.74	10	10	1.61 No	1.61 Unintentional Islanding
SAK312	150	'379019436___/379019455_2'		10	10	10	2.74	2.2	10	1.61 No	1.61 Unintentional Islanding
SAK312	151	'613731987___/613731984_2'	3.33		3.33	3.33	0	1.2	3.33	3.33 No	0 Thermal Discharging
SAK312	152	'3513261___/3513305_2'	3.33		3.33	3.33	0.91	3.33	3.33	0.54 No	0.54 Unintentional Islanding
SAK312	153	'603919365___/603919369'		10	10	10	2.74	10	10	1.61 No	1.61 Unintentional Islanding
SAK312	154	'3513274___/3513321_1'		10	10	10	2.74	3.6	10	1.61 No	1.61 Unintentional Islanding
SAK312	155	'531318872___/531318850'		10	10	10	2.74	10	10	1.61 No	1.61 Unintentional Islanding
SAK312	156	'3502275___/3502272_2'	3.33		3.33	3.33	0	1.2	3.33	3.33 No	0 Thermal Discharging
SAK312	157	'531318909___/531318869'		10	10	10	2.74	10	10	1.61 No	1.61 Unintentional Islanding
SAK312	158	'531486215___/531318925'		10	10	10	2.74	10	10	1.61 No	1.61 Unintentional Islanding
SAK312	159	'531318945___/531318942'		10	10	10	2.74	10	10	1.61 No	1.61 Unintentional Islanding
SAK312	160	'603919452___/531318959'		10	10	10	2.74	10	10	1.61 No	1.61 Unintentional Islanding
SAK312	161	'603919477___/603919456'		10	10	10	2.74	10	10	1.61 No	1.61 Unintentional Islanding
SAK312	162	'375587413___/603919481'		10	10	10	2.74	10	10	1.61 No	1.61 Unintentional Islanding
SAK312	163	'420964588___/3512891'		10	10	10	0.81	10	10	0.8 No	0.8 Unintentional Islanding
SAK312	164	'531486473___/531485260'		10	10	10	2.74	10	10	1.6 No	1.6 Unintentional Islanding
SAK312	165	'420964729___/3513102_2'		10	10	10	0.81	2.8	10	0.8 No	0.8 Unintentional Islanding
SAK312	166	'531485294___/531485812'		10	10	10	2.74	10	10	1.6 No	1.6 Unintentional Islanding
SAK312	167	'3513308___/3513305_1'	3.33		3.33	3.33	0.91	1.2	3.33	0.54 No	0.54 Unintentional Islanding
SAK312	168	'375587545___/3510195_2'	3.33		3.33	3.33	0.91	3.33	3.33	0.53 No	0.53 Unintentional Islanding
SAK312	169	'3513324___/3513321_2'		10	10	10	2.74	3.6	10	1.61 No	1.61 Unintentional Islanding
SAK312	170	'531485293___/531485291'		10	10	10	2.74	10	10	1.6 No	1.6 Unintentional Islanding
SAK312	171	'531485342___/531485339'		10	10	10	2.74	10	10	1.6 No	1.6 Unintentional Islanding
SAK312	172	'3512880___/3512862'		10	10	10	0.81	10	10	0.8 No	0.8 Unintentional Islanding
SAK312	173	'531485359___/531485356'		10	10	10	2.74	10	10	1.6 No	1.6 Unintentional Islanding
SAK312	174	'541864078___/3513193_1'		10	10	10	0.02	10	10	10 No	0.02 Thermal Discharging
SAK312	175	'531485376___/531485373'		10	10	10	2.74	10	10	1.6 No	1.6 Unintentional Islanding
SAK312	176	'531485393___/531485390'		10	10	10	2.74	10	10	1.6 No	1.6 Unintentional Islanding
SAK312	177	'531485414___/531485411'		10	10	10	2.74	10	10	1.6 No	1.6 Unintentional Islanding
SAK312	178	'420964626___/420964590'		10	10	10	0.81	10	10	0.8 No	0.8 Unintentional Islanding
SAK312	179	'104423405___/3513193_2'		10	10	10	0.02	10	10	10 No	0.02 Thermal Discharging
SAK312	180	'531485431___/531485428'		10	10	10	2.74	10	10	1.6 No	1.6 Unintentional Islanding
SAK312	181	'43332666___/381957607'	3.33		3.33	3.33	0	1.2	3.33	3.33 No	0 Thermal Discharging
SAK312	182	'531485469___/531485455'		10	10	10	2.74	10	10	1.6 No	1.6 Unintentional Islanding
SAK312	183	'8742934___/104423446_1'		10	10	10	0.02	2.8	10	10 No	0.02 Thermal Discharging
SAK312	184	'3512759___/104423446_2'		10	10	10	0.02	2.8	10	10 No	0.02 Thermal Discharging
SAK312	185	'7482814___/7482812_1'	3.33		3.33	3.33	0.01	0.93	3.33	3.33 No	0.01 Thermal Discharging
SAK312	186	'531485468___/531485466'		10	10	10	2.74	10	10	1.6 No	1.6 Unintentional Islanding
SAK312	187	'43329303___/43329292'		10	10	10	2.74	3.6	10	1.61 No	1.61 Unintentional Islanding
SAK312	188	'613732095___/3502402_2'	3.33		3.33	3.33	0	1.2	3.33	3.33 No	0 Thermal Discharging
SAK312	189	'3513442___/3513439'	3.33		3.33	3.33	0.91	0.9	3.33	0.54 No	0.54 Unintentional Islanding
SAK312	190	'573160319___/420964628'		10	10	10	0.81	10	10	0.8 No	0.8 Unintentional Islanding
SAK312	191	'3509984___/531485493'		10	10	10	2.74	10	10	1.6 No	1.6 Unintentional Islanding
SAK312	192	'3510145___/3510195_1'	3.33		3.33	3.33	0.91	1.2	3.33	0.53 No	0.53 Unintentional Islanding
SAK312	193	'3509985___/3509995_1'	3.33		3.33	3.33	0.91	1.2	3.33	0.53 No	0.53 Unintentional Islanding
SAK312	194	'3513105___/3513102_1'		10	10	10	0.81	2.8	10	0.8 No	0.8 Unintentional Islanding
SAK312	195	'3510028___/531485508'		10	10	10	2.74	10	10	1.6 No	1.6 Unintentional Islanding
SAK312	196	'3510011___/531485552'		10	10	10	2.74	10	10	1.6 No	1.6 Unintentional Islanding
SAK312	197	'3510062___/3510074_2'	6.67		6.67	6.67	1.83	6.67	6.67	1.07 No	1.07 Unintentional Islanding
SAK312	198	'420964798___/420964774'	3.33		3.33	3.33	0.27	3.33	3.33	0.27 No	0.27 Thermal Discharging
SAK312	199	'603919127___/531485575'		10	10	10	2.74	10	10	1.6 No	1.6 Unintentional Islanding
SAK312	200	'3509741___/3509738_2'		10	10	10	2.74	10	10	1.6 No	1.6 Unintentional Islanding
SAK312	201	'3509724___/3509738_1'		10	10	10	2.74	3.8	10	1.6 No	1.6 Unintentional Islanding
SAK312	202	'43329316___/43329305'		10	10	10	2.74	3.6	10	1.6 No	1.6 Unintentional Islanding
SAK312	203	'3512894___/573160323'		10	10	10	0.81	10	10	0.8 No	0.8 Unintentional Islanding
SAK312	204	'531485602___/531485600'		10	10	10	2.74	10	10	1.6 No	1.6 Unintentional Islanding
SAK312	205	'573160446___/573160383_1'		10	10	10	0.66	10	10	10 No	0.66 Thermal Discharging
SAK312	206	'7482815___/7482812_2'	3.33		3.33	3.33	0.01	0.93	3.33	3.33 No	0.01 Thermal Discharging
SAK312	207	'43328029___/3512757'		10	10	10	0.02	2.8	10	10 No	0.02 Thermal Discharging
SAK312	208	'573160386___/573160383_2'		10	10	10	0.66	10	10	10 No	0.66 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SAK312	209	'3509775_/_531485615'	10	10	10	2.74	1.0	10	1.6 No	1.6	Unintentional Islanding
SAK312	210	'3509998_/_3509995_2'	3.33	3.33	3.33	0.91	1.2	3.33	0.53 No	0.53	Unintentional Islanding
SAK312	211	'471837073_/_3517826_1'	10	10	10	0.81	0.8	10	0.8 No	0.8	Element Fault
SAK312	212	'573160404_/_573160401'	10	10	10	0.66	10	10	10 No	0.66	Thermal Discharging
SAK312	213	'573160510_/_573160478_1'	10	10	10	0.66	10	10	10 No	0.66	Thermal Discharging
SAK312	214	'531485647_/_531485645'	10	10	10	2.74	10	10	1.6 No	1.6	Unintentional Islanding
SAK312	215	'471837085_/_3517826_2'	10	10	10	0.81	0.8	10	0.8 No	0.8	Element Fault
SAK312	216	'3502287_/_43332668'	3.33	3.33	3.33	0	1.2	3.33	3.33 No	0	Thermal Discharging
SAK312	217	'3509707_/_3509721'	10	10	10	2.74	3.8	10	1.6 No	1.6	Unintentional Islanding
SAK312	218	'3513378_/_43329318'	10	10	10	2.74	3.6	10	1.6 No	1.6	Unintentional Islanding
SAK312	219	'603919685_/_531485668'	10	10	10	2.74	10	10	1.6 No	1.6	Unintentional Islanding
SAK312	220	'3509585_/_531485698'	10	10	10	2.74	10	10	1.6 No	1.6	Unintentional Islanding
SAK312	221	'3510076_/_3510074_1'	6.67	6.67	6.67	1.83	2.4	6.67	1.07 No	1.07	Unintentional Islanding
SAK312	222	'7263668_/_8213063_1'	10	10	10	2.74	3.6	10	1.6 No	1.6	Unintentional Islanding
SAK312	223	'53221061_/_3512911'	10	10	10	0.81	10	10	0.8 No	0.8	Unintentional Islanding
SAK312	224	'3509584_/_531485721'	10	10	10	2.74	10	10	1.6 No	1.6	Unintentional Islanding
SAK312	225	'104423874_/_104423858'	10	10	10	0.02	2.8	10	10 No	0.02	Thermal Discharging
SAK312	226	'608355322_/_8213063_2'	10	10	10	2.74	3.6	10	1.6 No	1.6	Unintentional Islanding
SAK312	227	'531485762_/_531485760'	10	10	10	2.74	10	10	1.6 No	1.6	Unintentional Islanding
SAK312	228	'3510146_/_3510143'	3.33	3.33	3.33	0.91	1.2	3.33	0.53 No	0.53	Unintentional Islanding
SAK312	229	'608355409_/_608355328'	6.67	6.67	6.67	1.83	2.4	6.67	1.07 No	1.07	Unintentional Islanding
SAK312	230	'3509758_/_3509755'	10	10	10	2.74	3.8	10	1.6 No	1.6	Unintentional Islanding
SAK312	231	'43329225_/_531485781'	10	10	10	2.74	10	10	1.6 No	1.6	Unintentional Islanding
SAK312	232	'3509913_/_3509965_2'	10	10	10	2.74	10	10	1.6 No	1.6	Unintentional Islanding
SAK312	233	'43329186_/_3513392'	10	10	10	2.74	3.6	10	1.6 No	1.6	Unintentional Islanding
SAK312	234	'561786076_/_608355413'	10	10	10	2.74	3.6	10	1.6 No	1.6	Unintentional Islanding
SAK312	235	'3513497_/_3513494'	3.33	3.33	3.33	0.91	0.9	3.33	0.54 No	0.54	Unintentional Islanding
SAK312	236	'3509967_/_3509965_1'	10	10	10	2.74	10	10	1.6 No	1.6	Unintentional Islanding
SAK312	237	'3510952_/_3510989'	10	10	10	2.74	10	10	1.6 No	1.6	Unintentional Islanding
SAK312	238	'53221035_/_43328176'	10	10	10	0.81	10	10	0.8 No	0.8	Unintentional Islanding
SAK312	239	'3510900_/_3510949'	10	10	10	2.74	10	10	1.6 No	1.6	Unintentional Islanding
SAK312	240	'3509947_/_3510966'	10	10	10	2.74	10	10	1.6 No	1.6	Unintentional Islanding
SAK312	241	'43329277_/_3509704'	10	10	10	2.74	3.8	10	1.6 No	1.6	Unintentional Islanding
SAK312	242	'3502405_/_613732101'	3.33	3.33	3.33	0	1.2	3.33	3.33 No	0	Thermal Discharging
SAK312	243	'104423692_/_104423895'	10	10	10	0.02	2.8	10	10 No	0.02	Thermal Discharging
SAK312	244	'3510901_/_3511205_1'	10	10	10	2.74	3.6	10	1.6 No	1.6	Unintentional Islanding
SAK312	245	'43329586_/_3510932'	10	10	10	2.74	10	10	1.6 No	1.6	Unintentional Islanding
SAK312	246	'3509948_/_3509945'	10	10	10	2.74	10	10	1.6 No	1.6	Unintentional Islanding
SAK312	247	'3513240_/_43329188'	10	10	10	2.74	3.6	10	1.6 No	1.6	Unintentional Islanding
SAK312	248	'3509413_/_3510915'	10	10	10	2.74	10	10	1.6 No	1.6	Unintentional Islanding
SAK312	249	'77084270_/_3509410_2'	10	10	10	2.74	10	10	1.6 No	1.6	Unintentional Islanding
SAK312	250	'573160462_/_573160478_2'	10	10	10	0.66	10	10	10 No	0.66	Thermal Discharging
SAK312	251	'3510227_/_3510224'	10	10	10	2.74	10	10	1.6 No	1.6	Unintentional Islanding
SAK312	252	'53814070_/_53814001_2'	10	10	10	2.74	10	10	1.6 No	1.6	Unintentional Islanding
SAK312	253	'3503085_/_3509410_1'	10	10	10	2.74	10	10	1.6 No	1.6	Unintentional Islanding
SAK312	254	'53813981_/_53813524'	10	10	10	2.74	10	10	1.6 No	1.6	Unintentional Islanding
SAK312	255	'3510244_/_3510241'	10	10	10	2.74	10	10	1.6 No	1.6	Unintentional Islanding
SAK312	256	'3511208_/_3511205_2'	10	10	10	2.74	3.6	10	1.6 No	1.6	Unintentional Islanding
SAK312	257	'3513241_/_43329201'	10	10	10	2.74	3.6	10	1.6 No	1.6	Unintentional Islanding
SAK312	258	'53814090_/_3503083_1'	10	10	10	2.74	3.6	10	1.6 No	1.6	Unintentional Islanding
SAK312	259	'53814099_/_53813495'	10	10	10	2.74	10	10	1.6 No	1.6	Unintentional Islanding
SAK312	260	'3509395_/_53814105'	10	10	10	2.74	10	10	1.6 No	1.6	Unintentional Islanding
SAK312	261	'3510159_/_3510156'	3.33	3.33	3.33	0.91	1.2	3.33	0.53 No	0.53	Unintentional Islanding
SAK312	262	'449946685_/_53813470_2'	10	10	10	2.74	10	10	1.6 No	1.6	Unintentional Islanding
SAK312	263	'561786058_/_561786109'	10	10	10	2.74	3.6	10	1.6 No	1.6	Unintentional Islanding
SAK312	264	'3510260_/_3510360'	10	10	10	2.74	10	10	1.6 No	1.6	Unintentional Islanding
SAK312	265	'43328161_/_53221003'	10	10	10	0.81	10	10	0.8 No	0.8	Unintentional Islanding
SAK312	266	'8213046_/_8522309_1'	10	10	10	2.74	3.9	10	1.6 No	1.6	Unintentional Islanding
SAK312	267	'53813467_/_53813470_1'	10	10	10	2.74	10	10	1.6 No	1.6	Unintentional Islanding
SAK312	268	'104422721_/_104423924'	10	10	10	0.02	2.8	10	10 No	0.02	Thermal Discharging
SAK312	269	'53814004_/_53814001_1'	10	10	10	2.74	3.6	10	1.6 No	1.6	Unintentional Islanding
SAK312	270	'3510261_/_3510258'	10	10	10	2.74	10	10	1.6 No	1.6	Unintentional Islanding
SAK312	271	'53813444_/_53813445'	10	10	10	2.74	10	10	1.6 No	1.6	Unintentional Islanding
SAK312	272	'449946686_/_449946683'	10	10	10	2.74	10	10	1.6 No	1.6	Unintentional Islanding
SAK312	273	'3503086_/_3503083_2'	10	10	10	2.74	3.6	10	1.6 No	1.6	Unintentional Islanding
SAK312	274	'3509842_/_3509840'	10	10	10	2.74	3.8	10	1.6 No	1.6	Unintentional Islanding
SAK312	275	'420964504_/_43328163'	10	10	10	0.81	10	10	0.8 No	0.8	Unintentional Islanding
SAK312	276	'449946835_/_449946737_1'	10	10	10	2.74	3.7	10	1.6 No	1.6	Unintentional Islanding
SAK312	277	'3510278_/_3510275'	10	10	10	2.74	10	10	1.6 No	1.6	Unintentional Islanding
SAK312	278	'7578009_/_8522309_2'	10	10	10	2.74	3.9	10	1.6 No	1.6	Unintentional Islanding
SAK312	279	'435918985_/_3510326_1'	10	10	10	2.74	6.4	10	1.6 No	1.6	Unintentional Islanding
SAK312	280	'53813418_/_53813420'	10	10	10	2.74	10	10	1.6 No	1.6	Unintentional Islanding
SAK312	281	'3502288_/_3502285'	3.33	3.33	3.33	0	1.2	3.33	3.33 No	0	Thermal Discharging
SAK312	282	'53814669_/_8213083_2'	10	10	10	2.74	10	10	1.6 No	1.6	Unintentional Islanding
SAK312	283	'3511225_/_3511255_1'	10	10	10	2.74	3.6	10	1.6 No	1.6	Unintentional Islanding
SAK312	284	'3509481_/_3510292'	10	10	10	2.74	10	10	1.6 No	1.6	Unintentional Islanding
SAK312	285	'3511224_/_3511255_2'	10	10	10	2.74	3.6	10	1.6 No	1.6	Unintentional Islanding
SAK312	286	'53813386_/_53813389'	10	10	10	2.74	10	10	1.6 No	1.6	Unintentional Islanding
SAK312	287	'53814705_/_3510519'	10	10	10	2.74	10	10	1.6 No	1.6	Unintentional Islanding
SAK312	288	'387040287_/_53814682_1'	10	10	10	2.74	3.7	10	1.6 No	1.6	Unintentional Islanding
SAK312	289	'53814156_/_53813364'	10	10	10	2.74	10	10	1.6 No	1.6	Unintentional Islanding
SAK312	290	'449946714_/_449946737_2'	10	10	10	2.74	3.7	10	1.6 No	1.6	Unintentional Islanding
SAK312	291	'3509464_/_3509478'	10	10	10	2.74	10	10	1.6 No	1.6	Unintentional Islanding
SAK312	292	'53813336_/_53813339'	10	10	10	2.74	10	10	1.6 No	1.6	Unintentional Islanding
SAK312	293	'53814164_/_3511049_2'	10	10	10	2.74	10	10	1.6 No	1.6	Unintentional Islanding
SAK312	294	'53814229_/_8522349_2'	10	10	10	2.74	10	10	1.6 No	1.6	Unintentional Islanding
SAK312	295	'3509447_/_3509461'	10	10	10	2.74	10	10	1.6 No	1.6	Unintentional Islanding
SAK312	296	'7578010_/_7578007'	10	10	10	2.74	3.9	10	1.6 No	1.6	Unintentional Islanding
SAK312	297	'53814234_/_53813314'	10	10	10	2.74	10	10	1.6 No	1.6	Unintentional Islanding
SAK312	298	'43328148_/_420964506'	10	10	10	0.81	10	10	0.8 No	0.8	Unintentional Islanding
SAK312	299	'53814311_/_53813289'	10	10	10	2.74	10	10	1.6 No	1.6	Unintentional Islanding
SAK312	300	'3509430_/_3509444'	10	10	10	2.74	10	10	1.6 No	1.6	Unintentional Islanding
SAK312	301	'3510329_/_3510326_2'	10	10	10	2.74	6.4	10	1.6 No	1.6	Unintentional Islanding
SAK312	302	'3512812_/_104422723'	10	10	10	0.02	2.8	10	10 No	0.02	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SAK312	303	'3511242_/_3511239'	3.33		3.33	3.33	0.91	1.2	3.33	0.53 No	0.53 Unintentional Islanding
SAK312	304	'43329264_/_43329266'	10		10	10	2.74	3.8	10	1.6 No	1.6 Unintentional Islanding
SAK312	305	'3509429_/_3509427'	10		10	10	2.74	10	10	1.6 No	1.6 Unintentional Islanding
SAK312	306	'53814328_/_3510677_2'	10		10	10	2.74	10	10	1.6 No	1.6 Unintentional Islanding
SAK312	307	'53813261_/_53813264'	10		10	10	2.74	10	10	1.59 No	1.59 Unintentional Islanding
SAK312	308	'3510172_/_3510169'	3.33		3.33	3.33	0.91	1.2	3.33	0.53 No	0.53 Unintentional Islanding
SAK312	309	'3509344_/_3509515'	10		10	10	2.74	10	10	1.59 No	1.59 Unintentional Islanding
SAK312	310	'53814723_/_3511049_1'	10		10	10	2.74	3.7	10	1.6 No	1.6 Unintentional Islanding
SAK312	311	'3510628_/_3510677_1'	10		10	10	2.74	3.7	10	1.6 No	1.6 Unintentional Islanding
SAK312	312	'676993345_/_53813239'	10		10	10	2.74	10	10	1.59 No	1.59 Unintentional Islanding
SAK312	313	'574273640_/_574273656'	10		10	10	0.66	10	10	10 No	0.66 Thermal Discharging
SAK312	314	'53814414_/_9017637_2'	10		10	10	2.74	10	10	1.59 No	1.59 Unintentional Islanding
SAK312	315	'43329405_/_53814682_2'	10		10	10	2.74	3.7	10	1.6 No	1.6 Unintentional Islanding
SAK312	316	'43329612_/_3511272'	10		10	10	2.74	3.6	10	1.6 No	1.6 Unintentional Islanding
SAK312	317	'43327592_/_3509342'	10		10	10	2.74	10	10	1.59 No	1.59 Unintentional Islanding
SAK312	318	'104423788_/_3512810'	10		10	10	0.02	2.8	10	10 No	0.02 Thermal Discharging
SAK312	319	'53813236_/_676993349'	10		10	10	2.74	10	10	1.59 No	1.59 Unintentional Islanding
SAK312	320	'3510346_/_3510343'	10		10	10	2.74	6.4	10	1.6 No	1.6 Unintentional Islanding
SAK312	321	'394118244_/_3511006'	10		10	10	2.74	6.4	10	1.6 No	1.6 Unintentional Islanding
SAK312	322	'676993110_/_53813214'	10		10	10	2.74	10	10	1.59 No	1.59 Unintentional Islanding
SAK312	323	'588602629_/_676993114'	10		10	10	2.74	10	10	1.59 No	1.59 Unintentional Islanding
SAK312	324	'720583124_/_588602633'	10		10	10	2.74	10	10	1.59 No	1.59 Unintentional Islanding
SAK312	325	'43327579_/_3509308'	10		10	10	2.74	10	10	1.59 No	1.59 Unintentional Islanding
SAK312	326	'676993297_/_676993182_1'	10		10	10	2.74	3.7	10	1.59 No	1.59 Unintentional Islanding
SAK312	327	'53814541_/_53813185'	10		10	10	2.74	10	10	1.59 No	1.59 Unintentional Islanding
SAK312	328	'720583113_/_584434186_1'	10		10	10	2.74	10	10	1.59 No	1.59 Unintentional Islanding
SAK312	329	'9017639_/_9017637_1'	10		10	10	2.74	3.6	10	1.59 No	1.59 Unintentional Islanding
SAK312	330	'53814590_/_7263705_2'	6.67		6.67	6.67	1.83	6.67	6.67	1.06 No	1.06 Unintentional Islanding
SAK312	331	'43327566_/_43327581'	10		10	10	2.74	10	10	1.59 No	1.59 Unintentional Islanding
SAK312	332	'3510629_/_3510626'	10		10	10	2.74	3.7	10	1.59 No	1.59 Unintentional Islanding
SAK312	333	'3509327_/_43327568'	10		10	10	2.74	10	10	1.59 No	1.59 Unintentional Islanding
SAK312	334	'8213086_/_8213083_1'	10		10	10	2.74	3.7	10	1.6 No	1.6 Unintentional Islanding
SAK312	335	'676993185_/_676993182_2'	10		10	10	2.74	3.7	10	1.59 No	1.59 Unintentional Islanding
SAK312	336	'3509639_/_3509653'	10		10	10	2.74	3.8	10	1.6 No	1.6 Unintentional Islanding
SAK312	337	'3510611_/_43329457'	10		10	10	2.74	3.7	10	1.6 No	1.6 Unintentional Islanding
SAK312	338	'8522352_/_8522349_1'	10		10	10	2.74	3.6	10	1.59 No	1.59 Unintentional Islanding
SAK312	339	'3509328_/_3509325'	10		10	10	2.74	10	10	1.59 No	1.59 Unintentional Islanding
SAK312	340	'43329418_/_3510539'	10		10	10	2.74	3.7	10	1.6 No	1.6 Unintentional Islanding
SAK312	341	'574843378_/_574843394'	10		10	10	0.66	10	10	10 No	0.66 Thermal Discharging
SAK312	342	'7578050_/_8522329_1'	10		10	10	2.74	2.2	10	1.6 No	1.6 Unintentional Islanding
SAK312	343	'3512930_/_43328150'	10		10	10	0.81	10	10	0.8 No	0.8 Unintentional Islanding
SAK312	344	'65387212_/_104423790'	10		10	10	0.02	2.8	10	10 No	0.02 Thermal Discharging
SAK312	345	'462922192_/_3509545'	10		10	10	2.74	10	10	1.59 No	1.59 Unintentional Islanding
SAK312	346	'3512948_/_3512961_1'	3.33		3.33	3.33	0.27	0.9	3.33	0.27 No	0.27 Thermal Discharging
SAK312	347	'3511009_/_394118134'	10		10	10	2.74	6.4	10	1.6 No	1.6 Unintentional Islanding
SAK312	348	'426171796_/_459845330'	10		10	10	2.74	10	10	1.59 No	1.59 Unintentional Islanding
SAK312	349	'53814423_/_676993199'	10		10	10	2.74	3.7	10	1.59 No	1.59 Unintentional Islanding
SAK312	350	'434500812_/_426172567_2'	3.33		3.33	3.33	0.91	3.33	3.33	0.53 No	0.53 Unintentional Islanding
SAK312	351	'462922282_/_462922305_1'	3.33		3.33	3.33	0.91	1.2	3.33	0.53 No	0.53 Unintentional Islanding
SAK312	352	'8840778_/_7263705_1'	6.67		6.67	6.67	1.83	2.4	6.67	1.06 No	1.06 Unintentional Islanding
SAK312	353	'7578070_/_7578067'	10		10	10	2.74	3.9	10	1.6 No	1.6 Unintentional Islanding
SAK312	354	'3509567_/_3509565'	10		10	10	2.74	10	10	1.59 No	1.59 Unintentional Islanding
SAK312	355	'3510558_/_3510609'	10		10	10	2.74	3.7	10	1.59 No	1.59 Unintentional Islanding
SAK312	356	'3513580_/_3513577'	10		10	10	2.74	3.6	10	1.6 No	1.6 Unintentional Islanding
SAK312	357	'7578029_/_108722282_1'	10		10	10	2.74	3.7	10	1.59 No	1.59 Unintentional Islanding
SAK312	358	'9157667_/_9157665'	6.67		6.67	6.67	1.83	2.4	6.67	1.06 No	1.06 Unintentional Islanding
SAK312	359	'3986994_/_7124075'	10		10	10	2.74	10	10	1.59 No	1.59 Unintentional Islanding
SAK312	360	'419900714_/_3986992_1'	3.33		3.33	3.33	0.91	1.2	3.33	0.53 No	0.53 Unintentional Islanding
SAK312	361	'426635370_/_426635367'	10		10	10	2.74	6.4	10	1.6 No	1.6 Unintentional Islanding
SAK312	362	'43329481_/_3510643'	10		10	10	2.74	3.7	10	1.59 No	1.59 Unintentional Islanding
SAK312	363	'426171677_/_426172567_1'	3.33		3.33	3.33	0.91	1.2	3.33	0.53 No	0.53 Unintentional Islanding
SAK312	364	'8522332_/_8522329_2'	10		10	10	2.74	2.2	10	1.59 No	1.59 Unintentional Islanding
SAK312	365	'3509673_/_3509670'	10		10	10	2.74	3.8	10	1.6 No	1.6 Unintentional Islanding
SAK312	366	'3987122_/_3987136'	10		10	10	2.74	10	10	1.59 No	1.59 Unintentional Islanding
SAK312	367	'358490271_/_358490268'	3.33		3.33	3.33	0.91	1.2	3.33	0.53 No	0.53 Unintentional Islanding
SAK312	368	'3509622_/_3509636'	10		10	10	2.74	3.8	10	1.6 No	1.6 Unintentional Islanding
SAK312	369	'65387205_/_65387209'	10		10	10	0.02	2.8	10	10 No	0.02 Thermal Discharging
SAK312	370	'43329431_/_43329420'	10		10	10	2.74	3.7	10	1.6 No	1.6 Unintentional Islanding
SAK312	371	'3502418_/_3502415'	3.33		3.33	3.33	0	1.2	3.33	3.33 No	0 Thermal Discharging
SAK312	372	'53814419_/_43327542'	10		10	10	2.74	3.7	10	1.59 No	1.59 Unintentional Islanding
SAK312	373	'3987105_/_456903264'	10		10	10	2.74	10	10	1.59 No	1.59 Unintentional Islanding
SAK312	374	'444197962_/_444197629_1'	3.33		3.33	3.33	0.91	1.2	3.33	0.53 No	0.53 Unintentional Islanding
SAK312	375	'8840758_/_108722282_2'	10		10	10	2.74	3.7	10	1.59 No	1.59 Unintentional Islanding
SAK312	376	'456903381_/_456903328_2'	10		10	10	2.74	10	10	1.59 No	1.59 Unintentional Islanding
SAK312	377	'3509689_/_3509687'	10		10	10	2.74	3.8	10	1.6 No	1.6 Unintentional Islanding
SAK312	378	'3986995_/_3986992_2'	3.33		3.33	3.33	0.91	1.2	3.33	0.53 No	0.53 Unintentional Islanding
SAK312	379	'3987088_/_3987102'	10		10	10	2.74	10	10	1.59 No	1.59 Unintentional Islanding
SAK312	380	'3513593_/_3513590'	10		10	10	2.74	3.6	10	1.6 No	1.6 Unintentional Islanding
SAK312	381	'3510663_/_43329483'	10		10	10	2.74	3.7	10	1.59 No	1.59 Unintentional Islanding
SAK312	382	'444197632_/_444197629_2'	3.33		3.33	3.33	0.91	1.2	3.33	0.53 No	0.53 Unintentional Islanding
SAK312	383	'3512931_/_3512928'	10		10	10	0.81	10	10	0.8 No	0.8 Unintentional Islanding
SAK312	384	'3512964_/_3512961_2'	3.33		3.33	3.33	0.27	0.9	3.33	0.27 No	0.27 Thermal Discharging
SAK312	385	'462922333_/_462922305_2'	3.33		3.33	3.33	0.91	1.2	3.33	0.53 No	0.53 Unintentional Islanding
SAK312	386	'3987087_/_3987085'	10		10	10	2.74	10	10	1.59 No	1.59 Unintentional Islanding
SAK312	387	'7578090_/_7578087'	10		10	10	2.74	3.9	10	1.6 No	1.6 Unintentional Islanding
SAK312	388	'121430048_/_9157629'	10		10	10	2.74	3.7	10	1.59 No	1.59 Unintentional Islanding
SAK312	389	'3987280_/_3987278'	10		10	10	2.74	10	10	1.59 No	1.59 Unintentional Islanding
SAK312	390	'91174621_/_91174570_1'	10		10	10	2.74	3.6	10	1.59 No	1.59 Unintentional Islanding
SAK312	391	'118417192_/_118417203'	10		10	10	2.74	3.7	10	1.59 No	1.59 Unintentional Islanding
SAK312	392	'456903309_/_456903328_1'	10		10	10	2.74	3.6	10	1.59 No	1.59 Unintentional Islanding
SAK312	393	'3513619_/_426171687'	3.33		3.33	3.33	0.91	0.9	3.33	0.53 No	0.53 Unintentional Islanding
SAK312	394	'91144694_/_91144691'	3.33		3.33	3.33	0.91	3.33	3.33	0.53 No	0.53 Unintentional Islanding
SAK312	395	'43329444_/_43329433'	10		10	10	2.74	3.7	10	1.59 No	1.59 Unintentional Islanding
SAK312	396	'473880811_/_426635400_1'	10		10	10	2.74	6.4	10	1.59 No	1.59 Unintentional Islanding

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SAK312	397	'65387175_/65387178'		10	10	10	0.02	2.8	10	10 No	0.02 Thermal Discharging
SAK312	398	'3987244_/3987717'		10	10	10	2.74	10	10	1.59 No	1.59 Unintentional Islanding
SAK312	399	'3509221_/3509619'		10	10	10	2.74	3.8	10	1.6 No	1.6 Unintentional Islanding
SAK312	400	'426635403_/426635400_2'		10	10	10	2.74	6.4	10	1.59 No	1.59 Unintentional Islanding
SAK312	401	'3987227_/3987241'		10	10	10	2.74	10	10	1.59 No	1.59 Unintentional Islanding
SAK312	402	'362416423_/3512974'		10	10	10	0.81	10	10	0.8 No	0.8 Unintentional Islanding
SAK312	403	'450138273_/3510765'		10	10	10	2.74	3.7	10	1.59 No	1.59 Unintentional Islanding
SAK312	404	'362416600_/362416488_1'	3.33	3.33	3.33	0.27	1.2	3.33	0.27 No	0.27 Thermal Discharging	
SAK312	405	'3987210_/3987224'		10	10	10	2.74	10	10	1.59 No	1.59 Unintentional Islanding
SAK312	406	'43329468_/3510556'		10	10	10	2.74	3.7	10	1.59 No	1.59 Unintentional Islanding
SAK312	407	'414007593_/414007560'		10	10	10	2.74	3.7	10	1.59 No	1.59 Unintentional Islanding
SAK312	408	'414007462_/43329470_1'		10	10	10	2.74	3.7	10	1.59 No	1.59 Unintentional Islanding
SAK312	409	'3509024_/3509021'		10	10	10	2.74	3.7	10	1.59 No	1.59 Unintentional Islanding
SAK312	410	'462922171_/462922331'	3.33	3.33	3.33	0.91	1.2	3.33	0.53 No	0.53 Unintentional Islanding	
SAK312	411	'3987209_/3987207'		10	10	10	2.74	10	10	1.59 No	1.59 Unintentional Islanding
SAK312	412	'43329521_/43329470_3'		10	10	10	2.74	3.7	10	1.59 No	1.59 Unintentional Islanding
SAK312	413	'362416491_/362416488_2'	3.33	3.33	3.33	0.27	1.2	3.33	0.27 No	0.27 Thermal Discharging	
SAK312	414	'43332172_/43329446'	3.33	3.33	3.33	0.91	1.23	3.33	0.53 No	0.53 Unintentional Islanding	
SAK312	415	'43329494_/450138277'		10	10	10	2.74	3.7	10	1.59 No	1.59 Unintentional Islanding
SAK312	416	'43328135_/362416425'		10	10	10	0.81	10	10	0.8 No	0.8 Unintentional Islanding
SAK312	417	'3987574_/3987572'		10	10	10	2.74	10	10	1.59 No	1.59 Unintentional Islanding
SAK312	418	'65387084_/65387095'		10	10	10	0.02	2.8	10	10 No	0.02 Thermal Discharging
SAK312	419	'44061713_/43329523'		10	10	10	2.74	3.7	10	1.59 No	1.59 Unintentional Islanding
SAK312	420	'3987640_/3987638'		10	10	10	2.74	10	10	1.59 No	1.59 Unintentional Islanding
SAK312	421	'8555761_/8555778_1'		10	10	10	2.74	3.6	10	1.59 No	1.59 Unintentional Islanding
SAK312	422	'43329508_/43329496'		10	10	10	2.74	3.7	10	1.59 No	1.59 Unintentional Islanding
SAK312	423	'3511032_/7578107_1'		10	10	10	2.74	2.2	10	1.59 No	1.59 Unintentional Islanding
SAK312	424	'3509204_/3509218'		10	10	10	2.74	3.8	10	1.6 No	1.6 Unintentional Islanding
SAK312	425	'3987699_/3987697'		10	10	10	2.74	10	10	1.59 No	1.59 Unintentional Islanding
SAK312	426	'8555781_/8555778_2'		10	10	10	2.74	3.6	10	1.59 No	1.59 Unintentional Islanding
SAK312	427	'60835364_/608355393'	3.33	3.33	3.33	0.91	1.2	3.33	0.53 No	0.53 Unintentional Islanding	
SAK312	428	'69452527_/3995732'		10	10	10	2.74	10	10	1.59 No	1.59 Unintentional Islanding
SAK312	429	'622933507_/43423014_2'		10	10	10	2.74	10	10	1.59 No	1.59 Unintentional Islanding
SAK312	430	'3987623_/3987783'		10	10	10	2.74	10	10	1.59 No	1.59 Unintentional Islanding
SAK312	431	'55328473_/55328470'	3.33	3.33	3.33	0.91	3.33	3.33	0.53 No	0.53 Unintentional Islanding	
SAK312	432	'3511412_/3511409'	3.33	3.33	3.33	0.91	1.23	3.33	0.53 No	0.53 Unintentional Islanding	
SAK312	433	'65667175_/65387060'		10	10	10	0.02	2.8	10	10 No	0.02 Thermal Discharging
SAK312	434	'3987425_/3987621'		10	10	10	2.74	10	10	1.59 No	1.59 Unintentional Islanding
SAK312	435	'3987010_/3987423'		10	10	10	2.74	10	10	1.59 No	1.59 Unintentional Islanding
SAK312	436	'3987803_/3987820_1'		10	10	10	2.74	2.3	10	1.59 No	1.59 Unintentional Islanding
SAK312	437	'43327553_/3509038'		10	10	10	2.74	3.7	10	1.59 No	1.59 Unintentional Islanding
SAK312	438	'7578110_/7578107_2'		10	10	10	2.74	2.2	10	1.59 No	1.59 Unintentional Islanding
SAK312	439	'3510575_/44061715'		10	10	10	2.74	3.7	10	1.59 No	1.59 Unintentional Islanding
SAK312	440	'3987033_/3987153'		10	10	10	2.74	10	10	1.59 No	1.59 Unintentional Islanding
SAK312	441	'3987034_/3987048_1'		10	10	10	2.74	3.7	10	1.59 No	1.59 Unintentional Islanding
SAK312	442	'43421984_/3987258'		10	10	10	2.74	10	10	1.59 No	1.59 Unintentional Islanding
SAK312	443	'72611578_/72611555'		10	10	10	2.74	10	10	1.59 No	1.59 Unintentional Islanding
SAK312	444	'3987823_/3987820_2'		10	10	10	2.74	2.3	10	1.59 No	1.59 Unintentional Islanding
SAK312	445	'3987261_/8870209_1'		10	10	10	2.74	3.7	10	1.59 No	1.59 Unintentional Islanding
SAK312	446	'7897424_/7897421'		10	10	10	2.74	2.2	10	1.59 No	1.59 Unintentional Islanding
SAK312	447	'72611604_/72611581'		10	10	10	2.74	10	10	1.59 No	1.59 Unintentional Islanding
SAK312	448	'240510805_/72611681_1'		10	10	10	2.74	3.8	10	1.59 No	1.59 Unintentional Islanding
SAK312	449	'43328014_/3509201'		10	10	10	2.74	3.8	10	1.6 No	1.6 Unintentional Islanding
SAK312	450	'471181896_/3987048_2'		10	10	10	2.74	3.7	10	1.59 No	1.59 Unintentional Islanding
SAK312	451	'471181951_/471181400_2'		10	10	10	2.74	3.7	10	1.59 No	1.59 Unintentional Islanding
SAK312	452	'3510576_/3510573'	3.33	3.33	3.33	0.91	1.23	3.33	0.53 No	0.53 Unintentional Islanding	
SAK312	453	'72611684_/72611681_2'		10	10	10	2.74	3.8	10	1.59 No	1.59 Unintentional Islanding
SAK312	454	'72611610_/72611607'		10	10	10	2.74	10	10	1.59 No	1.59 Unintentional Islanding
SAK312	455	'3509058_/43327555'		10	10	10	2.74	3.7	10	1.59 No	1.59 Unintentional Islanding
SAK312	456	'471181403_/471181400_1'		10	10	10	2.74	2.2	10	1.59 No	1.59 Unintentional Islanding
SAK312	457	'8555720_/8870209_2'		10	10	10	2.74	3.7	10	1.59 No	1.59 Unintentional Islanding
SAK312	458	'3987358_/3987355'		10	10	10	2.74	10	10	1.59 No	1.59 Unintentional Islanding
SAK312	459	'3510592_/3510589'		10	10	10	2.74	3.7	10	1.59 No	1.59 Unintentional Islanding
SAK312	460	'43328122_/43328137'		10	10	10	0.81	10	10	0.8 No	0.8 Unintentional Islanding
SAK312	461	'9500443_/9500460_1'		10	10	10	2.74	3.7	10	1.59 No	1.59 Unintentional Islanding
SAK312	462	'3987051_/471181902'		10	10	10	2.74	3.7	10	1.59 No	1.59 Unintentional Islanding
SAK312	463	'3987375_/3987372'		10	10	10	2.74	10	10	1.59 No	1.59 Unintentional Islanding
SAK312	464	'404090049_/404089956_2'		10	10	10	2.74	10	10	1.59 No	1.59 Unintentional Islanding
SAK312	465	'65386967_/65386981'		10	10	10	0.02	2.8	10	10 No	0.02 Thermal Discharging
SAK312	466	'43422936_/3987389'		10	10	10	2.74	10	10	1.59 No	1.59 Unintentional Islanding
SAK312	467	'557568152_/65386938_2'		10	10	10	0.02	2.8	10	10 No	0.02 Thermal Discharging
SAK312	468	'8244098_/8870189'		10	10	10	2.74	3.8	10	1.59 No	1.59 Unintentional Islanding
SAK312	469	'8555721_/8555718'		10	10	10	2.74	3.7	10	1.59 No	1.59 Unintentional Islanding
SAK312	470	'3987314_/3987406'		10	10	10	2.74	10	10	1.59 No	1.59 Unintentional Islanding
SAK312	471	'9017659_/3509235_2'		10	10	10	2.74	3.8	10	1.6 No	1.6 Unintentional Islanding
SAK312	472	'290630955_/3987295'		10	10	10	2.74	3.7	10	1.59 No	1.59 Unintentional Islanding
SAK312	473	'3509184_/3509235_1'		10	10	10	2.74	3.8	10	1.6 No	1.6 Unintentional Islanding
SAK312	474	'465054544_/290631101_1'		10	10	10	2.74	2.2	10	1.59 No	1.59 Unintentional Islanding
SAK312	475	'9186288_/9186285'		10	10	10	2.74	3.7	10	1.59 No	1.59 Unintentional Islanding
SAK312	476	'50345423_/9017657_1'	3.33	3.33	3.33	0.91	1.2	3.33	0.53 No	0.53 Unintentional Islanding	
SAK312	477	'7292225_/9186305'		10	10	10	2.74	3.7	10	1.59 No	1.59 Unintentional Islanding
SAK312	478	'43422949_/4043133'		10	10	10	2.74	10	10	1.59 No	1.59 Unintentional Islanding
SAK312	479	'3987759_/50741327_2'	3.33	3.33	3.33	0.91	3.33	3.33	0.53 No	0.53 Unintentional Islanding	
SAK312	480	'442347667_/43328124'		10	10	10	0.81	10	10	0.8 No	0.8 Unintentional Islanding
SAK312	481	'4043153_/4043150'		10	10	10	2.74	10	10	1.59 No	1.59 Unintentional Islanding
SAK312	482	'43422962_/3987312'	3.33	3.33	3.33	0.91	3.33	3.33	0.53 No	0.53 Unintentional Islanding	
SAK312	483	'3518021_/3518018'		10	10	10	2.74	3.7	10	1.59 No	1.59 Unintentional Islanding
SAK312	484	'3987327_/50741327_1'	3.33	3.33	3.33	0.91	0.2	3.33	0.53 No	0.2 Element Fault	
SAK312	485	'4044831_/4044861'		10	10	10	2.74	10	10	1.59 No	1.59 Unintentional Islanding
SAK312	486	'4044881_/4044878'		10	10	10	2.74	10	10	1.59 No	1.59 Unintentional Islanding
SAK312	487	'4044817_/4044815_1'	3.33	3.33	3.33	0.91	1.2	3.33	0.53 No	0.53 Unintentional Islanding	
SAK312	488	'3986965_/3986963_1'	3.33	3.33	3.33	0.91	1.2	3.33	0.53 No	0.53 Unintentional Islanding	
SAK312	489	'8769260_/9500460_2'		10	10	10	2.74	3.7	10	1.59 No	1.59 Unintentional Islanding
SAK312	490	'65386935_/65386938_1'		10	10	10	0.02	2.8	10	10 No	0.02 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SAK312	491	'55616197___/7292223'	10	10	10	2.74	3.7	10	1.59 No	1.59	Unintentional Islanding
SAK312	492	'557568153___/557568150'	10	10	10	0.02	2.8	10	1.59 No	0.02	Thermal Discharging
SAK312	493	'290630998___/290631101_2'	10	10	10	2.74	2.2	10	1.59 No	1.59	Unintentional Islanding
SAK312	494	'50158755___/50158758'	10	10	10	2.74	3.7	10	1.59 No	1.59	Unintentional Islanding
SAK312	495	'51114352___/51114357'	10	10	10	2.74	3.8	10	1.59 No	1.59	Unintentional Islanding
SAK312	496	'557568263___/557568192_1'	3.33	3.33	3.33	0.01	0.7	3.33	3.33 No	0.01	Thermal Discharging
SAK312	497	'3511170___/3518038'	10	10	10	2.74	3.7	10	1.59 No	1.59	Unintentional Islanding
SAK312	498	'557568394___/557568316_1'	10	10	10	0	2.8	10	1.59 No	0	Thermal Discharging
SAK312	499	'55616267___/55616194'	10	10	10	2.74	3.7	10	1.59 No	1.59	Unintentional Islanding
SAK312	500	'51114312___/8244096'	10	10	10	2.74	3.8	10	1.59 No	1.59	Unintentional Islanding
SAK312	501	'557568319___/557568316_2'	10	10	10	0	2.8	10	1.59 No	0	Thermal Discharging
SAK312	502	'3509183___/3509181'	10	10	10	2.74	3.8	10	1.59 No	1.6	Unintentional Islanding
SAK312	503	'55616218___/55616269'	10	10	10	2.74	3.7	10	1.59 No	1.59	Unintentional Islanding
SAK312	504	'557568337___/557568334'	10	10	10	0	2.8	10	1.59 No	0	Thermal Discharging
SAK312	505	'502173002___/557568358_1'	10	10	10	0	2.2	10	1.59 No	0	Thermal Discharging
SAK312	506	'379073351___/50158838'	10	10	10	2.74	3.7	10	1.59 No	1.59	Unintentional Islanding
SAK312	507	'404089937___/404089956_1'	10	10	10	2.74	3.7	10	1.59 No	1.59	Unintentional Islanding
SAK312	508	'514538797___/514538794'	10	10	10	0	2.8	10	1.59 No	0	Thermal Discharging
SAK312	509	'557568438___/557568358_2'	10	10	10	0	2.2	10	1.59 No	0	Thermal Discharging
SAK312	510	'557568361___/557568358_3'	10	10	10	0	2.2	10	1.59 No	0	Thermal Discharging
SAK312	511	'514538953___/514538818_1'	10	10	10	0	2.2	10	1.59 No	0	Thermal Discharging
SAK312	512	'557568500___/557568376_1'	10	10	10	0	2.2	10	1.59 No	0	Thermal Discharging
SAK312	513	'502172824___/502172821'	10	10	10	0	2.8	10	1.59 No	0	Thermal Discharging
SAK312	514	'50158831___/379073392'	10	10	10	2.74	3.7	10	1.59 No	1.59	Unintentional Islanding
SAK312	515	'514538897___/514538818_2'	10	10	10	0	2.2	10	1.59 No	0	Thermal Discharging
SAK312	516	'502172961___/502172845_1'	10	10	10	0	2.2	10	1.59 No	0	Thermal Discharging
SAK312	517	'514538821___/514538818_3'	10	10	10	0	2.2	10	1.59 No	0	Thermal Discharging
SAK312	518	'55616239___/55616215'	10	10	10	2.74	3.7	10	1.59 No	1.59	Unintentional Islanding
SAK312	519	'4044818___/4044815_2'	3.33	3.33	3.33	0.91	1.2	3.33	0.53 No	0.53	Unintentional Islanding
SAK312	520	'65386907___/65386911'	10	10	10	0.02	2.8	10	1.59 No	0.02	Thermal Discharging
SAK312	521	'43328109___/442347669'	10	10	10	0.81	10	10	0.8 No	0.8	Unintentional Islanding
SAK312	522	'558791682___/558791679'	10	10	10	0	2.8	10	1.59 No	0	Thermal Discharging
SAK312	523	'557568379___/557568376_2'	10	10	10	0	2.2	10	1.59 No	0	Thermal Discharging
SAK312	524	'502172898___/502172845_2'	10	10	10	0	2.2	10	1.59 No	0	Thermal Discharging
SAK312	525	'558791795___/558791703_1'	10	10	10	0	2.2	10	1.59 No	0	Thermal Discharging
SAK312	526	'502172848___/502172845_3'	10	10	10	0	2.2	10	1.59 No	0	Thermal Discharging
SAK312	527	'3518057___/3518055'	10	10	10	2.74	3.7	10	1.59 No	1.59	Unintentional Islanding
SAK312	528	'541863894___/541863891'	10	10	10	0	2.8	10	1.59 No	0	Thermal Discharging
SAK312	529	'502172992___/502172863_1'	10	10	10	0	2.2	10	1.59 No	0	Thermal Discharging
SAK312	530	'379073287___/379073330'	10	10	10	2.74	3.7	10	1.59 No	1.59	Unintentional Islanding
SAK312	531	'541864040___/541863915_1'	10	10	10	0	2.2	10	1.59 No	0	Thermal Discharging
SAK312	532	'514538839___/514538836'	10	10	10	0	2.2	10	1.59 No	0	Thermal Discharging
SAK312	533	'558791764___/558791703_2'	10	10	10	0	2.2	10	1.59 No	0	Thermal Discharging
SAK312	534	'51114332___/51114329'	10	10	10	2.74	3.8	10	1.59 No	1.59	Unintentional Islanding
SAK312	535	'57239251___/55616236'	10	10	10	2.74	3.7	10	1.59 No	1.59	Unintentional Islanding
SAK312	536	'7897464___/9694114_1'	10	10	10	2.74	2.2	10	1.59 No	1.59	Unintentional Islanding
SAK312	537	'558791706___/558791703_3'	10	10	10	0	2.2	10	1.59 No	0	Thermal Discharging
SAK312	538	'55641801___/57239253'	10	10	10	2.74	3.7	10	1.59 No	1.59	Unintentional Islanding
SAK312	539	'558791826___/558791721_1'	10	10	10	0	2.2	10	1.59 No	0	Thermal Discharging
SAK312	540	'541863994___/541863915_2'	10	10	10	0	2.2	10	1.59 No	0	Thermal Discharging
SAK312	541	'404089984___/404089994'	10	10	10	2.74	3.7	10	1.59 No	1.59	Unintentional Islanding
SAK312	542	'502172866___/502172863_2'	10	10	10	0	2.2	10	1.59 No	0	Thermal Discharging
SAK312	543	'541863918___/541863915_3'	10	10	10	0	2.2	10	1.59 No	0	Thermal Discharging
SAK312	544	'55641813___/55641778'	10	10	10	2.74	3.7	10	1.59 No	1.59	Unintentional Islanding
SAK312	545	'558791724___/558791721_2'	10	10	10	0	2.2	10	1.59 No	0	Thermal Discharging
SAK312	546	'3986966___/3986963_2'	3.33	3.33	3.33	0.91	1.2	3.33	0.53 No	0.53	Unintentional Islanding
SAK312	547	'541863950___/541863947'	10	10	10	0	2.2	10	1.59 No	0	Thermal Discharging
SAK312	548	'442347586___/43328111'	10	10	10	0.81	10	10	0.8 No	0.8	Unintentional Islanding
SAK312	549	'3511171___/3511168'	10	10	10	2.74	3.7	10	1.59 No	1.59	Unintentional Islanding
SAK312	550	'50158794___/50158851'	10	10	10	2.74	3.7	10	1.59 No	1.59	Unintentional Islanding
SAK312	551	'57986178___/55641843'	10	10	10	2.74	3.7	10	1.59 No	1.59	Unintentional Islanding
SAK312	552	'9017660___/9017657_2'	3.33	3.33	3.33	0.91	1.2	3.33	0.53 No	0.53	Unintentional Islanding
SAK312	553	'57986247___/57986254'	10	10	10	2.74	3.7	10	1.59 No	1.59	Unintentional Islanding
SAK312	554	'65386875___/65386878'	10	10	10	0.02	2.8	10	1.59 No	0.02	Thermal Discharging
SAK312	555	'557568195___/557568192_2'	3.33	3.33	3.33	0.01	0.7	3.33	3.33 No	0.01	Thermal Discharging
SAK312	556	'3509133___/3509252'	10	10	10	2.74	3.8	10	1.59 No	1.59	Unintentional Islanding
SAK312	557	'57986211___/57986275'	10	10	10	2.74	3.7	10	1.59 No	1.59	Unintentional Islanding
SAK312	558	'7510154___/8769258'	10	10	10	2.74	3.7	10	1.59 No	1.59	Unintentional Islanding
SAK312	559	'3511191___/3511188'	10	10	10	2.74	3.7	10	1.59 No	1.59	Unintentional Islanding
SAK312	560	'625619405___/625619409'	10	10	10	2.74	3.8	10	1.59 No	1.59	Unintentional Islanding
SAK312	561	'65386847___/65386851'	10	10	10	0.02	2.8	10	1.59 No	0.02	Thermal Discharging
SAK312	562	'3986979___/3986976'	3.33	3.33	3.33	0.91	1.2	3.33	0.53 No	0.53	Unintentional Islanding
SAK312	563	'9694117___/9694114_2'	10	10	10	2.74	2.2	10	1.59 No	1.59	Unintentional Islanding
SAK312	564	'3509132___/3509130'	10	10	10	2.74	3.8	10	1.59 No	1.59	Unintentional Islanding
SAK312	565	'3509150___/3509147'	10	10	10	2.74	3.8	10	1.59 No	1.59	Unintentional Islanding
SAK312	566	'355865495___/355865492'	10	10	10	2.74	3.8	10	1.59 No	1.59	Unintentional Islanding
SAK312	567	'650669261___/650669258'	3.33	3.33	3.33	0.91	1.27	3.33	0.53 No	0.53	Unintentional Islanding
SAK312	568	'65386815___/65386818'	10	10	10	0.02	2.8	10	1.59 No	0.02	Thermal Discharging
SAK312	569	'50733971___/3509164_1'	10	10	10	2.74	3.8	10	1.59 No	1.59	Unintentional Islanding
SAK312	570	'3509167___/3509164_2'	10	10	10	2.74	3.8	10	1.59 No	1.59	Unintentional Islanding
SAK312	571	'3537644___/442347588'	10	10	10	0.81	10	10	0.8 No	0.8	Unintentional Islanding
SAK312	572	'3537698___/3537708_1'	3.33	3.33	3.33	0.27	1.2	3.33	0.27 No	0.27	Thermal Discharging
SAK312	573	'39704138___/8451114'	10	10	10	2.74	3.7	10	1.58 No	1.58	Unintentional Islanding
SAK312	574	'381957990___/381957987'	3.33	3.33	3.33	0.91	1.27	3.33	0.53 No	0.53	Unintentional Islanding
SAK312	575	'355865515___/355865512'	10	10	10	2.74	3.8	10	1.59 No	1.59	Unintentional Islanding
SAK312	576	'50733972___/51614334'	10	10	10	2.74	3.8	10	1.59 No	1.59	Unintentional Islanding
SAK312	577	'3537711___/3537708_2'	3.33	3.33	3.33	0.27	1.2	3.33	0.27 No	0.27	Thermal Discharging
SAK312	578	'3511291___/3511289'	10	10	10	2.74	3.8	10	1.59 No	1.59	Unintentional Islanding
SAK312	579	'44097040___/44097037'	10	10	10	2.74	3.7	10	1.58 No	1.58	Unintentional Islanding
SAK312	580	'55641828___/57986217'	10	10	10	2.74	3.7	10	1.58 No	1.58	Unintentional Islanding
SAK312	581	'65386787___/65386791'	10	10	10	0.02	2.8	10	1.58 No	0.02	Thermal Discharging
SAK312	582	'7897444___/8213123_1'	10	10	10	2.74	2.3	10	1.59 No	1.59	Unintentional Islanding
SAK312	583	'51614387___/51614362'	10	10	10	2.74	3.8	10	1.59 No	1.59	Unintentional Islanding
SAK312	584	'50811443___/50811512'	10	10	10	2.74	3.7	10	1.58 No	1.58	Unintentional Islanding

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SAK312	585	'3509275_/3509272'	3.33		3.33	3.33	0.91	1.27	3.33	0.53 No	0.53 Unintentional Islanding
SAK312	586	'3537645_/3537642'	8.9		10	10	0.81	10	10	0.8 No	0.8 Unintentional Islanding
SAK312	587	'369234802_/355865532'	10		10	10	2.74	3.8	10	1.59 No	1.59 Unintentional Islanding
SAK312	588	'381957997_/381957994'	3.33		3.33	3.33	0.91	1.27	3.33	0.53 No	0.53 Unintentional Islanding
SAK312	589	'474832506_/474832510'	10		10	10	0.02	2.8	10	10 No	0.02 Thermal Discharging
SAK312	590	'9084382_/50811450'	10		10	10	2.74	3.7	10	1.58 No	1.58 Unintentional Islanding
SAK312	591	'3511309_/3511306'	3.33		3.33	3.33	0.91	1.27	3.33	0.53 No	0.53 Unintentional Islanding
SAK312	592	'8213126_/8213123_2'	10		10	10	2.74	2.3	10	1.59 No	1.59 Unintentional Islanding
SAK312	593	'91174540_/91174551'	10		10	10	2.74	3.7	10	1.58 No	1.58 Unintentional Islanding
SAK312	594	'50811607_/50811609'	10		10	10	2.74	3.7	10	1.58 No	1.58 Unintentional Islanding
SAK312	595	'65386755_/65386758'	10		10	10	0.02	2.8	10	10 No	0.02 Thermal Discharging
SAK312	596	'3511324_/3511322'	10		10	10	2.74	3.8	10	1.59 No	1.59 Unintentional Islanding
SAK312	597	'86186243_/86186212'	10		10	10	2.74	3.8	10	1.59 No	1.59 Unintentional Islanding
SAK312	598	'50811577_/50811636'	10		10	10	2.74	3.7	10	1.58 No	1.58 Unintentional Islanding
SAK312	599	'66379132_/66379137'	8		10	10	0.81	10	10	0.8 No	0.8 Unintentional Islanding
SAK312	600	'657883517_/66379605_2'	2.67		3.33	3.33	0.27	3.33	3.33	0.27 No	0.27 Thermal Discharging
SAK312	601	'475331314_/65386731'	10		10	10	0.02	2.8	10	10 No	0.02 Thermal Discharging
SAK312	602	'355865555_/355865552'	10		10	10	2.74	3.8	10	1.59 No	1.59 Unintentional Islanding
SAK312	603	'368758242_/368758189_1'	10		10	10	2.74	3.6	10	1.59 No	1.59 Unintentional Islanding
SAK312	604	'50811543_/50811584'	10		10	10	2.74	3.7	10	1.58 No	1.58 Unintentional Islanding
SAK312	605	'368758170_/368758189_2'	10		10	10	2.74	3.6	10	1.59 No	1.59 Unintentional Islanding
SAK312	606	'9084381_/9084379'	10		10	10	2.74	3.7	10	1.58 No	1.58 Unintentional Islanding
SAK312	607	'65386665_/475331318'	10		10	10	0.02	2.8	10	10 No	0.02 Thermal Discharging
SAK312	608	'66379629_/66379605_1'	2.67		3.33	3.33	0.27	1.2	3.33	0.27 No	0.27 Thermal Discharging
SAK312	609	'9399074_/9399072'	10		10	10	2.74	3.7	10	1.58 No	1.58 Unintentional Islanding
SAK312	610	'3537149_/3537662'	7.3		10	10	0.81	10	10	0.8 No	0.8 Unintentional Islanding
SAK312	611	'66378988_/66378988'	7.3		10	10	0.81	10	10	0.8 No	0.8 Unintentional Islanding
SAK312	612	'43332218_/43329175'	10		10	10	2.74	3.8	10	1.59 No	1.59 Unintentional Islanding
SAK312	613	'3993571_/9501032_2'	10		10	10	2.74	3.7	10	1.58 No	1.58 Unintentional Islanding
SAK312	614	'66379661_/66379632'	2.67		3.33	3.33	0.27	1.2	3.33	0.27 No	0.27 Thermal Discharging
SAK312	615	'43329212_/43332220'	10		10	10	2.74	3.8	10	1.59 No	1.59 Unintentional Islanding
SAK312	616	'66379081_/66379086'	6.8		10	10	0.81	10	10	0.8 No	0.8 Unintentional Islanding
SAK312	617	'3520289_/43329214'	10		10	10	2.74	3.8	10	1.59 No	1.59 Unintentional Islanding
SAK312	618	'66379668_/66379665'	2.7		3.33	3.33	0.27	1.2	3.33	0.27 No	0.27 Thermal Discharging
SAK312	619	'66379038_/66379043'	6.2		10	10	0.81	10	10	0.8 No	0.8 Unintentional Islanding
SAK312	620	'154968168_/3520303'	10		10	10	2.74	3.8	10	1.59 No	1.59 Unintentional Islanding
SAK312	621	'3537150_/3537147'	5.7		10	10	0.81	10	10	0.8 No	0.8 Unintentional Islanding
SAK312	622	'3537271_/66378365_1'	1.9		3.33	3.33	0.27	0.9	3.33	0.27 No	0.27 Thermal Discharging
SAK312	623	'66378897_/66378902'	5.5		10	10	0.81	10	10	0.8 No	0.8 Unintentional Islanding
SAK312	624	'66378360_/66378365_2'	1.9		3.33	3.33	0.27	0.9	3.33	0.27 No	0.27 Thermal Discharging
SAK312	625	'66378823_/66378828'	5.4		10	10	0.81	10	10	0.8 No	0.8 Unintentional Islanding
SAK312	626	'66378361_/3537269'	1.9		3.33	3.33	0.27	0.9	3.33	0.27 No	0.27 Thermal Discharging
SAK312	627	'66378729_/66378734'	5.2		10	10	0.81	10	10	0.8 No	0.8 Unintentional Islanding
SAK312	628	'66378488_/66378454'	1.9		3.33	3.33	0.27	0.9	3.33	0.27 No	0.27 Thermal Discharging
SAK312	629	'43334231_/3537724'	1.9		3.33	3.33	0.27	0.9	3.33	0.27 No	0.27 Thermal Discharging
SAK312	630	'66378666_/66378671'	5		10	10	0.81	10	10	0.8 No	0.8 Unintentional Islanding
SAK312	631	'66378065_/66378070'	4.9		10	10	0.81	10	10	0.8 No	0.8 Unintentional Islanding
SAK312	632	'66378270_/66378168_1'	1.63		3.33	3.33	0.27	1.2	3.33	0.27 No	0.27 Thermal Discharging
SAK312	633	'66378171_/66378168_2'	1.63		3.33	3.33	0.27	1.2	3.33	0.27 No	0.27 Thermal Discharging
SAK312	634	'3537167_/3537164'	4.7		10	10	0.81	10	10	0.8 No	0.8 Unintentional Islanding
SAK312	635	'3537230_/3537243_1'	1.57		3.33	3.33	0.27	0.9	3.33	0.27 No	0.27 Thermal Discharging
SAK312	636	'118330124_/65386659'	10		10	10	0.02	2.8	10	10 No	0.02 Thermal Discharging
SAK312	637	'66377866_/3537243_2'	1.57		3.33	3.33	0.27	0.9	3.33	0.27 No	0.27 Thermal Discharging
SAK312	638	'3537727_/43334233'	1.93		3.33	3.33	0.27	0.9	3.33	0.27 No	0.27 Thermal Discharging
SAK312	639	'66377674_/66377679'	4.4		10	10	0.81	10	10	0.8 No	0.8 Unintentional Islanding
SAK312	640	'3537184_/3537181'	4.3		10	10	0.81	10	10	0.8 No	0.8 Unintentional Islanding
SAK312	641	'3537201_/3537198'	1.43		3.33	3.33	0.27	0.9	3.33	0.27 No	0.27 Thermal Discharging
SAK312	642	'118329927_/118330286'	10		10	10	0.02	2.8	10	10 No	0.02 Thermal Discharging
SAK312	643	'240419158_/118330450_2'	10		10	10	0.02	2.8	10	10 No	0.02 Thermal Discharging
SAK312	644	'3537216_/3537214'	1.43		3.33	3.33	0.27	0.9	3.33	0.26 No	0.26 Unintentional Islanding
SAK312	645	'40374469_/7510170'	3.33		3.33	3.33	0.91	1.23	3.33	0.52 No	0.52 Unintentional Islanding
SAK312	646	'7510155_/44100208'	3.33		3.33	3.33	0.91	1.23	3.33	0.52 No	0.52 Unintentional Islanding
SAK312	647	'43334185_/3537504'	3.9		10	10	0.81	10	10	0.79 No	0.79 Unintentional Islanding
SAK312	648	'3537439_/3537449_1'	1.3		3.33	3.33	0.27	0.9	3.33	0.26 No	0.26 Unintentional Islanding
SAK312	649	'3537408_/3537613_1'	1.3		3.33	3.33	0.27	0.9	3.33	0.26 No	0.26 Unintentional Islanding
SAK312	650	'118330439_/118330450_1'	10		10	10	0.02	2.2	10	10 No	0.02 Thermal Discharging
SAK312	651	'718145277_/3537613_2'	1.3		3.33	3.33	0.27	0.9	3.33	0.26 No	0.26 Unintentional Islanding
SAK312	652	'3537452_/3537449_2'	1.3		3.33	3.33	0.27	0.9	3.33	0.26 No	0.26 Unintentional Islanding
SAK312	653	'3537392_/3537419'	3.5		10	10	0.81	10	10	0.79 No	0.79 Unintentional Islanding
SAK312	654	'413812884_/3537629_2'	1.17		3.33	3.33	0.27	0.9	3.33	0.26 No	0.26 Unintentional Islanding
SAK312	655	'43334209_/718145283'	1.3		3.33	3.33	0.27	0.9	3.33	0.26 No	0.26 Unintentional Islanding
SAK312	656	'3537391_/3537389'	3.4		10	10	0.81	10	10	0.79 No	0.79 Unintentional Islanding
SAK312	657	'3537632_/3537629_1'	1.2		3.33	3.33	0.27	0.9	3.33	0.26 No	0.26 Unintentional Islanding
SAK312	658	'3537310_/3537521'	3.2		10	10	0.81	10	10	0.79 No	0.79 Unintentional Islanding
SAK312	659	'3537311_/3537308'	2.9		10	10	0.81	10	10	0.79 No	0.79 Unintentional Islanding
SAK312	660	'66377525_/3537344_2'	0.97		3.33	3.33	0.27	0.9	3.33	0.26 No	0.26 Unintentional Islanding
SAK312	661	'66377437_/66377442'	2.9		10	10	0.81	10	10	0.79 No	0.79 Unintentional Islanding
SAK312	662	'3537347_/3537344_1'	0.97		3.33	3.33	0.27	0.9	3.33	0.26 No	0.26 Unintentional Islanding
SAK312	663	'66377363_/66377368'	2.8		10	10	0.81	10	10	0.79 No	0.79 Unintentional Islanding
SAK312	664	'66377289_/66377294'	2.8		10	10	0.81	10	10	0.79 No	0.79 Unintentional Islanding
SAK312	665	'66377215_/66377220'	2.7		10	10	0.81	10	10	0.79 No	0.79 Unintentional Islanding
SAK312	666	'66377141_/66377146'	2.7		10	10	0.81	10	10	0.79 No	0.79 Unintentional Islanding
SAK312	667	'7138053_/7138067'	2.6		10	10	0.81	10	10	0.79 No	0.79 Unintentional Islanding
SAK312	668	'66376946_/66376951'	2.5		10	10	0.81	10	10	0.79 No	0.79 Unintentional Islanding
SAK312	669	'66376872_/66376877'	2.5		10	10	0.81	10	10	0.79 No	0.79 Unintentional Islanding
SAK312	670	'66377099_/433779383_2'	2.5		10	10	0.81	10	10	0.79 No	0.79 Unintentional Islanding
SAK312	671	'66377091_/43334176_2'	0.83		3.33	3.33	0.27	0.9	3.33	0.26 No	0.26 Unintentional Islanding
SAK312	672	'3537330_/43334176_1'	0.83		3.33	3.33	0.27	0.9	3.33	0.26 No	0.26 Unintentional Islanding
SAK312	673	'433779381_/433779383_1'	2.2		10	10	0.81	10	10	0.79 No	0.79 Unintentional Islanding
SAK312	674	'433779441_/433779443'	2.1		10	10	0.81	10	10	0.79 No	0.79 Unintentional Islanding
SAK312	675	'433779461_/433779463'	2.1		10	10	0.81	10	10	0.79 No	0.79 Unintentional Islanding
SAK312	676	'443564101_/443564103'	2		10	10	0.81	10	10	0.79 No	0.79 Unintentional Islanding
SAK312	677	'443564139_/443564141'	2		10	10	0.81	10	10	0.79 No	0.79 Unintentional Islanding
SAK312	678	'71478943_/71478876'	1.9		10	10	0.81	10	10	0.79 No	0.79 Unintentional Islanding

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SAK312	679	'71478810_/71478755'		1.9	10	10	0.81	10	10	0.79 No	0.79 Unintentional Islanding
SAK312	680	'71478696_/71478637'		1.8	10	10	0.81	10	10	0.79 No	0.79 Unintentional Islanding
SAK312	681	'71478599_/7195797'		1.8	10	10	0.81	10	10	0.79 No	0.79 Unintentional Islanding
SAK312	682	'44070904_/71478593'		1.7	10	10	0.81	10	10	0.79 No	0.79 Unintentional Islanding
SAK312	683	'7173280_/44070906'		1.2	10	9.7	0.81	10	10	0.79 No	0.79 Unintentional Islanding
SAK312	684	'84078114_/7173278'		1.2	10	9.7	0.81	10	10	0.79 No	0.79 Unintentional Islanding
SAK312	685	'84078107_/84078111'		1.2	10	9.7	0.81	10	10	0.79 No	0.79 Unintentional Islanding
SAK312	686	'84078071_/84078074'		1.2	10	9.7	0.81	10	10	0.79 No	0.79 Unintentional Islanding
SAK312	687	'63580887_/84078043'		1.2	10	9.7	0.81	10	10	0.79 No	0.79 Unintentional Islanding
SAK312	688	'622933171_/84077763_2'		1.2	10	9.7	0.81	10	10	0.79 No	0.79 Unintentional Islanding
SAK312	689	'44070917_/84077763_1'		1.2	10	9.7	0.81	10	10	0.79 No	0.79 Unintentional Islanding
SAK312	690	'44070931_/44070919'		1.2	10	9.5	0.81	10	10	0.79 No	0.79 Unintentional Islanding
SAK312	691	'44070945_/44070933'		1.2	10	9.3	0.81	10	10	0.78 No	0.78 Unintentional Islanding
SAK312	692	'44070658_/44070947'		1.2	10	9.1	0.81	10	10	0.78 No	0.78 Unintentional Islanding
SAK312	693	'44070672_/44070660'		1.1	10	9	0.81	10	10	0.78 No	0.78 Unintentional Islanding
SAK312	694	'44070686_/44070674'		1.1	10	8.8	0.81	10	10	0.78 No	0.78 Unintentional Islanding
SAK312	695	'44070700_/44070688'		1.1	10	8.7	0.81	10	10	0.78 No	0.78 Unintentional Islanding
SAK312	696	'44070714_/44070702'		1.1	10	8.5	0.81	10	10	0.77 No	0.77 Unintentional Islanding
SAK312	697	'44070728_/44070716'		1	10	8.4	0.81	10	10	0.77 No	0.77 Unintentional Islanding
SAK312	698	'44070742_/44070730'		1	10	8.4	0.81	10	10	0.77 No	0.77 Unintentional Islanding
SAK312	699	'44070756_/44070744'		1	10	8.3	0.81	10	10	0.77 No	0.77 Unintentional Islanding
SAK312	700	'44070770_/44070758'		1	10	8.2	0.81	10	10	0.77 No	0.77 Unintentional Islanding
SAK312	701	'44070784_/44070772'		1	10	8	0.81	10	10	0.77 No	0.77 Unintentional Islanding
SAK312	702	'44070798_/44070786'		0.9	10	7.9	0.81	10	10	0.77 No	0.77 Unintentional Islanding
SAK312	703	'44070812_/44070800'		0.9	10	7.8	0.81	10	10	0.76 No	0.76 Unintentional Islanding
SAK312	704	'44071024_/44070814'		0.9	10	7.7	0.81	10	10	0.76 No	0.76 Unintentional Islanding
SAK312	705	'44070826_/44071026'		0.9	10	7.6	0.81	10	10	0.76 No	0.76 Unintentional Islanding
SAK312	706	'44070982_/44070828'		0.9	10	7.5	0.81	10	10	0.76 No	0.76 Unintentional Islanding
SAK312	707	'44070996_/44070984'		0.9	10	7.5	0.81	10	10	0.76 No	0.76 Unintentional Islanding
SAK312	708	'44071010_/44070998'		0.8	10	7.4	0.81	10	10	0.76 No	0.76 Unintentional Islanding
SAK312	709	'7173315_/44071012'		0.8	10	7.3	0.81	10	10	0.75 No	0.75 Unintentional Islanding
SAK312	710	'44078395_/44078397'		0.7	10	6.4	0.81	10	10	0.75 No	0.7 Primary Over-Voltage
SAK312	711	'44070560_/44070562'		0.7	10	5.7	0.81	10	10	0.75 No	0.7 Primary Over-Voltage
SAK312	712	'44078410_/44078412'		0.6	10	5.1	0.81	10	10	0.75 No	0.6 Primary Over-Voltage
SAK312	713	'44078423_/44078425'		0.6	10	4.7	0.81	10	10	0.75 No	0.6 Primary Over-Voltage
SAK312	714	'154929557_/154929559'		0.5	10	4.6	0.81	10	10	0.75 No	0.5 Primary Over-Voltage
SAK312	715	'154880971_/154880973'		0.5	10	4.6	0.81	10	10	0.75 No	0.5 Primary Over-Voltage
SAK312	716	'154929518_/622934684_2'		0.17	3.33	1.53	0.27	3.33	3.33	0.25 No	0.17 Primary Over-Voltage
SAK312	717	'154929497_/622934684_1'		0.17	3.33	1.53	0.27	0.4	3.33	0.25 No	0.17 Primary Over-Voltage
SAK312	718	'154880013_/154879875'		0.5	10	4.5	0.81	10	10	0.75 No	0.5 Primary Over-Voltage
SAK312	719	'154880008_/154880010'		0.5	10	4.5	0.81	10	10	0.75 No	0.5 Primary Over-Voltage
SAK312	720	'154879987_/154879989'		0.5	10	4.4	0.81	10	10	0.75 No	0.5 Primary Over-Voltage
SAK312	721	'154879966_/154879968'		0.5	10	4.4	0.81	10	10	0.75 No	0.5 Primary Over-Voltage
SAK312	722	'3524032_/7173044'		0.5	10	4.4	0.81	10	10	0.75 No	0.5 Primary Over-Voltage
SAK312	723	'3524033_/3524030'		0.5	10	4.4	0.81	10	10	0.75 No	0.5 Primary Over-Voltage
SAK312	724	'3537782_/3537779'		0.5	10	4.3	0.81	10	10	0.75 No	0.5 Primary Over-Voltage
SAK312	725	'7193524_/3543262_1'		0.5	10	4.3	0.81	10	10	0.75 No	0.5 Primary Over-Voltage
SAK312	726	'7193525_/7193522_1'		0.17	3.33	1.43	0.27	1.2	3.33	0.25 No	0.17 Primary Over-Voltage
SAK312	727	'49477716_/7193522_2'		0.17	3.33	1.43	0.27	1.2	3.33	0.25 No	0.17 Primary Over-Voltage
SAK312	728	'383472444_/3543262_2'		0.5	10	4.3	0.81	10	10	0.75 No	0.5 Primary Over-Voltage
SAK312	729	'383472672_/383472540_1'		0.5	10	4.3	0.81	3.6	10	0.75 No	0.5 Primary Over-Voltage
SAK312	730	'383472543_/383472540_2'		0.5	10	4.3	0.81	3.6	10	0.75 No	0.5 Primary Over-Voltage
SAK312	731	'49477693_/49477713'		0.17	3.33	1.43	0.27	1.2	3.33	0.25 No	0.17 Primary Over-Voltage
SAK312	732	'383472608_/383472605'		0.5	10	4.3	0.81	3.6	10	0.75 No	0.5 Primary Over-Voltage
SAK312	733	'49477668_/49477690'		0.17	3.33	1.43	0.27	1.2	3.33	0.25 No	0.17 Primary Over-Voltage
SAK312	734	'3543265_/383472448'		0.5	10	4.2	0.81	10	10	0.74 No	0.5 Primary Over-Voltage
SAK312	735	'49477641_/49477665'		0.17	3.33	1.43	0.27	1.2	3.33	0.25 No	0.17 Primary Over-Voltage
SAK312	736	'3543284_/3543489'		0.5	10	4.1	0.81	10	10	0.74 No	0.5 Primary Over-Voltage
SAK312	737	'38178001_/49477638'		0.17	3.33	1.43	0.27	1.2	3.33	0.25 No	0.17 Primary Over-Voltage
SAK312	738	'3543285_/3543282'		0.5	10	4.1	0.81	10	10	0.74 No	0.5 Primary Over-Voltage
SAK312	739	'3543458_/3543455'		0.5	10	4.1	0.81	10	10	0.74 No	0.5 Primary Over-Voltage
SAK312	740	'3543301_/3543472'		0.5	10	4.1	0.81	10	10	0.74 No	0.5 Primary Over-Voltage
SAK312	741	'414552325_/3543413_2'		0.17	3.33	1.37	0.27	2.6	3.33	0.25 No	0.17 Primary Over-Voltage
SAK312	742	'3543302_/3543299'		0.5	10	4.1	0.81	10	10	0.74 No	0.5 Primary Over-Voltage
SAK312	743	'123896195_/3543413_1'		0.17	3.33	1.37	0.27	1.2	3.33	0.25 No	0.17 Primary Over-Voltage
SAK312	744	'3543539_/153942234'		0.5	10	4	0.81	10	10	0.74 No	0.5 Primary Over-Voltage
SAK312	745	'3543432_/3543429'		0.17	3.33	1.37	0.27	1.2	3.33	0.25 No	0.17 Primary Over-Voltage
SAK312	746	'63984997_/3544034'		0.5	10	4	0.81	10	10	0.74 No	0.5 Primary Over-Voltage
SAK312	747	'77498063_/3544068'		0.5	10	4	0.81	10	10	0.74 No	0.5 Primary Over-Voltage
SAK312	748	'3544000_/3543998_1'		0.5	10	4	0.81	3.6	10	0.74 No	0.5 Primary Over-Voltage
SAK312	749	'3523923_/3523921'		0.5	10	4	0.81	10	10	0.74 No	0.5 Primary Over-Voltage
SAK312	750	'304385517_/63984976_1'		0.17	3.33	1.33	0.27	0.9	3.33	0.25 No	0.17 Primary Over-Voltage
SAK312	751	'239403812_/239403814'		0.5	10	4	0.81	10	10	0.74 No	0.5 Primary Over-Voltage
SAK312	752	'239403997_/155041469_1'		0.5	10	4	0.81	2.2	10	0.74 No	0.5 Primary Over-Voltage
SAK312	753	'239405058_/155041469_2'		0.5	10	4	0.81	2.2	10	0.74 No	0.5 Primary Over-Voltage
SAK312	754	'63985024_/63984976_2'		0.17	3.33	1.33	0.27	0.9	3.33	0.25 No	0.17 Primary Over-Voltage
SAK312	755	'3543709_/3543707'		0.5	10	4	0.81	10	10	0.74 No	0.5 Primary Over-Voltage
SAK312	756	'3543521_/3543998_2'		0.5	10	4	0.81	3.6	10	0.74 No	0.5 Primary Over-Voltage
SAK312	757	'726928563_/726928546_2'		0.5	10	4	0.81	10	10	0.74 No	0.5 Primary Over-Voltage
SAK312	758	'726928542_/726928546_1'		0.5	10	4	0.81	10	10	0.74 No	0.5 Primary Over-Voltage
SAK312	759	'3543677_/3543724'		0.5	10	4	0.81	10	10	0.74 No	0.5 Primary Over-Voltage
SAK312	760	'3536920_/3543519'		0.5	10	4	0.81	3.6	10	0.74 No	0.5 Primary Over-Voltage
SAK312	761	'7153654_/3543674_2'		0.5	10	3.9	0.81	10	10	0.74 No	0.5 Primary Over-Voltage
SAK312	762	'3543606_/3543674_1'		0.5	10	3.9	0.81	10	10	0.74 No	0.5 Primary Over-Voltage
SAK312	763	'7153655_/7153670_1'		0.17	3.33	1.3	0.27	1.2	3.33	0.25 No	0.17 Primary Over-Voltage
SAK312	764	'3536921_/3536918'		0.5	10	4	0.81	3.6	10	0.74 No	0.5 Primary Over-Voltage
SAK312	765	'3543589_/3543603'		0.5	10	3.9	0.81	10	10	0.74 No	0.5 Primary Over-Voltage
SAK312	766	'43333468_/7153670_2'		0.17	3.33	1.3	0.27	1.2	3.33	0.25 No	0.17 Primary Over-Voltage
SAK312	767	'3537544_/3537541'		0.5	10	4	0.81	3.6	10	0.74 No	0.5 Primary Over-Voltage
SAK312	768	'3540944_/3543586'		0.5	10	3.9	0.81	10	10	0.74 No	0.5 Primary Over-Voltage
SAK312	769	'3540927_/3540941'		0.5	10	3.9	0.81	10	10	0.74 No	0.5 Primary Over-Voltage
SAK312	770	'231099693_/3540958_1'		0.17	3.33	1.3	0.27	1.2	3.33	0.25 No	0.17 Primary Over-Voltage
SAK312	771	'7196880_/7196877_1'		0.5	10	4	0.81	2.2	10	0.74 No	0.5 Primary Over-Voltage
SAK312	772	'73252286_/3540924'		0.5	10	3.9	0.81	10	10	0.74 No	0.5 Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SAK312	773	'7196859_/7196877_2'		0.5	10	4	0.81	2.2	10	0.74 No	0.5 Primary Over-Voltage
SAK312	774	'3540961_/3540958_2'		0.17	3.33	1.3	0.27	1.2	3.33	0.25 No	0.17 Primary Over-Voltage
SAK312	775	'43333457_/43333470'		0.17	3.33	1.33	0.27	1.2	3.33	0.25 No	0.17 Primary Over-Voltage
SAK312	776	'73252356_/73252336_1'		0.5	10	3.9	0.81	3.6	10	0.74 No	0.5 Primary Over-Voltage
SAK312	777	'73252329_/73252336_2'		0.5	10	3.9	0.81	3.6	10	0.74 No	0.5 Primary Over-Voltage
SAK312	778	'7153673_/43333459'		0.17	3.33	1.33	0.27	1.2	3.33	0.25 No	0.17 Primary Over-Voltage
SAK312	779	'3541179_/3541176'		0.17	3.33	1.3	0.27	1.2	3.33	0.25 No	0.17 Primary Over-Voltage
SAK312	780	'3540893_/3540907'		0.5	10	3.9	0.81	10	10	0.74 No	0.5 Primary Over-Voltage
SAK312	781	'3540876_/3540890'		0.5	10	3.8	0.81	10	10	0.74 No	0.5 Primary Over-Voltage
SAK312	782	'3540859_/3540873'		0.5	10	3.8	0.81	10	10	0.74 No	0.5 Primary Over-Voltage
SAK312	783	'3540771_/3540856'		0.5	10	3.8	0.81	10	10	0.74 No	0.5 Primary Over-Voltage
SAK312	784	'3540770_/3540768'		0.5	10	3.8	0.81	10	10	0.74 No	0.5 Primary Over-Voltage
SAK312	785	'3541025_/3541122'		0.4	10	3.8	0.81	10	10	0.74 No	0.4 Primary Over-Voltage
SAK312	786	'3541024_/3541022'		0.4	10	3.8	0.81	10	10	0.74 No	0.4 Primary Over-Voltage
SAK312	787	'3538364_/3541089'		0.4	10	3.8	0.81	10	10	0.74 No	0.4 Primary Over-Voltage
SAK312	788	'3541108_/43333546'		0.13	3.33	1.27	0.27	3.33	3.33	0.25 No	0.13 Primary Over-Voltage
SAK312	789	'157601658_/157601655'		0.4	10	3.8	0.81	10	10	0.74 No	0.4 Primary Over-Voltage
SAK312	790	'3538347_/3538361'		0.4	10	3.7	0.81	10	10	0.74 No	0.4 Primary Over-Voltage
SAK312	791	'3538346_/3538344'		0.4	10	3.7	0.81	10	10	0.74 No	0.4 Primary Over-Voltage
SAK312	792	'3538330_/3538434'		0.4	10	3.7	0.81	10	10	0.74 No	0.4 Primary Over-Voltage
SAK312	793	'7507023_/9712036_1'		0.13	3.33	1.23	0.27	1.2	3.33	0.25 No	0.13 Primary Over-Voltage
SAK312	794	'50387015_/50387012'		0.4	10	3.7	0.81	10	10	0.74 No	0.4 Primary Over-Voltage
SAK312	795	'3537847_/3537845'		0.4	10	3.7	0.81	10	10	0.74 No	0.4 Primary Over-Voltage
SAK312	796	'9712039_/9712036_2'		0.13	3.33	1.23	0.27	1.2	3.33	0.25 No	0.13 Primary Over-Voltage
SAK312	797	'3538112_/3538172'		0.4	10	3.7	0.81	10	10	0.74 No	0.4 Primary Over-Voltage
SAK312	798	'3537968_/3538109'		0.4	10	3.6	0.81	10	10	0.74 No	0.4 Primary Over-Voltage
SAK312	799	'3537967_/3537965'		0.4	10	3.6	0.81	10	10	0.74 No	0.4 Primary Over-Voltage
SAK312	800	'3537951_/3538092'		0.4	10	3.6	0.81	10	10	0.74 No	0.4 Primary Over-Voltage
SAK312	801	'262482111_/156259459_1'		0.4	10	3.6	0.81	3.6	10	0.74 No	0.4 Primary Over-Voltage
SAK312	802	'156259450_/156259459_2'		0.4	10	3.6	0.81	3.6	10	0.74 No	0.4 Primary Over-Voltage
SAK312	803	'229706647_/156259515_1'		0.13	3.33	1.2	0.27	0.7	3.33	0.25 No	0.13 Primary Over-Voltage
SAK312	804	'3538025_/3538022'		0.4	10	3.6	0.81	3.6	10	0.74 No	0.4 Primary Over-Voltage
SAK312	805	'156259497_/156259515_2'		0.13	3.33	1.2	0.27	0.7	3.33	0.25 No	0.13 Primary Over-Voltage
SAK312	806	'3537934_/3537948'		0.4	10	3.6	0.81	10	9.99	0.74 No	0.4 Primary Over-Voltage
SAK312	807	'155998240_/155998222_2'		0.13	3.33	1.2	0.27	3.33	3.33	0.25 No	0.13 Primary Over-Voltage
SAK312	808	'154736410_/3537931'		0.4	10	3.6	0.81	10	9.97	0.74 No	0.4 Primary Over-Voltage
SAK312	809	'155998286_/155998274_2'		0.4	10	3.6	0.81	10	9.97	0.74 No	0.4 Primary Over-Voltage
SAK312	810	'154736406_/155998274_1'		0.4	10	3.6	0.81	4.5	9.97	0.74 No	0.4 Primary Over-Voltage
SAK312	811	'155998300_/154736449'		0.4	10	3.6	0.81	4.5	9.97	0.74 No	0.4 Primary Over-Voltage
SAK312	812	'155998224_/155998222_1'		0.13	3.33	1.2	0.27	1.2	3.32	0.25 No	0.13 Primary Over-Voltage
SAK312	813	'3537900_/3537914'		0.4	10	3.5	0.81	10	9.94	0.74 No	0.4 Primary Over-Voltage
SAK312	814	'3537883_/3537897'		0.4	10	3.5	0.81	10	9.92	0.74 No	0.4 Primary Over-Voltage
SAK312	815	'3537120_/3537880'		0.4	10	3.5	0.81	10	9.89	0.74 No	0.4 Primary Over-Voltage
SAK312	816	'3537103_/3537117'		0.4	10	3.5	0.81	10	9.86	0.74 No	0.4 Primary Over-Voltage
SAK312	817	'3537086_/3537100'		0.4	10	3.5	0.81	10	9.83	0.74 No	0.4 Primary Over-Voltage
SAK312	818	'3537069_/3537083'		0.4	10	3.5	0.81	10	9.8	0.74 No	0.4 Primary Over-Voltage
SAK312	819	'3537052_/3537066'		0.4	10	3.4	0.81	10	9.77	0.74 No	0.4 Primary Over-Voltage
SAK312	820	'3537035_/3537049'		0.4	10	3.4	0.81	10	9.73	0.74 No	0.4 Primary Over-Voltage
SAK312	821	'3537034_/3537032'		0.4	10	3.4	0.81	10	9.69	0.74 No	0.4 Primary Over-Voltage
SAK312	822	'117969245_/7135741'		0.4	9.8	3.3	0.81	10	9.58	0.74 No	0.4 Primary Over-Voltage
SAK312	823	'117969128_/117969222'		0.4	9.7	3.3	0.81	10	9.52	0.74 No	0.4 Primary Over-Voltage
SAK312	824	'7147598_/117969200'		0.4	9.4	3.2	0.81	10	9.36	0.74 No	0.4 Primary Over-Voltage
SAK312	825	'44057463_/7186684'		0.4	9.4	3.2	0.81	10	9.33	0.74 No	0.4 Primary Over-Voltage
SAK312	826	'44057450_/44057465'		0.4	9.2	3.1	0.81	10	9.23	0.74 No	0.4 Primary Over-Voltage
SAK312	827	'44056062_/44057452'		0.4	9	3.1	0.81	10	9.13	0.74 No	0.4 Primary Over-Voltage
SAK312	828	'3537563_/44056064'		0.4	8.8	3	0.81	10	9.03	0.74 No	0.4 Primary Over-Voltage
SAK312	829	'44056049_/3537561'		0.3	8.4	2.9	0.81	10	8.8	0.74 No	0.3 Primary Over-Voltage
SAK312	830	'715441189_/715441207'		0.3	8.4	2.9	0.81	10	8.79	0.74 No	0.3 Primary Over-Voltage
SAK312	831	'715441169_/715441187'		0.3	8.4	2.9	0.81	10	8.78	0.74 No	0.3 Primary Over-Voltage
SAK312	832	'715441149_/715441167'		0.3	8.4	2.9	0.81	10	8.78	0.74 No	0.3 Primary Over-Voltage
SAK312	833	'726928475_/726928479'		0.3	8.4	2.9	0.81	10	8.77	0.74 No	0.3 Primary Over-Voltage
SAK312	834	'724414878_/715441147_2'		0.3	8.4	2.9	0.81	10	8.77	0.74 No	0.3 Primary Over-Voltage
SAK312	835	'715441133_/715441147_1'		0.3	8.4	2.9	0.81	10	8.77	0.74 No	0.3 Primary Over-Voltage
SAK312	836	'3537564_/715441131'		0.3	8.4	2.9	0.81	10	8.77	0.74 No	0.3 Primary Over-Voltage
SAK312	837	'44062619_/44062621'		0.3	8.4	2.9	0.81	10	8.6	0.73 No	0.3 Primary Over-Voltage
SAK312	838	'44062605_/44062607'		0.3	8.4	2.9	0.81	10	8.44	0.73 No	0.3 Primary Over-Voltage
SAK312	839	'43334150_/43334152'		0.3	8.4	3	0.81	10	8.28	0.73 No	0.3 Primary Over-Voltage
SAK312	840	'44062848_/44062850'		0.3	8.5	3	0.81	10	8.14	0.73 No	0.3 Primary Over-Voltage
SAK312	841	'44062834_/44062836'		0.3	8.5	3	0.81	10	7.99	0.73 No	0.3 Primary Over-Voltage
SAK312	842	'44062820_/44062822'		0.3	8.5	3	0.81	10	7.85	0.73 No	0.3 Primary Over-Voltage
SAK312	843	'44062806_/44062808'		0.3	8.5	3	0.81	10	7.72	0.73 No	0.3 Primary Over-Voltage
SAK312	844	'43334136_/43334138'		0.3	8.6	3	0.81	10	7.59	0.73 No	0.3 Primary Over-Voltage
SAK312	845	'44062633_/44062635'		0.3	8.6	3	0.81	10	7.46	0.73 No	0.3 Primary Over-Voltage
SAK312	846	'44062647_/44062649'		0.3	8.6	3	0.81	10	7.34	0.73 No	0.3 Primary Over-Voltage
SAK312	847	'44062778_/44062780'		0.3	8.7	3	0.81	10	7.22	0.73 No	0.3 Primary Over-Voltage
SAK312	848	'44062792_/44062794'		0.3	8.7	3	0.81	10	7.11	0.73 No	0.3 Primary Over-Voltage
SAK312	849	'44062764_/44062766'		0.3	8.8	3.1	0.81	10	7	0.73 No	0.3 Primary Over-Voltage
SAK312	850	'43336975_/43336977'		0.3	8.9	3.1	0.81	10	6.89	0.73 No	0.3 Primary Over-Voltage
SAK312	851	'43336988_/43336990'		0.3	9	3.1	0.81	10	6.78	0.73 No	0.3 Primary Over-Voltage
SAK312	852	'44062750_/44062752'		0.3	9.1	3.1	0.81	10	6.68	0.73 No	0.3 Primary Over-Voltage
SAK312	853	'155998293_/155998317_1'		0.4	10	4	0.81	1.4	6.49	0.73 No	0.4 Primary Over-Voltage
SAK312	854	'44062736_/44062738'		0.3	9.3	3.1	0.81	10	6.58	0.73 No	0.3 Primary Over-Voltage
SAK312	855	'476039418_/3987874_2'		10	8.2	10	2.74	0.5	5.92	1.49 No	0.5 Element Fault
SAK312	856	'43337001_/43337003'		0.3	9.4	3.1	0.81	10	6.49	0.73 No	0.3 Primary Over-Voltage
SAK312	857	'3987877_/3987874_1'		10	8.2	10	2.74	0.5	5.87	1.49 No	0.5 Element Fault
SAK312	858	'8555740_/8555738_1'		10	8.2	10	2.74	0.2	5.87	1.49 No	0.2 Element Fault
SAK312	859	'43422986_/3987891'		10	8.2	10	2.74	0.5	5.82	1.49 No	0.5 Element Fault
SAK312	860	'43337014_/43337016'		0.3	9.6	3.1	0.81	10	6.39	0.73 No	0.3 Primary Over-Voltage
SAK312	861	'154674498_/155998317_2'		0.4	10	4	0.81	1.4	6.32	0.73 No	0.4 Primary Over-Voltage
SAK312	862	'473059957_/8555738_2'		10	8.2	10	2.74	0.2	5.8	1.49 No	0.2 Element Fault
SAK312	863	'650925850_/473059982'		10	8.2	10	2.74	0.2	5.8	1.49 No	0.2 Element Fault
SAK312	864	'8555741_/650925854'		10	8.2	10	2.74	0.2	5.78	1.49 No	0.2 Element Fault
SAK312	865	'43422973_/43422988'		10	8.2	10	2.74	0.5	5.76	1.49 No	0.5 Element Fault
SAK312	866	'43337027_/43337029'		0.3	9.9	3.1	0.81	10	6.3	0.73 No	0.3 Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
				Deviation						VSR (MW)	Limiting Threshold
SAK312	867	'3987442_/_3987854'		10	8.2	10	2.74	0.5	5.71	1.49 No	0.5 Element Fault
SAK312	868	'400667138_/_3987511_1'		3.33	2.73	3.33	0.91	0.1	1.9	0.5 No	0.1 Element Fault
SAK312	869	'44062661_/_44062663'		0.3	10	3.1	0.81	10	6.22	0.73 No	0.3 Primary Over-Voltage
SAK312	870	'3987514_/_3987511_2'		3.33	2.73	3.33	0.91	0.1	1.9	0.5 No	0.1 Element Fault
SAK312	871	'155998813_/_7898111_2'		0.13	3.33	1.37	0.27	0.4	2.05	0.24 No	0.13 Primary Over-Voltage
SAK312	872	'7578752_/_8523113_2'		0.13	3.33	1.37	0.27	0.4	2.04	0.24 No	0.13 Primary Over-Voltage
SAK312	873	'44059385_/_44059387'		0.3	10	3.2	0.81	10	6.13	0.73 No	0.3 Primary Over-Voltage
SAK312	874	'446730545_/_3987440'		10	8.2	10	2.74	0.5	5.59	1.49 No	0.5 Element Fault
SAK312	875	'43337040_/_43337042'		0.3	10	3.2	0.81	10	6.05	0.73 No	0.3 Primary Over-Voltage
SAK312	876	'7192850_/_7192864'		0.3	10	3.2	0.81	10	6.04	0.73 No	0.3 Primary Over-Voltage
SAK312	877	'715440771_/_715440441_1'		0.3	10	3.2	0.81	5.6	6.04	0.73 No	0.3 Primary Over-Voltage
SAK312	878	'7196930_/_715440441_2'		0.3	10	3.2	0.81	5.6	6.04	0.73 No	0.3 Primary Over-Voltage
SAK312	879	'7143325_/_7192847'		0.3	10	3.2	0.81	10	6.04	0.73 No	0.3 Primary Over-Voltage
SAK312	880	'715441440_/_715440479_1'		0.3	10	3.2	0	5.6	6.04	2.03 No	0 Thermal Discharging
SAK312	881	'116244911_/_7143323'		0.3	10	3.2	0.81	10	6.04	0.73 No	0.3 Primary Over-Voltage
SAK312	882	'715440482_/_715440479_2'		0.3	10	3.2	0	5.6	6.04	2.03 No	0 Thermal Discharging
SAK312	883	'715440361_/_44061552_1'		0.1	3.33	1.07	0.27	1.2	2.01	0.24 No	0.1 Primary Over-Voltage
SAK312	884	'715440500_/_715440497'		0.3	10	3.2	0	5.6	6.04	2.03 No	0 Thermal Discharging
SAK312	885	'715440524_/_715440521'		0.3	10	3.2	0	5.6	6.04	2.03 No	0 Thermal Discharging
SAK312	886	'44069382_/_44069384'		0.3	10	3.2	0.81	10	6.03	0.73 No	0.3 Primary Over-Voltage
SAK312	887	'715440548_/_715440545'		0.3	10	3.2	0	5.6	6.03	2.03 No	0 Thermal Discharging
SAK312	888	'7194074_/_715441518'		0.1	3.33	1.07	0.27	1.87	2.01	0.24 No	0.1 Primary Over-Voltage
SAK312	889	'715440566_/_715440563'		0.3	10	3.2	0	5.6	6.03	2.03 No	0 Thermal Discharging
SAK312	890	'50723005_/_7190512'		0.3	10	3.2	0.81	10	6.03	0.73 No	0.3 Primary Over-Voltage
SAK312	891	'715440590_/_715440587'		0.3	10	3.2	0	5.6	6.03	2.03 No	0 Thermal Discharging
SAK312	892	'44074288_/_43334581'		0.3	10	3.2	0.81	10	6.03	0.73 No	0.3 Primary Over-Voltage
SAK312	893	'63838628_/_7191055_1'		0.1	3.33	1.07	0.27	1.2	2.01	0.24 No	0.1 Primary Over-Voltage
SAK312	894	'715440608_/_715440605'		0.3	10	3.2	0	5.6	6.03	2.03 No	0 Thermal Discharging
SAK312	895	'715440740_/_715440702_1'		0.3	10	3.2	0	1.1	6.03	2.03 No	0 Thermal Discharging
SAK312	896	'51902143_/_44074290'		0.3	10	3.2	0.81	10	6.03	0.73 No	0.3 Primary Over-Voltage
SAK312	897	'43334751_/_51902140'		0.3	10	3.2	0.81	10	6.02	0.73 No	0.3 Primary Over-Voltage
SAK312	898	'156691747_/_156691751'		0.1	3.33	1.07	0.27	3.33	2.01	0.24 No	0.1 Primary Over-Voltage
SAK312	899	'44061550_/_44061552_2'		0.1	3.33	1.07	0.27	1.2	2.01	0.24 No	0.1 Primary Over-Voltage
SAK312	900	'7190999_/_7190996_2'		0.1	3.33	1.07	0.27	3.33	2.01	0.24 No	0.1 Primary Over-Voltage
SAK312	901	'43334771_/_43334755'		0.3	10	3.2	0.81	10	6.02	0.73 No	0.3 Primary Over-Voltage
SAK312	902	'38884951_/_7190996_1'		0.1	3.33	1.07	0.27	1.2	2.01	0.24 No	0.1 Primary Over-Voltage
SAK312	903	'625292751_/_43334775'		0.3	10	3.2	0.81	10	6.02	0.73 No	0.3 Primary Over-Voltage
SAK312	904	'7190953_/_625292861'		0.3	10	3.2	0.81	10	6.02	0.73 No	0.3 Primary Over-Voltage
SAK312	905	'625292773_/_625292661_1'		0.3	10	3.2	0.81	3.6	6.02	0.73 No	0.3 Primary Over-Voltage
SAK312	906	'715440686_/_715440702_2'		0.3	10	3.2	0	1.1	6.02	2.03 No	0 Thermal Discharging
SAK312	907	'7190933_/_7190930_2'		0.3	10	3.2	0.81	10	6.02	0.73 No	0.3 Primary Over-Voltage
SAK312	908	'625292749_/_625292661_2'		0.3	10	3.2	0.81	3.6	6.02	0.73 No	0.3 Primary Over-Voltage
SAK312	909	'51902250_/_625292615'		0.3	10	3.2	0.81	10	6.02	0.73 No	0.3 Primary Over-Voltage
SAK312	910	'51902297_/_51902274'		0.3	10	3.2	0.81	10	6.01	0.73 No	0.3 Primary Over-Voltage
SAK312	911	'3541721_/_7190930_1'		0.3	10	3.2	0.81	10	6.01	0.73 No	0.3 Primary Over-Voltage
SAK312	912	'51902323_/_51902300'		0.3	10	3.2	0.81	10	6.01	0.73 No	0.3 Primary Over-Voltage
SAK312	913	'51902349_/_51902326'		0.3	10	3.2	0.81	10	6.01	0.73 No	0.3 Primary Over-Voltage
SAK312	914	'7164748_/_7191055_2'		0.1	3.33	1.07	0.27	1.2	2	0.24 No	0.1 Primary Over-Voltage
SAK312	915	'51902375_/_51902352'		0.3	10	3.2	0.81	10	6	0.73 No	0.3 Primary Over-Voltage
SAK312	916	'720876675_/_3541719'		0.3	10	3.2	0.81	10	6	0.73 No	0.3 Primary Over-Voltage
SAK312	917	'44066255_/_720876681'		0.3	10	3.2	0.81	10	6	0.73 No	0.3 Primary Over-Voltage
SAK312	918	'410772556_/_9386898_1'		0.3	10	3.2	0.81	3.6	6	0.73 No	0.3 Primary Over-Voltage
SAK312	919	'720876712_/_720876736'		0.3	10	3.2	0.81	10	6	0.73 No	0.3 Primary Over-Voltage
SAK312	920	'720876624_/_720876645'		0.3	10	3.2	0.81	10	6	0.73 No	0.3 Primary Over-Voltage
SAK312	921	'630068939_/_446730547'		10	8.2	10	2.74	0.5	5.55	1.49 No	0.5 Element Fault
SAK312	922	'720876606_/_720876621_3'		0.3	10	3.2	0.81	10	5.99	0.73 No	0.3 Primary Over-Voltage
SAK312	923	'720876863_/_720876603_3'		0.3	10	3.2	0.81	10	5.99	0.73 No	0.3 Primary Over-Voltage
SAK312	924	'9386901_/_9386898_2'		0.3	10	3.2	0.81	3.6	5.99	0.73 No	0.3 Primary Over-Voltage
SAK312	925	'410772367_/_43334790'		0.3	10	3.2	0.81	10	5.99	0.73 No	0.3 Primary Over-Voltage
SAK312	926	'3541738_/_7814003_1'		0.3	10	3.2	0.81	5.6	5.99	0.73 No	0.3 Primary Over-Voltage
SAK312	927	'758098878_/_720876603_2'		0.3	10	3.2	0.81	3.6	5.98	0.73 No	0.3 Primary Over-Voltage
SAK312	928	'7194073_/_7194071'		0.1	3.33	1.07	0.27	1.2	1.99	0.24 No	0.1 Primary Over-Voltage
SAK312	929	'410772418_/_7814003_2'		0.3	10	3.2	0.81	5.6	5.98	0.73 No	0.3 Primary Over-Voltage
SAK312	930	'312337243_/_312337288'		0.3	10	3.2	0.81	5.6	5.98	0.73 No	0.3 Primary Over-Voltage
SAK312	931	'410772451_/_312337262'		0.3	10	3.2	0.81	5.6	5.98	0.73 No	0.3 Primary Over-Voltage
SAK312	932	'43334568_/_7190529'		0.1	3.33	1.07	0.27	1.2	1.99	0.24 No	0.1 Primary Over-Voltage
SAK312	933	'44068416_/_44068418'		0.1	3.33	1.07	0.27	1.2	1.99	0.24 No	0.1 Primary Over-Voltage
SAK312	934	'7264168_/_8523177'		0.3	10	3.2	0.81	5.6	5.95	0.73 No	0.3 Primary Over-Voltage
SAK312	935	'43334378_/_43334570'		0.1	3.33	1.07	0.27	1.2	1.98	0.24 No	0.1 Primary Over-Voltage
SAK312	936	'410772253_/_7264165'		0.3	10	3.2	0.81	5.6	5.94	0.73 No	0.3 Primary Over-Voltage
SAK312	937	'7164733_/_7164745'		0.1	3.33	1.07	0.27	1.2	1.98	0.24 No	0.1 Primary Over-Voltage
SAK312	938	'8523079_/_9444798'		0.3	10	3.2	0.81	5.6	5.94	0.73 No	0.3 Primary Over-Voltage
SAK312	939	'435834554_/_7898075_1'		0.3	10	3.2	0.81	5.6	5.94	0.73 No	0.3 Primary Over-Voltage
SAK312	940	'7190532_/_43334380'		0.1	3.33	1.07	0.27	1.2	1.97	0.24 No	0.1 Primary Over-Voltage
SAK312	941	'44068426_/_7164731'		0.1	3.33	1.07	0.27	1.2	1.97	0.24 No	0.1 Primary Over-Voltage
SAK312	942	'157357321_/_44068428'		0.1	3.33	1.07	0.27	1.2	1.97	0.24 No	0.1 Primary Over-Voltage
SAK312	943	'3987459_/_630068943'		10	7.2	10	2.74	0.5	5.47	1.49 No	0.5 Element Fault
SAK312	944	'86095295_/_86095292'		3.33	2.4	3.33	0.91	0.17	1.81	0.5 No	0.17 Element Fault
SAK312	945	'86095310_/_86095307'		3.33	2.4	3.33	0.91	0.17	1.8	0.5 No	0.17 Element Fault
SAK312	946	'3987671_/_3987668'		3.33	2.4	3.33	0.91	0.17	1.79	0.5 No	0.17 Element Fault
SAK312	947	'3994361_/_3994387'		3.33	2.4	3.33	0.91	0.17	1.75	0.5 No	0.17 Element Fault
SAK312	948	'3994374_/_3994371'		3.33	2.4	3.33	0.91	0.17	1.73	0.5 No	0.17 Element Fault
SAK312	949	'8523116_/_8523113_1'		0.13	3.33	1.4	0.27	0.1	1.84	0.24 No	0.1 Element Fault
SAK312	950	'3987658_/_3994358'		3.33	2.4	3.33	0.91	0.17	1.72	0.5 No	0.17 Element Fault
SAK312	951	'3987657_/_43421950'		3.33	2.4	3.33	0.91	0.17	1.71	0.5 No	0.17 Element Fault
SAK312	952	'53467506_/_3994439'		3.33	2.4	3.33	0.91	0.17	1.71	0.5 No	0.17 Element Fault
SAK312	953	'3538149_/_3538146'		0.4	7.4	4.2	0.81	1.4	5.3	0.73 No	0.4 Primary Over-Voltage
SAK312	954	'8523100_/_8523097_2'		0.13	2.33	1.43	0.27	0.47	1.74	0.24 No	0.13 Primary Over-Voltage
SAK312	955	'8523099_/_8523097_1'		0.13	2.1	1.43	0.27	0.1	1.68	0.24 No	0.1 Element Fault
SAK312	956	'7578767_/_7898111_1'		0.13	2.07	1.5	0.27	0.1	1.65	0.24 No	0.1 Element Fault
SAK312	957	'3537984_/_3538159'		0.4	5.2	4.5	0.81	1.4	4.67	0.73 No	0.4 Primary Over-Voltage
SAK312	958	'65888701_/_3543442_1'		0.17	3.33	3.33	0.27	0.2	1.48	0.24 No	0.17 Primary Over-Voltage
SAK312	959	'65888658_/_3543442_2'		0.17	3.33	3.33	0.27	0.2	1.44	0.24 No	0.17 Primary Over-Voltage
SAK312	960	'3537985_/_3537982'		0.4	4.5	4.7	0.81	1.3	4.37	0.73 No	0.4 Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SAK312	961	'7578768_/_7578765'		0.13	1.57	1.63	0.27	0.1	1.45	0.24 No	0.1 Element Fault
SAK312	962	'239405088_/_622933297_1'		0.5	8.2	10	0.81	0.4	3.92	0.73 No	0.4 Element Fault
SAK312	963	'239405074_/_622933297_2'		0.5	8.2	10	0.81	0.4	3.82	0.73 No	0.4 Element Fault
SAK312	964	'43334072_/_3538055'		0.4	3.9	4.9	0.81	0.9	4.07	0.73 No	0.4 Primary Over-Voltage
SAK312	965	'3538453_/_65888655'		0.17	3.33	3.33	0.27	0.2	1.31	0.24 No	0.17 Primary Over-Voltage
SAK312	966	'3537865_/_3538002'		0.4	3.8	5.1	0.81	1.3	3.97	0.73 No	0.4 Primary Over-Voltage
SAK312	967	'7191025_/_7191038_1'		0.1	3.33	3.33	0.27	0.2	1.21	0.24 No	0.1 Primary Over-Voltage
SAK312	968	'3536940_/_7196857'		0.4	8.2	10	0.81	0.4	3.59	0.73 No	0.4 Primary Over-Voltage
SAK312	969	'3537864_/_3537862'		0.2	2.33	4.2	0.54	0.87	2.49	0.49 No	0.2 Primary Over-Voltage
SAK312	970	'3543639_/_155041486'		0.4	8.2	10	0.81	0.4	3.53	0.73 No	0.4 Primary Over-Voltage
SAK312	971	'3538077_/_43334074'		0.3	3.3	5.9	0.81	0.9	3.68	0.73 No	0.3 Primary Over-Voltage
SAK312	972	'43336962_/_3538189'		0.3	3.3	10	0.81	1.2	3.64	0.73 No	0.3 Primary Over-Voltage
SAK312	973	'43334085_/_3538075'		0.3	3	10	0.81	0.9	3.45	0.73 No	0.3 Primary Over-Voltage
SAK312	974	'3538454_/_3538451'		0.13	3.33	3.33	0.27	0.2	1.11	0.24 No	0.13 Primary Over-Voltage
SAK312	975	'3536674_/_7191038_2'		0.1	3.33	3.33	0.27	0.2	1.07	0.24 No	0.1 Primary Over-Voltage
SAK312	976	'44058921_/_3538259'		0.3	2.9	10	0.81	0.9	3.38	0.73 No	0.3 Primary Over-Voltage
SAK312	977	'3536941_/_3536938'		0.3	8.2	10	0.81	0.4	3.21	0.73 No	0.3 Primary Over-Voltage
SAK312	978	'43333424_/_3538490'		0.13	1.63	3.33	0.27	0.2	1.06	0.24 No	0.13 Primary Over-Voltage
SAK312	979	'43334020_/_3536975'		0.3	8.2	10	0.81	0.4	3.1	0.73 No	0.3 Primary Over-Voltage
SAK312	980	'3538479_/_3538477'		0.1	1.43	3.33	0.27	0.2	1.04	0.24 No	0.1 Primary Over-Voltage
SAK312	981	'154929539_/_154881564_2'		0.2	1.73	2.4	0.27	0.1	0.94	0.24 No	0.1 Element Fault
SAK312	982	'3538262_/_44058923'		0.3	2.5	10	0.81	0.9	3.08	0.73 No	0.3 Primary Over-Voltage
SAK312	983	'43334242_/_43334087'		0.2	2.5	10	0.81	0.9	3.08	0.73 No	0.2 Primary Over-Voltage
SAK312	984	'3538467_/_3538464'		0.1	1.27	3.33	0.27	0.2	0.99	0.24 No	0.1 Primary Over-Voltage
SAK312	985	'3536961_/_3536958'		0.2	7.2	10	0.81	0.4	2.9	0.73 No	0.2 Primary Over-Voltage
SAK312	986	'43334033_/_3537012'		0.2	7.2	10	0.81	0.4	2.84	0.73 No	0.2 Primary Over-Voltage
SAK312	987	'3537015_/_8213895_1'		0.2	7.2	10	0.81	0.4	2.83	0.73 No	0.2 Primary Over-Voltage
SAK312	988	'7190969_/_7190983'		0.1	2.73	3.33	0.27	0.2	0.94	0.24 No	0.1 Primary Over-Voltage
SAK312	989	'154879873_/_154881564_1'		0.13	1.4	2.4	0.27	0.1	0.88	0.24 No	0.1 Element Fault
SAK312	990	'3538279_/_3538276'		0.2	2.3	10	0.81	0.9	2.86	0.73 No	0.2 Primary Over-Voltage
SAK312	991	'43334389_/_3536672'		0.1	2.67	3.33	0.27	0.2	0.91	0.24 No	0.1 Primary Over-Voltage
SAK312	992	'3539444_/_43334244'		0.2	2.2	10	0.81	0.9	2.86	0.73 No	0.2 Primary Over-Voltage
SAK312	993	'3536691_/_43334391'		0.07	2.47	3.33	0.27	0.2	0.87	0.24 No	0.07 Primary Over-Voltage
SAK312	994	'43336929_/_43333426'		0.1	0.97	3.33	0.27	0.2	0.89	0.24 No	0.1 Primary Over-Voltage
SAK312	995	'156573535_/_3538293'		0.2	2.1	10	0.81	0.9	2.71	0.73 No	0.2 Primary Over-Voltage
SAK312	996	'3539443_/_3539441'		0.2	2	10	0.81	0.9	2.66	0.73 No	0.2 Primary Over-Voltage
SAK312	997	'156573513_/_156573533'		0.2	2	10	0.81	0.9	2.62	0.73 No	0.2 Primary Over-Voltage
SAK312	998	'43334412_/_7190967'		0.07	2.47	3.33	0.27	0.2	0.83	0.24 No	0.07 Primary Over-Voltage
SAK312	999	'154879910_/_154879912'		0.1	1.4	2.4	0.27	0.1	0.79	0.24 No	0.1 Primary Over-Voltage
SAK312	1000	'3538229_/_3538226'		0.07	0.67	3.33	0.27	0.3	0.85	0.24 No	0.07 Primary Over-Voltage
SAK312	1001	'156573493_/_156573510'		0.2	1.9	10	0.81	0.9	2.52	0.73 No	0.2 Primary Over-Voltage
SAK312	1002	'43336940_/_43336931'		0.07	0.8	3.33	0.27	0.2	0.8	0.24 No	0.07 Primary Over-Voltage
SAK312	1003	'3541042_/_156573491'		0.2	1.9	10	0.81	0.9	2.44	0.73 No	0.2 Primary Over-Voltage
SAK312	1004	'3538984_/_3539458'		0.2	1.8	10	0.81	0.9	2.44	0.73 No	0.2 Primary Over-Voltage
SAK312	1005	'3537811_/_3538378'		0.07	0.6	3.33	0.27	0.3	0.79	0.24 No	0.07 Primary Over-Voltage
SAK312	1006	'154879929_/_154879931'		0.07	1.4	2.4	0.27	0.1	0.72	0.24 No	0.07 Primary Over-Voltage
SAK312	1007	'3538410_/_3541076'		0.07	0.57	3.33	0.27	0.3	0.77	0.24 No	0.07 Primary Over-Voltage
SAK312	1008	'3538550_/_43336942'		0.07	0.73	2.73	0.27	0.2	0.75	0.24 No	0.07 Primary Over-Voltage
SAK312	1009	'3537798_/_3537809'		0.07	0.57	3.33	0.27	0.3	0.77	0.24 No	0.07 Primary Over-Voltage
SAK312	1010	'43333531_/_3541136'		0.2	1.7	10	0.81	0.9	2.3	0.73 No	0.2 Primary Over-Voltage
SAK312	1011	'3536607_/_43334414'		0.07	0.93	2.73	0.27	0.2	0.74	0.24 No	0.07 Primary Over-Voltage
SAK312	1012	'43334098_/_3538995'		0.1	1.7	10	0.81	0.9	2.29	0.73 No	0.1 Primary Over-Voltage
SAK312	1013	'3538411_/_3538408'		0.07	0.57	3.33	0.27	0.3	0.76	0.24 No	0.07 Primary Over-Voltage
SAK312	1014	'7264207_/_7264205_1'		0.07	0.57	3.33	0.27	0.1	0.75	0.24 No	0.07 Primary Over-Voltage
SAK312	1015	'3536994_/_8213895_2'		0.1	2.8	8.2	0.81	0.4	2.19	0.73 No	0.1 Primary Over-Voltage
SAK312	1016	'50899171_/_3538982'		0.07	0.53	3.33	0.27	0.3	0.75	0.24 No	0.07 Primary Over-Voltage
SAK312	1017	'43334051_/_43334048'		0.1	2.8	8.2	0.81	0.3	2.17	0.73 No	0.1 Primary Over-Voltage
SAK312	1018	'3540839_/_43333533'		0.2	1.7	10	0.81	0.9	2.24	0.73 No	0.2 Primary Over-Voltage
SAK312	1019	'7578783_/_7578781_1'		0.07	0.53	3.33	0.27	0.1	0.75	0.24 No	0.07 Primary Over-Voltage
SAK312	1020	'7264208_/_7264205_2'		0.07	0.53	3.33	0.27	0.1	0.74	0.24 No	0.07 Primary Over-Voltage
SAK312	1021	'3537799_/_3537796'		0.07	0.53	3.33	0.27	0.3	0.73	0.24 No	0.07 Primary Over-Voltage
SAK312	1022	'3541195_/_3541192'		0.07	0.53	3.33	0.27	0.1	0.73	0.24 No	0.07 Primary Over-Voltage
SAK312	1023	'7578784_/_7578781_2'		0.07	0.53	3.33	0.27	0.1	0.72	0.24 No	0.07 Primary Over-Voltage
SAK312	1024	'3536649_/_3536646'		0.07	0.83	2.73	0.27	0.2	0.7	0.24 No	0.07 Primary Over-Voltage
SAK312	1025	'3538424_/_3538421'		0.07	0.53	3.33	0.27	0.3	0.72	0.24 No	0.07 Primary Over-Voltage
SAK312	1026	'3540822_/_3540836'		0.2	1.6	10	0.81	0.9	2.16	0.73 No	0.2 Primary Over-Voltage
SAK312	1027	'617060628_/_3541156'		0.2	1.6	10	0.81	0.9	2.15	0.73 No	0.2 Primary Over-Voltage
SAK312	1028	'3539017_/_43334100'		0.1	1.5	10	0.81	0.9	2.14	0.73 No	0.1 Primary Over-Voltage
SAK312	1029	'50741341_/_7292207_2'		3.33	0.73	2.73	0.91	0.1	0.61	0.5 No	0.1 Element Fault
SAK312	1030	'3539362_/_3539360'		0.07	0.53	3.33	0.27	0.3	0.7	0.24 No	0.07 Primary Over-Voltage
SAK312	1031	'7292210_/_7292207_1'		3.33	0.73	2.73	0.91	0.1	0.61	0.5 No	0.1 Element Fault
SAK312	1032	'43333435_/_43333437'		0.07	0.63	2.73	0.27	0.2	0.69	0.24 No	0.07 Primary Over-Voltage
SAK312	1033	'3538564_/_3538548'		0.07	0.63	2.73	0.27	0.2	0.69	0.24 No	0.07 Primary Over-Voltage
SAK312	1034	'3538762_/_3538759'		0.07	0.53	3.33	0.27	0.3	0.7	0.24 No	0.07 Primary Over-Voltage
SAK312	1035	'43333518_/_3540819'		0.2	1.5	10	0.81	0.9	2.1	0.73 No	0.2 Primary Over-Voltage
SAK312	1036	'3536662_/_3536659'		0.07	0.77	2.73	0.27	0.2	0.68	0.24 No	0.07 Primary Over-Voltage
SAK312	1037	'154879948_/_154879950'		0.07	1.37	2.07	0.27	0.1	0.65	0.24 No	0.07 Primary Over-Voltage
SAK312	1038	'3538748_/_3538746'		0.07	0.53	3.33	0.27	0.3	0.69	0.24 No	0.07 Primary Over-Voltage
SAK312	1039	'617060713_/_43336894'		0.2	1.5	10	0.81	0.9	2.07	0.73 No	0.2 Primary Over-Voltage
SAK312	1040	'3538736_/_3538733_2'		0.07	0.5	3.33	0.27	0.3	0.69	0.24 No	0.07 Primary Over-Voltage
SAK312	1041	'43334445_/_3536617'		0.07	0.73	2.73	0.27	0.2	0.67	0.24 No	0.07 Primary Over-Voltage
SAK312	1042	'43333505_/_3540988'		0.2	1.5	10	0.81	0.9	2.03	0.73 No	0.2 Primary Over-Voltage
SAK312	1043	'3538817_/_3538814'		0.07	0.5	3.33	0.27	0.3	0.67	0.24 No	0.07 Primary Over-Voltage
SAK312	1044	'3539085_/_3539082'		0.03	0.47	3.33	0.27	0.3	0.67	0.24 No	0.03 Primary Over-Voltage
SAK312	1045	'3539018_/_3539015'		0.1	1.4	10	0.81	0.9	2.01	0.73 No	0.1 Primary Over-Voltage
SAK312	1046	'43336918_/_3539373'		0.07	0.5	3.33	0.27	0.3	0.66	0.24 No	0.07 Primary Over-Voltage
SAK312	1047	'617060721_/_3539245'		0.1	1.4	10	0.81	0.9	1.99	0.73 No	0.1 Primary Over-Voltage
SAK312	1048	'3538723_/_3538733_1'		0.07	0.45	3.33	0.27	0.1	0.66	0.24 No	0.07 Primary Over-Voltage
SAK312	1049	'43334456_/_3536633'		0.07	0.7	2.4	0.27	0.2	0.64	0.24 No	0.07 Primary Over-Voltage
SAK312	1050	'43333492_/_3540971'		0.1	1.4	10	0.81	0.9	1.97	0.73 No	0.1 Primary Over-Voltage
SAK312	1051	'3538775_/_3538772'		0.07	0.47	3.33	0.27	0.3	0.65	0.24 No	0.07 Primary Over-Voltage
SAK312	1052	'43333446_/_43333448'		0.07	0.6	2.4	0.27	0.2	0.64	0.24 No	0.07 Primary Over-Voltage
SAK312	1053	'73252188_/_3541208'		0.1	1.4	10	0.81	0.9	1.95	0.73 No	0.1 Primary Over-Voltage
SAK312	1054	'3538830_/_3538827'		0.07	0.47	3.33	0.27	0.3	0.65	0.24 No	0.07 Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SAK312	1055	'3538577_/_3538574'		0.07	0.57	2.4	0.27	0.2	0.63	0.24 No	0.07 Primary Over-Voltage
SAK312	1056	'71023433_/_71023412_1'		0.07	0.57	2.4	0.27	0.1	0.63	0.24 No	0.07 Primary Over-Voltage
SAK312	1057	'3538710_/_3538720'		0.07	0.47	2.73	0.27	0.1	0.64	0.24 No	0.07 Primary Over-Voltage
SAK312	1058	'3540805_/_73252191'		0.1	1.4	10	0.81	0.9	1.91	0.73 No	0.1 Primary Over-Voltage
SAK312	1059	'617060801_/_3539262'		0.03	0.47	3.33	0.27	0.3	0.63	0.24 No	0.03 Primary Over-Voltage
SAK312	1060	'43337435_/_154879898'		0.03	1.17	2.07	0.27	0.1	0.59	0.24 No	0.03 Primary Over-Voltage
SAK312	1061	'3538788_/_3538785'		0.03	0.47	2.73	0.27	0.3	0.62	0.24 No	0.03 Primary Over-Voltage
SAK312	1062	'3540804_/_3540802'		0.1	1.3	8.2	0.81	0.9	1.85	0.73 No	0.1 Primary Over-Voltage
SAK312	1063	'43334124_/_43334126'		0.03	0.43	3.33	0.27	0.3	0.62	0.24 No	0.03 Primary Over-Voltage
SAK312	1064	'3539294_/_43336920'		0.07	0.43	2.73	0.27	0.3	0.61	0.24 No	0.07 Primary Over-Voltage
SAK312	1065	'43333555_/_3538853'		0.03	0.43	2.73	0.27	0.3	0.61	0.24 No	0.03 Primary Over-Voltage
SAK312	1066	'3539037_/_3539035'		0.1	1.3	10	0.81	0.9	1.83	0.73 No	0.1 Primary Over-Voltage
SAK312	1067	'617060819_/_3539347'		0.03	0.43	2.73	0.27	0.3	0.61	0.24 No	0.03 Primary Over-Voltage
SAK312	1068	'3538801_/_3538798'		0.03	0.43	2.73	0.27	0.3	0.6	0.24 No	0.03 Primary Over-Voltage
SAK312	1069	'71023405_/_71023412_2'		0.07	0.53	2.4	0.27	0.1	0.59	0.24 No	0.07 Primary Over-Voltage
SAK312	1070	'3539295_/_3539292'		0.03	0.43	2.73	0.27	0.3	0.6	0.24 No	0.03 Primary Over-Voltage
SAK312	1071	'3538958_/_3539157'		0.07	0.53	2.4	0.27	0.2	0.59	0.24 No	0.07 Primary Over-Voltage
SAK312	1072	'473418016_/_467594710_1'		0.07	0.53	2.4	0.27	0.1	0.59	0.24 No	0.07 Primary Over-Voltage
SAK312	1073	'3538509_/_3538532'		0.07	0.53	2.4	0.27	0.2	0.59	0.24 No	0.07 Primary Over-Voltage
SAK312	1074	'43333479_/_3543569'		0.1	1.3	8.2	0.81	0.9	1.79	0.73 No	0.1 Primary Over-Voltage
SAK312	1075	'43336951_/_3539428'		0.03	0.43	2.73	0.27	0.3	0.6	0.24 No	0.03 Primary Over-Voltage
SAK312	1076	'3538697_/_3538707'		0.03	0.43	2.73	0.27	0.1	0.59	0.24 No	0.03 Primary Over-Voltage
SAK312	1077	'3539308_/_3539305'		0.03	0.43	2.73	0.27	0.3	0.59	0.24 No	0.03 Primary Over-Voltage
SAK312	1078	'467594713_/_467594710_2'		0.07	0.5	2.4	0.27	0.1	0.58	0.24 No	0.07 Primary Over-Voltage
SAK312	1079	'3538508_/_3538506'		0.07	0.5	2.4	0.27	0.2	0.57	0.24 No	0.07 Primary Over-Voltage
SAK312	1080	'3543622_/_3543620'		0.1	1.2	8.2	0.81	0.9	1.73	0.73 No	0.1 Primary Over-Voltage
SAK312	1081	'3539321_/_3539318'		0.03	0.4	2.73	0.27	0.3	0.58	0.24 No	0.03 Primary Over-Voltage
SAK312	1082	'3524019_/_3524017'		0.03	1.1	2.07	0.27	0.1	0.55	0.24 No	0.03 Primary Over-Voltage
SAK312	1083	'3538522_/_3538519'		0.03	0.5	2.4	0.27	0.2	0.56	0.24 No	0.03 Primary Over-Voltage
SAK312	1084	'3539110_/_3539108'		0.03	0.4	2.73	0.27	0.3	0.58	0.24 No	0.03 Primary Over-Voltage
SAK312	1085	'3539402_/_3539399'		0.03	0.4	2.73	0.27	0.3	0.57	0.24 No	0.03 Primary Over-Voltage
SAK312	1086	'43334468_/_43334458'		0.03	0.53	2.4	0.27	0.2	0.56	0.24 No	0.03 Primary Over-Voltage
SAK312	1087	'9444873_/_9444886_1'		0.03	0.4	2.73	0.27	0.1	0.57	0.24 No	0.03 Primary Over-Voltage
SAK312	1088	'3543659_/_3543657'		0.1	1.2	8.2	0.81	0.9	1.69	0.73 No	0.1 Primary Over-Voltage
SAK312	1089	'3538684_/_3538694'		0.03	0.4	2.4	0.27	0.1	0.56	0.24 No	0.03 Primary Over-Voltage
SAK312	1090	'3539189_/_43334061'		0.1	1.1	8.2	0.81	0.9	1.68	0.73 No	0.1 Primary Over-Voltage
SAK312	1091	'3538959_/_3538956'		0.03	0.5	2.07	0.27	0.2	0.55	0.24 No	0.03 Primary Over-Voltage
SAK312	1092	'3539337_/_3539334'		0.03	0.4	2.73	0.27	0.3	0.55	0.24 No	0.03 Primary Over-Voltage
SAK312	1093	'3537756_/_3537753'		0.03	1.13	1.73	0.27	0.1	0.52	0.24 No	0.03 Primary Over-Voltage
SAK312	1094	'50404397_/_3539052'		0.03	0.37	2.73	0.27	0.3	0.54	0.24 No	0.03 Primary Over-Voltage
SAK312	1095	'124950099_/_3539415'		0.03	0.4	2.4	0.27	0.3	0.54	0.24 No	0.03 Primary Over-Voltage
SAK312	1096	'3539418_/_9444902_1'		0.03	0.4	2.4	0.27	0.1	0.54	0.24 No	0.03 Primary Over-Voltage
SAK312	1097	'3537743_/_3537740'		0.03	1.07	1.73	0.27	0.1	0.51	0.24 No	0.03 Primary Over-Voltage
SAK312	1098	'521394360_/_9444902_2'		0.03	0.37	2.4	0.27	0.1	0.53	0.24 No	0.03 Primary Over-Voltage
SAK312	1099	'3543694_/_3543691'		0.03	0.37	2.4	0.27	0.3	0.53	0.24 No	0.03 Primary Over-Voltage
SAK312	1100	'43334009_/_3538969'		0.03	0.47	2.07	0.27	0.2	0.52	0.24 No	0.03 Primary Over-Voltage
SAK312	1101	'7264239_/_9444886_2'		0.03	0.37	2.73	0.27	0.1	0.53	0.24 No	0.03 Primary Over-Voltage
SAK312	1102	'3538668_/_3538681'		0.03	0.4	2.4	0.27	0.1	0.52	0.24 No	0.03 Primary Over-Voltage
SAK312	1103	'521394387_/_521394416'		0.03	0.37	2.4	0.27	0.1	0.52	0.24 No	0.03 Primary Over-Voltage
SAK312	1104	'154740690_/_3537766'		0.03	1.03	1.73	0.27	0.1	0.49	0.24 No	0.03 Primary Over-Voltage
SAK312	1105	'3536707_/_3536704'		0.03	0.47	2.07	0.27	0.2	0.5	0.24 No	0.03 Primary Over-Voltage
SAK312	1106	'9444905_/_521394391'		0.03	0.37	2.4	0.27	0.1	0.51	0.24 No	0.03 Primary Over-Voltage
SAK312	1107	'3538881_/_43334011'		0.03	0.43	2.07	0.27	0.2	0.5	0.24 No	0.03 Primary Over-Voltage
SAK312	1108	'7172326_/_7172336_1'		0.03	0.43	2.07	0.27	0.1	0.49	0.24 No	0.03 Primary Over-Voltage
SAK312	1109	'44077652_/_3543506'		0.03	0.67	1.73	0.27	0.1	0.48	0.24 No	0.03 Primary Over-Voltage
SAK312	1110	'3538655_/_3538665'		0.03	0.37	2.4	0.27	0.1	0.49	0.24 No	0.03 Primary Over-Voltage
SAK312	1111	'3538913_/_7172336_2'		0.03	0.4	2.07	0.27	0.1	0.48	0.24 No	0.03 Primary Over-Voltage
SAK312	1112	'3538882_/_3538879'		0.03	0.4	2.07	0.27	0.2	0.47	0.24 No	0.03 Primary Over-Voltage
SAK312	1113	'464939642_/_468931761_1'		0.03	0.4	2.07	0.27	0.1	0.47	0.24 No	0.03 Primary Over-Voltage
SAK312	1114	'3536720_/_3536717'		0.03	0.4	2.07	0.27	0.2	0.47	0.24 No	0.03 Primary Over-Voltage
SAK312	1115	'3538914_/_3538911'		0.03	0.4	2.07	0.27	0.1	0.47	0.24 No	0.03 Primary Over-Voltage
SAK312	1116	'477879324_/_468931761_2'		0.03	0.4	2.07	0.27	0.1	0.46	0.24 No	0.03 Primary Over-Voltage
SAK312	1117	'7264224_/_7264237'		0.03	0.33	2.4	0.27	0.1	0.47	0.24 No	0.03 Primary Over-Voltage
SAK312	1118	'383472426_/_44077654'		0.03	0.57	1.73	0.27	0.1	0.45	0.24 No	0.03 Primary Over-Voltage
SAK312	1119	'464939667_/_470159240_1'		0.03	0.4	2.07	0.27	0.1	0.46	0.24 No	0.03 Primary Over-Voltage
SAK312	1120	'3538930_/_3538927'		0.03	0.4	2.07	0.27	0.1	0.46	0.24 No	0.03 Primary Over-Voltage
SAK312	1121	'3538642_/_3538652'		0.03	0.33	2.07	0.27	0.1	0.46	0.24 No	0.03 Primary Over-Voltage
SAK312	1122	'43333998_/_3538895'		0.03	0.37	2.07	0.27	0.2	0.45	0.24 No	0.03 Primary Over-Voltage
SAK312	1123	'7264223_/_7264221'		0.03	0.3	2.4	0.27	0.1	0.45	0.24 No	0.03 Primary Over-Voltage
SAK312	1124	'470159224_/_470159240_2'		0.03	0.37	2.07	0.27	0.1	0.44	0.24 No	0.03 Primary Over-Voltage
SAK312	1125	'3538629_/_3538639'		0.03	0.33	2.07	0.27	0.1	0.44	0.24 No	0.03 Primary Over-Voltage
SAK312	1126	'3536745_/_3536730'		0.03	0.37	2.07	0.27	0.2	0.43	0.24 No	0.03 Primary Over-Voltage
SAK312	1127	'3538943_/_43334000'		0.03	0.37	1.73	0.27	0.2	0.43	0.24 No	0.03 Primary Over-Voltage
SAK312	1128	'3536746_/_3536743'		0.03	0.37	2.07	0.27	0.2	0.42	0.24 No	0.03 Primary Over-Voltage
SAK312	1129	'7898146_/_7898143'		0.03	0.3	2.07	0.27	0.1	0.43	0.24 No	0.03 Primary Over-Voltage
SAK312	1130	'3538616_/_3538626'		0.03	0.3	2.07	0.27	0.1	0.42	0.24 No	0.03 Primary Over-Voltage
SAK312	1131	'3536817_/_3536814'		0.03	0.33	1.73	0.27	0.2	0.41	0.24 No	0.03 Primary Over-Voltage
SAK312	1132	'3536775_/_3536772'		0.03	0.33	1.73	0.27	0.2	0.41	0.24 No	0.03 Primary Over-Voltage
SAK312	1133	'3538615_/_3538613'		0.03	0.3	2.07	0.27	0.1	0.41	0.24 No	0.03 Primary Over-Voltage
SAK312	1134	'3536788_/_3536785'		0.03	0.33	1.73	0.27	0.2	0.39	0.24 No	0.03 Primary Over-Voltage
SAK312	1135	'7898129_/_9158233'		0.03	0.27	2.07	0.27	0.1	0.4	0.24 No	0.03 Primary Over-Voltage
SAK312	1136	'3536801_/_3536798'		0.03	0.33	1.73	0.27	0.2	0.39	0.24 No	0.03 Primary Over-Voltage
SAK312	1137	'3543373_/_383472428'		0.03	0.4	1.73	0.27	0.1	0.38	0.24 No	0.03 Primary Over-Voltage
SAK312	1138	'43334490_/_3536840'		0.03	0.33	1.73	0.27	0.2	0.38	0.24 No	0.03 Primary Over-Voltage
SAK312	1139	'7898130_/_7898127'		0.03	0.27	2.07	0.27	0.1	0.38	0.24 No	0.03 Primary Over-Voltage
SAK312	1140	'3543318_/_3543371'		0.03	0.37	1.4	0.27	0.1	0.36	0.24 No	0.03 Primary Over-Voltage
SAK312	1141	'43334501_/_43334492'		0.03	0.3	1.73	0.27	0.2	0.35	0.24 No	0.03 Primary Over-Voltage
SAK312	1142	'3543319_/_3543316'		0.03	0.33	1.4	0.27	0.1	0.35	0.24 No	0.03 Primary Over-Voltage
SAK312	1143	'3543387_/_3543384'		0.03	0.33	1.4	0.27	0.1	0.35	0.24 No	0.03 Primary Over-Voltage
SAK312	1144	'3543332_/_3543329'		0.03	0.33	1.4	0.27	0.1	0.34	0.24 No	0.03 Primary Over-Voltage
SAK312	1145	'3543403_/_43333989'		0.03	0.33	1.4	0.27	0.1	0.34	0.24 No	0.03 Primary Over-Voltage
SAK312	1146	'43334512_/_43334503'		0.03	0.27	1.73	0.27	0.2	0.33	0.24 No	0.03 Primary Over-Voltage
SAK312	1147	'414552291_/_3543342'		0.03	0.3	1.4	0.27	0.1	0.32	0.24 No	0.03 Primary Over-Voltage
SAK312	1148	'3536855_/_43334514'		0.03	0.27	1.4	0.27	0.2	0.32	0.24 No	0.03 Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SAK312	1149	'43334534_/3536905'		0.03	0.27	1.4	0.27	0.2	0.31	0.24 No	0.03 Primary Over-Voltage
SAK312	1150	'3536856_/3536853'		0.03	0.23	1.4	0.27	0.2	0.3	0.24 No	0.03 Primary Over-Voltage
SAK312	1151	'3536869_/3536866'		0.03	0.23	1.4	0.27	0.2	0.29	0.24 No	0.03 Primary Over-Voltage
SAK321	0	'SAK321_/589464409'		10	10	10	2.05	10	10	10 No	2.05 Thermal Discharging
SAK321	1	'52388700_/589464409'		10	10	10	2.05	10	10	2.47 No	2.05 Thermal Discharging
SAK321	2	'589464586_/52388617_2'		10	10	10	2.05	10	10	2.47 No	2.05 Thermal Discharging
SAK321	3	'589464443_/52388703'		10	10	10	2.05	10	10	2.47 No	2.05 Thermal Discharging
SAK321	4	'52388614_/52388617_1'		10	10	10	2.05	10	10	2.47 No	2.05 Thermal Discharging
SAK321	5	'52389428_/52388592'		10	10	10	2.05	10	10	2.47 No	2.05 Thermal Discharging
SAK321	6	'52389424_/52388571'		10	10	10	2.05	10	10	2.47 No	2.05 Thermal Discharging
SAK321	7	'52389420_/52388550'		10	10	10	2.05	10	10	2.47 No	2.05 Thermal Discharging
SAK321	8	'52389416_/52388529'		10	10	10	2.05	10	10	2.47 No	2.05 Thermal Discharging
SAK321	9	'52389412_/52388508'		10	10	10	2.05	10	10	2.47 No	2.05 Thermal Discharging
SAK321	10	'52389408_/52388487'		10	10	10	2.05	10	10	2.46 No	2.05 Thermal Discharging
SAK321	11	'52388448_/52388466'		10	10	10	2.05	10	10	2.46 No	2.05 Thermal Discharging
SAK321	12	'52389436_/52388445'		10	10	10	2.05	10	10	2.46 No	2.05 Thermal Discharging
SAK321	13	'52388406_/52388424'		10	10	10	2.05	10	10	2.46 No	2.05 Thermal Discharging
SAK321	14	'52388385_/52388403'		10	10	10	2.05	10	10	2.46 No	2.05 Thermal Discharging
SAK321	15	'52388364_/52388382'		10	10	10	2.05	10	10	2.46 No	2.05 Thermal Discharging
SAK321	16	'52388322_/52388361'		10	10	10	2.05	10	10	2.46 No	2.05 Thermal Discharging
SAK321	17	'52388301_/52388319'		10	10	10	2.05	10	10	2.46 No	2.05 Thermal Discharging
SAK321	18	'392362336_/121484080'		10	10	10	2.05	10	10	2.46 No	2.05 Thermal Discharging
SAK321	19	'121484083_/392362338'		10	10	10	2.05	10	10	2.46 No	2.05 Thermal Discharging
SAK321	20	'121484100_/121484097'		10	10	10	2.05	10	10	2.46 No	2.05 Thermal Discharging
SAK321	21	'121484121_/121484118'		10	10	10	2.05	10	10	2.46 No	2.05 Thermal Discharging
SAK321	22	'121484602_/121484183'		10	10	10	2.05	10	10	2.46 No	2.05 Thermal Discharging
SAK321	23	'121484583_/121484581'		10	10	10	2.05	10	10	2.46 No	2.05 Thermal Discharging
SAK321	24	'121484629_/121484610'		10	10	10	2.05	10	10	2.46 No	2.05 Thermal Discharging
SAK321	25	'121484658_/121484627'		10	10	10	2.05	10	10	2.46 No	2.05 Thermal Discharging
SAK321	26	'3511736_/3511750'		10	10	10	2.05	10	10	2.46 No	2.05 Thermal Discharging
SAK321	27	'3511735_/3511733'		10	10	10	2.05	10	10	2.46 No	2.05 Thermal Discharging
SAK321	28	'3512087_/3512085'		10	10	10	2.05	10	10	2.45 No	2.05 Thermal Discharging
SAK321	29	'3511634_/3512122'		10	10	10	2.05	10	10	2.45 No	2.05 Thermal Discharging
SAK321	30	'3511617_/3511631'		10	10	10	2.05	10	10	2.45 No	2.05 Thermal Discharging
SAK321	31	'3511600_/3511614'		10	10	10	2.05	10	10	2.45 No	2.05 Thermal Discharging
SAK321	32	'3511599_/3511597'		10	10	10	2.05	10	10	2.45 No	2.05 Thermal Discharging
SAK321	33	'3518111_/3518109'		10	10	10	2.05	10	10	2.45 No	2.05 Thermal Discharging
SAK321	34	'622933518_/622933522'		10	10	10	2.05	10	10	2.45 No	2.05 Thermal Discharging
SAK321	35	'588442127_/588442124'		10	10	10	2.05	10	10	2.45 No	2.05 Thermal Discharging
SAK321	36	'588442156_/588442154'		10	10	10	2.05	10	10	2.45 No	2.05 Thermal Discharging
SAK321	37	'588442173_/588442171'		10	10	10	2.05	10	10	2.45 No	2.05 Thermal Discharging
SAK321	38	'588442190_/588442188'		10	10	10	2.05	10	10	2.45 No	2.05 Thermal Discharging
SAK321	39	'588442207_/588442205'		10	10	10	2.05	10	10	2.45 No	2.05 Thermal Discharging
SAK321	40	'588442225_/588442222'		10	10	10	2.05	10	10	2.45 No	2.05 Thermal Discharging
SAK321	41	'588442242_/588442239'		10	10	10	2.05	10	10	2.45 No	2.05 Thermal Discharging
SAK321	42	'588442258_/588442256'		10	10	10	2.05	10	10	2.45 No	2.05 Thermal Discharging
SAK321	43	'588442275_/588442273'		10	10	10	2.05	10	10	2.45 No	2.05 Thermal Discharging
SAK321	44	'588442293_/588442290'		10	10	10	2.05	10	10	2.45 No	2.05 Thermal Discharging
SAK321	45	'588442310_/588442307'		10	10	10	2.05	10	10	2.44 No	2.05 Thermal Discharging
SAK321	46	'588442327_/588442324'		10	10	10	2.05	10	10	2.44 No	2.05 Thermal Discharging
SAK321	47	'588442344_/588442341'		10	10	10	2.05	10	10	2.44 No	2.05 Thermal Discharging
SAK321	48	'588442361_/588442358'		10	10	10	2.05	10	10	2.44 No	2.05 Thermal Discharging
SAK321	49	'588442378_/588442375'		10	10	10	2.05	10	10	2.44 No	2.05 Thermal Discharging
SAK321	50	'588442395_/588442392'		10	10	10	2.05	10	10	2.44 No	2.05 Thermal Discharging
SAK321	51	'588442412_/588442409'		10	10	10	2.05	10	10	2.44 No	2.05 Thermal Discharging
SAK321	52	'588601209_/588601206'		10	10	10	2.05	10	10	2.44 No	2.05 Thermal Discharging
SAK321	53	'588601226_/588601223'		10	10	10	2.05	10	10	2.44 No	2.05 Thermal Discharging
SAK321	54	'588601243_/588601240'		10	10	10	2.05	10	10	2.44 No	2.05 Thermal Discharging
SAK321	55	'588601260_/588601257'		10	10	10	2.05	10	10	2.44 No	2.05 Thermal Discharging
SAK321	56	'588601277_/588601274'		10	10	10	2.05	10	10	2.44 No	2.05 Thermal Discharging
SAK321	57	'593355156_/588601291'		10	10	10	2.05	10	10	2.44 No	2.05 Thermal Discharging
SAK321	58	'593354861_/593354859'		10	10	10	2.05	10	10	2.44 No	2.05 Thermal Discharging
SAK321	59	'593354878_/593354876'		10	10	10	2.05	10	10	2.44 No	2.05 Thermal Discharging
SAK321	60	'593354896_/593354893'		10	10	10	2.05	10	10	2.44 No	2.05 Thermal Discharging
SAK321	61	'593354913_/593354910'		10	10	10	2.05	10	10	2.44 No	2.05 Thermal Discharging
SAK321	62	'593354928_/593354925'		10	10	10	2.05	10	10	2.43 No	2.05 Thermal Discharging
SAK321	63	'593354945_/593354942'		10	10	10	2.05	10	10	2.43 No	2.05 Thermal Discharging
SAK321	64	'593354959_/593354957'		10	10	10	2.05	10	10	2.43 No	2.05 Thermal Discharging
SAK321	65	'593354976_/593354974'		10	10	10	2.05	10	10	2.43 No	2.05 Thermal Discharging
SAK321	66	'593354992_/593354989'		10	10	10	2.05	10	10	2.43 No	2.05 Thermal Discharging
SAK321	67	'593355011_/593355008'		10	10	10	2.05	10	10	2.43 No	2.05 Thermal Discharging
SAK321	68	'593355032_/593355029'		10	10	10	2.05	10	10	2.43 No	2.05 Thermal Discharging
SAK321	69	'593355049_/593355046'		10	10	10	2.05	10	10	2.43 No	2.05 Thermal Discharging
SAK321	70	'593355066_/593355063'		10	10	10	2.05	10	10	2.43 No	2.05 Thermal Discharging
SAK321	71	'593355083_/593355080'		10	10	10	2.05	10	10	2.43 No	2.05 Thermal Discharging
SAK321	72	'593355100_/593355097'		10	10	10	2.05	10	10	2.43 No	2.05 Thermal Discharging
SAK321	73	'593355115_/593355112'		10	10	10	2.05	10	10	2.43 No	2.05 Thermal Discharging
SAK321	74	'595070212_/602990809'		10	10	10	2.05	10	10	2.43 No	2.05 Thermal Discharging
SAK321	75	'43425040_/43425042'		10	10	10	2.05	10	10	2.43 No	2.05 Thermal Discharging
SAK321	76	'3969399_/3971604'		10	10	10	2.05	10	10	2.43 No	2.05 Thermal Discharging
SAK321	77	'220757794_/3969396'		10	10	10	2.05	10	10	2.43 No	2.05 Thermal Discharging
SAK321	78	'43419381_/3969379'		10	10	10	2.05	10	10	2.43 No	2.05 Thermal Discharging
SAK321	79	'44073511_/44073521'		10	10	10	2.05	10	10	2.43 No	2.05 Thermal Discharging
SAK321	80	'43423062_/43423064'		10	10	10	2.05	10	10	2.43 No	2.05 Thermal Discharging
SAK321	81	'606347649_/602990881_1'		10	10	10	2.05	3.6	10	2.43 No	2.05 Thermal Discharging
SAK321	82	'3969361_/3969359'		10	10	10	2.05	10	10	2.43 No	2.05 Thermal Discharging
SAK321	83	'3969432_/3969430'		10	10	10	2.05	10	10	2.42 No	2.05 Thermal Discharging
SAK321	84	'602992124_/3969447'		10	10	10	2.05	10	10	2.42 No	2.05 Thermal Discharging
SAK321	85	'3968606_/3969481'		10	10	10	2.05	10	10	2.42 No	2.05 Thermal Discharging
SAK321	86	'606347216_/602992213_1'		10	10	10	2.05	5.6	10	2.42 No	2.05 Thermal Discharging
SAK321	87	'3971405_/3971403'		10	10	10	2.05	10	10	2.42 No	2.05 Thermal Discharging
SAK321	88	'602992202_/602992213_2'		10	10	10	2.05	5.6	10	2.42 No	2.05 Thermal Discharging
SAK321	89	'595071224_/595071228'		10	10	10	2.05	10	10	2.42 No	2.05 Thermal Discharging
SAK321	90	'3968580_/3968577_2'		3.33	3.33	3.33	0.68	2.8	3.33	0.81 No	0.68 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SAK321	91	'606347707_/602990942_1'	3.33		3.33	3.33	0.68	1.2	3.33	0.81 No	0.68 Thermal Discharging
SAK321	92	'3969518_/3971380'	10		10	10	2.05	10	2.42 No	2.05 Thermal Discharging	2.05 Thermal Discharging
SAK321	93	'606347729_/602990984_1'	10		10	10	2.05	3.6	10	2.42 No	2.05 Thermal Discharging
SAK321	94	'3969501_/3969515'	10		10	10	2.05	10	10	2.42 No	2.05 Thermal Discharging
SAK321	95	'606347751_/602991098_1'	3.33		3.33	3.33	0.68	1.2	3.33	0.81 No	0.68 Thermal Discharging
SAK321	96	'3969500_/3969498'	10		10	10	2.05	10	10	2.42 No	2.05 Thermal Discharging
SAK321	97	'8763067_/602990881_2'	10		10	10	2.05	3.6	10	2.42 No	2.05 Thermal Discharging
SAK321	98	'3975080_/3975141'	10		10	10	2.05	10	10	2.42 No	2.05 Thermal Discharging
SAK321	99	'606348665_/3975078_1'	3.33		3.33	3.33	0.68	1.5	3.33	0.81 No	0.68 Thermal Discharging
SAK321	100	'606348630_/3975078_2'	3.33		3.33	3.33	0.68	1.5	3.33	0.81 No	0.68 Thermal Discharging
SAK321	101	'433777839_/7196182_1'	10		10	10	2.05	3.6	10	2.42 No	2.05 Thermal Discharging
SAK321	102	'43419444_/3975124'	10		10	10	2.05	10	10	2.42 No	2.05 Thermal Discharging
SAK321	103	'3975160_/3975158'	10		10	10	2.05	10	10	2.42 No	2.05 Thermal Discharging
SAK321	104	'7196185_/7196182_2'	10		10	10	2.05	3.6	10	2.42 No	2.05 Thermal Discharging
SAK321	105	'7607277_/602990942_2'	3.33		3.33	3.33	0.68	1.2	3.33	0.81 No	0.68 Thermal Discharging
SAK321	106	'606348618_/9093195_1'	10		10	10	2.05	2.2	10	2.42 No	2.05 Thermal Discharging
SAK321	107	'43425092_/43425094'	10		10	10	2.05	10	10	2.42 No	2.05 Thermal Discharging
SAK321	108	'3975106_/3975104'	10		10	10	2.05	10	10	2.42 No	2.05 Thermal Discharging
SAK321	109	'9185305_/602990984_2'	10		10	10	2.05	3.6	10	2.42 No	2.05 Thermal Discharging
SAK321	110	'3968579_/3968577_1'	3.33		3.33	3.33	0.68	1.2	3.33	0.81 No	0.68 Thermal Discharging
SAK321	111	'353901991_/353901988'	10		10	10	2.05	10	10	2.42 No	2.05 Thermal Discharging
SAK321	112	'8453231_/9093195_2'	10		10	10	2.05	2.2	10	2.42 No	2.05 Thermal Discharging
SAK321	113	'353902024_/353902021'	10		10	10	2.05	10	10	2.42 No	2.05 Thermal Discharging
SAK321	114	'7607262_/602991098_2'	3.33		3.33	3.33	0.68	1.2	3.33	0.81 No	0.68 Thermal Discharging
SAK321	115	'353902057_/353902054'	10		10	10	2.05	10	10	2.42 No	2.05 Thermal Discharging
SAK321	116	'353902202_/353902938'	10		10	10	2.05	10	10	2.42 No	2.05 Thermal Discharging
SAK321	117	'606347826_/602991410_1'	10		10	10	2.05	3.6	10	2.42 No	2.05 Thermal Discharging
SAK321	118	'43422466_/43422468'	3.33		3.33	3.33	0.68	1.2	3.33	0.81 No	0.68 Thermal Discharging
SAK321	119	'4673830_/353902356'	10		10	10	2.05	10	10	2.42 No	2.05 Thermal Discharging
SAK321	120	'7928321_/602991160'	3.33		3.33	3.33	0.68	1.2	3.33	0.81 No	0.68 Thermal Discharging
SAK321	121	'352176386_/352176383'	10		10	10	2.05	10	10	2.42 No	2.05 Thermal Discharging
SAK321	122	'4673612_/352176368'	10		10	10	2.05	10	10	2.42 No	2.05 Thermal Discharging
SAK321	123	'352176406_/352176403'	10		10	10	2.05	10	10	2.42 No	2.05 Thermal Discharging
SAK321	124	'347519892_/347519889'	10		10	10	2.05	10	10	2.42 No	2.05 Thermal Discharging
SAK321	125	'352176868_/352176638_1'	3.33		3.33	3.33	0.68	1.2	3.33	0.81 No	0.68 Thermal Discharging
SAK321	126	'9185532_/602991410_2'	10		10	10	2.05	3.6	10	2.42 No	2.05 Thermal Discharging
SAK321	127	'4676542_/352176423'	10		10	10	2.05	10	10	2.42 No	2.05 Thermal Discharging
SAK321	128	'347520138_/347520135'	10		10	10	2.05	10	10	2.42 No	2.05 Thermal Discharging
SAK321	129	'4676558_/352176813'	10		10	10	2.05	10	10	2.42 No	2.05 Thermal Discharging
SAK321	130	'3968567_/3971544'	3.33		3.33	3.33	0.68	1.2	3.33	0.81 No	0.68 Thermal Discharging
SAK321	131	'347520158_/347520155'	10		10	10	2.05	10	10	2.42 No	2.05 Thermal Discharging
SAK321	132	'9185552_/602991485'	10		10	10	2.05	3.6	10	2.42 No	2.05 Thermal Discharging
SAK321	133	'4676399_/4676539'	10		10	10	2.05	10	10	2.42 No	2.05 Thermal Discharging
SAK321	134	'4676701_/4676715_1'	10		10	10	2.05	3.6	10	2.42 No	2.05 Thermal Discharging
SAK321	135	'52599183_/43557738_2'	10		10	10	2.05	10	10	2.42 No	2.05 Thermal Discharging
SAK321	136	'4676664_/4676678'	10		10	10	2.05	10	10	2.42 No	2.05 Thermal Discharging
SAK321	137	'43557723_/43557738_1'	10		10	10	2.05	4.6	10	2.42 No	2.05 Thermal Discharging
SAK321	138	'52599190_/43557725'	10		10	10	2.05	4.6	10	2.42 No	2.05 Thermal Discharging
SAK321	139	'347520263_/347520260'	10		10	10	2.05	10	10	2.42 No	2.05 Thermal Discharging
SAK321	140	'4676647_/4676661_2'	10		10	10	2.05	10	10	2.42 No	2.05 Thermal Discharging
SAK321	141	'4676630_/4676661_1'	10		10	10	1.84	10	10	9.88 No	1.84 Thermal Discharging
SAK321	142	'347520754_/347520751'	3.33		3.33	3.33	0.68	3.33	3.33	0.81 No	0.68 Thermal Discharging
SAK321	143	'217521025_/217521035'	10		10	10	1.84	10	10	9.88 No	1.84 Thermal Discharging
SAK321	144	'347520306_/347520303'	10		10	10	2.05	10	10	2.42 No	2.05 Thermal Discharging
SAK321	145	'347520806_/254313625_2'	3.33		3.33	3.33	0.68	3.33	3.33	0.81 No	0.68 Thermal Discharging
SAK321	146	'4673684_/43557898'	10		10	10	1.84	10	10	9.88 No	1.84 Thermal Discharging
SAK321	147	'3970833_/347520582'	10		10	10	2.05	10	10	2.41 No	2.05 Thermal Discharging
SAK321	148	'347520343_/347520340'	10		10	10	2.05	10	10	2.41 No	2.05 Thermal Discharging
SAK321	149	'347520635_/239693846_1'	10		10	10	2.05	3.6	10	2.41 No	2.05 Thermal Discharging
SAK321	150	'602991570_/3970831'	10		10	10	2.05	10	10	2.41 No	2.05 Thermal Discharging
SAK321	151	'347520376_/347520373'	10		10	10	2.05	10	10	2.41 No	2.05 Thermal Discharging
SAK321	152	'4673668_/247858610'	10		10	10	1.84	10	10	9.88 No	1.84 Thermal Discharging
SAK321	153	'247858671_/247858668'	10		10	10	1.84	10	10	9.88 No	1.84 Thermal Discharging
SAK321	154	'3968554_/3968564'	3.33		3.33	3.33	0.68	1.2	3.33	0.81 No	0.68 Thermal Discharging
SAK321	155	'347520424_/347520421'	10		10	10	2.05	10	10	2.41 No	2.05 Thermal Discharging
SAK321	156	'4673796_/247858688'	10		10	10	1.84	10	10	9.88 No	1.84 Thermal Discharging
SAK321	157	'4676508_/4676715_2'	10		10	10	2.05	3.6	10	2.42 No	2.05 Thermal Discharging
SAK321	158	'9499917_/239693846_2'	10		10	10	2.05	3.6	10	2.41 No	2.05 Thermal Discharging
SAK321	159	'3970800_/347520441'	10		10	10	2.05	10	10	2.41 No	2.05 Thermal Discharging
SAK321	160	'4673779_/4673793'	10		10	10	1.84	10	10	9.88 No	1.84 Thermal Discharging
SAK321	161	'4676480_/352176638_2'	3.33		3.33	3.33	0.68	1.2	3.33	0.81 No	0.68 Thermal Discharging
SAK321	162	'3971044_/3971041'	10		10	10	2.05	10	10	2.41 No	2.05 Thermal Discharging
SAK321	163	'3970990_/3970987'	10		10	10	2.05	10	10	2.41 No	2.05 Thermal Discharging
SAK321	164	'43557920_/43557922'	10		10	10	1.84	10	10	9.88 No	1.84 Thermal Discharging
SAK321	165	'4673487_/4673733'	10		10	10	1.84	10	10	9.88 No	1.84 Thermal Discharging
SAK321	166	'3971010_/3971007'	10		10	10	2.05	10	10	2.41 No	2.05 Thermal Discharging
SAK321	167	'3974652_/3974669'	10		10	10	2.05	10	10	2.41 No	2.05 Thermal Discharging
SAK321	168	'4676445_/4676443'	10		10	10	1.84	10	10	9.88 No	1.84 Thermal Discharging
SAK321	169	'595656200_/4676460_2'	10		10	10	1.84	10	10	9.88 No	1.84 Thermal Discharging
SAK321	170	'414995436_/415112580_1'	10		10	10	2.05	2.9	10	2.41 No	2.05 Thermal Discharging
SAK321	171	'53379931_/3971024'	10		10	10	2.05	10	10	2.41 No	2.05 Thermal Discharging
SAK321	172	'4673488_/4673750_2'	3.33		3.33	3.33	0.61	2.8	3.33	3.29 No	0.61 Thermal Discharging
SAK321	173	'57664395_/53380002_1'	10		10	10	2.05	3.6	10	2.41 No	2.05 Thermal Discharging
SAK321	174	'3971027_/53379952'	10		10	10	2.05	10	10	2.41 No	2.05 Thermal Discharging
SAK321	175	'4676417_/4676460_1'	10		10	10	1.84	10	10	9.88 No	1.84 Thermal Discharging
SAK321	176	'414995443_/415112580_2'	10		10	10	2.05	2.9	10	2.41 No	2.05 Thermal Discharging
SAK321	177	'43426693_/3970798'	3.33		3.33	3.33	0.68	3.33	3.33	0.8 No	0.68 Thermal Discharging
SAK321	178	'4676416_/4676427_2'	3.33		3.33	3.33	0.61	2.6	3.33	3.29 No	0.61 Thermal Discharging
SAK321	179	'4676509_/4676506'	10		10	10	2.05	3.6	10	2.41 No	2.05 Thermal Discharging
SAK321	180	'3970801_/8423102_2'	3.33		3.33	3.33	0.68	3.33	3.33	0.8 No	0.68 Thermal Discharging
SAK321	181	'4016858_/4016855'	10		10	10	2.05	10	10	2.41 No	2.05 Thermal Discharging
SAK321	182	'86653160_/4016872_1'	10		10	10	2.05	10	10	2.41 No	2.05 Thermal Discharging
SAK321	183	'43558378_/4676948'	10		10	10	1.84	10	10	9.88 No	1.84 Thermal Discharging
SAK321	184	'251222551_/67386862_1'	10		10	10	2.05	10	10	2.41 No	2.05 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SAK321	185	'4673752_/_4673750_1'	3.33		3.33	3.33	0.61	0.9	3.33	3.29 No	0.61 Thermal Discharging
SAK321	186	'4016891_/_4016872_2'	10		10	10	2.05	10	2.41 No	2.05 Thermal Discharging	2.05 Thermal Discharging
SAK321	187	'4016892_/_43426719'	10		10	10	2.05	10	2.41 No	2.05 Thermal Discharging	2.05 Thermal Discharging
SAK321	188	'4673513_/_4676242'	10		10	10	1.84	10	10	9.88 No	1.84 Thermal Discharging
SAK321	189	'90724558_/_43426642'	10		10	10	2.05	10	10	2.41 No	2.05 Thermal Discharging
SAK321	190	'43426667_/_43426655'	10		10	10	2.05	10	10	2.41 No	2.05 Thermal Discharging
SAK321	191	'67386891_/_67386862_2'	10		10	10	2.05	10	10	2.41 No	2.05 Thermal Discharging
SAK321	192	'4673514_/_4673511'	10		10	10	1.84	10	10	9.88 No	1.84 Thermal Discharging
SAK321	193	'4676429_/_4676427_1'	3.33		3.33	3.33	0.61	1.2	3.33	3.29 No	0.61 Thermal Discharging
SAK321	194	'4672514_/_4673528'	10		10	10	1.84	10	10	9.88 No	1.84 Thermal Discharging
SAK321	195	'4676479_/_4676477'	3.33		3.33	3.33	0.68	1.2	3.33	0.8 No	0.68 Thermal Discharging
SAK321	196	'4672515_/_4672512'	10		10	10	1.84	10	10	9.88 No	1.84 Thermal Discharging
SAK321	197	'43426614_/_3974649'	10		10	10	2.05	10	10	2.41 No	2.05 Thermal Discharging
SAK321	198	'254313606_/_254313625_1'	3.33		3.33	3.33	0.68	1.2	3.33	0.8 No	0.68 Thermal Discharging
SAK321	199	'43557837_/_4672529'	10		10	10	1.84	10	10	9.88 No	1.84 Thermal Discharging
SAK321	200	'43419422_/_3968551'	3.33		3.33	3.33	0.68	1.2	3.33	0.81 No	0.68 Thermal Discharging
SAK321	201	'4672549_/_4672546'	10		10	10	1.84	10	10	9.88 No	1.84 Thermal Discharging
SAK321	202	'4673927_/_4672563'	10		10	10	1.84	10	10	9.88 No	1.84 Thermal Discharging
SAK321	203	'273028847_/_8449416_2'	3.33		3.33	3.33	0.61	3.33	3.33	3.29 No	0.61 Thermal Discharging
SAK321	204	'273028862_/_8442688_2'	3.33		3.33	3.33	0.61	3.33	3.33	3.29 No	0.61 Thermal Discharging
SAK321	205	'273028757_/_4677871'	10		10	10	1.84	10	10	9.88 No	1.84 Thermal Discharging
SAK321	206	'43557760_/_4676732'	3.33		3.33	3.33	0.61	1.2	3.33	3.29 No	0.61 Thermal Discharging
SAK321	207	'67386923_/_67386900'	10		10	10	2.05	10	10	2.41 No	2.05 Thermal Discharging
SAK321	208	'4677840_/_273028759'	10		10	10	1.84	10	10	9.88 No	1.84 Thermal Discharging
SAK321	209	'53380000_/_53380002_2'	10		10	10	2.05	3.6	10	2.41 No	2.05 Thermal Discharging
SAK321	210	'126067240_/_43557773'	3.33		3.33	3.33	0.61	1.2	3.33	3.29 No	0.61 Thermal Discharging
SAK321	211	'4677841_/_4677838'	10		10	10	1.84	10	10	9.88 No	1.84 Thermal Discharging
SAK321	212	'4676750_/_8283898_1'	3.33		3.33	3.33	0.61	0.7	3.33	3.29 No	0.61 Thermal Discharging
SAK321	213	'43558730_/_4678063'	10		10	10	1.84	10	10	9.88 No	1.84 Thermal Discharging
SAK321	214	'3968592_/_3968590'	3.33		3.33	3.33	0.68	1.2	3.33	0.81 No	0.68 Thermal Discharging
SAK321	215	'4678048_/_4678080'	10		10	10	1.84	10	10	9.88 No	1.84 Thermal Discharging
SAK321	216	'7334371_/_7334369_2'	3.33		3.33	3.33	0.61	3.33	3.33	3.29 No	0.61 Thermal Discharging
SAK321	217	'7649297_/_7334369_1'	3.33		3.33	3.33	0.61	1.2	3.33	3.29 No	0.61 Thermal Discharging
SAK321	218	'7968898_/_8283962_1'	3.33		3.33	3.33	0.61	0.4	3.33	3.29 No	0.4 Element Fault
SAK321	219	'43558717_/_4678046'	10		10	10	1.84	10	10	9.88 No	1.84 Thermal Discharging
SAK321	220	'4677803_/_43558719'	10		10	10	1.84	10	10	9.88 No	1.84 Thermal Discharging
SAK321	221	'53380028_/_533800035'	10		10	10	2.05	3.6	10	2.41 No	2.05 Thermal Discharging
SAK321	222	'7968897_/_8283962_2'	3.33		3.33	3.33	0.61	0.4	3.33	3.29 No	0.4 Element Fault
SAK321	223	'8423105_/_8423102_1'	3.33		3.33	3.33	0.68	1.2	3.33	0.8 No	0.68 Thermal Discharging
SAK321	224	'4677786_/_4677801'	10		10	10	1.84	10	10	9.88 No	1.84 Thermal Discharging
SAK321	225	'67386949_/_67386926'	10		10	10	2.05	10	10	2.41 No	2.05 Thermal Discharging
SAK321	226	'4677753_/_4677784'	10		10	10	1.84	10	10	9.88 No	1.84 Thermal Discharging
SAK321	227	'43558693_/_4677751'	10		10	10	1.84	10	10	9.88 No	1.84 Thermal Discharging
SAK321	228	'4649509_/_43558695'	10		10	10	1.84	10	10	9.88 No	1.84 Thermal Discharging
SAK321	229	'4649510_/_4649507'	10		10	10	1.84	10	10	9.88 No	1.84 Thermal Discharging
SAK321	230	'3975006_/_3975004'	3.33		3.33	3.33	0.68	1.2	3.33	0.81 No	0.68 Thermal Discharging
SAK321	231	'4677940_/_4677938'	10		10	10	1.84	10	10	9.88 No	1.84 Thermal Discharging
SAK321	232	'8283667_/_8283898_2'	3.33		3.33	3.33	0.61	0.7	3.33	3.29 No	0.61 Thermal Discharging
SAK321	233	'8594035_/_8594032_2'	3.33		3.33	3.33	0.61	3.33	3.33	3.29 No	0.61 Thermal Discharging
SAK321	234	'43558706_/_4677768'	3.33		3.33	3.33	0.61	3.33	3.33	3.29 No	0.61 Thermal Discharging
SAK321	235	'53380058_/_53380060'	10		10	10	2.05	3.6	10	2.41 No	2.05 Thermal Discharging
SAK321	236	'4677957_/_4677955'	10		10	10	1.84	10	10	9.88 No	1.84 Thermal Discharging
SAK321	237	'8449255_/_8594032_1'	3.33		3.33	3.33	0.61	0.7	3.33	3.29 No	0.61 Thermal Discharging
SAK321	238	'4677771_/_8767474_1'	3.33		3.33	3.33	0.61	1.2	3.33	3.29 No	0.61 Thermal Discharging
SAK321	239	'4677974_/_4677972'	10		10	10	1.84	10	10	9.88 No	1.84 Thermal Discharging
SAK321	240	'9712982_/_9712980'	3.33		3.33	3.33	0.61	1.2	3.33	3.29 No	0.61 Thermal Discharging
SAK321	241	'67386980_/_67386952'	10		10	10	2.05	10	10	2.41 No	2.05 Thermal Discharging
SAK321	242	'8442691_/_8442688_1'	3.33		3.33	3.33	0.61	1.2	3.33	3.29 No	0.61 Thermal Discharging
SAK321	243	'388314360_/_396236349_2'	10		10	10	1.84	10	10	9.88 No	1.84 Thermal Discharging
SAK321	244	'4677991_/_4677989'	10		10	10	1.84	10	10	9.88 No	1.84 Thermal Discharging
SAK321	245	'396236327_/_396236349_1'	10		10	10	1.84	3.6	10	9.88 No	1.84 Thermal Discharging
SAK321	246	'440217216_/_388314392_2'	10		10	10	1.84	10	10	9.88 No	1.84 Thermal Discharging
SAK321	247	'4678008_/_4678006'	10		10	10	1.84	10	10	9.88 No	1.84 Thermal Discharging
SAK321	248	'142273132_/_67386982'	10		10	10	2.05	10	10	2.41 No	2.05 Thermal Discharging
SAK321	249	'3974994_/_3975279'	3.33		3.33	3.33	0.68	1.2	3.33	0.8 No	0.68 Thermal Discharging
SAK321	250	'4677923_/_4678023'	10		10	10	1.84	10	10	9.88 No	1.84 Thermal Discharging
SAK321	251	'4677924_/_4677921_1'	3.33		3.33	3.33	0.61	0.7	3.33	3.29 No	0.61 Thermal Discharging
SAK321	252	'4678117_/_4677921_2'	3.33		3.33	3.33	0.61	0.7	3.33	3.29 No	0.61 Thermal Discharging
SAK321	253	'3975269_/_3975266'	3.33		3.33	3.33	0.68	1.2	3.33	0.8 No	0.68 Thermal Discharging
SAK321	254	'9228407_/_9228404'	10		10	10	1.84	3.6	10	9.88 No	1.84 Thermal Discharging
SAK321	255	'4678150_/_4678148'	10		10	10	1.84	10	10	9.88 No	1.84 Thermal Discharging
SAK321	256	'346198324_/_346198321'	10		10	10	2.05	10	10	2.41 No	2.05 Thermal Discharging
SAK321	257	'142273253_/_142273250'	10		10	10	2.05	10	10	2.41 No	2.05 Thermal Discharging
SAK321	258	'7334403_/_103726070_1'	10		10	10	1.84	4.9	10	9.88 No	1.84 Thermal Discharging
SAK321	259	'101987305_/_4678165'	10		10	10	1.84	10	10	9.88 No	1.84 Thermal Discharging
SAK321	260	'125831385_/_125831396'	10		10	10	1.84	3.6	10	9.88 No	1.84 Thermal Discharging
SAK321	261	'101987356_/_101987327_1'	10		10	10	1.84	3.6	10	9.88 No	1.84 Thermal Discharging
SAK321	262	'4677891_/_4677904_2'	10		10	10	1.84	10	10	9.88 No	1.84 Thermal Discharging
SAK321	263	'43419433_/_3974991'	3.33		3.33	3.33	0.68	1.2	3.33	0.8 No	0.68 Thermal Discharging
SAK321	264	'4677890_/_4677888'	3.33		3.33	3.33	0.61	3.33	3.33	3.29 No	0.61 Thermal Discharging
SAK321	265	'4677687_/_4677904_1'	10		10	10	1.84	10	10	9.88 No	1.84 Thermal Discharging
SAK321	266	'7649313_/_8449416_1'	3.33		3.33	3.33	0.61	1.2	3.33	3.29 No	0.61 Thermal Discharging
SAK321	267	'7819312_/_8767474_2'	3.33		3.33	3.33	0.61	1.2	3.33	3.29 No	0.61 Thermal Discharging
SAK321	268	'393813693_/_393813839'	10		10	10	1.84	3.6	10	9.88 No	1.84 Thermal Discharging
SAK321	269	'4677670_/_4677684'	10		10	10	1.84	10	10	9.88 No	1.84 Thermal Discharging
SAK321	270	'4677669_/_4677667'	10		10	10	1.84	10	10	9.88 No	1.84 Thermal Discharging
SAK321	271	'142273277_/_67387095'	10		10	10	2.05	10	10	2.41 No	2.05 Thermal Discharging
SAK321	272	'346198357_/_346198354'	10		10	10	2.05	10	10	2.41 No	2.05 Thermal Discharging
SAK321	273	'390471002_/_390471055'	10		10	10	1.84	10	10	9.88 No	1.84 Thermal Discharging
SAK321	274	'4649543_/_390471004'	10		10	10	1.84	10	10	9.88 No	1.84 Thermal Discharging
SAK321	275	'390471398_/_390471602'	10		10	10	1.84	10	10	9.88 No	1.84 Thermal Discharging
SAK321	276	'7156915_/_43558636_2'	3.33		3.33	3.33	0.61	3.33	3.33	3.29 No	0.61 Thermal Discharging
SAK321	277	'7149955_/_7149972'	10		10	10	1.84	10	10	9.88 No	1.84 Thermal Discharging
SAK321	278	'4677332_/_390471462'	10		10	10	1.84	10	10	9.88 No	1.84 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over- Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SAK321	279	'44065813_/44065815'		10	10	10	1.84	10	10	9.88 No	1.84 Thermal Discharging
SAK321	280	'43558743_/88037764'		10	10	10	1.84	10	10	9.88 No	1.84 Thermal Discharging
SAK321	281	'7334022_/8283664'	3.33		3.33	3.33	0.61	0.7	3.33	3.29 No	0.61 Thermal Discharging
SAK321	282	'346198390_/346198387'		10	10	10	2.05	10	10	2.4 No	2.05 Thermal Discharging
SAK321	283	'3975019_/3975017'	3.33		3.33	3.33	0.68	1.2	3.33	0.8 No	0.68 Thermal Discharging
SAK321	284	'7819313_/7819310'	3.33		3.33	3.33	0.61	1.2	3.33	3.29 No	0.61 Thermal Discharging
SAK321	285	'391015586_/4677718_1'	3.33		3.33	3.33	0.61	1.2	3.33	3.29 No	0.61 Thermal Discharging
SAK321	286	'87089662_/87089659'		10	10	10	1.84	10	10	9.88 No	1.84 Thermal Discharging
SAK321	287	'388314373_/388314392_1'		10	10	10	1.84	3.7	10	9.88 No	1.84 Thermal Discharging
SAK321	288	'4677333_/4677330'		10	10	10	1.84	10	10	9.88 No	1.84 Thermal Discharging
SAK321	289	'103726065_/103726070_2'		10	10	10	1.84	4.9	10	9.88 No	1.84 Thermal Discharging
SAK321	290	'43558632_/43558636_1'	3.33		3.33	3.33	0.61	0.7	3.33	3.29 No	0.61 Thermal Discharging
SAK321	291	'87089681_/87089678'		10	10	10	1.84	10	10	9.88 No	1.84 Thermal Discharging
SAK321	292	'109304274_/87089703_1'	3.33		3.33	3.33	0.61	1.2	3.33	3.29 No	0.61 Thermal Discharging
SAK321	293	'388314420_/388314430'		10	10	10	1.84	3.7	10	9.88 No	1.84 Thermal Discharging
SAK321	294	'67387144_/67387121'		10	10	10	2.05	10	10	2.4 No	2.05 Thermal Discharging
SAK321	295	'87089706_/87089703_2'	3.33		3.33	3.33	0.61	1.2	3.33	3.29 No	0.61 Thermal Discharging
SAK321	296	'87089829_/87089826'		10	10	10	1.84	10	10	9.88 No	1.84 Thermal Discharging
SAK321	297	'4677316_/4677350'		10	10	10	1.84	10	10	9.88 No	1.84 Thermal Discharging
SAK321	298	'7649314_/7649311'	3.33		3.33	3.33	0.61	1.2	3.33	3.29 No	0.61 Thermal Discharging
SAK321	299	'44063361_/43558747'		10	10	10	1.84	10	10	9.88 No	1.84 Thermal Discharging
SAK321	300	'393813672_/393813705'		10	10	10	1.84	3.6	10	9.88 No	1.84 Thermal Discharging
SAK321	301	'725174520_/44063363_1'		10	10	10	1.84	3.8	10	9.88 No	1.84 Thermal Discharging
SAK321	302	'87089848_/87089845'		10	10	10	1.84	10	10	9.88 No	1.84 Thermal Discharging
SAK321	303	'4677317_/4677314'	3.33		3.33	3.33	0.61	3.33	3.33	3.29 No	0.61 Thermal Discharging
SAK321	304	'9541321_/9541318'	3.33		3.33	3.33	0.68	1.2	3.33	0.8 No	0.68 Thermal Discharging
SAK321	305	'87089867_/87089864'		10	10	10	1.84	10	10	9.88 No	1.84 Thermal Discharging
SAK321	306	'56183098_/361025608'		10	10	10	1.84	3.6	10	9.88 No	1.84 Thermal Discharging
SAK321	307	'43558617_/44063363_2'		10	10	10	1.84	3.8	10	9.88 No	1.84 Thermal Discharging
SAK321	308	'43558671_/4677718_2'	3.33		3.33	3.33	0.61	1.2	3.33	3.29 No	0.61 Thermal Discharging
SAK321	309	'67387170_/67387147'		10	10	10	2.05	10	10	2.4 No	2.05 Thermal Discharging
SAK321	310	'87089886_/87089883'		10	10	10	1.84	10	10	9.88 No	1.84 Thermal Discharging
SAK321	311	'4677299_/4677370'		10	10	10	1.84	10	10	9.88 No	1.84 Thermal Discharging
SAK321	312	'88037590_/87089908_1'	3.33		3.33	3.33	0.61	1.2	3.33	3.29 No	0.61 Thermal Discharging
SAK321	313	'87090005_/87090002'		10	10	10	1.84	10	10	9.88 No	1.84 Thermal Discharging
SAK321	314	'109304235_/87090027_1'	3.33		3.33	3.33	0.61	1.2	3.33	3.29 No	0.61 Thermal Discharging
SAK321	315	'87090187_/87090184'		10	10	10	1.84	10	10	9.88 No	1.84 Thermal Discharging
SAK321	316	'87090206_/87090203'		10	10	10	1.84	10	10	9.88 No	1.84 Thermal Discharging
SAK321	317	'87090030_/87090027_2'	3.33		3.33	3.33	0.61	1.2	3.33	3.29 No	0.61 Thermal Discharging
SAK321	318	'4672403_/4677297'		10	10	10	1.84	10	10	9.88 No	1.84 Thermal Discharging
SAK321	319	'67387196_/67387173'		10	10	10	2.05	10	10	2.4 No	2.05 Thermal Discharging
SAK321	320	'87090225_/87090222'		10	10	10	1.84	10	10	9.88 No	1.84 Thermal Discharging
SAK321	321	'87090244_/87090241'		10	10	10	1.84	10	10	9.88 No	1.84 Thermal Discharging
SAK321	322	'88037582_/87090266_1'	3.33		3.33	3.33	0.61	1.2	3.33	3.29 No	0.61 Thermal Discharging
SAK321	323	'87089911_/87089908_2'	3.33		3.33	3.33	0.61	1.2	3.33	3.29 No	0.61 Thermal Discharging
SAK321	324	'103726111_/103726144'		10	10	10	1.84	4.9	10	9.88 No	1.84 Thermal Discharging
SAK321	325	'87090378_/87090375'		10	10	10	1.84	10	10	9.88 No	1.84 Thermal Discharging
SAK321	326	'4677637_/43558673'	3.33		3.33	3.33	0.61	1.2	3.33	3.29 No	0.61 Thermal Discharging
SAK321	327	'87090397_/87090394'		10	10	10	1.84	10	10	9.88 No	1.84 Thermal Discharging
SAK321	328	'4672404_/4672401'		10	10	10	1.84	10	10	9.88 No	1.84 Thermal Discharging
SAK321	329	'107471044_/107470933_1'		10	10	10	1.84	2.2	10	9.88 No	1.84 Thermal Discharging
SAK321	330	'87090416_/87090413'		10	10	10	1.84	10	10	9.88 No	1.84 Thermal Discharging
SAK321	331	'67387222_/67387199'		10	10	10	2.05	10	10	2.4 No	2.05 Thermal Discharging
SAK321	332	'88037574_/87090438_1'	3.33		3.33	3.33	0.61	1.2	3.33	3.29 No	0.61 Thermal Discharging
SAK321	333	'87090045_/87090042'	3.33		3.33	3.33	0.61	1.2	3.33	3.29 No	0.61 Thermal Discharging
SAK321	334	'87090620_/87090617'		10	10	10	1.84	10	10	9.88 No	1.84 Thermal Discharging
SAK321	335	'88239990_/92102859_1'		10	10	10	1.84	3.7	10	9.88 No	1.84 Thermal Discharging
SAK321	336	'87090269_/87090266_2'	3.33		3.33	3.33	0.61	1.2	3.33	3.29 No	0.61 Thermal Discharging
SAK321	337	'43558645_/43558649'	3.33		3.33	3.33	0.61	0.7	3.33	3.29 No	0.61 Thermal Discharging
SAK321	338	'9227996_/9541350'	3.33		3.33	3.33	0.61	1.2	3.33	3.29 No	0.61 Thermal Discharging
SAK321	339	'87090645_/87090642'		10	10	10	1.84	10	10	9.88 No	1.84 Thermal Discharging
SAK321	340	'4672421_/4672418'	3.33		3.33	3.33	0.61	3.33	3.33	3.29 No	0.61 Thermal Discharging
SAK321	341	'88037747_/61266889_1'	3.33		3.33	3.33	0.61	1.2	3.33	3.29 No	0.61 Thermal Discharging
SAK321	342	'43558170_/4676292'		10	10	10	1.84	10	10	9.88 No	1.84 Thermal Discharging
SAK321	343	'87090664_/87090661'		10	10	10	1.84	10	10	9.88 No	1.84 Thermal Discharging
SAK321	344	'109304176_/87090789_1'	3.33		3.33	3.33	0.61	1.2	3.33	3.29 No	0.61 Thermal Discharging
SAK321	345	'88037409_/87090680'		10	10	10	1.84	10	10	9.88 No	1.84 Thermal Discharging
SAK321	346	'87090683_/88037411'		10	10	10	1.84	10	10	9.88 No	1.84 Thermal Discharging
SAK321	347	'87090441_/87090438_2'	3.33		3.33	3.33	0.61	1.2	3.33	3.29 No	0.61 Thermal Discharging
SAK321	348	'88037480_/106263950_1'	3.33		3.33	3.33	0.61	0.7	3.33	3.29 No	0.61 Thermal Discharging
SAK321	349	'410232959_/410232869_1'	3.33		3.33	3.33	0.61	0.7	3.33	3.29 No	0.61 Thermal Discharging
SAK321	350	'88037457_/146197825_1'	3.33		3.33	3.33	0.61	0.7	3.33	3.29 No	0.61 Thermal Discharging
SAK321	351	'87090702_/87090699'		10	10	10	1.84	10	10	9.88 No	1.84 Thermal Discharging
SAK321	352	'68822405_/68822410'		10	10	10	1.84	10	10	9.88 No	1.84 Thermal Discharging
SAK321	353	'423735358_/68822482_1'		10	10	10	1.84	10	10	9.88 No	1.84 Thermal Discharging
SAK321	354	'87090792_/87090789_2'	3.33		3.33	3.33	0.61	1.2	3.33	3.29 No	0.61 Thermal Discharging
SAK321	355	'87090284_/87090281'	3.33		3.33	3.33	0.61	1.2	3.33	3.29 No	0.61 Thermal Discharging
SAK321	356	'107470922_/107470933_2'		10	10	10	1.84	2.2	10	9.88 No	1.84 Thermal Discharging
SAK321	357	'87090721_/87090718'		10	10	10	1.84	10	10	9.88 No	1.84 Thermal Discharging
SAK321	358	'87090060_/87090005'	3.33		3.33	3.33	0.61	1.2	3.33	3.29 No	0.61 Thermal Discharging
SAK321	359	'151591532_/157064438'		10	10	10	1.84	10	10	9.88 No	1.84 Thermal Discharging
SAK321	360	'4676311_/4676326'		10	10	10	1.84	10	10	9.88 No	1.84 Thermal Discharging
SAK321	361	'151591573_/150266809_1'		10	10	10	1.84	3.7	10	9.88 No	1.84 Thermal Discharging
SAK321	362	'325895108_/87090737'		10	10	10	1.84	10	10	9.88 No	1.84 Thermal Discharging
SAK321	363	'7334303_/7334301_1'		10	10	10	1.84	2.3	10	9.88 No	1.84 Thermal Discharging
SAK321	364	'410232872_/410232869_2'	3.33		3.33	3.33	0.61	0.7	3.33	3.29 No	0.61 Thermal Discharging
SAK321	365	'7334304_/7334301_2'		10	10	10	1.84	2.3	10	9.88 No	1.84 Thermal Discharging
SAK321	366	'325895185_/325895182'		10	10	10	1.84	10	10	9.88 No	1.84 Thermal Discharging
SAK321	367	'123938619_/67387251'		10	10	10	2.05	10	10	2.4 No	2.05 Thermal Discharging
SAK321	368	'4676312_/4676309'		10	10	10	1.84	10	10	9.88 No	1.84 Thermal Discharging
SAK321	369	'7968749_/7968747_1'		10	10	10	1.84	2.5	10	9.88 No	1.84 Thermal Discharging
SAK321	370	'7334021_/7334019'	3.33		3.33	3.33	0.61	0.7	3.33	3.29 No	0.61 Thermal Discharging
SAK321	371	'40372394_/9079955'	3.33		3.33	3.33	0.61	1.2	3.33	3.29 No	0.61 Thermal Discharging
SAK321	372	'103726027_/103726122'		10	10	10	1.84	4.9	10	9.88 No	1.84 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SAK321	373	'107470957_/107470966'	10	10	10	1.84	2.2	10	9.88 No	1.84	Thermal Discharging
SAK321	374	'325895205_/325895202'	10	10	10	1.84	10	10	9.88 No	1.84	Thermal Discharging
SAK321	375	'535746253_/535746205_1'	10	10	10	1.84	3.6	10	9.88 No	1.84	Thermal Discharging
SAK321	376	'325895225_/325895222'	10	10	10	1.84	10	10	9.88 No	1.84	Thermal Discharging
SAK321	377	'4676784_/4676781'	10	10	10	1.84	10	10	9.88 No	1.84	Thermal Discharging
SAK321	378	'9058931_/9227994'	3.33	3.33	3.33	0.61	1.2	3.33	3.29 No	0.61	Thermal Discharging
SAK321	379	'61266882_/61266889_2'	3.33	3.33	3.33	0.61	1.2	3.33	3.29 No	0.61	Thermal Discharging
SAK321	380	'386043399_/386043396'	10	10	10	1.84	10	10	9.88 No	1.84	Thermal Discharging
SAK321	381	'150266791_/150266809_2'	10	10	10	1.84	3.7	10	9.88 No	1.84	Thermal Discharging
SAK321	382	'386043454_/386043414'	10	10	10	1.84	10	10	9.88 No	1.84	Thermal Discharging
SAK321	383	'325895245_/325895242'	10	10	10	1.84	10	10	9.88 No	1.84	Thermal Discharging
SAK321	384	'101987400_/101987405'	10	10	10	1.84	4.9	10	9.88 No	1.84	Thermal Discharging
SAK321	385	'7968697_/7968695'	3.33	3.33	3.33	0.61	0.7	3.33	3.29 No	0.61	Thermal Discharging
SAK321	386	'325895287_/325895268'	10	10	10	1.84	10	10	9.88 No	1.84	Thermal Discharging
SAK321	387	'386215797_/386215794'	10	10	10	1.84	10	10	9.88 No	1.84	Thermal Discharging
SAK321	388	'123938495_/123938621'	10	10	10	2.05	10	10	2.4 No	2.05	Thermal Discharging
SAK321	389	'106263939_/106263950_2'	3.33	3.33	3.33	0.61	0.7	3.33	3.29 No	0.61	Thermal Discharging
SAK321	390	'101987448_/101987496'	10	10	10	1.84	4.9	10	9.88 No	1.84	Thermal Discharging
SAK321	391	'43558275_/148969230'	10	10	10	1.84	10	10	9.88 No	1.84	Thermal Discharging
SAK321	392	'386043578_/386215812'	10	10	10	1.84	10	10	9.88 No	1.84	Thermal Discharging
SAK321	393	'149071001_/149043979_1'	3.33	3.33	3.33	0.61	1.2	3.33	3.29 No	0.61	Thermal Discharging
SAK321	394	'415934881_/386043782_1'	10	10	10	1.84	10	10	9.88 No	1.84	Thermal Discharging
SAK321	395	'429051485_/9712996'	10	10	10	1.84	4.9	10	9.88 No	1.84	Thermal Discharging
SAK321	396	'123938544_/123938541'	10	10	10	2.05	10	10	2.4 No	2.05	Thermal Discharging
SAK321	397	'9085559_/429051483'	10	10	10	1.84	4.9	10	9.88 No	1.84	Thermal Discharging
SAK321	398	'148969247_/148969245'	10	10	10	1.84	10	10	9.88 No	1.84	Thermal Discharging
SAK321	399	'8449270_/439325906'	10	10	10	1.84	4.9	10	9.88 No	1.84	Thermal Discharging
SAK321	400	'149043982_/149043979_2'	3.33	3.33	3.33	0.61	1.2	3.33	3.29 No	0.61	Thermal Discharging
SAK321	401	'4671853_/4672378'	3.33	3.33	3.33	0.61	3.33	3.33	3.29 No	0.61	Thermal Discharging
SAK321	402	'392302253_/4671952_2'	3.33	3.33	3.33	0.61	3.33	3.33	3.29 No	0.61	Thermal Discharging
SAK321	403	'4671909_/4672674_1'	3.33	3.33	3.33	0.61	1.2	3.33	3.29 No	0.61	Thermal Discharging
SAK321	404	'43558286_/148969264'	10	10	10	1.84	10	10	9.88 No	1.84	Thermal Discharging
SAK321	405	'149053893_/149053890'	10	10	10	1.84	10	10	9.88 No	1.84	Thermal Discharging
SAK321	406	'150266829_/150266847'	10	10	10	1.84	3.7	10	9.88 No	1.84	Thermal Discharging
SAK321	407	'43558120_/4671952_1'	3.33	3.33	3.33	0.61	1.2	3.33	3.29 No	0.61	Thermal Discharging
SAK321	408	'43558658_/43558660'	3.33	3.33	3.33	0.61	0.7	3.33	3.29 No	0.61	Thermal Discharging
SAK321	409	'351170782_/148872257_1'	10	10	10	1.84	2.3	10	9.88 No	1.84	Thermal Discharging
SAK321	410	'149070886_/336541046'	10	10	10	1.84	10	10	9.88 No	1.84	Thermal Discharging
SAK321	411	'4671937_/4671935'	3.33	3.33	3.33	0.61	1.2	3.33	3.29 No	0.61	Thermal Discharging
SAK321	412	'43558231_/4672674_2'	3.33	3.33	3.33	0.61	1.2	3.33	3.29 No	0.61	Thermal Discharging
SAK321	413	'9058932_/49966199'	3.33	3.33	3.33	0.61	1.2	3.33	3.29 No	0.61	Thermal Discharging
SAK321	414	'7334423_/7334421_2'	3.33	3.33	3.33	0.61	3.33	3.33	3.29 No	0.61	Thermal Discharging
SAK321	415	'8449271_/101987526'	10	10	10	1.84	4.9	10	9.88 No	1.84	Thermal Discharging
SAK321	416	'149053849_/336541071'	10	10	10	1.84	10	10	9.88 No	1.84	Thermal Discharging
SAK321	417	'61697284_/4671851_1'	3.33	3.33	3.33	0.61	1.2	3.33	3.29 No	0.61	Thermal Discharging
SAK321	418	'4671879_/4671851_2'	3.33	3.33	3.33	0.61	1.2	3.33	3.29 No	0.61	Thermal Discharging
SAK321	419	'336541096_/336541093'	10	10	10	1.84	10	10	9.88 No	1.84	Thermal Discharging
SAK321	420	'123938434_/123938560'	10	10	10	2.05	10	10	2.4 No	2.05	Thermal Discharging
SAK321	421	'351170810_/336541834_2'	3.33	3.33	3.33	0.61	2.6	3.33	3.29 No	0.61	Thermal Discharging
SAK321	422	'43558087_/4672661'	3.33	3.33	3.33	0.61	1.2	3.33	3.29 No	0.61	Thermal Discharging
SAK321	423	'9228283_/9228280'	10	10	10	1.84	2.3	10	9.88 No	1.84	Thermal Discharging
SAK321	424	'79688934_/101987381'	10	10	10	1.84	4.9	10	9.88 No	1.84	Thermal Discharging
SAK321	425	'336541421_/336541407'	10	10	10	1.84	10	10	9.88 No	1.84	Thermal Discharging
SAK321	426	'40370906_/44099694'	3.33	3.33	3.33	0.61	1.2	3.33	3.29 No	0.61	Thermal Discharging
SAK321	427	'79688371_/7968747_2'	10	10	10	1.84	2.5	10	9.88 No	1.84	Thermal Discharging
SAK321	428	'212105882_/212105879'	3.33	3.33	3.33	0.61	1.2	3.33	3.29 No	0.61	Thermal Discharging
SAK321	429	'336541502_/336541499'	10	10	10	1.84	10	10	9.88 No	1.84	Thermal Discharging
SAK321	430	'88240030_/92102859_2'	10	10	10	1.84	3.7	10	9.88 No	1.84	Thermal Discharging
SAK321	431	'336541530_/336541528'	10	10	10	1.84	10	10	9.88 No	1.84	Thermal Discharging
SAK321	432	'535746345_/150266886'	10	10	10	1.84	3.7	10	9.88 No	1.84	Thermal Discharging
SAK321	433	'336541832_/336541834_1'	3.33	3.33	3.33	0.61	1.2	3.33	3.29 No	0.61	Thermal Discharging
SAK321	434	'148872239_/148872257_2'	10	10	10	1.84	2.3	10	9.88 No	1.84	Thermal Discharging
SAK321	435	'64187606_/64187609'	10	10	10	1.84	2.5	10	9.88 No	1.84	Thermal Discharging
SAK321	436	'8762526_/9396442'	3.33	3.33	3.33	0.61	1.2	3.33	3.29 No	0.61	Thermal Discharging
SAK321	437	'336541551_/336541548'	10	10	10	1.84	10	10	9.88 No	1.84	Thermal Discharging
SAK321	438	'385505800_/385505749_1'	10	10	10	1.84	3.7	10	9.88 No	1.84	Thermal Discharging
SAK321	439	'4672217_/4672214'	3.33	3.33	3.33	0.61	0.9	3.33	3.29 No	0.61	Thermal Discharging
SAK321	440	'336541571_/336541568'	10	10	10	1.84	10	10	9.88 No	1.84	Thermal Discharging
SAK321	441	'67387410_/67387387'	10	10	10	2.05	10	10	2.4 No	2.05	Thermal Discharging
SAK321	442	'4672664_/43558089'	3.33	3.33	3.33	0.61	1.2	3.33	3.29 No	0.61	Thermal Discharging
SAK321	443	'4673114_/4673112'	3.33	3.33	3.33	0.61	1.2	3.33	3.29 No	0.61	Thermal Discharging
SAK321	444	'4667160_/336541610'	10	10	10	1.84	10	10	9.88 No	1.84	Thermal Discharging
SAK321	445	'106264036_/106264047'	3.33	3.33	3.33	0.61	0.7	3.33	3.29 No	0.61	Thermal Discharging
SAK321	446	'212105898_/212105895'	3.33	3.33	3.33	0.61	1.2	3.33	3.29 No	0.61	Thermal Discharging
SAK321	447	'391753557_/4667158_1'	3.33	3.33	3.33	0.61	1.2	3.33	3.29 No	0.61	Thermal Discharging
SAK321	448	'453199352_/453199292_2'	10	10	10	1.84	10	10	9.88 No	1.84	Thermal Discharging
SAK321	449	'453199290_/453199292_1'	10	10	10	1.84	10	10	9.88 No	1.84	Thermal Discharging
SAK321	450	'7649156_/8913365'	3.33	3.33	3.33	0.61	0.7	3.33	3.29 No	0.61	Thermal Discharging
SAK321	451	'452593293_/453199350_1'	10	10	10	1.84	3.7	10	9.88 No	1.84	Thermal Discharging
SAK321	452	'336541681_/336541679'	10	10	10	1.84	10	10	9.88 No	1.84	Thermal Discharging
SAK321	453	'392451416_/392451258_1'	10	10	10	1.84	3.7	10	9.88 No	1.84	Thermal Discharging
SAK321	454	'64187649_/64187656'	10	10	10	1.84	2.5	10	9.88 No	1.84	Thermal Discharging
SAK321	455	'44063375_/43558621'	10	10	10	1.84	3.8	10	9.88 No	1.84	Thermal Discharging
SAK321	456	'7334424_/7334421_1'	3.33	3.33	3.33	0.61	1.2	3.33	3.29 No	0.61	Thermal Discharging
SAK321	457	'65539327_/65539330'	3.33	3.33	3.33	0.61	1.2	3.33	3.29 No	0.61	Thermal Discharging
SAK321	458	'4673130_/43558255'	3.33	3.33	3.33	0.61	1.2	3.33	3.29 No	0.61	Thermal Discharging
SAK321	459	'67387416_/67387413'	10	10	10	2.05	10	10	2.4 No	2.05	Thermal Discharging
SAK321	460	'535746189_/535746363'	10	10	10	1.84	3.7	10	9.88 No	1.84	Thermal Discharging
SAK321	461	'149041239_/149041257'	10	10	10	1.84	2.3	10	9.88 No	1.84	Thermal Discharging
SAK321	462	'7968483_/8593696'	3.33	3.33	3.33	0.61	0.7	3.33	3.29 No	0.61	Thermal Discharging
SAK321	463	'43558220_/4672703'	3.33	3.33	3.33	0.61	1.2	3.33	3.29 No	0.61	Thermal Discharging
SAK321	464	'230502718_/4672230'	3.33	3.33	3.33	0.61	1.2	3.33	3.29 No	0.61	Thermal Discharging
SAK321	465	'351170097_/4667158_2'	3.33	3.33	3.33	0.61	1.2	3.33	3.29 No	0.61	Thermal Discharging
SAK321	466	'88240017_/88240075'	10	10	10	1.84	3.7	10	9.88 No	1.84	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SAK321	467	'7156914_/_7156912'	3.33	3.33	3.33	0.61	0.7	3.33	3.29 No	0.61	Thermal Discharging
SAK321	468	'7968484_/_7968481'	3.33	3.33	3.33	0.61	0.7	3.33	3.29 No	0.61	Thermal Discharging
SAK321	469	'64187567_/_64187670'	10	10	10	1.84	2.5	10	9.88 No	1.84	Thermal Discharging
SAK321	470	'7968933_/_7968931'	10	10	10	1.84	4.9	10	9.88 No	1.84	Thermal Discharging
SAK321	471	'212105914_/_212105911'	3.33	3.33	3.33	0.61	1.2	3.33	3.29 No	0.61	Thermal Discharging
SAK321	472	'151109417_/_149041296'	10	10	10	1.84	2.3	10	9.88 No	1.84	Thermal Discharging
SAK321	473	'385505342_/_385505749_2'	10	10	10	1.84	3.7	10	9.88 No	1.84	Thermal Discharging
SAK321	474	'456870680_/_67387450'	10	10	10	2.05	10	10	2.39 No	2.05	Thermal Discharging
SAK321	475	'393158904_/_393158901'	10	10	10	1.84	3.7	10	9.88 No	1.84	Thermal Discharging
SAK321	476	'106264071_/_106264082'	3.33	3.33	3.33	0.61	0.7	3.33	3.29 No	0.61	Thermal Discharging
SAK321	477	'4667161_/_351170099'	3.33	3.33	3.33	0.61	1.2	3.33	3.29 No	0.61	Thermal Discharging
SAK321	478	'7649155_/_7649153'	3.33	3.33	3.33	0.61	0.7	3.33	3.29 No	0.61	Thermal Discharging
SAK321	479	'43558098_/_4672690'	3.33	3.33	3.33	0.61	1.2	3.33	3.29 No	0.61	Thermal Discharging
SAK321	480	'88240096_/_88240105'	10	10	10	1.84	3.7	10	9.88 No	1.84	Thermal Discharging
SAK321	481	'38872166_/_44099386'	3.33	3.33	3.33	0.61	1.2	3.33	3.29 No	0.61	Thermal Discharging
SAK321	482	'9078423_/_44092632'	3.33	3.33	3.33	0.61	1.2	3.33	3.29 No	0.61	Thermal Discharging
SAK321	483	'627362920_/_453199350_2'	10	10	10	1.84	3.7	10	9.88 No	1.84	Thermal Discharging
SAK321	484	'602669135_/_627362944'	10	10	10	1.84	3.7	10	9.88 No	1.84	Thermal Discharging
SAK321	485	'456870651_/_67387480'	10	10	10	2.05	10	10	2.39 No	2.05	Thermal Discharging
SAK321	486	'385047991_/_385048004'	10	10	10	1.84	2.3	10	9.88 No	1.84	Thermal Discharging
SAK321	487	'456870969_/_456870577_1'	10	10	10	2.05	2.2	10	2.39 No	2.05	Thermal Discharging
SAK321	488	'8444608_/_8762524'	3.33	3.33	3.33	0.61	1.2	3.33	3.29 No	0.61	Thermal Discharging
SAK321	489	'212105930_/_212105927'	3.33	3.33	3.33	0.61	1.2	3.33	3.29 No	0.61	Thermal Discharging
SAK321	490	'385048030_/_385048040'	6.67	6.67	6.67	1.23	1.53	6.67	6.59 No	1.23	Thermal Discharging
SAK321	491	'456870607_/_456870577_2'	10	10	10	2.05	2.2	10	2.39 No	2.05	Thermal Discharging
SAK321	492	'9228371_/_9228368'	3.33	3.33	3.33	0.61	1.2	3.33	3.29 No	0.61	Thermal Discharging
SAK321	493	'456871031_/_143995188'	10	10	10	2.05	10	10	2.39 No	2.05	Thermal Discharging
SAK321	494	'9541398_/_9541412'	3.33	3.33	3.33	0.61	0.7	3.33	3.29 No	0.61	Thermal Discharging
SAK321	495	'456870720_/_143995155_1'	10	10	10	0	10	10	10 No	0	Thermal Discharging
SAK321	496	'456871212_/_86889683'	10	10	10	2.05	10	10	2.39 No	2.05	Thermal Discharging
SAK321	497	'65815440_/_456871258'	10	10	10	2.05	10	10	2.39 No	2.05	Thermal Discharging
SAK321	498	'4671921_/_43558100'	3.33	3.33	3.33	0.61	1.2	3.33	3.29 No	0.61	Thermal Discharging
SAK321	499	'65815540_/_65815464_1'	10	10	10	2.05	2.2	10	2.39 No	2.05	Thermal Discharging
SAK321	500	'71830043_/_8283628_1'	3.33	3.33	3.33	0.61	0.7	3.33	3.29 No	0.61	Thermal Discharging
SAK321	501	'4671922_/_4671919'	3.33	3.33	3.33	0.61	1.2	3.33	3.29 No	0.61	Thermal Discharging
SAK321	502	'7334472_/_8283808'	3.33	3.33	3.33	0.61	0.7	3.33	3.29 No	0.61	Thermal Discharging
SAK321	503	'385048167_/_385048177'	10	10	10	1.84	2.3	10	9.88 No	1.84	Thermal Discharging
SAK321	504	'212105946_/_212105943'	3.33	3.33	3.33	0.61	1.2	3.33	3.29 No	0.61	Thermal Discharging
SAK321	505	'119361351_/_119361360'	10	10	10	1.84	3.7	10	9.88 No	1.84	Thermal Discharging
SAK321	506	'558756923_/_106264117'	3.33	3.33	3.33	0.61	0.7	3.33	3.29 No	0.61	Thermal Discharging
SAK321	507	'469703279_/_469703262'	10	10	10	1.84	2.3	10	9.88 No	1.84	Thermal Discharging
SAK321	508	'558756886_/_558756943'	3.33	3.33	3.33	0.61	0.7	3.33	3.29 No	0.61	Thermal Discharging
SAK321	509	'67387533_/_65815464_2'	10	10	10	2.05	2.2	10	2.39 No	2.05	Thermal Discharging
SAK321	510	'602669169_/_602669199'	10	10	10	1.84	3.7	10	9.88 No	1.84	Thermal Discharging
SAK321	511	'469703306_/_469703283'	6.67	6.67	6.67	1.23	1.53	6.67	6.59 No	1.23	Thermal Discharging
SAK321	512	'106264106_/_558756906'	3.33	3.33	3.33	0.61	0.7	3.33	3.29 No	0.61	Thermal Discharging
SAK321	513	'65815488_/_65815497'	10	10	10	2.05	2.2	10	2.39 No	2.05	Thermal Discharging
SAK321	514	'212105962_/_212105959'	3.33	3.33	3.33	0.61	1.2	3.33	3.29 No	0.61	Thermal Discharging
SAK321	515	'8283631_/_8283628_2'	3.33	3.33	3.33	0.61	0.7	3.33	3.29 No	0.61	Thermal Discharging
SAK321	516	'40670702_/_8412616'	10	10	10	1.84	2.5	10	9.88 No	1.84	Thermal Discharging
SAK321	517	'469703382_/_469703310'	10	10	10	1.84	2.3	10	9.88 No	1.84	Thermal Discharging
SAK321	518	'9541667_/_9541664'	3.33	3.33	3.33	0.61	1.2	3.33	3.29 No	0.61	Thermal Discharging
SAK321	519	'109444589_/_8444606'	3.33	3.33	3.33	0.61	1.2	3.33	3.29 No	0.61	Thermal Discharging
SAK321	520	'469703254_/_469703417'	10	10	10	1.84	2.3	10	9.88 No	1.84	Thermal Discharging
SAK321	521	'469703413_/_469703386'	6.67	6.67	6.67	1.23	1.53	6.67	6.59 No	1.23	Thermal Discharging
SAK321	522	'7334471_/_7334469'	3.33	3.33	3.33	0.61	0.7	3.33	3.29 No	0.61	Thermal Discharging
SAK321	523	'34589788_/_9078421'	3.33	3.33	3.33	0.61	1.2	3.33	3.29 No	0.61	Thermal Discharging
SAK321	524	'9541399_/_9541396'	3.33	3.33	3.33	0.61	0.7	3.33	3.29 No	0.61	Thermal Discharging
SAK321	525	'143995144_/_143995155_2'	10	10	10	0	10	10	10 No	0	Thermal Discharging
SAK321	526	'453199340_/_602669173'	10	10	10	1.84	3.7	10	9.88 No	1.84	Thermal Discharging
SAK321	527	'8913561_/_8913559'	3.33	3.33	3.33	0.61	0.7	3.33	3.29 No	0.61	Thermal Discharging
SAK321	528	'44101369_/_44101366'	10	10	10	1.84	2.5	10	9.88 No	1.84	Thermal Discharging
SAK321	529	'8433712_/_9541680'	3.33	3.33	3.33	0.61	1.2	3.33	3.29 No	0.61	Thermal Discharging
SAK321	530	'497405461_/_484974015'	10	10	10	1.84	2.3	10	9.88 No	1.84	Thermal Discharging
SAK321	531	'549489086_/_549489090'	10	10	10	1.84	2.3	10	9.88 No	1.84	Thermal Discharging
SAK321	532	'4672249_/_4672246'	3.33	3.33	3.33	0.61	1.2	3.33	3.29 No	0.61	Thermal Discharging
SAK321	533	'8433713_/_8433710'	3.33	3.33	3.33	0.61	1.2	3.33	3.29 No	0.61	Thermal Discharging
SAK321	534	'8913184_/_9541428'	3.33	3.33	3.33	0.61	0.7	3.33	3.29 No	0.61	Thermal Discharging
SAK321	535	'549489046_/_549489153'	10	10	10	1.84	2.3	10	9.88 No	1.84	Thermal Discharging
SAK321	536	'8913183_/_8913181'	3.33	3.33	3.33	0.61	0.7	3.33	3.29 No	0.61	Thermal Discharging
SAK321	537	'392451209_/_392451258_2'	10	10	10	1.84	3.7	10	9.88 No	1.84	Thermal Discharging
SAK321	538	'445885299_/_445885318'	10	10	10	1.84	3.7	10	9.88 No	1.84	Thermal Discharging
SAK321	539	'43558600_/_44063377'	10	10	10	1.84	3.8	10	9.88 No	1.84	Thermal Discharging
SAK321	540	'106264141_/_106264152'	3.33	3.33	3.33	0.61	0.7	3.33	3.29 No	0.61	Thermal Discharging
SAK321	541	'549489014_/_549489062'	10	10	10	1.84	2.3	10	9.88 No	1.84	Thermal Discharging
SAK321	542	'8283683_/_9228024'	3.33	3.33	3.33	0.61	0.7	3.33	3.29 No	0.61	Thermal Discharging
SAK321	543	'7156898_/_43558604_1'	10	10	10	1.84	3.8	10	9.88 No	1.84	Thermal Discharging
SAK321	544	'7156885_/_50741693_2'	3.33	3.33	3.33	0.61	1.27	3.33	3.29 No	0.61	Thermal Discharging
SAK321	545	'34549063_/_50741693_1'	3.33	3.33	3.33	0.61	1.2	3.33	3.29 No	0.61	Thermal Discharging
SAK321	546	'518900598_/_484974048'	10	10	10	1.84	2.3	10	9.88 No	1.84	Thermal Discharging
SAK321	547	'34589962_/_63580956'	3.33	3.33	3.33	0.61	1.2	3.33	3.29 No	0.61	Thermal Discharging
SAK321	548	'518900580_/_518900644'	10	10	10	1.84	2.3	10	9.88 No	1.84	Thermal Discharging
SAK321	549	'8283682_/_8283680'	3.33	3.33	3.33	0.61	0.7	3.33	3.29 No	0.61	Thermal Discharging
SAK321	550	'40367938_/_8433726'	3.33	3.33	3.33	0.61	1.2	3.33	3.29 No	0.61	Thermal Discharging
SAK321	551	'43558528_/_43558604_2'	10	10	10	1.84	3.8	10	9.88 No	1.84	Thermal Discharging
SAK321	552	'9228178_/_9228176'	3.33	3.33	3.33	0.61	0.7	3.33	3.29 No	0.61	Thermal Discharging
SAK321	553	'392451294_/_392451291'	10	10	10	1.84	3.7	10	9.88 No	1.84	Thermal Discharging
SAK321	554	'445885346_/_445885365'	10	10	10	1.84	3.7	10	9.88 No	1.84	Thermal Discharging
SAK321	555	'44082348_/_44082345'	3.33	3.33	3.33	0.61	1.2	3.33	3.29 No	0.61	Thermal Discharging
SAK321	556	'88798244_/_453150769'	3.33	3.33	3.33	0.61	1.23	3.33	3.29 No	0.61	Thermal Discharging
SAK321	557	'518900514_/_518900660'	10	10	10	1.84	2.3	10	9.88 No	1.84	Thermal Discharging
SAK321	558	'146197940_/_106264195'	3.33	3.33	3.33	0.61	0.7	3.33	3.29 No	0.61	Thermal Discharging
SAK321	559	'146197907_/_146197983'	3.33	3.33	3.33	0.61	0.7	3.33	3.29 No	0.61	Thermal Discharging
SAK321	560	'40673571_/_44098626'	3.33	3.33	3.33	0.61	1.2	3.33	3.29 No	0.61	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SAK321	561	'8593682_/8913165'		3.33	3.33	3.33	0.61	0.7	3.33	3.29 No	0.61 Thermal Discharging
SAK321	562	'106264184_/146197913'		3.33	3.33	3.33	0.61	0.7	3.33	3.29 No	0.61 Thermal Discharging
SAK321	563	'7334220_/9228192'		3.33	3.33	3.33	0.61	0.7	3.33	3.29 No	0.61 Thermal Discharging
SAK321	564	'54357908_/54357915'		3.33	3.33	3.33	0.61	1.2	3.33	3.29 No	0.61 Thermal Discharging
SAK321	565	'7334038_/8593680'		3.33	3.33	3.33	0.61	0.7	3.33	3.29 No	0.61 Thermal Discharging
SAK321	566	'518900532_/518900562'		10	10	10	1.84	2.3	10	9.88 No	1.84 Thermal Discharging
SAK321	567	'8433729_/44102143'		3.33	3.33	3.33	0.61	1.2	3.33	3.29 No	0.61 Thermal Discharging
SAK321	568	'106264264_/106264275'		3.33	3.33	3.33	0.61	0.7	3.33	3.29 No	0.61 Thermal Discharging
SAK321	569	'7334037_/7334035'		3.07	3.33	3.33	0.61	0.7	3.33	3.29 No	0.61 Thermal Discharging
SAK321	570	'484974032_/518900536'		10	10	10	1.84	2.3	10	9.88 No	1.84 Thermal Discharging
SAK321	571	'7334219_/7334217'		3.33	3.33	3.33	0.61	0.7	3.33	3.29 No	0.61 Thermal Discharging
SAK321	572	'532703166_/484974064'		10	10	10	1.84	2.3	10	9.88 No	1.84 Thermal Discharging
SAK321	573	'417470827_/417470814_2'		3.33	3.33	3.33	0.61	0.7	3.33	3.29 No	0.61 Thermal Discharging
SAK321	574	'146197853_/106264290'		3.33	3.33	3.33	0.61	0.7	3.33	3.29 No	0.61 Thermal Discharging
SAK321	575	'146197819_/146197896'		3.33	3.33	3.33	0.61	0.7	3.33	3.29 No	0.61 Thermal Discharging
SAK321	576	'469703333_/469703349'		3.33	3.33	3.33	0.61	0.77	3.33	3.29 No	0.61 Thermal Discharging
SAK321	577	'385048078_/385048097'		3.33	3.33	3.33	0.61	0.77	3.33	3.29 No	0.61 Thermal Discharging
SAK321	578	'484974114_/532703170'		10	10	10	1.84	2.3	10	9.88 No	1.84 Thermal Discharging
SAK321	579	'385048117_/385048136'		3.33	3.33	3.33	0.61	0.77	3.33	3.29 No	0.61 Thermal Discharging
SAK321	580	'469703440_/469703456'		3.33	3.33	3.33	0.61	0.77	3.33	3.29 No	0.61 Thermal Discharging
SAK321	581	'43558511_/43558534'		10	10	10	1.84	3.8	10	9.88 No	1.84 Thermal Discharging
SAK321	582	'7648996_/9541364'		2.6	3.33	3.33	0.61	0.7	3.33	3.29 No	0.61 Thermal Discharging
SAK321	583	'606347291_/602992240_1'		10	10	10	2.05	4.7	10	2.31 No	2.05 Thermal Discharging
SAK321	584	'7648995_/7648993'		2.33	3.33	3.33	0.61	0.7	3.33	3.29 No	0.61 Thermal Discharging
SAK321	585	'3969450_/602992240_2'		10	10	10	2.05	4.7	10	2.31 No	2.05 Thermal Discharging
SAK321	586	'3968395_/3969464'		10	10	10	2.05	4.7	10	2.3 No	2.05 Thermal Discharging
SAK321	587	'3968396_/3968393'		10	10	10	2.05	4.7	10	2.3 No	2.05 Thermal Discharging
SAK321	588	'8913135_/9541380'		2.07	3.33	3.33	0.61	0.7	3.33	3.29 No	0.61 Thermal Discharging
SAK321	589	'43558424_/43558517'		7.1	10	10	1.84	3.8	10	9.88 No	1.84 Thermal Discharging
SAK321	590	'3968416_/3968413'		10	10	10	2.05	4.7	10	2.3 No	2.05 Thermal Discharging
SAK321	591	'3968433_/3968430'		10	10	10	2.05	4.7	10	2.3 No	2.05 Thermal Discharging
SAK321	592	'8593667_/8913133'		1.87	3.33	3.33	0.61	0.7	3.33	3.29 No	0.61 Thermal Discharging
SAK321	593	'43419396_/3968447'		10	10	10	2.05	4.7	10	2.3 No	2.05 Thermal Discharging
SAK321	594	'3971831_/3971828'		10	10	10	2.05	4.7	10	2.3 No	2.05 Thermal Discharging
SAK321	595	'43419409_/3974398'		10	10	10	2.05	4.7	10	2.3 No	2.05 Thermal Discharging
SAK321	596	'8593666_/8593664'		1.7	3.33	3.33	0.61	0.7	3.33	3.29 No	0.61 Thermal Discharging
SAK321	597	'7149975_/43558430'		5.5	10	10	1.84	3.8	10	9.88 No	1.84 Thermal Discharging
SAK321	598	'7156859_/7156869_1'		1.83	3.33	3.33	0.61	0.7	3.33	3.29 No	0.61 Thermal Discharging
SAK321	599	'43558682_/7156869_2'		1.83	3.33	3.33	0.61	0.7	3.33	3.29 No	0.61 Thermal Discharging
SAK321	600	'8913151_/8913149'		1.53	3.33	3.33	0.61	0.7	3.33	3.29 No	0.61 Thermal Discharging
SAK321	601	'44063388_/7149996'		4.9	10	10	1.84	3.8	10	9.88 No	1.84 Thermal Discharging
SAK321	602	'9228010_/9228008'		1.43	3.33	3.33	0.61	0.7	3.33	3.29 No	0.61 Thermal Discharging
SAK321	603	'43558441_/43558684'		1.83	3.33	3.33	0.61	0.7	3.33	3.29 No	0.61 Thermal Discharging
SAK321	604	'49458116_/9400762_1'		1.4	3.33	3.33	0.61	1.2	3.33	3.29 No	0.61 Thermal Discharging
SAK321	605	'44063402_/44063390'		4.5	10	10	1.84	3.8	10	9.88 No	1.84 Thermal Discharging
SAK321	606	'63967731_/61344142_1'		4.5	10	10	1.84	2.2	10	9.88 No	1.84 Thermal Discharging
SAK321	607	'61344135_/61344142_2'		4.4	10	10	1.84	2.2	10	9.88 No	1.84 Thermal Discharging
SAK321	608	'43558457_/43558443'		1.73	3.33	3.33	0.61	0.7	3.33	3.29 No	0.61 Thermal Discharging
SAK321	609	'7149999_/44063404'		4.2	10	10	1.84	3.8	10	9.88 No	1.84 Thermal Discharging
SAK321	610	'9697848_/9697846_1'		4.2	10	10	1.84	2.3	10	9.88 No	1.84 Thermal Discharging
SAK321	611	'611648600_/108015879'		4.1	10	10	1.84	3.8	10	9.88 No	1.84 Thermal Discharging
SAK321	612	'611648677_/611648645_1'		4.1	10	10	1.84	2.2	10	9.88 No	1.84 Thermal Discharging
SAK321	613	'88385935_/611648604'		4.1	10	10	1.84	3.8	10	9.88 No	1.84 Thermal Discharging
SAK321	614	'108015882_/88385937'		4.1	10	10	1.84	3.8	10	9.88 No	1.84 Thermal Discharging
SAK321	615	'108015942_/108015918_1'		4.1	10	10	1.84	2.2	10	9.88 No	1.84 Thermal Discharging
SAK321	616	'39683473_/9697846_2'		4	10	10	1.84	2.3	10	9.88 No	1.84 Thermal Discharging
SAK321	617	'57355161_/44095336'		4	10	10	1.84	2.3	10	9.88 No	1.84 Thermal Discharging
SAK321	618	'57355197_/57355225'		3.9	10	10	1.84	2.3	10	9.88 No	1.84 Thermal Discharging
SAK321	619	'57355132_/57355204'		3.9	10	10	1.84	2.3	10	9.88 No	1.84 Thermal Discharging
SAK321	620	'57355141_/57355138'		3.9	10	10	1.84	2.3	10	9.88 No	1.84 Thermal Discharging
SAK321	621	'43558473_/43558461'		1.57	3.33	3.33	0.61	0.7	3.33	3.29 No	0.61 Thermal Discharging
SAK321	622	'108015907_/108015918_2'		3.9	10	10	1.84	2.2	10	9.88 No	1.84 Thermal Discharging
SAK321	623	'108015962_/108015971'		3.8	10	10	1.84	2.2	10	9.88 No	1.84 Thermal Discharging
SAK321	624	'611648629_/611648645_2'		3.8	10	10	1.84	2.2	10	9.88 No	1.84 Thermal Discharging
SAK321	625	'716176433_/444600824'		3.8	10	10	1.84	2.2	10	9.88 No	1.84 Thermal Discharging
SAK321	626	'716176399_/716176463'		3.8	10	10	1.84	2.2	10	9.88 No	1.84 Thermal Discharging
SAK321	627	'611648723_/611648739'		1.27	3.33	3.33	0.61	0.73	3.33	3.29 No	0.61 Thermal Discharging
SAK321	628	'430163403_/358605588'		3.7	10	10	1.84	2.3	10	9.88 No	1.84 Thermal Discharging
SAK321	629	'716176367_/716176415'		3.7	10	10	1.84	2.2	10	9.88 No	1.84 Thermal Discharging
SAK321	630	'611649078_/611648881_1'		1.23	3.33	3.33	0.61	1.2	3.33	3.29 No	0.61 Thermal Discharging
SAK321	631	'611648755_/611648771'		1.27	3.33	3.33	0.61	0.73	3.33	3.29 No	0.61 Thermal Discharging
SAK321	632	'430163356_/430163444'		3.7	10	10	1.84	2.3	10	9.88 No	1.84 Thermal Discharging
SAK321	633	'358605569_/430163479'		3.7	10	10	1.84	2.3	10	9.88 No	1.84 Thermal Discharging
SAK321	634	'611649095_/611648890_1'		1.43	3.33	3.33	0.61	1.2	3.33	3.29 No	0.61 Thermal Discharging
SAK321	635	'448041018_/716176371'		3.5	10	10	1.84	2.2	10	9.88 No	1.84 Thermal Discharging
SAK321	636	'43558487_/43558475'		1.47	3.33	3.33	0.61	0.7	3.33	3.29 No	0.61 Thermal Discharging
SAK321	637	'358605616_/358605626'		3.5	10	10	1.84	2.3	10	9.88 No	1.84 Thermal Discharging
SAK321	638	'445648775_/448041040'		3.4	10	10	1.84	2.2	10	9.88 No	1.84 Thermal Discharging
SAK321	639	'447840991_/447841010'		3.3	10	10	1.84	2.2	10	9.88 No	1.84 Thermal Discharging
SAK321	640	'43558494_/43558491'		1.33	3.33	3.33	0.61	0.7	3.33	3.29 No	0.61 Thermal Discharging
SAK321	641	'447841043_/447841062'		3.2	10	10	1.84	2.2	10	9.88 No	1.84 Thermal Discharging
SAK321	642	'447841095_/447841092'		3.2	10	10	1.84	2.2	10	9.88 No	1.84 Thermal Discharging
SAK321	643	'483414230_/470749348'		3.1	10	10	1.84	2.2	10	9.88 No	1.84 Thermal Discharging
SAK321	644	'470749316_/483414143'		3.1	10	10	1.84	2.2	10	9.88 No	1.84 Thermal Discharging
SAK321	645	'470749366_/470749374'		3	10	10	1.84	2.2	10	9.88 No	1.84 Thermal Discharging
SAK321	646	'483414181_/483414213'		1.1	3.33	3.33	0.61	0.73	3.33	3.29 No	0.61 Thermal Discharging
SAK321	647	'483414139_/483414197'		1.1	3.33	3.33	0.61	0.73	3.33	3.29 No	0.61 Thermal Discharging
SAK321	648	'606347802_/3975033_2'		3.33	3.33	3.33	0.68	0.4	3.33	0.77 No	0.4 Element Fault
SAK321	649	'52599124_/50741517'		10	10	10	2.05	1.5	10	2.3 No	1.5 Element Fault
SAK321	650	'52599395_/52599198_1'		10	10	10	2.05	1.5	10	2.3 No	1.5 Element Fault
SAK321	651	'50741520_/52599128'		10	10	10	2.05	1.5	10	2.3 No	1.5 Element Fault
SAK321	652	'4678100_/4678097_2'		3.33	3.33	3.33	0.61	0.4	3.33	3.29 No	0.4 Element Fault
SAK321	653	'4678099_/4678097_1'		3.33	3.33	3.33	0.61	0.1	3.33	3.29 No	0.1 Element Fault
SAK321	654	'3975036_/3975033_1'		3.33	3.33	3.33	0.68	0.4	3.33	0.77 No	0.4 Element Fault

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SAK321	655	'9085544_/_9400552_1'	3.33		3.33	3.33	0.61	0.1	3.33	3.29 No	0.1 Element Fault
SAK321	656	'9228339_/_9541616_1'	3.33		3.33	3.33	0.61	0.1	3.33	3.29 No	0.1 Element Fault
SAK321	657	'610507946_/_610507908_2'	3.33		3.33	3.33	0.68	0.5	3.33	0.77 No	0.5 Element Fault
SAK321	658	'37822080_/_52599198_2'	10		10	10	2.05	1.5	10	2.3 No	1.5 Element Fault
SAK321	659	'37822059_/_37822084'	10		10	10	2.05	1.5	10	2.3 No	1.5 Element Fault
SAK321	660	'402606967_/_402606964'	10		10	10	2.05	1.5	10	2.3 No	1.5 Element Fault
SAK321	661	'37822010_/_37822056'	10		10	10	2.05	1.5	10	2.3 No	1.5 Element Fault
SAK321	662	'37822066_/_37822063'	3.33		3.33	3.33	0.68	0.5	3.33	0.77 No	0.5 Element Fault
SAK321	663	'8913067_/_52599258'	10		10	10	2.05	1.5	10	2.3 No	1.5 Element Fault
SAK321	664	'610507863_/_610507908_3'	3.33		3.33	3.33	0.68	0.5	3.33	0.77 No	0.5 Element Fault
SAK321	665	'3975052_/_3975049'	3.33		3.33	3.33	0.68	0.4	3.33	0.77 No	0.4 Element Fault
SAK321	666	'7291519_/_7291517_1'	3.33		3.33	3.33	0.68	0.3	3.33	0.77 No	0.3 Element Fault
SAK321	667	'3975065_/_3975062'	3.33		3.33	3.33	0.68	0.4	3.33	0.77 No	0.4 Element Fault
SAK321	668	'606347861_/_9185513_1'	3.33		3.33	3.33	0.68	0.3	3.33	0.77 No	0.3 Element Fault
SAK321	669	'7928509_/_9185513_2'	3.33		3.33	3.33	0.68	0.3	3.33	0.77 No	0.3 Element Fault
SAK321	670	'7291535_/_7291533_1'	3.33		3.33	3.33	0.68	0.3	3.33	0.77 No	0.3 Element Fault
SAK321	671	'494586729_/_7291517_2'	3.33		3.33	3.33	0.68	0.3	3.33	0.77 No	0.3 Element Fault
SAK321	672	'7291520_/_494586753'	3.33		3.33	3.33	0.68	0.3	3.33	0.77 No	0.3 Element Fault
SAK321	673	'7928508_/_7928506'	3.33		3.33	3.33	0.68	0.3	3.33	0.77 No	0.3 Element Fault
SAK321	674	'7334340_/_9541616_2'	3.33		3.33	3.33	0.61	0.1	3.33	3.29 No	0.1 Element Fault
SAK321	675	'7291536_/_7291533_2'	3.33		3.33	3.33	0.68	0.3	3.33	0.77 No	0.3 Element Fault
SAK321	676	'52599479_/_52599481'	3.33		3.33	3.33	0.68	0.5	3.33	0.77 No	0.5 Element Fault
SAK321	677	'9400555_/_9400552_2'	3.33		3.33	3.33	0.61	0.1	3.33	3.29 No	0.1 Element Fault
SAK321	678	'131436190_/_52599279'	3.33		3.33	3.33	0.68	0.5	3.33	0.77 No	0.5 Element Fault
SAK321	679	'7291305_/_124513668'	3.33		3.33	3.33	0.68	0.5	3.33	0.77 No	0.5 Element Fault
SAK321	680	'8869530_/_9499934'	3.33		3.33	3.33	0.68	0.3	3.33	0.77 No	0.3 Element Fault
SAK321	681	'124513399_/_124513442'	3.33		3.33	3.33	0.68	0.5	3.33	0.77 No	0.5 Element Fault
SAK321	682	'49984565_/_9499950_1'	3.33		3.33	3.33	0.68	0.3	3.33	0.77 No	0.3 Element Fault
SAK321	683	'124513457_/_124513487'	3.33		3.33	3.33	0.68	0.5	3.33	0.77 No	0.5 Element Fault
SAK321	684	'7607153_/_121731891'	3.33		3.33	3.33	0.68	0.5	3.33	0.77 No	0.5 Element Fault
SAK321	685	'88864919_/_88864925'	3.33		3.33	3.33	0.68	0.5	3.33	0.77 No	0.5 Element Fault
SAK321	686	'88865087_/_88865098'	3.33		3.33	3.33	0.68	0.5	3.33	0.77 No	0.5 Element Fault
SAK321	687	'88865037_/_88865112'	3.33		3.33	3.33	0.68	0.5	3.33	0.77 No	0.5 Element Fault
SAK321	688	'7607154_/_7607151'	3.33		3.33	3.33	0.68	0.5	3.33	0.77 No	0.5 Element Fault
SAK321	689	'456662695_/_8869085'	3.33		3.33	3.33	0.68	0.3	3.33	0.77 No	0.3 Element Fault
SAK321	690	'110558281_/_110558317'	3.33		3.33	3.33	0.68	0.5	3.33	0.77 No	0.5 Element Fault
SAK321	691	'7291290_/_88865043'	3.33		3.33	3.33	0.68	0.5	3.33	0.77 No	0.5 Element Fault
SAK321	692	'7291289_/_7291287'	3.33		3.33	3.33	0.68	0.5	3.33	0.77 No	0.5 Element Fault
SAK321	693	'37746415_/_456662716'	3.33		3.33	3.33	0.68	0.3	3.33	0.77 No	0.3 Element Fault
SAK321	694	'37746408_/_37746412'	3.33		3.33	3.33	0.68	0.3	3.33	0.77 No	0.3 Element Fault
SAK321	695	'401000203_/_401000200'	3.33		3.33	3.33	0.68	0.3	3.33	0.77 No	0.3 Element Fault
SAK321	696	'37746401_/_37746405'	3.33		3.33	3.33	0.68	0.3	3.33	0.77 No	0.3 Element Fault
SAK321	697	'37746429_/_37746433'	3.33		3.33	3.33	0.68	0.3	3.33	0.77 No	0.3 Element Fault
SAK321	698	'7291273_/_8243316'	3.33		3.33	3.33	0.68	0.3	3.33	0.77 No	0.3 Element Fault
SAK321	699	'89852248_/_89852254'	3.33		3.33	3.33	0.68	0.5	3.33	0.77 No	0.5 Element Fault
SAK321	700	'7334339_/_7334337'	3.33		3.33	3.33	0.61	0.1	3.33	3.29 No	0.1 Element Fault
SAK321	701	'89852325_/_89852336'	3.33		3.33	3.33	0.68	0.5	3.33	0.77 No	0.5 Element Fault
SAK321	702	'7291274_/_8554826_1'	1		3.33	3.33	0.68	0.3	3.33	0.77 No	0.3 Element Fault
SAK321	703	'89852283_/_89852350'	3.33		3.33	3.33	0.68	0.5	3.33	0.77 No	0.5 Element Fault
SAK321	704	'7607138_/_9499678'	3.33		3.33	3.33	0.68	0.3	3.33	0.77 No	0.3 Element Fault
SAK321	705	'7607121_/_7607119'	3.33		3.33	3.33	0.68	0.3	3.33	0.77 No	0.3 Element Fault
SAK321	706	'8913051_/_57664130'	3.33		3.33	3.33	0.68	0.5	3.33	0.77 No	0.5 Element Fault
SAK321	707	'7928209_/_9185174'	3.33		3.33	3.33	0.68	0.3	3.33	0.77 No	0.3 Element Fault
SAK321	708	'7607106_/_7928206'	3.33		3.33	3.33	0.68	0.3	3.33	0.77 No	0.3 Element Fault
SAK321	709	'7968355_/_50493544'	3.33		3.33	3.33	0.68	0.5	3.33	0.77 No	0.5 Element Fault
SAK321	710	'7607137_/_7607135'	3.33		3.33	3.33	0.68	0.3	3.33	0.77 No	0.3 Element Fault
SAK321	711	'7291258_/_7607103'	3.33		3.33	3.33	0.68	0.3	3.33	0.77 No	0.3 Element Fault
SAK321	712	'50493569_/_50493571'	3.33		3.33	3.33	0.68	0.5	3.33	0.77 No	0.5 Element Fault
SAK321	713	'50493808_/_50493858'	3.33		3.33	3.33	0.68	0.5	3.33	0.77 No	0.5 Element Fault
SAK321	714	'4671866_/_4671864_2'	3.33		3.33	3.33	0.61	0.3	3.33	3.29 No	0.3 Element Fault
SAK321	715	'107577796_/_4671864_1'	3.33		3.33	3.33	0.61	0.3	3.33	3.29 No	0.3 Element Fault
SAK321	716	'107577859_/_107577807_2'	3.33		3.33	3.33	0.61	0.3	3.33	3.29 No	0.3 Element Fault
SAK321	717	'8243351_/_9499662'	1.2		3.33	3.33	0.68	0.3	3.33	0.77 No	0.3 Element Fault
SAK321	718	'7968339_/_57664161'	3.33		3.33	3.33	0.68	0.5	3.33	0.77 No	0.5 Element Fault
SAK321	719	'43557999_/_107577807_1'	3.33		3.33	3.33	0.01	0.3	3.33	3.29 No	0.01 Thermal Discharging
SAK321	720	'7291257_/_121731962'	1.07		3.33	3.33	0.68	0.3	3.33	0.77 No	0.3 Element Fault
SAK321	721	'7149910_/_7149907_2'	3.33		3.33	3.33	0.61	0.3	3.33	3.29 No	0.3 Element Fault
SAK321	722	'37746457_/_8243348'	1.03		3.33	3.33	0.68	0.3	3.33	0.77 No	0.3 Element Fault
SAK321	723	'108795582_/_37746454'	1.03		3.33	3.33	0.68	0.3	3.33	0.77 No	0.3 Element Fault
SAK321	724	'401000272_/_401000269'	1.03		3.33	3.33	0.68	0.3	3.33	0.77 No	0.3 Element Fault
SAK321	725	'37746471_/_37746475'	1.03		3.33	3.33	0.68	0.3	3.33	0.77 No	0.3 Element Fault
SAK321	726	'37746443_/_37746447'	1.03		3.33	3.33	0.68	0.3	3.33	0.77 No	0.3 Element Fault
SAK321	727	'4677402_/_7149907_1'	3.33		3.33	3.33	0.61	0.3	3.33	3.29 No	0.3 Element Fault
SAK321	728	'8243334_/_9499646'	0.9		3.33	3.33	0.68	0.3	3.33	0.77 No	0.3 Element Fault
SAK321	729	'4671688_/_43558001'	3.33		3.33	3.33	0.01	0.3	3.32	3.29 No	0.01 Thermal Discharging
SAK321	730	'7968340_/_7968337'	0.9		3.33	3.33	0.68	0.5	3.33	0.77 No	0.5 Element Fault
SAK321	731	'43558589_/_4677387'	3.33		3.33	3.33	0.61	0.3	3.26	3.29 No	0.3 Element Fault
SAK321	732	'4677403_/_4677400'	3.33		3.33	3.33	0.61	0.3	3.26	3.29 No	0.3 Element Fault
SAK321	733	'8869155_/_121731985'	0.77		3.33	3.33	0.68	0.3	3.33	0.77 No	0.3 Element Fault
SAK321	734	'4671539_/_4671686'	3.33		3.33	3.33	0.01	0.3	3.24	3.29 No	0.01 Thermal Discharging
SAK321	735	'4677455_/_4677452'	3.33		3.33	3.33	0.61	0.3	3.24	3.29 No	0.3 Element Fault
SAK321	736	'8913088_/_57664180'	0.87		3.33	3.33	0.68	0.5	3.33	0.77 No	0.5 Element Fault
SAK321	737	'7968850_/_7968847'	0.6		3.33	3.33	0.61	0.1	3.33	3.29 No	0.1 Element Fault
SAK321	738	'7607210_/_9185226'	0.7		3.33	3.33	0.68	0.3	3.32	0.77 No	0.3 Element Fault
SAK321	739	'108793121_/_108793147'	0.73		3.33	3.33	0.68	0.3	3.3	0.77 No	0.3 Element Fault
SAK321	740	'43558010_/_4671537'	3.33		3.33	3.33	0.01	0.3	3.17	3.29 No	0.01 Thermal Discharging
SAK321	741	'43558500_/_4677426'	3.33		3.33	3.33	0.61	0.3	3.17	3.29 No	0.3 Element Fault
SAK321	742	'4677468_/_4677465'	3.33		3.33	3.33	0.61	0.3	3.15	3.29 No	0.3 Element Fault
SAK321	743	'4677390_/_43558591'	3.33		3.33	3.33	0.61	0.3	3.15	3.29 No	0.3 Element Fault
SAK321	744	'43558076_/_4671657'	3.33		3.33	3.33	0.01	0.3	3.1	3.29 No	0.01 Thermal Discharging
SAK321	745	'64075169_/_7607207'	0.63		3.33	3.33	0.68	0.3	3.22	0.77 No	0.3 Element Fault
SAK321	746	'4671552_/_43558012'	3.33		3.33	3.33	0.01	0.3	3.08	3.29 No	0.01 Thermal Discharging
SAK321	747	'43558505_/_43558502'	3.33		3.33	3.33	0.61	0.3	3.07	3.29 No	0.3 Element Fault
SAK321	748	'110592107_/_50493734'	0.6		3.33	3.33	0.68	0.3	3.15	0.77 No	0.3 Element Fault

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SAK321	749	'43558081_/_43558078'	3.33	3.33	3.33	3.33	0.01	0.3	3.03	3.29 No	0.01 Thermal Discharging
SAK321	750	'4677494_/_4677491_2'	3.33	3.33	3.33	3.33	0.61	0.3	3.04	3.29 No	0.3 Element Fault
SAK321	751	'414995451_/_622934594_1'	10	10	10	10	2.05	0.7	8.75	2.3 No	0.7 Element Fault
SAK321	752	'43558578_/_43558580'	3.33	3.33	3.33	3.33	0.61	0.3	3.03	3.29 No	0.3 Element Fault
SAK321	753	'4677533_/_4677530'	3.33	3.33	3.33	3.33	0.61	0.3	3.02	3.29 No	0.3 Element Fault
SAK321	754	'4673765_/_4673898_2'	3.33	3.33	3.33	3.33	0.61	0.2	2.9	3.29 No	0.2 Element Fault
SAK321	755	'415112566_/_622934594_2'	10	10	10	10	2.05	0.7	8.7	2.3 No	0.7 Element Fault
SAK321	756	'7333986_/_8913085'	0.67	3.33	3.33	3.33	0.68	0.5	3.11	0.77 No	0.5 Element Fault
SAK321	757	'7487754_/_8435526'	10	10	10	10	2.05	0.7	8.67	2.3 No	0.7 Element Fault
SAK321	758	'8283948_/_8593984'	0.5	3.33	3.33	3.33	0.61	0.1	3.13	3.29 No	0.1 Element Fault
SAK321	759	'4671718_/_4671715'	3.33	3.33	3.33	3.33	0.01	0.3	2.99	3.29 No	0.01 Thermal Discharging
SAK321	760	'7333985_/_50493651'	0.67	3.33	3.33	3.33	0.68	0.5	3.08	0.77 No	0.5 Element Fault
SAK321	761	'43557793_/_4673898_1'	3.33	3.33	3.33	3.33	0.61	0.2	2.87	3.29 No	0.2 Element Fault
SAK321	762	'8774907_/_8774904'	10	10	10	10	2.05	0.7	8.59	2.3 No	0.7 Element Fault
SAK321	763	'4677507_/_4677504'	3.33	3.33	3.33	3.33	0.61	0.3	2.97	3.29 No	0.3 Element Fault
SAK321	764	'4671553_/_43558023'	3.33	3.33	3.33	3.33	0.01	0.3	2.95	3.29 No	0.01 Thermal Discharging
SAK321	765	'108793192_/_108793203'	0.57	3.33	3.33	3.33	0.68	0.3	3.05	0.77 No	0.3 Element Fault
SAK321	766	'4677493_/_4677491_1'	3.33	3.33	3.33	3.33	0.61	0.3	2.94	3.29 No	0.3 Element Fault
SAK321	767	'4677546_/_4677543'	3.33	3.33	3.33	3.33	0.61	0.3	2.94	3.29 No	0.3 Element Fault
SAK321	768	'40978845_/_50870480'	3.33	3.33	3.33	3.33	0.68	0.23	2.76	0.77 No	0.23 Element Fault
SAK321	769	'4677480_/_4677478'	3.33	3.33	3.33	3.33	0.61	0.3	2.91	3.29 No	0.3 Element Fault
SAK321	770	'8593634_/_50493706'	0.6	3.33	3.33	3.33	0.68	0.5	3	0.77 No	0.5 Element Fault
SAK321	771	'108795487_/_108795498'	0.53	3.33	3.33	3.33	0.68	0.3	2.98	0.77 No	0.3 Element Fault
SAK321	772	'7487755_/_44105467'	3.33	3.33	3.33	3.33	0.68	0.23	2.74	0.77 No	0.23 Element Fault
SAK321	773	'4673501_/_4673911'	3.33	3.33	3.33	3.33	0.61	0.2	2.79	3.29 No	0.2 Element Fault
SAK321	774	'4677562_/_4677559'	3.33	3.33	3.33	3.33	0.61	0.3	2.89	3.29 No	0.3 Element Fault
SAK321	775	'43558065_/_4671563'	3.33	3.33	3.33	3.33	0.01	0.3	2.87	3.29 No	0.01 Thermal Discharging
SAK321	776	'43558567_/_4677588'	3.33	3.33	3.33	3.33	0.61	0.3	2.87	3.29 No	0.3 Element Fault
SAK321	777	'8593650_/_9227898'	0.6	3.33	3.33	3.33	0.68	0.5	2.95	0.77 No	0.5 Element Fault
SAK321	778	'4671731_/_4671728'	3.33	3.33	3.33	3.33	0.01	0.3	2.85	3.29 No	0.01 Thermal Discharging
SAK321	779	'7649282_/_66032347'	0.43	3.33	3.33	3.33	0.61	0.1	2.96	3.29 No	0.1 Element Fault
SAK321	780	'43558556_/_4677575'	3.33	3.33	3.33	3.33	0.61	0.3	2.84	3.29 No	0.3 Element Fault
SAK321	781	'610507422_/_610507430'	0.5	3.33	3.33	3.33	0.68	0.3	2.91	0.77 No	0.3 Element Fault
SAK321	782	'43557933_/_43557935'	3.33	3.33	3.33	3.33	0.61	0.2	2.72	3.29 No	0.2 Element Fault
SAK321	783	'4671591_/_43558067'	3.33	3.33	3.33	3.33	0.01	0.3	2.81	3.29 No	0.01 Thermal Discharging
SAK321	784	'108793009_/_108793025'	0.47	3.33	3.33	3.33	0.68	0.3	2.9	0.77 No	0.3 Element Fault
SAK321	785	'43558566_/_4677601'	3.33	3.33	3.33	3.33	0.61	0.3	2.79	3.29 No	0.3 Element Fault
SAK321	786	'43558545_/_4677855'	1.03	3.33	3.33	3.33	0.61	0.3	2.78	3.29 No	0.3 Element Fault
SAK321	787	'4671744_/_4671741'	3.33	3.33	3.33	3.33	0.01	0.3	2.78	3.29 No	0.01 Thermal Discharging
SAK321	788	'63836974_/_8593648'	0.53	3.33	3.33	3.33	0.68	0.5	2.86	0.77 No	0.5 Element Fault
SAK321	789	'43557804_/_43557806'	3.33	3.33	3.33	3.33	0.61	0.2	2.68	3.29 No	0.2 Element Fault
SAK321	790	'7649281_/_514680729'	0.4	3.33	3.33	3.33	0.61	0.1	2.85	3.29 No	0.1 Element Fault
SAK321	791	'4671605_/_4671589'	3.33	3.33	3.33	3.33	0.01	0.3	2.73	3.29 No	0.01 Thermal Discharging
SAK321	792	'4677858_/_43558547'	0.83	3.33	3.33	3.33	0.61	0.1	2.73	3.29 No	0.1 Element Fault
SAK321	793	'108793049_/_108793060'	0.43	3.33	3.33	3.33	0.68	0.3	2.81	0.77 No	0.3 Element Fault
SAK321	794	'43557944_/_4673626'	3.33	3.33	3.33	3.33	0.61	0.2	2.63	3.29 No	0.2 Element Fault
SAK321	795	'610508005_/_610507582_1'	0.4	3.33	3.33	3.33	0.68	0.3	2.78	0.77 No	0.3 Element Fault
SAK321	796	'43558054_/_4671767'	0.83	3.33	3.33	3.33	0.01	0.3	2.68	3.29 No	0.01 Thermal Discharging
SAK321	797	'4671604_/_4671602'	0.83	3.33	3.33	3.33	0.01	0.3	2.68	3.29 No	0.01 Thermal Discharging
SAK321	798	'108793084_/_108793095'	0.43	3.33	3.33	3.33	0.68	0.3	2.76	0.77 No	0.3 Element Fault
SAK321	799	'43557815_/_43557817'	3.33	3.33	3.33	3.33	0.61	0.2	2.58	3.29 No	0.2 Element Fault
SAK321	800	'43558032_/_4671628'	0.73	3.33	3.33	3.33	0.01	0.3	2.64	3.29 No	0.01 Thermal Discharging
SAK321	801	'8112521_/_8112518'	0.5	3.33	3.33	3.33	0.68	0.5	2.72	0.77 No	0.5 Primary Over-Voltage
SAK321	802	'4671643_/_4671641'	0.73	3.33	3.33	3.33	0.01	0.3	2.63	3.29 No	0.01 Thermal Discharging
SAK321	803	'610507566_/_610507670'	0.4	3.33	3.33	3.33	0.68	0.3	2.71	0.77 No	0.3 Element Fault
SAK321	804	'4673574_/_4673639'	3.33	3.33	3.33	3.33	0.61	0.2	2.54	3.29 No	0.2 Element Fault
SAK321	805	'108792785_/_108792793'	0.47	3.33	3.33	3.33	0.68	0.5	2.69	0.77 No	0.47 Primary Over-Voltage
SAK321	806	'4671783_/_4671796'	0.63	3.33	3.33	3.33	0.01	0.3	2.57	3.29 No	0.01 Thermal Discharging
SAK321	807	'43557863_/_4673571'	3.33	3.33	3.33	3.33	0.61	0.2	2.49	3.29 No	0.2 Element Fault
SAK321	808	'4672450_/_4672499'	3.33	3.33	3.33	3.33	0.61	0.2	2.49	3.29 No	0.2 Element Fault
SAK321	809	'7968866_/_7968863'	0.33	3.33	3.33	3.33	0.61	0.1	2.62	3.29 No	0.1 Element Fault
SAK321	810	'7334388_/_7334385'	0.57	3.33	3.33	3.33	0.61	0.1	2.53	3.29 No	0.1 Element Fault
SAK321	811	'43557782_/_43557784'	3.33	3.33	3.33	3.33	0.61	0.2	2.45	3.29 No	0.2 Element Fault
SAK321	812	'108792832_/_108792866'	0.43	3.33	3.33	3.33	0.68	0.5	2.56	0.77 No	0.43 Primary Over-Voltage
SAK321	813	'43558043_/_43558045'	0.57	3.33	3.33	3.33	0.01	0.3	2.49	3.29 No	0.01 Thermal Discharging
SAK321	814	'4672436_/_4672434'	3.33	3.33	3.33	3.33	0.61	0.2	2.42	3.29 No	0.2 Element Fault
SAK321	815	'454086858_/_4673584'	3.33	3.33	3.33	3.33	0.61	0.2	2.41	3.29 No	0.2 Element Fault
SAK321	816	'4672463_/_4672460'	3.33	3.33	3.33	3.33	0.61	0.2	2.38	3.29 No	0.2 Element Fault
SAK321	817	'44058991_/_44058993'	3.33	3.33	3.33	3.33	0.61	0.2	2.37	3.29 No	0.2 Element Fault
SAK321	818	'4671617_/_4671615'	0.53	3.33	3.33	3.33	0.01	0.3	2.43	3.29 No	0.01 Thermal Discharging
SAK321	819	'108792899_/_108792910'	0.4	3.33	3.33	3.33	0.68	0.5	2.49	0.77 No	0.4 Primary Over-Voltage
SAK321	820	'43557826_/_4672473'	3.33	3.33	3.33	3.33	0.61	0.2	2.35	3.29 No	0.2 Element Fault
SAK321	821	'7649328_/_7649325'	0.47	3.33	3.33	3.33	0.61	0.1	2.41	3.29 No	0.1 Element Fault
SAK321	822	'717745639_/_8913513_1'	3.33	1.73	3.33	3.33	0.61	0.1	2.4	3.29 No	0.1 Element Fault
SAK321	823	'4672476_/_43557828'	3.33	3.33	3.33	3.33	0.61	0.2	2.33	3.29 No	0.2 Element Fault
SAK321	824	'9228427_/_9228424'	0.3	3.33	3.33	3.33	0.61	0.1	2.46	3.29 No	0.1 Element Fault
SAK321	825	'108792934_/_108792945'	0.4	3.33	3.33	3.33	0.68	0.5	2.43	0.77 No	0.4 Primary Over-Voltage
SAK321	826	'4673548_/_4673558'	0.7	3.33	3.33	3.33	0.61	0.2	2.3	3.29 No	0.2 Element Fault
SAK321	827	'108794410_/_108794421'	0.37	3.33	3.33	3.33	0.68	0.5	2.41	0.77 No	0.37 Primary Over-Voltage
SAK321	828	'8449254_/_9400536_1'	0.3	3.33	3.33	3.33	0.61	0.1	2.41	3.29 No	0.1 Element Fault
SAK321	829	'4672637_/_4672635'	0.6	3.33	3.33	3.33	0.61	0.2	2.27	3.29 No	0.2 Element Fault
SAK321	830	'108794445_/_108794456'	0.37	3.33	3.33	3.33	0.68	0.5	2.38	0.77 No	0.37 Primary Over-Voltage
SAK321	831	'4672583_/_4673545'	0.57	3.33	3.33	3.33	0.61	0.2	2.25	3.29 No	0.2 Element Fault
SAK321	832	'108794526_/_108794537'	0.37	3.33	3.33	3.33	0.68	0.5	2.37	0.77 No	0.37 Primary Over-Voltage
SAK321	833	'108794514_/_108794493'	0.37	3.33	3.33	3.33	0.68	0.5	2.37	0.77 No	0.37 Primary Over-Voltage
SAK321	834	'4672651_/_4672648'	0.53	3.33	3.33	3.33	0.61	0.2	2.24	3.29 No	0.2 Element Fault
SAK321	835	'43557874_/_4672580'	0.5	3.33	3.33	3.33	0.61	0.2	2.21	3.29 No	0.2 Element Fault
SAK321	836	'43557885_/_4672606'	0.43	3.33	3.33	3.33	0.61	0.2	2.15	3.29 No	0.2 Element Fault
SAK321	837	'4672595_/_4672593'	0.4	3.33	3.33	3.33	0.61	0.2	2.08	3.29 No	0.2 Element Fault
SAK321	838	'4672621_/_4672619'	0.37	3.33	3.33	3.33	0.61	0.2	2.05	3.29 No	0.2 Element Fault
SAK321	839	'626296458_/_57093047_2'	3.33	1.4	3.33	3.33	0.61	0.1	1.23	3.29 No	0.1 Element Fault
SAK321	840	'8913516_/_57093047_1'	3.33	1.4	3.33	3.33	0.61	0.1	1.21	3.29 No	0.1 Element Fault
SAV063	0	'SAV063_/_2617477_2'	10	10	10	10	2.13	10	10	No	2.13 Thermal Discharging
SAV063	1	'255290448_/_2617477_2'	10	10	10	10	2.13	10	10	2.67 No	2.13 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
											VSR (MW)	Limiting Threshold
SAV063		2 '43175323_/_2617477_1'			10	10	10	2.13	10	10	2.67 No	2.13 Thermal Discharging
SAV063		3 '2617445_/_2617460'			10	10	10	2.13	10	10	2.66 No	2.13 Thermal Discharging
SAV063		4 '2617446_/_2617443'			10	10	10	2.13	10	10	2.65 No	2.13 Thermal Discharging
SAV063		5 '2617574_/_2617588'			10	10	10	2.13	10	10	2.64 No	2.13 Thermal Discharging
SAV063		6 '103345771_/_88662524_2'			10	10	10	2.13	5.4	10	2.64 No	2.13 Thermal Discharging
SAV063		7 '2617573_/_2617571'			10	10	10	2.13	10	10	2.62 No	2.13 Thermal Discharging
SAV063		8 '43185561_/_2672688'			10	10	10	2.13	10	10	2.6 No	2.13 Thermal Discharging
SAV063		9 '7229212_/_7229210_1'			10	10	10	2.13	1.5	10	2.61 No	1.5 Element Fault
SAV063		10 '2607317_/_2672671'			10	10	10	2.13	10	10	2.58 No	2.13 Thermal Discharging
SAV063		11 '9432954_/_88662524_1'			10	10	10	2.13	1.5	10	2.62 No	1.5 Element Fault
SAV063		12 '8178932_/_8178929_1'			10	10	10	2.13	1.5	10	2.57 No	1.5 Element Fault
SAV063		13 '2607316_/_2607314'			10	10	10	2.13	10	10	2.56 No	2.13 Thermal Discharging
SAV063		14 '2664448_/_2664445'			10	10	10	2.13	10	10	2.54 No	2.13 Thermal Discharging
SAV063		15 '7229213_/_7229210_2'			10	10	10	2.13	1.5	10	2.6 No	1.5 Element Fault
SAV063		16 '43177608_/_2664462'			10	10	10	2.13	10	10	2.54 No	2.13 Thermal Discharging
SAV063		17 '2606641_/_43177610'			10	10	10	2.13	10	10	2.54 No	2.13 Thermal Discharging
SAV063		18 '2606640_/_2606638'			10	10	10	2.13	10	10	2.54 No	2.13 Thermal Discharging
SAV063		19 '2606658_/_2606672'			10	10	10	2.13	10	10	2.54 No	2.13 Thermal Discharging
SAV063		20 '2606657_/_2606655'			9.8	10	10	2.13	10	10	2.54 No	2.13 Thermal Discharging
SAV063		21 '7160743_/_7160757_1'			9.6	10	10	2.13	10	10	2.54 No	2.13 Thermal Discharging
SAV063		22 '9123435_/_8178929_2'			8.2	10	10	2.13	1.5	10	2.55 No	1.5 Element Fault
SAV063		23 '2606692_/_2606689'			9.3	10	10	2.13	10	10	2.54 No	2.13 Thermal Discharging
SAV063		24 '588709544_/_588709560'			7.9	10	10	2.13	1.5	10	2.54 No	1.5 Element Fault
SAV063		25 '2606709_/_2606723'			8.9	10	10	2.13	10	10	2.54 No	2.13 Thermal Discharging
SAV063		26 '396998608_/_396998616'			8.5	10	10	2.13	10	10	2.54 No	2.13 Thermal Discharging
SAV063		27 '43175089_/_2606408'			8.3	10	10	2.13	10	10	2.54 No	2.13 Thermal Discharging
SAV063		28 '2606743_/_2606740'			8.2	10	10	2.13	10	10	2.54 No	2.13 Thermal Discharging
SAV063		29 '43175076_/_43175078'			8.1	10	10	2.13	10	10	2.54 No	2.13 Thermal Discharging
SAV063		30 '9072363_/_9072381_2'			8.2	10	10	2.13	5.5	10	2.54 No	2.13 Thermal Discharging
SAV063		31 '44067351_/_7137852'			8.2	10	10	2.13	10	10	2.54 No	2.13 Thermal Discharging
SAV063		32 '2602347_/_2602344_1'			8.1	10	10	2.13	3.3	10	2.54 No	2.13 Thermal Discharging
SAV063		33 '7137855_/_44067355'			7.7	10	10	2.13	10	10	2.54 No	2.13 Thermal Discharging
SAV063		34 '8437491_/_8437488_3'			7.7	10	10	2.13	10	10	2.54 No	2.13 Thermal Discharging
SAV063		35 '43174851_/_2602344_2'			6.6	10	10	2.13	3.3	10	2.54 No	2.13 Thermal Discharging
SAV063		36 '76837540_/_44062351_2'			6.6	10	10	2.13	3.3	10	2.54 No	2.13 Thermal Discharging
SAV063		37 '7493549_/_9072381_1'			6.4	10	10	2.13	1.6	10	2.54 No	1.6 Element Fault
SAV063		38 '34588206_/_453662396'			4.27	6.67	6.67	1.42	1.07	6.67	1.69 No	1.07 Element Fault
SAV063		39 '7493548_/_8437304'			4.27	6.67	6.67	1.42	1.07	6.67	1.69 No	1.07 Element Fault
SAV063		40 '44062347_/_44062351_1'			6.2	10	10	2.13	3.3	10	2.54 No	2.13 Thermal Discharging
SAV063		41 '7147306_/_43174837_2'			6.2	10	10	2.13	3.3	10	2.54 No	2.13 Thermal Discharging
SAV063		42 '7147307_/_7147304'			5.8	10	10	2.13	1.5	10	2.54 No	1.5 Element Fault
SAV063		43 '43174835_/_43174837_1'			5.8	10	10	2.13	3.3	10	2.54 No	2.13 Thermal Discharging
SAV063		44 '8437490_/_8437488_2'			6.3	10	10	2.13	10	10	2.54 No	2.13 Thermal Discharging
SAV063		45 '7137661_/_8437488_1'			6.3	10	10	2.13	10	10	2.54 No	2.13 Thermal Discharging
SAV063		46 '8431005_/_8431002'			5.5	10	10	2.13	1.5	10	2.54 No	1.5 Element Fault
SAV063		47 '7493587_/_9388408'			3.67	6.67	6.67	1.42	1.07	6.67	1.69 No	1.07 Element Fault
SAV063		48 '40674708_/_44102520'			2.87	6.67	6.67	1.42	1.07	6.67	1.69 No	1.07 Element Fault
SAV063		49 '2602083_/_2602081'			5	10	10	2.13	3.3	10	2.54 No	2.13 Thermal Discharging
SAV063		50 '7493945_/_9700318'			2.87	6.67	6.67	1.42	1.07	6.67	1.69 No	1.07 Element Fault
SAV063		51 '7493944_/_7493942'			2.87	6.67	6.67	1.42	1.07	6.67	1.69 No	1.07 Element Fault
SAV063		52 '38870481_/_44092317'			1.53	3.33	3.33	0.71	0.53	3.33	0.85 No	0.53 Element Fault
SAV063		53 '7493586_/_7493584'			1.43	3.33	3.33	0.71	0.53	3.33	0.85 No	0.53 Element Fault
SAV063		54 '44067105_/_44067107'			5.3	10	10	2.13	10	10	2.54 No	2.13 Thermal Discharging
SAV063		55 '311229836_/_311229838'			5.3	10	10	2.13	10	10	2.54 No	2.13 Thermal Discharging
SAV063		56 '44067087_/_44067091'			5.2	10	10	2.13	10	10	2.54 No	2.13 Thermal Discharging
SAV063		57 '388441982_/_311230110_2'			5.2	10	10	2.13	10	10	2.54 No	2.13 Thermal Discharging
SAV063		58 '122529964_/_122529969'			2.2	5.93	6.67	1.42	1.07	6.67	1.69 No	1.07 Element Fault
SAV063		59 '44067069_/_44067071'			5.1	10	10	2.13	10	10	2.54 No	2.13 Thermal Discharging
SAV063		60 '31377979_/_44067053'			5	10	10	2.13	10	10	2.54 No	2.13 Thermal Discharging
SAV063		61 '311229868_/_311230110_1'			5	10	10	2.13	10	10	2.54 No	2.13 Thermal Discharging
SAV063		62 '311230646_/_311229858'			5	10	10	2.13	10	10	2.54 No	2.13 Thermal Discharging
SAV063		63 '388442062_/_311229874'			5	10	10	2.13	10	10	2.54 No	2.13 Thermal Discharging
SAV063		64 '311230663_/_311229882'			5	10	10	2.13	4.8	10	2.54 No	2.13 Thermal Discharging
SAV063		65 '311230651_/_311229866'			5	10	10	2.13	4.9	10	2.54 No	2.13 Thermal Discharging
SAV063		66 '7161125_/_50667387'			4.9	10	10	2.13	10	10	2.54 No	2.13 Thermal Discharging
SAV063		67 '7161126_/_7161144_1'			4.8	10	10	2.13	10	10	2.54 No	2.13 Thermal Discharging
SAV063		68 '431270772_/_431270770'			4.9	10	10	2.13	4.8	10	2.54 No	2.13 Thermal Discharging
SAV063		69 '44067027_/_44067029'			4.8	10	10	2.13	10	10	2.54 No	2.13 Thermal Discharging
SAV063		70 '122529999_/_122530053'			2.2	5.93	6.67	1.42	1.07	6.67	1.69 No	1.07 Element Fault
SAV063		71 '431270867_/_431270930'			1.57	3.33	3.33	0.71	1.6	3.33	0.85 No	0.71 Thermal Discharging
SAV063		72 '388442056_/_311229971_2'			4.8	10	10	2.13	10	10	2.54 No	2.13 Thermal Discharging
SAV063		73 '2665124_/_311229971_1'			4.8	10	10	2.13	10	10	2.54 No	2.13 Thermal Discharging
SAV063		74 '239776558_/_239776560'			4.8	10	10	2.13	10	10	2.54 No	2.13 Thermal Discharging
SAV063		75 '239776647_/_239776649'			4.7	10	10	2.13	10	10	2.54 No	2.13 Thermal Discharging
SAV063		76 '76702610_/_76702604'			4.7	9.9	10	2.13	10	10	2.54 No	2.13 Thermal Discharging
SAV063		77 '388441774_/_388441816'			4.4	9.8	10	2.13	4.9	10	2.54 No	2.13 Thermal Discharging
SAV063		78 '2666274_/_2666272'			4.7	9.8	10	2.13	10	10	2.54 No	2.13 Thermal Discharging
SAV063		79 '388441758_/_388441794'			2.93	6.47	6.67	1.42	3.27	6.67	1.69 No	1.42 Thermal Discharging
SAV063		80 '122529926_/_122530017'			2.2	5.93	6.67	1.42	1.07	6.67	1.69 No	1.07 Element Fault
SAV063		81 '2665089_/_2666292'			4.6	9.6	10	2.13	10	10	2.54 No	2.13 Thermal Discharging
SAV063		82 '2665090_/_2665087_1'			4.5	9.3	10	2.13	10	10	2.54 No	2.13 Thermal Discharging
SAV063		83 '43184335_/_2665087_2'			4.5	9.3	10	2.13	10	10	2.54 No	2.13 Thermal Discharging
SAV063		84 '379972655_/_44067480'			4.3	9.1	10	2.13	4.7	10	2.54 No	2.13 Thermal Discharging
SAV063		85 '43184348_/_43184337'			4.5	9.1	10	2.13	10	10	2.54 No	2.13 Thermal Discharging
SAV063		86 '38027511_/_8437288'			1.13	3.03	3.33	0.71	0.53	3.33	0.85 No	0.53 Element Fault
SAV063		87 '38027398_/_38027508'			1.13	3.03	3.33	0.71	0.53	3.33	0.85 No	0.53 Element Fault
SAV063		88 '404564166_/_38022900'			1.13	3.03	3.33	0.71	0.53	3.33	0.85 No	0.53 Element Fault
SAV063		89 '38027504_/_38027501'			1.13	3.03	3.33	0.71	0.53	3.33	0.85 No	0.53 Element Fault
SAV063		90 '38027399_/_38027396'			1.13	3.03	3.33	0.71	0.53	3.33	0.85 No	0.53 Element Fault
SAV063		91 '2658303_/_43184350'			4.5	9	10	2.13	10	10	2.54 No	2.13 Thermal Discharging
SAV063		92 '2665060_/_379972657'			1.4	3	3.33	0.71	1.5	3.33	0.85 No	0.71 Thermal Discharging
SAV063		93 '44067005_/_44067007'			3.9	8.9	10	2.13	10	10	2.54 No	2.13 Thermal Discharging
SAV063		94 '8437274_/_8437272'			1.03	2.97	3.33	0.71	0.53	3.33	0.85 No	0.53 Element Fault
SAV063		95 '2665061_/_2665074_1'			1.4	3	3.33	0.71	0.5	3.33	0.85 No	0.5 Element Fault

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SAV063	96	'43183232_/_2658301'		4.4	8.8	10	2.13	10	2.54	No	2.13 Thermal Discharging
SAV063	97	'491072980_/_479648278_2'		1.1	2.93	3.33	0.71	0.53	3.33	0.85	No 0.53 Element Fault
SAV063	98	'2602534_/_479648278_1'		1.1	2.9	3.33	0.71	0.3	3.33	0.85	No 0.3 Element Fault
SAV063	99	'43183246_/_43183234'		4.4	8.6	10	2.13	10	2.54	No	2.13 Thermal Discharging
SAV063	100	'40436982_/_50171639'		2	5.67	6.67	1.42	1.07	6.67	1.69	No 1.07 Element Fault
SAV063	101	'2658338_/_2658335'		4.3	8.4	10	2.13	10	2.54	No	2.13 Thermal Discharging
SAV063	102	'2658355_/_2658352'		4.3	8.2	10	2.13	10	2.54	No	2.13 Thermal Discharging
SAV063	103	'7854526_/_7854524_1'		1.43	2.73	3.33	0.71	0.5	3.33	0.85	No 0.5 Element Fault
SAV063	104	'43183219_/_2658406'		4.2	8.1	10	2.13	10	2.54	No	2.13 Thermal Discharging
SAV063	105	'2602521_/_2602531'		1	2.7	3.33	0.71	0.3	3.33	0.85	No 0.3 Element Fault
SAV063	106	'36426238_/_388441557'		3.6	8	10	2.13	4.9	10	2.54	No 2.13 Thermal Discharging
SAV063	107	'2658375_/_43183221'		4.2	8	10	2.13	10	9.93	2.54	No 2.13 Thermal Discharging
SAV063	108	'2658392_/_2658389'		4.2	7.9	10	2.13	10	9.83	2.54	No 2.13 Thermal Discharging
SAV063	109	'2665077_/_2665074_2'		1.23	2.6	3.33	0.71	0.5	3.33	0.85	No 0.5 Element Fault
SAV063	110	'7805013_/_9072057'		3.5	7.8	10	2.13	4.8	10	2.54	No 2.13 Thermal Discharging
SAV063	111	'43185383_/_2666443'		4.1	7.8	10	2.13	10	9.66	2.54	No 2.13 Thermal Discharging
SAV063	112	'7805012_/_7805010'		2.33	5.13	6.67	1.42	3.2	6.67	1.69	No 1.42 Thermal Discharging
SAV063	113	'2666408_/_43185385'		4.1	7.6	10	2.13	10	9.51	2.54	No 2.13 Thermal Discharging
SAV063	114	'44066983_/_44066985'		3.3	7.6	10	2.13	10	9.32	2.54	No 2.13 Thermal Discharging
SAV063	115	'2666388_/_2666406'		4.1	7.5	10	2.13	10	9.44	2.54	No 2.13 Thermal Discharging
SAV063	116	'39694125_/_50264527'		1.8	5	6.67	1.42	1.07	6.67	1.69	No 1.07 Element Fault
SAV063	117	'43183727_/_2666426'		4	7.5	10	2.13	10	9.38	2.54	No 2.13 Thermal Discharging
SAV063	118	'7854527_/_7854524_2'		1.3	2.5	3.33	0.71	0.5	3.18	0.85	No 0.5 Element Fault
SAV063	119	'2658425_/_43183716'		4.1	7.4	10	2.13	10	9.34	2.54	No 2.13 Thermal Discharging
SAV063	120	'43175141_/_43175143'		0.93	2.47	3.33	0.71	0.3	3.26	0.85	No 0.3 Element Fault
SAV063	121	'512665302_/_8177615'		1.3	2.5	3.33	0.71	0.5	3.16	0.85	No 0.5 Element Fault
SAV063	122	'2658442_/_43183729'		4	7.4	10	2.13	10	9.25	2.54	No 2.13 Thermal Discharging
SAV063	123	'2651968_/_2658423'		4	7.4	10	2.13	10	9.24	2.54	No 2.13 Thermal Discharging
SAV063	124	'2658443_/_2658440'		3.9	7.3	10	2.13	10	9.14	2.54	No 2.13 Thermal Discharging
SAV063	125	'2651969_/_2651966'		4	7.2	10	2.13	10	9.08	2.54	No 2.13 Thermal Discharging
SAV063	126	'311230435_/_388441538'		3.3	7.2	10	2.13	4.9	9.69	2.54	No 2.13 Thermal Discharging
SAV063	127	'8437065_/_388441896'		1.1	2.37	3.33	0.71	1.63	2.86	0.85	No 0.71 Thermal Discharging
SAV063	128	'2651986_/_2651983'		4	7.1	10	2.13	10	8.94	2.54	No 2.13 Thermal Discharging
SAV063	129	'8127767_/_9700050'		3.2	7.1	10	2.13	4.9	9.53	2.54	No 2.13 Thermal Discharging
SAV063	130	'2651951_/_2652017'		3.9	6.9	10	2.13	10	8.79	2.54	No 2.13 Thermal Discharging
SAV063	131	'2651952_/_2651949'		3.9	6.8	10	2.13	10	8.67	2.54	No 2.13 Thermal Discharging
SAV063	132	'2602520_/_2602518'		0.87	2.27	3.33	0.71	0.3	3.07	0.85	No 0.3 Element Fault
SAV063	133	'36426204_/_9072437'		2.13	4.53	6.67	1.42	3.27	6.09	1.69	No 1.42 Thermal Discharging
SAV063	134	'102379972_/_9388174_2'		3.1	6.7	10	2.13	4.8	9.22	2.54	No 2.13 Thermal Discharging
SAV063	135	'2652054_/_2652051'		3.9	6.7	10	2.13	10	8.56	2.54	No 2.13 Thermal Discharging
SAV063	136	'8127768_/_44085517'		2.07	4.47	6.67	1.42	3.27	6.07	1.69	No 1.42 Thermal Discharging
SAV063	137	'44067199_/_9388174_1'		3.1	6.7	10	2.13	1.6	9.17	2.54	No 1.6 Element Fault
SAV063	138	'2658643_/_2658640'		3.8	6.6	10	2.13	10	8.45	2.54	No 2.13 Thermal Discharging
SAV063	139	'39011741_/_50174954'		1.6	4.4	6.67	1.42	1.07	6.36	1.69	No 1.07 Element Fault
SAV063	140	'2658660_/_2658657'		3.8	6.6	10	2.13	10	8.37	2.54	No 2.13 Thermal Discharging
SAV063	141	'7137660_/_7137658'		2.9	6.6	10	2.13	10	8.26	2.54	No 2.13 Thermal Discharging
SAV063	142	'49931137_/_9122091_1'		3.8	6.6	10	2.13	1.6	8.35	2.54	No 1.6 Element Fault
SAV063	143	'2606011_/_7137945'		2.9	6.5	10	2.13	10	8.22	2.54	No 2.13 Thermal Discharging
SAV063	144	'9122094_/_9122091_2'		3.8	6.5	10	2.13	1.6	8.33	2.54	No 1.6 Element Fault
SAV063	145	'2602429_/_44067201'		3	6.5	10	2.13	1.6	8.97	2.54	No 1.6 Element Fault
SAV063	146	'2658677_/_2658674'		3.8	6.5	10	2.13	10	8.29	2.54	No 2.13 Thermal Discharging
SAV063	147	'43175050_/_43175052'		2.9	6.5	10	2.13	10	8.16	2.54	No 2.13 Thermal Discharging
SAV063	148	'43174892_/_43174894'		3	6.5	10	2.13	1.6	8.95	2.54	No 1.6 Element Fault
SAV063	149	'40668165_/_9072455'		2.9	6.5	10	2.13	4.9	8.95	2.54	No 2.13 Thermal Discharging
SAV063	150	'8804744_/_9122091_3'		3.8	6.5	10	2.13	1.6	8.29	2.54	No 1.6 Element Fault
SAV063	151	'43174907_/_43174909'		2.8	6.4	10	2.13	10	8.1	2.54	No 2.13 Thermal Discharging
SAV063	152	'43183259_/_2652071'		3.7	6.4	10	2.13	10	8.2	2.54	No 2.13 Thermal Discharging
SAV063	153	'2605974_/_2605991_2'		2.8	6.4	10	2.13	10	8.04	2.54	No 2.13 Thermal Discharging
SAV063	154	'43174920_/_2605991_1'		2.8	6.4	10	2.13	10	8.04	2.54	No 2.13 Thermal Discharging
SAV063	155	'2605957_/_2605971'		2.8	6.3	10	2.13	10	7.97	2.54	No 2.13 Thermal Discharging
SAV063	156	'2652074_/_43183261'		3.7	6.3	10	2.13	10	8.08	2.54	No 2.13 Thermal Discharging
SAV063	157	'2605940_/_2605954'		2.8	6.3	10	2.13	10	7.9	2.54	No 2.13 Thermal Discharging
SAV063	158	'2602430_/_2602427'		2.9	6.3	10	2.13	1.6	8.71	2.54	No 1.6 Element Fault
SAV063	159	'2605923_/_2605937'		2.7	6.2	10	2.13	10	7.84	2.54	No 2.13 Thermal Discharging
SAV063	160	'2652091_/_2652088'		3.6	6.2	10	2.13	10	7.99	2.54	No 2.13 Thermal Discharging
SAV063	161	'2652107_/_2652105'		3.6	6.2	10	2.13	10	7.94	2.54	No 2.13 Thermal Discharging
SAV063	162	'2605906_/_2605920'		2.7	6.2	10	2.13	10	7.78	2.54	No 2.13 Thermal Discharging
SAV063	163	'394106064_/_2665691_2'		1.2	2.07	3.33	0.71	1.1	2.64	0.85	No 0.71 Thermal Discharging
SAV063	164	'2605889_/_2605903'		2.7	6.1	10	2.13	10	7.72	2.54	No 2.13 Thermal Discharging
SAV063	165	'122997409_/_43185446'		3.6	6.1	10	2.13	10	7.88	2.54	No 2.13 Thermal Discharging
SAV063	166	'40668099_/_9703736'		1.47	4.07	6.67	1.42	1.07	5.96	1.69	No 1.07 Element Fault
SAV063	167	'43185444_/_122997419'		3.6	6.1	10	2.13	10	7.85	2.54	No 2.13 Thermal Discharging
SAV063	168	'122997495_/_122997460_1'		3.6	6.1	10	2.13	1.6	7.85	2.54	No 1.6 Element Fault
SAV063	169	'2605848_/_2605886'		2.7	6.1	10	2.13	10	7.66	2.54	No 2.13 Thermal Discharging
SAV063	170	'512665343_/_512665326'		1.07	2.03	3.33	0.71	0.5	2.75	0.85	No 0.5 Element Fault
SAV063	171	'2602446_/_2602444'		2.8	6.1	10	2.13	1.6	8.49	2.54	No 1.6 Element Fault
SAV063	172	'2605849_/_2605846'		2.7	6.1	10	2.13	10	7.62	2.54	No 2.13 Thermal Discharging
SAV063	173	'2666486_/_2666463'		3.5	6	10	2.13	10	7.76	2.54	No 2.13 Thermal Discharging
SAV063	174	'2665680_/_2665691_1'		1.2	2	3.33	0.71	0.8	2.6	0.85	No 0.71 Thermal Discharging
SAV063	175	'8177618_/_512665408'		1.03	2	3.33	0.71	0.5	2.73	0.85	No 0.5 Element Fault
SAV063	176	'2605868_/_2605866'		2.6	6	10	2.13	10	7.54	2.54	No 2.13 Thermal Discharging
SAV063	177	'49931204_/_88372151_1'		3.5	6	10	2.13	1.6	7.72	2.54	No 1.6 Element Fault
SAV063	178	'50263101_/_9389068'		2.7	6	10	2.13	4.9	8.38	2.54	No 2.13 Thermal Discharging
SAV063	179	'43175669_/_43175671'		2.7	5.9	10	2.13	1.6	8.35	2.54	No 1.6 Element Fault
SAV063	180	'43185457_/_2672424'		3.5	5.9	10	2.13	10	7.66	2.54	No 2.13 Thermal Discharging
SAV063	181	'38950545_/_7544607_1'		1.17	1.97	3.33	0.71	0.8	2.57	0.85	No 0.71 Thermal Discharging
SAV063	182	'7229176_/_7229174_1'		1.17	1.97	3.33	0.71	0.5	2.53	0.85	No 0.5 Element Fault
SAV063	183	'2660579_/_43185459'		3.4	5.9	10	2.13	10	7.57	2.54	No 2.13 Thermal Discharging
SAV063	184	'2660542_/_2660577'		3.4	5.8	10	2.13	10	7.47	2.54	No 2.13 Thermal Discharging
SAV063	185	'2603671_/_2603685'		2.6	5.8	10	2.13	1.6	8.14	2.54	No 1.6 Element Fault
SAV063	186	'107900162_/_122997460_2'		3.4	5.7	10	2.13	1.6	7.51	2.54	No 1.6 Element Fault
SAV063	187	'122518038_/_2660540'		3.3	5.7	10	2.13	10	7.4	2.54	No 2.13 Thermal Discharging
SAV063	188	'122518152_/_122518113_1'		3.3	5.7	10	2.13	1.6	7.39	2.54	No 1.6 Element Fault
SAV063	189	'2660543_/_122518040'		3.3	5.7	10	2.13	10	7.38	2.54	No 2.13 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
											VSR (MW)	Limiting Threshold
SAV063	190	'43183283_/2644286'		1.13	1.9	3.33	0.71	0.8	2.49	0.85 No	0.71	Thermal Discharging
SAV063	191	'7541530_/64020562'		2.6	5.7	10	2.13	4.9	8.09	2.54 No	2.13	Thermal Discharging
SAV063	192	'2660597_/2660594'		3.3	5.7	10	2.13	10	7.34	2.54 No	2.13	Thermal Discharging
SAV063	193	'2603654_/2603668'		2.6	5.6	10	2.13	1.6	7.96	2.54 No	1.6	Element Fault
SAV063	194	'2660805_/2660802'		3.3	5.6	10	2.13	10	7.24	2.54 No	2.13	Thermal Discharging
SAV063	195	'7541529_/7541527'		2.5	5.6	10	2.13	4.9	7.94	2.54 No	2.13	Thermal Discharging
SAV063	196	'2607248_/2607245'		2.4	5.5	10	2.13	10	6.94	2.54 No	2.13	Thermal Discharging
SAV063	197	'2672495_/2672492'		3.2	5.5	10	2.13	10	7.14	2.54 No	2.13	Thermal Discharging
SAV063	198	'7229177_/7229174_2'		1.13	1.83	3.33	0.71	0.5	2.41	0.85 No	0.5	Element Fault
SAV063	199	'51124785_/7805340'		2.5	5.5	10	2.13	4.9	7.83	2.54 No	2.13	Thermal Discharging
SAV063	200	'38109871_/8127729'		1.6	3.53	6.67	1.42	3.27	5.24	1.69 No	1.42	Thermal Discharging
SAV063	201	'88372110_/88372115'		2.13	3.6	6.67	1.42	1.07	4.86	1.69 No	1.07	Element Fault
SAV063	202	'7805327_/652488855'		1.6	3.53	6.67	1.42	3.27	5.22	1.69 No	1.42	Thermal Discharging
SAV063	203	'2672271_/2672509'		3.2	5.4	10	2.13	10	7.07	2.54 No	2.13	Thermal Discharging
SAV063	204	'4992106_/7071543'		2.4	5.4	10	2.13	10	6.81	2.54 No	2.13	Thermal Discharging
SAV063	205	'51124819_/51124847'		2.5	5.4	10	2.13	4.9	7.79	2.54 No	2.13	Thermal Discharging
SAV063	206	'49199670_/9435734_1'		0.53	0.87	3.33	0.71	0.5	2.36	0.85 No	0.5	Element Fault
SAV063	207	'465860210_/462600906_1'		1.07	1.8	3.33	0.71	0.5	2.35	0.85 No	0.5	Element Fault
SAV063	208	'8437028_/9072137'		0.83	1.8	3.33	0.71	1.6	2.39	0.85 No	0.71	Thermal Discharging
SAV063	209	'4991401_/4992103'		2.4	5.4	10	2.13	10	6.78	2.54 No	2.13	Thermal Discharging
SAV063	210	'51124711_/51124826'		2.5	5.4	10	2.13	4.9	7.75	2.54 No	2.13	Thermal Discharging
SAV063	211	'88372146_/88372151_2'		3.2	5.4	10	2.13	1.6	7.17	2.54 No	1.6	Element Fault
SAV063	212	'65248866_/51124713'		2.5	5.4	10	2.13	4.9	7.74	2.54 No	2.13	Thermal Discharging
SAV063	213	'2672272_/2672269'		3.1	5.4	10	2.13	10	7	2.54 No	2.13	Thermal Discharging
SAV063	214	'65248869_/652488715'		2.5	5.4	10	2.13	4.9	7.72	2.54 No	2.13	Thermal Discharging
SAV063	215	'122518064_/122518113_2'		3.2	5.3	10	2.13	1.6	7.06	2.54 No	1.6	Element Fault
SAV063	216	'7805326_/652488731'		2.5	5.4	10	2.13	4.9	7.69	2.54 No	2.13	Thermal Discharging
SAV063	217	'4991364_/4991398'		2.3	5.3	10	2.13	10	6.7	2.54 No	2.13	Thermal Discharging
SAV063	218	'43185483_/624671493'		3.1	5.3	10	2.13	10	6.95	2.54 No	2.13	Thermal Discharging
SAV063	219	'2660824_/43185485'		3.1	5.3	10	2.13	10	6.89	2.54 No	2.13	Thermal Discharging
SAV063	220	'142208730_/4991361_2'		2.3	5.3	10	2.13	10	6.6	2.54 No	2.13	Thermal Discharging
SAV063	221	'2644302_/43183285'		1.03	1.77	3.33	0.71	0.8	2.35	0.85 No	0.71	Thermal Discharging
SAV063	222	'2672313_/2672310'		3	5.2	10	2.13	10	6.8	2.54 No	2.13	Thermal Discharging
SAV063	223	'2603637_/2603651'		2.4	5.2	10	2.13	1.6	7.47	2.54 No	1.6	Element Fault
SAV063	224	'2660613_/2672330'		3	5.1	10	2.13	10	6.72	2.54 No	2.13	Thermal Discharging
SAV063	225	'466912046_/466912006_1'		1	1.7	3.33	0.71	0.5	2.23	0.85 No	0.5	Element Fault
SAV063	226	'652488807_/652488840'		2.3	5.1	10	2.13	4.9	7.42	2.54 No	2.13	Thermal Discharging
SAV063	227	'2660614_/2660611'		3	5.1	10	2.13	10	6.66	2.54 No	2.13	Thermal Discharging
SAV063	228	'2603620_/2603634'		2.3	5	10	2.13	1.6	7.34	2.54 No	1.6	Element Fault
SAV063	229	'7544610_/7544607_2'		1	1.67	3.33	0.71	0.8	2.28	0.85 No	0.71	Thermal Discharging
SAV063	230	'436523992_/107900173'		3	5	10	2.13	1.6	6.83	2.54 No	1.6	Element Fault
SAV063	231	'2660634_/2660631'		2.9	5	10	2.13	10	6.57	2.54 No	2.13	Thermal Discharging
SAV063	232	'394520318_/328430060'		3	5	10	2.13	1.6	6.73	2.54 No	1.6	Element Fault
SAV063	233	'485351036_/466912006_2'		1	1.67	3.33	0.71	0.5	2.19	0.85 No	0.5	Element Fault
SAV063	234	'8804374_/9121681'		1.03	1.67	3.33	0.71	0.5	2.25	0.85 No	0.5	Element Fault
SAV063	235	'2660651_/2660648'		2.9	5	10	2.13	10	6.51	2.54 No	2.13	Thermal Discharging
SAV063	236	'8453102_/8453100_1'		0.97	1.63	3.33	0.71	0.5	2.17	0.85 No	0.5	Element Fault
SAV063	237	'2644315_/2644312'		0.97	1.63	3.33	0.71	0.8	2.24	0.85 No	0.71	Thermal Discharging
SAV063	238	'2672545_/2672560'		2.9	4.9	10	2.13	10	6.44	2.54 No	2.13	Thermal Discharging
SAV063	239	'381005202_/652488811_1'		2.2	4.9	10	2.13	1.6	7.15	2.54 No	1.6	Element Fault
SAV063	240	'7823073_/7823070_2'		2.9	4.9	10	2.13	5.4	6.42	2.54 No	2.13	Thermal Discharging
SAV063	241	'2660670_/2672543'		2.8	4.9	10	2.13	10	6.39	2.54 No	2.13	Thermal Discharging
SAV063	242	'7823072_/7823070_1'		2.9	4.8	10	2.13	1.5	6.38	2.54 No	1.5	Element Fault
SAV063	243	'49242610_/8771564_1'		2.8	4.8	10	2.13	1.5	6.36	2.54 No	1.5	Element Fault
SAV063	244	'462600887_/462600906_2'		1.03	1.6	3.33	0.71	0.5	2.16	0.85 No	0.5	Element Fault
SAV063	245	'485351004_/485351068'		1	1.6	3.33	0.71	0.5	2.14	0.85 No	0.5	Element Fault
SAV063	246	'9121720_/9121717'		2.9	4.8	10	2.13	1.6	6.61	2.54 No	1.6	Element Fault
SAV063	247	'2602329_/2605792'		2.2	4.8	10	2.13	1.6	7.06	2.54 No	1.6	Element Fault
SAV063	248	'2660671_/2660668'		2.8	4.8	10	2.13	10	6.32	2.54 No	2.13	Thermal Discharging
SAV063	249	'7226078_/7226076_1'		2.2	4.8	10	2.13	0.9	7.03	2.54 No	0.9	Element Fault
SAV063	250	'2660694_/2660691'		2.8	4.8	10	2.13	10	6.28	2.54 No	2.13	Thermal Discharging
SAV063	251	'7226079_/7226076_2'		2.2	4.8	10	2.13	0.9	6.99	2.54 No	0.9	Element Fault
SAV063	252	'707069165_/567132275_1'		2.8	4.7	10	2.13	1.5	6.26	2.54 No	1.5	Element Fault
SAV063	253	'8453103_/8453100_2'		0.97	1.57	3.33	0.71	0.5	2.1	0.85 No	0.5	Element Fault
SAV063	254	'132926945_/459388388'		1	1.57	3.33	0.71	0.53	1.89	0.85 No	0.53	Element Fault
SAV063	255	'43185537_/2660708'		2.7	4.7	10	2.13	10	6.22	2.54 No	2.13	Thermal Discharging
SAV063	256	'2602330_/2602327'		2.2	4.7	10	2.13	1.6	6.93	2.54 No	1.6	Element Fault
SAV063	257	'394520404_/394520423'		2.8	4.7	10	2.13	1.6	6.41	2.54 No	1.6	Element Fault
SAV063	258	'2603932_/2603947'		2.1	4.7	10	2.13	1.6	6.89	2.54 No	1.6	Element Fault
SAV063	259	'481553630_/462600982'		1	1.57	3.33	0.71	0.5	2.11	0.85 No	0.5	Element Fault
SAV063	260	'2660711_/43185539'		2.7	4.7	10	2.13	10	6.16	2.54 No	2.13	Thermal Discharging
SAV063	261	'707069159_/567132275_2'		2.8	4.6	10	2.13	1.5	6.17	2.54 No	1.5	Element Fault
SAV063	262	'43183294_/2644325'		0.9	1.53	3.33	0.71	0.8	2.12	0.85 No	0.71	Thermal Discharging
SAV063	263	'43176380_/2660728'		2.7	4.6	10	2.13	10	6.06	2.54 No	2.13	Thermal Discharging
SAV063	264	'7854138_/7854136'		0.4	0.63	3.33	0.71	0.53	1.85	0.85 No	0.4	Primary Over-Voltage
SAV063	265	'715713041_/43176382'		2.7	4.6	10	2.13	10	6.03	2.54 No	2.13	Thermal Discharging
SAV063	266	'8453119_/8453116'		2.9	4.5	10	2.13	1.5	6.09	2.54 No	1.5	Element Fault
SAV063	267	'715713115_/715713073'		2.6	4.5	10	2.13	10	6	2.54 No	2.13	Thermal Discharging
SAV063	268	'715713110_/715713113'		2.6	4.5	10	2.13	10	6	2.54 No	2.13	Thermal Discharging
SAV063	269	'715713109_/715713107'		2.6	4.5	10	2.13	10	6	2.54 No	2.13	Thermal Discharging
SAV063	270	'715713127_/715713125'		2.6	4.5	10	2.13	3.5	6	2.54 No	2.13	Thermal Discharging
SAV063	271	'715713121_/715713119'		2.6	4.5	10	2.13	3.4	6	2.54 No	2.13	Thermal Discharging
SAV063	272	'43175656_/2603617'		2.1	4.5	10	2.13	1.6	6.7	2.54 No	1.6	Element Fault
SAV063	273	'2603933_/2603930'		2.1	4.5	10	2.13	1.6	6.7	2.54 No	1.6	Element Fault
SAV063	274	'8771351_/8771348'		2.9	4.5	10	2.13	1.5	6.02	2.54 No	1.5	Element Fault
SAV063	275	'715713275_/715713306'		2.6	4.5	10	2.13	3.5	5.93	2.54 No	2.13	Thermal Discharging
SAV063	276	'715713526_/715713186_1'		2.6	4.5	10	2.13	10	5.93	2.54 No	2.13	Thermal Discharging
SAV063	277	'715713475_/715713186_2'		2.6	4.4	10	2.13	10	5.92	2.54 No	2.13	Thermal Discharging
SAV063	278	'2660748_/715713481'		2.6	4.4	10	2.13	10	5.92	2.54 No	2.13	Thermal Discharging
SAV063	279	'2672579_/2672594'		2.6	4.4	10	2.13	10	5.9	2.54 No	2.13	Thermal Discharging
SAV063	280	'2660764_/2672577'		2.6	4.4	10	2.13	10	5.87	2.54 No	2.13	Thermal Discharging
SAV063	281	'252698902_/252698921'		2.6	4.4	10	2.13	1.6	6.16	2.54 No	1.6	Element Fault
SAV063	282	'394520361_/394520449'		2.6	4.4	10	2.13	1.6	6.11	2.54 No	1.6	Element Fault
SAV063	283	'49482400_/8452950_2'		0.87	1.47	3.33	0.71	1.8	1.95	0.85 No	0.71	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SAV063	284	'485350972_/_485351020'	0.97	1.47	3.33	0.71	0.5	2	0.85 No	0.5	Element Fault
SAV063	285	'446776355_/_426787356_1'	2.5	4	10	2.13	1.6	6.14	2.54 No	1.6	Element Fault
SAV063	286	'715713223_/_715713252'	2.6	4.4	10	2.13	3.4	5.85	2.54 No	2.13	Thermal Discharging
SAV063	287	'429074921_/_429074940'	2.6	4.3	10	2.13	1.6	6.12	2.54 No	1.6	Element Fault
SAV063	288	'728254763_/_728254767'	2.6	4.3	10	2.13	3.4	5.82	2.54 No	2.13	Thermal Discharging
SAV063	289	'2660765_/_2660762'	2.6	4.3	10	2.13	10	5.79	2.54 No	2.13	Thermal Discharging
SAV063	290	'43183305_/_2644338'	0.87	1.43	3.33	0.71	0.8	2.03	0.85 No	0.71	Thermal Discharging
SAV063	291	'544811573_/_2672611'	2.6	4.3	10	2.13	10	5.78	2.54 No	2.13	Thermal Discharging
SAV063	292	'544811643_/_544811577_1'	2.6	4.3	10	2.13	10	5.78	2.54 No	2.13	Thermal Discharging
SAV063	293	'728254746_/_728254750'	2.6	4.3	10	2.13	3.4	5.81	2.54 No	2.13	Thermal Discharging
SAV063	294	'2672614_/_544811577_2'	2.6	4.3	10	2.13	10	5.73	2.54 No	2.13	Thermal Discharging
SAV063	295	'136910461_/_9434026_2'	0.87	1.43	3.33	0.71	0.8	2.01	0.85 No	0.71	Thermal Discharging
SAV063	296	'9404642_/_9404740'	0.97	1.43	3.33	0.71	0.5	1.95	0.85 No	0.5	Element Fault
SAV063	297	'2605325_/_43175658'	2	4.3	10	2.13	1.6	6.41	2.54 No	1.6	Element Fault
SAV063	298	'2672634_/_2672631'	2.6	4.3	10	2.13	10	5.7	2.54 No	2.13	Thermal Discharging
SAV063	299	'8452953_/_8452950_1'	0.87	1.4	3.33	0.71	0.5	1.91	0.85 No	0.5	Element Fault
SAV063	300	'481553660_/_481553676'	0.93	1.4	3.33	0.71	0.5	1.97	0.85 No	0.5	Element Fault
SAV063	301	'454839898_/_454839902'	1.67	2.8	6.67	1.42	2.33	3.85	1.69 No	1.42	Thermal Discharging
SAV063	302	'8144256_/_8144253_2'	2.6	4.2	10	2.13	5.6	5.68	2.54 No	2.13	Thermal Discharging
SAV063	303	'2672654_/_2672651'	2.6	4.2	10	2.13	10	5.67	2.54 No	2.13	Thermal Discharging
SAV063	304	'454839871_/_454839875'	2.5	4.2	10	2.13	3.5	5.71	2.54 No	2.13	Thermal Discharging
SAV063	305	'7543101_/_459388399'	0.87	1.4	3.33	0.71	0.53	1.76	0.85 No	0.53	Element Fault
SAV063	306	'2605308_/_2605322'	1.9	4.2	10	2.13	1.6	6.34	2.54 No	1.6	Element Fault
SAV063	307	'49962453_/_8453152_2'	0.87	1.4	3.33	0.71	1.8	1.88	0.85 No	0.71	Thermal Discharging
SAV063	308	'8771210_/_7144392'	2.6	4.2	10	2.13	10	5.63	2.54 No	2.13	Thermal Discharging
SAV063	309	'7822972_/_7822970_1'	2.6	4.2	10	2.13	1.7	5.61	2.54 No	1.7	Element Fault
SAV063	310	'2605341_/_2605393'	1.9	4.2	10	2.13	1.6	6.3	2.54 No	1.6	Element Fault
SAV063	311	'51779361_/_2660779'	2.6	4.2	10	2.13	10	5.59	2.54 No	2.13	Thermal Discharging
SAV063	312	'8771330_/_8771564_2'	2.7	4.2	10	2.13	1.5	5.72	2.54 No	1.5	Element Fault
SAV063	313	'51779365_/_51779338'	2.6	4.1	10	2.13	10	5.54	2.54 No	2.13	Thermal Discharging
SAV063	314	'7543117_/_8486943'	0.83	1.37	3.33	0.71	0.8	1.97	0.85 No	0.71	Thermal Discharging
SAV063	315	'8486929_/_9434026_1'	0.83	1.37	3.33	0.71	0.3	1.95	0.85 No	0.3	Element Fault
SAV063	316	'8144255_/_8144253_1'	2.6	4.1	10	2.13	1.7	5.54	2.54 No	1.7	Element Fault
SAV063	317	'9089453_/_9716922'	2.6	4.1	10	2.13	1.7	5.52	2.54 No	1.7	Element Fault
SAV063	318	'7854154_/_9121665'	0.4	0.63	3.33	0.71	0.53	1.72	0.85 No	0.4	Primary Over-Voltage
SAV063	319	'2605288_/_2605305'	1.9	4.1	10	2.13	1.6	6.12	2.54 No	1.6	Element Fault
SAV063	320	'9089454_/_9089451'	2.6	4	10	2.13	1.7	5.48	2.54 No	1.7	Element Fault
SAV063	321	'328430002_/_394520365'	2.4	4	10	2.13	1.6	5.74	2.54 No	1.6	Element Fault
SAV063	322	'328429977_/_328429999'	2.4	4	10	2.13	1.6	5.74	2.54 No	1.6	Element Fault
SAV063	323	'328429986_/_328429983'	0.8	1.33	3.33	0.71	0.53	1.91	0.85 No	0.53	Element Fault
SAV063	324	'328429978_/_328429975'	2.4	4	10	2.13	1.6	5.74	2.54 No	1.6	Element Fault
SAV063	325	'328429994_/_328429991'	2.4	4	10	2.13	1.6	5.74	2.54 No	1.6	Element Fault
SAV063	326	'8804375_/_8804372'	0.83	1.33	3.33	0.71	0.5	1.92	0.85 No	0.5	Element Fault
SAV063	327	'8804343_/_8804340'	0.4	0.63	3.33	0.71	0.53	1.7	0.85 No	0.4	Primary Over-Voltage
SAV063	328	'88372322_/_88372333'	0.9	1.33	3.33	0.71	0.53	1.66	0.85 No	0.53	Element Fault
SAV063	329	'8453138_/_8453152_1'	0.87	1.33	3.33	0.71	0.5	1.8	0.85 No	0.5	Element Fault
SAV063	330	'51779373_/_2644435'	2.6	4	10	2.13	6.7	5.36	2.54 No	2.13	Thermal Discharging
SAV063	331	'7823109_/_7823106'	2.6	4	10	2.13	3.4	5.44	2.54 No	2.13	Thermal Discharging
SAV063	332	'485350940_/_485350988'	0.87	1.33	3.33	0.71	0.5	1.85	0.85 No	0.5	Element Fault
SAV063	333	'8143981_/_9404488'	2.6	4	10	2.13	1.7	5.39	2.54 No	1.7	Element Fault
SAV063	334	'8143962_/_8143959'	2.6	3.9	10	2.13	3.4	5.43	2.54 No	2.13	Thermal Discharging
SAV063	335	'8143941_/_9716552'	2.6	3.9	10	2.13	3.4	5.42	2.54 No	2.13	Thermal Discharging
SAV063	336	'481553743_/_481553759'	0.87	1.3	3.33	0.71	0.5	1.85	0.85 No	0.5	Element Fault
SAV063	337	'328430236_/_328430088_1'	0.8	1.3	3.33	0.71	0.5	1.86	0.85 No	0.5	Element Fault
SAV063	338	'399131912_/_2605681_1'	1.27	2.6	6.67	1.42	0.4	3.94	1.69 No	0.4	Element Fault
SAV063	339	'7227318_/_7543115'	0.77	1.3	3.33	0.71	0.8	1.88	0.85 No	0.71	Thermal Discharging
SAV063	340	'43176298_/_2605339'	1.8	3.9	10	2.13	1.6	5.92	2.54 No	1.6	Element Fault
SAV063	341	'2605271_/_2605285'	1.8	3.9	10	2.13	1.6	5.91	2.54 No	1.6	Element Fault
SAV063	342	'2644370_/_328430088_2'	0.8	1.3	3.33	0.71	0.5	1.85	0.85 No	0.5	Element Fault
SAV063	343	'8177128_/_8771328'	2.5	3.9	10	2.13	1.5	5.42	2.54 No	1.5	Element Fault
SAV063	344	'390261696_/_8143939'	2.6	3.9	10	2.13	3.4	5.34	2.54 No	2.13	Thermal Discharging
SAV063	345	'2605684_/_2605681_2'	1.2	2.6	6.67	1.42	0.4	3.89	1.69 No	0.4	Element Fault
SAV063	346	'7543065_/_9121617'	0.4	0.63	3.33	0.71	0.53	1.66	0.85 No	0.4	Primary Over-Voltage
SAV063	347	'8486930_/_8486927'	0.77	1.27	3.33	0.71	0.3	1.84	0.85 No	0.3	Element Fault
SAV063	348	'2605270_/_43176275'	1.8	3.8	10	2.13	1.6	5.84	2.54 No	1.6	Element Fault
SAV063	349	'51779377_/_43183318'	2.6	3.8	10	2.13	6.7	5.23	2.54 No	2.13	Thermal Discharging
SAV063	350	'8453139_/_8453136'	0.87	1.27	3.33	0.71	0.5	1.75	0.85 No	0.5	Element Fault
SAV063	351	'390261612_/_390261793'	2.6	3.8	10	2.13	3.4	5.3	2.54 No	2.13	Thermal Discharging
SAV063	352	'9089505_/_9716942'	0.87	1.27	3.33	0.71	0.5	1.76	0.85 No	0.5	Element Fault
SAV063	353	'9089683_/_9404640'	0.9	1.27	3.33	0.71	0.5	1.79	0.85 No	0.5	Element Fault
SAV063	354	'8143942_/_390261616'	2.5	3.8	10	2.13	3.4	5.26	2.54 No	2.13	Thermal Discharging
SAV063	355	'43176311_/_2605376'	1.7	3.8	10	2.13	1.6	5.75	2.54 No	1.6	Element Fault
SAV063	356	'8144359_/_8771506'	2.2	3.7	10	2.13	3.5	5.22	2.54 No	2.13	Thermal Discharging
SAV063	357	'51779381_/_2644489'	2.5	3.7	10	2.13	6.7	5.11	2.54 No	2.13	Thermal Discharging
SAV063	358	'2644383_/_2644380'	0.77	1.23	3.33	0.71	0.5	1.78	0.85 No	0.5	Element Fault
SAV063	359	'8413645_/_8413642'	2.5	3.7	10	2.13	3.4	5.18	2.54 No	2.13	Thermal Discharging
SAV063	360	'446753905_/_446753849_1'	2.5	3.7	10	2.13	3.3	5.09	2.54 No	2.13	Thermal Discharging
SAV063	361	'7854139_/_8177631'	1.2	1.9	10	2.13	1.6	5.42	2.54 No	1.2	Primary Over-Voltage
SAV063	362	'430400961_/_446753849_2'	2.5	3.7	10	2.13	3.3	5.06	2.54 No	2.13	Thermal Discharging
SAV063	363	'426787561_/_437497066'	2.2	3.7	10	2.13	1.6	5.31	2.54 No	1.6	Element Fault
SAV063	364	'7822973_/_7822970_2'	2.5	3.7	10	2.13	1.7	5.08	2.54 No	1.7	Element Fault
SAV063	365	'481553775_/_481553791'	0.8	1.2	3.33	0.71	0.5	1.74	0.85 No	0.5	Element Fault
SAV063	366	'7227302_/_459388414'	0.77	1.2	3.33	0.71	0.53	1.59	0.85 No	0.53	Element Fault
SAV063	367	'8144013_/_9089095'	2.4	3.6	10	2.13	3.4	5.1	2.54 No	2.13	Thermal Discharging
SAV063	368	'51779385_/_2644506'	2.5	3.6	10	2.13	6.7	5.01	2.54 No	2.13	Thermal Discharging
SAV063	369	'7227270_/_9121649'	0.77	1.2	3.33	0.71	0.5	1.76	0.85 No	0.5	Element Fault
SAV063	370	'8144340_/_8144337'	2.1	3.1	10	2.13	3.5	5.08	2.54 No	2.1	Primary Over-Voltage
SAV063	371	'7823092_/_9089681'	0.87	1.2	3.33	0.71	0.5	1.72	0.85 No	0.5	Element Fault
SAV063	372	'390261654_/_390261658'	2.4	3.6	10	2.13	3.4	5.07	2.54 No	2.13	Thermal Discharging
SAV063	373	'712272368_/_8770994'	1.7	2.5	10	2.13	1.7	5.01	2.54 No	1.7	Primary Over-Voltage
SAV063	374	'429757200_/_2672475'	2.4	3.6	10	2.13	6.7	4.96	2.54 No	2.13	Thermal Discharging
SAV063	375	'450823609_/_429757281_1'	2.4	3.6	10	2.13	3.4	4.95	2.54 No	2.13	Thermal Discharging
SAV063	376	'8487903_/_8804388'	0.7	1.2	3.33	0.71	0.3	1.74	0.85 No	0.3	Element Fault
SAV063	377	'390261738_/_390261834'	2.4	3.6	10	2.13	3.4	5.03	2.54 No	2.13	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SAV063	378	'2644396_/_2644393'	0.73	1.2	3.33	0.71	0.5	1.72	0.85 No	0.5	Element Fault
SAV063	379	'2605359_/_2605356'	1.6	3.6	10	2.13	1.6	5.5	2.54 No	1.6	Primary Over-Voltage
SAV063	380	'7226449_/_7852864_1'	1.6	3.6	10	2.13	0.9	5.48	2.54 No	0.9	Element Fault
SAV063	381	'356390371_/_429757208'	2.4	3.6	10	2.13	6.6	4.93	2.54 No	2.13	Thermal Discharging
SAV063	382	'356390402_/_356390281_2'	2.4	3.5	10	2.13	5.4	4.92	2.54 No	2.13	Thermal Discharging
SAV063	383	'51779393_/_356390375'	2.4	3.5	10	2.13	6.5	4.9	2.54 No	2.13	Thermal Discharging
SAV063	384	'7543081_/_8177125'	2.3	3.5	10	2.13	1.5	5.02	2.54 No	1.5	Element Fault
SAV063	385	'51779505_/_8805674_2'	0.8	1.17	3.33	0.71	1.8	1.63	0.85 No	0.71	Thermal Discharging
SAV063	386	'620604438_/_481553876'	0.77	1.17	3.33	0.71	0.5	1.69	0.85 No	0.5	Element Fault
SAV063	387	'712272417_/_712272433'	1.7	2.5	10	2.13	1.7	4.91	2.54 No	1.7	Primary Over-Voltage
SAV063	388	'581372128_/_429757281_2'	2.4	3.5	10	2.13	3.4	4.87	2.54 No	2.13	Thermal Discharging
SAV063	389	'2644409_/_2644406'	0.7	1.17	3.33	0.71	0.5	1.69	0.85 No	0.5	Element Fault
SAV063	390	'7543082_/_7543079'	2.2	3.5	10	2.13	1.5	4.98	2.54 No	1.5	Element Fault
SAV063	391	'7852867_/_7852864_2'	1.6	3.5	10	2.13	0.9	5.38	2.54 No	0.9	Element Fault
SAV063	392	'7227319_/_7227316'	0.7	1.17	3.33	0.71	0.8	1.7	0.85 No	0.7	Primary Over-Voltage
SAV063	393	'479020616_/_471096760'	1.6	3.5	10	2.13	1.6	5.35	2.54 No	1.6	Primary Over-Voltage
SAV063	394	'581372110_/_581372169'	2.4	3.4	10	2.13	3.4	4.82	2.54 No	2.13	Thermal Discharging
SAV063	395	'712272351_/_712272449'	1.7	2.5	10	2.13	1.7	4.83	2.54 No	1.7	Primary Over-Voltage
SAV063	396	'660696675_/_712272355'	1.7	2.5	10	2.13	1.7	4.82	2.54 No	1.7	Primary Over-Voltage
SAV063	397	'466726026_/_466726046'	2.3	3.4	10	2.13	3.3	4.78	2.54 No	2.13	Thermal Discharging
SAV063	398	'7511881_/_8771280'	0.83	1.13	3.33	0.71	0.5	1.6	0.85 No	0.5	Element Fault
SAV063	399	'9121740_/_437497024'	2.1	3.4	10	2.13	1.6	5	2.54 No	1.6	Element Fault
SAV063	400	'581372420_/_581372467'	2.3	3.4	10	2.13	3.4	4.77	2.54 No	2.13	Thermal Discharging
SAV063	401	'7227254_/_7543063'	0.4	0.63	3.33	0.71	0.53	1.52	0.85 No	0.4	Primary Over-Voltage
SAV063	402	'8144014_/_8144011'	2.3	3.4	10	2.13	3.4	4.83	2.54 No	2.13	Thermal Discharging
SAV063	403	'471096763_/_479020620'	1.6	3.4	10	2.13	1.6	5.24	2.54 No	1.6	Primary Over-Voltage
SAV063	404	'7813297_/_660696679'	1.7	2.5	10	2.13	1.7	4.77	2.54 No	1.7	Primary Over-Voltage
SAV063	405	'9089150_/_9089147'	2.3	3.4	10	2.13	3.4	4.8	2.54 No	2.13	Thermal Discharging
SAV063	406	'7823093_/_7823090'	0.8	1.1	3.33	0.71	0.5	1.62	0.85 No	0.5	Element Fault
SAV063	407	'2644471_/_2644523'	2.3	3.3	10	2.13	6.5	4.7	2.54 No	2.13	Thermal Discharging
SAV063	408	'9120368_/_9120365'	1.5	3.3	10	2.13	0.9	5.16	2.54 No	0.9	Element Fault
SAV063	409	'9089506_/_9089503'	0.8	1.1	3.33	0.71	0.5	1.58	0.85 No	0.5	Element Fault
SAV063	410	'7511598_/_9716588'	1.53	2.2	6.67	1.42	2.27	3.13	1.69 No	1.42	Thermal Discharging
SAV063	411	'43183329_/_2644469'	2.2	3.3	10	2.13	6.5	4.63	2.54 No	2.13	Thermal Discharging
SAV063	412	'485350912_/_485350956'	0.73	1.1	3.33	0.71	0.5	1.59	0.85 No	0.5	Element Fault
SAV063	413	'728254808_/_728254824'	0.8	1.07	3.33	0.71	1.13	1.32	0.85 No	0.71	Thermal Discharging
SAV063	414	'481553952_/_481553968'	0.7	1.07	3.33	0.71	0.5	1.59	0.85 No	0.5	Element Fault
SAV063	415	'471096796_/_471096778'	1.5	3.2	10	2.13	1.6	5.06	2.54 No	1.5	Primary Over-Voltage
SAV063	416	'7227303_/_459388435'	0.67	1.07	3.33	0.71	0.53	1.47	0.85 No	0.53	Element Fault
SAV063	417	'8487904_/_8487901'	0.63	1.07	3.33	0.71	0.3	1.61	0.85 No	0.3	Element Fault
SAV063	418	'156632431_/_149282584'	2.1	3.2	10	2.13	1.5	4.71	2.54 No	1.5	Element Fault
SAV063	419	'7227271_/_7227268'	0.67	1.07	3.33	0.71	0.5	1.6	0.85 No	0.5	Element Fault
SAV063	420	'7227334_/_8177145'	0.63	1.07	3.33	0.71	0.8	1.6	0.85 No	0.63	Primary Over-Voltage
SAV063	421	'471096781_/_511211964'	1.5	3.2	10	2.13	1.6	5.02	2.54 No	1.5	Primary Over-Voltage
SAV063	422	'7227255_/_7227252'	0.4	0.63	3.33	0.71	0.53	1.46	0.85 No	0.4	Primary Over-Voltage
SAV063	423	'485350859_/_485350924'	0.7	1.07	3.33	0.71	0.5	1.56	0.85 No	0.5	Element Fault
SAV063	424	'2649858_/_2649873'	2.2	3.2	10	2.13	6.5	4.53	2.54 No	2.13	Thermal Discharging
SAV063	425	'474010114_/_474010170'	0.67	0.87	6.67	1.42	2.33	3.03	1.69 No	0.67	Primary Over-Voltage
SAV063	426	'7511597_/_7813295'	1.7	2.5	10	2.13	1.7	4.53	2.54 No	1.7	Primary Over-Voltage
SAV063	427	'117656759_/_7511595_1'	2.2	3.1	10	2.13	3.4	4.51	2.54 No	2.13	Thermal Discharging
SAV063	428	'429757262_/_581372424'	2.2	3.1	10	2.13	3.4	4.47	2.54 No	2.13	Thermal Discharging
SAV063	429	'7823040_/_8144357'	0.73	1.03	3.33	0.71	1.17	1.28	0.85 No	0.71	Thermal Discharging
SAV063	430	'511211859_/_511211856'	1.4	3.1	10	2.13	1.6	4.89	2.54 No	1.4	Primary Over-Voltage
SAV063	431	'9704339_/_156632485'	2	3.1	10	2.13	1.5	4.57	2.54 No	1.5	Element Fault
SAV063	432	'7854171_/_459388456'	0.67	1.03	3.33	0.71	0.53	1.43	0.85 No	0.53	Element Fault
SAV063	433	'446753722_/_430400971'	2.1	3.1	10	2.13	3.3	4.46	2.54 No	2.1	Primary Over-Voltage
SAV063	434	'7823041_/_7823038'	0.6	1.03	3.33	0.71	1.17	1.28	0.85 No	0.6	Primary Over-Voltage
SAV063	435	'356390262_/_356390281_1'	2.1	3.1	10	2.13	1.6	4.42	2.54 No	1.6	Element Fault
SAV063	436	'8144375_/_8144373_1'	0.3	0.4	3.33	0.71	1.17	1.42	0.85 No	0.3	Primary Over-Voltage
SAV063	437	'7511882_/_7511879'	0.73	1.03	3.33	0.71	0.5	1.48	0.85 No	0.5	Element Fault
SAV063	438	'446776377_/_429075010_1'	1.9	3.1	10	2.13	1.6	4.59	2.54 No	1.6	Element Fault
SAV063	439	'43183637_/_2649856'	2.1	3.1	10	2.13	6.5	4.39	2.54 No	2.1	Primary Over-Voltage
SAV063	440	'462601308_/_481554033'	0.67	1.03	3.33	0.71	0.5	1.52	0.85 No	0.5	Element Fault
SAV063	441	'474010019_/_474010081'	0.67	0.87	6.67	1.42	2.33	2.95	1.69 No	0.67	Primary Over-Voltage
SAV063	442	'511211877_/_511211874'	1.4	3	10	2.13	1.6	4.77	2.54 No	1.4	Primary Over-Voltage
SAV063	443	'391198468_/_391198487'	1.9	3	10	2.13	1.5	4.47	2.54 No	1.5	Element Fault
SAV063	444	'8486913_/_9121633'	0.4	0.63	3.33	0.71	0.53	1.4	0.85 No	0.4	Primary Over-Voltage
SAV063	445	'2651680_/_43183639'	2	3	10	2.13	6.5	4.34	2.54 No	2	Primary Over-Voltage
SAV063	446	'446753667_/_446753741'	2.1	3	10	2.13	3.3	4.35	2.54 No	2.1	Primary Over-Voltage
SAV063	447	'379065267_/_2663841_1'	2	3	10	0.29	6.5	4.31	1.77 No	0.29	Thermal Discharging
SAV063	448	'429757337_/_429757356'	2.1	3	10	2.13	3.4	4.32	2.54 No	2.1	Primary Over-Voltage
SAV063	449	'7228662_/_8805674_1'	0.8	1	3.33	0.71	1.1	1.44	0.85 No	0.71	Thermal Discharging
SAV063	450	'379065221_/_2663841_2'	2	3	10	0.29	6.5	4.29	1.77 No	0.29	Thermal Discharging
SAV063	451	'2663844_/_379065223'	2	3	10	0.29	6.5	4.27	1.77 No	0.29	Thermal Discharging
SAV063	452	'472832004_/_485350865'	0.67	0.97	3.33	0.71	0.5	1.46	0.85 No	0.5	Element Fault
SAV063	453	'9434044_/_9435126'	0.6	0.97	3.33	0.71	0.3	1.48	0.85 No	0.3	Element Fault
SAV063	454	'462601257_/_462601330'	0.63	0.97	3.33	0.71	0.5	1.47	0.85 No	0.5	Element Fault
SAV063	455	'474009924_/_474009956'	0.67	0.87	6.67	1.42	2.33	2.86	1.69 No	0.67	Primary Over-Voltage
SAV063	456	'2663946_/_2671257_1'	0.67	0.97	3.33	0.1	0.3	1.41	0.59 No	0.1	Thermal Discharging
SAV063	457	'2663861_/_2663858'	2	2.9	10	0.29	6.4	4.22	1.77 No	0.29	Thermal Discharging
SAV063	458	'7228663_/_7228660'	0.8	0.97	3.33	0.71	1.1	1.41	0.85 No	0.71	Thermal Discharging
SAV063	459	'7227238_/_8177091'	0.8	1.27	6.67	1.42	1.07	2.95	1.69 No	0.8	Primary Over-Voltage
SAV063	460	'8804358_/_9434042'	0.57	0.97	3.33	0.71	0.3	1.47	0.85 No	0.3	Element Fault
SAV063	461	'446753612_/_446753686'	2	2.9	10	2.13	3.3	4.23	2.54 No	2	Primary Over-Voltage
SAV063	462	'8143982_/_8143979'	0.67	0.97	3.33	0.71	0.57	1.21	0.85 No	0.57	Element Fault
SAV063	463	'8452936_/_9716974'	0.7	0.97	3.33	0.71	0.5	1.41	0.85 No	0.5	Element Fault
SAV063	464	'446753557_/_446753631'	2	2.9	10	2.13	3.3	4.19	2.54 No	2	Primary Over-Voltage
SAV063	465	'43184153_/_2663875'	1.9	2.9	10	0.29	6.4	4.16	1.77 No	0.29	Thermal Discharging
SAV063	466	'429757384_/_429757403'	2	2.9	10	2.13	3.4	4.18	2.54 No	2	Primary Over-Voltage
SAV063	467	'8177111_/_8486911'	0.4	0.63	3.33	0.71	0.53	1.34	0.85 No	0.4	Primary Over-Voltage
SAV063	468	'7511962_/_9717054'	0.63	0.97	3.33	0.71	1.17	1.21	0.85 No	0.63	Primary Over-Voltage
SAV063	469	'8804359_/_8804356'	0.57	0.97	3.33	0.71	0.3	1.44	0.85 No	0.3	Element Fault
SAV063	470	'7854123_/_7854120'	0.6	0.93	3.33	0.71	0.5	1.44	0.85 No	0.5	Element Fault
SAV063	471	'9435269_/_9435282'	0.8	0.93	3.33	0.71	1.1	1.38	0.85 No	0.71	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SAV063	472	'2671260_/_2671257_2'	0.67	0.93	3.33	0.1	0.3	1.37	0.59 No	0.1	Thermal Discharging
SAV063	473	'8452600_/_9434008'	0.73	1.13	6.67	1.42	1.07	2.88	1.69 No	0.73	Primary Over-Voltage
SAV063	474	'7511865_/_9089535'	0.7	0.93	3.33	0.71	0.5	1.39	0.85 No	0.5	Element Fault
SAV063	475	'454839967_/_454839986'	0.7	0.93	3.33	0.71	1.17	1.2	0.85 No	0.7	Primary Over-Voltage
SAV063	476	'474009834_/_474009984'	0.67	0.87	6.67	1.42	2.33	2.77	1.69 No	0.67	Primary Over-Voltage
SAV063	477	'7813281_/_9089131'	0.63	0.93	3.33	0.71	0.57	1.18	0.85 No	0.57	Element Fault
SAV063	478	'8452937_/_8452934'	0.67	0.93	3.33	0.71	0.5	1.38	0.85 No	0.5	Element Fault
SAV063	479	'2663895_/_2663892'	1.9	2.8	10	0.29	6.4	4.07	1.77 No	0.29	Thermal Discharging
SAV063	480	'462601144_/_462601288'	0.6	0.93	3.33	0.71	0.5	1.4	0.85 No	0.5	Element Fault
SAV063	481	'2669625_/_2671273_1'	0.67	0.93	3.33	0.1	0.3	1.35	0.59 No	0.1	Thermal Discharging
SAV063	482	'472832036_/_472832052'	0.6	0.93	3.33	0.71	0.5	1.39	0.85 No	0.5	Element Fault
SAV063	483	'446753502_/_446753576'	1.9	2.8	10	2.13	3.3	4.06	2.54 No	1.9	Primary Over-Voltage
SAV063	484	'2663912_/_2663909'	1.9	2.8	10	0.29	6.4	4.03	1.77 No	0.29	Thermal Discharging
SAV063	485	'2669626_/_2671273_2'	0.67	0.9	3.33	0.1	0.3	1.34	0.59 No	0.1	Thermal Discharging
SAV063	486	'7855212_/_9435266'	0.77	0.9	3.33	0.71	1.1	1.34	0.85 No	0.71	Thermal Discharging
SAV063	487	'8452601_/_8452598'	0.73	1.13	6.67	1.42	1.07	2.79	1.69 No	0.73	Primary Over-Voltage
SAV063	488	'7854202_/_459388477'	0.57	0.9	3.33	0.71	0.53	1.29	0.85 No	0.53	Element Fault
SAV063	489	'7813282_/_7813279'	0.63	0.9	3.33	0.71	0.57	1.15	0.85 No	0.57	Element Fault
SAV063	490	'2663929_/_2663926'	1.8	2.7	10	0.29	6.4	3.93	1.77 No	0.29	Thermal Discharging
SAV063	491	'474009748_/_474009887'	0.67	0.87	6.67	1.42	2.33	2.66	1.69 No	0.67	Primary Over-Voltage
SAV063	492	'9404722_/_9716384'	1.1	1.7	10	2.13	1.6	4.12	2.54 No	1.1	Primary Over-Voltage
SAV063	493	'9089117_/_9089115'	0.6	0.9	3.33	0.71	0.57	1.14	0.85 No	0.57	Element Fault
SAV063	494	'474009656_/_474009796'	0.67	0.87	6.67	1.42	2.33	2.64	1.69 No	0.67	Primary Over-Voltage
SAV063	495	'429757569_/_429757579'	1.9	2.7	10	2.13	3.4	3.93	2.54 No	1.9	Primary Over-Voltage
SAV063	496	'8177112_/_8177109'	0.4	0.63	3.33	0.71	0.53	1.26	0.85 No	0.4	Primary Over-Voltage
SAV063	497	'7855360_/_7855358'	0.67	0.87	3.33	0.1	0.3	1.3	0.59 No	0.1	Thermal Discharging
SAV063	498	'446753447_/_446753521'	1.8	2.6	10	2.13	3.3	3.9	2.54 No	1.8	Primary Over-Voltage
SAV063	499	'7511961_/_7511959'	0.6	0.87	3.33	0.71	1.17	1.15	0.85 No	0.6	Primary Over-Voltage
SAV063	500	'429757609_/_429757619'	1.2	1.73	6.67	1.42	2.27	2.57	1.69 No	1.2	Primary Over-Voltage
SAV063	501	'8144376_/_9404720'	1.1	1.7	10	2.13	1.6	4.05	2.54 No	1.1	Primary Over-Voltage
SAV063	502	'454840141_/_454840160'	0.67	0.87	3.33	0.71	1.17	1.14	0.85 No	0.67	Primary Over-Voltage
SAV063	503	'2663976_/_2663973'	1.8	2.6	10	0.29	6.4	3.85	1.77 No	0.29	Thermal Discharging
SAV063	504	'8178900_/_9434058'	0.53	0.87	3.33	0.71	0.5	1.33	0.85 No	0.5	Element Fault
SAV063	505	'446753392_/_446753466'	1.8	2.6	10	2.13	3.3	3.86	2.54 No	1.8	Primary Over-Voltage
SAV063	506	'462600963_/_462601163'	0.57	0.87	3.33	0.71	0.5	1.32	0.85 No	0.5	Element Fault
SAV063	507	'430400580_/_430400599'	1.8	2.6	10	2.13	3.4	3.85	2.54 No	1.8	Primary Over-Voltage
SAV063	508	'472832086_/_472832102'	0.57	0.87	3.33	0.71	0.5	1.31	0.85 No	0.5	Element Fault
SAV063	509	'8771267_/_8771264'	0.63	0.87	3.33	0.71	0.5	1.29	0.85 No	0.5	Element Fault
SAV063	510	'39079858_/_8178897'	0.53	0.87	3.33	0.71	0.5	1.31	0.85 No	0.5	Element Fault
SAV063	511	'2663993_/_2663990'	1.7	2.5	10	0.29	6.4	3.76	1.77 No	0.29	Thermal Discharging
SAV063	512	'8143998_/_9716572'	0.6	0.83	3.33	0.71	0.57	1.11	0.85 No	0.57	Element Fault
SAV063	513	'446753314_/_446753411'	1.7	2.5	10	2.13	3.3	3.78	2.54 No	1.7	Primary Over-Voltage
SAV063	514	'7855477_/_7855474_2'	0.57	0.83	3.33	0.1	1.5	1.25	0.59 No	0.1	Thermal Discharging
SAV063	515	'446752983_/_430400740'	1.8	2.5	10	2.13	3.4	3.75	2.54 No	1.8	Primary Over-Voltage
SAV063	516	'38042914_/_9716606'	0.57	0.83	3.33	0.71	1.13	1.11	0.85 No	0.57	Primary Over-Voltage
SAV063	517	'38042928_/_38042946'	0.57	0.83	3.33	0.71	1.13	1.11	0.85 No	0.57	Primary Over-Voltage
SAV063	518	'38042921_/_38042925'	0.57	0.83	3.33	0.71	1.13	1.11	0.85 No	0.57	Primary Over-Voltage
SAV063	519	'404504466_/_404504463'	0.57	0.83	3.33	0.71	1.13	1.11	0.85 No	0.57	Primary Over-Voltage
SAV063	520	'38042907_/_38042932'	0.57	0.83	3.33	0.71	1.13	1.11	0.85 No	0.57	Primary Over-Voltage
SAV063	521	'7511866_/_7511863'	0.6	0.83	3.33	0.71	0.5	1.25	0.85 No	0.5	Element Fault
SAV063	522	'43184166_/_2671286'	1.7	2.5	10	0.29	6.4	3.69	1.77 No	0.29	Thermal Discharging
SAV063	523	'474009934_/_474009998'	0.33	0.43	3.33	0.71	1.17	1.1	0.85 No	0.33	Primary Over-Voltage
SAV063	524	'466911772_/_466911776'	0.53	0.83	3.33	0.71	0.5	1.27	0.85 No	0.5	Element Fault
SAV063	525	'8143997_/_8143995'	0.57	0.83	3.33	0.71	0.57	1.08	0.85 No	0.57	Primary Over-Voltage
SAV063	526	'7855476_/_7855474_1'	0.57	0.83	3.33	0.1	0.8	1.22	0.59 No	0.1	Thermal Discharging
SAV063	527	'9089554_/_9404556'	0.6	0.8	3.33	0.71	0.5	1.22	0.85 No	0.5	Element Fault
SAV063	528	'2663958_/_2664643'	1.6	2.4	10	0.29	6.4	3.62	1.77 No	0.29	Thermal Discharging
SAV063	529	'430400721_/_446752987'	1.7	2.4	10	2.13	3.4	3.63	2.54 No	1.7	Primary Over-Voltage
SAV063	530	'8771402_/_8771400'	0.57	0.8	3.33	0.71	1.17	1.08	0.85 No	0.57	Primary Over-Voltage
SAV063	531	'7855213_/_7855210'	0.67	0.8	3.33	0.71	1.1	1.21	0.85 No	0.67	Primary Over-Voltage
SAV063	532	'430400776_/_430400795'	1.7	2.4	10	2.13	3.4	3.6	2.54 No	1.7	Primary Over-Voltage
SAV063	533	'472832179_/_472832195'	0.53	0.8	3.33	0.71	0.5	1.22	0.85 No	0.5	Element Fault
SAV063	534	'39075323_/_7855226'	0.67	0.8	3.33	0.71	1.1	1.19	0.85 No	0.67	Primary Over-Voltage
SAV063	535	'466911802_/_466911818'	0.53	0.8	3.33	0.71	0.5	1.22	0.85 No	0.5	Element Fault
SAV063	536	'474009833_/_474009831'	0.33	0.43	3.33	0.71	1.17	1.07	0.85 No	0.33	Primary Over-Voltage
SAV063	537	'8178695_/_8178693'	0.57	0.8	3.33	0.1	0.8	1.18	0.59 No	0.1	Thermal Discharging
SAV063	538	'7512025_/_9404588'	1	1.3	10	2.13	3.5	3.59	2.54 No	1	Primary Over-Voltage
SAV063	539	'43183663_/_2663956'	1.6	2.4	10	0.29	6.4	3.53	1.77 No	0.29	Thermal Discharging
SAV063	540	'8488034_/_8805690'	0.67	0.8	3.33	0.1	0.3	1.18	0.59 No	0.1	Thermal Discharging
SAV063	541	'7854187_/_459388498'	0.5	0.8	3.33	0.71	0.53	1.15	0.85 No	0.5	Primary Over-Voltage
SAV063	542	'8144308_/_9716990'	0.53	0.77	3.33	0.71	1.17	1.06	0.85 No	0.53	Primary Over-Voltage
SAV063	543	'50308980_/_2651694'	1.6	2.3	10	0.29	6.4	3.5	1.77 No	0.29	Thermal Discharging
SAV063	544	'50309399_/_50309026_1'	0.53	0.77	3.33	0.1	0.3	1.16	0.59 No	0.1	Thermal Discharging
SAV063	545	'7512026_/_7512023'	1	1.3	10	2.13	3.5	3.55	2.54 No	1	Primary Over-Voltage
SAV063	546	'430400831_/_430400850'	1.6	2.3	10	2.13	3.4	3.5	2.54 No	1.6	Primary Over-Voltage
SAV063	547	'8144292_/_8144289'	0.57	0.77	3.33	0.71	0.5	1.18	0.85 No	0.5	Element Fault
SAV063	548	'430400878_/_430400897'	1.6	2.3	10	2.13	3.4	3.49	2.54 No	1.6	Primary Over-Voltage
SAV063	549	'7228929_/_9123233'	0.57	0.77	3.33	0.1	0.8	1.15	0.59 No	0.1	Thermal Discharging
SAV063	550	'9089553_/_9089551'	0.57	0.77	3.33	0.71	0.5	1.17	0.85 No	0.5	Element Fault
SAV063	551	'43183342_/_50308984'	1.5	2.3	10	0.29	6.3	3.45	1.77 No	0.29	Thermal Discharging
SAV063	552	'50309019_/_50309026_2'	0.53	0.77	3.33	0.1	0.3	1.15	0.59 No	0.1	Thermal Discharging
SAV063	553	'7855245_/_8487997'	0.63	0.77	3.33	0.71	1.1	1.14	0.85 No	0.63	Primary Over-Voltage
SAV063	554	'55478678_/_55478725'	1.5	2.3	10	0.29	6.3	3.39	1.77 No	0.29	Thermal Discharging
SAV063	555	'7228928_/_7228926'	0.57	0.73	3.33	0.1	0.8	1.13	0.59 No	0.1	Thermal Discharging
SAV063	556	'55479088_/_119266513_1'	0.5	0.73	3.33	0.1	0.5	1.13	0.59 No	0.1	Thermal Discharging
SAV063	557	'474009759_/_474009756'	0.33	0.43	3.33	0.71	1.17	1.03	0.85 No	0.33	Primary Over-Voltage
SAV063	558	'43185313_/_55478675'	1.5	2.2	10	0.29	6.3	3.37	1.77 No	0.29	Thermal Discharging
SAV063	559	'50309050_/_50309057'	0.53	0.73	3.33	0.1	0.3	1.12	0.59 No	0.1	Thermal Discharging
SAV063	560	'466911834_/_466911850'	0.5	0.73	3.33	0.71	0.5	1.16	0.85 No	0.5	Primary Over-Voltage
SAV063	561	'446753247_/_430400935'	1.6	2.2	10	2.13	3.4	3.39	2.54 No	1.6	Primary Over-Voltage
SAV063	562	'119266507_/_119266513_2'	0.5	0.73	3.33	0.1	0.5	1.12	0.59 No	0.1	Thermal Discharging
SAV063	563	'8452884_/_8771034'	0.5	0.73	3.33	0.71	1.13	1.02	0.85 No	0.5	Primary Over-Voltage
SAV063	564	'8771439_/_9089615'	0.33	0.43	3.33	0.71	1.17	1.02	0.85 No	0.33	Primary Over-Voltage
SAV063	565	'474010124_/_474010144'	0.33	0.43	3.33	0.71	1.17	1.02	0.85 No	0.33	Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SAV063	566	'451502312_/446753333_1'	1.5	2.2	10	2.13	3.3	3.36	2.54 No	1.5	Primary Over-Voltage
SAV063	567	'2644542_/43185315'	1.5	2.2	10	0.29	6.3	3.33	1.77 No	0.29	Thermal Discharging
SAV063	568	'7855244_/7855242'	0.63	0.73	3.33	0.71	1.1	1.12	0.85 No	0.63	Primary Over-Voltage
SAV063	569	'8144307_/8144305'	0.5	0.73	3.33	0.71	1.17	1.01	0.85 No	0.5	Primary Over-Voltage
SAV063	570	'9089522_/9089519'	0.53	0.73	3.33	0.71	0.5	1.12	0.85 No	0.5	Element Fault
SAV063	571	'7855508_/7855506'	0.57	0.73	3.33	0.1	0.8	1.1	0.59 No	0.1	Thermal Discharging
SAV063	572	'7228647_/8488031'	0.63	0.73	3.33	0.1	0.3	1.11	0.59 No	0.1	Thermal Discharging
SAV063	573	'485350818_/485350848'	0.47	0.73	3.33	0.71	0.5	1.12	0.85 No	0.47	Primary Over-Voltage
SAV063	574	'43183355_/2644540'	1.5	2.2	10	0.29	6.3	3.28	1.77 No	0.29	Thermal Discharging
SAV063	575	'7229008_/8178493'	0.6	0.73	3.33	0.71	1.1	1.1	0.85 No	0.6	Primary Over-Voltage
SAV063	576	'50309093_/50309100'	0.53	0.73	3.33	0.1	0.3	1.09	0.59 No	0.1	Thermal Discharging
SAV063	577	'55478789_/55478799'	0.5	0.73	3.33	0.1	0.5	1.09	0.59 No	0.1	Thermal Discharging
SAV063	578	'8453033_/8771436'	0.33	0.43	3.33	0.71	1.17	0.99	0.85 No	0.33	Primary Over-Voltage
SAV063	579	'474010009_/474010061'	0.33	0.43	3.33	0.71	1.17	0.99	0.85 No	0.33	Primary Over-Voltage
SAV063	580	'2644563_/43183357'	1.4	2.1	10	0.29	6.3	3.24	1.77 No	0.29	Thermal Discharging
SAV063	581	'8771250_/9716958'	0.5	0.7	3.33	0.71	0.5	1.09	0.85 No	0.5	Primary Over-Voltage
SAV063	582	'8771251_/8771248_1'	0.5	0.7	3.33	0.71	0.5	1.08	0.85 No	0.5	Primary Over-Voltage
SAV063	583	'485350712_/485350728'	0.47	0.7	3.33	0.71	0.5	1.1	0.85 No	0.47	Primary Over-Voltage
SAV063	584	'8771457_/8771544'	0.73	1.13	6.67	1.42	1.07	2.21	1.69 No	0.73	Primary Over-Voltage
SAV063	585	'2644579_/2644594'	1.4	2.1	10	0.29	6.3	3.18	1.77 No	0.29	Thermal Discharging
SAV063	586	'667487520_/667487542'	0.57	0.7	3.33	0.1	0.8	1.06	0.59 No	0.1	Thermal Discharging
SAV063	587	'8452885_/8452882'	0.47	0.7	3.33	0.71	1.13	0.97	0.85 No	0.47	Primary Over-Voltage
SAV063	588	'8486997_/9121773_1'	0.47	0.7	3.33	0.1	0.5	1.06	0.59 No	0.1	Thermal Discharging
SAV063	589	'7227286_/459388519'	0.43	0.7	3.33	0.71	0.53	1.04	0.85 No	0.43	Primary Over-Voltage
SAV063	590	'50309124_/50309131'	0.53	0.7	3.33	0.1	0.3	1.05	0.59 No	0.1	Thermal Discharging
SAV063	591	'582365845_/9121773_2'	0.47	0.7	3.33	0.1	0.5	1.05	0.59 No	0.1	Thermal Discharging
SAV063	592	'8453032_/8453030'	0.33	0.43	3.33	0.71	1.17	0.97	0.85 No	0.33	Primary Over-Voltage
SAV063	593	'7227287_/459388540'	0.43	0.7	3.33	0.71	0.53	1.03	0.85 No	0.43	Primary Over-Voltage
SAV063	594	'7823057_/9089567'	0.5	0.7	3.33	0.71	1.17	0.96	0.85 No	0.5	Primary Over-Voltage
SAV063	595	'7228646_/7228644'	0.6	0.7	3.33	0.1	0.3	1.05	0.59 No	0.1	Thermal Discharging
SAV063	596	'582365905_/582365935'	0.47	0.7	3.33	0.1	0.5	1.04	0.59 No	0.1	Thermal Discharging
SAV063	597	'485350786_/485350834'	0.43	0.67	3.33	0.71	0.5	1.06	0.85 No	0.43	Primary Over-Voltage
SAV063	598	'582365862_/582365921'	0.47	0.67	3.33	0.1	0.5	1.04	0.59 No	0.1	Thermal Discharging
SAV063	599	'7813493_/8771192'	0.47	0.67	3.33	0.71	1.13	0.96	0.85 No	0.47	Primary Over-Voltage
SAV063	600	'43183420_/2644577'	1.4	2	10	0.29	6.3	3.1	1.77 No	0.29	Thermal Discharging
SAV063	601	'109936152_/2658708'	1.4	2	10	0.29	6.3	3.1	1.77 No	0.29	Thermal Discharging
SAV063	602	'429757468_/429757677'	0.47	0.67	3.33	0.71	1.13	0.93	0.85 No	0.47	Primary Over-Voltage
SAV063	603	'429757459_/429757465'	0.47	0.67	3.33	0.71	1.13	0.93	0.85 No	0.47	Primary Over-Voltage
SAV063	604	'429757484_/429757481'	0.47	0.67	3.33	0.71	0.7	0.93	0.85 No	0.47	Primary Over-Voltage
SAV063	605	'429757460_/429757457'	0.47	0.67	3.33	0.71	1.13	0.93	0.85 No	0.47	Primary Over-Voltage
SAV063	606	'429757476_/429757473'	0.47	0.67	3.33	0.71	1.13	0.93	0.85 No	0.47	Primary Over-Voltage
SAV063	607	'55478823_/55478830'	0.5	0.67	3.33	0.1	0.5	1.03	0.59 No	0.1	Thermal Discharging
SAV063	608	'50309167_/503091174'	0.53	0.67	3.33	0.1	0.3	1.02	0.59 No	0.1	Thermal Discharging
SAV063	609	'430401021_/430401086'	0.47	0.67	3.33	0.71	0.7	0.92	0.85 No	0.47	Primary Over-Voltage
SAV063	610	'102200215_/2658725'	1.3	2	10	0.29	6.3	3.04	1.77 No	0.29	Thermal Discharging
SAV063	611	'89081444_/89081432_2'	0.43	0.67	3.33	0.1	1.4	1.01	0.59 No	0.1	Thermal Discharging
SAV063	612	'8453067_/474009907'	0.33	0.43	3.33	0.71	1.17	0.94	0.85 No	0.33	Primary Over-Voltage
SAV063	613	'7813494_/7813491'	0.47	0.67	3.33	0.71	1.13	0.93	0.85 No	0.47	Primary Over-Voltage
SAV063	614	'485350754_/485350770'	0.43	0.67	3.33	0.71	0.5	1.04	0.85 No	0.43	Primary Over-Voltage
SAV063	615	'394934247_/582365866'	0.47	0.67	3.33	0.1	0.5	1.01	0.59 No	0.1	Thermal Discharging
SAV063	616	'394934185_/394934244'	0.47	0.67	3.33	0.1	0.5	1.01	0.59 No	0.1	Thermal Discharging
SAV063	617	'394934229_/394934226'	0.47	0.67	3.33	0.1	0.5	1.01	0.59 No	0.1	Thermal Discharging
SAV063	618	'394934257_/394934254'	0.47	0.67	3.33	0.1	0.5	1.01	0.59 No	0.1	Thermal Discharging
SAV063	619	'394934237_/394934234'	0.47	0.67	3.33	0.1	0.5	1.01	0.59 No	0.1	Thermal Discharging
SAV063	620	'493799193_/485350802_1'	0.43	0.67	3.33	0.71	0.5	1.03	0.85 No	0.43	Primary Over-Voltage
SAV063	621	'8178868_/9123137'	0.57	0.67	3.33	0.1	0.8	1.01	0.59 No	0.1	Thermal Discharging
SAV063	622	'67686709_/88409765'	1.3	1.9	10	0.29	6.2	2.99	1.77 No	0.29	Thermal Discharging
SAV063	623	'120700211_/67686979_2'	0.43	0.63	3.33	0.1	1.4	0.99	0.59 No	0.1	Thermal Discharging
SAV063	624	'7823009_/7823006_1'	0.27	0.37	3.33	0.71	1.17	0.98	0.85 No	0.27	Primary Over-Voltage
SAV063	625	'7512046_/8771470'	0.73	1.13	6.67	1.42	1.07	2.05	1.69 No	0.73	Primary Over-Voltage
SAV063	626	'7228976_/8806026'	0.57	0.63	3.33	0.1	0.3	0.99	0.59 No	0.1	Thermal Discharging
SAV063	627	'67686959_/67686979_1'	0.43	0.63	3.33	0.1	0.5	0.98	0.59 No	0.1	Thermal Discharging
SAV063	628	'391457523_/394934205'	0.47	0.63	3.33	0.1	0.5	0.98	0.59 No	0.1	Thermal Discharging
SAV063	629	'7229009_/7229006'	0.53	0.63	3.33	0.71	1.1	0.99	0.85 No	0.53	Primary Over-Voltage
SAV063	630	'67686603_/67686966'	0.43	0.63	3.33	0.1	0.5	0.98	0.59 No	0.1	Thermal Discharging
SAV063	631	'7854559_/459388561'	0.37	0.63	3.33	0.71	0.53	0.96	0.85 No	0.37	Primary Over-Voltage
SAV063	632	'464911417_/474009653'	0.33	0.43	3.33	0.71	1.17	0.91	0.85 No	0.33	Primary Over-Voltage
SAV063	633	'7823056_/7823054'	0.47	0.63	3.33	0.71	1.17	0.9	0.85 No	0.47	Primary Over-Voltage
SAV063	634	'107957147_/2658742'	1.3	1.9	10	0.29	6.2	2.9	1.77 No	0.29	Thermal Discharging
SAV063	635	'89081095_/89081432_1'	0.43	0.63	3.33	0.1	0.5	0.97	0.59 No	0.1	Thermal Discharging
SAV063	636	'81444391_/474009816'	0.33	0.43	3.33	0.71	1.17	0.9	0.85 No	0.33	Primary Over-Voltage
SAV063	637	'696563303_/88409733_1'	0.43	0.63	3.33	0.1	0.5	0.97	0.59 No	0.1	Thermal Discharging
SAV063	638	'106087697_/106087711'	0.47	0.63	3.33	0.1	0.5	0.97	0.59 No	0.1	Thermal Discharging
SAV063	639	'7512064_/474009721'	0.33	0.43	3.33	0.71	1.17	0.9	0.85 No	0.33	Primary Over-Voltage
SAV063	640	'391457607_/391457626'	0.47	0.63	3.33	0.1	0.5	0.96	0.59 No	0.1	Thermal Discharging
SAV063	641	'81444223_/9404282'	0.43	0.63	3.33	0.71	1.13	0.89	0.85 No	0.43	Primary Over-Voltage
SAV063	642	'51268180_/88409733_2'	0.43	0.63	3.33	0.1	0.5	0.96	0.59 No	0.1	Thermal Discharging
SAV063	643	'51268068_/51268020_2'	0.43	0.63	3.33	0.1	0.5	0.96	0.59 No	0.1	Thermal Discharging
SAV063	644	'43183479_/2645127'	1.2	1.8	10	0.29	6.2	2.85	1.77 No	0.29	Thermal Discharging
SAV063	645	'8771370_/8771454'	0.33	0.43	3.33	0.71	1.17	0.89	0.85 No	0.33	Primary Over-Voltage
SAV063	646	'391457559_/391457644'	0.47	0.6	3.33	0.1	0.5	0.94	0.59 No	0.1	Thermal Discharging
SAV063	647	'2664301_/2664318'	1.2	1.8	10	0.29	6.2	2.81	1.77 No	0.29	Thermal Discharging
SAV063	648	'67686630_/67686637'	0.43	0.6	3.33	0.1	0.5	0.94	0.59 No	0.1	Thermal Discharging
SAV063	649	'8178867_/8178865'	0.53	0.6	3.33	0.1	0.8	0.94	0.59 No	0.1	Thermal Discharging
SAV063	650	'8144224_/8144221'	0.4	0.6	3.33	0.71	1.13	0.87	0.85 No	0.4	Primary Over-Voltage
SAV063	651	'8804407_/61949609'	0.47	0.6	3.33	0.1	0.5	0.93	0.59 No	0.1	Thermal Discharging
SAV063	652	'7544210_/7544623'	0.53	0.6	3.33	0.71	1.1	0.94	0.85 No	0.53	Primary Over-Voltage
SAV063	653	'8771371_/8771368'	0.33	0.43	3.33	0.71	1.17	0.87	0.85 No	0.33	Primary Over-Voltage
SAV063	654	'7813525_/8144237'	0.4	0.6	3.33	0.71	1.13	0.86	0.85 No	0.4	Primary Over-Voltage
SAV063	655	'89081140_/89081151'	0.43	0.6	3.33	0.1	0.5	0.91	0.59 No	0.1	Thermal Discharging
SAV063	656	'7229145_/9123313'	0.53	0.6	3.33	0.1	0.8	0.92	0.59 No	0.1	Thermal Discharging
SAV063	657	'7512009_/9089633'	0.33	0.43	3.33	0.71	1.17	0.85	0.85 No	0.33	Primary Over-Voltage
SAV063	658	'7227239_/7227236'	0.33	0.57	3.33	0.71	0.53	0.9	0.85 No	0.33	Primary Over-Voltage
SAV063	659	'104838322_/104838327'	0.43	0.57	3.33	0.1	0.5	0.91	0.59 No	0.1	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SAV063	660	'2664283_/2664298'	1.2	1.7	10	0.29	6.2	2.71	1.77 No	0.29	Thermal Discharging
SAV063	661	'54349659_/51268020_1'	0.43	0.57	3.33	0.1	0.5	0.9	0.59 No	0.1	Thermal Discharging
SAV063	662	'104838519_/104838530'	0.43	0.57	3.33	0.1	0.5	0.9	0.59 No	0.1	Thermal Discharging
SAV063	663	'58291196_/58291200'	0.43	0.57	3.33	0.1	0.5	0.9	0.59 No	0.1	Thermal Discharging
SAV063	664	'106087735_/106087746'	0.43	0.57	3.33	0.1	0.5	0.91	0.59 No	0.1	Thermal Discharging
SAV063	665	'104838354_/104838544'	0.43	0.57	3.33	0.1	0.5	0.9	0.59 No	0.1	Thermal Discharging
SAV063	666	'58291234_/58291241'	0.43	0.57	3.33	0.1	0.5	0.9	0.59 No	0.1	Thermal Discharging
SAV063	667	'9089585_/9404572'	0.43	0.57	3.33	0.71	1.17	0.84	0.85 No	0.43	Primary Over-Voltage
SAV063	668	'351204550_/104838390'	0.43	0.57	3.33	0.1	0.5	0.9	0.59 No	0.1	Thermal Discharging
SAV063	669	'111935993_/8804404'	0.43	0.57	3.33	0.1	0.5	0.9	0.59 No	0.1	Thermal Discharging
SAV063	670	'8488578_/50309197'	0.53	0.57	3.33	0.1	0.3	0.9	0.59 No	0.1	Thermal Discharging
SAV063	671	'2645025_/2664281'	1.2	1.7	10	0.29	6.2	2.67	1.77 No	0.29	Thermal Discharging
SAV063	672	'379624115_/9123201'	0.43	0.57	3.33	0.1	0.5	0.89	0.59 No	0.1	Thermal Discharging
SAV063	673	'7544209_/7544207'	0.5	0.57	3.33	0.71	1.1	0.9	0.85 No	0.5	Primary Over-Voltage
SAV063	674	'58291257_/58291264'	0.43	0.57	3.33	0.1	0.5	0.89	0.59 No	0.1	Thermal Discharging
SAV063	675	'7229144_/7229142'	0.5	0.57	3.33	0.1	0.8	0.89	0.59 No	0.1	Thermal Discharging
SAV063	676	'7228977_/7228974'	0.5	0.57	3.33	0.1	0.3	0.89	0.59 No	0.1	Thermal Discharging
SAV063	677	'8488577_/8488575'	0.53	0.57	3.33	0.1	0.3	0.88	0.59 No	0.1	Thermal Discharging
SAV063	678	'7855686_/9435234'	0.5	0.57	3.33	0.71	1.1	0.88	0.85 No	0.5	Primary Over-Voltage
SAV063	679	'2645026_/2645023'	1.1	1.7	10	0.29	6.2	2.62	1.77 No	0.29	Thermal Discharging
SAV063	680	'104838385_/351204554'	0.43	0.57	3.33	0.1	0.5	0.87	0.59 No	0.1	Thermal Discharging
SAV063	681	'65822736_/58291287'	0.43	0.57	3.33	0.1	0.5	0.87	0.59 No	0.1	Thermal Discharging
SAV063	682	'9089586_/9089583'	0.4	0.57	3.33	0.71	1.17	0.82	0.85 No	0.4	Primary Over-Voltage
SAV063	683	'7229129_/7229126_1'	0.5	0.57	3.33	0.1	0.8	0.87	0.59 No	0.1	Thermal Discharging
SAV063	684	'111936120_/111936307'	0.43	0.53	3.33	0.1	0.5	0.86	0.59 No	0.1	Thermal Discharging
SAV063	685	'7512010_/597319170'	0.3	0.43	3.33	0.71	1.17	0.81	0.85 No	0.3	Primary Over-Voltage
SAV063	686	'2645043_/2645040'	1.1	1.6	10	0.29	6.2	2.57	1.77 No	0.29	Thermal Discharging
SAV063	687	'104838662_/104838687'	0.43	0.53	3.33	0.1	0.5	0.86	0.59 No	0.1	Thermal Discharging
SAV063	688	'8805925_/9435698'	0.53	0.53	3.33	0.1	0.3	0.86	0.59 No	0.1	Thermal Discharging
SAV063	689	'8771387_/9404624'	0.3	0.43	3.33	0.71	1.17	0.81	0.85 No	0.3	Primary Over-Voltage
SAV063	690	'2645060_/2645057'	1.1	1.6	10	0.29	6.2	2.56	1.77 No	0.29	Thermal Discharging
SAV063	691	'68485118_/68485125'	0.43	0.53	3.33	0.1	0.5	0.85	0.59 No	0.1	Thermal Discharging
SAV063	692	'379975504_/43183507_1'	0.37	0.53	3.33	0.1	0.3	0.85	0.59 No	0.1	Thermal Discharging
SAV063	693	'439574101_/106087761'	0.43	0.53	3.33	0.1	0.5	0.85	0.59 No	0.1	Thermal Discharging
SAV063	694	'439574057_/439574134'	0.43	0.53	3.33	0.1	0.5	0.85	0.59 No	0.1	Thermal Discharging
SAV063	695	'104838418_/104838673'	0.4	0.53	3.33	0.1	0.5	0.85	0.59 No	0.1	Thermal Discharging
SAV063	696	'439574045_/439574076'	0.4	0.53	3.33	0.1	0.5	0.85	0.59 No	0.1	Thermal Discharging
SAV063	697	'7855670_/7855683'	0.47	0.53	3.33	0.71	1.1	0.85	0.85 No	0.47	Primary Over-Voltage
SAV063	698	'7813526_/7813523'	0.37	0.53	3.33	0.71	1.13	0.79	0.85 No	0.37	Primary Over-Voltage
SAV063	699	'2644835_/2645090'	1.1	1.6	10	0.29	6.2	2.51	1.77 No	0.29	Thermal Discharging
SAV063	700	'9717009_/9717006'	0.4	0.53	3.33	0.71	1.17	0.79	0.85 No	0.4	Primary Over-Voltage
SAV063	701	'68485414_/68485421'	0.4	0.53	3.33	0.1	0.5	0.84	0.59 No	0.1	Thermal Discharging
SAV063	702	'111936027_/111936146'	0.4	0.53	3.33	0.1	0.5	0.84	0.59 No	0.1	Thermal Discharging
SAV063	703	'7229025_/8805922'	0.5	0.53	3.33	0.1	0.3	0.84	0.59 No	0.1	Thermal Discharging
SAV063	704	'102200279_/68485444_1'	0.37	0.47	3.33	0.1	0.5	0.84	0.59 No	0.1	Thermal Discharging
SAV063	705	'2645077_/43183507_2'	0.37	0.53	3.33	0.1	0.3	0.83	0.59 No	0.1	Thermal Discharging
SAV063	706	'2644836_/2644833'	1.1	1.6	10	0.29	6.2	2.47	1.77 No	0.29	Thermal Discharging
SAV063	707	'8805536_/8805978'	0.47	0.53	3.33	0.71	1.1	0.83	0.85 No	0.47	Primary Over-Voltage
SAV063	708	'8178748_/439574031'	0.4	0.53	3.33	0.1	0.5	0.83	0.59 No	0.1	Thermal Discharging
SAV063	709	'468736997_/468736994'	1	1.4	10	0.29	5.5	2.43	1.77 No	0.29	Thermal Discharging
SAV063	710	'7229024_/7229022'	0.5	0.53	3.33	0.1	0.3	0.82	0.59 No	0.1	Thermal Discharging
SAV063	711	'8178747_/111936032'	0.4	0.53	3.33	0.1	0.5	0.82	0.59 No	0.1	Thermal Discharging
SAV063	712	'8771386_/8771384'	0.3	0.43	3.33	0.71	1.17	0.78	0.85 No	0.3	Primary Over-Voltage
SAV063	713	'9717025_/9717022'	0.37	0.53	3.33	0.71	1.17	0.77	0.85 No	0.37	Primary Over-Voltage
SAV063	714	'7855541_/9435682'	0.5	0.53	3.33	0.1	0.3	0.82	0.59 No	0.1	Thermal Discharging
SAV063	715	'2644853_/2644850'	1	1.5	10	0.29	6.2	2.44	1.77 No	0.29	Thermal Discharging
SAV063	716	'507418194_/468577859_1'	1	1.5	10	0.29	6.2	2.43	1.77 No	0.29	Thermal Discharging
SAV063	717	'507418127_/468577859_2'	1	1.5	10	0.29	6.2	2.43	1.77 No	0.29	Thermal Discharging
SAV063	718	'507418164_/484255133_1'	0.33	0.5	3.33	0.1	0.5	0.81	0.59 No	0.1	Thermal Discharging
SAV063	719	'491058185_/468577877'	1	1.5	10	0.29	6.2	2.42	1.77 No	0.29	Thermal Discharging
SAV063	720	'468577880_/491058191'	1	1.5	10	0.29	6.2	2.42	1.77 No	0.29	Thermal Discharging
SAV063	721	'468578031_/468578028'	1	1.5	10	0.29	6.2	2.41	1.77 No	0.29	Thermal Discharging
SAV063	722	'468578063_/468578060'	1	1.5	10	0.29	6.2	2.4	1.77 No	0.29	Thermal Discharging
SAV063	723	'468578081_/468578078'	1	1.5	10	0.29	6.2	2.39	1.77 No	0.29	Thermal Discharging
SAV063	724	'468578099_/468578096'	1	1.5	10	0.29	6.2	2.38	1.77 No	0.29	Thermal Discharging
SAV063	725	'404153010_/105990234'	0.4	0.5	3.33	0.1	0.5	0.8	0.59 No	0.1	Thermal Discharging
SAV063	726	'7228562_/8805534'	0.43	0.5	3.33	0.71	1.1	0.81	0.85 No	0.43	Primary Over-Voltage
SAV063	727	'7544402_/7855538'	0.47	0.5	3.33	0.1	0.3	0.8	0.59 No	0.1	Thermal Discharging
SAV063	728	'468578117_/468578114'	1	1.5	10	0.29	6.2	2.37	1.77 No	0.29	Thermal Discharging
SAV063	729	'43183492_/2644901'	0.33	0.5	3.33	0.1	2	0.79	0.59 No	0.1	Thermal Discharging
SAV063	730	'468578135_/468578132'	1	1.5	10	0.29	6.2	2.36	1.77 No	0.29	Thermal Discharging
SAV063	731	'478199063_/468352468_2'	1	1.5	10	0.29	5.4	2.36	1.77 No	0.29	Thermal Discharging
SAV063	732	'7544225_/7544399'	0.47	0.5	3.33	0.1	0.3	0.8	0.59 No	0.1	Thermal Discharging
SAV063	733	'68485503_/89081186'	0.4	0.5	3.33	0.1	0.5	0.79	0.59 No	0.1	Thermal Discharging
SAV063	734	'358658552_/358658549'	1	1.5	10	0.29	6.2	2.35	1.77 No	0.29	Thermal Discharging
SAV063	735	'358658583_/358658580'	1	1.5	10	0.29	6.2	2.34	1.77 No	0.29	Thermal Discharging
SAV063	736	'7511946_/9404608'	0.3	0.43	3.33	0.71	1.17	0.75	0.85 No	0.3	Primary Over-Voltage
SAV063	737	'358658614_/358658611'	1	1.5	10	0.29	6.2	2.33	1.77 No	0.29	Thermal Discharging
SAV063	738	'358658645_/358658642'	1	1.5	10	0.29	6.2	2.33	1.77 No	0.29	Thermal Discharging
SAV063	739	'478199020_/468352468_1'	1	1.5	10	0.29	2.4	2.33	1.77 No	0.29	Thermal Discharging
SAV063	740	'696563275_/358658933_1'	0.33	0.5	3.33	0.1	0.3	0.77	0.59 No	0.1	Thermal Discharging
SAV063	741	'468578173_/468578170'	1	1.5	10	0.29	4.7	2.33	1.77 No	0.29	Thermal Discharging
SAV063	742	'68485483_/68485507'	0.37	0.5	3.33	0.1	0.5	0.78	0.59 No	0.1	Thermal Discharging
SAV063	743	'7511930_/7511943'	0.27	0.43	3.33	0.71	1.17	0.74	0.85 No	0.27	Primary Over-Voltage
SAV063	744	'530054342_/404153081'	0.37	0.5	3.33	0.1	0.5	0.78	0.59 No	0.1	Thermal Discharging
SAV063	745	'358658676_/358658673'	1	1.5	10	0.29	6.2	2.32	1.77 No	0.29	Thermal Discharging
SAV063	746	'530054372_/530054388'	0.37	0.5	3.33	0.1	0.5	0.78	0.59 No	0.1	Thermal Discharging
SAV063	747	'530054404_/530054432'	0.37	0.5	3.33	0.1	0.5	0.78	0.59 No	0.1	Thermal Discharging
SAV063	748	'358658707_/358658704'	1	1.5	10	0.29	6.2	2.31	1.77 No	0.29	Thermal Discharging
SAV063	749	'7813509_/9716906'	0.33	0.5	3.33	0.71	1.13	0.74	0.85 No	0.33	Primary Over-Voltage
SAV063	750	'68485460_/68485518'	0.37	0.5	3.33	0.1	0.5	0.78	0.59 No	0.1	Thermal Discharging
SAV063	751	'358658738_/358658735'	1	1.5	10	0.29	6.2	2.3	1.77 No	0.29	Thermal Discharging
SAV063	752	'484255117_/484255133_2'	0.33	0.5	3.33	0.1	0.5	0.77	0.59 No	0.1	Thermal Discharging
SAV063	753	'358658774_/358658771'	1	1.5	10	0.29	6.2	2.29	1.77 No	0.29	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SAV063	754	'358658936_/358658933_2'	0.33	0.5	3.33	0.1	0.3	0.76	0.59 No	0.1	Thermal Discharging
SAV063	755	'358658836_/358658851'	1	1.5	10	0.29	6.2	2.28	1.77 No	0.29	Thermal Discharging
SAV063	756	'7228563_/7228560'	0.43	0.47	3.33	0.71	1.1	0.78	0.85 No	0.43	Primary Over-Voltage
SAV063	757	'2658141_/358658833'	1	1.4	10	0.29	6.2	2.28	1.77 No	0.29	Thermal Discharging
SAV063	758	'7511977_/9717038'	0.37	0.47	3.33	0.71	1.17	0.73	0.85 No	0.37	Primary Over-Voltage
SAV063	759	'468736889_/468736886'	1	1.4	10	0.29	6.2	2.27	1.77 No	0.29	Thermal Discharging
SAV063	760	'481314691_/468737110_1'	0.33	0.47	3.33	0.1	0.5	0.76	0.59 No	0.1	Thermal Discharging
SAV063	761	'584773686_/530054408'	0.37	0.47	3.33	0.1	0.5	0.77	0.59 No	0.1	Thermal Discharging
SAV063	762	'468736907_/468736904'	1	1.4	10	0.29	6.2	2.26	1.77 No	0.29	Thermal Discharging
SAV063	763	'584773746_/584773762'	0.37	0.47	3.33	0.1	0.5	0.76	0.59 No	0.1	Thermal Discharging
SAV063	764	'2645167_/468737110_2'	0.33	0.47	3.33	0.1	0.5	0.75	0.59 No	0.1	Thermal Discharging
SAV063	765	'465896532_/465896422_1'	1	1.4	10	0.29	1.5	2.25	1.77 No	0.29	Thermal Discharging
SAV063	766	'584773702_/584773776'	0.37	0.47	3.33	0.1	0.5	0.76	0.59 No	0.1	Thermal Discharging
SAV063	767	'7813510_/7813507'	0.33	0.47	3.33	0.71	1.13	0.72	0.85 No	0.33	Primary Over-Voltage
SAV063	768	'468736925_/468736922'	1	1.4	10	0.29	6.2	2.25	1.77 No	0.29	Thermal Discharging
SAV063	769	'478199086_/478199042'	1	1.4	10	0.29	2.4	2.26	1.77 No	0.29	Thermal Discharging
SAV063	770	'571343193_/478199106'	1	1.4	10	0.29	2.4	2.26	1.77 No	0.29	Thermal Discharging
SAV063	771	'7544226_/7544223'	0.47	0.47	3.33	0.1	0.3	0.76	0.59 No	0.1	Thermal Discharging
SAV063	772	'68485437_/68485529'	0.37	0.47	3.33	0.1	0.5	0.76	0.59 No	0.1	Thermal Discharging
SAV063	773	'571343091_/571343255'	1	1.4	10	0.29	2.4	2.26	1.77 No	0.29	Thermal Discharging
SAV063	774	'571342915_/571342947'	1	1.4	10	0.29	2.4	2.26	1.77 No	0.29	Thermal Discharging
SAV063	775	'571343083_/571342935'	1	1.4	10	0.29	1.5	2.26	1.77 No	0.29	Thermal Discharging
SAV063	776	'571343087_/571342941'	1	1.4	10	0.29	2.4	2.26	1.77 No	0.29	Thermal Discharging
SAV063	777	'571343225_/571343281'	1	1.4	10	0.29	2.4	2.25	1.77 No	0.29	Thermal Discharging
SAV063	778	'7228614_/7855258'	0.4	0.47	3.33	0.71	1.1	0.76	0.85 No	0.4	Primary Over-Voltage
SAV063	779	'468736943_/468736940'	1	1.4	10	0.29	6.2	2.23	1.77 No	0.29	Thermal Discharging
SAV063	780	'468352458_/571343229'	1	1.4	10	0.29	2.4	2.25	1.77 No	0.29	Thermal Discharging
SAV063	781	'468736961_/468736958'	1	1.4	10	0.29	6.2	2.23	1.77 No	0.29	Thermal Discharging
SAV063	782	'484255149_/484255165'	0.33	0.47	3.33	0.1	0.5	0.75	0.59 No	0.1	Thermal Discharging
SAV063	783	'465896406_/465896422_2'	1	1.4	10	0.29	1.5	2.23	1.77 No	0.29	Thermal Discharging
SAV063	784	'468736979_/468736976'	1	1.4	10	0.29	5.5	2.22	1.77 No	0.29	Thermal Discharging
SAV063	785	'7511913_/7511927'	0.27	0.43	3.33	0.71	1.17	0.71	0.85 No	0.27	Primary Over-Voltage
SAV063	786	'468352526_/468352545'	0.33	0.47	3.33	0.1	0.8	0.73	0.59 No	0.1	Thermal Discharging
SAV063	787	'360281241_/8178609_1'	0.37	0.4	3.33	0.71	1.1	0.74	0.85 No	0.37	Primary Over-Voltage
SAV063	788	'7228615_/7228612'	0.4	0.47	3.33	0.71	1.1	0.74	0.85 No	0.4	Primary Over-Voltage
SAV063	789	'474009655_/7512043'	0.3	0.47	3.33	0.71	0.53	0.73	0.85 No	0.3	Primary Over-Voltage
SAV063	790	'474009738_/474009689_1'	0.3	0.43	3.33	0.71	1.17	0.73	0.85 No	0.3	Primary Over-Voltage
SAV063	791	'7511978_/7511975'	0.33	0.47	3.33	0.71	1.17	0.7	0.85 No	0.33	Primary Over-Voltage
SAV063	792	'571342990_/571343006'	0.9	1.4	10	0.29	1.5	2.19	1.77 No	0.29	Thermal Discharging
SAV063	793	'404153062_/584773706'	0.37	0.47	3.33	0.1	0.5	0.73	0.59 No	0.1	Thermal Discharging
SAV063	794	'87860100_/106088094'	0.37	0.47	3.33	0.1	0.5	0.73	0.59 No	0.1	Thermal Discharging
SAV063	795	'478199128_/468352504'	0.6	0.93	6.67	0.19	1.6	1.44	1.18 No	0.19	Thermal Discharging
SAV063	796	'7822993_/7822990'	0.27	0.43	3.33	0.71	1.17	0.69	0.85 No	0.27	Primary Over-Voltage
SAV063	797	'9404300_/9404314'	0.3	0.43	3.33	0.71	1.13	0.69	0.85 No	0.3	Primary Over-Voltage
SAV063	798	'7228631_/7228628'	0.4	0.43	3.33	0.71	1.1	0.72	0.85 No	0.4	Primary Over-Voltage
SAV063	799	'7511914_/7511911'	0.27	0.43	3.33	0.71	1.17	0.69	0.85 No	0.27	Primary Over-Voltage
SAV063	800	'8453001_/9089599'	0.27	0.43	3.33	0.71	1.17	0.68	0.85 No	0.27	Primary Over-Voltage
SAV063	801	'8413698_/9404298'	0.3	0.43	3.33	0.71	1.13	0.68	0.85 No	0.3	Primary Over-Voltage
SAV063	802	'468655485_/478199165'	0.6	0.87	6.67	0.19	1.6	1.41	1.18 No	0.19	Thermal Discharging
SAV063	803	'409961738_/87860109'	0.33	0.43	3.33	0.1	0.5	0.71	0.59 No	0.1	Thermal Discharging
SAV063	804	'404153101_/404153120'	0.33	0.43	3.33	0.1	0.5	0.71	0.59 No	0.1	Thermal Discharging
SAV063	805	'105990401_/105990412'	0.33	0.43	3.33	0.1	0.5	0.7	0.59 No	0.1	Thermal Discharging
SAV063	806	'468352811_/468352830'	0.33	0.43	3.33	0.1	0.8	0.7	0.59 No	0.1	Thermal Discharging
SAV063	807	'409961756_/105990426'	0.33	0.43	3.33	0.1	0.5	0.7	0.59 No	0.1	Thermal Discharging
SAV063	808	'7855525_/7855522'	0.37	0.43	3.33	0.71	1.1	0.69	0.85 No	0.37	Primary Over-Voltage
SAV063	809	'468352850_/468352869'	0.33	0.43	3.33	0.1	0.8	0.68	0.59 No	0.1	Thermal Discharging
SAV063	810	'8413682_/8413696'	0.3	0.43	3.33	0.71	1.13	0.66	0.85 No	0.3	Primary Over-Voltage
SAV063	811	'8453000_/8452998'	0.23	0.43	3.33	0.71	1.17	0.66	0.85 No	0.23	Primary Over-Voltage
SAV063	812	'105990269_/404153138'	0.33	0.43	3.33	0.1	0.5	0.68	0.59 No	0.1	Thermal Discharging
SAV063	813	'9404659_/9404656'	0.23	0.43	3.33	0.71	1.17	0.65	0.85 No	0.23	Primary Over-Voltage
SAV063	814	'106088028_/105990280'	0.33	0.43	3.33	0.1	0.5	0.68	0.59 No	0.1	Thermal Discharging
SAV063	815	'8771492_/8771490'	0.23	0.43	3.33	0.71	1.17	0.65	0.85 No	0.23	Primary Over-Voltage
SAV063	816	'9089652_/9717070'	0.23	0.4	3.33	0.71	1.17	0.65	0.85 No	0.23	Primary Over-Voltage
SAV063	817	'468352889_/468352908'	0.33	0.4	3.33	0.1	0.8	0.66	0.59 No	0.1	Thermal Discharging
SAV063	818	'452280618_/8413680'	0.3	0.4	3.33	0.71	1.13	0.64	0.85 No	0.3	Primary Over-Voltage
SAV063	819	'430472149_/452280622'	0.3	0.4	3.33	0.71	1.13	0.63	0.85 No	0.3	Primary Over-Voltage
SAV063	820	'9404690_/9404688'	0.23	0.4	3.33	0.71	1.17	0.63	0.85 No	0.23	Primary Over-Voltage
SAV063	821	'452280652_/452280687'	0.27	0.4	3.33	0.71	1.13	0.63	0.85 No	0.27	Primary Over-Voltage
SAV063	822	'7511993_/9089649'	0.23	0.4	3.33	0.71	1.17	0.63	0.85 No	0.23	Primary Over-Voltage
SAV063	823	'87860072_/105990365'	0.3	0.4	3.33	0.1	0.5	0.66	0.59 No	0.1	Thermal Discharging
SAV063	824	'468352928_/468352947'	0.33	0.4	3.33	0.1	0.8	0.65	0.59 No	0.1	Thermal Discharging
SAV063	825	'8178612_/9435498'	0.37	0.4	3.33	0.71	1.1	0.66	0.85 No	0.37	Primary Over-Voltage
SAV063	826	'87860768_/87860011_1'	0.3	0.37	3.33	0.1	0.5	0.65	0.59 No	0.1	Thermal Discharging
SAV063	827	'8453016_/9404704'	0.23	0.4	3.33	0.71	1.17	0.63	0.85 No	0.23	Primary Over-Voltage
SAV063	828	'7511994_/7511991'	0.23	0.4	3.33	0.71	1.17	0.62	0.85 No	0.23	Primary Over-Voltage
SAV063	829	'87860037_/87860083'	0.3	0.4	3.33	0.1	0.5	0.64	0.59 No	0.1	Thermal Discharging
SAV063	830	'468352982_/468353001'	0.33	0.4	3.33	0.1	0.8	0.63	0.59 No	0.1	Thermal Discharging
SAV063	831	'8144323_/8453014'	0.23	0.4	3.33	0.71	1.17	0.61	0.85 No	0.23	Primary Over-Voltage
SAV063	832	'8144324_/8144321'	0.23	0.4	3.33	0.71	1.17	0.61	0.85 No	0.23	Primary Over-Voltage
SAV063	833	'468353021_/468353040'	0.33	0.37	3.33	0.1	0.8	0.62	0.59 No	0.1	Thermal Discharging
SAV063	834	'87860000_/87860048'	0.3	0.37	3.33	0.1	0.5	0.62	0.59 No	0.1	Thermal Discharging
SAV063	835	'7823024_/9717086'	0.2	0.37	3.33	0.71	1.17	0.6	0.85 No	0.2	Primary Over-Voltage
SAV063	836	'430401080_/452280656_1'	0.27	0.37	3.33	0.71	0.7	0.59	0.85 No	0.27	Primary Over-Voltage
SAV063	837	'478199220_/468353079'	0.33	0.37	3.33	0.1	0.8	0.61	0.59 No	0.1	Thermal Discharging
SAV063	838	'468353060_/478199241'	0.33	0.37	3.33	0.1	0.8	0.6	0.59 No	0.1	Thermal Discharging
SAV063	839	'7823025_/7823022'	0.2	0.37	3.33	0.71	1.17	0.58	0.85 No	0.2	Primary Over-Voltage
SAV063	840	'468353099_/468353118'	0.33	0.37	3.33	0.1	0.8	0.59	0.59 No	0.1	Thermal Discharging
SAV063	841	'468353138_/468353157'	0.33	0.37	3.33	0.1	0.8	0.59	0.59 No	0.1	Thermal Discharging
SAV063	842	'478199284_/468353196'	0.33	0.37	3.33	0.1	0.8	0.58	0.59 No	0.1	Thermal Discharging
SAV063	843	'8453051_/8453048'	0.2	0.37	3.33	0.71	1.17	0.56	0.85 No	0.2	Primary Over-Voltage
SAV063	844	'468353177_/478199304'	0.33	0.33	3.33	0.1	0.8	0.57	0.59 No	0.1	Thermal Discharging
SAV063	845	'468353216_/468353235'	0.33	0.33	3.33	0.1	0.8	0.57	0.59 No	0.1	Thermal Discharging
SAV063	846	'468655076_/468353265'	0.33	0.33	3.33	0.1	0.8	0.53	0.59 No	0.1	Thermal Discharging
SAV063	847	'468655130_/468655149'	0.3	0.3	3.33	0.1	0.8	0.52	0.59 No	0.1	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SAV063	848	'468655225_/_468655244'	0.3		0.3	3.33	0.1	0.8	0.5	0.59 No	0.1 Thermal Discharging
SAV063	849	'468655281_/_468655300'	0.3		0.3	3.33	0.1	0.8	0.5	0.59 No	0.1 Thermal Discharging
SAV063	850	'468655337_/_468655356'	0.3		0.3	3.33	0.1	0.8	0.49	0.59 No	0.1 Thermal Discharging
SAV063	851	'468655376_/_468655398'	0.3		0.3	3.33	0.1	0.8	0.48	0.59 No	0.1 Thermal Discharging
SAV063	852	'468656454_/_468655428'	0.27		0.27	3.33	0.1	0.8	0.47	0.59 No	0.1 Thermal Discharging
SAV067	0	'SAV067_/_2617372_2'	10		10	10	3.43	10	10	10 No	3.43 Thermal Discharging
SAV067	1	'2617358_/_2617372_2'	10		10	10	3.43	10	10	3.33 No	3.33 Unintentional Islanding
SAV067	2	'43175310_/_2617372_1'	10		10	10	3.43	10	10	3.33 No	3.33 Unintentional Islanding
SAV067	3	'2617341_/_2617355'	10		10	10	3.43	10	10	3.33 No	3.33 Unintentional Islanding
SAV067	4	'2617318_/_2617338'	10		10	10	3.43	10	10	3.33 No	3.33 Unintentional Islanding
SAV067	5	'111518185_/_2617315'	10		10	10	3.43	10	10	3.33 No	3.33 Unintentional Islanding
SAV067	6	'111516544_/_111516387'	10		10	10	3.43	10	10	3.33 No	3.33 Unintentional Islanding
SAV067	7	'111516558_/_111516038'	10		10	10	3.43	10	10	3.33 No	3.33 Unintentional Islanding
SAV067	8	'111515976_/_111516357'	10		10	10	3.43	10	10	3.33 No	3.33 Unintentional Islanding
SAV067	9	'2607055_/_111515974'	10		10	10	3.43	10	10	3.33 No	3.33 Unintentional Islanding
SAV067	10	'2607038_/_2607052'	10		10	10	3.43	10	10	3.33 No	3.33 Unintentional Islanding
SAV067	11	'2607037_/_2607035'	10		10	10	3.43	10	10	3.33 No	3.33 Unintentional Islanding
SAV067	12	'2606360_/_2607288'	10		10	10	3.43	10	10	3.33 No	3.33 Unintentional Islanding
SAV067	13	'43174944_/_43174946'	10		10	10	3.43	10	10	3.33 No	3.33 Unintentional Islanding
SAV067	14	'2606206_/_2606357'	10		10	10	3.43	10	10	3.33 No	3.33 Unintentional Islanding
SAV067	15	'2606207_/_2606204'	10		10	10	3.43	10	10	3.33 No	3.33 Unintentional Islanding
SAV067	16	'2606224_/_2606221'	10		10	10	3.43	10	10	3.33 No	3.33 Unintentional Islanding
SAV067	17	'43175115_/_43175117'	10		10	10	3.43	10	10	3.33 No	3.33 Unintentional Islanding
SAV067	18	'2606257_/_2606255'	10		10	10	3.43	10	10	3.33 No	3.33 Unintentional Islanding
SAV067	19	'2606465_/_2606462'	10		10	10	3.43	10	10	3.33 No	3.33 Unintentional Islanding
SAV067	20	'2606532_/_2606791'	10		10	10	3.43	10	10	3.33 No	3.33 Unintentional Islanding
SAV067	21	'2609092_/_2609090'	9.9		10	10	3.43	10	10	3.33 No	3.33 Unintentional Islanding
SAV067	22	'69565241_/_2606530'	10		10	10	3.43	10	10	3.33 No	3.33 Unintentional Islanding
SAV067	23	'8802487_/_9432868_2'	9.9		10	10	3.43	5.8	10	3.33 No	3.33 Unintentional Islanding
SAV067	24	'43175102_/_43175104'	9.5		10	10	3.43	10	10	3.33 No	3.33 Unintentional Islanding
SAV067	25	'69565245_/_2606564'	9.6		10	10	3.43	10	10	3.33 No	3.33 Unintentional Islanding
SAV067	26	'111418682_/_7137925'	9.7		10	10	3.43	10	10	3.33 No	3.33 Unintentional Islanding
SAV067	27	'111418841_/_111418684'	9.4		10	10	3.43	10	10	3.33 No	3.33 Unintentional Islanding
SAV067	28	'111418793_/_111418843'	9.2		10	10	3.43	10	10	3.33 No	3.33 Unintentional Islanding
SAV067	29	'111418814_/_111418795'	9		10	10	3.43	10	10	3.33 No	3.33 Unintentional Islanding
SAV067	30	'9388579_/_111418816'	8.8		10	10	3.43	10	10	3.33 No	3.33 Unintentional Islanding
SAV067	31	'7493717_/_7493714_3'	8.8		10	10	3.43	10	10	3.33 No	3.33 Unintentional Islanding
SAV067	32	'7493716_/_7493714_2'	7.8		10	10	3.43	10	10	3.33 No	3.33 Unintentional Islanding
SAV067	33	'9119971_/_9432868_1'	6.5		10	10	3.43	5.1	10	3.33 No	3.33 Unintentional Islanding
SAV067	34	'7137767_/_7493714_1'	7.8		10	10	3.43	10	10	3.33 No	3.33 Unintentional Islanding
SAV067	35	'643173018_/_643173059'	6.5		10	10	3.43	5.1	10	3.33 No	3.33 Unintentional Islanding
SAV067	36	'643173106_/_643173022'	6.3		10	10	3.43	5.1	10	3.33 No	3.33 Unintentional Islanding
SAV067	37	'2602481_/_7137764_3'	7.6		10	10	3.43	10	10	3.33 No	3.33 Unintentional Islanding
SAV067	38	'311229410_/_311229412'	7.3		10	10	3.43	4.7	10	3.33 No	3.33 Unintentional Islanding
SAV067	39	'2602480_/_2602478'	7		10	10	3.43	4.7	10	3.33 No	3.33 Unintentional Islanding
SAV067	40	'7161147_/_7137764_2'	7.3		10	10	3.43	10	10	3.33 No	3.33 Unintentional Islanding
SAV067	41	'2602500_/_2602498'	6.4		10	10	3.43	4.7	10	3.33 No	3.33 Unintentional Islanding
SAV067	42	'397615874_/_43174868_1'	6.4		10	10	3.43	1.5	10	3.33 No	1.5 Element Fault
SAV067	43	'7137766_/_7137764_1'	6.9		10	10	3.43	10	10	3.33 No	3.33 Unintentional Islanding
SAV067	44	'2608965_/_7137965'	6.9		10	10	3.43	10	10	3.33 No	3.33 Unintentional Islanding
SAV067	45	'2608349_/_2608962'	6.9		10	10	3.43	10	10	3.33 No	3.33 Unintentional Islanding
SAV067	46	'2608332_/_2608346'	6.8		10	10	3.43	10	10	3.33 No	3.33 Unintentional Islanding
SAV067	47	'2602310_/_43174868_2'	5.7		10	10	3.43	1.5	10	3.33 No	1.5 Element Fault
SAV067	48	'43175554_/_43175556'	6.7		10	10	3.43	10	10	3.33 No	3.33 Unintentional Islanding
SAV067	49	'2608298_/_2608312'	6.7		10	10	3.43	10	10	3.33 No	3.33 Unintentional Islanding
SAV067	50	'2603527_/_2608295'	6.6		10	10	3.43	10	10	3.33 No	3.33 Unintentional Islanding
SAV067	51	'412371078_/_412371086'	6.6		10	10	3.43	10	10	3.33 No	3.33 Unintentional Islanding
SAV067	52	'2608264_/_2608278'	6.6		10	10	3.43	10	10	3.33 No	3.33 Unintentional Islanding
SAV067	53	'8175794_/_8802284_1'	6.6		10	10	3.43	1.5	10	3.33 No	1.5 Element Fault
SAV067	54	'2608247_/_2608261'	6.5		10	10	3.43	10	10	3.33 No	3.33 Unintentional Islanding
SAV067	55	'2603528_/_2603876_1'	6.4		10	10	3.43	1.5	10	3.33 No	1.5 Element Fault
SAV067	56	'43175592_/_2653825'	6.5		10	10	3.43	10	10	3.33 No	3.33 Unintentional Islanding
SAV067	57	'2603710_/_2653845'	6.4		10	10	3.43	10	10	3.33 No	3.33 Unintentional Islanding
SAV067	58	'2602293_/_2602307'	5.1		10	10	3.43	1.5	10	3.33 No	1.5 Element Fault
SAV067	59	'43175541_/_43175543'	6.4		10	10	3.43	10	10	3.33 No	3.33 Unintentional Islanding
SAV067	60	'43175631_/_2608363'	6.3		9.9	10	3.43	10	10	3.33 No	3.33 Unintentional Islanding
SAV067	61	'2608366_/_2608440_1'	6.3		9.9	10	3.43	10	10	3.33 No	3.33 Unintentional Islanding
SAV067	62	'2603402_/_2608227'	6.3		9.9	10	3.43	10	10	3.33 No	3.33 Unintentional Islanding
SAV067	63	'2608385_/_2608440_2'	6.3		9.8	10	3.43	10	10	3.33 No	3.33 Unintentional Islanding
SAV067	64	'2603403_/_2603417_1'	6.2		9.8	10	3.43	1.5	10	3.33 No	1.5 Element Fault
SAV067	65	'2608386_/_2608383'	6.2		9.7	10	3.43	10	10	3.33 No	3.33 Unintentional Islanding
SAV067	66	'2608196_/_2608210'	6.2		9.6	10	3.43	10	10	3.33 No	3.33 Unintentional Islanding
SAV067	67	'7129376_/_2608193_2'	6.2		9.6	10	3.43	10	10	3.33 No	3.33 Unintentional Islanding
SAV067	68	'2603491_/_2603488'	6.1		9.6	10	3.43	6.6	10	3.33 No	3.33 Unintentional Islanding
SAV067	69	'2603861_/_2603876_2'	6		9.5	10	3.43	1.5	10	3.33 No	1.5 Element Fault
SAV067	70	'8802287_/_8802284_2'	5.9		9.5	10	3.43	1.5	10	3.33 No	1.5 Element Fault
SAV067	71	'7129377_/_7129394_1'	2.07		3.17	3.33	1.14	0.5	3.33	1.11 No	0.5 Element Fault
SAV067	72	'2608409_/_2608406'	6.2		9.5	10	3.43	10	10	3.33 No	3.33 Unintentional Islanding
SAV067	73	'357115893_/_357115895'	4.8		9.4	10	3.43	1.5	10	3.33 No	1.5 Element Fault
SAV067	74	'2603366_/_2608193_1'	6.1		9.4	10	3.43	10	10	3.33 No	3.33 Unintentional Islanding
SAV067	75	'106254734_/_106254731'	6		9.3	10	3.43	4.8	10	3.33 No	3.33 Unintentional Islanding
SAV067	76	'2603367_/_43175569_1'	4.07		6.27	6.67	2.29	1	6.67	2.22 No	1 Element Fault
SAV067	77	'2663789_/_2663804'	6.1		9.3	10	3.43	10	10	3.33 No	3.33 Unintentional Islanding
SAV067	78	'43175682_/_2663787'	6.1		9.3	10	3.43	10	10	3.33 No	3.33 Unintentional Islanding
SAV067	79	'2608162_/_2608786'	6		9.2	10	3.43	10	10	3.33 No	3.33 Unintentional Islanding
SAV067	80	'2603420_/_2603417_2'	5.9		9.2	10	3.43	1.5	10	3.33 No	1.5 Element Fault
SAV067	81	'2663824_/_2663821'	6		9.1	10	3.43	4.7	10	3.33 No	3.33 Unintentional Islanding
SAV067	82	'2603222_/_2608159'	5.9		9.1	10	3.43	10	10	3.33 No	3.33 Unintentional Islanding
SAV067	83	'2608426_/_2608423'	6		9.1	10	3.43	10	10	3.33 No	3.33 Unintentional Islanding
SAV067	84	'2608128_/_2608142'	5.9		9.1	10	3.43	10	10	3.33 No	3.33 Unintentional Islanding
SAV067	85	'106254765_/_106254762'	5.9		9.1	10	3.43	4.8	10	3.33 No	3.33 Unintentional Islanding
SAV067	86	'2603221_/_43175530_2'	5.9		9.1	10	3.43	6.6	10	3.33 No	3.33 Unintentional Islanding
SAV067	87	'2602276_/_2602290'	4.6		9	10	3.43	1.5	10	3.33 No	1.5 Element Fault
SAV067	88	'628546509_/_8485793_1'	6		9.1	10	3.43	2.8	10	3.33 No	2.8 Element Fault

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SAV067	89	'43175605_/_2603859'		5.6	9	10	3.43	1.5	10	3.33 No	1.5 Element Fault
SAV067	90	'49483419_/_8178153_2'		6	9.1	10	3.43	4.7	10	3.33 No	3.33 Unintentional Islanding
SAV067	91	'44437246_/_7129394_2'	1.97		3	3.33	1.14	0.5	3.33	1.11 No	0.5 Element Fault
SAV067	92	'2603242_/_2603256_1'		5.8	9	10	3.43	3.7	10	3.33 No	3.33 Unintentional Islanding
SAV067	93	'8178156_/_8178153_1'		5.9	9	10	3.43	1.5	10	3.33 No	1.5 Element Fault
SAV067	94	'2670823_/_2670838'		5.9	8.9	10	3.43	10	10	3.33 No	3.33 Unintentional Islanding
SAV067	95	'43175528_/_43175530_1'		5.8	8.9	10	3.43	3.7	10	3.33 No	3.33 Unintentional Islanding
SAV067	96	'2608111_/_2608125'		5.8	8.9	10	3.43	10	10	3.33 No	3.33 Unintentional Islanding
SAV067	97	'2603511_/_2603508'		5.7	8.9	10	3.43	6.6	10	3.33 No	3.33 Unintentional Islanding
SAV067	98	'2603437_/_2603434'		5.6	8.8	10	3.43	1.5	10	3.33 No	1.5 Element Fault
SAV067	99	'2622548_/_2670821'		5.8	8.8	10	3.43	10	10	3.33 No	3.33 Unintentional Islanding
SAV067	100	'8485816_/_9432682_1'		5.6	8.8	10	3.43	0.9	10	3.33 No	0.9 Element Fault
SAV067	101	'49199621_/_2670869'		5.8	8.7	10	3.43	5.1	10	3.33 No	3.33 Unintentional Islanding
SAV067	102	'2608094_/_2608108'		5.7	8.7	10	3.43	10	10	3.33 No	3.33 Unintentional Islanding
SAV067	103	'43175695_/_2622546'		5.8	8.7	10	3.43	10	10	3.33 No	3.33 Unintentional Islanding
SAV067	104	'49199646_/_7228576_1'		5.8	8.7	10	3.43	3.7	10	3.33 No	3.33 Unintentional Islanding
SAV067	105	'2622549_/_43175697'		5.8	8.6	10	3.43	10	10	3.33 No	3.33 Unintentional Islanding
SAV067	106	'8485796_/_8485793_2'		5.7	8.6	10	3.43	2.8	10	3.33 No	2.8 Element Fault
SAV067	107	'2608077_/_2608091'		5.6	8.6	10	3.43	10	10	3.33 No	3.33 Unintentional Islanding
SAV067	108	'8175814_/_8804666_1'		5.7	8.6	10	3.43	3.7	10	3.33 No	3.33 Unintentional Islanding
SAV067	109	'2622568_/_2622586'		5.7	8.6	10	3.43	10	10	3.33 No	3.33 Unintentional Islanding
SAV067	110	'49199635_/_7228576_2'		5.7	8.5	10	3.43	3.7	10	3.33 No	3.33 Unintentional Islanding
SAV067	111	'8175834_/_8802304_1'		5.7	8.5	10	3.43	1.5	10	3.33 No	1.5 Element Fault
SAV067	112	'2622569_/_2622566'		5.6	8.5	10	3.43	10	10	3.33 No	3.33 Unintentional Islanding
SAV067	113	'43175502_/_43175504'		5.5	8.4	10	3.43	10	10	3.33 No	3.33 Unintentional Islanding
SAV067	114	'43175579_/_2603839'		5.5	8.4	10	3.43	6.6	10	3.33 No	3.33 Unintentional Islanding
SAV067	115	'2608060_/_2608057_2'		5.5	8.4	10	3.43	10	10	3.33 No	3.33 Unintentional Islanding
SAV067	116	'2670858_/_2670855'		5.7	8.5	10	3.43	3.7	10	3.33 No	3.33 Unintentional Islanding
SAV067	117	'2603454_/_2603451'		5.3	8.4	10	3.43	1.5	10	3.33 No	1.5 Element Fault
SAV067	118	'2608043_/_2608057_1'		5.4	8.3	10	3.43	10	9.98	3.33 No	3.33 Unintentional Islanding
SAV067	119	'9432685_/_9432682_2'		5.3	8.2	10	3.43	0.9	10	3.33 No	0.9 Element Fault
SAV067	120	'8802207_/_9120217_1'		3.1	4.7	10	3.43	1.5	9.93	3.33 No	1.5 Element Fault
SAV067	121	'7792360_/_9059303_1'	1.73		2.73	3.33	1.14	0.1	3.33	1.11 No	0.1 Element Fault
SAV067	122	'2602259_/_2602273'		4.2	8.2	10	3.43	1.5	10	3.33 No	1.5 Element Fault
SAV067	123	'43175489_/_2608040'		5.4	8.2	10	3.43	10	9.9	3.33 No	3.33 Unintentional Islanding
SAV067	124	'43175618_/_2603471'		5.2	8.1	10	3.43	1.5	10	3.33 No	1.5 Element Fault
SAV067	125	'2603259_/_2603256_2'		5.3	8.1	10	3.43	3.7	10	3.33 No	3.33 Unintentional Islanding
SAV067	126	'2603188_/_2603202'		5.3	8.1	10	3.43	3.7	10	3.33 No	3.33 Unintentional Islanding
SAV067	127	'2608026_/_2608176'		5.3	8.1	10	3.43	10	9.76	3.33 No	3.33 Unintentional Islanding
SAV067	128	'8177597_/_8804666_2'		5.4	8	10	3.43	3.7	9.89	3.33 No	3.33 Unintentional Islanding
SAV067	129	'2603842_/_43175581'		5.2	8	10	3.43	3.7	10	3.33 No	3.33 Unintentional Islanding
SAV067	130	'2603382_/_43175569_2'	3.53		5.33	6.67	2.29	1	6.64	2.22 No	1 Element Fault
SAV067	131	'8177598_/_8177595'		5.3	8	10	3.43	3.7	9.83	3.33 No	3.33 Unintentional Islanding
SAV067	132	'2603474_/_43175620'		5.1	7.9	10	3.43	1.5	9.97	3.33 No	1.5 Element Fault
SAV067	133	'2608009_/_2608023'		5.2	7.9	10	3.43	10	9.64	3.33 No	3.33 Unintentional Islanding
SAV067	134	'8802307_/_8802304_2'		5.3	7.9	10	3.43	1.5	9.79	3.33 No	1.5 Element Fault
SAV067	135	'43175782_/_2603893'		4.9	7.8	10	3.43	1.5	10	3.33 No	1.5 Element Fault
SAV067	136	'2607992_/_2608006'		5.1	7.8	10	3.43	10	9.49	3.33 No	3.33 Unintentional Islanding
SAV067	137	'2603171_/_2603185'		5.1	7.7	10	3.43	3.7	9.69	3.33 No	3.33 Unintentional Islanding
SAV067	138	'736721918_/_2622603_1'		5.1	7.7	10	3.43	2.4	9.58	3.33 No	2.4 Element Fault
SAV067	139	'2607975_/_2607989'		5.1	7.6	10	3.43	10	9.35	3.33 No	3.33 Unintentional Islanding
SAV067	140	'43175708_/_2622603_2'		5.1	7.6	10	3.43	2.4	9.54	3.33 No	2.4 Element Fault
SAV067	141	'2607955_/_2607972'		5	7.5	10	3.43	10	9.21	3.33 No	3.33 Unintentional Islanding
SAV067	142	'2602123_/_2602256'		3.8	7.5	10	3.43	1.5	10	3.33 No	1.5 Element Fault
SAV067	143	'2603276_/_2603273'		4.9	7.4	10	3.43	3.7	9.45	3.33 No	3.33 Unintentional Islanding
SAV067	144	'2603154_/_2603168'		4.9	7.4	10	3.43	3.7	9.39	3.33 No	3.33 Unintentional Islanding
SAV067	145	'2607938_/_2607952'		4.9	7.4	10	3.43	10	9.05	3.33 No	3.33 Unintentional Islanding
SAV067	146	'9120180_/_9120177_2'		4.9	7.4	10	3.43	3.7	9.42	3.33 No	3.33 Unintentional Islanding
SAV067	147	'2607921_/_2607935'		4.8	7.3	10	3.43	10	8.95	3.33 No	3.33 Unintentional Islanding
SAV067	148	'7852589_/_7852586'		4.7	7.2	10	3.43	3.7	9.34	3.33 No	3.33 Unintentional Islanding
SAV067	149	'2603041_/_2607918'		4.8	7.2	10	3.43	10	8.83	3.33 No	3.33 Unintentional Islanding
SAV067	150	'2603544_/_43175784'		4.4	7.1	10	3.43	1.5	9.5	3.33 No	1.5 Element Fault
SAV067	151	'2607887_/_2607901'		4.7	7.1	10	3.43	10	8.73	3.33 No	3.33 Unintentional Islanding
SAV067	152	'43175515_/_2603293'		4.6	7	10	3.43	3.7	9.09	3.33 No	3.33 Unintentional Islanding
SAV067	153	'2603748_/_2603745'		4.7	7	10	3.43	2.4	9.01	3.33 No	2.4 Element Fault
SAV067	154	'2603134_/_2603151'		4.6	7	10	3.43	3.7	9	3.33 No	3.33 Unintentional Islanding
SAV067	155	'2607870_/_2607884'		4.6	6.9	10	3.43	10	8.61	3.33 No	3.33 Unintentional Islanding
SAV067	156	'2602103_/_2602121'		3.5	6.9	10	3.43	1.5	9.6	3.33 No	1.5 Element Fault
SAV067	157	'2607853_/_2607867'		4.6	6.9	10	3.43	10	8.52	3.33 No	3.33 Unintentional Islanding
SAV067	158	'2603313_/_43175517'		4.5	6.8	10	3.43	3.7	8.92	3.33 No	3.33 Unintentional Islanding
SAV067	159	'8485756_/_8486025_1'		4.5	6.8	10	3.43	1.8	8.88	3.33 No	1.8 Element Fault
SAV067	160	'7852569_/_9120177_1'		4.4	6.7	10	3.43	1.5	8.87	3.33 No	1.5 Element Fault
SAV067	161	'43175453_/_43175455'		4.5	6.7	10	3.43	10	8.39	3.33 No	3.33 Unintentional Islanding
SAV067	162	'2603042_/_43175479'	2.93		4.4	6.67	2.29	2.3	5.61	2.22 No	2.22 Unintentional Islanding
SAV067	163	'2603012_/_2607850'		4.4	6.6	10	3.43	10	8.27	3.33 No	3.33 Unintentional Islanding
SAV067	164	'2603117_/_2603131'		4.4	6.6	10	3.43	3.7	8.66	3.33 No	3.33 Unintentional Islanding
SAV067	165	'2603545_/_2603542'		4.1	6.5	10	3.43	1.5	8.95	3.33 No	1.5 Element Fault
SAV067	166	'8485775_/_8486025_2'		4.3	6.5	10	3.43	1.8	8.65	3.33 No	1.8 Element Fault
SAV067	167	'2602992_/_2607833'		4.4	6.5	10	3.43	10	8.14	3.33 No	3.33 Unintentional Islanding
SAV067	168	'43174879_/_2602101'		3.3	6.5	10	3.43	1.5	9.13	3.33 No	1.5 Element Fault
SAV067	169	'43175427_/_2607816'		4.3	6.4	10	3.43	10	8.06	3.33 No	3.33 Unintentional Islanding
SAV067	170	'2603330_/_2603327'		4.2	6.4	10	3.43	3.7	8.52	3.33 No	3.33 Unintentional Islanding
SAV067	171	'43175440_/_2602990'		4.3	6.3	10	3.43	4.7	8.01	3.33 No	3.33 Unintentional Islanding
SAV067	172	'8802247_/_9120405_1'		4.2	6.3	10	3.43	2.3	8.48	3.33 No	2.3 Element Fault
SAV067	173	'43175414_/_43175429'		4.3	6.3	10	3.43	10	7.96	3.33 No	3.33 Unintentional Islanding
SAV067	174	'2602993_/_8802184_2'		4.3	6.3	10	3.43	4.7	7.99	3.33 No	3.33 Unintentional Islanding
SAV067	175	'103628190_/_7852566'		4.1	6.3	10	3.43	1.5	8.41	3.33 No	1.5 Element Fault
SAV067	176	'2603765_/_2603762'		4.2	6.3	10	3.43	2.4	8.37	3.33 No	2.4 Element Fault
SAV067	177	'2603100_/_2603114'		4.2	6.2	10	3.43	3.7	8.32	3.33 No	3.33 Unintentional Islanding
SAV067	178	'2607784_/_2607782'		4.2	6.2	10	3.43	10	7.86	3.33 No	3.33 Unintentional Islanding
SAV067	179	'2603562_/_2603559'		3.8	6.2	10	3.43	1.5	8.58	3.33 No	1.5 Element Fault
SAV067	180	'43177584_/_2617747'		4.2	6.2	10	3.43	10	7.77	3.33 No	3.33 Unintentional Islanding
SAV067	181	'103628259_/_103628288'		4	6.1	10	3.43	1.5	8.3	3.33 No	1.5 Element Fault
SAV067	182	'8485776_/_8485773'		4.1	6.1	10	3.43	1.8	8.3	3.33 No	1.8 Element Fault

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SAV067	183	'2602104_/_43174881'	3.1	6.1	10	3.43	1.5	8.7	3.33 No	1.5	Element Fault
SAV067	184	'583951828_/_583951825'	4.1	6.1	10	3.43	2.4	8.2	3.33 No	2.4	Element Fault
SAV067	185	'2609002_/_2617764'	4.1	6.1	10	3.43	10	7.68	3.33 No	3.33	Unintentional Islanding
SAV067	186	'391063947_/_391063949'	4.1	6	10	3.43	10	7.64	3.33 No	3.33	Unintentional Islanding
SAV067	187	'103628153_/_103628270'	4	6	10	3.43	1.5	8.19	3.33 No	1.5	Element Fault
SAV067	188	'2608985_/_2608999'	4.1	6	10	3.43	10	7.61	3.33 No	3.33	Unintentional Islanding
SAV067	189	'8802187_/_8802184_1'	4	6	10	3.43	1.5	7.72	3.33 No	1.5	Element Fault
SAV067	190	'2603599_/_2603596'	2.6	4	6.67	2.29	1	5.58	2.22 No	1	Element Fault
SAV067	191	'358207170_/_358207145_1'	4.1	6	10	3.43	1.5	7.58	3.33 No	1.5	Element Fault
SAV067	192	'2607768_/_2608982'	4	5.9	10	3.43	10	7.54	3.33 No	3.33	Unintentional Islanding
SAV067	193	'2603083_/_2603097'	4	5.9	10	3.43	3.7	8.01	3.33 No	3.33	Unintentional Islanding
SAV067	194	'156307206_/_583951848'	4	5.9	10	3.43	2.4	8.05	3.33 No	2.4	Element Fault
SAV067	195	'2603582_/_2603579'	3.7	5.9	10	3.43	1.5	8.32	3.33 No	1.5	Element Fault
SAV067	196	'50458963_/_50458912_1'	4	5.9	10	3.43	1.5	7.51	3.33 No	1.5	Element Fault
SAV067	197	'2658983_/_2658980'	3.9	5.9	10	3.43	3.7	8.06	3.33 No	3.33	Unintentional Islanding
SAV067	198	'8487316_/_8487313_2'	3.9	5.9	10	3.43	3.7	8.05	3.33 No	3.33	Unintentional Islanding
SAV067	199	'2607751_/_2607765'	4	5.9	10	3.43	10	7.46	3.33 No	3.33	Unintentional Islanding
SAV067	200	'583951894_/_156307299_1'	3.9	5.9	10	3.43	0.9	8	3.33 No	0.9	Element Fault
SAV067	201	'7852568_/_103628159'	3.8	5.8	10	3.43	1.5	7.98	3.33 No	1.5	Element Fault
SAV067	202	'2607734_/_2607748'	4	5.8	10	3.43	10	7.39	3.33 No	3.33	Unintentional Islanding
SAV067	203	'8177673_/_8487313_1'	3.9	5.8	10	3.43	1.5	7.95	3.33 No	1.5	Element Fault
SAV067	204	'156307205_/_2603782'	3.9	5.8	10	3.43	2.4	7.91	3.33 No	2.4	Element Fault
SAV067	205	'2607717_/_2607731'	3.9	5.8	10	3.43	10	7.33	3.33 No	3.33	Unintentional Islanding
SAV067	206	'359418159_/_359418161'	3.9	5.8	10	3.43	3.7	7.82	3.33 No	3.33	Unintentional Islanding
SAV067	207	'7226171_/_9432662'	3.8	5.8	10	3.43	1.5	7.9	3.33 No	1.5	Element Fault
SAV067	208	'50458905_/_50458912_2'	3.9	5.7	10	3.43	1.5	7.36	3.33 No	1.5	Element Fault
SAV067	209	'359418393_/_359418357_1'	3.9	5.8	10	3.43	3.7	7.79	3.33 No	3.33	Unintentional Islanding
SAV067	210	'9120024_/_9120157_1'	3.9	5.7	10	3.43	1.9	7.3	3.33 No	1.9	Element Fault
SAV067	211	'7226170_/_7226168'	3.7	5.7	10	3.43	1.5	7.82	3.33 No	1.5	Element Fault
SAV067	212	'2607700_/_2607714'	3.9	5.7	10	3.43	10	7.21	3.33 No	3.33	Unintentional Islanding
SAV067	213	'7541967_/_9120157_2'	3.9	5.7	10	3.43	1.9	7.24	3.33 No	1.9	Element Fault
SAV067	214	'9120408_/_9120405_2'	3.7	5.6	10	3.43	2.3	7.78	3.33 No	2.3	Element Fault
SAV067	215	'43175721_/_2603799'	3.7	5.6	10	3.43	2.4	7.72	3.33 No	2.4	Element Fault
SAV067	216	'2607683_/_2607697'	3.8	5.6	10	3.43	10	7.13	3.33 No	3.33	Unintentional Islanding
SAV067	217	'7852548_/_8486045'	2.53	3.73	6.67	2.29	1.27	4.71	2.22 No	1.27	Element Fault
SAV067	218	'7129137_/_7129134'	1.23	1.87	3.33	1.14	1.23	2.56	1.11 No	1.11	Unintentional Islanding
SAV067	219	'37626142_/_358207145_2'	3.8	5.5	10	3.43	1.5	7.19	3.33 No	1.5	Element Fault
SAV067	220	'37626149_/_37626146'	3.8	5.5	10	3.43	1.5	7.19	3.33 No	1.5	Element Fault
SAV067	221	'399614955_/_399614952'	3.8	5.5	10	3.43	1.5	7.19	3.33 No	1.5	Element Fault
SAV067	222	'37626156_/_37626153'	3.8	5.5	10	3.43	1.5	7.19	3.33 No	1.5	Element Fault
SAV067	223	'37626170_/_37626174'	3.8	5.5	10	3.43	1.5	7.19	3.33 No	1.5	Element Fault
SAV067	224	'2607666_/_2607680'	3.8	5.5	10	3.43	10	7.05	3.33 No	3.33	Unintentional Islanding
SAV067	225	'8177674_/_8177671'	3.6	5.5	10	3.43	1.5	7.62	3.33 No	1.5	Element Fault
SAV067	226	'7541764_/_8175771'	3.6	5.5	10	3.43	1.5	7.63	3.33 No	1.5	Element Fault
SAV067	227	'156307302_/_156307299_2'	3.6	5.5	10	3.43	0.9	7.56	3.33 No	0.9	Element Fault
SAV067	228	'2607649_/_2607663'	3.7	5.4	10	3.43	10	6.97	3.33 No	3.33	Unintentional Islanding
SAV067	229	'7541763_/_7541761'	3.5	5.4	10	3.43	1.5	7.55	3.33 No	1.5	Element Fault
SAV067	230	'2607632_/_2607646'	3.7	5.4	10	3.43	10	6.92	3.33 No	3.33	Unintentional Islanding
SAV067	231	'37626191_/_37626181'	3.7	5.3	10	3.43	1.9	6.94	3.33 No	1.9	Element Fault
SAV067	232	'399615405_/_37626195'	3.7	5.3	10	3.43	1.5	6.94	3.33 No	1.5	Element Fault
SAV067	233	'399615360_/_37626188'	3.7	5.3	10	3.43	1.9	6.94	3.33 No	1.9	Element Fault
SAV067	234	'37626212_/_37626216'	3.7	5.3	10	3.43	1.9	6.94	3.33 No	1.9	Element Fault
SAV067	235	'399615375_/_7852546'	3.7	5.3	10	3.43	1.9	6.94	3.33 No	1.9	Element Fault
SAV067	236	'2607612_/_2607629'	3.6	5.3	10	3.43	10	6.82	3.33 No	3.33	Unintentional Islanding
SAV067	237	'359418338_/_359418357_2'	3.6	5.3	10	3.43	3.7	7.36	3.33 No	3.33	Unintentional Islanding
SAV067	238	'2603819_/_2603816'	3.5	5.3	10	3.43	2.4	7.42	3.33 No	2.4	Element Fault
SAV067	239	'8485636_/_8485633'	3.6	5.3	10	3.43	1.5	6.95	3.33 No	1.5	Element Fault
SAV067	240	'2607578_/_2607609'	3.6	5.3	10	3.43	10	6.76	3.33 No	3.33	Unintentional Islanding
SAV067	241	'9059306_/_9059303_2'	1.1	1.73	3.33	1.14	0.1	2.45	1.11 No	0.1	Element Fault
SAV067	242	'8485716_/_8485733'	3.4	5.2	10	3.43	1.5	7.31	3.33 No	1.5	Element Fault
SAV067	243	'2607558_/_2607575'	3.5	5.2	10	3.43	10	6.68	3.33 No	3.33	Unintentional Islanding
SAV067	244	'7541744_/_8485713'	3.4	5.2	10	3.43	1.5	7.28	3.33 No	1.5	Element Fault
SAV067	245	'37626226_/_441959902'	3.5	5.2	10	3.43	1.9	6.79	3.33 No	1.9	Element Fault
SAV067	246	'37626233_/_37626230'	3.5	5.2	10	3.43	1.9	6.79	3.33 No	1.9	Element Fault
SAV067	247	'37626254_/_37626258'	3.2	4.7	10	3.43	1.5	6.79	3.33 No	1.5	Element Fault
SAV067	248	'399615492_/_399615489'	3.5	5.2	10	3.43	1.9	6.79	3.33 No	1.9	Element Fault
SAV067	249	'37626240_/_37626233'	3.5	5.2	10	3.43	1.9	6.79	3.33 No	1.9	Element Fault
SAV067	250	'156297281_/_156004933'	3.4	5.1	10	3.43	0.9	7.22	3.33 No	0.9	Element Fault
SAV067	251	'2607541_/_2607555'	3.5	5.1	10	3.43	10	6.62	3.33 No	3.33	Unintentional Islanding
SAV067	252	'7852469_/_8485653'	3.5	5.1	10	3.43	1.5	6.79	3.33 No	1.5	Element Fault
SAV067	253	'2607524_/_2607538'	3.5	5.1	10	3.43	10	6.55	3.33 No	3.33	Unintentional Islanding
SAV067	254	'2602955_/_7852506_2'	3.5	5	10	3.43	1.9	6.67	3.33 No	1.9	Element Fault
SAV067	255	'43175401_/_7852506_1'	3.5	5	10	3.43	0.9	6.66	3.33 No	0.9	Element Fault
SAV067	256	'2607507_/_2607521'	3.4	5	10	3.43	10	6.48	3.33 No	3.33	Unintentional Islanding
SAV067	257	'2607490_/_2607504'	3.4	4.9	10	3.43	10	6.41	3.33 No	3.33	Unintentional Islanding
SAV067	258	'7852468_/_7852466'	3.4	4.9	10	3.43	1.5	6.64	3.33 No	1.5	Element Fault
SAV067	259	'7541743_/_7541741'	3.2	4.9	10	3.43	1.5	7.03	3.33 No	1.5	Element Fault
SAV067	260	'2607473_/_2607487'	3.3	4.9	10	3.43	10	6.34	3.33 No	3.3	Primary Over-Voltage
SAV067	261	'156297317_/_156297314'	3.2	4.9	10	3.43	0.9	6.92	3.33 No	0.9	Element Fault
SAV067	262	'7541644_/_419200259'	3.4	4.8	10	3.43	1.9	6.5	3.33 No	1.9	Element Fault
SAV067	263	'2602935_/_43175403'	3.3	4.8	10	3.43	0.9	6.49	3.33 No	0.9	Element Fault
SAV067	264	'2607456_/_2607470'	3.3	4.8	10	3.43	10	6.26	3.33 No	3.3	Primary Over-Voltage
SAV067	265	'2607439_/_2607453'	3.2	4.8	10	3.43	10	6.2	3.33 No	3.2	Primary Over-Voltage
SAV067	266	'7541625_/_8175717'	3.2	4.8	10	3.43	1.5	6.46	3.33 No	1.5	Element Fault
SAV067	267	'7541724_/_8802224'	3.1	4.7	10	3.43	1.5	6.81	3.33 No	1.5	Element Fault
SAV067	268	'7541626_/_7541623'	2.13	3.13	6.67	2.29	1	4.31	2.22 No	1	Element Fault
SAV067	269	'7541723_/_7541721'	3.1	4.7	10	3.43	1.5	6.77	3.33 No	1.5	Element Fault
SAV067	270	'2607422_/_2607436'	3.2	4.7	10	3.43	10	6.13	3.33 No	3.2	Primary Over-Voltage
SAV067	271	'8175739_/_8175737'	2.13	3.13	6.67	2.29	1	4.28	2.22 No	1	Element Fault
SAV067	272	'2607405_/_2607419'	3.2	4.7	10	3.43	10	6.06	3.33 No	3.2	Primary Over-Voltage
SAV067	273	'520559155_/_520559202'	3.2	4.6	10	3.43	1.9	6.29	3.33 No	1.9	Element Fault
SAV067	274	'2607388_/_2607402'	3.1	4.6	10	3.43	10	6.02	3.33 No	3.1	Primary Over-Voltage
SAV067	275	'156297414_/_156297411'	3.1	4.6	10	3.43	0.9	6.63	3.33 No	0.9	Element Fault
SAV067	276	'2607371_/_2607385'	3.1	4.6	10	3.43	10	6	3.33 No	3.1	Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SAV067	277	'9120385'___/9120385'	3.1	4.6	10	3.43	1.5	6.26	3.33 No	1.5	Element Fault
SAV067	278	'43175362'___/2607368'	3.1	4.6	10	3.43	10	5.95	3.33 No	3.1	Primary Over-Voltage
SAV067	279	'2607353'___/2607351'	3.1	4.5	10	3.43	10	5.9	3.33 No	3.1	Primary Over-Voltage
SAV067	280	'8485695'___/520559175'	3.1	4.5	10	3.43	1.9	6.15	3.33 No	1.9	Element Fault
SAV067	281	'43175349'___/43175351'	3	4.5	10	3.43	10	5.84	3.33 No	3	Primary Over-Voltage
SAV067	282	'7226155'___/419200183'	2.07	3	6.67	2.29	1.27	4.02	2.22 No	1.27	Element Fault
SAV067	283	'8121025'___/9382098'	3	4.4	10	3.43	1.5	6.1	3.33 No	1.5	Element Fault
SAV067	284	'7541968'___/7541965'	0.97	1.43	3.33	1.14	0.63	1.64	1.11 No	0.63	Element Fault
SAV067	285	'2602936'___/43175390'	3	4.3	10	3.43	0.9	5.98	3.33 No	0.9	Element Fault
SAV067	286	'37626296'___/419200164'	3	4.3	10	3.43	1.9	5.94	3.33 No	1.9	Element Fault
SAV067	287	'399615616'___/399615613'	2.2	3.3	10	3.43	1.5	5.94	3.33 No	1.5	Element Fault
SAV067	288	'37626268'___/37626272'	2.2	3.3	10	3.43	1.5	5.94	3.33 No	1.5	Element Fault
SAV067	289	'149259257'___/149259262'	2.2	3.3	10	3.43	1.5	5.91	3.33 No	1.5	Element Fault
SAV067	290	'7488651'___/7488648'	2.2	3.3	10	3.43	1.5	5.81	3.33 No	1.5	Element Fault
SAV067	291	'152190565'___/149987264_2'	2.2	3.3	10	3.43	1.5	5.74	3.33 No	1.5	Element Fault
SAV067	292	'149987514'___/149987264_1'	2.2	3.3	10	3.43	1.1	5.71	3.33 No	1.1	Element Fault
SAV067	293	'2602916'___/2602913'	2.2	3.3	10	3.43	1.1	5.67	3.33 No	1.1	Element Fault
SAV067	294	'2602915'___/149987523'	2.2	3.3	10	3.43	1.1	5.62	3.33 No	1.1	Element Fault
SAV067	295	'52271837'___/9120137_1'	2.2	3.3	10	3.43	0.8	5.62	3.33 No	0.8	Element Fault
SAV067	296	'52271720'___/9120137_2'	2.2	3.3	10	3.43	0.8	5.6	3.33 No	0.8	Element Fault
SAV067	297	'37626275'___/37626279'	2.2	3.3	10	3.43	1.5	5.62	3.33 No	1.5	Element Fault
SAV067	298	'37626282'___/7852486'	2.2	3.3	10	3.43	1.5	5.62	3.33 No	1.5	Element Fault
SAV067	299	'445784584'___/52271794'	2.2	3.3	10	3.43	0.8	5.59	3.33 No	0.8	Element Fault
SAV067	300	'52271787'___/445784636'	2.2	3.3	10	3.43	0.8	5.55	3.33 No	0.8	Element Fault
SAV067	301	'445784511'___/445784563'	2.2	3.3	10	3.43	0.8	5.49	3.33 No	0.8	Element Fault
SAV067	302	'52271753'___/445784515'	2.2	3.3	10	3.43	0.8	5.46	3.33 No	0.8	Element Fault
SAV067	303	'9120140'___/52271755'	2.2	3.3	10	3.43	0.8	5.44	3.33 No	0.8	Element Fault
SAV067	304	'9432624'___/9432622'	2.2	3.3	10	3.43	0.8	5.25	3.33 No	0.8	Element Fault
SAV067	305	'7226154'___/9120101'	0.77	1.1	3.33	1.14	0.63	1.4	1.11 No	0.63	Element Fault
SAV067	306	'34547220'___/440811147'	0.73	1.1	3.33	1.14	0.5	1.42	1.11 No	0.5	Element Fault
SAV067	307	'7488650'___/8121022'	0.73	1.1	3.33	1.14	0.5	1.41	1.11 No	0.5	Element Fault
SAV069	0	SAV069___/9432972'	10	10	10	0.27	10	10	10 No	0.27	Thermal Discharging
SAV069	1	'7542031'___/9432972'	10	10	10	0.27	10	10	3.55 No	0.27	Thermal Discharging
SAV069	2	'114370900'___/7542029_1'	10	10	10	0.27	10	10	3.55 No	0.27	Thermal Discharging
SAV069	3	'43175284'___/7542029_2'	10	10	10	0.27	10	10	3.55 No	0.27	Thermal Discharging
SAV069	4	'512814655'___/2617622_2'	10	10	10	0.27	10	10	3.55 No	0.27	Thermal Discharging
SAV069	5	'2617233'___/2617622_1'	10	10	10	0.27	10	10	3.55 No	0.27	Thermal Discharging
SAV069	6	'2617216'___/2617230'	10	10	10	0.27	10	10	3.55 No	0.27	Thermal Discharging
SAV069	7	'2617301'___/111518170'	10	10	10	0.27	10	10	3.55 No	0.27	Thermal Discharging
SAV069	8	'43175234'___/2617514'	10	10	10	0.27	10	10	3.55 No	0.27	Thermal Discharging
SAV069	9	'260509424'___/2607211_1'	10	10	10	0.27	10	10	3.55 No	0.27	Thermal Discharging
SAV069	10	'43175247'___/2607211_2'	10	10	10	0.27	10	10	3.55 No	0.27	Thermal Discharging
SAV069	11	'111515994'___/111515991'	10	10	10	0.27	10	10	3.55 No	0.27	Thermal Discharging
SAV069	12	'111518780'___/111516344_1'	10	10	10	0.27	10	10	3.55 No	0.27	Thermal Discharging
SAV069	13	'2602897'___/43175249'	10	10	10	0.27	10	10	3.55 No	0.27	Thermal Discharging
SAV069	14	'111518212'___/111516008'	10	10	10	0.27	10	10	3.55 No	0.27	Thermal Discharging
SAV069	15	'580765049'___/111518218'	10	10	10	0.27	10	10	3.55 No	0.27	Thermal Discharging
SAV069	16	'3242454'___/7071586'	10	10	10	0.27	10	10	3.55 No	0.27	Thermal Discharging
SAV069	17	'108762378'___/580765053'	10	10	10	0.27	10	10	3.55 No	0.27	Thermal Discharging
SAV069	18	'108762408'___/111516021_1'	10	10	10	0.27	10	10	3.55 No	0.27	Thermal Discharging
SAV069	19	'3242455'___/3242452'	10	10	10	0.27	10	10	3.55 No	0.27	Thermal Discharging
SAV069	20	'111516480'___/111516494'	10	10	10	0.27	10	10	3.55 No	0.27	Thermal Discharging
SAV069	21	'3242492'___/3242489'	10	10	10	0.27	10	10	3.55 No	0.27	Thermal Discharging
SAV069	22	'3244126'___/3244123'	10	10	10	0.27	10	10	3.55 No	0.27	Thermal Discharging
SAV069	23	'111516463'___/111516477'	10	10	10	0.27	10	10	3.55 No	0.27	Thermal Discharging
SAV069	24	'3244160'___/3244157'	10	10	10	0.27	10	10	3.55 No	0.27	Thermal Discharging
SAV069	25	'3244279'___/3244276'	10	10	10	0.27	10	10	3.55 No	0.27	Thermal Discharging
SAV069	26	'111516440'___/111516460'	10	10	10	0.27	10	10	3.55 No	0.27	Thermal Discharging
SAV069	27	'3244336'___/3244333'	10	10	10	0.27	10	10	3.55 No	0.27	Thermal Discharging
SAV069	28	'263177222'___/263177239'	10	10	10	0.27	10	10	3.55 No	0.27	Thermal Discharging
SAV069	29	'383118238'___/3244736'	10	10	10	0.27	10	10	3.55 No	0.27	Thermal Discharging
SAV069	30	'383118181'___/383118240'	10	10	10	0.27	10	10	3.55 No	0.27	Thermal Discharging
SAV069	31	'263177202'___/263177219'	10	10	10	0.27	10	10	3.55 No	0.27	Thermal Discharging
SAV069	32	'3244739'___/383118183'	10	10	10	0.27	10	10	3.55 No	0.27	Thermal Discharging
SAV069	33	'3244369'___/3244770'	9.7	10	10	0.27	10	10	3.55 No	0.27	Thermal Discharging
SAV069	34	'263177182'___/263177199'	9.7	10	10	0.27	10	10	3.55 No	0.27	Thermal Discharging
SAV069	35	'3244261'___/3244367'	9.3	10	10	0.27	10	10	3.55 No	0.27	Thermal Discharging
SAV069	36	'263177162'___/263177179'	9.2	10	10	0.27	10	10	3.55 No	0.27	Thermal Discharging
SAV069	37	'3244262'___/3244259'	9	10	10	0.27	10	10	3.55 No	0.27	Thermal Discharging
SAV069	38	'360139304'___/360139301'	9	10	10	0.27	4.7	10	3.55 No	0.27	Thermal Discharging
SAV069	39	'263177142'___/263177159'	8.8	10	10	0.27	10	10	3.55 No	0.27	Thermal Discharging
SAV069	40	'3244420'___/3250494'	8.7	10	10	0.27	10	10	3.55 No	0.27	Thermal Discharging
SAV069	41	'579638819'___/263177139_2'	8.8	10	10	0.27	10	10	3.55 No	0.27	Thermal Discharging
SAV069	42	'3244421'___/3244418'	8.4	10	10	0.27	10	10	3.55 No	0.27	Thermal Discharging
SAV069	43	'263176924'___/263177139_1'	8.3	10	10	0.27	10	10	3.55 No	0.27	Thermal Discharging
SAV069	44	'3250480'___/3250515'	8.4	10	10	0.27	10	10	3.55 No	0.27	Thermal Discharging
SAV069	45	'3244210'___/3244452'	8.1	10	10	0.27	10	10	3.55 No	0.27	Thermal Discharging
SAV069	46	'428896578'___/3244242'	8.1	10	10	0.27	10	10	3.55 No	0.27	Thermal Discharging
SAV069	47	'75529154'___/428896582'	8.1	10	10	0.27	10	10	3.55 No	0.27	Thermal Discharging
SAV069	48	'8511694'___/8511691_1'	7.9	10	10	0	1.1	10	8.52 No	0	Thermal Discharging
SAV069	49	'3244211'___/3244208'	7.9	10	10	0.27	10	10	3.55 No	0.27	Thermal Discharging
SAV069	50	'2606916'___/263176949'	7.9	10	10	0.27	10	10	3.55 No	0.27	Thermal Discharging
SAV069	51	'75529276'___/9143143_2'	7.9	10	10	0.27	5.4	10	3.55 No	0.27	Thermal Discharging
SAV069	52	'108762009'___/8511691_2'	7.9	10	10	0	1.1	10	8.52 No	0	Thermal Discharging
SAV069	53	'3240059'___/3244225'	7.7	10	10	0.27	10	10	3.55 No	0.27	Thermal Discharging
SAV069	54	'44128985'___/8511691_3'	7.5	10	10	0	1.1	10	8.52 No	0	Thermal Discharging
SAV069	55	'3262413'___/3262410'	2.5	3.33	3.33	0.09	1.5	3.33	1.18 No	0.09	Thermal Discharging
SAV069	56	'3240060'___/3240057'	7.4	10	10	0.27	10	10	3.55 No	0.27	Thermal Discharging
SAV069	57	'9143146'___/9143143_1'	7.9	10	10	0.27	1.5	10	3.55 No	0.27	Thermal Discharging
SAV069	58	'3244948'___/3244963'	7.2	10	10	0.27	10	10	3.55 No	0.27	Thermal Discharging
SAV069	59	'2602847'___/2606913'	7.1	10	10	0.27	10	10	3.55 No	0.27	Thermal Discharging
SAV069	60	'3244949'___/3244946'	7	10	10	0.27	10	10	3.55 No	0.27	Thermal Discharging
SAV069	61	'3263133'___/3263168'	6.9	10	10	0.27	10	10	3.55 No	0.27	Thermal Discharging
SAV069	62	'3232797'___/43286508'	6.8	10	10	0.27	10	10	3.55 No	0.27	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SAV069	63	'2606882_/_2606896'		6.7	10	10	0.27	10	10	3.55 No	0.27 Thermal Discharging
SAV069	64	'3232763_/_3232795'		6.6	10	10	0.27	10	10	3.55 No	0.27 Thermal Discharging
SAV069	65	'3253276_/_3253273'		6.6	10	10	0.27	4.7	10	3.55 No	0.27 Thermal Discharging
SAV069	66	'3263134_/_3263131'		6.6	10	10	0.27	4.7	10	3.55 No	0.27 Thermal Discharging
SAV069	67	'3253296_/_3253310_1'		6.6	10	10	0.27	1.5	10	3.55 No	0.27 Thermal Discharging
SAV069	68	'7251191_/_9459952_1'		6.6	10	10	0.27	1.5	10	3.55 No	0.27 Thermal Discharging
SAV069	69	'3232729_/_3232761'		6.4	10	10	0.27	10	10	3.55 No	0.27 Thermal Discharging
SAV069	70	'2606865_/_2606879'		6.4	10	10	0.27	10	10	3.55 No	0.27 Thermal Discharging
SAV069	71	'53971288_/_3250477'		6.3	10	10	0.27	4.9	10	3.55 No	0.27 Thermal Discharging
SAV069	72	'3232695_/_3232727'		6.3	10	10	0.27	10	10	3.55 No	0.27 Thermal Discharging
SAV069	73	'3232661_/_3232693'		6.1	10	10	0.27	10	10	3.55 No	0.27 Thermal Discharging
SAV069	74	'2602848_/_2602845_1'		6.1	10	10	0.27	4.8	10	3.55 No	0.27 Thermal Discharging
SAV069	75	'3232627_/_3232659'		6	10	10	0.27	10	10	3.55 No	0.27 Thermal Discharging
SAV069	76	'3253258_/_3253310_2'		6	10	10	0.27	1.5	10	3.55 No	0.27 Thermal Discharging
SAV069	77	'2606848_/_2606862'		6	10	10	0.27	10	10	3.55 No	0.27 Thermal Discharging
SAV069	78	'43175221_/_2602845_2'		6.1	10	10	0.27	4.8	10	3.55 No	0.27 Thermal Discharging
SAV069	79	'3232593_/_3232625'		5.9	10	10	0.27	10	10	3.55 No	0.27 Thermal Discharging
SAV069	80	'9459955_/_9459952_2'		5.8	10	10	0.27	1.5	10	3.55 No	0.27 Thermal Discharging
SAV069	81	'3232559_/_3232591'		5.7	10	10	0.27	10	10	3.55 No	0.27 Thermal Discharging
SAV069	82	'471440353_/_53971302_1'		5.7	10	10	0.15	4.9	10	2.49 No	0.15 Thermal Discharging
SAV069	83	'2606831_/_2606845'		5.7	10	10	0.27	10	10	3.55 No	0.27 Thermal Discharging
SAV069	84	'3232525_/_3232557'		5.6	10	10	0.27	10	10	3.55 No	0.27 Thermal Discharging
SAV069	85	'2602865_/_43175223'		5.7	10	10	0.27	4.8	10	3.55 No	0.27 Thermal Discharging
SAV069	86	'408258922_/_53971302_2'		5.6	10	10	0.15	4.9	10	2.49 No	0.15 Thermal Discharging
SAV069	87	'3232491_/_3232523'		5.5	10	10	0.27	10	10	3.55 No	0.27 Thermal Discharging
SAV069	88	'624839144_/_53971344_1'		5.6	10	10	0.15	3.4	10	2.49 No	0.15 Thermal Discharging
SAV069	89	'2606811_/_2606828'		5.4	10	10	0.27	10	10	3.55 No	0.27 Thermal Discharging
SAV069	90	'3232457_/_3232489'		5.3	10	10	0.27	10	10	3.55 No	0.27 Thermal Discharging
SAV069	91	'3232458_/_3232455'		5.2	10	10	0.27	10	10	3.55 No	0.27 Thermal Discharging
SAV069	92	'2606810_/_2606808'		5.2	10	10	0.27	10	10	3.55 No	0.27 Thermal Discharging
SAV069	93	'3240995_/_3241027'		5.1	10	10	0.27	10	10	3.55 No	0.27 Thermal Discharging
SAV069	94	'3253259_/_3253256'		5.1	10	10	0.27	1.5	10	3.55 No	0.27 Thermal Discharging
SAV069	95	'3240961_/_3240993'		5	10	10	0.27	10	10	3.55 No	0.27 Thermal Discharging
SAV069	96	'2605815_/_2605829'		5	10	10	0.27	10	10	3.55 No	0.27 Thermal Discharging
SAV069	97	'3240927_/_3240959'		4.9	10	10	0.27	10	10	3.55 No	0.27 Thermal Discharging
SAV069	98	'3240893_/_3240925'		4.9	10	10	0.27	10	10	3.55 No	0.27 Thermal Discharging
SAV069	99	'3240859_/_3240891'		4.8	10	10	0.27	10	10	3.55 No	0.27 Thermal Discharging
SAV069	100	'2605814_/_2605812'		4.8	10	10	0.27	10	10	3.55 No	0.27 Thermal Discharging
SAV069	101	'3240822_/_3240857'		4.7	10	10	0.27	10	10	3.55 No	0.27 Thermal Discharging
SAV069	102	'3235564_/_3240820'		4.6	10	10	0.27	10	10	3.55 No	0.27 Thermal Discharging
SAV069	103	'4990615_/_7071523'		4.6	10	10	0.27	10	10	3.55 No	0.27 Thermal Discharging
SAV069	104	'43286696_/_3261600'		4.5	10	10	0.27	1.5	10	3.55 No	0.27 Thermal Discharging
SAV069	105	'3240751_/_3240783'		4.5	10	10	0.27	10	10	3.55 No	0.27 Thermal Discharging
SAV069	106	'3240717_/_3240749'		4.5	10	10	0.27	10	10	3.55 No	0.27 Thermal Discharging
SAV069	107	'3240683_/_3240715'		4.4	10	10	0.27	10	10	3.55 No	0.27 Thermal Discharging
SAV069	108	'3240684_/_3240681'		4.3	10	10	0.27	10	10	3.55 No	0.27 Thermal Discharging
SAV069	109	'43282816_/_3261651'		4.2	10	10	0.27	10	10	3.55 No	0.27 Thermal Discharging
SAV069	110	'49458615_/_7880131_2'		4.2	10	10	0.27	10	10	3.55 No	0.27 Thermal Discharging
SAV069	111	'4990495_/_4990612'		4.2	10	10	0.27	10	10	3.55 No	0.27 Thermal Discharging
SAV069	112	'4990496_/_4990493'		4.1	10	10	0.27	10	10	3.55 No	0.27 Thermal Discharging
SAV069	113	'3261620_/_43286698'		4	10	10	0.27	1.5	10	3.55 No	0.27 Thermal Discharging
SAV069	114	'4990581_/_4990595'		4	10	10	0.27	10	10	3.55 No	0.27 Thermal Discharging
SAV069	115	'240658205_/_240658202'		3.9	10	10	0.27	4.7	10	3.55 No	0.27 Thermal Discharging
SAV069	116	'4990564_/_4990578'		3.9	10	10	0.27	10	10	3.55 No	0.27 Thermal Discharging
SAV069	117	'446652229_/_441826898_1'		3.9	10	10	0.27	1.5	10	3.55 No	0.27 Thermal Discharging
SAV069	118	'441826879_/_441826898_2'		3.8	10	10	0.27	1.5	10	3.55 No	0.27 Thermal Discharging
SAV069	119	'4990547_/_4990561'		3.8	10	10	0.27	10	10	3.55 No	0.27 Thermal Discharging
SAV069	120	'4990530_/_4990544'		3.7	10	10	0.27	10	10	3.55 No	0.27 Thermal Discharging
SAV069	121	'402847301_/_402847298'		3.5	10	10	0.27	10	10	3.55 No	0.27 Thermal Discharging
SAV069	122	'3253329_/_3261634'		3.5	10	10	0.27	1.5	10	3.55 No	0.27 Thermal Discharging
SAV069	123	'402847332_/_402847329'		3.4	10	10	0.27	10	10	3.55 No	0.27 Thermal Discharging
SAV069	124	'426031698_/_420513814_1'		3.4	10	10	0.27	10	10	3.55 No	0.27 Thermal Discharging
SAV069	125	'420513817_/_420513814_2'		3.4	10	10	0.27	10	10	3.55 No	0.27 Thermal Discharging
SAV069	126	'420513853_/_420513850'		3.3	10	10	0.27	10	10	3.55 No	0.27 Thermal Discharging
SAV069	127	'420513884_/_420513881'		3.2	10	10	0.27	10	10	3.55 No	0.27 Thermal Discharging
SAV069	128	'53971439_/_53971344_2'		3.2	10	10	0.15	3.4	10	2.49 No	0.15 Thermal Discharging
SAV069	129	'420513915_/_420513912'		3.1	10	10	0.27	10	10	3.55 No	0.27 Thermal Discharging
SAV069	130	'420513951_/_420513948'		3.1	10	10	0.27	10	10	3.55 No	0.27 Thermal Discharging
SAV069	131	'420514112_/_420513984_1'		3.1	10	10	0.01	10	10	5.84 No	0.01 Thermal Discharging
SAV069	132	'420513987_/_420513984_2'		3	10	10	0.01	10	10	5.84 No	0.01 Thermal Discharging
SAV069	133	'43619514_/_420514095'		3	10	10	0.27	10	10	3.55 No	0.27 Thermal Discharging
SAV069	134	'420514125_/_420514123'		3	10	10	0.27	10	10	3.55 No	0.27 Thermal Discharging
SAV069	135	'4986917_/_420514006'		2	6.67	6.67	0.01	2.4	6.67	3.9 No	0.01 Thermal Discharging
SAV069	136	'420514163_/_420514160'		2.9	10	10	0.27	10	10	3.55 No	0.27 Thermal Discharging
SAV069	137	'332577619_/_53971535_1'		2.4	8.5	10	0.15	3.4	10	2.49 No	0.15 Thermal Discharging
SAV069	138	'43284673_/_53971535_2'		2.4	8.5	10	0.15	3.4	10	2.49 No	0.15 Thermal Discharging
SAV069	139	'3242613_/_624672641'		2.4	8.5	10	0.15	3.4	10	2.49 No	0.15 Thermal Discharging
SAV069	140	'4987562_/_420514184'		2.9	10	10	0.27	10	10	3.55 No	0.27 Thermal Discharging
SAV069	141	'43619526_/_43619528'		2.8	10	10	0.27	10	10	3.55 No	0.27 Thermal Discharging
SAV069	142	'4990841_/_4992170_2'		2.8	10	10	0.27	10	10	3.55 No	0.27 Thermal Discharging
SAV069	143	'4992172_/_4992170_1'		2.8	9.9	10	0.27	10	10	3.55 No	0.27 Thermal Discharging
SAV069	144	'4990791_/_4992204'		2.7	9.7	10	0.27	10	10	3.55 No	0.27 Thermal Discharging
SAV069	145	'4990774_/_4990788'		2.7	9.6	10	0.27	10	10	3.55 No	0.27 Thermal Discharging
SAV069	146	'4987370_/_4990771'		2.6	9.5	10	0.27	10	10	3.55 No	0.27 Thermal Discharging
SAV069	147	'220794661_/_220795848'		2.4	8.5	10	0.15	3.4	10	2.49 No	0.15 Thermal Discharging
SAV069	148	'43619539_/_4990754'		2.6	9.3	10	0.27	10	10	3.55 No	0.27 Thermal Discharging
SAV069	149	'4987369_/_4987380_2'		0.87	3.07	3.33	0.09	1.1	3.33	1.18 No	0.09 Thermal Discharging
SAV069	150	'220795712_/_220794856_1'		2.4	8.5	10	0.15	0.2	10	2.49 No	0.15 Thermal Discharging
SAV069	151	'4986932_/_4986929'		1.73	6.13	6.67	0.01	2.4	6.67	3.9 No	0.01 Thermal Discharging
SAV069	152	'43619270_/_4990734'		2.6	9.2	10	0.27	10	10	3.55 No	0.27 Thermal Discharging
SAV069	153	'220794818_/_220794856_2'		2.4	8.5	10	0.15	0.2	10	2.49 No	0.15 Thermal Discharging
SAV069	154	'8314807_/_8314804_2'		0.83	3	3.33	0	1.2	3.33	1.95 No	0 Thermal Discharging
SAV069	155	'43619256_/_43619258'		2.5	8.9	10	0.27	10	10	3.55 No	0.27 Thermal Discharging
SAV069	156	'4986460_/_4987380_1'		0.83	2.93	3.33	0.09	0.7	3.33	1.18 No	0.09 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SAV069	157	'4992322_/_4992336'		2.5	8.8	10	0.27	10	10	3.55 No	0.27 Thermal Discharging
SAV069	158	'4992321_/_4992319'		2.4	8.7	10	0.27	10	10	3.55 No	0.27 Thermal Discharging
SAV069	159	'53971461_/_53971483'		0.83	2.87	3.33	0.05	1.13	3.33	0.83 No	0.05 Thermal Discharging
SAV069	160	'4990825_/_4992353'		2.4	8.5	10	0.27	10	10	3.55 No	0.27 Thermal Discharging
SAV069	161	'8314806_/_8314804_1'		0.8	2.83	3.33	0	0.2	3.33	1.95 No	0 Thermal Discharging
SAV069	162	'4992372_/_43619247_2'		0.8	2.83	3.33	0.09	1.1	3.33	1.18 No	0.09 Thermal Discharging
SAV069	163	'53971416_/_53971506'		0.8	2.83	3.33	0.05	1.13	3.33	0.83 No	0.05 Thermal Discharging
SAV069	164	'4990720_/_4990822'		2.4	8.4	10	0.27	10	9.94	3.55 No	0.27 Thermal Discharging
SAV069	165	'4990703_/_4990717'		2.3	8.3	10	0.27	10	9.84	3.55 No	0.27 Thermal Discharging
SAV069	166	'4986947_/_4986944'		1.53	5.53	6.67	0.01	2.3	6.67	3.9 No	0.01 Thermal Discharging
SAV069	167	'43619245_/_43619247_1'		0.77	2.73	3.33	0.09	0.1	3.28	1.18 No	0.09 Thermal Discharging
SAV069	168	'43619199_/_43619201'		2.3	8.2	10	0.27	10	9.72	3.55 No	0.27 Thermal Discharging
SAV069	169	'43620822_/_43620824'		0.77	2.73	3.33	0.09	1.1	3.26	1.18 No	0.09 Thermal Discharging
SAV069	170	'4986459_/_4986457'		0.77	2.73	3.33	0.09	0.7	3.32	1.18 No	0.09 Thermal Discharging
SAV069	171	'470164031_/_4992290_2'		0.77	2.73	3.33	0.09	1.1	3.25	1.18 No	0.09 Thermal Discharging
SAV069	172	'4983344_/_4990683'		2.3	8.1	10	0.27	10	9.62	3.55 No	0.27 Thermal Discharging
SAV069	173	'4986444_/_4986470'		0.77	2.67	3.33	0.09	0.7	3.28	1.18 No	0.09 Thermal Discharging
SAV069	174	'4983128_/_4983125_2'		0.73	2.67	3.33	0.09	0.1	3.23	1.18 No	0.09 Thermal Discharging
SAV069	175	'4990668_/_4990666'		2.2	8	10	0.27	10	9.52	3.55 No	0.27 Thermal Discharging
SAV069	176	'220795822_/_220795824'		2.3	7.9	10	0.15	3.4	10	2.49 No	0.15 Thermal Discharging
SAV069	177	'4984523_/_4993300'		2.2	7.9	10	0.27	10	9.43	3.55 No	0.27 Thermal Discharging
SAV069	178	'4993319_/_4993334'		2.2	7.8	10	0.27	10	9.38	3.55 No	0.27 Thermal Discharging
SAV069	179	'4984604_/_4993317'		2.2	7.8	10	0.27	10	9.33	3.55 No	0.27 Thermal Discharging
SAV069	180	'77047677_/_8001654'		2.2	7.8	10	0.27	1.1	9.33	3.55 No	0.27 Thermal Discharging
SAV069	181	'425112061_/_4993371_2'		2.2	7.8	10	0.27	10	9.32	3.55 No	0.27 Thermal Discharging
SAV069	182	'4984411_/_4984601'		2.2	7.7	10	0.27	10	9.26	3.55 No	0.27 Thermal Discharging
SAV069	183	'43619175_/_4983342'		2.2	7.7	10	0.27	3.5	9.34	3.55 No	0.27 Thermal Discharging
SAV069	184	'149034336_/_4984487_1'		0.73	2.57	3.33	0.09	0.5	3.08	1.18 No	0.09 Thermal Discharging
SAV069	185	'43621130_/_43621132'		0.7	2.53	3.33	0.09	2	3.07	1.18 No	0.09 Thermal Discharging
SAV069	186	'4986486_/_4986483'		0.7	2.53	3.33	0.09	0.7	3.17	1.18 No	0.09 Thermal Discharging
SAV069	187	'4992267_/_4992290_1'		0.7	2.53	3.33	0.09	0.5	3.12	1.18 No	0.09 Thermal Discharging
SAV069	188	'4984503_/_4984500'		2.1	7.6	10	0.27	10	9.15	3.55 No	0.27 Thermal Discharging
SAV069	189	'4983345_/_4983363_1'		2.1	7.6	10	0.27	1.5	9.26	3.55 No	0.27 Thermal Discharging
SAV069	190	'4987028_/_43619505'		0.7	2.53	3.33	0	1.1	3.23	1.95 No	0 Thermal Discharging
SAV069	191	'4984477_/_4984474_2'		0.7	2.53	3.33	0.09	2	3.05	1.18 No	0.09 Thermal Discharging
SAV069	192	'4986443_/_4986441'		0.7	2.53	3.33	0.09	0.7	3.15	1.18 No	0.09 Thermal Discharging
SAV069	193	'148999110_/_4984487_2'		0.7	2.5	3.33	0.09	0.5	3.04	1.18 No	0.09 Thermal Discharging
SAV069	194	'43621119_/_43621121'		0.7	2.5	3.33	0.09	0.5	3.04	1.18 No	0.09 Thermal Discharging
SAV069	195	'4980347_/_4990385'		2.1	7.5	10	0.27	10	9.07	3.55 No	0.27 Thermal Discharging
SAV069	196	'4980348_/_4987517_1'		0.7	2.5	3.33	0.09	0.5	3.01	1.18 No	0.09 Thermal Discharging
SAV069	197	'43618680_/_4993777'		2.1	7.4	10	0.27	10	8.96	3.55 No	0.27 Thermal Discharging
SAV069	198	'4993780_/_4993794_1'		2.1	7.4	10	0.27	10	8.95	3.55 No	0.27 Thermal Discharging
SAV069	199	'4986962_/_4986959'		1.4	4.93	6.67	0.01	2.3	6.37	3.9 No	0.01 Thermal Discharging
SAV069	200	'4993628_/_4993794_2'		2.1	7.3	10	0.27	10	8.88	3.55 No	0.27 Thermal Discharging
SAV069	201	'123453376_/_4987517_2'		0.7	2.43	3.33	0.09	0.5	2.97	1.18 No	0.09 Thermal Discharging
SAV069	202	'4983115_/_4983125_1'		0.67	2.43	3.33	0	0.1	3.05	1.18 No	0 Thermal Discharging
SAV069	203	'4993629_/_4993747_1'		0.7	2.43	3.33	0.09	0.5	2.95	1.18 No	0.09 Thermal Discharging
SAV069	204	'220795793_/_220795795'		2.1	7.3	10	0.15	3.4	10	2.49 No	0.15 Thermal Discharging
SAV069	205	'4993814_/_4993811'		2	7.2	10	0.27	10	8.78	3.55 No	0.27 Thermal Discharging
SAV069	206	'4982631_/_4984474_1'		0.67	2.4	3.33	0.01	2	2.93	1.18 No	0.01 Thermal Discharging
SAV069	207	'4993831_/_4993828'		2	7.2	10	0.27	10	8.7	3.55 No	0.27 Thermal Discharging
SAV069	208	'4981368_/_4981378'		0.67	2.37	3.33	0.09	0.5	2.91	1.18 No	0.09 Thermal Discharging
SAV069	209	'4993762_/_4993845'		2	7.1	10	0.27	10	8.63	3.55 No	0.27 Thermal Discharging
SAV069	210	'4993696_/_4993694'		0.67	2.37	3.33	0.09	1.1	2.89	1.18 No	0.09 Thermal Discharging
SAV069	211	'7365896_/_7365894_1'		2	7.1	10	0.27	1.5	8.62	3.55 No	0.27 Thermal Discharging
SAV069	212	'4993763_/_4993760'		2	7	10	0.27	10	8.53	3.55 No	0.27 Thermal Discharging
SAV069	213	'4981393_/_4984487_3'		0.67	2.3	3.33	0.09	0.5	2.88	1.18 No	0.09 Thermal Discharging
SAV069	214	'4983277_/_4992264'		0.63	2.3	3.33	0.09	0.5	2.93	1.18 No	0.09 Thermal Discharging
SAV069	215	'4984438_/_4984448'		0.63	2.3	3.33	0.09	0.5	2.88	1.18 No	0.09 Thermal Discharging
SAV069	216	'5710815_/_7088598'		1.9	6.9	10	0.27	10	8.44	3.55 No	0.27 Thermal Discharging
SAV069	217	'5703317_/_5710813'		1.9	6.8	10	0.27	10	8.37	3.55 No	0.27 Thermal Discharging
SAV069	218	'4981552_/_4987517_3'		0.63	2.27	3.33	0.09	0.5	2.84	1.18 No	0.09 Thermal Discharging
SAV069	219	'43621185_/_4993905'		0.63	2.27	3.33	0.09	1.1	2.81	1.18 No	0.09 Thermal Discharging
SAV069	220	'417694830_/_7365894_2'		1.9	6.8	10	0.27	1.5	8.4	3.55 No	0.27 Thermal Discharging
SAV069	221	'4982618_/_4982628'		0.63	2.27	3.33	0.01	2	2.81	1.18 No	0.01 Thermal Discharging
SAV069	222	'5710725_/_5710722'		1.9	6.8	10	0.27	10	8.3	3.55 No	0.27 Thermal Discharging
SAV069	223	'4983366_/_4983363_2'		1.9	6.7	10	0.27	1.5	8.6	3.55 No	0.27 Thermal Discharging
SAV069	224	'4986499_/_4986496'		0.63	2.23	3.33	0.09	0.7	2.92	1.18 No	0.09 Thermal Discharging
SAV069	225	'4993908_/_4993921_1'		0.63	2.23	3.33	0.09	0.5	2.79	1.18 No	0.09 Thermal Discharging
SAV069	226	'3235101_/_220794778'		2	6.7	10	0.15	3.4	9.58	2.49 No	0.15 Thermal Discharging
SAV069	227	'7724487_/_7724484'		1.9	6.8	10	0.27	1.5	8.24	3.55 No	0.27 Thermal Discharging
SAV069	228	'4986748_/_4986974'		1.27	4.47	6.67	0.01	2.3	5.94	3.9 No	0.01 Thermal Discharging
SAV069	229	'4992280_/_43619236'		0.63	2.23	3.33	0.09	0.5	2.86	1.18 No	0.09 Thermal Discharging
SAV069	230	'5710745_/_5710742'		1.9	6.7	10	0.27	10	8.2	3.55 No	0.27 Thermal Discharging
SAV069	231	'417694966_/_417694945'		1.9	6.7	10	0.27	1.5	8.3	3.55 No	0.27 Thermal Discharging
SAV069	232	'417694876_/_417694970'		1.2	4.4	6.67	0.18	1	5.55	2.37 No	0.18 Thermal Discharging
SAV069	233	'4986735_/_4986732_2'		0.63	2.2	3.33	0	1.1	2.94	1.95 No	0 Thermal Discharging
SAV069	234	'4993736_/_4993747_2'		0.63	2.2	3.33	0.09	0.5	2.76	1.18 No	0.09 Thermal Discharging
SAV069	235	'5702412_/_5712865_1'		1.8	6.6	10	0.27	1.5	8.13	3.55 No	0.27 Thermal Discharging
SAV069	236	'5710762_/_5710759'		1.8	6.6	10	0.27	10	8.1	3.55 No	0.27 Thermal Discharging
SAV069	237	'4982605_/_4982615'		0.6	2.2	3.33	0.01	2	2.74	1.18 No	0.01 Thermal Discharging
SAV069	238	'4981355_/_4981365'		0.6	2.2	3.33	0.09	0.5	2.76	1.18 No	0.09 Thermal Discharging
SAV069	239	'4993881_/_4993892'		0.6	2.17	3.33	0.09	1.1	2.75	1.18 No	0.09 Thermal Discharging
SAV069	240	'43767579_/_5710776'		1.8	6.5	10	0.27	10	8.04	3.55 No	0.27 Thermal Discharging
SAV069	241	'5702413_/_5712865_2'		1.8	6.5	10	0.27	1.5	8.06	3.55 No	0.27 Thermal Discharging
SAV069	242	'229716768_/_43767581_1'		1.8	6.4	10	0.27	10	7.96	3.55 No	0.27 Thermal Discharging
SAV069	243	'5710796_/_43767581_2'		1.8	6.4	10	0.27	10	7.95	3.55 No	0.27 Thermal Discharging
SAV069	244	'43767557_/_43767559'		0.6	2.13	3.33	0.09	1.1	2.67	1.18 No	0.09 Thermal Discharging
SAV069	245	'4983102_/_4983112'		0.6	2.13	3.33	0	0.1	2.78	1.18 No	0 Thermal Discharging
SAV069	246	'5702425_/_5711026'		1.8	6.4	10	0.27	10	7.89	3.55 No	0.27 Thermal Discharging
SAV069	247	'5702426_/_5710271_1'		0.6	2.13	3.33	0.09	0.5	2.62	1.18 No	0.09 Thermal Discharging
SAV069	248	'5703316_/_43767548_2'		0.6	2.1	3.33	0.09	1.1	2.65	1.18 No	0.09 Thermal Discharging
SAV069	249	'4986722_/_4986732_1'		0.6	2.1	3.33	0	0.2	2.85	1.95 No	0 Thermal Discharging
SAV069	250	'4993924_/_4993921_2'		0.6	2.1	3.33	0.09	0.5	2.67	1.18 No	0.09 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Over-Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SAV069	251	'5711046_/5711043'		1.8	6.3	10	0.27	10	7.81	3.55 No	0.27 Thermal Discharging
SAV069	252	'5705401_/5705398_2'		0.6	2.1	3.33	0.09	1.1	2.6	1.18 No	0.09 Thermal Discharging
SAV069	253	'43618693_/4981391'		0.6	2.1	3.33	0.09	0.5	2.69	1.18 No	0.09 Thermal Discharging
SAV069	254	'43621108_/4984435'		0.6	2.1	3.33	0.09	0.5	2.68	1.18 No	0.09 Thermal Discharging
SAV069	255	'5702438_/5711060'		1.7	6.2	10	0.27	10	7.75	3.55 No	0.27 Thermal Discharging
SAV069	256	'53833935_/53833932'		1.7	6.2	10	0.27	1.5	8.13	3.55 No	0.27 Thermal Discharging
SAV069	257	'5702439_/5710284_1'		0.57	2.07	3.33	0.09	0.7	2.57	1.18 No	0.09 Thermal Discharging
SAV069	258	'43618748_/4981550'		0.57	2.07	3.33	0.09	0.5	2.66	1.18 No	0.09 Thermal Discharging
SAV069	259	'63993868_/53834012_1'		1.7	6.2	10	0.27	0.9	8.11	3.55 No	0.27 Thermal Discharging
SAV069	260	'4982592_/4982602'		0.57	2.07	3.33	0.01	2	2.62	1.18 No	0.01 Thermal Discharging
SAV069	261	'4983276_/4983274'		0.57	2.07	3.33	0.09	0.5	2.7	1.18 No	0.09 Thermal Discharging
SAV069	262	'5705333_/5711077'		1.7	6.2	10	0.27	10	7.67	3.55 No	0.27 Thermal Discharging
SAV069	263	'5705492_/43768336_2'		0.57	2.07	3.33	0.09	1.1	2.56	1.18 No	0.09 Thermal Discharging
SAV069	264	'3235084_/3235098'		1.8	6.2	10	0.15	3.4	8.93	2.49 No	0.15 Thermal Discharging
SAV069	265	'5710302_/5710975'		1.7	6.1	10	0.27	10	7.61	3.55 No	0.27 Thermal Discharging
SAV069	266	'5709503_/5710271_2'		0.57	2.03	3.33	0.09	0.5	2.56	1.18 No	0.09 Thermal Discharging
SAV069	267	'53834005_/53834012_2'		1.7	6	10	0.27	0.9	7.98	3.55 No	0.27 Thermal Discharging
SAV069	268	'43768299_/5710992'		1.7	6	10	0.27	10	7.52	3.55 No	0.27 Thermal Discharging
SAV069	269	'43766542_/43766544'		1.7	6	10	0.27	1.5	7.69	3.55 No	0.27 Thermal Discharging
SAV069	270	'4983193_/4983190'		0.57	2	3.33	0.01	1.1	2.57	1.18 No	0.01 Thermal Discharging
SAV069	271	'4986991_/4987406'		1.13	4	6.67	0.01	2.3	5.48	3.9 No	0.01 Thermal Discharging
SAV069	272	'5709662_/5710284_2'		0.57	2	3.33	0.09	0.7	2.51	1.18 No	0.09 Thermal Discharging
SAV069	273	'5705385_/5705398_1'		0.57	2	3.33	0.09	0.5	2.52	1.18 No	0.09 Thermal Discharging
SAV069	274	'4982579_/4982589'		0.57	2	3.33	0.01	2	2.56	1.18 No	0.01 Thermal Discharging
SAV069	275	'5710318_/43768301'		1.7	6	10	0.27	10	7.47	3.55 No	0.27 Thermal Discharging
SAV069	276	'43618669_/4981352'		0.57	1.97	3.33	0.09	0.5	2.58	1.18 No	0.09 Thermal Discharging
SAV069	277	'5710182_/5710300_1'		0.57	1.97	3.33	0.09	0.5	2.49	1.18 No	0.09 Thermal Discharging
SAV069	278	'43621218_/4993878'		0.57	1.97	3.33	0.09	1.1	2.57	1.18 No	0.09 Thermal Discharging
SAV069	279	'43619142_/4983138'		0.57	1.97	3.33	0	0.1	2.63	1.18 No	0 Thermal Discharging
SAV069	280	'4986709_/4986719'		0.57	1.97	3.33	0	0.2	2.71	1.95 No	0 Thermal Discharging
SAV069	281	'5703652_/5711327'		1.6	5.9	10	0.27	10	7.41	3.55 No	0.27 Thermal Discharging
SAV069	282	'5703653_/5703650'		1.6	5.9	10	0.27	10	7.39	3.55 No	0.27 Thermal Discharging
SAV069	283	'43767546_/43767548_1'		0.53	1.97	3.33	0.09	0.5	2.53	1.18 No	0.09 Thermal Discharging
SAV069	284	'43619552_/4986509'		0.57	1.97	3.33	0.09	0.7	2.65	1.18 No	0.09 Thermal Discharging
SAV069	285	'5709805_/5710300_2'		0.57	1.97	3.33	0.09	0.5	2.47	1.18 No	0.09 Thermal Discharging
SAV069	286	'5711273_/5711287'		1.6	5.9	10	0.27	10	7.37	3.55 No	0.27 Thermal Discharging
SAV069	287	'43621207_/4993734'		0.57	1.97	3.33	0.09	0.5	2.55	1.18 No	0.09 Thermal Discharging
SAV069	288	'5705784_/5711307'		1.6	5.8	10	0.27	10	7.32	3.55 No	0.27 Thermal Discharging
SAV069	289	'724740759_/5705794_1'		0.53	1.93	3.33	0.09	1.1	2.43	1.18 No	0.09 Thermal Discharging
SAV069	290	'43768369_/5711270'		1.6	5.8	10	0.27	10	7.29	3.55 No	0.27 Thermal Discharging
SAV069	291	'5709504_/5709501'		0.53	1.93	3.33	0.09	0.5	2.47	1.18 No	0.09 Thermal Discharging
SAV069	292	'4983089_/4983099'		0.53	1.93	3.33	0	0.1	2.59	1.18 No	0 Thermal Discharging
SAV069	293	'5711222_/5711236'		1.6	5.8	10	0.27	10	7.24	3.55 No	0.27 Thermal Discharging
SAV069	294	'43621196_/4993937'		0.53	1.93	3.33	0.09	0.5	2.5	1.18 No	0.09 Thermal Discharging
SAV069	295	'4983247_/4983261'		0.53	1.9	3.33	0.09	0.5	2.56	1.18 No	0.09 Thermal Discharging
SAV069	296	'4981407_/43618695'		0.53	1.9	3.33	0.09	0.5	2.52	1.18 No	0.09 Thermal Discharging
SAV069	297	'5711205_/5711219'		1.6	5.7	10	0.27	10	7.18	3.55 No	0.27 Thermal Discharging
SAV069	298	'4982578_/4982576'		0.53	1.9	3.33	0.01	2	2.46	1.18 No	0.01 Thermal Discharging
SAV069	299	'43767006_/5710316'		0.53	1.9	3.33	0.09	1.1	2.41	1.18 No	0.09 Thermal Discharging
SAV069	300	'4986683_/4986706'		0.53	1.9	3.33	0	0.2	2.63	1.95 No	0 Thermal Discharging
SAV069	301	'3235067_/3235081'		1.7	5.7	10	0.15	3.4	8.36	2.49 No	0.15 Thermal Discharging
SAV069	302	'4981566_/43618750'		0.53	1.9	3.33	0.09	0.5	2.5	1.18 No	0.09 Thermal Discharging
SAV069	303	'377957343_/5709933_1'		0.53	1.9	3.33	0.09	0.5	2.4	1.18 No	0.09 Thermal Discharging
SAV069	304	'5711188_/5711202'		1.6	5.7	10	0.27	10	7.12	3.55 No	0.27 Thermal Discharging
SAV069	305	'43768334_/43768336_1'		0.53	1.9	3.33	0.09	0.5	2.42	1.18 No	0.09 Thermal Discharging
SAV069	306	'43621107_/4984422'		0.53	1.87	3.33	0.09	0.5	2.49	1.18 No	0.09 Thermal Discharging
SAV069	307	'5711171_/5711185'		1.6	5.6	10	0.27	10	7.08	3.55 No	0.27 Thermal Discharging
SAV069	308	'43766940_/5709803'		0.53	1.87	3.33	0.09	0.5	2.39	1.18 No	0.09 Thermal Discharging
SAV069	309	'43768071_/43768073'		0.53	1.87	3.33	0.09	1.1	2.37	1.18 No	0.09 Thermal Discharging
SAV069	310	'8989877_/8989875'		1.6	5.6	10	0.27	1.5	7.33	3.55 No	0.27 Thermal Discharging
SAV069	311	'4983303_/4983313'		0.53	1.87	3.33	0.09	0.5	2.51	1.18 No	0.09 Thermal Discharging
SAV069	312	'43619223_/4983203'		0.53	1.87	3.33	0.01	1.1	2.44	1.18 No	0.01 Thermal Discharging
SAV069	313	'9260836_/417694880'		1.5	5.6	10	0.27	1.5	7.34	3.55 No	0.27 Thermal Discharging
SAV069	314	'43766885_/5709514'		0.53	1.87	3.33	0.09	0.5	2.4	1.18 No	0.09 Thermal Discharging
SAV069	315	'43768356_/5711168'		1.5	5.6	10	0.27	10	7.02	3.55 No	0.27 Thermal Discharging
SAV069	316	'4983767_/4983780'		0.53	1.87	3.33	0.01	2	2.41	1.18 No	0.01 Thermal Discharging
SAV069	317	'4986696_/4986693'		0.53	1.83	3.33	0	0.2	2.57	1.95 No	0 Thermal Discharging
SAV069	318	'4986891_/4986989'		1	3.67	6.67	0.01	2.3	5.16	3.9 No	0.01 Thermal Discharging
SAV069	319	'5705771_/5705768_2'		0.5	1.83	3.33	0.09	1.1	2.35	1.18 No	0.09 Thermal Discharging
SAV069	320	'5711137_/5711151'		1.5	5.5	10	0.27	10	6.97	3.55 No	0.27 Thermal Discharging
SAV069	321	'5712887_/5712885'		1.5	5.5	10	0.27	1.5	7.24	3.55 No	0.27 Thermal Discharging
SAV069	322	'43768211_/5705382'		0.53	1.83	3.33	0.09	0.5	2.38	1.18 No	0.09 Thermal Discharging
SAV069	323	'4986878_/4986875_2'		0.5	1.83	3.33	0	1.1	2.56	1.95 No	0 Thermal Discharging
SAV069	324	'5705664_/5711134'		1.5	5.5	10	0.27	10	6.93	3.55 No	0.27 Thermal Discharging
SAV069	325	'43768288_/43768290'		0.5	1.83	3.33	0.09	0.9	2.37	1.18 No	0.09 Thermal Discharging
SAV069	326	'4983154_/43619144'		0.5	1.83	3.33	0	0.1	2.48	1.18 No	0 Thermal Discharging
SAV069	327	'43768172_/5711114'		1.5	5.4	10	0.27	10	6.88	3.55 No	0.27 Thermal Discharging
SAV069	328	'43766929_/5709660'		0.5	1.8	3.33	0.09	0.7	2.35	1.18 No	0.09 Thermal Discharging
SAV069	329	'5709936_/5709933_2'		0.5	1.8	3.33	0.09	0.5	2.33	1.18 No	0.09 Thermal Discharging
SAV069	330	'43768198_/5711344'		1.5	5.4	10	0.27	10	6.87	3.55 No	0.27 Thermal Discharging
SAV069	331	'5712945_/5712958_1'		0.5	1.8	3.33	0.09	0.3	2.39	1.18 No	0.09 Thermal Discharging
SAV069	332	'738911375_/5705661_2'		0.5	1.8	3.33	0.09	1.1	2.29	1.18 No	0.09 Thermal Discharging
SAV069	333	'43768185_/43768187'		1.5	5.4	10	0.27	10	6.83	3.55 No	0.27 Thermal Discharging
SAV069	334	'4982644_/4982641'		0.5	1.8	3.33	0.01	1.1	2.36	1.18 No	0.01 Thermal Discharging
SAV069	335	'43618668_/4981339'		0.5	1.8	3.33	0.09	0.5	2.4	1.18 No	0.09 Thermal Discharging
SAV069	336	'43619585_/43619587'		0.5	1.8	3.33	0	0.2	2.52	1.95 No	0 Thermal Discharging
SAV069	337	'5711367_/43768200'		1.5	5.4	10	0.27	10	6.81	3.55 No	0.27 Thermal Discharging
SAV069	338	'5705797_/5705794_2'		0.5	1.8	3.33	0.09	1.1	2.31	1.18 No	0.09 Thermal Discharging
SAV069	339	'43621217_/4993862'		0.5	1.8	3.33	0.09	1.1	2.39	1.18 No	0.09 Thermal Discharging
SAV069	340	'4981420_/4981417'		0.5	1.8	3.33	0.09	0.5	2.41	1.18 No	0.09 Thermal Discharging
SAV069	341	'4986525_/4986522'		0.5	1.8	3.33	0.09	0.7	2.47	1.18 No	0.09 Thermal Discharging
SAV069	342	'5706475_/263412924_2'		0.5	1.8	3.33	0.09	1.5	2.27	1.18 No	0.09 Thermal Discharging
SAV069	343	'5705317_/43768279_2'		0.5	1.8	3.33	0.09	0.9	2.33	1.18 No	0.09 Thermal Discharging
SAV069	344	'5703291_/5703301'		0.5	1.77	3.33	0.09	0.5	2.36	1.18 No	0.09 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SAV069	345	'43768093_/_5711381'		1.5	5.3	10	0.27	10	6.77	3.55 No	0.27 Thermal Discharging
SAV069	346	'5705770_/_5705768_1'		0.5	1.77	3.33	0.09	0.5	2.29	1.18 No	0.09 Thermal Discharging
SAV069	347	'5711401_/_5711398'		1.5	5.3	10	0.27	10	6.72	3.55 No	0.27 Thermal Discharging
SAV069	348	'3235050_/_3235064'		1.6	5.3	10	0.15	3.4	7.86	2.49 No	0.15 Thermal Discharging
SAV069	349	'4986865_/_4986875_1'		0.5	1.77	3.33	0	0.2	2.48	1.95 No	0 Thermal Discharging
SAV069	350	'5706118_/_5711415'		1.5	5.3	10	0.27	10	6.68	3.55 No	0.27 Thermal Discharging
SAV069	351	'5709819_/_43766942'		0.5	1.73	3.33	0.09	0.5	2.28	1.18 No	0.09 Thermal Discharging
SAV069	352	'4983766_/_4983764'		0.5	1.73	3.33	0.01	2	2.3	1.18 No	0.01 Thermal Discharging
SAV069	353	'4984806_/_43621209'		0.5	1.73	3.33	0.09	0.5	2.35	1.18 No	0.09 Thermal Discharging
SAV069	354	'4993709_/_43621198'		0.5	1.73	3.33	0.09	0.5	2.34	1.18 No	0.09 Thermal Discharging
SAV069	355	'5711435_/_5711432'		1.4	5.2	10	0.27	10	6.63	3.55 No	0.27 Thermal Discharging
SAV069	356	'5704269_/_263412924_1'		0.5	1.73	3.33	0.09	0.7	2.22	1.18 No	0.09 Thermal Discharging
SAV069	357	'4983167_/_4983164'		0.47	1.73	3.33	0	0.1	2.39	1.18 No	0 Thermal Discharging
SAV069	358	'4983076_/_4983086'		0.47	1.73	3.33	0	0.1	2.39	1.18 No	0 Thermal Discharging
SAV069	359	'4983219_/_43619225'		0.5	1.73	3.33	0.01	1.1	2.32	1.18 No	0.01 Thermal Discharging
SAV069	360	'5705466_/_5705476'		0.5	1.73	3.33	0.09	0.5	2.27	1.18 No	0.09 Thermal Discharging
SAV069	361	'5710853_/_5711449'		1.4	5.2	10	0.27	10	6.58	3.55 No	0.27 Thermal Discharging
SAV069	362	'4983290_/_4983300'		0.47	1.73	3.33	0.09	0.5	2.37	1.18 No	0.09 Thermal Discharging
SAV069	363	'43619164_/_4983245'		0.47	1.7	3.33	0.09	0.5	2.36	1.18 No	0.09 Thermal Discharging
SAV069	364	'5709676_/_5709673'		0.5	1.7	3.33	0.09	0.7	2.26	1.18 No	0.09 Thermal Discharging
SAV069	365	'43620967_/_4993094'		0.93	3.4	6.67	0.01	2.3	4.87	3.9 No	0.01 Thermal Discharging
SAV069	366	'43767625_/_5710850'		1.4	5.1	10	0.27	10	6.54	3.55 No	0.27 Thermal Discharging
SAV069	367	'4986657_/_4986667'		0.47	1.7	3.33	0	0.2	2.42	1.95 No	0 Thermal Discharging
SAV069	368	'5709530_/_43766887'		0.47	1.7	3.33	0.09	0.5	2.26	1.18 No	0.09 Thermal Discharging
SAV069	369	'5712907_/_5712905'		1.4	5.1	10	0.27	1.5	6.89	3.55 No	0.27 Thermal Discharging
SAV069	370	'5699905_/_5705369'		0.47	1.7	3.33	0.09	0.5	2.26	1.18 No	0.09 Thermal Discharging
SAV069	371	'4981579_/_4981576'		0.47	1.7	3.33	0.09	0.5	2.31	1.18 No	0.09 Thermal Discharging
SAV069	372	'43766995_/_5709946'		0.47	1.7	3.33	0.09	0.5	2.23	1.18 No	0.09 Thermal Discharging
SAV069	373	'4981433_/_4981430'		0.47	1.7	3.33	0.09	0.5	2.31	1.18 No	0.09 Thermal Discharging
SAV069	374	'5699841_/_5703630'		1.4	5.1	10	0.27	10	6.47	3.55 No	0.27 Thermal Discharging
SAV069	375	'4983754_/_4987252'		0.47	1.7	3.33	0.01	1.1	2.24	1.18 No	0.01 Thermal Discharging
SAV069	376	'5707345_/_5707342_2'		0.47	1.7	3.33	0.09	1.4	2.15	1.18 No	0.09 Thermal Discharging
SAV069	377	'417695008_/_417695027'		0.47	1.67	3.33	0.09	0.5	1.87	1.18 No	0.09 Thermal Discharging
SAV069	378	'5705663_/_5705661_1'		0.47	1.67	3.33	0.09	0.5	2.18	1.18 No	0.09 Thermal Discharging
SAV069	379	'43767173_/_5699839'		1.4	5	10	0.27	10	6.43	3.55 No	0.27 Thermal Discharging
SAV069	380	'4993710_/_4993707'		0.47	1.67	3.33	0.09	0.5	2.27	1.18 No	0.09 Thermal Discharging
SAV069	381	'5705810_/_5705807'		0.47	1.67	3.33	0.09	1.1	2.19	1.18 No	0.09 Thermal Discharging
SAV069	382	'5709832_/_5709829'		0.47	1.67	3.33	0.09	0.5	2.2	1.18 No	0.09 Thermal Discharging
SAV069	383	'5704256_/_263412846'		0.47	1.67	3.33	0.09	0.7	2.15	1.18 No	0.09 Thermal Discharging
SAV069	384	'5706105_/_5706115_2'		0.47	1.67	3.33	0.09	1.2	2.14	1.18 No	0.09 Thermal Discharging
SAV069	385	'4983180_/_4983177'		0.47	1.63	3.33	0	0.1	2.3	1.18 No	0 Thermal Discharging
SAV069	386	'5703278_/_5703288'		0.47	1.63	3.33	0.09	0.5	2.23	1.18 No	0.09 Thermal Discharging
SAV069	387	'5710552_/_5710549_1'		0.47	1.63	3.33	0	1.1	2.13	1.18 No	0 Thermal Discharging
SAV069	388	'3235033_/_3235047'		1.5	4.9	10	0.15	3.4	7.41	2.49 No	0.15 Thermal Discharging
SAV069	389	'43768106_/_5706115_1'		0.47	1.63	3.33	0.01	1.2	2.13	1.18 No	0.01 Thermal Discharging
SAV069	390	'43768277_/_43768279_1'		0.47	1.63	3.33	0.09	0.9	2.19	1.18 No	0.09 Thermal Discharging
SAV069	391	'43768038_/_5710549_2'		0.47	1.63	3.33	0	1.1	2.12	1.18 No	0 Thermal Discharging
SAV069	392	'4997481_/_4997478'		0.47	1.63	3.33	0.09	0.7	2.29	1.18 No	0.09 Thermal Discharging
SAV069	393	'5709689_/_5709686'		0.47	1.63	3.33	0.09	0.7	2.18	1.18 No	0.09 Thermal Discharging
SAV069	394	'43768745_/_5707342_1'		0.47	1.63	3.33	0.09	0.5	2.1	1.18 No	0.09 Thermal Discharging
SAV069	395	'43619098_/_4987129'		0.47	1.63	3.33	0.01	1.1	2.19	1.18 No	0.01 Thermal Discharging
SAV069	396	'4986864_/_4986862'		0.47	1.63	3.33	0	0.2	2.33	1.95 No	0 Thermal Discharging
SAV069	397	'5709543_/_5709540'		0.47	1.6	3.33	0.09	0.5	2.17	1.18 No	0.09 Thermal Discharging
SAV069	398	'5709962_/_5709959'		0.43	1.6	3.33	0.09	0.5	2.15	1.18 No	0.09 Thermal Discharging
SAV069	399	'5705677_/_5705674'		0.43	1.6	3.33	0.09	0.5	2.12	1.18 No	0.09 Thermal Discharging
SAV069	400	'4981446_/_4981443'		0.43	1.6	3.33	0.09	0.5	2.22	1.18 No	0.09 Thermal Discharging
SAV069	401	'4982725_/_4983751'		0.47	1.6	3.33	0.01	1.1	2.17	1.18 No	0.01 Thermal Discharging
SAV069	402	'5704243_/_263412771'		0.43	1.6	3.33	0.09	0.7	2.09	1.18 No	0.09 Thermal Discharging
SAV069	403	'4983232_/_4983229'		0.43	1.6	3.33	0.01	1.1	2.19	1.18 No	0.01 Thermal Discharging
SAV069	404	'4984819_/_4984816'		0.43	1.6	3.33	0.09	0.5	2.2	1.18 No	0.09 Thermal Discharging
SAV069	405	'4986852_/_4986901'		0.43	1.6	3.33	0	0.2	2.3	1.95 No	0 Thermal Discharging
SAV069	406	'5705465_/_5705463'		0.43	1.6	3.33	0.09	0.5	2.15	1.18 No	0.09 Thermal Discharging
SAV069	407	'5705823_/_5705820'		0.43	1.6	3.33	0.09	1.1	2.11	1.18 No	0.09 Thermal Discharging
SAV069	408	'4986644_/_4986654'		0.43	1.57	3.33	0	0.2	2.28	1.95 No	0 Thermal Discharging
SAV069	409	'4981592_/_4981589'		0.43	1.57	3.33	0.09	0.5	2.19	1.18 No	0.09 Thermal Discharging
SAV069	410	'5709845_/_5709842'		0.43	1.57	3.33	0.09	0.5	2.12	1.18 No	0.09 Thermal Discharging
SAV069	411	'5712928_/_5712971'		1.3	4.7	10	0.27	1.5	6.51	3.55 No	0.27 Thermal Discharging
SAV069	412	'5712961_/_5712958_2'		0.43	1.57	3.33	0.09	0.3	2.15	1.18 No	0.09 Thermal Discharging
SAV069	413	'43619153_/_4983073'		0.43	1.57	3.33	0	0.1	2.2	1.18 No	0 Thermal Discharging
SAV069	414	'43767818_/_263412673'		0.43	1.57	3.33	0.09	0.7	2.05	1.18 No	0.09 Thermal Discharging
SAV069	415	'4983248_/_43619166'		0.43	1.57	3.33	0.09	0.5	2.19	1.18 No	0.09 Thermal Discharging
SAV069	416	'5707331_/_5707329'		0.43	1.57	3.33	0.09	0.5	2.03	1.18 No	0.09 Thermal Discharging
SAV069	417	'5709702_/_5709699'		0.43	1.57	3.33	0.09	0.7	2.1	1.18 No	0.09 Thermal Discharging
SAV069	418	'5710565_/_43768040'		0.43	1.53	3.33	0	1.1	2.04	1.18 No	0 Thermal Discharging
SAV069	419	'4983289_/_43619214'		0.43	1.53	3.33	0.09	0.5	2.18	1.18 No	0.09 Thermal Discharging
SAV069	420	'4986839_/_4986849'		0.43	1.53	3.33	0	0.2	2.24	1.95 No	0 Thermal Discharging
SAV069	421	'4987009_/_43620969'		0.87	3.07	6.67	0.01	2.3	4.49	3.9 No	0.01 Thermal Discharging
SAV069	422	'5706037_/_5706102'		0.43	1.53	3.33	0.01	1.2	2.04	1.18 No	0.01 Thermal Discharging
SAV069	423	'5709975_/_5709972'		0.43	1.53	3.33	0.09	0.5	2.07	1.18 No	0.09 Thermal Discharging
SAV069	424	'3235013_/_3235030'		1.4	4.6	10	0.15	3.4	7.01	2.49 No	0.15 Thermal Discharging
SAV069	425	'5709556_/_5709553'		0.43	1.53	3.33	0.09	0.5	2.09	1.18 No	0.09 Thermal Discharging
SAV069	426	'4993642_/_4993720'		0.43	1.53	3.33	0.09	0.5	2.12	1.18 No	0.09 Thermal Discharging
SAV069	427	'4984832_/_4984829'		0.43	1.53	3.33	0.09	0.5	2.13	1.18 No	0.09 Thermal Discharging
SAV069	428	'43767535_/_5703275'		0.43	1.53	3.33	0.09	0.5	2.11	1.18 No	0.09 Thermal Discharging
SAV069	429	'4985107_/_4985104'		0.43	1.53	3.33	0	0.1	2.17	1.18 No	0 Thermal Discharging
SAV069	430	'4960378_/_4960388'		0.43	1.53	3.33	0.01	1.1	2.09	1.18 No	0.01 Thermal Discharging
SAV069	431	'43768233_/_43768235'		0.43	1.53	3.33	0.09	0.5	2.08	1.18 No	0.09 Thermal Discharging
SAV069	432	'4986631_/_4986641'		0.43	1.5	3.33	0	0.2	2.2	1.95 No	0 Thermal Discharging
SAV069	433	'5704217_/_263412619'		0.43	1.5	3.33	0.09	0.7	2	1.18 No	0.09 Thermal Discharging
SAV069	434	'43766951_/_5709855'		0.43	1.5	3.33	0.09	0.5	2.05	1.18 No	0.09 Thermal Discharging
SAV069	435	'4981605_/_4981602'		0.43	1.5	3.33	0.09	0.5	2.11	1.18 No	0.09 Thermal Discharging
SAV069	436	'43618704_/_4981456'		0.43	1.5	3.33	0.09	0.5	2.11	1.18 No	0.09 Thermal Discharging
SAV069	437	'43768323_/_5705687'		0.43	1.5	3.33	0.09	0.5	2.01	1.18 No	0.09 Thermal Discharging
SAV069	438	'5707460_/_5707470'		0.43	1.5	3.33	0.09	0.5	1.97	1.18 No	0.09 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
											VSR (MW)	Limiting Threshold
SAV069	439	'5706066_/_5706063'		0.43	1.5	3.33	0.01	1.1	1.99	1.18 No	0.01	Thermal Discharging
SAV069	440	'5710170_/_5710604_1'		0.4	1.5	3.33	0.01	1.1	2.02	1.18 No	0.01	Thermal Discharging
SAV069	441	'4983737_/_4983735'		0.4	1.5	3.33	0.01	1.1	2.05	1.18 No	0.01	Thermal Discharging
SAV069	442	'4982670_/_4982667'		0.4	1.5	3.33	0.01	1.1	2.06	1.18 No	0.01	Thermal Discharging
SAV069	443	'5713028_/_5713025'		0.4	1.5	3.33	0.09	0.3	2.06	1.18 No	0.09	Thermal Discharging
SAV069	444	'5709387_/_5710604_2'		0.4	1.47	3.33	0.01	1.1	2.01	1.18 No	0.01	Thermal Discharging
SAV069	445	'5709715_/_5709712'		0.4	1.47	3.33	0.09	0.7	2.03	1.18 No	0.09	Thermal Discharging
SAV069	446	'4986838_/_4986836'		0.4	1.47	3.33	0	0.2	2.15	1.95 No	0	Thermal Discharging
SAV069	447	'43766984_/_5709985'		0.4	1.47	3.33	0.09	0.5	2	1.18 No	0.09	Thermal Discharging
SAV069	448	'5709569_/_5709566'		0.4	1.47	3.33	0.09	0.5	2.02	1.18 No	0.09	Thermal Discharging
SAV069	449	'5704204_/_263412504'		0.4	1.47	3.33	0.09	0.7	1.96	1.18 No	0.09	Thermal Discharging
SAV069	450	'43767375_/_43767377'		1.2	4.4	10	0.27	1.5	6.16	3.55 No	0.27	Thermal Discharging
SAV069	451	'4987396_/_4987393'		0.4	1.47	3.33	0	0.2	2.14	1.95 No	0	Thermal Discharging
SAV069	452	'43768016_/_5710575'		0.4	1.47	3.33	0	1.1	1.96	1.18 No	0	Thermal Discharging
SAV069	453	'43621174_/_43621176'		0.4	1.47	3.33	0.09	0.5	2.04	1.18 No	0.09	Thermal Discharging
SAV069	454	'4993655_/_4993652'		0.4	1.47	3.33	0.09	0.5	2.04	1.18 No	0.09	Thermal Discharging
SAV069	455	'3233786_/_3235010'		1.3	4.3	10	0.15	3.4	6.65	2.49 No	0.15	Thermal Discharging
SAV069	456	'5707235_/_5707457'		0.4	1.43	3.33	0.09	0.5	1.92	1.18 No	0.09	Thermal Discharging
SAV069	457	'43619032_/_43619034'		0.4	1.43	3.33	0.01	1.1	2	1.18 No	0.01	Thermal Discharging
SAV069	458	'4986346_/_4987007'		0.8	2.87	6.67	0.01	2.3	4.22	3.9 No	0.01	Thermal Discharging
SAV069	459	'5705586_/_5705596'		0.4	1.43	3.33	0.09	0.9	2	1.18 No	0.09	Thermal Discharging
SAV069	460	'4983050_/_4983060_2'		0.4	1.43	3.33	0	0.1	2.06	1.18 No	0	Thermal Discharging
SAV069	461	'5706079_/_5706076'		0.4	1.43	3.33	0.01	1.1	1.93	1.18 No	0.01	Thermal Discharging
SAV069	462	'5705651_/_5706034'		0.4	1.43	3.33	0.01	1.1	1.93	1.18 No	0.01	Thermal Discharging
SAV069	463	'43618759_/_4981615'		0.4	1.43	3.33	0.09	0.5	2.02	1.18 No	0.09	Thermal Discharging
SAV069	464	'5709871_/_43766953'		0.4	1.43	3.33	0.09	0.5	1.97	1.18 No	0.09	Thermal Discharging
SAV069	465	'43619120_/_4983060_1'		0.4	1.43	3.33	0	0.1	2.05	1.18 No	0	Thermal Discharging
SAV069	466	'5699891_/_5699889'		0.4	1.43	3.33	0.09	0.5	1.97	1.18 No	0.09	Thermal Discharging
SAV069	467	'43767534_/_5703262'		0.4	1.43	3.33	0.09	0.5	1.99	1.18 No	0.09	Thermal Discharging
SAV069	468	'43766918_/_5709725'		0.4	1.43	3.33	0.09	0.7	1.96	1.18 No	0.09	Thermal Discharging
SAV069	469	'5704191_/_263412422'		0.4	1.4	3.33	0.09	0.7	1.9	1.18 No	0.09	Thermal Discharging
SAV069	470	'4982683_/_4982680'		0.4	1.4	3.33	0.01	1.1	1.97	1.18 No	0.01	Thermal Discharging
SAV069	471	'4993671_/_4993668'		0.4	1.4	3.33	0.09	0.5	1.98	1.18 No	0.09	Thermal Discharging
SAV069	472	'43766896_/_5709579'		0.4	1.4	3.33	0.09	0.5	1.95	1.18 No	0.09	Thermal Discharging
SAV069	473	'43619574_/_43619576'		0.4	1.4	3.33	0	0.2	2.06	1.95 No	0	Thermal Discharging
SAV069	474	'5710001_/_43766986'		0.4	1.4	3.33	0.09	0.5	1.93	1.18 No	0.09	Thermal Discharging
SAV069	475	'43767950_/_43767952'		0.4	1.4	3.33	0.01	1.1	1.89	1.18 No	0.01	Thermal Discharging
SAV069	476	'4993641_/_4993639'		0.4	1.4	3.33	0.09	0.5	1.97	1.18 No	0.09	Thermal Discharging
SAV069	477	'4981472_/_43618706'		0.4	1.4	3.33	0.09	0.5	1.98	1.18 No	0.09	Thermal Discharging
SAV069	478	'5707222_/_5707232'		0.4	1.4	3.33	0.09	0.5	1.86	1.18 No	0.09	Thermal Discharging
SAV069	479	'5709335_/_5709384'		0.4	1.4	3.33	0.01	1.1	1.91	1.18 No	0.01	Thermal Discharging
SAV069	480	'3233785_/_3233783'		1.2	4.1	10	0.15	3.4	6.38	2.49 No	0.15	Thermal Discharging
SAV069	481	'43767829_/_263412337'		0.37	1.37	3.33	0.09	0.7	1.87	1.18 No	0.09	Thermal Discharging
SAV069	482	'5705703_/_43768325'		0.37	1.37	3.33	0.09	0.5	1.89	1.18 No	0.09	Thermal Discharging
SAV069	483	'5709348_/_5709345'		0.37	1.37	3.33	0.01	0.2	1.9	1.18 No	0.01	Thermal Discharging
SAV069	484	'43767072_/_5709410'		0.37	1.37	3.33	0.01	1.1	1.9	1.18 No	0.01	Thermal Discharging
SAV069	485	'5709884_/_5709881'		0.4	1.37	3.33	0.09	0.5	1.9	1.18 No	0.09	Thermal Discharging
SAV069	486	'5706134_/_43768018'		0.37	1.37	3.33	0	1.1	1.86	1.18 No	0	Thermal Discharging
SAV069	487	'4986592_/_4986615'		0.37	1.37	3.33	0	0.2	2.02	1.95 No	0	Thermal Discharging
SAV069	488	'5712927_/_5712925'		1.1	4.1	10	0.27	1.5	5.85	3.55 No	0.27	Thermal Discharging
SAV069	489	'43621607_/_43621609'		0.37	1.37	3.33	0	0.2	2.02	1.95 No	0	Thermal Discharging
SAV069	490	'4986372_/_4986384'		0.73	2.73	6.67	0.01	2.3	4.03	3.9 No	0.01	Thermal Discharging
SAV069	491	'43619459_/_43619461'		0.37	1.37	3.33	0	1.1	2.01	1.95 No	0	Thermal Discharging
SAV069	492	'5705573_/_5705583'		0.37	1.37	3.33	0.09	0.9	1.91	1.18 No	0.09	Thermal Discharging
SAV069	493	'5705716_/_5705713'		0.37	1.37	3.33	0.09	0.5	1.86	1.18 No	0.09	Thermal Discharging
SAV069	494	'4986333_/_4986330_2'		0.37	1.37	3.33	0	1.1	2	1.95 No	0	Thermal Discharging
SAV069	495	'7491445_/_7491458_1'		0.37	1.33	3.33	0	0.2	2	1.95 No	0	Thermal Discharging
SAV069	496	'5709741_/_43766920'		0.37	1.33	3.33	0.09	0.7	1.89	1.18 No	0.09	Thermal Discharging
SAV069	497	'5704165_/_5704175'		0.37	1.33	3.33	0.09	0.7	1.83	1.18 No	0.09	Thermal Discharging
SAV069	498	'5705346_/_5705356'		0.37	1.33	3.33	0.09	0.5	1.88	1.18 No	0.09	Thermal Discharging
SAV069	499	'5710014_/_5710011'		0.37	1.33	3.33	0.09	0.5	1.86	1.18 No	0.09	Thermal Discharging
SAV069	500	'43768485_/_5707219'		0.37	1.33	3.33	0.09	0.5	1.8	1.18 No	0.09	Thermal Discharging
SAV069	501	'5709595_/_43766898'		0.37	1.33	3.33	0.09	0.5	1.87	1.18 No	0.09	Thermal Discharging
SAV069	502	'5704746_/_5705635'		0.37	1.33	3.33	0.01	1.1	1.83	1.18 No	0.01	Thermal Discharging
SAV069	503	'413584651_/_413584648'		1.2	4	10	0.15	3.4	6.16	2.49 No	0.15	Thermal Discharging
SAV069	504	'4983037_/_4983047'		0.37	1.33	3.33	0	0.1	1.93	1.18 No	0	Thermal Discharging
SAV069	505	'4993684_/_4993681'		0.37	1.33	3.33	0.09	0.5	1.89	1.18 No	0.09	Thermal Discharging
SAV069	506	'43767050_/_43767052'		0.37	1.33	3.33	0.01	0.2	1.84	1.18 No	0.01	Thermal Discharging
SAV069	507	'43767939_/_5706089'		0.37	1.33	3.33	0.01	1.1	1.82	1.18 No	0.01	Thermal Discharging
SAV069	508	'4981485_/_4981482'		0.37	1.33	3.33	0.09	0.5	1.9	1.18 No	0.09	Thermal Discharging
SAV069	509	'4986604_/_4986602'		0.37	1.33	3.33	0	0.2	1.96	1.95 No	0	Thermal Discharging
SAV069	510	'4981631_/_43618761'		0.37	1.33	3.33	0.09	0.5	1.9	1.18 No	0.09	Thermal Discharging
SAV069	511	'5709897_/_5709894'		0.37	1.3	3.33	0.09	0.5	1.84	1.18 No	0.09	Thermal Discharging
SAV069	512	'43619470_/_4986330_1'		0.37	1.3	3.33	0	0.2	1.95	1.95 No	0	Thermal Discharging
SAV069	513	'4997442_/_4997452'		0.37	1.3	3.33	0	0.2	1.95	1.95 No	0	Thermal Discharging
SAV069	514	'5705933_/_5706144'		0.37	1.3	3.33	0	1.1	1.8	1.18 No	0	Thermal Discharging
SAV069	515	'5709322_/_5709332'		0.37	1.3	3.33	0.01	1.1	1.83	1.18 No	0.01	Thermal Discharging
SAV069	516	'4960352_/_4960362'		0.37	1.3	3.33	0.01	1.1	1.85	1.18 No	0.01	Thermal Discharging
SAV069	517	'5705920_/_5705917_2'		0.37	1.3	3.33	0	1.1	1.8	1.18 No	0	Thermal Discharging
SAV069	518	'5709400_/_5709397'		0.37	1.3	3.33	0.01	1.1	1.82	1.18 No	0.01	Thermal Discharging
SAV069	519	'43619109_/_4982693'		0.37	1.3	3.33	0.01	1.1	1.85	1.18 No	0.01	Thermal Discharging
SAV069	520	'5705729_/_5705726'		0.37	1.3	3.33	0.09	0.5	1.8	1.18 No	0.09	Thermal Discharging
SAV069	521	'4981498_/_4981495'		0.37	1.3	3.33	0.09	0.5	1.87	1.18 No	0.09	Thermal Discharging
SAV069	522	'5709754_/_5709751'		0.37	1.3	3.33	0.09	0.7	1.83	1.18 No	0.09	Thermal Discharging
SAV069	523	'5712990_/_5713005'		1.1	3.9	10	0.27	1.5	5.61	3.55 No	0.27	Thermal Discharging
SAV069	524	'4986579_/_4986589'		0.37	1.3	3.33	0	0.2	1.92	1.95 No	0	Thermal Discharging
SAV069	525	'5705345_/_5705343'		0.37	1.3	3.33	0.09	0.5	1.83	1.18 No	0.09	Thermal Discharging
SAV069	526	'4981644_/_4981641'		0.37	1.27	3.33	0.09	0.5	1.85	1.18 No	0.09	Thermal Discharging
SAV069	527	'43768255_/_5705570'		0.37	1.27	3.33	0.09	0.9	1.83	1.18 No	0.09	Thermal Discharging
SAV069	528	'5709608_/_5709605'		0.37	1.27	3.33	0.09	0.5	1.81	1.18 No	0.09	Thermal Discharging
SAV069	529	'5707193_/_5707203'		0.37	1.27	3.33	0.09	0.5	1.74	1.18 No	0.09	Thermal Discharging
SAV069	530	'43766973_/_5710024'		0.37	1.27	3.33	0.09	0.5	1.79	1.18 No	0.09	Thermal Discharging
SAV069	531	'5705907_/_5705917_1'		0.37	1.27	3.33	0	0.2	1.76	1.18 No	0	Thermal Discharging
SAV069	532	'5709360_/_5709371'		0.37	1.27	3.33	0.01	0.2	1.79	1.18 No	0.01</	

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SAV069	533	'5704282_/_5704279'		0.37	1.27	3.33	0.09	0.7	1.76	1.18 No	0.09 Thermal Discharging
SAV069	534	'5712991_/_5712988'		1	3.8	10	0.27	1.5	5.52	3.55 No	0.27 Thermal Discharging
SAV069	535	'5704152_/_5704162'		0.33	1.27	3.33	0.09	0.7	1.75	1.18 No	0.09 Thermal Discharging
SAV069	536	'8670996_/_8670994_1'		1	3.8	10	0.27	1.5	5.51	3.55 No	0.27 Thermal Discharging
SAV069	537	'5709426_/_5709423'		0.33	1.27	3.33	0.01	1.1	1.78	1.18 No	0.01 Thermal Discharging
SAV069	538	'4986826_/_4997439'		0.33	1.27	3.33	0	0.2	1.88	1.95 No	0 Thermal Discharging
SAV069	539	'5704733_/_5704743'		0.37	1.27	3.33	0.01	1.1	1.75	1.18 No	0.01 Thermal Discharging
SAV069	540	'413584682_/_413584679'		1.1	3.8	10	0.15	3.4	5.85	2.49 No	0.15 Thermal Discharging
SAV069	541	'43766962_/_5709907'		0.37	1.27	3.33	0.09	0.5	1.78	1.18 No	0.09 Thermal Discharging
SAV069	542	'7491461_/_7491458_2'		0.33	1.27	3.33	0	0.2	1.88	1.95 No	0 Thermal Discharging
SAV069	543	'4986371_/_4986369'		0.67	2.47	6.67	0.01	2.3	3.76	3.9 No	0.01 Thermal Discharging
SAV069	544	'5709767_/_5709764'		0.33	1.23	3.33	0.09	0.7	1.77	1.18 No	0.09 Thermal Discharging
SAV069	545	'8670997_/_8670994_2'		1	3.7	10	0.27	1.5	5.44	3.55 No	0.27 Thermal Discharging
SAV069	546	'5704295_/_5704292'		0.33	1.23	3.33	0.09	0.7	1.73	1.18 No	0.09 Thermal Discharging
SAV069	547	'4982816_/_4983034'		0.33	1.23	3.33	0	0.1	1.83	1.18 No	0 Thermal Discharging
SAV069	548	'4960351_/_4960349'		0.33	1.23	3.33	0.01	1.1	1.77	1.18 No	0.01 Thermal Discharging
SAV069	549	'413584700_/_413584697'		1.1	3.7	10	0.15	3.4	5.78	2.49 No	0.15 Thermal Discharging
SAV069	550	'43618715_/_4981508'		0.33	1.23	3.33	0.09	0.5	1.8	1.18 No	0.09 Thermal Discharging
SAV069	551	'43767061_/_5709319'		0.33	1.23	3.33	0.01	1.1	1.74	1.18 No	0.01 Thermal Discharging
SAV069	552	'4982803_/_4982800_2'		0.33	1.23	3.33	0	0.1	1.82	1.18 No	0 Thermal Discharging
SAV069	553	'5709621_/_5709618'		0.33	1.23	3.33	0.09	0.5	1.76	1.18 No	0.09 Thermal Discharging
SAV069	554	'5704931_/_43767941'		0.33	1.23	3.33	0.01	1.1	1.72	1.18 No	0.01 Thermal Discharging
SAV069	555	'4986307_/_4986317'		0.33	1.23	3.33	0	0.2	1.84	1.95 No	0 Thermal Discharging
SAV069	556	'5710040_/_5710037'		0.33	1.23	3.33	0.09	0.5	1.74	1.18 No	0.09 Thermal Discharging
SAV069	557	'43767083_/_43767085'		0.33	1.23	3.33	0.01	1.1	1.73	1.18 No	0.01 Thermal Discharging
SAV069	558	'43768312_/_5705739'		0.33	1.2	3.33	0.09	0.5	1.72	1.18 No	0.09 Thermal Discharging
SAV069	559	'5709361_/_5709358'		0.33	1.2	3.33	0.01	0.2	1.73	1.18 No	0.01 Thermal Discharging
SAV069	560	'4981660_/_4981657'		0.33	1.2	3.33	0.09	0.5	1.77	1.18 No	0.09 Thermal Discharging
SAV069	561	'44963571_/_4982709'		0.33	1.2	3.33	0.01	1.1	1.75	1.18 No	0.01 Thermal Discharging
SAV069	562	'4987354_/_4987351'		0.33	1.2	3.33	0	0.2	1.82	1.95 No	0 Thermal Discharging
SAV069	563	'43619426_/_4987437'		0.67	2.4	6.67	0.01	2.3	3.66	3.9 No	0.01 Thermal Discharging
SAV069	564	'4986831_/_4986823'		0.33	1.2	3.33	0	0.2	1.82	1.95 No	0 Thermal Discharging
SAV069	565	'43768496_/_43768498'		0.33	1.2	3.33	0.09	0.5	1.68	1.18 No	0.09 Thermal Discharging
SAV069	566	'5705894_/_5705904'		0.33	1.2	3.33	0	0.2	1.7	1.18 No	0 Thermal Discharging
SAV069	567	'45075949_/_5709920'		0.33	1.2	3.33	0.09	0.5	1.72	1.18 No	0.09 Thermal Discharging
SAV069	568	'43619563_/_43619565'		0.33	1.2	3.33	0	0.2	1.81	1.95 No	0 Thermal Discharging
SAV069	569	'5704139_/_5704149'		0.33	1.2	3.33	0.09	0.7	1.68	1.18 No	0.09 Thermal Discharging
SAV069	570	'5709780_/_5709777'		0.33	1.2	3.33	0.09	0.7	1.72	1.18 No	0.09 Thermal Discharging
SAV069	571	'5705547_/_5705557'		0.33	1.2	3.33	0.09	0.9	1.74	1.18 No	0.09 Thermal Discharging
SAV069	572	'5704308_/_5704305'		0.33	1.2	3.33	0.09	0.7	1.68	1.18 No	0.09 Thermal Discharging
SAV069	573	'413584808_/_413584805'		1.1	3.6	10	0.15	3.4	5.58	2.49 No	0.15 Thermal Discharging
SAV069	574	'5709438_/_5709436'		0.33	1.2	3.33	0.01	1.1	1.7	1.18 No	0.01 Thermal Discharging
SAV069	575	'252284912_/_43619439_2'		0.33	1.2	3.33	0	1.1	1.8	1.95 No	0 Thermal Discharging
SAV069	576	'4982802_/_4982800_1'		0.33	1.2	3.33	0	0.1	1.76	1.18 No	0 Thermal Discharging
SAV069	577	'43766907_/_5709631'		0.33	1.2	3.33	0.09	0.5	1.71	1.18 No	0.09 Thermal Discharging
SAV069	578	'43768005_/_5706157'		0.33	1.17	3.33	0	1.1	1.67	1.18 No	0 Thermal Discharging
SAV069	579	'5710053_/_5710050'		0.33	1.17	3.33	0.09	0.5	1.69	1.18 No	0.09 Thermal Discharging
SAV069	580	'43619437_/_43619439_1'		0.33	1.17	3.33	0	0.2	1.79	1.95 No	0 Thermal Discharging
SAV069	581	'43619065_/_43619067'		0.33	1.17	3.33	0	0.1	1.75	1.18 No	0 Thermal Discharging
SAV069	582	'5704918_/_5704928'		0.33	1.17	3.33	0.01	1.1	1.66	1.18 No	0.01 Thermal Discharging
SAV069	583	'43767862_/_43767864'		0.33	1.17	3.33	0.01	1.1	1.66	1.18 No	0.01 Thermal Discharging
SAV069	584	'43768317_/_43768314'		0.33	1.17	3.33	0.09	0.5	1.67	1.18 No	0.09 Thermal Discharging
SAV069	585	'43618737_/_4981670'		0.33	1.17	3.33	0.09	0.5	1.72	1.18 No	0.09 Thermal Discharging
SAV069	586	'4987186_/_4987184'		0.33	1.17	3.33	0.01	1.1	1.69	1.18 No	0.01 Thermal Discharging
SAV069	587	'5709308_/_5709306'		0.33	1.17	3.33	0.01	1.1	1.67	1.18 No	0.01 Thermal Discharging
SAV069	588	'5704126_/_5704136'		0.33	1.17	3.33	0.09	0.7	1.65	1.18 No	0.09 Thermal Discharging
SAV069	589	'5709793_/_5709790'		0.33	1.17	3.33	0.09	0.7	1.68	1.18 No	0.09 Thermal Discharging
SAV069	590	'44963506_/_4986563'		0.33	1.17	3.33	0	0.2	1.76	1.95 No	0 Thermal Discharging
SAV069	591	'5710066_/_5710063'		0.33	1.17	3.33	0.09	0.5	1.67	1.18 No	0.09 Thermal Discharging
SAV069	592	'5705881_/_5705891'		0.33	1.17	3.33	0	0.2	1.64	1.18 No	0 Thermal Discharging
SAV069	593	'43619481_/_43619483'		0.33	1.17	3.33	0	0.2	1.75	1.95 No	0 Thermal Discharging
SAV069	594	'4986294_/_4986304'		0.33	1.17	3.33	0	0.2	1.76	1.95 No	0 Thermal Discharging
SAV069	595	'43768049_/_5705982'		0.33	1.17	3.33	0	0.2	1.64	1.18 No	0 Thermal Discharging
SAV069	596	'5707192_/_5707190'		0.33	1.13	3.33	0.09	0.5	1.61	1.18 No	0.09 Thermal Discharging
SAV069	597	'5714967_/_5714964'		0.33	1.13	3.33	0.01	0.2	1.65	1.18 No	0.01 Thermal Discharging
SAV069	598	'5705453_/_5705544'		0.33	1.13	3.33	0.09	0.9	1.68	1.18 No	0.09 Thermal Discharging
SAV069	599	'4981524_/_4981521'		0.3	1.13	3.33	0.09	0.5	1.69	1.18 No	0.09 Thermal Discharging
SAV069	600	'5705998_/_5705995'		0.3	1.13	3.33	0	0.2	1.62	1.18 No	0 Thermal Discharging
SAV069	601	'43766912_/_43766909'		0.3	1.13	3.33	0.09	0.5	1.65	1.18 No	0.09 Thermal Discharging
SAV069	602	'43767807_/_5704318'		0.3	1.13	3.33	0.09	0.7	1.61	1.18 No	0.09 Thermal Discharging
SAV069	603	'413584839_/_413584836'		1	3.4	10	0.15	3.4	5.35	2.49 No	0.15 Thermal Discharging
SAV069	604	'4986787_/_4986797'		0.3	1.13	3.33	0	0.2	1.71	1.95 No	0 Thermal Discharging
SAV069	605	'43619076_/_43619078'		0.3	1.13	3.33	0	0.1	1.68	1.18 No	0 Thermal Discharging
SAV069	606	'43767094_/_5709449'		0.3	1.13	3.33	0.01	1.1	1.62	1.18 No	0.01 Thermal Discharging
SAV069	607	'4986293_/_4986291'		0.3	1.13	3.33	0	0.2	1.71	1.95 No	0 Thermal Discharging
SAV069	608	'4960339_/_4987213'		0.3	1.13	3.33	0.01	1.1	1.63	1.18 No	0.01 Thermal Discharging
SAV069	609	'5710079_/_5710076'		0.3	1.13	3.33	0.09	0.5	1.62	1.18 No	0.09 Thermal Discharging
SAV069	610	'4960403_/_4987200'		0.3	1.1	3.33	0.01	1.1	1.63	1.18 No	0.01 Thermal Discharging
SAV069	611	'5704707_/_5704717'		0.3	1.1	3.33	0.01	1.1	1.59	1.18 No	0.01 Thermal Discharging
SAV069	612	'5714980_/_5714977'		0.3	1.1	3.33	0.01	0.2	1.61	1.18 No	0.01 Thermal Discharging
SAV069	613	'43767686_/_43767688'		0.3	1.1	3.33	0.09	0.7	1.58	1.18 No	0.09 Thermal Discharging
SAV069	614	'5708570_/_5710371'		0.3	1.1	3.33	0.01	1.1	1.6	1.18 No	0.01 Thermal Discharging
SAV069	615	'4983620_/_4983618'		0.3	1.1	3.33	0	0.1	1.66	1.18 No	0 Thermal Discharging
SAV069	616	'5705521_/_5705531'		0.3	1.1	3.33	0.09	0.9	1.62	1.18 No	0.09 Thermal Discharging
SAV069	617	'4981686_/_43618739'		0.3	1.1	3.33	0.09	0.5	1.63	1.18 No	0.09 Thermal Discharging
SAV069	618	'4982777_/_4982787'		0.3	1.1	3.33	0	0.1	1.65	1.18 No	0 Thermal Discharging
SAV069	619	'5705852_/_5705878'		0.3	1.1	3.33	0	0.2	1.57	1.18 No	0 Thermal Discharging
SAV069	620	'5704917_/_5704915'		0.3	1.1	3.33	0.01	1.1	1.57	1.18 No	0.01 Thermal Discharging
SAV069	621	'4983011_/_4986784'		0.3	1.1	3.33	0	0.2	1.67	1.95 No	0 Thermal Discharging
SAV069	622	'4985975_/_4986356'		0.3	1.1	3.33	0	0.2	1.67	1.95 No	0 Thermal Discharging
SAV069	623	'5705959_/_5705969'		0.3	1.1	3.33	0	0.2	1.57	1.18 No	0 Thermal Discharging
SAV069	624	'5708571_/_5708568'		0.3	1.1	3.33	0.01	1.1	1.58	1.18 No	0.01 Thermal Discharging
SAV069	625	'4981725_/_4981735'		0.3	1.1	3.33	0.09	0.5	1.62	1.18 No	0.09 Thermal Discharging
SAV069	626	'43768060_/_5706008'		0.3	1.1	3.33	0	0.2	1.56	1.18 No	0 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SAV069	627	'5706160_/43768007'	0.3	1.07	3.33	0	1.1	1.55	1.18 No	0	Thermal Discharging
SAV069	628	'43619448_/4987468'	0.3	1.07	3.33	0	0.2	1.65	1.95 No	0	Thermal Discharging
SAV069	629	'413584870_/413584867'	1	3.2	10	0.15	3.4	5.1	2.49 No	0.15	Thermal Discharging
SAV069	630	'43768244_/43768246'	0.3	1.07	3.33	0.09	0.9	1.59	1.18 No	0.09	Thermal Discharging
SAV069	631	'43767116_/5710128'	0.3	1.07	3.33	0.09	0.5	1.57	1.18 No	0.09	Thermal Discharging
SAV069	632	'4982764_/4982774'	0.3	1.07	3.33	0	0.1	1.61	1.18 No	0	Thermal Discharging
SAV069	633	'4981537_/4981534'	0.3	1.07	3.33	0.09	0.5	1.6	1.18 No	0.09	Thermal Discharging
SAV069	634	'5708584_/5708581'	0.3	1.07	3.33	0.01	1.1	1.55	1.18 No	0.01	Thermal Discharging
SAV069	635	'4960338_/4960336'	0.3	1.07	3.33	0.01	1.1	1.57	1.18 No	0.01	Thermal Discharging
SAV069	636	'5705226_/5705518'	0.3	1.07	3.33	0.09	0.9	1.58	1.18 No	0.09	Thermal Discharging
SAV069	637	'5704334_/5704331'	0.3	1.07	3.33	0.09	0.7	1.53	1.18 No	0.09	Thermal Discharging
SAV069	638	'5709464_/43767096'	0.3	1.07	3.33	0.01	1.1	1.55	1.18 No	0.01	Thermal Discharging
SAV069	639	'4982751_/4982761'	0.3	1.07	3.33	0	0.1	1.6	1.18 No	0	Thermal Discharging
SAV069	640	'5705839_/5705849'	0.3	1.07	3.33	0	0.2	1.53	1.18 No	0	Thermal Discharging
SAV069	641	'5704694_/5704704'	0.3	1.07	3.33	0.01	1.1	1.53	1.18 No	0.01	Thermal Discharging
SAV069	642	'4960404_/4960401'	0.3	1.03	3.33	0.01	1.1	1.55	1.18 No	0.01	Thermal Discharging
SAV069	643	'43767638_/43767640'	0.3	1.03	3.33	0.09	0.7	1.51	1.18 No	0.09	Thermal Discharging
SAV069	644	'5705239_/5705236'	0.3	1.03	3.33	0.09	0.9	1.56	1.18 No	0.09	Thermal Discharging
SAV069	645	'4981724_/4981722'	0.3	1.03	3.33	0.09	0.5	1.57	1.18 No	0.09	Thermal Discharging
SAV069	646	'4982894_/4983008'	0.3	1.03	3.33	0	0.2	1.6	1.95 No	0	Thermal Discharging
SAV069	647	'425113789_/5703388_2'	0.3	1.03	3.33	0.09	0.7	1.51	1.18 No	0.09	Thermal Discharging
SAV069	648	'5706173_/5706170'	0.3	1.03	3.33	0	1.1	1.51	1.18 No	0	Thermal Discharging
SAV069	649	'43767928_/43767930'	0.3	1.03	3.33	0.01	1.1	1.51	1.18 No	0.01	Thermal Discharging
SAV069	650	'5705427_/5705437'	0.3	1.03	3.33	0.09	0.9	1.55	1.18 No	0.09	Thermal Discharging
SAV069	651	'43768027_/5705956'	0.3	1.03	3.33	0	0.2	1.51	1.18 No	0	Thermal Discharging
SAV069	652	'4985976_/4985973_1'	0.3	1.03	3.33	0	0.2	1.6	1.95 No	0	Thermal Discharging
SAV069	653	'5706185_/5706183_1'	0.3	1.03	3.33	0.09	1.1	1.5	1.18 No	0.09	Thermal Discharging
SAV069	654	'4987294_/4987455'	0.3	1.03	3.33	0	0.2	1.59	1.95 No	0	Thermal Discharging
SAV069	655	'5710092_/43767118'	0.3	1.03	3.33	0.09	0.5	1.52	1.18 No	0.09	Thermal Discharging
SAV069	656	'43619054_/4987265'	0.3	1.03	3.33	0	0.1	1.57	1.18 No	0	Thermal Discharging
SAV069	657	'43768065_/43768062'	0.27	1.03	3.33	0	0.2	1.5	1.18 No	0	Thermal Discharging
SAV069	658	'43768082_/5705865'	0.27	1.03	3.33	0	0.2	1.5	1.18 No	0	Thermal Discharging
SAV069	659	'43619349_/4985973_2'	0.3	1.03	3.33	0	0.2	1.59	1.95 No	0	Thermal Discharging
SAV069	660	'5704347_/5704344'	0.27	1.03	3.33	0.09	0.7	1.49	1.18 No	0.09	Thermal Discharging
SAV069	661	'5705105_/5705223'	0.3	1.03	3.33	0.09	0.9	1.53	1.18 No	0.09	Thermal Discharging
SAV069	662	'413584901_/413584898'	1	3.1	10	0.15	3.4	4.89	2.49 No	0.15	Thermal Discharging
SAV069	663	'4982881_/4982891'	0.3	1.03	3.33	0	0.2	1.58	1.95 No	0	Thermal Discharging
SAV069	664	'4982907_/4982904'	0.3	1.03	3.33	0	0.2	1.58	1.95 No	0	Thermal Discharging
SAV069	665	'5705838_/5705836'	0.27	1.03	3.33	0	0.2	1.49	1.18 No	0	Thermal Discharging
SAV069	666	'43618726_/4981696'	0.27	1.03	3.33	0.09	0.5	1.54	1.18 No	0.09	Thermal Discharging
SAV069	667	'5706212_/5706209'	0.27	1.03	3.33	0	1.1	1.49	1.18 No	0	Thermal Discharging
SAV069	668	'5705106_/5705103_1'	0.27	1.03	3.33	0.09	0.2	1.53	1.18 No	0.09	Thermal Discharging
SAV069	669	'349961690_/4982917_1'	0.27	1.03	3.33	0	0.1	1.57	1.95 No	0	Thermal Discharging
SAV069	670	'4982552_/4982550'	0.27	1.03	3.33	0.01	1.1	1.51	1.18 No	0.01	Thermal Discharging
SAV069	671	'43766742_/5708607'	0.27	1.03	3.33	0.01	1.1	1.5	1.18 No	0.01	Thermal Discharging
SAV069	672	'5705426_/5705424'	0.27	1.03	3.33	0.09	0.9	1.52	1.18 No	0.09	Thermal Discharging
SAV069	673	'43768161_/5705249'	0.27	1	3.33	0.09	0.9	1.51	1.18 No	0.09	Thermal Discharging
SAV069	674	'5708596_/5708594_1'	0.27	1	3.33	0.01	1.1	1.49	1.18 No	0.01	Thermal Discharging
SAV069	675	'5704892_/5704902'	0.27	1	3.33	0.01	1.1	1.47	1.18 No	0.01	Thermal Discharging
SAV069	676	'5710091_/5710089'	0.27	1	3.33	0.09	0.5	1.49	1.18 No	0.09	Thermal Discharging
SAV069	677	'4981751_/4981748'	0.27	1	3.33	0.09	0.5	1.52	1.18 No	0.09	Thermal Discharging
SAV069	678	'4987293_/4987291'	0.27	1	3.33	0	0.2	1.55	1.95 No	0	Thermal Discharging
SAV069	679	'4985989_/43619351'	0.27	1	3.33	0	0.2	1.55	1.95 No	0	Thermal Discharging
SAV069	680	'5704587_/5704691'	0.27	1	3.33	0.01	1.1	1.47	1.18 No	0.01	Thermal Discharging
SAV069	681	'43619021_/4983553'	0.27	1	3.33	0.01	1.1	1.49	1.18 No	0.01	Thermal Discharging
SAV069	682	'5703760_/5706222'	0.27	1	3.33	0	1.1	1.46	1.18 No	0	Thermal Discharging
SAV069	683	'43767105_/5709462'	0.27	1	3.33	0.01	1.1	1.48	1.18 No	0.01	Thermal Discharging
SAV069	684	'5704574_/5704571_2'	0.27	1	3.33	0.01	1.1	1.46	1.18 No	0.01	Thermal Discharging
SAV069	685	'43768026_/5705943'	0.27	1	3.33	0	0.2	1.46	1.18 No	0	Thermal Discharging
SAV069	686	'4982738_/4982748'	0.27	1	3.33	0	0.1	1.52	1.18 No	0	Thermal Discharging
SAV069	687	'454277072_/4987304'	0.27	1	3.33	0	0.2	1.53	1.95 No	0	Thermal Discharging
SAV069	688	'5706420_/5706430'	0.27	1	3.33	0	1.1	1.45	1.18 No	0	Thermal Discharging
SAV069	689	'43618929_/43618931'	0.27	1	3.33	0.01	1.1	1.47	1.18 No	0.01	Thermal Discharging
SAV069	690	'4983608_/4987278'	0.27	1	3.33	0	0.1	1.5	1.18 No	0	Thermal Discharging
SAV069	691	'5704363_/5704360'	0.27	1	3.33	0.09	0.7	1.44	1.18 No	0.09	Thermal Discharging
SAV069	692	'5705184_/5705197'	0.27	1	3.33	0.09	0.9	1.48	1.18 No	0.09	Thermal Discharging
SAV069	693	'413584932_/413584929'	0.9	3	10	0.15	3.4	4.7	2.49 No	0.15	Thermal Discharging
SAV069	694	'4984738_/4984735_2'	0.27	0.97	3.33	0.01	1.1	1.47	1.18 No	0.01	Thermal Discharging
SAV069	695	'5708597_/5708594_2'	0.27	0.97	3.33	0.01	1.1	1.45	1.18 No	0.01	Thermal Discharging
SAV069	696	'5710105_/5710102'	0.27	0.97	3.33	0.09	0.5	1.45	1.18 No	0.09	Thermal Discharging
SAV069	697	'5705868_/43768084'	0.27	0.97	3.33	0	0.2	1.43	1.18 No	0	Thermal Discharging
SAV069	698	'5705265_/5705262'	0.27	0.97	3.33	0.09	0.9	1.47	1.18 No	0.09	Thermal Discharging
SAV069	699	'4982868_/4982878'	0.27	0.97	3.33	0	0.2	1.51	1.95 No	0	Thermal Discharging
SAV069	700	'43767110_/43767107'	0.27	0.97	3.33	0.01	1.1	1.44	1.18 No	0.01	Thermal Discharging
SAV069	701	'5708652_/5708662'	0.27	0.97	3.33	0.01	1.1	1.44	1.18 No	0.01	Thermal Discharging
SAV069	702	'5705093_/5705103_2'	0.27	0.97	3.33	0.09	0.2	1.46	1.18 No	0.09	Thermal Discharging
SAV069	703	'5706407_/5706417'	0.27	0.97	3.33	0	1.1	1.42	1.18 No	0	Thermal Discharging
SAV069	704	'5704879_/5704889'	0.27	0.97	3.33	0.01	1.1	1.42	1.18 No	0.01	Thermal Discharging
SAV069	705	'4985845_/454277074'	0.27	0.97	3.33	0	0.2	1.5	1.95 No	0	Thermal Discharging
SAV069	706	'4986002_/4985999'	0.27	0.97	3.33	0	0.2	1.5	1.95 No	0	Thermal Discharging
SAV069	707	'4986015_/4986012'	0.27	0.97	3.33	0	0.2	1.49	1.95 No	0	Thermal Discharging
SAV069	708	'43767873_/43767875'	0.27	0.97	3.33	0.01	1.1	1.41	1.18 No	0.01	Thermal Discharging
SAV069	709	'4981712_/43618728'	0.27	0.97	3.33	0.09	0.5	1.45	1.18 No	0.09	Thermal Discharging
SAV069	710	'5708626_/5708623'	0.27	0.97	3.33	0.01	1.1	1.42	1.18 No	0.01	Thermal Discharging
SAV069	711	'43767994_/5703758'	0.27	0.97	3.33	0	1.1	1.41	1.18 No	0	Thermal Discharging
SAV069	712	'585752668_/5704597_3'	0.27	0.97	3.33	0.01	1.1	1.41	1.18 No	0.01	Thermal Discharging
SAV069	713	'4982737_/4982735'	0.27	0.97	3.33	0	0.1	1.46	1.18 No	0	Thermal Discharging
SAV069	714	'5705171_/5705181'	0.27	0.97	3.33	0.09	0.9	1.44	1.18 No	0.09	Thermal Discharging
SAV069	715	'585752656_/5704597_2'	0.27	0.97	3.33	0.01	0.2	1.41	1.18 No	0.01	Thermal Discharging
SAV069	716	'5704561_/5704571_1'	0.27	0.97	3.33	0.01	0.2	1.41	1.18 No	0.01	Thermal Discharging
SAV069	717	'4982920_/4982917_2'	0.27	0.97	3.33	0	0.1	1.48	1.95 No	0	Thermal Discharging
SAV069	718	'5704612_/5704597_1'	0.27	0.97	3.33	0.01	0.2	1.4	1.18 No	0.01	Thermal Discharging
SAV069	719	'4981764_/4981761'	0.27	0.97	3.33	0.09	0.5	1.44	1.18 No	0.09	Thermal Discharging
SAV069	720	'4983595_/4983605'	0.27	0.93	3.33	0	0.1	1.45	1.18 No	0	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over- Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SAV069	721	'5710117_/_5710115'		0.27	0.93	3.33	0.09	0.5	1.41	1.18 No	0.09 Thermal Discharging
SAV069	722	'4984737_/_4984735_1'		0.27	0.93	3.33	0.01	1.1	1.42	1.18 No	0.01 Thermal Discharging
SAV069	723	'413584963_/_413584960'		0.9	2.8	10	0.15	3.4	4.53	2.49 No	0.15 Thermal Discharging
SAV069	724	'5708558_/_5708636'		0.27	0.93	3.33	0.01	1.1	1.41	1.18 No	0.01 Thermal Discharging
SAV069	725	'4983712_/_4983722'		0.27	0.93	3.33	0	0.1	1.45	1.18 No	0 Thermal Discharging
SAV069	726	'4983582_/_43619023'		0.27	0.93	3.33	0.01	1.1	1.41	1.18 No	0.01 Thermal Discharging
SAV069	727	'5704878_/_5704876'		0.27	0.93	3.33	0.01	1.1	1.39	1.18 No	0.01 Thermal Discharging
SAV069	728	'5706394_/_5706404'		0.27	0.93	3.33	0	1.1	1.38	1.18 No	0 Thermal Discharging
SAV069	729	'5708651_/_5708649'		0.27	0.93	3.33	0.01	1.1	1.4	1.18 No	0.01 Thermal Discharging
SAV069	730	'4982855_/_4982865'		0.27	0.93	3.33	0	0.2	1.46	1.95 No	0 Thermal Discharging
SAV069	731	'5708856_/_5708853'		0.27	0.93	3.33	0.01	1.1	1.4	1.18 No	0.01 Thermal Discharging
SAV069	732	'4986418_/_4986415'		0.27	0.93	3.33	0	0.2	1.46	1.95 No	0 Thermal Discharging
SAV069	733	'4982933_/_4982930'		0.27	0.93	3.33	0	0.1	1.45	1.95 No	0 Thermal Discharging
SAV069	734	'5705132_/_5705142'		0.27	0.93	3.33	0.09	0.2	1.41	1.18 No	0.09 Thermal Discharging
SAV069	735	'43768266_/_5705275'		0.27	0.93	3.33	0.09	0.9	1.41	1.18 No	0.09 Thermal Discharging
SAV069	736	'43768139_/_5705090'		0.27	0.93	3.33	0.09	0.2	1.4	1.18 No	0.09 Thermal Discharging
SAV069	737	'4982854_/_4982852'		0.27	0.93	3.33	0	0.2	1.44	1.95 No	0 Thermal Discharging
SAV069	738	'5703748_/_43767996'		0.27	0.93	3.33	0	1.1	1.37	1.18 No	0 Thermal Discharging
SAV069	739	'43766874_/_5710141'		0.27	0.93	3.33	0.09	0.5	1.38	1.18 No	0.09 Thermal Discharging
SAV069	740	'5698924_/_5705168'		0.27	0.93	3.33	0.09	0.9	1.4	1.18 No	0.09 Thermal Discharging
SAV069	741	'4960247_/_4983592'		0.27	0.93	3.33	0	0.1	1.42	1.18 No	0 Thermal Discharging
SAV069	742	'4986028_/_4986025'		0.27	0.93	3.33	0	0.2	1.44	1.95 No	0 Thermal Discharging
SAV069	743	'5704798_/_5704808'		0.27	0.93	3.33	0.01	0.2	1.36	1.18 No	0.01 Thermal Discharging
SAV069	744	'4985846_/_4985843'		0.27	0.93	3.33	0	0.2	1.43	1.95 No	0 Thermal Discharging
SAV069	745	'5704480_/_5704558'		0.27	0.93	3.33	0.01	0.2	1.36	1.18 No	0.01 Thermal Discharging
SAV069	746	'4982842_/_4982982'		0.27	0.93	3.33	0	0.2	1.43	1.95 No	0 Thermal Discharging
SAV069	747	'45174854_/_5704665'		0.27	0.93	3.33	0.01	1.1	1.36	1.18 No	0.01 Thermal Discharging
SAV069	748	'4981777_/_4981774'		0.23	0.9	3.33	0.09	0.5	1.4	1.18 No	0.09 Thermal Discharging
SAV069	749	'43767983_/_5706391'		0.23	0.9	3.33	0	1.1	1.35	1.18 No	0 Thermal Discharging
SAV069	750	'43619087_/_43619089'		0.23	0.9	3.33	0	0.1	1.4	1.18 No	0 Thermal Discharging
SAV069	751	'4982540_/_4984774'		0.27	0.9	3.33	0.01	1.1	1.37	1.18 No	0.01 Thermal Discharging
SAV069	752	'43619131_/_4982943'		0.23	0.9	3.33	0	0.1	1.42	1.95 No	0 Thermal Discharging
SAV069	753	'4986431_/_4986428'		0.23	0.9	3.33	0	0.2	1.42	1.95 No	0 Thermal Discharging
SAV069	754	'4992399_/_4992396_1'		0.23	0.9	3.33	0.01	0.2	1.37	1.18 No	0.01 Thermal Discharging
SAV069	755	'413584994_/_413584991'		0.9	2.7	10	0.15	3.4	4.36	2.49 No	0.15 Thermal Discharging
SAV069	756	'5704824_/_5704821'		0.27	0.9	3.33	0.01	0.2	1.35	1.18 No	0.01 Thermal Discharging
SAV069	757	'5704837_/_5704834'		0.27	0.9	3.33	0.01	0.2	1.35	1.18 No	0.01 Thermal Discharging
SAV069	758	'43620833_/_4992396_2'		0.23	0.9	3.33	0.01	0.2	1.37	1.18 No	0.01 Thermal Discharging
SAV069	759	'5705131_/_5705129'		0.23	0.9	3.33	0.09	0.2	1.37	1.18 No	0.09 Thermal Discharging
SAV069	760	'4982841_/_4982839'		0.23	0.9	3.33	0	0.2	1.4	1.95 No	0 Thermal Discharging
SAV069	761	'5706238_/_5706235'		0.23	0.9	3.33	0	1.1	1.33	1.18 No	0 Thermal Discharging
SAV069	762	'43619360_/_4986038'		0.23	0.9	3.33	0	0.2	1.4	1.95 No	0 Thermal Discharging
SAV069	763	'4983023_/_4983021'		0.23	0.9	3.33	0	0.1	1.4	1.95 No	0 Thermal Discharging
SAV069	764	'5698911_/_5698921'		0.23	0.9	3.33	0.09	0.9	1.36	1.18 No	0.09 Thermal Discharging
SAV069	765	'5710195_/_5710193'		0.23	0.9	3.33	0.01	1.1	1.34	1.18 No	0.01 Thermal Discharging
SAV069	766	'43620945_/_4992821'		0.23	0.9	3.33	0.09	0.5	1.37	1.18 No	0.09 Thermal Discharging
SAV069	767	'5708409_/_5708555'		0.23	0.9	3.33	0.01	1.1	1.34	1.18 No	0.01 Thermal Discharging
SAV069	768	'43619316_/_4985856'		0.23	0.9	3.33	0	0.2	1.4	1.95 No	0 Thermal Discharging
SAV069	769	'5705064_/_5705074'		0.23	0.9	3.33	0.09	0.2	1.36	1.18 No	0.09 Thermal Discharging
SAV069	770	'5708952_/_43766876'		0.23	0.9	3.33	0.09	0.5	1.34	1.18 No	0.09 Thermal Discharging
SAV069	771	'4982972_/_4982969'		0.23	0.9	3.33	0	0.2	1.39	1.95 No	0 Thermal Discharging
SAV069	772	'5705291_/_43768268'		0.23	0.9	3.33	0.09	0.9	1.35	1.18 No	0.09 Thermal Discharging
SAV069	773	'4985911_/_4985908'		0.23	0.9	3.33	0	0.2	1.39	1.95 No	0 Thermal Discharging
SAV069	774	'43618999_/_4960245'		0.23	0.87	3.33	0	0.1	1.36	1.18 No	0 Thermal Discharging
SAV069	775	'5706368_/_5706378'		0.23	0.87	3.33	0	1.1	1.31	1.18 No	0 Thermal Discharging
SAV069	776	'5704493_/_5704490'		0.23	0.87	3.33	0.01	0.2	1.31	1.18 No	0.01 Thermal Discharging
SAV069	777	'43767840_/_43767842'		0.23	0.87	3.33	0.01	0.2	1.31	1.18 No	0.01 Thermal Discharging
SAV069	778	'4983686_/_4983696'		0.23	0.87	3.33	0	0.1	1.36	1.18 No	0 Thermal Discharging
SAV069	779	'44765214_/_4982956'		0.23	0.87	3.33	0	0.1	1.37	1.95 No	0 Thermal Discharging
SAV069	780	'43767895_/_43767897'		0.23	0.87	3.33	0.01	0.2	1.31	1.18 No	0.01 Thermal Discharging
SAV069	781	'4982524_/_4982537'		0.23	0.87	3.33	0.01	1.1	1.33	1.18 No	0.01 Thermal Discharging
SAV069	782	'43619043_/_43620835'		0.23	0.87	3.33	0.01	0.2	1.32	1.18 No	0.01 Thermal Discharging
SAV069	783	'413585025_/_413585022'		0.8	2.6	10	0.15	3.4	4.21	2.49 No	0.15 Thermal Discharging
SAV069	784	'5704099_/_5710258'		0.23	0.87	3.33	0	1.1	1.3	1.18 No	0 Thermal Discharging
SAV069	785	'43767906_/_5704847'		0.23	0.87	3.33	0.01	0.2	1.3	1.18 No	0.01 Thermal Discharging
SAV069	786	'5708422_/_5708419'		0.23	0.87	3.33	0.01	1.1	1.31	1.18 No	0.01 Thermal Discharging
SAV069	787	'5698898_/_5698908'		0.23	0.87	3.33	0.09	0.9	1.33	1.18 No	0.09 Thermal Discharging
SAV069	788	'5708953_/_5708950'		0.23	0.87	3.33	0.09	0.5	1.31	1.18 No	0.09 Thermal Discharging
SAV069	789	'43768128_/_43768130'		0.23	0.87	3.33	0.09	0.2	1.32	1.18 No	0.09 Thermal Discharging
SAV069	790	'4986252_/_4986249'		0.23	0.87	3.33	0	0.2	1.35	1.95 No	0 Thermal Discharging
SAV069	791	'4985924_/_4985921'		0.23	0.87	3.33	0	0.2	1.35	1.95 No	0 Thermal Discharging
SAV069	792	'4986553_/_4986550'		0.23	0.87	3.33	0	0.1	1.35	1.95 No	0 Thermal Discharging
SAV069	793	'5705050_/_5705061'		0.23	0.87	3.33	0.09	0.2	1.32	1.18 No	0.09 Thermal Discharging
SAV069	794	'4986054_/_4986051'		0.23	0.87	3.33	0	0.2	1.35	1.95 No	0 Thermal Discharging
SAV069	795	'5706250_/_5706365'		0.23	0.87	3.33	0	1.1	1.28	1.18 No	0 Thermal Discharging
SAV069	796	'5705304_/_5705301'		0.23	0.87	3.33	0.09	0.9	1.31	1.18 No	0.09 Thermal Discharging
SAV069	797	'4985872_/_43619318'		0.23	0.87	3.33	0	0.2	1.34	1.95 No	0 Thermal Discharging
SAV069	798	'4983673_/_4983683'		0.23	0.87	3.33	0	0.1	1.32	1.18 No	0 Thermal Discharging
SAV069	799	'416539636_/_4986064_1'		0.23	0.87	3.33	0	0.2	1.34	1.95 No	0 Thermal Discharging
SAV069	800	'43767851_/_5704503'		0.23	0.87	3.33	0.01	0.2	1.28	1.18 No	0.01 Thermal Discharging
SAV069	801	'4960261_/_4960258'		0.23	0.87	3.33	0	0.1	1.32	1.18 No	0 Thermal Discharging
SAV069	802	'43766698_/_5708406'		0.23	0.83	3.33	0.01	1.1	1.29	1.18 No	0.01 Thermal Discharging
SAV069	803	'5708966_/_5708963'		0.23	0.83	3.33	0.09	0.5	1.29	1.18 No	0.09 Thermal Discharging
SAV069	804	'5704772_/_5704782'		0.23	0.83	3.33	0.01	0.2	1.27	1.18 No	0.01 Thermal Discharging
SAV069	805	'43621071_/_4997363'		0.23	0.83	3.33	0	0.2	1.33	1.95 No	0 Thermal Discharging
SAV069	806	'5706251_/_5706248'		0.23	0.83	3.33	0	1.1	1.27	1.18 No	0 Thermal Discharging
SAV069	807	'44977008_/_5704863'		0.23	0.83	3.33	0.01	0.2	1.27	1.18 No	0.01 Thermal Discharging
SAV069	808	'5704454_/_5704464'		0.23	0.83	3.33	0.01	0.2	1.27	1.18 No	0.01 Thermal Discharging
SAV069	809	'43618940_/_4982521'		0.23	0.83	3.33	0.01	1.1	1.29	1.18 No	0.01 Thermal Discharging
SAV069	810	'4981789_/_4992834'		0.23	0.83	3.33	0.09	0.5	1.3	1.18 No	0.09 Thermal Discharging
SAV069	811	'4960179_/_43619045'		0.23	0.83	3.33	0.01	0.2	1.28	1.18 No	0.01 Thermal Discharging
SAV069	812	'413585056_/_413585053'		0.8	2.5	10	0.15	3.4	4.07	2.49 No	0.15 Thermal Discharging
SAV069	813	'5698885_/_5698895'		0.23	0.83	3.33	0.09	0.9	1.28	1.18 No	0.09 Thermal Discharging
SAV069	814	'4981816_/_4981813'		0.23	0.83	3.33	0.09	0.5	1.29	1.18 No	0.09 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Over-Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SAV069	815	'43766709_/_5708448'		0.23	0.83	3.33	0.01	1.1	1.27	1.18 No	0.01 Thermal Discharging
SAV069	816	'5704100_/_5704097'		0.23	0.83	3.33	0	1.1	1.26	1.18 No	0 Thermal Discharging
SAV069	817	'43619327_/_4985934'		0.23	0.83	3.33	0	0.2	1.31	1.95 No	0 Thermal Discharging
SAV069	818	'4986067_/_4986064_2'		0.23	0.83	3.33	0	0.2	1.31	1.95 No	0 Thermal Discharging
SAV069	819	'4986226_/_4986236'		0.23	0.83	3.33	0	0.2	1.31	1.95 No	0 Thermal Discharging
SAV069	820	'5699099_/_5699109'		0.23	0.83	3.33	0.09	0.2	1.27	1.18 No	0.09 Thermal Discharging
SAV069	821	'4985885_/_4985882'		0.23	0.83	3.33	0	0.2	1.3	1.95 No	0 Thermal Discharging
SAV069	822	'413585128_/_413585125'		0.8	2.5	10	0.15	3.4	4.01	2.49 No	0.15 Thermal Discharging
SAV069	823	'43766830_/_5708976'		0.23	0.83	3.33	0.09	0.5	1.26	1.18 No	0.09 Thermal Discharging
SAV069	824	'350314214_/_4986223_2'		0.23	0.83	3.33	0	0.2	1.3	1.95 No	0 Thermal Discharging
SAV069	825	'4983659_/_4983670'		0.23	0.83	3.33	0	0.1	1.28	1.18 No	0 Thermal Discharging
SAV069	826	'43767972_/_5706274'		0.23	0.83	3.33	0	1.1	1.24	1.18 No	0 Thermal Discharging
SAV069	827	'43768117_/_5705048'		0.23	0.83	3.33	0.09	0.2	1.26	1.18 No	0.09 Thermal Discharging
SAV069	828	'5706342_/_5706352'		0.23	0.83	3.33	0	1.1	1.24	1.18 No	0 Thermal Discharging
SAV069	829	'5704519_/_43767853'		0.23	0.83	3.33	0.01	0.2	1.24	1.18 No	0.01 Thermal Discharging
SAV069	830	'4982511_/_4982563'		0.23	0.83	3.33	0.01	1.1	1.25	1.18 No	0.01 Thermal Discharging
SAV069	831	'4960274_/_4960271_1'		0.23	0.83	3.33	0	0.1	1.27	1.18 No	0 Thermal Discharging
SAV069	832	'43767917_/_43767919'		0.23	0.8	3.33	0.01	0.2	1.23	1.18 No	0.01 Thermal Discharging
SAV069	833	'4960180_/_4960177'		0.23	0.8	3.33	0.01	0.2	1.25	1.18 No	0.01 Thermal Discharging
SAV069	834	'4985830_/_4985895'		0.23	0.8	3.33	0	0.2	1.28	1.95 No	0 Thermal Discharging
SAV069	835	'4986264_/_43621073'		0.23	0.8	3.33	0	0.2	1.28	1.95 No	0 Thermal Discharging
SAV069	836	'43618977_/_4960271_2'		0.23	0.8	3.33	0	0.1	1.27	1.18 No	0 Thermal Discharging
SAV069	837	'5704441_/_5704451'		0.23	0.8	3.33	0.01	0.2	1.23	1.18 No	0.01 Thermal Discharging
SAV069	838	'5698872_/_5698882'		0.23	0.8	3.33	0.09	0.9	1.24	1.18 No	0.09 Thermal Discharging
SAV069	839	'4981829_/_4981826'		0.23	0.8	3.33	0.09	0.5	1.25	1.18 No	0.09 Thermal Discharging
SAV069	840	'5704048_/_5708393'		0.23	0.8	3.33	0.01	1.1	1.23	1.18 No	0.01 Thermal Discharging
SAV069	841	'5708438_/_43766711'		0.23	0.8	3.33	0.01	1.1	1.23	1.18 No	0.01 Thermal Discharging
SAV069	842	'5714697_/_43766832'		0.23	0.8	3.33	0.09	0.5	1.23	1.18 No	0.09 Thermal Discharging
SAV069	843	'5699086_/_5699096'		0.23	0.8	3.33	0.09	0.2	1.24	1.18 No	0.09 Thermal Discharging
SAV069	844	'4981935_/_4982508'		0.23	0.8	3.33	0.01	1.1	1.23	1.18 No	0.01 Thermal Discharging
SAV069	845	'4960193_/_4960190'		0.23	0.8	3.33	0.01	0.2	1.23	1.18 No	0.01 Thermal Discharging
SAV069	846	'4986080_/_4986077'		0.23	0.8	3.33	0	0.2	1.26	1.95 No	0 Thermal Discharging
SAV069	847	'413585169_/_413585166'		0.8	2.4	10	0.15	3.4	3.87	2.49 No	0.15 Thermal Discharging
SAV069	848	'4981790_/_4981787'		0.2	0.8	3.33	0.09	0.5	1.24	1.18 No	0.09 Thermal Discharging
SAV069	849	'4983660_/_4983657'		0.2	0.8	3.33	0	0.1	1.25	1.18 No	0 Thermal Discharging
SAV069	850	'4985950_/_4985947'		0.23	0.8	3.33	0	0.2	1.26	1.95 No	0 Thermal Discharging
SAV069	851	'43619305_/_43619307'		0.2	0.8	3.33	0	0.2	1.26	1.95 No	0 Thermal Discharging
SAV069	852	'8314715_/_8941425_1'		0.2	0.8	3.33	0.09	0.3	1.23	1.18 No	0.09 Thermal Discharging
SAV069	853	'5706329_/_5706339'		0.2	0.8	3.33	0	1.1	1.2	1.18 No	0 Thermal Discharging
SAV069	854	'4986265_/_4986262'		0.2	0.8	3.33	0	0.2	1.25	1.95 No	0 Thermal Discharging
SAV069	855	'4960287_/_4960284_2'		0.2	0.8	3.33	0	0.1	1.24	1.18 No	0 Thermal Discharging
SAV069	856	'43619415_/_4986223_1'		0.2	0.8	3.33	0	0.1	1.25	1.95 No	0 Thermal Discharging
SAV069	857	'77047794_/_4981959_2'		0.2	0.8	3.33	0.01	0.9	1.22	1.18 No	0.01 Thermal Discharging
SAV069	858	'44977046_/_5706261'		0.2	0.8	3.33	0	1.1	1.2	1.18 No	0 Thermal Discharging
SAV069	859	'4986093_/_4986090_1'		0.2	0.8	3.33	0	0.2	1.25	1.95 No	0 Thermal Discharging
SAV069	860	'5708991_/_5714695'		0.2	0.8	3.33	0.09	0.5	1.2	1.18 No	0.09 Thermal Discharging
SAV069	861	'5708437_/_5708435'		0.2	0.8	3.33	0.01	1.1	1.2	1.18 No	0.01 Thermal Discharging
SAV069	862	'5699242_/_43768119'		0.2	0.8	3.33	0.09	0.2	1.21	1.18 No	0.09 Thermal Discharging
SAV069	863	'45174866_/_5704756'		0.23	0.8	3.33	0.01	0.2	1.19	1.18 No	0.01 Thermal Discharging
SAV069	864	'413585200_/_413585197'		0.8	2.4	10	0.15	3.4	3.81	2.49 No	0.15 Thermal Discharging
SAV069	865	'5706316_/_5706326'		0.2	0.8	3.33	0	1.1	1.19	1.18 No	0 Thermal Discharging
SAV069	866	'43619393_/_4986090_2'		0.2	0.8	3.33	0	0.2	1.24	1.95 No	0 Thermal Discharging
SAV069	867	'5704532_/_5704529'		0.23	0.8	3.33	0.01	0.2	1.19	1.18 No	0.01 Thermal Discharging
SAV069	868	'5704428_/_5704438'		0.2	0.77	3.33	0.01	0.2	1.19	1.18 No	0.01 Thermal Discharging
SAV069	869	'4981803_/_4981800'		0.2	0.77	3.33	0.09	0.5	1.22	1.18 No	0.09 Thermal Discharging
SAV069	870	'5698859_/_5698869'		0.2	0.77	3.33	0.09	0.9	1.21	1.18 No	0.09 Thermal Discharging
SAV069	871	'4960206_/_4960203'		0.2	0.77	3.33	0.01	0.2	1.2	1.18 No	0.01 Thermal Discharging
SAV069	872	'4981949_/_4981959_1'		0.2	0.77	3.33	0.01	0.2	1.2	1.18 No	0.01 Thermal Discharging
SAV069	873	'43618770_/_4981839'		0.2	0.77	3.33	0.09	0.5	1.21	1.18 No	0.09 Thermal Discharging
SAV069	874	'43619304_/_4985827'		0.2	0.77	3.33	0	0.2	1.23	1.95 No	0 Thermal Discharging
SAV069	875	'4986187_/_4986210'		0.2	0.77	3.33	0	0.1	1.23	1.95 No	0 Thermal Discharging
SAV069	876	'3249466_/_413585215'		0.7	2.3	10	0.15	3.4	3.77	2.49 No	0.15 Thermal Discharging
SAV069	877	'5698965_/_5698963_1'		0.2	0.77	3.33	0.09	0.2	1.2	1.18 No	0.09 Thermal Discharging
SAV069	878	'4986119_/_4986116'		0.2	0.77	3.33	0	0.2	1.23	1.95 No	0 Thermal Discharging
SAV069	879	'5708503_/_5708529'		0.2	0.77	3.33	0.01	1.1	1.19	1.18 No	0.01 Thermal Discharging
SAV069	880	'4981975_/_4981972'		0.2	0.77	3.33	0.01	0.9	1.2	1.18 No	0.01 Thermal Discharging
SAV069	881	'471440389_/_3249628_1'		0.7	2.3	10	0.15	3.4	3.76	2.49 No	0.15 Thermal Discharging
SAV069	882	'5708992_/_5708989'		0.2	0.77	3.33	0.09	0.5	1.19	1.18 No	0.09 Thermal Discharging
SAV069	883	'4986281_/_4986278'		0.2	0.77	3.33	0	0.2	1.22	1.95 No	0 Thermal Discharging
SAV069	884	'3249486_/_43284969'		0.7	2.3	10	0.15	3.4	3.76	2.49 No	0.15 Thermal Discharging
SAV069	885	'43767774_/_5699083'		0.2	0.77	3.33	0.09	0.2	1.2	1.18 No	0.09 Thermal Discharging
SAV069	886	'5698966_/_5698963_2'		0.2	0.77	3.33	0.09	0.2	1.19	1.18 No	0.09 Thermal Discharging
SAV069	887	'43767162_/_43767164'		0.2	0.77	3.33	0.01	1.1	1.18	1.18 No	0.01 Thermal Discharging
SAV069	888	'8941428_/_8941425_2'		0.2	0.77	3.33	0.09	0.3	1.19	1.18 No	0.09 Thermal Discharging
SAV069	889	'3249502_/_3249628_2'		0.7	2.3	10	0.15	3.4	3.71	2.49 No	0.15 Thermal Discharging
SAV069	890	'5698843_/_5698856'		0.2	0.77	3.33	0.09	0.9	1.18	1.18 No	0.09 Thermal Discharging
SAV069	891	'43618988_/_4987171'		0.2	0.77	3.33	0	0.1	1.2	1.18 No	0 Thermal Discharging
SAV069	892	'5699229_/_5699239'		0.2	0.77	3.33	0.09	0.2	1.18	1.18 No	0.09 Thermal Discharging
SAV069	893	'5708545_/_5708542'		0.2	0.77	3.33	0.01	1.1	1.17	1.18 No	0.01 Thermal Discharging
SAV069	894	'4985963_/_4985960'		0.2	0.77	3.33	0	0.2	1.21	1.95 No	0 Thermal Discharging
SAV069	895	'5704427_/_5704425'		0.2	0.77	3.33	0.01	0.2	1.16	1.18 No	0.01 Thermal Discharging
SAV069	896	'43619010_/_4960216'		0.2	0.77	3.33	0.01	0.2	1.17	1.18 No	0.01 Thermal Discharging
SAV069	897	'5698982_/_5698979'		0.2	0.77	3.33	0.09	0.2	1.18	1.18 No	0.09 Thermal Discharging
SAV069	898	'5708502_/_5708500_2'		0.2	0.77	3.33	0.01	1.1	1.16	1.18 No	0.01 Thermal Discharging
SAV069	899	'43619398_/_43619395'		0.2	0.77	3.33	0	0.2	1.2	1.95 No	0 Thermal Discharging
SAV069	900	'5708464_/_5708461'		0.2	0.77	3.33	0.01	1.1	1.16	1.18 No	0.01 Thermal Discharging
SAV069	901	'43767961_/_5706313'		0.2	0.77	3.33	0	1.1	1.15	1.18 No	0 Thermal Discharging
SAV069	902	'5704545_/_5704542'		0.2	0.77	3.33	0.01	0.2	1.15	1.18 No	0.01 Thermal Discharging
SAV069	903	'5709008_/_5709005'		0.2	0.77	3.33	0.09	0.5	1.16	1.18 No	0.09 Thermal Discharging
SAV069	904	'4986200_/_4986197'		0.2	0.77	3.33	0	0.1	1.2	1.95 No	0 Thermal Discharging
SAV069	905	'43766731_/_5708500_1'		0.2	0.77	3.33	0.01	0.2	1.16	1.18 No	0.01 Thermal Discharging
SAV069	906	'4978650_/_4987543'		0.2	0.77	3.33	0.01	0.9	1.17	1.18 No	0.01 Thermal Discharging
SAV069	907	'5698830_/_5698840'		0.2	0.77	3.33	0.09	0.9	1.17	1.18 No	0.09 Thermal Discharging
SAV069	908	'4986174_/_4986184'		0.2	0.77	3.33	0	0.1	1.19	1.95 No	0 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over- Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SAV069	909	'43619371_/_4993557'		0.2	0.77	3.33	0	0.2	1.19	1.95 No	0 Thermal Discharging
SAV069	910	'4960300_/_4960297'		0.2	0.73	3.33	0	0.1	1.18	1.18 No	0 Thermal Discharging
SAV069	911	'5699060_/_5699070'		0.2	0.73	3.33	0.09	0.2	1.16	1.18 No	0.09 Thermal Discharging
SAV069	912	'44765186_/_4981852'		0.2	0.73	3.33	0.09	0.5	1.16	1.18 No	0.09 Thermal Discharging
SAV069	913	'5698829_/_5698827'		0.2	0.73	3.33	0.09	0.9	1.15	1.18 No	0.09 Thermal Discharging
SAV069	914	'43766852_/_43766854'		0.2	0.73	3.33	0.09	0.5	1.14	1.18 No	0.09 Thermal Discharging
SAV069	915	'3249503_/_3249500'		0.7	2.2	10	0.15	3.4	3.6	2.49 No	0.15 Thermal Discharging
SAV069	916	'43619015_/_43619012'		0.2	0.73	3.33	0.01	0.2	1.15	1.18 No	0.01 Thermal Discharging
SAV069	917	'4981922_/_4981946'		0.2	0.73	3.33	0.01	0.2	1.14	1.18 No	0.01 Thermal Discharging
SAV069	918	'43767186_/_43767188'		0.2	0.73	3.33	0.01	0.2	1.13	1.18 No	0.01 Thermal Discharging
SAV069	919	'5703511_/_5703508'		0.2	0.73	3.33	0.09	0.9	1.14	1.18 No	0.09 Thermal Discharging
SAV069	920	'43767796_/_5698992'		0.2	0.73	3.33	0.09	0.2	1.14	1.18 No	0.09 Thermal Discharging
SAV069	921	'5699228_/_5699226'		0.2	0.73	3.33	0.09	0.2	1.14	1.18 No	0.09 Thermal Discharging
SAV069	922	'5703472_/_5703482'		0.2	0.73	3.33	0.09	0.9	1.14	1.18 No	0.09 Thermal Discharging
SAV069	923	'5706290_/_5706300'		0.2	0.73	3.33	0	1.1	1.12	1.18 No	0 Thermal Discharging
SAV069	924	'4978651_/_4978648'		0.2	0.73	3.33	0.01	0.9	1.13	1.18 No	0.01 Thermal Discharging
SAV069	925	'43767730_/_5698947'		0.2	0.73	3.33	0.09	0.9	1.14	1.18 No	0.09 Thermal Discharging
SAV069	926	'5704086_/_5704084'		0.2	0.73	3.33	0.01	1.1	1.13	1.18 No	0.01 Thermal Discharging
SAV069	927	'425113760_/_8361250_2'		0.2	0.73	3.33	0.01	1.1	1.13	1.18 No	0.01 Thermal Discharging
SAV069	928	'4986161_/_4986171'		0.2	0.73	3.33	0	0.1	1.16	1.95 No	0 Thermal Discharging
SAV069	929	'5710222_/_5710232'		0.2	0.73	3.33	0.09	0.2	1.13	1.18 No	0.09 Thermal Discharging
SAV069	930	'43768345_/_5705609'		0.2	0.73	3.33	0.01	0.2	1.11	1.18 No	0.01 Thermal Discharging
SAV069	931	'4986131_/_4993570'		0.2	0.73	3.33	0	0.2	1.16	1.95 No	0 Thermal Discharging
SAV069	932	'4960313_/_4960310'		0.2	0.73	3.33	0	0.1	1.14	1.18 No	0 Thermal Discharging
SAV069	933	'5708489_/_5708487'		0.2	0.73	3.33	0.01	0.2	1.12	1.18 No	0.01 Thermal Discharging
SAV069	934	'5699059_/_5699057'		0.2	0.73	3.33	0.09	0.2	1.13	1.18 No	0.09 Thermal Discharging
SAV069	935	'43766720_/_5708474'		0.2	0.73	3.33	0.01	1.1	1.11	1.18 No	0.01 Thermal Discharging
SAV069	936	'4978664_/_4978661'		0.2	0.73	3.33	0.01	0.9	1.12	1.18 No	0.01 Thermal Discharging
SAV069	937	'43618816_/_4987155'		0.2	0.73	3.33	0.01	0.9	1.12	1.18 No	0.01 Thermal Discharging
SAV069	938	'5698817_/_5703524'		0.2	0.73	3.33	0.09	0.9	1.12	1.18 No	0.09 Thermal Discharging
SAV069	939	'5703459_/_5703469'		0.2	0.73	3.33	0.09	0.9	1.12	1.18 No	0.09 Thermal Discharging
SAV069	940	'4986132_/_4986129'		0.2	0.7	3.33	0	0.2	1.14	1.95 No	0 Thermal Discharging
SAV069	941	'5703906_/_5706287'		0.2	0.7	3.33	0	1.1	1.1	1.18 No	0 Thermal Discharging
SAV069	942	'3249520_/_3249517'		0.7	2.1	10	0.15	3.4	3.5	2.49 No	0.15 Thermal Discharging
SAV069	943	'5698816_/_5698814'		0.2	0.7	3.33	0.09	0.9	1.11	1.18 No	0.09 Thermal Discharging
SAV069	944	'5703540_/_5703537'		0.2	0.7	3.33	0.09	0.9	1.11	1.18 No	0.09 Thermal Discharging
SAV069	945	'4960326_/_4960323'		0.2	0.7	3.33	0	0.1	1.12	1.18 No	0 Thermal Discharging
SAV069	946	'43767719_/_5703456'		0.2	0.7	3.33	0.09	0.9	1.11	1.18 No	0.09 Thermal Discharging
SAV069	947	'49472658_/_66914843'		0.7	2.1	10	0.15	3.4	3.46	2.49 No	0.15 Thermal Discharging
SAV069	948	'5709075_/_5709086'		0.2	0.7	3.33	0.09	0.5	1.1	1.18 No	0.09 Thermal Discharging
SAV069	949	'5703907_/_5703904'		0.2	0.7	3.33	0	1.1	1.09	1.18 No	0 Thermal Discharging
SAV069	950	'5704060_/_5710397'		0.2	0.7	3.33	0.01	1.1	1.1	1.18 No	0.01 Thermal Discharging
SAV069	951	'5699008_/_43767798'		0.2	0.7	3.33	0.09	0.2	1.1	1.18 No	0.09 Thermal Discharging
SAV069	952	'4983646_/_4986158'		0.2	0.7	3.33	0	0.1	1.12	1.95 No	0 Thermal Discharging
SAV069	953	'43767729_/_5698934'		0.2	0.7	3.33	0.09	0.9	1.1	1.18 No	0.09 Thermal Discharging
SAV069	954	'5709279_/_5710384'		0.2	0.7	3.33	0.01	0.2	1.09	1.18 No	0.01 Thermal Discharging
SAV069	955	'43767718_/_5703443'		0.2	0.7	3.33	0.09	0.9	1.09	1.18 No	0.09 Thermal Discharging
SAV069	956	'5703565_/_5703563'		0.2	0.7	3.33	0.09	0.9	1.09	1.18 No	0.09 Thermal Discharging
SAV069	957	'45174893_/_5705622'		0.2	0.7	3.33	0.01	0.2	1.08	1.18 No	0.01 Thermal Discharging
SAV069	958	'4981923_/_4981920'		0.2	0.7	3.33	0.01	0.2	1.09	1.18 No	0.01 Thermal Discharging
SAV069	959	'4984790_/_4984787'		0.2	0.7	3.33	0	0.1	1.1	1.18 No	0 Thermal Discharging
SAV069	960	'43619596_/_4986142'		0.2	0.7	3.33	0	0.2	1.11	1.95 No	0 Thermal Discharging
SAV069	961	'43768756_/_5703917'		0.2	0.7	3.33	0	1.1	1.07	1.18 No	0 Thermal Discharging
SAV069	962	'43767697_/_5703550'		0.2	0.7	3.33	0.09	0.9	1.08	1.18 No	0.09 Thermal Discharging
SAV069	963	'43766819_/_43766821'		0.2	0.7	3.33	0.09	0.2	1.07	1.18 No	0.09 Thermal Discharging
SAV069	964	'4978595_/_4987530'		0.2	0.7	3.33	0.01	0.2	1.08	1.18 No	0.01 Thermal Discharging
SAV069	965	'5709060_/_5709073'		0.2	0.7	3.33	0.09	0.2	1.07	1.18 No	0.09 Thermal Discharging
SAV069	966	'5704061_/_5704058'		0.2	0.7	3.33	0.01	1.1	1.07	1.18 No	0.01 Thermal Discharging
SAV069	967	'425112075_/_49871142_1'		0.2	0.7	3.33	0.01	0.9	1.08	1.18 No	0.01 Thermal Discharging
SAV069	968	'4983647_/_4983644'		0.2	0.7	3.33	0	0.1	1.1	1.95 No	0 Thermal Discharging
SAV069	969	'43767785_/_5699018'		0.2	0.7	3.33	0.09	0.2	1.07	1.18 No	0.09 Thermal Discharging
SAV069	970	'49472659_/_49472656'		0.7	2	10	0.15	3.4	3.34	2.49 No	0.15 Thermal Discharging
SAV069	971	'5709280_/_5709277'		0.2	0.67	3.33	0.01	0.2	1.06	1.18 No	0.01 Thermal Discharging
SAV069	972	'43768768_/_43768758'		0.17	0.67	3.33	0	1.1	1.04	1.18 No	0 Thermal Discharging
SAV069	973	'45259879_/_4986402'		0.17	0.67	3.33	0	0.2	1.08	1.95 No	0 Thermal Discharging
SAV069	974	'5704402_/_43767699'		0.17	0.67	3.33	0.09	0.9	1.05	1.18 No	0.09 Thermal Discharging
SAV069	975	'4984711_/_43621555'		0.17	0.67	3.33	0	0.1	1.07	1.95 No	0 Thermal Discharging
SAV069	976	'4978596_/_4978593'		0.17	0.67	3.33	0.01	0.2	1.05	1.18 No	0.01 Thermal Discharging
SAV069	977	'5709296_/_5709293'		0.17	0.67	3.33	0.01	0.2	1.04	1.18 No	0.01 Thermal Discharging
SAV069	978	'43767151_/_43768770'		0.17	0.67	3.33	0	1.1	1.03	1.18 No	0 Thermal Discharging
SAV069	979	'5704074_/_5704071'		0.17	0.67	3.33	0.01	1.1	1.04	1.18 No	0.01 Thermal Discharging
SAV069	980	'5704388_/_5704399'		0.17	0.67	3.33	0.09	0.9	1.04	1.18 No	0.09 Thermal Discharging
SAV069	981	'5699034_/_43767787'		0.17	0.67	3.33	0.09	0.2	1.04	1.18 No	0.09 Thermal Discharging
SAV069	982	'49472678_/_49472675'		0.6	2	10	0.15	3.4	3.24	2.49 No	0.15 Thermal Discharging
SAV069	983	'43621564_/_4984722'		0.17	0.67	3.33	0.01	0.2	1.04	1.18 No	0.01 Thermal Discharging
SAV069	984	'4978612_/_4978609'		0.17	0.67	3.33	0.01	0.2	1.04	1.18 No	0.01 Thermal Discharging
SAV069	985	'43767039_/_5709238'		0.17	0.67	3.33	0.01	1.1	1.02	1.18 No	0.01 Thermal Discharging
SAV069	986	'5709241_/_5709251_1'		0.17	0.67	3.33	0.01	0.7	1.02	1.18 No	0.01 Thermal Discharging
SAV069	987	'5710208_/_5710219'		0.17	0.67	3.33	0.09	0.2	1.03	1.18 No	0.09 Thermal Discharging
SAV069	988	'43766841_/_43766843'		0.17	0.67	3.33	0.09	0.2	1.02	1.18 No	0.09 Thermal Discharging
SAV069	989	'5703854_/_43767153'		0.17	0.63	3.33	0	1.1	1.01	1.18 No	0 Thermal Discharging
SAV069	990	'5709228_/_5709251_2'		0.17	0.63	3.33	0.01	0.7	1.01	1.18 No	0.01 Thermal Discharging
SAV069	991	'5704376_/_5704386'		0.17	0.63	3.33	0.09	0.9	1.02	1.18 No	0.09 Thermal Discharging
SAV069	992	'5703855_/_5703852'		0.17	0.63	3.33	0	1.1	1	1.18 No	0 Thermal Discharging
SAV069	993	'5709215_/_5709225'		0.17	0.63	3.33	0.01	0.7	1.01	1.18 No	0.01 Thermal Discharging
SAV069	994	'4984764_/_43621566'		0.17	0.63	3.33	0.01	0.2	1.01	1.18 No	0.01 Thermal Discharging
SAV069	995	'43768150_/_5699044'		0.17	0.63	3.33	0.09	0.2	1.01	1.18 No	0.09 Thermal Discharging
SAV069	996	'49472691_/_49472688'		0.6	1.9	10	0.15	3.4	3.15	2.49 No	0.15 Thermal Discharging
SAV069	997	'43617560_/_4978622'		0.17	0.63	3.33	0.01	0.2	1.01	1.18 No	0.01 Thermal Discharging
SAV069	998	'5709267_/_5709264'		0.17	0.63	3.33	0.01	0.7	0.99	1.18 No	0.01 Thermal Discharging
SAV069	999	'5704375_/_5704373'		0.17	0.63	3.33	0.09	0.9	0.99	1.18 No	0.09 Thermal Discharging
SAV069	1000	'43767028_/_43767030'		0.17	0.63	3.33	0.01	0.7	0.98	1.18 No	0.01 Thermal Discharging
SAV069	1001	'4984633_/_4992753'		0.17	0.63	3.33	0.01	0.2	0.99	1.18 No	0.01 Thermal Discharging
SAV069	1002	'5703868_/_5703865'		0.17	0.63	3.33	0	1.1	0.98	1.18 No	0 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SAV069	1003	'43768155_/_43768152'	0.17	0.63	3.33	0.09	0.2	0.99	1.18 No	0.09	Thermal Discharging
SAV069	1004	'5709047_/_5709057'	0.17	0.63	3.33	0.09	0.2	0.98	1.18 No	0.09	Thermal Discharging
SAV069	1005	'49472704_/_49472701'	0.6	1.9	10	0.15	3.4	3.06	2.49 No	0.15	Thermal Discharging
SAV069	1006	'43766808_/_5710206'	0.17	0.6	3.33	0.09	0.2	0.98	1.18 No	0.09	Thermal Discharging
SAV069	1007	'5709102_/_5709099'	0.17	0.6	3.33	0.09	0.2	0.97	1.18 No	0.09	Thermal Discharging
SAV069	1008	'5714993_/_5714990'	0.17	0.6	3.33	0.01	0.7	0.97	1.18 No	0.01	Thermal Discharging
SAV069	1009	'4994369_/_43617562'	0.17	0.6	3.33	0.01	0.2	0.97	1.18 No	0.01	Thermal Discharging
SAV069	1010	'4984634_/_4984631'	0.17	0.6	3.33	0.01	0.2	0.97	1.18 No	0.01	Thermal Discharging
SAV069	1011	'5709160_/_5709199'	0.17	0.6	3.33	0.01	0.7	0.96	1.18 No	0.01	Thermal Discharging
SAV069	1012	'5703842_/_5703878'	0.17	0.6	3.33	0	1.1	0.95	1.18 No	0	Thermal Discharging
SAV069	1013	'4984620_/_4994379'	0.17	0.6	3.33	0.01	0.2	0.96	1.18 No	0.01	Thermal Discharging
SAV069	1014	'66914398_/_66914395'	0.6	1.8	10	0.15	3.4	2.99	2.49 No	0.15	Thermal Discharging
SAV069	1015	'5703829_/_5703839'	0.17	0.6	3.33	0	1.1	0.95	1.18 No	0	Thermal Discharging
SAV069	1016	'5709159_/_5709157'	0.17	0.6	3.33	0.01	0.7	0.95	1.18 No	0.01	Thermal Discharging
SAV069	1017	'43767017_/_5709170'	0.17	0.6	3.33	0.01	0.7	0.95	1.18 No	0.01	Thermal Discharging
SAV069	1018	'4984647_/_4984644'	0.17	0.6	3.33	0.01	0.2	0.95	1.18 No	0.01	Thermal Discharging
SAV069	1019	'49472717_/_49472714'	0.6	1.8	10	0.15	3.4	2.95	2.49 No	0.15	Thermal Discharging
SAV069	1020	'5709186_/_43767019'	0.17	0.6	3.33	0.01	0.1	0.94	1.18 No	0.01	Thermal Discharging
SAV069	1021	'5709118_/_5709115'	0.17	0.6	3.33	0.09	0.2	0.94	1.18 No	0.09	Thermal Discharging
SAV069	1022	'5703828_/_5703826'	0.17	0.6	3.33	0	1.1	0.93	1.18 No	0	Thermal Discharging
SAV069	1023	'4984621_/_4984618'	0.17	0.6	3.33	0.01	0.2	0.94	1.18 No	0.01	Thermal Discharging
SAV069	1024	'5709034_/_5709044'	0.17	0.6	3.33	0.09	0.2	0.94	1.18 No	0.09	Thermal Discharging
SAV069	1025	'7410647_/_7410661'	0.17	0.6	3.33	0.09	0.2	0.94	1.18 No	0.09	Thermal Discharging
SAV069	1026	'465460637_/_465460424'	0.6	1.8	10	0.15	3.4	2.92	2.49 No	0.15	Thermal Discharging
SAV069	1027	'471440259_/_66914788'	0.6	1.8	10	0.15	3.4	2.9	2.49 No	0.15	Thermal Discharging
SAV069	1028	'5708872_/_5708869'	0.17	0.6	3.33	0.09	0.2	0.93	1.18 No	0.09	Thermal Discharging
SAV069	1029	'465460679_/_465460676'	0.6	1.7	10	0.15	3.4	2.88	2.49 No	0.15	Thermal Discharging
SAV069	1030	'66914813_/_471440263'	0.6	1.7	10	0.15	3.4	2.88	2.49 No	0.15	Thermal Discharging
SAV069	1031	'465460697_/_465460694'	0.6	1.7	10	0.15	3.4	2.88	2.49 No	0.15	Thermal Discharging
SAV069	1032	'69565365_/_465460641'	0.6	1.7	10	0.15	3.4	2.87	2.49 No	0.15	Thermal Discharging
SAV069	1033	'7410695_/_7410693'	0.17	0.57	3.33	0.01	0.1	0.92	1.18 No	0.01	Thermal Discharging
SAV069	1034	'465460238_/_69565362'	0.6	1.7	10	0.15	3.4	2.86	2.49 No	0.15	Thermal Discharging
SAV069	1035	'716437930_/_716437883_1'	0.13	0.5	3.33	0.09	0.1	0.91	1.18 No	0.09	Thermal Discharging
SAV069	1036	'69565396_/_465460244'	0.6	1.7	10	0.15	3.4	2.85	2.49 No	0.15	Thermal Discharging
SAV069	1037	'7410648_/_7410645'	0.17	0.57	3.33	0.09	0.1	0.91	1.18 No	0.09	Thermal Discharging
SAV069	1038	'43767614_/_5703930'	0.17	0.57	3.33	0	1.1	0.91	1.18 No	0	Thermal Discharging
SAV069	1039	'69564972_/_69565393'	0.6	1.7	10	0.15	3.4	2.84	2.49 No	0.15	Thermal Discharging
SAV069	1040	'498427394_/_498427570'	0.6	1.7	10	0.15	3.4	2.82	2.49 No	0.15	Thermal Discharging
SAV069	1041	'43767613_/_5703372'	0.13	0.57	3.33	0	1.1	0.89	1.18 No	0	Thermal Discharging
SAV069	1042	'7410680_/_7410677'	0.13	0.57	3.33	0.09	0.1	0.9	1.18 No	0.09	Thermal Discharging
SAV069	1043	'5700206_/_5709031'	0.13	0.57	3.33	0.09	0.2	0.9	1.18 No	0.09	Thermal Discharging
SAV069	1044	'5708885_/_5708882'	0.13	0.57	3.33	0.09	0.2	0.89	1.18 No	0.09	Thermal Discharging
SAV069	1045	'498427412_/_498427588'	0.5	1.6	10	0.15	3.4	2.73	2.49 No	0.15	Thermal Discharging
SAV069	1046	'5708898_/_5708895'	0.13	0.53	3.33	0.09	0.1	0.88	1.18 No	0.09	Thermal Discharging
SAV069	1047	'5700193_/_5700203'	0.13	0.53	3.33	0.09	0.2	0.87	1.18 No	0.09	Thermal Discharging
SAV069	1048	'5708910_/_5708908'	0.13	0.53	3.33	0.09	0.1	0.88	1.18 No	0.09	Thermal Discharging
SAV069	1049	'5700192_/_5700190'	0.13	0.53	3.33	0.09	0.2	0.87	1.18 No	0.09	Thermal Discharging
SAV069	1050	'43767308_/_5709128'	0.13	0.53	3.33	0.09	0.2	0.85	1.18 No	0.09	Thermal Discharging
SAV069	1051	'498427430_/_498427606'	0.5	1.6	10	0.15	3.4	2.64	2.49 No	0.15	Thermal Discharging
SAV069	1052	'43767319_/_43767310'	0.13	0.53	3.33	0.09	0.2	0.84	1.18 No	0.09	Thermal Discharging
SAV069	1053	'5708924_/_5708921'	0.13	0.53	3.33	0.09	0.1	0.84	1.18 No	0.09	Thermal Discharging
SAV069	1054	'43766797_/_7088618'	0.13	0.53	3.33	0.09	0.2	0.84	1.18 No	0.09	Thermal Discharging
SAV069	1055	'498427448_/_498427624'	0.5	1.5	10	0.15	3.4	2.57	2.49 No	0.15	Thermal Discharging
SAV069	1056	'43767331_/_43767321'	0.13	0.5	3.33	0.09	0.2	0.83	1.18 No	0.09	Thermal Discharging
SAV069	1057	'5709147_/_7724520_1'	0.13	0.5	3.33	0.09	0.1	0.83	1.18 No	0.09	Thermal Discharging
SAV069	1058	'5708937_/_5708934'	0.13	0.5	3.33	0.09	0.1	0.82	1.18 No	0.09	Thermal Discharging
SAV069	1059	'4981868_/_4981865'	0.13	0.5	3.33	0.09	0.2	0.82	1.18 No	0.09	Thermal Discharging
SAV069	1060	'498427466_/_498427642'	0.5	1.5	10	0.15	3.4	2.52	2.49 No	0.15	Thermal Discharging
SAV069	1061	'7724523_/_7724520_2'	0.13	0.5	3.33	0.09	0.1	0.8	1.18 No	0.09	Thermal Discharging
SAV069	1062	'43618805_/_4981878'	0.13	0.5	3.33	0.09	0.2	0.8	1.18 No	0.09	Thermal Discharging
SAV069	1063	'498427484_/_498427668'	0.5	1.5	10	0.15	3.4	2.45	2.49 No	0.15	Thermal Discharging
SAV069	1064	'498427693_/_498427690'	0.5	1.4	10	0.15	3.4	2.38	2.49 No	0.15	Thermal Discharging
SAV069	1065	'4981894_/_43618807'	0.13	0.47	3.33	0.09	0.2	0.77	1.18 No	0.09	Thermal Discharging
SAV069	1066	'43618794_/_4981904'	0.13	0.47	3.33	0.09	0.2	0.74	1.18 No	0.09	Thermal Discharging
SAV069	1067	'4981907_/_43618796'	0.1	0.43	3.33	0.09	0.2	0.71	1.18 No	0.09	Thermal Discharging
SAV071	0	'SAV071_/_9120573'	10	10	10	1.76	10	10	10	1.76	Thermal Discharging
SAV071	1	'7852991_/_9120573'	10	10	10	1.76	10	10	10	1.76	Thermal Discharging
SAV071	2	'7852990_/_7852988'	10	10	10	1.76	10	10	10	1.76	Thermal Discharging
SAV071	3	'615945010_/_8176181_1'	10	10	10	1.76	10	10	10	1.76	Thermal Discharging
SAV071	4	'2617733_/_8176181_2'	10	10	10	1.76	10	10	10	1.76	Thermal Discharging
SAV071	5	'43175336_/_43175338'	10	10	10	1.76	10	10	10	1.76	Thermal Discharging
SAV071	6	'2617557_/_2617696'	10	10	10	1.76	10	10	10	1.76	Thermal Discharging
SAV071	7	'2617537_/_2617554_2'	10	10	10	1.76	10	10	10	1.76	Thermal Discharging
SAV071	8	'2607105_/_2617713'	10	10	10	1.76	10	10	10	1.76	Thermal Discharging
SAV071	9	'2607106_/_2607103'	10	10	10	1.76	10	10	10	1.76	Thermal Discharging
SAV071	10	'7226118_/_7226116_1'	3.33	3.33	3.33	0.59	0.5	3.33	1.35 No	0.5	Element Fault
SAV071	11	'3234955_/_7071566'	10	10	10	1.76	10	10	10	1.76	Thermal Discharging
SAV071	12	'3239895_/_3239892'	10	10	10	1.76	10	10	10	1.76	Thermal Discharging
SAV071	13	'3234956_/_3234970_1'	10	10	10	1.76	3.3	10	10	1.76	Thermal Discharging
SAV071	14	'3234919_/_3239912'	10	10	10	1.76	10	10	10	1.76	Thermal Discharging
SAV071	15	'454200583_/_3234935_1'	10	10	10	1.76	1.5	10	10	1.5	Element Fault
SAV071	16	'43282706_/_3239929'	10	10	10	1.76	10	10	10	1.76	Thermal Discharging
SAV071	17	'43282719_/_3239946'	10	10	10	1.76	10	10	10	1.76	Thermal Discharging
SAV071	18	'3234973_/_3234970_2'	10	10	10	1.76	3.3	10	10	1.76	Thermal Discharging
SAV071	19	'7226119_/_7226116_2'	3.33	3.33	3.33	0.59	0.5	3.33	1.35 No	0.5	Element Fault
SAV071	20	'3239966_/_3239963'	10	10	10	1.76	10	10	10	1.76	Thermal Discharging
SAV071	21	'43282694_/_3234935_2'	10	10	10	1.76	1.5	10	10	1.5	Element Fault
SAV071	22	'3239983_/_3239980'	10	10	10	1.76	10	10	10	1.76	Thermal Discharging
SAV071	23	'7877806_/_8200491_1'	10	10	10	1.76	10	10	10	1.76	Thermal Discharging
SAV071	24	'546668414_/_546668344_2'	10	10	10	1.76	5.5	10	10	1.76	Thermal Discharging
SAV071	25	'43284745_/_3240000'	10	10	10	1.76	10	10	10	1.76	Thermal Discharging
SAV071	26	'156012704_/_3235152_2'	10	10	10	1.76	4.9	10	10	1.76	Thermal Discharging
SAV071	27	'3235154_/_3235152_1'	10	10	10	1.76	1.7	10	10	1.7	Element Fault
SAV071	28	'43284686_/_3242627'	7.7	10	10	1.76	3.3	10	10	1.76	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SAV071	29	'7877166_/_546668344_1'		7.4	10	10	1.76	1	10	4.04 No	1 Element Fault
SAV071	30	'3234905_/_3234902'		7.2	10	10	1.76	1.5	10	4.04 No	1.5 Element Fault
SAV071	31	'3234995_/_3242644'		7	10	10	1.76	3.3	10	4.04 No	1.76 Thermal Discharging
SAV071	32	'8828297_/_9457610_1'		6.8	10	10	1.76	2.3	10	4.04 No	1.76 Thermal Discharging
SAV071	33	'9457613_/_9457610_2'		6.1	10	10	1.76	2.3	10	4.04 No	1.76 Thermal Discharging
SAV071	34	'3239692_/_3239749'		5.8	10	10	1.76	1.7	10	4.04 No	1.7 Element Fault
SAV071	35	'3234996_/_3234993'		5.4	10	10	1.76	3.3	10	4.04 No	1.76 Thermal Discharging
SAV071	36	'409129532_/_409129436_2'		5.7	10	10	1.76	1.7	10	4.04 No	1.7 Element Fault
SAV071	37	'8510378_/_457350699'		5.6	10	10	1.76	1	10	4.04 No	1 Element Fault
SAV071	38	'3239657_/_3239690'		5.4	10	10	1.76	1.7	10	4.04 No	1.7 Element Fault
SAV071	39	'7249290_/_8511807_2'		5.4	10	10	1.76	1.7	10	4.04 No	1.7 Element Fault
SAV071	40	'432438441_/_8200491_2'		5.8	10	10	1.76	10	10	4.04 No	1.76 Thermal Discharging
SAV071	41	'416388832_/_432438509'		5.8	10	10	1.76	10	10	4.04 No	1.76 Thermal Discharging
SAV071	42	'416388817_/_416388830'		5.8	10	10	1.76	10	10	4.04 No	1.76 Thermal Discharging
SAV071	43	'432438609_/_416388838'		5.8	10	10	1.76	10	10	4.04 No	1.76 Thermal Discharging
SAV071	44	'416388824_/_416388822'		5.8	10	10	1.76	10	10	4.04 No	1.76 Thermal Discharging
SAV071	45	'416388816_/_416388814'		5.8	10	10	1.76	5.2	10	4.04 No	1.76 Thermal Discharging
SAV071	46	'416389099_/_416389220'		5.8	10	10	1.76	5.2	10	4.04 No	1.76 Thermal Discharging
SAV071	47	'416389090_/_416389096'		5.8	10	10	1.76	5.2	10	4.04 No	1.76 Thermal Discharging
SAV071	48	'416389115_/_416389112'		5.8	10	10	1.76	5.2	10	4.04 No	1.76 Thermal Discharging
SAV071	49	'416389107_/_416389104'		5.8	10	10	1.76	5.2	10	4.04 No	1.76 Thermal Discharging
SAV071	50	'416389091_/_416389088'		5.8	10	10	1.76	5.2	10	4.04 No	1.76 Thermal Discharging
SAV071	51	'416389291_/_416389959'		5.6	10	10	1.76	10	10	4.04 No	1.76 Thermal Discharging
SAV071	52	'432438425_/_432438480'		5.6	10	10	1.76	5.2	10	4.04 No	1.76 Thermal Discharging
SAV071	53	'129185623_/_3239655'		4.9	10	10	1.76	1.7	10	4.04 No	1.7 Element Fault
SAV071	54	'432438409_/_432438460'		5.4	10	10	1.76	5.2	10	4.04 No	1.76 Thermal Discharging
SAV071	55	'432438648_/_416389813_2'		5.4	10	10	1.76	10	10	4.04 No	1.76 Thermal Discharging
SAV071	56	'416389503_/_416389813_1'		5.4	10	10	1.76	10	10	4.04 No	1.76 Thermal Discharging
SAV071	57	'129185663_/_129185660'		4.6	10	10	1.76	1.7	10	4.04 No	1.7 Element Fault
SAV071	58	'3242114_/_416389501'		5.2	10	10	1.76	10	10	4.04 No	1.76 Thermal Discharging
SAV071	59	'409129362_/_409129436_1'		4.5	10	10	1.76	1	10	4.04 No	1 Element Fault
SAV071	60	'3238423_/_3242134'		5.2	10	10	1.76	10	10	4.04 No	1.76 Thermal Discharging
SAV071	61	'8200270_/_8511363_1'		1.7	3.33	3.33	0.59	0.5	3.33	1.35 No	0.5 Element Fault
SAV071	62	'3238424_/_3238421'		5	10	10	1.76	10	10	4.04 No	1.76 Thermal Discharging
SAV071	63	'114371183_/_8772112_3'		5	10	10	1.76	10	10	4.04 No	1.76 Thermal Discharging
SAV071	64	'3238443_/_3238462'		4.9	10	10	1.76	10	10	4.04 No	1.76 Thermal Discharging
SAV071	65	'8200453_/_575952996'		4.2	10	10	1.76	1	10	4.04 No	1 Element Fault
SAV071	66	'8829921_/_9143889_1'		4.9	10	10	1.76	1.5	10	4.04 No	1.5 Element Fault
SAV071	67	'613069061_/_7566120'		4.6	10	10	1.76	5.2	10	4.04 No	1.76 Thermal Discharging
SAV071	68	'613069038_/_613068898'		4.6	10	10	1.76	5.2	10	4.04 No	1.76 Thermal Discharging
SAV071	69	'613069140_/_613068886'		4.6	10	10	1.76	5.2	10	4.04 No	1.76 Thermal Discharging
SAV071	70	'613069047_/_613068968'		4.6	10	10	1.76	5.2	10	4.04 No	1.76 Thermal Discharging
SAV071	71	'37663958_/_613068892'		4.6	10	10	1.76	5.2	10	4.04 No	1.76 Thermal Discharging
SAV071	72	'3238444_/_3238441'		3.13	6.67	6.67	1.18	3.1	6.67	2.69 No	1.18 Thermal Discharging
SAV071	73	'7878155_/_8511807_1'		4	10	10	1.76	1	10	4.04 No	1 Element Fault
SAV071	74	'9142641_/_9458448'		3.9	10	10	1.76	1	10	4.04 No	1 Element Fault
SAV071	75	'9143871_/_9143889_2'		4.3	10	10	1.76	1.5	10	4.04 No	1.5 Element Fault
SAV071	76	'7470151_/_9142639'		3.7	10	10	1.76	1	10	4.04 No	1 Element Fault
SAV071	77	'577873293_/_8772112_2'		4.3	10	10	1.76	10	10	4.04 No	1.76 Thermal Discharging
SAV071	78	'3241924_/_8772112_1'		4.3	10	10	1.76	10	10	4.04 No	1.76 Thermal Discharging
SAV071	79	'3241941_/_3241938'		4.3	10	10	1.76	10	10	4.04 No	1.76 Thermal Discharging
SAV071	80	'3237399_/_3241921'		4.2	10	10	1.76	10	10	4.04 No	1.76 Thermal Discharging
SAV071	81	'64195302_/_64195305'		3.6	10	10	1.76	1	10	4.04 No	1 Element Fault
SAV071	82	'8511366_/_8511363_2'		1.37	3.33	3.33	0.59	0.5	3.33	1.35 No	0.5 Element Fault
SAV071	83	'3241958_/_3241955'		4.2	10	10	1.76	10	10	4.04 No	1.76 Thermal Discharging
SAV071	84	'58085169_/_58085120_1'		4.2	10	10	1.76	1.7	10	4.04 No	1.7 Element Fault
SAV071	85	'577873283_/_3237432_1'		1.4	3.33	3.33	0.59	0.5	3.33	1.35 No	0.5 Element Fault
SAV071	86	'7877786_/_7878153'		3.5	10	10	1.76	1	10	4.04 No	1 Element Fault
SAV071	87	'3241974_/_3242171'		4.2	10	10	1.76	10	10	4.04 No	1.76 Thermal Discharging
SAV071	88	'433515609_/_433515551'		2.53	6.67	6.67	1.18	1	6.67	2.69 No	1 Element Fault
SAV071	89	'7877785_/_7877783'		3.5	10	10	1.76	1	10	4.04 No	1 Element Fault
SAV071	90	'43283795_/_3241972'		4.1	10	10	1.76	10	10	4.04 No	1.76 Thermal Discharging
SAV071	91	'64195376_/_64195383'		3.4	10	10	1.76	1	10	4.04 No	1 Element Fault
SAV071	92	'3237435_/_3237432_2'		1.33	3.33	3.33	0.59	0.5	3.33	1.35 No	0.5 Element Fault
SAV071	93	'43283782_/_43283797'		4	10	10	1.76	10	10	4.04 No	1.76 Thermal Discharging
SAV071	94	'433515547_/_9143869'		3.8	10	10	1.76	1.5	10	4.04 No	1.5 Element Fault
SAV071	95	'3237382_/_3237396'		3.9	10	10	1.76	4.8	10	4.04 No	1.76 Thermal Discharging
SAV071	96	'577873273_/_7249474_1'		3.9	10	10	1.76	1.5	10	4.04 No	1.5 Element Fault
SAV071	97	'58085113_/_58085120_2'		3.9	10	10	1.76	1.7	10	4.04 No	1.7 Element Fault
SAV071	98	'3241995_/_3241992'		3.9	10	10	1.76	10	10	4.04 No	1.76 Thermal Discharging
SAV071	99	'8512388_/_8512385'		3.7	10	10	1.76	4.4	10	4.04 No	1.76 Thermal Discharging
SAV071	100	'3242012_/_3242009'		3.8	10	10	1.76	10	10	4.04 No	1.76 Thermal Discharging
SAV071	101	'68461375_/_9142855'		3.6	10	10	1.76	5.2	10	4.04 No	1.76 Thermal Discharging
SAV071	102	'3242029_/_3242026'		3.8	10	10	1.76	10	10	4.04 No	1.76 Thermal Discharging
SAV071	103	'64195335_/_64195396'		3.1	10	10	1.76	1	10	4.04 No	1 Element Fault
SAV071	104	'525394232_/_525393785_2'		3.7	10	10	1.76	5.4	10	4.04 No	1.76 Thermal Discharging
SAV071	105	'7565268_/_575952979'		3.1	10	10	1.76	1	10	4.04 No	1 Element Fault
SAV071	106	'7249477_/_7249474_2'		3.7	10	10	1.76	1.5	10	4.04 No	1.5 Element Fault
SAV071	107	'43283769_/_3242043'		3.7	10	10	1.76	10	10	4.04 No	1.76 Thermal Discharging
SAV071	108	'427595408_/_427595366_2'		3.7	10	10	1.76	1.5	10	4.04 No	1.5 Element Fault
SAV071	109	'43284092_/_43284094'		3.6	10	10	1.76	4.7	10	4.04 No	1.76 Thermal Discharging
SAV071	110	'737413550_/_737413566'		3	10	10	1.76	1	10	4.04 No	1 Element Fault
SAV071	111	'3242063_/_43283771'		3.6	10	10	1.76	10	10	4.04 No	1.76 Thermal Discharging
SAV071	112	'58085081_/_58085179'		3.6	10	10	1.76	1.7	10	4.04 No	1.7 Element Fault
SAV071	113	'3237448_/_3237445'		1.2	3.33	3.33	0.59	0.5	3.33	1.35 No	0.5 Element Fault
SAV071	114	'3241785_/_3242077'		3.6	9.9	10	1.76	10	10	4.04 No	1.76 Thermal Discharging
SAV071	115	'737413595_/_737413625'		2.9	9.9	10	1.76	1	10	4.04 No	1 Element Fault
SAV071	116	'7566083_/_8200391_1'		3.6	9.9	10	1.76	1.5	10	4.04 No	1.5 Element Fault
SAV071	117	'9143851_/_433515613'		3.4	9.8	10	1.76	1.5	10	4.04 No	1.5 Element Fault
SAV071	118	'43283756_/_43283758'		3.5	9.8	10	1.76	10	10	4.04 No	1.76 Thermal Discharging
SAV071	119	'3241768_/_3241765_2'		3.5	9.8	10	1.76	10	10	4.04 No	1.76 Thermal Discharging
SAV071	120	'8200513_/_8511561'		2.9	9.7	10	1.76	1	10	4.04 No	1 Element Fault
SAV071	121	'7565328_/_8511445'		3.3	9.7	10	1.76	5.2	10	4.04 No	1.76 Thermal Discharging
SAV071	122	'3241748_/_3241765_1'		3.5	9.7	10	1.76	10	10	4.04 No	1.76 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
											VSR (MW)	Limiting Threshold
SAV071	123	'8200353_/8200351_1'		3.4	9.6	10	1.76	1.6	10	4.04 No	1.6	Element Fault
SAV071	124	'43283666_/43283668'		3.4	9.5	10	1.76	10	10	4.04 No	1.76	Thermal Discharging
SAV071	125	'120989506_/120989511'		3.2	9.4	10	1.76	5.2	10	4.04 No	1.76	Thermal Discharging
SAV071	126	'9063221_/9143849'		3.2	9.3	10	1.76	1.5	10	4.04 No	1.5	Element Fault
SAV071	127	'3241714_/3241728'		3.3	9.3	10	1.76	10	10	4.04 No	1.76	Thermal Discharging
SAV071	128	'7249545_/525393785_1'		3.3	9.3	10	1.76	1.5	10	4.04 No	1.5	Element Fault
SAV071	129	'3236437_/3241711'		3.3	9.2	10	1.76	10	10	4.04 No	1.76	Thermal Discharging
SAV071	130	'43283653_/43283655'		3.2	9	10	1.76	10	10	4.04 No	1.76	Thermal Discharging
SAV071	131	'8115173_/9063219'		3.1	8.9	10	1.76	1.5	10	4.04 No	1.5	Element Fault
SAV071	132	'102356078_/58085083'		3.2	8.9	10	1.76	1.7	10	4.04 No	1.7	Element Fault
SAV071	133	'3241663_/3241677'		3.2	8.9	10	1.76	10	10	4.04 No	1.76	Thermal Discharging
SAV071	134	'68461473_/68461484'		3	8.8	10	1.76	5.2	10	4.04 No	1.76	Thermal Discharging
SAV071	135	'8746182_/8115170'		3.1	8.8	10	1.76	1.5	10	4.04 No	1.5	Element Fault
SAV071	136	'8200354_/8200351_2'		3.2	8.8	10	1.76	1.6	10	4.04 No	1.6	Element Fault
SAV071	137	'43283640_/43283642'		3.1	8.7	10	1.76	10	10	4.04 No	1.76	Thermal Discharging
SAV071	138	'43283627_/43283629'		3.1	8.6	10	1.76	10	10	4.04 No	1.76	Thermal Discharging
SAV071	139	'3241645_/3241643'		3.1	8.5	10	1.76	10	10	4.04 No	1.76	Thermal Discharging
SAV071	140	'7249685_/525393802'		2	5.67	6.67	1.18	1	6.67	2.69 No	1	Element Fault
SAV071	141	'90728325_/90728330'		2.3	6.5	10	1.76	1.7	10	4.04 No	1.7	Element Fault
SAV071	142	'3238889_/3242205'		3	8.4	10	1.76	10	10	4.04 No	1.76	Thermal Discharging
SAV071	143	'7249665_/8200391_2'		3	8.3	10	1.76	1.5	10	4.04 No	1.5	Element Fault
SAV071	144	'3242224_/3242222'		3	8.2	10	1.76	10	10	4.04 No	1.76	Thermal Discharging
SAV071	145	'3242296_/3242310'		2.9	8.1	10	1.76	10	10	4.04 No	1.76	Thermal Discharging
SAV071	146	'7566726_/8200813'		2.4	8.1	10	1.76	1	10	4.04 No	1	Element Fault
SAV071	147	'7565309_/561518932'		2.4	8	10	1.76	1	10	4.04 No	1	Element Fault
SAV071	148	'43284435_/43284437'		2.9	8	10	1.76	10	10	4.04 No	1.76	Thermal Discharging
SAV071	149	'433515526_/433515589'		1	2.67	3.33	0.59	0.5	3.33	1.35 No	0.5	Element Fault
SAV071	150	'525394364_/9142763'		2.8	7.9	10	1.76	1.5	10	4.04 No	1.5	Element Fault
SAV071	151	'3242245_/3242276'		2.9	7.9	10	1.76	10	9.91	4.04 No	1.76	Thermal Discharging
SAV071	152	'3238927_/3242242'		2.8	7.8	10	1.76	10	9.82	4.04 No	1.76	Thermal Discharging
SAV071	153	'8200206_/8200203_2'		0.93	2.6	3.33	0.59	1.4	3.27	1.35 No	0.59	Thermal Discharging
SAV071	154	'3238985_/3242259'		2.8	7.8	10	1.76	10	9.72	4.04 No	1.76	Thermal Discharging
SAV071	155	'7470152_/7470149'		2.3	7.8	10	1.76	1	10	4.04 No	1	Element Fault
SAV071	156	'3242330_/3242347'		2.8	7.6	10	1.76	10	9.6	4.04 No	1.76	Thermal Discharging
SAV071	157	'68461422_/68461502'		2.6	7.6	10	1.76	5.2	10	4.04 No	1.76	Thermal Discharging
SAV071	158	'8200373_/504926004'		2.7	7.6	10	1.76	1.6	10	4.04 No	1.6	Element Fault
SAV071	159	'3242329_/3242327'		2.7	7.6	10	1.76	10	9.51	4.04 No	1.76	Thermal Discharging
SAV071	160	'525394461_/525393847'		1.73	4.93	6.67	1.18	1	6.67	2.69 No	1	Element Fault
SAV071	161	'2608735_/7071676'		2.7	7.5	10	1.76	10	9.44	4.04 No	1.76	Thermal Discharging
SAV071	162	'90728369_/90728447'		2.3	6.5	10	1.76	1.7	10	4.04 No	1.7	Element Fault
SAV071	163	'120989631_/120989661'		2.6	7.5	10	1.76	5.2	10	4.04 No	1.76	Thermal Discharging
SAV071	164	'2608718_/2608732'		2.7	7.4	10	1.76	10	9.36	4.04 No	1.76	Thermal Discharging
SAV071	165	'525394435_/525393836'		2.6	7.4	10	1.76	1.5	9.93	4.04 No	1.5	Element Fault
SAV071	166	'7249604_/68461427'		2.5	7.4	10	1.76	5.2	10	4.04 No	1.76	Thermal Discharging
SAV071	167	'7249664_/7249662'		2.6	7.3	10	1.76	1.5	9.77	4.04 No	1.5	Element Fault
SAV071	168	'2604754_/2608715'		2.6	7.3	10	1.76	10	9.22	4.04 No	1.76	Thermal Discharging
SAV071	169	'8200205_/8200203_1'		0.87	2.43	3.33	0.59	0.5	3.12	1.35 No	0.5	Element Fault
SAV071	170	'120989593_/120989642'		2.5	7.3	10	1.76	5.2	10	4.04 No	1.76	Thermal Discharging
SAV071	171	'43176172_/43176174'		2.6	7.2	10	1.76	10	9.1	4.04 No	1.76	Thermal Discharging
SAV071	172	'7249926_/7566724'		2.2	7.2	10	1.76	1	10	4.04 No	1	Element Fault
SAV071	173	'7249927_/291324519'		2.1	7.1	10	1.76	1	10	4.04 No	1	Element Fault
SAV071	174	'2604822_/2608681'		2.6	7.1	10	1.76	10	9.02	4.04 No	1.76	Thermal Discharging
SAV071	175	'553378264_/43176137'		2.6	7.1	10	1.76	10	9.02	4.04 No	1.76	Thermal Discharging
SAV071	176	'36337234_/8746180'		2.5	7.1	10	1.76	1.5	9.87	4.04 No	1.5	Element Fault
SAV071	177	'9143054_/291324539'		2.1	7.1	10	1.76	1	10	4.04 No	1	Element Fault
SAV071	178	'8511773_/575953013'		2.1	7.1	10	1.76	1	10	4.04 No	1	Element Fault
SAV071	179	'553378801_/553378539'		2.5	7.1	10	1.76	10	8.95	4.04 No	1.76	Thermal Discharging
SAV071	180	'553378837_/553378843'		2.5	7	10	1.76	10	8.93	4.04 No	1.76	Thermal Discharging
SAV071	181	'553378441_/553378445'		2.5	7	10	1.76	10	8.88	4.04 No	1.76	Thermal Discharging
SAV071	182	'553378723_/553378674_1'		2.5	6.9	10	1.76	1.5	8.84	4.04 No	1.5	Element Fault
SAV071	183	'434364381_/91063321'		2.5	6.9	10	1.76	10	8.8	4.04 No	1.76	Thermal Discharging
SAV071	184	'553378203_/553378674_2'		2.5	6.9	10	1.76	1.5	8.78	4.04 No	1.5	Element Fault
SAV071	185	'149884859_/149884785_1'		0.83	2.3	3.33	0.59	0.8	2.85	1.35 No	0.59	Thermal Discharging
SAV071	186	'2608613_/2608630'		2.5	6.9	10	1.76	10	8.74	4.04 No	1.76	Thermal Discharging
SAV071	187	'8200414_/8200411_1'		2.4	6.8	10	1.76	1.5	9.21	4.04 No	1.5	Element Fault
SAV071	188	'2608596_/2608610'		2.4	6.8	10	1.76	10	8.64	4.04 No	1.76	Thermal Discharging
SAV071	189	'3236438_/3236448_1'		0.83	2.23	3.33	0.59	0.8	2.8	1.35 No	0.59	Thermal Discharging
SAV071	190	'2608579_/2608593'		2.4	6.7	10	1.76	10	8.54	4.04 No	1.76	Thermal Discharging
SAV071	191	'90728289_/90728398'		2.3	6.5	10	1.76	1.7	9.33	4.04 No	1.7	Element Fault
SAV071	192	'8829078_/9142819'		0.8	2.23	3.33	0.59	0.5	2.91	1.35 No	0.5	Element Fault
SAV071	193	'2608562_/2608576'		2.4	6.6	10	1.76	10	8.44	4.04 No	1.76	Thermal Discharging
SAV071	194	'2608561_/2608559'		2.3	6.5	10	1.76	10	8.34	4.04 No	1.76	Thermal Discharging
SAV071	195	'8828986_/102356101'		0.77	2.17	3.33	0.59	0.57	2.99	1.35 No	0.57	Element Fault
SAV071	196	'7565982_/102356126'		2.3	6.5	10	1.76	1.7	9.12	4.04 No	1.7	Element Fault
SAV071	197	'8755383_/8755380'		1.9	6.5	10	1.76	1	9.41	4.04 No	1	Element Fault
SAV071	198	'7485899_/44084491'		2.2	6.5	10	1.76	1.5	9.16	4.04 No	1.5	Element Fault
SAV071	199	'102356079_/8828984'		0.77	2.17	3.33	0.59	0.57	2.97	1.35 No	0.57	Element Fault
SAV071	200	'2617886_/2617900_2'		2.3	6.4	10	1.76	10	8.25	4.04 No	1.76	Thermal Discharging
SAV071	201	'43177621_/2617900_1'		2.3	6.4	10	1.76	10	8.24	4.04 No	1.76	Thermal Discharging
SAV071	202	'3236451_/3236448_2'		0.8	2.13	3.33	0.59	0.8	2.69	1.35 No	0.59	Thermal Discharging
SAV071	203	'2617869_/2617883'		2.3	6.3	10	1.76	10	8.11	4.04 No	1.76	Thermal Discharging
SAV071	204	'2617852_/2617866'		2.2	6.2	10	1.76	10	8.03	4.04 No	1.76	Thermal Discharging
SAV071	205	'8200185_/525393898'		1.4	3.87	6.67	1.18	1	5.84	2.69 No	1	Element Fault
SAV071	206	'583327932_/7249602'		2.1	6.2	10	1.76	5.2	8.99	4.04 No	1.76	Thermal Discharging
SAV071	207	'483760659_/483760663'		2.1	6.2	10	1.76	5.2	8.96	4.04 No	1.76	Thermal Discharging
SAV071	208	'374754580_/3238912_1'		0.77	2.07	3.33	0.59	0.5	2.56	1.35 No	0.5	Element Fault
SAV071	209	'7485898_/7485896'		2.1	6.2	10	1.76	1.5	8.86	4.04 No	1.5	Element Fault
SAV071	210	'483760478_/483760731'		2.1	6.2	10	1.76	5.2	8.95	4.04 No	1.76	Thermal Discharging
SAV071	211	'483760443_/483760475'		2.1	6.2	10	1.76	5.2	8.95	4.04 No	1.76	Thermal Discharging
SAV071	212	'483760472_/483760469'		2.1	6.2	10	1.76	5.2	8.95	4.04 No	1.76	Thermal Discharging
SAV071	213	'483760466_/483760463'		2.1	6.2	10	1.76	2.4	8.95	4.04 No	1.76	Thermal Discharging
SAV071	214	'483760677_/483760758'		2.1	6.2	10	1.76	5.2	8.94	4.04 No	1.76	Thermal Discharging
SAV071	215	'120989543_/120989604'		2.1	6.2	10	1.76	5.2	8.92	4.04 No	1.76	Thermal Discharging
SAV071	216	'43176089_/2617849'		2.2	6.2	10	1.76	10	7.93	4.04 No	1.76	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SAV071	217	'8200036_/8828628_1'	0.73	2.03	3.33	0.59	0.5	2.55	1.35 No	0.5	Element Fault
SAV071	218	'43176148_/2651778'	1.53	4.07	6.67	1.18	2.5	5.37	2.69 No	1.18	Thermal Discharging
SAV071	219	'8118021_/8118018'	2.1	6.1	10	1.76	1.5	8.75	4.04 No	1.5	Element Fault
SAV071	220	'374754593_/3238912_2'	0.77	2.03	3.33	0.59	0.5	2.53	1.35 No	0.5	Element Fault
SAV071	221	'2608528_/2608542'	2.2	6.1	10	1.76	10	7.83	4.04 No	1.76	Thermal Discharging
SAV071	222	'7249605_/583327998'	2.1	6	10	1.76	5.2	8.77	4.04 No	1.76	Thermal Discharging
SAV071	223	'64367359_/2651793_1'	1.53	4	6.67	1.18	2.4	5.32	2.69 No	1.18	Thermal Discharging
SAV071	224	'331189799_/331189797'	2.2	6	10	1.76	10	7.78	4.04 No	1.76	Thermal Discharging
SAV071	225	'331189496_/331189493'	2.1	6	10	1.76	10	7.72	4.04 No	1.76	Thermal Discharging
SAV071	226	'92511941_/9142727'	1.6	4.5	10	1.76	1.7	8.55	4.04 No	1.6	Primary Over-Voltage
SAV071	227	'8829079_/8829076'	0.7	1.97	3.33	0.59	0.5	2.68	1.35 No	0.5	Element Fault
SAV071	228	'331189516_/331189513'	2.1	5.9	10	1.76	10	7.68	4.04 No	1.76	Thermal Discharging
SAV071	229	'9142806_/9142803'	1.4	3.87	6.67	1.18	1	5.61	2.69 No	1	Element Fault
SAV071	230	'331189536_/331189533'	2.1	5.9	10	1.76	10	7.65	4.04 No	1.76	Thermal Discharging
SAV071	231	'7249720_/9145547'	1.8	5.9	10	1.76	1	8.71	4.04 No	1	Element Fault
SAV071	232	'3238915_/3238912_3'	0.73	1.97	3.33	0.59	0.5	2.47	1.35 No	0.5	Element Fault
SAV071	233	'102357065_/525393909'	1.4	3.87	6.67	1.18	1	5.57	2.69 No	1	Element Fault
SAV071	234	'331189352_/331189559'	2.1	5.9	10	1.76	10	7.6	4.04 No	1.76	Thermal Discharging
SAV071	235	'525394460_/525393864'	2.1	5.8	10	1.76	1.5	8.27	4.04 No	1.5	Element Fault
SAV071	236	'2608460_/331189349'	2.1	5.8	10	1.76	10	7.52	4.04 No	1.76	Thermal Discharging
SAV071	237	'92511900_/102357232'	1.07	3	6.67	1.18	1.13	5.54	2.69 No	1.07	Primary Over-Voltage
SAV071	238	'102357698_/92511908_1'	1	2.8	6.67	1.18	1.13	5.53	2.69 No	1	Primary Over-Voltage
SAV071	239	'7249701_/7249718'	1.7	5.8	10	1.76	1	8.56	4.04 No	1	Element Fault
SAV071	240	'2608459_/2608457'	2.1	5.7	10	1.76	10	7.46	4.04 No	1.76	Thermal Discharging
SAV071	241	'3238928_/3238938_1'	0.7	1.9	3.33	0.59	0.5	2.37	1.35 No	0.5	Element Fault
SAV071	242	'2605503_/2608806'	2	5.7	10	1.76	10	7.39	4.04 No	1.76	Thermal Discharging
SAV071	243	'102359227_/7565926'	1.07	3	6.67	1.18	1.13	5.45	2.69 No	1.07	Primary Over-Voltage
SAV071	244	'7249700_/7249698'	1.7	5.7	10	1.76	1	8.41	4.04 No	1	Element Fault
SAV071	245	'3238969_/3238967_1'	0.7	1.9	3.33	0.59	0.5	2.34	1.35 No	0.5	Element Fault
SAV071	246	'3236464_/3236461'	0.7	1.87	3.33	0.59	0.8	2.47	1.35 No	0.59	Thermal Discharging
SAV071	247	'43183701_/2608749'	2	5.6	10	1.76	10	7.32	4.04 No	1.76	Thermal Discharging
SAV071	248	'43176160_/2651793_2'	1.4	3.73	6.67	1.18	2.4	5.04	2.69 No	1.18	Thermal Discharging
SAV071	249	'2652124_/2652122'	2	5.6	10	1.76	10	7.24	4.04 No	1.76	Thermal Discharging
SAV071	250	'8828631_/8828628_2'	0.67	1.83	3.33	0.59	0.5	2.38	1.35 No	0.5	Element Fault
SAV071	251	'9120320_/9120333_1'	0.7	1.83	3.33	0.59	0.5	2.27	1.35 No	0.5	Element Fault
SAV071	252	'3238941_/3238938_2'	0.67	1.83	3.33	0.59	0.5	2.31	1.35 No	0.5	Element Fault
SAV071	253	'2671730_/2671728'	2	5.5	10	1.76	10	7.17	4.04 No	1.76	Thermal Discharging
SAV071	254	'43176053_/2605648'	1.33	3.8	6.67	1.18	3.2	4.83	2.69 No	1.18	Thermal Discharging
SAV071	255	'3238872_/3238870'	0.67	1.83	3.33	0.59	0.5	2.35	1.35 No	0.5	Element Fault
SAV071	256	'729893404_/2605666_1'	1.33	3.8	6.67	1.18	1.6	4.82	2.69 No	1.18	Thermal Discharging
SAV071	257	'9458252_/8511219'	0.73	1.83	3.33	0.59	0.5	2.52	1.35 No	0.5	Element Fault
SAV071	258	'2658480_/2671745'	2	5.4	10	1.76	10	7.1	4.04 No	1.76	Thermal Discharging
SAV071	259	'120698252_/149884785_2'	0.67	1.8	3.33	0.59	0.8	2.42	1.35 No	0.59	Thermal Discharging
SAV071	260	'49963061_/2658460_2'	1.9	5.4	10	1.76	10	7.08	4.04 No	1.76	Thermal Discharging
SAV071	261	'71903123_/71903130'	1.9	5.4	10	1.76	5.2	8.01	4.04 No	1.76	Thermal Discharging
SAV071	262	'54272235_/9458266'	0.73	1.83	3.33	0.59	0.5	2.5	1.35 No	0.5	Element Fault
SAV071	263	'2604755_/2604765_1'	0.67	1.77	3.33	0.59	0.5	2.2	1.35 No	0.5	Element Fault
SAV071	264	'8828256_/510216191'	1.3	3.7	10	1.76	4.2	7.89	4.04 No	1.3	Primary Over-Voltage
SAV071	265	'3238970_/3238967_2'	0.63	1.77	3.33	0.59	0.5	2.24	1.35 No	0.5	Element Fault
SAV071	266	'43284402_/3239035'	0.67	1.77	3.33	0.59	0.5	2.3	1.35 No	0.5	Element Fault
SAV071	267	'8108654_/9120333_2'	0.63	1.73	3.33	0.59	0.5	2.19	1.35 No	0.5	Element Fault
SAV071	268	'2604768_/2604765_2'	0.63	1.7	3.33	0.59	0.5	2.15	1.35 No	0.5	Element Fault
SAV071	269	'3236477_/3236474'	0.63	1.7	3.33	0.59	0.8	2.31	1.35 No	0.59	Thermal Discharging
SAV071	270	'2605240_/2605666_2'	1.27	3.4	6.67	1.18	1.6	4.58	2.69 No	1.18	Thermal Discharging
SAV071	271	'435492247_/429516296_1'	0.63	1.7	3.33	0.59	0.5	2.09	1.35 No	0.5	Element Fault
SAV071	272	'37626338_/8735324'	1.5	5.1	10	1.76	1	7.67	4.04 No	1	Element Fault
SAV071	273	'37626317_/37626342'	1.5	5.1	10	1.76	1	7.67	4.04 No	1	Element Fault
SAV071	274	'37626352_/37626349'	0.5	1.7	3.33	0.59	0.33	2.56	1.35 No	0.33	Element Fault
SAV071	275	'37626310_/37626314'	1.5	5.1	10	1.76	1	7.67	4.04 No	1	Element Fault
SAV071	276	'37626324_/37626321'	1.5	5.1	10	1.76	1	7.67	4.04 No	1	Element Fault
SAV071	277	'7251139_/56956304'	1.2	3.4	6.67	1.18	1	4.97	2.69 No	1	Element Fault
SAV071	278	'2604686_/43176162'	1.33	3.4	6.67	1.18	2.4	4.7	2.69 No	1.18	Thermal Discharging
SAV071	279	'511681154_/511680788_2'	0.63	1.67	3.33	0.59	1.4	2.07	1.35 No	0.59	Thermal Discharging
SAV071	280	'156471383_/156471401'	1.7	5	10	1.76	5.2	7.52	4.04 No	1.7	Primary Over-Voltage
SAV071	281	'435474172_/434364437_2'	0.77	1.67	3.33	0.59	1.5	2.07	1.35 No	0.59	Thermal Discharging
SAV071	282	'3238954_/3238951'	0.6	1.67	3.33	0.59	0.5	2.16	1.35 No	0.5	Element Fault
SAV071	283	'2609142_/7226522'	0.5	1.67	3.33	0.59	0.33	2.51	1.35 No	0.33	Element Fault
SAV071	284	'483760518_/483760534'	1.7	5	10	1.76	2.4	7.45	4.04 No	1.7	Primary Over-Voltage
SAV071	285	'38203990_/2609124_2'	0.5	1.67	3.33	0.59	0.33	2.5	1.35 No	0.33	Element Fault
SAV071	286	'3236490_/3236487'	0.63	1.67	3.33	0.59	0.8	2.25	1.35 No	0.59	Thermal Discharging
SAV071	287	'7852903_/7852900'	1.5	5	10	1.76	1	7.5	4.04 No	1	Element Fault
SAV071	288	'434364401_/434364437_1'	0.73	1.63	3.33	0.59	0.5	2.06	1.35 No	0.5	Element Fault
SAV071	289	'8108655_/8108652'	0.6	1.63	3.33	0.59	0.5	2.1	1.35 No	0.5	Element Fault
SAV071	290	'8486098_/9120481'	1.5	4.9	10	1.76	1	7.39	4.04 No	1	Element Fault
SAV071	291	'76587928_/7251136_2'	1.13	3.2	6.67	1.18	1	4.78	2.69 No	1	Element Fault
SAV071	292	'43175199_/2609124_1'	0.5	1.6	3.33	0.59	0.33	2.44	1.35 No	0.33	Element Fault
SAV071	293	'2605241_/2605238'	1.2	3.2	6.67	1.18	1.6	4.39	2.69 No	1.18	Thermal Discharging
SAV071	294	'3243636_/7251136_1'	1.13	3.2	6.67	1.18	0.6	4.76	2.69 No	0.6	Element Fault
SAV071	295	'8418572_/8418570'	1.4	4.8	10	1.76	1	7.29	4.04 No	1	Element Fault
SAV071	296	'3239051_/3239048'	0.6	1.6	3.33	0.59	0.5	2.13	1.35 No	0.5	Element Fault
SAV071	297	'43286404_/3262624'	0.6	1.6	3.33	0.59	0.5	2.13	1.35 No	0.5	Element Fault
SAV071	298	'7566646_/415519014'	1.3	3.7	10	1.76	4.2	7.13	4.04 No	1.3	Primary Over-Voltage
SAV071	299	'43283679_/3236500'	0.6	1.57	3.33	0.59	0.8	2.17	1.35 No	0.59	Thermal Discharging
SAV071	300	'54272296_/54272315'	0.63	1.57	3.33	0.59	0.5	2.24	1.35 No	0.5	Element Fault
SAV071	301	'575953444_/575953032_1'	1.6	4.7	10	1.76	1	7.1	4.04 No	1	Element Fault
SAV071	302	'7853031_/8802652_1'	0.6	1.57	3.33	0.59	0.5	1.93	1.35 No	0.5	Element Fault
SAV071	303	'43176207_/2604781'	0.57	1.57	3.33	0.59	0.5	2.02	1.35 No	0.5	Element Fault
SAV071	304	'8486097_/8486095_2'	1.4	4.6	10	1.76	1	7.01	4.04 No	1	Element Fault
SAV071	305	'2604859_/2604856'	1.2	3.07	6.67	1.18	2.4	4.4	2.69 No	1.18	Thermal Discharging
SAV071	306	'7565983_/7565980'	0.57	1.53	3.33	0.59	0.57	2.28	1.35 No	0.57	Primary Over-Voltage
SAV071	307	'2605256_/2605253'	1.2	3.07	6.67	1.18	1.6	4.26	2.69 No	1.18	Thermal Discharging
SAV071	308	'583456794_/3236526'	0.57	1.53	3.33	0.59	0.8	2.13	1.35 No	0.57	Primary Over-Voltage
SAV071	309	'322807265_/322807212'	1.6	4.6	10	1.76	5.2	6.94	4.04 No	1.6	Primary Over-Voltage
SAV071	310	'8176220_/9433028_2'	0.53	1.53	3.33	0.59	1.8	1.88	1.35 No	0.53	Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SAV071	311	'54272358_/_54272384'		0.63	1.5	3.33	0.59	0.5	2.18	1.35 No	0.5 Element Fault
SAV071	312	'7071875_/_43175201'		0.47	1.5	3.33	0.59	0.33	2.31	1.35 No	0.33 Element Fault
SAV071	313	'3262598_/_3262611'		0.57	1.5	3.33	0.59	0.5	2.05	1.35 No	0.5 Element Fault
SAV071	314	'120698287_/_120698319'		0.57	1.5	3.33	0.59	0.8	2.1	1.35 No	0.57 Primary Over-Voltage
SAV071	315	'429516277_/_429516296_2'		0.57	1.5	3.33	0.59	0.5	1.93	1.35 No	0.5 Element Fault
SAV071	316	'7565998_/_7565996'		0.53	1.5	3.33	0.59	0.57	2.23	1.35 No	0.53 Primary Over-Voltage
SAV071	317	'43286426_/_3262689'		1.07	3	6.67	1.18	0.6	4.48	2.69 No	0.6 Element Fault
SAV071	318	'2604874_/_2604871'		1.2	3	6.67	1.18	2.4	4.27	2.69 No	1.18 Thermal Discharging
SAV071	319	'3239064_/_3239061'		0.57	1.5	3.33	0.59	0.5	2.03	1.35 No	0.5 Element Fault
SAV071	320	'7852689_/_8485881_1'		0.53	1.5	3.33	0.59	0.5	1.84	1.35 No	0.5 Element Fault
SAV071	321	'7541920_/_8802652_2'		0.57	1.47	3.33	0.59	0.5	1.85	1.35 No	0.5 Element Fault
SAV071	322	'511680758_/_511680788_1'		0.57	1.47	3.33	0.59	0.5	1.9	1.35 No	0.5 Element Fault
SAV071	323	'2645233_/_2645230'		1.13	2.93	6.67	1.18	1.6	4.11	2.69 No	1.13 Primary Over-Voltage
SAV071	324	'8485884_/_8485881_2'		0.53	1.47	3.33	0.59	0.5	1.82	1.35 No	0.5 Element Fault
SAV071	325	'9120668_/_9433028_1'		0.53	1.47	3.33	0.59	0.5	1.84	1.35 No	0.5 Element Fault
SAV071	326	'43283690_/_583456798'		0.53	1.47	3.33	0.59	0.8	2.04	1.35 No	0.53 Primary Over-Voltage
SAV071	327	'7226302_/_8802340'		0.53	1.47	3.33	0.59	0.5	1.81	1.35 No	0.5 Element Fault
SAV071	328	'7226369_/_8418590'		0.53	1.43	3.33	0.59	0.5	1.93	1.35 No	0.5 Element Fault
SAV071	329	'2604797_/_2604794'		0.53	1.43	3.33	0.59	0.5	1.91	1.35 No	0.5 Element Fault
SAV071	330	'2605084_/_2605081'		1.13	2.87	6.67	1.18	2.4	4.16	2.69 No	1.13 Primary Over-Voltage
SAV071	331	'511680726_/_511680774'		0.53	1.43	3.33	0.59	0.5	1.87	1.35 No	0.5 Element Fault
SAV071	332	'3262597_/_3262595'		0.53	1.43	3.33	0.59	0.5	1.98	1.35 No	0.5 Element Fault
SAV071	333	'8200186_/_102357105'		0.5	1.43	3.33	0.59	0.5	2.09	1.35 No	0.5 Primary Over-Voltage
SAV071	334	'331189424_/_331189270_1'		0.67	1.43	3.33	0.59	0.5	1.76	1.35 No	0.5 Element Fault
SAV071	335	'7226303_/_7226300'		0.5	1.43	3.33	0.59	0.5	1.78	1.35 No	0.5 Primary Over-Voltage
SAV071	336	'483760564_/_483760572'		1.5	4.2	10	1.76	2.4	6.5	4.04 No	1.5 Primary Over-Voltage
SAV071	337	'8511105_/_92511935'		0.5	1.4	3.33	0.59	0.57	2.12	1.35 No	0.5 Primary Over-Voltage
SAV071	338	'43183581_/_2645266'		1.07	2.8	6.67	1.18	1.6	3.98	2.69 No	1.07 Primary Over-Voltage
SAV071	339	'43284391_/_3239074'		0.53	1.4	3.33	0.59	0.5	1.95	1.35 No	0.5 Element Fault
SAV071	340	'3244634_/_43286428'		1	2.8	6.67	1.18	0.6	4.27	2.69 No	0.6 Element Fault
SAV071	341	'7877598_/_9458042_1'		1	2.8	6.67	1.18	0.3	4.25	2.69 No	0.3 Element Fault
SAV071	342	'43176196_/_2604807'		0.5	1.4	3.33	0.59	0.5	1.86	1.35 No	0.5 Primary Over-Voltage
SAV071	343	'7226368_/_7226366'		0.53	1.4	3.33	0.59	0.5	1.87	1.35 No	0.5 Element Fault
SAV071	344	'7226432_/_7541917'		0.53	1.37	3.33	0.59	0.5	1.78	1.35 No	0.5 Element Fault
SAV071	345	'54272264_/_54272365'		0.57	1.37	3.33	0.59	0.5	2.02	1.35 No	0.5 Element Fault
SAV071	346	'7226287_/_9120253'		0.5	1.37	3.33	0.59	0.5	1.75	1.35 No	0.5 Primary Over-Voltage
SAV071	347	'2604658_/_331189270_2'		0.63	1.37	3.33	0.59	0.5	1.72	1.35 No	0.5 Element Fault
SAV071	348	'7226385_/_434364407'		0.63	1.37	3.33	0.59	0.5	1.82	1.35 No	0.5 Element Fault
SAV071	349	'3236542_/_43283692'		0.5	1.37	3.33	0.59	0.8	1.95	1.35 No	0.5 Primary Over-Voltage
SAV071	350	'2604687_/_2604736_1'		0.53	1.37	3.33	0.59	0.5	1.82	1.35 No	0.5 Element Fault
SAV071	351	'102357060_/_525393920'		0.47	1.37	3.33	0.59	0.5	2	1.35 No	0.47 Primary Over-Voltage
SAV071	352	'8511222_/_54272266'		0.57	1.37	3.33	0.59	0.5	2	1.35 No	0.5 Element Fault
SAV071	353	'2622141_/_43183583'		1.07	2.73	6.67	1.18	1.6	3.86	2.69 No	1.07 Primary Over-Voltage
SAV071	354	'2605136_/_43176044'		0.63	1.33	3.33	0.59	1.1	1.68	1.35 No	0.59 Thermal Discharging
SAV071	355	'7566066_/_9458042_2'		0.93	2.67	6.67	1.18	0.3	4.12	2.69 No	0.3 Element Fault
SAV071	356	'8511415_/_510216223'		0.47	1.33	3.33	0.59	1.4	2.07	1.35 No	0.47 Primary Over-Voltage
SAV071	357	'9120667_/_9120665'		0.5	1.33	3.33	0.59	0.5	1.74	1.35 No	0.5 Primary Over-Voltage
SAV071	358	'630300615_/_7541901_1'		0.6	1.33	3.33	0.59	0.2	1.8	1.35 No	0.2 Element Fault
SAV071	359	'8511126_/_8828804'		0.47	1.33	3.33	0.59	0.57	2.03	1.35 No	0.47 Primary Over-Voltage
SAV071	360	'2605137_/_7852606_1'		0.63	1.33	3.33	0.59	0.3	1.68	1.35 No	0.3 Element Fault
SAV071	361	'539166450_/_539166454'		0.5	1.33	3.33	0.59	0.5	1.77	1.35 No	0.5 Primary Over-Voltage
SAV071	362	'8200100_/_102357085'		0.47	1.27	3.33	0.59	0.57	1.98	1.35 No	0.47 Primary Over-Voltage
SAV071	363	'8828662_/_155962242'		0.5	1.33	3.33	0.59	0.8	1.92	1.35 No	0.5 Primary Over-Voltage
SAV071	364	'2604739_/_2604736_2'		0.5	1.33	3.33	0.59	0.5	1.79	1.35 No	0.5 Primary Over-Voltage
SAV071	365	'8486169_/_8486167'		0.47	1.33	3.33	0.59	0.5	1.71	1.35 No	0.47 Primary Over-Voltage
SAV071	366	'7228761_/_9123057_1'		0.63	1.33	3.33	0.59	0.5	1.65	1.35 No	0.5 Element Fault
SAV071	367	'43176185_/_2604668'		0.5	1.3	3.33	0.59	0.3	1.8	1.35 No	0.3 Element Fault
SAV071	368	'7566067_/_7566064'		0.93	2.6	6.67	1.18	0.3	4.02	2.69 No	0.3 Element Fault
SAV071	369	'322807258_/_322807269_1'		1.3	3.9	10	1.76	4.4	6.05	4.04 No	1.3 Primary Over-Voltage
SAV071	370	'7855460_/_9123057_2'		0.6	1.3	3.33	0.59	0.5	1.63	1.35 No	0.5 Element Fault
SAV071	371	'533033838_/_7541869'		0.6	1.3	3.33	0.59	0.5	1.75	1.35 No	0.5 Element Fault
SAV071	372	'429516472_/_429516491'		0.5	1.3	3.33	0.59	0.5	1.74	1.35 No	0.5 Primary Over-Voltage
SAV071	373	'7226433_/_7226430'		0.5	1.3	3.33	0.59	0.5	1.7	1.35 No	0.5 Primary Over-Voltage
SAV071	374	'3236555_/_3236552'		0.47	1.3	3.33	0.59	0.8	1.86	1.35 No	0.47 Primary Over-Voltage
SAV071	375	'43284396_/_43284393'		0.47	1.3	3.33	0.59	0.5	1.82	1.35 No	0.47 Primary Over-Voltage
SAV071	376	'533033820_/_533033867'		0.6	1.3	3.33	0.59	0.5	1.74	1.35 No	0.5 Element Fault
SAV071	377	'3244635_/_3244632'		0.93	2.6	6.67	1.18	0.6	3.96	2.69 No	0.6 Element Fault
SAV071	378	'2622142_/_2622139'		1	2.6	6.67	1.18	1.6	3.71	2.69 No	1 Primary Over-Voltage
SAV071	379	'43176102_/_2605160'		0.5	1.27	3.33	0.59	0.5	1.74	1.35 No	0.5 Primary Over-Voltage
SAV071	380	'7541904_/_7541901_2'		0.57	1.27	3.33	0.59	0.2	1.74	1.35 No	0.2 Element Fault
SAV071	381	'7541935_/_7852606_2'		0.6	1.27	3.33	0.59	0.3	1.62	1.35 No	0.3 Element Fault
SAV071	382	'533033883_/_533033943'		0.57	1.27	3.33	0.59	0.5	1.73	1.35 No	0.5 Element Fault
SAV071	383	'7565949_/_7565946'		0.43	1.27	3.33	0.59	0.57	1.93	1.35 No	0.43 Primary Over-Voltage
SAV071	384	'7544321_/_7855458'		0.6	1.27	3.33	0.59	0.5	1.6	1.35 No	0.5 Element Fault
SAV071	385	'7071663_/_43176198'		0.47	1.27	3.33	0.59	0.5	1.74	1.35 No	0.47 Primary Over-Voltage
SAV071	386	'43283701_/_3236565'		0.47	1.27	3.33	0.59	0.8	1.82	1.35 No	0.47 Primary Over-Voltage
SAV071	387	'2604671_/_43176187'		0.47	1.23	3.33	0.59	0.3	1.73	1.35 No	0.3 Element Fault
SAV071	388	'9120652_/_9433012'		0.43	1.23	3.33	0.59	0.5	1.64	1.35 No	0.43 Primary Over-Voltage
SAV071	389	'2622157_/_2622154'		0.93	2.47	6.67	1.18	1.6	3.57	2.69 No	0.93 Primary Over-Voltage
SAV071	390	'7852673_/_8485865'		0.47	1.23	3.33	0.59	0.5	1.63	1.35 No	0.47 Primary Over-Voltage
SAV071	391	'8175903_/_9432818_2'		0.47	1.23	3.33	0.59	1.2	1.68	1.35 No	0.47 Primary Over-Voltage
SAV071	392	'7877745_/_510216202'		0.43	1.23	3.33	0.59	1.4	1.9	1.35 No	0.43 Primary Over-Voltage
SAV071	393	'3236581_/_43283703'		0.47	1.23	3.33	0.59	0.8	1.78	1.35 No	0.47 Primary Over-Voltage
SAV071	394	'2604699_/_2605147'		0.47	1.23	3.33	0.59	0.5	1.68	1.35 No	0.47 Primary Over-Voltage
SAV071	395	'7566046_/_525393881'		0.5	1.23	3.33	0.59	0.5	1.82	1.35 No	0.5 Primary Over-Voltage
SAV071	396	'9432821_/_9432818_1'		0.47	1.2	3.33	0.59	0.2	1.67	1.35 No	0.2 Element Fault
SAV071	397	'7541936_/_7541933'		0.57	1.2	3.33	0.59	0.3	1.56	1.35 No	0.3 Element Fault
SAV071	398	'688324497_/_2651821_1'		0.47	1.2	3.33	0.59	0.8	1.64	1.35 No	0.47 Primary Over-Voltage
SAV071	399	'87337190_/_7544319'		0.57	1.2	3.33	0.59	0.5	1.53	1.35 No	0.5 Element Fault
SAV071	400	'2622172_/_2622169'		0.93	2.33	6.67	1.18	1.6	3.45	2.69 No	0.93 Primary Over-Voltage
SAV071	401	'3236594_/_3236591'		0.43	1.17	3.33	0.59	0.8	1.72	1.35 No	0.43 Primary Over-Voltage
SAV071	402	'7852656_/_7852670'		0.43	1.17	3.33	0.59	0.5	1.58	1.35 No	0.43 Primary Over-Voltage
SAV071	403	'8176235_/_9120649'		0.43	1.17	3.33	0.59	0.5	1.57	1.35 No	0.43 Primary Over-Voltage
SAV071	404	'2605031_/_2651821_2'		0.47	1.17	3.33	0.59	0.8	1.62	1.35 No	0.47 Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SAV071	405	'8176236_/8802668_1'		0.43	1.17	3.33	0.59	0.5	1.57	1.35 No	0.43 Primary Over-Voltage
SAV071	406	'7249461_/8511123'		0.4	1.13	3.33	0.59	0.57	1.77	1.35 No	0.4 Primary Over-Voltage
SAV071	407	'539166510_/539166526'		0.43	1.13	3.33	0.59	0.5	1.59	1.35 No	0.43 Primary Over-Voltage
SAV071	408	'7226401_/533033887'		0.5	1.13	3.33	0.59	0.5	1.58	1.35 No	0.5 Primary Over-Voltage
SAV071	409	'43176113_/2604697'		0.43	1.13	3.33	0.59	0.5	1.58	1.35 No	0.43 Primary Over-Voltage
SAV071	410	'43176218_/2605029'		0.43	1.13	3.33	0.59	0.8	1.58	1.35 No	0.43 Primary Over-Voltage
SAV071	411	'2622186_/2645215'		0.87	2.27	6.67	1.18	1.6	3.32	2.69 No	0.87 Primary Over-Voltage
SAV071	412	'334093802_/255279133_1'		0.87	2.27	6.67	1.18	1	3.32	2.69 No	0.87 Primary Over-Voltage
SAV071	413	'43176229_/2651808'		0.53	1.13	3.33	0.59	1.2	1.57	1.35 No	0.53 Primary Over-Voltage
SAV071	414	'8828855_/9458234'		0.47	1.1	3.33	0.59	0.5	1.69	1.35 No	0.47 Primary Over-Voltage
SAV071	415	'334093744_/255279133_2'		0.87	2.2	6.67	1.18	1	3.3	2.69 No	0.87 Primary Over-Voltage
SAV071	416	'43283712_/3236604'		0.4	1.1	3.33	0.59	0.8	1.64	1.35 No	0.4 Primary Over-Voltage
SAV071	417	'7226270_/7852654'		0.43	1.1	3.33	0.59	0.5	1.51	1.35 No	0.43 Primary Over-Voltage
SAV071	418	'8511205_/8828852'		0.43	1.1	3.33	0.59	0.5	1.66	1.35 No	0.43 Primary Over-Voltage
SAV071	419	'8828791_/8828788'		0.43	1.1	3.33	0.59	0.57	1.69	1.35 No	0.43 Primary Over-Voltage
SAV071	420	'2622187_/2622184'		0.87	2.2	6.67	1.18	1.6	3.23	2.69 No	0.87 Primary Over-Voltage
SAV071	421	'717069350_/717069332_2'		0.87	2.13	6.67	1.18	1.6	3.21	2.69 No	0.87 Primary Over-Voltage
SAV071	422	'8828646_/495972819'		0.4	1.07	3.33	0.59	0.8	1.6	1.35 No	0.4 Primary Over-Voltage
SAV071	423	'2605045_/43176220'		0.43	1.07	3.33	0.59	0.8	1.51	1.35 No	0.43 Primary Over-Voltage
SAV071	424	'2604889_/2604886'		0.5	1.07	3.33	0.59	1.2	1.51	1.35 No	0.5 Primary Over-Voltage
SAV071	425	'539166542_/539166550'		0.4	1.07	3.33	0.59	0.5	1.49	1.35 No	0.4 Primary Over-Voltage
SAV071	426	'429516678_/429516697'		0.4	1.07	3.33	0.59	0.5	1.49	1.35 No	0.4 Primary Over-Voltage
SAV071	427	'2604700_/43176115'		0.4	1.03	3.33	0.59	0.5	1.49	1.35 No	0.4 Primary Over-Voltage
SAV071	428	'9121807_/717069332_1'		0.8	2.07	6.67	1.18	1	3.13	2.69 No	0.8 Primary Over-Voltage
SAV071	429	'3236620_/43283714'		0.4	1.03	3.33	0.59	0.8	1.56	1.35 No	0.4 Primary Over-Voltage
SAV071	430	'7226271_/7226268'		0.4	1.03	3.33	0.59	0.5	1.45	1.35 No	0.4 Primary Over-Voltage
SAV071	431	'2604902_/2604899'		0.5	1.03	3.33	0.59	1.2	1.47	1.35 No	0.5 Primary Over-Voltage
SAV071	432	'7543133_/7543131_1'		0.4	1.03	3.33	0.59	0.5	1.38	1.35 No	0.4 Primary Over-Voltage
SAV071	433	'577174646_/577174662'		0.37	1.03	3.33	0.59	0.5	1.45	1.35 No	0.37 Primary Over-Voltage
SAV071	434	'43176124_/2604710'		0.4	1.03	3.33	0.59	0.5	1.46	1.35 No	0.4 Primary Over-Voltage
SAV071	435	'8828580_/603834749'		0.37	1.03	3.33	0.59	0.8	1.54	1.35 No	0.37 Primary Over-Voltage
SAV071	436	'7543134_/7543131_2'		0.4	1	3.33	0.59	0.5	1.36	1.35 No	0.4 Primary Over-Voltage
SAV071	437	'7543149_/8487027'		0.4	1	3.33	0.59	0.5	1.36	1.35 No	0.4 Primary Over-Voltage
SAV071	438	'3236633_/3236630'		0.37	1	3.33	0.59	0.8	1.51	1.35 No	0.37 Primary Over-Voltage
SAV071	439	'7543150_/7543147'		0.4	1	3.33	0.59	0.5	1.35	1.35 No	0.4 Primary Over-Voltage
SAV071	440	'7226400_/7226398'		0.47	1	3.33	0.59	0.5	1.44	1.35 No	0.47 Primary Over-Voltage
SAV071	441	'2604915_/2604912'		0.47	1	3.33	0.59	1.2	1.44	1.35 No	0.47 Primary Over-Voltage
SAV071	442	'7852640_/7852638'		0.37	1	3.33	0.59	0.5	1.4	1.35 No	0.37 Primary Over-Voltage
SAV071	443	'107320346_/107320311_1'		0.47	1	3.33	0.59	0.3	1.43	1.35 No	0.3 Element Fault
SAV071	444	'2605058_/2605055'		0.4	1	3.33	0.59	0.8	1.42	1.35 No	0.4 Primary Over-Voltage
SAV071	445	'7877825_/9142963'		0.37	1	3.33	0.59	0.57	1.54	1.35 No	0.37 Primary Over-Voltage
SAV071	446	'7249460_/7249458_1'		0.37	0.97	3.33	0.59	0.57	1.54	1.35 No	0.37 Primary Over-Voltage
SAV071	447	'430384311_/430384330'		0.37	0.97	3.33	0.59	0.5	1.39	1.35 No	0.37 Primary Over-Voltage
SAV071	448	'2604726_/2604723'		0.37	0.97	3.33	0.59	0.5	1.39	1.35 No	0.37 Primary Over-Voltage
SAV071	449	'577174678_/577174694'		0.37	0.97	3.33	0.59	0.5	1.38	1.35 No	0.37 Primary Over-Voltage
SAV071	450	'8175951_/8802420'		0.37	0.97	3.33	0.59	0.5	1.35	1.35 No	0.37 Primary Over-Voltage
SAV071	451	'3236646_/3236643'		0.37	0.97	3.33	0.59	0.8	1.44	1.35 No	0.37 Primary Over-Voltage
SAV071	452	'8511206_/457351741'		0.4	0.93	3.33	0.59	0.5	1.47	1.35 No	0.4 Primary Over-Voltage
SAV071	453	'2604928_/2604925'		0.43	0.93	3.33	0.59	1.2	1.38	1.35 No	0.43 Primary Over-Voltage
SAV071	454	'43176262_/2605068'		0.37	0.93	3.33	0.59	0.8	1.37	1.35 No	0.37 Primary Over-Voltage
SAV071	455	'7226190_/9120349'		0.43	0.93	3.33	0.59	0.5	1.36	1.35 No	0.43 Primary Over-Voltage
SAV071	456	'107320300_/107320311_2'		0.43	0.93	3.33	0.59	0.3	1.36	1.35 No	0.3 Element Fault
SAV071	457	'8828581_/155962263'		0.33	0.93	3.33	0.59	0.8	1.41	1.35 No	0.33 Primary Over-Voltage
SAV071	458	'7854394_/9121949'		0.37	0.93	3.33	0.59	0.5	1.27	1.35 No	0.37 Primary Over-Voltage
SAV071	459	'3239105_/7071644'		0.37	0.9	3.33	0.59	0.5	1.34	1.35 No	0.37 Primary Over-Voltage
SAV071	460	'7566432_/9143107_1'		0.37	0.9	3.33	0.59	0.3	1.42	1.35 No	0.3 Element Fault
SAV071	461	'7249348_/434552996'		0.33	0.9	3.33	0.59	0.8	1.39	1.35 No	0.33 Primary Over-Voltage
SAV071	462	'3232187_/3236656'		0.33	0.9	3.33	0.59	0.8	1.38	1.35 No	0.33 Primary Over-Voltage
SAV071	463	'2604941_/2604938'		0.43	0.9	3.33	0.59	1.2	1.32	1.35 No	0.43 Primary Over-Voltage
SAV071	464	'430384441_/430384460'		0.33	0.9	3.33	0.59	0.5	1.32	1.35 No	0.33 Primary Over-Voltage
SAV071	465	'7852705_/8175949'		0.33	0.9	3.33	0.59	0.5	1.29	1.35 No	0.33 Primary Over-Voltage
SAV071	466	'3239355_/43176264'		0.37	0.9	3.33	0.59	0.8	1.31	1.35 No	0.37 Primary Over-Voltage
SAV071	467	'43183593_/43183595'		0.43	0.9	3.33	0.59	0.8	1.23	1.35 No	0.43 Primary Over-Voltage
SAV071	468	'2622201_/2622199_1'		0.43	0.87	3.33	0.59	0.5	1.22	1.35 No	0.43 Primary Over-Voltage
SAV071	469	'3239106_/3239103'		0.33	0.87	3.33	0.59	0.5	1.3	1.35 No	0.33 Primary Over-Voltage
SAV071	470	'577174710_/577174726'		0.33	0.87	3.33	0.59	0.5	1.28	1.35 No	0.33 Primary Over-Voltage
SAV071	471	'430384480_/430384490'		0.33	0.87	3.33	0.59	0.5	1.28	1.35 No	0.33 Primary Over-Voltage
SAV071	472	'7854267_/7854392'		0.33	0.87	3.33	0.59	0.5	1.22	1.35 No	0.33 Primary Over-Voltage
SAV071	473	'2604954_/2604951'		0.43	0.87	3.33	0.59	1.2	1.28	1.35 No	0.43 Primary Over-Voltage
SAV071	474	'3232201_/3232198'		0.33	0.87	3.33	0.59	0.8	1.33	1.35 No	0.33 Primary Over-Voltage
SAV071	475	'3232188_/3232185'		0.33	0.87	3.33	0.59	0.8	1.32	1.35 No	0.33 Primary Over-Voltage
SAV071	476	'7249349_/603834770'		0.3	0.87	3.33	0.59	0.8	1.32	1.35 No	0.3 Primary Over-Voltage
SAV071	477	'2617835_/2622199_2'		0.43	0.87	3.33	0.59	0.5	1.2	1.35 No	0.43 Primary Over-Voltage
SAV071	478	'3239356_/3239353'		0.33	0.83	3.33	0.59	0.8	1.26	1.35 No	0.33 Primary Over-Voltage
SAV071	479	'7227351_/7227348'		0.4	0.83	3.33	0.59	0.5	1.19	1.35 No	0.4 Primary Over-Voltage
SAV071	480	'43284424_/3239119'		0.33	0.83	3.33	0.59	0.5	1.26	1.35 No	0.33 Primary Over-Voltage
SAV071	481	'7852704_/7852702'		0.33	0.83	3.33	0.59	0.5	1.22	1.35 No	0.33 Primary Over-Voltage
SAV071	482	'3232214_/3232211'		0.3	0.83	3.33	0.59	0.8	1.28	1.35 No	0.3 Primary Over-Voltage
SAV071	483	'2604967_/2604964'		0.4	0.83	3.33	0.59	1.2	1.24	1.35 No	0.4 Primary Over-Voltage
SAV071	484	'3239369_/3239366'		0.33	0.83	3.33	0.59	0.8	1.24	1.35 No	0.33 Primary Over-Voltage
SAV071	485	'7852851_/7852848'		0.4	0.83	3.33	0.59	0.2	1.23	1.35 No	0.2 Element Fault
SAV071	486	'511680694_/511680710'		0.3	0.83	3.33	0.59	0.5	1.23	1.35 No	0.3 Primary Over-Voltage
SAV071	487	'7854219_/7854232'		0.4	0.8	3.33	0.59	0.5	1.16	1.35 No	0.4 Primary Over-Voltage
SAV071	488	'539166466_/511680742'		0.3	0.8	3.33	0.59	0.5	1.21	1.35 No	0.3 Primary Over-Voltage
SAV071	489	'43284569_/3239379'		0.33	0.8	3.33	0.59	0.8	1.21	1.35 No	0.33 Primary Over-Voltage
SAV071	490	'2617836_/2617833'		0.4	0.8	3.33	0.59	0.5	1.15	1.35 No	0.4 Primary Over-Voltage
SAV071	491	'577174742_/577174758'		0.3	0.8	3.33	0.59	0.5	1.2	1.35 No	0.3 Primary Over-Voltage
SAV071	492	'3239135_/43284426'		0.3	0.8	3.33	0.59	0.5	1.21	1.35 No	0.3 Primary Over-Voltage
SAV071	493	'3232266_/3232263'		0.3	0.8	3.33	0.59	0.8	1.24	1.35 No	0.3 Primary Over-Voltage
SAV071	494	'7227401_/717069207'		0.4	0.8	3.33	0.59	0.5	1.14	1.35 No	0.4 Primary Over-Voltage
SAV071	495	'7852720_/7852718'		0.3	0.8	3.33	0.59	0.5	1.18	1.35 No	0.3 Primary Over-Voltage
SAV071	496	'7227368_/7854216'		0.4	0.8	3.33	0.59	0.5	1.14	1.35 No	0.4 Primary Over-Voltage
SAV071	497	'8175967_/8175965'		0.4	0.8	3.33	0.59	0.2	1.19	1.35 No	0.2 Element Fault
SAV071	498	'43283723_/3232224'		0.3	0.8	3.33	0.59	0.8	1.23	1.35 No	0.3 Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SAV071	499	'2604980_/_2604977'		0.4	0.8	3.33	0.59	1.2	1.19	1.35 No	0.4 Primary Over-Voltage
SAV071	500	'7227400_/_7227398'		0.4	0.8	3.33	0.59	0.5	1.13	1.35 No	0.4 Primary Over-Voltage
SAV071	501	'474871207_/_474871196_1'		0.4	0.8	3.33	0.59	0.1	1.19	1.35 No	0.1 Element Fault
SAV071	502	'3239395_/_43284571'		0.33	0.8	3.33	0.59	0.8	1.18	1.35 No	0.33 Primary Over-Voltage
SAV071	503	'155962326_/_155962303_1'		0.17	0.43	3.33	0.59	0.5	1.22	1.35 No	0.17 Primary Over-Voltage
SAV071	504	'43283734_/_3232302'		0.3	0.77	3.33	0.59	0.8	1.21	1.35 No	0.3 Primary Over-Voltage
SAV071	505	'474871220_/_474871196_2'		0.37	0.77	3.33	0.59	0.1	1.17	1.35 No	0.1 Element Fault
SAV071	506	'3239025_/_3239145'		0.3	0.77	3.33	0.59	0.5	1.16	1.35 No	0.3 Primary Over-Voltage
SAV071	507	'3232240_/_3232237'		0.3	0.77	3.33	0.59	0.8	1.2	1.35 No	0.3 Primary Over-Voltage
SAV071	508	'8802439_/_9432722'		0.3	0.77	3.33	0.59	0.5	1.14	1.35 No	0.3 Primary Over-Voltage
SAV071	509	'474871153_/_474871242'		0.37	0.77	3.33	0.59	0.1	1.15	1.35 No	0.1 Element Fault
SAV071	510	'3239408_/_3239405'		0.33	0.77	3.33	0.59	0.8	1.14	1.35 No	0.33 Primary Over-Voltage
SAV071	511	'2604992_/_2604990'		0.37	0.77	3.33	0.59	1.2	1.14	1.35 No	0.37 Primary Over-Voltage
SAV071	512	'7227369_/_7227366'		0.37	0.77	3.33	0.59	0.5	1.09	1.35 No	0.37 Primary Over-Voltage
SAV071	513	'7541824_/_7541821'		0.37	0.77	3.33	0.59	0.2	1.14	1.35 No	0.2 Element Fault
SAV071	514	'2651850_/_2651860_1'		0.37	0.77	3.33	0.59	0.5	1.14	1.35 No	0.37 Primary Over-Voltage
SAV071	515	'3232278_/_3232289'		0.27	0.77	3.33	0.59	0.8	1.17	1.35 No	0.27 Primary Over-Voltage
SAV071	516	'577174774_/_577174790'		0.27	0.73	3.33	0.59	0.5	1.13	1.35 No	0.27 Primary Over-Voltage
SAV071	517	'539166565_/_539166581'		0.27	0.73	3.33	0.59	0.5	1.13	1.35 No	0.27 Primary Over-Voltage
SAV071	518	'43284413_/_3239022'		0.3	0.73	3.33	0.59	0.5	1.13	1.35 No	0.3 Primary Over-Voltage
SAV071	519	'577175198_/_577174822'		0.27	0.67	3.33	0.59	0.5	1.12	1.35 No	0.27 Primary Over-Voltage
SAV071	520	'8175984_/_9434412'		0.37	0.73	3.33	0.59	0.2	1.13	1.35 No	0.2 Element Fault
SAV071	521	'3232253_/_3232250'		0.3	0.73	3.33	0.59	0.8	1.16	1.35 No	0.3 Primary Over-Voltage
SAV071	522	'3232279_/_3232276'		0.27	0.73	3.33	0.59	0.8	1.15	1.35 No	0.27 Primary Over-Voltage
SAV071	523	'123199976_/_8828676_1'		0.27	0.73	3.33	0.59	0.5	1.15	1.35 No	0.27 Primary Over-Voltage
SAV071	524	'8175920_/_474871175'		0.37	0.73	3.33	0.59	0.1	1.11	1.35 No	0.1 Element Fault
SAV071	525	'2605005_/_2651860_2'		0.37	0.73	3.33	0.59	0.5	1.11	1.35 No	0.37 Primary Over-Voltage
SAV071	526	'43286462_/_3262788'		0.3	0.73	3.33	0.59	0.8	1.1	1.35 No	0.3 Primary Over-Voltage
SAV071	527	'8177261_/_8804456'		0.37	0.73	3.33	0.59	0.5	1.05	1.35 No	0.37 Primary Over-Voltage
SAV071	528	'7541951_/_8175981'		0.37	0.73	3.33	0.59	0.2	1.1	1.35 No	0.2 Element Fault
SAV071	529	'131852122_/_7854264'		0.27	0.73	3.33	0.59	0.5	1.05	1.35 No	0.27 Primary Over-Voltage
SAV071	530	'8177230_/_8177227'		0.37	0.73	3.33	0.59	0.5	1.05	1.35 No	0.37 Primary Over-Voltage
SAV071	531	'3238999_/_3239009'		0.27	0.7	3.33	0.59	0.5	1.09	1.35 No	0.27 Primary Over-Voltage
SAV071	532	'131852174_/_131852206'		0.27	0.7	3.33	0.59	0.5	1.05	1.35 No	0.27 Primary Over-Voltage
SAV071	533	'131852088_/_131852192'		0.27	0.7	3.33	0.59	0.5	1.05	1.35 No	0.27 Primary Over-Voltage
SAV071	534	'539166597_/_539166613'		0.27	0.7	3.33	0.59	0.5	1.08	1.35 No	0.27 Primary Over-Voltage
SAV071	535	'7226191_/_7541949_1'		0.33	0.7	3.33	0.59	0.5	1.07	1.35 No	0.33 Primary Over-Voltage
SAV071	536	'8802438_/_8802436'		0.27	0.7	3.33	0.59	0.5	1.06	1.35 No	0.27 Primary Over-Voltage
SAV071	537	'8485899_/_8804440'		0.33	0.7	3.33	0.59	0.5	1.03	1.35 No	0.33 Primary Over-Voltage
SAV071	538	'539166629_/_539166637'		0.27	0.7	3.33	0.59	0.5	1.07	1.35 No	0.27 Primary Over-Voltage
SAV071	539	'43176240_/_2605003'		0.33	0.7	3.33	0.59	0.5	1.07	1.35 No	0.33 Primary Over-Voltage
SAV071	540	'3239447_/_43286464'		0.3	0.7	3.33	0.59	0.8	1.06	1.35 No	0.3 Primary Over-Voltage
SAV071	541	'3238998_/_3238996'		0.27	0.7	3.33	0.59	0.5	1.06	1.35 No	0.27 Primary Over-Voltage
SAV071	542	'3239420_/_3239444'		0.3	0.7	3.33	0.59	0.8	1.06	1.35 No	0.3 Primary Over-Voltage
SAV071	543	'7226255_/_9432852'		0.27	0.7	3.33	0.59	0.5	1.04	1.35 No	0.27 Primary Over-Voltage
SAV071	544	'8828679_/_8828676_2'		0.27	0.7	3.33	0.59	0.5	1.09	1.35 No	0.27 Primary Over-Voltage
SAV071	545	'8177245_/_8177259'		0.33	0.7	3.33	0.59	0.5	1.01	1.35 No	0.33 Primary Over-Voltage
SAV071	546	'2605019_/_2605016'		0.33	0.7	3.33	0.59	0.5	1.05	1.35 No	0.33 Primary Over-Voltage
SAV071	547	'43284580_/_3239418'		0.3	0.7	3.33	0.59	0.5	1.05	1.35 No	0.3 Primary Over-Voltage
SAV071	548	'7226207_/_131852094'		0.27	0.7	3.33	0.59	0.5	1.01	1.35 No	0.27 Primary Over-Voltage
SAV071	549	'7852771_/_324093768'		0.27	0.7	3.33	0.59	0.5	1.01	1.35 No	0.27 Primary Over-Voltage
SAV071	550	'7852737_/_8177243'		0.33	0.67	3.33	0.59	0.5	1	1.35 No	0.33 Primary Over-Voltage
SAV071	551	'3237757_/_3243587'		0.3	0.67	3.33	0.59	0.8	1.04	1.35 No	0.3 Primary Over-Voltage
SAV071	552	'577174806_/_577174836'		0.23	0.67	3.33	0.59	0.5	1.03	1.35 No	0.23 Primary Over-Voltage
SAV071	553	'7226206_/_7226204'		0.27	0.67	3.33	0.59	0.5	0.99	1.35 No	0.27 Primary Over-Voltage
SAV071	554	'3239421_/_43284582'		0.3	0.67	3.33	0.59	0.5	1.03	1.35 No	0.3 Primary Over-Voltage
SAV071	555	'7226254_/_7226252'		0.27	0.67	3.33	0.59	0.5	1.01	1.35 No	0.27 Primary Over-Voltage
SAV071	556	'149038382_/_255279013'		0.33	0.67	3.33	0.59	0.5	0.98	1.35 No	0.33 Primary Over-Voltage
SAV071	557	'3239160_/_7071696'		0.33	0.67	3.33	0.59	0.5	1.02	1.35 No	0.33 Primary Over-Voltage
SAV071	558	'8511189_/_8828692'		0.23	0.67	3.33	0.59	0.5	1.04	1.35 No	0.23 Primary Over-Voltage
SAV071	559	'3239434_/_3239431'		0.27	0.67	3.33	0.59	0.5	1.01	1.35 No	0.27 Primary Over-Voltage
SAV071	560	'3237758_/_3237755'		0.27	0.67	3.33	0.59	0.8	1.01	1.35 No	0.27 Primary Over-Voltage
SAV071	561	'3245139_/_43284549_2'		0.27	0.67	3.33	0.59	0.5	1.01	1.35 No	0.27 Primary Over-Voltage
SAV071	562	'7541839_/_387472268'		0.27	0.67	3.33	0.59	0.5	0.97	1.35 No	0.27 Primary Over-Voltage
SAV071	563	'8177164_/_8485849'		0.27	0.63	3.33	0.59	0.5	0.96	1.35 No	0.27 Primary Over-Voltage
SAV071	564	'7852786_/_57943478'		0.27	0.63	3.33	0.59	0.5	0.96	1.35 No	0.27 Primary Over-Voltage
SAV071	565	'43284448_/_3239158'		0.33	0.63	3.33	0.59	0.5	0.99	1.35 No	0.33 Primary Over-Voltage
SAV071	566	'7226223_/_7226414'		0.23	0.63	3.33	0.59	0.5	0.98	1.35 No	0.23 Primary Over-Voltage
SAV071	567	'3238807_/_3239642'		0.27	0.63	3.33	0.59	0.5	0.99	1.35 No	0.27 Primary Over-Voltage
SAV071	568	'43284547_/_43284549_1'		0.27	0.63	3.33	0.59	0.3	0.99	1.35 No	0.27 Primary Over-Voltage
SAV071	569	'3237771_/_3237768'		0.27	0.63	3.33	0.59	0.8	0.98	1.35 No	0.27 Primary Over-Voltage
SAV071	570	'7226318_/_717069291'		0.3	0.63	3.33	0.59	0.5	0.94	1.35 No	0.3 Primary Over-Voltage
SAV071	571	'3245164_/_3245162_1'		0.27	0.63	3.33	0.59	0.5	0.97	1.35 No	0.27 Primary Over-Voltage
SAV071	572	'8802359_/_255279034'		0.3	0.63	3.33	0.59	0.5	0.94	1.35 No	0.3 Primary Over-Voltage
SAV071	573	'3237926_/_3245162_2'		0.27	0.63	3.33	0.59	0.5	0.97	1.35 No	0.27 Primary Over-Voltage
SAV071	574	'7226222_/_7226220'		0.23	0.63	3.33	0.59	0.5	0.96	1.35 No	0.23 Primary Over-Voltage
SAV071	575	'43284177_/_3238805'		0.27	0.63	3.33	0.59	0.5	0.96	1.35 No	0.27 Primary Over-Voltage
SAV071	576	'3237797_/_3237794'		0.27	0.63	3.33	0.59	0.8	0.96	1.35 No	0.27 Primary Over-Voltage
SAV071	577	'3239499_/_3239509'		0.27	0.63	3.33	0.59	0.3	0.96	1.35 No	0.27 Primary Over-Voltage
SAV071	578	'8485947_/_8802388'		0.23	0.63	3.33	0.59	0.5	0.93	1.35 No	0.23 Primary Over-Voltage
SAV071	579	'3239174_/_3239171'		0.3	0.63	3.33	0.59	0.5	0.96	1.35 No	0.3 Primary Over-Voltage
SAV071	580	'8511190_/_8511187'		0.23	0.63	3.33	0.59	0.5	0.98	1.35 No	0.23 Primary Over-Voltage
SAV071	581	'3237927_/_3237924'		0.27	0.63	3.33	0.59	0.5	0.96	1.35 No	0.27 Primary Over-Voltage
SAV071	582	'7852834_/_8485945'		0.23	0.6	3.33	0.59	0.5	0.92	1.35 No	0.23 Primary Over-Voltage
SAV071	583	'8802374_/_87245516'		0.3	0.6	3.33	0.59	0.5	0.92	1.35 No	0.3 Primary Over-Voltage
SAV071	584	'8177163_/_8177161'		0.23	0.6	3.33	0.59	0.5	0.92	1.35 No	0.23 Primary Over-Voltage
SAV071	585	'7226468_/_9120425'		0.3	0.6	3.33	0.59	0.5	0.91	1.35 No	0.3 Primary Over-Voltage
SAV071	586	'3238794_/_43284179'		0.27	0.6	3.33	0.59	0.5	0.94	1.35 No	0.27 Primary Over-Voltage
SAV071	587	'3239486_/_3239496'		0.27	0.6	3.33	0.59	0.3	0.94	1.35 No	0.27 Primary Over-Voltage
SAV071	588	'43284188_/_3237807'		0.27	0.6	3.33	0.59	0.8	0.93	1.35 No	0.27 Primary Over-Voltage
SAV071	589	'3239187_/_3239184'		0.3	0.6	3.33	0.59	0.5	0.93	1.35 No	0.3 Primary Over-Voltage
SAV071	590	'7226353_/_64986137'		0.23	0.6	3.33	0.59	0.5	0.89	1.35 No	0.23 Primary Over-Voltage
SAV071	591	'7226238_/_7226236'		0.23	0.6	3.33	0.59	0.5	0.92	1.35 No	0.23 Primary Over-Voltage
SAV071	592	'7226334_/_87245531'		0.3	0.6	3.33	0.59	0.5	0.88	1.35 No	0.3 Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SAV071	593	'43284558_/_43284560'		0.23	0.57	3.33	0.59	0.3	0.91	1.35 No	0.23 Primary Over-Voltage
SAV071	594	'3237823_/_43284190'		0.27	0.57	3.33	0.59	0.8	0.91	1.35 No	0.27 Primary Over-Voltage
SAV071	595	'43284166_/_3238792'		0.23	0.57	3.33	0.59	0.5	0.91	1.35 No	0.23 Primary Over-Voltage
SAV071	596	'504231315_/_3245188_1'		0.23	0.57	3.33	0.59	0.5	0.91	1.35 No	0.23 Primary Over-Voltage
SAV071	597	'43284459_/_3239197'		0.3	0.57	3.33	0.59	0.5	0.9	1.35 No	0.3 Primary Over-Voltage
SAV071	598	'7226469_/_7226466'		0.27	0.57	3.33	0.59	0.5	0.87	1.35 No	0.27 Primary Over-Voltage
SAV071	599	'345101472_/_8177193'		0.23	0.57	3.33	0.59	0.5	0.87	1.35 No	0.23 Primary Over-Voltage
SAV071	600	'8828838_/_8828836'		0.2	0.57	3.33	0.59	0.5	0.92	1.35 No	0.2 Primary Over-Voltage
SAV071	601	'7852624_/_8485993'		0.23	0.57	3.33	0.59	0.5	0.89	1.35 No	0.23 Primary Over-Voltage
SAV071	602	'7852835_/_7852832'		0.23	0.57	3.33	0.59	0.5	0.86	1.35 No	0.23 Primary Over-Voltage
SAV071	603	'7226335_/_87245562'		0.27	0.57	3.33	0.59	0.5	0.86	1.35 No	0.27 Primary Over-Voltage
SAV071	604	'3237835_/_3245188_2'		0.23	0.57	3.33	0.59	0.5	0.89	1.35 No	0.23 Primary Over-Voltage
SAV071	605	'43284232_/_3245227'		0.23	0.57	3.33	0.59	0.8	0.89	1.35 No	0.23 Primary Over-Voltage
SAV071	606	'8802454_/_9432786'		0.23	0.57	3.33	0.59	0.5	0.86	1.35 No	0.23 Primary Over-Voltage
SAV071	607	'3239460_/_3239470'		0.23	0.57	3.33	0.59	0.3	0.88	1.35 No	0.23 Primary Over-Voltage
SAV071	608	'3238782_/_43284168'		0.23	0.57	3.33	0.59	0.5	0.88	1.35 No	0.23 Primary Over-Voltage
SAV071	609	'3239213_/_3239210'		0.3	0.57	3.33	0.59	0.5	0.88	1.35 No	0.3 Primary Over-Voltage
SAV071	610	'8486011_/_9432770'		0.27	0.57	3.33	0.59	0.5	0.85	1.35 No	0.27 Primary Over-Voltage
SAV071	611	'3237862_/_3237859'		0.23	0.57	3.33	0.59	0.8	0.87	1.35 No	0.23 Primary Over-Voltage
SAV071	612	'504231558_/_3237833'		0.23	0.57	3.33	0.59	0.5	0.87	1.35 No	0.23 Primary Over-Voltage
SAV071	613	'7249513_/_9458218'		0.2	0.57	3.33	0.59	0.5	0.89	1.35 No	0.2 Primary Over-Voltage
SAV071	614	'8176204_/_390551482'		0.2	0.53	3.33	0.59	0.5	0.84	1.35 No	0.2 Primary Over-Voltage
SAV071	615	'7852625_/_7852622_1'		0.2	0.5	3.33	0.59	0.5	0.86	1.35 No	0.2 Primary Over-Voltage
SAV071	616	'3238769_/_3238779_2'		0.23	0.53	3.33	0.59	0.5	0.86	1.35 No	0.23 Primary Over-Voltage
SAV071	617	'3239459_/_3239457'		0.23	0.53	3.33	0.59	0.3	0.86	1.35 No	0.23 Primary Over-Voltage
SAV071	618	'3238756_/_3238779_1'		0.23	0.53	3.33	0.59	0.5	0.86	1.35 No	0.23 Primary Over-Voltage
SAV071	619	'3239226_/_3239223'		0.27	0.53	3.33	0.59	0.5	0.86	1.35 No	0.27 Primary Over-Voltage
SAV071	620	'8200170_/_7249510'		0.2	0.53	3.33	0.59	0.5	0.87	1.35 No	0.2 Primary Over-Voltage
SAV071	621	'3237875_/_3237872'		0.23	0.53	3.33	0.59	0.8	0.85	1.35 No	0.23 Primary Over-Voltage
SAV071	622	'8177196_/_345101492'		0.2	0.53	3.33	0.59	0.5	0.83	1.35 No	0.2 Primary Over-Voltage
SAV071	623	'64607248_/_8200335_1'		0.27	0.53	3.33	0.59	0.3	0.85	1.35 No	0.27 Primary Over-Voltage
SAV071	624	'7852802_/_57943493'		0.2	0.53	3.33	0.59	0.5	0.82	1.35 No	0.2 Primary Over-Voltage
SAV071	625	'458987037_/_458987006_1'		0.27	0.53	3.33	0.59	0.5	0.82	1.35 No	0.27 Primary Over-Voltage
SAV071	626	'43184190_/_43184192'		0.23	0.53	3.33	0.59	0.3	0.83	1.35 No	0.23 Primary Over-Voltage
SAV071	627	'43284470_/_3239236'		0.27	0.53	3.33	0.59	0.5	0.83	1.35 No	0.27 Primary Over-Voltage
SAV071	628	'8177180_/_9120237'		0.2	0.53	3.33	0.59	0.5	0.81	1.35 No	0.2 Primary Over-Voltage
SAV071	629	'43284221_/_3237885'		0.23	0.53	3.33	0.59	0.8	0.83	1.35 No	0.23 Primary Over-Voltage
SAV071	630	'504231473_/_3237911'		0.23	0.53	3.33	0.59	0.8	0.82	1.35 No	0.23 Primary Over-Voltage
SAV071	631	'7541856_/_64986157'		0.2	0.5	3.33	0.59	0.5	0.8	1.35 No	0.2 Primary Over-Voltage
SAV071	632	'3239252_/_43284472'		0.27	0.5	3.33	0.59	0.5	0.82	1.35 No	0.27 Primary Over-Voltage
SAV071	633	'8511173_/_155964675'		0.2	0.5	3.33	0.59	0.5	0.83	1.35 No	0.2 Primary Over-Voltage
SAV071	634	'44632597_/_2664047'		0.23	0.5	3.33	0.59	0.3	0.81	1.35 No	0.23 Primary Over-Voltage
SAV071	635	'3245009_/_3245019_1'		0.27	0.5	3.33	0.59	0.3	0.81	1.35 No	0.27 Primary Over-Voltage
SAV071	636	'8200338_/_8200335_2'		0.27	0.5	3.33	0.59	0.3	0.81	1.35 No	0.27 Primary Over-Voltage
SAV071	637	'43284210_/_43284223'		0.23	0.5	3.33	0.59	0.8	0.81	1.35 No	0.23 Primary Over-Voltage
SAV071	638	'8176203_/_63869562'		0.2	0.5	3.33	0.59	0.5	0.78	1.35 No	0.2 Primary Over-Voltage
SAV071	639	'3239316_/_3239314'		0.27	0.5	3.33	0.59	0.5	0.8	1.35 No	0.27 Primary Over-Voltage
SAV071	640	'64607235_/_3244980_2'		0.27	0.5	3.33	0.59	0.5	0.79	1.35 No	0.27 Primary Over-Voltage
SAV071	641	'43284155_/_3245019_2'		0.27	0.5	3.33	0.59	0.3	0.79	1.35 No	0.27 Primary Over-Voltage
SAV071	642	'8177179_/_8177177'		0.2	0.5	3.33	0.59	0.5	0.78	1.35 No	0.2 Primary Over-Voltage
SAV071	643	'7249529_/_255271779'		0.17	0.5	3.33	0.59	0.5	0.81	1.35 No	0.17 Primary Over-Voltage
SAV071	644	'9120304_/_74986169'		0.2	0.5	3.33	0.59	0.5	0.77	1.35 No	0.2 Primary Over-Voltage
SAV071	645	'3239330_/_3239340'		0.27	0.5	3.33	0.59	0.5	0.79	1.35 No	0.27 Primary Over-Voltage
SAV071	646	'3237901_/_3237898'		0.2	0.5	3.33	0.59	0.8	0.78	1.35 No	0.2 Primary Over-Voltage
SAV071	647	'9434136_/_9434134'		0.2	0.5	3.33	0.59	0.5	0.76	1.35 No	0.2 Primary Over-Voltage
SAV071	648	'43284481_/_3244980_1'		0.27	0.5	3.33	0.59	0.5	0.78	1.35 No	0.27 Primary Over-Voltage
SAV071	649	'7541855_/_57943522'		0.2	0.5	3.33	0.59	0.5	0.76	1.35 No	0.2 Primary Over-Voltage
SAV071	650	'3238057_/_3238054'		0.27	0.5	3.33	0.59	0.3	0.77	1.35 No	0.27 Primary Over-Voltage
SAV071	651	'3237992_/_3237989'		0.2	0.47	3.33	0.59	0.8	0.77	1.35 No	0.2 Primary Over-Voltage
SAV071	652	'3239329_/_3239327'		0.23	0.47	3.33	0.59	0.5	0.77	1.35 No	0.23 Primary Over-Voltage
SAV071	653	'3245087_/_3245084_2'		0.23	0.47	3.33	0.59	0.5	0.77	1.35 No	0.23 Primary Over-Voltage
SAV071	654	'3245060_/_3245071_2'		0.23	0.47	3.33	0.59	0.5	0.77	1.35 No	0.23 Primary Over-Voltage
SAV071	655	'3239632_/_3245071_1'		0.23	0.47	3.33	0.59	0.3	0.76	1.35 No	0.23 Primary Over-Voltage
SAV071	656	'43284243_/_3238067'		0.23	0.47	3.33	0.59	0.3	0.76	1.35 No	0.23 Primary Over-Voltage
SAV071	657	'3239291_/_3239301'		0.23	0.47	3.33	0.59	0.5	0.75	1.35 No	0.23 Primary Over-Voltage
SAV071	658	'7249528_/_255277162'		0.17	0.47	3.33	0.59	0.5	0.77	1.35 No	0.17 Primary Over-Voltage
SAV071	659	'43284199_/_3238002'		0.2	0.47	3.33	0.59	0.8	0.75	1.35 No	0.2 Primary Over-Voltage
SAV071	660	'3239590_/_3245084_1'		0.23	0.47	3.33	0.59	0.3	0.75	1.35 No	0.23 Primary Over-Voltage
SAV071	661	'347771167_/_43284245'		0.23	0.47	3.33	0.59	0.3	0.75	1.35 No	0.23 Primary Over-Voltage
SAV071	662	'3239577_/_3239587'		0.23	0.47	3.33	0.59	0.3	0.74	1.35 No	0.23 Primary Over-Voltage
SAV071	663	'3245113_/_3245110_1'		0.2	0.47	3.33	0.59	0.3	0.74	1.35 No	0.2 Primary Over-Voltage
SAV071	664	'8485980_/_390551496'		0.17	0.47	3.33	0.59	0.5	0.72	1.35 No	0.17 Primary Over-Voltage
SAV071	665	'43284503_/_3239629'		0.23	0.47	3.33	0.59	0.3	0.74	1.35 No	0.23 Primary Over-Voltage
SAV071	666	'3238017_/_3245110_2'		0.2	0.47	3.33	0.59	0.3	0.74	1.35 No	0.2 Primary Over-Voltage
SAV071	667	'3238083_/_347771169'		0.23	0.47	3.33	0.59	0.3	0.74	1.35 No	0.23 Primary Over-Voltage
SAV071	668	'7852819_/_87245651'		0.17	0.47	3.33	0.59	0.5	0.72	1.35 No	0.17 Primary Over-Voltage
SAV071	669	'7877662_/_8200151_1'		0.23	0.47	3.33	0.59	0.2	0.74	1.35 No	0.2 Element Fault
SAV071	670	'43284492_/_43284494'		0.23	0.47	3.33	0.59	0.5	0.73	1.35 No	0.23 Primary Over-Voltage
SAV071	671	'3239564_/_3239574'		0.23	0.47	3.33	0.59	0.3	0.73	1.35 No	0.23 Primary Over-Voltage
SAV071	672	'7566031_/_155964602'		0.17	0.47	3.33	0.59	0.5	0.74	1.35 No	0.17 Primary Over-Voltage
SAV071	673	'3237939_/_3238015'		0.2	0.47	3.33	0.59	0.3	0.72	1.35 No	0.2 Primary Over-Voltage
SAV071	674	'3238096_/_3238093'		0.23	0.43	3.33	0.59	0.3	0.72	1.35 No	0.23 Primary Over-Voltage
SAV071	675	'3239265_/_3239275'		0.23	0.43	3.33	0.59	0.5	0.72	1.35 No	0.23 Primary Over-Voltage
SAV071	676	'7877729_/_8200151_2'		0.23	0.43	3.33	0.59	0.2	0.72	1.35 No	0.2 Element Fault
SAV071	677	'3239603_/_3239613'		0.23	0.43	3.33	0.59	0.3	0.72	1.35 No	0.23 Primary Over-Voltage
SAV071	678	'3237940_/_3237937'		0.2	0.43	3.33	0.59	0.3	0.72	1.35 No	0.2 Primary Over-Voltage
SAV071	679	'43284525_/_3239561'		0.23	0.43	3.33	0.59	0.3	0.71	1.35 No	0.23 Primary Over-Voltage
SAV071	680	'3237745_/_3238041'		0.2	0.43	3.33	0.59	0.3	0.71	1.35 No	0.2 Primary Over-Voltage
SAV071	681	'3237953_/_3237950'		0.2	0.43	3.33	0.59	0.3	0.71	1.35 No	0.2 Primary Over-Voltage
SAV071	682	'3239264_/_3239262'		0.23	0.43	3.33	0.59	0.5	0.71	1.35 No	0.23 Primary Over-Voltage
SAV071	683	'7565848_/_155962383'		0.17	0.43	3.33	0.59	0.5	0.72	1.35 No	0.17 Primary Over-Voltage
SAV071	684	'3237744_/_3237742_1'		0.2	0.43	3.33	0.59	0.5	0.7	1.35 No	0.2 Primary Over-Voltage
SAV071	685	'3239602_/_3239600'		0.23	0.43	3.33	0.59	0.3	0.7	1.35 No	0.23 Primary Over-Voltage
SAV071	686	'7852818_/_87245666'		0.17	0.43	3.33	0.59	0.5	0.68	1.35 No	0.17 Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SAV071	687	'3239538_/_3239548'	0.23	0.43	3.33	0.59	0.3	0.69	1.35 No	0.23	Primary Over-Voltage
SAV071	688	'3237966_/_3237963'	0.2	0.43	3.33	0.59	0.3	0.69	1.35 No	0.2	Primary Over-Voltage
SAV071	689	'7071714_/_7071712'	0.23	0.43	3.33	0.59	0.5	0.69	1.35 No	0.23	Primary Over-Voltage
SAV071	690	'8175887_/_57943537'	0.17	0.43	3.33	0.59	0.5	0.68	1.35 No	0.17	Primary Over-Voltage
SAV071	691	'390551553_/_390551513_1'	0.17	0.43	3.33	0.59	0.5	0.67	1.35 No	0.17	Primary Over-Voltage
SAV071	692	'3237979_/_3237976'	0.17	0.43	3.33	0.59	0.3	0.68	1.35 No	0.17	Primary Over-Voltage
SAV071	693	'43284514_/_43284516'	0.23	0.43	3.33	0.59	0.3	0.68	1.35 No	0.23	Primary Over-Voltage
SAV071	694	'43284536_/_3239535'	0.23	0.43	3.33	0.59	0.3	0.68	1.35 No	0.23	Primary Over-Voltage
SAV071	695	'7877730_/_7877727_1'	0.2	0.4	3.33	0.59	0.3	0.67	1.35 No	0.2	Primary Over-Voltage
SAV071	696	'45123380_/_2605118'	0.2	0.4	3.33	0.59	0.3	0.66	1.35 No	0.2	Primary Over-Voltage
SAV071	697	'3239524_/_3239522'	0.2	0.4	3.33	0.59	0.3	0.66	1.35 No	0.2	Primary Over-Voltage
SAV071	698	'43176251_/_7071760'	0.2	0.4	3.33	0.59	0.3	0.65	1.35 No	0.2	Primary Over-Voltage
SAV071	699	'43176250_/_2605102'	0.2	0.4	3.33	0.59	0.3	0.64	1.35 No	0.2	Primary Over-Voltage
SAV072	0	'SAV072_/_8176161'	10	10	10	1	10	10	10 No	1	Thermal Discharging
SAV072	1	'7853011_/_8176161'	10	10	10	1	10	10	10	4.86 No	1 Thermal Discharging
SAV072	2	'7853010_/_7853008'	10	10	10	1	10	10	10	4.86 No	1 Thermal Discharging
SAV072	3	'8486149_/_8486147'	10	10	10	1	10	10	10	4.86 No	1 Thermal Discharging
SAV072	4	'2607123_/_9120613'	10	10	10	1	10	10	10	4.86 No	1 Thermal Discharging
SAV072	5	'545482160_/_2607120_2'	10	10	10	1	10	10	10	4.86 No	1 Thermal Discharging
SAV072	6	'2607122_/_2607120_1'	10	10	10	1	10	10	10	4.86 No	1 Thermal Discharging
SAV072	7	'2607174_/_2607228'	10	10	10	1	10	10	10	4.86 No	1 Thermal Discharging
SAV072	8	'2607197_/_2607194'	10	10	10	1	10	10	10	4.86 No	1 Thermal Discharging
SAV072	9	'2607173_/_2607171'	10	10	10	1	10	10	10	4.86 No	1 Thermal Discharging
SAV072	10	'126914108_/_126914056_1'	10	10	10	1	1.5	10	10	4.86 No	1 Thermal Discharging
SAV072	11	'3242437_/_7071606'	10	10	10	1	10	10	10	4.86 No	1 Thermal Discharging
SAV072	12	'3242438_/_3242435'	10	10	10	1	10	10	10	4.86 No	1 Thermal Discharging
SAV072	13	'3242472_/_3242469'	10	10	10	1	10	10	10	4.86 No	1 Thermal Discharging
SAV072	14	'126914045_/_126914056_2'	10	10	10	1	1.5	10	10	4.86 No	1 Thermal Discharging
SAV072	15	'3244109_/_3244106'	10	10	10	1	10	10	10	4.86 No	1 Thermal Discharging
SAV072	16	'3244143_/_3244140'	10	10	10	1	10	10	10	4.86 No	1 Thermal Discharging
SAV072	17	'3244299_/_3244296'	10	10	10	1	10	10	10	4.86 No	1 Thermal Discharging
SAV072	18	'3244319_/_3244316'	9.7	10	10	1	10	10	10	4.86 No	1 Thermal Discharging
SAV072	19	'383118258_/_3244719'	9.5	10	10	1	10	10	10	4.86 No	1 Thermal Discharging
SAV072	20	'383118201_/_383118260'	9	10	10	1	10	10	10	4.86 No	1 Thermal Discharging
SAV072	21	'3244722_/_383118203'	8.8	10	10	1	10	10	10	4.86 No	1 Thermal Discharging
SAV072	22	'3244352_/_3244753'	8.3	10	10	1	10	10	10	4.86 No	1 Thermal Discharging
SAV072	23	'3244176_/_3244350'	8	10	10	1	10	10	10	4.86 No	1 Thermal Discharging
SAV072	24	'3244177_/_3244174'	7.7	10	10	1	10	10	10	4.86 No	1 Thermal Discharging
SAV072	25	'3244387_/_3244384'	7.4	10	10	1	10	10	10	4.86 No	1 Thermal Discharging
SAV072	26	'3244404_/_3244401'	7.1	10	10	1	10	10	10	4.86 No	1 Thermal Discharging
SAV072	27	'3244193_/_3244435'	6.9	10	10	1	10	10	10	4.86 No	1 Thermal Discharging
SAV072	28	'3240025_/_3244191'	6.6	10	10	1	10	10	10	4.86 No	1 Thermal Discharging
SAV072	29	'3240026_/_3240023'	6.4	10	10	1	10	10	10	4.86 No	1 Thermal Discharging
SAV072	30	'3240043_/_3240040'	6.3	10	10	1	10	10	10	4.86 No	1 Thermal Discharging
SAV072	31	'3244915_/_3244912'	6.1	10	10	1	10	10	10	4.86 No	1 Thermal Discharging
SAV072	32	'3244932_/_3244929'	5.9	10	10	1	10	10	10	4.86 No	1 Thermal Discharging
SAV072	33	'3263191_/_3263188'	5.8	10	10	1	10	10	10	4.86 No	1 Thermal Discharging
SAV072	34	'3232780_/_3263205'	5.7	10	10	1	10	10	10	4.86 No	1 Thermal Discharging
SAV072	35	'3232746_/_3232778'	5.5	10	10	1	10	10	10	4.86 No	1 Thermal Discharging
SAV072	36	'3232712_/_3232744'	5.4	10	10	1	10	10	10	4.86 No	1 Thermal Discharging
SAV072	37	'3232678_/_3232710'	5.3	10	10	1	10	10	10	4.86 No	1 Thermal Discharging
SAV072	38	'3232644_/_3232676'	5.2	10	10	1	10	10	10	4.86 No	1 Thermal Discharging
SAV072	39	'3232610_/_3232642'	5.1	10	10	1	10	10	10	4.86 No	1 Thermal Discharging
SAV072	40	'3232576_/_3232608'	5	10	10	1	10	10	10	4.86 No	1 Thermal Discharging
SAV072	41	'3232542_/_3232574'	4.9	10	10	1	10	10	10	4.86 No	1 Thermal Discharging
SAV072	42	'3232508_/_3232540'	4.8	10	10	1	10	10	10	4.86 No	1 Thermal Discharging
SAV072	43	'3232474_/_3232506'	4.7	10	10	1	10	10	10	4.86 No	1 Thermal Discharging
SAV072	44	'3232440_/_3232472'	4.5	10	10	1	10	10	10	4.86 No	1 Thermal Discharging
SAV072	45	'3232441_/_3232438'	4.4	10	10	1	10	10	10	4.86 No	1 Thermal Discharging
SAV072	46	'3240978_/_3241010'	4.4	10	10	1	10	10	10	4.86 No	1 Thermal Discharging
SAV072	47	'3240944_/_3240976'	4.3	10	10	1	10	10	10	4.86 No	1 Thermal Discharging
SAV072	48	'3240910_/_3240942'	4.2	10	10	1	10	10	10	4.86 No	1 Thermal Discharging
SAV072	49	'3240876_/_3240908'	4.2	10	10	1	10	10	10	4.86 No	1 Thermal Discharging
SAV072	50	'3240842_/_3240874'	4.1	10	10	1	10	10	10	4.86 No	1 Thermal Discharging
SAV072	51	'3240802_/_3240840'	4.1	10	10	1	10	10	10	4.86 No	1 Thermal Discharging
SAV072	52	'3240768_/_3240800'	4	10	10	1	10	10	10	4.86 No	1 Thermal Discharging
SAV072	53	'3240734_/_3240766'	3.9	10	10	1	10	10	10	4.86 No	1 Thermal Discharging
SAV072	54	'3235357_/_43282831_1'	1.3	3.33	3.33	0.33	0.5	3.33	1.62 No	0.33	Thermal Discharging
SAV072	55	'3240700_/_3240732'	3.9	10	10	1	10	10	10	4.86 No	1 Thermal Discharging
SAV072	56	'3240666_/_3240698'	3.8	10	10	1	10	10	10	4.86 No	1 Thermal Discharging
SAV072	57	'3240649_/_3240664'	3.8	10	10	1	10	10	10	4.86 No	1 Thermal Discharging
SAV072	58	'3232814_/_3240647'	3.7	10	10	1	1.6	10	10	4.86 No	1 Thermal Discharging
SAV072	59	'3261304_/_3261301'	3.7	10	10	1	5	10	10	4.86 No	1 Thermal Discharging
SAV072	60	'43282933_/_3232812'	3.7	10	10	1	1.6	10	10	4.86 No	1 Thermal Discharging
SAV072	61	'3261340_/_3261354_1'	3.7	10	10	1	1.8	10	10	4.86 No	1 Thermal Discharging
SAV072	62	'3240300_/_3240610'	3.7	10	10	1	1.6	10	10	4.86 No	1 Thermal Discharging
SAV072	63	'43282743_/_43282745'	3.7	10	10	1	1.6	10	10	4.86 No	1 Thermal Discharging
SAV072	64	'3235174_/_3235172_1'	3.6	10	10	1	1.6	10	10	4.86 No	1 Thermal Discharging
SAV072	65	'3240301_/_3240298'	3.7	10	10	1	1.6	10	10	4.86 No	1 Thermal Discharging
SAV072	66	'3261357_/_3261354_2'	3.5	9.9	10	1	1.8	10	10	4.86 No	1 Thermal Discharging
SAV072	67	'329839059_/_329839078'	3.6	9.8	10	1	5.4	10	10	4.86 No	1 Thermal Discharging
SAV072	68	'43282840_/_3240332'	3.6	9.8	10	1	1.6	10	10	4.86 No	1 Thermal Discharging
SAV072	69	'8831148_/_8831146_1'	3.5	9.9	10	1	1.2	10	10	4.86 No	1 Thermal Discharging
SAV072	70	'3240318_/_3240315'	3.6	9.7	10	1	1.6	10	10	4.86 No	1 Thermal Discharging
SAV072	71	'3240525_/_3240522'	3.6	9.7	10	1	1.6	10	10	4.86 No	1 Thermal Discharging
SAV072	72	'3235408_/_3240349_2'	3.5	9.6	10	1	1.6	10	10	4.86 No	1 Thermal Discharging
SAV072	73	'43282853_/_3240349_1'	3.5	9.6	10	1	1.5	10	10	4.86 No	1 Thermal Discharging
SAV072	74	'43282866_/_3240366'	3.5	9.5	10	1	1.6	10	10	4.86 No	1 Thermal Discharging
SAV072	75	'3235358_/_43282831_2'	1.13	3.17	3.33	0.33	0.5	3.33	1.62 No	0.33	Thermal Discharging
SAV072	76	'3240389_/_3240386'	3.5	9.5	10	1	1.6	10	10	4.86 No	1 Thermal Discharging
SAV072	77	'8831149_/_8831146_2'	3.4	9.4	10	1	1.2	10	10	4.86 No	1 Thermal Discharging
SAV072	78	'385002570_/_385002542_1'	3.4	9.4	10	1	1.5	10	10	4.86 No	1 Thermal Discharging
SAV072	79	'3240406_/_3240403'	3.4	9.4	10	1	1.6	10	10	4.86 No	1 Thermal Discharging
SAV072	80	'3261327_/_3261324'	1.17	3.1	3.33	0.33	0.6	3.33	1.62 No	0.33	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SAV072	81	'326306362_/326306339_1'	3.4	9.4	10	1	1.5	10	4.86 No	1	Thermal Discharging
SAV072	82	'3235175_/3235172_2'	3.4	9.3	10	1	1.6	10	4.86 No	1	Thermal Discharging
SAV072	83	'439154006_/3235189'	3.4	9.3	10	1	1.6	10	4.86 No	1	Thermal Discharging
SAV072	84	'8510518_/8510515'	3.4	9.2	10	1	1.6	10	4.86 No	1	Thermal Discharging
SAV072	85	'3240423_/3240420'	3.4	9.2	10	1	1.6	10	4.86 No	1	Thermal Discharging
SAV072	86	'3235388_/3235405'	3.4	9.1	10	1	1.5	10	4.86 No	1	Thermal Discharging
SAV072	87	'439154102_/439154049_2'	3.4	9.3	10	1	1.6	10	4.86 No	1	Thermal Discharging
SAV072	88	'3240440_/3240437'	3.3	9	10	1	1.6	10	4.86 No	1	Thermal Discharging
SAV072	89	'3243162_/3243159'	3.3	8.9	10	1	1.6	10	4.86 No	1	Thermal Discharging
SAV072	90	'43284758_/3243176'	3.2	8.9	10	1	1.6	10	4.86 No	1	Thermal Discharging
SAV072	91	'3244012_/3243992'	3.2	8.8	10	1	1.6	10	4.86 No	1	Thermal Discharging
SAV072	92	'114371021_/7566550_2'	3.2	8.8	10	1	1.6	10	4.86 No	1	Thermal Discharging
SAV072	93	'7566552_/7566550_1'	3.2	8.8	10	1	1.6	10	4.86 No	1	Thermal Discharging
SAV072	94	'43284784_/43284760'	3.2	8.8	10	1	1.6	10	4.86 No	1	Thermal Discharging
SAV072	95	'385002523_/385002542_2'	3.2	8.8	10	1	1.5	10	4.86 No	1	Thermal Discharging
SAV072	96	'43284771_/43284786'	3.2	8.7	10	1	1.6	10	4.86 No	1	Thermal Discharging
SAV072	97	'449844489_/384820169_2'	3.2	8.7	10	1	1.6	10	4.86 No	1	Thermal Discharging
SAV072	98	'3235212_/3235209'	3.1	8.6	10	1	1.6	10	4.86 No	1	Thermal Discharging
SAV072	99	'3235371_/3235385'	3.1	8.5	10	1	1.5	10	4.86 No	1	Thermal Discharging
SAV072	100	'8200655_/8200653_1'	3.1	8.5	10	1	0.9	10	4.86 No	0.9	Element Fault
SAV072	101	'9721865_/326306339_2'	3.1	8.4	10	1	1.5	10	4.86 No	1	Thermal Discharging
SAV072	102	'114371093_/8829364_1'	3.1	8.4	10	1	1.6	9.96	4.86 No	1	Thermal Discharging
SAV072	103	'8444568_/439154049_1'	3	8.2	10	1	1	10	4.86 No	1	Thermal Discharging
SAV072	104	'3235370_/3235368'	3	8.1	10	1	1.5	9.89	4.86 No	1	Thermal Discharging
SAV072	105	'3235229_/3235226'	2.9	8	10	1	1.6	9.92	4.86 No	1	Thermal Discharging
SAV072	106	'3235249_/3235246'	2.7	7.5	10	1	1.6	9.47	4.86 No	1	Thermal Discharging
SAV072	107	'7565349_/8510455_1'	2.7	7.4	10	1	1	9.39	4.86 No	1	Thermal Discharging
SAV072	108	'3235269_/3235266'	0.9	2.47	3.33	0.33	0.53	3.12	1.62 No	0.33	Thermal Discharging
SAV072	109	'8510458_/8510455_2'	2.6	7.2	10	1	1	9.21	4.86 No	1	Thermal Discharging
SAV072	110	'7218028_/8200653_2'	2.5	6.8	10	1	0.9	8.93	4.86 No	0.9	Element Fault
SAV072	111	'43282732_/43282734'	0.87	2.23	3.33	0.33	0.53	2.91	1.62 No	0.33	Thermal Discharging
SAV072	112	'3235281_/3235279'	0.8	2.03	3.33	0.33	0.53	2.72	1.62 No	0.33	Thermal Discharging
SAV072	113	'7218029_/7218026'	2.1	5.8	10	1	0.9	7.98	4.86 No	0.9	Element Fault
SAV072	114	'7566607_/8200693_2'	2.1	5.8	10	1	0.9	7.93	4.86 No	0.9	Element Fault
SAV073	0	'SAV073_/9120553'	10	10	10	1.13	10	10	10 No	1.13	Thermal Discharging
SAV073	1	'9120555_/9120553'	10	10	10	1.13	10	10	4.97 No	1.13	Thermal Discharging
SAV073	2	'43175271_/9120593'	10	10	10	1.13	10	10	4.97 No	1.13	Thermal Discharging
SAV073	3	'546926127_/2617605_2'	10	10	10	1.13	10	10	4.97 No	1.13	Thermal Discharging
SAV073	4	'2617607_/2617605_1'	10	10	10	1.13	10	10	4.97 No	1.13	Thermal Discharging
SAV073	5	'112623784_/2617656'	10	10	10	1.13	10	10	4.97 No	1.13	Thermal Discharging
SAV073	6	'111515639_/2617679'	10	10	10	1.13	10	10	4.97 No	1.13	Thermal Discharging
SAV073	7	'111516587_/111516303'	10	10	10	1.13	10	10	4.97 No	1.13	Thermal Discharging
SAV073	8	'111518541_/111516344_3'	10	10	10	1.13	10	10	4.97 No	1.13	Thermal Discharging
SAV073	9	'111516080_/111516253'	10	10	10	1.13	10	10	4.97 No	1.13	Thermal Discharging
SAV073	10	'2607089_/111516098'	10	10	10	1.13	10	10	4.97 No	1.13	Thermal Discharging
SAV073	11	'2607072_/2607086'	10	10	10	1.13	10	10	4.97 No	1.13	Thermal Discharging
SAV073	12	'2607071_/2607069'	10	10	10	1.13	10	10	4.97 No	1.13	Thermal Discharging
SAV073	13	'2606343_/2607271'	10	10	10	1.13	10	10	4.97 No	1.13	Thermal Discharging
SAV073	14	'2606326_/2606340'	10	10	10	1.13	10	10	4.97 No	1.13	Thermal Discharging
SAV073	15	'2606309_/2606323'	10	10	10	1.13	10	10	4.97 No	1.13	Thermal Discharging
SAV073	16	'729645256_/2606391_1'	10	10	10	1.13	10	10	4.97 No	1.13	Thermal Discharging
SAV073	17	'2606292_/2606306'	10	10	10	1.13	10	10	4.97 No	1.13	Thermal Discharging
SAV073	18	'2606275_/2606289'	10	10	10	1.13	10	10	4.97 No	1.13	Thermal Discharging
SAV073	19	'2602390_/2606272'	10	10	10	1.13	10	10	4.97 No	1.13	Thermal Discharging
SAV073	20	'2606482_/2606479'	10	10	10	1.13	10	10	4.97 No	1.13	Thermal Discharging
SAV073	21	'65771202_/2602367_2'	10	10	10	1.13	6.2	10	4.97 No	1.13	Thermal Discharging
SAV073	22	'2606499_/2606496'	10	10	10	1.13	10	10	4.97 No	1.13	Thermal Discharging
SAV073	23	'2606516_/2606513'	9.7	10	10	1.13	10	10	4.97 No	1.13	Thermal Discharging
SAV073	24	'7160760_/2606547_1'	9.7	10	10	1.13	10	10	4.97 No	1.13	Thermal Discharging
SAV073	25	'2606550_/2606547_2'	9.4	10	10	1.13	10	10	4.97 No	1.13	Thermal Discharging
SAV073	26	'2602369_/2602367_1'	9.2	10	10	1.13	3.3	10	4.97 No	1.13	Thermal Discharging
SAV073	27	'2606590_/2606587'	9	10	10	1.13	10	10	4.97 No	1.13	Thermal Discharging
SAV073	28	'716695676_/716695620_2'	9	10	10	1.13	5.7	10	4.97 No	1.13	Thermal Discharging
SAV073	29	'2606607_/2606604'	8.8	10	10	1.13	10	10	4.97 No	1.13	Thermal Discharging
SAV073	30	'2606624_/2606621'	8.5	10	10	1.13	10	10	4.97 No	1.13	Thermal Discharging
SAV073	31	'350154910_/350154827_1'	2.93	3.33	3.33	0.38	0.5	3.33	1.66 No	0.38	Thermal Discharging
SAV073	32	'2606448_/2606774'	8.2	10	10	1.13	10	10	4.97 No	1.13	Thermal Discharging
SAV073	33	'7226099_/7226096_2'	8.2	10	10	1.13	5.4	10	4.97 No	1.13	Thermal Discharging
SAV073	34	'43175152_/43175154'	8	10	10	1.13	10	10	4.97 No	1.13	Thermal Discharging
SAV073	35	'7541570_/716695620_1'	8.1	10	10	1.13	1.8	10	4.97 No	1.13	Thermal Discharging
SAV073	36	'2602410_/43175130'	7.8	10	10	1.13	3.3	10	4.97 No	1.13	Thermal Discharging
SAV073	37	'76702415_/2606428'	7.8	10	10	1.13	10	10	4.97 No	1.13	Thermal Discharging
SAV073	38	'7226098_/7226096_1'	7.7	10	10	1.13	1.5	10	4.97 No	1.13	Thermal Discharging
SAV073	39	'2602764_/2606167'	7.5	10	10	1.13	10	10	4.97 No	1.13	Thermal Discharging
SAV073	40	'2606116_/2606130'	7.4	10	10	1.13	10	10	4.97 No	1.13	Thermal Discharging
SAV073	41	'2602763_/2602761_1'	2.5	3.33	3.33	0.38	1.2	3.33	1.66 No	0.38	Thermal Discharging
SAV073	42	'584717722_/2602761_2'	2.5	3.33	3.33	0.38	0.5	3.33	1.66 No	0.38	Thermal Discharging
SAV073	43	'2602202_/2606113'	7.2	10	10	1.13	10	10	4.97 No	1.13	Thermal Discharging
SAV073	44	'2606150_/44079469'	6.9	10	10	1.13	10	10	4.97 No	1.13	Thermal Discharging
SAV073	45	'43174981_/2606079'	6.9	10	10	1.13	10	10	4.97 No	1.13	Thermal Discharging
SAV073	46	'2602751_/2602761_3'	2.43	3.33	3.33	0.38	0.5	3.33	1.66 No	0.38	Thermal Discharging
SAV073	47	'357461469_/7177716_1'	4.47	6.67	6.67	0.16	3.3	6.67	3.32 No	0.16	Thermal Discharging
SAV073	48	'2606062_/2606096'	6.6	10	10	1.13	10	10	4.97 No	1.13	Thermal Discharging
SAV073	49	'8175623_/8175621_1'	6.5	10	10	1.13	1.7	10	4.97 No	1.13	Thermal Discharging
SAV073	50	'240580156_/7177716_2'	4.47	6.67	6.67	0.16	3.3	6.67	3.32 No	0.16	Thermal Discharging
SAV073	51	'2606045_/44079523'	6.5	10	10	1.13	10	10	4.97 No	1.13	Thermal Discharging
SAV073	52	'8437871_/9700488_1'	2.17	3.33	3.33	0.38	0.5	3.33	1.66 No	0.38	Thermal Discharging
SAV073	53	'2602738_/2602761_4'	2.23	3.33	3.33	0.38	0.5	3.33	1.66 No	0.38	Thermal Discharging
SAV073	54	'2602143_/2606042'	6.3	10	10	1.13	10	10	4.97 No	1.13	Thermal Discharging
SAV073	55	'2602669_/7177716_3'	4	6.67	6.67	0.16	3.3	6.67	3.32 No	0.16	Thermal Discharging
SAV073	56	'43174957_/2606025'	6.2	10	10	1.13	10	10	4.97 No	1.13	Thermal Discharging
SAV073	57	'584717754_/2602141_1'	2.1	3.33	3.33	0.38	0.5	3.33	1.66 No	0.38	Thermal Discharging
SAV073	58	'7541569_/7541567'	6.1	10	10	1.13	1.8	10	4.97 No	1.13	Thermal Discharging
SAV073	59	'69565206_/2609019'	6.1	10	10	1.13	10	10	4.97 No	1.13	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SAV073	60	'8755258_/_9389148_1'		6	10	10	1.13	1.5	10	4.97 No	1.13 Thermal Discharging
SAV073	61	'2602144_/_2602141_2'		2.07	3.33	3.33	0.38	0.5	3.33	1.66 No	0.38 Thermal Discharging
SAV073	62	'2609038_/_2609036'		5.9	10	10	1.13	10	10	4.97 No	1.13 Thermal Discharging
SAV073	63	'7544045_/_8175621_2'		5.7	10	10	1.13	1.7	10	4.97 No	1.13 Thermal Discharging
SAV073	64	'43174970_/_2602141_3'		2	3.33	3.33	0.38	0.5	3.33	1.66 No	0.38 Thermal Discharging
SAV073	65	'2609058_/_2609056'		5.8	10	10	1.13	10	10	4.97 No	1.13 Thermal Discharging
SAV073	66	'2602170_/_2602790'		1.97	3.33	3.33	0.38	0.5	3.33	1.66 No	0.38 Thermal Discharging
SAV073	67	'7852428_/_7852426'		5.7	10	10	1.13	1.8	10	4.97 No	1.13 Thermal Discharging
SAV073	68	'2609075_/_2609073'		5.7	10	10	1.13	10	10	4.97 No	1.13 Thermal Discharging
SAV073	69	'2658240_/_2658255'		5.5	10	10	1.13	10	10	4.97 No	1.13 Thermal Discharging
SAV073	70	'69565196_/_7161844'		5.5	10	10	1.13	10	10	4.97 No	1.13 Thermal Discharging
SAV073	71	'44079506_/_2658238'		5.5	10	10	1.13	10	10	4.97 No	1.13 Thermal Discharging
SAV073	72	'7806105_/_9073219_2'		5.4	10	10	1.13	5.4	10	4.97 No	1.13 Thermal Discharging
SAV073	73	'357461440_/_2602180_1'		5.2	10	10	1.13	3.4	10	4.97 No	1.13 Thermal Discharging
SAV073	74	'2602670_/_2602667'		3.47	6.67	6.67	0.16	3.3	6.67	3.32 No	0.16 Thermal Discharging
SAV073	75	'8802126_/_8802124'		5.3	10	10	1.13	1.8	10	4.97 No	1.13 Thermal Discharging
SAV073	76	'2658241_/_44079510'		5.4	10	10	1.13	10	10	4.97 No	1.13 Thermal Discharging
SAV073	77	'2658287_/_2659003'		5.3	10	10	1.13	10	10	4.97 No	1.13 Thermal Discharging
SAV073	78	'2602725_/_2602735'		1.8	3.33	3.33	0.38	0.5	3.33	1.66 No	0.38 Thermal Discharging
SAV073	79	'9119991_/_350154827_2'		1.77	3.33	3.33	0.38	0.5	3.33	1.66 No	0.38 Thermal Discharging
SAV073	80	'43175188_/_43174972'		1.77	3.33	3.33	0.38	0.5	3.33	1.66 No	0.38 Thermal Discharging
SAV073	81	'2658274_/_2658272_1'		1.77	3.33	3.33	0.38	0.5	3.33	1.66 No	0.38 Thermal Discharging
SAV073	82	'127296283_/_9389148_2'		5.1	10	10	1.13	1.5	10	4.97 No	1.13 Thermal Discharging
SAV073	83	'43174800_/_2602180_2'		4.9	10	10	1.13	3.4	10	4.97 No	1.13 Thermal Discharging
SAV073	84	'2658207_/_2658600'		5.2	10	10	1.13	10	10	4.97 No	1.13 Thermal Discharging
SAV073	85	'2658539_/_2658536'		5.1	10	10	1.13	10	10	4.97 No	1.13 Thermal Discharging
SAV073	86	'2658206_/_2658204'		5.1	10	10	1.13	10	10	4.97 No	1.13 Thermal Discharging
SAV073	87	'43175758_/_2658583'		5.1	10	10	1.13	10	10	4.97 No	1.13 Thermal Discharging
SAV073	88	'2658224_/_2658221'		5.1	10	10	1.13	10	10	4.97 No	1.13 Thermal Discharging
SAV073	89	'2658556_/_9434508_1'		5.1	10	10	1.13	1.6	10	4.97 No	1.13 Thermal Discharging
SAV073	90	'127296246_/_127296392'		4.8	10	10	1.13	1.5	10	4.97 No	1.13 Thermal Discharging
SAV073	91	'43174994_/_43174996'		1.67	3.33	3.33	0.38	0.5	3.33	1.66 No	0.38 Thermal Discharging
SAV073	92	'7541803_/_7544043'		4.6	10	10	1.13	1.7	10	4.97 No	1.13 Thermal Discharging
SAV073	93	'8437610_/_9073219_1'		4.8	10	10	1.13	1.5	10	4.97 No	1.13 Thermal Discharging
SAV073	94	'43185326_/_43185328'		4.9	10	10	1.13	10	10	4.97 No	1.13 Thermal Discharging
SAV073	95	'7541804_/_7541801'		4.5	10	10	1.13	1.7	10	4.97 No	1.13 Thermal Discharging
SAV073	96	'2602657_/_2602680'		3	6.67	6.67	0.16	3.3	6.67	3.32 No	0.16 Thermal Discharging
SAV073	97	'9434511_/_9434508_2'		4.8	10	10	1.13	1.6	10	4.97 No	1.13 Thermal Discharging
SAV073	98	'9073201_/_9073199'		4.6	10	10	1.13	1.5	10	4.97 No	1.13 Thermal Discharging
SAV073	99	'7494057_/_9700354'		3.07	6.67	6.67	0.75	1	6.67	3.32 No	0.75 Thermal Discharging
SAV073	100	'2602806_/_43175190'		1.6	3.33	3.33	0.38	0.5	3.33	1.66 No	0.38 Thermal Discharging
SAV073	101	'49963123_/_2660248_1'		4.7	10	10	1.13	10	10	4.97 No	1.13 Thermal Discharging
SAV073	102	'2660267_/_2660248_2'		4.7	10	10	1.13	10	10	4.97 No	1.13 Thermal Discharging
SAV073	103	'2666237_/_2666255'		4.6	10	10	1.13	10	10	4.97 No	1.13 Thermal Discharging
SAV073	104	'602626287_/_602626291'		4.4	10	10	1.13	1.5	10	4.97 No	1.13 Thermal Discharging
SAV073	105	'2660234_/_2666235'		4.5	10	10	1.13	10	10	4.97 No	1.13 Thermal Discharging
SAV073	106	'602626246_/_602626306'		4.4	10	10	1.13	1.5	10	4.97 No	1.13 Thermal Discharging
SAV073	107	'412701013_/_2658570'		1.5	3.33	3.33	0.38	1.2	3.33	1.66 No	0.38 Thermal Discharging
SAV073	108	'2658497_/_2658494_1'		1.5	3.33	3.33	0.38	0.5	3.33	1.66 No	0.38 Thermal Discharging
SAV073	109	'43175771_/_2658494_2'		1.5	3.33	3.33	0.38	0.5	3.33	1.66 No	0.38 Thermal Discharging
SAV073	110	'239776667_/_2672160'		4.4	10	10	1.13	10	10	4.97 No	1.13 Thermal Discharging
SAV073	111	'43175820_/_43174802'		4.1	10	10	1.13	3.4	10	4.97 No	1.13 Thermal Discharging
SAV073	112	'412371142_/_239776669'		4.4	10	10	1.13	10	10	4.97 No	1.13 Thermal Discharging
SAV073	113	'34588268_/_8132565'		3.7	10	10	1.13	1.5	10	4.97 No	1.13 Thermal Discharging
SAV073	114	'2660233_/_2660231_2'		4.4	10	10	1.13	6.2	10	4.97 No	1.13 Thermal Discharging
SAV073	115	'427151879_/_412371182_1'		4.4	10	10	1.13	10	10	4.97 No	1.13 Thermal Discharging
SAV073	116	'592814224_/_412371144_1'		4.4	10	10	1.13	10	10	4.97 No	1.13 Thermal Discharging
SAV073	117	'2602644_/_2602654'		2.73	6.67	6.67	0.16	3.3	6.67	3.32 No	0.16 Thermal Discharging
SAV073	118	'43175747_/_2658272_2'		1.5	3.33	3.33	0.38	0.5	3.33	1.66 No	0.38 Thermal Discharging
SAV073	119	'38142077_/_9700488_2'		1.47	3.33	3.33	0.38	0.5	3.33	1.66 No	0.38 Thermal Discharging
SAV073	120	'592814258_/_592813904_2'		4.4	10	10	1.13	5.4	10	4.97 No	1.13 Thermal Discharging
SAV073	121	'2672183_/_2660231_1'		4.4	10	10	1.13	3.4	10	4.97 No	1.13 Thermal Discharging
SAV073	122	'45024099_/_2602154'		1.43	3.33	3.33	0.38	0.5	3.33	1.66 No	0.38 Thermal Discharging
SAV073	123	'2602699_/_2602696'		1.47	3.33	3.33	0.08	1.6	3.33	1.66 No	0.08 Thermal Discharging
SAV073	124	'43175176_/_43175178'		1.4	3.33	3.33	0.38	0.5	3.33	1.66 No	0.38 Thermal Discharging
SAV073	125	'538084801_/_602626250'		3.9	10	10	1.13	1.5	10	4.97 No	1.13 Thermal Discharging
SAV073	126	'2602605_/_2602641'		2.53	6.67	6.67	0.16	3.3	6.67	3.32 No	0.16 Thermal Discharging
SAV073	127	'122731409_/_9119929'		3.9	10	10	1.13	1.8	10	4.97 No	1.13 Thermal Discharging
SAV073	128	'2671634_/_2672197'		3.8	10	10	1.13	3.4	10	4.97 No	1.13 Thermal Discharging
SAV073	129	'2658513_/_44070155'		1.27	3.33	3.33	0.38	0.5	3.33	1.66 No	0.38 Thermal Discharging
SAV073	130	'43174813_/_2602628'		2.33	6.67	6.67	0.16	3.3	6.67	3.32 No	0.16 Thermal Discharging
SAV073	131	'8178628_/_8805822_1'		3.8	10	10	1.13	1.6	10	4.97 No	1.13 Thermal Discharging
SAV073	132	'2658275_/_43175749'		1.23	3.33	3.33	0.38	0.5	3.33	1.66 No	0.38 Thermal Discharging
SAV073	133	'7544066_/_7544063'		3.4	10	10	1.13	1.7	10	4.97 No	1.13 Thermal Discharging
SAV073	134	'2670894_/_2670905'		3.4	10	10	1.13	3.4	10	4.97 No	1.13 Thermal Discharging
SAV073	135	'49931169_/_7544083_1'		3.4	10	10	1.13	1.5	10	4.97 No	1.13 Thermal Discharging
SAV073	136	'2602617_/_2602615_1'		2.27	6.67	6.67	0.16	3.3	6.67	3.32 No	0.16 Thermal Discharging
SAV073	137	'40674814_/_8437608'		1.23	3.33	3.33	0.38	0.5	3.33	1.66 No	0.38 Thermal Discharging
SAV073	138	'40980197_/_9076171'		2.8	8.9	10	1.13	1.5	10	4.97 No	1.13 Thermal Discharging
SAV073	139	'43185161_/_2670743'		1.27	3.33	3.33	0.08	1.6	3.33	1.66 No	0.08 Thermal Discharging
SAV073	140	'9700491_/_44088884'		1.23	3.33	3.33	0.38	0.5	3.33	1.66 No	0.38 Thermal Discharging
SAV073	141	'8132567_/_44102544'		1.17	3.33	3.33	0.38	0.5	3.33	1.66 No	0.38 Thermal Discharging
SAV073	142	'8805825_/_8805822_2'		3.6	10	10	1.13	1.6	10	4.97 No	1.13 Thermal Discharging
SAV073	143	'2602592_/_2602602'		1.27	3.33	3.33	0.08	1.1	3.33	1.66 No	0.08 Thermal Discharging
SAV073	144	'9119992_/_9119989'		1.2	3.33	3.33	0.38	0.5	3.33	1.66 No	0.38 Thermal Discharging
SAV073	145	'43175038_/_43175040'		1.2	3.33	3.33	0.38	0.5	3.33	1.66 No	0.38 Thermal Discharging
SAV073	146	'38870511_/_44092341'		1.17	3.33	3.33	0.38	0.5	3.33	1.66 No	0.38 Thermal Discharging
SAV073	147	'384055343_/_2670892'		1.13	3.33	3.33	0.38	1.13	3.33	1.66 No	0.38 Thermal Discharging
SAV073	148	'122731489_/_122731500'		3.4	10	10	1.13	1.8	10	4.97 No	1.13 Thermal Discharging
SAV073	149	'2602618_/_2602615_2'		2.13	6.67	6.67	0.16	3.3	6.67	3.32 No	0.16 Thermal Discharging
SAV073	150	'2671633_/_2671631'		3.5	10	10	1.13	3.4	10	4.97 No	1.13 Thermal Discharging
SAV073	151	'2605611_/_2658523'		1.13	3.33	3.33	0.38	0.5	3.33	1.66 No	0.38 Thermal Discharging
SAV073	152	'43185300_/_2671654'		3.4	10	10	1.13	3.4	10	4.97 No	1.13 Thermal Discharging
SAV073	153	'398713668_/_398713672'		3.3	10	10	1.13	1.8	10	4.97 No	1.13 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
											VSR (MW)	Limiting Threshold
SAV073	154	'2671657_/43185302'		3.3	10	10	1.13	3.4	10	4.97 No	1.13	Thermal Discharging
SAV073	155	'2602579_/2670756'		1.13	3.33	3.33	0.08	1.6	3.33	1.66 No	0.08	Thermal Discharging
SAV073	156	'479648263_/479648233_1'		3.2	10	10	1.13	1.5	10	4.97 No	1.13	Thermal Discharging
SAV073	157	'357461505_/384055345_1'		1.13	3.33	3.33	0.38	0.8	3.33	1.66 No	0.38	Thermal Discharging
SAV073	158	'398713711_/398713730'		3.2	10	10	1.13	1.8	10	4.97 No	1.13	Thermal Discharging
SAV073	159	'677359426_/592813904_1'		3.2	10	10	1.13	2.3	10	4.97 No	1.13	Thermal Discharging
SAV073	160	'2602591_/2602589'		1.13	3.33	3.33	0.08	1.1	3.33	1.66 No	0.08	Thermal Discharging
SAV073	161	'75089840_/75089845'		1.07	3.33	3.33	0.38	0.5	3.33	1.66 No	0.38	Thermal Discharging
SAV073	162	'398713758_/398713799'		3.1	9.9	10	1.13	1.8	10	4.97 No	1.13	Thermal Discharging
SAV073	163	'2671674_/2671671'		3.1	9.7	10	1.13	3.4	10	4.97 No	1.13	Thermal Discharging
SAV073	164	'592814493_/592813743_2'		3	9.7	10	1.13	3.4	10	4.97 No	1.13	Thermal Discharging
SAV073	165	'2604090_/384055345_2'		1.07	3.2	3.33	0.38	0.8	3.33	1.66 No	0.38	Thermal Discharging
SAV073	166	'2617810_/2617820'		1	3.2	3.33	0.38	0.5	3.33	1.66 No	0.38	Thermal Discharging
SAV073	167	'2602566_/2602576'		1.03	3.17	3.33	0.08	1.6	3.33	1.66 No	0.08	Thermal Discharging
SAV073	168	'43175808_/2654497'		1	3.13	3.33	0.38	0.5	3.33	1.66 No	0.38	Thermal Discharging
SAV073	169	'2605412_/2605609'		1	3.13	3.33	0.38	0.5	3.33	1.66 No	0.38	Thermal Discharging
SAV073	170	'43174824_/2605716'		1.87	6.27	6.67	0.16	3.3	6.67	3.32 No	0.16	Thermal Discharging
SAV073	171	'677359366_/677359453'		2.9	9.3	10	1.13	2.3	10	4.97 No	1.13	Thermal Discharging
SAV073	172	'75089866_/75089877'		0.97	3.1	3.33	0.38	0.5	3.33	1.66 No	0.38	Thermal Discharging
SAV073	173	'40674770_/8438078'		0.97	3.07	3.33	0.38	0.5	3.33	1.66 No	0.38	Thermal Discharging
SAV073	174	'427151936_/412371182_2'		2.9	9.2	10	1.13	10	10	4.97 No	1.13	Thermal Discharging
SAV073	175	'2617809_/2617807'		0.97	3.07	3.33	0.38	0.5	3.33	1.66 No	0.38	Thermal Discharging
SAV073	176	'592814326_/592813743_1'		2.9	9.2	10	1.13	2.3	10	4.97 No	1.13	Thermal Discharging
SAV073	177	'122731445_/122731542'		2.8	9.2	10	1.13	1.8	10	4.97 No	1.13	Thermal Discharging
SAV073	178	'592814346_/677359385'		2.8	9	10	1.13	2.3	10	4.97 No	1.13	Thermal Discharging
SAV073	179	'538084866_/44102533'		0.9	2.97	3.33	0.38	0.5	3.29	1.66 No	0.38	Thermal Discharging
SAV073	180	'2602550_/2602563'		0.97	2.97	3.33	0.08	1.6	3.33	1.66 No	0.08	Thermal Discharging
SAV073	181	'2670719_/43175029'		0.93	2.9	3.33	0.38	0.5	3.33	1.66 No	0.38	Thermal Discharging
SAV073	182	'2604103_/2604100'		0.93	2.8	3.33	0.38	0.8	3.33	1.66 No	0.38	Thermal Discharging
SAV073	183	'43175954_/2617917'		0.93	2.77	3.33	0.38	0.8	3.33	1.66 No	0.38	Thermal Discharging
SAV073	184	'2605719_/43174826'		1.6	5.47	6.67	0.16	3.3	6.67	3.32 No	0.16	Thermal Discharging
SAV073	185	'43176324_/2605410'		0.87	2.73	3.33	0.38	0.5	3.33	1.66 No	0.38	Thermal Discharging
SAV073	186	'2605188_/43175810'		0.87	2.73	3.33	0.38	0.5	3.33	1.66 No	0.38	Thermal Discharging
SAV073	187	'592813727_/592814412'		2.5	7.8	10	1.13	2.3	9.98	4.97 No	1.13	Thermal Discharging
SAV073	188	'7541550_/122731450'		2.4	7.8	10	1.13	1.8	10	4.97 No	1.13	Thermal Discharging
SAV073	189	'43175005_/2670717'		0.83	2.6	3.33	0.38	0.5	3.33	1.66 No	0.38	Thermal Discharging
SAV073	190	'43175833_/2605742'		1.53	5.13	6.67	0.16	3.3	6.67	3.32 No	0.16	Thermal Discharging
SAV073	191	'2617959_/2602547'		0.83	2.53	3.33	0.08	1.2	3.32	1.66 No	0.08	Thermal Discharging
SAV073	192	'7541549_/7541547'		2.3	7.6	10	1.13	1.8	10	4.97 No	1.13	Thermal Discharging
SAV073	193	'2604116_/2604113'		0.83	2.47	3.33	0.38	0.8	3.33	1.66 No	0.38	Thermal Discharging
SAV073	194	'2605426_/43176326'		0.77	2.43	3.33	0.38	0.5	3.21	1.66 No	0.38	Thermal Discharging
SAV073	195	'43175921_/2605186'		0.77	2.43	3.33	0.38	0.5	3.19	1.66 No	0.38	Thermal Discharging
SAV073	196	'2604336_/43175956'		0.8	2.4	3.33	0.38	0.8	3.31	1.66 No	0.38	Thermal Discharging
SAV073	197	'43175844_/2603970'		1.4	4.8	6.67	0.16	3.3	6.43	3.32 No	0.16	Thermal Discharging
SAV073	198	'2617984_/2617995'		0.77	2.4	3.33	0.08	1.2	3.18	1.66 No	0.08	Thermal Discharging
SAV073	199	'2602232_/2602243'		0.73	2.33	3.33	0.38	0.5	3.21	1.66 No	0.38	Thermal Discharging
SAV073	200	'2617958_/2617956'		0.77	2.33	3.33	0.08	1.2	3.13	1.66 No	0.08	Thermal Discharging
SAV073	201	'2604142_/2604139'		0.77	2.33	3.33	0.38	0.8	3.22	1.66 No	0.38	Thermal Discharging
SAV073	202	'2603986_/2603983'		1.33	4.53	6.67	0.16	3.3	6.17	3.32 No	0.16	Thermal Discharging
SAV073	203	'2604129_/2604126'		0.73	2.27	3.33	0.38	0.8	3.17	1.66 No	0.38	Thermal Discharging
SAV073	204	'2617985_/2617982'		0.73	2.23	3.33	0.08	1.2	3.04	1.66 No	0.08	Thermal Discharging
SAV073	205	'2605439_/2605436'		0.7	2.23	3.33	0.38	0.5	3.02	1.66 No	0.38	Thermal Discharging
SAV073	206	'380112078_/9120681_1'		0.67	2.23	3.33	0.08	1.4	3.04	1.66 No	0.08	Thermal Discharging
SAV073	207	'584717816_/9120681_2'		0.67	2.23	3.33	0.08	0.3	3.04	1.66 No	0.08	Thermal Discharging
SAV073	208	'2604337_/2604334'		0.73	2.17	3.33	0.38	0.8	3.06	1.66 No	0.38	Thermal Discharging
SAV073	209	'43175932_/2617794'		0.7	2.17	3.33	0.38	0.5	2.94	1.66 No	0.38	Thermal Discharging
SAV073	210	'2604155_/2604152'		0.7	2.17	3.33	0.38	0.8	3.03	1.66 No	0.38	Thermal Discharging
SAV073	211	'592814478_/592813787_1'		2	6.4	10	1.13	2.3	8.63	4.97 No	1.13	Thermal Discharging
SAV073	212	'43175016_/2602230'		0.67	2.13	3.33	0.38	0.5	2.97	1.66 No	0.38	Thermal Discharging
SAV073	213	'7541605_/55517164'		1.9	6.2	10	1.13	1.8	8.99	4.97 No	1.13	Thermal Discharging
SAV073	214	'43177634_/2603996'		1.2	4.13	6.67	0.16	2.5	5.72	3.32 No	0.16	Thermal Discharging
SAV073	215	'43176335_/2605449'		0.63	2.03	3.33	0.38	0.5	2.8	1.66 No	0.38	Thermal Discharging
SAV073	216	'43177597_/43175934'		0.63	2.03	3.33	0.38	0.5	2.79	1.66 No	0.38	Thermal Discharging
SAV073	217	'9120684_/9120681_3'		0.67	2.03	3.33	0.08	0.3	2.82	1.66 No	0.08	Thermal Discharging
SAV073	218	'43175910_/2604165'		0.67	2	3.33	0.38	0.8	2.86	1.66 No	0.38	Thermal Discharging
SAV073	219	'43184361_/2665351'		0.67	1.97	3.33	0.38	0.8	2.84	1.66 No	0.38	Thermal Discharging
SAV073	220	'43175855_/43177636'		1.2	3.93	6.67	0.16	2.5	5.54	3.32 No	0.16	Thermal Discharging
SAV073	221	'9433047_/9433044'		0.67	1.97	3.33	0.08	0.3	2.74	1.66 No	0.08	Thermal Discharging
SAV073	222	'2602220_/2602217'		0.6	1.93	3.33	0.38	0.5	2.77	1.66 No	0.38	Thermal Discharging
SAV073	223	'43174933_/43174935'		0.63	1.9	3.33	0.08	1.2	2.69	1.66 No	0.08	Thermal Discharging
SAV073	224	'2604012_/2604009'		1.13	3.73	6.67	0.16	2.5	5.3	3.32 No	0.16	Thermal Discharging
SAV073	225	'7541606_/55517188'		1.7	5.6	10	1.13	1.8	8.21	4.97 No	1.13	Thermal Discharging
SAV073	226	'354724656_/354724625_1'		1.13	3.73	6.67	0.16	1	5.25	3.32 No	0.16	Thermal Discharging
SAV073	227	'2605201_/43177599'		0.6	1.83	3.33	0.38	0.5	2.6	1.66 No	0.38	Thermal Discharging
SAV073	228	'2605465_/43176337'		0.6	1.83	3.33	0.38	0.5	2.59	1.66 No	0.38	Thermal Discharging
SAV073	229	'2617946_/2617943'		0.57	1.83	3.33	0.38	0.5	2.65	1.66 No	0.38	Thermal Discharging
SAV073	230	'354724682_/357461192'		1.07	3.67	6.67	0.16	2.5	5.2	3.32 No	0.16	Thermal Discharging
SAV073	231	'2604181_/43175912'		0.6	1.83	3.33	0.38	0.8	2.65	1.66 No	0.38	Thermal Discharging
SAV073	232	'2604349_/43184363'		0.63	1.83	3.33	0.38	0.8	2.65	1.66 No	0.38	Thermal Discharging
SAV073	233	'374488095_/354724763_1'		0.53	1.83	3.33	0.08	0.5	2.59	1.66 No	0.08	Thermal Discharging
SAV073	234	'2604038_/354724690'		0.53	1.77	3.33	0.08	1.2	2.54	1.66 No	0.08	Thermal Discharging
SAV073	235	'2604206_/2604347'		0.6	1.77	3.33	0.38	0.8	2.57	1.66 No	0.38	Thermal Discharging
SAV073	236	'7504948_/55517212'		1.6	5.2	10	1.13	1.8	7.75	4.97 No	1.13	Thermal Discharging
SAV073	237	'550282277_/2604204_1'		0.6	1.73	3.33	0.38	0.3	2.53	1.66 No	0.3	Element Fault
SAV073	238	'2604363_/2604360'		0.6	1.7	3.33	0.38	0.8	2.51	1.66 No	0.38	Thermal Discharging
SAV073	239	'2605732_/2605729'		0.53	1.7	3.33	0.08	1.2	2.46	1.66 No	0.08	Thermal Discharging
SAV073	240	'2605202_/2605199'		0.53	1.7	3.33	0.38	0.5	2.44	1.66 No	0.38	Thermal Discharging
SAV073	241	'2605478_/2605475'		0.53	1.7	3.33	0.38	0.5	2.42	1.66 No	0.38	Thermal Discharging
SAV073	242	'2604194_/2604191'		0.57	1.7	3.33	0.38	0.8	2.49	1.66 No	0.38	Thermal Discharging
SAV073	243	'7227433_/55517236'		1.5	5	10	1.13	1.8	7.49	4.97 No	1.13	Thermal Discharging
SAV073	244	'2604207_/2604204_2'		0.57	1.63	3.33	0.38	0.3	2.43	1.66 No	0.3	Element Fault
SAV073	245	'2604063_/2604048'		0.53	1.63	3.33	0.08	1.2	2.38	1.66 No	0.08	Thermal Discharging
SAV073	246	'458987066_/2649830'		0.53	1.63	3.33	0.08	1.2	2.38	1.66 No	0.08	Thermal Discharging
SAV073	247	'43176346_/2605488'		0.5	1.63	3.33	0.38	0.5	2.35	1.66 No	0.38	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SAV073	248	'37626114_/_55517329'	1.5	4.9	10	1.13	1.8	7.32	4.97 No	1.13	Thermal Discharging
SAV073	249	'37626107_/_37626111'	1.5	4.9	10	1.13	1.8	7.32	4.97 No	1.13	Thermal Discharging
SAV073	250	'37626128_/_37626132'	1.5	4.9	10	1.13	1.8	7.32	4.97 No	1.13	Thermal Discharging
SAV073	251	'37626100_/_37626104'	1.5	4.9	10	1.13	1.8	7.32	4.97 No	1.13	Thermal Discharging
SAV073	252	'399614818_/_399614815'	1.5	4.9	10	1.13	1.8	7.32	4.97 No	1.13	Thermal Discharging
SAV073	253	'412701074_/_43176348'	0.5	1.63	3.33	0.38	0.5	2.35	1.66 No	0.38	Thermal Discharging
SAV073	254	'458987133_/_458987096_2'	0.53	1.63	3.33	0.08	1.2	2.36	1.66 No	0.08	Thermal Discharging
SAV073	255	'2602884_/_2618024'	0.53	1.63	3.33	0.08	1.2	2.35	1.66 No	0.08	Thermal Discharging
SAV073	256	'2605520_/_7852884_1'	0.5	1.6	3.33	0.38	0.3	2.33	1.66 No	0.3	Element Fault
SAV073	257	'43175943_/_2605212'	0.5	1.57	3.33	0.38	0.5	2.29	1.66 No	0.38	Thermal Discharging
SAV073	258	'2604376_/_2604373'	0.53	1.57	3.33	0.38	0.8	2.35	1.66 No	0.38	Thermal Discharging
SAV073	259	'354724552_/_354724625_2'	0.93	3.13	6.67	0.16	1	4.62	3.32 No	0.16	Thermal Discharging
SAV073	260	'2602885_/_2602882'	0.5	1.57	3.33	0.08	1.2	2.27	1.66 No	0.08	Thermal Discharging
SAV073	261	'392461227_/_354724592'	0.47	1.53	3.33	0.08	0.5	2.27	1.66 No	0.08	Thermal Discharging
SAV073	262	'2604064_/_2604061'	0.53	1.53	3.33	0.08	1.2	2.23	1.66 No	0.08	Thermal Discharging
SAV073	263	'8802506_/_9120441'	1.4	4.6	10	1.13	1.8	6.91	4.97 No	1.13	Thermal Discharging
SAV073	264	'44631816_/_2605225'	0.47	1.5	3.33	0.38	0.5	2.21	1.66 No	0.38	Thermal Discharging
SAV073	265	'347435226_/_43175978'	0.53	1.5	3.33	0.38	0.8	2.25	1.66 No	0.38	Thermal Discharging
SAV073	266	'260420_/_2604217'	0.5	1.5	3.33	0.38	0.3	2.24	1.66 No	0.3	Element Fault
SAV073	267	'354724753_/_354724763_2'	0.43	1.5	3.33	0.08	0.5	2.2	1.66 No	0.08	Thermal Discharging
SAV073	268	'354724371_/_354724562'	0.47	1.5	3.33	0.08	0.5	2.2	1.66 No	0.08	Thermal Discharging
SAV073	269	'350702667_/_350702612_1'	0.5	1.5	3.33	0.38	0.5	2.23	1.66 No	0.38	Thermal Discharging
SAV073	270	'2604389_/_347435234'	0.5	1.47	3.33	0.38	0.8	2.21	1.66 No	0.38	Thermal Discharging
SAV073	271	'401239294_/_2604532'	0.5	1.47	3.33	0.38	0.8	2.21	1.66 No	0.38	Thermal Discharging
SAV073	272	'7544706_/_104273589'	1.4	4.4	10	1.13	1.8	6.71	4.97 No	1.13	Thermal Discharging
SAV073	273	'43175965_/_2604230'	0.5	1.43	3.33	0.38	0.3	2.16	1.66 No	0.3	Element Fault
SAV073	274	'43176020_/_2605596'	0.5	1.43	3.33	0.08	1.2	2.11	1.66 No	0.08	Thermal Discharging
SAV073	275	'7852887_/_7852884_2'	0.43	1.4	3.33	0.38	0.3	2.08	1.66 No	0.3	Element Fault
SAV073	276	'8488710_/_8488707'	1.3	4.2	10	1.13	1.8	6.45	4.97 No	1.13	Thermal Discharging
SAV073	277	'9123416_/_9123413'	1.3	4.2	10	1.13	1.8	6.44	4.97 No	1.13	Thermal Discharging
SAV073	278	'2604402_/_2604399'	0.47	1.4	3.33	0.38	0.8	2.1	1.66 No	0.38	Thermal Discharging
SAV073	279	'7513130_/_458987096_1'	0.5	1.37	3.33	0.08	0.3	2.06	1.66 No	0.08	Thermal Discharging
SAV073	280	'392461256_/_392461275'	0.4	1.37	3.33	0.08	0.5	2.06	1.66 No	0.08	Thermal Discharging
SAV073	281	'2604506_/_2604519'	0.47	1.33	3.33	0.38	0.8	2.05	1.66 No	0.38	Thermal Discharging
SAV073	282	'9435785_/_9435782'	1.2	4	10	1.13	1.8	6.21	4.97 No	1.13	Thermal Discharging
SAV073	283	'2604246_/_2604243'	0.47	1.33	3.33	0.38	0.3	2.04	1.66 No	0.3	Element Fault
SAV073	284	'392461335_/_392461345'	0.4	1.33	3.33	0.08	0.5	2.02	1.66 No	0.08	Thermal Discharging
SAV073	285	'7513131_/_7513128'	0.5	1.33	3.33	0.08	0.3	2.01	1.66 No	0.08	Thermal Discharging
SAV073	286	'354724153_/_354724390'	0.47	1.33	3.33	0.08	0.5	1.99	1.66 No	0.08	Thermal Discharging
SAV073	287	'2604415_/_2604412'	0.43	1.3	3.33	0.38	0.8	1.98	1.66 No	0.38	Thermal Discharging
SAV073	288	'392461438_/_392461457'	0.4	1.3	3.33	0.08	0.5	1.96	1.66 No	0.08	Thermal Discharging
SAV073	289	'2604547_/_43176022'	0.47	1.3	3.33	0.08	1.2	1.95	1.66 No	0.08	Thermal Discharging
SAV073	290	'2604493_/_2604503'	0.43	1.27	3.33	0.38	0.8	1.95	1.66 No	0.38	Thermal Discharging
SAV073	291	'43175998_/_2604256'	0.43	1.27	3.33	0.38	0.3	1.94	1.66 No	0.3	Element Fault
SAV073	292	'2604616_/_2604626'	0.43	1.27	3.33	0.38	0.8	1.92	1.66 No	0.38	Thermal Discharging
SAV073	293	'2604548_/_2604545'	0.43	1.23	3.33	0.08	1.2	1.88	1.66 No	0.08	Thermal Discharging
SAV073	294	'405925805_/_405925824'	0.37	1.23	3.33	0.08	0.5	1.87	1.66 No	0.08	Thermal Discharging
SAV073	295	'405926053_/_405925983_1'	0.27	0.9	3.33	0.08	0.5	1.86	1.66 No	0.08	Thermal Discharging
SAV073	296	'2604577_/_2604574'	0.43	1.2	3.33	0.08	1.2	1.84	1.66 No	0.08	Thermal Discharging
SAV073	297	'43176065_/_2604613'	0.4	1.2	3.33	0.38	0.8	1.85	1.66 No	0.38	Thermal Discharging
SAV073	298	'2604480_/_2604490'	0.4	1.2	3.33	0.38	0.8	1.83	1.66 No	0.38	Thermal Discharging
SAV073	299	'2604272_/_43176000'	0.4	1.17	3.33	0.38	0.3	1.82	1.66 No	0.3	Element Fault
SAV073	300	'392461601_/_392461620'	0.33	1.17	3.33	0.08	0.5	1.79	1.66 No	0.08	Thermal Discharging
SAV073	301	'43176031_/_2604561'	0.43	1.17	3.33	0.08	1.1	1.78	1.66 No	0.08	Thermal Discharging
SAV073	302	'2604590_/_2604600'	0.4	1.17	3.33	0.38	0.8	1.79	1.66 No	0.38	Thermal Discharging
SAV073	303	'2604589_/_2604587'	0.4	1.13	3.33	0.38	0.8	1.74	1.66 No	0.38	Thermal Discharging
SAV073	304	'2604285_/_2604282'	0.37	1.1	3.33	0.38	0.3	1.73	1.66 No	0.3	Element Fault
SAV073	305	'43175899_/_2604477'	0.4	1.1	3.33	0.38	0.8	1.73	1.66 No	0.38	Thermal Discharging
SAV073	306	'2604564_/_43176033'	0.4	1.1	3.33	0.08	0.3	1.7	1.66 No	0.08	Thermal Discharging
SAV073	307	'350702593_/_350702612_2'	0.37	1.1	3.33	0.38	0.5	1.7	1.66 No	0.37	Primary Over-Voltage
SAV073	308	'43176369_/_2605622'	0.37	1.1	3.33	0.38	0.8	1.69	1.66 No	0.37	Primary Over-Voltage
SAV073	309	'2605552_/_2605550'	0.37	1.07	3.33	0.38	0.8	1.67	1.66 No	0.37	Primary Over-Voltage
SAV073	310	'2605566_/_2605563'	0.37	1.07	3.33	0.38	0.8	1.65	1.66 No	0.37	Primary Over-Voltage
SAV073	311	'392461753_/_392461772'	0.3	1.07	3.33	0.08	0.5	1.65	1.66 No	0.08	Thermal Discharging
SAV073	312	'43175987_/_2604295'	0.37	1.07	3.33	0.38	0.3	1.65	1.66 No	0.3	Element Fault
SAV073	313	'2604454_/_2604464'	0.37	1.07	3.33	0.38	0.8	1.64	1.66 No	0.37	Primary Over-Voltage
SAV073	314	'8485835_/_8485833'	0.37	1	3.33	0.08	0.3	1.56	1.66 No	0.08	Thermal Discharging
SAV073	315	'43175888_/_43175890'	0.33	1	3.33	0.38	0.8	1.57	1.66 No	0.33	Primary Over-Voltage
SAV073	316	'2604311_/_43175989'	0.33	1	3.33	0.38	0.3	1.57	1.66 No	0.3	Element Fault
SAV073	317	'350702789_/_350702808'	0.33	1	3.33	0.38	0.5	1.56	1.66 No	0.33	Primary Over-Voltage
SAV073	318	'392461924_/_392461943'	0.3	0.97	3.33	0.08	0.5	1.53	1.66 No	0.08	Thermal Discharging
SAV073	319	'49983929_/_8486079_1'	0.33	0.97	3.33	0.08	0.3	1.51	1.66 No	0.08	Thermal Discharging
SAV073	320	'2604428_/_2604438'	0.33	0.97	3.33	0.38	0.8	1.51	1.66 No	0.33	Primary Over-Voltage
SAV073	321	'2604324_/_2604321'	0.33	0.97	3.33	0.38	0.3	1.51	1.66 No	0.3	Element Fault
SAV073	322	'345461788_/_350702974'	0.33	0.93	3.33	0.38	0.5	1.5	1.66 No	0.33	Primary Over-Voltage
SAV073	323	'2604427_/_43175879'	0.3	0.93	3.33	0.38	0.8	1.45	1.66 No	0.3	Primary Over-Voltage
SAV073	324	'405925964_/_405926138'	0.27	0.9	3.33	0.08	0.5	1.44	1.66 No	0.08	Thermal Discharging
SAV073	325	'354723971_/_354723990'	0.3	0.9	3.33	0.38	0.5	1.45	1.66 No	0.3	Primary Over-Voltage
SAV073	326	'380112099_/_354724172_1'	0.3	0.9	3.33	0.08	0.5	1.44	1.66 No	0.08	Thermal Discharging
SCA021	0	'SCA021_/_43131748_2'	0	0	0	8	0.2	10	0 No	0	Primary Over-Voltage
SCA021	1	'39127521_/_43131748_2'	0	0	0	8	0.2	10	0 No	0	Primary Over-Voltage
SCA021	2	'43131746_/_43131748_1'	0	0	0	8	0.2	10	0 No	0	Primary Over-Voltage
SCA021	3	'2344251_/_2345083'	0	0	0	8	0.2	10	0 No	0	Primary Over-Voltage
SCA021	4	'2344250_/_2344248'	0	0	0	8	0.2	10	0 No	0	Primary Over-Voltage
SCA021	5	'644101667_/_644101675'	0	0	0	8	0.2	10	0 No	0	Primary Over-Voltage
SCA021	6	'473286896_/_2344336_2'	0	0	0	8	0.2	10	0 No	0	Primary Over-Voltage
SCA021	7	'2344356_/_2344353'	0	0	0	8	0.2	10	0 No	0	Primary Over-Voltage
SCA021	8	'43131096_/_2344336_1'	0	0	0	8	0.2	10	0 No	0	Primary Over-Voltage
SCA021	9	'87114284_/_2344370_1'	0	0	0	8	0.2	10	0 No	0	Primary Over-Voltage
SCA021	10	'9709262_/_44072550_2'	0	0	0	8	0.2	10	0 No	0	Primary Over-Voltage
SCA021	11	'44072548_/_44072550_1'	0	0	0	8	0.2	10	0 No	0	Primary Over-Voltage
SCA021	12	'464946830_/_2344370_2'	0	0	0	8	0.2	10	0 No	0	Primary Over-Voltage
SCA021	13	'43131122_/_2344370_3'	0	0	0	8	0.2	10	0 No	0	Primary Over-Voltage
SCA021	14	'7502128_/_7502126_1'	0	0	0	2.664	0.07	3.33	0 No	0	Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SCA021	15	'43133181_/_2349068'	0	0	0	0	8	0.2	10	0 No	0 Primary Over-Voltage
SCA021	16	'2339439_/_2344387'	0	0	0	0	8	0.2	10	0 No	0 Primary Over-Voltage
SCA021	17	'2344302_/_2349051'	0	0	0	0	8	0.2	10	0 No	0 Primary Over-Voltage
SCA021	18	'2339469_/_2344407'	0	0	0	0	8	0.2	10	0 No	0 Primary Over-Voltage
SCA021	19	'2339426_/_2344299'	0	0	0	0	8	0.2	10	0 No	0 Primary Over-Voltage
SCA021	20	'523204629_/_523204507_1'	0	0	0	0	8	0.2	10	0 No	0 Primary Over-Voltage
SCA021	21	'523204510_/_523204507_2'	0	0	0	0	8	0.2	10	0 No	0 Primary Over-Voltage
SCA021	22	'523204619_/_523204525_1'	0	0	0	0	8	0.2	10	0 No	0 Primary Over-Voltage
SCA021	23	'7164137_/_7164134'	0	0	0	2.664	0.07	3.33	0 No	0 Primary Over-Voltage	0 Primary Over-Voltage
SCA021	24	'523204528_/_523204525_2'	0	0	0	0	8	0.2	10	0 No	0 Primary Over-Voltage
SCA021	25	'2344427_/_2344424'	0	0	0	0	8	0.2	10	0 No	0 Primary Over-Voltage
SCA021	26	'43131135_/_2339437'	0	0	0	2.664	0.07	3.33	0 No	0 Primary Over-Voltage	0 Primary Over-Voltage
SCA021	27	'2319988_/_43131148_1'	0	0	0	2.664	0.07	3.33	0 No	0 Primary Over-Voltage	0 Primary Over-Voltage
SCA021	28	'8438855_/_8438853_1'	0	0	0	2.664	0.07	3.33	0 No	0 Primary Over-Voltage	0 Primary Over-Voltage
SCA021	29	'589892025_/_523204541_1'	0	0	0	0	8	0.2	10	0 No	0 Primary Over-Voltage
SCA021	30	'402675489_/_394743053_1'	0	0	0	0	8	0.2	10	0 No	0 Primary Over-Voltage
SCA021	31	'589892036_/_523204541_2'	0	0	0	0	8	0.2	10	0 No	0 Primary Over-Voltage
SCA021	32	'2319971_/_2319969_1'	0	0	0	2.664	0.07	3.33	0 No	0 Primary Over-Voltage	0 Primary Over-Voltage
SCA021	33	'43131072_/_43131074'	0	0	0	0	8	0.2	10	0 No	0 Primary Over-Voltage
SCA021	34	'2344444_/_2344441'	0	0	0	0	8	0.2	10	0 No	0 Primary Over-Voltage
SCA021	35	'523204544_/_523204541_3'	0	0	0	0	8	0.2	10	0 No	0 Primary Over-Voltage
SCA021	36	'2339414_/_2344265'	0	0	0	0	8	0.2	10	0 No	0 Primary Over-Voltage
SCA021	37	'2339582_/_2344458'	0	0	0	0	8	0.2	10	0 No	0 Primary Over-Voltage
SCA021	38	'470928432_/_470928436'	0	0	0	0	8	0.2	10	0 No	0 Primary Over-Voltage
SCA021	39	'2340674_/_2344674'	0	0	0	0	8	0.2	10	0 No	0 Primary Over-Voltage
SCA021	40	'394743056_/_394743053_2'	0	0	0	0	8	0.2	10	0 No	0 Primary Over-Voltage
SCA021	41	'2319959_/_2319956_2'	0	0	0	2.664	0.07	3.33	0 No	0 Primary Over-Voltage	0 Primary Over-Voltage
SCA021	42	'2320158_/_2320156_1'	0	0	0	2.664	0.07	3.33	0 No	0 Primary Over-Voltage	0 Primary Over-Voltage
SCA021	43	'7502129_/_7502126_2'	0	0	0	2.664	0.07	3.33	0 No	0 Primary Over-Voltage	0 Primary Over-Voltage
SCA021	44	'631830479_/_631830476'	0	0	0	0	8	0.2	10	0 No	0 Primary Over-Voltage
SCA021	45	'2344211_/_2344231'	0	0	0	0	8	0.2	10	0 No	0 Primary Over-Voltage
SCA021	46	'2344478_/_2344475'	0	0	0	0	8	0.2	10	0 No	0 Primary Over-Voltage
SCA021	47	'43131168_/_43131170'	0	0	0	2.664	0.07	3.33	0 No	0 Primary Over-Voltage	0 Primary Over-Voltage
SCA021	48	'2320498_/_2320495_2'	0	0	0	2.664	0.07	3.33	0 No	0 Primary Over-Voltage	0 Primary Over-Voltage
SCA021	49	'2344210_/_2344208'	0	0	0	0	8	0.2	10	0 No	0 Primary Over-Voltage
SCA021	50	'2344498_/_2344495'	0	0	0	0	8	0.2	10	0 No	0 Primary Over-Voltage
SCA021	51	'7535991_/_7846178_2'	0	0	0	2.664	0.07	3.33	0 No	0 Primary Over-Voltage	0 Primary Over-Voltage
SCA021	52	'2339595_/_2339592'	0	0	0	2.664	0.07	3.33	0 No	0 Primary Over-Voltage	0 Primary Over-Voltage
SCA021	53	'2364081_/_2364138'	0	0	0	0	8	0.2	10	0 No	0 Primary Over-Voltage
SCA021	54	'2344515_/_2344512'	0	0	0	0	8	0.2	10	0 No	0 Primary Over-Voltage
SCA021	55	'2339453_/_2339450'	0	0	0	2.664	0.07	3.33	0 No	0 Primary Over-Voltage	0 Primary Over-Voltage
SCA021	56	'410646820_/_2364092_1'	0	0	0	2.664	0.07	3.33	0 No	0 Primary Over-Voltage	0 Primary Over-Voltage
SCA021	57	'43131085_/_2319969_2'	0	0	0	2.664	0.07	3.33	0 No	0 Primary Over-Voltage	0 Primary Over-Voltage
SCA021	58	'2319987_/_43131148_2'	0	0	0	2.664	0.07	3.33	0 No	0 Primary Over-Voltage	0 Primary Over-Voltage
SCA021	59	'464946354_/_2344532_1'	0	0	0	0	8	0.2	10	0 No	0 Primary Over-Voltage
SCA021	60	'493835784_/_464946663_1'	0	0	0	0	8	0.1	10	0 No	0 Primary Over-Voltage
SCA021	61	'2344194_/_2364121'	0	0	0	0	8	0.2	10	0 No	0 Primary Over-Voltage
SCA021	62	'410646861_/_2364092_2'	0	0	0	2.664	0.07	3.33	0 No	0 Primary Over-Voltage	0 Primary Over-Voltage
SCA021	63	'2339611_/_2344532_2'	0	0	0	0	8	0.2	10	0 No	0 Primary Over-Voltage
SCA021	64	'464946666_/_464946663_2'	0	0	0	0	8	0.1	10	0 No	0 Primary Over-Voltage
SCA021	65	'464946797_/_464946685_1'	0	0	0	0	8	0.1	10	0 No	0 Primary Over-Voltage
SCA021	66	'468924132_/_468924129'	0	0	0	0	8	0.1	10	0 No	0 Primary Over-Voltage
SCA021	67	'2364095_/_410646865'	0	0	0	2.664	0.07	3.33	0 No	0 Primary Over-Voltage	0 Primary Over-Voltage
SCA021	68	'464946688_/_464946685_2'	0	0	0	0	8	0.1	10	0 No	0 Primary Over-Voltage
SCA021	69	'464946761_/_464946703_1'	0	0	0	0	8	0.1	10	0 No	0 Primary Over-Voltage
SCA021	70	'469785584_/_469785581'	0	0	0	0	8	0.1	10	0 No	0 Primary Over-Voltage
SCA021	71	'468924214_/_468924153_1'	0	0	0	0	8	0.1	10	0 No	0 Primary Over-Voltage
SCA021	72	'2320001_/_43131192_1'	0	0	0	2.664	0.07	3.33	0 No	0 Primary Over-Voltage	0 Primary Over-Voltage
SCA021	73	'43131050_/_2319956_1'	0	0	0	2.664	0.07	3.33	0 No	0 Primary Over-Voltage	0 Primary Over-Voltage
SCA021	74	'468924156_/_468924153_2'	0	0	0	0	8	0.1	10	0 No	0 Primary Over-Voltage
SCA021	75	'2344174_/_2344191'	0	0	0	0	8	0.2	10	0 No	0 Primary Over-Voltage
SCA021	76	'496112837_/_468924171_1'	0	0	0	0	8	0.1	10	0 No	0 Primary Over-Voltage
SCA021	77	'469785641_/_469785605_1'	0	0	0	0	8	0.1	10	0 No	0 Primary Over-Voltage
SCA021	78	'469785608_/_469785605_2'	0	0	0	0	8	0.1	10	0 No	0 Primary Over-Voltage
SCA021	79	'464946706_/_464946703_2'	0	0	0	0	8	0.1	10	0 No	0 Primary Over-Voltage
SCA021	80	'43131240_/_2344552'	0	0	0	0	8	0.2	10	0 No	0 Primary Over-Voltage
SCA021	81	'468924174_/_468924171_2'	0	0	0	0	8	0.1	10	0 No	0 Primary Over-Voltage
SCA021	82	'469785719_/_469785623_1'	0	0	0	0	8	0.1	10	0 No	0 Primary Over-Voltage
SCA021	83	'43133459_/_2320156_2'	0	0	0	2.664	0.07	3.33	0 No	0 Primary Over-Voltage	0 Primary Over-Voltage
SCA021	84	'469785626_/_469785623_2'	0	0	0	0	8	0.1	10	0 No	0 Primary Over-Voltage
SCA021	85	'43131227_/_2320559'	0	0	0	0	8	0.2	10	0 No	0 Primary Over-Voltage
SCA021	86	'513210595_/_513210599'	0	0	0	0	8	0.2	10	0 No	0 Primary Over-Voltage
SCA021	87	'2344157_/_2344171'	0	0	0	0	8	0.2	10	0 No	0 Primary Over-Voltage
SCA021	88	'7846341_/_8479243_1'	0	0	0	2.664	0.07	3.33	0 No	0 Primary Over-Voltage	0 Primary Over-Voltage
SCA021	89	'2344572_/_2344569'	0	0	0	0	8	0.2	10	0 No	0 Primary Over-Voltage
SCA021	90	'2344140_/_2344154'	0	0	0	0	8	0.2	10	0 No	0 Primary Over-Voltage
SCA021	91	'43131111_/_2339676'	0	0	0	2.664	0.07	3.33	0 No	0 Primary Over-Voltage	0 Primary Over-Voltage
SCA021	92	'43131201_/_2344603'	0	0	0	0	8	0.2	10	0 No	0 Primary Over-Voltage
SCA021	93	'515028590_/_515028551'	0	0	0	0	8	0.2	10	0 No	0 Primary Over-Voltage
SCA021	94	'7846180_/_7846178_1'	0	0	0	2.664	0.07	3.33	0 No	0 Primary Over-Voltage	0 Primary Over-Voltage
SCA021	95	'515028591_/_515028588'	0	0	0	0	8	0.2	10	0 No	0 Primary Over-Voltage
SCA021	96	'493835865_/_461437666_2'	0	0	0	2.664	0.07	3.33	0 No	0 Primary Over-Voltage	0 Primary Over-Voltage
SCA021	97	'2344123_/_2344137'	0	0	0	0	8	0.2	10	0 No	0 Primary Over-Voltage
SCA021	98	'515028708_/_515028633_1'	0	0	0	0	8	0.2	10	0 No	0 Primary Over-Voltage
SCA021	99	'515028636_/_515028633_2'	0	0	0	0	8	0.2	10	0 No	0 Primary Over-Voltage
SCA021	100	'515028764_/_515028739_1'	0	0	0	0	8	0.2	10	0 No	0 Primary Over-Voltage
SCA021	101	'2344589_/_2344586'	0	0	0	0	8	0.2	10	0 No	0 Primary Over-Voltage
SCA021	102	'2319972_/_43131087'	0	0	0	2.664	0.07	3.33	0 No	0 Primary Over-Voltage	0 Primary Over-Voltage
SCA021	103	'2337452_/_2344120'	0	0	0	0	8	0.2	10	0 No	0 Primary Over-Voltage
SCA021	104	'43132137_/_2320495_1'	0	0	0	2.664	0.07	3.33	0 No	0 Primary Over-Voltage	0 Primary Over-Voltage
SCA021	105	'473286030_/_495475846'	0	0	0	0	8	0.2	10	0 No	0 Primary Over-Voltage
SCA021	106	'154749260_/_154749269'	0	0	0	0	8	0.2	10	0 No	0 Primary Over-Voltage
SCA021	107	'43131214_/_2344623'	0	0	0	0	8	0.2	10	0 No	0 Primary Over-Voltage
SCA021	108	'2344089_/_2344103'	0	0	0	0	8	0.2	10	0 No	0 Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SCA021	109	'473286031_/473286028'	0	0	0	8	0.2	10	0 No	0	Primary Over-Voltage
SCA021	110	'473286397_/473286054_1'	0	0	0	8	0.1	10	0 No	0	Primary Over-Voltage
SCA021	111	'154749380_/154749339_1'	0	0	0	8	0.2	10	0 No	0	Primary Over-Voltage
SCA021	112	'2364108_/2364105'	0	0	0	2.664	0.07	3.33	0 No	0	Primary Over-Voltage
SCA021	113	'2339691_/43131216'	0	0	0	8	0.2	10	0 No	0	Primary Over-Voltage
SCA021	114	'2320000_/43131192_2'	0	0	0	2.664	0.07	3.33	0 No	0	Primary Over-Voltage
SCA021	115	'2339623_/2339621_1'	0	0	0	2.664	0.07	3.33	0 No	0	Primary Over-Voltage
SCA021	116	'2339388_/2339398'	0	0	0	2.664	0.07	3.33	0 No	0	Primary Over-Voltage
SCA021	117	'2337700_/2344086'	0	0	0	8	0.2	10	0 No	0	Primary Over-Voltage
SCA021	118	'2337439_/2337449'	0	0	0	2.664	0.07	3.33	0 No	0	Primary Over-Voltage
SCA021	119	'2340305_/496214212'	0	0	0	8	0.2	10	0 No	0	Primary Over-Voltage
SCA021	120	'2320159_/43133461'	0	0	0	2.664	0.07	3.33	0 No	0	Primary Over-Voltage
SCA021	121	'2337701_/2337711_1'	0	0	0	2.664	0.07	3.33	0 No	0	Primary Over-Voltage
SCA021	122	'2337426_/2337423_2'	0	0	0	2.664	0.07	3.33	0 No	0	Primary Over-Voltage
SCA021	123	'2320055_/2320053_1'	0	0	0	2.664	0.07	3.33	0 No	0	Primary Over-Voltage
SCA021	124	'2344944_/496214250_1'	0	0	0	8	0.2	10	0 No	0	Primary Over-Voltage
SCA021	125	'496214253_/496214250_2'	0	0	0	8	0.2	10	0 No	0	Primary Over-Voltage
SCA021	126	'2344035_/2344069'	0	0	0	8	0.2	10	0 No	0	Primary Over-Voltage
SCA021	127	'8438856_/8438853_2'	0	0	0	2.664	0.07	3.33	0 No	0	Primary Over-Voltage
SCA021	128	'2340318_/496214286'	0	0	0	8	0.2	10	0 No	0	Primary Over-Voltage
SCA021	129	'2344018_/2344032'	0	0	0	8	0.2	10	0 No	0	Primary Over-Voltage
SCA021	130	'2344822_/496214354'	0	0	0	8	0.2	10	0 No	0	Primary Over-Voltage
SCA021	131	'2320071_/2320069_1'	0	0	0	2.664	0.07	3.33	0 No	0	Primary Over-Voltage
SCA021	132	'2337714_/2337711_2'	0	0	0	2.664	0.07	3.33	0 No	0	Primary Over-Voltage
SCA021	133	'2339624_/2339621_2'	0	0	0	2.664	0.07	3.33	0 No	0	Primary Over-Voltage
SCA021	134	'2337520_/2344015'	0	0	0	8	0.2	10	0 No	0	Primary Over-Voltage
SCA021	135	'8479246_/8479243_2'	0	0	0	2.664	0.07	3.33	0 No	0	Primary Over-Voltage
SCA021	136	'2344839_/496214400'	0	0	0	8	0.2	10	0 No	0	Primary Over-Voltage
SCA021	137	'2319917_/43130711_2'	0	0	0	2.664	0.07	3.33	0 No	0	Primary Over-Voltage
SCA021	138	'2337507_/2344052'	0	0	0	8	0.2	10	0 No	0	Primary Over-Voltage
SCA021	139	'43127612_/496214446'	0	0	0	8	0.2	10	0 No	0	Primary Over-Voltage
SCA021	140	'2337494_/2337491_2'	0	0	0	2.664	0.07	3.33	0 No	0	Primary Over-Voltage
SCA021	141	'154749321_/154749339_2'	0	0	0	8	0.2	10	0 No	0	Primary Over-Voltage
SCA021	142	'2344873_/496214472'	0	0	0	8	0.2	10	0 No	0	Primary Over-Voltage
SCA021	143	'2343981_/2343998'	0	0	0	8	0.2	10	0 No	0	Primary Over-Voltage
SCA021	144	'2320072_/2320069_2'	0	0	0	2.664	0.07	3.33	0 No	0	Primary Over-Voltage
SCA021	145	'2320056_/2320053_2'	0	0	0	2.664	0.07	3.33	0 No	0	Primary Over-Voltage
SCA021	146	'496214501_/496214498'	0	0	0	8	0.2	10	0 No	0	Primary Over-Voltage
SCA021	147	'2337532_/2343978'	0	0	0	8	0.2	10	0 No	0	Primary Over-Voltage
SCA021	148	'2339375_/2339385'	0	0	0	2.664	0.07	3.33	0 No	0	Primary Over-Voltage
SCA021	149	'515028720_/515028739_2'	0	0	0	8	0.2	10	0 No	0	Primary Over-Voltage
SCA021	150	'2343947_/2343961'	0	0	0	8	0.2	10	0 No	0	Primary Over-Voltage
SCA021	151	'2337533_/2337546_1'	0	0	0	2.664	0.07	3.33	0 No	0	Primary Over-Voltage
SCA021	152	'2344907_/496214536'	0	0	0	8	0.2	10	0 No	0	Primary Over-Voltage
SCA021	153	'2339569_/2342186'	0	0	0	2.664	0.07	3.33	0 No	0	Primary Over-Voltage
SCA021	154	'2337464_/2343944'	0	0	0	8	0.2	10	0 No	0	Primary Over-Voltage
SCA021	155	'2343248_/496214635'	0	0	0	8	0.2	10	0 No	0	Primary Over-Voltage
SCA021	156	'2337549_/2337546_2'	0	0	0	2.664	0.07	3.33	0 No	0	Primary Over-Voltage
SCA021	157	'123246414_/123246392_2'	0	0	0	2.664	0.07	3.33	0 No	0	Primary Over-Voltage
SCA021	158	'69428579_/2319898_1'	0	0	0	2.664	0.07	3.33	0 No	0	Primary Over-Voltage
SCA021	159	'2337478_/2337491_1'	0	0	0	2.664	0.07	3.33	0 No	0	Primary Over-Voltage
SCA021	160	'2337768_/2343927'	0	0	0	8	0.2	10	0 No	0	Primary Over-Voltage
SCA021	161	'2324511_/496214669'	0	0	0	8	0.2	10	0 No	0	Primary Over-Voltage
SCA021	162	'454807870_/454807755'	0	0	0	8	0.2	10	0 No	0	Primary Over-Voltage
SCA021	163	'43130709_/43130711_1'	0	0	0	2.664	0.07	3.33	0 No	0	Primary Over-Voltage
SCA021	164	'2337413_/2337423_1'	0	0	0	2.664	0.07	3.33	0 No	0	Primary Over-Voltage
SCA021	165	'473286071_/473286054_2'	0	0	0	8	0.1	10	0 No	0	Primary Over-Voltage
SCA021	166	'2340583_/496214703'	0	0	0	8	0.2	10	0 No	0	Primary Over-Voltage
SCA021	167	'473286800_/473286075_1'	0	0	0	8	0.1	10	0 No	0	Primary Over-Voltage
SCA021	168	'2343909_/2343907'	0	0	0	8	0.2	10	0 No	0	Primary Over-Voltage
SCA021	169	'473286078_/473286075_2'	0	0	0	8	0.1	10	0 No	0	Primary Over-Voltage
SCA021	170	'454807990_/454807820_2'	0	0	0	8	0.2	10	0 No	0	Primary Over-Voltage
SCA021	171	'473286710_/473286103_1'	0	0	0	8	0.1	10	0 No	0	Primary Over-Voltage
SCA021	172	'2320103_/2320101_1'	0	0	0	2.664	0.07	3.33	0 No	0	Primary Over-Voltage
SCA021	173	'7220413_/539883800_2'	0	0	0	2.664	0.07	3.33	0 No	0	Primary Over-Voltage
SCA021	174	'473286167_/473286164'	0	0	0	8	0.1	10	0 No	0	Primary Over-Voltage
SCA021	175	'473286106_/473286103_2'	0	0	0	8	0.1	10	0 No	0	Primary Over-Voltage
SCA021	176	'473286477_/473286121_1'	0	0	0	8	0.1	10	0 No	0	Primary Over-Voltage
SCA021	177	'428405919_/2319413_2'	0	0	0	2.664	0.07	3.33	0 No	0	Primary Over-Voltage
SCA021	178	'2324174_/496214816'	0	0	0	8	0.2	10	0 No	0	Primary Over-Voltage
SCA021	179	'473286720_/473286188_1'	0	0	0	8	0.1	10	0 No	0	Primary Over-Voltage
SCA021	180	'2343873_/2344657'	0	0	0	8	0.2	10	0 No	0	Primary Over-Voltage
SCA021	181	'43130654_/2337766'	0	0	0	2.664	0.07	3.33	0 No	0	Primary Over-Voltage
SCA021	182	'473286250_/473286247'	0	0	0	8	0.1	10	0 No	0	Primary Over-Voltage
SCA021	183	'473286191_/473286188_2'	0	0	0	8	0.1	10	0 No	0	Primary Over-Voltage
SCA021	184	'473286124_/473286121_2'	0	0	0	8	0.1	10	0 No	0	Primary Over-Voltage
SCA021	185	'473286541_/473286204_1'	0	0	0	8	0.1	10	0 No	0	Primary Over-Voltage
SCA021	186	'473286551_/473286204_2'	0	0	0	8	0.1	10	0 No	0	Primary Over-Voltage
SCA021	187	'473286730_/473286271_1'	0	0	0	8	0.1	10	0 No	0	Primary Over-Voltage
SCA021	188	'2337730_/2337727'	0	0	0	2.664	0.07	3.33	0 No	0	Primary Over-Voltage
SCA021	189	'454807823_/454807820_1'	0	0	0	8	0.2	10	0 No	0	Primary Over-Voltage
SCA021	190	'473286207_/473286204_3'	0	0	0	8	0.1	10	0 No	0	Primary Over-Voltage
SCA021	191	'473286274_/473286271_2'	0	0	0	8	0.1	10	0 No	0	Primary Over-Voltage
SCA021	192	'473286625_/473286287_1'	0	0	0	8	0.1	10	0 No	0	Primary Over-Voltage
SCA021	193	'473286594_/473286287_2'	0	0	0	8	0.1	10	0 No	0	Primary Over-Voltage
SCA021	194	'473286290_/473286287_3'	0	0	0	8	0.1	10	0 No	0	Primary Over-Voltage
SCA021	195	'2320252_/2320250_1'	0	0	0	2.664	0.07	3.33	0 No	0	Primary Over-Voltage
SCA021	196	'2343856_/2343870'	0	0	0	8	0.2	10	0 No	0	Primary Over-Voltage
SCA021	197	'2324175_/496214852'	0	0	0	8	0.2	10	0 No	0	Primary Over-Voltage
SCA021	198	'43131264_/2339637'	0	0	0	2.664	0.07	3.33	0 No	0	Primary Over-Voltage
SCA021	199	'2343839_/2343853'	0	0	0	8	0.2	10	0 No	0	Primary Over-Voltage
SCA021	200	'2324192_/496214882'	0	0	0	8	0.2	10	0 No	0	Primary Over-Voltage
SCA021	201	'43130731_/2337559'	0	0	0	2.664	0.07	3.33	0 No	0	Primary Over-Voltage
SCA021	202	'2337477_/43130722'	0	0	0	2.664	0.07	3.33	0 No	0	Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SCA021	203	'2339362_/_2339372'	0	0	0	2.664	0.07	3.33	0 No	0	Primary Over-Voltage
SCA021	204	'2320104_/_2320101_2'	0	0	0	2.664	0.07	3.33	0 No	0	Primary Over-Voltage
SCA021	205	'2343822_/_2343836'	0	0	0	8	0.2	10	0 No	0	Primary Over-Voltage
SCA021	206	'496215016_/_496214897'	0	0	0	8	0.2	10	0 No	0	Primary Over-Voltage
SCA021	207	'428405880_/_2319413_1'	0	0	0	2.664	0.07	3.33	0 No	0	Primary Over-Voltage
SCA021	208	'2343805_/_2343819'	0	0	0	8	0.2	10	0 No	0	Primary Over-Voltage
SCA021	209	'2337182_/_2343802'	0	0	0	8	0.2	10	0 No	0	Primary Over-Voltage
SCA021	210	'2319916_/_2319914'	0	0	0	2.664	0.07	3.33	0 No	0	Primary Over-Voltage
SCA021	211	'2337183_/_2352145_1'	0	0	0	2.664	0.07	3.33	0 No	0	Primary Over-Voltage
SCA021	212	'43135589_/_43135591'	0	0	0	8	0.2	10	0 No	0	Primary Over-Voltage
SCA021	213	'63882648_/_2319898_2'	0	0	0	2.664	0.07	3.33	0 No	0	Primary Over-Voltage
SCA021	214	'2337743_/_2337740'	0	0	0	2.664	0.07	3.33	0 No	0	Primary Over-Voltage
SCA021	215	'2339553_/_2339566'	0	0	0	2.664	0.07	3.33	0 No	0	Primary Over-Voltage
SCA021	216	'2343751_/_2343768'	0	0	0	8	0.2	10	0 No	0	Primary Over-Voltage
SCA021	217	'2337562_/_43130733'	0	0	0	2.664	0.07	3.33	0 No	0	Primary Over-Voltage
SCA021	218	'2343734_/_2343748'	0	0	0	8	0.2	10	0 No	0	Primary Over-Voltage
SCA021	219	'2352148_/_2352145_2'	0	0	0	2.664	0.07	3.05	0 No	0	Primary Over-Voltage
SCA021	220	'2336956_/_2343731'	0	0	0	8	0.2	10	0 No	0	Primary Over-Voltage
SCA021	221	'2337400_/_2337410'	0	0	0	2.664	0.07	3.33	0 No	0	Primary Over-Voltage
SCA021	222	'2339349_/_2339359'	0	0	0	2.664	0.07	3.33	0 No	0	Primary Over-Voltage
SCA021	223	'2336957_/_2336970_1'	0	0	0	2.664	0.07	2.88	0 No	0	Primary Over-Voltage
SCA021	224	'2343700_/_2343714'	0	0	0	8	0.2	10	0 No	0	Primary Over-Voltage
SCA021	225	'43131724_/_2320250_2'	0	0	0	2.664	0.07	3.13	0 No	0	Primary Over-Voltage
SCA021	226	'2336914_/_2343697'	0	0	0	8	0.2	10	0 No	0	Primary Over-Voltage
SCA021	227	'2336973_/_2336970_2'	0	0	0	2.664	0.07	2.73	0 No	0	Primary Over-Voltage
SCA021	228	'2343666_/_2343680'	0	0	0	8	0.2	10	0 No	0	Primary Over-Voltage
SCA021	229	'43131253_/_43131266'	0	0	0	2.664	0.07	3.2	0 No	0	Primary Over-Voltage
SCA021	230	'2324226_/_496215014'	0	0	0	8	0.2	10	0 No	0	Primary Over-Voltage
SCA021	231	'2343649_/_2343663'	0	0	0	8	0.2	10	0 No	0	Primary Over-Voltage
SCA021	232	'2337756_/_2337753'	0	0	0	2.664	0.07	3.12	0 No	0	Primary Over-Voltage
SCA021	233	'2343632_/_2343646'	0	0	0	8	0.2	9.81	0 No	0	Primary Over-Voltage
SCA021	234	'2334198_/_496215049'	0	0	0	8	0.2	10	0 No	0	Primary Over-Voltage
SCA021	235	'2343615_/_2343629'	0	0	0	8	0.2	9.55	0 No	0	Primary Over-Voltage
SCA021	236	'43130564_/_2336912'	0	0	0	2.664	0.07	2.41	0 No	0	Primary Over-Voltage
SCA021	237	'499135957_/_2336857_1'	0	0	0	2.664	0.07	2.36	0 No	0	Primary Over-Voltage
SCA021	238	'2336846_/_2343612'	0	0	0	8	0.2	9.29	0 No	0	Primary Over-Voltage
SCA021	239	'2339336_/_2339346'	0	0	0	2.664	0.07	3.2	0 No	0	Primary Over-Voltage
SCA021	240	'2343581_/_2343595'	0	0	0	8	0.2	9.01	0 No	0	Primary Over-Voltage
SCA021	241	'2319868_/_2319866_1'	0	0	0	2.664	0.07	2.19	0 No	0	Primary Over-Voltage
SCA021	242	'50940965_/_2319400'	0	0	0	2.664	0.07	2.34	0 No	0	Primary Over-Voltage
SCA021	243	'2319402_/_50940962_1'	0	0	0	2.664	0.07	2.32	0 No	0	Primary Over-Voltage
SCA021	244	'2343564_/_2343578'	0	0	0	8	0.2	8.73	0 No	0	Primary Over-Voltage
SCA021	245	'2336999_/_2336996'	0	0	0	2.664	0.07	2.22	0 No	0	Primary Over-Voltage
SCA021	246	'2339540_/_2339550'	0	0	0	2.664	0.07	3.06	0 No	0	Primary Over-Voltage
SCA021	247	'2337574_/_43131726'	0	0	0	2.664	0.07	2.43	0 No	0	Primary Over-Voltage
SCA021	248	'2343544_/_2343561'	0	0	0	8	0.2	8.44	0 No	0	Primary Over-Voltage
SCA021	249	'2340954_/_2340951'	0	0	0	2.664	0.07	2.58	0 No	0	Primary Over-Voltage
SCA021	250	'2319869_/_2319866_2'	0	0	0	2.664	0.07	1.95	0 No	0	Primary Over-Voltage
SCA021	251	'2343527_/_2343541'	0	0	0	8	0.2	8.11	0 No	0	Primary Over-Voltage
SCA021	252	'53009708_/_2337598_2'	0	0	0	2.664	0.07	2.31	0 No	0	Primary Over-Voltage
SCA021	253	'2337387_/_2337397'	0	0	0	2.664	0.07	2.52	0 No	0	Primary Over-Voltage
SCA021	254	'2339527_/_2339537'	0	0	0	2.664	0.07	2.73	0 No	0	Primary Over-Voltage
SCA021	255	'2334069_/_2343524'	0	0	0	8	0.2	7.79	0 No	0	Primary Over-Voltage
SCA021	256	'587144304_/_587144308'	0	0	0	8	0.2	7.79	0 No	0	Primary Over-Voltage
SCA021	257	'2346083_/_2346093_1'	0	0	0	2.664	0.07	2.46	0 No	0	Primary Over-Voltage
SCA021	258	'2334052_/_2334066'	0	0	0	8	0.2	7.71	0 No	0	Primary Over-Voltage
SCA021	259	'53009667_/_2337598_1'	0	0	0	2.664	0.07	2.18	0 No	0	Primary Over-Voltage
SCA021	260	'587144363_/_544649087_1'	0	0	0	8	0.2	7.49	0 No	0	Primary Over-Voltage
SCA021	261	'544649090_/_544649087_2'	0	0	0	8	0.2	7.47	0 No	0	Primary Over-Voltage
SCA021	262	'2336804_/_2336802_2'	0	0	0	2.664	0.07	1.7	0 No	0	Primary Over-Voltage
SCA021	263	'2334035_/_2334049'	0	0	0	8	0.2	5.14	0 No	0	Primary Over-Voltage
SCA021	264	'2352082_/_2352174'	0	0	0	2.664	0.07	2.01	0 No	0	Primary Over-Voltage
SCA021	265	'2339320_/_2339333'	0	0	0	2.664	0.07	2.61	0 No	0	Primary Over-Voltage
SCA021	266	'2334018_/_2334032'	0	0	0	8	0.2	4.92	0 No	0	Primary Over-Voltage
SCA021	267	'544649108_/_544649105'	0	0	0	8	0.2	7.21	0 No	0	Primary Over-Voltage
SCA021	268	'2337012_/_2337009'	0	0	0	2.664	0.07	1.81	0 No	0	Primary Over-Voltage
SCA021	269	'2346096_/_2346093_2'	0	0	0	2.664	0.07	2.28	0 No	0	Primary Over-Voltage
SCA021	270	'2334017_/_2334015'	0	0	0	8	0.2	4.7	0 No	0	Primary Over-Voltage
SCA021	271	'2334218_/_496215064'	0	0	0	8	0.2	10	0 No	0	Primary Over-Voltage
SCA021	272	'544649124_/_544649121'	0	0	0	8	0.2	6.95	0 No	0	Primary Over-Voltage
SCA021	273	'2336805_/_2336802_1'	0	0	0	2.664	0.07	1.56	0 No	0	Primary Over-Voltage
SCA021	274	'2334235_/_496215091'	0	0	0	8	0.2	10	0 No	0	Primary Over-Voltage
SCA021	275	'2336860_/_2336857_2'	0	0	0	2.664	0.07	1.68	0 No	0	Primary Over-Voltage
SCA021	276	'7183663_/_7183660'	0	0	0	2.664	0.07	1.5	0 No	0	Primary Over-Voltage
SCA021	277	'43130528_/_2343890'	0	0	0	8	0.2	4.45	0 No	0	Primary Over-Voltage
SCA021	278	'2334322_/_2334320_2'	0	0	0	2.664	0.07	1.66	0 No	0	Primary Over-Voltage
SCA021	279	'2339653_/_43131255'	0	0	0	2.664	0.07	2.14	0 No	0	Primary Over-Voltage
SCA021	280	'544649140_/_544649137'	0	0	0	8	0.2	6.7	0 No	0	Primary Over-Voltage
SCA021	281	'2337575_/_2337572'	0	0	0	2.664	0.07	1.94	0 No	0	Primary Over-Voltage
SCA021	282	'53009676_/_2337611'	0	0	0	2.664	0.07	1.86	0 No	0	Primary Over-Voltage
SCA021	283	'544649156_/_544649153'	0	0	0	8	0.2	6.49	0 No	0	Primary Over-Voltage
SCA021	284	'2334000_/_2333998'	0	0	0	8	0.2	4.18	0 No	0	Primary Over-Voltage
SCA021	285	'587144437_/_587144441'	0	0	0	8	0.2	6.44	0 No	0	Primary Over-Voltage
SCA021	286	'2334252_/_496215230'	0	0	0	8	0.2	10	0 No	0	Primary Over-Voltage
SCA021	287	'2319403_/_50940962_2'	0	0	0	2.664	0.07	1.68	0 No	0	Primary Over-Voltage
SCA021	288	'544649172_/_544649169'	0	0	0	8	0.2	6.28	0 No	0	Primary Over-Voltage
SCA021	289	'2362962_/_2362960_2'	0	0	0	8	0.2	3.97	0 No	0	Primary Over-Voltage
SCA021	290	'2362946_/_2362960_1'	0	0	0	8	0.2	3.95	0 No	0	Primary Over-Voltage
SCA021	291	'587900834_/_587900831'	0	0	0	8	0.2	5	0 No	0	Primary Over-Voltage
SCA021	292	'587900945_/_544649209_1'	0	0	0	8	0.2	5	0 No	0	Primary Over-Voltage
SCA021	293	'587900929_/_587900865_1'	0	0	0	8	0.2	4.95	0 No	0	Primary Over-Voltage
SCA021	294	'43133656_/_2334320_1'	0	0	0	2.664	0.07	1.46	0 No	0	Primary Over-Voltage
SCA021	295	'2333984_/_2362943'	0	0	0	8	0.2	3.69	0 No	0	Primary Over-Voltage
SCA021	296	'2333967_/_2333981'	0	0	0	8	0.2	3.48	0 No	0	Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SCA021	297	'2339514_/_2339524'	0	0	0	2.664	0.07	1.98	0 No	0	Primary Over-Voltage
SCA021	298	'2346112_/_2346109'	0	0	0	2.664	0.07	1.77	0 No	0	Primary Over-Voltage
SCA021	299	'2339307_/_2339317'	0	0	0	2.664	0.07	1.99	0 No	0	Primary Over-Voltage
SCA021	300	'2333966_/_2333964'	0	0	0	8	0.2	3.27	0 No	0	Primary Over-Voltage
SCA021	301	'2337386_/_2337384'	0	0	0	2.664	0.07	1.77	0 No	0	Primary Over-Voltage
SCA021	302	'43130676_/_2337640'	0	0	0	2.664	0.07	1.57	0 No	0	Primary Over-Voltage
SCA021	303	'587900849_/_587900865_2'	0	0	0	8	0.2	4.42	0 No	0	Primary Over-Voltage
SCA021	304	'2344697_/_2344802'	0	0	0	8	0.2	3.08	0 No	0	Primary Over-Voltage
SCA021	305	'468600945_/_468600887'	0	0	0	2.664	0.07	0.95	0 No	0	Primary Over-Voltage
SCA021	306	'2320579_/_2344694'	0	0	0	8	0.2	2.88	0 No	0	Primary Over-Voltage
SCA021	307	'43131275_/_2320576'	0	0	0	8	0.2	2.69	0 No	0	Primary Over-Voltage
SCA021	308	'43130541_/_2336818'	0	0	0	2.664	0.07	0.98	0 No	0	Primary Over-Voltage
SCA021	309	'2344765_/_2344779'	0	0	0	8	0.2	2.47	0 No	0	Primary Over-Voltage
SCA021	310	'2339666_/_2339663'	0	0	0	2.664	0.07	1.48	0 No	0	Primary Over-Voltage
SCA021	311	'7220185_/_461437666_1'	0	0	0	2.664	0.07	1.79	0 No	0	Primary Over-Voltage
SCA021	312	'2364488_/_2364486_2'	0	0	0	2.664	0.07	0.83	0 No	0	Primary Over-Voltage
SCA021	313	'2352083_/_2352080'	0	0	0	2.664	0.07	1.2	0 No	0	Primary Over-Voltage
SCA021	314	'544649193_/_544649209_2'	0	0	0	8	0.2	3.76	0 No	0	Primary Over-Voltage
SCA021	315	'2344748_/_2344762'	0	0	0	8	0.2	2.27	0 No	0	Primary Over-Voltage
SCA021	316	'2337587_/_2337627'	0	0	0	2.664	0.07	1.28	0 No	0	Primary Over-Voltage
SCA021	317	'2336714_/_2364486_1'	0	0	0	2.664	0.07	0.78	0 No	0	Primary Over-Voltage
SCA021	318	'7220168_/_123246392_1'	0	0	0	2.664	0.07	1.33	0 No	0	Primary Over-Voltage
SCA021	319	'2336876_/_2336873'	0	0	0	2.664	0.07	1.03	0 No	0	Primary Over-Voltage
SCA021	320	'496215252_/_496215249'	0	0	0	8	0.2	9.51	0 No	0	Primary Over-Voltage
SCA021	321	'2337643_/_43130678'	0	0	0	2.664	0.07	1.23	0 No	0	Primary Over-Voltage
SCA021	322	'43131312_/_2344745'	0	0	0	8	0.2	2.07	0 No	0	Primary Over-Voltage
SCA021	323	'65437301_/_65437209_1'	0	0	0	2.664	0.07	0.65	0 No	0	Primary Over-Voltage
SCA021	324	'43131299_/_2344728'	0	0	0	8	0.2	1.88	0 No	0	Primary Over-Voltage
SCA021	325	'51674901_/_51674690_2'	0	0	0	2.664	0.07	0.6	0 No	0	Primary Over-Voltage
SCA021	326	'496215383_/_496215274'	0	0	0	8	0.2	9.22	0 No	0	Primary Over-Voltage
SCA021	327	'2344713_/_2344711'	0	0	0	8	0.2	1.69	0 No	0	Primary Over-Voltage
SCA021	328	'65437273_/_65437209_2'	0	0	0	2.664	0.07	0.55	0 No	0	Primary Over-Voltage
SCA021	329	'66041347_/_65437241_1'	0	0	0	2.664	0.07	0.54	0 No	0	Primary Over-Voltage
SCA021	330	'2339501_/_2339511'	0	0	0	2.664	0.07	1.35	0 No	0	Primary Over-Voltage
SCA021	331	'51674711_/_51674690_1'	0	0	0	2.664	0.07	0.52	0 No	0	Primary Over-Voltage
SCA021	332	'1618458_/_7069851'	0	0	0	8	0.2	1.5	0 No	0	Primary Over-Voltage
SCA021	333	'43130553_/_43130543'	0	0	0	2.664	0.07	0.65	0 No	0	Primary Over-Voltage
SCA021	334	'109070818_/_102596594_2'	0	0	0	8	0.2	1.24	0 No	0	Primary Over-Voltage
SCA021	335	'1618441_/_1618455'	0	0	0	8	0.2	1.29	0 No	0	Primary Over-Voltage
SCA021	336	'43131702_/_2340912'	0	0	0	2.664	0.07	1.11	0 No	0	Primary Over-Voltage
SCA021	337	'43130687_/_2337653'	0	0	0	2.664	0.07	0.95	0 No	0	Primary Over-Voltage
SCA021	338	'102596622_/_102596594_1'	0	0	0	8	0.2	1.2	0 No	0	Primary Over-Voltage
SCA021	339	'2363285_/_2363269'	0	0	0	2.664	0.07	1.04	0 No	0	Primary Over-Voltage
SCA021	340	'43021207_/_43021209'	0	0	0	8	0.2	1.11	0 No	0	Primary Over-Voltage
SCA021	341	'55289886_/_2339304'	0	0	0	2.664	0.07	1.2	0 No	0	Primary Over-Voltage
SCA021	342	'2334323_/_43133658'	0	0	0	2.664	0.07	0.66	0 No	0	Primary Over-Voltage
SCA021	343	'1651373_/_1651387'	0	0	0	8	0.2	0.92	0 No	0	Primary Over-Voltage
SCA021	344	'43130495_/_2336711'	0	0	0	2.664	0.07	0.42	0 No	0	Primary Over-Voltage
SCA021	345	'50941621_/_9114581'	0	0	0	2.664	0.07	0.95	0 No	0	Primary Over-Voltage
SCA021	346	'2337588_/_2337585'	0	0	0	2.664	0.07	0.83	0 No	0	Primary Over-Voltage
SCA021	347	'9114583_/_9427718_2'	0	0	0	2.664	0.07	0.91	0 No	0	Primary Over-Voltage
SCA021	348	'1618424_/_1651370'	0	0	0	8	0.2	0.74	0 No	0	Primary Over-Voltage
SCA021	349	'53009719_/_2337669_1'	0	0	0	2.664	0.07	0.79	0 No	0	Primary Over-Voltage
SCA021	350	'1618407_/_1618421'	0	0	0	8	0.2	0.56	0 No	0	Primary Over-Voltage
SCA021	351	'1651407_/_1651404'	0	0	0	2.664	0.07	0.15	0 No	0	Primary Over-Voltage
SCA021	352	'2337656_/_43130689'	0	0	0	2.664	0.07	0.66	0 No	0	Primary Over-Voltage
SCA021	353	'1618390_/_1618404'	0	0	0	8	0.2	0.39	0 No	0	Primary Over-Voltage
SCA021	354	'2319885_/_43130555'	0	0	0	2.664	0.07	0.35	0 No	0	Primary Over-Voltage
SCA021	355	'102596628_/_102596625'	0	0	0	8	0.2	0.51	0 No	0	Primary Over-Voltage
SCA021	356	'43130575_/_2336886'	0	0	0	2.664	0.07	0.46	0 No	0	Primary Over-Voltage
SCA021	357	'1618373_/_1618387'	0	0	0	8	0.2	0.23	0 No	0	Primary Over-Voltage
SCA021	358	'2334303_/_496215381'	0	0	0	8	0.2	7.67	0 No	0	Primary Over-Voltage
SCA021	359	'445702223_/_445702225'	0	0	0	8	0.2	0.18	0 No	0	Primary Over-Voltage
SCA021	360	'51674735_/_51674714'	0	0	0	2.664	0.07	0.13	0 No	0	Primary Over-Voltage
SCA021	361	'2339485_/_2339498'	0	0	0	2.664	0.07	0.81	0 No	0	Primary Over-Voltage
SCA021	362	'499135538_/_2334375_1'	0	0	0	2.664	0.07	0.26	0 No	0	Primary Over-Voltage
SCA021	363	'1618353_/_1618370'	0	0	0	8	0.2	0.06	0 No	0	Primary Over-Voltage
SCA021	364	'2334184_/_2334182_1'	0	0	0	2.664	0.07	0.24	0 No	0	Primary Over-Voltage
SCA021	365	'445702343_/_445702280_1'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	366	'2352096_/_2352093'	0	0	0	2.664	0.07	0.48	0 No	0	Primary Over-Voltage
SCA021	367	'2328706_/_496215446'	0	0	0	8	0.2	7.35	0 No	0	Primary Over-Voltage
SCA021	368	'1618352_/_1618350'	0	0	0	8	0.2	0	0 No	0	Primary Over-Voltage
SCA021	369	'2320145_/_2320143_1'	0	0	0	2.664	0.07	0.17	0 No	0	Primary Over-Voltage
SCA021	370	'2337672_/_2337669_2'	0	0	0	2.664	0.07	0.49	0 No	0	Primary Over-Voltage
SCA021	371	'2334378_/_2334375_2'	0	0	0	2.664	0.07	0.16	0 No	0	Primary Over-Voltage
SCA021	372	'1649093_/_1649091'	0	0	0	8	0.2	0	0 No	0	Primary Over-Voltage
SCA021	373	'55289878_/_2339291'	0	0	0	2.664	0.07	0.68	0 No	0	Primary Over-Voltage
SCA021	374	'1649111_/_1649108'	0	0	0	8	0.2	0	0 No	0	Primary Over-Voltage
SCA021	375	'2348959_/_2348957'	0	0	0	2.664	0.07	0.41	0 No	0	Primary Over-Voltage
SCA021	376	'2337374_/_2340899'	0	0	0	2.664	0.07	0.5	0 No	0	Primary Over-Voltage
SCA021	377	'2320146_/_2320143_2'	0	0	0	2.664	0.07	0.06	0 No	0	Primary Over-Voltage
SCA021	378	'2336902_/_43130577'	0	0	0	2.664	0.07	0.21	0 No	0	Primary Over-Voltage
SCA021	379	'69429418_/_1649173'	0	0	0	8	0.2	0	0 No	0	Primary Over-Voltage
SCA021	380	'43130483_/_43130485'	0	0	0	2.664	0.07	0.01	0 No	0	Primary Over-Voltage
SCA021	381	'2324258_/_2334336'	0	0	0	2.664	0.07	0.19	0 No	0	Primary Over-Voltage
SCA021	382	'69429610_/_1649244'	0	0	0	8	0.2	0	0 No	0	Primary Over-Voltage
SCA021	383	'43133667_/_2334182_2'	0	0	0	2.664	0.07	0.02	0 No	0	Primary Over-Voltage
SCA021	384	'9427040_/_9427718_1'	0	0	0	2.664	0.07	0.43	0 No	0	Primary Over-Voltage
SCA021	385	'1649213_/_1649227'	0	0	0	8	0.2	0	0 No	0	Primary Over-Voltage
SCA021	386	'144572415_/_7097620_2'	0	0	0	5.336	0.13	0	0 No	0	Primary Over-Voltage
SCA021	387	'49214262_/_1649125_2'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	388	'43031953_/_7097620_1'	0	0	0	5.336	0.13	0	0 No	0	Primary Over-Voltage
SCA021	389	'1649193_/_1649210_2'	0	0	0	8	0.2	0	0 No	0	Primary Over-Voltage
SCA021	390	'43031940_/_1649210_1'	0	0	0	8	0.2	0	0 No	0	Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SCA021	391	'1625264_/1649190'	0	0	0	0	8	0.2	0	0 No	0 Primary Over-Voltage
SCA021	392	'43027191_/43031955'	0	0	0	0	5.336	0.13	0	0 No	0 Primary Over-Voltage
SCA021	393	'1625781_/1625795'	0	0	0	0	8	0.2	0	0 No	0 Primary Over-Voltage
SCA021	394	'1625265_/1656468_1'	0	0	0	0	2.664	0.07	0	0 No	0 Primary Over-Voltage
SCA021	395	'51674759_/51674738'	0	0	0	0	2.664	0.07	0	0 No	0 Primary Over-Voltage
SCA021	396	'2363298_/2363295'	0	0	0	0	2.664	0.07	0.29	0 No	0 Primary Over-Voltage
SCA021	397	'2339484_/2339482'	0	0	0	0	2.664	0.07	0.34	0 No	0 Primary Over-Voltage
SCA021	398	'1625764_/1625778'	0	0	0	0	8	0.2	0	0 No	0 Primary Over-Voltage
SCA021	399	'2334391_/2334388'	0	0	0	0	2.664	0.07	0	0 No	0 Primary Over-Voltage
SCA021	400	'43130698_/2337685'	0	0	0	0	2.664	0.07	0.16	0 No	0 Primary Over-Voltage
SCA021	401	'65437234_/65437241_2'	0	0	0	0	2.664	0.07	0	0 No	0 Primary Over-Voltage
SCA021	402	'1625280_/1625761'	0	0	0	0	8	0.2	0	0 No	0 Primary Over-Voltage
SCA021	403	'43135723_/2365283'	0	0	0	0	2.664	0.07	0	0 No	0 Primary Over-Voltage
SCA021	404	'1625730_/1625744'	0	0	0	0	8	0.2	0	0 No	0 Primary Over-Voltage
SCA021	405	'2339704_/2339702'	0	0	0	0	2.664	0.07	0.23	0 No	0 Primary Over-Voltage
SCA021	406	'2328707_/496215477'	0	0	0	0	8	0.2	6.05	0 No	0 Primary Over-Voltage
SCA021	407	'2334185_/43133669'	0	0	0	0	2.664	0.07	0	0 No	0 Primary Over-Voltage
SCA021	408	'1624930_/1624928_1'	0	0	0	0	2.664	0.07	0	0 No	0 Primary Over-Voltage
SCA021	409	'2348986_/2349098'	0	0	0	0	2.664	0.07	0.07	0 No	0 Primary Over-Voltage
SCA021	410	'55289862_/2339278'	0	0	0	0	2.664	0.07	0.23	0 No	0 Primary Over-Voltage
SCA021	411	'496215515_/496215512'	0	0	0	0	8	0.2	5.92	0 No	0 Primary Over-Voltage
SCA021	412	'43027178_/43027180'	0	0	0	0	8	0.2	0	0 No	0 Primary Over-Voltage
SCA021	413	'1656471_/1656468_2'	0	0	0	0	2.664	0.07	0	0 No	0 Primary Over-Voltage
SCA021	414	'2328785_/497597857'	0	0	0	0	8	0.2	5.78	0 No	0 Primary Over-Voltage
SCA021	415	'1625814_/1625812'	0	0	0	0	8	0.2	0	0 No	0 Primary Over-Voltage
SCA021	416	'2328740_/2328738_1'	0	0	0	0	2.664	0.07	0	0 No	0 Primary Over-Voltage
SCA021	417	'2337361_/2337371'	0	0	0	0	2.664	0.07	0.08	0 No	0 Primary Over-Voltage
SCA021	418	'2352108_/2352132'	0	0	0	0	2.664	0.07	0	0 No	0 Primary Over-Voltage
SCA021	419	'2351612_/2351623_2'	0	0	0	0	2.664	0.07	0	0 No	0 Primary Over-Voltage
SCA021	420	'422812760_/497597882'	0	0	0	0	8	0.2	5.62	0 No	0 Primary Over-Voltage
SCA021	421	'1625869_/1625883'	0	0	0	0	8	0.2	0	0 No	0 Primary Over-Voltage
SCA021	422	'445702261_/445702280_2'	0	0	0	0	2.664	0.07	0	0 No	0 Primary Over-Voltage
SCA021	423	'1625852_/1625866'	0	0	0	0	8	0.2	0	0 No	0 Primary Over-Voltage
SCA021	424	'69428552_/1625849_2'	0	0	0	0	8	0.2	0	0 No	0 Primary Over-Voltage
SCA021	425	'497598132_/497598119'	0	0	0	0	8	0.2	5.47	0 No	0 Primary Over-Voltage
SCA021	426	'2324259_/2324256'	0	0	0	0	2.664	0.07	0	0 No	0 Primary Over-Voltage
SCA021	427	'422812831_/422812655_2'	0	0	0	0	2.664	0.07	0	0 No	0 Primary Over-Voltage
SCA021	428	'8156896_/8786144_2'	0	0	0	0	2.664	0.07	0	0 No	0 Primary Over-Voltage
SCA021	429	'2328802_/2328800_2'	0	0	0	0	2.664	0.07	0	0 No	0 Primary Over-Voltage
SCA021	430	'2340264_/2340274'	0	0	0	0	2.664	0.07	0.01	0 No	0 Primary Over-Voltage
SCA021	431	'2324352_/2334401'	0	0	0	0	2.664	0.07	0	0 No	0 Primary Over-Voltage
SCA021	432	'1625832_/1625849_1'	0	0	0	0	8	0.2	0	0 No	0 Primary Over-Voltage
SCA021	433	'497598133_/497598130'	0	0	0	0	8	0.2	5.34	0 No	0 Primary Over-Voltage
SCA021	434	'1649081_/1649125_1'	0	0	0	0	2.664	0.07	0	0 No	0 Primary Over-Voltage
SCA021	435	'9113779_/539883800_1'	0	0	0	0	2.664	0.07	0	0 No	0 Primary Over-Voltage
SCA021	436	'2336700_/2336698'	0	0	0	0	2.664	0.07	0	0 No	0 Primary Over-Voltage
SCA021	437	'51674788_/51674762'	0	0	0	0	2.664	0.07	0	0 No	0 Primary Over-Voltage
SCA021	438	'2337688_/43130700'	0	0	0	0	2.664	0.07	0	0 No	0 Primary Over-Voltage
SCA021	439	'2351626_/2351623_1'	0	0	0	0	2.664	0.07	0	0 No	0 Primary Over-Voltage
SCA021	440	'2348973_/2348983'	0	0	0	0	2.664	0.07	0	0 No	0 Primary Over-Voltage
SCA021	441	'43027281_/1624928_2'	0	0	0	0	2.664	0.07	0	0 No	0 Primary Over-Voltage
SCA021	442	'43131787_/497598169'	0	0	0	0	8	0.2	5.21	0 No	0 Primary Over-Voltage
SCA021	443	'2335038_/2335035'	0	0	0	0	2.664	0.07	0	0 No	0 Primary Over-Voltage
SCA021	444	'1625696_/1625829'	0	0	0	0	8	0.2	0	0 No	0 Primary Over-Voltage
SCA021	445	'2339254_/2339887'	0	0	0	0	2.664	0.07	0	0 No	0 Primary Over-Voltage
SCA021	446	'2324272_/2324269'	0	0	0	0	2.664	0.07	0	0 No	0 Primary Over-Voltage
SCA021	447	'2324324_/2324321'	0	0	0	0	2.664	0.07	0	0 No	0 Primary Over-Voltage
SCA021	448	'2320612_/497598184'	0	0	0	0	8	0.2	5.11	0 No	0 Primary Over-Voltage
SCA021	449	'43027132_/43027134'	0	0	0	0	8	0.2	0	0 No	0 Primary Over-Voltage
SCA021	450	'2339929_/2363308'	0	0	0	0	2.664	0.07	0	0 No	0 Primary Over-Voltage
SCA021	451	'2328803_/2328800_1'	0	0	0	0	2.664	0.07	0	0 No	0 Primary Over-Voltage
SCA021	452	'7536446_/7536444_1'	0	0	0	0	2.664	0.07	0	0 No	0 Primary Over-Voltage
SCA021	453	'43131774_/497598197'	0	0	0	0	8	0.2	5.01	0 No	0 Primary Over-Voltage
SCA021	454	'43027204_/43027193'	0	0	0	0	5.336	0.13	0	0 No	0 Primary Over-Voltage
SCA021	455	'43027119_/43027121'	0	0	0	0	8	0.2	0	0 No	0 Primary Over-Voltage
SCA021	456	'2337024_/2365296'	0	0	0	0	2.664	0.07	0	0 No	0 Primary Over-Voltage
SCA021	457	'422812658_/422812655_1'	0	0	0	0	2.664	0.07	0	0 No	0 Primary Over-Voltage
SCA021	458	'2339164_/2339874'	0	0	0	0	2.664	0.07	0	0 No	0 Primary Over-Voltage
SCA021	459	'1625678_/1625676'	0	0	0	0	8	0.2	0	0 No	0 Primary Over-Voltage
SCA021	460	'37612898_/121873093'	0	0	0	0	2.664	0.07	0	0 No	0 Primary Over-Voltage
SCA021	461	'37612892_/37612896'	0	0	0	0	2.664	0.07	0	0 No	0 Primary Over-Voltage
SCA021	462	'37612885_/37612889'	0	0	0	0	2.664	0.07	0	0 No	0 Primary Over-Voltage
SCA021	463	'37612905_/37612903'	0	0	0	0	2.664	0.07	0	0 No	0 Primary Over-Voltage
SCA021	464	'37612933_/37612931_1'	0	0	0	0	2.664	0.07	0	0 No	0 Primary Over-Voltage
SCA021	465	'37612920_/37612931_2'	0	0	0	0	2.664	0.07	0	0 No	0 Primary Over-Voltage
SCA021	466	'44468556_/2328738_2'	0	0	0	0	2.664	0.07	0	0 No	0 Primary Over-Voltage
SCA021	467	'504840101_/43131181'	0	0	0	0	2.664	0.07	0	0 No	0 Primary Over-Voltage
SCA021	468	'43032381_/43032383'	0	0	0	0	8	0.2	0	0 No	0 Primary Over-Voltage
SCA021	469	'1625662_/1651705'	0	0	0	0	8	0.2	0	0 No	0 Primary Over-Voltage
SCA021	470	'2351642_/2351639'	0	0	0	0	2.664	0.07	0	0 No	0 Primary Over-Voltage
SCA021	471	'2324353_/2324350'	0	0	0	0	2.664	0.07	0	0 No	0 Primary Over-Voltage
SCA021	472	'2323863_/2339926'	0	0	0	0	2.664	0.07	0	0 No	0 Primary Over-Voltage
SCA021	473	'2337348_/2337358'	0	0	0	0	2.664	0.07	0	0 No	0 Primary Over-Voltage
SCA021	474	'51674811_/51674790'	0	0	0	0	2.664	0.07	0	0 No	0 Primary Over-Voltage
SCA021	475	'1625645_/1625659'	0	0	0	0	8	0.2	0	0 No	0 Primary Over-Voltage
SCA021	476	'2352109_/2352106'	0	0	0	0	2.664	0.07	0	0 No	0 Primary Over-Voltage
SCA021	477	'2324337_/2324334'	0	0	0	0	2.664	0.07	0	0 No	0 Primary Over-Voltage
SCA021	478	'1625207_/1625642'	0	0	0	0	8	0.2	0	0 No	0 Primary Over-Voltage
SCA021	479	'2348998_/2348996'	0	0	0	0	2.664	0.07	0	0 No	0 Primary Over-Voltage
SCA021	480	'2324498_/2334957'	0	0	0	0	2.664	0.07	0	0 No	0 Primary Over-Voltage
SCA021	481	'2339176_/2339252'	0	0	0	0	2.664	0.07	0	0 No	0 Primary Over-Voltage
SCA021	482	'9707072_/2349025_2'	0	0	0	0	2.664	0.07	0	0 No	0 Primary Over-Voltage
SCA021	483	'2324298_/2324295'	0	0	0	0	2.664	0.07	0	0 No	0 Primary Over-Voltage
SCA021	484	'88834615_/88834570_1'	0	0	0	0	2.664	0.07	0	0 No	0 Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SCA021	485	'374202436_/_1625220_3'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	486	'1625608_/_1625625'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	487	'53009733_/_7742237_1'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	488	'7220249_/_7220246'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	489	'9427041_/_9427038'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	490	'1625161_/_1625605'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	491	'1625222_/_1625220_2'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	492	'1649068_/_1649078'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	493	'1624947_/_43027283'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	494	'2340558_/_2340568'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	495	'392399770_/_392399695_1'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	496	'422812672_/_422812669'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	497	'1625162_/_1625175_1'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	498	'1625571_/_1625588'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	499	'392399698_/_392399695_2'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	500	'2337025_/_2337022'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	501	'2320596_/_497598405'	0	0	0	8	0.2	4.03	0	No	0 Primary Over-Voltage
SCA021	502	'57372177_/_57372174'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	503	'63584080_/_43027147'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	504	'8795769_/_9113809'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	505	'2324366_/_2324363'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	506	'2339151_/_2339161'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	507	'2343387_/_497598448'	0	0	0	8	0.2	3.92	0	No	0 Primary Over-Voltage
SCA021	508	'43128546_/_2341077'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	509	'43027093_/_43027095'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	510	'43127546_/_2324282'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	511	'43027217_/_43027206'	0	0	0	5.336	0.13	0	0	No	0 Primary Over-Voltage
SCA021	512	'1625178_/_1625175_2'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	513	'2345827_/_2345824'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	514	'2349015_/_2349025_1'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	515	'51674835_/_51674814'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	516	'1625122_/_1625551'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	517	'1625123_/_1625133_1'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	518	'43128458_/_2335022'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	519	'43027106_/_1625534'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	520	'8156912_/_8786144_1'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	521	'43128557_/_2345740'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	522	'2339177_/_2339174'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	523	'63584120_/_1625220_1'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	524	'2337347_/_2337345'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	525	'2336930_/_2337038'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	526	'1625497_/_1625511'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	527	'2345852_/_2345850'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	528	'2345726_/_2345724_1'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	529	'2324379_/_2324376'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	530	'9427173_/_9427170'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	531	'1625480_/_1625494'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	532	'1625136_/_1625133_2'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	533	'2335025_/_43128460'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	534	'392399712_/_392399709'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	535	'2346554_/_2346552'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	536	'7220476_/_51512069_1'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	537	'1625463_/_1625477'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	538	'43127568_/_2324308'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	539	'422812686_/_422812683'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	540	'2349014_/_43131715'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	541	'1625462_/_1625460'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	542	'1626968_/_1626982'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	543	'2324392_/_2324389'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	544	'7742240_/_7742237_2'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	545	'1625191_/_43027158'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	546	'2345865_/_2346565'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	547	'2323864_/_2323861'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	548	'118861854_/_43127559_1'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	549	'1626951_/_1626965'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	550	'2339138_/_2339148'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	551	'51674841_/_51674838'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	552	'1581382_/_1649065'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	553	'1626934_/_1626948'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	554	'2340557_/_2340555'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	555	'2343388_/_497598471'	0	0	0	8	0.2	3.06	0	No	0 Primary Over-Voltage
SCA021	556	'1626917_/_1626931'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	557	'2328681_/_497598510'	0	0	0	8	0.2	2.99	0	No	0 Primary Over-Voltage
SCA021	558	'43132204_/_2345724_2'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	559	'593641894_/_497598826'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	560	'1625149_/_1625146'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	561	'2328693_/_2345753_2'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	562	'8468787_/_8468785_1'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	563	'1626900_/_1626914'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	564	'2339190_/_2339187'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	565	'2341080_/_43128548'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	566	'2343439_/_2343436'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	567	'593641916_/_497598945_1'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	568	'43027230_/_43027219'	0	0	0	5.336	0.13	0	0	No	0 Primary Over-Voltage
SCA021	569	'1626628_/_1626897'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	570	'593641690_/_497598945_2'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	571	'593641699_/_497598974'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	572	'1626487_/_1626625'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	573	'2341511_/_2341521'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	574	'2345840_/_43127559_2'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	575	'1626648_/_1626645'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	576	'2328953_/_2335090'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	577	'2343456_/_2343453'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	578	'593641641_/_593641703'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SCA021	579	'2324285_/_43127548'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	580	'593641833_/_504057401_1'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	581	'593641658_/_2335576_1'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	582	'526613780_/_526613529'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	583	'7535783_/_121873127'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	584	'2328603_/_497598997'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	585	'526613809_/_526613623_2'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	586	'1626665_/_1626679'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	587	'2320366_/_2320377'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	588	'2343473_/_2343470'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	589	'2349114_/_2349111'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	590	'43128480_/_497599024'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	591	'593641793_/_504057401_2'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	592	'593641944_/_2346536_1'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	593	'2337195_/_2349127'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	594	'2324311_/_43127570'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	595	'1626664_/_1626662'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	596	'526613626_/_526613623_1'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	597	'43132215_/_2345753_1'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	598	'2336931_/_2336928'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	599	'2337869_/_2339822'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	600	'2328641_/_2335576_2'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	601	'1626701_/_1626699'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	602	'2349143_/_2349140'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	603	'2346539_/_2346536_2'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	604	'2339125_/_2339135'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	605	'7536447_/_7536444_2'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	606	'2343490_/_2343487'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	607	'8479518_/_9114565_1'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	608	'7489418_/_7489416_1'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	609	'1626106_/_1626716'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	610	'69428913_/_7220458_1'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	611	'43027482_/_43027484'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	612	'69428960_/_1626088_1'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	613	'7156941_/_7156938'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	614	'1625410_/_1625408'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	615	'8125594_/_8125592_1'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	616	'2339203_/_2339200'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	617	'2345727_/_43132206'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	618	'1626738_/_1626736'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	619	'2343282_/_2343504'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	620	'1581369_/_1581379'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	621	'67798230_/_67798176_1'	0	0	0	5.336	0.13	0	0	No	0 Primary Over-Voltage
SCA021	622	'638437589_/_2336941'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	623	'7220461_/_7220458_2'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	624	'43128401_/_2343280'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	625	'2345756_/_43132217'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	626	'638437680_/_638437639_1'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	627	'43027495_/_43027497_1'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	628	'7832561_/_8156909'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	629	'2337196_/_2337193'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	630	'2323877_/_2323874'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	631	'1626091_/_1626088_2'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	632	'526613641_/_526613638'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	633	'2328940_/_2328950'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	634	'360575266_/_51512069_2'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	635	'1625903_/_1625900'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	636	'2340545_/_2341508'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	637	'7535750_/_7535748_1'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	638	'43027243_/_43027232'	0	0	0	5.336	0.13	0	0	No	0 Primary Over-Voltage
SCA021	639	'2335562_/_43128403'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	640	'1626755_/_1626753'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	641	'2319493_/_2319491_1'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	642	'496213722_/_497599452'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	643	'1626805_/_1651553'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	644	'2328577_/_497599463'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	645	'2339112_/_2339122'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	646	'1646859_/_1646856'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	647	'2339216_/_2339213'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	648	'2343317_/_2343314'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	649	'34549077_/_8125592_2'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	650	'43130586_/_2337209'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	651	'1646838_/_1646890'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	652	'67798179_/_67798176_2'	0	0	0	5.336	0.13	0	0	No	0 Primary Over-Voltage
SCA021	653	'43128491_/_497599492'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	654	'2328927_/_2328937'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	655	'1646821_/_1646836'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	656	'2336944_/_638437593'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	657	'2328642_/_2328639'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	658	'1624976_/_1625926'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	659	'2337853_/_2337866'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	660	'473428039_/_1655020'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	661	'2328490_/_497599505'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	662	'54074459_/_1646819'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	663	'8125578_/_44081679'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	664	'1655023_/_8131489_2'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	665	'43128388_/_2343331'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	666	'1626196_/_1626206_1'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	667	'484269833_/_484269830'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	668	'1581368_/_1581366'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	669	'484270013_/_484269845_1'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	670	'526613656_/_526613653'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	671	'1626806_/_1626803'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	672	'9114568_/_9114565_2'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SCA021	673	'1626557_/_1626554'	0	0	0	0	8	0.2	0	0 No	0 Primary Over-Voltage
SCA021	674	'497599529_/_497599527'	0	0	0	0	8	0.2	0	0 No	0 Primary Over-Voltage
SCA021	675	'43128568_/_2328924'	0	0	0	0	2.664	0.07	0	0 No	0 Primary Over-Voltage
SCA021	676	'8125579_/_8125576'	0	0	0	0	2.664	0.07	0	0 No	0 Primary Over-Voltage
SCA021	677	'7832596_/_9416652_2'	0	0	0	0	2.664	0.07	0	0 No	0 Primary Over-Voltage
SCA021	678	'1626574_/_1626571'	0	0	0	0	8	0.2	0	0 No	0 Primary Over-Voltage
SCA021	679	'473428027_/_473428024'	0	0	0	0	2.664	0.07	0	0 No	0 Primary Over-Voltage
SCA021	680	'497599562_/_497599560'	0	0	0	0	8	0.2	0	0 No	0 Primary Over-Voltage
SCA021	681	'1626163_/_1626588'	0	0	0	0	8	0.2	0	0 No	0 Primary Over-Voltage
SCA021	682	'54074792_/_1626206_2'	0	0	0	0	2.664	0.07	0	0 No	0 Primary Over-Voltage
SCA021	683	'2343351_/_43128390'	0	0	0	0	8	0.2	0	0 No	0 Primary Over-Voltage
SCA021	684	'1626253_/_435481288'	0	0	0	0	8	0.2	0	0 No	0 Primary Over-Voltage
SCA021	685	'54074773_/_54074508_1'	0	0	0	0	2.664	0.07	0	0 No	0 Primary Over-Voltage
SCA021	686	'2337225_/_2337222'	0	0	0	0	2.664	0.07	0	0 No	0 Primary Over-Voltage
SCA021	687	'8786446_/_9416652_1'	0	0	0	0	2.664	0.07	0	0 No	0 Primary Over-Voltage
SCA021	688	'435481329_/_1626235_1'	0	0	0	0	2.664	0.07	0	0 No	0 Primary Over-Voltage
SCA021	689	'1626137_/_1626134'	0	0	0	0	2.664	0.07	0	0 No	0 Primary Over-Voltage
SCA021	690	'2327443_/_497599581'	0	0	0	0	8	0.2	0	0 No	0 Primary Over-Voltage
SCA021	691	'7220136_/_7220134_1'	0	0	0	0	2.664	0.07	0	0 No	0 Primary Over-Voltage
SCA021	692	'497599443_/_43128515_1'	0	0	0	0	2.664	0.07	0	0 No	0 Primary Over-Voltage
SCA021	693	'1626520_/_1626537'	0	0	0	0	8	0.2	0	0 No	0 Primary Over-Voltage
SCA021	694	'43128414_/_2319491_2'	0	0	0	0	2.664	0.07	0	0 No	0 Primary Over-Voltage
SCA021	695	'484269848_/_484269845_2'	0	0	0	0	2.664	0.07	0	0 No	0 Primary Over-Voltage
SCA021	696	'43128375_/_2343365'	0	0	0	0	8	0.2	0	0 No	0 Primary Over-Voltage
SCA021	697	'8752375_/_9069981'	0	0	0	0	2.664	0.07	0	0 No	0 Primary Over-Voltage
SCA021	698	'2343368_/_2348793_1'	0	0	0	0	8	0.2	0	0 No	0 Primary Over-Voltage
SCA021	699	'2351892_/_2351889'	0	0	0	0	2.664	0.07	0	0 No	0 Primary Over-Voltage
SCA021	700	'1626183_/_1626235_2'	0	0	0	0	2.664	0.07	0	0 No	0 Primary Over-Voltage
SCA021	701	'2339099_/_2339109'	0	0	0	0	2.664	0.07	0	0 No	0 Primary Over-Voltage
SCA021	702	'43027256_/_43027245'	0	0	0	0	5.336	0.13	0	0 No	0 Primary Over-Voltage
SCA021	703	'1626519_/_1626517'	0	0	0	0	8	0.2	0	0 No	0 Primary Over-Voltage
SCA021	704	'2348796_/_2348793_2'	0	0	0	0	8	0.2	0	0 No	0 Primary Over-Voltage
SCA021	705	'473427854_/_8131489_1'	0	0	0	0	2.664	0.07	0	0 No	0 Primary Over-Voltage
SCA021	706	'2337882_/_2337879'	0	0	0	0	2.664	0.07	0	0 No	0 Primary Over-Voltage
SCA021	707	'473427823_/_473427858'	0	0	0	0	2.664	0.07	0	0 No	0 Primary Over-Voltage
SCA021	708	'2337840_/_2337850'	0	0	0	0	2.664	0.07	0	0 No	0 Primary Over-Voltage
SCA021	709	'2350965_/_2351136'	0	0	0	0	8	0.2	0	0 No	0 Primary Over-Voltage
SCA021	710	'50663797_/_2351065_1'	0	0	0	0	8	0.2	0	0 No	0 Primary Over-Voltage
SCA021	711	'1626182_/_1626180'	0	0	0	0	2.664	0.07	0	0 No	0 Primary Over-Voltage
SCA021	712	'43027049_/_1624974'	0	0	0	0	2.664	0.07	0	0 No	0 Primary Over-Voltage
SCA021	713	'2336685_/_2340542'	0	0	0	0	2.664	0.07	0	0 No	0 Primary Over-Voltage
SCA021	714	'526613671_/_526613668'	0	0	0	0	2.664	0.07	0	0 No	0 Primary Over-Voltage
SCA021	715	'2350994_/_2351065_2'	0	0	0	0	8	0.2	0	0 No	0 Primary Over-Voltage
SCA021	716	'1627673_/_1627687'	0	0	0	0	8	0.2	0	0 No	0 Primary Over-Voltage
SCA021	717	'8752374_/_8752372'	0	0	0	0	2.664	0.07	0	0 No	0 Primary Over-Voltage
SCA021	718	'1625003_/_1625913'	0	0	0	0	2.664	0.07	0	0 No	0 Primary Over-Voltage
SCA021	719	'43135276_/_2362994'	0	0	0	0	2.664	0.07	0	0 No	0 Primary Over-Voltage
SCA021	720	'2350966_/_2350976_2'	0	0	0	0	2.664	0.07	0	0 No	0 Primary Over-Voltage
SCA021	721	'2328901_/_2328911'	0	0	0	0	2.664	0.07	0	0 No	0 Primary Over-Voltage
SCA021	722	'43133400_/_2350992'	0	0	0	0	8	0.2	0	0 No	0 Primary Over-Voltage
SCA021	723	'7489419_/_7489416_2'	0	0	0	0	2.664	0.07	0	0 No	0 Primary Over-Voltage
SCA021	724	'2351029_/_2351039_1'	0	0	0	0	2.664	0.07	0	0 No	0 Primary Over-Voltage
SCA021	725	'157741837_/_43133402_1'	0	0	0	0	8	0.2	0	0 No	0 Primary Over-Voltage
SCA021	726	'1534285_/_1587115'	0	0	0	0	2.664	0.07	0	0 No	0 Primary Over-Voltage
SCA021	727	'43133360_/_2351102'	0	0	0	0	8	0.2	0	0 No	0 Primary Over-Voltage
SCA021	728	'54074501_/_54074508_2'	0	0	0	0	2.664	0.07	0	0 No	0 Primary Over-Voltage
SCA021	729	'397431978_/_43027084_2'	0	0	0	0	2.664	0.07	0	0 No	0 Primary Over-Voltage
SCA021	730	'43133413_/_43133402_2'	0	0	0	0	8	0.2	0	0 No	0 Primary Over-Voltage
SCA021	731	'2328561_/_43128515_2'	0	0	0	0	2.664	0.07	0	0 No	0 Primary Over-Voltage
SCA021	732	'1627587_/_1627670'	0	0	0	0	8	0.2	0	0 No	0 Primary Over-Voltage
SCA021	733	'43127423_/_2323887'	0	0	0	0	2.664	0.07	0	0 No	0 Primary Over-Voltage
SCA021	734	'484269863_/_484269860'	0	0	0	0	2.664	0.07	0	0 No	0 Primary Over-Voltage
SCA021	735	'1626162_/_1626160'	0	0	0	0	8	0.2	0	0 No	0 Primary Over-Voltage
SCA021	736	'88834725_/_88834570_2'	0	0	0	0	2.664	0.07	0	0 No	0 Primary Over-Voltage
SCA021	737	'44059282_/_2339783'	0	0	0	0	2.664	0.07	0	0 No	0 Primary Over-Voltage
SCA021	738	'484270052_/_484269956_1'	0	0	0	0	2.664	0.07	0	0 No	0 Primary Over-Voltage
SCA021	739	'2351012_/_43133415'	0	0	0	0	8	0.2	0	0 No	0 Primary Over-Voltage
SCA021	740	'1627588_/_1627598_1'	0	0	0	0	2.664	0.07	0	0 No	0 Primary Over-Voltage
SCA021	741	'499135897_/_1652460_2'	0	0	0	0	8	0.2	0	0 No	0 Primary Over-Voltage
SCA021	742	'2324149_/_88834570_3'	0	0	0	0	2.664	0.07	0	0 No	0 Primary Over-Voltage
SCA021	743	'43133373_/_2362900'	0	0	0	0	8	0.2	0	0 No	0 Primary Over-Voltage
SCA021	744	'51512107_/_51512114'	0	0	0	0	2.664	0.07	0	0 No	0 Primary Over-Voltage
SCA021	745	'2351042_/_2351039_2'	0	0	0	0	2.664	0.07	0	0 No	0 Primary Over-Voltage
SCA021	746	'7220137_/_7220134_2'	0	0	0	0	2.664	0.07	0	0 No	0 Primary Over-Voltage
SCA021	747	'1627554_/_1627653'	0	0	0	0	8	0.2	0	0 No	0 Primary Over-Voltage
SCA021	748	'2351085_/_2351082'	0	0	0	0	8	0.2	0	0 No	0 Primary Over-Voltage
SCA021	749	'8479566_/_8796182_2'	0	0	0	0	2.664	0.07	0	0 No	0 Primary Over-Voltage
SCA021	750	'504236816_/_504236813'	0	0	0	0	2.664	0.07	0	0 No	0 Primary Over-Voltage
SCA021	751	'7832560_/_7832558'	0	0	0	0	2.664	0.07	0	0 No	0 Primary Over-Voltage
SCA021	752	'1627601_/_1627598_2'	0	0	0	0	2.664	0.07	0	0 No	0 Primary Over-Voltage
SCA021	753	'2327430_/_497599615'	0	0	0	0	8	0.2	0	0 No	0 Primary Over-Voltage
SCA021	754	'2350770_/_2351198'	0	0	0	0	8	0.2	0	0 No	0 Primary Over-Voltage
SCA021	755	'638437623_/_638437639_2'	0	0	0	0	2.664	0.07	0	0 No	0 Primary Over-Voltage
SCA021	756	'1627553_/_1627551'	0	0	0	0	8	0.2	0	0 No	0 Primary Over-Voltage
SCA021	757	'43130753_/_2337892'	0	0	0	0	2.664	0.07	0	0 No	0 Primary Over-Voltage
SCA021	758	'2337895_/_43130755'	0	0	0	0	2.664	0.07	0	0 No	0 Primary Over-Voltage
SCA021	759	'2339086_/_2339096'	0	0	0	0	2.664	0.07	0	0 No	0 Primary Over-Voltage
SCA021	760	'43133323_/_2350768'	0	0	0	0	8	0.2	0	0 No	0 Primary Over-Voltage
SCA021	761	'2351918_/_2351915'	0	0	0	0	2.664	0.07	0	0 No	0 Primary Over-Voltage
SCA021	762	'2350953_/_2350976_1'	0	0	0	0	2.664	0.07	0	0 No	0 Primary Over-Voltage
SCA021	763	'43133387_/_43133375'	0	0	0	0	8	0.2	0	0 No	0 Primary Over-Voltage
SCA021	764	'7535782_/_7535780'	0	0	0	0	2.664	0.07	0	0 No	0 Primary Over-Voltage
SCA021	765	'447309574_/_447309578'	0	0	0	0	8	0.2	0	0 No	0 Primary Over-Voltage
SCA021	766	'148926873_/_526614971'	0	0	0	0	2.664	0.07	0	0 No	0 Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SCA021	767	'7206642_/473427827'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	768	'2327297_/2327294'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	769	'2350682_/43133325'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	770	'2337824_/2337837'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	771	'43027438_/1626284'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	772	'63584345_/1627534_2'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	773	'69429161_/497599638'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	774	'2328900_/2328898'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	775	'2350683_/2350680'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	776	'7535751_/7535748_2'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	777	'7130600_/7130613_1'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	778	'68403526_/68403425_1'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	779	'1627335_/1627534_1'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	780	'2333526_/2351119'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	781	'43027269_/43027258'	0	0	0	5.336	0.13	0	0	No	0 Primary Over-Voltage
SCA021	782	'497599699_/497599655'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	783	'446156302_/9380528_2'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	784	'1624977_/43027051'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	785	'2350700_/2350697'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	786	'1627359_/7130613_2'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	787	'1627056_/1627054_1'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	788	'521866693_/148926802'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	789	'7187812_/7187809'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	790	'2362997_/43135278'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	791	'53009743_/44059284'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	792	'43133260_/2350808'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	793	'504236837_/504236834'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	794	'1627617_/43027653'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	795	'2328502_/2328500_1'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	796	'2336684_/2336682_2'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	797	'2350596_/2350825'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	798	'43133448_/497599696'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	799	'43027038_/1625939'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	800	'70012598_/1626339_2'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	801	'1652462_/1652460_1'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	802	'2336672_/2336682_1'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	803	'2328848_/2333524'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	804	'156383417_/2350594_1'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	805	'43021174_/1534283'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	806	'1627519_/1627517'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	807	'2328849_/2335278_1'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	808	'2350626_/2350623'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	809	'1626342_/1626339_3'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	810	'496213843_/498424166'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	811	'7832906_/634716537_1'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	812	'1626341_/1626339_1'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	813	'7832612_/8468817'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	814	'496213883_/8796214_1'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	815	'484269940_/484269956_2'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	816	'2346756_/2346753'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	817	'67218337_/67218383'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	818	'54074538_/54074545'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	819	'2350646_/2350643'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	820	'360575395_/360575414'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	821	'69428941_/8479467_1'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	822	'43131512_/2345032'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	823	'8469112_/634716537_2'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	824	'43021163_/7171017'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	825	'2345035_/2345049_1'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	826	'2351156_/2351153'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	827	'2323903_/43127425'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	828	'9712345_/9712342'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	829	'1660064_/1660078'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	830	'360575348_/360575432'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	831	'2327391_/498424183'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	832	'498807053_/2328542_1'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	833	'51953458_/8786444'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	834	'1652341_/1652480'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	835	'2351185_/2351182'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	836	'2339073_/2339083'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	837	'2327378_/498424206'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	838	'498424225_/498424223'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	839	'7206643_/7206640'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	840	'2340623_/2345049_2'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	841	'2350952_/43133351'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	842	'43027449_/43027451'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	843	'2340610_/2340607_2'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	844	'2337811_/2337821'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	845	'43027082_/43027084_1'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	846	'8468788_/8468785_2'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	847	'2364582_/2364580'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	848	'1660063_/1660061'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	849	'1652361_/1652358'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	850	'504236852_/504236849'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	851	'2335119_/498424240'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	852	'2330645_/2335278_2'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	853	'56161228_/2364593_1'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	854	'1627360_/1627357'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	855	'7832886_/7832884_1'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	856	'2324839_/498424257'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	857	'7220153_/7220150'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	858	'1625018_/1625016'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	859	'2337251_/2337248'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	860	'2337112_/2362871'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SCA021	861	'2340596_/2340607_1'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	862	'2350597_/2350594_2'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	863	'483655264_/498424797'	0	0	0	8	0.2	0	0 No	0	Primary Over-Voltage
SCA021	864	'52249547_/52249410_2'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	865	'2364609_/2364606'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	866	'43128362_/2345066'	0	0	0	8	0.2	0	0 No	0	Primary Over-Voltage
SCA021	867	'7525706_/7525703'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	868	'2323916_/2323913'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	869	'43033187_/43033189'	0	0	0	8	0.2	0	0 No	0	Primary Over-Voltage
SCA021	870	'2324826_/498424849'	0	0	0	8	0.2	0	0 No	0	Primary Over-Voltage
SCA021	871	'43027359_/43027040'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	872	'2327310_/2327307'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	873	'66579445_/7832610'	0	0	0	8	0.2	0	0 No	0	Primary Over-Voltage
SCA021	874	'51953449_/51953485'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	875	'2328503_/2328500_2'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	876	'1627057_/1627054_2'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	877	'498424157_/2324836_2'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	878	'8479470_/8479467_2'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	879	'2330629_/2340594'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	880	'1652340_/1652338'	0	0	0	8	0.2	0	0 No	0	Primary Over-Voltage
SCA021	881	'66579481_/66579484'	0	0	0	8	0.2	0	0 No	0	Primary Over-Voltage
SCA021	882	'43128524_/2328542_2'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	883	'43127724_/498424870'	0	0	0	8	0.2	0	0 No	0	Primary Over-Voltage
SCA021	884	'1660131_/1660145'	0	0	0	8	0.2	0	0 No	0	Primary Over-Voltage
SCA021	885	'526614221_/526614219'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	886	'2343266_/2343263'	0	0	0	8	0.2	0	0 No	0	Primary Over-Voltage
SCA021	887	'1534299_/1534296'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	888	'51512127_/360575352'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	889	'43128447_/2327362'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	890	'43027415_/43027271'	0	0	0	5.336	0.13	0	0 No	0	Primary Over-Voltage
SCA021	891	'68403523_/68403425_2'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	892	'2323987_/2323984'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	893	'2337795_/2337808'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	894	'8469353_/8469351_1'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	895	'2330646_/43129251'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	896	'2324800_/498424893'	0	0	0	8	0.2	0	0 No	0	Primary Over-Voltage
SCA021	897	'504236867_/504236864'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	898	'8469076_/51953504'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	899	'2327336_/2327333'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	900	'51761069_/43027417'	0	0	0	5.336	0.13	0	0 No	0	Primary Over-Voltage
SCA021	901	'2351460_/2351471'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	902	'43133273_/2350714'	0	0	0	8	0.2	0	0 No	0	Primary Over-Voltage
SCA021	903	'7846197_/9427154'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	904	'2324787_/498424916'	0	0	0	8	0.2	0	0 No	0	Primary Over-Voltage
SCA021	905	'1626312_/1626355'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	906	'43131669_/2340860'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	907	'2350610_/2350607'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	908	'2346154_/2346151'	0	0	0	8	0.2	0	0 No	0	Primary Over-Voltage
SCA021	909	'1660100_/1660128'	0	0	0	8	0.2	0	0 No	0	Primary Over-Voltage
SCA021	910	'55368258_/55368111_1'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	911	'2323929_/2323926'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	912	'43027427_/1626501'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	913	'2327365_/43128449'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	914	'2363457_/2364619'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	915	'43128579_/2364593_2'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	916	'51369626_/8772352_2'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	917	'1660101_/1660234_1'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	918	'2324774_/498424939'	0	0	0	8	0.2	0	0 No	0	Primary Over-Voltage
SCA021	919	'8156927_/8156925'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	920	'2363482_/2363480_1'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	921	'2337267_/2337264'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	922	'2330630_/2330627'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	923	'2339060_/2339070'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	924	'43027596_/1627436'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	925	'43130506_/43130508'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	926	'2365117_/2365174'	0	0	0	8	0.2	0	0 No	0	Primary Over-Voltage
SCA021	927	'43133249_/2341064'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	928	'43027370_/1625981'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	929	'51512228_/51512232'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	930	'2365118_/2365144_1'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	931	'1625293_/144571933'	0	0	0	5.336	0.13	0	0 No	0	Primary Over-Voltage
SCA021	932	'43132281_/43132283'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	933	'2324761_/498424962'	0	0	0	8	0.2	0	0 No	0	Primary Over-Voltage
SCA021	934	'1660237_/1660234_2'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	935	'1639158_/1660162'	0	0	0	8	0.2	0	0 No	0	Primary Over-Voltage
SCA021	936	'1625437_/43027361'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	937	'2346207_/2346218_2'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	938	'44069989_/43021165'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	939	'54074569_/54074576'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	940	'7832887_/7832884_2'	0	0	0	8	0.2	0	0 No	0	Primary Over-Voltage
SCA021	941	'499135860_/1639172_1'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	942	'65419141_/65419124_1'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	943	'2351435_/2351432'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	944	'55368137_/55368111_2'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	945	'43135712_/2365144_2'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	946	'43021220_/144571951'	0	0	0	5.336	0.13	0	0 No	0	Primary Over-Voltage
SCA021	947	'1639188_/1639202'	0	0	0	8	0.2	0	0 No	0	Primary Over-Voltage
SCA021	948	'1626397_/526614258'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	949	'2346173_/2365157'	0	0	0	8	0.2	0	0 No	0	Primary Over-Voltage
SCA021	950	'2324745_/498424985'	0	0	0	8	0.2	0	0 No	0	Primary Over-Voltage
SCA021	951	'2328545_/43128526'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	952	'2350733_/43133275'	0	0	0	8	0.2	0	0 No	0	Primary Over-Voltage
SCA021	953	'2337782_/2337792'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	954	'53954516_/53954495'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SCA021	955	'2365130_/_43135714'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	956	'43127434_/_2324159'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	957	'1581395_/_144571976'	0	0	0	5.336	0.13	0	0	No	0 Primary Over-Voltage
SCA021	958	'43133286_/_2350731'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	959	'1639091_/_1639185'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	960	'526614319_/_526614316'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	961	'643942673_/_643942624_1'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	962	'1639049_/_43030024_1'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	963	'603041406_/_526614386_1'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	964	'2324732_/_498425002'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	965	'2328516_/_2328513'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	966	'2346140_/_2346171'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	967	'1534315_/_1534312'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	968	'55289938_/_2339057'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	969	'43032510_/_43032512'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	970	'2324000_/_2323997'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	971	'2346124_/_43128920_1'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	972	'43133299_/_43133288'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	973	'1639105_/_1639119'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	974	'2324838_/_2324836_1'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	975	'65626162_/_65626145_1'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	976	'2350862_/_43133301'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	977	'144572281_/_144572254_1'	0	0	0	5.336	0.13	0	0	No	0 Primary Over-Voltage
SCA021	978	'144572257_/_144572254_2'	0	0	0	5.336	0.13	0	0	No	0 Primary Over-Voltage
SCA021	979	'2324719_/_498425019'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	980	'52249403_/_52249410_1'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	981	'43135420_/_2363480_2'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	982	'66579530_/_66579575'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	983	'2350879_/_2350876'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	984	'1627630_/_1627627'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	985	'2337279_/_7148466'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	986	'7220657_/_8170313_1'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	987	'1639104_/_1639102'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	988	'43135442_/_2363548'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	989	'2329124_/_2346188'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	990	'2337096_/_2337109'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	991	'1639050_/_43030024_2'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	992	'2324706_/_498425042'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	993	'2365131_/_2365128'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	994	'2319765_/_43128931_1'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	995	'43027607_/_43027598'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	996	'43027348_/_43027350'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	997	'43128436_/_2327349'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	998	'2328888_/_2363454'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	999	'43128425_/_2327320'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1000	'144572282_/_144572279_2'	0	0	0	5.336	0.13	0	0	No	0 Primary Over-Voltage
SCA021	1001	'2350665_/_43135444'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	1002	'1639222_/_1639232_1'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1003	'1660276_/_1660273'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1004	'2364596_/_43128581'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1005	'43127713_/_498425065'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	1006	'8796217_/_8796214_2'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1007	'2341067_/_43133251'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1008	'2350666_/_2350663'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	1009	'1625002_/_1625000'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1010	'43128634_/_2333541'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	1011	'1625970_/_1625968'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1012	'2324554_/_498425088'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	1013	'144572319_/_144572316'	0	0	0	5.336	0.13	0	0	No	0 Primary Over-Voltage
SCA021	1014	'526614689_/_526614739'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1015	'43029917_/_43029919'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	1016	'8131523_/_8131521'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1017	'2333480_/_55289941'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1018	'43133336_/_2350842'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	1019	'2345771_/_2346218_1'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1020	'477195717_/_477195721'	0	0	0	5.336	0.13	0	0	No	0 Primary Over-Voltage
SCA021	1021	'2324404_/_520411766'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1022	'39652289_/_7846194'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1023	'1639065_/_1639172_2'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1024	'498806873_/_2324551_2'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1025	'7523295_/_8469351_2'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1026	'2340863_/_43131671'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1027	'9099374_/_9099371'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	1028	'9114232_/_9114229'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1029	'1626313_/_1626310'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1030	'43133599_/_43133338'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	1031	'43027315_/_1625447'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1032	'8479293_/_9113793'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1033	'2324667_/_498425103'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	1034	'2324541_/_2324551_1'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1035	'53954522_/_53954519'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1036	'2333561_/_43128636'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	1037	'1638901_/_1638899'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	1038	'2346125_/_43128920_2'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1039	'477195775_/_477195779'	0	0	0	5.336	0.13	0	0	No	0 Primary Over-Voltage
SCA021	1040	'8772355_/_8772352_1'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1041	'69428163_/_43133601'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	1042	'1625997_/_1626007'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1043	'55368165_/_55368139'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1044	'2324528_/_498425126'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	1045	'69429275_/_144572571'	0	0	0	5.336	0.13	0	0	No	0 Primary Over-Voltage
SCA021	1046	'7522833_/_7522831_1'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1047	'498807926_/_498806590_1'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	1048	'2341484_/_43131868'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SCA021	1049	'8796184_/_8796182_1'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1050	'498806691_/_498806590_2'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	1051	'318049395_/_2341624_1'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	1052	'2319766_/_43128931_2'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1053	'498806593_/_498806590_3'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	1054	'498806609_/_498806606_2'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	1055	'498806714_/_498806630_1'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	1056	'498806633_/_498806630_2'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	1057	'502973978_/_502973975'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	1058	'502974033_/_502973999_1'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	1059	'2337280_/_2337277'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1060	'502974002_/_502973999_2'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	1061	'1626023_/_1626020'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1062	'2329150_/_2333575'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	1063	'503543733_/_503543730'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	1064	'498806739_/_498806646_1'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	1065	'502974082_/_502974015_1'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	1066	'1625436_/_1625434'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1067	'43030046_/_43030048'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	1068	'502974110_/_502974015_2'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	1069	'1581674_/_1587128'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1070	'503543839_/_503543754_1'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	1071	'68929052_/_1627640'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1072	'503543757_/_503543754_2'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	1073	'502974018_/_502974015_3'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	1074	'503543874_/_503543770_1'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	1075	'498806760_/_498806646_2'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	1076	'503543895_/_503543770_2'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	1077	'43021185_/_1534325'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1078	'498424704_/_593642257_2'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1079	'2319781_/_43128942_1'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1080	'503543773_/_503543770_3'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	1081	'68929552_/_68929138_1'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1082	'498424687_/_2325183_2'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1083	'2329464_/_43135422'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1084	'51799144_/_2337093'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1085	'2340331_/_2341624_2'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	1086	'7171020_/_44069991'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1087	'1627643_/_68929046'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1088	'498806649_/_498806646_3'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	1089	'43133426_/_2351445'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1090	'1639247_/_1639329'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	1091	'616398994_/_1639245'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1092	'1639248_/_616398998'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1093	'43032497_/_43032499'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	1094	'1626383_/_526614686_2'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1095	'2328875_/_2328885'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1096	'526614688_/_526614644_2'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1097	'9099404_/_9416720_1'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1098	'7522850_/_8786276_1'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1099	'1639078_/_1639232_2'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1100	'1639295_/_1639312_1'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	1101	'2324405_/_2324402'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1102	'1627399_/_43027609'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1103	'43128647_/_2333592'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	1104	'1581661_/_1581671'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1105	'593642253_/_593642257_1'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1106	'43027403_/_43027405'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1107	'43027381_/_1626062'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1108	'7179526_/_7179523'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1109	'2325173_/_2325183_1'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1110	'2330320_/_347072616'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	1111	'554626023_/_554626027'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1112	'2327352_/_43128438'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1113	'2345784_/_43128732'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1114	'146502768_/_146502786'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	1115	'43029998_/_1639258'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	1116	'43131901_/_2341604'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	1117	'2330321_/_2330318'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	1118	'7220620_/_7220618_1'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	1119	'1650524_/_1650521'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1120	'63584243_/_1650534_1'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1121	'7525674_/_526614386_2'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1122	'8796541_/_8796538'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1123	'554626107_/_554626075_1'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1124	'43021255_/_1581658'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1125	'43027392_/_1626033'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1126	'2333612_/_43128649'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	1127	'43033222_/_1660286'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1128	'69428975_/_9416888_1'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1129	'43127746_/_2324849'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1130	'1581437_/_1581434'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1131	'643942608_/_643942624_2'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1132	'1638829_/_1638945'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	1133	'2324540_/_2324538'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1134	'1638672_/_1639063'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1135	'2319782_/_43128942_2'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1136	'8469196_/_8469193'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1137	'2333467_/_2333477'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1138	'2324527_/_2324525'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1139	'1638830_/_1638840_1'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1140	'2341567_/_2341581'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	1141	'7206578_/_8772336_2'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1142	'2341997_/_2345795'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SCA021	1143	'51799136_/2337138'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1144	'1581622_/1581632'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1145	'8795885_/8169893_1'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1146	'1639020_/1639030'	0	0	0	8	0.2	0	0 No	0	Primary Over-Voltage
SCA021	1147	'7522834_/7522831_2'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1148	'43128741_/2329462'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1149	'2329137_/2333626'	0	0	0	8	0.2	0	0 No	0	Primary Over-Voltage
SCA021	1150	'1639315_/1639312_2'	0	0	0	8	0.2	0	0 No	0	Primary Over-Voltage
SCA021	1151	'2337293_/2337290'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1152	'43127601_/2335129'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1153	'2329138_/2335252_1'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1154	'2327323_/43128427'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1155	'2324418_/43127592'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1156	'1625996_/1625994'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1157	'2330338_/2330335'	0	0	0	8	0.2	0	0 No	0	Primary Over-Voltage
SCA021	1158	'43130742_/43130744'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1159	'55368170_/55368167'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1160	'2339837_/9427122_2'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1161	'8115745_/9376146'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1162	'43027618_/1627397'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1163	'580193389_/580193358_1'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1164	'1581609_/1581619'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1165	'2342038_/43131903'	0	0	0	8	0.2	0	0 No	0	Primary Over-Voltage
SCA021	1166	'153599904_/43029989_2'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1167	'34545976_/9380528_1'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1168	'1626326_/43027473'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1169	'53009827_/2337316_2'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1170	'1656818_/1656816'	0	0	0	8	0.2	0	0 No	0	Primary Over-Voltage
SCA021	1171	'1534344_/1534341'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1172	'2329866_/2335252_2'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1173	'2333646_/2333643'	0	0	0	8	0.2	0	0 No	0	Primary Over-Voltage
SCA021	1174	'2328874_/2328872'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1175	'1652301_/1652318'	0	0	0	8	0.2	0	0 No	0	Primary Over-Voltage
SCA021	1176	'7220621_/7220618_2'	0	0	0	8	0.2	0	0 No	0	Primary Over-Voltage
SCA021	1177	'52249462_/52249469'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1178	'8772271_/8772268_2'	0	0	0	8	0.2	0	0 No	0	Primary Over-Voltage
SCA021	1179	'460488369_/460488211_2'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1180	'43129181_/2330409'	0	0	0	8	0.2	0	0 No	0	Primary Over-Voltage
SCA021	1181	'1656763_/1656833'	0	0	0	8	0.2	0	0 No	0	Primary Over-Voltage
SCA021	1182	'1657074_/1657071_1'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1183	'43032068_/1650005'	0	0	0	8	0.2	0	0 No	0	Primary Over-Voltage
SCA021	1184	'1581450_/1581447'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1185	'1625031_/43027394'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1186	'2330412_/9427102_2'	0	0	0	8	0.2	0	0 No	0	Primary Over-Voltage
SCA021	1187	'2323942_/2323939'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1188	'43027326_/1650534_2'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1189	'1626065_/43027383'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1190	'1638964_/1639076'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1191	'2346250_/43133428'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1192	'338304279_/2324013_1'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1193	'1656776_/1656786_1'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1194	'2341468_/2341495'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1195	'43128660_/2333660'	0	0	0	8	0.2	0	0 No	0	Primary Over-Voltage
SCA021	1196	'1581596_/1581606'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1197	'1638885_/1656799'	0	0	0	8	0.2	0	0 No	0	Primary Over-Voltage
SCA021	1198	'2337335_/2337332'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1199	'526614605_/526614644_1'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1200	'1657044_/1657071_2'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1201	'1656750_/1656747_2'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1202	'108964678_/9427102_1'	0	0	0	8	0.2	0	0 No	0	Primary Over-Voltage
SCA021	1203	'43128753_/43128743'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1204	'1638843_/1638840_2'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1205	'2324016_/2324013_2'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1206	'43131914_/2341564'	0	0	0	8	0.2	0	0 No	0	Primary Over-Voltage
SCA021	1207	'7523296_/7523293'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1208	'8468943_/8786276_2'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1209	'51610679_/2365086'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1210	'8786262_/9416720_2'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1211	'398274454_/398274438_1'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1212	'43132752_/2348902'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1213	'43030224_/1638882'	0	0	0	8	0.2	0	0 No	0	Primary Over-Voltage
SCA021	1214	'51799132_/2337154'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1215	'2319539_/7220038_2'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1216	'2337080_/2337122'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1217	'108964717_/108964685'	0	0	0	5.336	0.13	0	0 No	0	Primary Over-Voltage
SCA021	1218	'2333680_/43128662'	0	0	0	8	0.2	0	0 No	0	Primary Over-Voltage
SCA021	1219	'43132039_/2342036'	0	0	0	8	0.2	0	0 No	0	Primary Over-Voltage
SCA021	1220	'398274441_/398274438_2'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1221	'2337306_/2337316_1'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1222	'40364394_/44097822'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1223	'8479325_/8479323_1'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1224	'1581583_/1581593'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1225	'1534357_/1534354'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1226	'1638727_/1650025'	0	0	0	8	0.2	0	0 No	0	Primary Over-Voltage
SCA021	1227	'1660249_/43033226'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1228	'1627373_/1627370'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1229	'1640067_/1640892'	0	0	0	8	0.2	0	0 No	0	Primary Over-Voltage
SCA021	1230	'2364255_/2364278'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1231	'43135567_/2365099'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1232	'8170316_/8170313_2'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1233	'1563069_/1581580_2'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1234	'8131539_/9417076'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1235	'2329867_/2329864'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1236	'43021242_/1581580_1'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SCA021	1237	'2333466_/2333464'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1238	'1625032_/1625029'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1239	'1638714_/1656786_2'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1240	'2333700_/2333697'	0	0	0	8	0.2	0	0 No	0	Primary Over-Voltage
SCA021	1241	'56161238_/2364265_1'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1242	'8468944_/8468941'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1243	'1638673_/1638670'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1244	'1581463_/1581460'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1245	'1638699_/1656747_1'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1246	'1639908_/1640064'	0	0	0	8	0.2	0	0 No	0	Primary Over-Voltage
SCA021	1247	'51867319_/65419124_2'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1248	'43132052_/43132041'	0	0	0	8	0.2	0	0 No	0	Primary Over-Voltage
SCA021	1249	'7174561_/1563066_2'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1250	'1563068_/1563066_1'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1251	'386936290_/385095865_2'	0	0	0	5.336	0.13	0	0 No	0	Primary Over-Voltage
SCA021	1252	'1639843_/1639841_1'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1253	'1638728_/1638725'	0	0	0	8	0.2	0	0 No	0	Primary Over-Voltage
SCA021	1254	'2329370_/2333714'	0	0	0	8	0.2	0	0 No	0	Primary Over-Voltage
SCA021	1255	'43127856_/43127858'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1256	'580193342_/580193358_2'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1257	'2329371_/2335265_1'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1258	'603430602_/603430584'	0	0	0	8	0.2	0	0 No	0	Primary Over-Voltage
SCA021	1259	'7498222_/44080752'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1260	'49445546_/52249526'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1261	'1640049_/1640047'	0	0	0	8	0.2	0	0 No	0	Primary Over-Voltage
SCA021	1262	'2330207_/2341547'	0	0	0	8	0.2	0	0 No	0	Primary Over-Voltage
SCA021	1263	'2324865_/2324862'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1264	'2330358_/2330355'	0	0	0	8	0.2	0	0 No	0	Primary Over-Voltage
SCA021	1265	'1612501_/1612511'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1266	'68929127_/68929138_2'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1267	'89593367_/2337167_1'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1268	'1625346_/1625343'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1269	'1638965_/1638962'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1270	'1652300_/1652298'	0	0	0	8	0.2	0	0 No	0	Primary Over-Voltage
SCA021	1271	'2365102_/43135569'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1272	'43132017_/43132019'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1273	'2333734_/2333731'	0	0	0	8	0.2	0	0 No	0	Primary Over-Voltage
SCA021	1274	'43029952_/1638810'	0	0	0	8	0.2	0	0 No	0	Primary Over-Voltage
SCA021	1275	'1640200_/1640214'	0	0	0	8	0.2	0	0 No	0	Primary Over-Voltage
SCA021	1276	'2335268_/2335265_2'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1277	'9103584_/9103581'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1278	'8115744_/8115742'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1279	'1534370_/43021198'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1280	'51799128_/2337167_2'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1281	'1612488_/1612498'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1282	'2324917_/2348915'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1283	'43030283_/1640197'	0	0	0	8	0.2	0	0 No	0	Primary Over-Voltage
SCA021	1284	'554626059_/554626075_2'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1285	'2325199_/2365073'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1286	'2346837_/2364252'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1287	'9099596_/9099593'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1288	'8786263_/8786260'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1289	'1657058_/43033084'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1290	'2364268_/2364265_2'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1291	'43030213_/385095865_1'	0	0	0	5.336	0.13	0	0 No	0	Primary Over-Voltage
SCA021	1292	'2354980_/2354995'	0	0	0	8	0.2	0	0 No	0	Primary Over-Voltage
SCA021	1293	'43132065_/2342104'	0	0	0	8	0.2	0	0 No	0	Primary Over-Voltage
SCA021	1294	'43029941_/1638856'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1295	'526614558_/526614602'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1296	'1612487_/1612485'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1297	'9060403_/9060401'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1298	'1627493_/1627504'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1299	'9114456_/9427282_1'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1300	'8772270_/8772268_1'	0	0	0	8	0.2	0	0 No	0	Primary Over-Voltage
SCA021	1301	'1640180_/1640231'	0	0	0	8	0.2	0	0 No	0	Primary Over-Voltage
SCA021	1302	'1638715_/1638712'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1303	'8479294_/8479291'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1304	'43029987_/43029989_1'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1305	'486844795_/8131537'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1306	'1638653_/1638650'	0	0	0	8	0.2	0	0 No	0	Primary Over-Voltage
SCA021	1307	'1581476_/1581473'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1308	'43130621_/43130623'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1309	'51799267_/51799241'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1310	'1625045_/1625042'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1311	'7523184_/8772336_1'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1312	'1640404_/1640401_2'	0	0	0	5.336	0.13	0	0 No	0	Primary Over-Voltage
SCA021	1313	'486844869_/486844885'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1314	'2323955_/2323952'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1315	'43129087_/2330204'	0	0	0	8	0.2	0	0 No	0	Primary Over-Voltage
SCA021	1316	'486844826_/486844895'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1317	'2333750_/2354978'	0	0	0	8	0.2	0	0 No	0	Primary Over-Voltage
SCA021	1318	'2342090_/43132067'	0	0	0	8	0.2	0	0 No	0	Primary Over-Voltage
SCA021	1319	'2335132_/43127603'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1320	'43030202_/385095938_2'	0	0	0	5.336	0.13	0	0 No	0	Primary Over-Voltage
SCA021	1321	'385095976_/385095938_1'	0	0	0	5.336	0.13	0	0 No	0	Primary Over-Voltage
SCA021	1322	'1619448_/1619446'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1323	'1640254_/1640251'	0	0	0	8	0.2	0	0 No	0	Primary Over-Voltage
SCA021	1324	'1639857_/1639841_2'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1325	'1660250_/1660247'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1326	'2346251_/2346248'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1327	'43127491_/2324026'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1328	'2325144_/2325154'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1329	'2324916_/2324914'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1330	'9427125_/9427122_1'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SCA021	1331	'7220041_/7220038_1'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1332	'2345675_/2345685'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1333	'1640389_/1640401_1'	0	0	0	5.336	0.13	0	0 No	0	Primary Over-Voltage
SCA021	1334	'9427073_/9427086'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1335	'43030296_/43030300'	0	0	0	8	0.2	0	0 No	0	Primary Over-Voltage
SCA021	1336	'2337067_/2337077'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1337	'65544652_/65544655'	0	0	0	8	0.2	0	0 No	0	Primary Over-Voltage
SCA021	1338	'43030322_/1640268'	0	0	0	8	0.2	0	0 No	0	Primary Over-Voltage
SCA021	1339	'53009594_/2345698_1'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1340	'331839410_/331839286_1'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1341	'1619436_/1621549'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1342	'2333751_/2333748'	0	0	0	8	0.2	0	0 No	0	Primary Over-Voltage
SCA021	1343	'69428643_/7815663'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1344	'52153154_/1638683'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1345	'38014548_/38013215'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1346	'404528385_/38014546'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1347	'404528379_/38014555'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1348	'39466448_/71377761'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1349	'2341971_/2341981'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1350	'475145386_/2333765_1'	0	0	0	8	0.2	0	0 No	0	Primary Over-Voltage
SCA021	1351	'1625359_/1625356'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1352	'1638698_/43029932'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1353	'2330378_/2330375'	0	0	0	8	0.2	0	0 No	0	Primary Over-Voltage
SCA021	1354	'1638919_/1638929'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1355	'7536106_/108964722'	0	0	0	8	0.2	0	0 No	0	Primary Over-Voltage
SCA021	1356	'43135534_/2364155'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1357	'1640288_/43030324'	0	0	0	8	0.2	0	0 No	0	Primary Over-Voltage
SCA021	1358	'1627494_/1627491'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1359	'385096037_/385096001_1'	0	0	0	5.336	0.13	0	0 No	0	Primary Over-Voltage
SCA021	1360	'9416979_/65544684'	0	0	0	8	0.2	0	0 No	0	Primary Over-Voltage
SCA021	1361	'1619423_/1619433'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1362	'7832855_/9416888_2'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1363	'44454024_/7191297'	0	0	0	8	0.2	0	0 No	0	Primary Over-Voltage
SCA021	1364	'7206361_/7832702_1'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1365	'9399644_/9399642_1'	0	0	0	8	0.2	0	0 No	0	Primary Over-Voltage
SCA021	1366	'43132438_/43132440'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1367	'44071687_/7174559'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1368	'1649589_/1652424'	0	0	0	8	0.2	0	0 No	0	Primary Over-Voltage
SCA021	1369	'2333768_/2333765_2'	0	0	0	8	0.2	0	0 No	0	Primary Over-Voltage
SCA021	1370	'2330173_/2330187'	0	0	0	8	0.2	0	0 No	0	Primary Over-Voltage
SCA021	1371	'43132594_/2347752'	0	0	0	8	0.2	0	0 No	0	Primary Over-Voltage
SCA021	1372	'1640374_/1640386'	0	0	0	5.336	0.13	0	0 No	0	Primary Over-Voltage
SCA021	1373	'590435660_/590435698'	0	0	0	8	0.2	0	0 No	0	Primary Over-Voltage
SCA021	1374	'526614481_/526614555'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1375	'1626822_/526614478'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1376	'1638871_/1639366'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1377	'1638783_/1638978'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1378	'1581489_/1581486'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1379	'7498223_/7498220'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1380	'1641935_/1641945_1'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1381	'7206376_/8786292'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1382	'43027060_/1625055'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1383	'43027585_/52153151'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1384	'590435627_/590435676'	0	0	0	8	0.2	0	0 No	0	Primary Over-Voltage
SCA021	1385	'51799129_/2339728'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1386	'7220640_/8796166'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1387	'1640100_/1641971'	0	0	0	8	0.2	0	0 No	0	Primary Over-Voltage
SCA021	1388	'9399645_/9399642_2'	0	0	0	8	0.2	0	0 No	0	Primary Over-Voltage
SCA021	1389	'1638745_/1638742'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1390	'43030237_/1639867'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1391	'7846276_/8479323_2'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1392	'8441071_/8441068'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1393	'1581570_/1619420'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1394	'43030011_/43030013'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1395	'2324654_/2324875'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1396	'8169896_/8169893_2'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1397	'49251241_/1639439_2'	0	0	0	8	0.2	0	0 No	0	Primary Over-Voltage
SCA021	1398	'2329354_/2333782'	0	0	0	8	0.2	0	0 No	0	Primary Over-Voltage
SCA021	1399	'43132028_/43132030'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1400	'2337305_/2337303'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1401	'43032081_/43032083'	0	0	0	8	0.2	0	0 No	0	Primary Over-Voltage
SCA021	1402	'1652447_/1652444'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1403	'1640373_/1640371'	0	0	0	5.336	0.13	0	0 No	0	Primary Over-Voltage
SCA021	1404	'43127702_/43127704'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1405	'2319509_/2319507_1'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1406	'1639815_/385096100'	0	0	0	5.336	0.13	0	0 No	0	Primary Over-Voltage
SCA021	1407	'7220641_/7220638'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1408	'331839289_/331839286_2'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1409	'68929161_/68929172'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1410	'247550470_/247550472'	0	0	0	8	0.2	0	0 No	0	Primary Over-Voltage
SCA021	1411	'253322371_/247528309_2'	0	0	0	8	0.2	0	0 No	0	Primary Over-Voltage
SCA021	1412	'1660207_/1660260'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1413	'2341536_/2341534'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1414	'1640354_/1650045'	0	0	0	8	0.2	0	0 No	0	Primary Over-Voltage
SCA021	1415	'1639785_/1641945_2'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1416	'51799295_/51799269'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1417	'1581557_/1581567'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1418	'2333802_/2333799'	0	0	0	8	0.2	0	0 No	0	Primary Over-Voltage
SCA021	1419	'460488336_/460488211_1'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1420	'43127845_/2325141'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1421	'2345701_/2345698_2'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1422	'211543401_/2333816_1'	0	0	0	8	0.2	0	0 No	0	Primary Over-Voltage
SCA021	1423	'2347772_/43132596'	0	0	0	8	0.2	0	0 No	0	Primary Over-Voltage
SCA021	1424	'1625372_/1625369'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SCA021	1425	'1638770_/_1638869'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1426	'1581556_/_1581554'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1427	'56144539_/_56144546'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1428	'1639401_/_1639439_1'	0	0	0	8	0.2	0	0 No	0	Primary Over-Voltage
SCA021	1429	'43128673_/_2333816_2'	0	0	0	8	0.2	0	0 No	0	Primary Over-Voltage
SCA021	1430	'1640003_/_1642020_2'	0	0	0	8	0.2	0	0 No	0	Primary Over-Voltage
SCA021	1431	'2330153_/_2330170'	0	0	0	8	0.2	0	0 No	0	Primary Over-Voltage
SCA021	1432	'7525658_/_8786128_1'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1433	'44063561_/_7150239'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1434	'2345662_/_2345672'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1435	'7536107_/_590435631'	0	0	0	8	0.2	0	0 No	0	Primary Over-Voltage
SCA021	1436	'385096172_/_385096169'	0	0	0	5.336	0.13	0	0 No	0	Primary Over-Voltage
SCA021	1437	'1581502_/_1581499'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1438	'43128590_/_2346821'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1439	'2324041_/_2324039'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1440	'8772403_/_9417188'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1441	'43021231_/_43021233'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1442	'8169927_/_55545111_1'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1443	'318049390_/_2330237_1'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1444	'2364158_/_43135536'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1445	'1639369_/_43027587'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1446	'1639883_/_1639880'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1447	'2320545_/_2320542'	0	0	0	8	0.2	0	0 No	0	Primary Over-Voltage
SCA021	1448	'1619462_/_43021268'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1449	'1639802_/_1639812'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1450	'43132303_/_2346274'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1451	'1643713_/_1643710'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1452	'1638758_/_1638755'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1453	'1626150_/_1649586'	0	0	0	8	0.2	0	0 No	0	Primary Over-Voltage
SCA021	1454	'2335200_/_2342020'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1455	'1640479_/_1640489'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1456	'1581543_/_1581541'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1457	'1640928_/_1640925'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1458	'1638784_/_1638781'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1459	'2329315_/_2333833'	0	0	0	8	0.2	0	0 No	0	Primary Over-Voltage
SCA021	1460	'1625070_/_43027062'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1461	'2329099_/_2341968'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1462	'7174562_/_44071689'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1463	'7832576_/_7832574_1'	0	0	0	8	0.2	0	0 No	0	Primary Over-Voltage
SCA021	1464	'1617312_/_1617323_1'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1465	'331839303_/_331839300'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1466	'43029976_/_43029978'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1467	'9417095_/_486844830'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1468	'2325212_/_2325222'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1469	'51370630_/_8169957_1'	0	0	0	8	0.2	0	0 No	0	Primary Over-Voltage
SCA021	1470	'2329261_/_2329258_2'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1471	'1641459_/_1642020_1'	0	0	0	8	0.2	0	0 No	0	Primary Over-Voltage
SCA021	1472	'2333869_/_2333884'	0	0	0	8	0.2	0	0 No	0	Primary Over-Voltage
SCA021	1473	'49251355_/_8786328_1'	0	0	0	8	0.2	0	0 No	0	Primary Over-Voltage
SCA021	1474	'7846277_/_7846274'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1475	'43030272_/_385096357'	0	0	0	5.336	0.13	0	0 No	0	Primary Over-Voltage
SCA021	1476	'2334128_/_2330392'	0	0	0	8	0.2	0	0 No	0	Primary Over-Voltage
SCA021	1477	'43132292_/_2346261'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1478	'8772386_/_9417092'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1479	'43132182_/_2345659'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1480	'43128697_/_2319507_2'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1481	'43132193_/_2345711'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1482	'2323971_/_2323968'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1483	'2337054_/_2337064'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1484	'43030180_/_1639783'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1485	'43033211_/_1660205'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1486	'8786331_/_8786328_2'	0	0	0	8	0.2	0	0 No	0	Primary Over-Voltage
SCA021	1487	'2330152_/_2330150'	0	0	0	8	0.2	0	0 No	0	Primary Over-Voltage
SCA021	1488	'43128973_/_2333867'	0	0	0	8	0.2	0	0 No	0	Primary Over-Voltage
SCA021	1489	'321936513_/_2324078_1'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1490	'1639402_/_43030261'	0	0	0	8	0.2	0	0 No	0	Primary Over-Voltage
SCA021	1491	'43131877_/_43131879'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1492	'1581515_/_1581512'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1493	'1625385_/_1625382'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1494	'7832854_/_7832852'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1495	'1639801_/_1639799'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1496	'43030346_/_1640476'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1497	'7808694_/_9427070'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1498	'53730847_/_53730849'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1499	'318049364_/_2330221_1'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1500	'2325118_/_2325128'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1501	'43030010_/_1638991'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1502	'43128719_/_43128721'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1503	'2347698_/_2347786'	0	0	0	8	0.2	0	0 No	0	Primary Over-Voltage
SCA021	1504	'8469257_/_8772384'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1505	'51799323_/_51799297'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1506	'53730947_/_53730920_1'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1507	'2324641_/_2324651'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1508	'8451278_/_9392800'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1509	'7150242_/_44063563'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1510	'2330240_/_2330237_2'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1511	'1640151_/_385096411'	0	0	0	5.336	0.13	0	0 No	0	Primary Over-Voltage
SCA021	1512	'2333853_/_43128975'	0	0	0	8	0.2	0	0 No	0	Primary Over-Voltage
SCA021	1513	'43129168_/_2334145'	0	0	0	8	0.2	0	0 No	0	Primary Over-Voltage
SCA021	1514	'2328862_/_2329436'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1515	'2325211_/_2325209'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1516	'7535702_/_7535700_1'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1517	'51867363_/_51867370'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1518	'1639896_/_1639893'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SCA021	1519	'7206344_/_7832702_2'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1520	'43029965_/_1638768'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1521	'1640002_/_43030250'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1522	'2334165_/_2334162'	0	0	0	8	0.2	0	0 No	0	Primary Over-Voltage
SCA021	1523	'1643700_/_43032107'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1524	'68929192_/_68929203'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1525	'43026229_/_43026231'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1526	'356450194_/_356450213'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1527	'7846616_/_7846614_1'	0	0	0	8	0.2	0	0 No	0	Primary Over-Voltage
SCA021	1528	'1640465_/_1640463'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1529	'9427285_/_9427282_2'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1530	'1626821_/_1626819'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1531	'2345636_/_2345646'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1532	'8786131_/_8786128_2'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1533	'1640164_/_1640161'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1534	'1625071_/_1625068'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1535	'1638797_/_1638794'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1536	'43128686_/_2329326'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1537	'2329248_/_2329258_1'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1538	'44062966_/_7148732'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1539	'2345714_/_43132195'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1540	'7846388_/_7846386_1'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1541	'2324055_/_2324052'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1542	'2333907_/_2333904'	0	0	0	8	0.2	0	0 No	0	Primary Over-Voltage
SCA021	1543	'2335199_/_2335197'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1544	'1640150_/_385096483'	0	0	0	5.336	0.13	0	0 No	0	Primary Over-Voltage
SCA021	1545	'2329329_/_2335236_2'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1546	'1626149_/_1626147'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1547	'2334148_/_43129170'	0	0	0	8	0.2	0	0 No	0	Primary Over-Voltage
SCA021	1548	'1641440_/_1641437'	0	0	0	8	0.2	0	0 No	0	Primary Over-Voltage
SCA021	1549	'1642872_/_1643723'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1550	'2329086_/_2329096'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1551	'2340996_/_2340993'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1552	'1639786_/_43030182'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1553	'1581528_/_1581525'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1554	'2347555_/_2347569'	0	0	0	8	0.2	0	0 No	0	Primary Over-Voltage
SCA021	1555	'2319510_/_43128699'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1556	'8795853_/_8795850'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1557	'7148735_/_44062968'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1558	'7206377_/_7206374'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1559	'49251385_/_1625395'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1560	'385096593_/_385096546'	0	0	0	5.336	0.13	0	0 No	0	Primary Over-Voltage
SCA021	1561	'347072544_/_43132530_2'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1562	'622886180_/_7846386_2'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1563	'1660220_/_43033213'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1564	'49251396_/_8156877_2'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1565	'2342477_/_2342474'	0	0	0	8	0.2	0	0 No	0	Primary Over-Voltage
SCA021	1566	'43132248_/_43132250'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1567	'1638918_/_1638916'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1568	'43132315_/_43132305'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1569	'112627614_/_43033178_1'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1570	'43132259_/_2346067'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1571	'1564130_/_1564128'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1572	'2330253_/_2330250'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1573	'43127445_/_2324078_2'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1574	'43127834_/_43127836'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1575	'1638213_/_1640714'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1576	'385096592_/_385096590'	0	0	0	5.336	0.13	0	0 No	0	Primary Over-Voltage
SCA021	1577	'2355086_/_2355067'	0	0	0	8	0.2	0	0 No	0	Primary Over-Voltage
SCA021	1578	'7220492_/_8796022'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1579	'7846617_/_7846614_2'	0	0	0	8	0.2	0	0 No	0	Primary Over-Voltage
SCA021	1580	'1616562_/_1617323_1'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1581	'51799351_/_51799325'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1582	'2345623_/_2345633'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1583	'2329073_/_2329083'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1584	'2328861_/_2328859'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1585	'2342494_/_2342491'	0	0	0	8	0.2	0	0 No	0	Primary Over-Voltage
SCA021	1586	'43129133_/_2330302'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1587	'43132528_/_43132530_1'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1588	'2320278_/_2341009'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1589	'7220493_/_7220490'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1590	'7206345_/_7206342'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1591	'43132515_/_43132517'	0	0	0	8	0.2	0	0 No	0	Primary Over-Voltage
SCA021	1592	'43030405_/_1640938'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1593	'1641528_/_1641958'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1594	'568634214_/_2337051'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1595	'2320354_/_2345960'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1596	'43133722_/_2355117'	0	0	0	8	0.2	0	0 No	0	Primary Over-Voltage
SCA021	1597	'43128708_/_2329339'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1598	'7536007_/_7846226_2'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1599	'2324625_/_2324638'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1600	'1640563_/_1640561'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1601	'1638771_/_43029967'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1602	'433540457_/_433540459'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1603	'1625084_/_1625081'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1604	'2347848_/_2347861'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1605	'53730913_/_53730920_2'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1606	'2329112_/_2329109'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1607	'2346264_/_43132294'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1608	'65626138_/_65626145_2'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1609	'8169995_/_9114133'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1610	'68929223_/_68929234'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1611	'2340980_/_2340977'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1612	'385096684_/_385096682'	0	0	0	5.336	0.13	0	0 No	0	Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SCA021	1613	'2330266_/_2330263'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1614	'1638212_/_1638210'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1615	'2346277_/_43132317'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1616	'2342511_/_2342508'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	1617	'435843608_/_435843558'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1618	'2340007_/_7069871'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1619	'1640134_/_1640701'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1620	'2346044_/_2346054'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1621	'7536174_/_8169993'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1622	'2321387_/_235236_1'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1623	'8156880_/_8156877_1'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1624	'43131691_/_43131693'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1625	'2329060_/_2329070'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1626	'7536022_/_8795782'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	1627	'2329235_/_2329245'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1628	'43127513_/_43127515'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1629	'1617511_/_1626790'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1630	'7536159_/_8796038'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1631	'43129111_/_2330289'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1632	'43129074_/_2347505'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	1633	'2335658_/_7069630'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1634	'43127502_/_2324065'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1635	'108964762_/_108964773'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1636	'43129144_/_2319575'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1637	'1660221_/_43033178_2'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1638	'2342528_/_2342525'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	1639	'1653036_/_1653046'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1640	'2345610_/_2345620'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1641	'1640135_/_1640132'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1642	'1641557_/_1641554'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1643	'2325092_/_2325102'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1644	'43129122_/_2330276'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1645	'386936302_/_385096716_2'	0	0	0	5.336	0.13	0	0	No	0 Primary Over-Voltage
SCA021	1646	'36337656_/_7490504'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1647	'9709371_/_9709368'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1648	'454231426_/_454231374_1'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1649	'8451279_/_8451276'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1650	'2355087_/_2355084'	0	0	0	5.336	0.13	0	0	No	0 Primary Over-Voltage
SCA021	1651	'321936473_/_9113617_2'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1652	'2341702_/_7069614_2'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1653	'1640957_/_43030407'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1654	'68929257_/_68929254'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1655	'43129100_/_2330221_2'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1656	'2320279_/_2320276'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1657	'2342357_/_2342542'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	1658	'2355057_/_43133724'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1659	'2347821_/_2347845'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1660	'1641527_/_1641525'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1661	'43030908_/_1642870'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1662	'51867394_/_51867401'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1663	'43128601_/_43128603'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1664	'7832688_/_7832686'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1665	'2329342_/_43128710'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1666	'1641544_/_43030534'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1667	'51799374_/_51799353'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1668	'43131413_/_2340005'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1669	'2342358_/_2342355'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	1670	'2329059_/_2329057'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1671	'43027071_/_1625094'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1672	'7220024_/_7220022_1'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1673	'7535927_/_9113873_2'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1674	'43130472_/_2320364'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1675	'2330279_/_43129124'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1676	'43127867_/_43127869'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1677	'2347741_/_2347819'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1678	'8131375_/_8131373'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1679	'8748978_/_43127447'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1680	'2330094_/_2347522'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1681	'2342375_/_2342372'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	1682	'2330133_/_2347535'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	1683	'2319578_/_43129146'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1684	'8748979_/_9696450_1'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1685	'8157288_/_8772400'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1686	'394790694_/_7139561'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1687	'402638178_/_402638180'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1688	'2324891_/_2340886'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1689	'2325079_/_2325089'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1690	'43126855_/_2342562'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	1691	'1640970_/_1640967'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1692	'70752238_/_2364889'	0	0	0	5.336	0.13	0	0	No	0 Primary Over-Voltage
SCA021	1693	'2345597_/_2345607'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1694	'1641921_/_43030523'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1695	'394790886_/_394790840_2'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1696	'402638172_/_9069873_2'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1697	'2330292_/_43129113'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1698	'558208640_/_7846370_2'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1699	'7847020_/_7847018_2'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1700	'7139580_/_7139577'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1701	'1616533_/_1616559'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1702	'53009576_/_2345594_2'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1703	'1642847_/_1653033'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1704	'43132550_/_43132552'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1705	'2342391_/_43126857'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	1706	'7846389_/_622886186'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SCA021	1707	'470585278_/_51867594'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1708	'7535703_/_7535700_2'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1709	'9114020_/_454231374_2'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1710	'7536023_/_7536020'	0	0	0	8	0.2	0	0 No	0	Primary Over-Voltage
SCA021	1711	'43127524_/_43127526'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1712	'2330120_/_2330130'	0	0	0	8	0.2	0	0 No	0	Primary Over-Voltage
SCA021	1713	'2320292_/_2320289'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1714	'2340008_/_43131415'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1715	'396167429_/_396167396_1'	0	0	0	8	0.2	0	0 No	0	Primary Over-Voltage
SCA021	1716	'2324612_/_2324622'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1717	'2329222_/_2329232'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1718	'8469211_/_8469209'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1719	'2345813_/_422281712_1'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1720	'7510600_/_9083785'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1721	'2342392_/_2342389'	0	0	0	8	0.2	0	0 No	0	Primary Over-Voltage
SCA021	1722	'43030383_/_1640983'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1723	'2335659_/_2335656'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1724	'470585342_/_470585358'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1725	'2346043_/_2346041'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1726	'1625306_/_43027073'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1727	'348380246_/_2341674_1'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1728	'2330081_/_2330091'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1729	'2321374_/_2321384'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1730	'7510601_/_7510598'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1731	'43026851_/_43026853'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1732	'43030919_/_1642745'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1733	'2324583_/_2324888'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1734	'2342409_/_2342406'	0	0	0	8	0.2	0	0 No	0	Primary Over-Voltage
SCA021	1735	'9715256_/_9087949'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1736	'51799398_/_51799377'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1737	'1642846_/_1642844'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1738	'2348842_/_43127460_2'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1739	'43027574_/_1653062'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1740	'8169928_/_555545111_2'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1741	'470585310_/_470585372'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1742	'2345581_/_2345594_1'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1743	'2364879_/_43135703'	0	0	0	5.336	0.13	0	0 No	0	Primary Over-Voltage
SCA021	1744	'2325078_/_2325076'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1745	'43132561_/_2347739'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1746	'7846228_/_7846226_1'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1747	'43021001_/_43021003'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1748	'2324109_/_43127460_1'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1749	'43030394_/_1640912'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1750	'7219992_/_7219990_1'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1751	'2342426_/_2342423'	0	0	0	8	0.2	0	0 No	0	Primary Over-Voltage
SCA021	1752	'1640915_/_7522883_2'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1753	'63771860_/_7846434'	0	0	0	8	0.2	0	0 No	0	Primary Over-Voltage
SCA021	1754	'63771820_/_63771865'	0	0	0	5.336	0.13	0	0 No	0	Primary Over-Voltage
SCA021	1755	'43131402_/_2340018'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1756	'1564468_/_7069614_1'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1757	'1641001_/_43020948'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1758	'9113620_/_9113617_1'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1759	'43129063_/_2330117'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1760	'9069876_/_9069873_1'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1761	'69429564_/_2364927'	0	0	0	5.336	0.13	0	0 No	0	Primary Over-Voltage
SCA021	1762	'1564439_/_1616530'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1763	'2342443_/_2342440'	0	0	0	8	0.2	0	0 No	0	Primary Over-Voltage
SCA021	1764	'40670644_/_64019998'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1765	'2336607_/_2336604'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1766	'43135387_/_43135389'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1767	'2330068_/_2330078'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1768	'485731115_/_396167396_2'	0	0	0	8	0.2	0	0 No	0	Primary Over-Voltage
SCA021	1769	'43127669_/_2324580'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1770	'7847021_/_7847018_1'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1771	'44916088_/_1642857'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1772	'2350524_/_2350548'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1773	'485731149_/_485731165'	0	0	0	8	0.2	0	0 No	0	Primary Over-Voltage
SCA021	1774	'7832577_/_7832574_2'	0	0	0	8	0.2	0	0 No	0	Primary Over-Voltage
SCA021	1775	'1625307_/_1625304'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1776	'7833007_/_8469255'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1777	'2341677_/_2341674_2'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1778	'2340361_/_2342457'	0	0	0	8	0.2	0	0 No	0	Primary Over-Voltage
SCA021	1779	'8451242_/_9402760'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1780	'43032981_/_43032983'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1781	'2330055_/_2330065'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1782	'2350538_/_2350535'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1783	'2345568_/_2345578'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1784	'7522885_/_7522883_1'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1785	'9696453_/_9696450_2'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1786	'43131391_/_2340031'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1787	'49199465_/_9114213_2'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1788	'40349749_/_8451240_1'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1789	'43131680_/_43131682'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1790	'2364749_/_2364863'	0	0	0	5.336	0.13	0	0 No	0	Primary Over-Voltage
SCA021	1791	'7846436_/_63771825'	0	0	0	8	0.2	0	0 No	0	Primary Over-Voltage
SCA021	1792	'2342201_/_2342335'	0	0	0	8	0.2	0	0 No	0	Primary Over-Voltage
SCA021	1793	'2346957_/_2346967'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1794	'1627258_/_1627255'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1795	'2330106_/_2330104'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1796	'2329221_/_2329219'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1797	'2330224_/_43129102'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1798	'2324596_/_2324609'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1799	'66931816_/_51799401'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	1800	'2342202_/_2342199'	0	0	0	8	0.2	0	0 No	0	Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SCA021	1801	'7846373_/_7846370_1'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1802	'2347729_/_2363370'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1803	'43127680_/_2319426'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1804	'2347742_/_43132563'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1805	'2330042_/_2330052'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1806	'7219993_/_7219990_2'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1807	'2321361_/_2321371'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1808	'8795921_/_9427702_1'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1809	'157794948_/_2330614_2'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1810	'1586314_/_1586327'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1811	'1564452_/_1564465'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1812	'43135679_/_2364747'	0	0	0	5.336	0.13	0	0	No	0 Primary Over-Voltage
SCA021	1813	'7220025_/_7220022_2'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1814	'2364795_/_2364902'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1815	'2342219_/_2342216'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	1816	'1656431_/_1656429'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1817	'1625320_/_1625317'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1818	'7206691_/_9417124'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1819	'43133170_/_2350522'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1820	'2321441_/_2342233'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	1821	'7825715_/_7825712'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	1822	'2324110_/_2324107'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1823	'43131380_/_2340044'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1824	'1564438_/_1564436'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1825	'601320419_/_467241838'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	1826	'9113875_/_9113873_1'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1827	'53627823_/_53627802_1'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1828	'2345567_/_2345565'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1829	'467241841_/_601320423'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	1830	'2342253_/_2342250'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	1831	'8146100_/_8146097'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	1832	'483948452_/_467241856'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	1833	'2340875_/_2340873'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1834	'483948540_/_483948456_1'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	1835	'2347716_/_2347726'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1836	'483949263_/_483948925_2'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1837	'2364766_/_43135681'	0	0	0	5.336	0.13	0	0	No	0 Primary Over-Voltage
SCA021	1838	'467241859_/_483948456_2'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	1839	'2330616_/_2330614_1'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1840	'43131468_/_2340359'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1841	'503556763_/_467241872_2'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	1842	'470734323_/_470734320'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	1843	'2324566_/_2324901'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1844	'467241875_/_467241872_1'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	1845	'467241966_/_467241888_1'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	1846	'2336620_/_2336617'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1847	'7220508_/_7220506_1'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1848	'503556773_/_470734344_1'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	1849	'7490507_/_64020801'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1850	'470734347_/_470734344_2'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	1851	'470734429_/_470734360_1'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	1852	'467241891_/_467241888_2'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	1853	'8455886_/_8455884'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	1854	'2321458_/_2321455'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1855	'470734363_/_470734360_2'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	1856	'2342270_/_2342267'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	1857	'470848186_/_470848183'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	1858	'8169944_/_422281712_2'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1859	'54047310_/_1624779_2'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1860	'1624710_/_1624779_1'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1861	'51722372_/_51722346'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1862	'53730960_/_53730967'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1863	'43129052_/_43129054'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1864	'503556783_/_470848207_2'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	1865	'7148219_/_7148229_1'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1866	'470848210_/_470848207_1'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	1867	'470848282_/_470848223_1'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	1868	'2364779_/_2364792'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1869	'1627271_/_1627268'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1870	'503556843_/_470848223_2'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	1871	'394790821_/_394790840_1'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1872	'1642886_/_1656455'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1873	'8169960_/_9406966'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	1874	'43027304_/_1625330'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1875	'470848226_/_470848223_3'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	1876	'2347715_/_2347713'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1877	'2351973_/_2351983'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1878	'1564451_/_1564449'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1879	'51799451_/_51799425'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1880	'2346944_/_2346954'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1881	'2342287_/_2342284'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	1882	'2324595_/_2324593'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1883	'43131369_/_2340057'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1884	'9114216_/_9114213_1'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1885	'7206690_/_7206688'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1886	'1624697_/_1624708'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1887	'1619921_/_1619931'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1888	'51722396_/_51722374'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1889	'2347685_/_2364805_1'	0	0	0	0.104	0.13	0	0	No	0 Primary Over-Voltage
SCA021	1890	'2321425_/_2342301'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	1891	'50286774_/_9114117_2'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1892	'7220864_/_9427702_2'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1893	'8444710_/_8444707'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1894	'53627795_/_53627802_2'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SCA021	1895	'2340412_/2346607'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1896	'2364778_/2364776'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1897	'43127691_/2324564'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1898	'2319279_/2319277_1'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1899	'8469242_/9417140'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1900	'2324136_/2324133'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1901	'2351688_/2351686'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1902	'483948814_/483948925_1'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1903	'1642761_/1642883'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1904	'2321348_/2321358'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1905	'2330029_/2351673'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1906	'36454237_/9715254'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1907	'43026218_/1617284'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1908	'2335377_/7148229_2'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1909	'8157287_/8157285'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1910	'2321473_/2342596'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	1911	'1657481_/43027306'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1912	'7846212_/7846210_1'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1913	'43133612_/43133614'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1914	'43135690_/2364818'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1915	'2333926_/2342318'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	1916	'2340362_/43131470'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1917	'2346943_/2346941'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1918	'1624846_/1624857_1'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1919	'40978481_/8762626'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1920	'43131358_/2340070'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1921	'1624847_/1624857_2'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1922	'43127469_/2324120'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1923	'43027563_/1627410'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1924	'2333927_/2333924'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	1925	'69429075_/2340409'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1926	'43133492_/2319277_2'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1927	'1586301_/1586311'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1928	'1657031_/1657491'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1929	'1642760_/1642758'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1930	'51799474_/51799453'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1931	'43130461_/2336630'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1932	'8762629_/44105389'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1933	'7846213_/7846210_2'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1934	'2351960_/2351970'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1935	'43126868_/2343121'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	1936	'2330016_/2330026'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1937	'43026217_/1617297'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1938	'43132393_/43133172'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1939	'1586288_/1586298'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1940	'483948815_/483948812'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1941	'43128896_/2335375'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1942	'43132482_/43132484'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1943	'2342616_/2342613'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	1944	'8157144_/8157141'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1945	'1619920_/1619918'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1946	'2364836_/2364834'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1947	'321936630_/43127471_1'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1948	'44063759_/43127693'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1949	'1624324_/1624695'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1950	'1653891_/1657507'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1951	'2330940_/2346620'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1952	'53730991_/53730998'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1953	'43131347_/2340083'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1954	'2319280_/43133494'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1955	'2326870_/2335142'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1956	'2346983_/2346980'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1957	'157794910_/2330950_1'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1958	'43127480_/43127471_2'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1959	'2321609_/2342630'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	1960	'43030897_/43030899'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1961	'51867575_/470585314'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1962	'1653875_/1653889'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1963	'49478807_/2364847'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1964	'499136004_/2321607_1'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1965	'2330003_/2330013'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1966	'1657032_/1657029'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1967	'9715257_/44086379'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1968	'586391705_/2321649_1'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1969	'2321347_/2321345'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1970	'2346931_/2347100'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1971	'634268232_/43127482'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1972	'2330953_/2330950_2'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1973	'2329760_/2329770'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1974	'50570849_/50570884'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1975	'43132572_/2364805_2'	0	0	0	0.104	0.13	0	0	No	0 Primary Over-Voltage
SCA021	1976	'43032633_/1653873'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1977	'1627085_/43027565'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1978	'51799498_/51799477'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1979	'43132405_/43132395'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1980	'50570870_/7818089'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1981	'50570821_/38014005'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1982	'2342650_/2342647'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	1983	'404526640_/404526637'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1984	'50570879_/38014026'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1985	'50570822_/38014012'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1986	'2326857_/2326867'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1987	'91685856_/91685836_1'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1988	'51799623_/51799592_1'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SCA021	1989	'69428875_/51163546_2'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1990	'2321638_/2321649_2'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1991	'2332479_/2335401'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1992	'43131336_/2340096'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1993	'7818055_/8765652'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1994	'2321610_/2321607_2'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1995	'7535959_/8479195_1'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1996	'69428889_/8479451_1'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1997	'7220509_/7220506_2'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1998	'483948834_/483948831'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	1999	'7833006_/8469229_1'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2000	'1653876_/43032635'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2001	'1642817_/1642980'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2002	'2320455_/634268236'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2003	'43026796_/1619944'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2004	'2342670_/2342667'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	2005	'2336568_/43130463'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2006	'2351931_/2351957'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2007	'43132504_/2347126'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2008	'2346918_/2346928'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2009	'39681484_/9708658'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2010	'89057686_/2329906_1'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2011	'2329990_/2330000'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2012	'2342687_/2342684'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	2013	'7525625_/7832542'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2014	'89960177_/89057628_1'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2015	'43132583_/43132574'	0	0	0	0.104	0.13	0	0	No	0 Primary Over-Voltage
SCA021	2016	'7150636_/44063761'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2017	'9067136_/9695054_1'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2018	'89057564_/2329906_2'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2019	'2320456_/2320453'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2020	'2342704_/2342701'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	2021	'2365210_/2365233'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2022	'157795902_/2365207_2'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2023	'2330927_/2330937'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2024	'8479454_/8479451_2'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2025	'43131325_/2340109'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2026	'43126905_/2342718'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	2027	'7220865_/7220862'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2028	'43133623_/2351941'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2029	'37613137_/489326549'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2030	'37613151_/37613155'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2031	'37613123_/37613127'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2032	'483948849_/483948846'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2033	'2365197_/2365207_1'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2034	'1586272_/1586285'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2035	'7536059_/7536056'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2036	'2342738_/43126907'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	2037	'66931799_/51799501'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2038	'2321681_/2321678'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2039	'1624325_/1624322'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2040	'2346917_/2346915'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2041	'37613130_/37613169'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2042	'53073845_/53073894'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2043	'7818056_/7818053'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2044	'2329977_/2329987'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2045	'1627086_/1627083'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2046	'53009632_/1587099_1'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2047	'43132509_/43132506'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2048	'1619947_/43026798'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2049	'37613165_/7536040'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2050	'89057687_/89057628_2'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2051	'2336581_/2336578'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2052	'2342755_/2342752'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	2053	'483948864_/483948861'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2054	'8469044_/8786380'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2055	'2326844_/2326854'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2056	'2336555_/2336565'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2057	'43030886_/43030888'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2058	'43132608_/43132585'	0	0	0	0.104	0.13	0	0	No	0 Primary Over-Voltage
SCA021	2059	'51163566_/51163546_1'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2060	'2342772_/2342769'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	2061	'2329669_/2329919'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2062	'53731022_/53731029'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2063	'2332466_/2332476'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2064	'2330966_/2330963'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2065	'52142154_/7846922'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2066	'2351944_/43133625'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2067	'51163628_/51163607_1'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2068	'43131288_/2340125'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2069	'2355015_/2355025'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2070	'43126892_/2342786'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	2071	'386251019_/2355012_2'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2072	'7807567_/8137931'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2073	'2321623_/2321620'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2074	'2329747_/2329757'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2075	'483948879_/483948876'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2076	'52142194_/52142220'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2077	'9064130_/64020433'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2078	'7536191_/7536188'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2079	'2342806_/43126894'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	2080	'388852256_/8479679_1'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2081	'2322304_/2342962'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	2082	'43129041_/2329974'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SCA021	2083	'51163600_/_51163607_2'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2084	'51799585_/_51799592_2'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2085	'43132493_/_43132495'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2086	'9695057_/_9695054_2'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2087	'1642791_/_1642801'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2088	'52142121_/_52142201'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2089	'2319292_/_2319290_1'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2090	'7206594_/_9417268'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2091	'63771968_/_63771993'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2092	'2342826_/_2342823'	0	0	0	8	0.2	0	0 No	0	Primary Over-Voltage
SCA021	2093	'470241224_/_7525623'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2094	'2355041_/_43133713'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2095	'43027508_/_1627096'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2096	'2329209_/_2351928'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2097	'90249857_/_51799525'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2098	'2330914_/_624670671'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2099	'65419095_/_65419102'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2100	'470241286_/_470241302'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2101	'43132619_/_2347874'	0	0	0	0.104	0.13	0	0 No	0	Primary Over-Voltage
SCA021	2102	'49199501_/_7793977_2'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2103	'2351286_/_2351283'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2104	'43021152_/_1587099_2'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2105	'2342843_/_2342840'	0	0	0	8	0.2	0	0 No	0	Primary Over-Voltage
SCA021	2106	'89960118_/_89057812'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2107	'470241255_/_470241316'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2108	'2319293_/_2319290_2'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2109	'2336593_/_2351296'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2110	'343278641_/_16243335'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2111	'2322317_/_2343138'	0	0	0	8	0.2	0	0 No	0	Primary Over-Voltage
SCA021	2112	'8479198_/_8479195_2'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2113	'7793980_/_7793977_1'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2114	'2350470_/_2350467'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2115	'9114120_/_9114117_1'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2116	'89057944_/_43128832'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2117	'38882477_/_7793993'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2118	'2350495_/_2350506_1'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2119	'2342860_/_2342857'	0	0	0	8	0.2	0	0 No	0	Primary Over-Voltage
SCA021	2120	'2332453_/_2332463'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2121	'483948894_/_483948891'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2122	'2346905_/_2347074'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2123	'2329303_/_2365194'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2124	'7489611_/_7489608'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2125	'51163572_/_51163569'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2126	'7486486_/_44093019'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2127	'91685825_/_91685836_2'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2128	'2336542_/_2336552'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2129	'2330994_/_2335336'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2130	'43133227_/_2350506_2'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2131	'156587109_/_2332489_1'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2132	'1624338_/_343278643'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2133	'2326831_/_2326841'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2134	'36339891_/_8121936'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2135	'2362714_/_2362712'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2136	'43030875_/_43030877'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2137	'7206595_/_7206592'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2138	'499135936_/_2320040_2'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2139	'2342877_/_2342874'	0	0	0	8	0.2	0	0 No	0	Primary Over-Voltage
SCA021	2140	'7807568_/_7807565'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2141	'7846473_/_8796070'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2142	'452598358_/_483948906'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2143	'8121939_/_44085214'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2144	'7523183_/_7523181_1'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2145	'43126918_/_2322315'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2146	'7836465_/_7836462'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2147	'483949008_/_9113953_2'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2148	'7846925_/_52142123'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2149	'43129381_/_2330979'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2150	'2329734_/_2329744'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2151	'2342894_/_2342891'	0	0	0	8	0.2	0	0 No	0	Primary Over-Voltage
SCA021	2152	'7825699_/_9406950'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2153	'1586271_/_1586269'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2154	'1627111_/_43027510'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2155	'2319321_/_43126920_1'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2156	'7846472_/_7846470'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2157	'53731053_/_53731060'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2158	'2321335_/_2355012_1'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2159	'89960139_/_89057839'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2160	'43126929_/_43126920_2'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2161	'2321664_/_2350480'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2162	'43129392_/_2320040_1'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2163	'2329193_/_2329206'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2164	'54883314_/_2342908'	0	0	0	8	0.2	0	0 No	0	Primary Over-Voltage
SCA021	2165	'2347890_/_43132621'	0	0	0	0.104	0.13	0	0 No	0	Primary Over-Voltage
SCA021	2166	'54883383_/_54883293_1'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2167	'2330901_/_2330924'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2168	'7525626_/_470241259'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2169	'43132471_/_43132473'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2170	'43133216_/_43133229'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2171	'43129689_/_2332489_2'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2172	'43130517_/_2336656'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2173	'1587102_/_43021154'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2174	'2321764_/_2342925'	0	0	0	8	0.2	0	0 No	0	Primary Over-Voltage
SCA021	2175	'9427365_/_9427362'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2176	'8451243_/_9704558'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SCA021	2177	'2321765_/_2321775_1'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2178	'2336594_/_2336591'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2179	'68875815_/_54883293_2'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2180	'2342945_/_2342942'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	2181	'2342982_/_2342979'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	2182	'2329721_/_2329731'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2183	'1643008_/_43033058_2'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2184	'8796233_/_8796230'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2185	'2362728_/_2362725'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2186	'1627112_/_1627109'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2187	'7825698_/_7825696'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2188	'2330995_/_2330992'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2189	'2321778_/_2321775_2'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2190	'8772419_/_9103437_1'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2191	'43033056_/_43033058_1'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2192	'2332440_/_2332450'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2193	'72981386_/_72981389'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2194	'2336529_/_2336539'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2195	'2329935_/_2364171_1'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2196	'2342999_/_2342996'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	2197	'43132460_/_43132462'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2198	'43126881_/_2321662'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2199	'125153124_/_125153108_1'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2200	'8469028_/_8469041'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2201	'1586355_/_1586353'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2202	'9114248_/_9114245'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2203	'7525309_/_8468473'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2204	'2326818_/_2326828'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2205	'2321819_/_2343016'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	2206	'2321697_/_2321694'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2207	'2350496_/_43133218'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2208	'1562297_/_1562295_1'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2209	'69428749_/_7522987_2'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2210	'53009648_/_1587086_2'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2211	'43132664_/_2348350'	0	0	0	0.104	0.13	0	0	No	0 Primary Over-Voltage
SCA021	2212	'2329854_/_2329851_1'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2213	'2320133_/_43129691'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2214	'2345174_/_43129394'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2215	'1624351_/_1624348'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2216	'43033042_/_43033044'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2217	'2343036_/_2343033'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	2218	'2329814_/_2329851_2'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2219	'156587208_/_2340646_1'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2220	'8479682_/_8479679_2'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2221	'2321820_/_2321833_1'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2222	'2329290_/_2329300'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2223	'2329180_/_2329190'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2224	'2321794_/_259911720'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2225	'1534120_/_1587086_1'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2226	'43135545_/_2364171_2'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2227	'657560286_/_657560290'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2228	'2320510_/_2343053'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	2229	'2336516_/_2336526'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2230	'2336659_/_43130519'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2231	'657560379_/_657560345_1'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2232	'2330982_/_43129383'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2233	'2347009_/_2347019'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2234	'2321322_/_2321332'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2235	'43129667_/_43129669'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2236	'2321665_/_43126883'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2237	'125153097_/_125153108_2'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2238	'43027519_/_1627465'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2239	'2321836_/_2321833_2'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2240	'389261885_/_2321397_1'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2241	'43128907_/_2329893'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2242	'2331007_/_2331018'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2243	'43127061_/_2320508'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	2244	'44187158_/_9103437_2'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2245	'2363399_/_2363396'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2246	'2329896_/_7220054_2'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2247	'2340635_/_2340646_2'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2248	'2341041_/_2341038'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2249	'53731084_/_53731091'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2250	'2331033_/_2331044_2'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2251	'2348062_/_2348059'	0	0	0	0.104	0.13	0	0	No	0 Primary Over-Voltage
SCA021	2252	'2332504_/_2340659'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2253	'2329720_/_2329718'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2254	'2321710_/_2321707'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2255	'2343073_/_43127063'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	2256	'43128874_/_2329812'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2257	'2326805_/_2326815'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2258	'2329828_/_2329825'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2259	'43135243_/_2362751'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2260	'2341469_/_2341466'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2261	'72981427_/_72981446'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2262	'2321807_/_259911753'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2263	'2321400_/_2321397_2'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2264	'2332414_/_2332424'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2265	'37613592_/_9695018'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2266	'37613585_/_37613596'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2267	'399582280_/_399582287'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2268	'37613619_/_37613617'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2269	'2322036_/_2343087'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	2270	'43020979_/_1562295_2'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SCA021	2271	'2321997_/_2321995_1'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2272	'8796588_/_9702290'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2273	'43132449_/_43132451'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2274	'37613578_/_37613582'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2275	'1534119_/_1534117'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2276	'615582633_/_615582639'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2277	'68289906_/_1656982_2'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2278	'1627124_/_43027521'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2279	'2340636_/_2340633'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2280	'2351845_/_2351859'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	2281	'2331008_/_2331005'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2282	'2363012_/_2363026'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2283	'2321998_/_2321995_2'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2284	'1534133_/_1534130'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2285	'2335633_/_259911786'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2286	'43128885_/_2329838'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2287	'2351846_/_2351876_1'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2288	'43128623_/_43128625'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2289	'2348075_/_2348072'	0	0	0	0.104	0.13	0	0	No	0 Primary Over-Voltage
SCA021	2290	'2363013_/_2363010'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2291	'657560329_/_657560345_2'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2292	'7220232_/_9114597'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2293	'43129436_/_2345184'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2294	'2364635_/_2364632'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	2295	'2332505_/_2332502'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2296	'2321849_/_2321846'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2297	'2321309_/_2321319'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2298	'7525310_/_7525307'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2299	'2329815_/_43128876'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2300	'2329277_/_2329287'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2301	'2341413_/_2341411'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2302	'2321736_/_2321746'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2303	'1624364_/_1624361'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2304	'7536511_/_9114661_1'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2305	'156587234_/_43129713_2'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2306	'2336503_/_2336513'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2307	'43127085_/_2364649'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	2308	'499135839_/_1624682_2'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2309	'2321874_/_2321888'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2310	'2332353_/_2332411'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2311	'2326792_/_2326802'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2312	'43129700_/_2332541'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2313	'43135431_/_2363535'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2314	'2329841_/_43128887'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2315	'1627125_/_1627122'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2316	'7220057_/_7220054_1'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2317	'2346892_/_2346993'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2318	'156587139_/_2332350_2'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2319	'8479358_/_8479355'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2320	'2351879_/_2351876_2'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2321	'43135602_/_2364304'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2322	'2333946_/_43127087'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	2323	'51429507_/_51429481'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2324	'2347048_/_2347061_1'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2325	'2322078_/_2322076_1'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2326	'2332544_/_43129702'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2327	'43127017_/_2321733'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2328	'44077317_/_1624374'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2329	'43128863_/_2341424'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2330	'1534146_/_1534143'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2331	'43021130_/_43021132'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2332	'2348088_/_2348085'	0	0	0	0.104	0.13	0	0	No	0 Primary Over-Voltage
SCA021	2333	'72981349_/_72981434'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2334	'9714102_/_44077319_2'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2335	'2341427_/_8169669_2'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2336	'2322942_/_2333944'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	2337	'51867587_/_65419113'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2338	'1586220_/_43020981'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2339	'8450290_/_8450288_2'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2340	'2331047_/_2331044_1'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2341	'2322943_/_2322956_1'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2342	'2311775_/_2332366'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2343	'2322010_/_2322021'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2344	'89169961_/_53731122_1'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2345	'2348114_/_2348124_2'	0	0	0	0.048	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2346	'2363042_/_2363039'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2347	'2330888_/_2330898'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2348	'2311733_/_2332515'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2349	'74904805_/_74904859'	0	0	0	0.048	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2350	'156587185_/_2311773_1'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2351	'2336398_/_43135245'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2352	'2329708_/_2341440'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2353	'9383920_/_9695584_2'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2354	'43129711_/_43129713_1'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2355	'2322052_/_2322076_2'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2356	'156587571_/_2311731_1'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2357	'43127006_/_2341051'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2358	'74904812_/_7220522_2'	0	0	0	0.048	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2359	'2320629_/_2345154'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	2360	'2332385_/_2332382'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2361	'43027530_/_1627216'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2362	'2322959_/_2322956_2'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2363	'450193710_/_8750174'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2364	'7495656_/_8796586'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SCA021	2365	'156587162_/43129658_1'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2366	'2321413_/2321410'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2367	'2321722_/2321720'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2368	'450193642_/450193742'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2369	'2329179_/2329177'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2370	'2332340_/2332350_1'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2371	'2331261_/2331258'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2372	'43132124_/2320627'	0	0	0	8	0.2	0	0 No	0	Primary Over-Voltage
SCA021	2373	'2336490_/2336500'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2374	'1624655_/1624682_1'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2375	'450193606_/450193661'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2376	'43129722_/2311731_2'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2377	'2329276_/2329274'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2378	'66746072_/2347061_2'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2379	'43127028_/2321859'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2380	'51429530_/51429509'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2381	'2345187_/43129438'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2382	'2326779_/2326789'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2383	'43129293_/2330885'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2384	'2346879_/2346889'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2385	'43132111_/43132126'	0	0	0	8	0.2	0	0 No	0	Primary Over-Voltage
SCA021	2386	'43128986_/2329945'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2387	'1534159_/1534156'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2388	'2348101_/2348098'	0	0	0	0.104	0.13	0	0 No	0	Primary Over-Voltage
SCA021	2389	'7149418_/7149415'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2390	'2321296_/2321306'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2391	'2348127_/2348124_1'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2392	'43135646_/2363506'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2393	'1534094_/1534104'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2394	'8431947_/9066717_1'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2395	'2363509_/8169717_2'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2396	'2332664_/2332661'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2397	'2322011_/43127076'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2398	'43126940_/2321872'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2399	'9114664_/9114661_2'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2400	'2364307_/43135604'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2401	'2322972_/2322969'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2402	'7220233_/7220230'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2403	'2322987_/43132113'	0	0	0	8	0.2	0	0 No	0	Primary Over-Voltage
SCA021	2404	'1627138_/1627135'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2405	'2311776_/2311773_2'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2406	'2311734_/43129724'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2407	'38884317_/8450288_1'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2408	'2322053_/2322050'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2409	'2332530_/2332528'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2410	'43128841_/43128843'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2411	'642908381_/2322998_1'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2412	'7808693_/7808691_1'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2413	'43026873_/44077319_1'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2414	'2329167_/2349240'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2415	'1624144_/1624141'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2416	'1534093_/1534091'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2417	'8785887_/8785884'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2418	'2329948_/43128988'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2419	'2321943_/2321953'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2420	'43127260_/2343195'	0	0	0	8	0.2	0	0 No	0	Primary Over-Voltage
SCA021	2421	'2331417_/2331427'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2422	'43021141_/1534169'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2423	'2336399_/2336396'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2424	'72981240_/72981243'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2425	'2332398_/43129658_2'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2426	'2336489_/2336487'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2427	'51429536_/51429533'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2428	'2345263_/2345260'	0	0	0	8	0.2	0	0 No	0	Primary Over-Voltage
SCA021	2429	'61018258_/2335643'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2430	'2331112_/2331122'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2431	'87114913_/2346876_2'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2432	'51429574_/51429553_1'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2433	'1624253_/1624653'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2434	'2345228_/2345277'	0	0	0	8	0.2	0	0 No	0	Primary Over-Voltage
SCA021	2435	'2348165_/2348311'	0	0	0	0.104	0.13	0	0 No	0	Primary Over-Voltage
SCA021	2436	'397318991_/1624309_1'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2437	'61018317_/61018296_1'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2438	'2326766_/2326776'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2439	'43129645_/43129647'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2440	'43127647_/43127649'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2441	'2332677_/2332687'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2442	'2345229_/2364427_1'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2443	'2347614_/2348137'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2444	'2323001_/2322998_2'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2445	'2345317_/2345314'	0	0	0	8	0.2	0	0 No	0	Primary Over-Voltage
SCA021	2446	'7495640_/7495654'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2447	'156685202_/2348256_1'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2448	'2345296_/2345334'	0	0	0	8	0.2	0	0 No	0	Primary Over-Voltage
SCA021	2449	'8750177_/450193610'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2450	'156735929_/2348195_1'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2451	'2345244_/2345294'	0	0	0	8	0.2	0	0 No	0	Primary Over-Voltage
SCA021	2452	'2319590_/2319588'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2453	'43127273_/2364440'	0	0	0	8	0.2	0	0 No	0	Primary Over-Voltage
SCA021	2454	'39683157_/44095228'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2455	'2321862_/43127030'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2456	'2320646_/2320644_1'	0	0	0	5.336	0.13	0	0 No	0	Primary Over-Voltage
SCA021	2457	'2348181_/2348195_2'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2458	'1627151_/1627148'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SCA021	2459	'1534172_/43021143'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2460	'7836448_/9098971'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2461	'66745980_/61018260'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2462	'43135309_/43135311'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2463	'2343214_/43127275'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	2464	'1624157_/1624154'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2465	'38139919_/9066717_2'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2466	'2341054_/43127008'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2467	'2322066_/2322063'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2468	'8450291_/44093513'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2469	'43021119_/43021121'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2470	'2347615_/2347612'	0	0	0	0.048	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2471	'7495641_/7495638'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2472	'2323058_/2343212'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	2473	'8169671_/8169669_1'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2474	'2331391_/2331401'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2475	'1624254_/1624251'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2476	'69428667_/9702400_1'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2477	'72981310_/72981317'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2478	'8121184_/9066243'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2479	'2321593_/9113953_1'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2480	'7220525_/7220522_1'	0	0	0	0.048	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2481	'2321930_/2321940'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2482	'2340505_/2340477'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2483	'66746104_/66746038'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2484	'157739241_/2323056_1'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2485	'43132159_/2320644_2'	0	0	0	5.336	0.13	0	0	No	0 Primary Over-Voltage
SCA021	2486	'43129414_/2345876'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2487	'2321875_/43126942'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2488	'43129370_/7148187'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2489	'2321969_/2321966'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2490	'43135624_/2364427_2'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2491	'144572506_/2340503_1'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2492	'2329682_/2329692'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2493	'8169720_/8169717_1'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2494	'43127120_/2343155'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	2495	'2332025_/2347641'	0	0	0	0.048	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2496	'2331099_/2331109'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2497	'50941589_/2323056_2'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2498	'2321283_/2321293'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2499	'1624312_/1624309_2'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2500	'2329034_/2329164'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2501	'2335105_/2335103'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2502	'2323017_/2323014'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2503	'2363149_/2363159'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2504	'2332690_/622615158'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2505	'70012577_/1624601_2'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2506	'2348242_/2348256_2'	0	0	0	0.048	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2507	'2343181_/2343178'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	2508	'2326765_/2326763'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2509	'1627164_/1627161'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2510	'2332339_/2332337'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2511	'40680864_/1624601_1'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2512	'9066668_/9066665'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2513	'1624296_/1624293'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2514	'2322713_/50941586'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2515	'2348871_/2348868'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	2516	'2320647_/43132161'	0	0	0	5.336	0.13	0	0	No	0 Primary Over-Voltage
SCA021	2517	'1534068_/1534078'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2518	'43026807_/1624264'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2519	'7836449_/7836446'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2520	'7148190_/43129372'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2521	'2331378_/2331388'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2522	'1650743_/1650740'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2523	'2340394_/2348885'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	2524	'1649688_/1649685'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2525	'2321929_/2321927'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2526	'72981275_/72981329'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2527	'53129833_/53129811'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2528	'486425703_/2341716'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2529	'2330788_/7148200'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2530	'70012562_/70012575'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2531	'157794918_/7135197_1'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2532	'1624169_/624679009'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2533	'413610793_/413610812'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2534	'7135171_/7135184_1'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2535	'8121185_/8121182'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2536	'43129744_/2332700'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2537	'2364430_/43135626'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2538	'1627189_/1627174'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2539	'70012608_/1655185_1'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2540	'43126844_/2321591'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2541	'2350444_/2363146'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2542	'2345879_/43129416'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2543	'2340492_/2340503_2'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2544	'2331086_/2331096'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2545	'7149173_/2340392_1'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	2546	'43127050_/2321979'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2547	'2347630_/2348179'	0	0	0	0.048	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2548	'43127133_/2340392_2'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	2549	'7149174_/7149188_1'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2550	'2348213_/2348240'	0	0	0	0.048	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2551	'2323030_/2323027'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2552	'9113828_/9113825'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SCA021	2553	'37612990_/_37612987'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2554	'37612955_/_37612994'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2555	'37612948_/_37612952'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2556	'37612962_/_37612966'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2557	'37612976_/_37612980'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2558	'37612975_/_37612973'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2559	'7220265_/_37612959'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2560	'8170011_/_37612945'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2561	'107956952_/_9695584_1'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2562	'2329033_/_2329031'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2563	'1586232_/_1624167'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2564	'1534055_/_1534065'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2565	'2330772_/_2330785'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2566	'2364695_/_2364705'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2567	'44063186_/_7149188_2'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2568	'2346863_/_2346876_1'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2569	'2332716_/_2332713'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2570	'2329595_/_2329679'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2571	'43027552_/_1627200'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2572	'49462390_/_2348211'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2573	'49251308_/_7220894_3'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2574	'2321256_/_2321280'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2575	'1627203_/_8786160_1'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2576	'1627232_/_1627229'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2577	'373598573_/_373598570'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2578	'43130417_/_2340516'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2579	'2322330_/_2340375'	0	0	0	8	0.2	0	0 No	0	Primary Over-Voltage
SCA021	2580	'2348646_/_2348683'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2581	'2331365_/_2331375'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2582	'2322885_/_2322898_1'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2583	'54955154_/_7135184_2'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2584	'373598669_/_373598605_1'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2585	'157793714_/_2348767_1'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2586	'157793722_/_2348657_1'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2587	'2331219_/_2350454'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2588	'7486487_/_7486484'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2589	'2322726_/_2322723'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2590	'2332026_/_2332023'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2591	'2330858_/_7135197_2'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2592	'43026818_/_43026809'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2593	'2323072_/_2323069'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2594	'1624604_/_43026864'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2595	'2348327_/_2348324'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2596	'1586233_/_1586230'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2597	'1655188_/_1655185_2'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2598	'66746137_/_43131942'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2599	'2329786_/_2329783'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2600	'7149191_/_44063188'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2601	'2322331_/_2322328'	0	0	0	8	0.2	0	0 No	0	Primary Over-Voltage
SCA021	2602	'2322901_/_2322898_2'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2603	'2321594_/_43126846'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2604	'51429473_/_51429553_2'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2605	'9416227_/_9416224'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2606	'153598931_/_150203802_2'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2607	'1534042_/_1534052'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2608	'2336424_/_2340490'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2609	'2330759_/_2330769'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2610	'373598586_/_373598605_2'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2611	'107957026_/_107957037'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2612	'2346850_/_2346860'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2613	'1586246_/_1586243'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2614	'2364682_/_2364692'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2615	'2321982_/_43127052'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2616	'43129403_/_2331135'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2617	'2323085_/_2323082'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2618	'7536142_/_7536140_1'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2619	'2332728_/_2332739'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2620	'2331218_/_2331216'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2621	'43128852_/_2329799'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2622	'8479550_/_8479547'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2623	'43027027_/_1624915'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2624	'2331352_/_2331362'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2625	'54955171_/_2354832'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2626	'43133470_/_43133472'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2627	'2348701_/_2348767_2'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2628	'2322348_/_2322345'	0	0	0	8	0.2	0	0 No	0	Primary Over-Voltage
SCA021	2629	'2348152_/_2348337'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2630	'2336412_/_43130419'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2631	'2322739_/_2322736'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2632	'7809255_/_9080711'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2633	'2330859_/_2330856'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2634	'2323098_/_2323095'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2635	'2332106_/_2347628'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2636	'43021108_/_1534039'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2637	'54955142_/_2354845'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2638	'2346500_/_2346497'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2639	'2332039_/_2332036'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2640	'7536206_/_8170009'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2641	'7536090_/_7536088_1'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2642	'2341944_/_2348644'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2643	'2329582_/_2329592'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2644	'2331073_/_2331083'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2645	'7536143_/_7536140_2'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2646	'2346849_/_2346847'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SCA021	2647	'43128997_/_2319562'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2648	'107956986_/_107957051'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2649	'2364669_/_2364679'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2650	'2322368_/_2322365'	0	0	0	8	0.2	0	0 No	0	Primary Over-Voltage
SCA021	2651	'2348660_/_2348657_2'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2652	'61018309_/_61018296_2'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2653	'1586259_/_1586256'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2654	'7535943_/_7846094_1'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2655	'2348227_/_2348224'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2656	'1624795_/_43026820'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2657	'66746141_/_2335669'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2658	'1624876_/_43027029'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2659	'2331455_/_2331453'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2660	'1624808_/_1624805'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2661	'7206230_/_8786160_2'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2662	'2332091_/_43129603'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2663	'2311720_/_2332726'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2664	'2331339_/_2331349'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2665	'2348153_/_2348150'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2666	'2322752_/_2322749'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2667	'43132708_/_2348699'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2668	'54955271_/_2354861'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2669	'2321257_/_2321254'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2670	'2323127_/_2323124'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2671	'69428368_/_2311718_1'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2672	'43026895_/_1624614'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2673	'139181143_/_7220894_2'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2674	'2331138_/_43129405'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2675	'2322388_/_2322385'	0	0	0	8	0.2	0	0 No	0	Primary Over-Voltage
SCA021	2676	'2330525_/_2335320'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2677	'2330875_/_2330872'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2678	'2319565_/_43128999'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2679	'2323114_/_2323111'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2680	'2311721_/_2311718_2'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2681	'2364721_/_7220894_1'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2682	'156587601_/_2342121_2'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2683	'410810287_/_410810338'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2684	'2364668_/_2364666'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2685	'43130439_/_2336422'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2686	'2345989_/_2345986'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2687	'1534012_/_1534257'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2688	'2330746_/_2330756'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2689	'2331206_/_2331466'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2690	'43130318_/_2339744'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2691	'1624892_/_1624889'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2692	'2329005_/_2351322'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2693	'2342137_/_2342134_1'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2694	'2348287_/_2348298'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2695	'43347784_/_7070893'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2696	'2364734_/_2364731'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2697	'1627284_/_1627281'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2698	'455294176_/_455293999_1'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2699	'1534013_/_1534010'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2700	'2321917_/_2364718'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2701	'44518171_/_7536088_2'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2702	'2322405_/_2322402'	0	0	0	8	0.2	0	0 No	0	Primary Over-Voltage
SCA021	2703	'69121811_/_107956991'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2704	'7846080_/_150203802_1'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2705	'43132730_/_2348602'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2706	'2330526_/_2330523'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2707	'2331481_/_2331479'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2708	'455294002_/_455293999_2'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2709	'2332107_/_2332104'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2710	'2329569_/_2329579'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2711	'2341945_/_2341942_1'	0	0	0	0.032	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2712	'54955255_/_43132228'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2713	'38987176_/_2342121_1'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2714	'8479486_/_8479483'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2715	'2331326_/_2331336'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2716	'2329004_/_2329002'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2717	'43127172_/_2322762'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2718	'66746145_/_2335682'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2719	'516728030_/_516728046'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2720	'2332052_/_2332049'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2721	'43027640_/_1627294'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2722	'2328992_/_2329381'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2723	'43027016_/_43027018'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2724	'1619725_/_1619735'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2725	'1620597_/_1624902'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2726	'2326344_/_2348670'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2727	'2331193_/_2331203'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2728	'2322422_/_2322419'	0	0	0	8	0.2	0	0 No	0	Primary Over-Voltage
SCA021	2729	'43129612_/_2332162'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2730	'2332165_/_8795734_1'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2731	'40372740_/_7809253'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2732	'7846325_/_9427022_1'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2733	'2321904_/_2321914'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2734	'43129733_/_43129735'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2735	'650925804_/_8795734_2'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2736	'7846097_/_7846094_2'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2737	'43126811_/_2321267'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2738	'455294024_/_455294021'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2739	'2331060_/_2331070'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2740	'69121848_/_69121867'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SCA021	2741	'2329397_/_2329394'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2742	'7206231_/_7206228'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2743	'334613060_/_2340151'	0	0	0	0.048	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2744	'43129260_/_2335304'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2745	'2348271_/_2348285'	0	0	0	0.048	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2746	'3592029_/_3592039'	0	0	0	0.096	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2747	'2336438_/_2336435'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2748	'43026961_/_1624209'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2749	'1627310_/_1627307'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2750	'9708691_/_1627320_1'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2751	'2339747_/_43130320'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2752	'2322439_/_2322436'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	2753	'9708675_/_44106390_2'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2754	'2330745_/_2330743'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2755	'7135142_/_7135152_1'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2756	'54955327_/_2346455'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2757	'43129216_/_2330536'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2758	'2348605_/_43132732'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2759	'43021097_/_1534023'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2760	'43126951_/_2321901'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2761	'2332065_/_2332062'	0	0	0	0.048	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2762	'43026950_/_1620595'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2763	'43026207_/_1619722'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2764	'2335307_/_43129262'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2765	'2331180_/_2331190'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2766	'2328979_/_2328989'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2767	'2311763_/_2332609'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2768	'2331313_/_2331323'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2769	'7535911_/_7846046_1'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2770	'7809239_/_44099750'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2771	'2322778_/_43127174'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2772	'8786179_/_8786176'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2773	'2346458_/_54955325'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2774	'2326345_/_2326342'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2775	'43127159_/_2322453'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	2776	'66746149_/_2335695'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2777	'2331442_/_7135152_2'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2778	'2329556_/_2329566'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2779	'69121778_/_69121855'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2780	'7220264_/_7220262'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2781	'7535734_/_650925810'	0	0	0	0.048	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2782	'63584500_/_1657294_1'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2783	'1657283_/_1657294_2'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2784	'3592028_/_3592026'	0	0	0	0.096	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2785	'2332245_/_334613070'	0	0	0	0.048	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2786	'2329410_/_2329407'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2787	'63584508_/_8131553_1'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2788	'7536207_/_7536204'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2789	'1624225_/_1624222_1'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2790	'1627323_/_1627320_2'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2791	'2347902_/_2348269'	0	0	0	0.048	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2792	'1624736_/_1624818'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2793	'50519626_/_1624222_2'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2794	'43129755_/_43129757'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2795	'2331167_/_2331177'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2796	'2332078_/_2332075'	0	0	0	0.048	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2797	'39865998_/_1624734_1'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2798	'2339971_/_43127161'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	2799	'3592055_/_3592052'	0	0	0	0.096	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2800	'43127039_/_43127041'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2801	'1617274_/_1619709'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2802	'1624642_/_1657281'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2803	'2321270_/_43126813'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2804	'2332651_/_2332648'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2805	'2330551_/_43129218'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2806	'2331232_/_2331229'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2807	'2330803_/_2331440'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2808	'2331300_/_2331310'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2809	'1534026_/_43021099'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2810	'1624643_/_1624640'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2811	'3608994_/_3609020'	0	0	0	0.096	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2812	'2336451_/_2336448'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2813	'43132630_/_7150013'	0	0	0	0.048	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2814	'2323152_/_2339985'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	2815	'43132719_/_2348615'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2816	'9113891_/_9113889'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2817	'7809240_/_7809237'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2818	'43128819_/_2329650'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2819	'8431878_/_69121783'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2820	'2322791_/_2322788'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2821	'8431879_/_8431876'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2822	'43129425_/_2331164'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2823	'2329423_/_2329420'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2824	'2332570_/_2332593'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2825	'2331059_/_2331057'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2826	'43128197_/_2326355'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2827	'40983737_/_44106390_1'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2828	'2328966_/_2328976'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2829	'66746153_/_2335789'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2830	'1613052_/_1617271'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2831	'2332123_/_2332120'	0	0	0	0.048	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2832	'156587624_/_43129779_1'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2833	'2332178_/_2332175'	0	0	0	0.048	0.07	0	0	No	0 Primary Over-Voltage
SCA021	2834	'8131555_/_8131553_2'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SCA021	2835	'2347903_/_2347900'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2836	'2355137_/_2355147'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2837	'2323153_/_2323150'	0	0	0	8	0.2	0	0 No	0	Primary Over-Voltage
SCA021	2838	'2319308_/_2319306'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2839	'339470639_/_43129779_2'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2840	'2332583_/_2332580'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2841	'2322817_/_2322814'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2842	'43129447_/_2331245'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2843	'8468803_/_8786192'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2844	'1656522_/_1656520'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2845	'1624737_/_1624734_2'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2846	'2331287_/_2331297'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2847	'7846504_/_9427022_2'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2848	'2329555_/_2329553'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2849	'2332246_/_75230884'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2850	'2330804_/_2330801'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2851	'156736002_/_2322827_1'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2852	'1660182_/_1660179'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2853	'2330552_/_2330549'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2854	'2332557_/_2332567'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2855	'43026972_/_1657126'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2856	'2323170_/_2323167'	0	0	0	8	0.2	0	0 No	0	Primary Over-Voltage
SCA021	2857	'1613051_/_1613049'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2858	'2329653_/_43128821'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2859	'43129348_/_2355163'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2860	'2327212_/_2335291'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2861	'2323257_/_2323271_2'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2862	'7525641_/_50519623'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2863	'2336464_/_2336461'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2864	'2332152_/_2340138'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2865	'66746157_/_2319792'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2866	'2329624_/_2329621'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2867	'2332191_/_2332188'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2868	'1657100_/_43026974'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2869	'43347940_/_3608991'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2870	'404319264_/_1657194_2'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2871	'2348618_/_43132721'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2872	'2332638_/_43129779_3'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2873	'2347916_/_2347913'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2874	'2330846_/_43129361'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2875	'394382054_/_1657168_1'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2876	'43127194_/_2319335'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2877	'2332326_/_2332554'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2878	'2331248_/_43129449'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2879	'2332624_/_43129768'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2880	'156587677_/_2332324_1'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2881	'2323187_/_2323184'	0	0	0	8	0.2	0	0 No	0	Primary Over-Voltage
SCA021	2882	'2322914_/_43127185'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2883	'7150016_/_43132632'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2884	'7166872_/_2326368_1'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2885	'2330820_/_2330817'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2886	'2330730_/_2355134'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2887	'2326371_/_2326368_2'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2888	'2322830_/_2322827_2'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2889	'2319522_/_7846046_2'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2890	'2355166_/_43129350'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2891	'2331274_/_2331284'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2892	'1624750_/_1624747'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2893	'38244965_/_1660192'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2894	'43026939_/_603653576'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2895	'2328965_/_2328963'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2896	'1622542_/_1624180'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2897	'2323274_/_2323271_1'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2898	'2331151_/_2331148'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2899	'43128612_/_7846046_3'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2900	'7536223_/_7536220'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2901	'2327213_/_2327210'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2902	'7535735_/_460587186'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2903	'2330565_/_2330562'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2904	'39769624_/_7525639'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2905	'8169799_/_8169797_1'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2906	'8479581_/_8479579'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2907	'8156963_/_8468801'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2908	'2319523_/_43128614'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2909	'43027005_/_1657194_1'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2910	'43129008_/_2329637'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2911	'2332136_/_2332149'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2912	'2323204_/_2323201'	0	0	0	8	0.2	0	0 No	0	Primary Over-Voltage
SCA021	2913	'2332204_/_2332201'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2914	'1622543_/_1622540'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2915	'2335226_/_2335223'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2916	'2348631_/_2348628'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2917	'66746178_/_2335708'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2918	'8796201_/_9427442'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2919	'2354876_/_2354874'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2920	'43026983_/_1657168_2'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2921	'43130450_/_2336474'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2922	'1693526_/_7069935'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2923	'2347929_/_2347926'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2924	'144572782_/_43130452_1'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2925	'2330833_/_43129328'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2926	'43128808_/_2320027'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2927	'1622556_/_1622553'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2928	'2332259_/_2332256'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SCA021	2929	'2322843_/_2322840'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2930	'2320030_/_7846062_2'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2931	'2332327_/_2332324_2'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2932	'2323221_/_2323218'	0	0	0	8	0.2	0	0 No	0	Primary Over-Voltage
SCA021	2933	'43128340_/_2327223'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2934	'2331273_/_2331271'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2935	'1657142_/_1657139'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2936	'9417254_/_9417252'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2937	'1657112_/_43027007'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2938	'1624415_/_43026941'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2939	'43129282_/_2330727'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2940	'44069033_/_7166870'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2941	'380165396_/_410810285'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2942	'380165387_/_380165393'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2943	'1645743_/_1645757'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2944	'8444693_/_9708672'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2945	'380165388_/_380165385'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2946	'380165412_/_380165409'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2947	'380165404_/_380165401'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2948	'2332135_/_2332133'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2949	'2332217_/_2332214'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2950	'43129227_/_2330575'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2951	'50345864_/_1645741_1'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2952	'2319363_/_43127299'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2953	'2327200_/_2340196'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2954	'66746185_/_2335721'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2955	'2323238_/_2323235'	0	0	0	8	0.2	0	0 No	0	Primary Over-Voltage
SCA021	2956	'2326387_/_2326384'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2957	'144016773_/_8156961_1'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2958	'7846957_/_9427734'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2959	'8796200_/_8796198'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2960	'2329017_/_2329015'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2961	'2327252_/_2327249'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2962	'2348715_/_2348780'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2963	'43127205_/_2364239'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2964	'2327238_/_2327265'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2965	'2329543_/_2354887'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2966	'8479166_/_8479163'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2967	'1624279_/_1657155'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2968	'8444694_/_8444691'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2969	'2347942_/_2347939'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2970	'2348731_/_2348728'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2971	'1624416_/_1624413'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2972	'8169800_/_8169797_2'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2973	'380165501_/_380165520'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2974	'343252504_/_239524098_2'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2975	'7846505_/_7846502'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2976	'2340849_/_43131660'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2977	'2335737_/_2335734'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2978	'7166873_/_44069035'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2979	'53130098_/_53130068_1'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2980	'2332233_/_2332230'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2981	'2330716_/_2330714'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2982	'43129590_/_43129592'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2983	'7135113_/_7135123_1'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2984	'44621562_/_1657110'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2985	'1693527_/_1693524'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2986	'1693513_/_1693537'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2987	'43131822_/_2348754'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2988	'8787167_/_9104499_1'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2989	'75230928_/_75230933'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2990	'2330578_/_43129229'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2991	'2327187_/_2327197'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2992	'7846064_/_7846062_1'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2993	'2327239_/_2327236'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2994	'43128797_/_2329605'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2995	'411998699_/_411998696'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2996	'2323348_/_2323345'	0	0	0	8	0.2	0	0 No	0	Primary Over-Voltage
SCA021	2997	'411998789_/_411998712_2'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2998	'385389071_/_385389090'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	2999	'7536239_/_7846954'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3000	'2330674_/_7135123_2'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3001	'2323286_/_2342160'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3002	'43127216_/_43127207'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3003	'7158516_/_2348712_2'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3004	'1624429_/_1624426'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3005	'2341336_/_2348712_1'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3006	'43131833_/_2348741'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3007	'8170028_/_8170025'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3008	'2347955_/_2347952'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3009	'2329047_/_2329044'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3010	'1533921_/_1645741_2'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3011	'1624280_/_1624277'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3012	'2329530_/_2329540'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3013	'43132006_/_2341942_2'	0	0	0	0.032	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3014	'2327280_/_2335210'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3015	'2341241_/_43131824'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3016	'412607258_/_2341239_1'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3017	'9373316_/_9711042'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3018	'2323287_/_2323284'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3019	'2340169_/_2340167'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3020	'1624442_/_1624439'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3021	'43128208_/_2326397'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3022	'2341242_/_2341239_2'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SCA021	3023	'9104502_/_9104499_2'	0	0	0	0.096	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3024	'9427381_/_9427378'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3025	'2330662_/_2348941'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3026	'2327174_/_2327184'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3027	'2329608_/_43128799'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3028	'43131844_/_43131846'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3029	'92513834_/_7846566_1'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3030	'2347968_/_2347965'	0	0	0	0.048	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3031	'7220073_/_239524098_1'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3032	'43127308_/_2323362'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	3033	'1624455_/_1624452'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3034	'2348033_/_2348030_1'	0	0	0	0.048	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3035	'89371506_/_2348030_2'	0	0	0	0.048	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3036	'2348744_/_43131835'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3037	'1693514_/_1693511'	0	0	0	0.096	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3038	'2329517_/_2329527'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3039	'43129304_/_2330672'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3040	'43129623_/_2332269'	0	0	0	0.048	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3041	'2323303_/_2323300'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3042	'2348020_/_2348030_3'	0	0	0	0.048	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3043	'411998656_/_411998712_1'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3044	'462236631_/_456317214_1'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3045	'1533922_/_1533919'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3046	'63830611_/_63830637'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3047	'7220397_/_9113905_1'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3048	'2322856_/_43127218'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3049	'2341281_/_2341278'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3050	'2311746_/_2348046'	0	0	0	0.048	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3051	'9373317_/_9373314'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3052	'2341335_/_2341333'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3053	'2341307_/_2341320_1'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3054	'442961705_/_2341291_1'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3055	'1624468_/_1624465'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3056	'2342176_/_43127336'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3057	'9113859_/_9427394'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3058	'2348382_/_2348379'	0	0	0	0.048	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3059	'43040402_/_1693566'	0	0	0	0.096	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3060	'2341255_/_2341252'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3061	'43128329_/_43128331'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3062	'2323381_/_43127310'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	3063	'8479182_/_8479179'	0	0	0	0.048	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3064	'380165549_/_380165568'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3065	'2326318_/_43132008'	0	0	0	0.032	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3066	'2342150_/_2342134_2'	0	0	0	0.056	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3067	'2323543_/_2323541_1'	0	0	0	5.336	0.13	0	0	No	0 Primary Over-Voltage
SCA021	3068	'2348007_/_2348017'	0	0	0	0.048	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3069	'44065941_/_7158514'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3070	'2330688_/_2330685'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3071	'43128351_/_2327278'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3072	'53130061_/_53130068_2'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3073	'43129271_/_2330659'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3074	'1533935_/_1533932'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3075	'2311747_/_2311744'	0	0	0	0.048	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3076	'43128786_/_43128788'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3077	'2341294_/_2341291_2'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3078	'43127227_/_2322866'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3079	'2326400_/_43128210'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3080	'2323319_/_456317214_2'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3081	'53731228_/_53731230'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3082	'1624484_/_43026886'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3083	'53731177_/_53731260'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3084	'2348398_/_2348395'	0	0	0	0.048	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3085	'7536238_/_7536236'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3086	'411998677_/_411998730'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3087	'2323544_/_2323541_2'	0	0	0	5.336	0.13	0	0	No	0 Primary Over-Voltage
SCA021	3088	'37613270_/_9113857'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3089	'37613242_/_37613274'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3090	'37613235_/_37613239'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3091	'37613262_/_37613260'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3092	'37613249_/_37613253'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3093	'2323382_/_2323379'	0	0	0	8	0.2	0	0	No	0 Primary Over-Voltage
SCA021	3094	'2332285_/_43129625'	0	0	0	0.048	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3095	'2347994_/_2348004'	0	0	0	0.048	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3096	'2327148_/_2327158'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3097	'2323332_/_456317163'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3098	'2325484_/_2341265'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3099	'1693461_/_1693553'	0	0	0	0.096	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3100	'7535719_/_239524109'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3101	'2331822_/_2335349'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3102	'43129315_/_2330701'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3103	'7846569_/_7846566_2'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3104	'157794366_/_2331861_1'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3105	'2325513_/_2341320_2'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3106	'1533948_/_1533945'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3107	'2348414_/_2348411'	0	0	0	0.048	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3108	'43129019_/_43129021'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3109	'2326319_/_2326316'	0	0	0	0.032	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3110	'43135455_/_2363598'	0	0	0	0.056	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3111	'63830538_/_63830618'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3112	'63830525_/_63830535'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3113	'63830526_/_63830523'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3114	'63830549_/_63830553'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3115	'63830562_/_63830559'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3116	'1624496_/_1624562'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SCA021	3117	'2323399_/_2323396'	0	0	0	0	8	0.2	0	0 No	0 Primary Over-Voltage
SCA021	3118	'2347981_/_2347991'	0	0	0	0	0.048	0.07	0	0 No	0 Primary Over-Voltage
SCA021	3119	'2331864_/_2331861_2'	0	0	0	0	2.664	0.07	0	0 No	0 Primary Over-Voltage
SCA021	3120	'7807600_/_9701898'	0	0	0	0	2.664	0.07	0	0 No	0 Primary Over-Voltage
SCA021	3121	'1624536_/_43026930'	0	0	0	0	2.664	0.07	0	0 No	0 Primary Over-Voltage
SCA021	3122	'2327135_/_2327145'	0	0	0	0	2.664	0.07	0	0 No	0 Primary Over-Voltage
SCA021	3123	'54886182_/_54886179'	0	0	0	0	0.032	0.07	0	0 No	0 Primary Over-Voltage
SCA021	3124	'2319351_/_2319348'	0	0	0	0	2.664	0.07	0	0 No	0 Primary Over-Voltage
SCA021	3125	'1693462_/_1693459'	0	0	0	0	0.096	0.07	0	0 No	0 Primary Over-Voltage
SCA021	3126	'54886252_/_54886211_1'	0	0	0	0	0.032	0.07	0	0 No	0 Primary Over-Voltage
SCA021	3127	'420691196_/_9113905_2'	0	0	0	0	2.664	0.07	0	0 No	0 Primary Over-Voltage
SCA021	3128	'44062496_/_7148004'	0	0	0	0	2.664	0.07	0	0 No	0 Primary Over-Voltage
SCA021	3129	'2327281_/_43128353'	0	0	0	0	2.664	0.07	0	0 No	0 Primary Over-Voltage
SCA021	3130	'44065955_/_44065943'	0	0	0	0	2.664	0.07	0	0 No	0 Primary Over-Voltage
SCA021	3131	'9388635_/_9388652_2'	0	0	0	0	2.664	0.07	0	0 No	0 Primary Over-Voltage
SCA021	3132	'2348365_/_2348424_1'	0	0	0	0	0.048	0.07	0	0 No	0 Primary Over-Voltage
SCA021	3133	'2325485_/_2325482'	0	0	0	0	2.664	0.07	0	0 No	0 Primary Over-Voltage
SCA021	3134	'2331809_/_2331819'	0	0	0	0	2.664	0.07	0	0 No	0 Primary Over-Voltage
SCA021	3135	'43026906_/_1624494'	0	0	0	0	2.664	0.07	0	0 No	0 Primary Over-Voltage
SCA021	3136	'43132686_/_2348424_2'	0	0	0	0	0.048	0.07	0	0 No	0 Primary Over-Voltage
SCA021	3137	'9113844_/_9113841'	0	0	0	0	2.664	0.07	0	0 No	0 Primary Over-Voltage
SCA021	3138	'2330704_/_43129317'	0	0	0	0	2.664	0.07	0	0 No	0 Primary Over-Voltage
SCA021	3139	'1693475_/_1693472'	0	0	0	0	0.096	0.07	0	0 No	0 Primary Over-Voltage
SCA021	3140	'43127368_/_2323470'	0	0	0	0	2.664	0.07	0	0 No	0 Primary Over-Voltage
SCA021	3141	'2332298_/_2332295'	0	0	0	0	0.048	0.07	0	0 No	0 Primary Over-Voltage
SCA021	3142	'2323565_/_2323562'	0	0	0	0	5.336	0.13	0	0 No	0 Primary Over-Voltage
SCA021	3143	'1533961_/_1533958'	0	0	0	0	2.664	0.07	0	0 No	0 Primary Over-Voltage
SCA021	3144	'2348366_/_2348363_1'	0	0	0	0	0.048	0.07	0	0 No	0 Primary Over-Voltage
SCA021	3145	'432317313_/_43129636_1'	0	0	0	0	0.048	0.07	0	0 No	0 Primary Over-Voltage
SCA021	3146	'2323473_/_8169813_2'	0	0	0	0	2.664	0.07	0	0 No	0 Primary Over-Voltage
SCA021	3147	'43127345_/_456317108'	0	0	0	0	2.664	0.07	0	0 No	0 Primary Over-Voltage
SCA021	3148	'7807599_/_7807597'	0	0	0	0	2.664	0.07	0	0 No	0 Primary Over-Voltage
SCA021	3149	'2347980_/_43132655'	0	0	0	0	0.048	0.07	0	0 No	0 Primary Over-Voltage
SCA021	3150	'2323851_/_9427202_2'	0	0	0	0	2.664	0.07	0	0 No	0 Primary Over-Voltage
SCA021	3151	'43128775_/_43128777'	0	0	0	0	2.664	0.07	0	0 No	0 Primary Over-Voltage
SCA021	3152	'2348521_/_2348363_2'	0	0	0	0	0.048	0.07	0	0 No	0 Primary Over-Voltage
SCA021	3153	'1693488_/_1693485'	0	0	0	0	0.096	0.07	0	0 No	0 Primary Over-Voltage
SCA021	3154	'2331877_/_43129548'	0	0	0	0	2.664	0.07	0	0 No	0 Primary Over-Voltage
SCA021	3155	'2323416_/_2323413'	0	0	0	0	8	0.2	0	0 No	0 Primary Over-Voltage
SCA021	3156	'2327106_/_2327132'	0	0	0	0	2.664	0.07	0	0 No	0 Primary Over-Voltage
SCA021	3157	'2325514_/_2325511'	0	0	0	0	2.664	0.07	0	0 No	0 Primary Over-Voltage
SCA021	3158	'7148007_/_44062498'	0	0	0	0	2.664	0.07	0	0 No	0 Primary Over-Voltage
SCA021	3159	'2323489_/_2323499_1'	0	0	0	0	2.664	0.07	0	0 No	0 Primary Over-Voltage
SCA021	3160	'157795026_/_2327116_1'	0	0	0	0	2.664	0.07	0	0 No	0 Primary Over-Voltage
SCA021	3161	'1624509_/_43026908'	0	0	0	0	2.664	0.07	0	0 No	0 Primary Over-Voltage
SCA021	3162	'43131647_/_2363585'	0	0	0	0	0.056	0.07	0	0 No	0 Primary Over-Voltage
SCA021	3163	'2326332_/_2326329'	0	0	0	0	0.032	0.07	0	0 No	0 Primary Over-Voltage
SCA021	3164	'2332311_/_43129636_2'	0	0	0	0	0.048	0.07	0	0 No	0 Primary Over-Voltage
SCA021	3165	'38142937_/_44089015'	0	0	0	0	2.664	0.07	0	0 No	0 Primary Over-Voltage
SCA021	3166	'2325498_/_2325495'	0	0	0	0	2.664	0.07	0	0 No	0 Primary Over-Voltage
SCA021	3167	'7535846_/_7535844'	0	0	0	0	2.664	0.07	0	0 No	0 Primary Over-Voltage
SCA021	3168	'7489474_/_7489472_1'	0	0	0	0	2.664	0.07	0	0 No	0 Primary Over-Voltage
SCA021	3169	'1693275_/_1693498'	0	0	0	0	0.096	0.07	0	0 No	0 Primary Over-Voltage
SCA021	3170	'1533974_/_1533971'	0	0	0	0	2.664	0.07	0	0 No	0 Primary Over-Voltage
SCA021	3171	'2323502_/_2323499_2'	0	0	0	0	2.664	0.07	0	0 No	0 Primary Over-Voltage
SCA021	3172	'8479150_/_8479147'	0	0	0	0	2.664	0.07	0	0 No	0 Primary Over-Voltage
SCA021	3173	'2331796_/_2331806'	0	0	0	0	2.664	0.07	0	0 No	0 Primary Over-Voltage
SCA021	3174	'9388655_/_9388652_1'	0	0	0	0	2.664	0.07	0	0 No	0 Primary Over-Voltage
SCA021	3175	'2327119_/_2327116_2'	0	0	0	0	2.664	0.07	0	0 No	0 Primary Over-Voltage
SCA021	3176	'148973947_/_148973902_1'	0	0	0	0	2.664	0.07	0	0 No	0 Primary Over-Voltage
SCA021	3177	'9427205_/_9427202_1'	0	0	0	0	2.664	0.07	0	0 No	0 Primary Over-Voltage
SCA021	3178	'43026917_/_1624507'	0	0	0	0	2.664	0.07	0	0 No	0 Primary Over-Voltage
SCA021	3179	'1693274_/_1693272'	0	0	0	0	0.096	0.07	0	0 No	0 Primary Over-Voltage
SCA021	3180	'2330428_/_2335388'	0	0	0	0	2.664	0.07	0	0 No	0 Primary Over-Voltage
SCA021	3181	'7489475_/_7489472_2'	0	0	0	0	2.664	0.07	0	0 No	0 Primary Over-Voltage
SCA021	3182	'2327090_/_2327103'	0	0	0	0	2.664	0.07	0	0 No	0 Primary Over-Voltage
SCA021	3183	'9113731_/_9113745'	0	0	0	0	2.664	0.07	0	0 No	0 Primary Over-Voltage
SCA021	3184	'9701901_/_63830392'	0	0	0	0	2.664	0.07	0	0 No	0 Primary Over-Voltage
SCA021	3185	'54886204_/_54886211_2'	0	0	0	0	0.032	0.07	0	0 No	0 Primary Over-Voltage
SCA021	3186	'2348537_/_2348534'	0	0	0	0	0.048	0.07	0	0 No	0 Primary Over-Voltage
SCA021	3187	'2348440_/_43132688'	0	0	0	0	0.048	0.07	0	0 No	0 Primary Over-Voltage
SCA021	3188	'2327987_/_2335440'	0	0	0	0	0.048	0.07	0	0 No	0 Primary Over-Voltage
SCA021	3189	'2323580_/_2323577'	0	0	0	0	5.336	0.13	0	0 No	0 Primary Over-Voltage
SCA021	3190	'1533987_/_1533984'	0	0	0	0	2.664	0.07	0	0 No	0 Primary Over-Voltage
SCA021	3191	'2325527_/_2325524'	0	0	0	0	2.664	0.07	0	0 No	0 Primary Over-Voltage
SCA021	3192	'1649478_/_43026919'	0	0	0	0	2.664	0.07	0	0 No	0 Primary Over-Voltage
SCA021	3193	'2340424_/_2340464'	0	0	0	0	0.032	0.07	0	0 No	0 Primary Over-Voltage
SCA021	3194	'2329504_/_2335362'	0	0	0	0	2.664	0.07	0	0 No	0 Primary Over-Voltage
SCA021	3195	'2331783_/_2331793'	0	0	0	0	2.664	0.07	0	0 No	0 Primary Over-Voltage
SCA021	3196	'2320087_/_2320085_1'	0	0	0	0	0.032	0.07	0	0 No	0 Primary Over-Voltage
SCA021	3197	'43131636_/_2320211'	0	0	0	0	0.056	0.07	0	0 No	0 Primary Over-Voltage
SCA021	3198	'9074603_/_9074601'	0	0	0	0	2.664	0.07	0	0 No	0 Primary Over-Voltage
SCA021	3199	'43131490_/_2340438'	0	0	0	0	0.032	0.07	0	0 No	0 Primary Over-Voltage
SCA021	3200	'157794338_/_2331906_1'	0	0	0	0	2.664	0.07	0	0 No	0 Primary Over-Voltage
SCA021	3201	'2327077_/_2327087'	0	0	0	0	2.664	0.07	0	0 No	0 Primary Over-Voltage
SCA021	3202	'43032792_/_1654994'	0	0	0	0	2.664	0.07	0	0 No	0 Primary Over-Voltage
SCA021	3203	'44062955_/_2331906_2'	0	0	0	0	2.664	0.07	0	0 No	0 Primary Over-Voltage
SCA021	3204	'1693287_/_1693285'	0	0	0	0	0.096	0.07	0	0 No	0 Primary Over-Voltage
SCA021	3205	'2330497_/_2330494'	0	0	0	0	2.664	0.07	0	0 No	0 Primary Over-Voltage
SCA021	3206	'2323518_/_2323515'	0	0	0	0	2.664	0.07	0	0 No	0 Primary Over-Voltage
SCA021	3207	'2340441_/_43131492'	0	0	0	0	0.032	0.07	0	0 No	0 Primary Over-Voltage
SCA021	3208	'1534000_/_1533997'	0	0	0	0	2.664	0.07	0	0 No	0 Primary Over-Voltage
SCA021	3209	'2326428_/_2340451'	0	0	0	0	0.032	0.07	0	0 No	0 Primary Over-Voltage
SCA021	3210	'2351487_/_2351484'	0	0	0	0	2.664	0.07	0	0 No	0 Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SCA021	3211	'2330429_/_2330426'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3212	'43040380_/_1693327'	0	0	0	0.096	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3213	'66166263_/_2331780'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3214	'53731146_/_53731184'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3215	'1649490_/_43032794'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3216	'2348456_/_2348453'	0	0	0	0.048	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3217	'2327061_/_2327074'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3218	'43129205_/_2330510'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3219	'44067738_/_2327985'	0	0	0	0.048	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3220	'1651573_/_1651570'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3221	'43128764_/_43128766'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3222	'2323598_/_2323595'	0	0	0	5.336	0.13	0	0	No	0 Primary Over-Voltage
SCA021	3223	'148973884_/_148973902_2'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3224	'1693330_/_43040382'	0	0	0	0.096	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3225	'2331688_/_44062957'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3226	'43131479_/_2320085_2'	0	0	0	0.032	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3227	'43130428_/_43131638'	0	0	0	0.056	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3228	'1624522_/_1649488'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3229	'66166272_/_2331832'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3230	'43040369_/_1693371'	0	0	0	0.096	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3231	'67297388_/_67297225_1'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3232	'2351500_/_2351497'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3233	'2323531_/_2323528'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3234	'2326429_/_2326426'	0	0	0	0.032	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3235	'2327048_/_2327058'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3236	'2330442_/_2330439'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3237	'2330513_/_43129207'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3238	'1624523_/_1624520'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3239	'43032370_/_1651583'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3240	'67297067_/_67297070'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3241	'9113732_/_9113729'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3242	'43132697_/_2348466'	0	0	0	0.048	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3243	'16933301_/_1693298'	0	0	0	0.096	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3244	'43133536_/_2351523'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3245	'2351513_/_2351510'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3246	'112073512_/_112073523'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3247	'2336740_/_43130430'	0	0	0	0.056	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3248	'8169816_/_8169813_1'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3249	'2330455_/_2330452'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3250	'2331689_/_43129504'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3251	'2329478_/_2329488'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3252	'2331851_/_2331848'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3253	'43032420_/_1624627'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3254	'53731115_/_53731153'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3255	'2351568_/_2351565'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3256	'2326993_/_2327045'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3257	'2327988_/_44067740'	0	0	0	0.048	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3258	'1651586_/_43032372'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3259	'2323613_/_2323610'	0	0	0	5.336	0.13	0	0	No	0 Primary Over-Voltage
SCA021	3260	'2331757_/_2331767'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3261	'2320088_/_43131481'	0	0	0	0.032	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3262	'2351541_/_2351578'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3263	'7156551_/_43032422'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3264	'2326415_/_2326439'	0	0	0	0.032	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3265	'2319752_/_43128287_1'	0	0	0	0.032	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3266	'2336753_/_2336750'	0	0	0	0.056	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3267	'2330468_/_2330465'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3268	'2329477_/_2329475'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3269	'1693314_/_1693311'	0	0	0	0.096	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3270	'2326964_/_2326990'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3271	'7220328_/_7846258_2'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3272	'91737030_/_43132699'	0	0	0	0.048	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3273	'157795839_/_2326974_1'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3274	'91737054_/_2348563_1'	0	0	0	0.048	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3275	'2331744_/_2331754'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3276	'50549735_/_50549705_1'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3277	'2351555_/_43133549'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3278	'69428264_/_2328001_1'	0	0	0	0.048	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3279	'2336766_/_2336763'	0	0	0	0.056	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3280	'91737070_/_2348550_2'	0	0	0	0.048	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3281	'91737053_/_2348550_1'	0	0	0	0.048	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3282	'91737100_/_2348563_2'	0	0	0	0.048	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3283	'43130065_/_2328001_2'	0	0	0	0.048	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3284	'7511686_/_44094363_2'	0	0	0	0.048	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3285	'69429338_/_50549705_2'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3286	'50549649_/_2322694_2'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3287	'499135428_/_2339757_2'	0	0	0	0.056	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3288	'102357387_/_51632112_1'	0	0	0	0.056	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3289	'2319753_/_43128287_2'	0	0	0	0.032	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3290	'50549668_/_8795750_2'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3291	'2326455_/_2326452'	0	0	0	0.032	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3292	'43129194_/_2330478'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3293	'43128318_/_43128320'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3294	'43129030_/_2329961'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3295	'2326977_/_2326974_2'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3296	'109328837_/_8795750_1'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3297	'109328880_/_109328891'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3298	'3572798_/_7069951'	0	0	0	0.096	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3299	'109328906_/_109328938'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3300	'43133558_/_2351594'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3301	'2311866_/_2348576'	0	0	0	0.048	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3302	'67297122_/_67297225_2'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3303	'50549611_/_2322694_1'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3304	'51632071_/_51632112_2'	0	0	0	0.056	0.07	0	0	No	0 Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SCA021	3305	'51632047_/_51632075'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3306	'51632084_/_51632081'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3307	'51632060_/_51632057'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3308	'104937048_/_104937045'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3309	'43341587_/_3572796'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3310	'2331731_/_2331741'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3311	'2326963_/_2326961'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3312	'43130395_/_2339770'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3313	'2348566_/_91737094'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3314	'2327019_/_2327029_1'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3315	'2330481_/_43129196'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3316	'39667296_/_44094363_1'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3317	'2311867_/_2311864'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3318	'2329964_/_43129032'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3319	'2336214_/_2339757_1'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3320	'2326883_/_2327029_2'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3321	'2326468_/_2326465'	0	0	0	0.032	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3322	'2328004_/_43130067'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3323	'2322655_/_2322681'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3324	'2331718_/_2331728'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3325	'2312042_/_2312039'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3326	'157794310_/_2331890_1'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3327	'67481781_/_67481872'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3328	'51644290_/_51644297'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3329	'2311883_/_2311880'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3330	'43128307_/_43128309'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3331	'36336279_/_44084324'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3332	'43128296_/_43128298'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3333	'51632140_/_51632410'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3334	'3572637_/_3572634'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3335	'2331705_/_2331715'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3336	'2341095_/_2348589'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3337	'2336227_/_2336224'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3338	'67297246_/_67297253'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3339	'2326481_/_2326478'	0	0	0	0.032	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3340	'2336201_/_2336211'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3341	'43133572_/_43133560'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3342	'37613193_/_7846258_1'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3343	'37613186_/_37613197'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3344	'37613207_/_37613211'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3345	'37613221_/_37613225'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3346	'37613179_/_37613183'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3347	'2331675_/_2331890_2'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3348	'2326922_/_2326948'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3349	'2322671_/_2322668'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3350	'2328020_/_2328017'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3351	'7148022_/_43133574_1'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3352	'2326882_/_2326880'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3353	'67481805_/_67481812'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3354	'3572653_/_3572650'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3355	'104937079_/_104937151'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3356	'43133586_/_43133574_2'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3357	'43129491_/_2331673'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3358	'43129524_/_2331919'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3359	'51632438_/_51632445'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3360	'2341096_/_2341093'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3361	'2331663_/_2331702'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3362	'2326909_/_2326919'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3363	'2336240_/_2336237'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3364	'2326494_/_2326491'	0	0	0	0.032	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3365	'349954959_/_43128254_1'	0	0	0	0.032	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3366	'2336188_/_2336198'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3367	'3572666_/_3572663'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3368	'2331676_/_43129493'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3369	'3572705_/_3572702'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3370	'38856808_/_44090898'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3371	'8795753_/_109328911'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3372	'8169783_/_8169781'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3373	'7488986_/_9427186'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3374	'3572717_/_3572715'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3375	'2341124_/_2341213'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3376	'51632469_/_51632476'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3377	'2320304_/_2320302_1'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3378	'2326908_/_2326906'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3379	'156722037_/_2341174_1'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3380	'67297270_/_67297277'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3381	'2331922_/_43129526'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3382	'157738811_/_2341122_1'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3383	'3572731_/_3572728'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3384	'43130076_/_2328030'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3385	'3572679_/_3572676'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3386	'44062507_/_7148020'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3387	'2311788_/_2335469'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3388	'7511685_/_7511683'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3389	'2326695_/_2326705'	0	0	0	0.032	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3390	'2331650_/_2331660'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3391	'2320305_/_2320302_2'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3392	'2336253_/_2336250'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3393	'2326896_/_2326932'	0	0	0	0.032	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3394	'69428862_/_7535812_2'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3395	'67481829_/_67481836'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3396	'2336175_/_2336185'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3397	'43341598_/_51215173'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3398	'3572744_/_3572741'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SCA021	3399	'2351597_/_43133590'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3400	'2336279_/_2336276'	0	0	0	0.056	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3401	'7488987_/_7488984'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3402	'2326737_/_43128254_2'	0	0	0	0.032	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3403	'43131811_/_2341122_2'	0	0	0	0.048	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3404	'2311908_/_2341174_2'	0	0	0	0.048	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3405	'63839913_/_63839928'	0	0	0	0.096	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3406	'2336162_/_2336172'	0	0	0	0.056	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3407	'43128263_/_2326718'	0	0	0	0.032	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3408	'2311789_/_2311786'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3409	'3572757_/_3572754'	0	0	0	0.096	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3410	'67297412_/_67297295'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3411	'2328033_/_43130078'	0	0	0	0.048	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3412	'67482059_/_67482073'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3413	'104937185_/_104937196'	0	0	0	0.056	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3414	'51632500_/_51632507'	0	0	0	0.056	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3415	'2331634_/_2331647'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3416	'2336292_/_2336289'	0	0	0	0.056	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3417	'63839914_/_43341600'	0	0	0	0.096	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3418	'44062521_/_44062509'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3419	'2326721_/_43128265'	0	0	0	0.032	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3420	'43128241_/_43128243'	0	0	0	0.032	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3421	'2336266_/_2336263'	0	0	0	0.056	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3422	'8479133_/_8479131'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3423	'2311909_/_2311906'	0	0	0	0.048	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3424	'2341108_/_43131813'	0	0	0	0.048	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3425	'43130329_/_2336159'	0	0	0	0.056	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3426	'51068573_/_8124932'	0	0	0	0.048	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3427	'2311802_/_2311799'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3428	'7148023_/_44062525'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3429	'51068605_/_51068631'	0	0	0	0.048	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3430	'51068544_/_51068612'	0	0	0	0.048	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3431	'106724623_/_106724629'	0	0	0	0.056	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3432	'2311895_/_2341106'	0	0	0	0.048	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3433	'63839990_/_3572809'	0	0	0	0.096	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3434	'43130406_/_2336302'	0	0	0	0.056	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3435	'106724666_/_106724677'	0	0	0	0.056	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3436	'37612815_/_7535812_1'	0	0	0	0.048	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3437	'37612836_/_37612875'	0	0	0	0.048	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3438	'37612822_/_37612847'	0	0	0	0.048	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3439	'37612808_/_37612861'	0	0	0	0.048	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3440	'37612829_/_37612833'	0	0	0	0.048	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3441	'2338303_/_2339796'	0	0	0	0.056	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3442	'43129480_/_2331631'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3443	'106724692_/_106724725'	0	0	0	0.056	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3444	'575585295_/_575585197_1'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3445	'44067698_/_2328046'	0	0	0	0.048	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3446	'63839994_/_3572835'	0	0	0	0.096	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3447	'3572770_/_3572767'	0	0	0	0.096	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3448	'2311815_/_2311812'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3449	'2311896_/_2311893'	0	0	0	0.048	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3450	'2341164_/_2341148'	0	0	0	0.048	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3451	'43130285_/_43130331'	0	0	0	0.056	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3452	'2326682_/_2326692'	0	0	0	0.032	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3453	'2311922_/_2311919'	0	0	0	0.048	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3454	'2336305_/_43130408'	0	0	0	0.056	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3455	'2311948_/_2311945'	0	0	0	0.048	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3456	'575585181_/_575585197_2'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3457	'3572850_/_43341622'	0	0	0	0.096	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3458	'2338304_/_2338301'	0	0	0	0.056	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3459	'104937220_/_104937231'	0	0	0	0.056	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3460	'2311935_/_2311932'	0	0	0	0.048	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3461	'43131800_/_2341200'	0	0	0	0.048	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3462	'2335805_/_2335802'	0	0	0	0.056	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3463	'2328049_/_44067700'	0	0	0	0.048	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3464	'2331617_/_2331615'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3465	'3572786_/_3572783'	0	0	0	0.096	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3466	'7136421_/_7136418_2'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3467	'51632531_/_51632538'	0	0	0	0.056	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3468	'7136408_/_7136418_1'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3469	'2311828_/_2311825'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3470	'2311964_/_2311961'	0	0	0	0.048	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3471	'39683201_/_7489000'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3472	'44064641_/_44064643'	0	0	0	0.032	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3473	'141786849_/_51068546_1'	0	0	0	0.048	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3474	'43341631_/_3572848'	0	0	0	0.096	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3475	'2331562_/_7134946'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3476	'43135398_/_2363409'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3477	'2338317_/_2338314'	0	0	0	0.056	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3478	'2311977_/_2311974'	0	0	0	0.048	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3479	'7846421_/_7846418'	0	0	0	0.048	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3480	'2335818_/_2335815'	0	0	0	0.056	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3481	'2331563_/_2331560'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3482	'7151761_/_2326679'	0	0	0	0.032	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3483	'2331550_/_7136405'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3484	'2322166_/_2341187'	0	0	0	0.048	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3485	'53396478_/_51632569'	0	0	0	0.056	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3486	'53396454_/_53396482'	0	0	0	0.056	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3487	'53396455_/_53396452'	0	0	0	0.056	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3488	'53396467_/_53396464'	0	0	0	0.056	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3489	'53396491_/_53396488'	0	0	0	0.056	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3490	'445324249_/_445324142_2'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3491	'44067685_/_2328059'	0	0	0	0.048	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3492	'3572863_/_43341633'	0	0	0	0.096	0.07	0	0	No	0 Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SCA021	3493	'2311841_/2311838'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3494	'57827579_/3572913_1'	0	0	0	0.096	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3495	'2311990_/2311987'	0	0	0	0.048	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3496	'2363412_/43135400'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3497	'2338330_/2338327'	0	0	0	0.056	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3498	'424917770_/424917789'	0	0	0	0.056	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3499	'3572916_/3572913_2'	0	0	0	0.096	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3500	'2331576_/2331573'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3501	'43130874_/2338366'	0	0	0	0.056	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3502	'2338369_/2338379_1'	0	0	0	0.056	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3503	'445324237_/2331586_1'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3504	'43341642_/3572861'	0	0	0	0.096	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3505	'104937255_/104937266'	0	0	0	0.056	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3506	'51632562_/53396519'	0	0	0	0.056	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3507	'2331537_/2331547'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3508	'44064652_/7151759'	0	0	0	0.032	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3509	'2326507_/44064630'	0	0	0	0.032	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3510	'7489003_/44095239'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3511	'2363428_/2363425'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3512	'2312003_/2312000'	0	0	0	0.048	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3513	'2338343_/2338340'	0	0	0	0.056	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3514	'7846941_/8479951_1'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3515	'2331589_/2331586_2'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3516	'3572929_/3572926'	0	0	0	0.096	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3517	'2311854_/2311851'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3518	'2327455_/44067687'	0	0	0	0.048	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3519	'2335831_/2335828'	0	0	0	0.056	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3520	'67360148_/67359990_1'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3521	'577141662_/577141628_1'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3522	'3572877_/43341644'	0	0	0	0.096	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3523	'70151289_/70151176_2'	0	0	0	0.048	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3524	'2331524_/2331534'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3525	'2338382_/2338379_2'	0	0	0	0.056	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3526	'7151762_/44064654'	0	0	0	0.032	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3527	'70151321_/70151324'	0	0	0	0.048	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3528	'445324123_/445324142_1'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3529	'2322179_/2322163'	0	0	0	0.048	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3530	'70151395_/70151368_2'	0	0	0	0.048	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3531	'2312016_/2312013'	0	0	0	0.048	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3532	'53396565_/53396572'	0	0	0	0.056	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3533	'577141612_/577141628_2'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3534	'103077923_/103077868'	0	0	0	0.048	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3535	'2322153_/2322176'	0	0	0	0.048	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3536	'43130885_/2338421_1'	0	0	0	0.056	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3537	'8479954_/8479951_2'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3538	'9066512_/9066509'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3539	'43128219_/2352009'	0	0	0	0.032	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3540	'3572942_/3572939'	0	0	0	0.096	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3541	'2312055_/2312026'	0	0	0	0.048	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3542	'2335844_/2335841'	0	0	0	0.056	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3543	'2327456_/2327453'	0	0	0	0.048	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3544	'43341653_/3572887'	0	0	0	0.096	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3545	'2335856_/2336315'	0	0	0	0.056	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3546	'7220381_/9113681_1'	0	0	0	0.048	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3547	'2338356_/2338353'	0	0	0	0.056	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3548	'2340769_/2340766'	0	0	0	0.056	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3549	'2338398_/2338395'	0	0	0	0.056	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3550	'43131592_/2340779'	0	0	0	0.056	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3551	'51632593_/51632600'	0	0	0	0.056	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3552	'70151514_/70151176_1'	0	0	0	0.048	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3553	'2312068_/2312065'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3554	'2331523_/2331521'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3555	'104937290_/104937301'	0	0	0	0.056	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3556	'103077929_/103077889'	0	0	0	0.048	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3557	'2322137_/2322150'	0	0	0	0.048	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3558	'2322929_/2323137'	0	0	0	0.048	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3559	'70151202_/70151368_1'	0	0	0	0.048	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3560	'70151406_/75726062_1'	0	0	0	0.048	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3561	'67359983_/67359990_2'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3562	'2335857_/2335854'	0	0	0	0.056	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3563	'51632621_/51632623'	0	0	0	0.056	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3564	'2335912_/2335909'	0	0	0	0.056	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3565	'102829574_/70151209'	0	0	0	0.048	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3566	'103077935_/103077904'	0	0	0	0.048	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3567	'2338424_/43130887'	0	0	0	0.056	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3568	'3608272_/43341655'	0	0	0	0.096	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3569	'2327469_/2327466'	0	0	0	0.048	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3570	'2322930_/2322927'	0	0	0	0.048	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3571	'2327560_/2327570_1'	0	0	0	0.048	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3572	'3572955_/3572952'	0	0	0	0.096	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3573	'2322124_/2322134'	0	0	0	0.048	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3574	'43131603_/43131594'	0	0	0	0.056	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3575	'2352012_/43128221'	0	0	0	0.032	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3576	'2338411_/2338408'	0	0	0	0.056	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3577	'2352054_/2352064_1'	0	0	0	0.032	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3578	'2345895_/2345908'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3579	'43350734_/3608282'	0	0	0	0.096	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3580	'2335870_/2335867'	0	0	0	0.056	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3581	'2352040_/2352064_2'	0	0	0	0.032	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3582	'2335928_/2335925'	0	0	0	0.056	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3583	'2345924_/2345921'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3584	'90193758_/90193769'	0	0	0	0.056	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3585	'505490142_/505490146'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage
SCA021	3586	'2331511_/2345892'	0	0	0	2.664	0.07	0	0	No	0 Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SCA021	3587	'2327573_/_2327570_2'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3588	'2322108_/_2322121'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3589	'2326519_/_2352025'	0	0	0	0.032	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3590	'2333026_/_2335482'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3591	'102829615_/_102829640'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3592	'67360010_/_67360017'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3593	'43129920_/_2327544'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3594	'3572971_/_3572968'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3595	'484517000_/_2336328'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3596	'2322095_/_2322105'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3597	'3608311_/_43350736'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3598	'2335883_/_2335880'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3599	'8122643_/_8748960_1'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3600	'2322250_/_2322260_1'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3601	'2352041_/_2352038'	0	0	0	0.032	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3602	'2346001_/_2346028'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3603	'2335941_/_2335938'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3604	'2337910_/_2339809'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3605	'2322094_/_43126986'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3606	'9113684_/_9113681_2'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3607	'2326520_/_2326517'	0	0	0	0.032	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3608	'90193785_/_90193794'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3609	'2337936_/_43131605'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3610	'43129931_/_2327583'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3611	'2326572_/_2326569_1'	0	0	0	0.032	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3612	'43128230_/_2326556'	0	0	0	0.032	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3613	'2326559_/_2326598_1'	0	0	0	0.032	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3614	'2336044_/_484517004'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3615	'2326585_/_2326569_2'	0	0	0	0.032	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3616	'2331498_/_2331508'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3617	'43130307_/_2335896'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3618	'3573000_/_3572997'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3619	'102829539_/_102829626'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3620	'2322263_/_2322260_2'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3621	'2333027_/_2333024'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3622	'43129943_/_43129922'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3623	'2326533_/_2326530'	0	0	0	0.032	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3624	'43350767_/_3608321'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3625	'43130296_/_2335951'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3626	'2345936_/_2345999'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3627	'67360033_/_67360040'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3628	'2336357_/_2336354'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3629	'2326601_/_2326598_2'	0	0	0	0.032	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3630	'43130775_/_2337908'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3631	'2335899_/_43130309'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3632	'2326614_/_2326611'	0	0	0	0.032	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3633	'2327586_/_43129933'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3634	'2336045_/_2336042'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3635	'8748963_/_8748960_2'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3636	'2337937_/_2337934'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3637	'2322276_/_2322273'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3638	'75720562_/_102829544'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3639	'43129458_/_2331495'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3640	'2327482_/_2327479'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3641	'3573013_/_3573010'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3642	'43130351_/_2336380'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3643	'75720661_/_75720702'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3644	'75720637_/_75720665'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3645	'75720674_/_75720671'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3646	'75720650_/_75720647'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3647	'75720638_/_75720635'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3648	'2335966_/_2336367'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3649	'2326627_/_2326624'	0	0	0	0.032	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3650	'2326546_/_2326543'	0	0	0	0.032	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3651	'75720599_/_75720719'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3652	'43132237_/_2345934'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3653	'2335954_/_43130298'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3654	'43350756_/_43350769'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3655	'8479214_/_9113697'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3656	'43131625_/_2340834'	0	0	0	0.032	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3657	'2333040_/_2333037'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3658	'3573026_/_3573023'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3659	'2326656_/_2326653'	0	0	0	0.032	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3660	'2337911_/_43130777'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3661	'418073385_/_418073382'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3662	'2322289_/_2322286'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3663	'2336058_/_2336055'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3664	'2335967_/_2335964'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3665	'43130786_/_2337947'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3666	'2331935_/_43129460'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3667	'52004739_/_52004746'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3668	'2327495_/_2327492'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3669	'43128131_/_2326640'	0	0	0	0.032	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3670	'2319661_/_53380717_1'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3671	'2340251_/_2340248'	0	0	0	0.032	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3672	'460783340_/_2326666'	0	0	0	0.032	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3673	'43350745_/_3608334'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3674	'460783494_/_460783401_1'	0	0	0	0.032	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3675	'53380775_/_53380717_2'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3676	'2345937_/_43132239'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3677	'2340837_/_43131627'	0	0	0	0.032	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3678	'2335980_/_2335977'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3679	'2337963_/_2337960'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3680	'52004767_/_52004769'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SCA021	3681	'460783362_/460783401_2'	0	0	0	0.032	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3682	'2326669_/460783342'	0	0	0	0.032	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3683	'2326643_/43128133'	0	0	0	0.032	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3684	'2333053_/2333050'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3685	'2327508_/2327505'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3686	'43128142_/2347654'	0	0	0	0.032	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3687	'2346781_/2346779'	0	0	0	0.032	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3688	'43130362_/2336068'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3689	'2331948_/2331945'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3690	'2337924_/2337973'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3691	'7220089_/8479211'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3692	'467525579_/2364473'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3693	'2335993_/2335990'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3694	'3583495_/43350747'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3695	'2326254_/2346792'	0	0	0	0.032	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3696	'2347657_/43128144'	0	0	0	0.032	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3697	'412712871_/412712875'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3698	'2326753_/2326750'	0	0	0	0.032	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3699	'8479262_/8479259'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3700	'43135635_/467525583'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3701	'43341752_/3583493'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3702	'2364462_/2364460_1'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3703	'2333066_/2333063'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3704	'2336006_/2336003'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3705	'2337923_/2337921'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3706	'2331961_/2331958'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3707	'2336084_/2336081'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3708	'2327521_/2327518'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3709	'416582789_/416582793'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3710	'2326253_/2326251'	0	0	0	0.032	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3711	'75720743_/412713021'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3712	'3573201_/43341754'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3713	'2336019_/2336016'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3714	'2351230_/2364460_2'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3715	'2351231_/2351215_2'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3716	'2333079_/2333076'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3717	'2331974_/2331971'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3718	'2351257_/2351254'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3719	'43131855_/43131857'	0	0	0	0.032	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3720	'2354903_/2354913'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3721	'43341741_/43341743'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3722	'43130054_/2327531'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3723	'2336097_/2336094'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3724	'416582825_/416582844'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3725	'43130340_/2336029'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3726	'2333095_/2333092'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3727	'2354902_/2354900'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3728	'43135332_/2363185'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3729	'2337988_/2351215_1'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3730	'2326241_/2341346'	0	0	0	0.032	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3731	'2331987_/2331984'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3732	'43341730_/43341732'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3733	'2351270_/2351267'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3734	'2336032_/43130342'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3735	'2345949_/2363172'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3736	'2336110_/2336107'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3737	'416582864_/416582898'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3738	'2333108_/2333105'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3739	'2332000_/2331997'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3740	'2327845_/43130056'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3741	'2326228_/2326238'	0	0	0	0.032	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3742	'2337989_/2337986'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3743	'3591038_/3591036'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3744	'2326163_/2326225'	0	0	0	0.032	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3745	'2332013_/43129559'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3746	'2338001_/43130799'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3747	'2345950_/2345947'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3748	'2326176_/2326186_1'	0	0	0	0.032	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3749	'157793662_/2326160_2'	0	0	0	0.032	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3750	'43133700_/2354926'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3751	'2326150_/2326160_1'	0	0	0	0.032	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3752	'89800633_/89800604'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3753	'9113651_/9113649_1'	0	0	0	0.032	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3754	'3591081_/43347755'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3755	'89800661_/89800637'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3756	'2326189_/2326186_2'	0	0	0	0.032	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3757	'44824183_/2346468'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3758	'3582459_/3591049'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3759	'7220088_/7220086'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3760	'2327858_/2327855'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3761	'2326137_/2326147'	0	0	0	0.032	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3762	'2338106_/2338103'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3763	'89800693_/89800664'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3764	'2326202_/2326199'	0	0	0	0.032	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3765	'2340212_/2354939'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3766	'9113652_/9113649_2'	0	0	0	0.032	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3767	'2338171_/2338168'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3768	'43130175_/2333118'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3769	'2326267_/2326264'	0	0	0	0.032	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3770	'43128120_/2326134'	0	0	0	0.032	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3771	'3582443_/3582456'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3772	'89800831_/89800697'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3773	'57827659_/3582469_1'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3774	'380026048_/3582469_2'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SCA021	3775	'2346730_/_2346727_1'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3776	'2319700_/_2346727_2'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3777	'2327871_/_2327868'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3778	'43128164_/_2326212'	0	0	0	0.032	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3779	'2336136_/_89800878'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3780	'2338119_/_2338116'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3781	'43130863_/_2340209'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3782	'3573188_/_3582440'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3783	'3571778_/_43341721_2_2'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3784	'2326123_/_2326121'	0	0	0	0.032	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3785	'43128153_/_2326277'	0	0	0	0.032	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3786	'2340808_/_2340805'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3787	'2319674_/_2327933'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3788	'9113972_/_9427054_1'	0	0	0	0.032	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3789	'3582472_/_380026052'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3790	'156736899_/_2327946_1'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3791	'2319701_/_2319698'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3792	'7846133_/_8169701'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3793	'43341719_/_43341721_1'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3794	'43128175_/_43128166'	0	0	0	0.032	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3795	'3573175_/_3573185'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3796	'2326293_/_43128177'	0	0	0	0.032	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3797	'43135354_/_2363227'	0	0	0	0.032	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3798	'2327949_/_2327946_2'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3799	'2338132_/_2338129'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3800	'2326280_/_43128155'	0	0	0	0.032	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3801	'2338290_/_2338288'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3802	'51043276_/_2340821'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3803	'89800736_/_2336146'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3804	'51043312_/_51043274_1'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3805	'2327884_/_2327881'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3806	'43128186_/_2326303'	0	0	0	0.032	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3807	'3573162_/_3573172'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3808	'9427057_/_9427054_2'	0	0	0	0.032	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3809	'2362819_/_2363240'	0	0	0	0.032	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3810	'43130186_/_2319711'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3811	'2326306_/_43128188'	0	0	0	0.032	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3812	'43341697_/_3571762'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3813	'2327962_/_2327959'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3814	'43135254_/_2362832'	0	0	0	0.032	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3815	'2338183_/_51043093'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3816	'2338210_/_2338223_1'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3817	'2338093_/_2338142'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3818	'51043267_/_51043274_2'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3819	'2362835_/_43135256'	0	0	0	0.032	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3820	'2351421_/_2351419'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3821	'3573146_/_3573159'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3822	'118859253_/_2338236_1'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3823	'2327897_/_2327894'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3824	'3573117_/_3573130'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3825	'2326053_/_2362816'	0	0	0	0.032	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3826	'346921761_/_2338236_2'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3827	'9113923_/_9113921_1'	0	0	0	0.032	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3828	'43130373_/_2336341'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3829	'7536075_/_8795834_1'	0	0	0	0.032	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3830	'2338080_/_2338090'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3831	'2338239_/_2338236_3'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3832	'2338015_/_2338223_2'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3833	'2327696_/_2327972'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3834	'3573104_/_3573114'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3835	'7846132_/_7846130'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3836	'156287408_/_156287405'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3837	'3573145_/_3573143'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3838	'2338067_/_2338077'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3839	'2326040_/_2326050'	0	0	0	0.032	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3840	'2338184_/_2338181'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3841	'2338158_/_2338155'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3842	'37613060_/_8479339'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3843	'37613067_/_37613064'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3844	'37613095_/_37613099'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3845	'37613109_/_37613113'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3846	'37613074_/_37613078'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3847	'43341686_/_43341688'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3848	'2319727_/_43130188'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3849	'2327910_/_2327907'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3850	'43341785_/_3573399'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3851	'156287482_/_156287479'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3852	'2319824_/_43130386'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3853	'2338278_/_2363611'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3854	'109901281_/_109901292'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3855	'2338014_/_43130810'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3856	'43130032_/_2327693'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3857	'3573318_/_3573315'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3858	'2326108_/_2326105'	0	0	0	0.032	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3859	'3573078_/_3573088'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3860	'8479438_/_8479435'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3861	'2326027_/_2326037'	0	0	0	0.032	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3862	'2327923_/_2327920'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3863	'43130197_/_2319737'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3864	'8795868_/_9113665_2'	0	0	0	0.032	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3865	'2338054_/_2338064'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3866	'578321619_/_578321623'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3867	'2338028_/_2338051'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3868	'2333369_/_2339848'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SCA021	3869	'43128076_/2326092'	0	0	0	0.032	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3870	'578321720_/578321667_1'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3871	'8795837_/8795834_2'	0	0	0	0.032	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3872	'9113924_/9113921_2'	0	0	0	0.032	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3873	'3573252_/3573386'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3874	'2327682_/2327680'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3875	'2341388_/2341385'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3876	'3573373_/43341710'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3877	'2326095_/43128078'	0	0	0	0.032	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3878	'43341675_/3573075'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3879	'578321651_/578321667_2'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3880	'2338265_/2338275'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3881	'86750258_/86750267'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3882	'43130021_/2340925'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3883	'2338027_/2338025'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3884	'7220280_/7220278'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3885	'86750320_/86750317'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3886	'3573253_/3573250'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3887	'86750368_/86750352_1'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3888	'3573331_/3573328'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3889	'124886710_/9113665_1'	0	0	0	0.032	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3890	'2326013_/2326024'	0	0	0	0.032	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3891	'2328197_/2335495'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3892	'2333134_/2333131'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3893	'2333370_/2333367'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3894	'3573052_/3573062'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3895	'124886751_/124886762'	0	0	0	0.032	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3896	'86750341_/86750352_2'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3897	'649836187_/649836122_1'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3898	'2326066_/2326063'	0	0	0	0.032	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3899	'43130009_/43130011'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3900	'3573344_/3573341'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3901	'2338196_/2341372'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3902	'2339863_/2339861'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3903	'7133672_/3573263'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3904	'2325962_/2325998'	0	0	0	0.032	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3905	'2338252_/2338262'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3906	'2333422_/2333419'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3907	'267598473_/267598482'	0	0	0	0.032	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3908	'2325961_/2325959_2'	0	0	0	0.032	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3909	'43341664_/3573049'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3910	'43128098_/2325959_1'	0	0	0	0.032	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3911	'57827669_/7133670'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3912	'59154273_/8440734_2'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3913	'2327654_/2327664'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3914	'2326079_/43128089'	0	0	0	0.032	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3915	'2333383_/2333380'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3916	'2341690_/43131008'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3917	'156757447_/2327651_2'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3918	'3573279_/3573276'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3919	'3573357_/3573354'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3920	'2328198_/2328195'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3921	'2351363_/2351390'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3922	'2327764_/2327761'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3923	'156757454_/2327745_2'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3924	'2327777_/2327787_1'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3925	'2325987_/2325985'	0	0	0	0.032	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3926	'2351364_/2351361'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3927	'3575457_/3580464'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3928	'452650287_/9427474_1'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3929	'452650293_/452650245_1'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3930	'43130852_/43130854'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3931	'2338197_/2338194'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3932	'2327790_/2327787_2'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3933	'52116280_/8440734_1'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3934	'520751772_/2346426'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3935	'520751863_/520751822_1'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3936	'3573292_/3573289'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3937	'43129976_/2327745_1'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3938	'2325433_/2335077'	0	0	0	0.032	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3939	'2327653_/2327651_1'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3940	'452650300_/452650245_2'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3941	'9427477_/9427474_2'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3942	'2325832_/2325972'	0	0	0	0.032	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3943	'2346429_/520751776'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3944	'513922346_/513922343'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3945	'9427301_/9427314_1'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3946	'58841697_/2325816_2'	0	0	0	0.032	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3947	'649836106_/649836122_2'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3948	'8169687_/8169685'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3949	'53009660_/2325842_1'	0	0	0	0.032	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3950	'2333396_/2333393'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3951	'2327803_/2327800'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3952	'43342662_/3575455'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3953	'2327722_/2327732'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3954	'2325845_/2325842_2'	0	0	0	0.032	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3955	'2320442_/2320440'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3956	'2333146_/2351377'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3957	'2328211_/2328208'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3958	'3575445_/3583988'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3959	'2333438_/2333435'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3960	'381787492_/357764306_1'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3961	'2325806_/2325816_1'	0	0	0	0.032	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3962	'52359455_/52359433'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SCA021	3963	'43129987_/_2327816'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3964	'2327819_/_43129989'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3965	'43129965_/_43129967'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3966	'2325420_/_2325430'	0	0	0	0.032	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3967	'43129998_/_43130000'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3968	'3573305_/_3573302'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3969	'2325858_/_2325855'	0	0	0	0.032	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3970	'51506662_/_52116284'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3971	'3575458_/_43342664'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3972	'2346332_/_2346342'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3973	'43130087_/_2327829'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3974	'2325805_/_2325803'	0	0	0	0.032	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3975	'7266560_/_357764306_2'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3976	'2346358_/_2346355'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3977	'43342673_/_3575442'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3978	'43132359_/_2346442'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3979	'2333454_/_2333451'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3980	'2333409_/_2333406'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3981	'2327641_/_2328091'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3982	'51506696_/_51506722'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3983	'2328078_/_2363441_1'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3984	'43130208_/_2333144'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3985	'7846357_/_9427138_1'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3986	'2325419_/_2325417'	0	0	0	0.032	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3987	'2312185_/_2327706'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3988	'520751806_/_520751822_2'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3989	'8169656_/_9427218'	0	0	0	0.032	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3990	'2328224_/_2328221'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3991	'2325870_/_2325933'	0	0	0	0.032	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3992	'2346371_/_2346368'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3993	'3573415_/_3573412'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3994	'3573952_/_3573949'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3995	'51506631_/_51506703'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3996	'56956557_/_56956554'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3997	'43127922_/_2335064'	0	0	0	0.032	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3998	'124814552_/_124814422_2'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	3999	'56956614_/_56956594_1'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4000	'2327832_/_43130089'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4001	'3575432_/_3583975'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4002	'43131581_/_43131583'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4003	'2312172_/_2312182'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4004	'37613339_/_9427314_2'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4005	'37613304_/_37613337'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4006	'37613298_/_37613302'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4007	'37613291_/_37613295'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4008	'37613312_/_37613316'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4009	'37613326_/_37613330'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4010	'2327628_/_2327638'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4011	'43135409_/_2363441_2'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4012	'45021006_/_2346381'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4013	'43127878_/_2325443'	0	0	0	0.032	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4014	'55229474_/_2325404_2'	0	0	0	0.032	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4015	'43135376_/_2363324'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4016	'2340691_/_2340688'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4017	'56956587_/_56956594_2'	0	0	0	2.664	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4018	'43127911_/_43127913'	0	0	0	0.032	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4019	'2346445_/_43132361'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4020	'3575419_/_3575429'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4021	'2328237_/_2328234'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4022	'2312171_/_2312169'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4023	'2328276_/_2328289_1'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4024	'8169655_/_8169653'	0	0	0	0.032	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4025	'55229475_/_55229453'	0	0	0	0.032	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4026	'3576057_/_3580490'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4027	'7266657_/_122133013'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4028	'2328292_/_2328289_2'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4029	'54127652_/_2340714_1'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4030	'54127631_/_2340714_2'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4031	'7220200_/_7220198_1'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4032	'2363444_/_43135411'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4033	'43130043_/_2340290'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4034	'586391672_/_3576080_2'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4035	'2338687_/_2340753'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4036	'43342684_/_3575416'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4037	'54127716_/_54127688'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4038	'54127845_/_54127746_1'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4039	'2338699_/_2339028_1'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4040	'2325394_/_2325404_1'	0	0	0	0.032	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4041	'34589506_/_51506635'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4042	'2363327_/_43135378'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4043	'2338700_/_2339028_2'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4044	'43129909_/_43129911'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4045	'2327612_/_2327625'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4046	'2338674_/_2338684'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4047	'3575393_/_3575403'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4048	'2328250_/_2328247'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4049	'43127900_/_2325469'	0	0	0	0.032	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4050	'2338716_/_2338713'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4051	'3575513_/_3576080_1'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4052	'3575497_/_3576054'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4053	'2340293_/_43130045'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4054	'43129898_/_2319646'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4055	'7220201_/_7220198_2'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4056	'9427141_/_9427138_2'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SCA021	4057	'3575380_/_3575390'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4058	'2328305_/_2328302'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4059	'37613367_/_7220538'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4060	'37613361_/_37613365'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4061	'37613375_/_37613379'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4062	'37613389_/_37613393'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4063	'37613354_/_37613358'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4064	'2320184_/_2320198'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4065	'2338729_/_2338726'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4066	'124814404_/_124814422_1'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4067	'43342695_/_43342697'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4068	'2325381_/_2325391'	0	0	0	0.032	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4069	'43129887_/_2319633'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4070	'569026525_/_569026441_1'	0	0	0	0.032	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4071	'2338661_/_2338671'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4072	'43127889_/_43127902'	0	0	0	0.032	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4073	'54127739_/_54127746_2'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4074	'2327611_/_2327609'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4075	'2338742_/_2338739'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4076	'3575483_/_3575494'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4077	'2328263_/_2328260'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4078	'3583952_/_3583962'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4079	'67330320_/_3580503_1'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4080	'3575512_/_3575510'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4081	'418359333_/_3575523'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4082	'43342762_/_418359361'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4083	'38165131_/_44082260'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4084	'43341873_/_3580503_2'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4085	'2320185_/_2320182'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4086	'2328318_/_43130155'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4087	'43127933_/_2319452'	0	0	0	0.032	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4088	'3575367_/_3583949'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4089	'2319455_/_8479115_2'	0	0	0	0.032	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4090	'2312146_/_2312156'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4091	'2325380_/_2325378'	0	0	0	0.032	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4092	'64896578_/_64896583'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4093	'2338648_/_2338658'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4094	'54127785_/_54127792'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4095	'3575354_/_3575364'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4096	'44089164_/_44089161'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4097	'2335459_/_2362917'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4098	'2340703_/_2340727'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4099	'2312133_/_2312143'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4100	'3575538_/_43342764'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4101	'2328331_/_2328328'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4102	'44075546_/_43341875'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4103	'2312080_/_2312130'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4104	'7581401_/_243717617'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4105	'7846521_/_7846518'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4106	'7846149_/_7846146_2'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4107	'2325368_/_2325579'	0	0	0	0.032	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4108	'8169640_/_569026441_2'	0	0	0	0.032	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4109	'43342706_/_3575351'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4110	'2338635_/_2338645'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4111	'8479118_/_8479115_1'	0	0	0	0.032	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4112	'2338755_/_2338765_1'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4113	'2312081_/_2312078'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4114	'2328185_/_2335456'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4115	'3575539_/_3575536'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4116	'43131570_/_2340701'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4117	'44075557_/_3573612'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4118	'2364943_/_2364940'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4119	'416849819_/_3575549'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4120	'7846148_/_7846146_1'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4121	'2312094_/_2312091'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4122	'54127808_/_54127815'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4123	'3593106_/_3593090'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4124	'416850101_/_416849942_1'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4125	'43129854_/_2312117'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4126	'7809855_/_8761948'	0	0	0	0.032	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4127	'2338768_/_2338765_2'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4128	'2325355_/_2325365'	0	0	0	0.032	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4129	'2338622_/_2338632'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4130	'43129865_/_2312104'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4131	'7581464_/_357764376'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4132	'7802213_/_3573625_1'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4133	'7802214_/_9695812_1'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4134	'44062707_/_3573625_2'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4135	'3575552_/_416849821'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4136	'69429206_/_43131572_1'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4137	'2340237_/_43131572_2'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4138	'69429190_/_2340235_1'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4139	'2312120_/_43129856'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4140	'43129876_/_2319617'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4141	'2325342_/_2325352'	0	0	0	0.032	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4142	'7535879_/_65361351_1'	0	0	0	0.032	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4143	'8479229_/_8479227'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4144	'8169735_/_8169733_1'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4145	'8170331_/_8170329_2'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4146	'7535798_/_7535796_1'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4147	'2365036_/_2365047'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4148	'156736073_/_2365060_1'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4149	'2328172_/_2328182'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4150	'156721993_/_2365034_1'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SCA021	4151	'43347436_/3593103'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4152	'7535766_/7535764_1'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4153	'9695815_/9695812_2'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4154	'43130951_/2338781'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4155	'2325329_/2325339'	0	0	0	0.032	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4156	'2338609_/2338619'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4157	'7220009_/7220006_2'	0	0	0	0.032	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4158	'7172170_/3573641'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4159	'2325316_/2325326'	0	0	0	0.032	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4160	'43342717_/3593077'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4161	'2364994_/2365060_2'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4162	'3575565_/3575562'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4163	'2328159_/2328169'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4164	'44075484_/7172168'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4165	'7220121_/9113713'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4166	'43131457_/2340235_2'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4167	'7172171_/44075486'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4168	'567625467_/416849942_2'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4169	'2364955_/2365034_2'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4170	'43130940_/43130942'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4171	'2338784_/43130953'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4172	'65361345_/65361351_2'	0	0	0	0.032	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4173	'7846017_/7846014'	0	0	0	0.032	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4174	'479158882_/479158850'	0	0	0	0.032	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4175	'2325303_/2325313'	0	0	0	0.032	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4176	'44075666_/3573654'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4177	'7220008_/7220006_1'	0	0	0	0.032	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4178	'7535767_/7535764_2'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4179	'479158906_/479158903'	0	0	0	0.032	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4180	'3564791_/3564789'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4181	'2364995_/2364992'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4182	'2328146_/2328156'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4183	'3575578_/3575575'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4184	'2333246_/2340222'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4185	'8169736_/8169733_2'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4186	'7220120_/7220118'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4187	'43132337_/43132339'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4188	'8170332_/8170329_1'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4189	'7900489_/246838962'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4190	'2364956_/2364953'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4191	'2325290_/2325300'	0	0	0	0.032	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4192	'43342751_/43342753'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4193	'43341884_/44075668'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4194	'2365008_/2365005'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4195	'37613018_/8169765'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4196	'37613011_/37613022'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4197	'37613046_/37613050'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4198	'37613004_/37613008'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4199	'37613032_/37613036'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4200	'59755312_/59755309'	0	0	0	0.032	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4201	'3575591_/3575588'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4202	'2365024_/2365021'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4203	'59755380_/59755341_1'	0	0	0	0.032	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4204	'8480057_/8480055_1'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4205	'2346293_/2346303'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4206	'8479969_/8479967'	0	0	0	0.032	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4207	'7536463_/8796502'	0	0	0	0.032	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4208	'7536462_/7536460'	0	0	0	0.032	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4209	'567625511_/567625542'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4210	'2333247_/2333244'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4211	'7220429_/7846162_1'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4212	'43342740_/3572002'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4213	'7846973_/8796486'	0	0	0	0.032	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4214	'2328133_/2328143'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4215	'3573673_/3573670'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4216	'2333299_/2333296'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4217	'2325289_/2325287'	0	0	0	0.032	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4218	'7535830_/7535828'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4219	'8480058_/8480055_2'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4220	'2364969_/2364966'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4221	'59755334_/59755341_2'	0	0	0	0.032	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4222	'2338583_/2346290'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4223	'37613466_/7846970'	0	0	0	0.032	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4224	'37613473_/37613470'	0	0	0	0.032	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4225	'37613494_/37613498'	0	0	0	0.032	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4226	'37613508_/37613512'	0	0	0	0.032	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4227	'37613480_/37613484'	0	0	0	0.032	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4228	'7535799_/7535796_2'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4229	'616477415_/616477382_1'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4230	'3575604_/61788376'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4231	'3572020_/3572018'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4232	'2333312_/2333309'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4233	'2328120_/2328130'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4234	'9160151_/347500405'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4235	'2333260_/2333257'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4236	'3573685_/3573725'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4237	'2338570_/2338580'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4238	'3573712_/519623479'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4239	'3575617_/3575614'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4240	'7846245_/7846242'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4241	'497592315_/43130931_1'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4242	'438744655_/3575808_1'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4243	'2325754_/2334996'	0	0	0	0.032	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4244	'2328438_/2364979'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SCA021	4245	'7846165_/_7846162_2'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4246	'7220104_/_8795818'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4247	'2333272_/_2333351'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4248	'2333341_/_2333338'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4249	'567625435_/_567625528'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4250	'3575630_/_3575627'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4251	'61786691_/_61786670'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4252	'3575811_/_3575808_2'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4253	'43130098_/_43130100'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4254	'154856674_/_152231378'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4255	'43341895_/_3573683'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4256	'8217007_/_152231388'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4257	'616477366_/_616477382_2'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4258	'43127999_/_2325764'	0	0	0	0.032	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4259	'2319946_/_43130931_2'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4260	'61786720_/_61786694'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4261	'2325738_/_2325751'	0	0	0	0.032	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4262	'43342773_/_3575640'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4263	'2338557_/_2338567'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4264	'67965690_/_2333325'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4265	'3575863_/_3575860'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4266	'43130164_/_43130166'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4267	'7846909_/_7846906'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4268	'2328119_/_2328117'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4269	'2333273_/_2333270'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4270	'2325767_/_43128001'	0	0	0	0.032	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4271	'43341973_/_43341897'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4272	'7220105_/_7220102'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4273	'43342784_/_3571882'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4274	'500566113_/_61786750'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4275	'9427557_/_9427554'	0	0	0	0.032	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4276	'2325725_/_2325735'	0	0	0	0.032	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4277	'7266722_/_357764413'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4278	'61786776_/_500566117'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4279	'2345200_/_2345197'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4280	'2325724_/_2325722'	0	0	0	0.032	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4281	'61787203_/_61787206'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4282	'3573699_/_3573696'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4283	'2328422_/_2328435'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4284	'52872167_/_52872136_1'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4285	'2338544_/_2338554'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4286	'69428392_/_7846714'	0	0	0	0.032	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4287	'2354234_/_2354231_2'	0	0	0	0.032	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4288	'2333286_/_2333283'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4289	'69428411_/_2354163_2'	0	0	0	0.032	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4290	'2354260_/_2354257'	0	0	0	0.032	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4291	'9061706_/_9061703'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4292	'7846733_/_8796554_1'	0	0	0	0.032	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4293	'61786799_/_61786778'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4294	'416849884_/_567625441'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4295	'416849859_/_416849881'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4296	'416849876_/_416849873'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4297	'416849868_/_416849865'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4298	'416849860_/_416849857'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4299	'2345216_/_2345213'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4300	'52872129_/_52872136_2'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4301	'37687070_/_357764458'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4302	'37687035_/_37687074'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4303	'37687028_/_37687032'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4304	'37687042_/_37687046'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4305	'37687056_/_37687060'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4306	'61787175_/_61787178'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4307	'2346677_/_2346675'	0	0	0	0.032	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4308	'2354192_/_2354231_1'	0	0	0	0.032	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4309	'3573741_/_3573738'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4310	'2334985_/_2334983'	0	0	0	0.032	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4311	'3573900_/_63887401'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4312	'7900554_/_61786827_2'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4313	'2354149_/_2354163_1'	0	0	0	0.032	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4314	'3575947_/_61786802'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4315	'2338543_/_2338541_2'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4316	'319339507_/_319339186_1'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4317	'2328396_/_2328419'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4318	'2334085_/_2340964'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4319	'43130907_/_2338541_1'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4320	'61787147_/_61787150'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4321	'2328451_/_2323752_1'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4322	'89655312_/_89655292_1'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4323	'3573754_/_3573751'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4324	'49483326_/_2320263_2'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4325	'8796557_/_8796554_2'	0	0	0	0.032	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4326	'61788428_/_61786827_1'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4327	'410403691_/_410403710'	0	0	0	0.032	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4328	'9160350_/_152231410'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4329	'43133689_/_43133691'	0	0	0	0.032	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4330	'2332755_/_2332752_2'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4331	'416849970_/_416849989'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4332	'2354137_/_2354134'	0	0	0	0.032	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4333	'2338502_/_2339041'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4334	'2346665_/_2346662'	0	0	0	0.032	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4335	'416850020_/_416850039'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4336	'3575946_/_3575944'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4337	'43132089_/_2354147'	0	0	0	0.032	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4338	'2346704_/_2346714_1'	0	0	0	0.032	0.07	0	0 No	0	Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SCA021	4339	'2325594_/2352187'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4340	'61787123_/61787126'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4341	'3573913_/3573910'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4342	'319339189_/319339186_2'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4343	'571406463_/571406467'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4344	'2320266_/2320263_1'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4345	'89655295_/89655292_2'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4346	'3573819_/3573816'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4347	'3573767_/3573764'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4348	'44807305_/2354176'	0	0	0	0.032	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4349	'43127977_/2346714_2'	0	0	0	0.032	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4350	'3573805_/3573936'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4351	'8843629_/9472030'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4352	'2364515_/2364512'	0	0	0	0.032	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4353	'9160334_/152797428'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4354	'61787228_/61787102'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4355	'3575823_/3576012'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4356	'40369763_/50263831'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4357	'61788304_/61787672_2'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4358	'2354150_/43132091'	0	0	0	0.032	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4359	'2328383_/2328393'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4360	'319339203_/319339200'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4361	'61787266_/8844431_3'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4362	'2325595_/2325592'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4363	'89655425_/89655422'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4364	'2332768_/2332765'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4365	'92156044_/89655457_1'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4366	'2338797_/2338794'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4367	'61788305_/61787422'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4368	'3581055_/3581052'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4369	'2364528_/2364525'	0	0	0	0.032	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4370	'69428542_/8844431_2'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4371	'3573779_/3573790'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4372	'571406535_/571406565'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4373	'2338489_/2338499'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4374	'61787865_/61787672_1'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4375	'61788229_/61787868_2'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4376	'2319932_/2319930_1'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4377	'2325699_/43127979'	0	0	0	0.032	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4378	'43341906_/3573803'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4379	'3583030_/3583027'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4380	'43346382_/3583269'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4381	'319339217_/319339214'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4382	'61787889_/61787868_1'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4383	'3573780_/3573777'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4384	'61788219_/61787892_2'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4385	'2325608_/2325605'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4386	'2325712_/2325709'	0	0	0	0.032	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4387	'2328382_/2328380'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4388	'571406493_/571406551'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4389	'2332781_/2332778'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4390	'2338810_/2338807'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4391	'3573806_/43341908'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4392	'89655446_/89655457_2'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4393	'43135657_/2364567'	0	0	0	0.032	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4394	'2338476_/2338486'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4395	'3575879_/3575876'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4396	'43130918_/2319930_2'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4397	'7581236_/8843627'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4398	'8217643_/8844431_1'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4399	'43341928_/43346384'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4400	'43132348_/2346410'	0	0	0	0.032	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4401	'61787913_/61787892_1'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4402	'43342960_/319339228'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4403	'8525635_/357764487'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4404	'2325621_/2325618'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4405	'2332794_/2332791'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4406	'3573832_/3573829'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4407	'2338823_/2338820'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4408	'2338463_/2338473'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4409	'61787937_/61787916'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4410	'43127988_/43132350'	0	0	0	0.032	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4411	'2319933_/43130920'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4412	'55955136_/2338512_1'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4413	'43130109_/43130111'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4414	'61787961_/61787940'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4415	'2338515_/2338512_2'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4416	'43128010_/43127990'	0	0	0	0.032	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4417	'43341939_/3573842'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4418	'2364543_/43135659'	0	0	0	0.032	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4419	'43342971_/3571921'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4420	'7582450_/8217640'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4421	'7582451_/7582448'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4422	'2325634_/2325631'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4423	'61787985_/61787964'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4424	'8525636_/122133050'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4425	'61788205_/61787988_2'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4426	'2338450_/2338460'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4427	'2364333_/43128012'	0	0	0	0.032	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4428	'3573861_/43341941'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4429	'38142849_/50344259'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4430	'7535686_/7535684_1'	0	0	0	0.032	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4431	'2364557_/2364554'	0	0	0	0.032	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4432	'156399005_/156399011'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SCA021	4433	'9473073_/_9473070'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4434	'156399097_/_156399115'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4435	'156399051_/_156399129'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4436	'2338836_/_2338833'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4437	'43341862_/_7070925'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4438	'2364346_/_2364343'	0	0	0	0.032	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4439	'43342927_/_3575918'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4440	'2363678_/_2364541'	0	0	0	0.032	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4441	'43351215_/_3610371'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4442	'2328357_/_2328367'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4443	'3573874_/_3573871'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4444	'61788009_/_61787988_1'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4445	'61788188_/_61788012_1'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4446	'7535687_/_7535684_2'	0	0	0	0.032	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4447	'3575933_/_43342929'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4448	'2325647_/_2325644'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4449	'3575908_/_3575905'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4450	'7581237_/_7581234'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4451	'61788199_/_61788152'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4452	'7070928_/_43341864'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4453	'2338437_/_2338447'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4454	'43351153_/_43351217'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4455	'43342938_/_3575931'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4456	'43341950_/_3573884'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4457	'2363640_/_2363676'	0	0	0	0.032	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4458	'2338849_/_2338846'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4459	'61788015_/_61788012_2'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4460	'2328343_/_2328354'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4461	'3575934_/_43342940'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4462	'2325660_/_2325657'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4463	'2363639_/_2363637'	0	0	0	0.032	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4464	'3609819_/_3609816'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4465	'8169848_/_8795718_1'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4466	'3573887_/_43341952'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4467	'43130896_/_43130898'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4468	'7846033_/_7846030'	0	0	0	0.032	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4469	'61788282_/_61788279'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4470	'2363653_/_2363650'	0	0	0	0.032	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4471	'2328344_/_2328341'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4472	'2338862_/_2338859'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4473	'2338914_/_2338924_1'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4474	'2338927_/_2338924_2'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4475	'2325539_/_2325670'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4476	'43341829_/_43341831'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4477	'43135466_/_2363689'	0	0	0	0.032	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4478	'7266511_/_8216480'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4479	'2325540_/_2325537'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4480	'2332806_/_2332804'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4481	'2338875_/_2338872'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4482	'2363707_/_2363721'	0	0	0	0.032	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4483	'66234663_/_3573975'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4484	'515702610_/_9113633'	0	0	0	0.032	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4485	'2338940_/_2338937'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4486	'8795721_/_8795718_2'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4487	'2325686_/_2325683'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4488	'515702529_/_515702577'	0	0	0	0.032	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4489	'2325553_/_2325550'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4490	'43130120_/_2332817'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4491	'66234779_/_3573483'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4492	'75218692_/_153851892_1'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4493	'515702624_/_515702545'	0	0	0	0.032	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4494	'454075370_/_515702700_1'	0	0	0	0.032	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4495	'7266512_/_7266509'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4496	'2338888_/_2338885'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4497	'2332833_/_2332830'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4498	'2325566_/_2325563'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4499	'2338953_/_2338950'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4500	'43127757_/_2334944'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4501	'66234689_/_66234782'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4502	'75218649_/_75218623_2'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4503	'2339005_/_2339002'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4504	'2332849_/_2332846'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4505	'2324930_/_43127759'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4506	'2338901_/_2338898'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4507	'7900378_/_7900375'	0	0	0	0.096	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4508	'2339018_/_2339015'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4509	'43131028_/_43131030'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4510	'2325264_/_2325261'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4511	'3573454_/_66234692'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4512	'2339954_/_9113761_1'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4513	'2338966_/_2338963'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4514	'3573556_/_3573554_2'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4515	'66234811_/_3573554_1'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4516	'43341818_/_43341820'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4517	'43131039_/_43131041'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4518	'2339941_/_8479275_2'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4519	'2332862_/_2332859'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4520	'3573570_/_3573567'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4521	'69428772_/_2354270'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4522	'2324942_/_2325274'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4523	'3573441_/_3573451'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4524	'55955126_/_3573512_1'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4525	'2338979_/_2338976'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4526	'9113764_/_9113761_2'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SCA021	4527	'3573583_/_43341842'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4528	'3573515_/_3573512_2'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4529	'454342783_/_3573525'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4530	'2332875_/_2332872'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4531	'43127768_/_2324940'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4532	'3573428_/_3573438'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4533	'3573528_/_454342791'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4534	'2338992_/_2338989'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4535	'75218577_/_75218623_1'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4536	'3573427_/_3573425'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4537	'2332888_/_2332885'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4538	'43127779_/_43127770'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4539	'2335749_/_7070909'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4540	'8479278_/_8479275_1'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4541	'43341851_/_3573496'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4542	'43127790_/_43127781'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4543	'8750363_/_9694436_1'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4544	'69428495_/_43127792'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4545	'2332901_/_2332898'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4546	'3580773_/_3580783'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4547	'7148872_/_7148870'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4548	'2335750_/_2335747'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4549	'3573499_/_43341853'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4550	'2324985_/_2324982'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4551	'2333011_/_2333008'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4552	'3580772_/_3580770'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4553	'9694439_/_9694436_2'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4554	'2325001_/_2324998'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4555	'2335763_/_2335760'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4556	'454342841_/_2335776'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4557	'43130274_/_454342849'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4558	'2335779_/_43130276'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4559	'43341763_/_3580796'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4560	'43127801_/_2325011'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4561	'153851886_/_153851892_2'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4562	'3573038_/_43341765'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4563	'2321179_/_2340346'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4564	'55955116_/_3573036_1'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4565	'339470660_/_43126768_2'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4566	'2325027_/_43127803'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4567	'7220297_/_7845998_1'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4568	'2321212_/_2321209'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4569	'3573039_/_3573036_2'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4570	'75527447_/_75218574'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4571	'43126777_/_2321222'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4572	'2339228_/_2339913'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4573	'2321180_/_43126768_1'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4574	'153851987_/_153852947'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4575	'7846001_/_7845998_2'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4576	'2321225_/_43126779'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4577	'68356192_/_3580744'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4578	'75527236_/_75527454'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4579	'2339229_/_2339226'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4580	'68356217_/_43341809_1'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4581	'68356210_/_43341809_2'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4582	'2321060_/_2321193'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4583	'156722031_/_2321057_2'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4584	'153851937_/_153852961'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4585	'2325039_/_2339900'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4586	'75527212_/_75527219'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4587	'43133437_/_2351309'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4588	'75218865_/_75527243_1'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4589	'2321047_/_2321057_1'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4590	'2321073_/_2321070'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4591	'43127812_/_2325037'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4592	'2351312_/_43133439'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4593	'2321086_/_2321083'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4594	'2321034_/_2321044'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4595	'73909041_/_2321109_1'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4596	'2325053_/_43127814'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4597	'2321112_/_2321109_2'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4598	'2321099_/_2321096'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4599	'73909062_/_2321151_1'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4600	'2320966_/_2321031'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4601	'43126744_/_2321125'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4602	'73908953_/_2320989_1'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4603	'73908939_/_2320976_1'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4604	'43127823_/_2325063'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4605	'2321154_/_2321151_2'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4606	'2320992_/_2320989_2'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4607	'2321128_/_43126746'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4608	'2325066_/_43127825'	0	0	0	0.056	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4609	'43126711_/_43126713'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4610	'2321005_/_2321002'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4611	'43126722_/_2320976_2'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4612	'2321141_/_2321138'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4613	'43126755_/_2321164'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4614	'43126733_/_2321015'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4615	'2320965_/_2320963'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4616	'2320979_/_43126724'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4617	'2321167_/_43126757'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4618	'2321018_/_43126735'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4619	'2332968_/_2335508'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage
SCA021	4620	'2332956_/_624670690'	0	0	0	0.048	0.07	0	0 No	0	Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SCA021	4621	'2332969_/2332966'	0	0	0	0.048	0.07	0	0	No	0 Primary Over-Voltage
SCA021	4622	'2332943_/2332995'	0	0	0	0.048	0.07	0	0	No	0 Primary Over-Voltage
SCA021	4623	'2332985_/2332982'	0	0	0	0.048	0.07	0	0	No	0 Primary Over-Voltage
SCA021	4624	'43130142_/43130144_1'	0	0	0	0.048	0.07	0	0	No	0 Primary Over-Voltage
SCA021	4625	'73909083_/2321238_1'	0	0	0	0.048	0.07	0	0	No	0 Primary Over-Voltage
SCA021	4626	'43126788_/2321238_2'	0	0	0	0.048	0.07	0	0	No	0 Primary Over-Voltage
SCA021	4627	'2332927_/2332940'	0	0	0	0.048	0.07	0	0	No	0 Primary Over-Voltage
SCA021	4628	'49478422_/49478407'	0	0	0	0.048	0.07	0	0	No	0 Primary Over-Voltage
SCA021	4629	'2332914_/2332924'	0	0	0	0.048	0.07	0	0	No	0 Primary Over-Voltage
SCA021	4630	'43126800_/43126790'	0	0	0	0.048	0.07	0	0	No	0 Primary Over-Voltage
SCA021	4631	'2333220_/43130144_2'	0	0	0	0.048	0.07	0	0	No	0 Primary Over-Voltage
SCA021	4632	'38179886_/49478419'	0	0	0	0.048	0.07	0	0	No	0 Primary Over-Voltage
SCA021	4633	'43130131_/43130133'	0	0	0	0.048	0.07	0	0	No	0 Primary Over-Voltage
SCA021	4634	'2321241_/43126802'	0	0	0	0.048	0.07	0	0	No	0 Primary Over-Voltage
SCA021	4635	'2332913_/2332911'	0	0	0	0.048	0.07	0	0	No	0 Primary Over-Voltage
SCA021	4636	'43130219_/2333218'	0	0	0	0.048	0.07	0	0	No	0 Primary Over-Voltage
SCA021	4637	'2333163_/2333160'	0	0	0	0.048	0.07	0	0	No	0 Primary Over-Voltage
SCA021	4638	'2333179_/2333176'	0	0	0	0.048	0.07	0	0	No	0 Primary Over-Voltage
SCA021	4639	'2333233_/2333189'	0	0	0	0.048	0.07	0	0	No	0 Primary Over-Voltage
SCA021	4640	'2333234_/2333231'	0	0	0	0.048	0.07	0	0	No	0 Primary Over-Voltage
SCA021	4641	'43130230_/43130232'	0	0	0	0.048	0.07	0	0	No	0 Primary Over-Voltage
SCA021	4642	'2334904_/8479403_2'	0	0	0	0.048	0.07	0	0	No	0 Primary Over-Voltage
SCA021	4643	'2334933_/2334931'	0	0	0	0.048	0.07	0	0	No	0 Primary Over-Voltage
SCA021	4644	'2333204_/8479403_1'	0	0	0	0.048	0.07	0	0	No	0 Primary Over-Voltage
SCA021	4645	'43126700_/43126702'	0	0	0	0.048	0.07	0	0	No	0 Primary Over-Voltage
SCA021	4646	'2335536_/8796470_2'	0	0	0	0.048	0.07	0	0	No	0 Primary Over-Voltage
SCA021	4647	'43130241_/2333202'	0	0	0	0.048	0.07	0	0	No	0 Primary Over-Voltage
SCA021	4648	'2333205_/43130243'	0	0	0	0.048	0.07	0	0	No	0 Primary Over-Voltage
SCA021	4649	'8796473_/8796470_1'	0	0	0	0.048	0.07	0	0	No	0 Primary Over-Voltage
SCH001	0	'SCH001_/1052291'	10	10	10	0.128	4	10	0.86	No	0.128 Thermal Discharging
SCH001	1	'1052277_/1052291'	10	10	10	0.128	4	10	0.86	No	0.128 Thermal Discharging
SCH001	2	'1052257_/1052274'	10	10	10	0.128	4	10	0.86	No	0.128 Thermal Discharging
SCH001	3	'42946315_/1052254'	10	10	10	0.128	4	10	0.86	No	0.128 Thermal Discharging
SCH001	4	'1051955_/1052237'	10	10	10	0.128	4	10	0.86	No	0.128 Thermal Discharging
SCH001	5	'1052187_/1052214'	10	10	10	0.128	3.9	10	0.86	No	0.128 Thermal Discharging
SCH001	6	'64909901_/64909910'	10	10	10	0.128	2.4	10	0.86	No	0.128 Thermal Discharging
SCH001	7	'1051956_/1051953'	10	10	10	0.128	2.4	10	0.86	No	0.128 Thermal Discharging
SCH001	8	'61696576_/50409274_2'	10	10	10	0.128	1	10	0.86	No	0.128 Thermal Discharging
SCH001	9	'1051979_/1051976'	10	10	10	0.128	2.4	10	0.86	No	0.128 Thermal Discharging
SCH001	10	'1051250_/1052201'	3.33	3.33	3.33	0.04	0.4	3.33	0.29	No	0.04 Thermal Discharging
SCH001	11	'1051996_/1051993'	10	10	10	0.128	2.4	10	0.86	No	0.128 Thermal Discharging
SCH001	12	'1051238_/1052172'	3.33	3.33	3.33	0.04	0.3	3.33	0.29	No	0.04 Thermal Discharging
SCH001	13	'1051251_/1051248'	3.33	3.33	3.33	0.04	0.4	3.33	0.29	No	0.04 Thermal Discharging
SCH001	14	'1052013_/1052010'	10	10	10	0.128	2.4	10	0.86	No	0.128 Thermal Discharging
SCH001	15	'1052030_/1052027'	10	10	10	0.128	2.4	10	0.86	No	0.128 Thermal Discharging
SCH001	16	'1051402_/1052142'	3.33	3.33	3.33	0.04	0.4	3.33	0.29	No	0.04 Thermal Discharging
SCH001	17	'1051390_/1052129'	3.33	3.33	3.33	0.04	0.4	3.33	0.29	No	0.04 Thermal Discharging
SCH001	18	'1050477_/1052044'	10	10	10	0.128	2.4	10	0.86	No	0.128 Thermal Discharging
SCH001	19	'1050478_/1050475'	10	10	10	0.128	2.4	10	0.86	No	0.128 Thermal Discharging
SCH001	20	'50409277_/50409274_1'	10	10	10	0.128	0.5	10	0.86	No	0.128 Thermal Discharging
SCH001	21	'1051225_/1051235'	3.33	3.33	3.33	0.04	0.3	3.33	0.29	No	0.04 Thermal Discharging
SCH001	22	'1051264_/1051261'	3.33	3.33	3.33	0.04	0.4	3.33	0.29	No	0.04 Thermal Discharging
SCH001	23	'1050495_/1050492'	10	10	10	0.128	2.4	10	0.86	No	0.128 Thermal Discharging
SCH001	24	'416715635_/1052155_1'	10	10	10	0.128	0.5	10	0.86	No	0.128 Thermal Discharging
SCH001	25	'1051389_/1051387'	3.33	3.33	3.33	0.04	0.4	3.33	0.29	No	0.04 Thermal Discharging
SCH001	26	'1050512_/1050509'	10	8.2	10	0.128	2.4	10	0.86	No	0.128 Thermal Discharging
SCH001	27	'42946409_/1051400'	3.33	3.33	3.33	0.04	0.4	3.33	0.29	No	0.04 Thermal Discharging
SCH001	28	'1050529_/1050526'	10	8.2	10	0.128	2.4	9.64	0.86	No	0.128 Thermal Discharging
SCH001	29	'42945894_/1052155_2'	10	10	10	0.128	0.5	9.83	0.86	No	0.128 Thermal Discharging
SCH001	30	'1050582_/1050580'	10	10	10	0.128	1.1	9.65	0.86	No	0.128 Thermal Discharging
SCH001	31	'1051212_/1051222'	0.77	3.33	3.33	0.04	0.3	3.22	0.29	No	0.04 Thermal Discharging
SCH001	32	'1050546_/1050543'	10	8.2	10	0.128	2.4	9.04	0.86	No	0.128 Thermal Discharging
SCH001	33	'42946354_/1051274'	3.33	2.73	3.33	0.04	0.4	3.07	0.29	No	0.04 Thermal Discharging
SCH001	34	'1048693_/1050600'	10	8.2	10	0.128	0.9	8.73	0.86	No	0.128 Thermal Discharging
SCH001	35	'1050563_/1050560'	10	8.2	10	0.128	2.4	8.55	0.86	No	0.128 Thermal Discharging
SCH001	36	'1051416_/42946411'	0.8	2.73	3.33	0.04	0.4	2.87	0.29	No	0.04 Thermal Discharging
SCH001	37	'1050640_/1050637'	10	8.2	10	0.128	2.4	8.32	0.86	No	0.128 Thermal Discharging
SCH001	38	'42945835_/1050617'	2.1	8.2	10	0.128	0.9	8.35	0.86	No	0.128 Thermal Discharging
SCH001	39	'1048658_/42945896'	1.5	8.2	10	0.128	0.5	8.46	0.86	No	0.128 Thermal Discharging
SCH001	40	'1050657_/1050654'	10	8.2	10	0.128	2.4	8.03	0.86	No	0.128 Thermal Discharging
SCH001	41	'1051290_/1051287'	0.57	2.73	3.33	0.04	0.4	2.73	0.29	No	0.04 Thermal Discharging
SCH001	42	'1051596_/1051610'	1.3	8.2	10	0.128	1.1	8.29	0.86	No	0.128 Thermal Discharging
SCH001	43	'1048710_/42945837'	0.5	2.73	3.33	0.04	0.3	2.66	0.29	No	0.04 Thermal Discharging
SCH001	44	'1051429_/1051426'	0.47	2.73	3.33	0.04	0.4	2.62	0.29	No	0.04 Thermal Discharging
SCH001	45	'42946018_/1050731'	10	8.2	10	0.128	2.4	7.68	0.86	No	0.128 Thermal Discharging
SCH001	46	'1048692_/1048690'	1.4	8.2	10	0.128	0.9	7.89	0.86	No	0.128 Thermal Discharging
SCH001	47	'50169802_/50169799'	0.6	10	10	0.128	0.5	8.21	0.86	No	0.128 Thermal Discharging
SCH001	48	'1051199_/1051209'	0.37	2.73	3.33	0.04	0.3	2.68	0.29	No	0.04 Thermal Discharging
SCH001	49	'1048791_/1050671'	1.6	8.2	10	0.128	0.9	7.67	0.86	No	0.128 Thermal Discharging
SCH001	50	'1050751_/42946020'	1.7	8.2	10	0.128	2.4	7.45	0.86	No	0.128 Thermal Discharging
SCH001	51	'1050704_/1050765'	1.5	8.2	10	0.128	2.4	7.28	0.86	No	0.128 Thermal Discharging
SCH001	52	'1051303_/1051300'	0.37	2.73	3.33	0.04	0.4	2.48	0.29	No	0.04 Thermal Discharging
SCH001	53	'1048659_/1048656'	0.9	8.2	10	0.128	0.5	7.51	0.86	No	0.128 Thermal Discharging
SCH001	54	'1048790_/1048788'	1.2	8.2	10	0.128	0.9	7.23	0.86	No	0.128 Thermal Discharging
SCH001	55	'1048904_/1050688'	0.47	2.73	3.33	0.04	0.3	2.34	0.29	No	0.04 Thermal Discharging
SCH001	56	'42945907_/1051593'	0.8	8.2	10	0.128	1.1	7.3	0.86	No	0.128 Thermal Discharging
SCH001	57	'42945846_/1048720'	0.33	2.73	3.33	0.04	0.3	2.37	0.29	No	0.04 Thermal Discharging
SCH001	58	'42946398_/1051439'	0.33	2.73	3.33	0.04	0.4	2.35	0.29	No	0.04 Thermal Discharging
SCH001	59	'461839762_/461839764'	0.8	8.2	10	0.128	0.5	7.12	0.86	No	0.128 Thermal Discharging
SCH001	60	'1050703_/1050701'	0.4	2.73	3.33	0.04	0.3	2.24	0.29	No	0.04 Thermal Discharging
SCH001	61	'1050785_/1050782'	1	8.2	10	0.128	0.9	6.66	0.86	No	0.128 Thermal Discharging
SCH001	62	'42946376_/1051313'	0.3	2.73	3.33	0.04	0.4	2.25	0.29	No	0.04 Thermal Discharging
SCH001	63	'1051183_/1051196'	0.23	2.73	3.33	0.04	0.3	2.3	0.29	No	0.04 Thermal Discharging
SCH001	64	'1048998_/1050714'	1	8.2	10	0.128	1	6.59	0.86	No	0.128 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SCH001	65	'1051345_/_1051342'		0.23	2.73	3.33	0.04	0.3	2.14	0.29 No	0.04 Thermal Discharging
SCH001	66	'1048736_/_1048733'		0.27	2.73	3.33	0.04	0.3	2.13	0.29 No	0.04 Thermal Discharging
SCH001	67	'1048999_/_1048996'		0.8	8.2	10	0.128	1	6.25	0.86 No	0.128 Thermal Discharging
SCH001	68	'1048642_/_1051576'		0.6	8.2	10	0.128	1.1	6.44	0.86 No	0.128 Thermal Discharging
SCH001	69	'1048905_/_1048902'		0.3	2.73	3.33	0.04	0.3	2.06	0.29 No	0.04 Thermal Discharging
SCH001	70	'461839804_/_461839671'		0.6	8.2	10	0.128	0.5	6.31	0.86 No	0.128 Thermal Discharging
SCH001	71	'7200311_/_8460668'		0.3	2.73	3.33	0.04	0.3	2.03	0.29 No	0.04 Thermal Discharging
SCH001	72	'1051455_/_42946400'		0.23	2.73	3.33	0.04	0.4	2.01	0.29 No	0.04 Thermal Discharging
SCH001	73	'1051329_/_42946378'		0.23	2.73	3.33	0.04	0.4	2	0.29 No	0.04 Thermal Discharging
SCH001	74	'50169761_/_50169758'		0.4	8.2	10	0.128	0.5	6.23	0.86 No	0.128 Thermal Discharging
SCH001	75	'1051182_/_1051180'		0.2	2.73	3.33	0.04	0.3	2.02	0.29 No	0.04 Thermal Discharging
SCH001	76	'42946005_/_1049036'		0.7	8.2	10	0.128	0.9	5.81	0.86 No	0.128 Thermal Discharging
SCH001	77	'7200310_/_7200308'		0.27	2.73	3.33	0.04	0.1	1.93	0.29 No	0.04 Thermal Discharging
SCH001	78	'42946387_/_1051465'		0.2	2.73	3.33	0.04	0.4	1.9	0.29 No	0.04 Thermal Discharging
SCH001	79	'1051738_/_1051735'		0.2	2.4	3.33	0.04	0.4	1.88	0.29 No	0.04 Thermal Discharging
SCH001	80	'42946365_/_1051358'		0.2	2.73	3.33	0.04	0.3	1.9	0.29 No	0.04 Thermal Discharging
SCH001	81	'1048749_/_1048746'		0.2	2.73	3.33	0.04	0.3	1.89	0.29 No	0.04 Thermal Discharging
SCH001	82	'461839637_/_461839808'		0.5	8.2	10	0.128	0.5	5.73	0.86 No	0.128 Thermal Discharging
SCH001	83	'1048931_/_1048928'		0.23	2.4	3.33	0.04	0.3	1.81	0.29 No	0.04 Thermal Discharging
SCH001	84	'1049019_/_1049016'		0.6	8.2	10	0.128	1	5.44	0.86 No	0.128 Thermal Discharging
SCH001	85	'427305006_/_1049435_1'		0.6	8.2	10	0.128	0.6	5.38	0.86 No	0.128 Thermal Discharging
SCH001	86	'1048622_/_1048639'		0.5	6.1	10	0.128	1.1	5.55	0.86 No	0.128 Thermal Discharging
SCH001	87	'1049059_/_1049056'		0.23	2.4	3.33	0.04	0.3	1.78	0.29 No	0.04 Thermal Discharging
SCH001	88	'42946432_/_42946389'		0.17	2.4	3.33	0.04	0.4	1.72	0.29 No	0.04 Thermal Discharging
SCH001	89	'42945868_/_461839635'		0.5	6.2	10	0.128	0.5	5.32	0.86 No	0.128 Thermal Discharging
SCH001	90	'1051106_/_1052358'		0.3	5.1	10	0.128	0.5	5.35	0.86 No	0.128 Thermal Discharging
SCH001	91	'1051481_/_421967471_2'		0.17	2.4	3.33	0.04	0.4	1.7	0.29 No	0.04 Thermal Discharging
SCH001	92	'42945857_/_1048759'		0.17	2.4	3.33	0.04	0.3	1.68	0.29 No	0.04 Thermal Discharging
SCH001	93	'1049438_/_1049435_2'		0.5	6.4	10	0.128	0.6	5.01	0.86 No	0.128 Thermal Discharging
SCH001	94	'1049072_/_1049069'		0.2	2.4	3.33	0.04	0.3	1.65	0.29 No	0.04 Thermal Discharging
SCH001	95	'1051373_/_1051371'		0.13	2.4	3.33	0.04	0.3	1.65	0.29 No	0.04 Thermal Discharging
SCH001	96	'1048944_/_1048941'		0.2	2.4	3.33	0.04	0.3	1.63	0.29 No	0.04 Thermal Discharging
SCH001	97	'1048486_/_1048619'		0.4	4.5	10	0.128	1.1	4.99	0.86 No	0.128 Thermal Discharging
SCH001	98	'1051698_/_42945870'		0.4	4.8	10	0.128	0.5	4.91	0.86 No	0.128 Thermal Discharging
SCH001	99	'1051107_/_1051104'		0.1	1.4	3.33	0.04	0.17	1.61	0.29 No	0.04 Thermal Discharging
SCH001	100	'42945994_/_1049082'		0.17	1.73	3.33	0.04	0.3	1.52	0.29 No	0.04 Thermal Discharging
SCH001	101	'42945862_/_42945859'		0.13	1.63	3.33	0.04	0.3	1.5	0.29 No	0.04 Thermal Discharging
SCH001	102	'42946081_/_1049452'		0.4	4.3	10	0.128	0.6	4.51	0.86 No	0.128 Thermal Discharging
SCH001	103	'1048485_/_1048483'		0.3	3.9	10	0.128	1.1	4.61	0.86 No	0.128 Thermal Discharging
SCH001	104	'1048503_/_1048500'		0.3	3.9	10	0.128	1.1	4.61	0.86 No	0.128 Thermal Discharging
SCH001	105	'1048956_/_1050462'		0.17	1.7	3.33	0.04	0.3	1.48	0.29 No	0.04 Thermal Discharging
SCH001	106	'42945933_/_1051712'		0.3	3.9	10	0.128	0.5	4.49	0.86 No	0.128 Thermal Discharging
SCH001	107	'1049098_/_42945996'		0.13	1.47	3.33	0.04	0.3	1.42	0.29 No	0.04 Thermal Discharging
SCH001	108	'421967467_/_421967471_1'		0.1	1.67	3.33	0.04	0.1	1.41	0.29 No	0.04 Thermal Discharging
SCH001	109	'1049472_/_42946083'		0.4	3.8	10	0.128	0.6	4.29	0.86 No	0.128 Thermal Discharging
SCH001	110	'430462025_/_1051855'		0.1	1.17	3.33	0.04	0.17	1.45	0.29 No	0.04 Thermal Discharging
SCH001	111	'1051526_/_1051556'		0.3	3.4	10	0.128	1.1	4.33	0.86 No	0.128 Thermal Discharging
SCH001	112	'1049845_/_42945935'		0.3	3.6	10	0.128	0.5	4.26	0.86 No	0.128 Thermal Discharging
SCH001	113	'1048520_/_1048517'		0.3	3.4	10	0.128	1.1	4.27	0.86 No	0.128 Thermal Discharging
SCH001	114	'42945972_/_1048954'		0.13	1.4	3.33	0.04	0.3	1.38	0.29 No	0.04 Thermal Discharging
SCH001	115	'1049110_/_1049108'		0.13	1.27	3.33	0.04	0.3	1.32	0.29 No	0.04 Thermal Discharging
SCH001	116	'42946420_/_1051523'		0.3	3.1	10	0.128	1.1	4.08	0.86 No	0.128 Thermal Discharging
SCH001	117	'1049489_/_1049486'		0.4	3.3	10	0.128	0.6	3.99	0.86 No	0.128 Thermal Discharging
SCH001	118	'430462106_/_430462108'		0.1	1.07	3.33	0.04	0.17	1.36	0.29 No	0.04 Thermal Discharging
SCH001	119	'1048970_/_1048967'		0.13	1.13	3.33	0.04	0.3	1.25	0.29 No	0.04 Thermal Discharging
SCH001	120	'1049124_/_1049121'		0.13	1.13	3.33	0.04	0.3	1.25	0.29 No	0.04 Thermal Discharging
SCH001	121	'1049846_/_1049843'		0.3	3	10	0.128	0.5	3.83	0.86 No	0.128 Thermal Discharging
SCH001	122	'1048537_/_1048534'		0.2	2.8	10	0.128	1.1	3.85	0.86 No	0.128 Thermal Discharging
SCH001	123	'42946265_/_1050428'		0.3	2.9	10	0.128	0.6	3.74	0.86 No	0.128 Thermal Discharging
SCH001	124	'1048983_/_1048980'		0.1	1.07	3.33	0.04	0.3	1.21	0.29 No	0.04 Thermal Discharging
SCH001	125	'8780091_/_8780088'		0.1	1.13	3.33	0.04	0.1	1.21	0.29 No	0.04 Thermal Discharging
SCH001	126	'42945983_/_1049134'		0.1	1	3.33	0.04	0.3	1.18	0.29 No	0.04 Thermal Discharging
SCH001	127	'1049863_/_1049860'		0.2	2.7	10	0.128	0.5	3.58	0.86 No	0.128 Thermal Discharging
SCH001	128	'1051513_/_1051543'		0.07	0.87	3.33	0.04	0.3	1.2	0.29 No	0.04 Thermal Discharging
SCH001	129	'1049371_/_1050445'		0.3	2.6	10	0.128	0.6	3.53	0.86 No	0.128 Thermal Discharging
SCH001	130	'1048554_/_1048551'		0.2	2.5	10	0.128	1.1	3.5	0.86 No	0.128 Thermal Discharging
SCH001	131	'1051120_/_1051117'		0.1	0.83	3.33	0.04	0.17	1.15	0.29 No	0.04 Thermal Discharging
SCH001	132	'1049150_/_42945985'		0.1	0.93	3.33	0.04	0.3	1.1	0.29 No	0.04 Thermal Discharging
SCH001	133	'1049384_/_1049381'		0.3	2.4	10	0.128	0.6	3.36	0.86 No	0.128 Thermal Discharging
SCH001	134	'1049506_/_1049503'		0.3	2.4	10	0.128	0.6	3.33	0.86 No	0.128 Thermal Discharging
SCH001	135	'1049880_/_1049877'		0.2	2.4	10	0.128	0.5	3.36	0.86 No	0.128 Thermal Discharging
SCH001	136	'1049404_/_1049401'		0.3	2.3	10	0.128	0.6	3.25	0.86 No	0.128 Thermal Discharging
SCH001	137	'1049358_/_1049368'		0.1	0.77	3.33	0.04	0.2	1.08	0.29 No	0.04 Thermal Discharging
SCH001	138	'1050022_/_1050019'		0.1	0.83	3.33	0.04	0.3	1.04	0.29 No	0.04 Thermal Discharging
SCH001	139	'42946094_/_1049520'		0.3	2.2	10	0.128	0.6	3.13	0.86 No	0.128 Thermal Discharging
SCH001	140	'42945946_/_1049894'		0.2	2.2	10	0.128	0.5	3.16	0.86 No	0.128 Thermal Discharging
SCH001	141	'42945920_/_1048568'		0.2	2.1	10	0.128	1.1	3.17	0.86 No	0.128 Thermal Discharging
SCH001	142	'1049288_/_1049355'		0.1	0.73	3.33	0.04	0.2	1.02	0.29 No	0.04 Thermal Discharging
SCH001	143	'1049421_/_116286332'		0.2	2.1	10	0.128	0.6	3.07	0.86 No	0.128 Thermal Discharging
SCH001	144	'1049914_/_42945948'		0.2	2.1	10	0.128	0.5	3.05	0.86 No	0.128 Thermal Discharging
SCH001	145	'1050035_/_1050032'		0.07	0.77	3.33	0.04	0.3	0.99	0.29 No	0.04 Thermal Discharging
SCH001	146	'1048433_/_1051130'		0.07	0.7	3.33	0.04	0.17	1.01	0.29 No	0.04 Thermal Discharging
SCH001	147	'1048588_/_1048585'		0.2	2	10	0.128	1.1	3.03	0.86 No	0.128 Thermal Discharging
SCH001	148	'1051497_/_1051510'		0.07	0.7	3.33	0.04	0.3	1	0.29 No	0.04 Thermal Discharging
SCH001	149	'42946108_/_42946096'		0.2	2	10	0.128	0.6	2.94	0.86 No	0.128 Thermal Discharging
SCH001	150	'1052452_/_1052449'		0.2	2	10	0.128	0.6	2.93	0.86 No	0.128 Thermal Discharging
SCH001	151	'1048605_/_1048602'		0.2	1.9	10	0.128	1.1	2.95	0.86 No	0.128 Thermal Discharging
SCH001	152	'42946057_/_42946059'		0.1	0.67	3.33	0.04	0.2	0.95	0.29 No	0.04 Thermal Discharging
SCH001	153	'42946177_/_1050045'		0.07	0.73	3.33	0.04	0.3	0.94	0.29 No	0.04 Thermal Discharging
SCH001	154	'1049931_/_1049928'		0.2	2	10	0.128	0.5	2.88	0.86 No	0.128 Thermal Discharging
SCH001	155	'1052549_/_1052546'		0.2	1.9	10	0.128	0.6	2.83	0.86 No	0.128 Thermal Discharging
SCH001	156	'469456619_/_469456616'		0.2	1.9	10	0.128	1.1	2.86	0.86 No	0.128 Thermal Discharging
SCH001	157	'1049557_/_1049554'		0.2	1.8	10	0.128	0.6	2.78	0.86 No	0.128 Thermal Discharging
SCH001	158	'1048810_/_1048845'		0.1	1.8	10	0.128	1.1	2.82	0.86 No	0.1 Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SCH001	159	'1052426_/_1052466'		0.07	0.63	3.33	0.04	0.2	0.93	0.29 No	0.04 Thermal Discharging
SCH001	160	'1052438_/_1052479'		0.07	0.63	3.33	0.04	0.2	0.93	0.29 No	0.04 Thermal Discharging
SCH001	161	'469456635_/_469456632'		0.1	1.8	10	0.128	1.1	2.79	0.86 No	0.1 Primary Over-Voltage
SCH001	162	'1052495_/_1052492'		0.2	1.8	10	0.128	0.6	2.74	0.86 No	0.128 Thermal Discharging
SCH001	163	'42946188_/_42946179'		0.07	0.67	3.33	0.04	0.3	0.9	0.29 No	0.04 Thermal Discharging
SCH001	164	'1048811_/_1048808'		0.1	1.8	10	0.128	1.1	2.76	0.86 No	0.1 Primary Over-Voltage
SCH001	165	'1051496_/_1051494'		0.03	0.63	3.33	0.04	0.3	0.91	0.29 No	0.03 Primary Over-Voltage
SCH001	166	'1049192_/_1049202'		0.1	0.63	3.33	0.04	0.2	0.9	0.29 No	0.04 Thermal Discharging
SCH001	167	'1049948_/_1049945'		0.1	1.8	10	0.128	0.5	2.72	0.86 No	0.1 Primary Over-Voltage
SCH001	168	'469456655_/_469456652'		0.1	1.8	10	0.128	1.1	2.72	0.86 No	0.1 Primary Over-Voltage
SCH001	169	'1049338_/_1049571'		0.2	1.7	10	0.128	0.6	2.67	0.86 No	0.128 Thermal Discharging
SCH001	170	'42946133_/_42946135'		0.07	0.6	3.33	0.04	0.2	0.88	0.29 No	0.04 Thermal Discharging
SCH001	171	'42946144_/_1052436'		0.07	0.57	3.33	0.04	0.2	0.87	0.29 No	0.04 Thermal Discharging
SCH001	172	'1049965_/_1049962'		0.1	1.7	10	0.128	0.5	2.63	0.86 No	0.1 Primary Over-Voltage
SCH001	173	'1050074_/_42946190'		0.07	0.63	3.33	0.04	0.3	0.85	0.29 No	0.04 Thermal Discharging
SCH001	174	'42945959_/_1049982'		0.1	1.7	10	0.128	0.5	2.58	0.86 No	0.1 Primary Over-Voltage
SCH001	175	'1049176_/_1049189'		0.07	0.57	3.33	0.04	0.2	0.84	0.29 No	0.04 Thermal Discharging
SCH001	176	'1048831_/_1048828'		0.1	1.7	10	0.128	1.1	2.57	0.86 No	0.1 Primary Over-Voltage
SCH001	177	'49482127_/_1052529'		0.2	1.6	10	0.128	0.6	2.53	0.86 No	0.128 Thermal Discharging
SCH001	178	'1049739_/_1049749'		0.07	0.57	3.33	0.04	0.2	0.84	0.29 No	0.04 Thermal Discharging
SCH001	179	'42946121_/_1049663'		0.13	1.07	6.67	0.08	0.4	1.68	0.57 No	0.08 Thermal Discharging
SCH001	180	'1049985_/_42945961'		0.1	1.6	10	0.128	0.5	2.53	0.86 No	0.1 Primary Over-Voltage
SCH001	181	'1049321_/_1049335'		0.2	1.6	10	0.128	0.6	2.51	0.86 No	0.128 Thermal Discharging
SCH001	182	'1050087_/_1050084'		0.07	0.6	3.33	0.04	0.3	0.82	0.29 No	0.04 Thermal Discharging
SCH001	183	'1049765_/_1049762'		0.07	0.53	3.33	0.04	0.2	0.82	0.29 No	0.04 Thermal Discharging
SCH001	184	'1049163_/_1049173'		0.07	0.57	3.33	0.04	0.2	0.82	0.29 No	0.04 Thermal Discharging
SCH001	185	'68321911_/_42946482'		0.2	1.6	10	0.128	0.6	2.45	0.86 No	0.128 Thermal Discharging
SCH001	186	'1049726_/_1049736'		0.07	0.53	3.33	0.04	0.2	0.81	0.29 No	0.04 Thermal Discharging
SCH001	187	'1049162_/_1049160'		0.07	0.53	3.33	0.04	0.2	0.8	0.29 No	0.04 Thermal Discharging
SCH001	188	'1049301_/_1049318'		0.2	1.5	10	0.128	0.6	2.4	0.86 No	0.128 Thermal Discharging
SCH001	189	'1049590_/_42946123'		0.13	1	6.67	0.08	0.4	1.6	0.57 No	0.08 Thermal Discharging
SCH001	190	'1050002_/_1049999'		0.1	1.5	10	0.128	0.5	2.41	0.86 No	0.1 Primary Over-Voltage
SCH001	191	'1050100_/_1050097'		0.07	0.57	3.33	0.04	0.3	0.78	0.29 No	0.04 Thermal Discharging
SCH001	192	'1049591_/_1049588'		0.13	1	6.67	0.08	0.4	1.56	0.57 No	0.08 Thermal Discharging
SCH001	193	'1050805_/_1050802'		0.1	1.5	10	0.128	1.1	2.35	0.86 No	0.1 Primary Over-Voltage
SCH001	194	'42946155_/_1049775'		0.07	0.5	3.33	0.04	0.2	0.76	0.29 No	0.04 Thermal Discharging
SCH001	195	'1049713_/_1049723'		0.07	0.5	3.33	0.04	0.2	0.76	0.29 No	0.04 Thermal Discharging
SCH001	196	'1049218_/_1049298'		0.2	1.4	10	0.128	0.6	2.3	0.86 No	0.128 Thermal Discharging
SCH001	197	'42946199_/_1050110'		0.07	0.53	3.33	0.04	0.3	0.74	0.29 No	0.04 Thermal Discharging
SCH001	198	'1049606_/_1049603'		0.13	0.93	6.67	0.08	0.4	1.5	0.57 No	0.08 Thermal Discharging
SCH001	199	'1049217_/_1049215'		0.07	0.47	3.33	0.04	0.2	0.75	0.29 No	0.04 Thermal Discharging
SCH001	200	'1049791_/_42946157'		0.07	0.47	3.33	0.04	0.2	0.73	0.29 No	0.04 Thermal Discharging
SCH001	201	'1049621_/_1049618'		0.13	0.93	6.67	0.08	0.4	1.46	0.57 No	0.08 Thermal Discharging
SCH001	202	'1049700_/_1049710'		0.07	0.47	3.33	0.04	0.2	0.73	0.29 No	0.04 Thermal Discharging
SCH001	203	'1049234_/_1049231'		0.2	1.3	10	0.128	0.6	2.18	0.86 No	0.128 Thermal Discharging
SCH001	204	'1050841_/_1050873'		0.1	1.4	10	0.128	1.1	2.17	0.86 No	0.1 Primary Over-Voltage
SCH001	205	'1050126_/_42946201'		0.03	0.5	3.33	0.04	0.3	0.71	0.29 No	0.03 Primary Over-Voltage
SCH001	206	'1050821_/_1050839'		0.1	1.4	10	0.128	1.1	2.17	0.86 No	0.1 Primary Over-Voltage
SCH001	207	'1049804_/_1049801'		0.07	0.47	3.33	0.04	0.2	0.71	0.29 No	0.04 Thermal Discharging
SCH001	208	'1049636_/_1049633'		0.13	0.87	6.67	0.08	0.4	1.43	0.57 No	0.08 Thermal Discharging
SCH001	209	'7519555_/_7519553_1'		0.1	1.4	10	0.128	0.4	2.16	0.86 No	0.1 Primary Over-Voltage
SCH001	210	'1049684_/_1049697'		0.07	0.47	3.33	0.04	0.2	0.7	0.29 No	0.04 Thermal Discharging
SCH001	211	'1049651_/_1049648'		0.13	0.87	6.67	0.08	0.4	1.4	0.57 No	0.08 Thermal Discharging
SCH001	212	'42946068_/_1049251'		0.2	1.3	10	0.128	0.6	2.1	0.86 No	0.128 Thermal Discharging
SCH001	213	'1049820_/_1049817'		0.07	0.47	3.33	0.04	0.2	0.69	0.29 No	0.04 Thermal Discharging
SCH001	214	'1050139_/_1050136'		0.03	0.47	3.33	0.04	0.3	0.69	0.29 No	0.03 Primary Over-Voltage
SCH001	215	'7519556_/_7519553_2'		0.1	1.3	10	0.128	0.4	2.09	0.86 No	0.1 Primary Over-Voltage
SCH001	216	'42946221_/_42946223'		0.07	0.43	3.33	0.04	0.2	0.68	0.29 No	0.04 Thermal Discharging
SCH001	217	'1049833_/_42946168'		0.07	0.43	3.33	0.04	0.2	0.67	0.29 No	0.04 Thermal Discharging
SCH001	218	'1050822_/_1050819'		0.1	1.2	10	0.128	1.1	2.02	0.86 No	0.1 Primary Over-Voltage
SCH001	219	'42946073_/_42946070'		0.1	1.2	10	0.128	0.6	2.01	0.86 No	0.1 Primary Over-Voltage
SCH001	220	'1049683_/_1049681'		0.07	0.4	3.33	0.04	0.2	0.65	0.29 No	0.04 Thermal Discharging
SCH001	221	'1050243_/_1050410'		0.13	0.8	6.67	0.08	0.4	1.31	0.57 No	0.08 Thermal Discharging
SCH001	222	'154588225_/_154588222'		0.07	0.8	6.67	0.08	0.4	1.31	0.57 No	0.07 Primary Over-Voltage
SCH001	223	'1050152_/_1050149'		0.03	0.43	3.33	0.04	0.3	0.64	0.29 No	0.03 Primary Over-Voltage
SCH001	224	'1050244_/_1050254_1'		0.07	0.4	3.33	0.04	0.1	0.65	0.29 No	0.04 Thermal Discharging
SCH001	225	'154588242_/_154588239'		0.07	0.8	6.67	0.08	0.4	1.28	0.57 No	0.07 Primary Over-Voltage
SCH001	226	'1050197_/_1050194'		0.07	0.4	3.33	0.04	0.2	0.63	0.29 No	0.04 Thermal Discharging
SCH001	227	'1050270_/_1050267'		0.13	0.73	6.67	0.08	0.4	1.25	0.57 No	0.08 Thermal Discharging
SCH001	228	'1050213_/_1050210'		0.07	0.4	3.33	0.04	0.2	0.61	0.29 No	0.04 Thermal Discharging
SCH001	229	'1050165_/_1050162'		0.03	0.4	3.33	0.04	0.3	0.61	0.29 No	0.03 Primary Over-Voltage
SCH001	230	'51458465_/_1050254_2'		0.07	0.37	3.33	0.04	0.1	0.6	0.29 No	0.04 Thermal Discharging
SCH001	231	'1050291_/_1050288'		0.13	0.73	6.67	0.08	0.4	1.2	0.57 No	0.08 Thermal Discharging
SCH001	232	'42946210_/_1050178'		0.03	0.4	3.33	0.04	0.3	0.59	0.29 No	0.03 Primary Over-Voltage
SCH001	233	'1050181_/_42946212'		0.03	0.4	3.33	0.04	0.3	0.57	0.29 No	0.03 Primary Over-Voltage
SCH001	234	'1050309_/_1050306'		0.13	0.67	6.67	0.08	0.4	1.16	0.57 No	0.08 Thermal Discharging
SCH001	235	'1050327_/_1050324'		0.13	0.67	6.67	0.08	0.4	1.12	0.57 No	0.08 Thermal Discharging
SCH001	236	'51458511_/_51458469'		0.03	0.33	3.33	0.04	0.1	0.55	0.29 No	0.03 Primary Over-Voltage
SCH001	237	'51458574_/_51458513'		0.03	0.3	3.33	0.04	0.1	0.51	0.29 No	0.03 Primary Over-Voltage
SCH001	238	'1047690_/_1050342'		0.03	0.3	3.33	0.04	0.2	0.48	0.29 No	0.03 Primary Over-Voltage
SCH001	239	'1050257_/_51458576'		0.03	0.3	3.33	0.04	0.1	0.48	0.29 No	0.03 Primary Over-Voltage
SCH001	240	'42946243_/_1050358'		0.03	0.27	3.33	0.04	0.1	0.45	0.29 No	0.03 Primary Over-Voltage
SCH001	241	'1047691_/_1047688'		0.03	0.27	3.33	0.04	0.2	0.44	0.29 No	0.03 Primary Over-Voltage
SCH001	242	'1050361_/_42946245'		0.03	0.27	3.33	0.04	0.1	0.43	0.29 No	0.03 Primary Over-Voltage
SCH001	243	'42945472_/_1047701'		0.03	0.23	3.33	0.04	0.2	0.37	0.29 No	0.03 Primary Over-Voltage
SCH001	244	'1047704_/_42945474'		0.03	0.2	3.33	0.04	0.2	0.32	0.29 No	0.03 Primary Over-Voltage
SCH001	245	'1048434_/_1048431'		0.03	0.17	3.33	0.04	0.17	0.31	0.29 No	0.03 Primary Over-Voltage
SCH001	246	'473508648_/_1052769_1'		0.03	0.17	3.33	0.04	0.1	0.31	0.29 No	0.03 Primary Over-Voltage
SCH001	247	'42946548_/_1052769_2'		0.03	0.17	3.33	0.04	0.1	0.31	0.29 No	0.03 Primary Over-Voltage
SCH001	248	'1052704_/_42946550'		0.03	0.17	3.33	0.04	0.1	0.29	0.29 No	0.03 Primary Over-Voltage
SCH001	249	'42946581_/_1052756'		0.03	0.17	3.33	0.04	0.1	0.29	0.29 No	0.03 Primary Over-Voltage
SCH001	250	'1052759_/_42946583'		0.03	0.17	3.33	0.04	0.1	0.28	0.29 No	0.03 Primary Over-Voltage
SCH001	251	'1052602_/_1052599'		0.03	0.13	3.33	0.04	0.17	0.24	0.29 No	0.03 Primary Over-Voltage
SCH001	252	'42946515_/_1052782'		0.03	0.13	3.33	0.04	0.17	0.23	0.29 No	0.03 Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SCH001	253	'1052785_/_42946517'		0.03	0.13	3.33	0.04	0.17	0.22	0.29 No	0.03 Primary Over-Voltage
SCH001	254	'42946559_/_1052717'		0.03	0.1	3.33	0.04	0.1	0.2	0.29 No	0.03 Primary Over-Voltage
SCH001	255	'1052733_/_42946561'		0.03	0.1	3.33	0.04	0.1	0.2	0.29 No	0.03 Primary Over-Voltage
SCH001	256	'42946570_/_1052743'		0.03	0.1	3.33	0.04	0.1	0.2	0.29 No	0.03 Primary Over-Voltage
SCH001	257	'1052746_/_42946572'		0.03	0.1	3.33	0.04	0.1	0.19	0.29 No	0.03 Primary Over-Voltage
SCH001	258	'1048450_/_1052798'		0.03	0.1	3.33	0.04	0.17	0.18	0.29 No	0.03 Primary Over-Voltage
SCH001	259	'51459146_/_1052857'		0.03	0.1	3.33	0.04	0.17	0.18	0.29 No	0.03 Primary Over-Voltage
SCH001	260	'51458637_/_51458639'		0.03	0.1	3.33	0.04	0.17	0.18	0.29 No	0.03 Primary Over-Voltage
SCH001	261	'117649409_/_51459148'		0.03	0.1	3.33	0.04	0.17	0.17	0.29 No	0.03 Primary Over-Voltage
SCH001	262	'51458700_/_51458702'		0.03	0.1	3.33	0.04	0.17	0.17	0.29 No	0.03 Primary Over-Voltage
SCH001	263	'42946504_/_117649411'		0.03	0.1	3.33	0.04	0.17	0.17	0.29 No	0.03 Primary Over-Voltage
SCH001	264	'51458763_/_51458765'		0.03	0.1	3.33	0.04	0.17	0.17	0.29 No	0.03 Primary Over-Voltage
SCH001	265	'56148706_/_42946506'		0.03	0.1	3.33	0.04	0.17	0.17	0.29 No	0.03 Primary Over-Voltage
SCH001	266	'51458826_/_51458828'		0.03	0.1	3.33	0.04	0.17	0.17	0.29 No	0.03 Primary Over-Voltage
SCH001	267	'117649342_/_56148708'		0.03	0.1	3.33	0.04	0.17	0.16	0.29 No	0.03 Primary Over-Voltage
SCH001	268	'51458889_/_51458891'		0.03	0.1	3.33	0.04	0.17	0.16	0.29 No	0.03 Primary Over-Voltage
SCH001	269	'117649361_/_117649344'		0.03	0.07	3.33	0.04	0.17	0.16	0.29 No	0.03 Primary Over-Voltage
SCH001	270	'117649312_/_117649363'		0.03	0.07	3.33	0.04	0.17	0.16	0.29 No	0.03 Primary Over-Voltage
SCH001	271	'117649291_/_117649314'		0.03	0.07	3.33	0.04	0.17	0.15	0.29 No	0.03 Primary Over-Voltage
SCH001	272	'1048449_/_1048447'		0.03	0.07	3.33	0.04	0.17	0.15	0.29 No	0.03 Primary Over-Voltage
SCH001	273	'1052661_/_117649274'		0.03	0.07	3.33	0.04	0.17	0.15	0.29 No	0.03 Primary Over-Voltage
SCH001	274	'42946537_/_1052870'		0.03	0.07	3.33	0.04	0.17	0.15	0.29 No	0.03 Primary Over-Voltage
SCH001	275	'117649233_/_1052671'		0.03	0.07	3.33	0.04	0.17	0.15	0.29 No	0.03 Primary Over-Voltage
SCH001	276	'42946254_/_1050397'		0.03	0.07	3.33	0.04	0.17	0.15	0.29 No	0.03 Primary Over-Voltage
SCH001	277	'1052873_/_42946539'		0.03	0.07	3.33	0.04	0.17	0.15	0.29 No	0.03 Primary Over-Voltage
SCH001	278	'117649153_/_117649196'		0.03	0.07	3.33	0.04	0.17	0.15	0.29 No	0.03 Primary Over-Voltage
SCH001	279	'1050400_/_42946256'		0.03	0.07	3.33	0.04	0.17	0.15	0.29 No	0.03 Primary Over-Voltage
SCH001	280	'117648768_/_117649136'		0.03	0.07	3.33	0.04	0.17	0.15	0.29 No	0.03 Primary Over-Voltage
SCH001	281	'117649068_/_117648751'		0.03	0.07	3.33	0.04	0.17	0.14	0.29 No	0.03 Primary Over-Voltage
SCH001	282	'117649032_/_117648729'		0.03	0.07	3.33	0.04	0.17	0.14	0.29 No	0.03 Primary Over-Voltage
SCH001	283	'117650163_/_56149437'		0.03	0.07	3.33	0.04	0.17	0.14	0.29 No	0.03 Primary Over-Voltage
SCH001	284	'117648817_/_1052566'		0.03	0.07	3.33	0.04	0.17	0.14	0.29 No	0.03 Primary Over-Voltage
SCH001	285	'56149513_/_56149485'		0.03	0.07	3.33	0.04	0.17	0.14	0.29 No	0.03 Primary Over-Voltage
SCH001	286	'56149541_/_56149515'		0.03	0.07	3.33	0.04	0.17	0.13	0.29 No	0.03 Primary Over-Voltage
SCH001	287	'56149569_/_56149543'		0.03	0.07	3.33	0.04	0.17	0.13	0.29 No	0.03 Primary Over-Voltage
SCH001	288	'56149597_/_56149571'		0.03	0.07	3.33	0.04	0.17	0.13	0.29 No	0.03 Primary Over-Voltage
SCH001	289	'56149625_/_56149599'		0.03	0.07	3.33	0.04	0.17	0.13	0.29 No	0.03 Primary Over-Voltage
SCH001	290	'56149653_/_56149627'		0.03	0.07	3.33	0.04	0.17	0.13	0.29 No	0.03 Primary Over-Voltage
SCH001	291	'56149681_/_56149655'		0.03	0.07	3.33	0.04	0.17	0.13	0.29 No	0.03 Primary Over-Voltage
SCH001	292	'56149709_/_56149683'		0.03	0.07	3.33	0.04	0.17	0.13	0.29 No	0.03 Primary Over-Voltage
SCH001	293	'1052569_/_56149711'		0.03	0.07	3.33	0.04	0.17	0.12	0.29 No	0.03 Primary Over-Voltage
SCH211	0	SCH211_/_1052061'		10	10	8.2	0	7.8	10	5.27 Yes	0 Thermal Discharging
SCH211	1	'1051939_/_1052061'		10	10	8.2	0	7.8	10	0 Yes	0 Thermal Discharging
SCH211	2	'1051922_/_1051936'		10	10	8.2	0	7.6	10	0 Yes	0 Thermal Discharging
SCH211	3	'1052081_/_1052112'		10	10	8.2	0	7.8	10	0 Yes	0 Thermal Discharging
SCH211	4	'1051905_/_1051919'		10	10	8.2	0	7.6	10	0 Yes	0 Thermal Discharging
SCH211	5	'42946328_/_42946330'		10	10	8.2	0	7.8	10	0 Yes	0 Thermal Discharging
SCH211	6	'1051888_/_1051902'		10	10	8.2	0	7.6	10	0 Yes	0 Thermal Discharging
SCH211	7	'42946341_/_42946343'		10	10	8.2	0	7.8	10	0 Yes	0 Thermal Discharging
SCH211	8	'1052097_/_7200324_2'		10	10	8.2	0	7.8	10	0 Yes	0 Thermal Discharging
SCH211	9	'7200327_/_7200324_1'		10	10	8.2	0	1.5	10	0 Yes	0 Thermal Discharging
SCH211	10	'1051871_/_1051885'		10	10	8.2	0	7.6	10	0 Yes	0 Thermal Discharging
SCH211	11	'1051146_/_1051868'		10	10	8.2	0	7.6	10	0 Yes	0 Thermal Discharging
SCH211	12	'1051145_/_1051143'		10	10	8.2	0	7.6	10	0 Yes	0 Thermal Discharging
SCH211	13	'1052326_/_1052341'		10	10	8.2	0	7.6	10	0 Yes	0 Thermal Discharging
SCH211	14	'1050949_/_1052324'		10	10	10	0	7.6	10	0 Yes	0 Thermal Discharging
SCH211	15	'53984444_/_1050946_1'		10	10	10	0	2.5	10	0 Yes	0 Thermal Discharging
SCH211	16	'50669436_/_1051838'		10	10	10	0	7.6	10	0 Yes	0 Thermal Discharging
SCH211	17	'42946302_/_1050946_2'		10	10	10	0	2.5	10	0 Yes	0 Thermal Discharging
SCH211	18	'1051053_/_50669433_1'		10	10	10	0	7.6	10	0 Yes	0 Thermal Discharging
SCH211	19	'42946290_/_1050926'		10	10	10	0	2.5	10	0 Yes	0 Thermal Discharging
SCH211	20	'50669465_/_50669433_2'		10	10	10	0	7.6	10	0 Yes	0 Thermal Discharging
SCH211	21	'529057063_/_529057025_1'		10	10	10	0	2.2	10	0 Yes	0 Thermal Discharging
SCH211	22	'529057094_/_529057025_2'		10	10	10	0	1.2	10	0 Yes	0 Thermal Discharging
SCH211	23	'529057028_/_529057025_3'		10	10	10	0	1.2	10	0 Yes	0 Thermal Discharging
SCH211	24	'724739431_/_724739408_1'		10	10	10	0	1.2	10	0 Yes	0 Thermal Discharging
SCH211	25	'724739411_/_724739408_2'		10	10	10	0	1.2	10	0 Yes	0 Thermal Discharging
SCH211	26	'1050893_/_1050905'		10	10	10	0	2.5	10	0 Yes	0 Thermal Discharging
SCH211	27	'585596213_/_585596074_1'		10	10	10	0	2.5	10	0 Yes	0 Thermal Discharging
SCH211	28	'430462124_/_430462126'		10	10	10	0	7.6	10	0 Yes	0 Thermal Discharging
SCH211	29	'585596077_/_585596074_2'		10	10	10	0	2.5	10	0 Yes	0 Thermal Discharging
SCH211	30	'585596095_/_585596092'		10	10	10	0	2.5	10	0 Yes	0 Thermal Discharging
SCH211	31	'585596184_/_585596160_1'		10	10	10	0	1.5	10	0 Yes	0 Thermal Discharging
SCH211	32	'585596144_/_585596160_2'		10	10	10	0	1.5	10	0 Yes	0 Thermal Discharging
SCH211	33	'42946278_/_1050890'		6.67	6.67	6.67	0	1.67	6.67	0 Yes	0 Thermal Discharging
SCH211	34	'1051073_/_1051070'		10	10	10	0	7.6	10	0 Yes	0 Thermal Discharging
SCH211	35	'1051790_/_42946280'		6.67	6.67	6.67	0	1.67	6.67	0 Yes	0 Thermal Discharging
SCH211	36	'459413314_/_1048069'		3.33	3.33	3.33	0	0.83	3.33	0 Yes	0 Thermal Discharging
SCH211	37	'459413354_/_459413318_1'		3.33	3.33	3.33	0	0.5	3.33	0 Yes	0 Thermal Discharging
SCH211	38	'1048462_/_1051087'		10	10	10	0	7.6	10	0 Yes	0 Thermal Discharging
SCH211	39	'1051791_/_1051788'		3.33	3.33	3.33	0	0.83	3.33	0 Yes	0 Thermal Discharging
SCH211	40	'459413424_/_459413383_1'		3.33	3.33	3.33	0	0.5	3.33	0 Yes	0 Thermal Discharging
SCH211	41	'1051825_/_1051822'		3.33	3.33	3.33	0	1.9	3.33	0 Yes	0 Thermal Discharging
SCH211	42	'459413364_/_459413383_2'		3.33	3.33	2.73	0	0.5	3.33	0 Yes	0 Thermal Discharging
SCH211	43	'691606547_/_1048460'		10	10	10	0	7.6	10	0 Yes	0 Thermal Discharging
SCH211	44	'691606656_/_691606651'		10	10	10	0	7.6	10	0 Yes	0 Thermal Discharging
SCH211	45	'691606714_/_691606711'		10	10	10	0	7.6	10	0 Yes	0 Thermal Discharging
SCH211	46	'708358679_/_691606729_1'		10	10	10	0	7.6	10	0 Yes	0 Thermal Discharging
SCH211	47	'691606732_/_691606729_2'		10	10	10	0	7.6	10	0 Yes	0 Thermal Discharging
SCH211	48	'691606793_/_691606769_1'		10	10	10	0	2.5	10	0 Yes	0 Thermal Discharging
SCH211	49	'691606753_/_691606769_2'		10	10	10	0	2.5	10	0 Yes	0 Thermal Discharging
SCH211	50	'691606611_/_691606660'		10	10	10	0	7.6	10	0 Yes	0 Thermal Discharging
SCH211	51	'1048463_/_691606615'		10	10	10	0	7.6	10	0 Yes	0 Thermal Discharging
SCH211	52	'1052614_/_1054937'		10	10	10	0	7.6	10	0 Yes	0 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SCH211	53	'1033213_/_1052407'	3.33	3.33	3.33	2.73	0	0.83	3.33	0 Yes	0 Thermal Discharging
SCH211	54	'1047936_/_1047985'	3.33	3.33	3.33	2.73	0	0.83	3.33	0 Yes	0 Thermal Discharging
SCH211	55	'1047962_/_1047972_1'	3.33	3.33	3.33	2.73	0	0.5	3.33	0 Yes	0 Thermal Discharging
SCH211	56	'42945659_/_459413318_2'	3.33	3.33	3.33	2.73	0	0.5	3.33	0 Yes	0 Thermal Discharging
SCH211	57	'594980645_/_594980556_1'	3.33	3.33	3.33	2.73	0	0.5	3.33	0 Yes	0 Thermal Discharging
SCH211	58	'1052615_/_1052612'	10	10	10	10	0	7.6	10	0 Yes	0 Thermal Discharging
SCH211	59	'594980540_/_594980556_2'	3.33	3.33	3.33	2.73	0	0.5	3.33	0 Yes	0 Thermal Discharging
SCH211	60	'1033227_/_1047933'	3.33	3.33	3.33	2.73	0	0.83	3.33	0 Yes	0 Thermal Discharging
SCH211	61	'42945648_/_1033211'	3.33	3.33	3.33	2.73	0	0.83	3.33	0 Yes	0 Thermal Discharging
SCH211	62	'42945692_/_1047972_2'	3.33	3.33	3.33	2.73	0	0.5	3.33	0 Yes	0 Thermal Discharging
SCH211	63	'42945703_/_1047946'	3.33	3.33	3.33	2.73	0	0.83	3.33	0 Yes	0 Thermal Discharging
SCH211	64	'1047949_/_42945705'	3.33	3.33	3.33	2.73	0	0.83	3.33	0 Yes	0 Thermal Discharging
SCH211	65	'1033214_/_42945650'	3.33	3.33	3.33	2.73	0	0.83	3.33	0 Yes	0 Thermal Discharging
SCH211	66	'1047975_/_42945694'	3.33	3.33	3.33	2.73	0	0.5	3.33	0 Yes	0 Thermal Discharging
SCH211	67	'757109893_/_10331198'	3.33	3.33	3.33	2.73	0	0.5	3.33	0 Yes	0 Thermal Discharging
SCH211	68	'1033090_/_1033224'	3.33	3.33	3.33	2.73	0	0.83	3.33	0 Yes	0 Thermal Discharging
SCH211	69	'432631776_/_707968329_1'	3.33	3.33	3.33	2.73	0	0.1	3.33	0 Yes	0 Thermal Discharging
SCH211	70	'432631768_/_707968329_2'	3.33	3.33	3.33	2.73	0	0.1	3.33	0 Yes	0 Thermal Discharging
SCH211	71	'42945670_/_757109897'	3.33	3.33	3.33	2.73	0	0.5	3.33	0 Yes	0 Thermal Discharging
SCH211	72	'42945725_/_1033185'	3.33	3.33	3.33	2.73	0	0.83	3.33	0 Yes	0 Thermal Discharging
SCH211	73	'1052647_/_1052811'	10	10	10	10	0	7.6	10	0 Yes	0 Thermal Discharging
SCH211	74	'1052634_/_1052632_1'	3.33	3.33	3.33	3.33	0	0.8	3.33	0 Yes	0 Thermal Discharging
SCH211	75	'51459125_/_1052834'	10	10	10	10	0	7.6	10	0 Yes	0 Thermal Discharging
SCH211	76	'117649430_/_391005190'	10	10	10	10	0	7.6	10	0 Yes	0 Thermal Discharging
SCH211	77	'117649446_/_391004692'	10	10	10	10	0	7.6	10	0 Yes	0 Thermal Discharging
SCH211	78	'56148744_/_391005157'	10	10	10	10	0	7.6	10	0 Yes	0 Thermal Discharging
SCH211	79	'1048004_/_1048001'	3.33	3.33	3.33	2.73	0	0.83	3.33	0 Yes	0 Thermal Discharging
SCH211	80	'56148853_/_391005217'	10	10	10	10	0	7.6	10	0 Yes	0 Thermal Discharging
SCH211	81	'56148952_/_391005256'	10	10	10	10	0	7.6	10	0 Yes	0 Thermal Discharging
SCH211	82	'56149051_/_391005306'	10	10	10	10	0	7.6	10	0 Yes	0 Thermal Discharging
SCH211	83	'56149110_/_391004669'	10	10	10	10	0	7.6	10	0 Yes	0 Thermal Discharging
SCH211	84	'1052686_/_391005345'	10	10	10	10	0	7.6	10	0 Yes	0 Thermal Discharging
SCH211	85	'117649212_/_391005390'	10	10	10	10	0	7.6	10	0 Yes	0 Thermal Discharging
SCH211	86	'117649156_/_391005430'	10	10	10	10	0	7.6	10	0 Yes	0 Thermal Discharging
SCH211	87	'117649101_/_391005480'	10	10	10	10	0	7.6	10	0 Yes	0 Thermal Discharging
SCH211	88	'106337362_/_391004646'	10	10	10	10	0	7.6	10	0 Yes	0 Thermal Discharging
SCH211	89	'106337341_/_391004623'	10	10	10	10	0	7.6	10	0 Yes	0 Thermal Discharging
SCH211	90	'117650930_/_391005546'	10	10	10	10	0	7.6	10	0 Yes	0 Thermal Discharging
SCH211	91	'117651151_/_117650872_1'	10	10	10	10	0	2.5	10	0 Yes	0 Thermal Discharging
SCH211	92	'106337302_/_391004553'	10	10	10	10	0	7.6	10	0 Yes	0 Thermal Discharging
SCH211	93	'391004482_/_391004504'	10	10	10	10	0	7.6	10	0 Yes	0 Thermal Discharging
SCH211	94	'106337250_/_391004480'	10	10	10	10	0	7.6	10	0 Yes	0 Thermal Discharging
SCH211	95	'42945736_/_1048030'	3.33	3.33	3.33	2.73	0	0.83	3.33	0 Yes	0 Thermal Discharging
SCH211	96	'391004408_/_391004457'	10	10	10	10	0	7.6	10	0 Yes	0 Thermal Discharging
SCH211	97	'106337208_/_391004406'	10	10	10	10	0	7.6	10	0 Yes	0 Thermal Discharging
SCH211	98	'106337187_/_391005652'	10	10	10	10	0	7.6	10	0 Yes	0 Thermal Discharging
SCH211	99	'757109855_/_10331146'	3.33	3.33	3.33	2.73	0	0.5	3.33	0 Yes	0 Thermal Discharging
SCH211	100	'117650875_/_117650872_2'	10	10	10	10	0	2.5	10	0 Yes	0 Thermal Discharging
SCH211	101	'391004272_/_391005675'	10	10	10	10	0	7.6	10	0 Yes	0 Thermal Discharging
SCH211	102	'391004273_/_391004270'	10	10	10	10	0	7.6	10	0 Yes	0 Thermal Discharging
SCH211	103	'106337145_/_391005767'	10	10	10	10	0	7.6	10	0 Yes	0 Thermal Discharging
SCH211	104	'1052582_/_391005790'	10	10	10	10	0	7.6	10	0 Yes	0 Thermal Discharging
SCH211	105	'389980427_/_389980424'	10	10	10	10	0	7.6	10	0 Yes	0 Thermal Discharging
SCH211	106	'389979125_/_389979122'	10	10	10	10	0	7.6	10	0 Yes	0 Thermal Discharging
SCH211	107	'421599353_/_1052902_1'	3.33	3.33	3.33	3.33	0	0.8	3.33	0 Yes	0 Thermal Discharging
SCH211	108	'117650896_/_117650893'	10	10	10	10	0	2.5	10	0 Yes	0 Thermal Discharging
SCH211	109	'389979162_/_389979159'	10	10	10	10	0	7.6	10	0 Yes	0 Thermal Discharging
SCH211	110	'421599369_/_1052902_2'	3.33	3.33	3.33	3.33	0	0.8	3.33	0 Yes	0 Thermal Discharging
SCH211	111	'117650913_/_117650910'	10	10	10	10	0	2.5	10	0 Yes	0 Thermal Discharging
SCH211	112	'117651124_/_117651087_1'	10	10	10	10	0	1.5	10	0 Yes	0 Thermal Discharging
SCH211	113	'389979199_/_389979196'	10	10	10	10	0	7.6	10	0 Yes	0 Thermal Discharging
SCH211	114	'389979236_/_389979233'	10	10	10	10	0	7.6	10	0 Yes	0 Thermal Discharging
SCH211	115	'389979273_/_389979270'	10	10	10	10	0	7.6	10	0 Yes	0 Thermal Discharging
SCH211	116	'389979310_/_389979307'	10	10	10	10	0	7.6	10	0 Yes	0 Thermal Discharging
SCH211	117	'117651076_/_117651087_2'	10	10	10	10	0	1.5	10	0 Yes	0 Thermal Discharging
SCH211	118	'389979347_/_389979344'	10	10	10	10	0	7.6	10	0 Yes	0 Thermal Discharging
SCH211	119	'1048033_/_42945738'	3.33	3.33	3.33	2.73	0	0.83	3.33	0 Yes	0 Thermal Discharging
SCH211	120	'389979384_/_389979381'	10	10	10	10	0	7.6	10	0 Yes	0 Thermal Discharging
SCH211	121	'389979421_/_389979418'	10	10	10	10	0	7.6	10	0 Yes	0 Thermal Discharging
SCH211	122	'389979458_/_389979455'	10	10	10	10	0	7.6	10	0 Yes	0 Thermal Discharging
SCH211	123	'389979495_/_389979492'	10	10	10	10	0	7.6	10	0 Yes	0 Thermal Discharging
SCH211	124	'389979532_/_389979529'	10	10	10	10	0	7.6	10	0 Yes	0 Thermal Discharging
SCH211	125	'1048017_/_1048014'	3.33	3.33	3.33	2.73	0	0.83	3.33	0 Yes	0 Thermal Discharging
SCH211	126	'389979569_/_389979566'	10	10	10	10	0	7.6	10	0 Yes	0 Thermal Discharging
SCH211	127	'389979606_/_389979603'	10	10	10	10	0	7.6	10	0 Yes	0 Thermal Discharging
SCH211	128	'389979640_/_389979637'	10	10	10	10	0	7.6	10	0 Yes	0 Thermal Discharging
SCH211	129	'389979680_/_389979677'	10	10	10	10	0	7.6	10	0 Yes	0 Thermal Discharging
SCH211	130	'389979717_/_389979714'	10	10	10	10	0	7.6	10	0 Yes	0 Thermal Discharging
SCH211	131	'389979754_/_389979751'	10	10	10	10	0	7.6	10	0 Yes	0 Thermal Discharging
SCH211	132	'389979791_/_389979788'	10	10	10	10	0	7.6	10	0 Yes	0 Thermal Discharging
SCH211	133	'389979828_/_389979825'	10	10	10	10	0	7.6	10	0 Yes	0 Thermal Discharging
SCH211	134	'389979865_/_389979862'	10	10	10	10	0	7.6	10	0 Yes	0 Thermal Discharging
SCH211	135	'389979902_/_389979899'	10	10	10	10	0	7.6	10	0 Yes	0 Thermal Discharging
SCH211	136	'1044318_/_3899801144'	10	10	10	10	0	7.6	10	0 Yes	0 Thermal Discharging
SCH211	137	'608783133_/_52986054_1'	10	10	10	10	0	7.6	10	0 Yes	0 Thermal Discharging
SCH211	138	'1044319_/_1044345_1'	3.33	3.33	3.33	3.33	0	0.8	3.33	0 Yes	0 Thermal Discharging
SCH211	139	'52986051_/_52986054_2'	10	10	10	10	0	7.6	10	0 Yes	0 Thermal Discharging
SCH211	140	'42945714_/_1048043'	3.33	3.33	3.33	2.73	0	0.83	3.33	0 Yes	0 Thermal Discharging
SCH211	141	'608783118_/_608783115'	10	10	10	10	0	7.6	10	0 Yes	0 Thermal Discharging
SCH211	142	'591836899_/_591836897'	10	10	10	10	0	7.6	10	0 Yes	0 Thermal Discharging
SCH211	143	'42945615_/_1048056'	3.33	3.33	3.33	2.73	0	0.83	3.33	0 Yes	0 Thermal Discharging
SCH211	144	'591836916_/_591836913'	10	10	10	10	0	7.6	10	0 Yes	0 Thermal Discharging
SCH211	145	'591836932_/_591836929'	10	10	10	10	0	7.6	10	0 Yes	0 Thermal Discharging
SCH211	146	'591836952_/_591836949'	10	10	10	10	0	7.6	10	0 Yes	0 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SCH211	147	'591836972_/_591836969'		10	10	10	0	7.6	10	0 Yes	0 Thermal Discharging
SCH211	148	'591836992_/_591836989'		10	10	10	0	7.6	10	0 Yes	0 Thermal Discharging
SCH211	149	'591838103_/_591837009'		10	10	10	0	7.6	10	0 Yes	0 Thermal Discharging
SCH211	150	'591837032_/_591837029'		10	10	10	0	7.6	10	0 Yes	0 Thermal Discharging
SCH211	151	'1052930_/_1052928'	3.33		3.33	3.33	0	0.8	3.33	0 Yes	0 Thermal Discharging
SCH211	152	'591837052_/_591837049'		10	10	10	0	7.6	10	0 Yes	0 Thermal Discharging
SCH211	153	'591837072_/_591837069'		10	10	10	0	7.6	10	0 Yes	0 Thermal Discharging
SCH211	154	'591837092_/_591837089'		10	10	10	0	7.6	10	0 Yes	0 Thermal Discharging
SCH211	155	'591837112_/_591837109'		10	10	10	0	7.6	10	0 Yes	0 Thermal Discharging
SCH211	156	'591837132_/_591837129'		10	10	10	0	7.6	10	0 Yes	0 Thermal Discharging
SCH211	157	'591837152_/_591837149'		10	10	10	0	7.6	10	0 Yes	0 Thermal Discharging
SCH211	158	'591837172_/_591837169'		10	10	10	0	7.6	10	0 Yes	0 Thermal Discharging
SCH211	159	'1048046_/_42945716'	3.33		3.33	2.73	0	0.83	3.33	0 Yes	0 Thermal Discharging
SCH211	160	'591837192_/_591837189'		10	10	10	0	7.6	10	0 Yes	0 Thermal Discharging
SCH211	161	'759103765_/_1044707_1'	3.33		3.33	3.33	0	0.8	3.33	0 Yes	0 Thermal Discharging
SCH211	162	'613621517_/_1044707_2'	3.33		3.33	3.33	0	0.8	3.33	0 Yes	0 Thermal Discharging
SCH211	163	'591837212_/_591837209'		10	10	10	0	7.6	10	0 Yes	0 Thermal Discharging
SCH211	164	'591837232_/_591837229'		10	10	10	0	7.6	10	0 Yes	0 Thermal Discharging
SCH211	165	'591837252_/_591837249'		10	10	10	0	7.6	10	0 Yes	0 Thermal Discharging
SCH211	166	'591837272_/_591837269'		10	10	10	0	7.6	10	0 Yes	0 Thermal Discharging
SCH211	167	'591837292_/_591837289'		10	10	10	0	7.6	10	0 Yes	0 Thermal Discharging
SCH211	168	'613621530_/_42944603'	3.33		3.33	3.33	0	0.8	3.33	0 Yes	0 Thermal Discharging
SCH211	169	'591837433_/_591837430'		10	10	10	0	7.6	10	0 Yes	0 Thermal Discharging
SCH211	170	'591837449_/_591837446'		10	10	10	0	7.6	10	0 Yes	0 Thermal Discharging
SCH211	171	'591837469_/_591837466'		10	10	10	0	7.6	10	0 Yes	0 Thermal Discharging
SCH211	172	'613621518_/_1044678'	3.33		3.33	3.33	0	0.8	3.33	0 Yes	0 Thermal Discharging
SCH211	173	'591837489_/_591837486'		10	10	10	0	7.6	10	0 Yes	0 Thermal Discharging
SCH211	174	'591837509_/_591837506'		10	10	10	0	7.6	10	0 Yes	0 Thermal Discharging
SCH211	175	'591837529_/_591837526'		10	10	10	0	7.6	10	0 Yes	0 Thermal Discharging
SCH211	176	'591837549_/_591837546'		10	10	10	0	7.6	10	0 Yes	0 Thermal Discharging
SCH211	177	'52986971_/_591837566'		10	10	10	0	7.6	10	0 Yes	0 Thermal Discharging
SCH211	178	'52987024_/_591837606'		10	10	10	0	7.6	10	0 Yes	0 Thermal Discharging
SCH211	179	'42946493_/_1052632_2'	3.33		3.33	3.33	0	0.8	3.33	0 Yes	0 Thermal Discharging
SCH211	180	'52987077_/_591837618'		10	10	10	0	7.6	10	0 Yes	0 Thermal Discharging
SCH211	181	'52987130_/_591837630'		10	10	10	0	7.6	10	0 Yes	0 Thermal Discharging
SCH211	182	'52987183_/_591837642'		10	10	10	0	7.6	10	0 Yes	0 Thermal Discharging
SCH211	183	'622507511_/_591837654'		10	10	10	0	7.6	10	0 Yes	0 Thermal Discharging
SCH211	184	'622507351_/_591837666'		10	10	10	0	7.6	10	0 Yes	0 Thermal Discharging
SCH211	185	'591837692_/_591837678'		10	10	10	0	7.6	10	0 Yes	0 Thermal Discharging
SCH211	186	'591837693_/_591837690'		10	10	10	0	7.6	10	0 Yes	0 Thermal Discharging
SCH211	187	'756542001_/_1044345_2'	3.33		3.33	3.33	0	0.8	3.33	0 Yes	0 Thermal Discharging
SCH211	188	'613621938_/_591837716'		10	10	10	0	7.6	10	0 Yes	0 Thermal Discharging
SCH211	189	'42946592_/_1052902_3'	3.33		3.33	3.33	0	0.8	3.33	0 Yes	0 Thermal Discharging
SCH211	190	'591837739_/_591837736'		10	10	10	0	7.6	10	0 Yes	0 Thermal Discharging
SCH211	191	'622507449_/_591837756'		10	10	10	0	7.6	10	0 Yes	0 Thermal Discharging
SCH211	192	'591837779_/_591837776'		10	10	10	0	7.6	10	0 Yes	0 Thermal Discharging
SCH211	193	'591837813_/_591837810'		10	10	10	0	7.6	10	0 Yes	0 Thermal Discharging
SCH211	194	'622507658_/_591837846'		10	10	10	0	7.6	10	0 Yes	0 Thermal Discharging
SCH211	195	'1044461_/_591837892'		10	10	10	0	7.6	10	0 Yes	0 Thermal Discharging
SCH211	196	'1044479_/_1044489_2'	3.33		3.33	3.33	0	1.8	3.33	0 Yes	0 Thermal Discharging
SCH211	197	'1044492_/_1044489_1'	3.33		3.33	3.33	0	0.1	3.33	0 Yes	0 Thermal Discharging
SCH211	198	'616005245_/_616005242'		10	10	10	0	7.6	10	0 Yes	0 Thermal Discharging
SCH211	199	'756541963_/_756542009'	3.33		3.33	3.33	0	0.8	3.33	0 Yes	0 Thermal Discharging
SCH211	200	'616005269_/_616005266'		10	10	10	0	7.6	10	0 Yes	0 Thermal Discharging
SCH211	201	'616005293_/_616005290'		10	10	10	0	7.6	10	0 Yes	0 Thermal Discharging
SCH211	202	'616005309_/_616005306'		10	10	10	0	7.6	10	0 Yes	0 Thermal Discharging
SCH211	203	'1033023_/_1033020'	3.33		3.33	2.73	0	0.83	3.33	0 Yes	0 Thermal Discharging
SCH211	204	'616005333_/_616005330'		10	10	10	0	7.6	10	0 Yes	0 Thermal Discharging
SCH211	205	'1033036_/_1033062_1'	3.33		3.33	2.73	0	0.5	3.33	0 Yes	0 Thermal Discharging
SCH211	206	'616005349_/_616005346'		10	10	10	0	7.6	10	0 Yes	0 Thermal Discharging
SCH211	207	'622507619_/_622507623'		10	10	10	0	7.6	10	0 Yes	0 Thermal Discharging
SCH211	208	'622507597_/_622507601'		10	10	10	0	7.6	10	0 Yes	0 Thermal Discharging
SCH211	209	'622507561_/_622507565'		10	10	10	0	7.6	10	0 Yes	0 Thermal Discharging
SCH211	210	'42945626_/_1033062_2'	3.33		3.33	2.73	0	0.5	3.33	0 Yes	0 Thermal Discharging
SCH211	211	'591838392_/_591838389'		10	10	10	0	7.6	10	0 Yes	0 Thermal Discharging
SCH211	212	'591838410_/_591838407'		10	10	10	0	7.6	10	0 Yes	0 Thermal Discharging
SCH211	213	'591838428_/_591838425'		10	10	10	0	7.6	10	0 Yes	0 Thermal Discharging
SCH211	214	'616004903_/_616004759'		10	10	10	0	7.6	10	0 Yes	0 Thermal Discharging
SCH211	215	'616004762_/_616004907'		10	10	10	0	7.6	10	0 Yes	0 Thermal Discharging
SCH211	216	'616004780_/_616004777'		10	10	10	0	7.6	10	0 Yes	0 Thermal Discharging
SCH211	217	'1033065_/_42945628'	3.33		3.33	2.4	0	0.5	3.33	0 Yes	0 Thermal Discharging
SCH211	218	'616004798_/_616004795'		10	10	10	0	7.6	10	0 Yes	0 Thermal Discharging
SCH211	219	'616004894_/_616004813'		10	10	10	0	7.6	10	0 Yes	0 Thermal Discharging
SCH211	220	'616005017_/_616004952'		10	10	10	0	7.6	10	0 Yes	0 Thermal Discharging
SCH211	221	'616004973_/_616004970'		10	10	10	0	7.6	10	0 Yes	0 Thermal Discharging
SCH211	222	'616004879_/_616004990'		10	10	10	0	7.6	10	0 Yes	0 Thermal Discharging
SCH211	223	'42945560_/_757109861'	0.93		3.33	2.73	0	0.5	3.33	0 Yes	0 Thermal Discharging
SCH211	224	'616004843_/_616004877'		10	10	10	0	7.6	10	0 Yes	0 Thermal Discharging
SCH211	225	'1047614_/_616004841'		10	10	10	0	7.6	10	0 Yes	0 Thermal Discharging
SCH211	226	'616004860_/_616004857'		10	10	10	0	7.6	10	0 Yes	0 Thermal Discharging
SCH211	227	'1044845_/_1044843_1'	3.33		3.33	3.33	0	0.1	3.33	0 Yes	0 Thermal Discharging
SCH211	228	'616005683_/_616005680'		10	10	10	0	7.6	10	0 Yes	0 Thermal Discharging
SCH211	229	'1044846_/_1044843_2'	3.33		3.33	3.33	0	0.1	3.33	0 Yes	0 Thermal Discharging
SCH211	230	'617563906_/_616005696_1'		10	10	10	0	7.6	10	0 Yes	0 Thermal Discharging
SCH211	231	'616005718_/_616005696_2'		10	10	10	0	7.6	10	0 Yes	0 Thermal Discharging
SCH211	232	'613838944_/_1072076_1'	6.67		6.67	6.67	0	1.7	6.67	0 Yes	0 Thermal Discharging
SCH211	233	'616005719_/_616005716'		10	10	10	0	7.6	10	0 Yes	0 Thermal Discharging
SCH211	234	'616005739_/_616005736'		10	10	10	0	7.6	10	0 Yes	0 Thermal Discharging
SCH211	235	'616005759_/_616005756'		10	10	10	0	7.6	10	0 Yes	0 Thermal Discharging
SCH211	236	'616005779_/_616005776'		10	10	10	0	7.6	10	0 Yes	0 Thermal Discharging
SCH211	237	'613622974_/_1072076_2'	6.67		6.67	6.67	0	1.7	6.67	0 Yes	0 Thermal Discharging
SCH211	238	'616005799_/_616005796'		10	10	10	0	7.6	10	0 Yes	0 Thermal Discharging
SCH211	239	'616005819_/_616005816'		10	10	10	0	7.6	10	0 Yes	0 Thermal Discharging
SCH211	240	'616005839_/_616005836'		10	10	10	0	7.6	10	0 Yes	0 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SCH211	241	'616005859___/616005856'	10		10	10	0	7.6	10	0 Yes	0 Thermal Discharging
SCH211	242	'616005879___/616005876'	10		10	10	0	7.6	10	0 Yes	0 Thermal Discharging
SCH211	243	'616005905___/616005902'	10		10	10	0	7.6	10	0 Yes	0 Thermal Discharging
SCH211	244	'616005944___/616005922'	10		10	10	0	7.6	10	0 Yes	0 Thermal Discharging
SCH211	245	'616005945___/616005942'	10		10	10	0	7.6	10	0 Yes	0 Thermal Discharging
SCH211	246	'616005965___/616005962'	10		10	10	0	7.6	10	0 Yes	0 Thermal Discharging
SCH211	247	'616005985___/616005982'	10		10	10	0	7.6	10	0 Yes	0 Thermal Discharging
SCH211	248	'616006005___/616006002'	10		10	10	0	7.6	10	0 Yes	0 Thermal Discharging
SCH211	249	'616006031___/616006028'	10		10	10	0	7.6	10	0 Yes	0 Thermal Discharging
SCH211	250	'616006051___/616006048'	10		10	10	0	7.6	10	0 Yes	0 Thermal Discharging
SCH211	251	'1072007___/1072004'	3.33		3.33	3.33	0	2.53	3.33	0 Yes	0 Thermal Discharging
SCH211	252	'616006071___/616006068'	10		10	10	0	7.6	10	0 Yes	0 Thermal Discharging
SCH211	253	'616006091___/616006088'	10		10	10	0	7.6	10	0 Yes	0 Thermal Discharging
SCH211	254	'616006111___/616006108'	10		10	10	0	7.6	10	0 Yes	0 Thermal Discharging
SCH211	255	'616006131___/616006128'	10		10	10	0	7.6	10	0 Yes	0 Thermal Discharging
SCH211	256	'756541925___/756541971'	3.33		3.33	3.33	0	0.8	3.33	0 Yes	0 Thermal Discharging
SCH211	257	'616006151___/616006148'	10		10	10	0	7.6	10	0 Yes	0 Thermal Discharging
SCH211	258	'616006171___/616006168'	10		10	10	0	7.6	10	0 Yes	0 Thermal Discharging
SCH211	259	'616006191___/616006188'	10		10	10	0	7.6	10	0 Yes	0 Thermal Discharging
SCH211	260	'616006221___/50661999_2'	3.33		3.33	3.33	0	0.6	3.33	0 Yes	0 Thermal Discharging
SCH211	261	'616006349___/616006346'	10		10	10	0	7.6	10	0 Yes	0 Thermal Discharging
SCH211	262	'616006427___/616006424'	10		10	10	0	7.6	10	0 Yes	0 Thermal Discharging
SCH211	263	'42944557___/756541933'	3.33		3.33	3.33	0	0.8	3.33	0 Yes	0 Thermal Discharging
SCH211	264	'616006447___/616006444'	10		10	10	0	7.6	10	0 Yes	0 Thermal Discharging
SCH211	265	'50662002___/50661999_1'	3.33		3.33	3.33	0	0.6	3.33	0 Yes	0 Thermal Discharging
SCH211	266	'616006467___/616006464'	10		10	10	0	7.6	10	0 Yes	0 Thermal Discharging
SCH211	267	'616006487___/616006484'	10		10	10	0	7.6	10	0 Yes	0 Thermal Discharging
SCH211	268	'616006507___/616006504'	10		10	10	0	7.6	10	0 Yes	0 Thermal Discharging
SCH211	269	'616006527___/616006524'	10		10	10	0	7.6	10	0 Yes	0 Thermal Discharging
SCH211	270	'708300985___/1044358'	3.33		3.33	3.33	0	0.8	3.33	0 Yes	0 Thermal Discharging
SCH211	271	'616006547___/616006544'	10		10	10	0	7.6	10	0 Yes	0 Thermal Discharging
SCH211	272	'616006567___/616006564'	10		10	10	0	7.6	10	0 Yes	0 Thermal Discharging
SCH211	273	'1075153___/1075224_1'	3.33		3.33	3.33	0	0.5	3.33	0 Yes	0 Thermal Discharging
SCH211	274	'616006586___/616006584'	10		10	10	0	7.6	10	0 Yes	0 Thermal Discharging
SCH211	275	'616006607___/616006604'	10		10	10	0	7.6	10	0 Yes	0 Thermal Discharging
SCH211	276	'1033078___/1033075_1'	3.33		3.33	2.4	0	0.83	3.33	0 Yes	0 Thermal Discharging
SCH211	277	'1048116___/1033075_2'	3.33		3.33	2.4	0	0.83	3.33	0 Yes	0 Thermal Discharging
SCH211	278	'616006386___/616006372'	10		10	10	0	7.6	10	0 Yes	0 Thermal Discharging
SCH211	279	'1075154___/1075224_2'	3.33		3.33	3.33	0	0.5	3.33	0 Yes	0 Thermal Discharging
SCH211	280	'616006387___/616006384'	10		10	10	0	7.6	10	0 Yes	0 Thermal Discharging
SCH211	281	'616006407___/616006404'	10		10	10	0	7.6	10	0 Yes	0 Thermal Discharging
SCH211	282	'617562837___/617562835'	10		10	10	0	7.6	10	0 Yes	0 Thermal Discharging
SCH211	283	'613839434___/1054747_2'	10		10	10	0	5.5	10	0 Yes	0 Thermal Discharging
SCH211	284	'617562873___/617562851'	10		10	10	0	7.6	10	0 Yes	0 Thermal Discharging
SCH211	285	'617562874___/617562871'	10		10	10	0	7.6	10	0 Yes	0 Thermal Discharging
SCH211	286	'708300922___/708300991'	0.93		3.33	3.33	0	0.8	3.33	0 Yes	0 Thermal Discharging
SCH211	287	'42950702___/1054747_1'	10		10	10	0	2.5	10	0 Yes	0 Thermal Discharging
SCH211	288	'617562894___/617562891'	10		10	10	0	7.6	10	0 Yes	0 Thermal Discharging
SCH211	289	'617562914___/617562911'	10		10	10	0	7.6	10	0 Yes	0 Thermal Discharging
SCH211	290	'617562934___/617562931'	10		10	10	0	7.6	10	0 Yes	0 Thermal Discharging
SCH211	291	'613764673___/42950661_1'	3.33		3.33	3.33	0	0.8	3.33	0 Yes	0 Thermal Discharging
SCH211	292	'617562954___/617562951'	10		10	10	0	7.6	10	0 Yes	0 Thermal Discharging
SCH211	293	'617562974___/617562971'	10		10	10	0	7.6	10	0 Yes	0 Thermal Discharging
SCH211	294	'42950659___/42950661_2'	3.33		3.33	3.33	0	0.8	3.33	0 Yes	0 Thermal Discharging
SCH211	295	'617562994___/617562991'	10		10	10	0	7.6	10	0 Yes	0 Thermal Discharging
SCH211	296	'362393094___/617563011_1'	10		10	10	0	7.6	10	0 Yes	0 Thermal Discharging
SCH211	297	'362393074___/617563011_2'	10		10	10	0	7.6	10	0 Yes	0 Thermal Discharging
SCH211	298	'617563014___/617563011_3'	10		10	10	0	7.6	10	0 Yes	0 Thermal Discharging
SCH211	299	'362393054___/617563031_1'	10		10	10	0	7.6	10	0 Yes	0 Thermal Discharging
SCH211	300	'617563034___/617563031_2'	10		10	10	0	7.6	10	0 Yes	0 Thermal Discharging
SCH211	301	'617563073___/617563051'	10		10	10	0	7.6	10	0 Yes	0 Thermal Discharging
SCH211	302	'617564310___/617563071_1'	10		10	10	0	7.6	10	0 Yes	0 Thermal Discharging
SCH211	303	'617563074___/617563071_2'	10		10	10	0	7.6	10	0 Yes	0 Thermal Discharging
SCH211	304	'613839734___/1054532_3'	10		10	10	0	5.5	10	0 Yes	0 Thermal Discharging
SCH211	305	'613839720___/1054447_2'	10		10	10	0	7.6	10	0 Yes	0 Thermal Discharging
SCH211	306	'617563094___/617563091'	10		10	10	0	7.6	10	0 Yes	0 Thermal Discharging
SCH211	307	'1054388___/1054447_1'	10		10	10	0	2.5	10	0 Yes	0 Thermal Discharging
SCH211	308	'617563114___/617563111'	10		10	10	0	7.6	10	0 Yes	0 Thermal Discharging
SCH211	309	'1052989___/1054924'	0.53		3.33	3.33	0	0.8	3.33	0 Yes	0 Thermal Discharging
SCH211	310	'617563134___/617563131'	10		10	10	0	7.6	10	0 Yes	0 Thermal Discharging
SCH211	311	'617563154___/617563151'	10		10	10	0	7.6	10	0 Yes	0 Thermal Discharging
SCH211	312	'617563174___/617563171'	10		10	10	0	7.6	10	0 Yes	0 Thermal Discharging
SCH211	313	'617563194___/617563191'	10		10	10	0	7.6	10	0 Yes	0 Thermal Discharging
SCH211	314	'617563213___/617563211'	10		10	10	0	7.6	10	0 Yes	0 Thermal Discharging
SCH211	315	'617563234___/617563231'	10		10	10	0	7.6	10	0 Yes	0 Thermal Discharging
SCH211	316	'614893462___/1054784_2'	3.33		3.33	3.33	0	2.53	3.33	0 Yes	0 Thermal Discharging
SCH211	317	'1052918___/42946594'	0.6		3.33	3.33	0	0.8	3.33	0 Yes	0 Thermal Discharging
SCH211	318	'617563331___/617563328'	10		10	10	0	7.6	10	0 Yes	0 Thermal Discharging
SCH211	319	'757109821___/757109825'	0.5		3.33	2.73	0	0.5	3.33	0 Yes	0 Thermal Discharging
SCH211	320	'1054404___/1054784_1'	3.33		3.33	3.33	0	0.8	3.33	0 Yes	0 Thermal Discharging
SCH211	321	'617563347___/617563344'	10		10	10	0	7.6	10	0 Yes	0 Thermal Discharging
SCH211	322	'614894561___/613805008_2'	3.33		3.33	3.33	0	2.53	3.33	0 Yes	0 Thermal Discharging
SCH211	323	'614893602___/613805008_1'	3.33		3.33	3.33	0	0.1	3.33	0 Yes	0 Thermal Discharging
SCH211	324	'617563366___/617563364'	10		10	10	0	7.6	10	0 Yes	0 Thermal Discharging
SCH211	325	'617563387___/617563384'	10		10	10	0	7.6	10	0 Yes	0 Thermal Discharging
SCH211	326	'617563407___/617563404'	10		10	10	0	7.6	10	0 Yes	0 Thermal Discharging
SCH211	327	'49198893___/1074999_1'	3.33		3.33	3.33	0	0.8	3.33	0 Yes	0 Thermal Discharging
SCH211	328	'617563427___/617563424'	10		10	10	0	7.6	10	0 Yes	0 Thermal Discharging
SCH211	329	'614893928___/1072670_1'	3.33		3.33	3.33	0	0.6	3.33	0 Yes	0 Thermal Discharging
SCH211	330	'617563466___/617563444'	10		10	10	0	7.6	10	0 Yes	0 Thermal Discharging
SCH211	331	'617563467___/617563464'	10		10	10	0	7.6	10	0 Yes	0 Thermal Discharging
SCH211	332	'617563487___/617563484'	10		10	10	0	7.6	10	0 Yes	0 Thermal Discharging
SCH211	333	'614893680___/1074999_2'	3.33		3.33	3.33	0	0.8	3.33	0 Yes	0 Thermal Discharging
SCH211	334	'617563507___/617563504'	10		10	10	0	7.6	10	0 Yes	0 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SCH211	335	'617563527_/_617563524'	10	10	10	0	7.6	10	0	Yes	0 Thermal Discharging
SCH211	336	'617563546_/_617563544'	10	10	10	0	7.6	10	0	Yes	0 Thermal Discharging
SCH211	337	'613805421_/_1072670_2'	3.33	3.33	3.33	0	0.6	3.33	0	Yes	0 Thermal Discharging
SCH211	338	'613805680_/_613805615'	3.33	3.33	3.33	0	2.53	3.33	0	Yes	0 Thermal Discharging
SCH211	339	'617563566_/_617563564'	10	10	10	0	7.6	10	0	Yes	0 Thermal Discharging
SCH211	340	'759104070_/_613805810_1'	3.33	3.33	3.33	0	0.8	3.33	0	Yes	0 Thermal Discharging
SCH211	341	'617563587_/_617563584'	10	10	10	0	7.6	10	0	Yes	0 Thermal Discharging
SCH211	342	'613764725_/_42950671'	3.33	3.33	3.33	0	0.8	3.33	0	Yes	0 Thermal Discharging
SCH211	343	'757109787_/_757109791'	0.47	3.33	2.73	0	0.5	3.33	0	Yes	0 Thermal Discharging
SCH211	344	'617563607_/_617563604'	10	10	10	0	7.6	10	0	Yes	0 Thermal Discharging
SCH211	345	'614894277_/_42944459_1'	3.33	3.33	3.33	0	0.8	3.33	0	Yes	0 Thermal Discharging
SCH211	346	'617563627_/_617563624'	10	10	10	0	7.6	10	0	Yes	0 Thermal Discharging
SCH211	347	'1054503_/_1054532_2'	10	10	10	0	2.5	10	0	Yes	0 Thermal Discharging
SCH211	348	'614894139_/_613805810_2'	3.33	3.33	3.33	0	0.8	3.33	0	Yes	0 Thermal Discharging
SCH211	349	'617563647_/_617563644'	10	10	10	0	7.6	10	0	Yes	0 Thermal Discharging
SCH211	350	'1054520_/_613764729'	3.33	3.33	3.33	0	0.8	3.33	0	Yes	0 Thermal Discharging
SCH211	351	'614893755_/_613805360'	3.33	3.33	3.33	0	0.8	3.33	0	Yes	0 Thermal Discharging
SCH211	352	'617563687_/_617563664'	10	10	10	0	7.6	10	0	Yes	0 Thermal Discharging
SCH211	353	'617563686_/_617563684'	10	10	10	0	7.6	10	0	Yes	0 Thermal Discharging
SCH211	354	'614894242_/_42944459_2'	3.33	3.33	3.33	0	0.8	3.33	0	Yes	0 Thermal Discharging
SCH211	355	'617563726_/_617563704'	10	10	10	0	7.6	10	0	Yes	0 Thermal Discharging
SCH211	356	'614894506_/_1072777_1'	3.33	3.33	3.33	0	0.8	3.33	0	Yes	0 Thermal Discharging
SCH211	357	'617563746_/_617563724'	10	10	10	0	7.6	10	0	Yes	0 Thermal Discharging
SCH211	358	'1054486_/_1054532_1'	10	10	10	0	1.5	10	0	Yes	0 Thermal Discharging
SCH211	359	'617563747_/_617563744'	10	10	10	0	7.6	10	0	Yes	0 Thermal Discharging
SCH211	360	'1075002_/_614893759'	3.33	3.33	3.33	0	0.8	3.33	0	Yes	0 Thermal Discharging
SCH211	361	'613838247_/_617563764'	10	10	10	0	7.6	10	0	Yes	0 Thermal Discharging
SCH211	362	'614894471_/_1072777_2'	3.33	3.33	3.33	0	0.8	3.33	0	Yes	0 Thermal Discharging
SCH211	363	'1054405_/_1054402'	3.33	3.33	3.33	0	0.8	3.33	0	Yes	0 Thermal Discharging
SCH211	364	'657937747_/_657937744'	10	10	10	0	7.6	10	0	Yes	0 Thermal Discharging
SCH211	365	'657937763_/_657937760'	10	10	10	0	7.6	10	0	Yes	0 Thermal Discharging
SCH211	366	'657937783_/_657937780'	10	10	10	0	7.6	10	0	Yes	0 Thermal Discharging
SCH211	367	'657937803_/_657937800'	10	10	10	0	7.6	10	0	Yes	0 Thermal Discharging
SCH211	368	'613838391_/_657937820'	10	10	10	0	7.6	10	0	Yes	0 Thermal Discharging
SCH211	369	'613838428_/_657937832'	10	10	10	0	7.6	10	0	Yes	0 Thermal Discharging
SCH211	370	'613838464_/_657937844'	10	10	10	0	7.6	10	0	Yes	0 Thermal Discharging
SCH211	371	'613838500_/_657937856'	10	10	10	0	7.6	10	0	Yes	0 Thermal Discharging
SCH211	372	'613838536_/_657937868'	10	10	10	0	7.6	10	0	Yes	0 Thermal Discharging
SCH211	373	'613838587_/_657937880'	10	10	10	0	7.6	10	0	Yes	0 Thermal Discharging
SCH211	374	'613838623_/_657937892'	10	10	10	0	7.6	10	0	Yes	0 Thermal Discharging
SCH211	375	'613838659_/_657937904'	10	10	10	0	7.6	10	0	Yes	0 Thermal Discharging
SCH211	376	'614894761_/_657937916'	10	10	10	0	7.6	10	0	Yes	0 Thermal Discharging
SCH211	377	'1032825_/_1032823'	0.4	3.33	2.73	0	0.5	3.33	0	Yes	0 Thermal Discharging
SCH211	378	'67917177_/_657937928'	10	10	10	0	7.6	10	0	Yes	0 Thermal Discharging
SCH211	379	'67917214_/_1072841_1'	3.33	3.33	3.33	0	0.8	3.33	0	Yes	0 Thermal Discharging
SCH211	380	'657938084_/_657938082'	10	10	10	0	7.6	10	0	Yes	0 Thermal Discharging
SCH211	381	'657938100_/_657938098'	10	10	10	0	7.6	10	0	Yes	0 Thermal Discharging
SCH211	382	'657938120_/_657938118'	10	10	10	0	7.6	10	0	Yes	0 Thermal Discharging
SCH211	383	'614895045_/_657938138'	10	10	10	0	7.6	10	0	Yes	0 Thermal Discharging
SCH211	384	'67917185_/_1072841_2'	3.33	3.33	3.33	0	0.8	3.33	0	Yes	0 Thermal Discharging
SCH211	385	'1071901_/_657938180_1'	10	10	10	0	7.6	10	0	Yes	0 Thermal Discharging
SCH211	386	'614958423_/_657938180_2'	10	10	10	0	7.6	10	0	Yes	0 Thermal Discharging
SCH211	387	'657938206_/_657938203'	10	10	10	0	7.6	10	0	Yes	0 Thermal Discharging
SCH211	388	'614958485_/_1072870_1'	3.33	3.33	3.33	0	0.8	3.33	0	Yes	0 Thermal Discharging
SCH211	389	'657938221_/_657938219'	10	10	10	0	7.6	10	0	Yes	0 Thermal Discharging
SCH211	390	'657937689_/_42945430_1'	3.33	3.33	3.33	0	0.8	3.33	0	Yes	0 Thermal Discharging
SCH211	391	'657938241_/_657938239'	10	10	10	0	7.6	10	0	Yes	0 Thermal Discharging
SCH211	392	'657938261_/_657938259'	10	10	10	0	7.6	10	0	Yes	0 Thermal Discharging
SCH211	393	'657938281_/_657938279'	10	10	10	0	7.6	10	0	Yes	0 Thermal Discharging
SCH211	394	'614958409_/_1072870_2'	3.33	3.33	3.33	0	0.8	3.33	0	Yes	0 Thermal Discharging
SCH211	395	'657938301_/_657938299'	10	10	10	0	7.6	10	0	Yes	0 Thermal Discharging
SCH211	396	'1044361_/_708300928'	0.47	3.33	3.33	0	0.8	3.33	0	Yes	0 Thermal Discharging
SCH211	397	'657938321_/_657938319'	10	10	10	0	7.6	10	0	Yes	0 Thermal Discharging
SCH211	398	'614958293_/_42945430_2'	3.33	3.33	3.33	0	0.8	3.33	0	Yes	0 Thermal Discharging
SCH211	399	'657938341_/_657938339'	10	10	10	0	7.6	10	0	Yes	0 Thermal Discharging
SCH211	400	'657938361_/_657938359'	10	10	10	0	7.6	10	0	Yes	0 Thermal Discharging
SCH211	401	'1044305_/_1044420'	0.47	3.33	3.33	0	0.8	3.33	0	Yes	0 Thermal Discharging
SCH211	402	'657938381_/_657938379'	10	10	10	0	7.6	10	0	Yes	0 Thermal Discharging
SCH211	403	'1032839_/_1032991_1'	0.37	3.33	2.73	0	0.3	3.33	0	Yes	0 Thermal Discharging
SCH211	404	'50648908_/_1032991_2'	0.37	3.33	2.73	0	0.3	3.33	0	Yes	0 Thermal Discharging
SCH211	405	'614958417_/_614925144'	3.33	3.33	3.33	0	0.8	3.33	0	Yes	0 Thermal Discharging
SCH211	406	'1044374_/_1044371'	0.47	3.33	3.33	0	0.8	3.33	0	Yes	0 Thermal Discharging
SCH211	407	'614958403_/_614925097'	3.33	3.33	3.33	0	0.8	3.33	0	Yes	0 Thermal Discharging
SCH211	408	'42946637_/_1053003'	0.3	3.33	3.33	0	0.8	3.33	0	Yes	0 Thermal Discharging
SCH211	409	'1044306_/_42944537'	0.3	3.33	3.33	0	0.8	3.3	0	Yes	0 Thermal Discharging
SCH211	410	'1044387_/_1044384'	0.3	3.33	3.33	0	0.8	3.27	0	Yes	0 Thermal Discharging
SCH211	411	'42945604_/_1032920'	0.23	3.33	2.4	0	0.5	3.26	0	Yes	0 Thermal Discharging
SCH211	412	'1054733_/_42950704'	0.9	10	10	0	2.5	9.36	0	Yes	0 Thermal Discharging
SCH211	413	'1044277_/_1052987'	0.23	3.33	3.33	0	0.8	3.19	0	Yes	0 Thermal Discharging
SCH211	414	'1054679_/_1054730'	0.8	10	10	0	2.5	9.2	0	Yes	0 Thermal Discharging
SCH211	415	'1054662_/_1054676'	0.8	10	10	0	2.5	9.16	0	Yes	0 Thermal Discharging
SCH211	416	'1054646_/_1054693'	0.8	10	10	0	2.5	9.14	0	Yes	0 Thermal Discharging
SCH211	417	'1054608_/_1054643'	0.8	10	10	0	2.5	9.07	0	Yes	0 Thermal Discharging
SCH211	418	'42950715_/_1054660'	0.27	3.33	3.33	0	0.83	2.98	0	Yes	0 Thermal Discharging
SCH211	419	'1054609_/_1054606'	0.8	10	10	0	2.5	8.93	0	Yes	0 Thermal Discharging
SCH211	420	'42944898_/_42944900'	0.27	3.33	3.33	0	0.83	2.98	0	Yes	0 Thermal Discharging
SCH211	421	'640227194_/_640227158_1'	0.27	3.33	3.33	0	0.1	2.98	0	Yes	0 Thermal Discharging
SCH211	422	'1054876_/_1054873'	0.8	10	10	0	2.5	8.88	0	Yes	0 Thermal Discharging
SCH211	423	'42944513_/_1044287'	0.23	3.33	3.33	0	0.8	3.04	0	Yes	0 Thermal Discharging
SCH211	424	'640227142_/_640227158_2'	0.27	3.33	3.33	0	0.1	2.94	0	Yes	0 Thermal Discharging
SCH211	425	'1054663_/_42950717'	0.23	3.33	3.33	0	0.83	2.92	0	Yes	0 Thermal Discharging
SCH211	426	'1032812_/_42945606'	0.2	3.33	2.4	0	0.5	2.99	0	Yes	0 Thermal Discharging
SCH211	427	'756254284_/_1032810'	0.2	3.33	2.4	0	0.5	2.99	0	Yes	0 Thermal Discharging
SCH211	428	'756254247_/_1033004'	0.2	3.33	2.4	0	0.5	2.98	0	Yes	0 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SCH211	429	'756254516_/756254288'	0.2	3.33	2.4	0	0.5	2.99	0 Yes	0	Thermal Discharging
SCH211	430	'756254434_/756254251'	0.2	3.33	2.4	0	0.5	2.98	0 Yes	0	Thermal Discharging
SCH211	431	'1054893_/1054890'	0.7	10	10	0	2.5	8.67	0 Yes	0	Thermal Discharging
SCH211	432	'1033007_/756254438'	0.2	3.33	2.4	0	0.5	2.96	0 Yes	0	Thermal Discharging
SCH211	433	'38080278_/9089869_1'	0.2	3.33	2.4	0	0.5	2.96	0 Yes	0	Thermal Discharging
SCH211	434	'1044276_/42944371'	0.23	3.33	3.33	0	0.8	2.96	0 Yes	0	Thermal Discharging
SCH211	435	'9089872_/9089869_2'	0.2	3.33	2.4	0	0.5	2.94	0 Yes	0	Thermal Discharging
SCH211	436	'268074910_/268074947'	0.2	3.33	2.4	0	0.5	2.93	0 Yes	0	Thermal Discharging
SCH211	437	'1054910_/1054907'	0.7	10	10	0	2.5	8.52	0 Yes	0	Thermal Discharging
SCH211	438	'1044290_/42944515'	0.2	3.33	3.33	0	0.8	2.91	0 Yes	0	Thermal Discharging
SCH211	439	'1053006_/42946639'	0.2	3.33	3.33	0	0.8	2.91	0 Yes	0	Thermal Discharging
SCH211	440	'42950534_/1074942'	0.6	10	10	0	2.5	8.34	0 Yes	0	Thermal Discharging
SCH211	441	'1074945_/42950536'	0.6	10	10	0	2.5	8.16	0 Yes	0	Thermal Discharging
SCH211	442	'467223042_/756254520'	0.17	3.33	2.4	0	0.5	2.77	0 Yes	0	Thermal Discharging
SCH211	443	'55053806_/55053784'	0.17	3.33	2.4	0	0.5	2.77	0 Yes	0	Thermal Discharging
SCH211	444	'55728041_/55728024_1'	0.17	3.33	2.4	0	0.3	2.77	0 Yes	0	Thermal Discharging
SCH211	445	'55728017_/55728024_2'	0.17	3.33	2.4	0	0.3	2.74	0 Yes	0	Thermal Discharging
SCH211	446	'1054387_/1054385'	0.5	10	10	0	2.5	7.49	0 Yes	0	Thermal Discharging
SCH211	447	'42944413_/1071714'	0.23	3.33	3.33	0	0.8	2.46	0 Yes	0	Thermal Discharging
SCH211	448	'1072355_/1072372'	0.5	10	10	0	2.5	7.36	0 Yes	0	Thermal Discharging
SCH211	449	'1072338_/1072352'	0.5	10	10	0	2.5	7.21	0 Yes	0	Thermal Discharging
SCH211	450	'1072321_/1072335'	0.5	10	10	0	2.5	7.11	0 Yes	0	Thermal Discharging
SCH211	451	'42944909_/1072445'	0.17	3.33	3.33	0	0.83	2.36	0 Yes	0	Thermal Discharging
SCH211	452	'1071730_/1071727'	0.2	3.33	3.33	0	0.8	2.31	0 Yes	0	Thermal Discharging
SCH211	453	'1072320_/1072318'	0.4	10	10	0	2.5	6.86	0 Yes	0	Thermal Discharging
SCH211	454	'42944446_/1071869'	0.17	3.33	3.33	0	0.8	2.26	0 Yes	0	Thermal Discharging
SCH211	455	'42944481_/1071740'	0.17	3.33	3.33	0	0.8	2.22	0 Yes	0	Thermal Discharging
SCH211	456	'1071872_/42944448'	0.17	3.33	3.33	0	0.8	2.21	0 Yes	0	Thermal Discharging
SCH211	457	'1072448_/42944911'	0.17	3.33	3.33	0	0.83	2.23	0 Yes	0	Thermal Discharging
SCH211	458	'42944920_/1072429'	0.17	3.33	3.33	0	0.83	2.22	0 Yes	0	Thermal Discharging
SCH211	459	'1072392_/1072409'	0.4	10	10	0	2.5	6.56	0 Yes	0	Thermal Discharging
SCH211	460	'51259273_/1071885'	0.17	3.33	3.33	0	0.8	2.15	0 Yes	0	Thermal Discharging
SCH211	461	'51259283_/51259082'	0.17	3.33	3.33	0	0.8	2.14	0 Yes	0	Thermal Discharging
SCH211	462	'1071743_/42944483'	0.17	3.33	3.33	0	0.8	2.13	0 Yes	0	Thermal Discharging
SCH211	463	'51259287_/51259110'	0.17	3.33	3.33	0	0.8	2.12	0 Yes	0	Thermal Discharging
SCH211	464	'51259291_/51259134'	0.17	3.33	3.33	0	0.8	2.11	0 Yes	0	Thermal Discharging
SCH211	465	'42944424_/51258949'	0.17	3.33	3.33	0	0.8	2.1	0 Yes	0	Thermal Discharging
SCH211	466	'759992069_/1071769'	0.17	3.33	3.33	0	0.8	2.1	0 Yes	0	Thermal Discharging
SCH211	467	'51259295_/51259158'	0.17	3.33	3.33	0	0.8	2.1	0 Yes	0	Thermal Discharging
SCH211	468	'51259299_/51259182'	0.17	3.33	3.33	0	0.8	2.08	0 Yes	0	Thermal Discharging
SCH211	469	'51259303_/51259210'	0.17	3.33	3.33	0	0.8	2.07	0 Yes	0	Thermal Discharging
SCH211	470	'51259307_/51259238'	0.13	3.33	3.33	0	0.8	2.05	0 Yes	0	Thermal Discharging
SCH211	471	'51432222_/51432185_1'	0.13	3.33	3.33	0	0.5	2.05	0 Yes	0	Thermal Discharging
SCH211	472	'42944885_/42944887'	0.4	10	10	0	2.5	6.21	0 Yes	0	Thermal Discharging
SCH211	473	'42944435_/759992075'	0.13	3.33	3.33	0	0.8	2.04	0 Yes	0	Thermal Discharging
SCH211	474	'1072432_/42944922'	0.13	3.33	3.33	0	0.83	2.05	0 Yes	0	Thermal Discharging
SCH211	475	'51432178_/51432185_2'	0.13	3.33	3.33	0	0.5	2	0 Yes	0	Thermal Discharging
SCH211	476	'1071686_/1071782'	0.13	3.33	3.33	0	0.8	1.96	0 Yes	0	Thermal Discharging
SCH211	477	'1072391_/1072389'	0.3	10	10	0	2.5	5.88	0 Yes	0	Thermal Discharging
SCH211	478	'42944380_/1071684'	0.13	3.33	3.33	0	0.8	1.87	0 Yes	0	Thermal Discharging
SCH211	479	'1048117_/1048114_1'	3.33	3.33	1.73	0	0.1	1.68	0 Yes	0	Thermal Discharging
SCH211	480	'1048133_/1048114_2'	3.33	3.33	1.73	0	0.1	1.68	0 Yes	0	Thermal Discharging
SCH211	481	'1071687_/42944382'	0.1	3.33	3.33	0	0.8	1.8	0 Yes	0	Thermal Discharging
SCH211	482	'1054469_/1054467_1'	0.5	10	6.2	0	0.6	4.32	0 Yes	0	Thermal Discharging
SCH211	483	'1048146_/1048143'	0.2	2.4	1.73	0	0.1	1.23	0 Yes	0	Thermal Discharging
SCH211	484	'1048162_/1048159'	0.07	2.07	1.4	0	0.1	0.79	0 Yes	0	Thermal Discharging
SCH211	485	'432631783_/1054954_3'	3.33	1.07	1.4	0	0.1	0.7	0 Yes	0	Thermal Discharging
SCH211	486	'432631791_/1054954_2'	3.33	1.07	1.4	0	0.1	0.69	0 Yes	0	Thermal Discharging
SCH211	487	'1044505_/1044515_1'	3.33	1.07	1.4	0	0.1	0.66	0 Yes	0	Thermal Discharging
SCH211	488	'1048203_/1048266'	0.07	1.93	1.4	0	0.1	0.73	0 Yes	0	Thermal Discharging
SCH211	489	'42945758_/1048279'	0.07	1.97	1.4	0	0.1	0.69	0 Yes	0	Thermal Discharging
SCH211	490	'42945791_/1048292'	0.07	1.27	1.4	0	0.1	0.69	0 Yes	0	Thermal Discharging
SCH211	491	'1075164_/1075162_1'	3.33	1.07	1.4	0	0.1	0.61	0 Yes	0	Thermal Discharging
SCH211	492	'415975270_/1054954_1'	3.33	1.07	1.4	0	0.1	0.62	0 Yes	0	Thermal Discharging
SCH211	493	'50661965_/1075162_2'	3.33	1.07	1.4	0	0.1	0.6	0 Yes	0	Thermal Discharging
SCH211	494	'1048295_/42945793'	0.03	1.03	1.4	0	0.1	0.65	0 Yes	0	Thermal Discharging
SCH211	495	'1048282_/42945760'	0.03	0.97	1.4	0	0.1	0.61	0 Yes	0	Thermal Discharging
SCH211	496	'1075065_/50661962'	0.07	1.07	1.07	0	0.1	0.55	0 Yes	0	Thermal Discharging
SCH211	497	'415975252_/415975272'	0.07	1.07	1.07	0	0.1	0.52	0 Yes	0	Thermal Discharging
SCH211	498	'50741928_/1075063'	0.07	1.07	1.07	0	0.1	0.5	0 Yes	0	Thermal Discharging
SCH211	499	'50741955_/50741925'	0.03	1.07	1.07	0	0.1	0.47	0 Yes	0	Thermal Discharging
SCH211	500	'1044859_/50742072_2'	3.33	0.73	1.07	0	0.1	0.42	0 Yes	0	Thermal Discharging
SCH211	501	'50742075_/50742072_1'	3.33	0.73	1.07	0	0.1	0.42	0 Yes	0	Thermal Discharging
SCH211	502	'613753769_/50741952'	0.03	1.07	1.07	0	0.1	0.44	0 Yes	0	Thermal Discharging
SCH211	503	'614893639_/1054837_1'	3.33	0.73	1.07	0	0.1	0.41	0 Yes	0	Thermal Discharging
SCH211	504	'1054812_/1054837_2'	3.33	0.73	1.07	0	0.1	0.41	0 Yes	0	Thermal Discharging
SCH211	505	'415975234_/415975254'	0.07	0.73	1.07	0	0.1	0.44	0 Yes	0	Thermal Discharging
SCH211	506	'1032851_/753172378_2'	3.33	0.73	1.07	0	0.1	0.4	0 Yes	0	Thermal Discharging
SCH211	507	'1054370_/1054467_2'	0.1	1.5	0.5	0	0.6	1.41	0 Yes	0	Thermal Discharging
SCH211	508	'42945769_/1048172'	0.03	0.57	1.4	0	0.1	0.45	0 Yes	0	Thermal Discharging
SCH211	509	'753172374_/753172378_1'	3.33	0.73	1.07	0	0.1	0.38	0 Yes	0	Thermal Discharging
SCH211	510	'613753788_/613753773'	0.03	1.03	1.07	0	0.1	0.4	0 Yes	0	Thermal Discharging
SCH211	511	'1048204_/1048201'	0.03	0.5	1.4	0	0.1	0.42	0 Yes	0	Thermal Discharging
SCH211	512	'1048407_/1048418'	0.03	0.5	1.4	0	0.1	0.41	0 Yes	0	Thermal Discharging
SCH211	513	'42945780_/1048253'	0.03	0.5	1.4	0	0.1	0.41	0 Yes	0	Thermal Discharging
SCH211	514	'42945824_/1048405'	0.03	0.47	1.4	0	0.1	0.4	0 Yes	0	Thermal Discharging
SCH211	515	'1075066_/613753792'	0.03	0.93	1.07	0	0.1	0.38	0 Yes	0	Thermal Discharging
SCH211	516	'1048408_/8460652_2'	0.03	0.47	1.4	0	0.1	0.4	0 Yes	0	Thermal Discharging
SCH211	517	'415975216_/415975236'	0.03	0.9	1.07	0	0.1	0.37	0 Yes	0	Thermal Discharging
SCH211	518	'1048256_/42945782'	0.03	0.47	1.4	0	0.1	0.39	0 Yes	0	Thermal Discharging
SCH211	519	'415975198_/415975218'	0.03	0.83	1.07	0	0.1	0.34	0 Yes	0	Thermal Discharging
SCH211	520	'42944803_/1054368'	0.1	1.1	0.3	0	0.6	1.1	0 Yes	0	Thermal Discharging
SCH211	521	'613753811_/1075076'	0.03	0.83	1.07	0	0.1	0.33	0 Yes	0	Thermal Discharging
SCH211	522	'613763170_/613753815'	0.03	0.67	1.07	0	0.1	0.31	0 Yes	0	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SCH211	523	'415975180_/415975200'		0.03	0.63	1.07	0	0.1	0.31	0 Yes	0 Thermal Discharging
SCH211	524	'759142322_/759142326'		0.03	0.7	0.73	0	0.1	0.27	0 Yes	0 Thermal Discharging
SCH211	525	'613763189_/613763174'		0.03	0.83	1.07	0	0.1	0.29	0 Yes	0 Thermal Discharging
SCH211	526	'1044885_/1044882'		0.03	0.67	1.07	0	0.1	0.27	0 Yes	0 Thermal Discharging
SCH211	527	'415975162_/415975182'		0.03	0.63	1.07	0	0.1	0.28	0 Yes	0 Thermal Discharging
SCH211	528	'757264846_/1044515_2'		0.03	0.73	1.07	0	0.1	0.27	0 Yes	0 Thermal Discharging
SCH211	529	'1075079_/613763193'		0.03	0.63	1.07	0	0.1	0.27	0 Yes	0 Thermal Discharging
SCH211	530	'42944656_/1047659'		0.03	0.63	1.07	0	0.1	0.25	0 Yes	0 Thermal Discharging
SCH211	531	'42950639_/1054862'		0.03	0.63	0.73	0	0.1	0.24	0 Yes	0 Thermal Discharging
SCH211	532	'42945505_/1048185'		0.03	0.33	1.07	0	0.1	0.27	0 Yes	0 Thermal Discharging
SCH211	533	'613763208_/1075089'		0.03	0.63	1.07	0	0.1	0.26	0 Yes	0 Thermal Discharging
SCH211	534	'1048217_/1048214'		0.03	0.33	1.07	0	0.1	0.27	0 Yes	0 Thermal Discharging
SCH211	535	'753172338_/753172342'		0.03	0.5	1.07	0	0.1	0.24	0 Yes	0 Thermal Discharging
SCH211	536	'8460655_/8460652_1'		0.03	0.3	1.4	0	0.1	0.27	0 Yes	0 Thermal Discharging
SCH211	537	'1072211_/1072225'		0.1	0.8	0.3	0	0.6	0.82	0 Yes	0 Thermal Discharging
SCH211	538	'1072129_/1072208'		0.1	0.8	0.3	0	0.6	0.81	0 Yes	0 Thermal Discharging
SCH211	539	'415975144_/415975164'		0.03	0.67	1.07	0	0.1	0.24	0 Yes	0 Thermal Discharging
SCH211	540	'613763227_/613763212'		0.03	0.67	1.07	0	0.1	0.24	0 Yes	0 Thermal Discharging
SCH211	541	'68820209_/68820212'		0.1	0.8	0.2	0	0.6	0.76	0 Yes	0 Thermal Discharging
SCH211	542	'1044530_/757264852'		0.03	0.6	1.07	0	0.1	0.23	0 Yes	0 Thermal Discharging
SCH211	543	'757264989_/1044528_1'		0.03	0.6	1.07	0	0.1	0.23	0 Yes	0 Thermal Discharging
SCH211	544	'757265198_/1044528_2'		0.03	0.63	1.07	0	0.1	0.23	0 Yes	0 Thermal Discharging
SCH211	545	'1075092_/613763231'		0.03	0.53	1.07	0	0.1	0.23	0 Yes	0 Thermal Discharging
SCH211	546	'68820296_/68820299'		0.1	0.7	0.2	0	0.6	0.72	0 Yes	0 Thermal Discharging
SCH211	547	'1081518_/1081515'		0.03	0.5	0.73	0	0.1	0.21	0 Yes	0 Thermal Discharging
SCH211	548	'1032868_/1032865'		0.03	0.4	1.07	0	0.1	0.21	0 Yes	0 Thermal Discharging
SCH211	549	'415975084_/415975146'		0.03	0.47	1.07	0	0.1	0.22	0 Yes	0 Thermal Discharging
SCH211	550	'49983649_/1075131'		0.03	0.43	1.07	0	0.1	0.21	0 Yes	0 Thermal Discharging
SCH211	551	'68820329_/68820332'		0.1	0.7	0.2	0	0.6	0.68	0 Yes	0 Thermal Discharging
SCH211	552	'1075120_/49983646'		0.03	0.43	1.07	0	0.1	0.21	0 Yes	0 Thermal Discharging
SCH211	553	'42945571_/1032962'		0.03	0.4	1.07	0	0.1	0.2	0 Yes	0 Thermal Discharging
SCH211	554	'1033161_/1033172'		0.03	0.6	1.07	0	0.1	0.21	0 Yes	0 Thermal Discharging
SCH211	555	'613879568_/1033159'		0.03	0.63	1.07	0	0.1	0.2	0 Yes	0 Thermal Discharging
SCH211	556	'42944767_/1072127'		0.1	0.7	0.2	0	0.6	0.65	0 Yes	0 Thermal Discharging
SCH211	557	'1032965_/42945573'		0.03	0.63	1.07	0	0.1	0.19	0 Yes	0 Thermal Discharging
SCH211	558	'415975104_/415975086'		0.03	0.4	1.07	0	0.1	0.2	0 Yes	0 Thermal Discharging
SCH211	559	'42950547_/1075118'		0.03	0.4	1.07	0	0.1	0.2	0 Yes	0 Thermal Discharging
SCH211	560	'68820389_/68820392'		0.1	0.7	0.2	0	0.6	0.61	0 Yes	0 Thermal Discharging
SCH211	561	'1047817_/1047814'		0.03	0.23	1.07	0	0.1	0.19	0 Yes	0 Thermal Discharging
SCH211	562	'1075052_/42950549'		0.03	0.37	1.07	0	0.1	0.18	0 Yes	0 Thermal Discharging
SCH211	563	'415975124_/415975106'		0.03	0.33	1.07	0	0.1	0.18	0 Yes	0 Thermal Discharging
SCH211	564	'39731204_/49983625'		0.03	0.33	1.07	0	0.1	0.18	0 Yes	0 Thermal Discharging
SCH211	565	'1047787_/1047843'		0.03	0.23	1.07	0	0.1	0.19	0 Yes	0 Thermal Discharging
SCH211	566	'42944779_/1072145'		0.1	0.6	0.2	0	0.6	0.57	0 Yes	0 Thermal Discharging
SCH211	567	'753172319_/1032881'		0.03	0.43	1.07	0	0.1	0.17	0 Yes	0 Thermal Discharging
SCH211	568	'1047761_/1047759_2'		0.03	0.23	1.07	0	0.1	0.18	0 Yes	0 Thermal Discharging
SCH211	569	'1075053_/1075050'		0.03	0.33	1.07	0	0.1	0.18	0 Yes	0 Thermal Discharging
SCH211	570	'1048084_/1048227'		0.03	0.23	1.07	0	0.1	0.18	0 Yes	0 Thermal Discharging
SCH211	571	'42944744_/1075102'		0.03	0.33	0.73	0	0.1	0.17	0 Yes	0 Thermal Discharging
SCH211	572	'379713323_/68820454_1'		0.1	0.6	0.2	0	0.6	0.54	0 Yes	0 Thermal Discharging
SCH211	573	'42946626_/415975126'		0.03	0.33	1.07	0	0.1	0.17	0 Yes	0 Thermal Discharging
SCH211	574	'68821292_/68820454_2'		0.1	0.6	0.2	0	0.6	0.54	0 Yes	0 Thermal Discharging
SCH211	575	'68820451_/68820454_3'		0.1	0.6	0.2	0	0.6	0.54	0 Yes	0 Thermal Discharging
SCH211	576	'1047762_/1047759_1'		0.03	0.23	1.07	0	0.1	0.17	0 Yes	0 Thermal Discharging
SCH211	577	'1075105_/42944746'		0.03	0.3	0.73	0	0.1	0.17	0 Yes	0 Thermal Discharging
SCH211	578	'121675565_/7167395'		0.03	0.3	1.07	0	0.1	0.16	0 Yes	0 Thermal Discharging
SCH211	579	'68820513_/68820516'		0.1	0.6	0.2	0	0.6	0.51	0 Yes	0 Thermal Discharging
SCH211	580	'415974956_/415974902'		0.03	0.3	1.07	0	0.1	0.16	0 Yes	0 Thermal Discharging
SCH211	581	'757265004_/1044528_3'		0.03	0.3	1.07	0	0.1	0.16	0 Yes	0 Thermal Discharging
SCH211	582	'42944816_/1072242'		0.1	0.6	0.3	0	0.6	0.5	0 Yes	0 Thermal Discharging
SCH211	583	'432631356_/415974958'		0.03	0.3	1.07	0	0.1	0.16	0 Yes	0 Thermal Discharging
SCH211	584	'42945494_/1047785'		0.03	0.23	1.07	0	0.1	0.16	0 Yes	0 Thermal Discharging
SCH211	585	'1047775_/1047772'		0.03	0.23	1.07	0	0.1	0.16	0 Yes	0 Thermal Discharging
SCH211	586	'1072163_/1072160'		0.1	0.6	0.2	0	0.6	0.48	0 Yes	0 Thermal Discharging
SCH211	587	'415974905_/432631358'		0.03	0.3	1.07	0	0.1	0.15	0 Yes	0 Thermal Discharging
SCH211	588	'415975033_/415974992_1'		0.03	0.3	1.07	0	0.1	0.15	0 Yes	0 Thermal Discharging
SCH211	589	'1047748_/1047830'		0.03	0.2	1.07	0	0.1	0.15	0 Yes	0 Thermal Discharging
SCH211	590	'1033051_/1048082'		0.03	0.2	1.07	0	0.1	0.15	0 Yes	0 Thermal Discharging
SCH211	591	'415974973_/415974992_2'		0.03	0.27	1.07	0	0.1	0.14	0 Yes	0 Thermal Discharging
SCH211	592	'1072110_/1072262'		0.1	0.5	0.3	0	0.3	0.46	0 Yes	0 Thermal Discharging
SCH211	593	'7200531_/8151151_1'		0.1	0.5	0.3	0	0.2	0.46	0 Yes	0 Thermal Discharging
SCH211	594	'753172270_/753172323'		0.03	0.47	0.73	0	0.1	0.14	0 Yes	0 Thermal Discharging
SCH211	595	'76763495_/1072175'		0.1	0.5	0.2	0	0.6	0.45	0 Yes	0 Thermal Discharging
SCH211	596	'1072109_/1072107'		0.1	0.5	0.3	0	0.3	0.45	0 Yes	0 Thermal Discharging
SCH211	597	'1044531_/757265012'		0.03	0.27	0.73	0	0.1	0.14	0 Yes	0 Thermal Discharging
SCH211	598	'42945747_/1048098'		0.03	0.2	1.07	0	0.1	0.14	0 Yes	0 Thermal Discharging
SCH211	599	'1047749_/1047746'		0.03	0.2	1.07	0	0.1	0.14	0 Yes	0 Thermal Discharging
SCH211	600	'76763494_/68820847'		0.1	0.5	0.2	0	0.6	0.43	0 Yes	0 Thermal Discharging
SCH211	601	'1047788_/42945496'		0.03	0.2	1.07	0	0.1	0.14	0 Yes	0 Thermal Discharging
SCH211	602	'1048101_/42945749'		0.03	0.2	1.07	0	0.1	0.14	0 Yes	0 Thermal Discharging
SCH211	603	'1072178_/121675528'		0.1	0.5	0.2	0	0.6	0.41	0 Yes	0 Thermal Discharging
SCH211	604	'76763514_/68820865'		0.1	0.5	0.2	0	0.6	0.41	0 Yes	0 Thermal Discharging
SCH211	605	'8151154_/8151151_2'		0.1	0.5	0.3	0	0.2	0.41	0 Yes	0 Thermal Discharging
SCH211	606	'42944579_/1044554'		0.03	0.23	0.73	0	0.1	0.12	0 Yes	0 Thermal Discharging
SCH211	607	'1044435_/1044798'		0.03	0.23	0.73	0	0.1	0.12	0 Yes	0 Thermal Discharging
SCH211	608	'68820895_/68820879'		0.1	0.5	0.2	0	0.6	0.39	0 Yes	0 Thermal Discharging
SCH211	609	'68820573_/68820578'		0.07	0.33	0.13	0	0.4	0.26	0 Yes	0 Thermal Discharging
SCH211	610	'1048324_/1048321'		0.03	0.2	1.07	0	0.1	0.13	0 Yes	0 Thermal Discharging
SCH211	611	'1047862_/1047859'		0.03	0.2	1.07	0	0.1	0.12	0 Yes	0 Thermal Discharging
SCH211	612	'68820913_/68820897'		0.1	0.5	0.2	0	0.6	0.37	0 Yes	0 Thermal Discharging
SCH211	613	'42945802_/1048337'		0.03	0.17	1.07	0	0.1	0.12	0 Yes	0 Thermal Discharging
SCH211	614	'1048353_/1048350'		0.03	0.17	1.07	0	0.1	0.12	0 Yes	0 Thermal Discharging
SCH211	615	'1045001_/1047672'		0.03	0.47	0.73	0	0.1	0.11	0 Yes	0 Thermal Discharging
SCH211	616	'1048366_/1048363'		0.03	0.17	1.07	0	0.1	0.12	0 Yes	0 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SCH211	617	'753172015_/_753172274'		0.03	0.33	0.73	0	0.1	0.11	0 Yes	0 Thermal Discharging
SCH211	618	'1044557_/_42944581'		0.03	0.23	0.73	0	0.1	0.11	0 Yes	0 Thermal Discharging
SCH211	619	'1048340_/_42945804'		0.03	0.17	1.07	0	0.1	0.12	0 Yes	0 Thermal Discharging
SCH211	620	'68820918_/_68820915'		0.1	0.5	0.2	0	0.6	0.35	0 Yes	0 Thermal Discharging
SCH211	621	'755000852_/_1048376'		0.03	0.17	1.07	0	0.1	0.11	0 Yes	0 Thermal Discharging
SCH211	622	'755000918_/_755000896_2'		0.03	0.17	1.07	0	0.1	0.11	0 Yes	0 Thermal Discharging
SCH211	623	'68821087_/_68821061'		0.03	0.17	0.07	0	0.2	0.11	0 Yes	0 Thermal Discharging
SCH211	624	'42945637_/_1033049'		0.03	0.17	1.07	0	0.1	0.11	0 Yes	0 Thermal Discharging
SCH211	625	'1048379_/_755000862'		0.03	0.17	1.07	0	0.1	0.11	0 Yes	0 Thermal Discharging
SCH211	626	'1032884_/_753172019'		0.03	0.3	0.73	0	0.1	0.1	0 Yes	0 Thermal Discharging
SCH211	627	'42945813_/_755000896_1'		0.03	0.17	1.07	0	0.1	0.11	0 Yes	0 Thermal Discharging
SCH211	628	'68821110_/_68821089'		0.03	0.13	0.07	0	0.2	0.11	0 Yes	0 Thermal Discharging
SCH211	629	'1032938_/_1032949'		0.03	0.27	0.73	0	0.1	0.1	0 Yes	0 Thermal Discharging
SCH211	630	'1048395_/_42945815'		0.03	0.17	1.07	0	0.1	0.1	0 Yes	0 Thermal Discharging
SCH211	631	'68821134_/_68821113'		0.03	0.13	0.07	0	0.2	0.11	0 Yes	0 Thermal Discharging
SCH211	632	'42944568_/_1044433'		0.03	0.2	0.73	0	0.1	0.1	0 Yes	0 Thermal Discharging
SCH211	633	'68821158_/_68821137'		0.03	0.13	0.07	0	0.2	0.1	0 Yes	0 Thermal Discharging
SCH211	634	'708301099_/_1044785'		0.03	0.2	0.73	0	0.1	0.09	0 Yes	0 Thermal Discharging
SCH211	635	'68821187_/_68821161'		0.03	0.13	0.07	0	0.2	0.09	0 Yes	0 Thermal Discharging
SCH211	636	'1032797_/_1047891'		0.03	0.17	1.07	0	0.1	0.08	0 Yes	0 Thermal Discharging
SCH211	637	'68821210_/_68821189'		0.03	0.13	0.07	0	0.2	0.09	0 Yes	0 Thermal Discharging
SCH211	638	'1032767_/_1047875'		0.03	0.17	1.07	0	0.1	0.08	0 Yes	0 Thermal Discharging
SCH211	639	'68821234_/_68821213'		0.03	0.13	0.07	0	0.2	0.08	0 Yes	0 Thermal Discharging
SCH211	640	'1033052_/_42945639'		0.03	0.13	1.07	0	0.1	0.08	0 Yes	0 Thermal Discharging
SCH211	641	'1044739_/_708301103'		0.03	0.17	0.73	0	0.1	0.08	0 Yes	0 Thermal Discharging
SCH211	642	'42945538_/_1047920'		0.03	0.17	1.07	0	0.1	0.08	0 Yes	0 Thermal Discharging
SCH211	643	'753172217_/_1032894'		0.03	0.2	0.73	0	0.1	0.07	0 Yes	0 Thermal Discharging
SCH211	644	'76763580_/_68821237'		0.03	0.13	0.07	0	0.2	0.08	0 Yes	0 Thermal Discharging
SCH211	645	'42944612_/_1044814'		0.03	0.17	0.73	0	0.1	0.07	0 Yes	0 Thermal Discharging
SCH211	646	'1047923_/_42945540'		0.03	0.13	1.07	0	0.1	0.07	0 Yes	0 Thermal Discharging
SCH211	647	'1044817_/_42944614'		0.03	0.17	0.73	0	0.1	0.07	0 Yes	0 Thermal Discharging
SCH211	648	'42945527_/_1047904'		0.03	0.13	1.07	0	0.1	0.07	0 Yes	0 Thermal Discharging
SCH211	649	'42945516_/_1032765'		0.03	0.13	0.73	0	0.1	0.06	0 Yes	0 Thermal Discharging
SCH211	650	'1032768_/_7830178_2'		0.03	0.13	0.73	0	0.1	0.06	0 Yes	0 Thermal Discharging
SCH211	651	'1032784_/_1032794'		0.03	0.13	0.73	0	0.1	0.06	0 Yes	0 Thermal Discharging
SCH211	652	'1044738_/_1044736'		0.03	0.17	0.73	0	0.1	0.06	0 Yes	0 Thermal Discharging
SCH211	653	'1047907_/_42945529'		0.03	0.13	0.73	0	0.1	0.06	0 Yes	0 Thermal Discharging
SCH211	654	'1032783_/_42945551'		0.03	0.13	0.73	0	0.1	0.06	0 Yes	0 Thermal Discharging
SCH211	655	'7830181_/_7830178_1'		0.03	0.13	0.73	0	0.1	0.06	0 Yes	0 Thermal Discharging
SCH211	656	'42945593_/_753172221'		0.03	0.17	0.73	0	0.1	0.05	0 Yes	0 Thermal Discharging
SCH211	657	'42944634_/_1044446'		0.03	0.13	0.73	0	0.1	0.05	0 Yes	0 Thermal Discharging
SCH211	658	'42944623_/_1044749'		0.03	0.13	0.73	0	0.1	0.05	0 Yes	0 Thermal Discharging
SCH211	659	'42950064_/_1072193'		0.07	0.2	0.13	0	0.4	0.09	0 Yes	0 Thermal Discharging
SCH211	660	'1044752_/_42944625'		0.03	0.13	0.73	0	0.1	0.04	0 Yes	0 Thermal Discharging
SCH211	661	'68322049_/_1032936'		0.03	0.13	0.73	0	0.1	0.03	0 Yes	0 Thermal Discharging
SCH211	662	'1072919_/_42950066'		0.07	0.2	0.13	0	0.4	0.08	0 Yes	0 Thermal Discharging
SCH211	663	'1072969_/_1072967_1'		0.03	0.1	0.07	0	0.1	0.04	0 Yes	0 Thermal Discharging
SCH211	664	'1072937_/_756579292_2'		0.07	0.2	0.13	0	0.4	0.08	0 Yes	0 Thermal Discharging
SCH211	665	'756579288_/_756579292_1'		0.07	0.2	0.13	0	0.1	0.07	0 Yes	0 Thermal Discharging
SCH211	666	'42944645_/_1044830'		0.03	0.1	0.73	0	0.1	0.02	0 Yes	0 Thermal Discharging
SCH211	667	'1045052_/_1072934'		0.07	0.2	0.13	0	0.1	0.05	0 Yes	0 Thermal Discharging
SCH211	668	'1045128_/_1072967_2'		0.03	0.1	0.07	0	0.1	0.02	0 Yes	0 Thermal Discharging
SCH211	669	'1045129_/_1045126'		0.03	0.1	0.07	0	0.1	0.01	0 Yes	0 Thermal Discharging
SCH211	670	'42944851_/_1045152'		0.03	0.07	0.07	0	0.1	0.01	0 Yes	0 Thermal Discharging
SCH211	671	'1044901_/_1044898'		0.03	0.13	0.73	0	0.1	0.01	0 Yes	0 Thermal Discharging
SCH211	672	'42944755_/_1045050'		0.07	0.13	0.13	0	0.1	0.02	0 Yes	0 Thermal Discharging
SCH211	673	'1045155_/_42944853'		0.03	0.07	0.07	0	0.1	0.01	0 Yes	0 Thermal Discharging
SCH211	674	'1044833_/_42944647'		0.03	0.1	0.73	0	0.1	0	0 Yes	0 Thermal Discharging
SCH211	675	'1044946_/_1044998'		0.03	0.1	0.73	0	0.1	0	0 Yes	0 Thermal Discharging
SCH211	676	'1045068_/_1045065'		0.07	0.13	0.13	0	0.1	0.01	0 Yes	0 Thermal Discharging
SCH211	677	'42944862_/_1045139'		0.03	0.07	0.07	0	0.1	0	0 Yes	0 Thermal Discharging
SCH211	678	'759992117_/_42944864'		0.03	0.07	0.07	0	0.1	0	0 Yes	0 Thermal Discharging
SCH211	679	'1044917_/_1044914'		0.03	0.1	0.73	0	0.1	0	0 Yes	0 Thermal Discharging
SCH211	680	'42944874_/_759992121'		0.03	0.07	0.07	0	0.1	0	0 Yes	0 Thermal Discharging
SCH211	681	'715948582_/_1045178'		0.03	0.07	0.07	0	0.1	0	0 Yes	0 Thermal Discharging
SCH211	682	'1045181_/_715948588'		0.03	0.07	0.07	0	0.1	0	0 Yes	0 Thermal Discharging
SCH211	683	'715948612_/_1045191'		0.03	0.07	0.07	0	0.1	0	0 Yes	0 Thermal Discharging
SCH211	684	'715948640_/_715948616'		0.03	0.07	0.07	0	0.1	0	0 Yes	0 Thermal Discharging
SCH211	685	'715948668_/_715948644'		0.03	0.07	0.07	0	0.1	0	0 Yes	0 Thermal Discharging
SCH211	686	'715948696_/_715948672'		0.03	0.07	0.07	0	0.1	0	0 Yes	0 Thermal Discharging
SCH211	687	'715948724_/_715948700'		0.03	0.07	0.07	0	0.1	0	0 Yes	0 Thermal Discharging
SCH211	688	'715948752_/_715948728'		0.03	0.07	0.07	0	0.1	0	0 Yes	0 Thermal Discharging
SCH211	689	'42944391_/_715948756'		0.03	0.07	0.07	0	0.1	0	0 Yes	0 Thermal Discharging
SCH211	690	'1045194_/_42944393'		0.03	0.07	0.07	0	0.1	0	0 Yes	0 Thermal Discharging
SCH211	691	'1045039_/_1045080'		0.07	0.13	0.13	0	0.1	0	0 Yes	0 Thermal Discharging
SCH211	692	'42944700_/_1045011'		0.03	0.1	0.4	0	0.1	0	0 Yes	0 Thermal Discharging
SCH211	693	'1072889_/_1072886'		0.07	0.13	0.13	0	0.1	0	0 Yes	0 Thermal Discharging
SCH211	694	'1045110_/_1072901'		0.07	0.13	0.13	0	0.1	0	0 Yes	0 Thermal Discharging
SCH211	695	'7519483_/_7519481_2'		0.03	0.07	0.07	0	0.05	0	0 Yes	0 Thermal Discharging
SCH211	696	'757265151_/_42944702'		0.03	0.1	0.4	0	0.1	0	0 Yes	0 Thermal Discharging
SCH211	697	'7519484_/_7519481_1'		0.03	0.07	0.07	0	0.05	0	0 Yes	0 Thermal Discharging
SCH211	698	'1045111_/_1045108'		0.07	0.13	0.13	0	0.1	0	0 Yes	0 Thermal Discharging
SCH211	699	'757265114_/_757265155'		0.03	0.1	0.4	0	0.1	0	0 Yes	0 Thermal Discharging
SCH211	700	'757265071_/_757265118'		0.03	0.1	0.4	0	0.1	0	0 Yes	0 Thermal Discharging
SCH211	701	'1044987_/_1045037'		0.03	0.07	0.07	0	0.05	0	0 Yes	0 Thermal Discharging
SCH211	702	'1045027_/_1045095'		0.03	0.07	0.07	0	0.05	0	0 Yes	0 Thermal Discharging
SCH211	703	'42944733_/_1044985'		0.03	0.07	0.07	0	0.05	0	0 Yes	0 Thermal Discharging
SCH211	704	'756579427_/_42944831'		0.03	0.07	0.07	0	0.05	0	0 Yes	0 Thermal Discharging
SCH211	705	'1072023_/_757265075'		0.03	0.07	0.4	0	0.1	0	0 Yes	0 Thermal Discharging
SCH211	706	'1044933_/_1044943'		0.03	0.07	0.4	0	0.1	0	0 Yes	0 Thermal Discharging
SCH211	707	'756579408_/_756579431'		0.03	0.07	0.07	0	0.05	0	0 Yes	0 Thermal Discharging
SCH211	708	'42944711_/_1072094'		0.03	0.07	0.4	0	0.1	0	0 Yes	0 Thermal Discharging
SCH211	709	'708805593_/_1072050'		0.03	0.07	0.4	0	0.1	0	0 Yes	0 Thermal Discharging
SCH211	710	'756579389_/_756579412'		0.03	0.07	0.07	0	0.05	0	0 Yes	0 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SCH211	711	'756579325_/_756579393'		0.03	0.07	0.07	0	0.05	0	0 Yes	0 Thermal Discharging
SCH211	712	'1072053_/_708805597'		0.03	0.07	0.4	0	0.1	0	0 Yes	0 Thermal Discharging
SCH211	713	'1072464_/_1072461'		0.03	0.07	0.4	0	0.1	0	0 Yes	0 Thermal Discharging
SCH211	714	'1045026_/_756579329'		0.03	0.03	0.07	0	0.05	0	0 Yes	0 Thermal Discharging
SCH211	715	'1072476_/_1072506'		0.03	0.07	0.4	0	0.1	0	0 Yes	0 Thermal Discharging
SCH211	716	'1072477_/_1072474'		0.03	0.07	0.4	0	0.1	0	0 Yes	0 Thermal Discharging
SCH211	717	'708805621_/_708805625'		0.03	0.07	0.4	0	0.1	0	0 Yes	0 Thermal Discharging
SCH211	718	'708805792_/_708805796'		0.03	0.07	0.4	0	0.1	0	0 Yes	0 Thermal Discharging
SCH211	719	'42944931_/_42944933'		0.03	0.07	0.4	0	0.1	0	0 Yes	0 Thermal Discharging
SCH211	720	'1072492_/_1072490'		0.03	0.07	0.4	0	0.1	0	0 Yes	0 Thermal Discharging
SCH211	721	'42944722_/_1072063'		0.03	0.07	0.4	0	0.1	0	0 Yes	0 Thermal Discharging
SCH211	722	'42944678_/_1044930'		0.03	0.07	0.4	0	0.1	0	0 Yes	0 Thermal Discharging
SCH211	723	'1072066_/_42944724'		0.03	0.07	0.4	0	0.1	0	0 Yes	0 Thermal Discharging
SCH211	724	'1044959_/_42944680'		0.03	0.03	0.4	0	0.1	0	0 Yes	0 Thermal Discharging
SCH211	725	'42944667_/_1044972'		0.03	0.03	0.4	0	0.1	0	0 Yes	0 Thermal Discharging
SCH211	726	'1044975_/_42944669'		0.03	0.03	0.4	0	0.1	0	0 Yes	0 Thermal Discharging
SCL311	0	'SCL311_/_4035182'		10	10	10	2.824	10	10	2.95 No	2.824 Thermal Discharging
SCL311	1	'4035157_/_4035182'		10	10	10	2.824	10	10	2.95 No	2.824 Thermal Discharging
SCL311	2	'4033293_/_4035137'		10	10	10	2.824	10	10	2.95 No	2.824 Thermal Discharging
SCL311	3	'118974698_/_4033358'		10	10	10	2.824	10	10	2.94 No	2.824 Thermal Discharging
SCL311	4	'4033360_/_118974896'		10	10	10	2.824	10	10	2.94 No	2.824 Thermal Discharging
SCL311	5	'124737433_/_120037659_1'		3.33	3.33	3.33	0.944	0.7	3.33	0.98 No	0.7 Element Fault
SCL311	6	'4033377_/_4033375'		10	10	10	2.824	10	10	2.94 No	2.824 Thermal Discharging
SCL311	7	'4022679_/_4035273'		10	10	10	2.824	10	10	2.94 No	2.824 Thermal Discharging
SCL311	8	'4022445_/_4022677'		10	10	10	2.824	10	10	2.94 No	2.824 Thermal Discharging
SCL311	9	'120037780_/_120037659_2'		3.33	3.33	3.33	0.944	0.3	3.33	0.98 No	0.3 Element Fault
SCL311	10	'4022258_/_4022443'		10	10	10	2.824	10	10	2.94 No	2.824 Thermal Discharging
SCL311	11	'120037744_/_120037659_3'		3.33	3.33	3.33	0.944	0.3	3.33	0.98 No	0.3 Element Fault
SCL311	12	'4022241_/_4022255'		10	10	10	2.824	10	10	2.94 No	2.824 Thermal Discharging
SCL311	13	'4022224_/_4022238'		10	10	10	2.824	10	10	2.94 No	2.824 Thermal Discharging
SCL311	14	'4022207_/_4022221'		10	10	10	2.824	10	10	2.94 No	2.824 Thermal Discharging
SCL311	15	'4021869_/_4022204'		10	10	10	2.824	10	10	2.94 No	2.824 Thermal Discharging
SCL311	16	'4021870_/_4021867'		10	10	10	2.824	10	10	2.94 No	2.824 Thermal Discharging
SCL311	17	'4022348_/_4021901'		10	10	10	2.824	10	10	2.94 No	2.824 Thermal Discharging
SCL311	18	'4022309_/_4022334'		10	10	10	2.824	10	10	2.93 No	2.824 Thermal Discharging
SCL311	19	'4021611_/_4022306'		10	10	10	2.824	10	10	2.93 No	2.824 Thermal Discharging
SCL311	20	'266691692_/_4021608'		10	10	10	2.824	10	10	2.93 No	2.824 Thermal Discharging
SCL311	21	'4021610_/_266691701'		10	10	10	2.824	10	10	2.93 No	2.824 Thermal Discharging
SCL311	22	'4021635_/_4021643'		10	10	10	2.824	10	10	2.93 No	2.824 Thermal Discharging
SCL311	23	'4021634_/_4021632'		10	10	10	2.824	10	10	2.93 No	2.824 Thermal Discharging
SCL311	24	'4021600_/_4021839'		10	10	10	2.824	10	10	2.93 No	2.824 Thermal Discharging
SCL311	25	'4021589_/_4021597'		10	10	10	2.824	10	10	2.93 No	2.824 Thermal Discharging
SCL311	26	'4021578_/_4021586'		10	10	10	2.824	10	10	2.93 No	2.824 Thermal Discharging
SCL311	27	'4021567_/_4021575'		10	10	10	2.824	10	10	2.93 No	2.824 Thermal Discharging
SCL311	28	'4021566_/_4021564'		10	10	10	2.824	10	10	2.93 No	2.824 Thermal Discharging
SCL311	29	'4021953_/_4021951'		10	10	10	2.824	10	10	2.93 No	2.824 Thermal Discharging
SCL311	30	'4022131_/_4022143'		10	10	10	2.824	10	10	2.93 No	2.824 Thermal Discharging
SCL311	31	'4021994_/_4022129'		10	10	10	2.824	10	10	2.93 No	2.824 Thermal Discharging
SCL311	32	'3996708_/_4021992'		10	10	10	2.824	10	10	2.93 No	2.824 Thermal Discharging
SCL311	33	'3996709_/_3996706'		10	10	10	2.824	10	10	2.92 No	2.824 Thermal Discharging
SCL311	34	'3996808_/_3996879'		10	10	10	2.824	10	10	2.92 No	2.824 Thermal Discharging
SCL311	35	'3996809_/_3996806'		10	10	10	2.824	10	10	2.92 No	2.824 Thermal Discharging
SCL311	36	'3996506_/_3996817'		10	10	10	2.824	10	10	2.92 No	2.824 Thermal Discharging
SCL311	37	'3996507_/_3996504'		10	10	10	2.824	10	10	2.92 No	2.824 Thermal Discharging
SCL311	38	'3996518_/_3996515'		10	10	10	2.824	10	10	2.92 No	2.824 Thermal Discharging
SCL311	39	'3996570_/_3996567'		10	10	10	2.824	10	10	2.92 No	2.824 Thermal Discharging
SCL311	40	'3996581_/_3996578'		10	10	10	2.824	10	10	2.92 No	2.824 Thermal Discharging
SCL311	41	'3996592_/_3996589'		10	10	10	2.824	10	10	2.92 No	2.824 Thermal Discharging
SCL311	42	'4047775_/_4047772'		10	10	10	2.824	10	10	2.92 No	2.824 Thermal Discharging
SCL311	43	'4047764_/_4047783'		10	10	10	2.824	10	10	2.92 No	2.824 Thermal Discharging
SCL311	44	'4047752_/_4047750'		10	10	10	2.824	10	10	2.92 No	2.824 Thermal Discharging
SCL311	45	'3996559_/_4048945'		10	10	10	2.824	10	10	2.92 No	2.824 Thermal Discharging
SCL311	46	'3996558_/_3996556'		10	10	10	2.824	10	10	2.92 No	2.824 Thermal Discharging
SCL311	47	'3997016_/_3997024'		10	10	10	2.824	10	10	2.91 No	2.824 Thermal Discharging
SCL311	48	'395914895_/_3997013'		10	10	10	2.824	10	10	2.91 No	2.824 Thermal Discharging
SCL311	49	'3996994_/_3997002'		10	10	10	2.824	10	10	2.91 No	2.824 Thermal Discharging
SCL311	50	'3996915_/_3996991'		10	10	10	2.824	10	10	2.91 No	2.824 Thermal Discharging
SCL311	51	'3996904_/_3996912'		10	10	10	2.824	10	10	2.91 No	2.824 Thermal Discharging
SCL311	52	'3996893_/_3996901'		10	10	10	2.824	10	10	2.91 No	2.824 Thermal Discharging
SCL311	53	'3996892_/_3996890'		10	10	10	2.824	10	10	2.91 No	2.824 Thermal Discharging
SCL311	54	'3997267_/_3997275'		10	10	10	2.824	10	10	2.91 No	2.824 Thermal Discharging
SCL311	55	'3997256_/_3997264'		10	10	10	2.824	10	10	2.91 No	2.824 Thermal Discharging
SCL311	56	'3997245_/_3997253'		10	10	10	2.824	10	10	2.91 No	2.824 Thermal Discharging
SCL311	57	'3997234_/_3997242'		10	10	10	2.824	10	10	2.91 No	2.824 Thermal Discharging
SCL311	58	'3997223_/_3997231'		10	10	10	2.824	10	10	2.91 No	2.824 Thermal Discharging
SCL311	59	'3997124_/_3997220'		10	10	10	2.824	10	10	2.91 No	2.824 Thermal Discharging
SCL311	60	'3997123_/_3997121'		10	10	10	2.824	10	10	2.91 No	2.824 Thermal Discharging
SCL311	61	'3997113_/_3997132'		10	10	10	2.824	10	10	2.91 No	2.824 Thermal Discharging
SCL311	62	'3997102_/_3997110'		10	10	10	2.824	10	10	2.9 No	2.824 Thermal Discharging
SCL311	63	'3996483_/_3997099'		10	10	10	2.824	10	10	2.9 No	2.824 Thermal Discharging
SCL311	64	'9074931_/_43425608_2'		10	10	10	2.824	10	10	2.9 No	2.824 Thermal Discharging
SCL311	65	'43425606_/_43425608_1'		10	10	10	2.824	10	10	2.9 No	2.824 Thermal Discharging
SCL311	66	'9074932_/_9711656_1'		3.33	3.33	3.33	0.944	1.2	3.33	0.97 No	0.944 Thermal Discharging
SCL311	67	'54040109_/_54040081'		10	10	10	2.824	10	10	2.9 No	2.824 Thermal Discharging
SCL311	68	'54040139_/_54040111'		10	10	10	2.824	10	10	2.9 No	2.824 Thermal Discharging
SCL311	69	'4044726_/_54040149'		10	10	10	2.824	10	10	2.9 No	2.824 Thermal Discharging
SCL311	70	'4044136_/_4044741'		10	10	10	2.824	10	10	2.9 No	2.824 Thermal Discharging
SCL311	71	'4044137_/_4044150_1'		3.33	3.33	3.33	0.944	1	3.33	0.97 No	0.944 Thermal Discharging
SCL311	72	'4044217_/_4044214'		10	10	10	2.824	10	10	2.9 No	2.824 Thermal Discharging
SCL311	73	'50282807_/_4044234'		10	10	10	2.824	10	10	2.9 No	2.824 Thermal Discharging
SCL311	74	'4044123_/_4044150_2'		3.33	3.33	3.33	0.944	1	3.33	0.97 No	0.944 Thermal Discharging
SCL311	75	'61697088_/_49452555_2'		3.33	3.33	3.33	0.944	2.9	3.33	0.97 No	0.944 Thermal Discharging
SCL311	76	'50786369_/_4003411'		10	10	10	2.824	10	10	2.9 No	2.824 Thermal Discharging
SCL311	77	'4003253_/_50786366'		10	10	10	2.824	10	10	2.9 No	2.824 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Over- Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SCL311	78	'49452558_/49452555_1'		3.33	3.33	3.33	0.944	1.2	3.33	0.97 No	0.944 Thermal Discharging
SCL311	79	'9711659_/9711656_2'		3.33	3.33	3.33	0.944	1.2	3.33	0.97 No	0.944 Thermal Discharging
SCL311	80	'4044179_/4044761'		10	10	10	2.824	8.8	10	2.9 No	2.824 Thermal Discharging
SCL311	81	'4003028_/4003251'		10	10	10	2.824	10	10	2.9 No	2.824 Thermal Discharging
SCL311	82	'71439401_/71439381_1'		10	10	10	2.824	3.8	10	2.9 No	2.824 Thermal Discharging
SCL311	83	'4003431_/4003428_2'		3.33	3.33	3.33	0.944	3.33	3.33	0.97 No	0.944 Thermal Discharging
SCL311	84	'4044180_/4044177'		10	10	10	2.824	8.8	10	2.9 No	2.824 Thermal Discharging
SCL311	85	'4003029_/4003026'		10	10	10	2.824	10	10	2.9 No	2.824 Thermal Discharging
SCL311	86	'4044200_/4044197'		10	10	10	2.824	8.8	10	2.9 No	2.824 Thermal Discharging
SCL311	87	'4003430_/4003428_1'		3.33	3.33	3.33	0.944	0.9	3.33	0.97 No	0.9 Element Fault
SCL311	88	'71439374_/71439381_2'		10	10	10	2.824	3.8	10	2.9 No	2.824 Thermal Discharging
SCL311	89	'4003046_/4003043'		10	10	10	2.824	10	10	2.9 No	2.824 Thermal Discharging
SCL311	90	'4043680_/4044023'		10	10	10	2.824	10	10	2.9 No	2.824 Thermal Discharging
SCL311	91	'43425569_/43425571'		10	10	10	2.824	8.8	10	2.9 No	2.824 Thermal Discharging
SCL311	92	'4043559_/4043677'		10	10	10	2.824	10	10	2.89 No	2.824 Thermal Discharging
SCL311	93	'4044253_/4044251'		10	10	10	2.824	8.8	10	2.9 No	2.824 Thermal Discharging
SCL311	94	'50737940_/50737937'		10	10	10	2.824	10	10	2.89 No	2.824 Thermal Discharging
SCL311	95	'8125129_/8125126_2'		10	10	10	2.824	8.8	10	2.9 No	2.824 Thermal Discharging
SCL311	96	'4043663_/4044778_2'		10	10	10	2.824	10	10	2.89 No	2.824 Thermal Discharging
SCL311	97	'4044656_/4044653'		10	10	10	2.824	8.8	10	2.9 No	2.824 Thermal Discharging
SCL311	98	'43425582_/4044670'		10	10	10	2.824	8.8	10	2.9 No	2.824 Thermal Discharging
SCL311	99	'4043646_/4044778_1'		10	10	10	2.824	10	10	2.89 No	2.824 Thermal Discharging
SCL311	100	'52815411_/52815224_1'		3.33	3.33	3.33	0.944	1.2	3.33	0.97 No	0.944 Thermal Discharging
SCL311	101	'9188227_/9188225_1'		3.33	3.33	3.33	0.944	1.2	3.33	0.96 No	0.944 Thermal Discharging
SCL311	102	'7294497_/9503678_2'		3.33	3.33	3.33	0.944	2.93	3.33	0.97 No	0.944 Thermal Discharging
SCL311	103	'4002670_/4043643'		10	10	10	2.824	10	10	2.89 No	2.824 Thermal Discharging
SCL311	104	'4044690_/43425584'		10	10	10	2.824	8.8	10	2.9 No	2.824 Thermal Discharging
SCL311	105	'9379364_/4044707_1'		10	10	10	2.824	8.8	10	2.9 No	2.824 Thermal Discharging
SCL311	106	'43422241_/4043611'		3.33	3.33	3.33	0.944	3.33	3.33	0.96 No	0.944 Thermal Discharging
SCL311	107	'50769277_/4002667_2'		10	10	10	2.824	10	10	2.89 No	2.824 Thermal Discharging
SCL311	108	'4002669_/4002667_1'		10	10	10	2.824	10	10	2.89 No	2.824 Thermal Discharging
SCL311	109	'9379365_/9690446_1'		3.33	3.33	3.33	0.944	1.2	3.33	0.97 No	0.944 Thermal Discharging
SCL311	110	'4043614_/8553998_2'		3.33	3.33	3.33	0.944	3.33	3.33	0.96 No	0.944 Thermal Discharging
SCL311	111	'4002814_/4002812'		10	10	10	2.824	10	10	2.89 No	2.824 Thermal Discharging
SCL311	112	'7292822_/455925391'		3.33	3.33	3.33	0.944	3.33	3.33	0.96 No	0.944 Thermal Discharging
SCL311	113	'43425694_/4044707_2'		10	10	10	2.824	8.8	10	2.89 No	2.824 Thermal Discharging
SCL311	114	'9503680_/9503678_1'		3.33	3.33	3.33	0.944	0.5	3.33	0.97 No	0.5 Element Fault
SCL311	115	'9399876_/8125126_1'		10	10	10	2.824	2.3	10	2.9 No	2.3 Element Fault
SCL311	116	'4044321_/43425696_1'		10	10	10	2.824	4.7	10	2.89 No	2.824 Thermal Discharging
SCL311	117	'44070415_/4003077'		10	10	10	2.824	10	10	2.89 No	2.824 Thermal Discharging
SCL311	118	'4044304_/43425696_2'		10	10	10	2.824	4.7	10	2.89 No	2.824 Thermal Discharging
SCL311	119	'60159059_/4003060_1'		10	10	10	2.824	6.1	10	2.89 No	2.824 Thermal Discharging
SCL311	120	'4003154_/4003188'		10	10	10	2.824	10	10	2.89 No	2.824 Thermal Discharging
SCL311	121	'4043560_/4043557'		10	10	10	2.824	10	10	2.89 No	2.824 Thermal Discharging
SCL311	122	'7931143_/7931160_1'		10	10	10	2.824	3.8	10	2.89 No	2.824 Thermal Discharging
SCL311	123	'4003008_/4003060_2'		10	10	10	2.824	6.1	10	2.89 No	2.824 Thermal Discharging
SCL311	124	'7292821_/7292819'		3.33	3.33	3.33	0.944	1.2	3.33	0.96 No	0.944 Thermal Discharging
SCL311	125	'4003137_/4003151'		10	10	10	2.824	10	10	2.89 No	2.824 Thermal Discharging
SCL311	126	'54312040_/54311997_1'		10	10	10	2.824	3.8	10	2.89 No	2.824 Thermal Discharging
SCL311	127	'4002940_/4003006'		10	10	10	2.824	6.1	10	2.89 No	2.824 Thermal Discharging
SCL311	128	'9063493_/4002938_1'		10	10	10	2.824	6.1	10	2.89 No	2.824 Thermal Discharging
SCL311	129	'3996008_/4003134'		10	10	10	2.824	10	10	2.89 No	2.824 Thermal Discharging
SCL311	130	'8554001_/8553998_1'		3.33	3.33	3.33	0.944	1.2	3.33	0.96 No	0.944 Thermal Discharging
SCL311	131	'9188228_/9188225_2'		3.33	3.33	3.33	0.944	1.2	3.33	0.96 No	0.944 Thermal Discharging
SCL311	132	'126144978_/4043627'		3.33	3.33	3.33	0.944	3.33	3.33	0.96 No	0.944 Thermal Discharging
SCL311	133	'3996167_/3996165'		10	10	10	2.824	10	10	2.89 No	2.824 Thermal Discharging
SCL311	134	'4002941_/4002938_2'		10	10	10	2.824	6.1	10	2.89 No	2.824 Thermal Discharging
SCL311	135	'7146327_/3996006_1'		10	10	10	2.824	10	10	2.89 No	2.824 Thermal Discharging
SCL311	136	'7931163_/7931160_2'		10	10	10	2.824	3.8	10	2.89 No	2.824 Thermal Discharging
SCL311	137	'3996184_/3996287'		10	10	10	2.824	10	10	2.89 No	2.824 Thermal Discharging
SCL311	138	'4002958_/4002955'		10	10	10	2.824	6.1	10	2.89 No	2.824 Thermal Discharging
SCL311	139	'8245010_/8245008_1'		3.33	3.33	3.33	0.944	1.2	3.33	0.96 No	0.944 Thermal Discharging
SCL311	140	'3996009_/3996006_2'		10	10	10	2.824	10	10	2.89 No	2.824 Thermal Discharging
SCL311	141	'51172742_/51172690_1'		3.33	3.33	3.33	0.944	1.2	3.33	0.96 No	0.944 Thermal Discharging
SCL311	142	'3995992_/3996270'		10	10	10	2.824	10	10	2.89 No	2.824 Thermal Discharging
SCL311	143	'4002975_/4002972'		10	10	10	2.824	6.1	10	2.89 No	2.824 Thermal Discharging
SCL311	144	'50263443_/7146325'		3.33	3.33	3.33	0.944	3.33	3.33	0.96 No	0.944 Thermal Discharging
SCL311	145	'7929750_/7929748'		3.33	3.33	3.33	0.944	1.2	3.33	0.96 No	0.944 Thermal Discharging
SCL311	146	'7929766_/7929764_1'		10	10	10	2.824	3.8	10	2.89 No	2.824 Thermal Discharging
SCL311	147	'50769255_/4043577_1'		10	10	10	2.824	10	10	2.89 No	2.824 Thermal Discharging
SCL311	148	'3995975_/3995989'		10	10	10	2.824	10	10	2.89 No	2.824 Thermal Discharging
SCL311	149	'4003628_/4003626'		10	10	10	2.824	6.1	10	2.89 No	2.824 Thermal Discharging
SCL311	150	'4043580_/4043577_2'		10	10	10	2.824	10	10	2.89 No	2.824 Thermal Discharging
SCL311	151	'61697894_/50742145_2'		3.33	3.33	3.33	0.944	3.33	3.33	0.96 No	0.944 Thermal Discharging
SCL311	152	'3996029_/3996039_2'		3.33	3.33	3.33	0.944	3.33	3.33	0.96 No	0.944 Thermal Discharging
SCL311	153	'52815217_/52815224_2'		3.33	3.33	3.33	0.944	1.2	3.33	0.96 No	0.944 Thermal Discharging
SCL311	154	'9186854_/90521830_1'		10	10	10	2.824	3.8	10	2.89 No	2.824 Thermal Discharging
SCL311	155	'40676841_/50742145_1'		3.33	3.33	3.33	0.944	0.7	3.33	0.96 No	0.7 Element Fault
SCL311	156	'4002991_/4003660'		10	10	10	2.824	6.1	10	2.89 No	2.824 Thermal Discharging
SCL311	157	'40670248_/9690446_2'		3.33	3.33	3.33	0.944	1.2	3.33	0.96 No	0.944 Thermal Discharging
SCL311	158	'3995958_/3995972'		10	10	10	2.824	10	10	2.89 No	2.824 Thermal Discharging
SCL311	159	'3996185_/3996182'		10	10	10	2.824	10	10	2.89 No	2.824 Thermal Discharging
SCL311	160	'9501275_/9501272'		3.33	3.33	3.33	0.944	1.2	3.33	0.96 No	0.944 Thermal Discharging
SCL311	161	'3995767_/4002989'		10	10	10	2.824	6.1	10	2.89 No	2.824 Thermal Discharging
SCL311	162	'3996041_/3996039_1'		3.33	3.33	3.33	0.944	1.2	3.33	0.96 No	0.944 Thermal Discharging
SCL311	163	'3995751_/3995765'		10	10	10	2.824	6.1	10	2.89 No	2.824 Thermal Discharging
SCL311	164	'3995941_/3995955'		10	10	10	2.824	10	10	2.89 No	2.824 Thermal Discharging
SCL311	165	'119525003_/118115466_1'		3.33	3.33	3.33	0.944	1.2	3.33	0.96 No	0.944 Thermal Discharging
SCL311	166	'8757958_/3995782_1'		10	10	10	2.824	6.1	10	2.88 No	2.824 Thermal Discharging
SCL311	167	'3995785_/3995782_2'		10	10	10	2.824	6.1	10	2.88 No	2.824 Thermal Discharging
SCL311	168	'8139065_/9085115'		10	10	10	2.824	2.3	10	2.89 No	2.3 Element Fault
SCL311	169	'7497324_/7497322_1'		10	10	10	2.824	3.8	10	2.88 No	2.824 Thermal Discharging
SCL311	170	'3995921_/3995938'		10	10	10	2.824	10	10	2.88 No	2.824 Thermal Discharging
SCL311	171	'121161468_/121161477'		10	10	10	2.824	6.1	10	2.88 No	2.824 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SCL311	172	'51172693_/51172690_2'	3.33		3.33	3.33	0.944	1.2	3.33	0.96 No	0.944 Thermal Discharging
SCL311	173	'4002686_/4043594'	10		10	10	2.824	10	10	2.89 No	2.824 Thermal Discharging
SCL311	174	'3995920_/3995918'	10		10	10	2.824	10	10	2.88 No	2.824 Thermal Discharging
SCL311	175	'3995819_/3995816'	10		10	10	2.824	6.1	10	2.88 No	2.824 Thermal Discharging
SCL311	176	'7509509_/8769238_1'	10		10	10	2.824	3.8	10	2.88 No	2.824 Thermal Discharging
SCL311	177	'7929767_/7929764_2'	10		10	10	2.824	3.8	10	2.89 No	2.824 Thermal Discharging
SCL311	178	'3996327_/3996341'	10		10	10	2.824	10	10	2.88 No	2.824 Thermal Discharging
SCL311	179	'66570131_/3995833'	10		10	10	2.824	6.1	10	2.88 No	2.824 Thermal Discharging
SCL311	180	'3996058_/3996055'	3.33		3.33	3.33	0.944	1.2	3.33	0.96 No	0.944 Thermal Discharging
SCL311	181	'3996326_/3996324'	10		10	10	2.824	10	10	2.88 No	2.824 Thermal Discharging
SCL311	182	'3994720_/3995850'	10		10	10	2.824	6.1	10	2.88 No	2.824 Thermal Discharging
SCL311	183	'34545258_/44101243'	3.33		3.33	3.33	0.944	1.2	3.33	0.96 No	0.944 Thermal Discharging
SCL311	184	'9086075_/9401060'	10		10	10	2.824	2.3	10	2.89 No	2.3 Element Fault
SCL311	185	'3996411_/3996409'	10		10	10	2.824	10	10	2.88 No	2.824 Thermal Discharging
SCL311	186	'3994721_/121161299'	10		10	10	2.824	6.1	10	2.88 No	2.824 Thermal Discharging
SCL311	187	'43422897_/3994718'	10		10	10	2.824	6.1	10	2.88 No	2.824 Thermal Discharging
SCL311	188	'3996307_/3996446'	10		10	10	2.824	10	10	2.88 No	2.824 Thermal Discharging
SCL311	189	'3994522_/43422899'	10		10	10	2.824	6.1	10	2.88 No	2.824 Thermal Discharging
SCL311	190	'8244975_/8244972'	10		10	10	2.824	3.8	10	2.89 No	2.824 Thermal Discharging
SCL311	191	'54311956_/54311997_2'	10		10	10	2.824	3.8	10	2.89 No	2.824 Thermal Discharging
SCL311	192	'9086076_/9086073'	10		10	10	2.824	2.3	10	2.89 No	2.3 Element Fault
SCL311	193	'117347310_/4002684_1'	10		10	10	2.824	5.9	10	2.89 No	2.824 Thermal Discharging
SCL311	194	'55106783_/3994752'	10		10	10	2.824	6.1	10	2.88 No	2.824 Thermal Discharging
SCL311	195	'3995752_/3995749'	3.33		3.33	3.33	0.944	2.03	3.33	0.96 No	0.944 Thermal Discharging
SCL311	196	'55106716_/55106785'	10		10	10	2.824	6.1	10	2.88 No	2.824 Thermal Discharging
SCL311	197	'121778118_/121778120'	10		10	10	2.824	10	10	2.88 No	2.824 Thermal Discharging
SCL311	198	'4002687_/4002684_2'	10		10	10	2.824	5.9	10	2.89 No	2.824 Thermal Discharging
SCL311	199	'55106934_/55106885'	10		10	10	2.824	6.1	10	2.88 No	2.824 Thermal Discharging
SCL311	200	'379729534_/55106937_1'	10		10	10	2.824	3.8	10	2.88 No	2.824 Thermal Discharging
SCL311	201	'468227092_/90521830_2'	10		10	10	2.824	3.8	10	2.88 No	2.824 Thermal Discharging
SCL311	202	'69623739_/69623742'	10		10	10	2.824	6.1	10	2.88 No	2.824 Thermal Discharging
SCL311	203	'3993672_/3993670'	10		10	10	2.824	10	10	2.88 No	2.824 Thermal Discharging
SCL311	204	'9186806_/9501288_1'	3.33		3.33	3.33	0.944	1.2	3.33	0.96 No	0.944 Thermal Discharging
SCL311	205	'7497325_/7497322_2'	10		10	10	2.824	3.8	10	2.88 No	2.824 Thermal Discharging
SCL311	206	'121777974_/3994486'	10		10	10	2.824	10	10	2.88 No	2.824 Thermal Discharging
SCL311	207	'3994472_/121777983'	10		10	10	2.824	10	10	2.88 No	2.824 Thermal Discharging
SCL311	208	'43422923_/55106718'	10		10	10	2.824	6.1	10	2.88 No	2.824 Thermal Discharging
SCL311	209	'3996071_/3996068'	3.33		3.33	3.33	0.944	1.2	3.33	0.96 No	0.944 Thermal Discharging
SCL311	210	'3994179_/3994469'	10		10	10	2.824	10	10	2.88 No	2.824 Thermal Discharging
SCL311	211	'7292638_/7608339_1'	3.27		3.33	3.33	0.944	0.7	3.33	0.96 No	0.7 Element Fault
SCL311	212	'40986589_/8769238_2'	10		10	10	2.824	3.8	10	2.88 No	2.824 Thermal Discharging
SCL311	213	'55107600_/55107120'	3.33		3.33	3.33	0.944	2.03	3.33	0.96 No	0.944 Thermal Discharging
SCL311	214	'9690449_/44080523'	3.33		3.33	3.33	0.944	1.2	3.33	0.96 No	0.944 Thermal Discharging
SCL311	215	'4046813_/4046831_1'	10		10	10	2.824	4.6	10	2.88 No	2.824 Thermal Discharging
SCL311	216	'69623569_/69623572'	10		10	10	2.824	6.1	10	2.88 No	2.824 Thermal Discharging
SCL311	217	'468227074_/468227226'	10		10	10	2.824	3.8	10	2.88 No	2.824 Thermal Discharging
SCL311	218	'50769418_/3996426'	10		10	10	2.824	10	10	2.88 No	2.824 Thermal Discharging
SCL311	219	'9392161_/9392158'	10		10	10	2.824	3.8	10	2.88 No	2.824 Thermal Discharging
SCL311	220	'3994162_/3994176'	10		10	10	2.824	10	10	2.88 No	2.824 Thermal Discharging
SCL311	221	'3996429_/7929624_2'	10		10	10	2.824	10	10	2.88 No	2.824 Thermal Discharging
SCL311	222	'44107015_/44107012'	10		10	10	2.824	3.8	10	2.88 No	2.824 Thermal Discharging
SCL311	223	'9501291_/9501288_2'	3.33		3.33	3.33	0.944	1.2	3.33	0.96 No	0.944 Thermal Discharging
SCL311	224	'4002703_/4002701'	10		10	10	2.824	5.9	10	2.89 No	2.824 Thermal Discharging
SCL311	225	'4046794_/4046831_2'	10		10	10	2.824	4.6	10	2.88 No	2.824 Thermal Discharging
SCL311	226	'3994111_/3994159'	10		10	10	2.824	10	10	2.88 No	2.824 Thermal Discharging
SCL311	227	'69623535_/69623538'	10		10	10	2.824	6.1	10	2.88 No	2.824 Thermal Discharging
SCL311	228	'55106963_/55106937_2'	10		10	10	2.824	3.8	10	2.88 No	2.824 Thermal Discharging
SCL311	229	'118115455_/118115466_2'	3.33		3.33	3.33	0.944	1.2	3.33	0.96 No	0.944 Thermal Discharging
SCL311	230	'3994023_/3994108'	10		10	10	2.824	10	10	2.88 No	2.824 Thermal Discharging
SCL311	231	'468227171_/468227213'	10		10	10	2.824	3.8	10	2.88 No	2.824 Thermal Discharging
SCL311	232	'3994814_/43422925'	10		10	10	2.824	6.1	10	2.88 No	2.824 Thermal Discharging
SCL311	233	'3996084_/3996081'	3.33		3.33	3.33	0.944	1.2	3.33	0.96 No	0.944 Thermal Discharging
SCL311	234	'7294581_/9501304'	3.33		3.33	3.33	0.944	1.2	3.33	0.96 No	0.944 Thermal Discharging
SCL311	235	'121777881_/3994020'	10		10	10	2.824	10	10	2.88 No	2.824 Thermal Discharging
SCL311	236	'69623474_/69623477'	10		10	10	2.824	6.1	10	2.87 No	2.824 Thermal Discharging
SCL311	237	'53758585_/3994864'	10		10	10	2.824	6.1	10	2.87 No	2.824 Thermal Discharging
SCL311	238	'3994005_/121777890'	10		10	10	2.824	10	10	2.87 No	2.824 Thermal Discharging
SCL311	239	'50916465_/3994210_1'	10		10	10	2.824	10	10	2.87 No	2.824 Thermal Discharging
SCL311	240	'90521824_/468227175'	10		10	10	2.824	3.8	10	2.88 No	2.824 Thermal Discharging
SCL311	241	'4002795_/4002792'	10		10	10	2.824	5.9	10	2.89 No	2.824 Thermal Discharging
SCL311	242	'61697112_/4036467_1'	6.67		6.67	6.67	1.88	2.6	6.67	1.92 No	1.88 Thermal Discharging
SCL311	243	'3993989_/3994210_2'	10		10	10	2.824	10	10	2.87 No	2.824 Thermal Discharging
SCL311	244	'43424774_/53758557'	10		10	10	2.824	6.1	10	2.87 No	2.824 Thermal Discharging
SCL311	245	'8870964_/8870961'	10		10	10	2.824	3.8	10	2.88 No	2.824 Thermal Discharging
SCL311	246	'3994006_/3994003'	10		10	10	2.824	10	10	2.87 No	2.824 Thermal Discharging
SCL311	247	'55106986_/55106965'	10		10	10	2.824	3.8	10	2.88 No	2.824 Thermal Discharging
SCL311	248	'50916475_/4036467_2'	6.67		6.67	6.67	1.88	2.6	6.67	1.92 No	1.88 Thermal Discharging
SCL311	249	'53586471_/53586454_1'	3.33		3.33	3.33	0.944	1.2	3.33	0.96 No	0.944 Thermal Discharging
SCL311	250	'3993320_/3993986'	10		10	10	2.824	10	10	2.87 No	2.824 Thermal Discharging
SCL311	251	'3994900_/43424776'	10		10	10	2.824	6.1	10	2.87 No	2.824 Thermal Discharging
SCL311	252	'7929626_/7929624_1'	10		10	10	2.824	3.8	10	2.88 No	2.824 Thermal Discharging
SCL311	253	'4043496_/4043511'	10		10	10	2.824	10	10	2.87 No	2.824 Thermal Discharging
SCL311	254	'3994940_/3994938'	10		10	10	2.824	6.1	10	2.87 No	2.824 Thermal Discharging
SCL311	255	'38871251_/9399874'	3.33		3.33	3.33	0.944	0.77	3.33	0.95 No	0.77 Element Fault
SCL311	256	'3993443_/3993457'	10		10	10	2.824	10	10	2.87 No	2.824 Thermal Discharging
SCL311	257	'3993304_/3993317_2'	3.33		3.33	3.33	0.944	3.33	3.33	0.96 No	0.944 Thermal Discharging
SCL311	258	'7294481_/9188297'	3.33		3.33	3.33	0.944	0.77	3.33	0.95 No	0.77 Element Fault
SCL311	259	'3993303_/3993317_1'	3.33		3.33	3.33	0.944	1.2	3.33	0.96 No	0.944 Thermal Discharging
SCL311	260	'3993426_/3993440'	10		10	10	2.824	10	10	2.87 No	2.824 Thermal Discharging
SCL311	261	'62821317_/62821291'	3.33		3.33	3.33	0.944	2.03	3.33	0.96 No	0.944 Thermal Discharging
SCL311	262	'3995057_/3995055'	10		10	10	2.824	6.1	10	2.87 No	2.824 Thermal Discharging
SCL311	263	'62821588_/62821319_1'	3.33		3.33	3.33	0.944	1.2	3.33	0.96 No	0.944 Thermal Discharging
SCL311	264	'7294482_/7294479'	3.33		3.33	3.33	0.944	0.77	3.33	0.95 No	0.77 Element Fault
SCL311	265	'9085101_/44092486'	3.33		3.33	3.33	0.944	0.77	3.33	0.95 No	0.77 Element Fault

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SCL311	266	'4043480_/_4043494'		10	10	10	2.824	10	10	2.87 No	2.824 Thermal Discharging
SCL311	267	'3995169_/_3995183'		10	10	10	2.824	6.1	10	2.87 No	2.824 Thermal Discharging
SCL311	268	'3993409_/_3993423'		10	10	10	2.824	10	10	2.87 No	2.824 Thermal Discharging
SCL311	269	'358070453_/_4047473'		10	10	10	2.824	5.9	10	2.89 No	2.824 Thermal Discharging
SCL311	270	'379729141_/_55106989'		10	10	10	2.824	2.3	10	2.88 No	2.3 Element Fault
SCL311	271	'90521933_/_90521944'		10	10	10	2.824	3.8	10	2.88 No	2.824 Thermal Discharging
SCL311	272	'43424763_/_7173745'	3.33	3.33	3.33	3.33	0.944	2.03	3.33	0.96 No	0.944 Thermal Discharging
SCL311	273	'8118345_/_9063287'		10	10	10	2.824	3.8	10	2.88 No	2.824 Thermal Discharging
SCL311	274	'3993392_/_3993406'		10	10	10	2.824	10	10	2.87 No	2.824 Thermal Discharging
SCL311	275	'3995168_/_3995166'		10	10	10	2.824	6.1	10	2.87 No	2.824 Thermal Discharging
SCL311	276	'7173748_/_7173765_1'	3.33	3.33	3.33	3.33	0.944	1.2	3.33	0.96 No	0.944 Thermal Discharging
SCL311	277	'66924928_/_4043477'		10	10	10	2.824	10	10	2.87 No	2.824 Thermal Discharging
SCL311	278	'8556376_/_8556374_1'	3.33	3.33	3.33	3.33	0.944	1.2	3.33	0.96 No	0.944 Thermal Discharging
SCL311	279	'7294582_/_7294579'	3.33	3.33	3.33	3.33	0.944	1.2	3.33	0.96 No	0.944 Thermal Discharging
SCL311	280	'379729285_/_55107013'		10	10	10	2.824	2.3	10	2.88 No	2.3 Element Fault
SCL311	281	'3993375_/_3993389'		10	10	10	2.824	10	10	2.87 No	2.824 Thermal Discharging
SCL311	282	'43425142_/_43425144'		10	10	10	2.824	6.1	10	2.87 No	2.824 Thermal Discharging
SCL311	283	'379729645_/_379729612_1'		10	10	10	2.824	2.3	10	2.88 No	2.3 Element Fault
SCL311	284	'3994901_/_3994898'		10	10	10	2.824	6.1	10	2.87 No	2.824 Thermal Discharging
SCL311	285	'53586447_/_53586454_2'	3.33	3.33	3.33	3.33	0.944	1.2	3.33	0.96 No	0.944 Thermal Discharging
SCL311	286	'443069235_/_443069293'		10	10	10	2.824	6.1	10	2.87 No	2.824 Thermal Discharging
SCL311	287	'3992819_/_3993372'		10	10	10	2.824	10	10	2.87 No	2.824 Thermal Discharging
SCL311	288	'7178212_/_7178230'		10	10	10	2.824	10	10	2.87 No	2.824 Thermal Discharging
SCL311	289	'9085117_/_9085099'	3.33	3.33	3.33	3.33	0.944	0.77	3.33	0.95 No	0.77 Element Fault
SCL311	290	'336365968_/_336365972'		10	10	10	2.824	6.1	10	2.87 No	2.824 Thermal Discharging
SCL311	291	'53758715_/_53758720'	3.33	3.33	3.33	3.33	0.944	2.03	3.33	0.96 No	0.944 Thermal Discharging
SCL311	292	'3992802_/_3992816'		10	10	10	2.824	10	10	2.87 No	2.824 Thermal Discharging
SCL311	293	'3994244_/_43423167'	6.67	6.67	6.67	6.67	1.88	2.6	6.67	1.91 No	1.88 Thermal Discharging
SCL311	294	'53587816_/_53587998'	3.33	3.33	3.33	3.33	0.944	0.77	3.33	0.96 No	0.77 Element Fault
SCL311	295	'8244751_/_39778006_1'		10	10	10	2.824	3.8	10	2.87 No	2.824 Thermal Discharging
SCL311	296	'53758484_/_53758463_1'	3.33	3.33	3.33	3.33	0.944	1.2	3.33	0.96 No	0.944 Thermal Discharging
SCL311	297	'3992785_/_3992799'		10	10	10	2.824	10	10	2.87 No	2.824 Thermal Discharging
SCL311	298	'7292505_/_7292503_1'		10	10	10	2.824	3.8	10	2.87 No	2.824 Thermal Discharging
SCL311	299	'3995270_/_3995268'		10	10	10	2.824	6.1	10	2.87 No	2.824 Thermal Discharging
SCL311	300	'8245968_/_8245966_1'	3.33	3.33	3.33	3.33	0.944	0.7	3.33	0.96 No	0.7 Element Fault
SCL311	301	'379729349_/_379729612_2'		10	10	10	2.824	2.3	10	2.88 No	2.3 Element Fault
SCL311	302	'8556377_/_8556374_2'	3.33	3.33	3.33	3.33	0.944	1.2	3.33	0.96 No	0.944 Thermal Discharging
SCL311	303	'4047496_/_358070455'		10	10	10	2.824	5.9	10	2.89 No	2.824 Thermal Discharging
SCL311	304	'3992768_/_3992782'		10	10	10	2.824	10	10	2.87 No	2.824 Thermal Discharging
SCL311	305	'4043356_/_7178210'		10	10	10	2.824	10	10	2.87 No	2.824 Thermal Discharging
SCL311	306	'49986575_/_3995470'		10	10	10	2.824	6.1	10	2.87 No	2.824 Thermal Discharging
SCL311	307	'7807713_/_39778006_2'		10	10	10	2.824	3.8	10	2.87 No	2.824 Thermal Discharging
SCL311	308	'62821345_/_62821319_2'	3.33	3.33	3.33	3.33	0.944	1.2	3.33	0.96 No	0.944 Thermal Discharging
SCL311	309	'443069236_/_443069233'		10	10	10	2.824	6.1	10	2.87 No	2.824 Thermal Discharging
SCL311	310	'7173768_/_7173765_2'	3.33	3.33	3.33	3.33	0.944	1.2	3.33	0.96 No	0.944 Thermal Discharging
SCL311	311	'476157471_/_43428977'		10	10	10	2.824	6.1	10	2.86 No	2.824 Thermal Discharging
SCL311	312	'55107034_/_379729294'	3.33	3.33	3.33	3.33	0.944	0.77	3.33	0.96 No	0.77 Element Fault
SCL311	313	'116891681_/_116891685'		10	10	10	2.824	10	10	2.87 No	2.824 Thermal Discharging
SCL311	314	'8245969_/_8245966_2'	3.33	3.33	3.33	3.33	0.944	0.7	3.33	0.96 No	0.7 Element Fault
SCL311	315	'43428964_/_476157475'		10	10	10	2.824	6.1	10	2.86 No	2.824 Thermal Discharging
SCL311	316	'90521876_/_90521962'		10	10	10	2.824	3.8	10	2.88 No	2.824 Thermal Discharging
SCL311	317	'53758456_/_53758463_2'	3.33	3.33	3.33	3.33	0.944	1.2	3.33	0.96 No	0.944 Thermal Discharging
SCL311	318	'3997550_/_3992765'		10	10	10	2.824	10	10	2.86 No	2.824 Thermal Discharging
SCL311	319	'3993955_/_4043353'		10	10	10	2.824	10	10	2.87 No	2.824 Thermal Discharging
SCL311	320	'51360335_/_3995622'		10	10	10	2.824	6.1	10	2.86 No	2.824 Thermal Discharging
SCL311	321	'51360498_/_3995386_1'	3.33	3.33	3.33	3.33	0.944	1.2	3.33	0.95 No	0.944 Thermal Discharging
SCL311	322	'7807714_/_7807711'		10	10	10	2.824	3.8	10	2.87 No	2.824 Thermal Discharging
SCL311	323	'3992748_/_3997699'		10	10	10	2.824	10	10	2.86 No	2.824 Thermal Discharging
SCL311	324	'3997684_/_3997682'		10	10	10	2.824	10	10	2.86 No	2.824 Thermal Discharging
SCL311	325	'91134043_/_91134047'		10	10	10	2.824	6.1	10	2.86 No	2.824 Thermal Discharging
SCL311	326	'8439439_/_8761820'		10	10	10	2.824	3.8	10	2.87 No	2.824 Thermal Discharging
SCL311	327	'4047526_/_4047523'		10	10	10	2.824	5.9	10	2.88 No	2.824 Thermal Discharging
SCL311	328	'471847230_/_3997733_1'		10	10	10	2.824	3.8	10	2.86 No	2.824 Thermal Discharging
SCL311	329	'3997530_/_3997547'		10	10	10	2.824	10	10	2.86 No	2.824 Thermal Discharging
SCL311	330	'3993904_/_3993952'		10	10	10	2.824	10	10	2.87 No	2.824 Thermal Discharging
SCL311	331	'108658095_/_108658142'		10	10	10	2.824	6.1	10	2.86 No	2.824 Thermal Discharging
SCL311	332	'358070366_/_358070055_1'	3.33	3.33	3.33	3.33	0.944	1.2	3.33	0.96 No	0.944 Thermal Discharging
SCL311	333	'51360395_/_3995386_2'	3.33	3.33	3.33	3.33	0.944	1.2	3.33	0.95 No	0.944 Thermal Discharging
SCL311	334	'3992731_/_3992745'		10	10	10	2.824	10	10	2.86 No	2.824 Thermal Discharging
SCL311	335	'118115489_/_118115500'	3.33	3.33	3.33	3.33	0.944	1.2	3.33	0.96 No	0.944 Thermal Discharging
SCL311	336	'7292506_/_7292503_2'		10	10	10	2.824	3.8	10	2.87 No	2.824 Thermal Discharging
SCL311	337	'108658201_/_108658225'		10	10	10	2.824	6.1	10	2.86 No	2.824 Thermal Discharging
SCL311	338	'8246684_/_8246682_1'	3.33	3.33	3.33	3.33	0.944	1.2	3.33	0.96 No	0.944 Thermal Discharging
SCL311	339	'40976057_/_44104767'		10	10	10	2.824	3.8	10	2.88 No	2.824 Thermal Discharging
SCL311	340	'3992730_/_3992728'		10	10	10	2.824	10	10	2.86 No	2.824 Thermal Discharging
SCL311	341	'430075703_/_429770323'		10	10	10	2.824	6.1	10	2.86 No	2.824 Thermal Discharging
SCL311	342	'51360403_/_3995216'	3.33	3.33	3.33	3.33	0.944	1.2	3.33	0.95 No	0.944 Thermal Discharging
SCL311	343	'62821350_/_62821347'	3.33	3.33	3.33	3.33	0.944	1.2	3.33	0.96 No	0.944 Thermal Discharging
SCL311	344	'430076050_/_430075701_1'	3.33	3.33	3.33	3.33	0.944	1.2	3.33	0.95 No	0.944 Thermal Discharging
SCL311	345	'358070058_/_358070055_2'	3.33	3.33	3.33	3.33	0.944	1.2	3.33	0.96 No	0.944 Thermal Discharging
SCL311	346	'8244415_/_8244412_1'		10	10	10	2.824	3.8	10	2.86 No	2.824 Thermal Discharging
SCL311	347	'3993853_/_3993901'		10	10	10	2.824	10	10	2.87 No	2.824 Thermal Discharging
SCL311	348	'57466861_/_57466766_1'		10	10	10	2.824	3.8	10	2.87 No	2.824 Thermal Discharging
SCL311	349	'8118344_/_8118342_1'		10	10	10	2.824	3.8	10	2.88 No	2.824 Thermal Discharging
SCL311	350	'53586603_/_53586610'	3.33	3.33	3.33	3.33	0.944	1.2	3.33	0.96 No	0.944 Thermal Discharging
SCL311	351	'101834394_/_108658263'		10	10	10	2.824	6.1	10	2.86 No	2.824 Thermal Discharging
SCL311	352	'43422034_/_4043184'		10	10	10	2.824	10	10	2.86 No	2.824 Thermal Discharging
SCL311	353	'51360429_/_3995200_1'	3.33	3.33	3.33	3.33	0.944	0.7	3.33	0.95 No	0.7 Element Fault
SCL311	354	'53587693_/_53587823'	3.33	3.33	3.33	3.33	0.944	0.77	3.33	0.96 No	0.77 Element Fault
SCL311	355	'53758497_/_53758504'	3.33	3.33	3.33	3.33	0.944	1.2	3.33	0.96 No	0.944 Thermal Discharging
SCL311	356	'101834477_/_101834431_2'		10	10	10	2.824	6.1	10	2.86 No	2.824 Thermal Discharging
SCL311	357	'4043169_/_4043167'		10	10	10	2.824	10	10	2.86 No	2.824 Thermal Discharging
SCL311	358	'4043203_/_4043201'		10	10	10	2.824	10	10	2.86 No	2.824 Thermal Discharging
SCL311	359	'326245648_/_326245878'		10	10	10	2.824	6.1	10	2.86 No	2.824 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SCL311	360	'55107058_/55107037'		3.33	3.33	3.33	0.944	0.77	3.33	0.96 No	0.77 Element Fault
SCL311	361	'3994229_/3994242'		6.67	6.67	6.67	1.88	2.6	6.67	1.91 No	1.88 Thermal Discharging
SCL311	362	'57466769_/57466766_2'		10	10	10	2.824	3.8	10	2.87 No	2.824 Thermal Discharging
SCL311	363	'393242808_/393242607_1'		10	10	10	2.824	4.8	10	2.86 No	2.824 Thermal Discharging
SCL311	364	'4043221_/4043235'		10	10	10	2.824	10	10	2.86 No	2.824 Thermal Discharging
SCL311	365	'8137579_/8246682_2'		3.33	3.33	3.33	0.944	1.2	3.33	0.96 No	0.944 Thermal Discharging
SCL311	366	'3993852_/3993850'		10	10	10	2.824	10	10	2.86 No	2.824 Thermal Discharging
SCL311	367	'57466811_/57466793_1'		10	10	10	2.824	2.3	10	2.87 No	2.3 Element Fault
SCL311	368	'326245962_/326245959'		10	10	10	2.824	6.1	10	2.86 No	2.824 Thermal Discharging
SCL311	369	'4043220_/4043218'		10	10	10	2.824	10	10	2.86 No	2.824 Thermal Discharging
SCL311	370	'33646206_/393242607_2'		10	10	10	2.824	4.8	10	2.86 No	2.824 Thermal Discharging
SCL311	371	'8244735_/8556326_1'		3.33	3.33	3.33	0.944	0.7	3.33	0.96 No	0.7 Element Fault
SCL311	372	'60601269_/60601266'		3.33	3.33	3.33	0.944	1.27	3.33	0.95 No	0.944 Thermal Discharging
SCL311	373	'49960833_/7294427_2'		10	10	10	2.824	10	10	2.86 No	2.824 Thermal Discharging
SCL311	374	'326246071_/326246068'		10	10	10	2.824	6.1	10	2.86 No	2.824 Thermal Discharging
SCL311	375	'326245352_/326246163'		10	10	10	2.824	6.1	10	2.86 No	2.824 Thermal Discharging
SCL311	376	'60601309_/60601292_1'		3.33	3.33	3.33	0.944	0.7	3.33	0.95 No	0.7 Element Fault
SCL311	377	'43422429_/3997733_2'		10	10	10	2.824	3.8	10	2.86 No	2.824 Thermal Discharging
SCL311	378	'606789989_/606789972_1'		10	10	10	2.824	3.8	10	2.86 No	2.824 Thermal Discharging
SCL311	379	'430075704_/430075701_2'		3.33	3.33	3.33	0.944	1.2	3.33	0.95 No	0.944 Thermal Discharging
SCL311	380	'4044881_/4044895'		10	10	10	2.824	10	10	2.86 No	2.824 Thermal Discharging
SCL311	381	'4044388_/4047553'		10	10	10	2.824	5.9	10	2.88 No	2.824 Thermal Discharging
SCL311	382	'347390109_/326742483_1'		3.33	3.33	3.33	0.944	1.2	3.33	0.95 No	0.944 Thermal Discharging
SCL311	383	'3993707_/3993918'		10	10	10	2.824	10	10	2.86 No	2.824 Thermal Discharging
SCL311	384	'326741360_/326741358'		10	10	10	2.824	6.1	10	2.86 No	2.824 Thermal Discharging
SCL311	385	'101834420_/101834431_1'		10	10	10	2.824	3.8	10	2.86 No	2.824 Thermal Discharging
SCL311	386	'8244414_/8244412_2'		10	10	10	2.824	3.8	10	2.86 No	2.824 Thermal Discharging
SCL311	387	'8554032_/8554030_1'		10	10	10	2.824	3.8	10	2.88 No	2.824 Thermal Discharging
SCL311	388	'9501355_/9501352'		10	10	10	2.824	3.8	10	2.88 No	2.824 Thermal Discharging
SCL311	389	'3997513_/3997527'		10	10	10	2.824	10	10	2.86 No	2.824 Thermal Discharging
SCL311	390	'8244818_/8244816_1'		10	10	10	2.824	4.1	10	2.86 No	2.824 Thermal Discharging
SCL311	391	'51360407_/3995200_2'		3.33	3.33	3.33	0.944	0.7	3.33	0.95 No	0.7 Element Fault
SCL311	392	'51360434_/3995285'		3.33	3.33	3.33	0.944	1.2	3.33	0.95 No	0.944 Thermal Discharging
SCL311	393	'7292918_/8554030_2'		10	10	10	2.824	3.8	10	2.88 No	2.824 Thermal Discharging
SCL311	394	'326244784_/326741531'		10	10	10	2.824	6.1	10	2.86 No	2.824 Thermal Discharging
SCL311	395	'3993706_/3993704'		10	10	10	2.824	10	10	2.86 No	2.824 Thermal Discharging
SCL311	396	'108638275_/7294427_1'		10	10	10	2.824	3.9	10	2.86 No	2.824 Thermal Discharging
SCL311	397	'326742486_/326742483_2'		3.33	3.33	3.33	0.944	1.2	3.33	0.95 No	0.944 Thermal Discharging
SCL311	398	'8137580_/8137577'		3.33	3.33	3.33	0.944	1.2	3.33	0.96 No	0.944 Thermal Discharging
SCL311	399	'326245159_/326741622'		10	10	10	2.824	6.1	10	2.86 No	2.824 Thermal Discharging
SCL311	400	'108638322_/108638333'		10	10	10	2.824	3.9	10	2.86 No	2.824 Thermal Discharging
SCL311	401	'55107606_/55107061'		3.33	3.33	3.33	0.944	0.77	3.33	0.96 No	0.77 Element Fault
SCL311	402	'437571816_/4044386'		10	10	10	2.824	5.9	10	2.88 No	2.824 Thermal Discharging
SCL311	403	'53587490_/53587700'		3.33	3.33	3.33	0.944	0.77	3.33	0.96 No	0.77 Element Fault
SCL311	404	'3993724_/3993721_2'		10	10	10	2.824	10	10	2.86 No	2.824 Thermal Discharging
SCL311	405	'8872152_/8872149'		3.33	3.33	3.33	0.944	0.7	3.33	0.96 No	0.7 Element Fault
SCL311	406	'326741682_/326741679'		10	10	10	2.824	6.1	10	2.86 No	2.824 Thermal Discharging
SCL311	407	'3993758_/3993775'		10	10	10	2.824	10	10	2.86 No	2.824 Thermal Discharging
SCL311	408	'478365276_/3992866'		10	10	10	2.824	3.8	10	2.86 No	2.824 Thermal Discharging
SCL311	409	'3993359_/3994227'		6.67	6.67	6.67	1.88	2.6	6.67	1.91 No	1.88 Thermal Discharging
SCL311	410	'3993656_/3993721_1'		10	10	10	2.824	3.9	10	2.86 No	2.824 Thermal Discharging
SCL311	411	'478365322_/478365274_1'		10	10	10	2.824	2.3	10	2.86 No	2.3 Element Fault
SCL311	412	'326245088_/326741745'		10	10	10	2.824	6.1	10	2.85 No	2.824 Thermal Discharging
SCL311	413	'431834023_/433820617_1'		3.33	3.33	3.33	0.944	1.2	3.33	0.95 No	0.944 Thermal Discharging
SCL311	414	'53586742_/53586749'		3.33	3.33	3.33	0.944	1.2	3.33	0.96 No	0.944 Thermal Discharging
SCL311	415	'50769471_/50769468'		10	10	10	2.824	10	10	2.86 No	2.824 Thermal Discharging
SCL311	416	'57466789_/57466793_2'		10	10	10	2.824	2.3	10	2.86 No	2.3 Element Fault
SCL311	417	'426591521_/326742118'		10	10	10	2.824	6.1	10	2.85 No	2.824 Thermal Discharging
SCL311	418	'426591540_/330264351_1'		10	10	10	2.824	3.8	10	2.85 No	2.824 Thermal Discharging
SCL311	419	'51360411_/3995242'		3.33	3.33	3.33	0.944	0.7	3.33	0.95 No	0.7 Element Fault
SCL311	420	'3997496_/3997510_2'		10	10	10	2.824	10	10	2.86 No	2.824 Thermal Discharging
SCL311	421	'417727638_/326742319'		10	10	10	2.824	6.1	10	2.85 No	2.824 Thermal Discharging
SCL311	422	'9503148_/9503162'		3.33	3.33	3.33	0.944	0.7	3.33	0.96 No	0.7 Element Fault
SCL311	423	'3993757_/3993755'		10	10	10	2.824	10	10	2.86 No	2.824 Thermal Discharging
SCL311	424	'611662931_/427333833_1'		10	10	10	2.824	6.1	10	2.85 No	2.824 Thermal Discharging
SCL311	425	'7608237_/7608235'		3.33	3.33	3.33	0.944	0.7	3.33	0.96 No	0.7 Element Fault
SCL311	426	'3993048_/3993356_2'		3.33	3.33	3.33	0.944	1.3	3.33	0.96 No	0.944 Thermal Discharging
SCL311	427	'427333836_/427333833_2'		10	10	10	2.824	6.1	10	2.85 No	2.824 Thermal Discharging
SCL311	428	'7292565_/7292563_1'		3.33	3.33	3.33	0.944	0.7	3.33	0.96 No	0.7 Element Fault
SCL311	429	'606789956_/606789972_2'		10	10	10	2.824	3.8	10	2.86 No	2.824 Thermal Discharging
SCL311	430	'43422080_/3993356_1'		3.33	3.33	3.33	0.944	0.7	3.33	0.95 No	0.7 Element Fault
SCL311	431	'427333496_/427333493'		10	10	10	2.824	6.1	10	2.85 No	2.824 Thermal Discharging
SCL311	432	'3992696_/505723657'		10	10	10	2.824	3.8	10	2.86 No	2.824 Thermal Discharging
SCL311	433	'426591602_/330264351_2'		10	10	10	2.824	3.8	10	2.85 No	2.824 Thermal Discharging
SCL311	434	'53752316_/3723715'		10	10	10	2.824	6.1	10	2.85 No	2.824 Thermal Discharging
SCL311	435	'4047238_/4047236'		10	10	10	2.824	10	10	2.86 No	2.824 Thermal Discharging
SCL311	436	'430075727_/430075724'		3.33	3.33	3.33	0.944	1.2	3.33	0.95 No	0.944 Thermal Discharging
SCL311	437	'51360438_/3995298'		3.33	3.33	3.33	0.944	1.2	3.33	0.95 No	0.944 Thermal Discharging
SCL311	438	'515141999_/515141512_1'		10	10	10	2.824	4.6	10	2.85 No	2.824 Thermal Discharging
SCL311	439	'55107088_/55107085'		3.33	3.33	3.33	0.944	0.77	3.33	0.96 No	0.77 Element Fault
SCL311	440	'34592257_/9087705'		3.33	3.33	3.33	0.944	1.2	3.33	0.96 No	0.944 Thermal Discharging
SCL311	441	'8244382_/8244816_2'		10	10	10	2.824	4.1	10	2.86 No	2.824 Thermal Discharging
SCL311	442	'326742560_/326742557'		3.33	3.33	3.33	0.944	1.2	3.33	0.95 No	0.944 Thermal Discharging
SCL311	443	'4043819_/4043816'		10	10	10	2.824	5.9	10	2.88 No	2.824 Thermal Discharging
SCL311	444	'7292901_/7292899'		3.33	3.33	3.33	0.944	1.27	3.33	0.96 No	0.944 Thermal Discharging
SCL311	445	'55107194_/55107191'		3.33	3.33	3.33	0.944	0.77	3.33	0.96 No	0.77 Element Fault
SCL311	446	'4047307_/4047321'		10	10	10	2.824	10	10	2.86 No	2.824 Thermal Discharging
SCL311	447	'60674225_/60674232'		10	10	10	2.824	2.3	10	2.86 No	2.3 Element Fault
SCL311	448	'3997479_/3997510_1'		10	10	10	2.824	6	10	2.86 No	2.824 Thermal Discharging
SCL311	449	'7609881_/7609879_1'		10	10	10	2.824	4	10	2.86 No	2.824 Thermal Discharging
SCL311	450	'60601288_/60601292_2'		3.33	3.33	3.33	0.944	0.7	3.33	0.95 No	0.7 Element Fault
SCL311	451	'43422190_/3993474'		6.67	6.67	6.67	1.88	2.6	6.67	1.91 No	1.88 Thermal Discharging
SCL311	452	'433820620_/433820617_2'		3.33	3.33	3.33	0.944	1.2	3.33	0.95 No	0.944 Thermal Discharging
SCL311	453	'3994331_/4047304'		10	10	10	2.824	10	10	2.86 No	2.824 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Over-Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SCL311	454	'478365258_/478365274_2'		10	10	10	2.824	2.3	10	2.86 No	2.3 Element Fault
SCL311	455	'3993639_/3993653'		10	10	10	2.824	3.9	10	2.86 No	2.824 Thermal Discharging
SCL311	456	'515141515_/515141512_2'		10	10	10	2.824	4.6	10	2.85 No	2.824 Thermal Discharging
SCL311	457	'8870716_/9690356_1'		10	10	10	2.824	4	10	2.86 No	2.824 Thermal Discharging
SCL311	458	'3994297_/3994328'		10	10	10	2.824	10	10	2.86 No	2.824 Thermal Discharging
SCL311	459	'330264623_/330264620'		10	10	10	2.824	3.8	10	2.85 No	2.824 Thermal Discharging
SCL311	460	'51360415_/3995255'	3.33	3.33	3.33	0.944	0.7	3.33	0.95 No	0.7 Element Fault	
SCL311	461	'129496574_/7929396_1'	3.33	3.33	3.33	0.944	1.2	3.33	0.93 No	0.93 Unintentional Islanding	
SCL311	462	'129496594_/7929396_2'	3.33	3.33	3.33	0.944	1.2	3.33	0.93 No	0.93 Unintentional Islanding	
SCL311	463	'7609882_/7609879_2'		10	10	10	2.824	4	10	2.86 No	2.824 Thermal Discharging
SCL311	464	'3992697_/3992694'		10	10	10	2.824	3.8	10	2.86 No	2.824 Thermal Discharging
SCL311	465	'3994263_/3994294'		10	10	10	2.824	10	10	2.86 No	2.824 Thermal Discharging
SCL311	466	'7796176_/9690356_2'		10	10	10	2.824	4	10	2.86 No	2.824 Thermal Discharging
SCL311	467	'326742627_/326742624'	3.33	3.33	3.33	0.944	1.2	3.33	0.95 No	0.944 Thermal Discharging	
SCL311	468	'50769623_/3997476'		10	10	10	2.824	6	10	2.86 No	2.824 Thermal Discharging
SCL311	469	'51360445_/3995314'	3.33	3.33	3.33	0.944	1.2	3.33	0.95 No	0.944 Thermal Discharging	
SCL311	470	'55147884_/50665552'		10	10	10	2.824	10	10	2.86 No	2.824 Thermal Discharging
SCL311	471	'3993032_/3993045'	3.33	3.33	3.33	0.944	0.7	3.33	0.95 No	0.7 Element Fault	
SCL311	472	'4043955_/4043952'		10	10	10	2.824	5.9	10	2.88 No	2.824 Thermal Discharging
SCL311	473	'44082876_/44082873'	3.33	3.33	3.33	0.944	1.2	3.33	0.96 No	0.944 Thermal Discharging	
SCL311	474	'43369151_/515141532'		10	10	10	2.824	4.6	10	2.85 No	2.824 Thermal Discharging
SCL311	475	'4015922_/3994260'		10	10	10	2.824	10	10	2.85 No	2.824 Thermal Discharging
SCL311	476	'51360446_/43425157'	3.33	3.33	3.33	0.944	1.2	3.33	0.95 No	0.944 Thermal Discharging	
SCL311	477	'4043972_/4043969'		10	10	10	2.824	5.9	10	2.88 No	2.824 Thermal Discharging
SCL311	478	'8554072_/8872667'		10	10	10	2.824	4	10	2.86 No	2.824 Thermal Discharging
SCL311	479	'430075743_/430075740'	3.33	3.33	3.33	0.944	1.2	3.33	0.95 No	0.944 Thermal Discharging	
SCL311	480	'326742702_/326742699'	3.33	3.33	3.33	0.944	1.2	3.33	0.95 No	0.944 Thermal Discharging	
SCL311	481	'426591592_/330264645'		10	10	10	2.824	3.8	10	2.85 No	2.824 Thermal Discharging
SCL311	482	'4015921_/4015919'		10	10	10	2.824	10	10	2.85 No	2.824 Thermal Discharging
SCL311	483	'4043989_/4043986'		10	10	10	2.824	5.9	10	2.88 No	2.824 Thermal Discharging
SCL311	484	'396288200_/396288071_2'		10	10	10	2.824	3.8	10	2.85 No	2.824 Thermal Discharging
SCL311	485	'4002868_/4044003'		10	10	10	2.824	5.9	10	2.88 No	2.824 Thermal Discharging
SCL311	486	'8556248_/9186555'	3.33	3.33	3.33	0.944	0.7	3.33	0.95 No	0.7 Element Fault	
SCL311	487	'71473635_/71473642'	3.33	3.33	3.33	0.944	0.7	3.33	0.95 No	0.7 Element Fault	
SCL311	488	'43422443_/43422192'	6.67	6.67	6.67	1.88	2.6	6.67	1.91 No	1.88 Thermal Discharging	
SCL311	489	'130096917_/50769620'		10	10	10	2.824	6	10	2.86 No	2.824 Thermal Discharging
SCL311	490	'4015888_/4016007'		10	10	10	2.824	10	10	2.85 No	2.824 Thermal Discharging
SCL311	491	'3995485_/4002866'		10	10	10	2.824	5.9	10	2.88 No	2.824 Thermal Discharging
SCL311	492	'396288038_/396288071_1'		10	10	10	2.824	2.3	10	2.85 No	2.3 Element Fault
SCL311	493	'108539545_/108539522_1'		10	10	10	2.824	3.8	10	2.85 No	2.824 Thermal Discharging
SCL311	494	'4016175_/4016653'		10	10	10	2.824	10	10	2.85 No	2.824 Thermal Discharging
SCL311	495	'3993509_/3993636'		10	10	10	2.824	3.9	10	2.86 No	2.824 Thermal Discharging
SCL311	496	'515141311_/515141552'		10	10	10	2.824	4.6	10	2.85 No	2.824 Thermal Discharging
SCL311	497	'554917728_/3720904_1'	3.33	3.33	3.33	0.944	0.7	3.33	0.95 No	0.7 Element Fault	
SCL311	498	'554918470_/3720904_2'	3.33	3.33	3.33	0.944	0.7	3.33	0.95 No	0.7 Element Fault	
SCL311	499	'3995486_/3995483'		10	10	10	2.824	5.9	10	2.88 No	2.824 Thermal Discharging
SCL311	500	'43422021_/3992711'		10	10	10	2.824	3.8	10	2.86 No	2.824 Thermal Discharging
SCL311	501	'8556265_/8556262_2'	3.33	3.33	3.33	0.944	1.3	3.33	0.95 No	0.944 Thermal Discharging	
SCL311	502	'4015887_/4015885'		10	10	10	2.824	10	10	2.85 No	2.824 Thermal Discharging
SCL311	503	'3995503_/3995500'		10	10	10	2.824	5.9	10	2.88 No	2.824 Thermal Discharging
SCL311	504	'396288099_/396288096'		10	10	10	2.824	2.3	10	2.85 No	2.3 Element Fault
SCL311	505	'108539565_/108539522_2'		10	10	10	2.824	3.8	10	2.85 No	2.824 Thermal Discharging
SCL311	506	'3993019_/3993029'	3.33	3.33	3.33	0.944	0.7	3.33	0.95 No	0.7 Element Fault	
SCL311	507	'330264479_/330264665'		10	10	10	2.824	2.3	10	2.85 No	2.3 Element Fault
SCL311	508	'3995520_/3995517'		10	10	10	2.824	5.9	10	2.87 No	2.824 Thermal Discharging
SCL311	509	'3995438_/3995436_2'		10	10	10	2.824	5.9	10	2.87 No	2.824 Thermal Discharging
SCL311	510	'4015938_/4015936'		10	10	10	2.824	10	10	2.85 No	2.824 Thermal Discharging
SCL311	511	'3995537_/3995534'		10	10	10	2.824	5.9	10	2.87 No	2.824 Thermal Discharging
SCL311	512	'7796136_/7796133'		10	10	10	2.824	4	10	2.85 No	2.824 Thermal Discharging
SCL311	513	'8745677_/8745674'		10	10	10	2.824	4.1	10	2.86 No	2.824 Thermal Discharging
SCL311	514	'3995669_/3995666'	6.67	6.67	6.67	1.88	2.6	6.67	1.91 No	1.88 Thermal Discharging	
SCL311	515	'3995554_/3995551'		10	10	10	2.824	5.9	10	2.87 No	2.824 Thermal Discharging
SCL311	516	'7929610_/7929608_1'	1.7	3.33	3.33	0.944	0.7	3.33	0.95 No	0.7 Element Fault	
SCL311	517	'469722671_/4016590'		10	10	10	2.824	10	10	2.85 No	2.824 Thermal Discharging
SCL311	518	'8556329_/9503146'	3.33	3.33	3.33	0.944	0.7	3.33	0.95 No	0.7 Element Fault	
SCL311	519	'8556544_/8870981'	3.33	3.33	3.33	0.944	1.27	3.33	0.96 No	0.944 Thermal Discharging	
SCL311	520	'71474179_/71473774'	3.33	3.33	3.33	0.944	0.77	3.33	0.95 No	0.77 Element Fault	
SCL311	521	'3993492_/3993506'		10	10	10	2.824	3.9	10	2.86 No	2.824 Thermal Discharging
SCL311	522	'53752608_/52249737'	3.33	3.33	3.33	0.944	0.7	3.33	0.95 No	0.7 Element Fault	
SCL311	523	'3720851_/515141348'		10	10	10	2.824	4.6	10	2.85 No	2.824 Thermal Discharging
SCL311	524	'3995571_/3995568'		10	10	10	2.824	5.9	10	2.87 No	2.824 Thermal Discharging
SCL311	525	'523376354_/43369120_2'		10	10	10	2.824	4.6	10	2.85 No	2.824 Thermal Discharging
SCL311	526	'40975731_/8745830'		10	10	10	2.824	4.1	10	2.86 No	2.824 Thermal Discharging
SCL311	527	'7292566_/7292563_2'	3.33	3.33	3.33	0.944	0.7	3.33	0.95 No	0.7 Element Fault	
SCL311	528	'4015621_/4015953'		10	10	10	2.824	8.8	10	2.85 No	2.824 Thermal Discharging
SCL311	529	'7929447_/8870693_1'		10	10	10	2.824	2.4	10	2.86 No	2.4 Element Fault
SCL311	530	'71473687_/71473684'	3.33	3.33	3.33	0.944	0.7	3.33	0.95 No	0.7 Element Fault	
SCL311	531	'8554073_/8554070'		10	10	10	2.824	4	10	2.85 No	2.824 Thermal Discharging
SCL311	532	'3995401_/3995585'		10	10	10	2.824	5.9	10	2.87 No	2.824 Thermal Discharging
SCL311	533	'8556249_/8556246'	3.33	3.33	3.33	0.944	0.7	3.33	0.95 No	0.7 Element Fault	
SCL311	534	'4016542_/469722675'		10	10	10	2.824	10	10	2.85 No	2.824 Thermal Discharging
SCL311	535	'3992836_/3992833'		10	10	10	2.824	3.8	10	2.86 No	2.824 Thermal Discharging
SCL311	536	'50408316_/130096919'		10	10	10	2.824	6	10	2.86 No	2.824 Thermal Discharging
SCL311	537	'8244854_/8244852_1'	3.33	3.33	3.33	0.944	1.2	3.33	0.93 No	0.93 Unintentional Islanding	
SCL311	538	'9500891_/9500904_1'	3.33	3.33	3.33	0.944	1.2	3.33	0.93 No	0.93 Unintentional Islanding	
SCL311	539	'8870755_/9501164'		10	10	10	2.824	4	10	2.85 No	2.824 Thermal Discharging
SCL311	540	'3995402_/3995399'		10	10	10	2.824	5.9	10	2.87 No	2.824 Thermal Discharging
SCL311	541	'51360456_/3995340'	3.33	3.33	3.33	0.944	1.2	3.33	0.95 No	0.944 Thermal Discharging	
SCL311	542	'3993006_/3993016'	3.33	3.33	3.33	0.944	0.7	3.33	0.95 No	0.7 Element Fault	
SCL311	543	'8745833_/44104697'		10	10	10	2.824	4.1	10	2.86 No	2.824 Thermal Discharging
SCL311	544	'3995419_/3995416'		10	10	10	2.824	5.9	10	2.87 No	2.824 Thermal Discharging
SCL311	545	'7929351_/8870577_1'	3.33	3.33	3.33	0.944	1.2	3.33	0.93 No	0.93 Unintentional Islanding	
SCL311	546	'348134322_/8870753'		10	10	10	2.824	4	10	2.85 No	2.824 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SCL311	548	'121448318_/43369120_1'		10	10	10	2.824	2.3	10	2.85 No	2.3 Element Fault
SCL311	549	'108539511_/108539571'		10	10	10	2.824	3.8	10	2.85 No	2.824 Thermal Discharging
SCL311	550	'8870696_/8870693_2'		10	10	10	2.824	2.4	10	2.86 No	2.4 Element Fault
SCL311	551	'87894172_/3993489'		10	10	10	2.824	3.9	10	2.86 No	2.824 Thermal Discharging
SCL311	552	'4016475_/4016539'		10	10	10	2.824	10	10	2.85 No	2.824 Thermal Discharging
SCL311	553	'7929431_/8556262_1'		3.33	3.33	3.33	0.944	0.7	3.33	0.95 No	0.7 Element Fault
SCL311	554	'4015673_/4015671'		10	10	10	2.824	8.8	10	2.85 No	2.824 Thermal Discharging
SCL311	555	'87894274_/87894246_1'		10	10	10	2.824	3.8	10	2.86 No	2.824 Thermal Discharging
SCL311	556	'515140249_/515140246'		10	10	10	2.824	4.6	10	2.84 No	2.824 Thermal Discharging
SCL311	557	'53752613_/53752610'		3.33	3.33	3.33	0.944	0.7	3.33	0.95 No	0.7 Element Fault
SCL311	558	'9500907_/9500904_2'		3.33	3.33	3.33	0.944	1.2	3.33	0.93 No	0.93 Unintentional Islanding
SCL311	559	'8870580_/8870577_2'		3.33	3.33	3.33	0.944	1.2	3.33	0.93 No	0.93 Unintentional Islanding
SCL311	560	'523376596_/3720835_1'		3.33	3.33	3.33	0.944	0.7	3.33	0.95 No	0.7 Element Fault
SCL311	561	'4016458_/4016472'		10	10	10	2.824	10	10	2.85 No	2.824 Thermal Discharging
SCL311	562	'3997428_/3997564'		9.6	10	10	2.824	6	10	2.86 No	2.824 Thermal Discharging
SCL311	563	'43423088_/3992853'		3.33	3.33	3.33	0.944	3.33	3.33	0.93 No	0.93 Unintentional Islanding
SCL311	564	'53586901_/53586908'		3.33	3.33	3.33	0.944	1.2	3.33	0.95 No	0.944 Thermal Discharging
SCL311	565	'71473884_/71474093'		3.33	3.33	3.33	0.944	0.77	3.33	0.95 No	0.77 Element Fault
SCL311	566	'3992856_/3992883_1'		3.33	3.33	3.33	0.944	0.9	3.33	0.93 No	0.9 Element Fault
SCL311	567	'443904824_/443905056'		10	10	10	2.824	4	10	2.85 No	2.824 Thermal Discharging
SCL311	568	'8244959_/8556542'		3.33	3.33	3.33	0.944	1.27	3.33	0.96 No	0.944 Thermal Discharging
SCL311	569	'3993491_/87894181'		10	10	10	2.824	3.9	10	2.86 No	2.824 Thermal Discharging
SCL311	570	'43427742_/4006479'		6.67	6.67	6.67	1.88	2.6	6.67	1.9 No	1.88 Thermal Discharging
SCL311	571	'87894235_/87894246_2'		10	10	10	2.824	3.8	10	2.85 No	2.824 Thermal Discharging
SCL311	572	'443904751_/443905095'		10	10	10	2.824	4	10	2.85 No	2.824 Thermal Discharging
SCL311	573	'7929466_/7929464_1'		3.33	3.33	3.33	0.944	0.7	3.33	0.95 No	0.7 Element Fault
SCL311	574	'4016438_/4016455'		10	10	10	2.824	10	10	2.85 No	2.824 Thermal Discharging
SCL311	575	'8137353_/9503738'		10	10	10	2.824	4	10	2.85 No	2.824 Thermal Discharging
SCL311	576	'43422069_/3993003'		3.33	3.33	3.33	0.944	0.7	3.33	0.95 No	0.7 Element Fault
SCL311	577	'8244855_/8244852_2'		3.33	3.33	3.33	0.944	1.2	3.33	0.93 No	0.93 Unintentional Islanding
SCL311	578	'121448350_/121448320'		10	10	10	2.824	2.3	10	2.84 No	2.3 Element Fault
SCL311	579	'4015780_/4016435'		10	10	10	2.824	10	10	2.85 No	2.824 Thermal Discharging
SCL311	580	'515140999_/515140270'		10	10	10	2.824	4.6	10	2.84 No	2.824 Thermal Discharging
SCL311	581	'8244502_/9690284'		10	10	10	2.824	4.1	10	2.85 No	2.824 Thermal Discharging
SCL311	582	'554918612_/515140497_1'		3.33	3.33	3.33	0.944	0.9	3.33	0.95 No	0.9 Element Fault
SCL311	583	'4015760_/4015777'		10	10	10	2.824	10	10	2.84 No	2.824 Thermal Discharging
SCL311	584	'9501055_/9501052'		10	10	10	2.824	2.4	10	2.85 No	2.4 Element Fault
SCL311	585	'554917812_/515140497_2'		3.33	3.33	3.33	0.944	0.9	3.33	0.95 No	0.9 Element Fault
SCL311	586	'515141483_/515140355'		10	10	10	2.824	4.6	10	2.84 No	2.824 Thermal Discharging
SCL311	587	'7815971_/8137351'		10	10	10	2.824	4	10	2.85 No	2.824 Thermal Discharging
SCL311	588	'3992886_/3992883_2'		3.33	3.33	3.33	0.944	0.9	3.33	0.92 No	0.9 Element Fault
SCL311	589	'443904798_/443905134'		10	10	10	2.824	4	10	2.85 No	2.824 Thermal Discharging
SCL311	590	'348134278_/348134385'		10	10	10	2.824	4	10	2.85 No	2.824 Thermal Discharging
SCL311	591	'109158984_/109158995'		3.33	3.33	3.33	0.944	0.7	3.33	0.95 No	0.7 Element Fault
SCL311	592	'4015759_/4015757'		10	10	10	2.824	10	10	2.84 No	2.824 Thermal Discharging
SCL311	593	'3997411_/3997425'		8.9	10	10	2.824	6	10	2.85 No	2.824 Thermal Discharging
SCL311	594	'3993538_/3993536'		10	10	10	2.824	3.9	10	2.85 No	2.824 Thermal Discharging
SCL311	595	'8244466_/9500952'		3.33	3.33	3.33	0.944	1.2	3.33	0.93 No	0.93 Unintentional Islanding
SCL311	596	'482519051_/8244500'		10	10	10	2.824	4.1	10	2.85 No	2.824 Thermal Discharging
SCL311	597	'515141026_/515141487'		10	10	10	2.824	4.6	10	2.84 No	2.824 Thermal Discharging
SCL311	598	'515140795_/3720835_2'		3.33	3.33	3.33	0.944	0.7	3.33	0.95 No	0.7 Element Fault
SCL311	599	'117045855_/4015848'		10	10	10	2.824	10	10	2.84 No	2.824 Thermal Discharging
SCL311	600	'8556344_/9186587'		3.33	3.33	3.33	0.944	0.7	3.33	0.95 No	0.7 Element Fault
SCL311	601	'4015694_/4015691_3'		10	10	10	2.824	8.8	10	2.84 No	2.824 Thermal Discharging
SCL311	602	'4015585_/4015831'		10	10	10	2.824	10	10	2.84 No	2.824 Thermal Discharging
SCL311	603	'3993556_/3993589'		10	10	10	2.824	3.9	10	2.85 No	2.824 Thermal Discharging
SCL311	604	'3992992_/3992990'		3.33	3.33	3.33	0.944	0.7	3.33	0.95 No	0.7 Element Fault
SCL311	605	'4006500_/4006497'		6.67	6.67	6.67	1.88	2.6	6.67	1.9 No	1.88 Thermal Discharging
SCL311	606	'4015428_/4015599'		10	10	10	2.824	10	10	2.84 No	2.824 Thermal Discharging
SCL311	607	'404626761_/4015691_2'		10	10	10	2.824	3.8	10	2.84 No	2.824 Thermal Discharging
SCL311	608	'71473942_/71473949'		3.33	3.33	3.33	0.944	0.77	3.33	0.95 No	0.77 Element Fault
SCL311	609	'4015441_/4015438_1'		3.33	3.33	3.33	0.944	1.2	3.33	0.95 No	0.944 Thermal Discharging
SCL311	610	'8244958_/8244956'		3.33	3.33	3.33	0.944	1.27	3.33	0.96 No	0.944 Thermal Discharging
SCL311	611	'4015412_/4015409_1'		3.33	3.33	3.33	0.944	1.2	3.33	0.95 No	0.944 Thermal Discharging
SCL311	612	'4015480_/4015494'		10	10	10	2.824	10	10	2.84 No	2.824 Thermal Discharging
SCL311	613	'3993526_/3993553'		3.33	3.33	3.33	0.944	1.3	3.33	0.95 No	0.944 Thermal Discharging
SCL311	614	'8244482_/482519072'		10	10	10	2.824	4.1	10	2.85 No	2.824 Thermal Discharging
SCL311	615	'7929430_/7929428'		3.33	3.33	3.33	0.944	0.7	3.33	0.95 No	0.7 Element Fault
SCL311	616	'4015454_/4015438_2'		3.33	3.33	3.33	0.944	1.2	3.33	0.95 No	0.944 Thermal Discharging
SCL311	617	'4015648_/4015691_1'		10	10	10	2.824	3.8	10	2.84 No	2.824 Thermal Discharging
SCL311	618	'4015479_/4015477'		10	10	10	2.824	10	10	2.84 No	2.824 Thermal Discharging
SCL311	619	'7929335_/8244432_1'		3.33	3.33	3.33	0.944	0.7	3.33	0.93 No	0.7 Element Fault
SCL311	620	'8770474_/7815969'		10	10	10	2.824	4	10	2.85 No	2.824 Thermal Discharging
SCL311	621	'43421904_/43424955'		10	10	10	2.824	3.8	10	2.84 No	2.824 Thermal Discharging
SCL311	622	'4015586_/4015583'		3.33	3.33	3.33	0.944	3.33	3.33	0.95 No	0.944 Thermal Discharging
SCL311	623	'8244483_/8244480'		10	10	10	2.824	4.1	10	2.85 No	2.824 Thermal Discharging
SCL311	624	'362036335_/43421906_1'		3.33	3.33	3.33	0.944	0.7	3.33	0.95 No	0.7 Element Fault
SCL311	625	'515816511_/483408530'		10	10	10	2.824	3.8	10	2.85 No	2.824 Thermal Discharging
SCL311	626	'4015516_/43425018_2'		3.33	3.33	3.33	0.944	2.9	3.33	0.95 No	0.944 Thermal Discharging
SCL311	627	'4015352_/4015550'		10	10	10	2.824	10	10	2.84 No	2.824 Thermal Discharging
SCL311	628	'7608254_/9186623'		3.33	3.33	3.33	0.944	0.7	3.33	0.95 No	0.7 Element Fault
SCL311	629	'50768899_/3997597_2'		8.2	10	10	2.824	6	10	2.85 No	2.824 Thermal Discharging
SCL311	630	'8556212_/8870641'		10	10	10	2.824	4.1	10	2.85 No	2.824 Thermal Discharging
SCL311	631	'3997410_/3997408'		8.2	10	10	2.824	6	10	2.85 No	2.824 Thermal Discharging
SCL311	632	'43422455_/4015464'		3.33	3.33	3.33	0.944	1.2	3.33	0.95 No	0.944 Thermal Discharging
SCL311	633	'53587048_/53587055'		3.33	3.33	3.33	0.944	1.2	3.33	0.95 No	0.944 Thermal Discharging
SCL311	634	'593094767_/8556210'		10	10	10	2.824	4.1	10	2.85 No	2.824 Thermal Discharging
SCL311	635	'4015244_/4015349'		10	10	10	2.824	10	10	2.84 No	2.824 Thermal Discharging
SCL311	636	'74385078_/74385081'		6.67	6.67	6.67	1.88	2.6	6.67	1.9 No	1.88 Thermal Discharging
SCL311	637	'8770475_/8770472'		10	10	10	2.824	4	10	2.85 No	2.824 Thermal Discharging
SCL311	638	'8244467_/8244464'		3.33	3.33	3.33	0.944	1.2	3.33	0.93 No	0.93 Unintentional Islanding
SCL311	639	'50811663_/43422346'		10	10	10	2.824	3.9	10	2.85 No	2.824 Thermal Discharging
SCL311	640	'7608321_/348134282'		10	10	10	2.824	4	10	2.85 No	2.824 Thermal Discharging
SCL311	641	'515140376_/515140373'		10	10	10	2.824	4.6	10	2.84 No	2.824 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SCL311	642	'4015385_/_4015527'		10	10	10	2.824	8.7	10	2.84 No	2.824 Thermal Discharging
SCL311	643	'4015204_/_4015332'		10	10	10	2.824	10	10	2.84 No	2.824 Thermal Discharging
SCL311	644	'8244838_/_8244836_1'	3.33	3.33	3.33	3.33	0.944	1.3	3.33	0.93 No	0.93 Unintentional Islanding
SCL311	645	'43421893_/_43421906_2'	3.33	3.33	3.33	3.33	0.944	0.7	3.33	0.95 No	0.7 Element Fault
SCL311	646	'121078767_/_109159029'	3.33	3.33	3.33	3.33	0.944	0.7	3.33	0.95 No	0.7 Element Fault
SCL311	647	'3993525_/_3993523'	3.33	3.33	3.33	3.33	0.944	1.3	3.33	0.95 No	0.944 Thermal Discharging
SCL311	648	'9709514_/_9709512'	10	10	10	2.824	4	10	2.85 No	2.824 Thermal Discharging	2.824 Thermal Discharging
SCL311	649	'4015386_/_4015396_1'	3.33	3.33	3.33	3.33	0.944	1.2	3.33	0.95 No	0.944 Thermal Discharging
SCL311	650	'4015315_/_4015366'	10	10	10	2.824	10	10	2.84 No	2.824 Thermal Discharging	2.824 Thermal Discharging
SCL311	651	'43425016_/_43425018_1'	3.33	3.33	3.33	3.33	0.944	1.2	3.33	0.95 No	0.944 Thermal Discharging
SCL311	652	'3987607_/_4016312'	3.33	3.33	3.33	3.33	0.944	1.2	3.33	0.95 No	0.944 Thermal Discharging
SCL311	653	'7929662_/_8244836_2'	3.33	3.33	3.33	3.33	0.944	1.3	3.33	0.93 No	0.93 Unintentional Islanding
SCL311	654	'593355209_/_588601805_3'	10	10	10	2.824	10	10	2.84 No	2.824 Thermal Discharging	2.824 Thermal Discharging
SCL311	655	'584434284_/_588601805_2'	10	10	10	2.824	10	10	2.84 No	2.824 Thermal Discharging	2.824 Thermal Discharging
SCL311	656	'4015298_/_588601805_1'	10	10	10	2.824	10	10	2.84 No	2.824 Thermal Discharging	2.824 Thermal Discharging
SCL311	657	'3997599_/_3997597_1'	7.8	10	10	2.824	6	10	2.85 No	2.824 Thermal Discharging	2.824 Thermal Discharging
SCL311	658	'73003324_/_73003321'	3.33	3.33	3.33	3.33	0.944	2	3.33	0.92 No	0.92 Unintentional Islanding
SCL311	659	'43424979_/_4015242'	10	10	10	2.824	10	10	2.84 No	2.824 Thermal Discharging	2.824 Thermal Discharging
SCL311	660	'8244435_/_8244432_2'	3.33	3.33	3.33	3.33	0.944	0.7	3.33	0.93 No	0.7 Element Fault
SCL311	661	'4015245_/_9499694_1'	10	10	10	2.824	3.8	10	2.84 No	2.824 Thermal Discharging	2.824 Thermal Discharging
SCL311	662	'3971848_/_4016069'	10	10	10	2.824	10	10	2.84 No	2.824 Thermal Discharging	2.824 Thermal Discharging
SCL311	663	'483408548_/_483408580'	10	10	10	2.824	3.8	10	2.85 No	2.824 Thermal Discharging	2.824 Thermal Discharging
SCL311	664	'3994794_/_3995436_1'	10	10	10	2.824	3.8	10	2.87 No	2.824 Thermal Discharging	2.824 Thermal Discharging
SCL311	665	'9185341_/_9185338'	10	10	10	2.824	2.4	10	2.84 No	2.4 Element Fault	2.4 Element Fault
SCL311	666	'3987684_/_3987681'	3.33	3.33	3.33	3.33	0.944	0.7	3.33	0.95 No	0.7 Element Fault
SCL311	667	'43424992_/_4015409_2'	3.33	3.33	3.33	3.33	0.944	1.2	3.33	0.95 No	0.944 Thermal Discharging
SCL311	668	'7929415_/_7929412'	3.33	3.33	3.33	3.33	0.944	0.7	3.33	0.95 No	0.7 Element Fault
SCL311	669	'3965208_/_4015645'	3.33	3.33	3.33	3.33	0.944	1.27	3.33	0.95 No	0.944 Thermal Discharging
SCL311	670	'3968238_/_3971845'	10	10	10	2.824	10	10	2.83 No	2.824 Thermal Discharging	2.824 Thermal Discharging
SCL311	671	'515816478_/_515816486'	10	10	10	2.824	3.8	10	2.85 No	2.824 Thermal Discharging	2.824 Thermal Discharging
SCL311	672	'7291323_/_9185358'	10	10	10	2.824	2.4	10	2.84 No	2.4 Element Fault	2.4 Element Fault
SCL311	673	'4047143_/_4047122'	6.67	6.67	6.67	1.88	2.6	6.67	1.9 No	1.88 Thermal Discharging	1.88 Thermal Discharging
SCL311	674	'43421882_/_3987605'	3.33	3.33	3.33	3.33	0.944	1.2	3.33	0.95 No	0.944 Thermal Discharging
SCL311	675	'8243383_/_8869101_1'	3.33	3.33	3.33	3.33	0.944	0.8	3.33	0.94 No	0.8 Element Fault
SCL311	676	'7607169_/_8869135'	6.67	6.67	6.67	1.88	1.6	6.67	1.89 No	1.6 Element Fault	1.6 Element Fault
SCL311	677	'43424914_/_3968236'	10	10	10	2.824	10	10	2.83 No	2.824 Thermal Discharging	2.824 Thermal Discharging
SCL311	678	'3993625_/_3993623'	3.33	3.33	3.33	3.33	0.944	1.3	3.33	0.95 No	0.944 Thermal Discharging
SCL311	679	'7294533_/_7294531_1'	3.33	3.33	3.33	3.33	0.944	0.8	3.33	0.95 No	0.8 Element Fault
SCL311	680	'469686745_/_7608319'	10	10	10	2.824	4	10	2.85 No	2.824 Thermal Discharging	2.824 Thermal Discharging
SCL311	681	'8244994_/_8244992'	3.33	3.33	3.33	3.33	0.944	1.27	3.33	0.96 No	0.944 Thermal Discharging
SCL311	682	'43421997_/_4015222'	10	10	10	2.824	10	10	2.84 No	2.824 Thermal Discharging	2.824 Thermal Discharging
SCL311	683	'43421871_/_4015396_2'	3.33	3.33	3.33	3.33	0.944	1.2	3.33	0.95 No	0.944 Thermal Discharging
SCL311	684	'4016787_/_4016767'	10	10	10	2.824	10	10	2.83 No	2.824 Thermal Discharging	2.824 Thermal Discharging
SCL311	685	'515140392_/_515140389'	10	10	10	2.824	4.6	10	2.84 No	2.824 Thermal Discharging	2.824 Thermal Discharging
SCL311	686	'49960249_/_8245228_2'	10	10	10	2.824	10	10	2.84 No	2.824 Thermal Discharging	2.824 Thermal Discharging
SCL311	687	'7607170_/_7607167'	10	10	10	2.824	2.4	10	2.83 No	2.4 Element Fault	2.4 Element Fault
SCL311	688	'7608733_/_7608731_1'	10	10	10	2.824	3.8	10	2.83 No	2.824 Thermal Discharging	2.824 Thermal Discharging
SCL311	689	'9185193_/_9499694_2'	10	10	10	2.824	3.8	10	2.84 No	2.824 Thermal Discharging	2.824 Thermal Discharging
SCL311	690	'3968255_/_3968253'	3.33	3.33	3.33	3.33	0.944	1.2	3.33	0.95 No	0.944 Thermal Discharging
SCL311	691	'43425053_/_4016801'	10	10	10	2.824	10	10	2.83 No	2.824 Thermal Discharging	2.824 Thermal Discharging
SCL311	692	'8245231_/_8245228_1'	10	10	10	2.824	4.3	10	2.84 No	2.824 Thermal Discharging	2.824 Thermal Discharging
SCL311	693	'39680884_/_44094544'	3.33	3.33	3.33	3.33	0.944	1.33	3.33	0.92 No	0.92 Unintentional Islanding
SCL311	694	'3968335_/_43424994'	3.33	3.33	3.33	3.33	0.944	1.2	3.33	0.95 No	0.944 Thermal Discharging
SCL311	695	'40678265_/_7502340'	10	10	10	2.824	4	10	2.85 No	2.824 Thermal Discharging	2.824 Thermal Discharging
SCL311	696	'53587182_/_53587189'	3.33	3.33	3.33	3.33	0.944	1.2	3.33	0.95 No	0.944 Thermal Discharging
SCL311	697	'4044918_/_4044935'	7.3	10	10	2.824	6	10	2.85 No	2.824 Thermal Discharging	2.824 Thermal Discharging
SCL311	698	'3987608_/_43421884'	3.33	3.33	3.33	3.33	0.944	1.2	3.33	0.95 No	0.944 Thermal Discharging
SCL311	699	'53361721_/_4016821'	10	10	10	2.824	10	10	2.83 No	2.824 Thermal Discharging	2.824 Thermal Discharging
SCL311	700	'8244383_/_8244380'	3.33	3.33	3.33	3.33	0.944	1.37	3.33	0.92 No	0.92 Unintentional Islanding
SCL311	701	'7796135_/_7796173'	3.33	3.33	3.33	3.33	0.944	1.33	3.33	0.92 No	0.92 Unintentional Islanding
SCL311	702	'52095351_/_4016838'	10	10	10	2.824	10	10	2.83 No	2.824 Thermal Discharging	2.824 Thermal Discharging
SCL311	703	'7608253_/_7608251'	3.33	3.33	3.33	3.33	0.944	0.7	3.33	0.95 No	0.7 Element Fault
SCL311	704	'43421522_/_43421524'	3.33	3.33	3.33	3.33	0.944	1.27	3.33	0.95 No	0.944 Thermal Discharging
SCL311	705	'7608734_/_7608731_2'	10	10	10	2.824	3.8	10	2.83 No	2.824 Thermal Discharging	2.824 Thermal Discharging
SCL311	706	'8243398_/_8869101_2'	3.33	3.33	3.33	3.33	0.944	0.8	3.33	0.94 No	0.8 Element Fault
SCL311	707	'52095346_/_52095348'	10	10	10	2.824	10	10	2.83 No	2.824 Thermal Discharging	2.824 Thermal Discharging
SCL311	708	'3968506_/_3968504'	3.33	3.33	3.33	3.33	0.944	1.2	3.33	0.95 No	0.944 Thermal Discharging
SCL311	709	'3968336_/_3968333'	3.33	3.33	3.33	3.33	0.944	1.2	3.33	0.95 No	0.944 Thermal Discharging
SCL311	710	'4006527_/_4047153'	6.67	6.67	6.67	1.88	2.6	6.67	1.9 No	1.88 Thermal Discharging	1.88 Thermal Discharging
SCL311	711	'7929663_/_7929660'	3.33	3.33	3.33	3.33	0.944	1.3	3.33	0.92 No	0.92 Unintentional Islanding
SCL311	712	'7607433_/_8869453'	10	10	10	2.824	3.8	10	2.83 No	2.824 Thermal Discharging	2.824 Thermal Discharging
SCL311	713	'3968209_/_43421873'	3.33	3.33	3.33	3.33	0.944	1.2	3.33	0.95 No	0.944 Thermal Discharging
SCL311	714	'7928704_/_9185823'	10	10	10	2.824	2.4	10	2.83 No	2.4 Element Fault	2.4 Element Fault
SCL311	715	'4044917_/_50664497'	6.9	10	10	2.824	6	10	2.85 No	2.824 Thermal Discharging	2.824 Thermal Discharging
SCL311	716	'515140408_/_515140405'	10	10	10	2.824	4.6	10	2.84 No	2.824 Thermal Discharging	2.824 Thermal Discharging
SCL311	717	'8556345_/_8556342_1'	3.33	3.33	3.33	3.33	0.944	1.2	3.33	0.95 No	0.944 Thermal Discharging
SCL311	718	'528137871_/_528137840_1'	10	10	10	2.824	2.3	10	2.84 No	2.3 Element Fault	2.3 Element Fault
SCL311	719	'7608206_/_8556194_1'	3.33	3.33	3.33	3.33	0.944	0.8	3.33	0.92 No	0.8 Element Fault
SCL311	720	'7608190_/_7929364_1'	3.33	3.33	3.33	3.33	0.944	0.7	3.33	0.92 No	0.7 Element Fault
SCL311	721	'7607434_/_7607431'	10	10	10	2.824	3.8	10	2.83 No	2.824 Thermal Discharging	2.824 Thermal Discharging
SCL311	722	'8556213_/_593094795'	10	10	10	2.824	4.1	10	2.85 No	2.824 Thermal Discharging	2.824 Thermal Discharging
SCL311	723	'7928705_/_7928702'	10	10	10	2.824	2.4	10	2.83 No	2.4 Element Fault	2.4 Element Fault
SCL311	724	'7607189_/_9185190'	10	10	10	2.824	3.8	10	2.83 No	2.824 Thermal Discharging	2.824 Thermal Discharging
SCL311	725	'357326382_/_3994792'	9.8	10	10	2.824	3.8	10	2.86 No	2.824 Thermal Discharging	2.824 Thermal Discharging
SCL311	726	'533416812_/_533416809'	3.33	3.33	3.33	3.33	0.944	1.2	3.33	0.95 No	0.944 Thermal Discharging
SCL311	727	'9186484_/_9186481'	3.33	3.33	3.33	3.33	0.944	0.7	3.33	0.92 No	0.7 Element Fault
SCL311	728	'65354736_/_65354739'	3.33	3.33	3.33	3.33	0.944	1.2	3.33	0.95 No	0.944 Thermal Discharging
SCL311	729	'7294534_/_7294531_2'	3.33	3.33	3.33	3.33	0.944	0.8	3.33	0.95 No	0.8 Element Fault
SCL311	730	'118441984_/_7607187'	10	10	10	2.824	3.8	10	2.83 No	2.824 Thermal Discharging	2.824 Thermal Discharging
SCL311	731	'70627802_/_70627809'	3.33	3.33	3.33	3.33	0.944	1.2	3.33	0.95 No	0.944 Thermal Discharging
SCL311	732	'51225762_/_469686776'	10	10	10	2.824	4	10	2.84 No	2.824 Thermal Discharging	2.824 Thermal Discharging
SCL311	733	'4006514_/_4006525'	6.67	6.67	6.67	1.88	2.6	6.67	1.9 No	1.88 Thermal Discharging	1.88 Thermal Discharging
SCL311	734	'3965207_/_3965205'	3.33	3.33	3.33	3.33	0.944	1.27	3.33	0.95 No	0.944 Thermal Discharging
SCL311	735	'70627755_/_70627821'	3.33	3.33	3.33	3.33	0.944	1.2	3.33	0.95 No	0.944 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SCL311	736	'8231679_/_8231676'		10	10	10	2.824	3.8	10	2.83 No	2.824 Thermal Discharging
SCL311	737	'8244399_/_8244396'	3.33	3.33	3.33	3.33	0.944	1.37	3.33	0.92 No	0.92 Unintentional Islanding
SCL311	738	'515140424_/_515140421'		10	10	10	2.824	4.6	10	2.83 No	2.824 Thermal Discharging
SCL311	739	'70628090_/_53587497_1'	3.33	3.33	3.33	3.33	0.944	0.77	3.33	0.95 No	0.77 Element Fault
SCL311	740	'51225740_/_51225766'		10	10	10	2.824	4	10	2.84 No	2.824 Thermal Discharging
SCL311	741	'8243399_/_8243396'	3.33	3.33	3.33	3.33	0.944	0.8	3.33	0.94 No	0.8 Element Fault
SCL311	742	'3520645_/_7124115'		6.6	10	10	2.824	6	10	2.85 No	2.824 Thermal Discharging
SCL311	743	'537442354_/_537442316_1'		10	10	10	2.824	3.8	10	2.83 No	2.824 Thermal Discharging
SCL311	744	'8555021_/_8555018'	6.67	6.67	6.67	1.88	2.53	6.67	1.89 No	1.88 Thermal Discharging	
SCL311	745	'3987546_/_3987543'	3.33	3.33	3.33	3.33	0.944	1.2	3.33	0.94 No	0.94 Unintentional Islanding
SCL311	746	'533416832_/_533416830'	3.33	3.33	3.33	3.33	0.944	1.2	3.33	0.94 No	0.94 Unintentional Islanding
SCL311	747	'9501395_/_9501392'		10	10	10	2.824	4.1	10	2.85 No	2.824 Thermal Discharging
SCL311	748	'533540142_/_533540139'	3.33	3.33	3.33	3.33	0.944	1.53	3.33	0.94 No	0.94 Unintentional Islanding
SCL311	749	'9186574_/_9186571'	3.33	3.33	3.33	3.33	0.944	0.7	3.33	0.95 No	0.7 Element Fault
SCL311	750	'4006515_/_4006512'	3.33	3.33	3.33	3.33	0.944	1.3	3.33	0.95 No	0.944 Thermal Discharging
SCL311	751	'3520644_/_3520642'		6.4	10	10	2.824	6	10	2.85 No	2.824 Thermal Discharging
SCL311	752	'3987562_/_3987559'	3.33	3.33	3.33	3.33	0.944	1.2	3.33	0.94 No	0.94 Unintentional Islanding
SCL311	753	'119947991_/_51225747'		10	10	10	2.824	4	10	2.84 No	2.824 Thermal Discharging
SCL311	754	'119947954_/_119983062'		10	10	10	2.824	4	10	2.84 No	2.824 Thermal Discharging
SCL311	755	'7608322_/_469686716'		10	10	10	2.824	4	10	2.84 No	2.824 Thermal Discharging
SCL311	756	'470820333_/_470820151_2'		6.4	10	10	2.824	6	10	2.85 No	2.824 Thermal Discharging
SCL311	757	'8231663_/_8869437'	3.33	3.33	3.33	3.33	0.944	0.8	3.33	0.94 No	0.8 Element Fault
SCL311	758	'119948005_/_119983044'		10	10	10	2.824	4	10	2.84 No	2.824 Thermal Discharging
SCL311	759	'611297869_/_528137840_2'		10	10	10	2.824	2.3	10	2.83 No	2.3 Element Fault
SCL311	760	'4012348_/_4012345'	6.67	6.67	6.67	1.88	2.6	6.67	1.9 No	1.88 Thermal Discharging	
SCL311	761	'91789003_/_730032110_1'	3.33	3.33	3.33	3.33	0.944	1.2	3.33	0.92 No	0.92 Unintentional Islanding
SCL311	762	'7929859_/_9501412'		10	10	10	2.824	4.1	10	2.84 No	2.824 Thermal Discharging
SCL311	763	'7928492_/_8231660'	3.33	3.33	3.33	3.33	0.944	0.8	3.33	0.94 No	0.8 Element Fault
SCL311	764	'4006543_/_4006540'	3.33	3.33	3.33	3.33	0.944	1.3	3.33	0.95 No	0.944 Thermal Discharging
SCL311	765	'54319562_/_54319405_1'	3.33	3.33	3.33	3.33	0.944	0.7	3.33	0.95 No	0.7 Element Fault
SCL311	766	'8869476_/_8869473'		10	10	10	2.824	3.8	10	2.83 No	2.824 Thermal Discharging
SCL311	767	'73003213_/_730032110_2'	3.33	3.33	3.33	3.33	0.944	1.2	3.33	0.92 No	0.92 Unintentional Islanding
SCL311	768	'7292990_/_53758774_2'	3.33	3.33	3.33	3.33	0.944	1.3	3.33	0.95 No	0.944 Thermal Discharging
SCL311	769	'8245174_/_8245172_1'	3.33	3.33	3.33	3.33	0.944	0.7	3.33	0.95 No	0.7 Element Fault
SCL311	770	'50973749_/_50973746'		6.1	10	10	2.824	6	10	2.85 No	2.824 Thermal Discharging
SCL311	771	'7928493_/_7928490'	3.33	3.33	3.33	3.33	0.944	0.8	3.33	0.94 No	0.8 Element Fault
SCL311	772	'8556862_/_8870805'	3.33	3.33	3.33	3.33	0.944	1.3	3.33	0.92 No	0.92 Unintentional Islanding
SCL311	773	'357326132_/_357326384'		8.6	10	10	2.824	3.8	10	2.86 No	2.824 Thermal Discharging
SCL311	774	'537442300_/_537442316_2'		10	10	10	2.824	3.8	10	2.83 No	2.824 Thermal Discharging
SCL311	775	'7929367_/_7929364_2'	3.33	3.33	3.33	3.33	0.944	0.7	3.33	0.92 No	0.7 Element Fault
SCL311	776	'7929914_/_9502266'		10	10	10	2.824	3.8	10	2.83 No	2.824 Thermal Discharging
SCL311	777	'622933790_/_7929912_1'		10	10	10	2.824	3.8	10	2.83 No	2.824 Thermal Discharging
SCL311	778	'9501115_/_9501112'	3.33	3.33	3.33	3.33	0.944	0.7	3.33	0.95 No	0.7 Element Fault
SCL311	779	'3520557_/_3520659'		5.9	10	10	2.824	6	10	2.84 No	2.824 Thermal Discharging
SCL311	780	'56981425_/_54328159'		10	10	10	2.824	4	10	2.84 No	2.824 Thermal Discharging
SCL311	781	'447904740_/_447904760'		10	10	10	2.824	4.1	10	2.84 No	2.824 Thermal Discharging
SCL311	782	'8556577_/_447904792'		10	10	10	2.824	4.1	10	2.84 No	2.824 Thermal Discharging
SCL311	783	'8557502_/_9186703'	3.33	3.33	3.33	3.33	0.944	0.8	3.33	0.95 No	0.8 Element Fault
SCL311	784	'53466863_/_4012363'	6.67	6.67	6.67	1.88	2.6	6.67	1.89 No	1.88 Thermal Discharging	
SCL311	785	'73003147_/_73003144'		5.9	10	10	2.824	6	10	2.84 No	2.824 Thermal Discharging
SCL311	786	'471543311_/_9500868'		10	10	10	2.824	4.1	10	2.84 No	2.824 Thermal Discharging
SCL311	787	'54319348_/_54319405_2'	3.33	3.33	3.33	3.33	0.944	0.7	3.33	0.95 No	0.7 Element Fault
SCL311	788	'56981459_/_56981487'		10	10	10	2.824	4	10	2.84 No	2.824 Thermal Discharging
SCL311	789	'8556197_/_8556194_2'	3.33	3.33	3.33	3.33	0.944	0.8	3.33	0.92 No	0.8 Element Fault
SCL311	790	'357326425_/_357326422'		8.1	10	10	2.824	3.8	10	2.86 No	2.824 Thermal Discharging
SCL311	791	'471543264_/_471543340'		10	10	10	2.824	4.1	10	2.84 No	2.824 Thermal Discharging
SCL311	792	'56981394_/_56981466'		10	10	10	2.824	4	10	2.84 No	2.824 Thermal Discharging
SCL311	793	'3997643_/_3997640'	3.33	3.33	3.33	3.33	0.944	1.2	3.33	0.92 No	0.92 Unintentional Islanding
SCL311	794	'7608342_/_9501128'	3.33	3.33	3.33	3.33	0.944	0.7	3.33	0.95 No	0.7 Element Fault
SCL311	795	'50460173_/_50460175'	3.33	3.33	3.33	3.33	0.944	1.3	3.33	0.95 No	0.944 Thermal Discharging
SCL311	796	'357326465_/_357326462'		8	10	10	2.824	3.8	10	2.86 No	2.824 Thermal Discharging
SCL311	797	'572110538_/_572110510_1'		3.2	3.33	3.33	0.944	1.2	3.33	0.92 No	0.92 Unintentional Islanding
SCL311	798	'471543224_/_471543293'		10	10	10	2.824	4.1	10	2.84 No	2.824 Thermal Discharging
SCL311	799	'43327605_/_3520555'		5.6	10	10	2.824	6	10	2.84 No	2.824 Thermal Discharging
SCL311	800	'3520592_/_3520589'		5.9	10	10	2.824	6	10	2.84 No	2.824 Thermal Discharging
SCL311	801	'428785238_/_4012408_2'	3.33	3.33	3.33	3.33	0.944	1.3	3.33	0.95 No	0.944 Thermal Discharging
SCL311	802	'7608641_/_8245172_2'	3.33	3.33	3.33	3.33	0.944	0.7	3.33	0.95 No	0.7 Element Fault
SCL311	803	'528137824_/_611297891'		10	10	10	2.824	2.3	10	2.83 No	2.3 Element Fault
SCL311	804	'470820135_/_470820151_1'		6.4	10	10	2.824	3.8	10	2.84 No	2.824 Thermal Discharging
SCL311	805	'7608785_/_8556860'	3.33	3.33	3.33	3.33	0.944	1.3	3.33	0.92 No	0.92 Unintentional Islanding
SCL311	806	'471543356_/_471543228'		10	10	10	2.824	4.1	10	2.84 No	2.824 Thermal Discharging
SCL311	807	'3997656_/_3997653'	3.33	3.33	3.33	3.33	0.944	1.2	3.33	0.92 No	0.92 Unintentional Islanding
SCL311	808	'471543387_/_471543418'		10	10	10	2.824	4.1	10	2.84 No	2.824 Thermal Discharging
SCL311	809	'357326503_/_357326500'		7.7	10	10	2.824	3.8	10	2.86 No	2.824 Thermal Discharging
SCL311	810	'7170896_/_4012408_1'	3.33	3.33	3.33	3.33	0.944	1.3	3.33	0.95 No	0.944 Thermal Discharging
SCL311	811	'54328152_/_56981396'		10	10	10	2.824	4	10	2.84 No	2.824 Thermal Discharging
SCL311	812	'470820169_/_470820177'		6.4	10	10	2.824	3.8	10	2.84 No	2.824 Thermal Discharging
SCL311	813	'3997672_/_3997669'	3.33	3.33	3.33	3.33	0.944	1.2	3.33	0.92 No	0.92 Unintentional Islanding
SCL311	814	'53303214_/_56981536'		9.9	10	10	2.824	4	10	2.84 No	2.824 Thermal Discharging
SCL311	815	'3520575_/_3520572'		5.3	10	10	2.824	6	10	2.84 No	2.824 Thermal Discharging
SCL311	816	'53303247_/_53303254'		9.8	10	10	2.824	4	10	2.84 No	2.824 Thermal Discharging
SCL311	817	'60846036_/_60845992_1'		5.3	10	10	2.824	3.8	10	2.84 No	2.824 Thermal Discharging
SCL311	818	'448637034_/_448637031'		5.9	10	10	2.824	6	10	2.84 No	2.824 Thermal Discharging
SCL311	819	'357326236_/_357326520'		7.4	10	10	2.824	3.8	10	2.86 No	2.824 Thermal Discharging
SCL311	820	'9500939_/_9500936'	3.33	3.33	3.33	3.33	0.944	0.7	3.33	0.92 No	0.7 Element Fault
SCL311	821	'423012205_/_43430108'	3.23	3.33	3.33	3.33	0.944	1.3	3.33	0.95 No	0.944 Thermal Discharging
SCL311	822	'7291324_/_7291321'	3.33	3.33	3.33	3.33	0.944	0.8	3.33	0.92 No	0.8 Element Fault
SCL311	823	'357326285_/_357326238'		7.2	10	10	2.824	3.8	10	2.85 No	2.824 Thermal Discharging
SCL311	824	'60845985_/_60845992_2'		5.3	10	10	2.824	3.8	10	2.84 No	2.824 Thermal Discharging
SCL311	825	'44058298_/_4012332'		3.2	3.33	3.33	0.944	1.3	3.33	0.95 No	0.944 Thermal Discharging
SCL311	826	'7929383_/_8870609'	3.33	3.33	3.33	3.33	0.944	0.8	3.33	0.92 No	0.8 Element Fault
SCL311	827	'493893659_/_119982955_1'		10	10	10	2.824	4	10	2.83 No	2.824 Thermal Discharging
SCL311	828	'8557503_/_8557500'	3.1	3.33	3.33	3.33	0.944	0.8	3.33	0.95 No	0.8 Element Fault
SCL311	829	'7928225_/_8554842'	3.33	3.33	3.33	3.33	0.944	0.8	3.33	0.92 No	0.8 Element Fault

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SCL311	830	'4333835_/3520856'		5	10	10	2.824	6	10	2.84 No	2.824 Thermal Discharging
SCL311	831	'572110494_/572110510_2'		3.23	3.33	3.33	0.944	1.2	3.33	0.92 No	0.92 Unintentional Islanding
SCL311	832	'89966953_/471543393'		9.4	10	10	2.824	4.1	10	2.84 No	2.824 Thermal Discharging
SCL311	833	'3994778_/357326287'		7	10	10	2.824	3.8	10	2.85 No	2.824 Thermal Discharging
SCL311	834	'54319575_/54319582'		3.07	3.33	3.33	0.944	0.7	3.33	0.94 No	0.7 Element Fault
SCL311	835	'7292973_/7608639'		3.33	3.33	3.33	0.944	0.7	3.33	0.94 No	0.7 Element Fault
SCL311	836	'7608786_/7608783'		3.33	3.33	3.33	0.944	1.3	3.33	0.92 No	0.92 Unintentional Islanding
SCL311	837	'7928224_/7928222'		3.33	3.33	3.33	0.944	0.8	3.33	0.92 No	0.8 Element Fault
SCL311	838	'89966998_/89967027'		9	10	10	2.824	4.1	10	2.83 No	2.824 Thermal Discharging
SCL311	839	'3520679_/3520689_1'		2.37	3.33	3.33	0.944	1.2	3.33	0.92 No	0.92 Unintentional Islanding
SCL311	840	'7470507_/9186687'		2.93	3.33	3.33	0.944	0.8	3.33	0.95 No	0.8 Element Fault
SCL311	841	'43430093_/44058300'		3	3.33	3.33	0.944	1.3	3.33	0.94 No	0.94 Unintentional Islanding
SCL311	842	'53758777_/53758774_1'		3.33	3.33	3.33	0.944	0.8	3.33	0.94 No	0.8 Element Fault
SCL311	843	'3520876_/43333837'		4.8	10	10	2.824	6	10	2.84 No	2.824 Thermal Discharging
SCL311	844	'7292974_/7292971'		3.33	3.33	3.33	0.944	0.7	3.33	0.94 No	0.7 Element Fault
SCL311	845	'7928724_/7928722'		3.33	3.33	3.33	0.944	0.8	3.33	0.92 No	0.8 Element Fault
SCL311	846	'89966916_/89967009'		8.7	10	10	2.824	4.1	10	2.83 No	2.824 Thermal Discharging
SCL311	847	'3520692_/3520689_2'		2.4	3.33	3.33	0.944	1.2	3.33	0.92 No	0.92 Unintentional Islanding
SCL311	848	'8134553_/9640455'		3.33	3.33	3.33	0.944	1.3	3.33	0.92 No	0.92 Unintentional Islanding
SCL311	849	'7928240_/9500174'		3.33	3.33	3.33	0.944	0.8	3.33	0.92 No	0.8 Element Fault
SCL311	850	'7811770_/8134551'		3.33	3.33	3.33	0.944	1.3	3.33	0.92 No	0.92 Unintentional Islanding
SCL311	851	'53758812_/53758819'		3.33	3.33	3.33	0.944	0.8	3.33	0.94 No	0.8 Element Fault
SCL311	852	'7811769_/7811767'		3.33	3.33	3.33	0.944	1.3	3.33	0.92 No	0.92 Unintentional Islanding
SCL311	853	'3994960_/3994974'		2.83	3.33	3.33	0.944	1.3	3.33	0.94 No	0.94 Unintentional Islanding
SCL311	854	'7929382_/7929380'		3.33	3.33	3.33	0.944	0.8	3.33	0.92 No	0.8 Element Fault
SCL311	855	'53758847_/53758873'		3.33	3.33	3.33	0.944	0.8	3.33	0.94 No	0.8 Element Fault
SCL311	856	'3521241_/3521238'		4.6	10	10	2.824	6	10	2.83 No	2.824 Thermal Discharging
SCL311	857	'7292546_/9186517'		8.2	10	10	2.824	4.1	10	2.83 No	2.824 Thermal Discharging
SCL311	858	'8243414_/8243412'		3.33	3.33	3.33	0.944	0.8	3.33	0.92 No	0.8 Element Fault
SCL311	859	'8871314_/9078017_1'		3.33	3.33	3.33	0.944	1.2	3.33	0.92 No	0.92 Unintentional Islanding
SCL311	860	'3520705_/3520702'		2.4	3.33	3.33	0.944	1.2	3.33	0.92 No	0.92 Unintentional Islanding
SCL311	861	'7292526_/7292543'		8.1	10	10	2.824	4.1	10	2.83 No	2.824 Thermal Discharging
SCL311	862	'54319606_/54319613'		2.7	3.33	3.33	0.944	0.7	3.33	0.94 No	0.7 Element Fault
SCL311	863	'3714172_/7097558'		6.2	10	10	2.824	5.9	10	2.85 No	2.824 Thermal Discharging
SCL311	864	'39682004_/7470505'		2.63	3.33	3.33	0.944	0.8	3.33	0.94 No	0.8 Element Fault
SCL311	865	'3520721_/3520718'		2.4	3.33	3.33	0.944	1.2	3.33	0.92 No	0.92 Unintentional Islanding
SCL311	866	'7292525_/7292523'		8	10	10	2.824	4.1	10	2.83 No	2.824 Thermal Discharging
SCL311	867	'51553566_/7170877_1'		2.07	3.33	3.33	0.944	1.2	3.33	0.95 No	0.944 Thermal Discharging
SCL311	868	'3521152_/3521434'		4.4	10	10	2.824	6	10	2.83 No	2.824 Thermal Discharging
SCL311	869	'53758797_/53758854'		3.33	3.33	3.33	0.944	0.8	3.33	0.94 No	0.8 Element Fault
SCL311	870	'3995018_/3995042'		2.7	3.33	3.33	0.944	1.3	3.33	0.94 No	0.94 Unintentional Islanding
SCL311	871	'9370604_/9370602'		3.33	3.33	3.33	0.944	0.8	3.33	0.92 No	0.8 Element Fault
SCL311	872	'51961918_/54319636'		2.6	3.33	3.33	0.944	0.7	3.33	0.94 No	0.7 Element Fault
SCL311	873	'7607472_/8869509'		3.33	3.33	3.33	0.944	1.27	3.33	0.92 No	0.92 Unintentional Islanding
SCL311	874	'7292989_/7292987'		3.33	3.33	3.33	0.944	0.8	3.33	0.94 No	0.8 Element Fault
SCL311	875	'3521349_/3521346'		4.3	10	10	2.824	6	10	2.83 No	2.824 Thermal Discharging
SCL311	876	'43370031_/7170877_2'		2.1	3.33	3.33	0.944	1.2	3.33	0.95 No	0.944 Thermal Discharging
SCL311	877	'51961887_/51961925'		2.5	3.33	3.33	0.944	0.7	3.33	0.94 No	0.7 Element Fault
SCL311	878	'7931183_/8872607_1'		7.1	10	10	2.824	3.8	10	2.83 No	2.824 Thermal Discharging
SCL311	879	'3995019_/3995016'		2.57	3.33	3.33	0.944	1.3	3.33	0.94 No	0.94 Unintentional Islanding
SCL311	880	'418163527_/418163531'		3.33	3.33	3.33	0.944	0.8	3.33	0.94 No	0.8 Element Fault
SCL311	881	'3714158_/3714169'		5.8	10	10	2.824	5.9	10	2.84 No	2.824 Thermal Discharging
SCL311	882	'8442115_/8442112'		2.43	3.33	3.33	0.944	0.8	3.33	0.94 No	0.8 Element Fault
SCL311	883	'38167453_/9705888'		2.43	3.33	3.33	0.944	0.8	3.33	0.94 No	0.8 Element Fault
SCL311	884	'3714142_/3714140_1'		1.93	3.33	3.33	0.944	1.2	3.33	0.95 No	0.944 Thermal Discharging
SCL311	885	'3520608_/3520606'		2.2	3.33	3.33	0.944	2	3.33	0.92 No	0.92 Unintentional Islanding
SCL311	886	'8556180_/8870625'		3.33	3.33	3.33	0.944	0.8	3.33	0.92 No	0.8 Element Fault
SCL311	887	'3995032_/3995029'		2.43	3.33	3.33	0.944	1.3	3.33	0.94 No	0.94 Unintentional Islanding
SCL311	888	'3521366_/3521363'		4	10	10	2.824	6	10	2.83 No	2.824 Thermal Discharging
SCL311	889	'425230125_/3995153'		2.43	3.33	3.33	0.944	1.3	3.33	0.94 No	0.94 Unintentional Islanding
SCL311	890	'3714127_/43370033'		2.03	3.33	3.33	0.944	1.2	3.33	0.95 No	0.944 Thermal Discharging
SCL311	891	'423012291_/152816367_2'		2.43	3.33	3.33	0.944	1.3	3.33	0.94 No	0.94 Unintentional Islanding
SCL311	892	'418163643_/418163640'		3.1	3.33	3.33	0.944	0.8	3.33	0.94 No	0.8 Element Fault
SCL311	893	'8244451_/8556178'		3.33	3.33	3.33	0.944	0.8	3.33	0.92 No	0.8 Element Fault
SCL311	894	'152222118_/3995127'		2.33	3.33	3.33	0.944	1.3	3.33	0.94 No	0.94 Unintentional Islanding
SCL311	895	'3714143_/3714140_2'		1.93	3.33	3.33	0.944	1.2	3.33	0.95 No	0.944 Thermal Discharging
SCL311	896	'418163544_/418163690'		3	3.33	3.33	0.944	0.8	3.33	0.94 No	0.8 Element Fault
SCL311	897	'51961825_/51961832'		2.23	3.33	3.33	0.944	0.8	3.33	0.94 No	0.8 Element Fault
SCL311	898	'152816365_/152816367_1'		2.3	3.33	3.33	0.944	0.7	3.33	0.94 No	0.7 Element Fault
SCL311	899	'43333871_/3521468'		3.8	10	10	2.824	6	10	2.83 No	2.824 Thermal Discharging
SCL311	900	'152219944_/152222120'		2.27	3.33	3.33	0.944	1.3	3.33	0.94 No	0.94 Unintentional Islanding
SCL311	901	'3520910_/3520907'		1.7	3.33	3.33	0.944	2	3.33	0.92 No	0.92 Unintentional Islanding
SCL311	902	'421820503_/3994958'		2.2	3.33	3.33	0.944	0.7	3.33	0.94 No	0.7 Element Fault
SCL311	903	'51961856_/51961863'		2.1	3.33	3.33	0.944	0.8	3.33	0.94 No	0.8 Element Fault
SCL311	904	'54319664_/51961894_1'		2.1	3.33	3.33	0.944	0.7	3.33	0.94 No	0.7 Element Fault
SCL311	905	'152817405_/152817407'		2.17	3.33	3.33	0.944	0.7	3.33	0.94 No	0.7 Element Fault
SCL311	906	'9186978_/418163548'		2.8	3.33	3.33	0.944	0.8	3.33	0.94 No	0.8 Element Fault
SCL311	907	'152219908_/152219946'		2.17	3.33	3.33	0.944	1.3	3.33	0.94 No	0.94 Unintentional Islanding
SCL311	908	'3521153_/3521150'		1.57	3.33	3.33	0.944	2	3.33	0.92 No	0.92 Unintentional Islanding
SCL311	909	'3521453_/43333873'		3.6	10	10	2.824	6	10	2.82 No	2.82 Unintentional Islanding
SCL311	910	'8244450_/8244448'		3.33	3.33	3.33	0.944	0.8	3.33	0.92 No	0.8 Element Fault
SCL311	911	'3521166_/3521163'		1.57	3.33	3.33	0.944	2	3.33	0.92 No	0.92 Unintentional Islanding
SCL311	912	'152817444_/152817446'		2.07	3.33	3.33	0.944	0.7	3.33	0.94 No	0.7 Element Fault
SCL311	913	'152219872_/152219910'		2.1	3.33	3.33	0.944	1.3	3.33	0.94 No	0.94 Unintentional Islanding
SCL311	914	'3521194_/3521451'		3.4	10	10	2.824	6	10	2.82 No	2.82 Unintentional Islanding
SCL311	915	'8244703_/8244700'		3.33	3.33	3.33	0.944	0.8	3.33	0.92 No	0.8 Element Fault
SCL311	916	'43333884_/3521192'		3.4	10	10	2.824	6	10	2.82 No	2.82 Unintentional Islanding
SCL311	917	'3521195_/3521258_1'		3.4	10	10	2.824	3.8	10	2.82 No	2.82 Unintentional Islanding
SCL311	918	'3521400_/3521397'		3.4	10	10	2.824	6	10	2.82 No	2.82 Unintentional Islanding
SCL311	919	'49932249_/9444588_2'		3.4	10	10	2.824	6	10	2.82 No	2.82 Unintentional Islanding
SCL311	920	'152199714_/152219874'		2	3.33	3.33	0.944	1.3	3.33	0.94 No	0.94 Unintentional Islanding
SCL311	921	'421820531_/43424802'		2	3.33	3.33	0.944	0.7	3.33	0.94 No	0.7 Element Fault
SCL311	922	'474315235_/474315126_1'		1.4	3.33	3.33	0.944	1.2	3.33	0.92 No	0.92 Unintentional Islanding
SCL311	923	'3521261_/3521258_2'		3.4	10	10	2.824	3.8	10	2.82 No	2.82 Unintentional Islanding

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SCL311	924	'3521207_/_3521414'		3.3	10	10	2.824	6	10	2.82 No	2.82 Unintentional Islanding
SCL311	925	'8213358_/_9444588_1'		3.4	10	10	2.824	1.7	10	2.82 No	1.7 Element Fault
SCL311	926	'152801067_/_152199716'		1.93	3.33	3.33	0.944	1.3	3.33	0.93 No	0.93 Unintentional Islanding
SCL311	927	'423467025_/_152801069_1'		1.93	3.33	3.33	0.944	0.7	3.33	0.93 No	0.7 Element Fault
SCL311	928	'474315214_/_474315126_2'		1.4	3.33	3.33	0.944	1.2	3.33	0.92 No	0.92 Unintentional Islanding
SCL311	929	'3521208_/_3521205'		3.3	10	10	2.824	6	10	2.82 No	2.82 Unintentional Islanding
SCL311	930	'410881136_/_410881133'		1.9	3.33	3.33	0.944	1.3	3.33	0.93 No	0.93 Unintentional Islanding
SCL311	931	'348119855_/_3521326_1'		3.2	10	10	2.824	3.8	10	2.82 No	2.82 Unintentional Islanding
SCL311	932	'331674825_/_3521326_2'		3.2	10	10	2.824	3.8	10	2.82 No	2.82 Unintentional Islanding
SCL311	933	'226500593_/_331674827'		3.2	10	10	2.824	3.8	10	2.82 No	2.82 Unintentional Islanding
SCL311	934	'8213357_/_8213355'		3.4	10	10	2.824	1.7	10	2.82 No	1.7 Element Fault
SCL311	935	'9093113_/_9718726'		3.13	3.33	3.33	0.944	0.8	3.33	0.92 No	0.8 Element Fault
SCL311	936	'3521300_/_3521297'		3.4	10	10	2.824	3.8	10	2.82 No	2.82 Unintentional Islanding
SCL311	937	'152225430_/_152801069_2'		1.87	3.33	3.33	0.944	0.7	3.33	0.93 No	0.7 Element Fault
SCL311	938	'410881152_/_410881149'		1.87	3.33	3.33	0.944	1.3	3.33	0.93 No	0.93 Unintentional Islanding
SCL311	939	'43333860_/_43333862'		1.3	3.33	3.33	0.944	2	3.33	0.92 No	0.92 Unintentional Islanding
SCL311	940	'3521181_/_3521179_1'		1.3	3.33	3.33	0.944	0.5	3.33	0.92 No	0.5 Element Fault
SCL311	941	'3521100_/_3521313'		3.5	10	10	2.824	3.8	10	2.81 No	2.81 Unintentional Islanding
SCL311	942	'410881168_/_410881165'		1.8	3.33	3.33	0.944	1.3	3.33	0.93 No	0.93 Unintentional Islanding
SCL311	943	'152781190_/_152225432'		1.8	3.33	3.33	0.944	0.7	3.33	0.93 No	0.7 Element Fault
SCL311	944	'3521101_/_3521098'		3.5	10	10	2.824	3.8	10	2.81 No	2.81 Unintentional Islanding
SCL311	945	'3521182_/_3521179_2'		1.33	3.33	3.33	0.944	0.5	3.33	0.92 No	0.5 Element Fault
SCL311	946	'410881184_/_410881181'		1.77	3.33	3.33	0.944	1.3	3.33	0.93 No	0.93 Unintentional Islanding
SCL311	947	'3521114_/_3521111'		3.5	10	10	2.824	3.8	10	2.81 No	2.81 Unintentional Islanding
SCL311	948	'152781237_/_152781192'		1.73	3.33	3.33	0.944	0.7	3.33	0.93 No	0.7 Element Fault
SCL311	949	'410881200_/_410881197'		1.73	3.33	3.33	0.944	1.3	3.33	0.93 No	0.93 Unintentional Islanding
SCL311	950	'9093114_/_9093111'		2.57	3.33	3.33	0.944	0.8	3.33	0.92 No	0.8 Element Fault
SCL311	951	'56633769_/_3521124'		3.5	10	10	2.824	3.8	10	2.81 No	2.81 Unintentional Islanding
SCL311	952	'3521274_/_3521271'		1.33	3.33	3.33	0.944	0.5	3.33	0.92 No	0.5 Element Fault
SCL311	953	'152790110_/_152781239'		1.7	3.33	3.33	0.944	0.7	3.33	0.93 No	0.7 Element Fault
SCL311	954	'410881216_/_410881213'		1.7	3.33	3.33	0.944	1.3	3.33	0.93 No	0.93 Unintentional Islanding
SCL311	955	'7929483_/_9406368'		2.4	3.33	3.33	0.944	0.8	3.33	0.92 No	0.8 Element Fault
SCL311	956	'410881232_/_410881229'		1.67	3.33	3.33	0.944	1.3	3.33	0.93 No	0.93 Unintentional Islanding
SCL311	957	'3521074_/_3521284'		1.33	3.33	3.33	0.944	0.5	3.33	0.92 No	0.5 Element Fault
SCL311	958	'7929482_/_7929480'		2.27	3.33	3.33	0.944	0.8	3.33	0.92 No	0.8 Element Fault
SCL311	959	'410881334_/_410881331'		1.63	3.33	3.33	0.944	1.3	3.33	0.93 No	0.93 Unintentional Islanding
SCL311	960	'7929499_/_9186639'		2.27	3.33	3.33	0.944	0.8	3.33	0.92 No	0.8 Element Fault
SCL311	961	'410881350_/_410881347'		1.6	3.33	3.33	0.944	1.3	3.33	0.93 No	0.93 Unintentional Islanding
SCL311	962	'3521075_/_3521072'		1.33	3.33	3.33	0.944	0.5	3.33	0.92 No	0.5 Element Fault
SCL311	963	'7929498_/_7929496'		2.07	3.33	3.33	0.944	0.8	3.33	0.92 No	0.8 Element Fault
SCL311	964	'153306249_/_152790112'		1.53	3.33	3.33	0.944	0.7	3.33	0.93 No	0.7 Element Fault
SCL311	965	'410880510_/_152790167_1'		1.53	3.33	3.33	0.944	0.4	3.33	0.93 No	0.4 Element Fault
SCL311	966	'410881366_/_410881363'		1.53	3.33	3.33	0.944	1.3	3.33	0.93 No	0.93 Unintentional Islanding
SCL311	967	'3521552_/_3521549'		1.2	3.33	3.33	0.944	1.27	3.33	0.92 No	0.92 Unintentional Islanding
SCL311	968	'410880406_/_152790167_2'		1.53	3.33	3.33	0.944	0.4	3.33	0.93 No	0.4 Element Fault
SCL311	969	'3520925_/_3521085'		1.33	3.33	3.33	0.944	0.5	3.33	0.92 No	0.5 Element Fault
SCL311	970	'3521565_/_3521562'		1.2	3.33	3.33	0.944	1.27	3.33	0.92 No	0.92 Unintentional Islanding
SCL311	971	'410880497_/_152790199'		1.5	3.33	3.33	0.944	0.7	3.33	0.93 No	0.7 Element Fault
SCL311	972	'410881382_/_410881379'		1.5	3.33	3.33	0.944	1.3	3.33	0.93 No	0.93 Unintentional Islanding
SCL311	973	'7929611_/_8244768'		1.9	3.33	3.33	0.944	0.8	3.33	0.92 No	0.8 Element Fault
SCL311	974	'3520926_/_3520923'		1.33	3.33	3.33	0.944	0.5	3.33	0.92 No	0.5 Element Fault
SCL311	975	'410881398_/_410881395'		1.47	3.33	3.33	0.944	1.3	3.33	0.92 No	0.92 Unintentional Islanding
SCL311	976	'239271291_/_3521137'		1.2	3.33	3.33	0.944	1.27	3.33	0.92 No	0.92 Unintentional Islanding
SCL311	977	'410880329_/_152199637'		1.43	3.33	3.33	0.944	0.4	3.33	0.92 No	0.4 Element Fault
SCL311	978	'410881414_/_410881411'		1.43	3.33	3.33	0.944	1.3	3.33	0.92 No	0.92 Unintentional Islanding
SCL311	979	'423467048_/_3994987'		1.4	3.33	3.33	0.944	0.4	3.33	0.92 No	0.4 Element Fault
SCL311	980	'421819678_/_421819675'		1.37	3.33	3.33	0.944	1.3	3.33	0.92 No	0.92 Unintentional Islanding
SCL311	981	'421819694_/_421819691'		1.37	3.33	3.33	0.944	1.3	3.33	0.92 No	0.92 Unintentional Islanding
SCL311	982	'423467176_/_421819707_1'		1.37	3.33	3.33	0.944	0.7	3.33	0.92 No	0.7 Element Fault
SCL311	983	'421819710_/_421819707_2'		1.33	3.33	3.33	0.944	0.7	3.33	0.92 No	0.7 Element Fault
SCL311	984	'421820122_/_421820119'		1.33	3.33	3.33	0.944	1.3	3.33	0.92 No	0.92 Unintentional Islanding
SCL311	985	'421819726_/_421819723'		1.33	3.33	3.33	0.944	0.7	3.33	0.92 No	0.7 Element Fault
SCL311	986	'421819742_/_421819739'		1.33	3.33	3.33	0.944	0.7	3.33	0.92 No	0.7 Element Fault
SCL311	987	'84759302_/_84759313'		7.7	10	10	2.824	4.3	10	2.75 No	2.75 Unintentional Islanding
SCL311	988	'423467231_/_421820135_1'		1.3	3.33	3.33	0.944	0.7	3.33	0.92 No	0.7 Element Fault
SCL311	989	'405902383_/_421820135_2'		1.3	3.33	3.33	0.944	0.7	3.33	0.92 No	0.7 Element Fault
SCL311	990	'421819758_/_421819755'		1.3	3.33	3.33	0.944	0.7	3.33	0.92 No	0.7 Element Fault
SCL311	991	'421820020_/_421820018'		1.3	3.33	3.33	0.944	0.7	3.33	0.92 No	0.7 Element Fault
SCL311	992	'145363328_/_4044268_1'		1.1	3.33	3.33	0.944	0.4	3.33	0.92 No	0.4 Element Fault
SCL311	993	'4044271_/_4044268_2'		1.1	3.33	3.33	0.944	0.4	3.33	0.92 No	0.4 Element Fault
SCL311	994	'4044288_/_4044285'		1.1	3.33	3.33	0.944	0.4	3.33	0.92 No	0.4 Element Fault
SCL311	995	'7294449_/_8554014_2'		1.07	3.33	3.33	0.944	0.4	3.33	0.92 No	0.4 Element Fault
SCL311	996	'4044339_/_4044336'		1.1	3.33	3.33	0.944	0.4	3.33	0.92 No	0.4 Element Fault
SCL311	997	'49932940_/_4046848_2'		2.8	10	10	2.824	1.4	10	2.75 No	1.4 Element Fault
SCL311	998	'43425681_/_4044636'		1.1	3.33	3.33	0.944	0.4	3.33	0.92 No	0.4 Element Fault
SCL311	999	'4044529_/_4044526'		1.1	3.33	3.33	0.944	0.4	3.33	0.92 No	0.4 Element Fault
SCL311	1000	'4044516_/_4044543'		1.1	3.33	3.33	0.944	0.4	3.33	0.92 No	0.4 Element Fault
SCL311	1001	'4044490_/_4044487_2'		1.1	3.33	3.33	0.944	0.4	3.33	0.92 No	0.4 Element Fault
SCL311	1002	'4044473_/_43425481'		1.1	3.33	3.33	0.944	0.4	3.33	0.92 No	0.4 Element Fault
SCL311	1003	'4046851_/_4046848_1'		2.6	10	10	2.824	1.4	10	2.75 No	1.4 Element Fault
SCL311	1004	'4044422_/_4044487_1'		1.03	3.33	3.33	0.944	0.2	3.33	0.92 No	0.2 Element Fault
SCL311	1005	'54312085_/_54312082'		0.8	3.33	3.33	0.944	0.47	3.33	0.92 No	0.47 Element Fault
SCL311	1006	'8554016_/_8554014_1'		0.83	3.33	3.33	0.944	0.2	3.33	0.92 No	0.2 Element Fault
SCL311	1007	'4044474_/_4044471'		0.9	3.33	3.33	0.944	0.4	3.33	0.92 No	0.4 Element Fault
SCL311	1008	'4044406_/_4044419'		0.8	3.33	3.33	0.944	0.2	3.33	0.92 No	0.2 Element Fault
SCL311	1009	'8246628_/_9188261'		0.73	3.33	3.33	0.944	0.2	3.33	0.92 No	0.2 Element Fault
SCL311	1010	'8246629_/_8246626'		0.67	3.33	3.33	0.944	0.2	3.33	0.92 No	0.2 Element Fault
SCL311	1011	'4044405_/_4044403'		0.67	3.33	3.33	0.944	0.2	3.33	0.92 No	0.2 Element Fault
SCL311	1012	'393242822_/_393242623'		2.7	10	10	2.824	1.2	10	2.75 No	1.2 Element Fault
SCL311	1013	'8872473_/_393242709_2'		2.7	10	10	2.824	1.2	10	2.75 No	1.2 Element Fault
SCL311	1014	'8872577_/_8872591'		0.53	3.33	3.33	0.944	0.2	3.33	0.92 No	0.2 Element Fault
SCL311	1015	'227136723_/_227136725'		1	10	10	2.824	1.5	10	2.75 No	1 Primary Over-Voltage
SCL311	1016	'8246438_/_393242709_1'		2.3	10	10	2.824	1.2	10	2.75 No	1.2 Element Fault
SCL311	1017	'331674941_/_3521502_2'		1	10	10	2.824	1.5	10	2.75 No	1 Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SCL311	1018	'67505861_/393242690'	2.2	10	10	2.824	1.2	10	2.75 No	1.2	Element Fault
SCL311	1019	'67505937_/67505958'	2.1	10	10	2.824	1.2	10	2.75 No	1.2	Element Fault
SCL311	1020	'61697092_/4003368_2'	0.63	3.33	3.33	0.944	0.3	3.33	0.92 No	0.3	Element Fault
SCL311	1021	'67505900_/67505944'	2	10	10	2.824	1.2	10	2.75 No	1.2	Element Fault
SCL311	1022	'4003329_/4003368_1'	0.63	3.33	3.33	0.944	0.3	3.33	0.92 No	0.3	Element Fault
SCL311	1023	'9188157_/345611937'	1.33	6.67	6.67	1.88	0.8	6.67	1.83 No	0.8	Element Fault
SCL311	1024	'7609749_/345611889'	2	10	10	2.824	1.2	10	2.75 No	1.2	Element Fault
SCL311	1025	'8872578_/8872575'	0.47	3.33	3.33	0.944	0.2	3.33	0.92 No	0.2	Element Fault
SCL311	1026	'3993333_/3993330'	3.33	3.33	3.33	0.944	0.3	3.33	0.92 No	0.3	Element Fault
SCL311	1027	'4003316_/4003326'	0.6	3.33	3.33	0.944	0.3	3.33	0.92 No	0.3	Element Fault
SCL311	1028	'227136783_/3521502_1'	0.8	10	10	2.824	1.1	10	2.75 No	0.8	Primary Over-Voltage
SCL311	1029	'7608525_/8870997_2'	0.57	3.33	3.33	0.944	0.3	3.33	0.92 No	0.3	Element Fault
SCL311	1030	'129496610_/9501000'	3.33	3.33	3.33	0.944	0.3	3.33	0.92 No	0.3	Element Fault
SCL311	1031	'143969290_/129496707_2'	3.33	3.33	3.33	0.944	0.3	3.33	0.92 No	0.3	Element Fault
SCL311	1032	'129496640_/8244520_2'	3.33	3.33	3.33	0.944	0.3	3.33	0.92 No	0.3	Element Fault
SCL311	1033	'8245026_/8870997_1'	0.57	3.33	3.33	0.944	0.2	3.33	0.92 No	0.2	Element Fault
SCL311	1034	'4003315_/4003313'	0.6	3.33	3.33	0.944	0.3	3.33	0.92 No	0.3	Element Fault
SCL311	1035	'7292870_/8556558_2'	0.6	3.33	3.33	0.944	0.3	3.33	0.92 No	0.3	Element Fault
SCL311	1036	'7929802_/7929800_1'	0.6	3.33	3.33	0.944	0.2	3.33	0.92 No	0.2	Element Fault
SCL311	1037	'50768502_/3993343'	3.33	3.33	3.33	0.944	0.3	3.33	0.92 No	0.3	Element Fault
SCL311	1038	'129496668_/129496707_1'	3.33	3.33	3.33	0.944	0.2	3.33	0.92 No	0.2	Element Fault
SCL311	1039	'9503633_/9503630'	0.43	3.33	3.33	0.944	0.2	3.33	0.92 No	0.2	Element Fault
SCL311	1040	'3992901_/3992899_2'	3.33	3.33	3.33	0.944	0.3	3.33	0.92 No	0.3	Element Fault
SCL311	1041	'7294377_/345611970'	1.8	10	10	2.824	1.2	10	2.75 No	1.2	Element Fault
SCL311	1042	'7292853_/8245024'	0.5	3.33	3.33	0.944	0.2	3.33	0.92 No	0.2	Element Fault
SCL311	1043	'7929803_/7929800_2'	0.57	3.33	3.33	0.944	0.2	3.33	0.92 No	0.2	Element Fault
SCL311	1044	'3992902_/3992899_1'	1.03	3.33	3.33	0.944	0.2	3.33	0.92 No	0.2	Element Fault
SCL311	1045	'7929786_/8556558_1'	0.57	3.33	3.33	0.944	0.2	3.33	0.92 No	0.2	Element Fault
SCL311	1046	'7294378_/7294375'	1.7	10	10	2.824	1.2	10	2.75 No	1.2	Element Fault
SCL311	1047	'3521059_/227136785'	0.8	10	10	2.824	1.1	10	2.75 No	0.8	Primary Over-Voltage
SCL311	1048	'8244539_/129496675'	3.33	3.33	3.33	0.944	0.2	3.33	0.92 No	0.2	Element Fault
SCL311	1049	'8244522_/8244520_1'	3.33	3.33	3.33	0.944	0.2	3.33	0.92 No	0.2	Element Fault
SCL311	1050	'43422047_/3992912'	0.9	3.33	3.33	0.944	0.2	3.33	0.92 No	0.2	Element Fault
SCL311	1051	'7609765_/7609763'	1.6	10	10	2.824	1.2	10	2.75 No	1.2	Element Fault
SCL311	1052	'7292885_/7929784'	0.5	3.33	3.33	0.944	0.2	3.33	0.92 No	0.2	Element Fault
SCL311	1053	'7292854_/7292851'	0.47	3.33	3.33	0.944	0.2	3.33	0.92 No	0.2	Element Fault
SCL311	1054	'53946187_/120126870'	1.6	10	10	2.824	1.2	10	2.75 No	1.2	Element Fault
SCL311	1055	'432767784_/7292883'	0.5	3.33	3.33	0.944	0.2	3.33	0.92 No	0.2	Element Fault
SCL311	1056	'67505841_/7609747'	0.7	3.33	3.33	0.944	0.4	3.33	0.92 No	0.4	Element Fault
SCL311	1057	'530299947_/530299969'	1.13	3.33	3.33	0.944	0.2	3.33	0.92 No	0.2	Element Fault
SCL311	1058	'3992928_/43422049'	0.8	3.33	3.33	0.944	0.2	3.33	0.92 No	0.2	Element Fault
SCL311	1059	'7292838_/432767804'	0.47	3.33	3.33	0.944	0.2	3.33	0.92 No	0.2	Element Fault
SCL311	1060	'222226988_/3521057'	0.7	10	10	2.824	1.1	10	2.75 No	0.7	Primary Over-Voltage
SCL311	1061	'7485332_/8556230'	0.93	3.33	3.33	0.944	0.2	3.33	0.92 No	0.2	Element Fault
SCL311	1062	'53946223_/53946230'	1.4	10	10	2.824	1.2	10	2.75 No	1.2	Element Fault
SCL311	1063	'3992941_/3992938'	0.77	3.33	3.33	0.944	0.2	3.33	0.92 No	0.2	Element Fault
SCL311	1064	'8870663_/8870661'	0.93	3.33	3.33	0.944	0.2	3.32	0.92 No	0.2	Element Fault
SCL311	1065	'43422058_/3992951'	0.7	3.33	3.33	0.944	0.2	3.31	0.92 No	0.2	Element Fault
SCL311	1066	'7292837_/7292835'	0.43	3.33	3.33	0.944	0.2	3.33	0.92 No	0.2	Element Fault
SCL311	1067	'53946256_/53946263'	1.4	10	10	2.824	1.2	10	2.75 No	1.2	Element Fault
SCL311	1068	'53946286_/53946288'	1.3	10	10	2.824	1.2	10	2.75 No	1.2	Element Fault
SCL311	1069	'227136887_/3520939'	0.6	10	10	2.824	1.1	10	2.75 No	0.6	Primary Over-Voltage
SCL311	1070	'7485333_/7485330'	0.77	3.33	3.33	0.944	0.2	3.21	0.92 No	0.2	Element Fault
SCL311	1071	'7608174_/9500968'	0.77	3.33	3.33	0.944	0.2	3.18	0.92 No	0.2	Element Fault
SCL311	1072	'3992967_/43422060'	0.67	3.33	3.33	0.944	0.2	3.23	0.92 No	0.2	Element Fault
SCL311	1073	'40975689_/9379272'	0.7	3.33	3.33	0.944	0.2	3.12	0.92 No	0.2	Element Fault
SCL311	1074	'8768436_/9086599'	1.3	10	10	2.824	1.2	9.67	2.75 No	1.2	Element Fault
SCL311	1075	'239626025_/3521028_1'	0.2	3.33	3.33	0.944	0.2	3.23	0.92 No	0.2	Primary Over-Voltage
SCL311	1076	'323655355_/323655403'	0.6	10	10	2.824	1.1	9.91	2.75 No	0.6	Primary Over-Voltage
SCL311	1077	'9062653_/44104674'	0.67	3.33	3.33	0.944	0.2	3.08	0.92 No	0.2	Element Fault
SCL311	1078	'4044094_/4044092_1'	0.7	3.33	3.33	0.944	0.2	3.01	0.92 No	0.2	Element Fault
SCL311	1079	'3992980_/3992977'	0.6	3.33	3.33	0.944	0.2	3.12	0.92 No	0.2	Element Fault
SCL311	1080	'4003443_/50909837_1'	0.47	3.33	3.33	0.944	0.2	3	0.92 No	0.2	Element Fault
SCL311	1081	'8768437_/8768434'	1.2	10	10	2.824	1.2	9.54	2.75 No	1.2	Primary Over-Voltage
SCL311	1082	'4003683_/50909837_2'	0.47	3.33	3.33	0.944	0.2	2.99	0.92 No	0.2	Element Fault
SCL311	1083	'69868485_/50909837_3'	0.43	3.33	3.33	0.944	0.2	2.98	0.92 No	0.2	Element Fault
SCL311	1084	'4044082_/4044092_2'	0.67	3.33	3.33	0.944	0.2	2.98	0.92 No	0.2	Element Fault
SCL311	1085	'8872561_/9503662_2'	0.67	3.33	3.33	0.944	0.2	2.98	0.92 No	0.2	Element Fault
SCL311	1086	'50909668_/9062651_1'	0.63	3.33	3.33	0.944	0.1	3.03	0.92 No	0.1	Element Fault
SCL311	1087	'3521031_/3521028_2'	0.2	3.33	3.33	0.944	0.2	3.14	0.92 No	0.2	Primary Over-Voltage
SCL311	1088	'44288721_/9503662_1'	0.63	3.33	3.33	0.944	0.1	2.96	0.92 No	0.1	Element Fault
SCL311	1089	'4003722_/4003719'	0.47	3.33	3.33	0.944	0.2	2.95	0.92 No	0.2	Element Fault
SCL311	1090	'3993061_/3993058'	0.57	3.33	3.33	0.944	0.2	3.07	0.92 No	0.2	Element Fault
SCL311	1091	'399181077_/403095664'	0.63	3.33	3.33	0.944	0.2	3.02	0.92 No	0.2	Element Fault
SCL311	1092	'4003240_/4003735'	0.47	3.33	3.33	0.944	0.2	2.94	0.92 No	0.2	Element Fault
SCL311	1093	'4044042_/4044105'	0.63	3.33	3.33	0.944	0.2	2.94	0.92 No	0.2	Element Fault
SCL311	1094	'43425558_/43425560'	0.6	3.33	3.33	0.944	0.2	2.91	0.92 No	0.2	Element Fault
SCL311	1095	'399181135_/7608171'	0.6	3.33	3.33	0.944	0.2	2.97	0.92 No	0.2	Element Fault
SCL311	1096	'4002885_/4003238'	0.43	3.33	3.33	0.944	0.2	2.9	0.92 No	0.2	Element Fault
SCL311	1097	'43422091_/3993071'	0.53	3.33	3.33	0.944	0.2	3.01	0.92 No	0.2	Element Fault
SCL311	1098	'3993197_/3993194'	0.53	3.33	3.33	0.944	0.2	3	0.92 No	0.2	Element Fault
SCL311	1099	'222358265_/3521000'	0.5	9.1	10	2.824	1.1	9.44	2.75 No	0.5	Primary Over-Voltage
SCL311	1100	'43425547_/4044040'	0.57	3.33	3.33	0.944	0.2	2.88	0.92 No	0.2	Element Fault
SCL311	1101	'554918647_/515141762_2_1'	0.7	3.33	3.33	0.944	0.2	2.85	0.92 No	0.2	Element Fault
SCL311	1102	'515141727_/515141762_2_1'	0.7	3.33	3.33	0.944	0.2	2.85	0.92 No	0.2	Element Fault
SCL311	1103	'554917980_/515141731_2_1'	0.67	3.33	3.33	0.944	0.2	2.84	0.92 No	0.2	Element Fault
SCL311	1104	'43422252_/4002883'	0.4	3.33	3.33	0.944	0.2	2.84	0.92 No	0.2	Element Fault
SCL311	1105	'3993087_/43422093'	0.53	3.33	3.33	0.944	0.2	2.95	0.92 No	0.2	Element Fault
SCL311	1106	'239626032_/3521041'	0.2	3.33	3.33	0.944	0.2	3	0.92 No	0.2	Primary Over-Voltage
SCL311	1107	'4003287_/4044066'	0.53	3.33	3.33	0.944	0.2	2.83	0.92 No	0.2	Element Fault
SCL311	1108	'3520776_/3520969'	0.5	8.7	10	2.824	1.1	9.27	2.75 No	0.5	Primary Over-Voltage
SCL311	1109	'7608509_/9186835'	0.53	3.33	3.33	0.944	0.2	2.83	0.92 No	0.2	Element Fault
SCL311	1110	'4003469_/43425549'	0.53	3.33	3.33	0.944	0.2	2.83	0.92 No	0.2	Element Fault
SCL311	1111	'3993210_/3993207'	0.5	3.33	3.33	0.944	0.2	2.92	0.92 No	0.2	Element Fault

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SCL311	1112	'43369378_/_515141731_1'		0.63	3.33	3.33	0.944	0.2	2.79	0.92 No	0.2 Element Fault
SCL311	1113	'3993222_/_3993272'		0.5	3.33	3.33	0.944	0.2	2.91	0.92 No	0.2 Element Fault
SCL311	1114	'7608510_/_7608507'		0.53	3.33	3.33	0.944	0.2	2.81	0.92 No	0.2 Element Fault
SCL311	1115	'4003270_/_4003284'		0.53	3.33	3.33	0.944	0.2	2.81	0.92 No	0.2 Element Fault
SCL311	1116	'66150157_/_3721496'		0.63	3.33	3.33	0.944	0.2	2.77	0.92 No	0.2 Element Fault
SCL311	1117	'66149876_/_66149930'		0.63	3.33	3.33	0.944	0.2	2.76	0.92 No	0.2 Element Fault
SCL311	1118	'3520777_/_320611136_1'		0.5	8.4	10	2.824	1.1	9.11	2.75 No	0.5 Primary Over-Voltage
SCL311	1119	'320611089_/_320611087_1'		0.5	8.4	10	2.824	1.1	9.11	2.75 No	0.5 Primary Over-Voltage
SCL311	1120	'320611139_/_320611136_2'		0.5	8.4	10	2.824	1.1	9.11	2.75 No	0.5 Primary Over-Voltage
SCL311	1121	'4003299_/_4003297'		0.5	3.33	3.33	0.944	0.2	2.79	0.92 No	0.2 Element Fault
SCL311	1122	'110215154_/_110215156'		0.63	3.33	3.33	0.944	0.2	2.74	0.92 No	0.2 Element Fault
SCL311	1123	'4002898_/_43422254'		0.37	3.33	3.33	0.944	0.2	2.77	0.92 No	0.2 Element Fault
SCL311	1124	'3993100_/_3993097'		0.5	3.33	3.33	0.944	0.2	2.87	0.92 No	0.2 Element Fault
SCL311	1125	'479724960_/_66149834'		0.63	3.33	3.33	0.944	0.2	2.72	0.92 No	0.2 Element Fault
SCL311	1126	'4003271_/_4003268'		0.5	3.33	3.33	0.944	0.2	2.76	0.92 No	0.2 Element Fault
SCL311	1127	'3721434_/_3721483'		0.63	3.33	3.33	0.944	0.2	2.72	0.92 No	0.2 Element Fault
SCL311	1128	'43422135_/_3993246'		0.5	3.33	3.33	0.944	0.2	2.85	0.92 No	0.2 Element Fault
SCL311	1129	'3721130_/_479724978'		0.63	3.33	3.33	0.944	0.2	2.71	0.92 No	0.2 Element Fault
SCL311	1130	'4003470_/_4003467'		0.5	3.33	3.33	0.944	0.2	2.75	0.92 No	0.2 Element Fault
SCL311	1131	'43369489_/_3721431'		0.63	3.33	3.33	0.944	0.2	2.69	0.92 No	0.2 Element Fault
SCL311	1132	'3721142_/_3721127'		0.63	3.33	3.33	0.944	0.2	2.69	0.92 No	0.2 Element Fault
SCL311	1133	'4003457_/_4003454'		0.5	3.33	3.33	0.944	0.2	2.73	0.92 No	0.2 Element Fault
SCL311	1134	'43369344_/_3721140'		0.63	3.33	3.33	0.944	0.2	2.68	0.92 No	0.2 Element Fault
SCL311	1135	'4003512_/_43425631'		0.47	3.33	3.33	0.944	0.2	2.73	0.92 No	0.2 Element Fault
SCL311	1136	'148816122_/_148816124'		0.63	3.33	3.33	0.944	0.2	2.68	0.92 No	0.2 Element Fault
SCL311	1137	'421099896_/_421099898'		0.63	3.33	3.33	0.944	0.2	2.66	0.92 No	0.2 Element Fault
SCL311	1138	'3520807_/_320611087_2'		0.5	7.9	10	2.824	1.1	8.86	2.75 No	0.5 Primary Over-Voltage
SCL311	1139	'3993223_/_3993220'		0.47	3.33	3.33	0.944	0.2	2.81	0.92 No	0.2 Element Fault
SCL311	1140	'239625943_/_3520984'		0.17	3.33	3.33	0.944	0.37	2.86	0.92 No	0.17 Primary Over-Voltage
SCL311	1141	'3993113_/_3993110'		0.47	3.33	3.33	0.944	0.2	2.81	0.92 No	0.2 Element Fault
SCL311	1142	'4002899_/_4002896'		0.37	3.33	3.33	0.944	0.2	2.71	0.92 No	0.2 Element Fault
SCL311	1143	'43369333_/_43369346'		0.63	3.33	3.33	0.944	0.2	2.65	0.92 No	0.2 Element Fault
SCL311	1144	'4003483_/_4003480'		0.47	3.33	3.33	0.944	0.2	2.71	0.92 No	0.2 Element Fault
SCL311	1145	'43422140_/_43422137'		0.47	3.33	3.33	0.944	0.2	2.8	0.92 No	0.2 Element Fault
SCL311	1146	'421100212_/_421100214'		0.63	3.33	3.33	0.944	0.2	2.63	0.92 No	0.2 Element Fault
SCL311	1147	'110215135_/_43369335'		0.63	3.33	3.33	0.944	0.2	2.62	0.92 No	0.2 Element Fault
SCL311	1148	'421100248_/_421100250'		0.63	3.33	3.33	0.944	0.2	2.62	0.92 No	0.2 Element Fault
SCL311	1149	'4002912_/_4002909'		0.33	3.33	3.33	0.944	0.2	2.69	0.92 No	0.2 Element Fault
SCL311	1150	'320610766_/_320610763'		0.5	7.7	10	2.824	1.1	8.72	2.75 No	0.5 Primary Over-Voltage
SCL311	1151	'4003496_/_4003493'		0.47	3.33	3.33	0.944	0.2	2.68	0.92 No	0.2 Element Fault
SCL311	1152	'3721421_/_3721457'		0.63	3.33	3.33	0.944	0.2	2.6	0.92 No	0.2 Element Fault
SCL311	1153	'43422146_/_3993233'		0.47	3.33	3.33	0.944	0.2	2.76	0.92 No	0.2 Element Fault
SCL311	1154	'421100112_/_421100114'		0.63	3.33	3.33	0.944	0.2	2.58	0.92 No	0.2 Element Fault
SCL311	1155	'4003228_/_4003225'		0.33	3.33	3.33	0.944	0.2	2.65	0.92 No	0.2 Element Fault
SCL311	1156	'43369322_/_3721648'		0.63	3.33	3.33	0.944	0.2	2.56	0.92 No	0.2 Element Fault
SCL311	1157	'43422102_/_3993126'		0.43	3.33	3.33	0.944	0.2	2.73	0.92 No	0.2 Element Fault
SCL311	1158	'3721408_/_3721405'		0.63	3.33	3.33	0.944	0.2	2.55	0.92 No	0.2 Element Fault
SCL311	1159	'43425640_/_4003522'		0.43	3.33	3.33	0.944	0.2	2.63	0.92 No	0.2 Element Fault
SCL311	1160	'3721473_/_3721470'		0.53	3.33	3.33	0.944	0.2	2.57	0.92 No	0.2 Element Fault
SCL311	1161	'427793139_/_3721418'		0.63	3.33	3.33	0.944	0.2	2.53	0.92 No	0.2 Element Fault
SCL311	1162	'320610835_/_320610832'		0.5	7.3	10	2.824	1.1	8.52	2.75 No	0.5 Primary Over-Voltage
SCL311	1163	'427793143_/_417726657'		0.63	3.33	3.33	0.944	0.2	2.51	0.92 No	0.2 Element Fault
SCL311	1164	'3520843_/_3520840'		0.17	3	3.33	0.944	0.37	2.74	0.92 No	0.17 Primary Over-Voltage
SCL311	1165	'427793092_/_3706599'		0.63	3.33	3.33	0.944	0.2	2.51	0.92 No	0.2 Element Fault
SCL311	1166	'427793147_/_3721444'		0.63	3.33	3.33	0.944	0.2	2.5	0.92 No	0.2 Element Fault
SCL311	1167	'3993288_/_43422148'		0.43	3.33	3.33	0.944	0.2	2.68	0.92 No	0.2 Element Fault
SCL311	1168	'4003577_/_4003574'		0.3	3.33	3.33	0.944	0.2	2.6	0.92 No	0.2 Element Fault
SCL311	1169	'7139873_/_43425642_1'		0.4	3.33	3.33	0.944	0.2	2.59	0.92 No	0.2 Element Fault
SCL311	1170	'38368627_/_43425642_2'		0.4	3.33	3.33	0.944	0.2	2.59	0.92 No	0.2 Element Fault
SCL311	1171	'4003616_/_43425642_3'		0.4	3.33	3.33	0.944	0.2	2.58	0.92 No	0.2 Element Fault
SCL311	1172	'8871015_/_8871029'		0.4	3.33	3.33	0.944	0.2	2.57	0.92 No	0.2 Element Fault
SCL311	1173	'4003590_/_4003587'		0.3	3.33	3.33	0.944	0.2	2.57	0.92 No	0.2 Element Fault
SCL311	1174	'3520420_/_320610904'		0.5	7	10	2.824	1.1	8.32	2.75 No	0.5 Primary Over-Voltage
SCL311	1175	'3993142_/_43422104'		0.43	3.33	3.33	0.944	0.2	2.64	0.92 No	0.2 Element Fault
SCL311	1176	'427793104_/_3706615'		0.6	3.33	3.33	0.944	0.2	2.46	0.92 No	0.2 Element Fault
SCL311	1177	'427793477_/_3721674'		0.57	3.33	3.33	0.944	0.2	2.46	0.92 No	0.2 Element Fault
SCL311	1178	'44058172_/_7139871'		0.4	3.33	3.33	0.944	0.2	2.55	0.92 No	0.2 Element Fault
SCL311	1179	'427793724_/_43369458'		0.57	3.33	3.33	0.944	0.2	2.45	0.92 No	0.2 Element Fault
SCL311	1180	'4003563_/_4003600'		0.3	3.33	3.33	0.944	0.2	2.53	0.92 No	0.2 Element Fault
SCL311	1181	'7139874_/_44058174'		0.4	3.33	3.33	0.944	0.2	2.51	0.92 No	0.2 Element Fault
SCL311	1182	'7485300_/_7485298_1'		0.4	3.33	3.33	0.944	0.1	2.51	0.92 No	0.1 Element Fault
SCL311	1183	'8871016_/_8871013'		0.4	3.33	3.33	0.944	0.2	2.51	0.92 No	0.2 Element Fault
SCL311	1184	'427793547_/_3721085'		0.5	3.33	3.33	0.944	0.2	2.4	0.92 No	0.2 Element Fault
SCL311	1185	'7485301_/_7485298_2'		0.37	3.33	3.33	0.944	0.1	2.49	0.92 No	0.1 Element Fault
SCL311	1186	'43422113_/_3993152'		0.4	3.33	3.33	0.944	0.2	2.56	0.92 No	0.2 Element Fault
SCL311	1187	'43425595_/_4003561'		0.27	3.33	3.33	0.944	0.2	2.47	0.92 No	0.2 Element Fault
SCL311	1188	'43422124_/_3993165'		0.37	3.33	3.33	0.944	0.2	2.51	0.92 No	0.2 Element Fault
SCL311	1189	'3520435_/_3520432'		0.4	6.3	10	2.824	1.1	7.87	2.75 No	0.4 Primary Over-Voltage
SCL311	1190	'427792911_/_3721072'		0.47	3.33	3.33	0.944	0.2	2.35	0.92 No	0.2 Element Fault
SCL311	1191	'4003538_/_4003535'		0.27	3.33	3.33	0.944	0.2	2.43	0.92 No	0.2 Element Fault
SCL311	1192	'3993184_/_43422126'		0.37	3.33	3.33	0.944	0.2	2.47	0.92 No	0.2 Element Fault
SCL311	1193	'4003551_/_4003548'		0.27	3.33	3.33	0.944	0.2	2.39	0.92 No	0.2 Element Fault
SCL311	1194	'3520479_/_3520477_1'		0.13	2.27	3.33	0.944	0.2	2.46	0.92 No	0.13 Primary Over-Voltage
SCL311	1195	'3520407_/_3520404_2'		0.13	2.27	3.33	0.944	0.37	2.45	0.92 No	0.13 Primary Over-Voltage
SCL311	1196	'427792940_/_427792810'		0.43	3.33	3.33	0.944	0.2	2.27	0.92 No	0.2 Element Fault
SCL311	1197	'3520480_/_3520477_2'		0.13	2.3	3.33	0.944	0.2	2.41	0.92 No	0.13 Primary Over-Voltage
SCL311	1198	'3520450_/_3520447'		0.4	5.7	10	2.824	1.1	7.43	2.75 No	0.4 Primary Over-Voltage
SCL311	1199	'3721061_/_3721059'		0.4	3.33	3.33	0.944	0.2	2.23	0.92 No	0.2 Element Fault
SCL311	1200	'3520394_/_3520404_1'		0.13	2.3	3.33	0.944	0.2	2.4	0.92 No	0.13 Primary Over-Voltage
SCL311	1201	'7589588_/_7589585_2'		0.4	3.33	3.33	0.944	0.2	2.23	0.92 No	0.2 Element Fault
SCL311	1202	'3518216_/_331675605'		0.4	5.5	10	2.824	1.1	7.27	2.75 No	0.4 Primary Over-Voltage
SCL311	1203	'3520378_/_3520391'		0.13	2.27	3.33	0.944	0.2	2.34	0.92 No	0.13 Primary Over-Voltage
SCL311	1204	'43369229_/_43369231'		0.37	3.33	3.33	0.944	0.2	2.17	0.92 No	0.2 Element Fault
SCL311	1205	'3520365_/_3520375'		0.13	2.17	3.33	0.944	0.2	2.3	0.92 No	0.13 Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SCL311	1206	'7589587_/_7589585_1'	0.37	3.33	3.33	0.944	0.1	2.14	0.92 No	0.1	Element Fault
SCL311	1207	'3520339_/_3520362'	0.13	2.1	3.33	0.944	0.2	2.26	0.92 No	0.13	Primary Over-Voltage
SCL311	1208	'3502866_/_3518214'	0.27	3.4	6.67	1.88	0.73	4.62	1.83 No	0.27	Primary Over-Voltage
SCL311	1209	'7170851_/_4002750_2'	0.33	3.33	3.33	0.944	0.1	2.04	0.92 No	0.1	Element Fault
SCL311	1210	'50769213_/_4002750_1'	0.33	3.33	3.33	0.944	0.1	2.03	0.92 No	0.1	Element Fault
SCL311	1211	'4002739_/_50769210_1'	0.33	3.33	3.33	0.944	0.1	2.03	0.92 No	0.1	Element Fault
SCL311	1212	'50769192_/_50769210_2'	0.33	3.33	3.33	0.944	0.1	2.02	0.92 No	0.1	Element Fault
SCL311	1213	'43327618_/_3520323'	0.13	2.03	3.33	0.944	0.2	2.22	0.92 No	0.13	Primary Over-Voltage
SCL311	1214	'4002766_/_4002776_1'	0.33	3.33	3.33	0.944	0.1	2.02	0.92 No	0.1	Element Fault
SCL311	1215	'4047437_/_4047434'	0.33	3.33	3.33	0.944	0.1	2.01	0.92 No	0.1	Element Fault
SCL311	1216	'4002723_/_4002776_2'	0.33	3.33	3.33	0.944	0.1	2.01	0.92 No	0.1	Element Fault
SCL311	1217	'4047450_/_4047447'	0.33	3.33	3.33	0.944	0.1	2	0.92 No	0.1	Element Fault
SCL311	1218	'3722932_/_3722956'	0.33	3.33	3.33	0.944	0.2	2.07	0.92 No	0.2	Element Fault
SCL311	1219	'50330092_/_4047510'	0.33	3.33	3.33	0.944	0.1	1.99	0.92 No	0.1	Element Fault
SCL311	1220	'4047513_/_50330089'	0.33	3.33	3.33	0.944	0.1	1.99	0.92 No	0.1	Element Fault
SCL311	1221	'3520351_/_3520349'	0.13	1.97	3.33	0.944	0.2	2.18	0.92 No	0.13	Primary Over-Voltage
SCL311	1222	'4044375_/_4047540'	0.33	3.33	3.33	0.944	0.1	1.97	0.92 No	0.1	Element Fault
SCL311	1223	'437571836_/_4044373'	0.33	3.33	3.33	0.944	0.1	1.97	0.92 No	0.1	Element Fault
SCL311	1224	'7193638_/_50958541_2'	0.33	3.33	3.33	0.944	0.2	2.04	0.92 No	0.2	Element Fault
SCL311	1225	'50958544_/_50958541_1'	0.33	3.33	3.33	0.944	0.2	2.03	0.92 No	0.2	Element Fault
SCL311	1226	'43422311_/_4002721'	0.3	3.33	3.33	0.944	0.1	1.97	0.92 No	0.1	Element Fault
SCL311	1227	'43328075_/_3502864'	0.27	3.2	6.67	1.88	0.73	4.45	1.83 No	0.27	Primary Over-Voltage
SCL311	1228	'4043839_/_4043836'	0.33	3.33	3.33	0.944	0.1	1.95	0.92 No	0.1	Element Fault
SCL311	1229	'4043867_/_4043865_1'	0.33	3.33	3.33	0.944	0.1	1.95	0.92 No	0.1	Element Fault
SCL311	1230	'53136370_/_7193636'	0.3	3.33	3.33	0.944	0.2	2.02	0.92 No	0.2	Element Fault
SCL311	1231	'4043897_/_4043894'	0.33	3.33	3.33	0.944	0.1	1.95	0.92 No	0.1	Element Fault
SCL311	1232	'4043805_/_4043865_2'	0.33	3.33	3.33	0.944	0.1	1.94	0.92 No	0.1	Element Fault
SCL311	1233	'43422263_/_4043803'	0.33	3.33	3.33	0.944	0.1	1.94	0.92 No	0.1	Element Fault
SCL311	1234	'4043913_/_4043910'	0.33	3.33	3.33	0.944	0.1	1.94	0.92 No	0.1	Element Fault
SCL311	1235	'4043855_/_4043936_2'	0.33	3.33	3.33	0.944	0.1	1.93	0.92 No	0.1	Element Fault
SCL311	1236	'43425199_/_4043936_1'	0.33	3.33	3.33	0.944	0.1	1.93	0.92 No	0.1	Element Fault
SCL311	1237	'4043884_/_43422265'	0.3	3.33	3.33	0.944	0.1	1.92	0.92 No	0.1	Element Fault
SCL311	1238	'3520518_/_3520542'	0.13	1.87	3.33	0.944	0.2	2.11	0.92 No	0.13	Primary Over-Voltage
SCL311	1239	'4002724_/_43422313'	0.3	3.33	3.33	0.944	0.1	1.94	0.92 No	0.1	Element Fault
SCL311	1240	'3722945_/_43369253'	0.3	3.33	3.33	0.944	0.2	1.98	0.92 No	0.2	Element Fault
SCL311	1241	'4043854_/_4043852'	0.3	3.33	3.33	0.944	0.1	1.9	0.92 No	0.1	Element Fault
SCL311	1242	'53136167_/_44077959'	0.3	3.33	3.33	0.944	0.2	1.97	0.92 No	0.2	Element Fault
SCL311	1243	'55474239_/_3722930'	0.3	3.33	3.33	0.944	0.2	1.97	0.92 No	0.2	Element Fault
SCL311	1244	'53136197_/_53136199'	0.3	3.33	3.33	0.944	0.2	1.94	0.92 No	0.2	Element Fault
SCL311	1245	'3520519_/_3520516'	0.13	1.8	3.33	0.944	0.2	2.06	0.92 No	0.13	Primary Over-Voltage
SCL311	1246	'44077989_/_44077975'	0.27	3.33	3.33	0.944	0.2	1.92	0.92 No	0.2	Element Fault
SCL311	1247	'3502801_/_3518229'	0.27	2.93	6.67	1.88	0.73	4.18	1.83 No	0.27	Primary Over-Voltage
SCL311	1248	'155886418_/_3520529'	0.13	1.73	3.33	0.944	0.2	2.01	0.92 No	0.13	Primary Over-Voltage
SCL311	1249	'426337301_/_423467279_3'	0.27	3.33	3.33	0.944	0.1	1.82	0.92 No	0.1	Element Fault
SCL311	1250	'3502884_/_3518244'	0.27	2.8	6.67	1.88	0.73	4.07	1.83 No	0.27	Primary Over-Voltage
SCL311	1251	'3502694_/_3502692_1'	0.13	1.53	3.33	0.944	0.2	1.97	0.92 No	0.13	Primary Over-Voltage
SCL311	1252	'426337294_/_423467279_2'	0.27	3.33	3.33	0.944	0.1	1.79	0.92 No	0.1	Element Fault
SCL311	1253	'405902442_/_423467279_1'	0.27	3.33	3.33	0.944	0.1	1.79	0.92 No	0.1	Element Fault
SCL311	1254	'3502695_/_3502692_2'	0.13	1.53	3.33	0.944	0.2	1.94	0.92 No	0.13	Primary Over-Voltage
SCL311	1255	'61697526_/_7167533_2'	0.13	1.47	3.33	0.944	0.37	1.92	0.92 No	0.13	Primary Over-Voltage
SCL311	1256	'3502707_/_3502812'	0.13	1.53	3.33	0.944	0.2	1.9	0.92 No	0.13	Primary Over-Voltage
SCL311	1257	'435053665_/_432767418_1'	0.13	1.53	3.33	0.944	0.1	1.9	0.92 No	0.1	Element Fault
SCL311	1258	'432767421_/_432767418_2'	0.13	1.5	3.33	0.944	0.1	1.89	0.92 No	0.1	Element Fault
SCL311	1259	'43369140_/_405902444'	0.23	3.33	3.33	0.944	0.1	1.74	0.92 No	0.1	Element Fault
SCL311	1260	'3502885_/_7167533_1'	0.13	1.47	3.33	0.944	0.2	1.89	0.92 No	0.13	Primary Over-Voltage
SCL311	1261	'3502899_/_3502896'	0.27	2.6	6.67	1.88	0.73	3.85	1.83 No	0.27	Primary Over-Voltage
SCL311	1262	'3502708_/_3502705'	0.13	1.5	3.33	0.944	0.2	1.87	0.92 No	0.13	Primary Over-Voltage
SCL311	1263	'3502928_/_3503002'	0.27	2.6	6.67	1.88	0.73	3.83	1.83 No	0.27	Primary Over-Voltage
SCL311	1264	'405902323_/_43369142'	0.23	3.33	3.33	0.944	0.1	1.71	0.92 No	0.1	Element Fault
SCL311	1265	'3502721_/_3502718'	0.13	1.47	3.33	0.944	0.2	1.84	0.92 No	0.13	Primary Over-Voltage
SCL311	1266	'43327629_/_3518172'	0.13	1.43	3.33	0.944	0.2	1.84	0.92 No	0.13	Primary Over-Voltage
SCL311	1267	'3518187_/_43327631'	0.13	1.43	3.33	0.944	0.2	1.83	0.92 No	0.13	Primary Over-Voltage
SCL311	1268	'3720785_/_405902325'	0.23	3.33	3.33	0.944	0.1	1.68	0.92 No	0.1	Element Fault
SCL311	1269	'3502734_/_3502731'	0.13	1.43	3.33	0.944	0.2	1.81	0.92 No	0.13	Primary Over-Voltage
SCL311	1270	'432599082_/_432599041'	0.13	1.43	3.33	0.944	0.2	1.81	0.92 No	0.13	Primary Over-Voltage
SCL311	1271	'432599588_/_432599059_1'	0.13	1.43	3.33	0.944	0.1	1.81	0.92 No	0.1	Element Fault
SCL311	1272	'8768348_/_9401574_2'	0.13	1.33	3.33	0.944	0.37	1.81	0.92 No	0.13	Primary Over-Voltage
SCL311	1273	'7578215_/_432599059_2'	0.13	1.43	3.33	0.944	0.1	1.8	0.92 No	0.1	Element Fault
SCL311	1274	'7190827_/_7190824'	0.13	1.33	3.33	0.944	0.37	1.81	0.92 No	0.13	Primary Over-Voltage
SCL311	1275	'3518188_/_3518185'	0.13	1.4	3.33	0.944	0.2	1.79	0.92 No	0.13	Primary Over-Voltage
SCL311	1276	'3502946_/_3502926'	0.27	2.4	6.67	1.88	0.73	3.66	1.83 No	0.27	Primary Over-Voltage
SCL311	1277	'3502747_/_3502744'	0.13	1.4	3.33	0.944	0.2	1.78	0.92 No	0.13	Primary Over-Voltage
SCL311	1278	'44078005_/_44077991'	0.23	3.33	3.33	0.944	0.2	1.69	0.92 No	0.2	Element Fault
SCL311	1279	'3706912_/_3720783'	0.2	3.33	3.33	0.944	0.1	1.64	0.92 No	0.1	Element Fault
SCL311	1280	'422738114_/_7273837_1'	0.2	3.33	3.33	0.944	0.1	1.64	0.92 No	0.1	Element Fault
SCL311	1281	'3502763_/_3502760'	0.13	1.37	3.33	0.944	0.2	1.75	0.92 No	0.13	Primary Over-Voltage
SCL311	1282	'3502913_/_3502944'	0.27	2.33	6.67	1.88	0.73	3.59	1.83 No	0.27	Primary Over-Voltage
SCL311	1283	'8130861_/_9401574_1'	0.13	1.33	3.33	0.944	0.2	1.75	0.92 No	0.13	Primary Over-Voltage
SCL311	1284	'3502828_/_3502825'	0.13	1.37	3.33	0.944	0.2	1.73	0.92 No	0.13	Primary Over-Voltage
SCL311	1285	'3502841_/_3502838'	0.13	1.33	3.33	0.944	0.2	1.72	0.92 No	0.13	Primary Over-Voltage
SCL311	1286	'3502776_/_3502773'	0.13	1.33	3.33	0.944	0.2	1.72	0.92 No	0.13	Primary Over-Voltage
SCL311	1287	'405902273_/_3706910'	0.2	3.33	3.33	0.944	0.1	1.6	0.92 No	0.1	Element Fault
SCL311	1288	'7578296_/_7578293_1'	0.13	1.23	3.33	0.944	0.2	1.73	0.92 No	0.13	Primary Over-Voltage
SCL311	1289	'8213262_/_53213709'	0.13	1.27	3.33	0.944	0.2	1.71	0.92 No	0.13	Primary Over-Voltage
SCL311	1290	'3502914_/_3502911'	0.27	2.27	6.67	1.88	0.73	3.5	1.83 No	0.27	Primary Over-Voltage
SCL311	1291	'3503041_/_3503038'	0.13	1.23	3.33	0.944	0.37	1.71	0.92 No	0.13	Primary Over-Voltage
SCL311	1292	'471246809_/_7578293_2'	0.13	1.23	3.33	0.944	0.2	1.71	0.92 No	0.13	Primary Over-Voltage
SCL311	1293	'3502789_/_3502786'	0.13	1.3	3.33	0.944	0.2	1.69	0.92 No	0.13	Primary Over-Voltage
SCL311	1294	'3502992_/_3503051_1'	0.13	1.2	3.33	0.944	0.2	1.7	0.92 No	0.13	Primary Over-Voltage
SCL311	1295	'7273839_/_7273837_2'	0.2	3.33	3.33	0.944	0.1	1.58	0.92 No	0.1	Element Fault
SCL311	1296	'43327640_/_3503051_2'	0.13	1.2	3.33	0.944	0.2	1.69	0.92 No	0.13	Primary Over-Voltage
SCL311	1297	'405902237_/_405902275'	0.2	3.33	3.33	0.944	0.1	1.56	0.92 No	0.1	Element Fault
SCL311	1298	'3503054_/_8522551_1'	0.13	1.2	3.33	0.944	0.1	1.69	0.92 No	0.1	Element Fault
SCL311	1299	'7578295_/_471246833'	0.13	1.23	3.33	0.944	0.2	1.68	0.92 No	0.13	Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SCL311	1300	'50180194_/_50180171'	0.13	1.23	3.33	0.944	0.2	1.68	0.92 No	0.13	Primary Over-Voltage
SCL311	1301	'3517764_/_3517761'	0.13	1.27	3.33	0.944	0.2	1.66	0.92 No	0.13	Primary Over-Voltage
SCL311	1302	'473060827_/_473060850'	0.13	1.23	3.33	0.944	0.2	1.67	0.92 No	0.13	Primary Over-Voltage
SCL311	1303	'7263790_/_8213243'	0.13	1.23	3.33	0.944	0.2	1.66	0.92 No	0.13	Primary Over-Voltage
SCL311	1304	'7578280_/_7578277_2'	0.13	1.17	3.33	0.944	0.37	1.66	0.92 No	0.13	Primary Over-Voltage
SCL311	1305	'461126836_/_461126857'	0.13	1.2	3.33	0.944	0.2	1.66	0.92 No	0.13	Primary Over-Voltage
SCL311	1306	'3517777_/_3517774'	0.13	1.27	3.33	0.944	0.2	1.64	0.92 No	0.13	Primary Over-Voltage
SCL311	1307	'7578279_/_7578277_1'	0.13	1.17	3.33	0.944	0.2	1.65	0.92 No	0.13	Primary Over-Voltage
SCL311	1308	'3706913_/_405902239'	0.17	3.33	3.33	0.944	0.1	1.53	0.92 No	0.1	Element Fault
SCL311	1309	'8522554_/_8522551_2'	0.13	1.2	3.33	0.944	0.1	1.65	0.92 No	0.1	Element Fault
SCL311	1310	'375585696_/_375585715'	0.13	1.2	3.33	0.944	0.2	1.64	0.92 No	0.13	Primary Over-Voltage
SCL311	1311	'9444479_/_9469914'	0.13	1.2	3.33	0.944	0.2	1.64	0.92 No	0.13	Primary Over-Voltage
SCL311	1312	'586899628_/_586899625'	0.17	3.33	3.33	0.944	0.1	1.51	0.92 No	0.1	Element Fault
SCL311	1313	'3517751_/_3517787'	0.13	1.23	3.33	0.944	0.2	1.61	0.92 No	0.13	Primary Over-Voltage
SCL311	1314	'405901982_/_7124337'	0.17	3.33	3.33	0.944	0.1	1.51	0.92 No	0.1	Element Fault
SCL311	1315	'3517803_/_3517800'	0.13	1.23	3.33	0.944	0.2	1.61	0.92 No	0.13	Primary Over-Voltage
SCL311	1316	'7263789_/_7263787'	0.13	1.17	3.33	0.944	0.2	1.61	0.92 No	0.13	Primary Over-Voltage
SCL311	1317	'586899641_/_586899638'	0.17	3.33	3.33	0.944	0.1	1.5	0.92 No	0.1	Element Fault
SCL311	1318	'9444494_/_9469898'	0.13	1.17	3.33	0.944	0.2	1.61	0.92 No	0.13	Primary Over-Voltage
SCL311	1319	'7897681_/_7897679'	0.13	1.17	3.33	0.944	0.2	1.6	0.92 No	0.13	Primary Over-Voltage
SCL311	1320	'43328087_/_43328089'	0.13	1.2	3.33	0.944	0.2	1.59	0.92 No	0.13	Primary Over-Voltage
SCL311	1321	'405902071_/_7124350'	0.17	3.33	3.33	0.944	0.1	1.49	0.92 No	0.1	Element Fault
SCL311	1322	'3503020_/_3503017'	0.13	1.13	3.33	0.944	0.37	1.6	0.92 No	0.13	Primary Over-Voltage
SCL311	1323	'8522570_/_8840839_1'	0.13	1.13	3.33	0.944	0.2	1.59	0.92 No	0.13	Primary Over-Voltage
SCL311	1324	'3543955_/_586899655_1'	0.17	3.33	3.33	0.944	0.1	1.48	0.92 No	0.1	Element Fault
SCL311	1325	'586899570_/_586899655_2'	0.17	3.33	3.33	0.944	0.1	1.48	0.92 No	0.1	Element Fault
SCL311	1326	'7578232_/_9444476'	0.13	1.13	3.33	0.944	0.2	1.59	0.92 No	0.13	Primary Over-Voltage
SCL311	1327	'586899658_/_586899655_3'	0.17	3.33	3.33	0.944	0.1	1.48	0.92 No	0.1	Element Fault
SCL311	1328	'44078021_/_44078009'	0.17	3.33	3.33	0.944	0.2	1.51	0.92 No	0.17	Primary Over-Voltage
SCL311	1329	'9480415_/_9480412'	0.17	3.33	3.33	0.944	0.1	1.48	0.92 No	0.1	Element Fault
SCL311	1330	'3517816_/_3517813'	0.13	1.2	3.33	0.944	0.2	1.57	0.92 No	0.13	Primary Over-Voltage
SCL311	1331	'8840842_/_8840839_2'	0.13	1.13	3.33	0.944	0.2	1.58	0.92 No	0.13	Primary Over-Voltage
SCL311	1332	'3503070_/_3503067'	0.13	1.13	3.33	0.944	0.37	1.58	0.92 No	0.13	Primary Over-Voltage
SCL311	1333	'7897650_/_9444524'	0.13	1.13	3.33	0.944	0.2	1.58	0.92 No	0.13	Primary Over-Voltage
SCL311	1334	'433469493_/_9444492'	0.13	1.13	3.33	0.944	0.2	1.58	0.92 No	0.13	Primary Over-Voltage
SCL311	1335	'43328098_/_43328100'	0.13	1.17	3.33	0.944	0.2	1.57	0.92 No	0.13	Primary Over-Voltage
SCL311	1336	'431993507_/_433469513'	0.13	1.13	3.33	0.944	0.2	1.57	0.92 No	0.13	Primary Over-Voltage
SCL311	1337	'8522585_/_8522583'	0.27	2.07	6.67	1.88	0.4	3.19	1.83 No	0.27	Primary Over-Voltage
SCL311	1338	'432599608_/_8840935_1'	0.13	1.13	3.33	0.944	0.1	1.57	0.92 No	0.1	Element Fault
SCL311	1339	'586899691_/_586899672'	0.17	3.33	3.33	0.944	0.1	1.46	0.92 No	0.1	Element Fault
SCL311	1340	'7578231_/_7578229'	0.13	1.13	3.33	0.944	0.2	1.56	0.92 No	0.13	Primary Over-Voltage
SCL311	1341	'7897649_/_7897647'	0.13	1.13	3.33	0.944	0.2	1.56	0.92 No	0.13	Primary Over-Voltage
SCL311	1342	'464536299_/_464536357'	0.13	1.1	3.33	0.944	0.2	1.56	0.92 No	0.13	Primary Over-Voltage
SCL311	1343	'3517734_/_3517732'	0.13	1.17	3.33	0.944	0.2	1.54	0.92 No	0.13	Primary Over-Voltage
SCL311	1344	'3543943_/_586899689'	0.17	3.33	3.33	0.944	0.1	1.44	0.92 No	0.1	Element Fault
SCL311	1345	'8522586_/_431993527'	0.13	1.1	3.33	0.944	0.2	1.55	0.92 No	0.13	Primary Over-Voltage
SCL311	1346	'7578264_/_9444508'	0.13	1.1	3.33	0.944	0.2	1.55	0.92 No	0.13	Primary Over-Voltage
SCL311	1347	'8840905_/_8840919'	0.13	1.1	3.33	0.944	0.2	1.54	0.92 No	0.13	Primary Over-Voltage
SCL311	1348	'7578263_/_7578261'	0.13	1.1	3.33	0.944	0.2	1.53	0.92 No	0.13	Primary Over-Voltage
SCL311	1349	'3518262_/_3518259'	0.13	1.07	3.33	0.944	0.37	1.52	0.92 No	0.13	Primary Over-Voltage
SCL311	1350	'7578248_/_7897631'	0.13	1.07	3.33	0.944	0.2	1.52	0.92 No	0.13	Primary Over-Voltage
SCL311	1351	'8213293_/_8840903'	0.13	1.07	3.33	0.944	0.2	1.51	0.92 No	0.13	Primary Over-Voltage
SCL311	1352	'7578247_/_7578245'	0.13	1.07	3.33	0.944	0.2	1.5	0.92 No	0.13	Primary Over-Voltage
SCL311	1353	'8213278_/_8840855'	0.13	1.03	3.33	0.944	0.2	1.49	0.92 No	0.13	Primary Over-Voltage
SCL311	1354	'8213294_/_8213291'	0.13	1.03	3.33	0.944	0.2	1.49	0.92 No	0.13	Primary Over-Voltage
SCL311	1355	'7897618_/_8213275'	0.13	1.03	3.33	0.944	0.2	1.47	0.92 No	0.13	Primary Over-Voltage
SCL311	1356	'7897617_/_7897615'	0.13	1.03	3.33	0.944	0.2	1.45	0.92 No	0.13	Primary Over-Voltage
SCL311	1357	'8522620_/_8522617'	0.13	1	3.33	0.944	0.2	1.45	0.92 No	0.13	Primary Over-Voltage
SCL311	1358	'3541847_/_7124379'	0.13	1	3.33	0.944	0.37	1.45	0.92 No	0.13	Primary Over-Voltage
SCL311	1359	'49984321_/_7897695_1'	0.13	1	3.33	0.944	0.2	1.43	0.92 No	0.13	Primary Over-Voltage
SCL311	1360	'44078035_/_44078023'	0.17	1.57	3.33	0.944	0.2	1.36	0.92 No	0.17	Primary Over-Voltage
SCL311	1361	'8840890_/_8840887'	0.13	0.97	3.33	0.944	0.2	1.41	0.92 No	0.13	Primary Over-Voltage
SCL311	1362	'8522603_/_9469882'	0.13	0.97	3.33	0.944	0.2	1.41	0.92 No	0.13	Primary Over-Voltage
SCL311	1363	'3541822_/_3541845'	0.13	0.97	3.33	0.944	0.37	1.41	0.92 No	0.13	Primary Over-Voltage
SCL311	1364	'8522604_/_8522601'	0.13	0.97	3.33	0.944	0.2	1.39	0.92 No	0.13	Primary Over-Voltage
SCL311	1365	'3541795_/_3541861'	0.13	0.93	3.33	0.944	0.37	1.37	0.92 No	0.13	Primary Over-Voltage
SCL311	1366	'3541821_/_3541819'	0.13	0.93	3.33	0.944	0.37	1.37	0.92 No	0.13	Primary Over-Voltage
SCL311	1367	'457391084_/_3541793'	0.13	0.9	3.33	0.944	0.37	1.34	0.92 No	0.13	Primary Over-Voltage
SCL311	1368	'457391102_/_457391086'	0.13	0.87	3.33	0.944	0.37	1.31	0.92 No	0.13	Primary Over-Voltage
SCL311	1369	'44078049_/_44078039'	0.13	1.23	3.33	0.944	0.2	1.24	0.92 No	0.13	Primary Over-Voltage
SCL311	1370	'3541796_/_457391104'	0.13	0.83	3.33	0.944	0.37	1.28	0.92 No	0.13	Primary Over-Voltage
SCL311	1371	'3541809_/_3541806'	0.13	0.83	3.33	0.944	0.37	1.26	0.92 No	0.13	Primary Over-Voltage
SCL311	1372	'44078061_/_44078051'	0.1	1.07	3.33	0.944	0.2	1.14	0.92 No	0.1	Primary Over-Voltage
SCL311	1373	'43334163_/_3541832'	0.13	0.7	3.33	0.944	0.37	1.11	0.92 No	0.13	Primary Over-Voltage
SCL311	1374	'7193639_/_44078063'	0.1	0.93	3.33	0.944	0.2	1.05	0.92 No	0.1	Primary Over-Voltage
SCL311	1375	'120037834_/_120037711_2'	0.17	1.4	3.33	0.944	0.1	0.94	0.92 No	0.1	Element Fault
SCL311	1376	'44078072_/_7193656'	0.1	0.9	3.33	0.944	0.2	1.03	0.92 No	0.1	Primary Over-Voltage
SCL311	1377	'43369275_/_44078074'	0.1	0.87	3.33	0.944	0.2	1.01	0.92 No	0.1	Primary Over-Voltage
SCL311	1378	'43369288_/_3721098'	0.1	0.87	3.33	0.944	0.2	1	0.92 No	0.1	Primary Over-Voltage
SCL311	1379	'120037713_/_120037711_1'	0.17	1.4	3.33	0.944	0.1	0.91	0.92 No	0.1	Element Fault
SCL311	1380	'3721114_/_43369290'	0.1	0.83	3.33	0.944	0.2	0.98	0.92 No	0.1	Primary Over-Voltage
SCL311	1381	'4024769_/_4024783'	0.17	1.4	3.33	0.944	0.1	0.89	0.92 No	0.1	Element Fault
SCL311	1382	'3541877_/_43334165'	0.13	0.63	3.33	0.944	0.37	1.02	0.92 No	0.13	Primary Over-Voltage
SCL311	1383	'3541906_/_3541903'	0.13	0.63	3.33	0.944	0.37	1.01	0.92 No	0.13	Primary Over-Voltage
SCL311	1384	'43334198_/_3541887'	0.13	0.63	3.33	0.944	0.37	1	0.92 No	0.13	Primary Over-Voltage
SCL311	1385	'4024768_/_4024766'	0.13	1.4	3.33	0.944	0.1	0.88	0.92 No	0.1	Element Fault
SCL311	1386	'3541919_/_3541916'	0.13	0.63	3.33	0.944	0.37	1	0.92 No	0.13	Primary Over-Voltage
SCL311	1387	'38438795_/_3541942'	0.13	0.63	3.33	0.944	0.37	0.99	0.92 No	0.13	Primary Over-Voltage
SCL311	1388	'3541932_/_3541929'	0.13	0.63	3.33	0.944	0.37	0.99	0.92 No	0.13	Primary Over-Voltage
SCL311	1389	'3541890_/_43334200'	0.13	0.63	3.33	0.944	0.37	0.99	0.92 No	0.13	Primary Over-Voltage
SCL311	1390	'4022992_/_4024806'	0.13	1.4	3.33	0.944	0.1	0.86	0.92 No	0.1	Element Fault
SCL311	1391	'4022605_/_4024823'	0.13	1.4	3.33	0.944	0.1	0.85	0.92 No	0.1	Element Fault
SCL311	1392	'4022403_/_4022603'	0.13	1.4	3.33	0.944	0.1	0.85	0.92 No	0.1	Element Fault
SCL311	1393	'4022404_/_4022401'	0.13	1.4	3.33	0.944	0.1	0.84	0.92 No	0.1	Element Fault

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage	Regulator	Thermal	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
				Deviation	Deviation	Discharging				VSR (MW)	Limiting Threshold
SCL311	1394	'4022420_/_4022417'	0.13		1.4	3.33	0.944	0.1	0.83	0.92 No	0.1 Element Fault
SCL311	1395	'43431333_/_4022477'	0.13		1.4	3.33	0.944	0.1	0.84	0.92 No	0.1 Element Fault
SCL311	1396	'4022755_/_4022752'	0.13		1.4	3.33	0.944	0.1	0.81	0.92 No	0.1 Element Fault
SCL311	1397	'4022619_/_4022616'	0.1		1.4	3.33	0.944	0.1	0.79	0.92 No	0.1 Primary Over-Voltage
SCL311	1398	'4022550_/_4022694'	0.1		1.4	3.33	0.944	0.1	0.78	0.92 No	0.1 Primary Over-Voltage
SCL311	1399	'4022551_/_4022548'	0.1		1.37	3.33	0.944	0.1	0.74	0.92 No	0.1 Primary Over-Voltage
SCL312	0	'SCL312_/_4035171'	10		10	10	5.208	10	10	0.55 No	0.55 Unintentional Islanding
SCL312	1	'4035140_/_4035171'	10		10	10	5.208	10	10	0.55 No	0.55 Unintentional Islanding
SCL312	2	'4033361_/_4035126'	10		10	10	5.208	10	10	0.55 No	0.55 Unintentional Islanding
SCL312	3	'118974718_/_4033392'	10		10	10	5.208	10	10	0.55 No	0.55 Unintentional Islanding
SCL312	4	'4033394_/_118974847'	9.7		10	10	5.208	10	10	0.55 No	0.55 Unintentional Islanding
SCL312	5	'4033405_/_4033403'	9.4		10	10	5.208	10	10	0.54 No	0.54 Unintentional Islanding
SCL312	6	'4027711_/_4033468'	9		10	10	5.208	10	10	0.54 No	0.54 Unintentional Islanding
SCL312	7	'4022462_/_4027708'	8.6		10	10	5.208	10	10	0.54 No	0.54 Unintentional Islanding
SCL312	8	'4022292_/_4022460'	8.2		10	10	5.208	10	10	0.54 No	0.54 Unintentional Islanding
SCL312	9	'4022433_/_4022430'	2.73		3.33	3.33	1.736	3.33	3.33	0.18 No	0.18 Unintentional Islanding
SCL312	10	'43431240_/_43431242'	7.8		10	10	5.208	10	10	0.54 No	0.54 Unintentional Islanding
SCL312	11	'43431226_/_43431228'	7.7		10	10	5.208	10	10	0.54 No	0.54 Unintentional Islanding
SCL312	12	'88904763_/_4022289'	7.4		10	10	5.208	10	10	0.54 No	0.54 Unintentional Islanding
SCL312	13	'4021886_/_43431215'	7.2		10	10	5.208	10	10	0.54 No	0.54 Unintentional Islanding
SCL312	14	'4021887_/_4021884'	7		10	10	5.208	10	10	0.54 No	0.54 Unintentional Islanding
SCL312	15	'4022369_/_4021921'	6.7		10	10	5.208	10	10	0.54 No	0.54 Unintentional Islanding
SCL312	16	'4022320_/_4022384'	6.5		10	10	5.208	10	10	0.54 No	0.54 Unintentional Islanding
SCL312	17	'4021754_/_4022317'	6.3		10	10	5.208	10	10	0.54 No	0.54 Unintentional Islanding
SCL312	18	'4021753_/_4021751'	6.2		10	10	5.208	10	10	0.54 No	0.54 Unintentional Islanding
SCL312	19	'252126047_/_4022367'	2.23		3.33	3.33	1.736	3	3.33	0.18 No	0.18 Unintentional Islanding
SCL312	20	'4021670_/_4021822'	6		10	10	5.208	10	10	0.54 No	0.54 Unintentional Islanding
SCL312	21	'4021657_/_50768993_2'	2		3.33	3.33	1.736	3.33	3.33	0.18 No	0.18 Unintentional Islanding
SCL312	22	'4021807_/_4021805'	5.8		10	10	5.208	10	10	0.54 No	0.54 Unintentional Islanding
SCL312	23	'50768996_/_50768993_1'	2		3.33	3.33	1.736	1.2	3.33	0.18 No	0.18 Unintentional Islanding
SCL312	24	'4027666_/_43430456'	2.23		3.33	3.33	1.736	3	3.33	0.18 No	0.18 Unintentional Islanding
SCL312	25	'4021737_/_4021850'	5.7		10	10	5.208	10	10	0.54 No	0.54 Unintentional Islanding
SCL312	26	'4021720_/_4021734'	5.5		10	10	5.208	10	10	0.54 No	0.54 Unintentional Islanding
SCL312	27	'266691002_/_43430467'	2.2		3.33	3.33	1.736	2.9	3.33	0.18 No	0.18 Unintentional Islanding
SCL312	28	'4022103_/_4022100_2'	1.83		3.33	3.33	1.736	2.9	3.33	0.18 No	0.18 Unintentional Islanding
SCL312	29	'4021703_/_4021717'	5.3		10	10	5.208	10	10	0.54 No	0.54 Unintentional Islanding
SCL312	30	'4017762_/_4021654'	2		3.33	3.33	1.736	1.2	3.33	0.18 No	0.18 Unintentional Islanding
SCL312	31	'4021686_/_4021700'	5.3		10	10	5.208	10	10	0.54 No	0.54 Unintentional Islanding
SCL312	32	'4021685_/_4021683'	5.3		10	10	5.208	10	10	0.54 No	0.54 Unintentional Islanding
SCL312	33	'4022090_/_4022100_1'	1.83		3.33	3.33	1.736	1.2	3.33	0.18 No	0.18 Unintentional Islanding
SCL312	34	'4021977_/_4021975'	5.1		10	10	5.208	10	10	0.54 No	0.54 Unintentional Islanding
SCL312	35	'4022169_/_4022187'	5		10	10	5.208	10	10	0.54 No	0.54 Unintentional Islanding
SCL312	36	'4017749_/_4017759'	2		3.33	3.33	1.736	1.2	3.33	0.18 No	0.18 Unintentional Islanding
SCL312	37	'4022077_/_4022087'	1.83		3.33	3.33	1.736	1.2	3.33	0.18 No	0.18 Unintentional Islanding
SCL312	38	'4022006_/_4022167'	4.9		10	10	5.208	10	10	0.54 No	0.54 Unintentional Islanding
SCL312	39	'3996720_/_4022003'	4.8		10	10	5.208	10	10	0.54 No	0.54 Unintentional Islanding
SCL312	40	'4017748_/_4017746'	2		3.33	3.33	1.736	1.2	3.33	0.18 No	0.18 Unintentional Islanding
SCL312	41	'3996719_/_3996717'	4.7		10	10	5.208	10	10	0.54 No	0.54 Unintentional Islanding
SCL312	42	'3996848_/_3996862'	4.6		10	10	5.208	10	10	0.54 No	0.54 Unintentional Islanding
SCL312	43	'3996831_/_3996845'	4.6		10	10	5.208	10	10	0.54 No	0.54 Unintentional Islanding
SCL312	44	'7292653_/_9186735_2'	4.6		10	10	5.208	10	10	0.54 No	0.54 Unintentional Islanding
SCL312	45	'3996542_/_3996828'	4.5		10	10	5.208	10	10	0.54 No	0.54 Unintentional Islanding
SCL312	46	'4020072_/_4020070'	2		3.33	3.33	1.736	1.2	3.33	0.18 No	0.18 Unintentional Islanding
SCL312	47	'43431169_/_43431171'	1.83		3.33	3.33	1.736	1.2	3.33	0.18 No	0.18 Unintentional Islanding
SCL312	48	'50637218_/_50637215'	4.4		10	10	5.208	10	10	0.54 No	0.54 Unintentional Islanding
SCL312	49	'3996541_/_3996539'	4.3		10	10	5.208	10	10	0.54 No	0.54 Unintentional Islanding
SCL312	50	'4022880_/_4022878'	2		3.33	3.33	1.736	1.2	3.33	0.18 No	0.18 Unintentional Islanding
SCL312	51	'3996633_/_3996647'	4.3		10	10	5.208	10	10	0.54 No	0.54 Unintentional Islanding
SCL312	52	'8869742_/_9186735_1'	4.6		10	10	5.208	3.9	10	0.54 No	0.54 Unintentional Islanding
SCL312	53	'3996616_/_3996630'	4.2		10	10	5.208	10	10	0.54 No	0.54 Unintentional Islanding
SCL312	54	'3996615_/_3996613'	4.1		10	10	5.208	10	10	0.54 No	0.54 Unintentional Islanding
SCL312	55	'44947213_/_4020168'	1.83		3.33	3.33	1.736	1.2	3.33	0.18 No	0.18 Unintentional Islanding
SCL312	56	'4047812_/_4047810'	4		10	10	5.208	10	10	0.54 No	0.54 Unintentional Islanding
SCL312	57	'50636668_/_50636665'	3.9		10	10	5.208	10	10	0.54 No	0.54 Unintentional Islanding
SCL312	58	'4047829_/_4047827'	3.9		10	10	5.208	10	10	0.54 No	0.54 Unintentional Islanding
SCL312	59	'133530584_/_4048929_1'	1.3		3.33	3.33	1.736	1.3	3.33	0.18 No	0.18 Unintentional Islanding
SCL312	60	'3997055_/_4048979'	3.9		10	10	5.208	10	10	0.54 No	0.54 Unintentional Islanding
SCL312	61	'4047847_/_4048929_2'	1.3		3.33	3.33	1.736	1.3	3.33	0.18 No	0.18 Unintentional Islanding
SCL312	62	'49956345_/_49956342'	3.8		10	10	5.208	10	10	0.54 No	0.54 Unintentional Islanding
SCL312	63	'7928741_/_8869739'	4.6		10	10	5.208	3.9	10	0.54 No	0.54 Unintentional Islanding
SCL312	64	'43427789_/_43427791'	3.8		10	10	5.208	10	10	0.54 No	0.54 Unintentional Islanding
SCL312	65	'3996977_/_49220090'	3.7		10	10	5.208	10	10	0.54 No	0.54 Unintentional Islanding
SCL312	66	'7928740_/_7928738'	4.6		10	10	5.208	3.9	10	0.54 No	0.54 Unintentional Islanding
SCL312	67	'121449770_/_121449774'	3.7		10	10	5.208	10	10	0.54 No	0.54 Unintentional Islanding
SCL312	68	'3996926_/_3996974'	3.6		10	10	5.208	10	10	0.54 No	0.54 Unintentional Islanding
SCL312	69	'121449796_/_121449798'	3.6		10	10	5.208	10	10	0.54 No	0.54 Unintentional Islanding
SCL312	70	'3996959_/_3996957'	3.6		10	10	5.208	10	10	0.54 No	0.54 Unintentional Islanding
SCL312	71	'3997357_/_3997371'	3.5		10	10	5.208	10	10	0.54 No	0.54 Unintentional Islanding
SCL312	72	'3997206_/_3997388'	3.5		10	10	5.208	10	10	0.54 No	0.54 Unintentional Islanding
SCL312	73	'3997340_/_3997354'	3.5		10	10	5.208	10	10	0.54 No	0.54 Unintentional Islanding
SCL312	74	'8244803_/_8556406_2'	1.17		3.33	3.33	1.736	3.33	3.33	0.18 No	0.18 Unintentional Islanding
SCL312	75	'3992207_/_3997203'	3.4		10	10	5.208	10	10	0.54 No	0.54 Unintentional Islanding
SCL312	76	'3997323_/_3997337'	3.5		10	10	5.208	10	10	0.54 No	0.54 Unintentional Islanding
SCL312	77	'43428839_/_3992205'	3.4		10	10	5.208	10	10	0.54 No	0.54 Unintentional Islanding
SCL312	78	'50769440_/_3997320'	3.5		10	10	5.208	10	10	0.54 No	0.54 Unintentional Islanding
SCL312	79	'3997289_/_3997303'	3.5		10	10	5.208	10	10	0.54 No	0.54 Unintentional Islanding
SCL312	80	'3992157_/_3992154'	3.3		10	10	5.208	10	10	0.54 No	0.54 Unintentional Islanding
SCL312	81	'3997189_/_3997286'	3.5		10	10	5.208	10	10	0.54 No	0.54 Unintentional Islanding
SCL312	82	'7929254_/_8870481_2'	1.1		3.33	3.33	1.736	3.33	3.33	0.18 No	0.18 Unintentional Islanding
SCL312	83	'3997169_/_3997186'	3.5		10	10	5.208	10	10	0.54 No	0.54 Unintentional Islanding
SCL312	84	'7608769_/_8556844_2'	1.17		3.33	3.33	1.736	3.33	3.33	0.18 No	0.18 Unintentional Islanding
SCL312	85	'3997149_/_3997166'	3.5		10	10	5.208	10	10	0.54 No	0.54 Unintentional Islanding
SCL312	86	'43428852_/_43428854'	3.5		10	10	5.208	10	10	0.54 No	0.54 Unintentional Islanding
SCL312	87	'43428826_/_3992188'	3.2		10	10	5.208	10	10	0.54 No	0.54 Unintentional Islanding

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SCL312	88	'3992254_/_3997146'		3.5	10	10	5.208	10	10	0.54 No	0.54 Unintentional Islanding
SCL312	89	'3988010_/_3992264'		3.4	10	10	5.208	10	10	0.54 No	0.54 Unintentional Islanding
SCL312	90	'3992237_/_3992251_2'		1.17	3.33	3.33	1.736	2.9	3.33	0.18 No	0.18 Unintentional Islanding
SCL312	91	'8244151_/_8244164_1'		1.13	3.33	3.33	1.736	0.8	3.33	0.18 No	0.18 Unintentional Islanding
SCL312	92	'3987980_/_3988007'		3.4	10	10	5.208	10	10	0.54 No	0.54 Unintentional Islanding
SCL312	93	'3992174_/_3992171'		3.2	10	10	5.208	10	10	0.54 No	0.54 Unintentional Islanding
SCL312	94	'3992225_/_3992251_1'		1.17	3.33	3.33	1.736	1.3	3.33	0.18 No	0.18 Unintentional Islanding
SCL312	95	'8244335_/_8244332_2'		1.07	3.33	3.33	1.736	3.33	3.33	0.18 No	0.18 Unintentional Islanding
SCL312	96	'3987992_/_3987990'		3.4	10	10	5.208	10	10	0.54 No	0.54 Unintentional Islanding
SCL312	97	'3987967_/_3987964_2'		1.13	3.33	3.33	1.736	2.9	3.33	0.18 No	0.18 Unintentional Islanding
SCL312	98	'8244167_/_8244164_2'		1.13	3.33	3.33	1.736	0.8	3.33	0.18 No	0.18 Unintentional Islanding
SCL312	99	'3988154_/_3988181'		3.4	10	10	5.208	10	10	0.54 No	0.54 Unintentional Islanding
SCL312	100	'7292473_/_7292471_1'		1.13	3.33	3.33	1.736	0.8	3.33	0.18 No	0.18 Unintentional Islanding
SCL312	101	'4039131_/_4039146'		3.1	10	10	5.208	10	10	0.54 No	0.54 Unintentional Islanding
SCL312	102	'3988141_/_3988138_2'		1.13	3.33	3.33	1.736	3.33	3.33	0.18 No	0.18 Unintentional Islanding
SCL312	103	'49247763_/_49247760'		3.4	10	10	5.208	10	10	0.54 No	0.54 Unintentional Islanding
SCL312	104	'8870483_/_8870481_1'		1.1	3.33	3.33	1.736	1.3	3.33	0.18 No	0.18 Unintentional Islanding
SCL312	105	'3988234_/_3988232'		3.4	10	10	5.208	10	10	0.54 No	0.54 Unintentional Islanding
SCL312	106	'7609337_/_7930672_2'		1.03	3.33	3.33	1.736	3.33	3.33	0.18 No	0.18 Unintentional Islanding
SCL312	107	'7607978_/_8244196_1'		1.13	3.33	3.33	1.736	1.3	3.33	0.18 No	0.18 Unintentional Islanding
SCL312	108	'7293929_/_8557630_2'		1.03	3.33	3.33	1.736	3.33	3.33	0.18 No	0.18 Unintentional Islanding
SCL312	109	'3988269_/_3988320'		3.4	10	10	5.208	10	10	0.54 No	0.54 Unintentional Islanding
SCL312	110	'3992136_/_4039129'		3	10	10	5.208	10	10	0.54 No	0.54 Unintentional Islanding
SCL312	111	'7292278_/_7292275_2'		3.4	10	10	5.208	10	10	0.54 No	0.54 Unintentional Islanding
SCL312	112	'3988252_/_3988266'		3.4	10	10	5.208	10	10	0.54 No	0.54 Unintentional Islanding
SCL312	113	'3975334_/_3987964_1'		1.13	3.33	3.33	1.736	1.3	3.33	0.18 No	0.18 Unintentional Islanding
SCL312	114	'3980559_/_3988138_1'		1.13	3.33	3.33	1.736	1.2	3.33	0.18 No	0.18 Unintentional Islanding
SCL312	115	'3988251_/_3988249'		3.4	10	10	5.208	10	10	0.54 No	0.54 Unintentional Islanding
SCL312	116	'7608077_/_8557630_1'		1.03	3.33	3.33	1.736	1.3	3.33	0.18 No	0.18 Unintentional Islanding
SCL312	117	'7292474_/_7292471_2'		1.13	3.33	3.33	1.736	0.8	3.33	0.18 No	0.18 Unintentional Islanding
SCL312	118	'3992119_/_3992134'		3	10	10	5.208	10	10	0.54 No	0.54 Unintentional Islanding
SCL312	119	'4036912_/_4036910'		3.4	10	10	5.208	10	10	0.54 No	0.54 Unintentional Islanding
SCL312	120	'118820418_/_3988283_1'		3.4	10	10	5.208	4.1	10	0.54 No	0.54 Unintentional Islanding
SCL312	121	'394325866_/_394220372_1'		3.4	10	10	5.208	3.9	10	0.54 No	0.54 Unintentional Islanding
SCL312	122	'3988200_/_3988283_2'		3.4	10	10	5.208	4.1	10	0.54 No	0.54 Unintentional Islanding
SCL312	123	'7292277_/_7292275_1'		3.4	10	10	5.208	4	10	0.54 No	0.54 Unintentional Islanding
SCL312	124	'4036988_/_4037002'		3.4	10	10	5.208	10	10	0.54 No	0.54 Unintentional Islanding
SCL312	125	'8556846_/_8556844_1'		1.17	3.33	3.33	1.736	1.3	3.33	0.18 No	0.18 Unintentional Islanding
SCL312	126	'3985302_/_3992117'		2.9	10	10	5.208	10	10	0.54 No	0.54 Unintentional Islanding
SCL312	127	'43428815_/_43428817'		1.17	3.33	3.33	1.736	1.3	3.33	0.18 No	0.18 Unintentional Islanding
SCL312	128	'9186267_/_9186361'		3.4	10	10	5.208	4	10	0.54 No	0.54 Unintentional Islanding
SCL312	129	'7928816_/_8244196_2'		1.13	3.33	3.33	1.736	1.3	3.33	0.18 No	0.18 Unintentional Islanding
SCL312	130	'3985040_/_3985300'		2.9	10	10	5.208	10	10	0.54 No	0.54 Unintentional Islanding
SCL312	131	'4036933_/_4036985'		3.4	10	10	5.208	10	10	0.54 No	0.54 Unintentional Islanding
SCL312	132	'3980558_/_3980556'		1.13	3.33	3.33	1.736	1.2	3.33	0.18 No	0.18 Unintentional Islanding
SCL312	133	'8555076_/_8556406_1'		1.17	3.33	3.33	1.736	1.2	3.33	0.18 No	0.18 Unintentional Islanding
SCL312	134	'3988123_/_3988215'		3.4	10	10	5.208	4.1	10	0.54 No	0.54 Unintentional Islanding
SCL312	135	'314298525_/_3992660'		2.8	10	10	5.208	10	10	0.54 No	0.54 Unintentional Islanding
SCL312	136	'4036972_/_4036970'		3.4	10	10	5.208	10	10	0.54 No	0.54 Unintentional Islanding
SCL312	137	'3992663_/_314298543_1'		2.8	10	10	5.208	10	10	0.54 No	0.54 Unintentional Islanding
SCL312	138	'118819951_/_118819879_1'		3.4	10	10	5.208	2.4	10	0.54 No	0.54 Unintentional Islanding
SCL312	139	'8544824_/_8544822_1'		3.4	10	10	5.208	3.9	10	0.54 No	0.54 Unintentional Islanding
SCL312	140	'3992459_/_314298543_2'		2.8	10	10	5.208	10	10	0.54 No	0.54 Unintentional Islanding
SCL312	141	'8870131_/_9186265'		3.4	10	10	5.208	4	10	0.54 No	0.54 Unintentional Islanding
SCL312	142	'7292441_/_8244332_1'		1.07	3.33	3.33	1.736	1.3	3.33	0.18 No	0.18 Unintentional Islanding
SCL312	143	'43425422_/_43425424'		2.9	10	10	5.208	8.9	10	0.54 No	0.54 Unintentional Islanding
SCL312	144	'3992378_/_3992547'		2.8	10	10	5.208	10	10	0.54 No	0.54 Unintentional Islanding
SCL312	145	'4036932_/_4036930'		3.4	10	10	5.208	10	10	0.54 No	0.54 Unintentional Islanding
SCL312	146	'3992533_/_3992637_1'		2.8	10	10	5.208	6.2	10	0.54 No	0.54 Unintentional Islanding
SCL312	147	'8555077_/_8555074'		1.17	3.33	3.33	1.736	1.2	3.33	0.18 No	0.18 Unintentional Islanding
SCL312	148	'394220395_/_394220372_2'		3.4	10	10	5.208	3.9	10	0.54 No	0.54 Unintentional Islanding
SCL312	149	'56629349_/_3992564'		2.7	10	10	5.208	10	10	0.54 No	0.54 Unintentional Islanding
SCL312	150	'43426888_/_43426890'		1.13	3.33	3.33	1.736	1.3	3.33	0.18 No	0.18 Unintentional Islanding
SCL312	151	'8446903_/_8765184'		1.17	3.33	3.33	1.736	1.3	3.33	0.18 No	0.18 Unintentional Islanding
SCL312	152	'3985373_/_3992581'		2.7	10	10	5.208	10	10	0.54 No	0.54 Unintentional Islanding
SCL312	153	'8870132_/_8870129'		3.4	10	10	5.208	4	10	0.54 No	0.54 Unintentional Islanding
SCL312	154	'56629342_/_3985371'		2.7	10	10	5.208	10	10	0.54 No	0.54 Unintentional Islanding
SCL312	155	'9089254_/_118819879_2'		3.4	10	10	5.208	2.4	10	0.54 No	0.54 Unintentional Islanding
SCL312	156	'3988124_/_3988121'		3.4	10	10	5.208	4.1	10	0.54 No	0.54 Unintentional Islanding
SCL312	157	'7929155_/_118820046_1'		1.13	3.33	3.33	1.736	0.8	3.33	0.18 No	0.18 Unintentional Islanding
SCL312	158	'7928817_/_7928814'		1.13	3.33	3.33	1.736	1.3	3.33	0.18 No	0.18 Unintentional Islanding
SCL312	159	'8544825_/_8544822_2'		3.4	10	10	5.208	3.9	10	0.54 No	0.54 Unintentional Islanding
SCL312	160	'4037091_/_4037089'		2.9	10	10	5.208	8.9	10	0.54 No	0.54 Unintentional Islanding
SCL312	161	'9185808_/_9185805'		2.27	6.67	6.67	3.472	2.67	6.67	0.36 No	0.36 Unintentional Islanding
SCL312	162	'9500213_/_9500210'		1.13	3.33	3.33	1.736	1.3	3.33	0.18 No	0.18 Unintentional Islanding
SCL312	163	'3992094_/_3992104'		1.17	3.33	3.33	1.736	1.3	3.33	0.18 No	0.18 Unintentional Islanding
SCL312	164	'4041540_/_4041589'		3.4	10	10	5.208	10	10	0.54 No	0.54 Unintentional Islanding
SCL312	165	'3985039_/_3985037'		2.9	10	10	5.208	10	10	0.54 No	0.54 Unintentional Islanding
SCL312	166	'7293985_/_9500122'		3.4	10	10	5.208	4	10	0.54 No	0.54 Unintentional Islanding
SCL312	167	'483235321_/_3992057'		3.4	10	10	5.208	4.1	10	0.54 No	0.54 Unintentional Islanding
SCL312	168	'4041322_/_4041537'		3.3	10	10	5.208	10	10	0.54 No	0.54 Unintentional Islanding
SCL312	169	'3985319_/_56629316'		2.6	10	10	5.208	10	10	0.54 No	0.54 Unintentional Islanding
SCL312	170	'358129335_/_4041319_2'		3.3	10	10	5.208	10	10	0.54 No	0.54 Unintentional Islanding
SCL312	171	'3992377_/_3992375'		0.93	3.33	3.33	1.736	3.33	3.33	0.18 No	0.18 Unintentional Islanding
SCL312	172	'7292674_/_7292671'		1.17	3.33	3.33	1.736	0.8	3.33	0.18 No	0.18 Unintentional Islanding
SCL312	173	'43428931_/_43428933'		0.93	3.33	3.33	1.736	2.9	3.33	0.18 No	0.18 Unintentional Islanding
SCL312	174	'4041321_/_4041319_1'		3.3	10	10	5.208	10	10	0.54 No	0.54 Unintentional Islanding
SCL312	175	'7930674_/_7930672_1'		1.03	3.33	3.33	1.736	1.3	3.33	0.18 No	0.18 Unintentional Islanding
SCL312	176	'3981598_/_3992637_2'		2.8	10	10	5.208	6.2	10	0.54 No	0.54 Unintentional Islanding
SCL312	177	'118820040_/_118820046_2'		1.13	3.33	3.33	1.736	0.8	3.33	0.18 No	0.18 Unintentional Islanding
SCL312	178	'4041376_/_4041373'		3.3	10	10	5.208	10	10	0.54 No	0.54 Unintentional Islanding
SCL312	179	'4041433_/_4041430_1'		3.3	10	10	5.208	5.1	10	0.54 No	0.54 Unintentional Islanding
SCL312	180	'4041395_/_4041430_2'		3.3	10	10	5.208	5.1	10	0.54 No	0.54 Unintentional Islanding
SCL312	181	'9186103_/_9187727_1'		0.93	3.33	3.33	1.736	0.8	3.33	0.18 No	0.18 Unintentional Islanding

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SCL312	182	'3985320_/_3985317'		2.6	10	10	5.208	10	10	0.54 No	0.54 Unintentional Islanding
SCL312	183	'3992060_/_483235325'		3.4	10	10	5.208	4.1	10	0.54 No	0.54 Unintentional Islanding
SCL312	184	'8870404_/_8870421_1'		3.4	10	10	5.208	2.4	10	0.54 No	0.54 Unintentional Islanding
SCL312	185	'394219173_/_394220421'		3.4	10	10	5.208	3.9	10	0.54 No	0.54 Unintentional Islanding
SCL312	186	'8870424_/_8870421_2'		3.4	10	10	5.208	2.4	10	0.54 No	0.54 Unintentional Islanding
SCL312	187	'8870548_/_8870545'		1.1	3.33	3.33	1.736	1.3	3.33	0.18 No	0.18 Unintentional Islanding
SCL312	188	'8870444_/_8870441'		3.4	10	10	5.208	2.4	10	0.54 No	0.54 Unintentional Islanding
SCL312	189	'3985340_/_3985337'		2.5	10	10	5.208	10	10	0.54 No	0.54 Unintentional Islanding
SCL312	190	'8870463_/_8870461'		3.4	10	10	5.208	2.4	10	0.54 No	0.54 Unintentional Islanding
SCL312	191	'7608078_/_7608075'		1.03	3.33	3.33	1.736	1.3	3.33	0.18 No	0.18 Unintentional Islanding
SCL312	192	'3985356_/_3985354'		2.5	10	10	5.208	10	10	0.54 No	0.54 Unintentional Islanding
SCL312	193	'8446902_/_8446900'		1.17	3.33	3.33	1.736	1.3	3.33	0.18 No	0.18 Unintentional Islanding
SCL312	194	'3985390_/_3985388'		2.5	10	10	5.208	10	10	0.54 No	0.54 Unintentional Islanding
SCL312	195	'4041643_/_4041674'		3.3	10	10	5.208	10	10	0.54 No	0.54 Unintentional Islanding
SCL312	196	'7292442_/_7292439'		1.07	3.33	3.33	1.736	1.3	3.33	0.18 No	0.18 Unintentional Islanding
SCL312	197	'3975333_/_3975331'		1.13	3.33	3.33	1.736	1.3	3.33	0.18 No	0.18 Unintentional Islanding
SCL312	198	'450952028_/_450952025'		3.3	10	10	5.208	10	10	0.54 No	0.54 Unintentional Islanding
SCL312	199	'3980455_/_4041554'		3.4	10	10	5.208	3.9	10	0.54 No	0.54 Unintentional Islanding
SCL312	200	'3985421_/_3985418'		2.5	10	10	5.208	10	10	0.54 No	0.54 Unintentional Islanding
SCL312	201	'3992458_/_3992456'		0.93	3.33	3.33	1.736	1.2	3.33	0.18 No	0.18 Unintentional Islanding
SCL312	202	'3992093_/_3992091'		1.17	3.33	3.33	1.736	1.3	3.33	0.18 No	0.18 Unintentional Islanding
SCL312	203	'3992046_/_43428804'		3.4	10	10	5.208	4.1	10	0.54 No	0.54 Unintentional Islanding
SCL312	204	'3981599_/_3981596'		2.8	10	10	5.208	6.2	10	0.54 No	0.54 Unintentional Islanding
SCL312	205	'155936089_/_155936040_1'		3.4	10	10	5.208	2.4	10	0.54 No	0.54 Unintentional Islanding
SCL312	206	'8870564_/_8870561'		1.17	3.33	3.33	1.736	1.2	3.33	0.18 No	0.18 Unintentional Islanding
SCL312	207	'3985438_/_3985452'		2.4	10	10	5.208	10	10	0.54 No	0.54 Unintentional Islanding
SCL312	208	'9187730_/_9187727_2'		0.93	3.33	3.33	1.736	0.8	3.33	0.18 No	0.18 Unintentional Islanding
SCL312	209	'7928989_/_50967606_2'		0.8	3.33	3.33	1.736	3.33	3.33	0.18 No	0.18 Unintentional Islanding
SCL312	210	'391595639_/_394325908'		1.13	3.33	3.33	1.736	1.3	3.33	0.18 No	0.18 Unintentional Islanding
SCL312	211	'8243875_/_9500290_1'		0.8	3.33	3.33	1.736	1.3	3.33	0.18 No	0.18 Unintentional Islanding
SCL312	212	'7293965_/_7293983'		3.4	10	10	5.208	4	10	0.54 No	0.54 Unintentional Islanding
SCL312	213	'8448342_/_9712104_1'		3.4	10	10	5.208	2.4	10	0.54 No	0.54 Unintentional Islanding
SCL312	214	'7507143_/_7507140'		2.27	6.67	6.67	3.472	1.6	6.67	0.36 No	0.36 Unintentional Islanding
SCL312	215	'7507142_/_9712104_2'		3.4	10	10	5.208	2.4	10	0.54 No	0.54 Unintentional Islanding
SCL312	216	'357424637_/_3980468'		3.4	10	10	5.208	3.9	10	0.54 No	0.54 Unintentional Islanding
SCL312	217	'7292190_/_7293963'		3.4	10	10	5.208	4	10	0.54 No	0.54 Unintentional Islanding
SCL312	218	'394220504_/_394220465'		1.13	3.33	3.33	1.736	1.3	3.33	0.18 No	0.18 Unintentional Islanding
SCL312	219	'4047402_/_4047417'		2.4	10	10	5.208	10	10	0.54 No	0.54 Unintentional Islanding
SCL312	220	'3979941_/_4041640'		3.3	10	10	5.208	10	10	0.54 No	0.54 Unintentional Islanding
SCL312	221	'122701105_/_122701102'		3.4	10	10	5.208	4.1	10	0.54 No	0.54 Unintentional Islanding
SCL312	222	'4047382_/_4047400'		2.3	10	10	5.208	10	10	0.54 No	0.54 Unintentional Islanding
SCL312	223	'3980488_/_3980486'		3.4	10	10	5.208	3.9	10	0.54 No	0.54 Unintentional Islanding
SCL312	224	'7293042_/_7293039'		1.17	3.33	3.33	1.736	0.8	3.33	0.18 No	0.18 Unintentional Islanding
SCL312	225	'357424529_/_9500500'		3.4	10	10	5.208	3.9	10	0.54 No	0.54 Unintentional Islanding
SCL312	226	'50664202_/_3981613'		2.8	10	10	5.208	6.2	10	0.54 No	0.54 Unintentional Islanding
SCL312	227	'8448315_/_8448312'		3.4	10	10	5.208	2.4	10	0.54 No	0.54 Unintentional Islanding
SCL312	228	'43426841_/_394220502'		1.13	3.33	3.33	1.736	1.3	3.33	0.18 No	0.18 Unintentional Islanding
SCL312	229	'3984560_/_4047380'		2.3	10	10	5.208	10	10	0.54 No	0.54 Unintentional Islanding
SCL312	230	'7607801_/_7607799_2'		0.93	3.33	3.33	1.736	2.07	3.33	0.18 No	0.18 Unintentional Islanding
SCL312	231	'155936017_/_155936040_2'		3.4	10	10	5.208	2.4	10	0.54 No	0.54 Unintentional Islanding
SCL312	232	'7192436_/_7192454'		3.4	10	10	5.208	3.9	10	0.54 No	0.54 Unintentional Islanding
SCL312	233	'9186055_/_9186053'		0.93	3.33	3.33	1.736	1.2	3.33	0.18 No	0.18 Unintentional Islanding
SCL312	234	'7292490_/_7292487'		1.07	3.33	3.33	1.736	1.3	3.33	0.18 No	0.18 Unintentional Islanding
SCL312	235	'43425618_/_43425620'		1.17	3.33	3.33	1.736	1.3	3.33	0.18 No	0.18 Unintentional Islanding
SCL312	236	'3984561_/_3984558'		2.3	10	10	5.208	10	10	0.54 No	0.54 Unintentional Islanding
SCL312	237	'155936060_/_155936069'		3.4	10	10	5.208	2.4	10	0.54 No	0.54 Unintentional Islanding
SCL312	238	'394220629_/_394220626'		1.13	3.33	3.33	1.736	1.3	3.33	0.18 No	0.18 Unintentional Islanding
SCL312	239	'8869905_/_9500290_2'		0.8	3.33	3.33	1.736	1.3	3.33	0.18 No	0.18 Unintentional Islanding
SCL312	240	'3979940_/_3979938'		3.3	10	10	5.208	10	10	0.54 No	0.54 Unintentional Islanding
SCL312	241	'50967629_/_50967606_1'		0.8	3.33	3.33	1.736	1.3	3.33	0.18 No	0.18 Unintentional Islanding
SCL312	242	'9500145_/_9500142'		1.17	3.33	3.33	1.736	1.33	3.33	0.18 No	0.18 Unintentional Islanding
SCL312	243	'3984578_/_3984575'		2.2	10	10	5.208	10	10	0.54 No	0.54 Unintentional Islanding
SCL312	244	'7929303_/_8556078'		1.03	3.33	3.33	1.736	1.3	3.33	0.18 No	0.18 Unintentional Islanding
SCL312	245	'125295031_/_122701175'		3.4	10	10	5.208	4.1	10	0.54 No	0.54 Unintentional Islanding
SCL312	246	'43427765_/_125295053'		3.4	10	10	5.208	4.1	10	0.54 No	0.54 Unintentional Islanding
SCL312	247	'7292189_/_7292187'		3.4	10	10	5.208	4	10	0.54 No	0.54 Unintentional Islanding
SCL312	248	'118493372_/_118493305_1'		3.4	10	10	5.208	2.4	10	0.54 No	0.54 Unintentional Islanding
SCL312	249	'7139661_/_7139678'		3.3	10	10	5.208	10	10	0.54 No	0.54 Unintentional Islanding
SCL312	250	'7608753_/_7608751'		1.17	3.33	3.33	1.736	0.8	3.33	0.18 No	0.18 Unintentional Islanding
SCL312	251	'8556097_/_8556094'		1.17	3.33	3.33	1.736	1.3	3.33	0.18 No	0.18 Unintentional Islanding
SCL312	252	'9062524_/_9690264_1'		3.3	10	10	5.208	4.1	10	0.54 No	0.54 Unintentional Islanding
SCL312	253	'118493276_/_118493305_2'		3.4	10	10	5.208	2.4	10	0.54 No	0.54 Unintentional Islanding
SCL312	254	'45340934_/_3996491'		1.17	3.33	3.33	1.736	1.3	3.33	0.18 No	0.18 Unintentional Islanding
SCL312	255	'8869906_/_8869903'		0.8	3.33	3.33	1.736	1.3	3.33	0.18 No	0.18 Unintentional Islanding
SCL312	256	'9187072_/_9187069'		3.4	10	10	5.208	4	10	0.54 No	0.54 Unintentional Islanding
SCL312	257	'88201667_/_388166455'		3.4	10	10	5.208	3.9	10	0.54 No	0.54 Unintentional Islanding
SCL312	258	'394220653_/_394220651'		1.13	3.33	3.33	1.736	1.3	3.33	0.18 No	0.18 Unintentional Islanding
SCL312	259	'3984595_/_3984592'		2.2	10	10	5.208	10	10	0.54 No	0.54 Unintentional Islanding
SCL312	260	'43427173_/_4030929'		2.8	10	10	5.208	6.2	10	0.54 No	0.54 Unintentional Islanding
SCL312	261	'9185788_/_9502186'		3.4	10	10	5.208	4	10	0.54 No	0.54 Unintentional Islanding
SCL312	262	'118820361_/_118820275_1'		1.13	3.33	3.33	1.736	0.3	3.33	0.18 No	0.18 Unintentional Islanding
SCL312	263	'9188366_/_9188363_2'		0.73	3.33	3.33	1.736	3.33	3.33	0.18 No	0.18 Unintentional Islanding
SCL312	264	'50768613_/_9186023_2'		0.73	3.33	3.33	1.736	3.33	3.33	0.18 No	0.18 Unintentional Islanding
SCL312	265	'388165833_/_388165674'		3.4	10	10	5.208	3.9	10	0.54 No	0.54 Unintentional Islanding
SCL312	266	'7608142_/_9500756'		1.03	3.33	3.33	1.736	1.3	3.33	0.18 No	0.18 Unintentional Islanding
SCL312	267	'3984612_/_3984609'		2.2	10	10	5.208	10	10	0.53 No	0.53 Unintentional Islanding
SCL312	268	'7607802_/_7607799_1'		0.93	3.33	3.33	1.736	0.8	3.33	0.18 No	0.18 Unintentional Islanding
SCL312	269	'3980543_/_43426854'		1.13	3.33	3.33	1.736	1.3	3.33	0.18 No	0.18 Unintentional Islanding
SCL312	270	'118493378_/_118493387'		3.4	10	10	5.208	2.4	10	0.54 No	0.54 Unintentional Islanding
SCL312	271	'3981003_/_7139658'		3.3	10	10	5.208	10	10	0.54 No	0.54 Unintentional Islanding
SCL312	272	'118820309_/_118820275_2'		1.13	3.33	3.33	1.736	0.3	3.33	0.18 No	0.18 Unintentional Islanding
SCL312	273	'3984629_/_3984626'		2.1	10	10	5.208	10	10	0.53 No	0.53 Unintentional Islanding
SCL312	274	'7928988_/_7928986'		0.8	3.33	3.33	1.736	1.3	3.33	0.18 No	0.18 Unintentional Islanding
SCL312	275	'9186042_/_9188333_2'		0.7	3.33	3.33	1.736	3.33	3.33	0.18 No	0.18 Unintentional Islanding

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SCL312	276	'4010310_/_388165728'	3.4	10	10	5.208	3.9	10	0.54 No	0.54	Unintentional Islanding
SCL312	277	'39236383_/_44093949'	3.4	10	10	5.208	4	10	0.54 No	0.54	Unintentional Islanding
SCL312	278	'40669952_/_9690264_2'	3.3	10	10	5.208	4.1	10	0.54 No	0.54	Unintentional Islanding
SCL312	279	'4030895_/_4030892'	2.1	10	10	5.208	10	10	0.53 No	0.53	Unintentional Islanding
SCL312	280	'8869922_/_8869919'	0.8	3.33	3.33	1.736	1.3	3.33	0.18 No	0.18	Unintentional Islanding
SCL312	281	'43421098_/_388165761'	3.4	10	10	5.208	3.9	10	0.54 No	0.54	Unintentional Islanding
SCL312	282	'396434588_/_396434502_1'	3.4	10	10	5.208	2.4	10	0.54 No	0.54	Unintentional Islanding
SCL312	283	'3981002_/_3981000'	3.3	10	10	5.208	10	10	0.54 No	0.54	Unintentional Islanding
SCL312	284	'3984494_/_4030909'	2.1	10	10	5.208	10	10	0.53 No	0.53	Unintentional Islanding
SCL312	285	'3981020_/_3981034'	3.3	10	10	5.208	10	10	0.54 No	0.54	Unintentional Islanding
SCL312	286	'396434483_/_396434502_2'	3.4	10	10	5.208	2.4	10	0.54 No	0.54	Unintentional Islanding
SCL312	287	'7608125_/_8556110'	1.17	3.33	3.33	1.736	0.8	3.33	0.18 No	0.18	Unintentional Islanding
SCL312	288	'7130343_/_43427175'	2.8	10	10	5.208	6.2	10	0.54 No	0.54	Unintentional Islanding
SCL312	289	'4030985_/_7130360'	2.8	10	10	5.208	6.2	10	0.54 No	0.54	Unintentional Islanding
SCL312	290	'43433789_/_43433791'	2.8	10	10	5.208	6.2	10	0.54 No	0.54	Unintentional Islanding
SCL312	291	'7139154_/_43430246_2'	2.8	10	10	5.208	6.2	10	0.54 No	0.54	Unintentional Islanding
SCL312	292	'412152061_/_4030983_1'	2.8	10	10	5.208	3.9	10	0.54 No	0.54	Unintentional Islanding
SCL312	293	'9185978_/_9186023_1'	0.73	3.33	3.33	1.736	1.3	3.33	0.18 No	0.18	Unintentional Islanding
SCL312	294	'4030948_/_4030983_2'	2.8	10	10	5.208	3.9	10	0.54 No	0.54	Unintentional Islanding
SCL312	295	'3980878_/_3981017'	3.3	10	10	5.208	10	10	0.54 No	0.54	Unintentional Islanding
SCL312	296	'3984473_/_3984491'	2	10	10	5.208	10	10	0.53 No	0.53	Unintentional Islanding
SCL312	297	'396434594_/_396434659'	3.4	10	10	5.208	2.4	10	0.54 No	0.54	Unintentional Islanding
SCL312	298	'43430242_/_43430246_1'	2.8	10	10	5.208	4	10	0.54 No	0.54	Unintentional Islanding
SCL312	299	'54376152_/_7139037'	2.8	10	10	5.208	6.2	10	0.54 No	0.54	Unintentional Islanding
SCL312	300	'7608141_/_7608139'	1.03	3.33	3.33	1.736	1.3	3.33	0.18 No	0.18	Unintentional Islanding
SCL312	301	'3980861_/_3980875'	3.3	10	10	5.208	10	10	0.54 No	0.54	Unintentional Islanding
SCL312	302	'8869246_/_9185785'	3.4	10	10	5.208	4	10	0.54 No	0.54	Unintentional Islanding
SCL312	303	'7931223_/_7931220_2'	0.67	3.33	3.33	1.736	3.33	3.33	0.18 No	0.18	Unintentional Islanding
SCL312	304	'4031006_/_4031020'	2.8	10	10	5.208	6.2	10	0.54 No	0.54	Unintentional Islanding
SCL312	305	'8448343_/_8448340'	1.17	3.33	3.33	1.736	0.8	3.33	0.18 No	0.18	Unintentional Islanding
SCL312	306	'8555392_/_8555390'	0.8	3.33	3.33	1.736	1.3	3.33	0.18 No	0.18	Unintentional Islanding
SCL312	307	'7291963_/_7291961_1'	0.67	3.33	3.33	1.736	1.3	3.33	0.18 No	0.18	Unintentional Islanding
SCL312	308	'4039097_/_4039095'	2.8	10	10	5.208	6.2	10	0.54 No	0.54	Unintentional Islanding
SCL312	309	'3984474_/_3984471'	2	10	10	5.208	10	10	0.53 No	0.53	Unintentional Islanding
SCL312	310	'43427186_/_4030946'	2.8	10	10	5.208	3.9	10	0.54 No	0.54	Unintentional Islanding
SCL312	311	'433661817_/_426720624'	3.4	10	10	5.208	2.4	10	0.54 No	0.54	Unintentional Islanding
SCL312	312	'8555347_/_9188333_1'	0.7	3.33	3.33	1.736	1.2	3.33	0.18 No	0.18	Unintentional Islanding
SCL312	313	'4037072_/_4039112'	2.8	10	10	5.208	6.2	10	0.54 No	0.54	Unintentional Islanding
SCL312	314	'9379181_/_44101181'	3.3	10	10	5.208	4.1	10	0.54 No	0.54	Unintentional Islanding
SCL312	315	'3980860_/_3980858'	3.3	10	10	5.208	10	10	0.54 No	0.54	Unintentional Islanding
SCL312	316	'7929287_/_7929300'	1.03	3.33	3.33	1.736	1.3	3.33	0.18 No	0.18	Unintentional Islanding
SCL312	317	'4037071_/_4037069'	2.8	10	10	5.208	6.2	10	0.54 No	0.54	Unintentional Islanding
SCL312	318	'477382407_/_477382433'	0.8	3.33	3.33	1.736	1.3	3.33	0.18 No	0.18	Unintentional Islanding
SCL312	319	'3980915_/_3980929'	3.3	10	10	5.208	10	10	0.54 No	0.54	Unintentional Islanding
SCL312	320	'54376753_/_4039079_2'	0.93	3.33	3.33	1.736	2.07	3.33	0.18 No	0.18	Unintentional Islanding
SCL312	321	'8555267_/_9379178'	3.3	10	10	5.208	4.1	10	0.54 No	0.54	Unintentional Islanding
SCL312	322	'44055452_/_44055456'	2.8	10	10	5.208	4	10	0.54 No	0.54	Unintentional Islanding
SCL312	323	'3713918_/_7124285'	2	10	10	5.208	10	10	0.53 No	0.53	Unintentional Islanding
SCL312	324	'7130554_/_44055469_2'	2.8	10	10	5.208	4	10	0.54 No	0.54	Unintentional Islanding
SCL312	325	'4039048_/_4039045'	2.8	10	10	5.208	6.2	10	0.54 No	0.54	Unintentional Islanding
SCL312	326	'3980844_/_3980912'	3.3	10	10	5.208	10	10	0.53 No	0.53	Unintentional Islanding
SCL312	327	'4038788_/_4039062'	2.8	10	10	5.208	6.2	10	0.54 No	0.54	Unintentional Islanding
SCL312	328	'7273492_/_9480080_1'	2	10	10	5.208	3.8	10	0.53 No	0.53	Unintentional Islanding
SCL312	329	'54376821_/_54376711_1'	2.8	10	10	5.208	2.3	10	0.54 No	0.54	Unintentional Islanding
SCL312	330	'44055467_/_44055469_1'	2.8	10	10	5.208	4	10	0.54 No	0.54	Unintentional Islanding
SCL312	331	'7130555_/_7130552'	0.93	3.33	3.33	1.736	1.33	3.33	0.18 No	0.18	Unintentional Islanding
SCL312	332	'3979386_/_3980841'	3.2	10	10	5.208	10	10	0.53 No	0.53	Unintentional Islanding
SCL312	333	'43427307_/_4038786'	2.8	10	10	5.208	6.2	10	0.54 No	0.54	Unintentional Islanding
SCL312	334	'3713884_/_3713916'	2	10	10	5.208	10	10	0.53 No	0.53	Unintentional Islanding
SCL312	335	'44064163_/_44064167'	2.8	10	10	5.208	4	10	0.54 No	0.54	Unintentional Islanding
SCL312	336	'8432380_/_44055484_2'	2.8	10	10	5.208	4	10	0.54 No	0.54	Unintentional Islanding
SCL312	337	'4038771_/_43427309'	2.8	10	10	5.208	6.2	10	0.54 No	0.54	Unintentional Islanding
SCL312	338	'8432381_/_8432398_1'	0.93	3.33	3.33	1.736	0.8	3.33	0.18 No	0.18	Unintentional Islanding
SCL312	339	'54376714_/_54376711_2'	2.8	10	10	5.208	2.3	10	0.54 No	0.54	Unintentional Islanding
SCL312	340	'44055482_/_44055484_1'	2.8	10	10	5.208	4	10	0.54 No	0.54	Unintentional Islanding
SCL312	341	'43369968_/_3713882'	1.9	10	10	5.208	10	10	0.53 No	0.53	Unintentional Islanding
SCL312	342	'7931222_/_7931220_1'	0.67	3.33	3.33	1.736	1.2	3.33	0.18 No	0.18	Unintentional Islanding
SCL312	343	'7609846_/_9188363_1'	0.73	3.33	3.33	1.736	1.3	3.33	0.18 No	0.18	Unintentional Islanding
SCL312	344	'43427199_/_43427188'	2.8	10	10	5.208	3.9	10	0.54 No	0.54	Unintentional Islanding
SCL312	345	'4037059_/_4039079_1'	0.93	3.33	3.33	1.736	0.7	3.33	0.18 No	0.18	Unintentional Islanding
SCL312	346	'3713885_/_43369970'	1.9	10	10	5.208	10	10	0.53 No	0.53	Unintentional Islanding
SCL312	347	'440836387_/_7608123_1'	0.07	0.13	3.33	1.736	0.3	3.33	0.18 No	0.07	Primary Over-Voltage
SCL312	348	'4015120_/_7141628'	2.8	10	10	5.208	4	10	0.53 No	0.53	Unintentional Islanding
SCL312	349	'8870500_/_8870497'	1.03	3.33	3.33	1.736	1.3	3.33	0.18 No	0.18	Unintentional Islanding
SCL312	350	'9186758_/_9186755'	1.17	3.33	3.33	1.736	1.3	3.33	0.18 No	0.18	Unintentional Islanding
SCL312	351	'372951142_/_4014813_1'	0.93	3.33	3.33	1.736	0.8	3.33	0.18 No	0.18	Unintentional Islanding
SCL312	352	'3979385_/_3979383'	3.2	10	10	5.208	10	10	0.53 No	0.53	Unintentional Islanding
SCL312	353	'3713902_/_3713899'	1.9	10	10	5.208	10	10	0.53 No	0.53	Unintentional Islanding
SCL312	354	'372951149_/_4014813_2'	0.93	3.33	3.33	1.736	0.8	3.33	0.18 No	0.18	Unintentional Islanding
SCL312	355	'7607754_/_9185975'	0.73	3.33	3.33	1.736	1.3	3.33	0.18 No	0.18	Unintentional Islanding
SCL312	356	'7291964_/_7291961_2'	0.67	3.33	3.33	1.736	1.3	3.33	0.18 No	0.18	Unintentional Islanding
SCL312	357	'8231886_/_8555264'	3.3	10	10	5.208	4.1	10	0.53 No	0.53	Unintentional Islanding
SCL312	358	'3713949_/_3713946'	1.9	10	10	5.208	10	10	0.53 No	0.53	Unintentional Islanding
SCL312	359	'53144369_/_7130568'	0.93	3.33	3.33	1.736	0.8	3.33	0.18 No	0.18	Unintentional Islanding
SCL312	360	'7608110_/_7929284'	1.03	3.33	3.33	1.736	1.3	3.33	0.18 No	0.18	Unintentional Islanding
SCL312	361	'8243793_/_8555344'	0.7	3.33	3.33	1.736	1.2	3.33	0.18 No	0.18	Unintentional Islanding
SCL312	362	'3981632_/_43427201'	2.8	10	10	5.208	3.9	10	0.54 No	0.54	Unintentional Islanding
SCL312	363	'43430229_/_4015118'	2.8	10	10	5.208	4	10	0.53 No	0.53	Unintentional Islanding
SCL312	364	'3717233_/_3717230'	1.8	10	10	5.208	10	10	0.53 No	0.53	Unintentional Islanding
SCL312	365	'8432401_/_8432398_2'	0.93	3.33	3.33	1.736	0.8	3.33	0.18 No	0.18	Unintentional Islanding
SCL312	366	'3979528_/_3979542'	3.2	10	10	5.208	10	10	0.53 No	0.53	Unintentional Islanding
SCL312	367	'54376146_/_4037056'	0.93	3.33	3.33	1.736	0.7	3.33	0.18 No	0.18	Unintentional Islanding
SCL312	368	'4014799_/_4014797'	0.93	3.33	3.33	1.736	0.8	3.33	0.18 No	0.18	Unintentional Islanding
SCL312	369	'3979511_/_3979525'	3.2	10	10	5.208	10	10	0.53 No	0.53	Unintentional Islanding

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SCL312	370	'3717250_/_3717247'	1.8	10	10	5.208	4.1	10	0.53 No	0.53	Unintentional Islanding
SCL312	371	'7928665_/_8231884'	3.3	10	10	5.208	10	10	0.53 No	0.53	Unintentional Islanding
SCL312	372	'43427212_/_3981630'	2.8	10	10	5.208	3.9	10	0.54 No	0.54	Unintentional Islanding
SCL312	373	'3979494_/_3979508'	3.2	10	10	5.208	10	10	0.53 No	0.53	Unintentional Islanding
SCL312	374	'8554126_/_9503774'	0.8	3.33	3.33	1.736	1.3	3.33	0.18 No	0.18	Unintentional Islanding
SCL312	375	'4015086_/_43430231'	2.8	10	10	5.208	4	10	0.53 No	0.53	Unintentional Islanding
SCL312	376	'3979477_/_3979491'	3.2	10	10	5.208	10	10	0.53 No	0.53	Unintentional Islanding
SCL312	377	'3985263_/_4014813_3'	0.93	3.33	3.33	1.736	0.8	3.33	0.18 No	0.18	Unintentional Islanding
SCL312	378	'3717267_/_3717264'	1.8	10	10	5.208	10	10	0.53 No	0.53	Unintentional Islanding
SCL312	379	'8243503_/_8869243'	3.4	10	10	5.208	4	10	0.54 No	0.54	Unintentional Islanding
SCL312	380	'8555361_/_8555374_1'	0.93	3.33	3.33	1.736	0.5	3.33	0.18 No	0.18	Unintentional Islanding
SCL312	381	'7189703_/_3979474_2'	3.2	10	10	5.208	10	10	0.53 No	0.53	Unintentional Islanding
SCL312	382	'3979476_/_3979474_1'	3.2	10	10	5.208	10	10	0.53 No	0.53	Unintentional Islanding
SCL312	383	'467237717_/_7189701_1'	3.2	10	10	5.208	3.8	10	0.53 No	0.53	Unintentional Islanding
SCL312	384	'7607738_/_7607735'	0.67	3.33	3.33	1.736	1.3	3.33	0.18 No	0.18	Unintentional Islanding
SCL312	385	'3981650_/_43427214'	2.8	10	10	5.208	3.9	10	0.54 No	0.54	Unintentional Islanding
SCL312	386	'3722470_/_3722467'	1.8	10	10	5.208	10	10	0.53 No	0.53	Unintentional Islanding
SCL312	387	'7608109_/_7608107'	1.03	3.33	3.33	1.736	1.3	3.33	0.18 No	0.18	Unintentional Islanding
SCL312	388	'51335001_/_3979683_2'	3.2	10	10	5.208	10	10	0.53 No	0.53	Unintentional Islanding
SCL312	389	'51334946_/_3979683_1'	3.2	10	10	5.208	10	10	0.53 No	0.53	Unintentional Islanding
SCL312	390	'3973223_/_3979746'	3.2	10	10	5.208	10	10	0.53 No	0.53	Unintentional Islanding
SCL312	391	'7607753_/_7607751'	0.73	3.33	3.33	1.736	1.3	3.33	0.18 No	0.18	Unintentional Islanding
SCL312	392	'3722504_/_3722501'	1.8	10	10	5.208	10	10	0.53 No	0.53	Unintentional Islanding
SCL312	393	'7189704_/_7189701_2'	3.2	10	10	5.208	3.8	10	0.53 No	0.53	Unintentional Islanding
SCL312	394	'467238089_/_9087635_1'	3.2	10	10	5.208	2.4	10	0.53 No	0.53	Unintentional Islanding
SCL312	395	'3972629_/_3973220'	3.2	10	10	5.208	10	10	0.53 No	0.53	Unintentional Islanding
SCL312	396	'241594799_/_8139339_1'	3.2	10	10	5.208	3.9	10	0.53 No	0.53	Unintentional Islanding
SCL312	397	'9480083_/_9480080_2'	2	10	10	5.208	3.8	10	0.53 No	0.53	Unintentional Islanding
SCL312	398	'51334992_/_51334998'	3.2	10	10	5.208	10	10	0.53 No	0.53	Unintentional Islanding
SCL312	399	'380549174_/_3722643_1'	1.7	10	10	5.208	10	10	0.53 No	0.53	Unintentional Islanding
SCL312	400	'383588465_/_3722643_2'	1.7	10	10	5.208	10	10	0.53 No	0.53	Unintentional Islanding
SCL312	401	'43430216_/_4015084'	2.8	10	10	5.208	4	10	0.53 No	0.53	Unintentional Islanding
SCL312	402	'8243792_/_531257332'	0.7	3.33	3.33	1.736	1.2	3.33	0.18 No	0.18	Unintentional Islanding
SCL312	403	'3972527_/_3972592'	3.2	10	10	5.208	10	10	0.53 No	0.53	Unintentional Islanding
SCL312	404	'51335166_/_51334969_2'	3.2	10	10	5.208	10	10	0.53 No	0.53	Unintentional Islanding
SCL312	405	'9185419_/_9185417_2'	3.2	10	10	5.208	10	10	0.53 No	0.53	Unintentional Islanding
SCL312	406	'383588459_/_3722589'	1.7	10	10	5.208	10	10	0.53 No	0.53	Unintentional Islanding
SCL312	407	'383588453_/_3722484'	1.7	10	10	5.208	10	10	0.53 No	0.53	Unintentional Islanding
SCL312	408	'43427225_/_3985519'	2.8	10	10	5.208	3.9	10	0.53 No	0.53	Unintentional Islanding
SCL312	409	'3972526_/_3972524'	3.2	10	10	5.208	10	10	0.53 No	0.53	Unintentional Islanding
SCL312	410	'7607602_/_7928662'	3.3	10	10	5.208	4.1	10	0.53 No	0.53	Unintentional Islanding
SCL312	411	'387652971_/_3722521_2'	1.7	10	10	5.208	10	10	0.53 No	0.53	Unintentional Islanding
SCL312	412	'8533250_/_8163669_2'	0.57	3.33	3.33	1.736	3.33	3.33	0.18 No	0.18	Unintentional Islanding
SCL312	413	'3722303_/_3722521_1'	1.7	10	10	5.208	10	10	0.53 No	0.53	Unintentional Islanding
SCL312	414	'7609845_/_7609843'	0.73	3.33	3.33	1.736	1.3	3.33	0.18 No	0.18	Unintentional Islanding
SCL312	415	'108477734_/_3722318_1'	1.7	10	10	5.208	10	10	0.53 No	0.53	Unintentional Islanding
SCL312	416	'467237750_/_467237747'	3.2	10	10	5.208	3.8	10	0.53 No	0.53	Unintentional Islanding
SCL312	417	'9087638_/_9087635_2'	3.2	10	10	5.208	2.4	10	0.53 No	0.53	Unintentional Islanding
SCL312	418	'7818818_/_8139319_2'	3.2	10	10	5.208	10	10	0.53 No	0.53	Unintentional Islanding
SCL312	419	'68312425_/_3972558'	3.2	10	10	5.208	10	10	0.53 No	0.53	Unintentional Islanding
SCL312	420	'4015019_/_43430218'	2.8	10	10	5.208	4	10	0.53 No	0.53	Unintentional Islanding
SCL312	421	'3722321_/_3722318_2'	1.7	10	10	5.208	10	10	0.53 No	0.53	Unintentional Islanding
SCL312	422	'3985264_/_3985261'	0.93	3.33	3.33	1.736	0.8	3.33	0.18 No	0.18	Unintentional Islanding
SCL312	423	'430193723_/_430193725'	3.2	10	10	5.208	10	10	0.53 No	0.53	Unintentional Islanding
SCL312	424	'3986005_/_3986022'	3.2	10	10	5.208	10	10	0.53 No	0.53	Unintentional Islanding
SCL312	425	'52554666_/_8139339_2'	3.2	10	10	5.208	3.9	10	0.53 No	0.53	Unintentional Islanding
SCL312	426	'3723541_/_3723538'	1.7	10	10	5.208	10	10	0.53 No	0.53	Unintentional Islanding
SCL312	427	'7291379_/_8243500'	3.4	10	10	5.208	4	10	0.53 No	0.53	Unintentional Islanding
SCL312	428	'3972473_/_3986002'	3.2	10	10	5.208	10	10	0.53 No	0.53	Unintentional Islanding
SCL312	429	'4014993_/_4015054'	0.93	3.33	3.33	1.736	1.33	3.33	0.18 No	0.18	Unintentional Islanding
SCL312	430	'3985484_/_43427227'	2.8	10	10	5.208	3.9	10	0.53 No	0.53	Unintentional Islanding
SCL312	431	'3723521_/_3723761'	1.7	10	10	5.208	10	10	0.53 No	0.53	Unintentional Islanding
SCL312	432	'49932866_/_4014991_1'	0.93	3.33	3.33	1.736	0.4	3.33	0.18 No	0.18	Unintentional Islanding
SCL312	433	'3972453_/_3972470'	3.2	10	10	5.208	10	10	0.53 No	0.53	Unintentional Islanding
SCL312	434	'7507634_/_52554697'	3.2	10	10	5.208	3.9	10	0.53 No	0.53	Unintentional Islanding
SCL312	435	'7929271_/_9500788'	1.17	3.33	3.33	1.736	1.3	3.33	0.18 No	0.18	Unintentional Islanding
SCL312	436	'52554739_/_52554741'	3.2	10	10	5.208	3.9	10	0.53 No	0.53	Unintentional Islanding
SCL312	437	'7929203_/_8555374_2'	0.93	3.33	3.33	1.736	0.5	3.33	0.18 No	0.18	Unintentional Islanding
SCL312	438	'3972388_/_3972450'	3.2	10	10	5.208	10	10	0.53 No	0.53	Unintentional Islanding
SCL312	439	'3979703_/_467237766'	3.2	10	10	5.208	3.8	10	0.53 No	0.53	Unintentional Islanding
SCL312	440	'8243823_/_8243820'	0.67	3.33	3.33	1.736	1.3	3.33	0.18 No	0.18	Unintentional Islanding
SCL312	441	'4015006_/_4015017'	2.8	10	10	5.208	4	10	0.53 No	0.53	Unintentional Islanding
SCL312	442	'467237917_/_467237793'	3.2	10	10	5.208	3.8	10	0.53 No	0.53	Unintentional Islanding
SCL312	443	'3972371_/_3972385'	3.1	10	10	5.208	10	10	0.53 No	0.53	Unintentional Islanding
SCL312	444	'9695137_/_9695134'	0.93	3.33	3.33	1.736	0.8	3.33	0.18 No	0.18	Unintentional Islanding
SCL312	445	'3985277_/_3985274'	0.93	3.33	3.33	1.736	0.8	3.33	0.18 No	0.18	Unintentional Islanding
SCL312	446	'7931277_/_8554124'	0.8	3.33	3.33	1.736	1.3	3.33	0.18 No	0.18	Unintentional Islanding
SCL312	447	'3972354_/_3972368'	3.1	10	10	5.208	10	10	0.53 No	0.53	Unintentional Islanding
SCL312	448	'3981546_/_3985482'	2.8	10	10	5.208	3.9	10	0.53 No	0.53	Unintentional Islanding
SCL312	449	'445768810_/_7502690_2'	3.1	10	10	5.208	10	10	0.53 No	0.53	Unintentional Islanding
SCL312	450	'3972353_/_3972351'	3.1	10	10	5.208	10	10	0.53 No	0.53	Unintentional Islanding
SCL312	451	'7607354_/_9185417_1'	3.2	10	10	5.208	4.2	10	0.53 No	0.53	Unintentional Islanding
SCL312	452	'4014980_/_4014991_2'	0.93	3.33	3.33	1.736	0.4	3.33	0.18 No	0.18	Unintentional Islanding
SCL312	453	'3972404_/_3972402'	3.1	10	10	5.208	10	10	0.53 No	0.53	Unintentional Islanding
SCL312	454	'3985290_/_3985287'	0.93	3.33	3.33	1.736	0.8	3.33	0.18 No	0.18	Unintentional Islanding
SCL312	455	'3972936_/_3972933'	3.1	10	10	5.208	10	10	0.53 No	0.53	Unintentional Islanding
SCL312	456	'7502693_/_7502690_1'	3.1	10	10	5.208	3.9	10	0.53 No	0.53	Unintentional Islanding
SCL312	457	'8163672_/_8163669_1'	0.57	3.33	3.33	1.736	1.3	3.33	0.18 No	0.18	Unintentional Islanding
SCL312	458	'3972805_/_3972950'	3.1	10	10	5.208	10	10	0.53 No	0.53	Unintentional Islanding
SCL312	459	'49806455_/_4016730_2'	3.1	10	10	5.208	10	10	0.53 No	0.53	Unintentional Islanding
SCL312	460	'4016716_/_4016730_1'	3.1	10	10	5.208	10	10	0.53 No	0.53	Unintentional Islanding
SCL312	461	'49806464_/_7608711_2'	3.1	10	10	5.208	10	10	0.53 No	0.53	Unintentional Islanding
SCL312	462	'7291996_/_7928938'	0.73	3.33	3.33	1.736	1.3	3.33	0.18 No	0.18	Unintentional Islanding
SCL312	463	'3972788_/_3972802'	3.1	10	10	5.208	10	10	0.53 No	0.53	Unintentional Islanding

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
											VSR (MW)	Limiting Threshold
SCL312	464	'4016105_/_4016713'		3.1	10	10	5.208	10	10	0.53 No	0.53	Unintentional Islanding
SCL312	465	'8139322_/_8139319_1'		3.2	10	10	5.208	4	10	0.53 No	0.53	Unintentional Islanding
SCL312	466	'467237810_/_467237948'		3.2	10	10	5.208	3.8	10	0.53 No	0.53	Unintentional Islanding
SCL312	467	'152189423_/_152189383_1'		3.1	10	10	5.208	3.9	10	0.53 No	0.53	Unintentional Islanding
SCL312	468	'3972771_/_3972785'		3.1	10	10	5.208	10	10	0.53 No	0.53	Unintentional Islanding
SCL312	469	'347300862_/_3972768_2'		3.1	10	10	5.208	10	10	0.53 No	0.53	Unintentional Islanding
SCL312	470	'4016104_/_4016102'		3.1	10	10	5.208	10	10	0.53 No	0.53	Unintentional Islanding
SCL312	471	'43427116_/_3981544'		0.93	3.33	3.33	1.736	1.3	3.33	0.18 No	0.18	Unintentional Islanding
SCL312	472	'7608714_/_7608711_1'		3.1	10	10	5.208	3.9	10	0.53 No	0.53	Unintentional Islanding
SCL312	473	'3723504_/_3723518'		1.6	10	10	5.208	10	10	0.53 No	0.53	Unintentional Islanding
SCL312	474	'43430194_/_4015004'		0.93	3.33	3.33	1.736	1.33	3.33	0.18 No	0.18	Unintentional Islanding
SCL312	475	'4014981_/_4014978'		0.93	3.33	3.33	1.736	0.4	3.33	0.18 No	0.18	Unintentional Islanding
SCL312	476	'51697588_/_3972768_1'		3.1	10	10	5.208	10	10	0.53 No	0.53	Unintentional Islanding
SCL312	477	'49932593_/_7589717_2'		0.53	3.33	3.33	1.736	3.33	3.33	0.18 No	0.18	Unintentional Islanding
SCL312	478	'8243603_/_8243600'		3.2	10	10	5.208	4	10	0.53 No	0.53	Unintentional Islanding
SCL312	479	'9502249_/_9502246'		3.1	10	10	5.208	3.9	10	0.53 No	0.53	Unintentional Islanding
SCL312	480	'4016263_/_4016261'		3.1	10	10	5.208	10	10	0.53 No	0.53	Unintentional Islanding
SCL312	481	'7274137_/_8223660'		1.13	6.67	6.67	3.472	2.6	6.67	0.35 No	0.35	Unintentional Islanding
SCL312	482	'7931293_/_9188347'		0.73	3.33	3.33	1.736	1.3	3.33	0.18 No	0.18	Unintentional Islanding
SCL312	483	'51334962_/_51334969_1'		3.2	10	10	5.208	4.1	10	0.53 No	0.53	Unintentional Islanding
SCL312	484	'9083582_/_9717464_1'		3.1	10	10	5.208	4.5	10	0.53 No	0.53	Unintentional Islanding
SCL312	485	'51697580_/_3972751'		3.1	10	10	5.208	10	10	0.53 No	0.53	Unintentional Islanding
SCL312	486	'43427127_/_3985499'		2.8	10	10	5.208	3.9	10	0.53 No	0.53	Unintentional Islanding
SCL312	487	'4016089_/_4016086'		1.03	3.33	3.33	1.736	3.33	3.33	0.18 No	0.18	Unintentional Islanding
SCL312	488	'7292457_/_7929268'		1.17	3.33	3.33	1.736	1.3	3.33	0.18 No	0.18	Unintentional Islanding
SCL312	489	'3981521_/_3981531_1'		0.93	3.33	3.33	1.736	0.8	3.33	0.18 No	0.18	Unintentional Islanding
SCL312	490	'9187026_/_9187039'		0.7	3.33	3.33	1.736	1.2	3.33	0.18 No	0.18	Unintentional Islanding
SCL312	491	'51697257_/_7189812'		3.1	10	10	5.208	10	10	0.53 No	0.53	Unintentional Islanding
SCL312	492	'4038388_/_4038386'		0.93	3.33	3.33	1.736	0.8	3.33	0.18 No	0.18	Unintentional Islanding
SCL312	493	'3722001_/_3723501'		1.6	10	10	5.208	10	10	0.53 No	0.53	Unintentional Islanding
SCL312	494	'51697186_/_51697183'		3.1	10	10	5.208	10	10	0.53 No	0.53	Unintentional Islanding
SCL312	495	'7291380_/_7607599'		3.3	10	10	5.208	4.1	10	0.53 No	0.53	Unintentional Islanding
SCL312	496	'152189365_/_152189383_2'		3.1	10	10	5.208	3.9	10	0.53 No	0.53	Unintentional Islanding
SCL312	497	'8555582_/_9186191'		3.2	10	10	5.208	4	10	0.53 No	0.53	Unintentional Islanding
SCL312	498	'9057207_/_465679346'		0.67	3.33	3.33	1.736	1.3	3.33	0.18 No	0.18	Unintentional Islanding
SCL312	499	'73295454_/_69614169_2'		0.53	3.33	3.33	1.736	3.33	3.33	0.18 No	0.18	Unintentional Islanding
SCL312	500	'72478859_/_72478857'		3.1	10	10	5.208	10	10	0.53 No	0.53	Unintentional Islanding
SCL312	501	'241318988_/_239351808_1'		3.1	10	10	5.208	3.8	10	0.53 No	0.53	Unintentional Islanding
SCL312	502	'3981507_/_3981531_2'		0.93	3.33	3.33	1.736	0.8	3.33	0.18 No	0.18	Unintentional Islanding
SCL312	503	'40330520_/_7291377_1'		3.4	10	10	5.208	4	10	0.53 No	0.53	Unintentional Islanding
SCL312	504	'51697165_/_51697162'		3.1	10	10	5.208	10	10	0.53 No	0.53	Unintentional Islanding
SCL312	505	'7908724_/_8533342_1'		0.5	2.87	3.33	1.736	1.2	3.33	0.18 No	0.18	Unintentional Islanding
SCL312	506	'43425525_/_3985405'		0.93	3.33	3.33	1.736	0.8	3.33	0.18 No	0.18	Unintentional Islanding
SCL312	507	'7589720_/_7589717_1'		0.53	3.33	3.33	1.736	1.2	3.33	0.18 No	0.18	Unintentional Islanding
SCL312	508	'51335030_/_51335037'		3.2	10	10	5.208	4.1	10	0.53 No	0.53	Unintentional Islanding
SCL312	509	'51697142_/_51697139'		3.1	10	10	5.208	10	10	0.53 No	0.53	Unintentional Islanding
SCL312	510	'230541276_/_212005833'		3.1	10	10	5.208	10	10	0.53 No	0.53	Unintentional Islanding
SCL312	511	'43430205_/_43430196'		0.93	3.33	3.33	1.736	1.33	3.33	0.18 No	0.18	Unintentional Islanding
SCL312	512	'43369899_/_3721999'		1.6	10	10	5.208	10	10	0.53 No	0.53	Unintentional Islanding
SCL312	513	'239351811_/_239351808_2'		3.1	10	10	5.208	3.8	10	0.53 No	0.53	Unintentional Islanding
SCL312	514	'152189443_/_152189452'		3.1	10	10	5.208	3.9	10	0.53 No	0.53	Unintentional Islanding
SCL312	515	'157675946_/_212005765'		3.1	10	10	5.208	10	10	0.53 No	0.53	Unintentional Islanding
SCL312	516	'156588419_/_9717464_2'		3.1	10	10	5.208	4.5	10	0.53 No	0.53	Unintentional Islanding
SCL312	517	'8453480_/_156588453'		3.1	10	10	5.208	4.5	10	0.53 No	0.53	Unintentional Islanding
SCL312	518	'157672579_/_157675943'		3.1	10	10	5.208	10	10	0.53 No	0.53	Unintentional Islanding
SCL312	519	'7589735_/_8807536'		0.57	3.33	3.33	1.736	1.3	3.33	0.18 No	0.18	Unintentional Islanding
SCL312	520	'54096784_/_54096791'		0.93	3.33	3.33	1.736	0.8	3.33	0.18 No	0.18	Unintentional Islanding
SCL312	521	'7929202_/_7929200'		0.93	3.33	3.33	1.736	0.5	3.33	0.18 No	0.18	Unintentional Islanding
SCL312	522	'3981398_/_43427129'		2.8	10	10	5.208	3.9	10	0.53 No	0.53	Unintentional Islanding
SCL312	523	'157630487_/_157672576'		3.1	10	10	5.208	10	10	0.53 No	0.53	Unintentional Islanding
SCL312	524	'7291400_/_7607351'		3.2	10	10	5.208	4.2	10	0.53 No	0.53	Unintentional Islanding
SCL312	525	'56813963_/_56814008'		3.1	10	10	5.208	4.5	10	0.53 No	0.53	Unintentional Islanding
SCL312	526	'9398288_/_9398302'		1.03	3.33	3.33	1.736	1.3	3.33	0.18 No	0.18	Unintentional Islanding
SCL312	527	'57544745_/_43430207'		0.93	3.33	3.33	1.736	1.33	3.33	0.18 No	0.18	Unintentional Islanding
SCL312	528	'157643729_/_157630484'		3.1	10	10	5.208	10	10	0.53 No	0.53	Unintentional Islanding
SCL312	529	'3721985_/_43369901'		1.5	10	10	5.208	10	10	0.53 No	0.53	Unintentional Islanding
SCL312	530	'154565074_/_154565406'		3.1	10	10	5.208	3.9	10	0.53 No	0.53	Unintentional Islanding
SCL312	531	'157654397_/_157654394'		3.1	10	10	5.208	10	10	0.53 No	0.53	Unintentional Islanding
SCL312	532	'157643752_/_157643731'		3.1	10	10	5.208	10	10	0.53 No	0.53	Unintentional Islanding
SCL312	533	'157643775_/_157643754'		3.1	10	10	5.208	10	10	0.53 No	0.53	Unintentional Islanding
SCL312	534	'7471470_/_9398286'		1.03	3.33	3.33	1.736	1.3	3.33	0.18 No	0.18	Unintentional Islanding
SCL312	535	'157654435_/_157654432'		3.1	10	10	5.208	10	10	0.53 No	0.53	Unintentional Islanding
SCL312	536	'3972209_/_3972223_1'		3.1	10	10	5.208	3.9	10	0.53 No	0.53	Unintentional Islanding
SCL312	537	'51335063_/_51335070'		3.2	10	10	5.208	4.1	10	0.53 No	0.53	Unintentional Islanding
SCL312	538	'7273871_/_7273869'		0.5	3.33	3.33	1.736	1.3	3.33	0.18 No	0.18	Unintentional Islanding
SCL312	539	'157643798_/_157643777'		3.1	10	10	5.208	10	10	0.53 No	0.53	Unintentional Islanding
SCL312	540	'157658737_/_157658709_1'		1.03	3.33	3.33	1.736	1.2	3.33	0.18 No	0.18	Unintentional Islanding
SCL312	541	'157088166_/_157654470'		3.1	10	10	5.208	10	10	0.53 No	0.53	Unintentional Islanding
SCL312	542	'3981399_/_3981396'		2.8	10	10	5.208	3.9	10	0.53 No	0.53	Unintentional Islanding
SCL312	543	'157658675_/_157658709_2'		1.03	3.33	3.33	1.736	1.2	3.33	0.18 No	0.18	Unintentional Islanding
SCL312	544	'7291399_/_7291397'		3.2	10	10	5.208	4.2	10	0.53 No	0.53	Unintentional Islanding
SCL312	545	'7292458_/_7292455'		1.17	3.33	3.33	1.736	1.3	3.33	0.18 No	0.18	Unintentional Islanding
SCL312	546	'7931276_/_7931274'		0.8	3.33	3.33	1.736	1.3	3.33	0.18 No	0.18	Unintentional Islanding
SCL312	547	'43425536_/_43425527'		0.93	3.33	3.33	1.736	0.8	3.33	0.18 No	0.18	Unintentional Islanding
SCL312	548	'54658598_/_54658622'		3.1	10	10	5.208	10	10	0.53 No	0.53	Unintentional Islanding
SCL312	549	'3721951_/_3721982'		1.5	10	10	5.208	10	10	0.53 No	0.53	Unintentional Islanding
SCL312	550	'7471471_/_7471468'		1.03	3.33	3.33	1.736	1.3	3.33	0.18 No	0.18	Unintentional Islanding
SCL312	551	'53357420_/_51335103'		3.2	10	10	5.208	4.1	10	0.53 No	0.53	Unintentional Islanding
SCL312	552	'57544741_/_4014781'		0.93	3.33	3.33	1.736	1.33	3.33	0.18 No	0.18	Unintentional Islanding
SCL312	553	'54658571_/_54658595'		3.1	10	10	5.208	10	10	0.53 No	0.53	Unintentional Islanding
SCL312	554	'7291980_/_7291993'		0.73	3.33	3.33	1.736	1.3	3.33	0.18 No	0.18	Unintentional Islanding
SCL312	555	'7503461_/_7503458'		1.03	3.33	3.33	1.736	1.3	3.33	0.18 No	0.18	Unintentional Islanding
SCL312	556	'9057208_/_9057205'		0.67	3.33	3.33	1.736	1.3	3.33	0.18 No	0.18	Unintentional Islanding
SCL312	557											

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
											VSR (MW)	Limiting Threshold
SCL312	558	'54658462_/_54658568'		3.1	10	10	5.208	10	10	0.53 No	0.53	Unintentional Islanding
SCL312	559	'8555583_/_8555580'		3.2	10	10	5.208	4	10	0.53 No	0.53	Unintentional Islanding
SCL312	560	'4014755_/_4014752_2'		0.93	3.33	3.33	1.736	1.33	3.33	0.18 No	0.18	Unintentional Islanding
SCL312	561	'54658489_/_54658459'		3.1	10	10	5.208	10	10	0.53 No	0.53	Unintentional Islanding
SCL312	562	'121449917_/_121449919'		3.1	10	10	5.208	10	10	0.53 No	0.53	Unintentional Islanding
SCL312	563	'8122031_/_8751046_1'		3.1	10	10	5.208	3.9	10	0.53 No	0.53	Unintentional Islanding
SCL312	564	'437804627_/_437804629'		3.1	10	10	5.208	10	10	0.53 No	0.53	Unintentional Islanding
SCL312	565	'44459350_/_3974748'		3.1	10	10	5.208	10	10	0.53 No	0.53	Unintentional Islanding
SCL312	566	'54658510_/_54658486'		3.1	10	10	5.208	10	10	0.53 No	0.53	Unintentional Islanding
SCL312	567	'4014754_/_4014752_1'		0.93	3.33	3.33	1.736	0.8	3.33	0.18 No	0.18	Unintentional Islanding
SCL312	568	'43427059_/_3981416'		2.8	10	10	5.208	3.9	10	0.53 No	0.53	Unintentional Islanding
SCL312	569	'7192591_/_7192588_2'		3.1	10	10	5.208	10	10	0.53 No	0.53	Unintentional Islanding
SCL312	570	'3971989_/_3972223_2'		3.1	10	10	5.208	3.9	10	0.53 No	0.53	Unintentional Islanding
SCL312	571	'450078416_/_450078418'		3.1	10	10	5.208	10	10	0.53 No	0.53	Unintentional Islanding
SCL312	572	'3721950_/_3721948'		1.5	10	10	5.208	10	10	0.53 No	0.53	Unintentional Islanding
SCL312	573	'7133641_/_7133638'		0.93	3.33	3.33	1.736	1.33	3.33	0.18 No	0.18	Unintentional Islanding
SCL312	574	'43426521_/_54658507'		3.1	10	10	5.208	10	10	0.53 No	0.53	Unintentional Islanding
SCL312	575	'450078396_/_450078398'		3.1	10	10	5.208	10	10	0.53 No	0.53	Unintentional Islanding
SCL312	576	'533319045_/_43426538'		3.1	10	10	5.208	10	10	0.53 No	0.53	Unintentional Islanding
SCL312	577	'450078376_/_450078378'		3.1	10	10	5.208	10	10	0.53 No	0.53	Unintentional Islanding
SCL312	578	'3988365_/_43425538'		0.93	3.33	3.33	1.736	0.8	3.33	0.18 No	0.18	Unintentional Islanding
SCL312	579	'54096815_/_54096822'		0.93	3.33	3.33	1.736	0.8	3.33	0.18 No	0.18	Unintentional Islanding
SCL312	580	'43369912_/_3721965'		1.5	10	10	5.208	10	10	0.53 No	0.53	Unintentional Islanding
SCL312	581	'9083074_/_9083071'		1.03	3.33	3.33	1.736	1.3	3.33	0.18 No	0.18	Unintentional Islanding
SCL312	582	'8243979_/_8555644'		3.2	10	10	5.208	4	10	0.53 No	0.53	Unintentional Islanding
SCL312	583	'8751049_/_8751046_2'		3.1	10	10	5.208	3.9	10	0.53 No	0.53	Unintentional Islanding
SCL312	584	'450078356_/_450078358'		3.1	10	10	5.208	10	10	0.53 No	0.53	Unintentional Islanding
SCL312	585	'7292313_/_7292311_1'		0.93	3.33	3.33	1.736	0.4	3.33	0.18 No	0.18	Unintentional Islanding
SCL312	586	'450078336_/_450078338'		3.1	10	10	5.208	10	10	0.53 No	0.53	Unintentional Islanding
SCL312	587	'4014896_/_7133654'		0.93	3.33	3.33	1.736	1.33	3.33	0.18 No	0.18	Unintentional Islanding
SCL312	588	'3959210_/_43427061'		2.8	10	10	5.208	3.9	10	0.53 No	0.53	Unintentional Islanding
SCL312	589	'8244351_/_8244348'		1.17	3.33	3.33	1.736	1.3	3.33	0.18 No	0.18	Unintentional Islanding
SCL312	590	'56813930_/_56813970'		3.1	10	10	5.208	4.5	10	0.53 No	0.53	Unintentional Islanding
SCL312	591	'43419549_/_43419551'		3.1	10	10	5.208	10	10	0.53 No	0.53	Unintentional Islanding
SCL312	592	'380549132_/_7273885_1'		0.57	3.33	3.33	1.736	1.3	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	593	'3984382_/_7137037'		3.1	10	10	5.208	10	10	0.53 No	0.53	Unintentional Islanding
SCL312	594	'7273888_/_7273885_2'		0.57	3.33	3.33	1.736	1.3	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	595	'43369861_/_3721931'		1.4	10	10	5.208	10	10	0.53 No	0.53	Unintentional Islanding
SCL312	596	'8243978_/_8243976'		3.2	10	10	5.208	4	10	0.53 No	0.53	Unintentional Islanding
SCL312	597	'3988366_/_3988363'		0.93	3.33	3.33	1.736	0.8	3.33	0.18 No	0.18	Unintentional Islanding
SCL312	598	'3974155_/_7192588_1'		3.1	10	10	5.208	3.9	10	0.53 No	0.53	Unintentional Islanding
SCL312	599	'380549145_/_9168628_1'		0.57	3.33	3.33	1.736	1.3	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	600	'3984383_/_3984380'		3.1	10	10	5.208	10	10	0.53 No	0.53	Unintentional Islanding
SCL312	601	'508800684_/_508800690'		1.4	10	10	5.208	10	10	0.53 No	0.53	Unintentional Islanding
SCL312	602	'3725431_/_3725446'		1.4	10	10	5.208	10	10	0.53 No	0.53	Unintentional Islanding
SCL312	603	'3984348_/_3984400'		3.1	10	10	5.208	10	10	0.53 No	0.53	Unintentional Islanding
SCL312	604	'4014897_/_4014894'		0.93	3.33	3.33	1.736	1.33	3.33	0.18 No	0.18	Unintentional Islanding
SCL312	605	'3984261_/_3984346'		3.1	10	10	5.208	10	10	0.53 No	0.53	Unintentional Islanding
SCL312	606	'7931292_/_7931290'		0.73	3.33	3.33	1.736	1.3	3.33	0.18 No	0.18	Unintentional Islanding
SCL312	607	'144909635_/_144909653'		3.2	10	10	5.208	4.1	10	0.53 No	0.53	Unintentional Islanding
SCL312	608	'54096843_/_54096845'		0.93	3.33	3.33	1.736	0.8	3.33	0.18 No	0.18	Unintentional Islanding
SCL312	609	'7607373_/_7607371'		3.2	10	10	5.208	4.2	10	0.53 No	0.53	Unintentional Islanding
SCL312	610	'61697018_/_43369850_1'		1.4	10	10	5.208	0.9	10	0.53 No	0.53	Unintentional Islanding
SCL312	611	'40795236_/_43369850_2'		1.4	10	10	5.208	0.9	10	0.53 No	0.53	Unintentional Islanding
SCL312	612	'8554111_/_8554108_1'		0.8	3.33	3.33	1.736	1.2	3.33	0.18 No	0.18	Unintentional Islanding
SCL312	613	'413515270_/_8555664'		3.2	10	10	5.208	4	10	0.53 No	0.53	Unintentional Islanding
SCL312	614	'3983088_/_3984259'		3.1	10	10	5.208	10	10	0.53 No	0.53	Unintentional Islanding
SCL312	615	'3983089_/_3983086'		3.1	10	10	5.208	10	10	0.53 No	0.53	Unintentional Islanding
SCL312	616	'3959211_/_3959208'		2.8	10	10	5.208	3.9	10	0.53 No	0.53	Unintentional Islanding
SCL312	617	'7291979_/_7291977'		0.73	3.33	3.33	1.736	1.3	3.33	0.18 No	0.18	Unintentional Islanding
SCL312	618	'437834600_/_437834527'		3.1	10	10	5.208	4.5	10	0.53 No	0.53	Unintentional Islanding
SCL312	619	'3983106_/_3983103'		3.1	10	10	5.208	10	10	0.53 No	0.53	Unintentional Islanding
SCL312	620	'7607721_/_9057221'		0.67	3.33	3.33	1.736	1.3	3.33	0.18 No	0.18	Unintentional Islanding
SCL312	621	'7818684_/_468764587'		3.1	10	10	5.208	4.5	10	0.53 No	0.53	Unintentional Islanding
SCL312	622	'69614175_/_69614169_1'		0.53	3.33	3.33	1.736	1.3	3.33	0.18 No	0.18	Unintentional Islanding
SCL312	623	'3721856_/_3725412'		1.4	10	10	5.208	10	10	0.53 No	0.53	Unintentional Islanding
SCL312	624	'385973663_/_385973667'		3.1	10	10	5.208	3.9	10	0.53 No	0.53	Unintentional Islanding
SCL312	625	'3983123_/_3983120'		3.1	10	10	5.208	10	10	0.53 No	0.53	Unintentional Islanding
SCL312	626	'3983140_/_3983137'		3.1	10	10	5.208	10	10	0.53 No	0.53	Unintentional Islanding
SCL312	627	'43430183_/_4014907'		0.93	3.33	3.33	1.736	1.33	3.33	0.18 No	0.18	Unintentional Islanding
SCL312	628	'3983245_/_3983242'		3.1	10	10	5.208	10	10	0.53 No	0.53	Unintentional Islanding
SCL312	629	'3983157_/_3983262'		3.1	10	10	5.208	10	10	0.53 No	0.53	Unintentional Islanding
SCL312	630	'3983156_/_3983154'		3.1	10	10	5.208	10	10	0.53 No	0.53	Unintentional Islanding
SCL312	631	'3983465_/_3983463'		3.1	10	10	5.208	10	10	0.53 No	0.53	Unintentional Islanding
SCL312	632	'3721836_/_3721854'		1.4	10	10	5.208	10	10	0.53 No	0.53	Unintentional Islanding
SCL312	633	'121450036_/_3983314'		3.1	10	10	5.208	10	10	0.53 No	0.53	Unintentional Islanding
SCL312	634	'3959185_/_3959228'		2.8	10	10	5.208	3.9	10	0.53 No	0.53	Unintentional Islanding
SCL312	635	'141693695_/_121450038_1'		3.1	10	10	5.208	10	10	0.53 No	0.53	Unintentional Islanding
SCL312	636	'7608094_/_9500804'		1.17	3.33	3.33	1.736	1.3	3.33	0.18 No	0.18	Unintentional Islanding
SCL312	637	'3721837_/_3723111_2'		1.4	10	10	5.208	10	10	0.53 No	0.53	Unintentional Islanding
SCL312	638	'3983317_/_121450038_2'		3.1	10	10	5.208	10	10	0.53 No	0.53	Unintentional Islanding
SCL312	639	'9394947_/_157658682'		1.03	3.33	3.33	1.736	1.2	3.33	0.18 No	0.18	Unintentional Islanding
SCL312	640	'3723134_/_3723131'		1.4	10	10	5.208	10	10	0.53 No	0.53	Unintentional Islanding
SCL312	641	'3983334_/_3983480'		3.1	10	10	5.208	10	10	0.53 No	0.53	Unintentional Islanding
SCL312	642	'8243163_/_8869263'		3.2	10	10	5.208	4.2	10	0.53 No	0.53	Unintentional Islanding
SCL312	643	'3959172_/_3959182'		0.93	3.33	3.33	1.736	1.3	3.33	0.18 No	0.18	Unintentional Islanding
SCL312	644	'3983889_/_3983886'		3.1	10	10	5.208	10	10	0.53 No	0.53	Unintentional Islanding
SCL312	645	'3983333_/_3983331'		3.1	10	10	5.208	10	10	0.53 No	0.53	Unintentional Islanding
SCL312	646	'271261677_/_413515282'		3.2	10	10	5.208	4	10	0.53 No	0.53	Unintentional Islanding
SCL312	647	'3983974_/_3983989'		3.1	10	10	5.208	10	10	0.53 No	0.53	Unintentional Islanding
SCL312	648	'4014922_/_43430185'		0.93	3.33	3.33	1.736	1.33	3.33	0.18 No	0.18	Unintentional Islanding
SCL312	649	'8120165_/_8556772_1'		0.93	3.33	3.33	1.736	0.8	3.33	0.18 No	0.18	Unintentional Islanding
SCL312	650	'3983194_/_3983348'		3.1	10	10	5.208	10	10	0.53 No	0.53	Unintentional Islanding
SCL312	651	'3983975_/_3983972'		3.1	10	10	5.208	10	10	0.53 No	0.53	Unintentional Islanding

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SCL312	652	'390520746_/_3983191_2'		3.1	10	10	5.208	10	10	0.53 No	0.53 Unintentional Islanding
SCL312	653	'398144056_/_8556772_2'		0.93	3.33	3.33	1.736	0.8	3.33	0.18 No	0.18 Unintentional Islanding
SCL312	654	'4036865_/_4036880'		3.1	10	10	5.208	10	10	0.53 No	0.53 Unintentional Islanding
SCL312	655	'3980575_/_3983191_1'		3.1	10	10	5.208	10	10	0.53 No	0.53 Unintentional Islanding
SCL312	656	'390520869_/_390520744_1'		3.1	10	10	5.208	3.8	10	0.53 No	0.53 Unintentional Islanding
SCL312	657	'4020201_/_4020218'		2.8	10	10	5.208	3.9	10	0.53 No	0.53 Unintentional Islanding
SCL312	658	'8555287_/_9185863_1'		3.1	10	10	5.208	3.8	10	0.53 No	0.53 Unintentional Islanding
SCL312	659	'49806450_/_7609467_1'		3.1	10	10	5.208	3.9	10	0.53 No	0.53 Unintentional Islanding
SCL312	660	'3983775_/_4036863'		3.1	10	10	5.208	10	10	0.53 No	0.53 Unintentional Islanding
SCL312	661	'3980574_/_3980572'		3.1	10	10	5.208	10	10	0.53 No	0.53 Unintentional Islanding
SCL312	662	'8246023_/_7609467_2'		3.1	10	10	5.208	3.9	10	0.53 No	0.53 Unintentional Islanding
SCL312	663	'3983721_/_3983773'		3.1	10	10	5.208	10	10	0.53 No	0.53 Unintentional Islanding
SCL312	664	'271261621_/_271261843'		3.2	10	10	5.208	4	10	0.53 No	0.53 Unintentional Islanding
SCL312	665	'3983722_/_3983719'		3.1	10	10	5.208	10	10	0.53 No	0.53 Unintentional Islanding
SCL312	666	'3723392_/_3723390'		1.4	10	10	5.208	8.3	10	0.53 No	0.53 Unintentional Islanding
SCL312	667	'448520618_/_448520498_1'		3.1	10	10	5.208	3.8	10	0.53 No	0.53 Unintentional Islanding
SCL312	668	'69612987_/_69612998'		0.53	3.33	3.33	1.736	1.3	3.33	0.18 No	0.18 Unintentional Islanding
SCL312	669	'3983742_/_3983739'		3.1	10	10	5.208	10	10	0.53 No	0.53 Unintentional Islanding
SCL312	670	'4014741_/_4014920'		0.93	3.33	3.33	1.736	1.33	3.33	0.18 No	0.18 Unintentional Islanding
SCL312	671	'9186010_/_9500274'		0.73	3.33	3.33	1.736	1.3	3.33	0.18 No	0.18 Unintentional Islanding
SCL312	672	'3980591_/_3980663'		3.1	10	10	5.208	10	10	0.53 No	0.53 Unintentional Islanding
SCL312	673	'3980682_/_3980703'		3.1	10	10	5.208	10	10	0.53 No	0.53 Unintentional Islanding
SCL312	674	'448520479_/_448520498_2'		3.1	10	10	5.208	3.8	10	0.53 No	0.53 Unintentional Islanding
SCL312	675	'8243999_/_271261626'		3.2	10	10	5.208	4	10	0.53 No	0.53 Unintentional Islanding
SCL312	676	'3983759_/_3983756'		3.1	10	10	5.208	10	10	0.53 No	0.53 Unintentional Islanding
SCL312	677	'4020184_/_4020198'		2.8	10	10	5.208	3.9	10	0.53 No	0.53 Unintentional Islanding
SCL312	678	'269382670_/_269382667'		3.1	10	10	5.208	10	10	0.53 No	0.53 Unintentional Islanding
SCL312	679	'7607722_/_7607719_1'		0.67	3.33	3.33	1.736	1.2	3.33	0.18 No	0.18 Unintentional Islanding
SCL312	680	'269382847_/_269382818_1'		3.1	10	10	5.208	5	10	0.53 No	0.53 Unintentional Islanding
SCL312	681	'3984154_/_3984151'		3.1	10	10	5.208	10	10	0.53 No	0.53 Unintentional Islanding
SCL312	682	'7274002_/_7273999'		0.5	3.33	3.33	1.736	1.3	3.33	0.18 No	0.18 Unintentional Islanding
SCL312	683	'43433852_/_3980680'		3.1	10	10	5.208	10	10	0.53 No	0.53 Unintentional Islanding
SCL312	684	'4020241_/_4020238'		2.8	10	10	5.208	3.9	10	0.53 No	0.53 Unintentional Islanding
SCL312	685	'7294062_/_8243160'		3.2	10	10	5.208	4.2	10	0.53 No	0.53 Unintentional Islanding
SCL312	686	'3723345_/_3723636'		1.3	10	10	5.208	10	10	0.53 No	0.53 Unintentional Islanding
SCL312	687	'3984171_/_3984168'		3.1	10	10	5.208	10	10	0.53 No	0.53 Unintentional Islanding
SCL312	688	'49234772_/_3723377_1'		0.43	3.33	3.33	1.736	1.2	3.33	0.18 No	0.18 Unintentional Islanding
SCL312	689	'3980683_/_43433854'		3.1	10	10	5.208	10	10	0.53 No	0.53 Unintentional Islanding
SCL312	690	'9185866_/_9185863_2'		3.1	10	10	5.208	3.8	10	0.53 No	0.53 Unintentional Islanding
SCL312	691	'3984188_/_3984185'		3.1	10	10	5.208	10	10	0.53 No	0.53 Unintentional Islanding
SCL312	692	'43427094_/_3959169'		0.93	3.33	3.33	1.736	1.3	3.33	0.18 No	0.18 Unintentional Islanding
SCL312	693	'3721819_/_3723111_1'		1.4	10	10	5.208	4.1	10	0.53 No	0.53 Unintentional Islanding
SCL312	694	'269382762_/_269382818_2'		3	10	10	5.208	5	10	0.53 No	0.53 Unintentional Islanding
SCL312	695	'605105089_/_605105113'		3.2	10	10	5.208	4.2	10	0.53 No	0.53 Unintentional Islanding
SCL312	696	'144909673_/_144909691'		3.2	10	10	5.208	4.1	10	0.53 No	0.53 Unintentional Islanding
SCL312	697	'561468579_/_561468601'		3.2	10	10	5.208	4.2	10	0.53 No	0.53 Unintentional Islanding
SCL312	698	'8556775_/_398144078'		0.93	3.33	3.33	1.736	0.8	3.33	0.18 No	0.18 Unintentional Islanding
SCL312	699	'43371897_/_3723377_2'		0.43	3.33	3.33	1.736	1.2	3.33	0.18 No	0.18 Unintentional Islanding
SCL312	700	'4020258_/_4020255'		2.8	10	10	5.208	3.9	10	0.53 No	0.53 Unintentional Islanding
SCL312	701	'390520747_/_390520744_2'		3.1	10	10	5.208	3.8	10	0.53 No	0.53 Unintentional Islanding
SCL312	702	'144909712_/_144909721'		3.2	10	10	5.208	4.1	10	0.53 No	0.53 Unintentional Islanding
SCL312	703	'3984420_/_3984417'		3.1	10	10	5.208	10	10	0.53 No	0.53 Unintentional Islanding
SCL312	704	'7293914_/_7609303_1'		0.93	3.33	3.33	1.736	0.8	3.33	0.18 No	0.18 Unintentional Islanding
SCL312	705	'7294061_/_7294059'		3.2	10	10	5.208	4.2	10	0.53 No	0.53 Unintentional Islanding
SCL312	706	'392035597_/_4021061_1'		0.93	3.33	3.33	1.736	0.7	3.33	0.18 No	0.18 Unintentional Islanding
SCL312	707	'7273476_/_7589733'		0.57	3.33	3.33	1.736	1.3	3.33	0.18 No	0.18 Unintentional Islanding
SCL312	708	'4020183_/_4020181'		2.8	10	10	5.208	3.9	10	0.53 No	0.53 Unintentional Islanding
SCL312	709	'7292425_/_7608091'		1.17	3.33	3.33	1.736	1.3	3.33	0.18 No	0.18 Unintentional Islanding
SCL312	710	'7589984_/_7589981'		0.57	3.33	3.33	1.736	1.3	3.33	0.17 No	0.17 Unintentional Islanding
SCL312	711	'3984440_/_3984437'		3.1	10	10	5.208	10	10	0.53 No	0.53 Unintentional Islanding
SCL312	712	'7274138_/_7274135'		0.57	3.33	3.33	1.736	1.3	3.33	0.17 No	0.17 Unintentional Islanding
SCL312	713	'4014660_/_4014739'		0.93	3.33	3.33	1.736	1.33	3.33	0.18 No	0.18 Unintentional Islanding
SCL312	714	'61438645_/_61438652'		0.93	3.33	3.33	1.736	0.8	3.33	0.18 No	0.18 Unintentional Islanding
SCL312	715	'4021198_/_4038579'		2.8	10	10	5.208	3.9	10	0.53 No	0.53 Unintentional Islanding
SCL312	716	'3959159_/_3959195_2'		0.93	3.33	3.33	1.736	1.3	3.33	0.18 No	0.18 Unintentional Islanding
SCL312	717	'7097739_/_8424878'		0.57	3.33	3.33	1.736	1.3	3.33	0.17 No	0.17 Unintentional Islanding
SCL312	718	'3984457_/_3984454'		3.1	10	10	5.208	10	10	0.53 No	0.53 Unintentional Islanding
SCL312	719	'3959158_/_3959195_1'		0.93	3.33	3.33	1.736	0.8	3.33	0.18 No	0.18 Unintentional Islanding
SCL312	720	'4038528_/_4038542'		2.8	10	10	5.208	3.9	10	0.53 No	0.53 Unintentional Islanding
SCL312	721	'49932587_/_3723424_1'		1.4	10	10	5.208	8.3	10	0.53 No	0.53 Unintentional Islanding
SCL312	722	'3723101_/_3723098'		0.47	3.33	3.33	1.736	1.37	3.33	0.18 No	0.18 Unintentional Islanding
SCL312	723	'4021064_/_4021061_2'		0.93	3.33	3.33	1.736	0.7	3.33	0.18 No	0.18 Unintentional Islanding
SCL312	724	'69613053_/_69613064'		0.53	3.33	3.33	1.736	1.3	3.33	0.18 No	0.18 Unintentional Islanding
SCL312	725	'40795363_/_3723424_2'		1.4	10	10	5.208	8.3	10	0.53 No	0.53 Unintentional Islanding
SCL312	726	'43371884_/_3723360'		1.3	10	10	5.208	10	10	0.53 No	0.53 Unintentional Islanding
SCL312	727	'7609306_/_7609303_2'		0.93	3.33	3.33	1.736	0.8	3.33	0.18 No	0.18 Unintentional Islanding
SCL312	728	'7294566_/_9188411'		0.73	3.33	3.33	1.736	1.3	3.33	0.18 No	0.18 Unintentional Islanding
SCL312	729	'43369800_/_3721817'		1.4	10	10	5.208	4.1	10	0.53 No	0.53 Unintentional Islanding
SCL312	730	'4014661_/_4014658'		0.93	3.33	3.33	1.736	1.33	3.33	0.18 No	0.18 Unintentional Islanding
SCL312	731	'4040241_/_4040256'		3.1	10	10	5.208	10	10	0.53 No	0.53 Unintentional Islanding
SCL312	732	'611246790_/_611246788'		1.4	10	10	5.208	8.3	10	0.53 No	0.53 Unintentional Islanding
SCL312	733	'78425664_/_9187143'		0.93	3.33	3.33	1.736	0.8	3.33	0.18 No	0.18 Unintentional Islanding
SCL312	734	'78425686_/_78425697'		0.93	3.33	3.33	1.736	0.8	3.33	0.18 No	0.18 Unintentional Islanding
SCL312	735	'4014686_/_4014684_1'		0.93	3.33	3.33	1.736	0.8	3.33	0.18 No	0.18 Unintentional Islanding
SCL312	736	'611246809_/_611246807'		1.4	10	10	5.208	8.3	10	0.53 No	0.53 Unintentional Islanding
SCL312	737	'3722180_/_3722177'		0.43	3.33	3.33	1.736	1.2	3.33	0.18 No	0.18 Unintentional Islanding
SCL312	738	'4040242_/_4040239'		3	10	10	5.208	10	10	0.53 No	0.53 Unintentional Islanding
SCL312	739	'78425993_/_43430502'		2.8	10	10	5.208	3.9	10	0.53 No	0.53 Unintentional Islanding
SCL312	740	'513972079_/_4042967_2'		3	10	10	5.208	10	10	0.53 No	0.53 Unintentional Islanding
SCL312	741	'611246828_/_611246826'		1.4	10	10	5.208	8.3	10	0.53 No	0.53 Unintentional Islanding
SCL312	742	'4014674_/_4014671_1'		0.93	3.33	3.33	1.736	1.33	3.33	0.18 No	0.18 Unintentional Islanding
SCL312	743	'4040644_/_4042967_1'		3	10	10	5.208	4.2	10	0.53 No	0.53 Unintentional Islanding
SCL312	744	'7607866_/_8245946'		3.2	10	10	5.208	4.2	10	0.53 No	0.53 Unintentional Islanding
SCL312	745	'495344008_/_4040216_2'		3	10	10	5.208	8.9	10	0.53 No	0.53 Unintentional Islanding

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SCL312	746	'43430139_/4014671_2'		0.93	3.33	3.33	1.736	1.33	3.33	0.18 No	0.18 Unintentional Islanding
SCL312	747	'7292012_/9186007'		0.73	3.33	3.33	1.736	1.3	3.33	0.18 No	0.18 Unintentional Islanding
SCL312	748	'455925706_/611246853'		1.4	10	10	5.208	8.3	10	0.53 No	0.53 Unintentional Islanding
SCL312	749	'465750454_/458319843_1'		1.4	10	10	5.208	3.8	10	0.53 No	0.53 Unintentional Islanding
SCL312	750	'4040559_/4040642'		3	10	10	5.208	4.2	10	0.53 No	0.53 Unintentional Islanding
SCL312	751	'425198707_/43423777_2'		3	10	10	5.208	4.2	10	0.53 No	0.53 Unintentional Islanding
SCL312	752	'4038562_/4038559'		2.8	10	10	5.208	3.9	10	0.53 No	0.53 Unintentional Islanding
SCL312	753	'4042853_/4042850'		3	10	10	5.208	10	10	0.53 No	0.53 Unintentional Islanding
SCL312	754	'3723173_/611246868'		1.4	10	10	5.208	8.3	10	0.53 No	0.53 Unintentional Islanding
SCL312	755	'7292426_/432458564'		1.17	3.33	3.33	1.736	1.3	3.33	0.18 No	0.18 Unintentional Islanding
SCL312	756	'611662756_/611662242_1'		0.47	3.33	3.33	1.736	1.3	3.33	0.18 No	0.18 Unintentional Islanding
SCL312	757	'43430161_/4014684_2'		0.93	3.33	3.33	1.736	0.8	3.33	0.18 No	0.18 Unintentional Islanding
SCL312	758	'43423788_/4040557'		3	10	10	5.208	4.2	10	0.53 No	0.53 Unintentional Islanding
SCL312	759	'611246889_/611246887'		1.4	10	10	5.208	8.3	10	0.53 No	0.53 Unintentional Islanding
SCL312	760	'78426027_/4038596'		2.8	10	10	5.208	3.9	10	0.53 No	0.53 Unintentional Islanding
SCL312	761	'526989854_/4042867'		3.1	10	10	5.208	10	10	0.53 No	0.53 Unintentional Islanding
SCL312	762	'3723316_/611662242_2'		0.47	3.33	3.33	1.736	1.3	3.33	0.18 No	0.18 Unintentional Islanding
SCL312	763	'4014615_/43430141'		0.93	3.33	3.33	1.736	1.33	3.33	0.18 No	0.18 Unintentional Islanding
SCL312	764	'3713850_/3723063'		1.2	10	10	5.208	10	10	0.53 No	0.53 Unintentional Islanding
SCL312	765	'526989890_/515818500_1'		1.03	3.33	3.33	1.736	1.2	3.33	0.18 No	0.18 Unintentional Islanding
SCL312	766	'4040594_/43423790'		3	10	10	5.208	4.2	10	0.53 No	0.53 Unintentional Islanding
SCL312	767	'611246904_/611246902'		1.4	10	10	5.208	8.3	10	0.53 No	0.53 Unintentional Islanding
SCL312	768	'8556742_/8556740_1'		0.7	3.33	3.33	1.736	0.7	3.33	0.18 No	0.18 Unintentional Islanding
SCL312	769	'495344304_/495344501_1'		3.1	10	10	5.208	3.9	10	0.53 No	0.53 Unintentional Islanding
SCL312	770	'8554940_/9186211'		3.2	10	10	5.208	4.2	10	0.53 No	0.53 Unintentional Islanding
SCL312	771	'7589968_/9148433'		0.57	3.33	3.33	1.736	1.3	3.33	0.17 No	0.17 Unintentional Islanding
SCL312	772	'155708346_/3723314_1'		0.47	3.33	3.33	1.736	1.3	3.33	0.18 No	0.18 Unintentional Islanding
SCL312	773	'515818515_/515818500_2'		1.03	3.33	3.33	1.736	1.2	3.33	0.18 No	0.18 Unintentional Islanding
SCL312	774	'611246923_/611246921'		1.4	10	10	5.208	8.3	10	0.53 No	0.53 Unintentional Islanding
SCL312	775	'43371928_/6164978773'		1.4	10	10	5.208	8.3	10	0.53 No	0.53 Unintentional Islanding
SCL312	776	'577477279_/577477295'		3.2	10	10	5.208	4.1	10	0.53 No	0.53 Unintentional Islanding
SCL312	777	'4039523_/4040216_1'		3.1	10	10	5.208	3.8	10	0.53 No	0.53 Unintentional Islanding
SCL312	778	'43423874_/4040625'		3.1	10	10	5.208	4.2	10	0.53 No	0.53 Unintentional Islanding
SCL312	779	'591952670_/3723314_2'		0.47	3.33	3.33	1.736	1.3	3.33	0.18 No	0.18 Unintentional Islanding
SCL312	780	'3721722_/43369802'		1.4	10	10	5.208	4.1	10	0.53 No	0.53 Unintentional Islanding
SCL312	781	'495344503_/495344501_2'		3.1	10	10	5.208	3.9	10	0.53 No	0.53 Unintentional Islanding
SCL312	782	'432172327_/526989837'		3.1	10	10	5.208	10	10	0.53 No	0.53 Unintentional Islanding
SCL312	783	'495344576_/495344524'		3.1	10	10	5.208	3.9	10	0.53 No	0.53 Unintentional Islanding
SCL312	784	'3723243_/611246940'		1.4	10	10	5.208	8.3	10	0.53 No	0.53 Unintentional Islanding
SCL312	785	'611246942_/611661675_1'		1.4	10	10	5.208	8.3	10	0.53 No	0.53 Unintentional Islanding
SCL312	786	'49479870_/7294563_1'		0.93	3.33	3.33	1.736	0.8	3.33	0.18 No	0.18 Unintentional Islanding
SCL312	787	'4038476_/4038486'		0.93	3.33	3.33	1.736	1.3	3.33	0.18 No	0.18 Unintentional Islanding
SCL312	788	'107812067_/611661675_2'		1.4	10	10	5.208	8.3	10	0.53 No	0.53 Unintentional Islanding
SCL312	789	'4040529_/43423876'		3.1	10	10	5.208	4.2	10	0.53 No	0.53 Unintentional Islanding
SCL312	790	'8554941_/8554938'		3.2	10	10	5.208	4.2	10	0.53 No	0.53 Unintentional Islanding
SCL312	791	'457967296_/458319843_2'		1.4	10	10	5.208	3.8	10	0.53 No	0.53 Unintentional Islanding
SCL312	792	'44054882_/7097737'		0.57	3.33	3.33	1.736	0.8	3.33	0.17 No	0.17 Unintentional Islanding
SCL312	793	'426592893_/90308035_1'		0.47	3.33	3.33	1.736	1.3	3.33	0.18 No	0.18 Unintentional Islanding
SCL312	794	'43420019_/495344228'		1.03	3.33	3.33	1.736	1.27	3.33	0.18 No	0.18 Unintentional Islanding
SCL312	795	'432172287_/432172329'		3.1	10	10	5.208	10	10	0.53 No	0.53 Unintentional Islanding
SCL312	796	'513971537_/513971458_1'		1.03	3.33	3.33	1.736	1.2	3.33	0.18 No	0.18 Unintentional Islanding
SCL312	797	'435102101_/420550608_1'		1.03	3.33	3.33	1.736	1.3	3.33	0.18 No	0.18 Unintentional Islanding
SCL312	798	'3988339_/43430163'		0.93	3.33	3.33	1.736	0.8	3.33	0.18 No	0.18 Unintentional Islanding
SCL312	799	'611661695_/611661692'		1.4	10	10	5.208	8.3	10	0.53 No	0.53 Unintentional Islanding
SCL312	800	'515818516_/515818513'		1.03	3.33	3.33	1.736	1.2	3.33	0.18 No	0.18 Unintentional Islanding
SCL312	801	'435102107_/420550608_2'		1.03	3.33	3.33	1.736	1.3	3.33	0.18 No	0.18 Unintentional Islanding
SCL312	802	'7292298_/7607991_1'		0.93	3.33	3.33	1.736	0.5	3.33	0.18 No	0.18 Unintentional Islanding
SCL312	803	'4014602_/4014613'		0.93	3.33	3.33	1.736	1.33	3.33	0.18 No	0.18 Unintentional Islanding
SCL312	804	'108136552_/3721891'		1.4	10	10	5.208	4.1	10	0.53 No	0.53 Unintentional Islanding
SCL312	805	'4013798_/4040540'		3.1	10	10	5.208	4.2	10	0.53 No	0.53 Unintentional Islanding
SCL312	806	'611661714_/611661711'		1.4	10	10	5.208	8.3	10	0.53 No	0.53 Unintentional Islanding
SCL312	807	'4014603_/4014600'		0.93	3.33	3.33	1.736	1.33	3.33	0.18 No	0.18 Unintentional Islanding
SCL312	808	'43420041_/495344573'		3.1	10	10	5.208	3.9	10	0.53 No	0.53 Unintentional Islanding
SCL312	809	'432172307_/432172289'		3.1	10	10	5.208	10	10	0.53 No	0.53 Unintentional Islanding
SCL312	810	'4039803_/4039800'		3.1	10	10	5.208	3.8	10	0.53 No	0.53 Unintentional Islanding
SCL312	811	'3713851_/3713848'		1.2	10	10	5.208	10	10	0.53 No	0.53 Unintentional Islanding
SCL312	812	'239794015_/495344602_2'		3.1	10	10	5.208	3.9	10	0.53 No	0.53 Unintentional Islanding
SCL312	813	'611661733_/611661730'		1.4	10	10	5.208	8.3	10	0.53 No	0.53 Unintentional Islanding
SCL312	814	'43430173_/43430174'		0.93	3.33	3.33	1.736	1.33	3.33	0.18 No	0.18 Unintentional Islanding
SCL312	815	'4038460_/4038473'		0.93	3.33	3.33	1.736	1.3	3.33	0.18 No	0.18 Unintentional Islanding
SCL312	816	'43420728_/4013796'		3.1	10	10	5.208	4.2	10	0.52 No	0.52 Unintentional Islanding
SCL312	817	'420550564_/420550562'		1.03	3.33	3.33	1.736	1.3	3.33	0.17 No	0.17 Unintentional Islanding
SCL312	818	'4014628_/4014626'		0.93	3.33	3.33	1.736	1.33	3.33	0.18 No	0.18 Unintentional Islanding
SCL312	819	'611245201_/611662315'		0.47	3.33	3.33	1.736	1.3	3.33	0.18 No	0.18 Unintentional Islanding
SCL312	820	'611661752_/611661749'		1.4	10	10	5.208	8.3	10	0.53 No	0.53 Unintentional Islanding
SCL312	821	'7589967_/7589965'		0.57	3.33	3.33	1.736	1.3	3.33	0.17 No	0.17 Unintentional Islanding
SCL312	822	'515818547_/515818530'		1.03	3.33	3.33	1.736	1.2	3.33	0.17 No	0.17 Unintentional Islanding
SCL312	823	'417757902_/611245407'		0.47	3.33	3.33	1.736	2.77	3.33	0.18 No	0.18 Unintentional Islanding
SCL312	824	'90308024_/90308035_2'		0.47	3.33	3.33	1.736	1.3	3.33	0.18 No	0.18 Unintentional Islanding
SCL312	825	'495344249_/495344247'		1.03	3.33	3.33	1.736	1.27	3.33	0.18 No	0.18 Unintentional Islanding
SCL312	826	'7929647_/7929644'		1.17	3.33	3.33	1.736	1.3	3.33	0.18 No	0.18 Unintentional Islanding
SCL312	827	'43420741_/43420730'		3.1	10	10	5.208	4.2	10	0.52 No	0.52 Unintentional Islanding
SCL312	828	'513971461_/513971458_2'		1.03	3.33	3.33	1.736	1.2	3.33	0.17 No	0.17 Unintentional Islanding
SCL312	829	'43425188_/3988337'		0.93	3.33	3.33	1.736	0.8	3.33	0.18 No	0.18 Unintentional Islanding
SCL312	830	'426592092_/611661768'		1.4	10	10	5.208	8.3	10	0.53 No	0.53 Unintentional Islanding
SCL312	831	'457967334_/458319982'		1.4	10	10	5.208	3.8	10	0.53 No	0.53 Unintentional Islanding
SCL312	832	'526990075_/432172309'		3.1	10	10	5.208	10	10	0.52 No	0.52 Unintentional Islanding
SCL312	833	'433777926_/108136554'		1.4	10	10	5.208	4.1	10	0.53 No	0.53 Unintentional Islanding
SCL312	834	'559367211_/4042697_2'		2.07	6.67	6.67	3.472	5.5	6.67	0.35 No	0.35 Unintentional Islanding
SCL312	835	'4039607_/495344602_1'		3.1	10	10	5.208	3.9	10	0.53 No	0.53 Unintentional Islanding
SCL312	836	'427334057_/90308242_2'		0.47	3.33	3.33	1.736	2.77	3.33	0.18 No	0.18 Unintentional Islanding
SCL312	837	'103236197_/102955118_2'		0.47	3.33	3.33	1.736	2.77	3.33	0.18 No	0.18 Unintentional Islanding
SCL312	838	'7273475_/7273473'		0.57	3.33	3.33	1.736	1.3	3.33	0.18 No	0.18 Unintentional Islanding
SCL312	839	'4013129_/43420743'		3.1	10	10	5.208	4.2	10	0.52 No	0.52 Unintentional Islanding

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SCL312	840	'611662630_/611661787_1'	1.4	10	10	5.208	8.3	10	0.53 No	0.53	Unintentional Islanding
SCL312	841	'123821808_/611661787_2'	1.4	10	10	5.208	8.3	10	0.53 No	0.53	Unintentional Islanding
SCL312	842	'611661789_/611661787_6164979034'	1.4	10	10	5.208	8.3	10	0.53 No	0.53	Unintentional Islanding
SCL312	843	'427333788_/611661814'	1.4	10	10	5.208	8.3	10	0.53 No	0.53	Unintentional Islanding
SCL312	844	'69613084_/69613095'	0.53	3.33	3.33	1.736	1.3	3.33	0.18 No	0.18	Unintentional Islanding
SCL312	845	'611662884_/611662345_1'	0.47	3.33	3.33	1.736	1.2	3.33	0.18 No	0.18	Unintentional Islanding
SCL312	846	'439722456_/4042697_1'	2.07	6.67	6.67	3.472	2.5	6.67	0.35 No	0.35	Unintentional Islanding
SCL312	847	'611246370_/611661829_1'	1.4	10	10	5.208	8.3	10	0.53 No	0.53	Unintentional Islanding
SCL312	848	'611246351_/611661829_2'	1.4	10	10	5.208	8.3	10	0.53 No	0.53	Unintentional Islanding
SCL312	849	'611662696_/611661829_3'	1.4	10	10	5.208	8.3	10	0.53 No	0.53	Unintentional Islanding
SCL312	850	'4011088_/526990079'	3.1	10	10	5.208	10	10	0.52 No	0.52	Unintentional Islanding
SCL312	851	'4040276_/513971485'	1.03	3.33	3.33	1.736	1.2	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	852	'8532876_/8807468'	0.5	3.33	3.33	1.736	1.3	3.33	0.18 No	0.18	Unintentional Islanding
SCL312	853	'4013658_/4013730'	3.1	10	10	5.208	4.2	10	0.52 No	0.52	Unintentional Islanding
SCL312	854	'4010428_/515818561'	1.03	3.33	3.33	1.736	1.2	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	855	'427334032_/611661829_4'	1.4	10	10	5.208	8.3	10	0.53 No	0.53	Unintentional Islanding
SCL312	856	'474438502_/474438466_1'	3.1	10	10	5.208	3.8	10	0.52 No	0.52	Unintentional Islanding
SCL312	857	'495344639_/495344637'	3.1	10	10	5.208	3.9	10	0.52 No	0.52	Unintentional Islanding
SCL312	858	'4038431_/4038457'	0.93	3.33	3.33	1.736	1.3	3.33	0.18 No	0.18	Unintentional Islanding
SCL312	859	'420551359_/420550790'	1.03	3.33	3.33	1.736	1.3	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	860	'4009987_/469986900'	3.1	10	10	5.208	4.2	10	0.52 No	0.52	Unintentional Islanding
SCL312	861	'439722452_/439721713'	2.07	6.67	6.67	3.472	2.5	6.67	0.35 No	0.35	Unintentional Islanding
SCL312	862	'495190078_/4010005_1'	3.1	10	10	5.208	3.9	10	0.52 No	0.52	Unintentional Islanding
SCL312	863	'120820436_/433777928'	1.4	10	10	5.208	4.1	10	0.53 No	0.53	Unintentional Islanding
SCL312	864	'4011089_/4011086'	3.1	10	10	5.208	10	10	0.52 No	0.52	Unintentional Islanding
SCL312	865	'3713868_/3713865'	1.2	10	10	5.208	10	10	0.53 No	0.53	Unintentional Islanding
SCL312	866	'8243998_/8555624'	3.2	10	10	5.208	4.2	10	0.53 No	0.53	Unintentional Islanding
SCL312	867	'4039439_/495344268'	1.03	3.33	3.33	1.736	1.27	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	868	'43420754_/4009985'	3.1	10	10	5.208	4.2	10	0.52 No	0.52	Unintentional Islanding
SCL312	869	'495190109_/4010267_2'	3.1	10	10	5.208	4.2	10	0.52 No	0.52	Unintentional Islanding
SCL312	870	'417757940_/611245428'	0.47	3.33	3.33	1.736	2.77	3.33	0.18 No	0.18	Unintentional Islanding
SCL312	871	'7292011_/7292009'	0.73	3.33	3.33	1.736	1.3	3.33	0.18 No	0.18	Unintentional Islanding
SCL312	872	'7608694_/474438466_2'	3.1	10	10	5.208	3.8	10	0.52 No	0.52	Unintentional Islanding
SCL312	873	'44054953_/4014881'	0.93	3.33	3.33	1.736	1.33	3.33	0.18 No	0.18	Unintentional Islanding
SCL312	874	'515818575_/515818572'	1.03	3.33	3.33	1.736	1.2	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	875	'566746418_/8243996_1'	3.2	10	10	5.208	4	10	0.53 No	0.53	Unintentional Islanding
SCL312	876	'4039706_/4039719'	1.03	3.33	3.33	1.736	1.3	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	877	'120820415_/120820438'	1.4	10	10	5.208	4.1	10	0.53 No	0.53	Unintentional Islanding
SCL312	878	'4010176_/43420756'	3.1	10	10	5.208	4.2	10	0.52 No	0.52	Unintentional Islanding
SCL312	879	'553855796_/513971514'	1.03	3.33	3.33	1.736	1.2	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	880	'43425166_/43425190'	0.93	3.33	3.33	1.736	0.8	3.33	0.18 No	0.18	Unintentional Islanding
SCL312	881	'103236191_/102955118_1'	0.47	3.33	3.33	1.736	1.2	3.33	0.18 No	0.18	Unintentional Islanding
SCL312	882	'9078357_/9393404'	0.57	3.33	3.33	1.736	1.3	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	883	'447903450_/105008498_2'	0.47	3.33	3.33	1.736	1.37	3.33	0.18 No	0.18	Unintentional Islanding
SCL312	884	'4010044_/4010193'	3.1	10	10	5.208	4.2	10	0.52 No	0.52	Unintentional Islanding
SCL312	885	'4038418_/4038428'	0.93	3.33	3.33	1.736	1.3	3.33	0.18 No	0.18	Unintentional Islanding
SCL312	886	'4039594_/495344705'	3.1	10	10	5.208	3.9	10	0.52 No	0.52	Unintentional Islanding
SCL312	887	'611662909_/611662345_2'	0.47	3.33	3.33	1.736	1.2	3.33	0.18 No	0.18	Unintentional Islanding
SCL312	888	'4011054_/4011103'	3.1	10	10	5.208	10	10	0.52 No	0.52	Unintentional Islanding
SCL312	889	'4010045_/4010042'	3.1	10	10	5.208	4.2	10	0.52 No	0.52	Unintentional Islanding
SCL312	890	'559367169_/515819557_2'	1.03	3.33	3.33	1.736	3.33	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	891	'43423801_/4010059'	3.1	10	10	5.208	4.2	10	0.52 No	0.52	Unintentional Islanding
SCL312	892	'43369824_/3721736'	0.47	3.33	3.33	1.736	1.37	3.33	0.18 No	0.18	Unintentional Islanding
SCL312	893	'8870791_/8870789'	1.17	3.33	3.33	1.736	1.3	3.33	0.18 No	0.18	Unintentional Islanding
SCL312	894	'439721868_/439721729'	2.07	6.67	6.67	3.472	2.5	6.67	0.35 No	0.35	Unintentional Islanding
SCL312	895	'4011055_/4011052'	3.1	10	10	5.208	10	10	0.52 No	0.52	Unintentional Islanding
SCL312	896	'4039690_/4039703'	1.03	3.33	3.33	1.736	1.3	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	897	'515819560_/515819557_1'	1.03	3.33	3.33	1.736	1.2	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	898	'4010079_/43423803'	3.1	10	10	5.208	4.2	10	0.52 No	0.52	Unintentional Islanding
SCL312	899	'7097740_/44054884'	0.57	3.33	3.33	1.736	0.8	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	900	'4010008_/4010005_2'	3.1	10	10	5.208	3.9	10	0.52 No	0.52	Unintentional Islanding
SCL312	901	'43420008_/495344287'	1.03	3.33	3.33	1.736	1.27	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	902	'515818596_/515818593'	1.03	3.33	3.33	1.736	1.2	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	903	'474438845_/43420706'	1.03	3.33	3.33	1.736	1.3	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	904	'4041059_/4041056'	3.1	10	10	5.208	4.2	10	0.52 No	0.52	Unintentional Islanding
SCL312	905	'9084942_/9084939_2'	0.57	3.33	3.33	1.736	0.8	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	906	'105008441_/120820417'	1.4	10	10	5.208	4.1	10	0.53 No	0.53	Unintentional Islanding
SCL312	907	'43420715_/4010025'	3.1	10	10	5.208	3.9	10	0.52 No	0.52	Unintentional Islanding
SCL312	908	'4011072_/4011069'	3.1	10	10	5.208	10	10	0.52 No	0.52	Unintentional Islanding
SCL312	909	'3714094_/3714091'	0.4	3.33	3.33	1.736	3.33	3.33	0.18 No	0.18	Unintentional Islanding
SCL312	910	'4010253_/4010267_1'	3.1	10	10	5.208	3.9	10	0.52 No	0.52	Unintentional Islanding
SCL312	911	'513971966_/4011002_1'	3.1	10	10	5.208	3.9	10	0.52 No	0.52	Unintentional Islanding
SCL312	912	'495190184_/495190148'	3.1	10	10	5.208	3.9	10	0.52 No	0.52	Unintentional Islanding
SCL312	913	'4038417_/4038415'	0.93	3.33	3.33	1.736	1.3	3.33	0.18 No	0.18	Unintentional Islanding
SCL312	914	'4040953_/4041073'	3.1	10	10	5.208	4.2	10	0.52 No	0.52	Unintentional Islanding
SCL312	915	'4040289_/515818614'	1.03	3.33	3.33	1.736	1.2	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	916	'43419986_/43419988'	1.03	3.33	3.33	1.736	1.27	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	917	'4039823_/4039820'	1.03	3.33	3.33	1.736	1.3	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	918	'526989961_/515818625_2'	1.03	3.33	3.33	1.736	1.2	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	919	'4011005_/4011002_2'	3.1	10	10	5.208	3.9	10	0.52 No	0.52	Unintentional Islanding
SCL312	920	'4040031_/4040028'	3.1	10	10	5.208	10	10	0.52 No	0.52	Unintentional Islanding
SCL312	921	'515818681_/515818704'	1.03	3.33	3.33	1.736	1.2	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	922	'439721872_/439721745'	2.07	6.67	6.67	3.472	2.5	6.67	0.35 No	0.35	Unintentional Islanding
SCL312	923	'4039581_/495344752'	3.1	10	10	5.208	3.9	10	0.52 No	0.52	Unintentional Islanding
SCL312	924	'120495243_/120495240'	3.1	10	10	5.208	3.9	10	0.52 No	0.52	Unintentional Islanding
SCL312	925	'4039677_/4039687'	1.03	3.33	3.33	1.736	1.3	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	926	'4011022_/4011019'	3.1	10	10	5.208	3.9	10	0.52 No	0.52	Unintentional Islanding
SCL312	927	'3723282_/611245439'	0.47	3.33	3.33	1.736	2.77	3.33	0.18 No	0.18	Unintentional Islanding
SCL312	928	'495190394_/4047624_1'	3.1	10	10	5.208	3.9	10	0.52 No	0.52	Unintentional Islanding
SCL312	929	'4040914_/43421137'	3.1	10	10	5.208	3.9	10	0.52 No	0.52	Unintentional Islanding
SCL312	930	'495191180_/4039348_1'	1.03	3.33	3.33	1.736	0.7	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	931	'4040974_/4040971'	3.1	10	10	5.208	4.2	10	0.52 No	0.52	Unintentional Islanding
SCL312	932	'515819575_/515819572'	1.03	3.33	3.33	1.736	1.2	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	933	'43422621_/4015185'	3.1	10	10	5.208	3.9	10	0.52 No	0.52	Unintentional Islanding

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SCL312	934	'4039392_/_4040110'	3.1	10	10	5.208	10	10	0.52 No	0.52	Unintentional Islanding
SCL312	935	'4013770_/_4013829'	3.1	10	10	5.208	3.9	10	0.52 No	0.52	Unintentional Islanding
SCL312	936	'4014644_/_44054955'	0.93	3.33	3.33	1.736	1.33	3.33	0.18 No	0.18	Unintentional Islanding
SCL312	937	'3988405_/_43425168'	0.93	3.33	3.33	1.736	0.8	3.33	0.18 No	0.18	Unintentional Islanding
SCL312	938	'4039393_/_4039390'	3.1	10	10	5.208	10	10	0.52 No	0.52	Unintentional Islanding
SCL312	939	'4040847_/_4040988'	3.1	10	10	5.208	4.2	10	0.52 No	0.52	Unintentional Islanding
SCL312	940	'4015153_/_4015168'	3.1	10	10	5.208	3.9	10	0.52 No	0.52	Unintentional Islanding
SCL312	941	'4013642_/_474438857'	1.03	3.33	3.33	1.736	1.3	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	942	'43423258_/_4013916'	3.1	10	10	5.208	3.9	10	0.52 No	0.52	Unintentional Islanding
SCL312	943	'495344663_/_495344660'	3.1	10	10	5.208	3.9	10	0.52 No	0.52	Unintentional Islanding
SCL312	944	'3982182_/_4015151'	3.1	10	10	5.208	3.9	10	0.52 No	0.52	Unintentional Islanding
SCL312	945	'8556758_/_8556756_1'	0.93	3.33	3.33	1.736	0.8	3.33	0.18 No	0.18	Unintentional Islanding
SCL312	946	'43420346_/_4040130'	3.1	10	10	5.208	10	10	0.52 No	0.52	Unintentional Islanding
SCL312	947	'3714039_/_3714074'	1.1	10	10	5.208	10	10	0.53 No	0.53	Unintentional Islanding
SCL312	948	'4010287_/_4010284'	3.1	10	10	5.208	3.9	10	0.52 No	0.52	Unintentional Islanding
SCL312	949	'4039351_/_4039348_2'	1.03	3.33	3.33	1.736	0.7	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	950	'495190539_/_495190556_1'	1.03	3.33	3.33	1.736	1.2	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	951	'4041008_/_4041005'	3.1	10	10	5.208	4.2	10	0.52 No	0.52	Unintentional Islanding
SCL312	952	'495190633_/_4041155_1'	3.1	10	10	5.208	3.8	10	0.52 No	0.52	Unintentional Islanding
SCL312	953	'513972715_/_4041155_2'	3.1	10	10	5.208	3.8	10	0.52 No	0.52	Unintentional Islanding
SCL312	954	'499756517_/_9186771'	1.17	3.33	3.33	1.736	1.3	3.33	0.18 No	0.18	Unintentional Islanding
SCL312	955	'3714040_/_3714186_2'	1.1	10	10	5.208	10	10	0.53 No	0.53	Unintentional Islanding
SCL312	956	'8533328_/_9480048'	0.57	3.33	3.33	1.736	1.3	3.33	0.18 No	0.18	Unintentional Islanding
SCL312	957	'43420030_/_495344780'	3.1	10	10	5.208	3.9	10	0.52 No	0.52	Unintentional Islanding
SCL312	958	'4047188_/_43420348'	3.1	10	10	5.208	10	10	0.52 No	0.52	Unintentional Islanding
SCL312	959	'43420941_/_3982180'	3.1	10	10	5.208	3.9	10	0.52 No	0.52	Unintentional Islanding
SCL312	960	'3982349_/_43423260'	3.1	10	10	5.208	3.9	10	0.52 No	0.52	Unintentional Islanding
SCL312	961	'4039455_/_4039468'	1.03	3.33	3.33	1.736	1.27	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	962	'4041025_/_4041022'	3.1	10	10	5.208	4.2	10	0.52 No	0.52	Unintentional Islanding
SCL312	963	'533862854_/_499756539'	1.17	3.33	3.33	1.736	1.3	3.33	0.18 No	0.18	Unintentional Islanding
SCL312	964	'515818628_/_515818625_1'	1.03	3.33	3.33	1.736	1.2	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	965	'7791651_/_9084939_1'	0.57	3.33	3.33	1.736	0.5	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	966	'4013864_/_4047202'	3.1	10	10	5.208	10	10	0.52 No	0.52	Unintentional Islanding
SCL312	967	'3982053_/_43420943'	3.1	10	10	5.208	3.9	10	0.52 No	0.52	Unintentional Islanding
SCL312	968	'3982412_/_3982409'	3.1	10	10	5.208	3.9	10	0.52 No	0.52	Unintentional Islanding
SCL312	969	'43426993_/_4038441'	0.93	3.33	3.33	1.736	1.3	3.33	0.18 No	0.18	Unintentional Islanding
SCL312	970	'69613115_/_696131126'	0.53	3.33	3.33	1.736	1.3	3.33	0.18 No	0.18	Unintentional Islanding
SCL312	971	'7293945_/_7293943'	3.1	10	10	5.208	3.9	10	0.52 No	0.52	Unintentional Islanding
SCL312	972	'4041041_/_4041201'	3.1	10	10	5.208	4.2	10	0.52 No	0.52	Unintentional Islanding
SCL312	973	'474438897_/_4041039'	3.1	10	10	5.208	4.2	10	0.52 No	0.52	Unintentional Islanding
SCL312	974	'3982054_/_3982051'	3.1	10	10	5.208	3.9	10	0.52 No	0.52	Unintentional Islanding
SCL312	975	'559684916_/_515818679'	1.03	3.33	3.33	1.736	1.2	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	976	'4013865_/_4013862'	3.1	10	10	5.208	10	10	0.52 No	0.52	Unintentional Islanding
SCL312	977	'439721860_/_439721761'	2.07	6.67	6.67	3.472	2.5	6.67	0.35 No	0.35	Unintentional Islanding
SCL312	978	'515819588_/_515819585'	1.03	3.33	3.33	1.736	1.2	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	979	'4007910_/_4008258'	3.1	10	10	5.208	3.9	10	0.52 No	0.52	Unintentional Islanding
SCL312	980	'9078358_/_9078355'	0.57	3.33	3.33	1.736	1.3	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	981	'4039410_/_4039420'	1.03	3.33	3.33	1.736	1.27	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	982	'3982071_/_3982068'	3.1	10	10	5.208	3.9	10	0.52 No	0.52	Unintentional Islanding
SCL312	983	'4013851_/_4013882'	3.1	10	10	5.208	10	10	0.52 No	0.52	Unintentional Islanding
SCL312	984	'4040812_/_474438908'	3.1	10	10	5.208	4.2	10	0.52 No	0.52	Unintentional Islanding
SCL312	985	'495190695_/_4041218_1'	3.1	10	10	5.208	3.9	10	0.52 No	0.52	Unintentional Islanding
SCL312	986	'495190716_/_4041093_1'	1.03	3.33	3.33	1.736	1.2	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	987	'611662823_/_611245458'	0.47	3.33	3.33	1.736	2.77	3.33	0.18 No	0.18	Unintentional Islanding
SCL312	988	'4040848_/_495190556_2'	1.03	3.33	3.33	1.736	1.2	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	989	'90214958_/_90308069'	1.03	3.33	3.33	1.736	1.3	3.33	0.18 No	0.18	Unintentional Islanding
SCL312	990	'430099379_/_495377168_1'	0.47	3.33	3.33	1.736	0.8	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	991	'495190855_/_4040809_1'	2.07	6.67	6.67	3.472	2.6	6.67	0.35 No	0.35	Unintentional Islanding
SCL312	992	'559367703_/_495343853_1'	1.03	3.33	3.33	1.736	1.2	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	993	'4010623_/_4010620'	3.1	10	10	5.208	3.9	10	0.52 No	0.52	Unintentional Islanding
SCL312	994	'43433926_/_4047624_2'	3.1	10	10	5.208	3.9	10	0.52 No	0.52	Unintentional Islanding
SCL312	995	'4008451_/_4008448'	3.1	10	10	5.208	3.9	10	0.52 No	0.52	Unintentional Islanding
SCL312	996	'4013752_/_4013933'	3.1	10	10	5.208	10	10	0.52 No	0.52	Unintentional Islanding
SCL312	997	'495343619_/_495343719_1'	1.03	3.33	3.33	1.736	1.2	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	998	'3982429_/_3982426'	3.1	10	10	5.208	3.9	10	0.52 No	0.52	Unintentional Islanding
SCL312	999	'4041240_/_4041255'	3.1	10	10	5.208	4.2	10	0.52 No	0.52	Unintentional Islanding
SCL312	1000	'474438940_/_4041238'	3.1	10	10	5.208	4.2	10	0.52 No	0.52	Unintentional Islanding
SCL312	1001	'517450919_/_4008640_1'	3.1	10	10	5.208	2.3	10	0.52 No	0.52	Unintentional Islanding
SCL312	1002	'43433591_/_4040676'	3.1	10	10	5.208	3.9	10	0.52 No	0.52	Unintentional Islanding
SCL312	1003	'4039839_/_4039836'	1.03	3.33	3.33	1.736	1.3	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	1004	'211752082_/_8245908_1'	3.1	10	10	5.208	3.9	10	0.52 No	0.52	Unintentional Islanding
SCL312	1005	'4013692_/_474438948'	3.1	10	10	5.208	4.2	10	0.52 No	0.52	Unintentional Islanding
SCL312	1006	'4008556_/_4008567'	3.1	10	10	5.208	3.9	10	0.52 No	0.52	Unintentional Islanding
SCL312	1007	'3988404_/_3988402'	0.93	3.33	3.33	1.736	0.8	3.33	0.18 No	0.18	Unintentional Islanding
SCL312	1008	'513971993_/_4047085_1'	3.1	10	10	5.208	3.9	10	0.52 No	0.52	Unintentional Islanding
SCL312	1009	'467069227_/_467069224'	3.1	10	10	5.208	3.8	10	0.52 No	0.52	Unintentional Islanding
SCL312	1010	'417938040_/_495377777_1'	1.03	3.33	3.33	1.736	0.7	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	1011	'4008898_/_4013750'	3.1	10	10	5.208	10	10	0.52 No	0.52	Unintentional Islanding
SCL312	1012	'43433578_/_43433593'	3.1	10	10	5.208	3.9	10	0.52 No	0.52	Unintentional Islanding
SCL312	1013	'7607994_/_7607991_2'	0.93	3.33	3.33	1.736	0.5	3.33	0.18 No	0.18	Unintentional Islanding
SCL312	1014	'43430128_/_4014642'	0.93	3.33	3.33	1.736	1.33	3.33	0.18 No	0.18	Unintentional Islanding
SCL312	1015	'553855914_/_4013707_1'	3.1	10	10	5.208	3.8	10	0.52 No	0.52	Unintentional Islanding
SCL312	1016	'559382458_/_495377688_1'	1.03	3.33	3.33	1.736	0.7	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	1017	'4039661_/_4039674'	1.03	3.33	3.33	1.736	1.3	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	1018	'43433939_/_43433941'	3.1	10	10	5.208	3.9	10	0.52 No	0.52	Unintentional Islanding
SCL312	1019	'4039454_/_43419999'	1.03	3.33	3.33	1.736	1.27	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	1020	'4040811_/_4040809_2'	2.07	6.67	6.67	3.472	2.6	6.67	0.35 No	0.35	Unintentional Islanding
SCL312	1021	'3982260_/_4009175'	3.1	10	10	5.208	3.9	10	0.52 No	0.52	Unintentional Islanding
SCL312	1022	'4008937_/_4009091'	3.1	10	10	5.208	10	10	0.52 No	0.52	Unintentional Islanding
SCL312	1023	'4040661_/_43433580'	3.1	10	10	5.208	3.9	10	0.52 No	0.52	Unintentional Islanding
SCL312	1024	'4010138_/_4013690'	3.1	10	10	5.208	4.2	10	0.52 No	0.52	Unintentional Islanding
SCL312	1025	'43427047_/_4046758'	0.93	3.33	3.33	1.736	1.3	3.33	0.18 No	0.18	Unintentional Islanding
SCL312	1026	'495377631_/_495377629'	1.03	3.33	3.33	1.736	1.3	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	1027	'495191058_/_495191127_1'	3.1	10	10	5.208	3.9	10	0.52 No	0.52	Unintentional Islanding

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SCL312	1028	'495343529_/4009108_1'	1.03	3.33	3.33	1.736	1.3	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	1029	'495191092_/495191127_2'	3.1	10	10	5.208	3.9	10	0.52 No	0.52	Unintentional Islanding
SCL312	1030	'495377018_/43429116_1'	1.03	3.33	3.33	1.736	0.8	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	1031	'4039552_/4039565'	1.03	3.33	3.33	1.736	1.3	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	1032	'559367498_/4008947_1'	1.03	3.33	3.33	1.736	1.3	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	1033	'4041095_/4041093_2'	1.03	3.33	3.33	1.736	1.2	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	1034	'4040662_/4040659'	3.1	10	10	5.208	3.9	10	0.52 No	0.52	Unintentional Islanding
SCL312	1035	'495343510_/43423273_1'	1.03	3.33	3.33	1.736	1.2	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	1036	'211752071_/8245908_2'	3.1	10	10	5.208	3.9	10	0.52 No	0.52	Unintentional Islanding
SCL312	1037	'515818652_/515818649'	1.03	3.33	3.33	1.736	1.2	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	1038	'43423132_/495343719_2'	1.03	3.33	3.33	1.736	1.2	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	1039	'3982242_/4009057'	3.1	10	10	5.208	10	10	0.52 No	0.52	Unintentional Islanding
SCL312	1040	'439721876_/439721777'	2.07	6.67	6.67	3.472	2.5	6.67	0.35 No	0.35	Unintentional Islanding
SCL312	1041	'4010139_/4010136'	3.1	10	10	5.208	4.2	10	0.52 No	0.52	Unintentional Islanding
SCL312	1042	'8556425_/533862876_1'	1.2	3.33	3.33	1.736	1.2	3.33	0.18 No	0.18	Unintentional Islanding
SCL312	1043	'467069378_/467069248'	3.1	10	10	5.208	3.8	10	0.52 No	0.52	Unintentional Islanding
SCL312	1044	'495343423_/4008934_2'	1.03	3.33	3.33	1.736	2.9	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	1045	'515819603_/515819600'	1.03	3.33	3.33	1.736	1.2	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	1046	'51456548_/4012922'	3.1	10	10	5.208	3.9	10	0.52 No	0.52	Unintentional Islanding
SCL312	1047	'4040712_/4040727'	3.1	10	10	5.208	3.9	10	0.52 No	0.52	Unintentional Islanding
SCL312	1048	'7791652_/7791649'	0.57	3.33	3.33	1.736	0.5	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	1049	'3714020_/3714186_1'	1.1	10	10	5.208	6.1	10	0.53 No	0.53	Unintentional Islanding
SCL312	1050	'4010347_/4010344'	3.1	10	10	5.208	4.2	10	0.52 No	0.52	Unintentional Islanding
SCL312	1051	'4008557_/495377777_2'	1.03	3.33	3.33	1.736	0.7	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	1052	'4039409_/43419977'	1.03	3.33	3.33	1.736	1.27	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	1053	'3982288_/51456550'	3.1	10	10	5.208	3.9	10	0.52 No	0.52	Unintentional Islanding
SCL312	1054	'43429114_/43429116_2'	1.03	3.33	3.33	1.736	0.8	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	1055	'3982200_/3982240'	3.1	10	10	5.208	10	10	0.52 No	0.52	Unintentional Islanding
SCL312	1056	'495190576_/495190573'	1.03	3.33	3.33	1.736	1.2	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	1057	'43421148_/43421150'	3.1	10	10	5.208	3.9	10	0.52 No	0.52	Unintentional Islanding
SCL312	1058	'553855447_/495191296_1'	1.03	3.33	3.33	1.736	1.2	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	1059	'4010414_/495343853_2'	1.03	3.33	3.33	1.736	1.2	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	1060	'495343252_/3982210_1'	1.03	3.33	3.33	1.736	1.2	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	1061	'4040876_/4041218_2'	3.1	10	10	5.208	3.9	10	0.52 No	0.52	Unintentional Islanding
SCL312	1062	'4040830_/4040827'	2.07	6.67	6.67	3.472	2.6	6.67	0.35 No	0.35	Unintentional Islanding
SCL312	1063	'4047643_/450008950_2'	3.1	10	10	5.208	3.9	10	0.52 No	0.52	Unintentional Islanding
SCL312	1064	'3714206_/3714203'	1.1	10	10	5.208	10	10	0.53 No	0.53	Unintentional Islanding
SCL312	1065	'4040713_/4040710'	3.1	10	10	5.208	3.9	10	0.52 No	0.52	Unintentional Islanding
SCL312	1066	'3982226_/3982223'	3.1	10	10	5.208	10	10	0.52 No	0.52	Unintentional Islanding
SCL312	1067	'4008924_/4008934_1'	1.03	3.33	3.33	1.736	1.3	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	1068	'495343287_/3982197_1'	1.03	3.33	3.33	1.736	1.3	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	1069	'553854836_/4013707_2'	3.1	10	10	5.208	3.8	10	0.52 No	0.52	Unintentional Islanding
SCL312	1070	'4008156_/495377168_2'	1.03	3.33	3.33	1.736	0.8	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	1071	'450008928_/450008950_1'	3.1	10	10	5.208	2.3	10	0.52 No	0.52	Unintentional Islanding
SCL312	1072	'495191299_/495191296_2'	1.03	3.33	3.33	1.736	1.2	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	1073	'4010787_/4040747'	3.1	10	10	5.208	3.9	10	0.52 No	0.52	Unintentional Islanding
SCL312	1074	'4009077_/4009074'	3.1	10	10	5.208	10	10	0.52 No	0.52	Unintentional Islanding
SCL312	1075	'4010906_/4010903'	3.1	10	10	5.208	3.9	10	0.52 No	0.52	Unintentional Islanding
SCL312	1076	'559382452_/495377688_2'	1.03	3.33	3.33	1.736	0.7	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	1077	'4010610_/495343756'	1.03	3.33	3.33	1.736	1.2	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	1078	'7928956_/9185991'	0.73	3.33	3.33	1.736	1.3	3.33	0.18 No	0.18	Unintentional Islanding
SCL312	1079	'495191376_/4011151_1'	2.07	6.67	6.67	3.472	2.6	6.67	0.35 No	0.35	Unintentional Islanding
SCL312	1080	'495191396_/513970871_2'	1.03	3.33	3.33	1.736	1.3	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	1081	'4010888_/4010923'	3.1	10	10	5.208	3.9	10	0.52 No	0.52	Unintentional Islanding
SCL312	1082	'4009123_/4009121'	3.1	10	10	5.208	10	10	0.52 No	0.52	Unintentional Islanding
SCL312	1083	'4008643_/4008640_2'	3.1	10	10	5.208	2.3	10	0.52 No	0.52	Unintentional Islanding
SCL312	1084	'43420954_/4010886'	3.1	10	10	5.208	3.9	10	0.52 No	0.52	Unintentional Islanding
SCL312	1085	'476224689_/4028451'	3.1	10	10	5.208	10	10	0.52 No	0.52	Unintentional Islanding
SCL312	1086	'347868431_/347868428'	3.1	10	10	5.208	10	10	0.52 No	0.52	Unintentional Islanding
SCL312	1087	'4039539_/4039549'	1.03	3.33	3.33	1.736	1.3	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	1088	'3982199_/3982197_2'	1.03	3.33	3.33	1.736	1.3	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	1089	'515819849_/476224693_1'	3.1	10	10	5.208	4	10	0.52 No	0.52	Unintentional Islanding
SCL312	1090	'3982259_/3982257'	1.03	3.33	3.33	1.736	0.8	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	1091	'515818667_/515818664'	1.03	3.33	3.33	1.736	1.2	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	1092	'4008950_/4008947_2'	1.03	3.33	3.33	1.736	1.3	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	1093	'4028454_/476224693_2'	3.1	10	10	5.208	4	10	0.52 No	0.52	Unintentional Islanding
SCL312	1094	'495377829_/495377827'	1.03	3.33	3.33	1.736	0.7	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	1095	'4010943_/43420956'	3.1	10	10	5.208	3.9	10	0.52 No	0.52	Unintentional Islanding
SCL312	1096	'515819618_/515819615'	1.03	3.33	3.33	1.736	1.2	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	1097	'553854682_/4040874'	3.1	10	10	5.208	3.9	10	0.52 No	0.52	Unintentional Islanding
SCL312	1098	'4041125_/43421113'	1.03	3.33	3.33	1.736	1.3	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	1099	'439721938_/439721793'	2.07	6.67	6.67	3.472	2.5	6.67	0.35 No	0.35	Unintentional Islanding
SCL312	1100	'8556722_/495190466'	3.1	10	10	5.208	2.3	10	0.52 No	0.52	Unintentional Islanding
SCL312	1101	'43425177_/3988418'	0.93	3.33	3.33	1.736	0.8	3.33	0.18 No	0.18	Unintentional Islanding
SCL312	1102	'553580068_/69613157'	0.53	3.33	3.33	1.736	1.3	3.33	0.18 No	0.18	Unintentional Islanding
SCL312	1103	'43433876_/4047105'	3.1	10	10	5.208	3.9	10	0.52 No	0.52	Unintentional Islanding
SCL312	1104	'43420054_/43420056'	1.03	3.33	3.33	1.736	1.3	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	1105	'4007894_/495377648'	1.03	3.33	3.33	1.736	1.3	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	1106	'513970873_/513970871_1'	1.03	3.33	3.33	1.736	1.3	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	1107	'495377198_/495377187'	1.03	3.33	3.33	1.736	0.8	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	1108	'4028535_/4028532'	3.1	10	10	5.208	4	10	0.52 No	0.52	Unintentional Islanding
SCL312	1109	'495343887_/495343884'	1.03	3.33	3.33	1.736	1.2	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	1110	'90308093_/90308104'	0.47	3.33	3.33	1.736	1.3	3.33	0.18 No	0.18	Unintentional Islanding
SCL312	1111	'4010609_/495343769'	1.03	3.33	3.33	1.736	1.2	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	1112	'4008897_/43423273_2'	1.03	3.33	3.33	1.736	1.2	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	1113	'4008911_/4008921'	1.03	3.33	3.33	1.736	1.3	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	1114	'4014497_/4028549'	3.1	10	10	5.208	4	10	0.52 No	0.52	Unintentional Islanding
SCL312	1115	'3982213_/3982210_2'	1.03	3.33	3.33	1.736	1.2	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	1116	'43369813_/43369826'	0.47	3.33	3.33	1.736	1.37	3.33	0.18 No	0.18	Unintentional Islanding
SCL312	1117	'553854852_/4041272'	1.03	3.33	3.33	1.736	1.27	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	1118	'4008527_/4009108_2'	1.03	3.33	3.33	1.736	1.3	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	1119	'7501470_/8556756_2'	0.93	3.33	3.33	1.736	0.8	3.33	0.18 No	0.18	Unintentional Islanding
SCL312	1120	'43433567_/495191317'	1.03	3.33	3.33	1.736	1.2	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	1121	'51456520_/4014495'	3.1	10	10	5.208	4	10	0.52 No	0.52	Unintentional Islanding

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SCL312	1122	'3714259_/_43430130'		0.93	3.33	3.33	1.736	1.33	3.33	0.18 No	0.18 Unintentional Islanding
SCL312	1123	'415017374_/_495377840'		1.03	3.33	3.33	1.736	0.7	3.33	0.17 No	0.17 Unintentional Islanding
SCL312	1124	'517450931_/_4039163'		3.1	10	10	5.208	2.3	10	0.52 No	0.52 Unintentional Islanding
SCL312	1125	'8532892_/_8532890_1'		0.93	3.33	3.33	1.736	0.7	3.33	0.18 No	0.18 Unintentional Islanding
SCL312	1126	'4039538_/_4039536'		1.03	3.33	3.33	1.736	1.3	3.33	0.17 No	0.17 Unintentional Islanding
SCL312	1127	'51457617_/_51457218'		3.1	10	10	5.208	4	10	0.52 No	0.52 Unintentional Islanding
SCL312	1128	'515819631_/_515819628'		1.03	3.33	3.33	1.736	1.2	3.33	0.17 No	0.17 Unintentional Islanding
SCL312	1129	'559684838_/_4007891'		1.03	3.33	3.33	1.736	1.3	3.33	0.17 No	0.17 Unintentional Islanding
SCL312	1130	'4011154_/_4011151_2'		2.07	6.67	6.67	3.472	2.6	6.67	0.35 No	0.35 Unintentional Islanding
SCL312	1131	'51457592_/_51457444'		3.1	10	10	5.208	4	10	0.52 No	0.52 Unintentional Islanding
SCL312	1132	'4007975_/_4014373'		1.03	3.33	3.33	1.736	0.8	3.33	0.17 No	0.17 Unintentional Islanding
SCL312	1133	'4007851_/_4008960'		1.03	3.33	3.33	1.736	1.3	3.33	0.17 No	0.17 Unintentional Islanding
SCL312	1134	'43420852_/_420551220'		1.03	3.33	3.33	1.736	1.25	3.33	0.17 No	0.17 Unintentional Islanding
SCL312	1135	'439721884_/_439721809'		1.03	3.33	3.33	1.736	1.25	3.33	0.17 No	0.17 Unintentional Islanding
SCL312	1136	'51457593_/_51457465'		3.1	10	10	5.208	4	10	0.52 No	0.52 Unintentional Islanding
SCL312	1137	'513970908_/_513970886'		1.03	3.33	3.33	1.736	1.3	3.33	0.17 No	0.17 Unintentional Islanding
SCL312	1138	'4010678_/_513970905'		1.03	3.33	3.33	1.736	1.3	3.33	0.17 No	0.17 Unintentional Islanding
SCL312	1139	'4039185_/_43420980'		1.03	3.33	3.33	1.736	1.3	3.33	0.17 No	0.17 Unintentional Islanding
SCL312	1140	'43425182_/_43425179'		0.93	3.33	3.33	1.736	0.8	3.33	0.18 No	0.18 Unintentional Islanding
SCL312	1141	'559684700_/_345434317_1'		3.1	10	10	5.208	3.9	10	0.52 No	0.52 Unintentional Islanding
SCL312	1142	'43423121_/_495343798'		1.03	3.33	3.33	1.736	1.2	3.33	0.17 No	0.17 Unintentional Islanding
SCL312	1143	'54929528_/_54929535'		0.57	3.33	3.33	1.736	0.5	3.33	0.17 No	0.17 Unintentional Islanding
SCL312	1144	'43423337_/_4009005'		1.03	3.33	3.33	1.736	1.3	3.33	0.17 No	0.17 Unintentional Islanding
SCL312	1145	'4008170_/_495377196'		1.03	3.33	3.33	1.736	0.8	3.33	0.17 No	0.17 Unintentional Islanding
SCL312	1146	'8532893_/_8532890_2'		0.93	3.33	3.33	1.736	0.7	3.33	0.18 No	0.18 Unintentional Islanding
SCL312	1147	'51457597_/_51457486'		3.1	10	10	5.208	4	10	0.52 No	0.52 Unintentional Islanding
SCL312	1148	'43420359_/_495343897'		1.03	3.33	3.33	1.736	1.2	3.33	0.17 No	0.17 Unintentional Islanding
SCL312	1149	'4007935_/_4009018'		1.03	3.33	3.33	1.736	1.2	3.33	0.17 No	0.17 Unintentional Islanding
SCL312	1150	'3982105_/_439659058'		1.03	3.33	3.33	1.736	1.25	3.33	0.17 No	0.17 Unintentional Islanding
SCL312	1151	'515819644_/_515819641'		1.03	3.33	3.33	1.736	1.2	3.33	0.17 No	0.17 Unintentional Islanding
SCL312	1152	'3714260_/_3714257'		0.93	3.33	3.33	1.736	1.33	3.33	0.18 No	0.18 Unintentional Islanding
SCL312	1153	'4010506_/_515818879'		1.03	3.33	3.33	1.736	1.25	3.33	0.17 No	0.17 Unintentional Islanding
SCL312	1154	'4010480_/_515818914'		1.03	3.33	3.33	1.736	1.25	3.33	0.17 No	0.17 Unintentional Islanding
SCL312	1155	'51457601_/_51457507'		3.1	10	10	5.208	4	10	0.52 No	0.52 Unintentional Islanding
SCL312	1156	'415017541_/_415017523'		1.03	3.33	3.33	1.736	0.7	3.33	0.17 No	0.17 Unintentional Islanding
SCL312	1157	'345434298_/_345434317_2'		3.1	10	10	5.208	3.9	10	0.52 No	0.52 Unintentional Islanding
SCL312	1158	'90308231_/_90308242_1'		0.47	3.33	3.33	1.736	1.3	3.33	0.17 No	0.17 Unintentional Islanding
SCL312	1159	'517450329_/_514818454_1'		3.1	10	10	5.208	3.8	10	0.52 No	0.52 Unintentional Islanding
SCL312	1160	'495191329_/_495191326'		1.03	3.33	3.33	1.736	1.2	3.33	0.17 No	0.17 Unintentional Islanding
SCL312	1161	'3714341_/_3714351_1'		0.93	3.33	3.33	1.736	0.7	3.33	0.18 No	0.18 Unintentional Islanding
SCL312	1162	'439658948_/_439658931'		1.03	3.33	3.33	1.736	1.25	3.33	0.17 No	0.17 Unintentional Islanding
SCL312	1163	'4007822_/_4008525'		1.03	3.33	3.33	1.736	1.3	3.33	0.17 No	0.17 Unintentional Islanding
SCL312	1164	'4008910_/_43423295'		1.03	3.33	3.33	1.736	1.3	3.33	0.17 No	0.17 Unintentional Islanding
SCL312	1165	'553580100_/_553580116'		0.53	3.33	3.33	1.736	1.3	3.33	0.18 No	0.18 Unintentional Islanding
SCL312	1166	'51457605_/_51457528'		3.1	10	10	5.208	4	10	0.52 No	0.52 Unintentional Islanding
SCL312	1167	'4007974_/_4007972'		1.03	3.33	3.33	1.736	0.8	3.33	0.17 No	0.17 Unintentional Islanding
SCL312	1168	'4011172_/_4011169'		2.07	6.67	6.67	3.472	2.6	6.67	0.35 No	0.35 Unintentional Islanding
SCL312	1169	'515819184_/_526990356'		1.03	3.33	3.33	1.736	1.25	3.33	0.17 No	0.17 Unintentional Islanding
SCL312	1170	'44073314_/_44073316'		1.1	10	10	5.208	6.1	10	0.53 No	0.53 Unintentional Islanding
SCL312	1171	'4047341_/_4047354'		1.03	3.33	3.33	1.736	1.3	3.33	0.17 No	0.17 Unintentional Islanding
SCL312	1172	'4007923_/_4008989'		1.03	3.33	3.33	1.736	1.3	3.33	0.17 No	0.17 Unintentional Islanding
SCL312	1173	'3721894_/_105008443'		1.4	10	10	5.208	4.1	10	0.53 No	0.53 Unintentional Islanding
SCL312	1174	'8556723_/_495190519'		3.1	10	10	5.208	2.3	10	0.52 No	0.52 Unintentional Islanding
SCL312	1175	'4011190_/_495377466_1'		2.07	6.67	6.67	3.472	1.6	6.67	0.35 No	0.35 Unintentional Islanding
SCL312	1176	'4040372_/_43420854'		1.03	3.33	3.33	1.736	1.25	3.33	0.17 No	0.17 Unintentional Islanding
SCL312	1177	'495343811_/_495343809'		1.03	3.33	3.33	1.736	1.2	3.33	0.17 No	0.17 Unintentional Islanding
SCL312	1178	'51457609_/_51457549'		3.1	10	10	5.208	4	10	0.52 No	0.52 Unintentional Islanding
SCL312	1179	'495377246_/_495377243'		1.03	3.33	3.33	1.736	0.8	3.33	0.17 No	0.17 Unintentional Islanding
SCL312	1180	'515819080_/_515819077'		1.03	3.33	3.33	1.736	1.25	3.33	0.17 No	0.17 Unintentional Islanding
SCL312	1181	'7608674_/_514818454_2'		3.1	10	10	5.208	3.8	10	0.52 No	0.52 Unintentional Islanding
SCL312	1182	'7292329_/_9500552'		0.93	3.33	3.33	1.736	0.5	3.33	0.18 No	0.18 Unintentional Islanding
SCL312	1183	'9394488_/_9714746'		0.57	3.33	3.33	1.736	1.3	3.33	0.17 No	0.17 Unintentional Islanding
SCL312	1184	'51457613_/_51457570'		3.1	10	10	5.208	4	10	0.52 No	0.52 Unintentional Islanding
SCL312	1185	'553856170_/_4012993_2'		3.1	10	10	5.208	4	10	0.52 No	0.52 Unintentional Islanding
SCL312	1186	'3722213_/_3722210'		1.4	10	10	5.208	4.1	10	0.53 No	0.53 Unintentional Islanding
SCL312	1187	'9080697_/_9708412'		0.93	3.33	3.33	1.736	0.8	3.33	0.18 No	0.18 Unintentional Islanding
SCL312	1188	'4013769_/_43420361'		1.03	3.33	3.33	1.736	1.2	3.33	0.17 No	0.17 Unintentional Islanding
SCL312	1189	'4012945_/_4012993_1'		3.1	10	10	5.208	3.9	10	0.52 No	0.52 Unintentional Islanding
SCL312	1190	'515818942_/_515818939'		1.03	3.33	3.33	1.736	1.25	3.33	0.17 No	0.17 Unintentional Islanding
SCL312	1191	'515819663_/_515819660'		1.03	3.33	3.33	1.736	1.2	3.33	0.17 No	0.17 Unintentional Islanding
SCL312	1192	'51457770_/_51457705'		3.1	10	10	5.208	4	10	0.52 No	0.52 Unintentional Islanding
SCL312	1193	'4007922_/_4007920'		1.03	3.33	3.33	1.736	1.3	3.33	0.17 No	0.17 Unintentional Islanding
SCL312	1194	'3722230_/_3722247_1'		1.4	10	10	5.208	2.5	10	0.53 No	0.53 Unintentional Islanding
SCL312	1195	'497006027_/_497005993_1'		1.03	3.33	3.33	1.736	0.7	3.33	0.17 No	0.17 Unintentional Islanding
SCL312	1196	'4012944_/_4012942'		3.1	10	10	5.208	3.9	10	0.52 No	0.52 Unintentional Islanding
SCL312	1197	'3714272_/_3714270'		0.93	3.33	3.33	1.736	1.33	3.33	0.18 No	0.18 Unintentional Islanding
SCL312	1198	'7928957_/_7928954_1'		0.7	3.33	3.33	1.736	1.2	3.33	0.18 No	0.18 Unintentional Islanding
SCL312	1199	'4014514_/_4014512'		3.1	10	10	5.208	3.9	10	0.52 No	0.52 Unintentional Islanding
SCL312	1200	'4039261_/_4039276'		3.1	10	10	5.208	3.9	10	0.52 No	0.52 Unintentional Islanding
SCL312	1201	'43423326_/_4007933'		1.03	3.33	3.33	1.736	1.2	3.33	0.17 No	0.17 Unintentional Islanding
SCL312	1202	'4010467_/_4010477'		1.03	3.33	3.33	1.736	1.25	3.33	0.17 No	0.17 Unintentional Islanding
SCL312	1203	'43429164_/_43429166'		3.1	10	10	5.208	3.9	10	0.52 No	0.52 Unintentional Islanding
SCL312	1204	'4011122_/_4011229'		2.07	6.67	6.67	3.472	2.6	6.67	0.35 No	0.35 Unintentional Islanding
SCL312	1205	'4007852_/_4007849'		1.03	3.33	3.33	1.736	1.3	3.33	0.17 No	0.17 Unintentional Islanding
SCL312	1206	'4014135_/_495377272'		1.03	3.33	3.33	1.736	0.8	3.33	0.17 No	0.17 Unintentional Islanding
SCL312	1207	'515819183_/_515819181'		1.03	3.33	3.33	1.736	1.25	3.33	0.17 No	0.17 Unintentional Islanding
SCL312	1208	'4012723_/_4012737'		3.1	10	10	5.208	3.9	10	0.52 No	0.52 Unintentional Islanding
SCL312	1209	'559382639_/_4013767_1'		1.03	3.33	3.33	1.736	1.3	3.33	0.17 No	0.17 Unintentional Islanding
SCL312	1210	'49483922_/_7589245_2'		0.93	3.33	3.33	1.736	1.33	3.33	0.18 No	0.18 Unintentional Islanding
SCL312	1211	'439658767_/_4040370'		1.03	3.33	3.33	1.736	1.25	3.33	0.17 No	0.17 Unintentional Islanding
SCL312	1212	'4047340_/_4047338'		1.03	3.33	3.33	1.736	1.3	3.33	0.17 No	0.17 Unintentional Islanding
SCL312	1213	'43422698_/_515819675'		1.03	3.33	3.33	1.736	1.2	3.33	0.17 No	0.17 Unintentional Islanding
SCL312	1214	'515819097_/_515819094'		1.03	3.33	3.33	1.736	1.25	3.33	0.17 No	0.17 Unintentional Islanding
SCL312	1215	'105008487_/_105008498_1'		0.47	3.33	3.33	1.736	0.7	3.33	0.18 No	0.18 Unintentional Islanding

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SCL312	1216	'43429101_/_43429103'	3.1	10	10	5.208	3.9	10	0.52 No	0.52	Unintentional Islanding
SCL312	1217	'43423282_/_4007820'	1.03	3.33	3.33	1.736	1.3	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	1218	'7292114_/_7607863'	1.1	3.33	3.33	1.736	1.4	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	1219	'44847778_/_4012754'	3.1	10	10	5.208	3.9	10	0.52 No	0.52	Unintentional Islanding
SCL312	1220	'4011137_/_4011216'	1.03	3.33	3.33	1.736	1.3	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	1221	'3722140_/_3722138_1'	0.47	3.33	3.33	1.736	0.8	3.33	0.18 No	0.18	Unintentional Islanding
SCL312	1222	'3713935_/_3714351_2'	0.93	3.33	3.33	1.736	0.7	3.33	0.18 No	0.18	Unintentional Islanding
SCL312	1223	'515819687_/_515819684'	1.03	3.33	3.33	1.736	1.2	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	1224	'9394489_/_9394486'	0.57	3.33	3.33	1.736	1.3	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	1225	'515818976_/_515818973'	1.03	3.33	3.33	1.736	1.25	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	1226	'553580289_/_553580325'	0.53	3.33	3.33	1.736	1.3	3.33	0.18 No	0.18	Unintentional Islanding
SCL312	1227	'7292113_/_7292111'	1.1	3.33	3.33	1.736	1.4	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	1228	'3722195_/_3722247_2'	1.4	10	10	5.208	2.5	10	0.53 No	0.53	Unintentional Islanding
SCL312	1229	'3722110_/_3722138_2'	0.47	3.33	3.33	1.736	0.8	3.33	0.18 No	0.18	Unintentional Islanding
SCL312	1230	'4008502_/_495377298'	1.03	3.33	3.33	1.736	0.8	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	1231	'4011123_/_4011120'	2.07	6.67	6.67	3.472	2.6	6.67	0.35 No	0.35	Unintentional Islanding
SCL312	1232	'90215097_/_90308139'	0.47	3.33	3.33	1.736	1.3	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	1233	'439658430_/_4040383'	1.03	3.33	3.33	1.736	1.25	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	1234	'43420875_/_515819107'	1.03	3.33	3.33	1.736	1.25	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	1235	'526990386_/_515819198'	1.03	3.33	3.33	1.736	1.25	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	1236	'3982348_/_43423284'	1.03	3.33	3.33	1.736	1.3	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	1237	'4010466_/_4010464'	1.03	3.33	3.33	1.736	1.25	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	1238	'90308293_/_90308304'	0.47	3.33	3.33	1.736	1.3	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	1239	'54929559_/_54929566'	0.57	3.33	3.33	1.736	0.5	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	1240	'43370054_/_3714283'	0.93	3.33	3.33	1.736	1.33	3.33	0.18 No	0.18	Unintentional Islanding
SCL312	1241	'3721705_/_43369815'	0.47	3.33	3.33	1.736	1.37	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	1242	'4007864_/_4013983'	1.03	3.33	3.33	1.736	1.3	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	1243	'515819706_/_515819703'	1.03	3.33	3.33	1.736	1.2	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	1244	'482986346_/_482986362'	3.1	10	10	5.208	3.9	10	0.52 No	0.52	Unintentional Islanding
SCL312	1245	'43420897_/_515819718'	1.03	3.33	3.33	1.736	1.2	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	1246	'4008515_/_495377339'	1.03	3.33	3.33	1.736	0.8	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	1247	'4007949_/_43423328'	1.03	3.33	3.33	1.736	1.2	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	1248	'559382659_/_3982346_1'	1.03	3.33	3.33	1.736	1.3	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	1249	'3714003_/_3714017'	1	10	10	5.208	6.1	10	0.53 No	0.53	Unintentional Islanding
SCL312	1250	'7292330_/_7292327'	0.93	3.33	3.33	1.736	0.5	3.33	0.18 No	0.18	Unintentional Islanding
SCL312	1251	'3982015_/_515819120'	1.03	3.33	3.33	1.736	1.25	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	1252	'277015118_/_277015073'	1.03	3.33	3.33	1.736	1.3	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	1253	'43421013_/_7167929'	3.1	10	10	5.208	3.9	10	0.52 No	0.52	Unintentional Islanding
SCL312	1254	'4014109_/_4014283'	1.03	3.33	3.33	1.736	0.8	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	1255	'515819730_/_515819727'	1.03	3.33	3.33	1.736	1.2	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	1256	'9080698_/_9080695'	0.93	3.33	3.33	1.736	0.8	3.33	0.18 No	0.18	Unintentional Islanding
SCL312	1257	'43423304_/_4007862'	1.03	3.33	3.33	1.736	1.3	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	1258	'3722196_/_3722193'	1.4	10	10	5.208	2.5	10	0.53 No	0.53	Unintentional Islanding
SCL312	1259	'7273511_/_7589245_1'	0.93	3.33	3.33	1.736	0.8	3.33	0.18 No	0.18	Unintentional Islanding
SCL312	1260	'4014121_/_495377354'	1.03	3.33	3.33	1.736	0.8	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	1261	'4010666_/_4011135'	1.03	3.33	3.33	1.736	1.3	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	1262	'3713936_/_3713933'	0.93	3.33	3.33	1.736	0.7	3.33	0.18 No	0.18	Unintentional Islanding
SCL312	1263	'495376923_/_43423306_1'	1.03	3.33	3.33	1.736	0.7	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	1264	'3721706_/_3721703'	0.47	3.33	3.33	1.736	1.37	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	1265	'515819751_/_515819748'	1.03	3.33	3.33	1.736	1.2	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	1266	'553579952_/_553579968'	0.47	3.33	3.33	1.736	0.7	3.33	0.18 No	0.18	Unintentional Islanding
SCL312	1267	'515819132_/_515819129'	1.03	3.33	3.33	1.736	1.25	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	1268	'3714299_/_43370056'	0.93	3.33	3.33	1.736	1.33	3.33	0.18 No	0.18	Unintentional Islanding
SCL312	1269	'8532877_/_8532874'	0.5	3.33	3.33	1.736	1.3	3.33	0.18 No	0.18	Unintentional Islanding
SCL312	1270	'497005977_/_497005993_2'	1.03	3.33	3.33	1.736	0.7	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	1271	'4008118_/_4014106'	1.03	3.33	3.33	1.736	0.8	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	1272	'4008540_/_4014025'	1.03	3.33	3.33	1.736	1.2	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	1273	'54929587_/_54929589'	0.57	3.33	3.33	1.736	0.5	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	1274	'515819793_/_515819790'	1.03	3.33	3.33	1.736	1.2	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	1275	'7292314_/_9500568'	0.93	3.33	3.33	1.736	0.5	3.33	0.18 No	0.18	Unintentional Islanding
SCL312	1276	'495376981_/_4008538_1'	1.03	3.33	3.33	1.736	0.7	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	1277	'4008130_/_495377369'	1.03	3.33	3.33	1.736	0.8	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	1278	'69613146_/_553580287'	0.53	3.33	3.33	1.736	1.3	3.33	0.18 No	0.18	Unintentional Islanding
SCL312	1279	'515819149_/_515819146'	1.03	3.33	3.33	1.736	1.25	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	1280	'3722267_/_3722284'	1.4	10	10	5.208	2.5	10	0.52 No	0.52	Unintentional Islanding
SCL312	1281	'8533329_/_8533326'	0.57	3.33	3.33	1.736	1.3	3.33	0.18 No	0.18	Unintentional Islanding
SCL312	1282	'526990813_/_515819811'	1.03	3.33	3.33	1.736	1.2	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	1283	'515819770_/_515819767'	1.03	3.33	3.33	1.736	1.2	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	1284	'553580515_/_553580523'	0.47	3.33	3.33	1.736	0.7	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	1285	'43370065_/_3714309'	0.93	3.33	3.33	1.736	1.33	3.33	0.18 No	0.18	Unintentional Islanding
SCL312	1286	'43421000_/_43421015'	3.1	10	10	5.208	3.9	10	0.52 No	0.52	Unintentional Islanding
SCL312	1287	'43420989_/_495377384'	1.03	3.33	3.33	1.736	0.8	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	1288	'43421026_/_43421028'	1.03	3.33	3.33	1.736	1.3	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	1289	'4008117_/_4008115'	1.03	3.33	3.33	1.736	0.8	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	1290	'515819072_/_515819165'	1.03	3.33	3.33	1.736	1.25	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	1291	'121449742_/_43421002_1'	3.1	10	10	5.208	3.9	10	0.52 No	0.52	Unintentional Islanding
SCL312	1292	'86431766_/_43421002_2'	3.1	10	10	5.208	3.9	10	0.52 No	0.52	Unintentional Islanding
SCL312	1293	'54929868_/_54929883'	0.57	3.33	3.33	1.736	1.3	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	1294	'9397445_/_9703688_1'	3.1	10	10	5.208	3.9	10	0.52 No	0.52	Unintentional Islanding
SCL312	1295	'44067537_/_44067539'	1	10	10	5.208	6.1	10	0.52 No	0.52	Unintentional Islanding
SCL312	1296	'3722266_/_3722264'	1.4	10	10	5.208	2.5	10	0.52 No	0.52	Unintentional Islanding
SCL312	1297	'8533195_/_8807484_1'	1.4	10	10	5.208	1.6	10	0.52 No	0.52	Unintentional Islanding
SCL312	1298	'495377442_/_495377439'	1.03	3.33	3.33	1.736	0.8	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	1299	'9703691_/_9703688_2'	3.1	10	10	5.208	3.9	10	0.52 No	0.52	Unintentional Islanding
SCL312	1300	'3714325_/_43370067'	0.93	3.33	3.33	1.736	1.33	3.33	0.18 No	0.18	Unintentional Islanding
SCL312	1301	'9148451_/_70310256_1'	0.57	3.3	3.33	1.736	0.7	3.33	0.18 No	0.18	Unintentional Islanding
SCL312	1302	'49200320_/_7273541_1'	0.93	3.17	3.33	1.736	0.7	3.33	0.18 No	0.18	Unintentional Islanding
SCL312	1303	'3982305_/_3982303'	1.03	3.3	3.33	1.736	1.3	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	1304	'90308371_/_90308382'	0.47	3.33	3.33	1.736	1.3	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	1305	'8532860_/_9480064'	0.5	3.33	3.33	1.736	1.3	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	1306	'43370018_/_3714000'	0.9	10	10	5.208	6.1	10	0.52 No	0.52	Unintentional Islanding
SCL312	1307	'54929943_/_54929949'	0.57	3.33	3.33	1.736	1.3	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	1308	'8807487_/_8807484_2'	1.4	10	10	5.208	1.6	10	0.52 No	0.52	Unintentional Islanding
SCL312	1309	'483072222_/_483072242_2'	1.07	3.33	3.33	1.736	1.3	3.33			

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SCL312	1310	'153523478_/153523439_1'	1.07	3.33	3.33	1.736	1.3	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	1311	'56234858_/56234866'	0.57	3.33	3.33	1.736	0.5	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	1312	'7273512_/7273509'	0.93	3.33	3.33	1.736	0.8	3.33	0.18 No	0.18	Unintentional Islanding
SCL312	1313	'483072258_/483072242_1'	1.07	3.33	3.33	1.736	1.3	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	1314	'43421037_/4010650'	1.03	3.27	3.33	1.736	1.3	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	1315	'153523458_/153523439_2'	1.07	3.33	3.33	1.736	3.33	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	1316	'43370076_/3717297'	0.93	3.33	3.33	1.736	1.33	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	1317	'43370005_/3714057'	0.9	10	10	5.208	6.1	10	0.52 No	0.52	Unintentional Islanding
SCL312	1318	'43421036_/4010637'	1.03	3.2	3.33	1.736	1.3	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	1319	'43369992_/3713966'	0.9	10	10	5.208	6.1	10	0.52 No	0.52	Unintentional Islanding
SCL312	1320	'70310197_/70310200'	0.57	3.33	3.33	1.736	1.3	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	1321	'104048100_/104048264'	0.57	3.33	3.33	1.736	1.3	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	1322	'3717284_/43370078'	0.93	3.33	3.33	1.736	1.33	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	1323	'70310233_/70310240'	0.57	3.33	3.33	1.736	1.3	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	1324	'56234882_/56234889'	0.57	3.33	3.33	1.736	0.5	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	1325	'69613177_/69613188'	0.53	3.33	3.33	1.736	1.3	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	1326	'7908505_/7909133_2'	0.93	3.33	3.33	1.736	1.33	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	1327	'70310253_/70310294'	0.57	3.3	3.33	1.736	1.3	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	1328	'3713985_/3713983'	0.9	9.9	10	5.208	6.1	10	0.52 No	0.52	Unintentional Islanding
SCL312	1329	'502797659_/8223380_1'	0.3	3.3	3.33	1.736	1.2	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	1330	'90308406_/90308417'	0.47	3.3	3.33	1.736	1.3	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	1331	'56235109_/56235113'	0.57	3.33	3.33	1.736	0.5	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	1332	'43370818_/3724901'	0.93	3.27	3.33	1.736	1.33	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	1333	'3724904_/7130311_2'	0.93	3.27	3.33	1.736	1.33	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	1334	'7908222_/8851683'	0.93	3.27	3.33	1.736	0.8	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	1335	'3984531_/7125036'	0.9	9.7	10	5.208	6.1	10	0.52 No	0.52	Unintentional Islanding
SCL312	1336	'502797736_/8243836_1'	0.3	3.23	3.33	1.736	1.2	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	1337	'43370807_/7130311_1'	0.93	3.23	3.33	1.736	1.33	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	1338	'522993446_/49249990_1'	0.93	3.23	3.33	1.736	0.7	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	1339	'7129922_/49249990_2'	0.93	3.23	3.33	1.736	0.7	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	1340	'43425343_/43425345'	0.9	9.6	10	5.208	6.1	10	0.52 No	0.52	Unintentional Islanding
SCL312	1341	'8163623_/8532858'	0.5	3.17	3.33	1.736	1.3	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	1342	'8243839_/8243836_2'	0.3	3.17	3.33	1.736	1.2	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	1343	'107847099_/104048138'	0.57	3.33	3.33	1.736	1.3	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	1344	'3724892_/529756735_2'	0.93	3.17	3.33	1.736	1.33	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	1345	'49962266_/7130277_1'	0.93	3.17	3.33	1.736	1	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	1346	'49200298_/7908219'	0.93	3.17	3.33	1.736	0.8	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	1347	'38110041_/7130277_2'	0.93	3.17	3.33	1.736	1	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	1348	'70445359_/70445370'	0.57	3.33	3.33	1.736	0.5	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	1349	'8223383_/8223380_2'	0.3	3.13	3.33	1.736	1.2	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	1350	'69613208_/69613219'	0.53	3.13	3.33	1.736	1.3	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	1351	'90308441_/90308452'	0.47	3.13	3.33	1.736	1.3	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	1352	'502797815_/3984508'	0.9	9.3	10	5.208	6.1	10	0.52 No	0.52	Unintentional Islanding
SCL312	1353	'529756729_/529756735_1'	0.93	3.13	3.33	1.736	1.33	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	1354	'107845066_/107845112'	0.57	3.33	3.33	1.736	1.3	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	1355	'7909135_/7909133_1'	0.93	3.1	3.33	1.736	0.8	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	1356	'70445393_/70445399'	0.57	3.33	3.33	1.736	0.5	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	1357	'3984510_/502797819'	0.8	9.1	10	5.208	6.1	10	0.52 No	0.52	Unintentional Islanding
SCL312	1358	'3984547_/3984545_1'	0.27	3.03	3.33	1.736	1.2	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	1359	'69563162_/529756766_2'	0.93	3.07	3.33	1.736	1.33	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	1360	'529756762_/529756766_1'	0.93	3.07	3.33	1.736	1.33	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	1361	'59047510_/3724562_2'	0.93	3.07	3.33	1.736	1.33	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	1362	'3984849_/43425310'	0.27	3.03	3.33	1.736	2.03	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	1363	'3724565_/3724562_1'	0.93	3.03	3.33	1.736	0.7	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	1364	'43425319_/3984545_2'	0.27	3	3.33	1.736	1.2	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	1365	'90308476_/90308487'	0.47	3	3.33	1.736	1.3	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	1366	'69613239_/69613250'	0.53	3	3.33	1.736	1.3	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	1367	'107844633_/107844644'	0.57	3.2	3.33	1.736	0.5	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	1368	'7909088_/9480822'	0.93	2.97	3.33	1.736	0.8	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	1369	'8163624_/8163621'	0.5	2.93	3.33	1.736	1.3	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	1370	'90308511_/90308522'	0.47	2.93	3.33	1.736	1.3	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	1371	'107845031_/107845077'	0.57	3.13	3.33	1.736	1.3	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	1372	'484247387_/484247909'	0.47	2.87	3.33	1.736	1.3	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	1373	'3984805_/3984803'	0.8	8.5	10	5.208	6.1	10	0.52 No	0.52	Unintentional Islanding
SCL312	1374	'7909087_/7909085'	0.93	2.83	3.33	1.736	0.8	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	1375	'69613267_/69613272'	0.53	2.83	3.33	1.736	1.3	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	1376	'3984823_/43425212_2'	0.27	2.83	3.33	1.736	2.03	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	1377	'559163401_/559163417'	0.53	2.83	3.33	1.736	1.3	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	1378	'107844971_/107845042'	0.57	3	3.33	1.736	1.3	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	1379	'107844667_/107844678'	0.57	3	3.33	1.736	0.5	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	1380	'43425295_/3984859'	0.8	8.3	10	5.208	6.1	10	0.52 No	0.52	Unintentional Islanding
SCL312	1381	'43425210_/43425212_1'	0.27	2.73	3.33	1.736	1.2	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	1382	'7909119_/8163451'	0.93	2.73	3.33	1.736	0.8	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	1383	'107844937_/107845007'	0.57	2.9	3.33	1.736	1.3	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	1384	'43425282_/3984766'	0.7	8.1	10	5.208	6.1	10	0.52 No	0.52	Unintentional Islanding
SCL312	1385	'107844702_/107844713'	0.57	2.87	3.33	1.736	0.5	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	1386	'3984822_/3984820'	0.27	2.63	3.33	1.736	1.2	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	1387	'7909120_/7909117'	0.93	2.63	3.33	1.736	0.8	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	1388	'3984752_/3984783'	0.7	7.8	10	5.208	6.1	10	0.52 No	0.52	Unintentional Islanding
SCL312	1389	'107844737_/107844748'	0.57	2.77	3.33	1.736	0.5	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	1390	'3984735_/3984749'	0.7	7.7	10	5.208	6.1	10	0.52 No	0.52	Unintentional Islanding
SCL312	1391	'8852315_/9480838'	0.93	2.57	3.33	1.736	0.8	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	1392	'107844772_/107844783'	0.57	2.7	3.33	1.736	0.5	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	1393	'3984734_/3984732'	0.7	7.6	10	5.208	6.1	10	0.52 No	0.52	Unintentional Islanding
SCL312	1394	'8243855_/8869883_1'	0.7	7.5	10	5.208	3.9	10	0.52 No	0.52	Unintentional Islanding
SCL312	1395	'617240082_/8852313'	0.93	2.5	3.33	1.736	0.8	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	1396	'8869886_/8869883_2'	0.7	7.5	10	5.208	3.9	10	0.52 No	0.52	Unintentional Islanding
SCL312	1397	'8852316_/617240086_1'	0.93	2.5	3.33	1.736	0.7	3.33	0.17 No	0.17	Unintentional Islanding
SCL312	1398	'43425330_/43425332'	0.7	7.4	10	5.208	6.1	10	0.52 No	0.52	Unintentional Islanding
SCL312	1399	'3984895_/3984893'	0.7	7.3	10	5.208	6.1	10	0.52 No	0.52	Unintentional Islanding
SCL312	1400	'43425257_/3984910'	0.7	7.2	10	5.208	6.1	10	0.52 No	0.52	Unintentional Islanding
SCL312	1401	'483073783_/4038646'	0.4	4.2	6.67	3.472	4.07	6.67	0.34 No	0.34	Unintentional Islanding
SCL312	1402	'4038619_/483073810_2'	0.17	2	3.33	1.736	1.3	2.87	0.17 No	0.17	Primary Over-Voltage
SCL312	1403	'483073772_/483073810_1'	0.17	2	3.33	1.736	1.3	2.86	0.17 No	0.17	Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SCL312	1404	'483073838_/_483073821_2'	0.2	2	3.33	1.736	2.03	2.86	0.17 No	0.17	Unintentional Islanding
SCL312	1405	'483073795_/_483073821_1'	0.2	2	3.33	1.736	1.3	2.86	0.17 No	0.17	Unintentional Islanding
SCL312	1406	'269382783_/_269382784_2'	2.7	4.6	10	5.208	4.1	7.29	0.48 No	0.48	Unintentional Islanding
SCL312	1407	'269382723_/_269382784_1'	2.7	4.4	10	5.208	4.1	7.12	0.48 No	0.48	Unintentional Islanding
SCL312	1408	'269382697_/_269382720'	2.7	4.4	10	5.208	4.1	7.06	0.48 No	0.48	Unintentional Islanding
SCL312	1409	'269382757_/_269382694_1'	2.7	4.4	10	5.208	4.1	7.03	0.48 No	0.48	Unintentional Islanding
SCL312	1410	'251222227_/_269382694_2'	2.6	4.3	10	5.208	4.1	6.83	0.48 No	0.48	Unintentional Islanding
SCL312	1411	'7928832_/_269382694_3'	2.6	4.2	10	5.208	4.1	6.73	0.48 No	0.48	Unintentional Islanding
SCL312	1412	'448091550_/_7291821'	2.6	3.9	10	5.208	4.1	6.31	0.47 No	0.47	Unintentional Islanding
SCL312	1413	'404060984_/_56814297'	2.1	4.5	10	5.208	2	5.85	0.47 No	0.47	Unintentional Islanding
SCL312	1414	'56814232_/_56814266'	2.1	4.5	10	5.208	2	5.85	0.47 No	0.47	Unintentional Islanding
SCL312	1415	'56814256_/_56814260'	2.1	4.5	10	5.208	2	5.85	0.47 No	0.47	Unintentional Islanding
SCL312	1416	'56814245_/_56814242'	2.1	4.5	10	5.208	2	5.85	0.47 No	0.47	Unintentional Islanding
SCL312	1417	'56814320_/_56814335'	2	4.3	10	5.208	2	5.71	0.47 No	0.47	Unintentional Islanding
SCL312	1418	'7291804_/_7291801'	2.5	3.1	10	5.208	4.1	5.27	0.46 No	0.46	Unintentional Islanding
SCL312	1419	'4041396_/_4041413_2'	0.7	3.7	10	5.208	1.7	5.04	0.45 No	0.45	Unintentional Islanding
SCL312	1420	'7291824_/_448091572'	2.7	3.3	10	5.208	4.1	5.27	0.46 No	0.46	Unintentional Islanding
SCL312	1421	'3980525_/_4041413_1'	0.7	3.7	10	5.208	1.7	5.03	0.45 No	0.45	Unintentional Islanding
SCL312	1422	'7607622_/_7607619_2'	0.7	3.7	10	5.208	1.7	5.03	0.45 No	0.45	Unintentional Islanding
SCL312	1423	'3992507_/_43428878_2'	0.7	1.4	3.33	1.736	0.5	1.67	0.15 No	0.15	Unintentional Islanding
SCL312	1424	'3980505_/_3980523'	0.7	3.5	10	5.208	1.7	4.9	0.45 No	0.45	Unintentional Islanding
SCL312	1425	'7607621_/_7607619_1'	0.7	3.5	10	5.208	1.1	4.89	0.45 No	0.45	Unintentional Islanding
SCL312	1426	'43428876_/_43428878_1'	0.67	1.3	3.33	1.736	0.5	1.61	0.15 No	0.15	Unintentional Islanding
SCL312	1427	'8869761_/_8869759'	0.7	3.4	10	5.208	1.1	4.79	0.45 No	0.45	Unintentional Islanding
SCL312	1428	'3980506_/_3980503'	0.6	3.4	10	5.208	1.7	4.76	0.45 No	0.45	Unintentional Islanding
SCL312	1429	'7609353_/_9503126_1'	0.6	3.4	10	5.208	1	4.75	0.45 No	0.45	Unintentional Islanding
SCL312	1430	'4038618_/_43425247_2'	0.1	1.17	3.33	1.736	1	1.6	0.15 No	0.1	Primary Over-Voltage
SCL312	1431	'50524248_/_50524214_2'	0.67	1.27	3.33	1.736	0.5	1.57	0.15 No	0.15	Unintentional Islanding
SCL312	1432	'50524212_/_50524214_1'	0.67	1.23	3.33	1.736	0.5	1.56	0.15 No	0.15	Unintentional Islanding
SCL312	1433	'43425245_/_43425247_1'	0.1	1.17	3.33	1.736	0.4	1.59	0.15 No	0.1	Primary Over-Voltage
SCL312	1434	'9500192_/_9503126_2'	0.6	3.3	10	5.208	1	4.68	0.45 No	0.45	Unintentional Islanding
SCL312	1435	'7928797_/_9185843'	0.6	3.3	10	5.208	1.1	4.64	0.45 No	0.45	Unintentional Islanding
SCL312	1436	'43426875_/_4041487'	0.6	3.2	10	5.208	1.7	4.42	0.45 No	0.45	Unintentional Islanding
SCL312	1437	'43428887_/_43428889'	0.63	1.2	3.33	1.736	0.5	1.51	0.15 No	0.15	Unintentional Islanding
SCL312	1438	'394220227_/_43426877'	0.6	3.1	10	5.208	1.7	4.5	0.45 No	0.45	Unintentional Islanding
SCL312	1439	'44457738_/_7186047'	0.07	0.93	3.33	1.736	0.4	1.49	0.15 No	0.07	Primary Over-Voltage
SCL312	1440	'7819993_/_7820006_1'	0.07	0.93	3.33	1.736	0.2	1.49	0.15 No	0.07	Primary Over-Voltage
SCL312	1441	'8870232_/_9500190'	0.6	3	10	5.208	1	4.41	0.45 No	0.45	Unintentional Islanding
SCL312	1442	'7820009_/_7820006_2'	0.07	0.97	3.33	1.736	0.2	1.47	0.15 No	0.07	Primary Over-Voltage
SCL312	1443	'50903868_/_54808625_2'	0.47	1.07	3.33	1.736	0.5	1.43	0.15 No	0.15	Unintentional Islanding
SCL312	1444	'417357977_/_417358131'	0.6	3	10	5.208	1.1	4.32	0.45 No	0.45	Unintentional Islanding
SCL312	1445	'3992283_/_3992362'	0.6	1.1	3.33	1.736	0.5	1.43	0.15 No	0.15	Unintentional Islanding
SCL312	1446	'417357950_/_417357991'	0.6	3	10	5.208	1.1	4.32	0.45 No	0.45	Unintentional Islanding
SCL312	1447	'419169946_/_9500082_2'	0.6	3	10	5.208	1.1	4.31	0.45 No	0.45	Unintentional Islanding
SCL312	1448	'3992284_/_3992281'	0.57	1.03	3.33	1.736	0.5	1.39	0.15 No	0.15	Unintentional Islanding
SCL312	1449	'54808628_/_54808625_1'	0.47	1	3.33	1.736	0.5	1.36	0.15 No	0.15	Unintentional Islanding
SCL312	1450	'54808652_/_3722092_2'	0.47	1	3.33	1.736	0.5	1.35	0.15 No	0.15	Unintentional Islanding
SCL312	1451	'43428909_/_3992294'	0.53	1	3.33	1.736	0.5	1.35	0.15 No	0.15	Unintentional Islanding
SCL312	1452	'3722055_/_3722092_1'	0.47	1	3.33	1.736	0.5	1.34	0.15 No	0.15	Unintentional Islanding
SCL312	1453	'3992351_/_3992349'	0.53	1	3.33	1.736	0.5	1.35	0.15 No	0.15	Unintentional Islanding
SCL312	1454	'3984674_/_3984714'	0.13	1.93	6.67	3.472	0.8	2.77	0.3 No	0.13	Primary Over-Voltage
SCL312	1455	'3984646_/_3984643_2'	0.07	0.83	3.33	1.736	0.4	1.35	0.15 No	0.07	Primary Over-Voltage
SCL312	1456	'3984645_/_3984643_1'	0.07	0.87	3.33	1.736	0.2	1.32	0.15 No	0.07	Primary Over-Voltage
SCL312	1457	'3984945_/_43428911'	0.5	0.93	3.33	1.736	0.5	1.29	0.15 No	0.15	Unintentional Islanding
SCL312	1458	'3984659_/_3984671'	0.13	1.8	6.67	3.472	0.8	2.65	0.3 No	0.13	Primary Over-Voltage
SCL312	1459	'3992601_/_3992611'	0.5	0.93	3.33	1.736	0.5	1.28	0.15 No	0.15	Unintentional Islanding
SCL312	1460	'3996764_/_3996762'	0.07	0.87	3.33	1.736	0.2	1.28	0.15 No	0.07	Primary Over-Voltage
SCL312	1461	'43369957_/_3722053'	0.47	0.9	3.33	1.736	0.5	1.25	0.15 No	0.15	Unintentional Islanding
SCL312	1462	'43425221_/_3984656'	0.13	1.73	6.67	3.472	0.8	2.59	0.3 No	0.13	Primary Over-Voltage
SCL312	1463	'4044448_/_4044445_2'	0.07	0.8	3.33	1.736	0.4	1.26	0.15 No	0.07	Primary Over-Voltage
SCL312	1464	'43425389_/_3984943'	0.5	0.9	3.33	1.736	0.5	1.25	0.15 No	0.15	Unintentional Islanding
SCL312	1465	'4044435_/_4044445_1'	0.07	0.8	3.33	1.736	0.2	1.25	0.15 No	0.07	Primary Over-Voltage
SCL312	1466	'43428898_/_3992598'	0.5	0.9	3.33	1.736	0.5	1.24	0.15 No	0.15	Unintentional Islanding
SCL312	1467	'4044434_/_4044432'	0.07	0.8	3.33	1.736	0.2	1.24	0.15 No	0.07	Primary Over-Voltage
SCL312	1468	'4043534_/_4043544'	0.07	0.87	3.33	1.736	0.2	1.24	0.15 No	0.07	Primary Over-Voltage
SCL312	1469	'3984688_/_3984686'	0.13	1.67	6.67	3.472	0.8	2.53	0.3 No	0.13	Primary Over-Voltage
SCL312	1470	'3992443_/_3992624'	0.47	0.87	3.33	1.736	0.5	1.22	0.15 No	0.15	Unintentional Islanding
SCL312	1471	'4043533_/_4043531'	0.07	0.87	3.33	1.736	0.2	1.23	0.15 No	0.07	Primary Over-Voltage
SCL312	1472	'3984959_/_43425391'	0.47	0.87	3.33	1.736	0.5	1.21	0.15 No	0.15	Unintentional Islanding
SCL312	1473	'43369946_/_43369948'	0.5	0.87	3.33	1.736	0.5	1.2	0.14 No	0.14	Unintentional Islanding
SCL312	1474	'3722081_/_3722079'	0.5	0.87	3.33	1.736	0.5	1.2	0.14 No	0.14	Unintentional Islanding
SCL312	1475	'3706805_/_3722066'	0.47	0.83	3.33	1.736	0.5	1.2	0.14 No	0.14	Unintentional Islanding
SCL312	1476	'43425503_/_43425505'	0.07	0.8	3.33	1.736	0.2	1.21	0.15 No	0.07	Primary Over-Voltage
SCL312	1477	'4044460_/_7294463_2'	0.07	0.8	3.33	1.736	0.2	1.2	0.15 No	0.07	Primary Over-Voltage
SCL312	1478	'483073872_/_483073856_1'	0.2	0.87	3.33	1.736	0.5	1.15	0.14 No	0.14	Unintentional Islanding
SCL312	1479	'3996736_/_3996734'	0.13	1.6	6.67	3.472	0.8	2.45	0.3 No	0.13	Primary Over-Voltage
SCL312	1480	'3721553_/_3721661'	0.5	0.83	3.33	1.736	0.5	1.17	0.14 No	0.14	Unintentional Islanding
SCL312	1481	'7292246_/_7292243_2'	0.47	0.9	3.33	1.736	0.3	1.12	0.14 No	0.14	Unintentional Islanding
SCL312	1482	'3984972_/_3984969'	0.47	0.83	3.33	1.736	0.5	1.17	0.14 No	0.14	Unintentional Islanding
SCL312	1483	'7294465_/_7294463_1'	0.07	0.8	3.33	1.736	0.1	1.18	0.15 No	0.07	Primary Over-Voltage
SCL312	1484	'43425367_/_3992336'	0.43	0.83	3.33	1.736	0.5	1.17	0.14 No	0.14	Unintentional Islanding
SCL312	1485	'4044503_/_4044618'	0.13	1.6	6.67	3.472	0.8	2.38	0.3 No	0.13	Primary Over-Voltage
SCL312	1486	'3981495_/_3981492_2'	0.27	0.87	3.33	1.736	0.3	1.09	0.14 No	0.14	Unintentional Islanding
SCL312	1487	'3992322_/_3992320'	0.43	0.8	3.33	1.736	0.5	1.14	0.14 No	0.14	Unintentional Islanding
SCL312	1488	'43369568_/_3721551'	0.5	0.8	3.33	1.736	0.5	1.13	0.14 No	0.14	Unintentional Islanding
SCL312	1489	'7607785_/_8869867_2'	0.07	0.8	3.33	1.736	0.4	1.09	0.14 No	0.07	Primary Over-Voltage
SCL312	1490	'43425400_/_43425402'	0.43	0.77	3.33	1.736	0.5	1.12	0.14 No	0.14	Unintentional Islanding
SCL312	1491	'3984985_/_3984982'	0.43	0.77	3.33	1.736	0.5	1.12	0.14 No	0.14	Unintentional Islanding
SCL312	1492	'7292028_/_8869867_1'	0.07	0.77	3.33	1.736	0.3	1.08	0.14 No	0.07	Primary Over-Voltage
SCL312	1493	'474799881_/_3985024_1'	0.43	0.77	3.33	1.736	0.1	1.11	0.14 No	0.1	Element Fault
SCL312	1494	'43425411_/_43425413'	0.43	0.77	3.33	1.736	0.5	1.1	0.14 No	0.14	Unintentional Islanding
SCL312	1495	'50898552_/_3985008'	0.4	0.77	3.33	1.736	0.5	1.1	0.14 No	0.14	Unintentional Islanding
SCL312	1496	'9503648_/_9503646'	0.07	0.73	3.33	1.736	0.1	1.09	0.14 No	0.07	Primary Over-Voltage
SCL312	1497	'3985186_/_3985183'	0.4	0.73	3.33	1.736	0.5	1.08	0.14 No	0.14	Unintentional Islanding

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SCL312	1498	'483073733_/_483073716_1'	0.4	0.8	3.33	1.736	0.3	0.99	0.13 No	0.13	Unintentional Islanding
SCL312	1499	'153523544_/_483072271_2'	0.47	0.8	3.33	1.736	0.3	0.99	0.13 No	0.13	Unintentional Islanding
SCL312	1500	'468843934_/_4010116_2'	1	2.3	10	5.208	1	3.07	0.41 No	0.41	Unintentional Islanding
SCL312	1501	'483072234_/_483072271_1'	0.47	0.8	3.33	1.736	0.3	0.99	0.13 No	0.13	Unintentional Islanding
SCL312	1502	'3985027_/_3985024_2'	0.4	0.73	3.33	1.736	0.1	1.07	0.14 No	0.1	Element Fault
SCL312	1503	'43369624_/_3706803'	0.5	0.73	3.33	1.736	0.5	1.06	0.14 No	0.14	Unintentional Islanding
SCL312	1504	'4047739_/_4047737'	0.37	0.8	3.33	1.736	0.3	1.01	0.14 No	0.14	Unintentional Islanding
SCL312	1505	'3985251_/_3985248'	0.4	0.73	3.33	1.736	0.1	1.06	0.14 No	0.1	Element Fault
SCL312	1506	'43425457_/_43425459'	0.4	0.73	3.33	1.736	0.5	1.05	0.14 No	0.14	Unintentional Islanding
SCL312	1507	'331711854_/_3706829'	0.5	0.7	3.33	1.736	0.5	1.03	0.14 No	0.14	Unintentional Islanding
SCL312	1508	'3981482_/_3981492_1'	0.23	0.77	3.33	1.736	0.3	1	0.14 No	0.14	Unintentional Islanding
SCL312	1509	'43369579_/_3721509'	0.47	0.7	3.33	1.736	0.5	1.03	0.14 No	0.14	Unintentional Islanding
SCL312	1510	'4038697_/_4038694'	0.4	0.7	3.33	1.736	0.5	1.04	0.14 No	0.14	Unintentional Islanding
SCL312	1511	'50007198_/_3985235'	0.4	0.7	3.33	1.736	0.1	1.03	0.14 No	0.1	Element Fault
SCL312	1512	'3985211_/_3985209'	0.4	0.7	3.33	1.736	0.5	1.02	0.14 No	0.14	Unintentional Islanding
SCL312	1513	'4038680_/_4038678'	0.37	0.7	3.33	1.736	0.5	1.01	0.14 No	0.14	Unintentional Islanding
SCL312	1514	'3721525_/_43369581'	0.47	0.67	3.33	1.736	0.5	0.99	0.14 No	0.14	Unintentional Islanding
SCL312	1515	'43369635_/_331711858'	0.47	0.67	3.33	1.736	0.5	0.99	0.14 No	0.14	Unintentional Islanding
SCL312	1516	'7292027_/_7292025'	0.07	0.67	3.33	1.736	0.3	0.97	0.14 No	0.07	Primary Over-Voltage
SCL312	1517	'50007225_/_50007195'	0.37	0.67	3.33	1.736	0.1	0.98	0.14 No	0.1	Element Fault
SCL312	1518	'43369590_/_43369592'	0.43	0.63	3.33	1.736	0.5	0.96	0.14 No	0.14	Unintentional Islanding
SCL312	1519	'3721524_/_3721522'	0.43	0.63	3.33	1.736	0.5	0.96	0.14 No	0.14	Unintentional Islanding
SCL312	1520	'43369668_/_43369637'	0.43	0.63	3.33	1.736	0.5	0.96	0.14 No	0.14	Unintentional Islanding
SCL312	1521	'43425492_/_3996775'	0.07	0.63	3.33	1.736	0.4	0.92	0.14 No	0.07	Primary Over-Voltage
SCL312	1522	'3706588_/_43369670'	0.43	0.63	3.33	1.736	0.5	0.92	0.14 No	0.14	Unintentional Islanding
SCL312	1523	'3706589_/_3706586'	0.43	0.6	3.33	1.736	0.5	0.92	0.14 No	0.14	Unintentional Islanding
SCL312	1524	'3985144_/_50007222'	0.33	0.63	3.33	1.736	0.1	0.93	0.14 No	0.1	Element Fault
SCL312	1525	'7609321_/_9187695'	0.07	0.63	3.33	1.736	0.3	0.9	0.14 No	0.07	Primary Over-Voltage
SCL312	1526	'3985102_/_3985141'	0.33	0.6	3.33	1.736	0.1	0.92	0.14 No	0.1	Element Fault
SCL312	1527	'3981469_/_3981479'	0.2	0.63	3.33	1.736	0.3	0.89	0.13 No	0.13	Unintentional Islanding
SCL312	1528	'4049094_/_4049092'	0.3	0.63	3.33	1.736	0.3	0.87	0.13 No	0.13	Unintentional Islanding
SCL312	1529	'4010095_/_4010116_1'	0.8	1.8	10	5.208	1	2.62	0.4 No	0.4	Unintentional Islanding
SCL312	1530	'482902629_/_3706842'	0.4	0.6	3.33	1.736	0.5	0.89	0.14 No	0.14	Unintentional Islanding
SCL312	1531	'3985101_/_3985099'	0.33	0.6	3.33	1.736	0.1	0.9	0.14 No	0.1	Element Fault
SCL312	1532	'3985059_/_43425494'	0.07	0.6	3.33	1.736	0.4	0.87	0.14 No	0.07	Primary Over-Voltage
SCL312	1533	'43369646_/_482902633'	0.4	0.57	3.33	1.736	0.5	0.87	0.14 No	0.14	Unintentional Islanding
SCL312	1534	'104546505_/_107844341'	0.4	0.57	3.33	1.736	0.5	0.87	0.14 No	0.14	Unintentional Islanding
SCL312	1535	'9188430_/_9188427_2'	0.3	0.6	3.33	1.736	0.3	0.84	0.13 No	0.13	Unintentional Islanding
SCL312	1536	'3721238_/_3721236'	0.4	0.57	3.33	1.736	0.5	0.86	0.14 No	0.14	Unintentional Islanding
SCL312	1537	'43425435_/_3985112'	0.33	0.57	3.33	1.736	0.1	0.87	0.14 No	0.1	Element Fault
SCL312	1538	'43425356_/_3985057'	0.07	0.57	3.33	1.736	0.4	0.84	0.13 No	0.07	Primary Over-Voltage
SCL312	1539	'49234111_/_9686086_2'	0.2	0.63	3.33	1.736	0.2	0.8	0.13 No	0.13	Unintentional Islanding
SCL312	1540	'7609322_/_7609319'	0.07	0.57	3.33	1.736	0.3	0.84	0.13 No	0.07	Primary Over-Voltage
SCL312	1541	'43369400_/_3721249'	0.4	0.57	3.33	1.736	0.5	0.84	0.14 No	0.14	Unintentional Islanding
SCL312	1542	'43425446_/_43425448'	0.3	0.57	3.33	1.736	0.1	0.85	0.14 No	0.1	Element Fault
SCL312	1543	'495190253_/_4010233_2'	0.8	1.8	10	5.208	0.7	2.35	0.38 No	0.38	Unintentional Islanding
SCL312	1544	'104546531_/_104546507'	0.37	0.53	3.33	1.736	0.5	0.83	0.14 No	0.14	Unintentional Islanding
SCL312	1545	'3985073_/_3985083'	0.3	0.53	3.33	1.736	0.1	0.83	0.14 No	0.1	Element Fault
SCL312	1546	'43369207_/_3706855'	0.37	0.53	3.33	1.736	0.5	0.82	0.13 No	0.13	Unintentional Islanding
SCL312	1547	'3721252_/_43369402'	0.37	0.53	3.33	1.736	0.5	0.81	0.13 No	0.13	Unintentional Islanding
SCL312	1548	'3985072_/_3985070'	0.3	0.53	3.33	1.736	0.1	0.82	0.14 No	0.1	Element Fault
SCL312	1549	'3981456_/_3981466'	0.2	0.57	3.33	1.736	0.3	0.79	0.13 No	0.13	Unintentional Islanding
SCL312	1550	'8747204_/_9686086_1'	0.2	0.6	3.33	1.736	0.2	0.76	0.13 No	0.13	Unintentional Islanding
SCL312	1551	'7607770_/_9187711'	0.07	0.53	3.33	1.736	0.3	0.8	0.13 No	0.07	Primary Over-Voltage
SCL312	1552	'3706662_/_43369209'	0.37	0.53	3.33	1.736	0.5	0.8	0.13 No	0.13	Unintentional Islanding
SCL312	1553	'107844333_/_104546533'	0.37	0.5	3.33	1.736	0.5	0.79	0.13 No	0.13	Unintentional Islanding
SCL312	1554	'3992404_/_3992401'	0.07	0.53	3.33	1.736	0.4	0.78	0.13 No	0.07	Primary Over-Voltage
SCL312	1555	'54311849_/_4010233_1'	0.7	1.7	10	5.208	0.3	2.24	0.38 No	0.3	Element Fault
SCL312	1556	'3992417_/_3992414'	0.07	0.5	3.33	1.736	0.4	0.78	0.13 No	0.07	Primary Over-Voltage
SCL312	1557	'7608157_/_8870529_2'	0.07	0.5	3.33	1.736	0.4	0.78	0.13 No	0.07	Primary Over-Voltage
SCL312	1558	'7797279_/_9380576'	0.2	0.57	3.33	1.736	0.2	0.74	0.13 No	0.13	Unintentional Islanding
SCL312	1559	'3706675_/_3706660'	0.37	0.5	3.33	1.736	0.5	0.77	0.13 No	0.13	Unintentional Islanding
SCL312	1560	'3721264_/_3721262'	0.37	0.5	3.33	1.736	0.5	0.77	0.13 No	0.13	Unintentional Islanding
SCL312	1561	'7929318_/_8870529_1'	0.07	0.5	3.33	1.736	0.2	0.77	0.13 No	0.07	Primary Over-Voltage
SCL312	1562	'43422634_/_4010093'	0.7	1.5	10	5.208	1	2.26	0.39 No	0.39	Unintentional Islanding
SCL312	1563	'107844377_/_107844385'	0.33	0.5	3.33	1.736	0.5	0.76	0.13 No	0.13	Unintentional Islanding
SCL312	1564	'43369679_/_3706881'	0.33	0.5	3.33	1.736	0.5	0.75	0.13 No	0.13	Unintentional Islanding
SCL312	1565	'7929319_/_7929316'	0.07	0.5	3.33	1.736	0.2	0.75	0.13 No	0.07	Primary Over-Voltage
SCL312	1566	'7797280_/_7797277'	0.17	0.53	3.33	1.736	0.2	0.71	0.13 No	0.13	Unintentional Islanding
SCL312	1567	'3706676_/_3706673'	0.33	0.5	3.33	1.736	0.5	0.74	0.13 No	0.13	Unintentional Islanding
SCL312	1568	'7607769_/_7607767'	0.07	0.47	3.33	1.736	0.3	0.73	0.13 No	0.07	Primary Over-Voltage
SCL312	1569	'43428953_/_3992427'	0.07	0.47	3.33	1.736	0.4	0.73	0.13 No	0.07	Primary Over-Voltage
SCL312	1570	'3706754_/_3706751'	0.33	0.47	3.33	1.736	0.5	0.72	0.13 No	0.13	Unintentional Islanding
SCL312	1571	'43369218_/_3706686'	0.33	0.47	3.33	1.736	0.5	0.72	0.13 No	0.13	Unintentional Islanding
SCL312	1572	'145363737_/_3992440_1'	0.33	0.47	3.33	1.736	0.5	0.72	0.13 No	0.13	Unintentional Islanding
SCL312	1573	'104546569_/_107844898'	0.33	0.47	3.33	1.736	0.5	0.72	0.13 No	0.13	Unintentional Islanding
SCL312	1574	'49454710_/_3992472'	0.07	0.47	3.33	1.736	0.4	0.72	0.13 No	0.07	Primary Over-Voltage
SCL312	1575	'3992475_/_8556126_2'	0.07	0.47	3.33	1.736	0.4	0.72	0.13 No	0.07	Primary Over-Voltage
SCL312	1576	'8244367_/_8244364'	0.07	0.47	3.33	1.736	0.3	0.71	0.13 No	0.07	Primary Over-Voltage
SCL312	1577	'43427140_/_43427142'	0.17	0.47	3.33	1.736	0.3	0.7	0.13 No	0.13	Unintentional Islanding
SCL312	1578	'8556128_/_8556126_1'	0.07	0.47	3.33	1.736	0.3	0.71	0.13 No	0.07	Primary Over-Voltage
SCL312	1579	'3706702_/_43369220'	0.33	0.47	3.33	1.736	0.5	0.7	0.13 No	0.13	Unintentional Islanding
SCL312	1580	'3706884_/_43369681'	0.33	0.47	3.33	1.736	0.5	0.7	0.13 No	0.13	Unintentional Islanding
SCL312	1581	'3706633_/_3706764'	0.33	0.47	3.33	1.736	0.5	0.7	0.13 No	0.13	Unintentional Islanding
SCL312	1582	'43369657_/_3706868'	0.33	0.47	3.33	1.736	0.5	0.7	0.13 No	0.13	Unintentional Islanding
SCL312	1583	'8412847_/_8412844'	0.17	0.5	3.33	1.736	0.2	0.68	0.12 No	0.12	Unintentional Islanding
SCL312	1584	'415621053_/_9500852'	0.07	0.47	3.33	1.736	0.3	0.7	0.13 No	0.07	Primary Over-Voltage
SCL312	1585	'43369411_/_43369413'	0.3	0.43	3.33	1.736	0.5	0.69	0.13 No	0.13	Unintentional Islanding
SCL312	1586	'107844890_/_104546571'	0.3	0.43	3.33	1.736	0.5	0.69	0.13 No	0.13	Unintentional Islanding
SCL312	1587	'118257529_/_118257373_1'	0.3	0.43	3.33	1.736	0.2	0.69	0.13 No	0.13	Unintentional Islanding
SCL312	1588	'8870516_/_8870513'	0.07	0.43	3.33	1.736	0.3	0.69	0.13 No	0.07	Primary Over-Voltage
SCL312	1589	'3981455_/_3981453'	0.17	0.47	3.33	1.736	0.3	0.68	0.13 No	0.13	Unintentional Islanding
SCL312	1590	'43369185_/_3706631'	0.3	0.43	3.33	1.736	0.5	0.68	0.13 No	0.13	Unintentional Islanding
SCL312	1591	'8747172_/_8747170'	0.17	0.47	3.33	1.736	0.2	0.66	0.12 No	0.12	Unintentional Islanding

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SCL312	1592	'3706575_/_3721288'	0.3	0.43	3.33	1.736	0.5	0.67	0.13 No	0.13	Unintentional Islanding
SCL312	1593	'43369052_/_3706712'	0.3	0.43	3.33	1.736	0.5	0.67	0.13 No	0.13	Unintentional Islanding
SCL312	1594	'4045169_/_43422636'	0.6	1.3	10	5.208	1	2.01	0.39 No	0.39	Unintentional Islanding
SCL312	1595	'486873962_/_43420769'	0.6	1.4	10	5.208	0.3	1.95	0.37 No	0.3	Element Fault
SCL312	1596	'8556144_/_415621074_1'	0.27	0.43	3.33	1.736	0.2	0.67	0.13 No	0.13	Unintentional Islanding
SCL312	1597	'3706871_/_43369659'	0.3	0.43	3.33	1.736	0.5	0.67	0.13 No	0.13	Unintentional Islanding
SCL312	1598	'107844854_/_107844561'	0.3	0.43	3.33	1.736	0.5	0.67	0.13 No	0.13	Unintentional Islanding
SCL312	1599	'118257362_/_118257373_2'	0.3	0.43	3.33	1.736	0.2	0.67	0.13 No	0.13	Unintentional Islanding
SCL312	1600	'3706634_/_43369187'	0.3	0.43	3.33	1.736	0.5	0.66	0.13 No	0.13	Unintentional Islanding
SCL312	1601	'479368055_/_486873968'	0.6	1.3	10	5.208	0.3	1.91	0.37 No	0.3	Element Fault
SCL312	1602	'435360150_/_435360260'	0.07	0.4	3.33	1.736	0.3	0.65	0.13 No	0.07	Primary Over-Voltage
SCL312	1603	'43369557_/_3706573'	0.3	0.4	3.33	1.736	0.5	0.65	0.13 No	0.13	Unintentional Islanding
SCL312	1604	'435360129_/_435360164'	0.07	0.4	3.33	1.736	0.3	0.65	0.13 No	0.07	Primary Over-Voltage
SCL312	1605	'435360189_/_435360203'	0.07	0.4	3.33	1.736	0.3	0.65	0.13 No	0.07	Primary Over-Voltage
SCL312	1606	'3706715_/_43369054'	0.3	0.4	3.33	1.736	0.5	0.64	0.13 No	0.13	Unintentional Islanding
SCL312	1607	'7292245_/_7292243_1'	0.23	0.43	3.33	1.736	0.1	0.64	0.13 No	0.1	Element Fault
SCL312	1608	'118257396_/_118258991'	0.3	0.4	3.33	1.736	0.2	0.64	0.13 No	0.13	Unintentional Islanding
SCL312	1609	'43369546_/_3721606'	0.3	0.4	3.33	1.736	0.5	0.63	0.13 No	0.13	Unintentional Islanding
SCL312	1610	'3721303_/_3721301'	0.3	0.4	3.33	1.736	0.5	0.63	0.13 No	0.13	Unintentional Islanding
SCL312	1611	'8556065_/_9186465'	0.07	0.4	3.33	1.736	0.3	0.63	0.13 No	0.07	Primary Over-Voltage
SCL312	1612	'422739125_/_422739131'	0.27	0.4	3.33	1.736	0.5	0.62	0.13 No	0.13	Unintentional Islanding
SCL312	1613	'3721566_/_3721690'	0.27	0.4	3.33	1.736	0.5	0.62	0.13 No	0.13	Unintentional Islanding
SCL312	1614	'610695947_/_610695961'	0.27	0.4	3.33	1.736	0.2	0.62	0.13 No	0.13	Unintentional Islanding
SCL312	1615	'3721596_/_3721593'	0.27	0.4	3.33	1.736	0.5	0.61	0.13 No	0.13	Unintentional Islanding
SCL312	1616	'3975434_/_43427074_2'	0.13	0.43	3.33	1.736	0.1	0.57	0.12 No	0.1	Element Fault
SCL312	1617	'3706899_/_3721564'	0.27	0.4	3.33	1.736	0.5	0.61	0.13 No	0.13	Unintentional Islanding
SCL312	1618	'43369445_/_3721353'	0.27	0.4	3.33	1.736	0.5	0.61	0.13 No	0.13	Unintentional Islanding
SCL312	1619	'4045170_/_4045167'	0.5	1.1	10	5.208	1	1.82	0.38 No	0.38	Unintentional Islanding
SCL312	1620	'7929171_/_9188427_1'	0.2	0.4	3.33	1.736	0.3	0.6	0.12 No	0.12	Unintentional Islanding
SCL312	1621	'8556064_/_8556062'	0.07	0.37	3.33	1.736	0.3	0.61	0.13 No	0.07	Primary Over-Voltage
SCL312	1622	'43369535_/_43369537'	0.27	0.37	3.33	1.736	0.5	0.6	0.12 No	0.12	Unintentional Islanding
SCL312	1623	'43369524_/_3721577'	0.27	0.37	3.33	1.736	0.5	0.6	0.12 No	0.12	Unintentional Islanding
SCL312	1624	'43427238_/_43427240'	0.13	0.4	3.33	1.736	0.3	0.59	0.12 No	0.12	Unintentional Islanding
SCL312	1625	'350737885_/_3706897'	0.27	0.37	3.33	1.736	0.5	0.59	0.12 No	0.12	Unintentional Islanding
SCL312	1626	'43369433_/_43369435'	0.27	0.37	3.33	1.736	0.5	0.59	0.12 No	0.12	Unintentional Islanding
SCL312	1627	'3706996_/_3721632'	0.27	0.37	3.33	1.736	0.5	0.6	0.13 No	0.13	Unintentional Islanding
SCL312	1628	'3706900_/_350737887'	0.27	0.37	3.33	1.736	0.5	0.58	0.12 No	0.12	Unintentional Islanding
SCL312	1629	'3721329_/_3721327'	0.27	0.37	3.33	1.736	0.5	0.58	0.12 No	0.12	Unintentional Islanding
SCL312	1630	'3721316_/_43369424'	0.27	0.37	3.33	1.736	0.5	0.58	0.12 No	0.12	Unintentional Islanding
SCL312	1631	'43369601_/_43369603'	0.27	0.37	3.33	1.736	0.5	0.58	0.12 No	0.12	Unintentional Islanding
SCL312	1632	'7483999_/_9064703'	0.07	0.37	3.33	1.736	0.3	0.58	0.13 No	0.07	Primary Over-Voltage
SCL312	1633	'3986901_/_3986924'	0.13	0.37	3.33	1.736	0.3	0.57	0.12 No	0.12	Unintentional Islanding
SCL312	1634	'3721580_/_43369526'	0.27	0.37	3.33	1.736	0.5	0.57	0.12 No	0.12	Unintentional Islanding
SCL312	1635	'3721382_/_3721379'	0.27	0.37	3.33	1.736	0.5	0.57	0.12 No	0.12	Unintentional Islanding
SCL312	1636	'43369701_/_43369703'	0.27	0.37	3.33	1.736	0.5	0.58	0.13 No	0.13	Unintentional Islanding
SCL312	1637	'3721621_/_3721619'	0.27	0.37	3.33	1.736	0.5	0.57	0.12 No	0.12	Unintentional Islanding
SCL312	1638	'7483998_/_7483996'	0.07	0.37	3.33	1.736	0.3	0.57	0.13 No	0.07	Primary Over-Voltage
SCL312	1639	'43423838_/_4045184'	0.17	0.37	3.33	1.736	0.3	0.57	0.12 No	0.12	Unintentional Islanding
SCL312	1640	'8430049_/_9064687'	0.07	0.33	3.33	1.736	0.3	0.56	0.12 No	0.07	Primary Over-Voltage
SCL312	1641	'8430048_/_8430046'	0.07	0.33	3.33	1.736	0.3	0.56	0.12 No	0.07	Primary Over-Voltage
SCL312	1642	'4009958_/_4009956'	0.2	0.37	3.33	1.736	0.1	0.54	0.12 No	0.1	Element Fault
SCL312	1643	'8872458_/_8872455'	0.07	0.33	3.33	1.736	0.3	0.55	0.12 No	0.07	Primary Over-Voltage
SCL312	1644	'43369712_/_3706964'	0.23	0.33	3.33	1.736	0.5	0.55	0.12 No	0.12	Unintentional Islanding
SCL312	1645	'43427072_/_43427074_1'	0.13	0.37	3.33	1.736	0.1	0.51	0.12 No	0.1	Element Fault
SCL312	1646	'468843780_/_468843777'	0.27	0.67	6.67	3.472	0.67	1.09	0.25 No	0.25	Unintentional Islanding
SCL312	1647	'435658308_/_43369714'	0.23	0.33	3.33	1.736	0.5	0.54	0.12 No	0.12	Unintentional Islanding
SCL312	1648	'435658270_/_435658310'	0.23	0.33	3.33	1.736	0.5	0.54	0.12 No	0.12	Unintentional Islanding
SCL312	1649	'3706954_/_435658272'	0.23	0.33	3.33	1.736	0.5	0.53	0.12 No	0.12	Unintentional Islanding
SCL312	1650	'3707008_/_3707006'	0.23	0.33	3.33	1.736	0.5	0.53	0.12 No	0.12	Unintentional Islanding
SCL312	1651	'435658252_/_3707019'	0.23	0.33	3.33	1.736	0.5	0.52	0.12 No	0.12	Unintentional Islanding
SCL312	1652	'4046614_/_495191025'	0.13	0.3	3.33	1.736	0.33	0.51	0.12 No	0.12	Unintentional Islanding
SCL312	1653	'43369723_/_3706977'	0.23	0.3	3.33	1.736	0.5	0.51	0.12 No	0.12	Unintentional Islanding
SCL312	1654	'3706980_/_43369725'	0.23	0.3	3.33	1.736	0.5	0.51	0.12 No	0.12	Unintentional Islanding
SCL312	1655	'4045204_/_43423840'	0.17	0.3	3.33	1.736	0.3	0.51	0.12 No	0.12	Unintentional Islanding
SCL312	1656	'435658216_/_435658254'	0.23	0.3	3.33	1.736	0.5	0.51	0.12 No	0.12	Unintentional Islanding
SCL312	1657	'3985873_/_3985871'	0.1	0.3	3.33	1.736	0.3	0.5	0.12 No	0.1	Primary Over-Voltage
SCL312	1658	'3985832_/_3986898'	0.1	0.3	3.33	1.736	0.3	0.5	0.12 No	0.1	Primary Over-Voltage
SCL312	1659	'468843796_/_468843793'	0.13	0.3	3.33	1.736	0.33	0.5	0.12 No	0.12	Unintentional Islanding
SCL312	1660	'435658162_/_435658218'	0.2	0.3	3.33	1.736	0.5	0.5	0.12 No	0.12	Unintentional Islanding
SCL312	1661	'560006020_/_4045202'	0.17	0.3	3.33	1.736	0.3	0.49	0.12 No	0.12	Unintentional Islanding
SCL312	1662	'3707022_/_435658164'	0.2	0.3	3.33	1.736	0.5	0.49	0.12 No	0.12	Unintentional Islanding
SCL312	1663	'139173673_/_9480562_1'	0.2	0.3	3.33	1.736	0.2	0.49	0.12 No	0.12	Unintentional Islanding
SCL312	1664	'8872087_/_8872101'	0.17	0.3	3.33	1.736	0.1	0.49	0.12 No	0.1	Element Fault
SCL312	1665	'4009972_/_4009969'	0.2	0.3	3.33	1.736	0.1	0.48	0.12 No	0.1	Element Fault
SCL312	1666	'129037586_/_3725386'	0.2	0.3	3.33	1.736	0.5	0.48	0.12 No	0.12	Unintentional Islanding
SCL312	1667	'3975420_/_3975418'	0.1	0.33	3.33	1.736	0.1	0.45	0.12 No	0.1	Primary Over-Voltage
SCL312	1668	'50007405_/_75147070'	0.2	0.3	3.33	1.736	0.5	0.48	0.12 No	0.12	Unintentional Islanding
SCL312	1669	'9480565_/_9480562_2'	0.2	0.3	3.33	1.736	0.2	0.47	0.12 No	0.12	Unintentional Islanding
SCL312	1670	'50007428_/_50007402'	0.2	0.3	3.33	1.736	0.5	0.47	0.12 No	0.12	Unintentional Islanding
SCL312	1671	'380279408_/_50007425_1'	0.2	0.3	3.33	1.736	0.2	0.47	0.12 No	0.12	Unintentional Islanding
SCL312	1672	'4046530_/_4046626'	0.13	0.27	3.33	1.736	0.33	0.46	0.12 No	0.12	Unintentional Islanding
SCL312	1673	'4030802_/_468843882'	0.13	0.27	3.33	1.736	0.33	0.46	0.12 No	0.12	Unintentional Islanding
SCL312	1674	'3725310_/_50007425_2'	0.2	0.27	3.33	1.736	0.2	0.46	0.12 No	0.12	Unintentional Islanding
SCL312	1675	'4046155_/_4046644'	0.13	0.27	3.33	1.736	0.33	0.46	0.12 No	0.12	Unintentional Islanding
SCL312	1676	'3725311_/_3725308'	0.2	0.27	3.33	1.736	0.2	0.45	0.12 No	0.12	Unintentional Islanding
SCL312	1677	'3725336_/_3725347'	0.2	0.27	3.33	1.736	0.2	0.45	0.12 No	0.12	Unintentional Islanding
SCL312	1678	'4046156_/_4046153'	0.13	0.27	3.33	1.736	0.33	0.45	0.12 No	0.12	Unintentional Islanding
SCL312	1679	'3725323_/_3725334'	0.2	0.27	3.33	1.736	0.2	0.45	0.12 No	0.12	Unintentional Islanding
SCL312	1680	'43429012_/_4046328'	0.17	0.27	3.33	1.736	0.3	0.45	0.12 No	0.12	Unintentional Islanding
SCL312	1681	'7929170_/_7929168'	0.13	0.27	3.33	1.736	0.3	0.45	0.12 No	0.12	Unintentional Islanding
SCL312	1682	'4046556_/_4046611'	0.1	0.27	3.33	1.736	0.33	0.45	0.12 No	0.1	Primary Over-Voltage
SCL312	1683	'4046126_/_4046170'	0.13	0.27	3.33	1.736	0.33	0.44	0.12 No	0.12	Unintentional Islanding
SCL312	1684	'3725324_/_3725321'	0.2	0.27	3.33	1.736	0.2	0.44	0.12 No	0.12	Unintentional Islanding
SCL312	1685	'43427283_/_3985829'	0.1	0.27	3.33	1.736	0.3	0.44	0.12 No	0.1	Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SCL312	1686	'4046557_/_4046554'	0.1	0.27	3.33	1.736	0.3	0.43	0.12 No	0.1	Primary Over-Voltage
SCL312	1687	'4046531_/_4046528'	0.13	0.27	3.33	1.736	0.3	0.43	0.12 No	0.12	Unintentional Islanding
SCL312	1688	'43427249_/_43427251'	0.1	0.27	3.33	1.736	0.3	0.43	0.12 No	0.1	Primary Over-Voltage
SCL312	1689	'3981570_/_3985469'	0.1	0.27	3.33	1.736	0.1	0.41	0.12 No	0.1	Primary Over-Voltage
SCL312	1690	'4046424_/_4046437'	0.1	0.27	3.33	1.736	0.3	0.42	0.12 No	0.1	Primary Over-Voltage
SCL312	1691	'43423827_/_4030799'	0.1	0.27	3.33	1.736	0.33	0.41	0.12 No	0.1	Primary Over-Voltage
SCL312	1692	'4046570_/_4046567'	0.13	0.23	3.33	1.736	0.3	0.41	0.12 No	0.12	Unintentional Islanding
SCL312	1693	'4046397_/_4046541'	0.13	0.23	3.33	1.736	0.3	0.41	0.12 No	0.12	Unintentional Islanding
SCL312	1694	'4046583_/_4046580'	0.1	0.23	3.33	1.736	0.33	0.41	0.12 No	0.1	Primary Over-Voltage
SCL312	1695	'4046315_/_43429014'	0.17	0.23	3.33	1.736	0.3	0.41	0.12 No	0.12	Unintentional Islanding
SCL312	1696	'495191042_/_4046593_1'	0.1	0.23	3.33	1.736	0.33	0.4	0.12 No	0.1	Primary Over-Voltage
SCL312	1697	'4046127_/_4046124'	0.13	0.23	3.33	1.736	0.3	0.4	0.12 No	0.12	Unintentional Islanding
SCL312	1698	'8244134_/_8872085'	0.13	0.23	3.33	1.736	0.1	0.4	0.12 No	0.1	Element Fault
SCL312	1699	'405111569_/_405111573'	0.13	0.23	3.33	1.736	0.3	0.4	0.12 No	0.12	Unintentional Islanding
SCL312	1700	'4030773_/_4030786'	0.1	0.23	3.33	1.736	0.3	0.39	0.12 No	0.1	Primary Over-Voltage
SCL312	1701	'4046316_/_4046313'	0.17	0.23	3.33	1.736	0.3	0.39	0.12 No	0.12	Unintentional Islanding
SCL312	1702	'43433650_/_4046677'	0.13	0.23	3.33	1.736	0.3	0.39	0.12 No	0.12	Unintentional Islanding
SCL312	1703	'4046398_/_4046395'	0.13	0.23	3.33	1.736	0.3	0.38	0.12 No	0.12	Unintentional Islanding
SCL312	1704	'43427162_/_3981567'	0.07	0.23	3.33	1.736	0.1	0.37	0.12 No	0.07	Primary Over-Voltage
SCL312	1705	'4046423_/_4046421'	0.1	0.23	3.33	1.736	0.3	0.38	0.12 No	0.1	Primary Over-Voltage
SCL312	1706	'44748473_/_3985855'	0.07	0.23	3.33	1.736	0.3	0.38	0.12 No	0.07	Primary Over-Voltage
SCL312	1707	'4030772_/_4030770'	0.1	0.23	3.33	1.736	0.3	0.38	0.12 No	0.1	Primary Over-Voltage
SCL312	1708	'43427271_/_43427273'	0.07	0.23	3.33	1.736	0.3	0.38	0.12 No	0.07	Primary Over-Voltage
SCL312	1709	'4046143_/_4046140'	0.13	0.23	3.33	1.736	0.3	0.37	0.12 No	0.12	Unintentional Islanding
SCL312	1710	'4046453_/_4046664'	0.1	0.23	3.33	1.736	0.33	0.37	0.12 No	0.1	Primary Over-Voltage
SCL312	1711	'3975480_/_3981583'	0.07	0.23	3.33	1.736	0.1	0.35	0.12 No	0.07	Primary Over-Voltage
SCL312	1712	'43433628_/_4046408'	0.13	0.2	3.33	1.736	0.3	0.36	0.12 No	0.12	Unintentional Islanding
SCL312	1713	'4046492_/_4046502'	0.13	0.2	3.33	1.736	0.3	0.36	0.12 No	0.12	Unintentional Islanding
SCL312	1714	'4046113_/_4046111'	0.1	0.2	3.33	1.736	0.3	0.35	0.12 No	0.1	Primary Over-Voltage
SCL312	1715	'4040048_/_4040084'	0.27	0.4	6.67	3.472	0.6	0.71	0.25 No	0.25	Unintentional Islanding
SCL312	1716	'211921830_/_211921818'	0.1	0.2	3.33	1.736	0.3	0.34	0.12 No	0.1	Primary Over-Voltage
SCL312	1717	'8244135_/_8244132'	0.1	0.2	3.33	1.736	0.1	0.34	0.12 No	0.1	Primary Over-Voltage
SCL312	1718	'3985806_/_3985816'	0.07	0.2	3.33	1.736	0.3	0.34	0.12 No	0.07	Primary Over-Voltage
SCL312	1719	'4046491_/_4046489'	0.13	0.2	3.33	1.736	0.3	0.34	0.12 No	0.12	Unintentional Islanding
SCL312	1720	'4030498_/_4046450'	0.07	0.2	3.33	1.736	0.33	0.33	0.12 No	0.07	Primary Over-Voltage
SCL312	1721	'3975408_/_3975477'	0.07	0.2	3.33	1.736	0.1	0.33	0.12 No	0.07	Primary Over-Voltage
SCL312	1722	'4046466_/_43433630'	0.13	0.2	3.33	1.736	0.3	0.34	0.12 No	0.12	Unintentional Islanding
SCL312	1723	'405111609_/_405111653'	0.1	0.2	3.33	1.736	0.3	0.34	0.12 No	0.1	Primary Over-Voltage
SCL312	1724	'211921849_/_211921832'	0.07	0.2	3.33	1.736	0.3	0.33	0.12 No	0.07	Primary Over-Voltage
SCL312	1725	'4039972_/_4040071'	0.2	0.4	6.67	3.472	0.6	0.66	0.25 No	0.2	Primary Over-Voltage
SCL312	1726	'43433661_/_4046515'	0.13	0.2	3.33	1.736	0.3	0.32	0.12 No	0.12	Unintentional Islanding
SCL312	1727	'4040047_/_4040045'	0.1	0.2	3.33	1.736	0.3	0.32	0.12 No	0.1	Primary Over-Voltage
SCL312	1728	'4030513_/_4046476'	0.13	0.2	3.33	1.736	0.3	0.32	0.12 No	0.12	Unintentional Islanding
SCL312	1729	'125295191_/_43427767_2'	0.07	0.23	3.33	1.736	0.1	0.28	0.12 No	0.07	Primary Over-Voltage
SCL312	1730	'4030497_/_4030495'	0.07	0.2	3.33	1.736	0.33	0.31	0.12 No	0.07	Primary Over-Voltage
SCL312	1731	'3975366_/_3975405'	0.07	0.2	3.33	1.736	0.1	0.31	0.12 No	0.07	Primary Over-Voltage
SCL312	1732	'4041109_/_211921851'	0.07	0.17	3.33	1.736	0.3	0.31	0.12 No	0.07	Primary Over-Voltage
SCL312	1733	'4040061_/_4040058'	0.13	0.17	3.33	1.736	0.3	0.31	0.12 No	0.12	Unintentional Islanding
SCL312	1734	'7292261_/_7292259'	0.1	0.17	3.33	1.736	0.3	0.31	0.12 No	0.1	Primary Over-Voltage
SCL312	1735	'43427754_/_43427767_1'	0.07	0.2	3.33	1.736	0.1	0.27	0.12 No	0.07	Primary Over-Voltage
SCL312	1736	'4046706_/_4046703'	0.07	0.17	3.33	1.736	0.3	0.3	0.12 No	0.07	Primary Over-Voltage
SCL312	1737	'43427260_/_43427262'	0.07	0.17	3.33	1.736	0.3	0.3	0.12 No	0.07	Primary Over-Voltage
SCL312	1738	'4030539_/_4030537'	0.1	0.17	3.33	1.736	0.3	0.3	0.12 No	0.1	Primary Over-Voltage
SCL312	1739	'4040099_/_4040097'	0.1	0.17	3.33	1.736	0.3	0.3	0.12 No	0.1	Primary Over-Voltage
SCL312	1740	'4030686_/_4046690'	0.07	0.17	3.33	1.736	0.33	0.3	0.12 No	0.07	Primary Over-Voltage
SCL312	1741	'43433639_/_4030511'	0.1	0.17	3.33	1.736	0.3	0.3	0.12 No	0.1	Primary Over-Voltage
SCL312	1742	'3975381_/_3975379'	0.07	0.17	3.33	1.736	0.1	0.29	0.12 No	0.07	Primary Over-Voltage
SCL312	1743	'4040176_/_4040173'	0.13	0.17	3.33	1.736	0.3	0.29	0.12 No	0.12	Unintentional Islanding
SCL312	1744	'4030579_/_4030602'	0.1	0.17	3.33	1.736	0.3	0.3	0.12 No	0.1	Primary Over-Voltage
SCL312	1745	'4039904_/_4039969'	0.2	0.33	6.67	3.472	0.6	0.6	0.25 No	0.2	Primary Over-Voltage
SCL312	1746	'3959261_/_3975363'	0.07	0.17	3.33	1.736	0.1	0.29	0.12 No	0.07	Primary Over-Voltage
SCL312	1747	'3988042_/_43427756'	0.07	0.2	3.33	1.736	0.1	0.26	0.12 No	0.07	Primary Over-Voltage
SCL312	1748	'369078067_/_369078065'	0.1	0.17	3.33	1.736	0.3	0.29	0.12 No	0.1	Primary Over-Voltage
SCL312	1749	'8555817_/_8555814'	0.1	0.17	3.33	1.736	0.1	0.29	0.12 No	0.1	Primary Over-Voltage
SCL312	1750	'4046719_/_4046716'	0.07	0.17	3.33	1.736	0.3	0.29	0.12 No	0.07	Primary Over-Voltage
SCL312	1751	'4030578_/_4030576'	0.1	0.17	3.33	1.736	0.3	0.28	0.12 No	0.1	Primary Over-Voltage
SCL312	1752	'3988043_/_3988040'	0.07	0.2	3.33	1.736	0.1	0.25	0.12 No	0.07	Primary Over-Voltage
SCL312	1753	'4030527_/_4030524'	0.1	0.17	3.33	1.736	0.3	0.28	0.12 No	0.1	Primary Over-Voltage
SCL312	1754	'4030685_/_4030683'	0.07	0.17	3.33	1.736	0.3	0.28	0.12 No	0.07	Primary Over-Voltage
SCL312	1755	'4046735_/_4046732'	0.07	0.17	3.33	1.736	0.3	0.28	0.12 No	0.07	Primary Over-Voltage
SCL312	1756	'43427105_/_3959258'	0.07	0.17	3.33	1.736	0.1	0.27	0.12 No	0.07	Primary Over-Voltage
SCL312	1757	'43420335_/_4040186'	0.13	0.17	3.33	1.736	0.3	0.28	0.12 No	0.12	Unintentional Islanding
SCL312	1758	'3985954_/_3985952'	0.07	0.17	3.33	1.736	0.3	0.28	0.12 No	0.07	Primary Over-Voltage
SCL312	1759	'4039917_/_4039914'	0.1	0.17	3.33	1.736	0.3	0.27	0.12 No	0.1	Primary Over-Voltage
SCL312	1760	'3988056_/_3988053'	0.03	0.17	3.33	1.736	0.1	0.24	0.12 No	0.03	Primary Over-Voltage
SCL312	1761	'4039933_/_4039943'	0.2	0.33	6.67	3.472	0.6	0.55	0.25 No	0.2	Primary Over-Voltage
SCL312	1762	'4046748_/_4046745'	0.07	0.17	3.33	1.736	0.3	0.27	0.12 No	0.07	Primary Over-Voltage
SCL312	1763	'4040015_/_43420337'	0.13	0.17	3.33	1.736	0.3	0.26	0.12 No	0.12	Unintentional Islanding
SCL312	1764	'43423110_/_43423112'	0.1	0.17	3.33	1.736	0.3	0.26	0.12 No	0.1	Primary Over-Voltage
SCL312	1765	'43433683_/_43433685'	0.1	0.17	3.33	1.736	0.3	0.26	0.12 No	0.1	Primary Over-Voltage
SCL312	1766	'3959091_/_3959245'	0.07	0.17	3.33	1.736	0.1	0.26	0.12 No	0.07	Primary Over-Voltage
SCL312	1767	'43433672_/_4030628'	0.1	0.13	3.33	1.736	0.3	0.26	0.12 No	0.1	Primary Over-Voltage
SCL312	1768	'3988069_/_3988066'	0.03	0.17	3.33	1.736	0.1	0.24	0.12 No	0.03	Primary Over-Voltage
SCL312	1769	'4047370_/_4047367'	0.1	0.13	3.33	1.736	0.3	0.26	0.12 No	0.1	Primary Over-Voltage
SCL312	1770	'4014845_/_4014855'	0.03	0.13	3.33	1.736	0.3	0.25	0.12 No	0.03	Primary Over-Voltage
SCL312	1771	'4039852_/_4039930'	0.2	0.27	6.67	3.472	0.6	0.52	0.25 No	0.2	Primary Over-Voltage
SCL312	1772	'4030553_/_4030550'	0.1	0.13	3.33	1.736	0.3	0.25	0.12 No	0.1	Primary Over-Voltage
SCL312	1773	'4039878_/_4039888'	0.07	0.13	3.33	1.736	0.3	0.25	0.12 No	0.07	Primary Over-Voltage
SCL312	1774	'3959090_/_3959088'	0.03	0.13	3.33	1.736	0.1	0.25	0.12 No	0.03	Primary Over-Voltage
SCL312	1775	'4030618_/_4030615'	0.1	0.13	3.33	1.736	0.3	0.25	0.12 No	0.1	Primary Over-Voltage
SCL312	1776	'4030566_/_4030563'	0.1	0.13	3.33	1.736	0.3	0.24	0.12 No	0.1	Primary Over-Voltage
SCL312	1777	'43423099_/_43423101'	0.07	0.13	3.33	1.736	0.3	0.24	0.12 No	0.07	Primary Over-Voltage
SCL312	1778	'4030670_/_4030667'	0.1	0.13	3.33	1.736	0.3	0.24	0.12 No	0.1	Primary Over-Voltage
SCL312	1779	'4038401_/_4038399'	0.03	0.13	3.33	1.736	0.1	0.23	0.12 No	0.03	Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SCL312	1780	'153501432_/_153501429'	0.07	0.13	3.33	1.736	0.3	0.23	0.12	No	0.07 Primary Over-Voltage
SCL312	1781	'4014829_/_4014842'	0.03	0.13	3.33	1.736	0.3	0.24	0.12	No	0.03 Primary Over-Voltage
SCL312	1782	'4030643_/_4030641'	0.1	0.13	3.33	1.736	0.3	0.23	0.12	No	0.1 Primary Over-Voltage
SCL312	1783	'4039760_/_4039862'	0.1	0.13	3.33	1.736	0.3	0.23	0.12	No	0.1 Primary Over-Voltage
SCL312	1784	'4039851_/_4039849'	0.07	0.13	3.33	1.736	0.3	0.23	0.12	No	0.07 Primary Over-Voltage
SCL312	1785	'153501506_/_153501489'	0.07	0.13	3.33	1.736	0.3	0.23	0.12	No	0.07 Primary Over-Voltage
SCL312	1786	'43427026_/_4038499'	0.03	0.13	3.33	1.736	0.1	0.22	0.12	No	0.03 Primary Over-Voltage
SCL312	1787	'7608126_/_8556438'	0.07	0.13	3.33	1.736	0.3	0.23	0.12	No	0.07 Primary Over-Voltage
SCL312	1788	'4030656_/_4030654'	0.1	0.13	3.33	1.736	0.3	0.22	0.12	No	0.1 Primary Over-Voltage
SCL312	1789	'4014828_/_4014826'	0.03	0.13	3.33	1.736	0.3	0.22	0.12	No	0.03 Primary Over-Voltage
SCL312	1790	'126381038_/_4039982'	0.07	0.13	3.33	1.736	0.3	0.22	0.12	No	0.07 Primary Over-Voltage
SCL312	1791	'43420313_/_4039758'	0.1	0.13	3.33	1.736	0.3	0.22	0.12	No	0.1 Primary Over-Voltage
SCL312	1792	'3959078_/_4038512'	0.03	0.13	3.33	1.736	0.1	0.21	0.12	No	0.03 Primary Over-Voltage
SCL312	1793	'43433694_/_43433696'	0.07	0.13	3.33	1.736	0.3	0.22	0.12	No	0.07 Primary Over-Voltage
SCL312	1794	'49932566_/_3721783_ 2'	0.1	0.4	10	5.208	0.1	0.56	0.37	No	0.1 Primary Over-Voltage
SCL312	1795	'43369835_/_3721783_ 1'	0.1	0.4	10	5.208	0.1	0.56	0.37	No	0.1 Primary Over-Voltage
SCL312	1796	'3721877_/_43369837'	0.1	0.4	10	5.208	0.1	0.56	0.37	No	0.1 Primary Over-Voltage
SCL312	1797	'3959077_/_3959075'	0.03	0.13	3.33	1.736	0.1	0.21	0.12	No	0.03 Primary Over-Voltage
SCL312	1798	'54942235_/_54942176'	0.07	0.13	3.33	1.736	0.3	0.21	0.12	No	0.07 Primary Over-Voltage
SCL312	1799	'4039777_/_4039774'	0.1	0.1	3.33	1.736	0.3	0.21	0.12	No	0.1 Primary Over-Voltage
SCL312	1800	'54942261_/_54942237'	0.07	0.1	3.33	1.736	0.3	0.21	0.12	No	0.07 Primary Over-Voltage
SCL312	1801	'45044363_/_4030812'	0.07	0.1	3.33	1.736	0.3	0.21	0.12	No	0.07 Primary Over-Voltage
SCL312	1802	'3959103_/_3959101'	0.03	0.1	3.33	1.736	0.1	0.2	0.12	No	0.03 Primary Over-Voltage
SCL312	1803	'4039790_/_4039787'	0.1	0.1	3.33	1.736	0.3	0.21	0.12	No	0.1 Primary Over-Voltage
SCL312	1804	'54942266_/_54942264'	0.07	0.1	3.33	1.736	0.3	0.2	0.12	No	0.07 Primary Over-Voltage
SCL312	1805	'4040150_/_4040147'	0.1	0.1	3.33	1.736	0.3	0.2	0.12	No	0.1 Primary Over-Voltage
SCL312	1806	'43420324_/_4040160'	0.1	0.1	3.33	1.736	0.3	0.2	0.12	No	0.1 Primary Over-Voltage
SCL313	0	'SCL313_/_4035199'	10	10	10	6.688	10	10	1.12	No	1.12 Unintentional Islanding
SCL313	1	'4035129_/_4035199'	10	10	10	6.688	10	10	1.12	No	1.12 Unintentional Islanding
SCL313	2	'4033395_/_4035154'	10	10	10	6.688	10	10	1.12	No	1.12 Unintentional Islanding
SCL313	3	'129494368_/_116892187'	10	10	10	6.688	10	10	1.12	No	1.12 Unintentional Islanding
SCL313	4	'4033259_/_129494348'	10	10	10	6.688	10	10	1.12	No	1.12 Unintentional Islanding
SCL313	5	'4033242_/_4033256'	10	10	10	6.688	10	10	1.12	No	1.12 Unintentional Islanding
SCL313	6	'4033154_/_4033239'	10	10	10	6.688	10	10	1.12	No	1.12 Unintentional Islanding
SCL313	7	'4033153_/_4033151'	10	10	10	6.688	10	10	1.12	No	1.12 Unintentional Islanding
SCL313	8	'4042328_/_4042326'	10	10	10	6.688	10	10	1.12	No	1.12 Unintentional Islanding
SCL313	9	'4042345_/_4042343'	10	10	10	6.688	10	10	1.12	No	1.12 Unintentional Islanding
SCL313	10	'4042259_/_4042360'	10	10	10	6.688	10	10	1.12	No	1.12 Unintentional Islanding
SCL313	11	'389379416_/_4042313_ 1'	3.33	3.33	3.33	2.232	1.3	3.33	0.37	No	0.37 Unintentional Islanding
SCL313	12	'4042258_/_4042256'	10	10	10	6.688	10	10	1.11	No	1.11 Unintentional Islanding
SCL313	13	'316263659_/_4032337_ 1'	3.33	3.33	3.33	2.232	1.6	3.33	0.37	No	0.37 Unintentional Islanding
SCL313	14	'390776655_/_4032311_ 1'	3.33	3.33	3.33	2.232	1.3	3.33	0.37	No	0.37 Unintentional Islanding
SCL313	15	'4030878_/_4042276'	10	10	10	6.688	10	10	1.11	No	1.11 Unintentional Islanding
SCL313	16	'407022056_/_407022014_ 1'	3.33	3.33	3.33	2.232	1.3	3.33	0.37	No	0.37 Unintentional Islanding
SCL313	17	'43432384_/_4032311_ 2'	3.33	3.33	3.33	2.232	1.3	3.33	0.37	No	0.37 Unintentional Islanding
SCL313	18	'4030861_/_4030875'	10	10	10	6.688	10	10	1.11	No	1.11 Unintentional Islanding
SCL313	19	'43432395_/_4032337_ 2'	3.33	3.33	3.33	2.232	1.6	3.33	0.37	No	0.37 Unintentional Islanding
SCL313	20	'4030860_/_4030858'	10	10	10	6.688	10	10	1.11	No	1.11 Unintentional Islanding
SCL313	21	'389379351_/_4042313_ 2'	3.33	3.33	3.33	2.232	1.3	3.33	0.37	No	0.37 Unintentional Islanding
SCL313	22	'4036749_/_4042296'	10	10	10	6.688	10	10	1.11	No	1.11 Unintentional Islanding
SCL313	23	'407022017_/_407022014_ 2'	3.33	3.33	3.33	2.232	1.3	3.33	0.37	No	0.37 Unintentional Islanding
SCL313	24	'384801468_/_384801416_ 1'	10	10	10	6.688	3.9	10	1.11	No	1.11 Unintentional Islanding
SCL313	25	'4030755_/_4036746'	10	10	10	6.688	10	10	1.11	No	1.11 Unintentional Islanding
SCL313	26	'407022047_/_384801204_ 2'	3.33	3.33	3.33	2.232	1.3	3.33	0.37	No	0.37 Unintentional Islanding
SCL313	27	'389379339_/_389379353'	3.33	3.33	3.33	2.232	1.3	3.33	0.37	No	0.37 Unintentional Islanding
SCL313	28	'4032435_/_4036729'	10	10	10	6.688	10	10	1.11	No	1.11 Unintentional Islanding
SCL313	29	'9503697_/_384801416_ 2'	10	10	10	6.688	3.9	10	1.11	No	1.11 Unintentional Islanding
SCL313	30	'4030756_/_4030753'	10	10	10	6.688	10	10	1.11	No	1.11 Unintentional Islanding
SCL313	31	'4032931_/_43432397'	3.33	3.33	3.33	2.232	1.6	3.33	0.37	No	0.37 Unintentional Islanding
SCL313	32	'316263917_/_316263827_ 1'	3.33	3.33	3.33	2.232	1.3	3.33	0.37	No	0.37 Unintentional Islanding
SCL313	33	'8544865_/_384801204_ 1'	3.33	3.33	3.33	2.232	0.8	3.33	0.37	No	0.37 Unintentional Islanding
SCL313	34	'316263883_/_316263827_ 2'	3.33	3.33	3.33	2.232	1.3	3.33	0.37	No	0.37 Unintentional Islanding
SCL313	35	'4032896_/_124256048_ 1'	10	10	10	6.688	2.4	10	1.11	No	1.11 Unintentional Islanding
SCL313	36	'4032434_/_4032432'	10	10	10	6.688	10	10	1.11	No	1.11 Unintentional Islanding
SCL313	37	'4032897_/_124256048_ 2'	10	10	10	6.688	2.4	10	1.11	No	1.11 Unintentional Islanding
SCL313	38	'4020136_/_4036695'	10	10	10	6.688	10	10	1.11	No	1.11 Unintentional Islanding
SCL313	39	'4032791_/_4032789'	10	10	10	6.688	10	10	1.11	No	1.11 Unintentional Islanding
SCL313	40	'43430441_/_4020134'	10	10	10	6.688	10	10	1.11	No	1.11 Unintentional Islanding
SCL313	41	'4020103_/_43430443_ 1'	10	10	10	6.688	10	10	1.11	No	1.11 Unintentional Islanding
SCL313	42	'4020102_/_43430443_ 2'	10	10	10	6.688	2.4	10	1.11	No	1.11 Unintentional Islanding
SCL313	43	'4020085_/_43430443_ 3'	10	10	10	6.688	2.4	10	1.11	No	1.11 Unintentional Islanding
SCL313	44	'482909880_/_4032823'	10	10	10	6.688	10	10	1.11	No	1.11 Unintentional Islanding
SCL313	45	'4022043_/_4022057'	10	10	10	6.688	10	10	1.11	No	1.11 Unintentional Islanding
SCL313	46	'4021788_/_4022040'	10	10	10	6.688	10	10	1.11	No	1.11 Unintentional Islanding
SCL313	47	'4005159_/_4032324'	3.33	3.33	3.33	2.232	1.3	3.33	0.37	No	0.37 Unintentional Islanding
SCL313	48	'4036832_/_4036830'	10	10	10	6.688	10	10	1.11	No	1.11 Unintentional Islanding
SCL313	49	'482909960_/_4046064_ 1'	3.33	3.33	3.33	2.232	1.3	3.33	0.37	No	0.37 Unintentional Islanding
SCL313	50	'43430487_/_43430489'	10	10	10	6.688	10	10	1.11	No	1.11 Unintentional Islanding
SCL313	51	'350721299_/_4042380'	10	10	10	6.688	10	10	1.11	No	1.11 Unintentional Islanding
SCL313	52	'4018258_/_4021768'	10	10	10	6.688	10	10	1.11	No	1.11 Unintentional Islanding
SCL313	53	'4042400_/_4042414'	10	10	10	6.688	10	10	1.11	No	1.11 Unintentional Islanding
SCL313	54	'4042399_/_4042397'	10	10	10	6.688	10	10	1.11	No	1.11 Unintentional Islanding
SCL313	55	'4018179_/_4018256'	10</								

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SCL313	67	'4041904_/_4042448'		10	10	10	6.688	10	10	1.11 No	1.11 Unintentional Islanding
SCL313	68	'4018146_/_4018160_1'		10	10	10	6.688	3.9	10	1.11 No	1.11 Unintentional Islanding
SCL313	69	'559504292_/_4041901_2'		10	10	10	6.688	10	10	1.11 No	1.11 Unintentional Islanding
SCL313	70	'482909901_/_121449047_1'	3.33	3.33	3.33	2.232	1.3	3.33	0.37 No	0.37 Unintentional Islanding	
SCL313	71	'43433802_/_4030144'		10	10	10	6.688	10	10	1.11 No	1.11 Unintentional Islanding
SCL313	72	'4032063_/_4041901_1'		10	10	10	6.688	6.6	10	1.11 No	1.11 Unintentional Islanding
SCL313	73	'52829874_/_52829882'		10	10	10	6.688	10	10	1.11 No	1.11 Unintentional Islanding
SCL313	74	'4032064_/_4032074_1'	3.33	3.33	3.33	2.232	1.3	3.33	0.37 No	0.37 Unintentional Islanding	
SCL313	75	'121449045_/_121449047_2'	3.33	3.33	3.33	2.232	1.3	3.33	0.37 No	0.37 Unintentional Islanding	
SCL313	76	'4032089_/_4032087'		10	10	10	6.688	6.6	10	1.11 No	1.11 Unintentional Islanding
SCL313	77	'4005160_/_4005157'	3.33	3.33	3.33	2.232	1.3	3.33	0.37 No	0.37 Unintentional Islanding	
SCL313	78	'7609374_/_384801215'	3.33	3.33	3.33	2.232	0.8	3.33	0.37 No	0.37 Unintentional Islanding	
SCL313	79	'43426741_/_43426743'		10	10	10	6.688	6.6	10	1.11 No	1.11 Unintentional Islanding
SCL313	80	'52829778_/_4030101'		10	10	10	6.688	10	10	1.11 No	1.11 Unintentional Islanding
SCL313	81	'43430659_/_4018143'		10	10	10	6.688	3.9	10	1.11 No	1.11 Unintentional Islanding
SCL313	82	'53401208_/_4032074_2'	3.33	3.33	3.33	2.232	1.3	3.33	0.37 No	0.37 Unintentional Islanding	
SCL313	83	'3980331_/_3980345'		10	10	10	6.688	6.6	10	1.11 No	1.11 Unintentional Islanding
SCL313	84	'4032486_/_384550562_2'	3.33	3.33	3.33	2.232	1.3	3.33	0.37 No	0.37 Unintentional Islanding	
SCL313	85	'43430672_/_4018203_2'	3.33	3.33	3.33	2.232	1.3	3.33	0.37 No	0.37 Unintentional Islanding	
SCL313	86	'52829312_/_4030161'		10	10	10	6.688	10	10	1.11 No	1.11 Unintentional Islanding
SCL313	87	'266615953_/_3980269'		10	10	10	6.688	6.6	10	1.11 No	1.11 Unintentional Islanding
SCL313	88	'52829389_/_384213308_2'	3.33	3.33	3.33	2.232	3.33	3.33	0.37 No	0.37 Unintentional Islanding	
SCL313	89	'382852215_/_382852217'	3.33	3.33	3.33	2.232	1.3	3.33	0.37 No	0.37 Unintentional Islanding	
SCL313	90	'350721546_/_4002361'	3.33	3.33	3.33	2.232	1.3	3.33	0.37 No	0.37 Unintentional Islanding	
SCL313	91	'52829198_/_52829718'		10	10	10	6.688	10	10	1.11 No	1.11 Unintentional Islanding
SCL313	92	'4004117_/_4004115'		10	10	10	6.688	6.6	10	1.11 No	1.11 Unintentional Islanding
SCL313	93	'384550740_/_384550738'	3.33	3.33	3.33	2.232	1.3	3.33	0.37 No	0.37 Unintentional Islanding	
SCL313	94	'4022576_/_4022561'	3.33	3.33	3.33	2.232	1.3	3.33	0.37 No	0.37 Unintentional Islanding	
SCL313	95	'4018112_/_4018126'		10	10	10	6.688	3.9	10	1.11 No	1.11 Unintentional Islanding
SCL313	96	'4032503_/_384550641'	3.33	3.33	3.33	2.232	1.3	3.33	0.37 No	0.37 Unintentional Islanding	
SCL313	97	'52829504_/_52829501'		10	10	10	6.688	10	10	1.11 No	1.11 Unintentional Islanding
SCL313	98	'384551633_/_384551614_3'	3.33	3.33	3.33	2.232	3.33	3.33	0.37 No	0.37 Unintentional Islanding	
SCL313	99	'4004329_/_43426732'	3.33	3.33	3.33	2.232	2.2	3.33	0.37 No	0.37 Unintentional Islanding	
SCL313	100	'69563343_/_384551614_2'	3.33	3.33	3.33	2.232	1.2	3.33	0.37 No	0.37 Unintentional Islanding	
SCL313	101	'4004280_/_4004310'		10	10	10	6.688	6.6	10	1.1 No	1.1 Unintentional Islanding
SCL313	102	'56901437_/_52829476'		10	10	10	6.688	10	10	1.1 No	1.1 Unintentional Islanding
SCL313	103	'403330327_/_50903749_1'		10	10	10	6.688	3.9	10	1.11 No	1.11 Unintentional Islanding
SCL313	104	'4004101_/_4004293'		10	10	10	6.688	6.6	10	1.1 No	1.1 Unintentional Islanding
SCL313	105	'4004267_/_4004264_2'	3.33	3.33	3.33	2.232	2.2	3.33	0.37 No	0.37 Unintentional Islanding	
SCL313	106	'52830128_/_384551614_1'	3.33	3.33	3.33	2.232	1.2	3.33	0.37 No	0.37 Unintentional Islanding	
SCL313	107	'50903752_/_50903749_2'		10	10	10	6.688	3.9	10	1.11 No	1.11 Unintentional Islanding
SCL313	108	'52829460_/_52829907_3'	3.33	3.33	3.33	2.232	2.9	3.33	0.37 No	0.37 Unintentional Islanding	
SCL313	109	'52829554_/_52829551'		10	10	10	6.688	10	10	1.1 No	1.1 Unintentional Islanding
SCL313	110	'4004100_/_4004098'		10	10	10	6.688	6.6	10	1.1 No	1.1 Unintentional Islanding
SCL313	111	'52829155_/_52829148'		10	10	10	6.688	10	10	1.1 No	1.1 Unintentional Islanding
SCL313	112	'4032136_/_4032202'	3.33	3.33	3.33	2.232	1.3	3.33	0.37 No	0.37 Unintentional Islanding	
SCL313	113	'4004137_/_4004195'		10	10	10	6.688	6.6	10	1.1 No	1.1 Unintentional Islanding
SCL313	114	'384213310_/_384213308_1'	3.33	3.33	3.33	2.232	1.2	3.33	0.37 No	0.37 Unintentional Islanding	
SCL313	115	'4009687_/_4009685'		10	10	10	6.688	10	10	1.1 No	1.1 Unintentional Islanding
SCL313	116	'473907566_/_473907563'	3.33	3.33	3.33	2.232	1.2	3.33	0.37 No	0.37 Unintentional Islanding	
SCL313	117	'56901453_/_52829907_2'	3.33	3.33	3.33	2.232	1.2	3.33	0.37 No	0.37 Unintentional Islanding	
SCL313	118	'4018095_/_4018109'		10	10	10	6.688	3.9	10	1.11 No	1.11 Unintentional Islanding
SCL313	119	'4009688_/_52829169'		10	10	10	6.688	10	10	1.1 No	1.1 Unintentional Islanding
SCL313	120	'4032107_/_4032104'	3.33	3.33	3.33	2.232	1.3	3.33	0.37 No	0.37 Unintentional Islanding	
SCL313	121	'4004150_/_4004148'		10	10	10	6.688	6.6	10	1.1 No	1.1 Unintentional Islanding
SCL313	122	'4009705_/_4009719'		10	10	10	6.688	10	10	1.1 No	1.1 Unintentional Islanding
SCL313	123	'52829910_/_52829907_1'	3.33	3.33	3.33	2.232	1.2	3.33	0.37 No	0.37 Unintentional Islanding	
SCL313	124	'4004241_/_4004264_1'	3.33	3.33	3.33	2.232	1.3	3.33	0.37 No	0.37 Unintentional Islanding	
SCL313	125	'43430430_/_4022865'	3.33	3.33	3.33	2.232	1.3	3.33	0.37 No	0.37 Unintentional Islanding	
SCL313	126	'43426899_/_43426901'		10	10	10	6.688	10	10	1.1 No	1.1 Unintentional Islanding
SCL313	127	'4004462_/_4004460'		10	10	10	6.688	6.6	10	1.1 No	1.1 Unintentional Islanding
SCL313	128	'385756956_/_4022726_1'	3.33	3.33	3.33	2.232	0.5	3.33	0.37 No	0.37 Unintentional Islanding	
SCL313	129	'40330050_/_384550752'	3.33	3.33	3.33	2.232	1.3	3.33	0.37 No	0.37 Unintentional Islanding	
SCL313	130	'4018036_/_4018190'	3.33	3.33	3.33	2.232	1.3	3.33	0.37 No	0.37 Unintentional Islanding	
SCL313	131	'4004409_/_4004477'		10	10	10	6.688	6.6	10	1.1 No	1.1 Unintentional Islanding
SCL313	132	'43429459_/_43429461'	3.33	3.33	3.33	2.232	2.2	3.33	0.37 No	0.37 Unintentional Islanding	
SCL313	133	'4004391_/_4004406_1'		10	10	10	6.688	3.9	10	1.1 No	1.1 Unintentional Islanding
SCL313	134	'4009670_/_4009668'		10	10	10	6.688	10	10	1.1 No	1.1 Unintentional Islanding
SCL313	135	'4004429_/_4004443'		10	10	10	6.688	6.6	10	1.1 No	1.1 Unintentional Islanding
SCL313	136	'384551690_/_384551688'	3.33	3.33	3.33	2.232	1.2	3.33	0.37 No	0.37 Unintentional Islanding	
SCL313	137	'4009358_/_4013156'		10	10	10	6.688	10	10	1.1 No	1.1 Unintentional Islanding
SCL313	138	'390776814_/_4022726_2'	3.33	3.33	3.33	2.232	0.5	3.33	0.37 No	0.37 Unintentional Islanding	
SCL313	139	'4004215_/_4004212_2'	3.33	3.33	3.33	2.232	2.2	3.33	0.37 No	0.37 Unintentional Islanding	
SCL313	140	'43426754_/_43426769'		10	10	10	6.688	3.9	10	1.1 No	1.1 Unintentional Islanding
SCL313	141	'403330672_/_403330643_1'		10	10	10	6.688	2.4	10	1.1 No	1.1 Unintentional Islanding
SCL313	142	'4009357_/_4009355'		10	10	10	6.688	10	10	1.1 No	1.1 Unintentional Islanding
SCL313	143	'4004138_/_4004135_1'	3.33	3.33	3.33	2.232	0.5	3.33	0.37 No	0.37 Unintentional Islanding	
SCL313	144	'4004359_/_4004426'		10	10	10	6.688	6.6	10	1.1 No	1.1 Unintentional Islanding
SCL313	145	'43423909_/_43423911'		10	10	10	6.688	10	10	1.1 No	1.1 Unintentional Islanding
SCL313	146	'384550662_/_384550659'	3.33	3.33	3.33	2.232	1.3	3.33	0.37 No	0.37 Unintentional Islanding	
SCL313	147	'43431264_/_4022574'	3.33	3.33	3.33	2.232	1.3	3.33	0.37 No	0.37 Unintentional Islanding	
SCL313	148	'52829406_/_43426938'	3.33	3.33	3.33	2.232	1.2	3.33	0.37 No	0.37 Unintentional Islanding	
SCL313	149	'4004371_/_4004406_2'		10	10	10	6.688	3.9	10	1.1 No	1.1 Unintentional Islanding
SCL313	150	'4009550_/_4009548'		10	10	10	6.688	10	10	1.1 No	1.1 Unintentional Islanding
SCL313	151	'4004343_/_43429472_2'	3.33	3.33	3.33	2.232	2.2	3.33	0.37 No	0.37 Unintentional Islanding	
SCL313	152	'4004522_/_4004520'		10	10	10	6.688	6.6	10	1.1 No	1.1 Unintentional Islanding
SCL313	153	'4017863_/_4018092'		10	10	10	6.688	3.9	10	1.11 No	1.11 Unintentional Islanding
SCL313	154	'43429437_/_4004238'	3.33	3.33	3.33	2.232	1.3	3.33	0.37 No	0.37 Unintentional Islanding	
SCL313	155	'4013289_/_4013345'		10	10	10	6.688	10	10	1.1 No	1.1 Unintentional Islanding
SCL313	156	'4004556_/_4004135_2'	3.33	3.33	3.33	2.232	0.5	3.33	0.37 No	0.37 Unintentional Islanding	
SCL313	157	'4009488_/_4009485'	3.33	3.33	3.33	2.232	1.2	3.33	0.37 No	0.37 Unintentional Islanding	
SCL313	158	'392789995_/_4013302_1'		10	10	10	6.688	4.9	10	1.1 No	1.1 Unintentional Islanding
SCL313	159	'4004168_/_4004212_1'	3.33	3.33	3.33	2.232	1.3	3.33	0.37 No	0.37 Unintentional Islanding	
SCL313	160	'4004055_/_4004537'		10	10	10	6.688	6.6	10	1.1 No	1.1 Unintentional Islanding

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SCL313	161	'43429492_/_4004369'		10	10	10	6.688	3.9	10	1.1 No	1.1 Unintentional Islanding
SCL313	162	'384213247_/_4013302_2'		10	10	10	6.688	4.9	10	1.1 No	1.1 Unintentional Islanding
SCL313	163	'452891122_/_452891009'		10	10	10	6.688	6.6	10	1.1 No	1.1 Unintentional Islanding
SCL313	164	'4012237_/_4013365'		10	10	10	6.688	10	10	1.1 No	1.1 Unintentional Islanding
SCL313	165	'4003858_/_4004494'	3.33		3.33	3.33	2.232	2.2	3.33	0.37 No	0.37 Unintentional Islanding
SCL313	166	'4012200_/_4012234'		10	10	10	6.688	10	10	1.1 No	1.1 Unintentional Islanding
SCL313	167	'43429718_/_43429720'		10	10	10	6.688	10	10	1.1 No	1.1 Unintentional Islanding
SCL313	168	'4018037_/_4018034'	3.33		3.33	3.33	2.232	1.3	3.33	0.37 No	0.37 Unintentional Islanding
SCL313	169	'4004038_/_4004052'		10	10	10	6.688	6.6	10	1.1 No	1.1 Unintentional Islanding
SCL313	170	'4004072_/_4004069_2'	3.33		3.33	3.33	2.232	2.2	3.33	0.37 No	0.37 Unintentional Islanding
SCL313	171	'4004791_/_4012197'		10	10	10	6.688	10	10	1.1 No	1.1 Unintentional Islanding
SCL313	172	'43429470_/_43429472_1'	3.33		3.33	3.33	2.232	1.3	3.33	0.37 No	0.37 Unintentional Islanding
SCL313	173	'495322705_/_495324372_1'	3.33		3.33	3.33	2.232	1.2	3.33	0.37 No	0.37 Unintentional Islanding
SCL313	174	'4003887_/_4004340'	3.33		3.33	3.33	2.232	1.3	3.33	0.37 No	0.37 Unintentional Islanding
SCL313	175	'4009802_/_495324372_2'	3.33		3.33	3.33	2.232	1.2	3.33	0.37 No	0.37 Unintentional Islanding
SCL313	176	'495324230_/_495324239_1'	3.33		3.33	3.33	2.232	1.2	3.33	0.37 No	0.37 Unintentional Islanding
SCL313	177	'4004021_/_4004035'		10	10	10	6.688	6.6	10	1.1 No	1.1 Unintentional Islanding
SCL313	178	'337277024_/_337277026'		10	10	10	6.688	10	10	1.1 No	1.1 Unintentional Islanding
SCL313	179	'4004856_/_4004870'		10	10	10	6.688	10	10	1.1 No	1.1 Unintentional Islanding
SCL313	180	'43432273_/_4032133'	3.33		3.33	3.33	2.232	1.3	3.33	0.37 No	0.37 Unintentional Islanding
SCL313	181	'4009846_/_4009899'		10	10	10	6.688	10	10	1.1 No	1.1 Unintentional Islanding
SCL313	182	'4004004_/_4004018'		10	10	10	6.688	6.6	10	1.1 No	1.1 Unintentional Islanding
SCL313	183	'4012184_/_4013286'	3.33		3.33	3.33	2.232	3.33	3.33	0.37 No	0.37 Unintentional Islanding
SCL313	184	'4004855_/_4004853'		10	10	10	6.688	10	10	1.1 No	1.1 Unintentional Islanding
SCL313	185	'495322724_/_43429343_1'	3.33		3.33	3.33	2.232	1.2	3.33	0.37 No	0.37 Unintentional Islanding
SCL313	186	'4003874_/_4003884'	3.33		3.33	3.33	2.232	1.3	3.33	0.37 No	0.37 Unintentional Islanding
SCL313	187	'88961231_/_4004165'	3.33		3.33	3.33	2.232	1.3	3.33	0.37 No	0.37 Unintentional Islanding
SCL313	188	'495324253_/_495324239_2'	3.33		3.33	3.33	2.232	1.2	3.33	0.37 No	0.37 Unintentional Islanding
SCL313	189	'4017963_/_4017960'	3.33		3.33	3.33	2.232	1.3	3.33	0.37 No	0.37 Unintentional Islanding
SCL313	190	'43430435_/_43430432'	3.33		3.33	3.33	2.232	1.3	3.33	0.37 No	0.37 Unintentional Islanding
SCL313	191	'388547195_/_4009843'		10	10	10	6.688	10	10	1.1 No	1.1 Unintentional Islanding
SCL313	192	'4003793_/_43429439'	3.33		3.33	3.33	2.232	1.3	3.33	0.37 No	0.37 Unintentional Islanding
SCL313	193	'43429692_/_43429694'		10	10	10	6.688	10	10	1.1 No	1.1 Unintentional Islanding
SCL313	194	'4027698_/_43431266'	3.33		3.33	3.33	2.232	1.3	3.33	0.37 No	0.37 Unintentional Islanding
SCL313	195	'4009407_/_4009405'	3.33		3.33	3.33	2.232	1.2	3.33	0.37 No	0.37 Unintentional Islanding
SCL313	196	'4017843_/_4017860'		10	10	10	6.688	3.9	10	1.11 No	1.11 Unintentional Islanding
SCL313	197	'43429516_/_4004069_1'	3.33		3.33	3.33	2.232	1.3	3.33	0.37 No	0.37 Unintentional Islanding
SCL313	198	'43426802_/_43426804'		10	10	10	6.688	6.6	10	1.1 No	1.1 Unintentional Islanding
SCL313	199	'4004890_/_4004972'		10	10	10	6.688	10	10	1.1 No	1.1 Unintentional Islanding
SCL313	200	'4003780_/_88961241'	3.33		3.33	3.33	2.232	1.3	3.33	0.37 No	0.37 Unintentional Islanding
SCL313	201	'4004738_/_4004752'		10	10	10	6.688	10	10	1.1 No	1.1 Unintentional Islanding
SCL313	202	'4003832_/_4003855'	3.33		3.33	3.33	2.232	2.2	3.33	0.37 No	0.37 Unintentional Islanding
SCL313	203	'4004839_/_4004887'		10	10	10	6.688	10	10	1.1 No	1.1 Unintentional Islanding
SCL313	204	'4004805_/_4004836'		10	10	10	6.688	10	10	1.1 No	1.1 Unintentional Islanding
SCL313	205	'4003913_/_4003910'	3.33		3.33	3.33	2.232	1.3	3.33	0.37 No	0.37 Unintentional Islanding
SCL313	206	'388567165_/_4004769_1'		10	10	10	6.688	3.9	10	1.1 No	1.1 Unintentional Islanding
SCL313	207	'4004737_/_4004735'		10	10	10	6.688	10	10	1.1 No	1.1 Unintentional Islanding
SCL313	208	'3980049_/_4004001'		10	10	10	6.688	6.6	10	1.1 No	1.1 Unintentional Islanding
SCL313	209	'43429629_/_43429631'		10	10	10	6.688	10	10	1.1 No	1.1 Unintentional Islanding
SCL313	210	'4009803_/_495324413'	3.33		3.33	3.33	2.232	1.2	3.33	0.37 No	0.37 Unintentional Islanding
SCL313	211	'43429481_/_43429483'	3.33		3.33	3.33	2.232	1.3	3.33	0.37 No	0.37 Unintentional Islanding
SCL313	212	'4002413_/_4004819'		10	10	10	6.688	10	10	1.1 No	1.1 Unintentional Islanding
SCL313	213	'43430612_/_43430614'	3.33		3.33	3.33	2.232	1.3	3.33	0.37 No	0.37 Unintentional Islanding
SCL313	214	'4029821_/_4029819'		10	10	10	6.688	10	10	1.1 No	1.1 Unintentional Islanding
SCL313	215	'4004570_/_4004567'		10	10	10	6.688	3.9	10	1.1 No	1.1 Unintentional Islanding
SCL313	216	'4002472_/_4002486'		10	10	10	6.688	10	10	1.1 No	1.1 Unintentional Islanding
SCL313	217	'4009876_/_4012181'	3.33		3.33	3.33	2.232	3.33	3.33	0.37 No	0.37 Unintentional Islanding
SCL313	218	'495322875_/_4002411_1'	6.67		6.67	6.67	4.456	2.5	6.67	0.73 No	0.73 Unintentional Islanding
SCL313	219	'3980037_/_4032120'	3.33		3.33	3.33	2.232	1.3	3.33	0.37 No	0.37 Unintentional Islanding
SCL313	220	'4017976_/_4017973'	3.33		3.33	3.33	2.232	1.3	3.33	0.37 No	0.37 Unintentional Islanding
SCL313	221	'4029858_/_4029856'		10	10	10	6.688	10	10	1.1 No	1.1 Unintentional Islanding
SCL313	222	'4002471_/_4002469'		10	10	10	6.688	10	10	1.1 No	1.1 Unintentional Islanding
SCL313	223	'43426828_/_43426830'		10	10	10	6.688	6.6	10	1.1 No	1.1 Unintentional Islanding
SCL313	224	'495322896_/_4002537_1'	3.33		3.33	3.33	2.232	1.3	3.33	0.37 No	0.37 Unintentional Islanding
SCL313	225	'526549693_/_495324357_1'		10	10	10	6.688	2.4	10	1.1 No	1.1 Unintentional Islanding
SCL313	226	'4011948_/_43429343_2'	3.33		3.33	3.33	2.232	1.2	3.33	0.37 No	0.37 Unintentional Islanding
SCL313	227	'4002505_/_4002503'		10	10	10	6.688	10	10	1.1 No	1.1 Unintentional Islanding
SCL313	228	'43430030_/_4036396'		10	10	10	6.688	10	10	1.1 No	1.1 Unintentional Islanding
SCL313	229	'4002540_/_4002537_2'	3.33		3.33	3.33	2.232	1.3	3.33	0.37 No	0.37 Unintentional Islanding
SCL313	230	'403330624_/_403330643_2'		10	10	10	6.688	2.4	10	1.1 No	1.1 Unintentional Islanding
SCL313	231	'526549635_/_495324357_2'		10	10	10	6.688	2.4	10	1.1 No	1.1 Unintentional Islanding
SCL313	232	'3980163_/_4004952'		10	10	10	6.688	6.6	10	1.1 No	1.1 Unintentional Islanding
SCL313	233	'4011822_/_4011836'		10	10	10	6.688	10	10	1.1 No	1.1 Unintentional Islanding
SCL313	234	'43429803_/_4029802'		10	10	10	6.688	10	10	1.1 No	1.1 Unintentional Islanding
SCL313	235	'4003926_/_4003923'	3.33		3.33	3.33	2.232	1.3	3.33	0.37 No	0.37 Unintentional Islanding
SCL313	236	'4002590_/_4002587'	3.33		3.33	3.33	2.232	1.3	3.33	0.37 No	0.37 Unintentional Islanding
SCL313	237	'212074540_/_4036339'		10	10	10	6.688	10	10	1.1 No	1.1 Unintentional Islanding
SCL313	238	'4003779_/_4003777'	3.33		3.33	3.33	2.232	1.3	3.33	0.37 No	0.37 Unintentional Islanding
SCL313	239	'4003805_/_4003803'	3.33		3.33	3.33	2.232	1.3	3.33	0.37 No	0.37 Unintentional Islanding
SCL313	240	'118425130_/_4036379'		10	10	10	6.688	10	10	1.1 No	1.1 Unintentional Islanding
SCL313	241	'4011547_/_4011688'		10	10	10	6.688	10	10	1.1 No	1.1 Unintentional Islanding
SCL313	242	'4002573_/_4011819'		10	10	10	6.688	10	10	1.1 No	1.1 Unintentional Islanding
SCL313	243	'43429538_/_4003829'	3.33		3.33	3.33	2.232	2.2	3.33	0.37 No	0.37 Unintentional Islanding
SCL313	244	'3980090_/_3980161'		10	10	10	6.688	6.6	10	1.1 No	1.1 Unintentional Islanding
SCL313	245	'4004772_/_4004769_2'		10	10	10	6.688	3.9	10	1.1 No	1.1 Unintentional Islanding
SCL313	246	'4002452_/_4002553'		10	10	10	6.688	10	10	1.1 No	1.1 Unintentional Islanding
SCL313	247	'495323958_/_4002411_2'	6.67		6.67	6.67	4.456	2.5	6.67	0.73 No	0.73 Unintentional Islanding
SCL313	248	'4005076_/_4011544'		10	10	10	6.688	10	10	1.1 No	1.1 Unintentional Islanding
SCL313	249	'495322991_/_495323495_1'	3.33		3.33	3.33	2.232	1.2	3.33	0.37 No	0.37 Unintentional Islanding
SCL313	250	'385604923_/_43429792_2'		10	10	10	6.688	10	10	1.1 No	1.1 Unintentional Islanding
SCL313	251	'3980146_/_3980181'		10	10	10	6.688	6.6	10	1.1 No	1.1 Unintentional Islanding
SCL313	252	'3980089_/_3980087'		10	10	10	6.688	6.6	10	1.1 No	1.1 Unintentional Islanding
SCL313	253	'4036342_/_212074542'		10	10	10	6.688	10	10	1.1 No	1.1 Unintentional Islanding
SCL313	254	'4002435_/_4002449'		10	10	10	6.688	10	10	1.1 No	1.1 Unintentional Islanding

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SCL313	255	'4029630_/_4029836'		10	10	10	6.688	10	10	1.1 No	1.1 Unintentional Islanding
SCL313	256	'4005025_/_4005073'		10	10	10	6.688	10	10	1.1 No	1.1 Unintentional Islanding
SCL313	257	'401491224_/_157475788_1'		10	10	10	6.688	3.9	10	1.1 No	1.1 Unintentional Islanding
SCL313	258	'43429790_/_43429792_1'		10	10	10	6.688	5	10	1.1 No	1.1 Unintentional Islanding
SCL313	259	'385604260_/_4005023_1'		3.33	3.33	3.33	2.232	1.2	3.33	0.37 No	0.37 Unintentional Islanding
SCL313	260	'4009833_/_495324250'		3.33	3.33	3.33	2.232	1.2	3.33	0.37 No	0.37 Unintentional Islanding
SCL313	261	'346500929_/_4018076'		3.33	3.33	3.33	2.232	1.3	3.33	0.37 No	0.37 Unintentional Islanding
SCL313	262	'3980147_/_3980144'		10	10	10	6.688	6.6	10	1.1 No	1.1 Unintentional Islanding
SCL313	263	'4002396_/_4002432'		10	10	10	6.688	10	10	1.1 No	1.1 Unintentional Islanding
SCL313	264	'4017842_/_4017840'		10	10	10	6.688	3.9	10	1.1 No	1.1 Unintentional Islanding
SCL313	265	'4005042_/_4005056'		10	10	10	6.688	10	10	1.1 No	1.1 Unintentional Islanding
SCL313	266	'50177100_/_50177104'		10	10	10	6.688	6.6	10	1.1 No	1.1 Unintentional Islanding
SCL313	267	'4002397_/_4002394'		10	10	10	6.688	10	10	1.1 No	1.1 Unintentional Islanding
SCL313	268	'4018050_/_4018060'		3.33	3.33	3.33	2.232	1.3	3.33	0.37 No	0.37 Unintentional Islanding
SCL313	269	'4004658_/_4004655'		10	10	10	6.688	3.9	10	1.1 No	1.1 Unintentional Islanding
SCL313	270	'4041697_/_4041694'		10	10	10	6.688	6.6	10	1.1 No	1.1 Unintentional Islanding
SCL313	271	'43429363_/_4002613'		10	10	10	6.688	10	10	1.1 No	1.1 Unintentional Islanding
SCL313	272	'4003899_/_4003897'		3.33	3.33	3.33	2.232	1.3	3.33	0.37 No	0.37 Unintentional Islanding
SCL313	273	'449749057_/_4005090_1'		10	10	10	6.688	3.8	10	1.1 No	1.1 Unintentional Islanding
SCL313	274	'43426815_/_3980047'		10	10	10	6.688	6.6	10	1.1 No	1.1 Unintentional Islanding
SCL313	275	'4003818_/_4003816'		3.33	3.33	3.33	2.232	1.3	3.33	0.37 No	0.37 Unintentional Islanding
SCL313	276	'3980050_/_43426817'		10	10	10	6.688	4	10	1.1 No	1.1 Unintentional Islanding
SCL313	277	'4009623_/_4011799'		10	10	10	6.688	10	10	1.1 No	1.1 Unintentional Islanding
SCL313	278	'495323156_/_4011866_1'		10	10	10	6.688	2.4	10	1.1 No	1.1 Unintentional Islanding
SCL313	279	'4005126_/_4011527'		10	10	10	6.688	5	10	1.1 No	1.1 Unintentional Islanding
SCL313	280	'43429777_/_43429779'		10	10	10	6.688	10	10	1.1 No	1.1 Unintentional Islanding
SCL313	281	'4003751_/_4036639'		3.33	3.33	3.33	2.232	1.3	3.33	0.37 No	0.37 Unintentional Islanding
SCL313	282	'579378994_/_4011866_2'		10	10	10	6.688	2.4	10	1.1 No	1.1 Unintentional Islanding
SCL313	283	'8245058_/_8245056_1'		10	10	10	6.688	3.9	10	1.1 No	1.1 Unintentional Islanding
SCL313	284	'49932908_/_7930688_1'		10	10	10	6.688	3.8	10	1.1 No	1.1 Unintentional Islanding
SCL313	285	'121448665_/_4041711'		10	10	10	6.688	6.6	10	1.1 No	1.1 Unintentional Islanding
SCL313	286	'157475779_/_157475788_2'		10	10	10	6.688	3.9	10	1.1 No	1.1 Unintentional Islanding
SCL313	287	'3980024_/_3980034'		3.33	3.33	3.33	2.232	1.3	3.33	0.37 No	0.37 Unintentional Islanding
SCL313	288	'43429764_/_43429766'		10	10	10	6.688	10	10	1.1 No	1.1 Unintentional Islanding
SCL313	289	'43423922_/_4009621'		10	10	10	6.688	10	10	1.1 No	1.1 Unintentional Islanding
SCL313	290	'388547620_/_388547574_2'		10	10	10	6.688	5	10	1.1 No	1.1 Unintentional Islanding
SCL313	291	'388568119_/_4029628_1'		3.33	3.33	3.33	2.232	0.9	3.33	0.37 No	0.37 Unintentional Islanding
SCL313	292	'43429816_/_4005123'		10	10	10	6.688	5	10	1.1 No	1.1 Unintentional Islanding
SCL313	293	'43429527_/_4003936'		3.33	3.33	3.33	2.232	1.3	3.33	0.37 No	0.37 Unintentional Islanding
SCL313	294	'8556687_/_388547574_1'		10	10	10	6.688	2.4	10	1.1 No	1.1 Unintentional Islanding
SCL313	295	'4008365_/_4009295'		10	10	10	6.688	10	10	1.1 No	1.1 Unintentional Islanding
SCL313	296	'43429413_/_43423924'		10	10	10	6.688	10	10	1.1 No	1.1 Unintentional Islanding
SCL313	297	'4002603_/_495323955'		3.33	3.33	3.33	2.232	1.25	3.33	0.37 No	0.37 Unintentional Islanding
SCL313	298	'4009584_/_495323495_2'		3.33	3.33	3.33	2.232	1.2	3.33	0.37 No	0.37 Unintentional Islanding
SCL313	299	'4008366_/_4008363'		10	10	10	6.688	10	10	1.09 No	1.09 Unintentional Islanding
SCL313	300	'4008399_/_4008397'		10	10	10	6.688	10	10	1.09 No	1.09 Unintentional Islanding
SCL313	301	'617807323_/_43423503_1'		10	10	10	6.688	6.1	10	1.09 No	1.09 Unintentional Islanding
SCL313	302	'121449094_/_4017925'		6.67	6.67	6.67	4.456	2.6	6.67	0.74 No	0.74 Unintentional Islanding
SCL313	303	'4009654_/_4009651'		10	10	10	6.688	10	10	1.09 No	1.09 Unintentional Islanding
SCL313	304	'4005009_/_4005006'		10	10	10	6.688	3.9	10	1.1 No	1.1 Unintentional Islanding
SCL313	305	'4005026_/_4005023_2'		3.33	3.33	3.33	2.232	1.2	3.33	0.37 No	0.37 Unintentional Islanding
SCL313	306	'4029754_/_4029751'		10	10	10	6.688	3.9	10	1.1 No	1.1 Unintentional Islanding
SCL313	307	'8245059_/_8245056_2'		10	10	10	6.688	3.9	10	1.1 No	1.1 Unintentional Islanding
SCL313	308	'43423407_/_4008380'		10	10	10	6.688	10	10	1.09 No	1.09 Unintentional Islanding
SCL313	309	'4009832_/_495324273'		3.33	3.33	3.33	2.232	1.2	3.33	0.37 No	0.37 Unintentional Islanding
SCL313	310	'43423501_/_43423503_2'		10	10	10	6.688	6.1	10	1.09 No	1.09 Unintentional Islanding
SCL313	311	'388568057_/_4029628_2'		3.33	3.33	3.33	2.232	0.9	3.33	0.37 No	0.37 Unintentional Islanding
SCL313	312	'4005108_/_4005106'		10	10	10	6.688	5	10	1.1 No	1.1 Unintentional Islanding
SCL313	313	'4009739_/_4009736'		10	10	10	6.688	10	10	1.09 No	1.09 Unintentional Islanding
SCL313	314	'4005093_/_4005090_2'		10	10	10	6.688	3.8	10	1.1 No	1.1 Unintentional Islanding
SCL313	315	'4008467_/_4008465'		10	10	10	6.688	6.1	10	1.09 No	1.09 Unintentional Islanding
SCL313	316	'4017988_/_4017986'		3.33	3.33	3.33	2.232	1.3	3.33	0.37 No	0.37 Unintentional Islanding
SCL313	317	'4036502_/_4036500'		3.33	3.33	3.33	2.232	1.3	3.33	0.37 No	0.37 Unintentional Islanding
SCL313	318	'3980023_/_3980021'		3.33	3.33	3.33	2.232	1.3	3.33	0.37 No	0.37 Unintentional Islanding
SCL313	319	'43429829_/_4029889'		10	10	10	6.688	10	10	1.1 No	1.1 Unintentional Islanding
SCL313	320	'4007742_/_4029785'		10	10	10	6.688	3.9	10	1.1 No	1.1 Unintentional Islanding
SCL313	321	'4009756_/_4009753'		10	10	10	6.688	10	10	1.09 No	1.09 Unintentional Islanding
SCL313	322	'4014214_/_4014212'		10	10	10	6.688	6.1	10	1.09 No	1.09 Unintentional Islanding
SCL313	323	'4008278_/_4008275'		10	10	10	6.688	10	10	1.09 No	1.09 Unintentional Islanding
SCL313	324	'4018005_/_4018002'		10	10	10	6.688	3.9	10	1.1 No	1.1 Unintentional Islanding
SCL313	325	'514817806_/_4014415_1'		10	10	10	6.688	3.9	10	1.09 No	1.09 Unintentional Islanding
SCL313	326	'43433767_/_4036571'		3.33	3.33	3.33	2.232	1.3	3.33	0.37 No	0.37 Unintentional Islanding
SCL313	327	'4014418_/_4014415_2'		10	10	10	6.688	3.9	10	1.09 No	1.09 Unintentional Islanding
SCL313	328	'147280061_/_147280067'		10	10	10	6.688	4	10	1.1 No	1.1 Unintentional Islanding
SCL313	329	'4018049_/_4018047'		3.33	3.33	3.33	2.232	1.3	3.33	0.37 No	0.37 Unintentional Islanding
SCL313	330	'4029676_/_4029731'		10	10	10	6.688	3.9	10	1.1 No	1.1 Unintentional Islanding
SCL313	331	'473907319_/_91262662_1'		10	10	10	6.688	3.9	10	1.1 No	1.1 Unintentional Islanding
SCL313	332	'43429605_/_4009770'		10	10	10	6.688	10	10	1.09 No	1.09 Unintentional Islanding
SCL313	333	'43429679_/_4041918'		10	10	10	6.688	5	10	1.1 No	1.1 Unintentional Islanding
SCL313	334	'4008315_/_4014229'		10	10	10	6.688	6.1	10	1.09 No	1.09 Unintentional Islanding
SCL313	335	'514817787_/_514818180_1'		3.33	3.33	3.33	2.232	1.3	3.33	0.36 No	0.36 Unintentional Islanding
SCL313	336	'4007672_/_4008295'		10	10	10	6.688	10	10	1.09 No	1.09 Unintentional Islanding
SCL313	337	'4028120_/_4028481'		10	10	10	6.688	3.9	10	1.09 No	1.09 Unintentional Islanding
SCL313	338	'4017910_/_121449098_1'		6.67	6.67	6.67	4.456	2.6	6.67	0.74 No	0.74 Unintentional Islanding
SCL313	339	'91262665_/_91262662_2'		10	10	10	6.688	3.9	10	1.1 No	1.1 Unintentional Islanding
SCL313	340	'4009611_/_495324065'		3.33	3.33	3.33	2.232	1.25	3.33	0.37 No	0.37 Unintentional Islanding
SCL313	341	'526549577_/_495323983'		3.33	3.33	3.33	2.232	1.25	3.33	0.37 No	0.37 Unintentional Islanding
SCL313	342	'449749113_/_449749110'		10	10	10	6.688	3.8	10	1.1 No	1.1 Unintentional Islanding
SCL313	343	'4008314_/_4008312'		10	10	10	6.688	6.1	10	1.09 No	1.09 Unintentional Islanding
SCL313	344	'43423394_/_4007670'		10	10	10	6.688	10	10	1.09 No	1.09 Unintentional Islanding
SCL313	345	'43429610_/_43429607'		10	10	10	6.688	10	10	1.09 No	1.09 Unintentional Islanding
SCL313	346	'514817620_/_514817637_1'		3.33	3.33	3.33	2.232	1.2	3.33	0.36 No	0.36 Unintentional Islanding
SCL313	347	'526548357_/_4007653_1'		10	10	10	6.688	10	10	1.09 No	1.09 Unintentional Islanding
SCL313	348	'4004678_/_4004675'		3.33	3.33	3.33	2.232	1.3	3.33	0.37 No	0.37 Unintentional Islanding

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SCL313	349	'4011392_/_4041935'		10	10	10	6.688	5	10	1.09 No	1.09 Unintentional Islanding
SCL313	350	'43423420_/_43423422'		10	10	10	6.688	6.1	10	1.09 No	1.09 Unintentional Islanding
SCL313	351	'4003939_/_43429529'	3.33	3.33	3.33	2.232	1.3	3.33	0.37 No	0.37 Unintentional Islanding	0.37 Unintentional Islanding
SCL313	352	'4017895_/_121449098_2'	6.67	6.67	6.67	4.456	2.6	6.67	0.74 No	0.74 No	0.74 Unintentional Islanding
SCL313	353	'43423935_/_495323524'	3.33	3.33	3.33	2.232	1.2	3.33	0.37 No	0.37 No	0.37 Unintentional Islanding
SCL313	354	'495323441_/_495323428_1'		10	10	10	6.688	4.4	10	1.09 No	1.09 Unintentional Islanding
SCL313	355	'4011598_/_4011595'		10	10	10	6.688	3.9	10	1.1 No	1.1 Unintentional Islanding
SCL313	356	'514817880_/_514817998_1'	3.33	3.33	3.33	2.232	1.2	3.33	0.36 No	0.36 No	0.36 Unintentional Islanding
SCL313	357	'3982377_/_4007653_2'		10	10	10	6.688	10	10	1.09 No	1.09 Unintentional Islanding
SCL313	358	'8554053_/_8554050'		10	10	10	6.688	3.9	10	1.1 No	1.1 Unintentional Islanding
SCL313	359	'4003750_/_4003748'	3.33	3.33	3.33	2.232	1.3	3.33	0.37 No	0.37 No	0.37 Unintentional Islanding
SCL313	360	'4008331_/_476668937'		10	10	10	6.688	6.1	10	1.09 No	1.09 Unintentional Islanding
SCL313	361	'119077822_/_3982375'		10	10	10	6.688	10	10	1.09 No	1.09 Unintentional Islanding
SCL313	362	'7609901_/_7930688_2'		10	10	10	6.688	3.8	10	1.09 No	1.09 Unintentional Islanding
SCL313	363	'4029875_/_4029873'	3.33	3.33	3.33	2.232	3.33	3.33	0.37 No	0.37 No	0.37 Unintentional Islanding
SCL313	364	'4029697_/_4029694'		10	10	10	6.688	3.9	10	1.1 No	1.1 Unintentional Islanding
SCL313	365	'4008416_/_4008414'		10	10	10	6.688	6.1	10	1.09 No	1.09 Unintentional Islanding
SCL313	366	'43429290_/_4011389'		10	10	10	6.688	5	10	1.09 No	1.09 Unintentional Islanding
SCL313	367	'43423370_/_119077819'		10	10	10	6.688	10	10	1.09 No	1.09 Unintentional Islanding
SCL313	368	'4014147_/_4014266'		10	10	10	6.688	6.1	10	1.09 No	1.09 Unintentional Islanding
SCL313	369	'4008675_/_514818180_2'	3.33	3.33	3.33	2.232	1.3	3.33	0.36 No	0.36 No	0.36 Unintentional Islanding
SCL313	370	'4007642_/_514817637_2'	3.33	3.33	3.33	2.232	1.2	3.33	0.36 No	0.36 No	0.36 Unintentional Islanding
SCL313	371	'4026743_/_4046027'		10	10	10	6.688	10	10	1.09 No	1.09 Unintentional Islanding
SCL313	372	'495378010_/_4014145_1'		10	10	10	6.688	2.4	10	1.09 No	1.09 Unintentional Islanding
SCL313	373	'4008434_/_4014249'		10	10	10	6.688	6.1	10	1.09 No	1.09 Unintentional Islanding
SCL313	374	'4021621_/_43430478'	3.33	3.33	3.33	2.232	1.3	3.33	0.37 No	0.37 No	0.37 Unintentional Islanding
SCL313	375	'4009598_/_495323535'	3.33	3.33	3.33	2.232	1.2	3.33	0.36 No	0.36 No	0.36 Unintentional Islanding
SCL313	376	'514818001_/_514817998_2'	3.33	3.33	3.33	2.232	1.2	3.33	0.36 No	0.36 No	0.36 Unintentional Islanding
SCL313	377	'4028103_/_4028117'		10	10	10	6.688	3.9	10	1.09 No	1.09 Unintentional Islanding
SCL313	378	'147280099_/_147280117'		10	10	10	6.688	4	10	1.1 No	1.1 Unintentional Islanding
SCL313	379	'4026512_/_4026763'		10	10	10	6.688	10	10	1.09 No	1.09 Unintentional Islanding
SCL313	380	'4011358_/_4011372_1'		10	10	10	6.688	5	10	1.09 No	1.09 Unintentional Islanding
SCL313	381	'55448597_/_4011372_2'		10	10	10	6.688	5	10	1.09 No	1.09 Unintentional Islanding
SCL313	382	'4008433_/_4008431'		10	10	10	6.688	6.1	10	1.09 No	1.09 Unintentional Islanding
SCL313	383	'43429594_/_43429540'	3.33	3.33	3.33	2.232	2.2	3.33	0.37 No	0.37 No	0.37 Unintentional Islanding
SCL313	384	'43433744_/_43433746'	3.33	3.33	3.33	2.232	1.3	3.33	0.37 No	0.37 No	0.37 Unintentional Islanding
SCL313	385	'4008808_/_4008822'		10	10	10	6.688	6.1	10	1.09 No	1.09 Unintentional Islanding
SCL313	386	'4026496_/_4026510'		10	10	10	6.688	10	10	1.09 No	1.09 Unintentional Islanding
SCL313	387	'7609902_/_7609899'		10	10	10	6.688	3.8	10	1.09 No	1.09 Unintentional Islanding
SCL313	388	'7609921_/_8554090'	6.67	6.67	6.67	4.456	2.53	6.67	0.73 No	0.73 No	0.73 Unintentional Islanding
SCL313	389	'495377999_/_495378446_1'	3.33	3.33	3.33	2.232	0.8	3.33	0.36 No	0.36 No	0.36 Unintentional Islanding
SCL313	390	'4002324_/_4011355'		10	10	10	6.688	5	10	1.09 No	1.09 Unintentional Islanding
SCL313	391	'4009143_/_4009141'		10	10	10	6.688	6.1	10	1.09 No	1.09 Unintentional Islanding
SCL313	392	'4009374_/_495324023'	3.33	3.33	3.33	2.232	1.25	3.33	0.36 No	0.36 No	0.36 Unintentional Islanding
SCL313	393	'43420446_/_4026493'		10	10	10	6.688	10	10	1.09 No	1.09 Unintentional Islanding
SCL313	394	'43423433_/_4014145_2'		10	10	10	6.688	2.4	10	1.09 No	1.09 Unintentional Islanding
SCL313	395	'4009160_/_4009158'		10	10	10	6.688	6.1	10	1.09 No	1.09 Unintentional Islanding
SCL313	396	'4003952_/_4003949'	3.33	3.33	3.33	2.232	1.3	3.33	0.37 No	0.37 No	0.37 Unintentional Islanding
SCL313	397	'517450395_/_517450373'	6.67	6.67	6.67	4.456	4.07	6.67	0.73 No	0.73 No	0.73 Unintentional Islanding
SCL313	398	'4028102_/_4028100'		10	10	10	6.688	3.9	10	1.09 No	1.09 Unintentional Islanding
SCL313	399	'559382748_/_4012686'		10	10	10	6.688	6.1	10	1.09 No	1.09 Unintentional Islanding
SCL313	400	'91262684_/_91262681'		10	10	10	6.688	3.9	10	1.09 No	1.09 Unintentional Islanding
SCL313	401	'43420433_/_4026260'		10	10	10	6.688	10	10	1.09 No	1.09 Unintentional Islanding
SCL313	402	'4029677_/_4029674'		10	10	10	6.688	3.9	10	1.1 No	1.1 Unintentional Islanding
SCL313	403	'4026928_/_397553885'		10	10	10	6.688	10	10	1.09 No	1.09 Unintentional Islanding
SCL313	404	'4036685_/_43433769'	3.33	3.33	3.33	2.232	1.3	3.33	0.37 No	0.37 No	0.37 Unintentional Islanding
SCL313	405	'397553769_/_4026926_1'		10	10	10	6.688	3.9	10	1.09 No	1.09 Unintentional Islanding
SCL313	406	'4004509_/_4045154'	3.33	3.33	3.33	2.232	1.3	3.33	0.37 No	0.37 No	0.37 Unintentional Islanding
SCL313	407	'4007643_/_514817658'	3.33	3.33	3.33	2.232	1.2	3.33	0.36 No	0.36 No	0.36 Unintentional Islanding
SCL313	408	'3982289_/_4013013'		10	10	10	6.688	6.1	10	1.09 No	1.09 Unintentional Islanding
SCL313	409	'397555037_/_397554962_2'		10	10	10	6.688	10	10	1.09 No	1.09 Unintentional Islanding
SCL313	410	'4002323_/_4002321'		10	10	10	6.688	5	10	1.09 No	1.09 Unintentional Islanding
SCL313	411	'397553557_/_397553613'		10	10	10	6.688	10	10	1.09 No	1.09 Unintentional Islanding
SCL313	412	'514818018_/_514818015'	3.33	3.33	3.33	2.232	1.2	3.33	0.36 No	0.36 No	0.36 Unintentional Islanding
SCL313	413	'7609922_/_7609919'		10	10	10	6.688	3.8	10	1.09 No	1.09 Unintentional Islanding
SCL313	414	'4012085_/_495323710'	3.33	3.33	3.33	2.232	1.2	3.33	0.36 No	0.36 No	0.36 Unintentional Islanding
SCL313	415	'43429618_/_43429620'	3.33	3.33	3.33	2.232	1.3	3.33	0.37 No	0.37 No	0.37 Unintentional Islanding
SCL313	416	'55448598_/_55448577'	3.33	3.33	3.33	2.232	1.67	3.33	0.36 No	0.36 No	0.36 Unintentional Islanding
SCL313	417	'495377954_/_4009335_2'		10	10	10	6.688	6.1	10	1.09 No	1.09 Unintentional Islanding
SCL313	418	'4007705_/_4011615'		10	10	10	6.688	3.9	10	1.09 No	1.09 Unintentional Islanding
SCL313	419	'476668848_/_476668852'		10	10	10	6.688	5	10	1.09 No	1.09 Unintentional Islanding
SCL313	420	'43427720_/_3986584'	3.33	3.33	3.33	2.232	1.3	3.33	0.37 No	0.37 No	0.37 Unintentional Islanding
SCL313	421	'417098674_/_149977895_2'		10	10	10	6.688	10	10	1.09 No	1.09 Unintentional Islanding
SCL313	422	'397553459_/_397553554'		10	10	10	6.688	10	10	1.09 No	1.09 Unintentional Islanding
SCL313	423	'495378463_/_495378446_2'	3.33	3.33	3.33	2.232	0.8	3.33	0.36 No	0.36 No	0.36 Unintentional Islanding
SCL313	424	'514817253_/_514817220_1'		10	10	10	6.688	3.8	10	1.09 No	1.09 Unintentional Islanding
SCL313	425	'4008032_/_514818191'	3.33	3.33	3.33	2.232	1.3	3.33	0.36 No	0.36 No	0.36 Unintentional Islanding
SCL313	426	'4008045_/_4008043'		10	10	10	6.688	2.4	10	1.09 No	1.09 Unintentional Islanding
SCL313	427	'4029643_/_4029711'		10	10	10	6.688	3.9	10	1.1 No	1.1 Unintentional Islanding
SCL313	428	'149977886_/_149977895_1'		10	10	10	6.688	10	10	1.09 No	1.09 Unintentional Islanding
SCL313	429	'4026929_/_4026926_2'		10	10	10	6.688	3.9	10	1.09 No	1.09 Unintentional Islanding
SCL313	430	'4026584_/_397553456'		10	10	10	6.688	10	10	1.09 No	1.09 Unintentional Islanding
SCL313	431	'4013049_/_4013030'		10	10	10	6.688	6.1	10	1.09 No	1.09 Unintentional Islanding
SCL313	432	'4002344_/_4013520'		10	10	10	6.688	5	10	1.09 No	1.09 Unintentional Islanding
SCL313	433	'8870944_/_514817220_2'		10	10	10	6.688	3.8	10	1.09 No	1.09 Unintentional Islanding
SCL313	434	'4009375_/_495324052'	3.33	3.33	3.33	2.232	1.25	3.33	0.36 No	0.36 No	0.36 Unintentional Islanding
SCL313	435	'483073947_/_5088000820_2'	3.33	3.33	3.33	2.232	1.6	3.33	0.36 No	0.36 No	0.36 Unintentional Islanding
SCL313	436	'483074029_/_5088000820_1'	3.33	3.33	3.33	2.232	1.6	3.33	0.36 No	0.36 No	0.36 Unintentional Islanding
SCL313	437	'483073909_/_5088000774_2'	3.33	3.33	3.33	2.232	2.2	3.33	0.36 No	0.36 No	0.36 Unintentional Islanding
SCL313	438	'4041731_/_5088000774_1'	3.33	3.33	3.33	2.232	1.6	3.33	0.36 No	0.36 No	0.36 Unintentional Islanding
SCL313	439	'4026600_/_4026598'		10	10	10	6.688	10	10	1.09 No	1.09 Unintentional Islanding
SCL313	440	'4008196_/_517450008'	3.33	3.33	3.33	2.232	2.03	3.33	0.36 No	0.36 No	0.36 Unintentional Islanding
SCL313	441	'3977953_/_4026581'		10	10	10	6.688	10	10	1.09 No	1.09 Unintentional Islanding
SCL313	442	'91262753_/_91262750'		10	10	10	6.688	3.9	10	1.09 No	1.09 Unintentional Islanding

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SCL313	443	'4027931_/4028134'	10	10	10	6.688	3.9	10	1.09 No	1.09	Unintentional Islanding
SCL313	444	'4026617_/4026615'	10	10	10	6.688	10	10	1.09 No	1.09	Unintentional Islanding
SCL313	445	'514818053_/514818042'	3.33	3.33	3.33	2.232	1.2	3.33	0.36 No	0.36	Unintentional Islanding
SCL313	446	'517450347_/4013047_1'	0.4	0.9	10	6.688	0.8	10	1.09 No	0.4	Primary Over-Voltage
SCL313	447	'3977952_/3977950'	10	10	10	6.688	10	10	1.09 No	1.09	Unintentional Islanding
SCL313	448	'4007706_/4007703'	3.33	3.33	3.33	2.232	1.3	3.33	0.36 No	0.36	Unintentional Islanding
SCL313	449	'4008881_/4026854'	10	10	10	6.688	10	10	1.09 No	1.09	Unintentional Islanding
SCL313	450	'4026461_/4026720'	10	10	10	6.688	10	10	1.09 No	1.09	Unintentional Islanding
SCL313	451	'495378464_/495378461'	3.33	3.33	3.33	2.232	0.8	3.33	0.36 No	0.36	Unintentional Islanding
SCL313	452	'3978000_/3977998'	10	10	10	6.688	10	10	1.09 No	1.09	Unintentional Islanding
SCL313	453	'396454834_/397554013_1'	10	10	10	6.688	3.9	10	1.09 No	1.09	Unintentional Islanding
SCL313	454	'4009337_/4009335_1'	10	10	10	6.688	2.3	10	1.09 No	1.09	Unintentional Islanding
SCL313	455	'381444232_/514818214'	3.33	3.33	3.33	2.232	1.3	3.33	0.36 No	0.36	Unintentional Islanding
SCL313	456	'43429560_/495323548'	3.33	3.33	3.33	2.232	1.2	3.33	0.36 No	0.36	Unintentional Islanding
SCL313	457	'7293470_/397554962_1'	10	10	10	6.688	4.5	10	1.09 No	1.09	Unintentional Islanding
SCL313	458	'3986573_/3986571'	3.33	3.33	3.33	2.232	1.3	3.33	0.37 No	0.37	Unintentional Islanding
SCL313	459	'4003991_/4036513'	3.33	3.33	3.33	2.232	1.3	3.33	0.37 No	0.37	Unintentional Islanding
SCL313	460	'4028153_/43423459'	3.33	3.33	3.33	2.232	1.3	3.33	0.36 No	0.36	Unintentional Islanding
SCL313	461	'4012642_/4012640'	10	10	10	6.688	2.4	10	1.09 No	1.09	Unintentional Islanding
SCL313	462	'4027851_/3978955'	10	10	10	6.688	10	10	1.09 No	1.09	Unintentional Islanding
SCL313	463	'4014463_/4008878'	10	10	10	6.688	10	10	1.09 No	1.09	Unintentional Islanding
SCL313	464	'414606421_/91699271_1'	10	10	10	6.688	7.2	10	1.09 No	1.09	Unintentional Islanding
SCL313	465	'43429216_/43429218'	10	10	10	6.688	5	10	1.09 No	1.09	Unintentional Islanding
SCL313	466	'4009641_/495324086'	3.33	3.33	3.33	2.232	1.25	3.33	0.36 No	0.36	Unintentional Islanding
SCL313	467	'517449961_/517449979'	3.33	3.33	3.33	2.232	2.03	3.33	0.36 No	0.36	Unintentional Islanding
SCL313	468	'588788068_/588788018_1'	10	10	10	6.688	3.8	10	1.09 No	1.09	Unintentional Islanding
SCL313	469	'43430056_/91262775'	10	10	10	6.688	3.9	10	1.09 No	1.09	Unintentional Islanding
SCL313	470	'3978941_/4027865'	10	10	10	6.688	10	10	1.09 No	1.09	Unintentional Islanding
SCL313	471	'385604404_/385604358_1'	10	10	10	6.688	2.4	10	1.09 No	1.09	Unintentional Islanding
SCL313	472	'4028420_/4028592'	10	10	10	6.688	10	10	1.09 No	1.09	Unintentional Islanding
SCL313	473	'4029644_/342434320'	10	10	10	6.688	3.9	10	1.1 No	1.1	Unintentional Islanding
SCL313	474	'4007987_/91699271_2'	10	10	10	6.688	7.2	10	1.09 No	1.09	Unintentional Islanding
SCL313	475	'8556979_/397554013_2'	10	10	10	6.688	3.9	10	1.09 No	1.09	Unintentional Islanding
SCL313	476	'4003766_/4003764'	3.33	3.33	3.33	2.232	1.3	3.33	0.37 No	0.37	Unintentional Islanding
SCL313	477	'43423536_/4027929'	10	10	10	6.688	3.9	10	1.09 No	1.09	Unintentional Islanding
SCL313	478	'43426791_/4004507'	3.33	3.33	3.33	2.232	1.3	3.33	0.37 No	0.37	Unintentional Islanding
SCL313	479	'4028024_/4028038'	10	10	10	6.688	2.4	10	1.09 No	1.09	Unintentional Islanding
SCL313	480	'91699308_/91699305'	10	10	10	6.688	7.2	10	1.09 No	1.09	Unintentional Islanding
SCL313	481	'4028403_/4028417'	10	10	10	6.688	10	10	1.09 No	1.09	Unintentional Islanding
SCL313	482	'514818054_/514818051'	3.33	3.33	3.33	2.232	1.2	3.33	0.36 No	0.36	Unintentional Islanding
SCL313	483	'9082026_/588788018_2'	10	10	10	6.688	3.8	10	1.09 No	1.09	Unintentional Islanding
SCL313	484	'495378516_/495378513'	3.33	3.33	3.33	2.232	0.8	3.33	0.36 No	0.36	Unintentional Islanding
SCL313	485	'4011270_/4013540'	10	10	10	6.688	5	10	1.09 No	1.09	Unintentional Islanding
SCL313	486	'391089611_/391089585'	3.33	3.33	3.33	2.232	0.8	3.33	0.36 No	0.36	Unintentional Islanding
SCL313	487	'368337733_/91699326'	10	10	10	6.688	7.2	10	1.09 No	1.09	Unintentional Islanding
SCL313	488	'4026462_/4026459'	10	10	10	6.688	10	10	1.09 No	1.09	Unintentional Islanding
SCL313	489	'4028386_/4028400'	10	10	10	6.688	10	10	1.09 No	1.09	Unintentional Islanding
SCL313	490	'91699350_/91699347'	10	10	10	6.688	7.2	10	1.09 No	1.09	Unintentional Islanding
SCL313	491	'4012705_/4012703'	10	10	10	6.688	2.3	10	1.09 No	1.09	Unintentional Islanding
SCL313	492	'4008660_/514818239'	3.33	3.33	3.33	2.232	1.3	3.33	0.36 No	0.36	Unintentional Islanding
SCL313	493	'3986616_/3986613'	3.33	3.33	3.33	2.232	1.3	3.33	0.37 No	0.37	Unintentional Islanding
SCL313	494	'3978910_/3978938'	10	10	10	6.688	10	10	1.09 No	1.09	Unintentional Islanding
SCL313	495	'43423383_/91699399'	10	10	10	6.688	7.2	10	1.09 No	1.09	Unintentional Islanding
SCL313	496	'91262816_/43430058'	10	10	10	6.688	3.9	10	1.09 No	1.09	Unintentional Islanding
SCL313	497	'4012144_/495323567'	3.33	3.33	3.33	2.232	1.2	3.33	0.36 No	0.36	Unintentional Islanding
SCL313	498	'4028369_/4028383'	10	10	10	6.688	10	10	1.09 No	1.09	Unintentional Islanding
SCL313	499	'8871237_/385604358_2'	10	10	10	6.688	2.4	10	1.09 No	1.09	Unintentional Islanding
SCL313	500	'43433756_/43429596'	3.33	3.33	3.33	2.232	2.2	3.33	0.36 No	0.36	Unintentional Islanding
SCL313	501	'43429229_/4011267'	10	10	10	6.688	5	10	1.09 No	1.09	Unintentional Islanding
SCL313	502	'91699417_/91699414'	10	10	10	6.688	7.2	10	1.09 No	1.09	Unintentional Islanding
SCL313	503	'517449932_/517449958'	3.33	3.33	3.33	2.232	2.03	3.33	0.36 No	0.36	Unintentional Islanding
SCL313	504	'4028352_/4028366'	10	10	10	6.688	10	10	1.09 No	1.09	Unintentional Islanding
SCL313	505	'91699467_/91699464'	10	10	10	6.688	7.2	10	1.09 No	1.09	Unintentional Islanding
SCL313	506	'4029662_/342434333'	10	10	10	6.688	3.9	10	1.1 No	1.1	Unintentional Islanding
SCL313	507	'121151496_/121151493'	3.33	3.33	3.33	2.232	1.3	3.33	0.36 No	0.36	Unintentional Islanding
SCL313	508	'4003990_/4003988'	3.33	3.33	3.33	2.232	1.3	3.33	0.37 No	0.37	Unintentional Islanding
SCL313	509	'109928508_/91699514'	10	10	10	6.688	7.2	10	1.09 No	1.09	Unintentional Islanding
SCL313	510	'4008020_/4008017'	3.33	3.33	3.33	2.232	1.3	3.33	0.36 No	0.36	Unintentional Islanding
SCL313	511	'252094347_/155405743_1'	10	10	10	6.688	4.3	10	1.09 No	1.09	Unintentional Islanding
SCL313	512	'4008753_/517450285'	3.33	3.33	3.33	2.232	0.8	3.33	0.36 No	0.36	Unintentional Islanding
SCL313	513	'4028007_/4028021'	10	10	10	6.688	2.4	10	1.09 No	1.09	Unintentional Islanding
SCL313	514	'4028315_/43423538'	10	10	10	6.688	3.9	10	1.09 No	1.09	Unintentional Islanding
SCL313	515	'8871601_/397554891'	10	10	10	6.688	4.5	10	1.09 No	1.09	Unintentional Islanding
SCL313	516	'43433778_/4036626'	3.33	3.33	3.33	2.232	1.3	3.33	0.37 No	0.37	Unintentional Islanding
SCL313	517	'4011287_/4011301'	10	10	10	6.688	5	10	1.09 No	1.09	Unintentional Islanding
SCL313	518	'3978891_/3978908'	10	10	10	6.688	10	10	1.09 No	1.09	Unintentional Islanding
SCL313	519	'353394292_/121151527_1'	3.33	3.33	3.33	2.232	1.3	3.33	0.36 No	0.36	Unintentional Islanding
SCL313	520	'4028335_/4028349'	10	10	10	6.688	10	10	1.08 No	1.08	Unintentional Islanding
SCL313	521	'151592103_/155405743_2'	10	10	10	6.688	4.3	10	1.09 No	1.09	Unintentional Islanding
SCL313	522	'90920322_/495323428_2'	10	10	10	6.688	4.4	10	1.09 No	1.09	Unintentional Islanding
SCL313	523	'91700049_/91699598'	10	10	10	6.688	7.2	10	1.08 No	1.08	Unintentional Islanding
SCL313	524	'514817363_/4011318_1'	10	10	10	6.688	3.8	10	1.09 No	1.09	Unintentional Islanding
SCL313	525	'252094234_/151592115'	10	10	10	6.688	4.3	10	1.09 No	1.09	Unintentional Islanding
SCL313	526	'91699601_/91700051'	10	10	10	6.688	7.2	10	1.08 No	1.08	Unintentional Islanding
SCL313	527	'3978890_/3978888'	10	10	10	6.688	10	10	1.09 No	1.09	Unintentional Islanding
SCL313	528	'90920302_/90920349'	10	10	10	6.688	4.4	10	1.09 No	1.09	Unintentional Islanding
SCL313	529	'4028298_/4028332'	10	10	10	6.688	10	10	1.08 No	1.08	Unintentional Islanding
SCL313	530	'108394864_/152809889_1'	10	10	10	6.688	4.6	10	1.08 No	1.08	Unintentional Islanding
SCL313	531	'7293313_/9187295'	10	10	10	6.688	4.5	10	1.09 No	1.09	Unintentional Islanding
SCL313	532	'349028951_/349028935'	3.33	3.33	3.33	2.232	0.8	3.33	0.36 No	0.36	Unintentional Islanding
SCL313	533	'3986719_/3986716'	10	10	10	6.688	10	10	1.09 No	1.09	Unintentional Islanding
SCL313	534	'514818100_/514818097'	3.33	3.33	3.33	2.232	1.2	3.33	0.36 No	0.36	Unintentional Islanding
SCL313	535	'152809066_/152809889_2'	10	10	10	6.688	4.6	10	1.08 No	1.08	Unintentional Islanding
SCL313	536	'4028281_/4028295'	10	10	10	6.688	10	10	1.08 No	1.08	Unintentional Islanding

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SCL313	537	'3986736_/3986809'		10	10	10	6.688	10	10	1.09 No	1.09 Unintentional Islanding
SCL313	538	'4011250_/4011284'		10	10	10	6.688	5	10	1.09 No	1.09 Unintentional Islanding
SCL313	539	'3981373_/43426793'	3.33		3.33	3.33	2.232	1.3	3.33	0.37 No	0.37 Unintentional Islanding
SCL313	540	'4013273_/495323772'	3.33		3.33	3.33	2.232	1.2	3.33	0.36 No	0.36 Unintentional Islanding
SCL313	541	'514818084_/514818082'	3.33		3.33	3.33	2.232	1.2	3.33	0.36 No	0.36 Unintentional Islanding
SCL313	542	'4028264_/4028278'		10	10	10	6.688	10	10	1.08 No	1.08 Unintentional Islanding
SCL313	543	'3986665_/3986826'		10	10	10	6.688	10	10	1.09 No	1.09 Unintentional Islanding
SCL313	544	'495323607_/495323604'	3.33		3.33	3.33	2.232	1.2	3.33	0.36 No	0.36 Unintentional Islanding
SCL313	545	'3978435_/3986663'		10	10	10	6.688	10	10	1.09 No	1.09 Unintentional Islanding
SCL313	546	'349028938_/349028953'	3.33		3.33	3.33	2.232	0.8	3.33	0.36 No	0.36 Unintentional Islanding
SCL313	547	'4008076_/517449929'	3.33		3.33	3.33	2.232	2.03	3.33	0.36 No	0.36 Unintentional Islanding
SCL313	548	'104255373_/104255482'		10	10	10	6.688	4.4	10	1.09 No	1.09 Unintentional Islanding
SCL313	549	'4027885_/4028261'		10	10	10	6.688	10	10	1.08 No	1.08 Unintentional Islanding
SCL313	550	'3986752_/3986750_1'	3.33		3.33	3.33	2.232	1.3	3.33	0.36 No	0.36 Unintentional Islanding
SCL313	551	'152809079_/152809097'		10	10	10	6.688	4.6	10	1.08 No	1.08 Unintentional Islanding
SCL313	552	'4026334_/396454885'		10	10	10	6.688	10	10	1.09 No	1.09 Unintentional Islanding
SCL313	553	'43429582_/43429584'	3.33		3.33	3.33	2.232	2.2	3.33	0.36 No	0.36 Unintentional Islanding
SCL313	554	'43427709_/43427711'	3.33		3.33	3.33	2.232	1.3	3.33	0.37 No	0.37 Unintentional Islanding
SCL313	555	'4028006_/4028004'		10	10	10	6.688	2.4	10	1.09 No	1.09 Unintentional Islanding
SCL313	556	'3978436_/3978433'		10	10	10	6.688	10	10	1.09 No	1.09 Unintentional Islanding
SCL313	557	'4008659_/4008657'	3.33		3.33	3.33	2.232	1.3	3.33	0.36 No	0.36 Unintentional Islanding
SCL313	558	'4012158_/495323629'	3.33		3.33	3.33	2.232	1.2	3.33	0.36 No	0.36 Unintentional Islanding
SCL313	559	'4011249_/4011247'		10	10	10	6.688	5	10	1.09 No	1.09 Unintentional Islanding
SCL313	560	'4027884_/4027882'		10	10	10	6.688	10	10	1.08 No	1.08 Unintentional Islanding
SCL313	561	'428351442_/427680744_1'		10	10	10	6.688	2.4	10	1.09 No	1.09 Unintentional Islanding
SCL313	562	'43429242_/4011318_2'		10	10	10	6.688	3.8	10	1.09 No	1.09 Unintentional Islanding
SCL313	563	'3978490_/3978487'		10	10	10	6.688	10	10	1.08 No	1.08 Unintentional Islanding
SCL313	564	'397554174_/40263365'		10	10	10	6.688	10	10	1.09 No	1.09 Unintentional Islanding
SCL313	565	'3978419_/3978470'		10	10	10	6.688	10	10	1.08 No	1.08 Unintentional Islanding
SCL313	566	'397554124_/397554182'		10	10	10	6.688	10	10	1.09 No	1.09 Unintentional Islanding
SCL313	567	'397554295_/397554227_1'		10	10	10	6.688	3.9	10	1.09 No	1.09 Unintentional Islanding
SCL313	568	'4003978_/4011917'	3.33		3.33	3.33	2.232	1.3	3.33	0.37 No	0.37 Unintentional Islanding
SCL313	569	'3978561_/3978558'		10	10	10	6.688	10	10	1.08 No	1.08 Unintentional Islanding
SCL313	570	'408371485_/408371451_1'	3.33		3.33	3.33	2.232	1.3	3.33	0.36 No	0.36 Unintentional Islanding
SCL313	571	'514817507_/4011731_1'		10	10	10	6.688	3.1	10	1.09 No	1.09 Unintentional Islanding
SCL313	572	'349029080_/349029077'	3.33		3.33	3.33	2.232	0.8	3.33	0.36 No	0.36 Unintentional Islanding
SCL313	573	'43427672_/3986750_2'	3.33		3.33	3.33	2.232	1.3	3.33	0.36 No	0.36 Unintentional Islanding
SCL313	574	'152809884_/152809922'		10	10	10	6.688	4.6	10	1.08 No	1.08 Unintentional Islanding
SCL313	575	'517449889_/517449908'	3.33		3.33	3.33	2.232	2.03	3.33	0.36 No	0.36 Unintentional Islanding
SCL313	576	'4027901_/4027899'		10	10	10	6.688	10	10	1.08 No	1.08 Unintentional Islanding
SCL313	577	'43422709_/4026331'		10	10	10	6.688	10	10	1.09 No	1.09 Unintentional Islanding
SCL313	578	'514817485_/4011731_2'		10	10	10	6.688	3.1	10	1.09 No	1.09 Unintentional Islanding
SCL313	579	'3978418_/3978416'		10	10	10	6.688	10	10	1.08 No	1.08 Unintentional Islanding
SCL313	580	'3978310_/3978575'		10	10	10	6.688	10	10	1.08 No	1.08 Unintentional Islanding
SCL313	581	'427680725_/427680744_2'		10	10	10	6.688	2.4	10	1.09 No	1.09 Unintentional Islanding
SCL313	582	'121151516_/121151527_2'	3.33		3.33	3.33	2.232	1.3	3.33	0.36 No	0.36 Unintentional Islanding
SCL313	583	'43432262_/4032163'	3.33		3.33	3.33	2.232	1.3	3.33	0.37 No	0.37 Unintentional Islanding
SCL313	584	'107959805_/104255384'		10	10	10	6.688	4.4	10	1.09 No	1.09 Unintentional Islanding
SCL313	585	'3976797_/3978308'		10	10	10	6.688	10	10	1.08 No	1.08 Unintentional Islanding
SCL313	586	'4028437_/4028434'		10	10	10	6.688	10	10	1.08 No	1.08 Unintentional Islanding
SCL313	587	'7930149_/408371451_2'	3.33		3.33	3.33	2.232	1.3	3.33	0.36 No	0.36 Unintentional Islanding
SCL313	588	'3977131_/3978612'		10	10	10	6.688	10	10	1.08 No	1.08 Unintentional Islanding
SCL313	589	'397554301_/397554227_2'		10	10	10	6.688	3.9	10	1.09 No	1.09 Unintentional Islanding
SCL313	590	'4028185_/4028209'		10	10	10	6.688	2.4	10	1.09 No	1.09 Unintentional Islanding
SCL313	591	'4036587_/4036669'	3.33		3.33	3.33	2.232	1.3	3.33	0.36 No	0.36 Unintentional Islanding
SCL313	592	'4026654_/7293311_1'		10	10	10	6.688	4.5	10	1.09 No	1.09 Unintentional Islanding
SCL313	593	'3978928_/3978925'	3.33		3.33	3.33	2.232	1.3	3.33	0.36 No	0.36 Unintentional Islanding
SCL313	594	'8872726_/8872739'	3.33		3.33	3.33	2.232	1.27	3.33	0.36 No	0.36 Unintentional Islanding
SCL313	595	'4011338_/43429244'		10	10	10	6.688	3.8	10	1.09 No	1.09 Unintentional Islanding
SCL313	596	'397554365_/397554307'		10	10	10	6.688	3.9	10	1.09 No	1.09 Unintentional Islanding
SCL313	597	'3976759_/3976794'		10	10	10	6.688	10	10	1.08 No	1.08 Unintentional Islanding
SCL313	598	'43422774_/7293311_2'		10	10	10	6.688	4.5	10	1.09 No	1.09 Unintentional Islanding
SCL313	599	'3977114_/3977128'		10	10	10	6.688	10	10	1.08 No	1.08 Unintentional Islanding
SCL313	600	'4012171_/495323650'	3.33		3.33	3.33	2.232	1.2	3.33	0.36 No	0.36 Unintentional Islanding
SCL313	601	'43422722_/43422724'		10	10	10	6.688	10	10	1.09 No	1.09 Unintentional Islanding
SCL313	602	'4008702_/349029125'	3.33		3.33	3.33	2.232	0.8	3.33	0.36 No	0.36 Unintentional Islanding
SCL313	603	'396454586_/396454540_1'		10	10	10	6.688	3.8	10	1.09 No	1.09 Unintentional Islanding
SCL313	604	'4028501_/4028498'		10	10	10	6.688	10	10	1.08 No	1.08 Unintentional Islanding
SCL313	605	'49472168_/4036542'	3.33		3.33	3.33	2.232	2.2	3.33	0.36 No	0.36 Unintentional Islanding
SCL313	606	'3977097_/3977111'		10	10	10	6.688	10	10	1.08 No	1.08 Unintentional Islanding
SCL313	607	'3976760_/3976757'		10	10	10	6.688	10	10	1.08 No	1.08 Unintentional Islanding
SCL313	608	'3977080_/3977094'		10	10	10	6.688	10	10	1.08 No	1.08 Unintentional Islanding
SCL313	609	'3979960_/3981383'	3.33		3.33	3.33	2.232	1.3	3.33	0.37 No	0.37 Unintentional Islanding
SCL313	610	'4028232_/4028229'	3.33		3.33	3.33	2.232	0.8	3.33	0.36 No	0.36 Unintentional Islanding
SCL313	611	'4026634_/43422776'		10	10	10	6.688	4.5	10	1.09 No	1.09 Unintentional Islanding
SCL313	612	'4028568_/4028566_1'	3.33		3.33	3.33	2.232	1.3	3.33	0.36 No	0.36 Unintentional Islanding
SCL313	613	'8871622_/396454540_2'		10	10	10	6.688	3.8	10	1.09 No	1.09 Unintentional Islanding
SCL313	614	'4014480_/4028515'		10	10	10	6.688	10	10	1.08 No	1.08 Unintentional Islanding
SCL313	615	'3977063_/3977077'		10	10	10	6.688	10	10	1.08 No	1.08 Unintentional Islanding
SCL313	616	'346773864_/342434356'		10	10	10	6.688	3.9	10	1.09 No	1.09 Unintentional Islanding
SCL313	617	'3976725_/3976777'		10	10	10	6.688	10	10	1.08 No	1.08 Unintentional Islanding
SCL313	618	'410098913_/397554683_2'		10	10	10	6.688	4.5	10	1.09 No	1.09 Unintentional Islanding
SCL313	619	'7930615_/397554369'		10	10	10	6.688	3.9	10	1.09 No	1.09 Unintentional Islanding
SCL313	620	'3977062_/3977060'		10	10	10	6.688	10	10	1.08 No	1.08 Unintentional Islanding
SCL313	621	'51456516_/4014478'		10	10	10	6.688	10	10	1.08 No	1.08 Unintentional Islanding
SCL313	622	'397554681_/397554683_1'		10	10	10	6.688	4.5	10	1.09 No	1.09 Unintentional Islanding
SCL313	623	'3976726_/3976723'		10	10	10	6.688	10	10	1.08 No	1.08 Unintentional Islanding
SCL313	624	'396454623_/396454621'	3.33		3.33	3.33	2.232	3.33	3.33	0.36 No	0.36 Unintentional Islanding
SCL313	625	'4027964_/4028183'	3.33		3.33	3.33	2.232	0.8	3.33	0.36 No	0.36 Unintentional Islanding
SCL313	626	'3977287_/3977612'		10	10	10	6.688	10	10	1.08 No	1.08 Unintentional Islanding
SCL313	627	'4003965_/4003975'	3.33		3.33	3.33	2.232	1.3	3.33	0.36 No	0.36 Unintentional Islanding
SCL313	628	'3976249_/3976740'		10	10	10	6.688	10	10	1.08 No	1.08 Unintentional Islanding
SCL313	629	'119205755_/119205761'		10	10	10	6.688	4.6	10	1.08 No	1.08 Unintentional Islanding
SCL313	630	'4026350_/4026348'		10	10	10	6.688	10	10	1.09 No	1.09 Unintentional Islanding

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SCL313	631	'3977270_/_3977284'	10	10	10	6.688	10	10	1.08 No	1.08	Unintentional Islanding
SCL313	632	'4027918_/_4027916'	3.33	3.33	3.33	2.232	1.3	3.33	0.36 No	0.36	Unintentional Islanding
SCL313	633	'4008089_/_4008086'	3.33	3.33	3.33	2.232	2.03	3.33	0.36 No	0.36	Unintentional Islanding
SCL313	634	'4008105_/_517449887'	3.33	3.33	3.33	2.232	2.03	3.33	0.36 No	0.36	Unintentional Islanding
SCL313	635	'49477181_/_4036584'	3.33	3.33	3.33	2.232	1.3	3.33	0.36 No	0.36	Unintentional Islanding
SCL313	636	'3976250_/_3976247'	10	10	10	6.688	10	10	1.08 No	1.08	Unintentional Islanding
SCL313	637	'3976159_/_3976157'	10	10	10	6.688	10	10	1.08 No	1.08	Unintentional Islanding
SCL313	638	'4028470_/_4028566_2'	3.33	3.33	3.33	2.232	1.3	3.33	0.36 No	0.36	Unintentional Islanding
SCL313	639	'347384543_/_342434369'	10	10	10	6.688	3.9	10	1.09 No	1.09	Unintentional Islanding
SCL313	640	'3977269_/_3977267'	10	10	10	6.688	10	10	1.08 No	1.08	Unintentional Islanding
SCL313	641	'7293797_/_9503050'	10	10	10	6.688	3.9	10	1.09 No	1.09	Unintentional Islanding
SCL313	642	'495378588_/_495378586'	3.33	3.33	3.33	2.232	0.8	3.33	0.36 No	0.36	Unintentional Islanding
SCL313	643	'495378572_/_495378569'	3.33	3.33	3.33	2.232	0.8	3.33	0.36 No	0.36	Unintentional Islanding
SCL313	644	'4008688_/_495378605'	3.33	3.33	3.33	2.232	0.8	3.33	0.36 No	0.36	Unintentional Islanding
SCL313	645	'4003964_/_4003962'	3.33	3.33	3.33	2.232	1.3	3.33	0.36 No	0.36	Unintentional Islanding
SCL313	646	'3976267_/_3976264'	10	10	10	6.688	10	10	1.08 No	1.08	Unintentional Islanding
SCL313	647	'142672804_/_142672762'	10	10	10	6.688	10	10	1.08 No	1.08	Unintentional Islanding
SCL313	648	'3977355_/_3977420'	10	10	10	6.688	10	10	1.08 No	1.08	Unintentional Islanding
SCL313	649	'3977354_/_3977352'	10	10	10	6.688	10	10	1.08 No	1.08	Unintentional Islanding
SCL313	650	'4002253_/_4002250'	10	10	10	6.688	10	10	1.08 No	1.08	Unintentional Islanding
SCL313	651	'142672878_/_142672802_2'	10	10	10	6.688	10	10	1.08 No	1.08	Unintentional Islanding
SCL313	652	'3979961_/_3979958'	3.33	3.33	3.33	2.232	1.3	3.33	0.36 No	0.36	Unintentional Islanding
SCL313	653	'119205743_/_119205792'	10	10	10	6.688	4.6	10	1.08 No	1.08	Unintentional Islanding
SCL313	654	'4032179_/_43432264'	3.33	3.33	3.33	2.232	1.3	3.33	0.37 No	0.37	Unintentional Islanding
SCL313	655	'4036603_/_4036613'	3.33	3.33	3.33	2.232	1.3	3.33	0.36 No	0.36	Unintentional Islanding
SCL313	656	'4014331_/_4014344'	3.33	3.33	3.33	2.232	2.03	3.33	0.36 No	0.36	Unintentional Islanding
SCL313	657	'410098855_/_7293795_1'	10	10	10	6.688	4.5	10	1.09 No	1.09	Unintentional Islanding
SCL313	658	'3977459_/_3977457'	10	10	10	6.688	10	10	1.08 No	1.08	Unintentional Islanding
SCL313	659	'4027965_/_4027962'	3.33	3.33	3.33	2.232	0.8	3.33	0.36 No	0.36	Unintentional Islanding
SCL313	660	'4027036_/_4027033'	10	10	10	6.688	10	10	1.08 No	1.08	Unintentional Islanding
SCL313	661	'3977493_/_3977491'	10	10	10	6.688	10	10	1.08 No	1.08	Unintentional Islanding
SCL313	662	'4014330_/_517449810'	3.33	3.33	3.33	2.232	2.03	3.33	0.36 No	0.36	Unintentional Islanding
SCL313	663	'3986602_/_3986600'	3.33	3.33	3.33	2.232	1.3	3.33	0.37 No	0.37	Unintentional Islanding
SCL313	664	'4643457_/_7124055'	10	10	10	6.688	10	10	1.08 No	1.08	Unintentional Islanding
SCL313	665	'4027305_/_4027283'	10	10	10	6.688	10	10	1.08 No	1.08	Unintentional Islanding
SCL313	666	'107689227_/_107959816'	10	10	10	6.688	4.4	10	1.09 No	1.09	Unintentional Islanding
SCL313	667	'4642869_/_4643454'	10	10	10	6.688	10	10	1.08 No	1.08	Unintentional Islanding
SCL313	668	'4027785_/_4028468'	3.33	3.33	3.33	2.232	1.3	3.33	0.36 No	0.36	Unintentional Islanding
SCL313	669	'142672784_/_142672802_1'	10	10	10	6.688	3.9	10	1.08 No	1.08	Unintentional Islanding
SCL313	670	'133583195_/_43427399_1'	3.33	3.33	3.33	2.232	0.8	3.33	0.36 No	0.36	Unintentional Islanding
SCL313	671	'452857553_/_608719722'	3.33	3.33	3.33	2.232	3.33	3.33	0.36 No	0.36	Unintentional Islanding
SCL313	672	'4642868_/_4642866'	10	10	10	6.688	10	10	1.08 No	1.08	Unintentional Islanding
SCL313	673	'4028057_/_4028055'	3.33	3.33	3.33	2.232	1.3	3.33	0.36 No	0.36	Unintentional Islanding
SCL313	674	'119205827_/_119205862'	10	10	10	6.688	4.6	10	1.08 No	1.08	Unintentional Islanding
SCL313	675	'559383137_/_4009279'	3.33	3.33	3.33	2.232	0.8	3.33	0.36 No	0.36	Unintentional Islanding
SCL313	676	'451518106_/_7930428_2'	3.33	3.33	3.33	2.232	3.33	3.33	0.36 No	0.36	Unintentional Islanding
SCL313	677	'495378629_/_495378626'	3.33	3.33	3.33	2.232	0.8	3.33	0.36 No	0.36	Unintentional Islanding
SCL313	678	'49189683_/_49189680'	10	10	10	6.688	10	10	1.08 No	1.08	Unintentional Islanding
SCL313	679	'3982336_/_517449834_2'	3.33	3.33	3.33	2.232	2.03	3.33	0.36 No	0.36	Unintentional Islanding
SCL313	680	'4643178_/_4643176_2'	10	10	10	6.688	10	10	1.08 No	1.08	Unintentional Islanding
SCL313	681	'142673054_/_3976177'	10	10	10	6.688	10	10	1.08 No	1.08	Unintentional Islanding
SCL313	682	'4643853_/_4643176_1'	10	10	10	6.688	10	10	1.08 No	1.08	Unintentional Islanding
SCL313	683	'517449852_/_517449834_1'	3.33	3.33	3.33	2.232	2.03	3.33	0.36 No	0.36	Unintentional Islanding
SCL313	684	'4027981_/_4027978'	3.33	3.33	3.33	2.232	0.8	3.33	0.36 No	0.36	Unintentional Islanding
SCL313	685	'4036602_/_4036600'	3.33	3.33	3.33	2.232	1.3	3.33	0.36 No	0.36	Unintentional Islanding
SCL313	686	'4643128_/_4643922'	10	10	10	6.688	10	10	1.08 No	1.08	Unintentional Islanding
SCL313	687	'43427397_/_43427399_2'	3.33	3.33	3.33	2.232	0.8	3.33	0.36 No	0.36	Unintentional Islanding
SCL313	688	'4643854_/_4643851_1'	10	10	10	6.688	5.5	10	1.08 No	1.08	Unintentional Islanding
SCL313	689	'4643807_/_4643851_2'	10	10	10	6.688	5.5	10	1.08 No	1.08	Unintentional Islanding
SCL313	690	'4643014_/_4643125'	10	10	10	6.688	10	10	1.08 No	1.08	Unintentional Islanding
SCL313	691	'4643013_/_4643011'	10	10	10	6.688	10	10	1.08 No	1.08	Unintentional Islanding
SCL313	692	'517449218_/_517449215'	3.33	3.33	3.33	2.232	0.8	3.33	0.36 No	0.36	Unintentional Islanding
SCL313	693	'7930430_/_7930428_1'	3.33	3.33	3.33	2.232	1.3	3.33	0.36 No	0.36	Unintentional Islanding
SCL313	694	'4042990_/_4042987'	3.33	3.33	3.33	2.232	1.3	3.33	0.36 No	0.36	Unintentional Islanding
SCL313	695	'4027948_/_4027991'	3.33	3.33	3.33	2.232	0.8	3.33	0.36 No	0.36	Unintentional Islanding
SCL313	696	'4642997_/_4643031'	10	10	10	6.688	10	10	1.08 No	1.08	Unintentional Islanding
SCL313	697	'4028169_/_4028167'	3.33	3.33	3.33	2.232	0.8	3.33	0.36 No	0.36	Unintentional Islanding
SCL313	698	'8871838_/_8871835'	3.33	3.33	3.33	2.232	1.3	3.33	0.36 No	0.36	Unintentional Islanding
SCL313	699	'3975596_/_4027809'	3.33	3.33	3.33	2.232	0.8	3.33	0.36 No	0.36	Unintentional Islanding
SCL313	700	'517449082_/_517449079'	3.33	3.33	3.33	2.232	0.8	3.33	0.36 No	0.36	Unintentional Islanding
SCL313	701	'4642980_/_4642994'	10	10	10	6.688	10	10	1.08 No	1.08	Unintentional Islanding
SCL313	702	'517449851_/_517449849'	3.33	3.33	3.33	2.232	2.03	3.33	0.36 No	0.36	Unintentional Islanding
SCL313	703	'4642979_/_4642977'	10	10	10	6.688	10	10	1.08 No	1.08	Unintentional Islanding
SCL313	704	'4642815_/_4643159'	10	10	10	6.688	10	10	1.08 No	1.08	Unintentional Islanding
SCL313	705	'4008063_/_517449234'	3.33	3.33	3.33	2.232	0.8	3.33	0.36 No	0.36	Unintentional Islanding
SCL313	706	'517449259_/_517449256'	3.33	3.33	3.33	2.232	0.8	3.33	0.36 No	0.36	Unintentional Islanding
SCL313	707	'4043003_/_4043000'	3.33	3.33	3.33	2.232	1.3	3.33	0.36 No	0.36	Unintentional Islanding
SCL313	708	'4028086_/_43423527'	3.33	3.33	3.33	2.232	0.8	3.33	0.36 No	0.36	Unintentional Islanding
SCL313	709	'4642537_/_4642812'	10	10	10	6.688	10	10	1.08 No	1.08	Unintentional Islanding
SCL313	710	'517449095_/_517449092'	3.33	3.33	3.33	2.232	0.8	3.33	0.36 No	0.36	Unintentional Islanding
SCL313	711	'4642520_/_4642534'	10	10	10	6.688	10	10	1.08 No	1.08	Unintentional Islanding
SCL313	712	'4028074_/_4028071'	3.33	3.33	3.33	2.232	0.8	3.33	0.36 No	0.36	Unintentional Islanding
SCL313	713	'9397281_/_9397278'	3.33	3.33	3.33	2.232	1.3	3.33	0.36 No	0.36	Unintentional Islanding
SCL313	714	'4027949_/_4027946'	3.33	3.33	3.33	2.232	0.8	3.33	0.36 No	0.36	Unintentional Islanding
SCL313	715	'43427408_/_3975594'	3.33	3.33	3.33	2.232	0.8	3.33	0.36 No	0.36	Unintentional Islanding
SCL313	716	'4642500_/_4642517'	10	10	10	6.688	10	10	1.08 No	1.08	Unintentional Islanding
SCL313	717	'517449462_/_517449874'	3.33	3.33	3.33	2.232	2.03	3.33	0.36 No	0.36	Unintentional Islanding
SCL313	718	'4642483_/_4642497'	10	10	10	6.688	10	10	1.08 No	1.08	Unintentional Islanding
SCL313	719	'4642482_/_4642480'	10	10	10	6.688	10	10	1.07 No	1.07	Unintentional Islanding
SCL313	720	'4027825_/_4043013'	3.33	3.33	3.33	2.232	1.3	3.33	0.36 No	0.36	Unintentional Islanding
SCL313	721	'4643230_/_4643244'	10	10	10	6.688	10	10	1.07 No	1.07	Unintentional Islanding
SCL313	722	'517449773_/_517449770'	3.33	3.33	3.33	2.232	0.8	3.33	0.36 No	0.36	Unintentional Islanding
SCL313	723	'4643229_/_4643227'	10	10	10	6.688	10	10	1.07 No	1.07	Unintentional Islanding
SCL313	724	'4014314_/_517449285'	3.33	3.33	3.33	2.232	0.8	3.33	0.36 No	0.36	Unintentional Islanding

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SCL313	725	'517449116_/_517449113'	3.33		3.33	3.33	2.232	0.8	3.33	0.36 No	0.36 Unintentional Islanding
SCL313	726	'108394806_/_108394817'	10		10	10	6.688	4.6	10	1.08 No	1.08 Unintentional Islanding
SCL313	727	'4642642_/_4643261'	10		10	10	6.688	10	10	1.07 No	1.07 Unintentional Islanding
SCL313	728	'3975597_/_43427410'	3.33		3.33	3.33	2.232	0.8	3.33	0.36 No	0.36 Unintentional Islanding
SCL313	729	'4642625_/_4642639'	10		10	10	6.688	10	10	1.07 No	1.07 Unintentional Islanding
SCL313	730	'4011707_/_517449313'	3.33		3.33	3.33	2.232	0.8	3.33	0.36 No	0.36 Unintentional Islanding
SCL313	731	'4642624_/_4642622'	10		10	10	6.688	10	10	1.07 No	1.07 Unintentional Islanding
SCL313	732	'4027757_/_4027822'	3.33		3.33	3.33	2.232	1.3	3.33	0.36 No	0.36 Unintentional Islanding
SCL313	733	'4642676_/_4642690'	10		10	10	6.688	10	10	1.07 No	1.07 Unintentional Islanding
SCL313	734	'4028198_/_4028245_1'	3.33		3.33	3.33	2.232	0.8	3.33	0.36 No	0.36 Unintentional Islanding
SCL313	735	'347153135_/_517449793_1'	3.33		3.33	3.33	2.232	2.03	3.33	0.36 No	0.36 Unintentional Islanding
SCL313	736	'4642337_/_4642673'	10		10	10	6.688	10	10	1.07 No	1.07 Unintentional Islanding
SCL313	737	'4642336_/_4642334'	10		10	10	6.688	10	10	1.07 No	1.07 Unintentional Islanding
SCL313	738	'4642763_/_4642761'	10		10	10	6.688	10	10	1.07 No	1.07 Unintentional Islanding
SCL313	739	'517449137_/_517449134'	3.33		3.33	3.33	2.232	0.8	3.33	0.36 No	0.36 Unintentional Islanding
SCL313	740	'4641748_/_4643354'	10		10	10	6.688	10	10	1.07 No	1.07 Unintentional Islanding
SCL313	741	'358127382_/_358127401'	10		10	10	6.688	4.6	10	1.08 No	1.08 Unintentional Islanding
SCL313	742	'4641731_/_4641745'	10		10	10	6.688	10	10	1.07 No	1.07 Unintentional Islanding
SCL313	743	'4027756_/_4027754'	3.33		3.33	3.33	2.232	1.3	3.33	0.36 No	0.36 Unintentional Islanding
SCL313	744	'4027837_/_4043026'	3.33		3.33	3.33	2.232	1.3	3.33	0.36 No	0.36 Unintentional Islanding
SCL313	745	'4009194_/_517449298'	3.33		3.33	3.33	2.232	0.8	3.33	0.36 No	0.36 Unintentional Islanding
SCL313	746	'358127429_/_358127439'	10		10	10	6.688	4.6	10	1.08 No	1.08 Unintentional Islanding
SCL313	747	'4641480_/_4641728'	10		10	10	6.688	10	10	1.07 No	1.07 Unintentional Islanding
SCL313	748	'4641463_/_4641477'	10		10	10	6.688	10	10	1.07 No	1.07 Unintentional Islanding
SCL313	749	'4641446_/_4641460'	10		10	10	6.688	10	10	1.07 No	1.07 Unintentional Islanding
SCL313	750	'517449171_/_517449168'	3.33		3.33	3.33	2.232	0.8	3.33	0.36 No	0.36 Unintentional Islanding
SCL313	751	'4641429_/_4641443'	10		10	10	6.688	10	10	1.07 No	1.07 Unintentional Islanding
SCL313	752	'4641412_/_4641426'	10		10	10	6.688	10	10	1.07 No	1.07 Unintentional Islanding
SCL313	753	'550424883_/_550424926'	10		10	10	6.688	10	10	1.07 No	1.07 Unintentional Islanding
SCL313	754	'127897153_/_550424887_1'	10		10	10	6.688	10	10	1.07 No	1.07 Unintentional Islanding
SCL313	755	'4641411_/_4641409'	10		10	10	6.688	10	10	1.07 No	1.07 Unintentional Islanding
SCL313	756	'4009195_/_4009192'	3.33		3.33	3.33	2.232	0.8	3.33	0.36 No	0.36 Unintentional Islanding
SCL313	757	'4641574_/_4641691'	10		10	10	6.688	10	10	1.07 No	1.07 Unintentional Islanding
SCL313	758	'4641575_/_4641572'	10		10	10	6.688	10	10	1.07 No	1.07 Unintentional Islanding
SCL313	759	'118067907_/_4641494_1'	3.33		3.33	3.33	2.232	1.3	3.33	0.36 No	0.36 Unintentional Islanding
SCL313	760	'118067880_/_4641494_2'	3.33		3.33	3.33	2.232	1.3	3.33	0.36 No	0.36 Unintentional Islanding
SCL313	761	'517449184_/_517449181'	3.33		3.33	3.33	2.232	0.8	3.33	0.36 No	0.36 Unintentional Islanding
SCL313	762	'4027772_/_4027835'	3.33		3.33	3.33	2.232	1.3	3.33	0.36 No	0.36 Unintentional Islanding
SCL313	763	'4641592_/_4641589'	10		10	10	6.688	10	10	1.07 No	1.07 Unintentional Islanding
SCL313	764	'4641609_/_4641606'	10		10	10	6.688	10	10	1.07 No	1.07 Unintentional Islanding
SCL313	765	'4641626_/_4641623'	10		10	10	6.688	10	10	1.07 No	1.07 Unintentional Islanding
SCL313	766	'43427419_/_4027770'	3.33		3.33	3.33	2.232	1.3	3.33	0.36 No	0.36 Unintentional Islanding
SCL313	767	'4641643_/_4641657'	10		10	10	6.688	10	10	1.07 No	1.07 Unintentional Islanding
SCL313	768	'4009269_/_4009266'	3.2		3.33	3.33	2.232	0.8	3.33	0.36 No	0.36 Unintentional Islanding
SCL313	769	'4641642_/_4641640'	10		10	10	6.688	10	10	1.07 No	1.07 Unintentional Islanding
SCL313	770	'43553757_/_43553759'	10		10	10	6.688	10	10	1.07 No	1.07 Unintentional Islanding
SCL313	771	'4641327_/_4641341'	10		10	10	6.688	10	10	1.07 No	1.07 Unintentional Islanding
SCL313	772	'4641310_/_4641324'	10		10	10	6.688	10	10	1.07 No	1.07 Unintentional Islanding
SCL313	773	'4027773_/_43427421'	3.33		3.33	3.33	2.232	1.3	3.33	0.36 No	0.36 Unintentional Islanding
SCL313	774	'153485801_/_153485798'	10		10	10	6.688	10	10	1.07 No	1.07 Unintentional Islanding
SCL313	775	'119377928_/_153303821_1'	10		10	10	6.688	10	10	1.07 No	1.07 Unintentional Islanding
SCL313	776	'153487682_/_153485844_1'	10		10	10	6.688	3.9	10	1.07 No	1.07 Unintentional Islanding
SCL313	777	'118068067_/_118068071'	10		10	10	6.688	10	10	1.06 No	1.06 Unintentional Islanding
SCL313	778	'4641293_/_4641307_2'	10		10	10	6.688	10	10	1.06 No	1.06 Unintentional Islanding
SCL313	779	'4641273_/_4641307_1'	10		10	10	6.688	10	10	1.06 No	1.06 Unintentional Islanding
SCL313	780	'119377805_/_150232129_1'	10		10	10	6.688	10	10	1.06 No	1.06 Unintentional Islanding
SCL313	781	'4640272_/_4641270'	10		10	10	6.688	10	10	1.06 No	1.06 Unintentional Islanding
SCL313	782	'131675806_/_43553668_2'	10		10	10	6.688	10	10	1.06 No	1.06 Unintentional Islanding
SCL313	783	'153485826_/_153485844_2'	10		10	10	6.688	3.9	10	1.07 No	1.07 Unintentional Islanding
SCL313	784	'239357029_/_550424887_2'	10		10	10	6.688	10	10	1.07 No	1.07 Unintentional Islanding
SCL313	785	'468919304_/_468919320'	3.33		3.33	3.33	2.232	1.3	3.33	0.36 No	0.36 Unintentional Islanding
SCL313	786	'239366522_/_127896926'	9.1		10	10	6.688	10	10	1.06 No	1.06 Unintentional Islanding
SCL313	787	'119377738_/_153303821_2'	9.4		10	10	6.688	10	10	1.06 No	1.06 Unintentional Islanding
SCL313	788	'119696417_/_150232129_2'	8.7		10	10	6.688	10	10	1.06 No	1.06 Unintentional Islanding
SCL313	789	'119696385_/_8282342'	8.7		10	10	6.688	10	10	1.06 No	1.06 Unintentional Islanding
SCL313	790	'470164949_/_211477773_1'	8.5		10	10	6.688	10	10	1.06 No	1.06 Unintentional Islanding
SCL313	791	'255996513_/_255996518'	8.7		10	10	6.688	10	10	1.06 No	1.06 Unintentional Islanding
SCL313	792	'211477541_/_153303845'	8.7		10	10	6.688	10	10	1.06 No	1.06 Unintentional Islanding
SCL313	793	'255996556_/_255996572'	8.7		10	10	6.688	10	10	1.06 No	1.06 Unintentional Islanding
SCL313	794	'119696351_/_7647547'	8.5		10	10	6.688	10	10	1.06 No	1.06 Unintentional Islanding
SCL313	795	'239366523_/_127896954'	7.6		10	10	6.688	10	10	1.06 No	1.06 Unintentional Islanding
SCL313	796	'239366549_/_127896982'	7		10	10	6.688	10	10	1.06 No	1.06 Unintentional Islanding
SCL313	797	'239366568_/_127897010'	6.1		10	10	6.688	10	10	1.05 No	1.05 Unintentional Islanding
SCL313	798	'239366593_/_127897038'	5.4		10	10	6.688	10	10	1.05 No	1.05 Unintentional Islanding
SCL313	799	'127897057_/_127897066'	5.1		10	10	6.688	10	10	1.04 No	1.04 Unintentional Islanding
SCL313	800	'127896792_/_127897083'	4.8		10	10	6.688	10	10	1.04 No	1.04 Unintentional Islanding
SCL313	801	'143377510_/_127896801'	4.4		9.8	10	6.688	10	10	1.03 No	1.03 Unintentional Islanding
SCL313	802	'211480324_/_211480330'	3.8		7.4	10	6.688	5.2	10	0.97 No	0.97 Unintentional Islanding
SCL313	803	'411388950_/_411388956'	3.9		7.4	10	6.688	5.2	10	0.97 No	0.97 Unintentional Islanding
SCL313	804	'7332778_/_411388999'	3.8		7.1	10	6.688	5.2	10	0.97 No	0.97 Unintentional Islanding
SCL313	805	'411388847_/_411388853'	3.9		7	10	6.688	5.2	10	0.97 No	0.97 Unintentional Islanding
SCL313	806	'9539683_/_411388902'	3.8		6.7	10	6.688	5.2	9.95	0.96 No	0.96 Unintentional Islanding
SCL313	807	'8282365_/_8282362'	3.4		6.6	10	6.688	5.2	9.79	0.96 No	0.96 Unintentional Islanding
SCL313	808	'483073959_/_483074005'	0.43		1.5	3.33	2.232	0.5	1.69	0.26 No	0.26 Unintentional Islanding
SCL313	809	'4049002_/_4049075'	0.87		2.8	6.67	4.456	1	3.28	0.52 No	0.52 Unintentional Islanding
SCL313	810	'70539061_/_4641559_3'	0.7		1.33	3.33	2.232	0.5	1.63	0.26 No	0.26 Unintentional Islanding
SCL313	811	'405316949_/_4641559_2'	0.7		1.33	3.33	2.232	0.5	1.62	0.26 No	0.26 Unintentional Islanding
SCL313	812	'4641108_/_4641559_1'	0.7		1.33	3.33	2.232	0.5	1.62	0.26 No	0.26 Unintentional Islanding
SCL313	813	'118067931_/_118067933'	0.7		1.33	3.33	2.232	0.5	1.62	0.26 No	0.26 Unintentional Islanding
SCL313	814	'4641133_/_4641507'	0.67		1.33	3.33	2.232	0.5	1.61	0.26 No	0.26 Unintentional Islanding
SCL313	815	'43553881_/_4641105'	0.67		1.3	3.33	2.232	0.5	1.6	0.26 No	0.26 Unintentional Islanding
SCL313	816	'43553892_/_4641131'	0.67		1.3	3.33	2.232	0.5	1.6	0.26 No	0.26 Unintentional Islanding
SCL313	817	'4641082_/_4641092'	0.67		1.3	3.33	2.232	0.5	1.59	0.26 No	0.26 Unintentional Islanding
SCL313	818	'4641121_/_4641118'	0.67		1.3	3.33	2.232	0.5	1.58	0.26 No	0.26 Unintentional Islanding

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SCL313	819	'4640885_/_4641079'		0.67	1.27	3.33	2.232	0.5	1.58	0.26 No	0.26 Unintentional Islanding
SCL313	820	'4047680_/_4049015'		0.8	2.6	6.67	4.456	1	3.12	0.52 No	0.52 Unintentional Islanding
SCL313	821	'4641202_/_4641199'		0.67	1.27	3.33	2.232	0.5	1.57	0.26 No	0.26 Unintentional Islanding
SCL313	822	'43553735_/_4640882'		0.63	1.27	3.33	2.232	0.5	1.56	0.26 No	0.26 Unintentional Islanding
SCL313	823	'4017880_/_4019075_3'		0.43	1.27	3.33	2.232	0.4	1.58	0.26 No	0.26 Unintentional Islanding
SCL313	824	'4640820_/_4640895'		0.63	1.23	3.33	2.232	0.5	1.55	0.26 No	0.26 Unintentional Islanding
SCL313	825	'4641960_/_4643324'		0.63	1.23	3.33	2.232	0.5	1.54	0.26 No	0.26 Unintentional Islanding
SCL313	826	'4641961_/_4641958'		0.63	1.23	3.33	2.232	0.5	1.53	0.26 No	0.26 Unintentional Islanding
SCL313	827	'4640807_/_4640817'		0.63	1.2	3.33	2.232	0.5	1.53	0.26 No	0.26 Unintentional Islanding
SCL313	828	'4640914_/_4640911'		0.63	1.2	3.33	2.232	0.5	1.53	0.26 No	0.26 Unintentional Islanding
SCL313	829	'4640806_/_4640804'		0.63	1.2	3.33	2.232	0.5	1.52	0.26 No	0.26 Unintentional Islanding
SCL313	830	'4641974_/_4641971'		0.63	1.2	3.33	2.232	0.5	1.52	0.26 No	0.26 Unintentional Islanding
SCL313	831	'4017879_/_4019075_2'		0.4	1.23	3.33	2.232	0.4	1.54	0.26 No	0.26 Unintentional Islanding
SCL313	832	'4047681_/_4047678'		0.8	2.47	6.67	4.456	1	2.99	0.52 No	0.52 Unintentional Islanding
SCL313	833	'43553746_/_43553748'		0.63	1.2	3.33	2.232	0.5	1.51	0.26 No	0.26 Unintentional Islanding
SCL313	834	'43553655_/_43553657'		0.63	1.2	3.33	2.232	0.5	1.51	0.26 No	0.26 Unintentional Islanding
SCL313	835	'4638604_/_4638601_2'		0.6	1.17	3.33	2.232	0.5	1.5	0.26 No	0.26 Unintentional Islanding
SCL313	836	'4640930_/_4640940'		0.6	1.17	3.33	2.232	0.5	1.5	0.26 No	0.26 Unintentional Islanding
SCL313	837	'116853641_/_4650989'		0.6	1.17	3.33	2.232	0.5	1.49	0.26 No	0.26 Unintentional Islanding
SCL313	838	'4638591_/_4638601_1'		0.6	1.17	3.33	2.232	0.5	1.49	0.26 No	0.26 Unintentional Islanding
SCL313	839	'4640929_/_4640927'		0.6	1.17	3.33	2.232	0.5	1.49	0.26 No	0.26 Unintentional Islanding
SCL313	840	'4640956_/_4640953'		0.6	1.17	3.33	2.232	0.5	1.48	0.26 No	0.26 Unintentional Islanding
SCL313	841	'43553644_/_4638588'		0.6	1.17	3.33	2.232	0.5	1.48	0.26 No	0.26 Unintentional Islanding
SCL313	842	'4641147_/_4641144'		0.6	1.13	3.33	2.232	0.5	1.47	0.26 No	0.26 Unintentional Islanding
SCL313	843	'4642238_/_43553929'		2.5	2.9	10	6.688	2.2	4.43	0.79 No	0.79 Unintentional Islanding
SCL313	844	'4049107_/_4049122'		0.73	2.4	6.67	4.456	1	2.88	0.52 No	0.52 Unintentional Islanding
SCL313	845	'43553632_/_43553634'		0.6	1.13	3.33	2.232	0.5	1.47	0.26 No	0.26 Unintentional Islanding
SCL313	846	'43553903_/_4641157'		0.6	1.13	3.33	2.232	0.5	1.46	0.26 No	0.26 Unintentional Islanding
SCL313	847	'4641189_/_43553905'		0.6	1.13	3.33	2.232	0.5	1.46	0.26 No	0.26 Unintentional Islanding
SCL313	848	'4641522_/_4641546'		0.6	1.13	3.33	2.232	0.5	1.45	0.26 No	0.26 Unintentional Islanding
SCL313	849	'4641523_/_4641520'		0.6	1.1	3.33	2.232	0.5	1.44	0.26 No	0.26 Unintentional Islanding
SCL313	850	'4641172_/_4641533'		0.57	1.1	3.33	2.232	0.5	1.44	0.26 No	0.26 Unintentional Islanding
SCL313	851	'4641173_/_4641170'		0.57	1.1	3.33	2.232	0.5	1.43	0.26 No	0.26 Unintentional Islanding
SCL313	852	'4048961_/_4049105'		0.73	2.27	6.67	4.456	1	2.75	0.52 No	0.52 Unintentional Islanding
SCL313	853	'4049001_/_4048999'		0.33	1.1	3.33	2.232	0.3	1.37	0.26 No	0.26 Unintentional Islanding
SCL313	854	'4049142_/_43433904'		0.37	1.13	3.33	2.232	0.5	1.25	0.26 No	0.26 Unintentional Islanding
SCL313	855	'4048962_/_4048959'		0.67	2.13	6.67	4.456	1	2.63	0.52 No	0.52 Unintentional Islanding
SCL313	856	'4038973_/_4049058'		0.67	2	6.67	4.456	1	2.53	0.52 No	0.52 Unintentional Islanding
SCL313	857	'316263973_/_316263920_1'		0.27	1.07	3.33	2.232	0.3	1.23	0.26 No	0.26 Unintentional Islanding
SCL313	858	'4642221_/_4642236'		2.2	2.4	10	6.688	2.2	3.85	0.79 No	0.79 Unintentional Islanding
SCL313	859	'43425655_/_4038970'		0.6	1.93	6.67	4.456	1	2.45	0.52 No	0.52 Unintentional Islanding
SCL313	860	'316263923_/_316263920_2'		0.27	1.07	3.33	2.232	0.3	1.22	0.26 No	0.26 Unintentional Islanding
SCL313	861	'495323119_/_4011883_2'		0.9	3.1	10	6.688	1	3.59	0.79 No	0.79 Unintentional Islanding
SCL313	862	'4002633_/_4011883_1'		0.9	3.1	10	6.688	0.6	3.59	0.79 No	0.6 Element Fault
SCL313	863	'391419515_/_391419449_2'		0.73	0.8	3.33	2.232	0.4	1.25	0.26 No	0.26 Unintentional Islanding
SCL313	864	'384213126_/_4013302_3'		1.1	2.9	10	6.688	2.7	3.58	0.79 No	0.79 Unintentional Islanding
SCL313	865	'392790024_/_384213128_1'		1.1	2.8	10	6.688	1.1	3.54	0.79 No	0.79 Unintentional Islanding
SCL313	866	'526548176_/_4011748_2'		0.9	2.8	10	6.688	1.1	3.53	0.79 No	0.79 Unintentional Islanding
SCL313	867	'43429277_/_4011748_1'		0.9	2.8	10	6.688	0.8	3.53	0.79 No	0.79 Unintentional Islanding
SCL313	868	'43430513_/_4019090'		0.3	0.9	3.33	2.232	0.4	1.24	0.26 No	0.26 Unintentional Islanding
SCL313	869	'4038725_/_4038736'		0.6	1.87	6.67	4.456	1	2.34	0.52 No	0.52 Unintentional Islanding
SCL313	870	'252094240_/_155001936_1'		1.3	2.5	10	6.688	1.4	3.49	0.79 No	0.79 Unintentional Islanding
SCL313	871	'43429037_/_43429039'		0.9	2.9	10	6.688	0.6	3.46	0.79 No	0.6 Element Fault
SCL313	872	'43553953_/_4642219'		2.1	2.3	10	6.688	2.2	3.63	0.79 No	0.79 Unintentional Islanding
SCL313	873	'4049035_/_4049032'		0.3	0.9	3.33	2.232	0.3	1.18	0.26 No	0.26 Unintentional Islanding
SCL313	874	'4642222_/_8282402_1'		2.1	2.2	10	6.688	2.2	3.57	0.79 No	0.79 Unintentional Islanding
SCL313	875	'4013952_/_4013966'		0.9	2.8	10	6.688	0.6	3.37	0.79 No	0.6 Element Fault
SCL313	876	'4013305_/_384213128_2'		1	2.7	10	6.688	1.1	3.4	0.79 No	0.79 Unintentional Islanding
SCL313	877	'4038872_/_4038886'		0.53	1.73	6.67	4.456	1	2.24	0.52 No	0.52 Unintentional Islanding
SCL313	878	'4011445_/_4011480'		0.9	2.6	10	6.688	0.8	3.34	0.79 No	0.79 Unintentional Islanding
SCL313	879	'4038855_/_4038869'		0.53	1.67	6.67	4.456	1	2.16	0.52 No	0.52 Unintentional Islanding
SCL313	880	'4002649_/_4011900'		0.8	2.6	10	6.688	0.6	3.25	0.79 No	0.6 Element Fault
SCL313	881	'43429705_/_4013322'		0.9	2.4	10	6.688	1.1	3.19	0.79 No	0.79 Unintentional Islanding
SCL313	882	'155001939_/_155001936_2'		1.1	2.1	10	6.688	1.4	3.18	0.79 No	0.79 Unintentional Islanding
SCL313	883	'43427294_/_4038852'		0.53	1.6	6.67	4.456	1	2.05	0.52 No	0.52 Unintentional Islanding
SCL313	884	'43429303_/_43429305'		0.8	2.4	10	6.688	0.8	3.11	0.79 No	0.79 Unintentional Islanding
SCL313	885	'399245856_/_8556664_2'		0.9	2.3	10	6.688	1.1	3.11	0.79 No	0.79 Unintentional Islanding
SCL313	886	'4038710_/_4038903'		0.47	1.53	6.67	4.456	1	2	0.52 No	0.47 Primary Over-Voltage
SCL313	887	'43429376_/_4002647'		0.7	2.2	10	6.688	0.6	2.92	0.79 No	0.6 Element Fault
SCL313	888	'4002380_/_4011423'		0.7	2.1	10	6.688	0.8	2.88	0.79 No	0.7 Primary Over-Voltage
SCL313	889	'4019077_/_4019075_1'		0.27	0.67	3.33	2.232	0.4	0.99	0.26 No	0.26 Unintentional Islanding
SCL313	890	'3985772_/_4038723'		0.27	0.73	3.33	2.232	0.3	0.87	0.26 No	0.26 Unintentional Islanding
SCL313	891	'4022156_/_4022154'		0.23	0.67	3.33	2.232	0.4	0.97	0.26 No	0.23 Primary Over-Voltage
SCL313	892	'4012254_/_4023039'		0.2	0.7	3.33	2.232	0.3	0.93	0.26 No	0.2 Primary Over-Voltage
SCL313	893	'4029604_/_4029628_3'		0.23	0.77	3.33	2.232	0.3	0.89	0.26 No	0.23 Primary Over-Voltage
SCL313	894	'4026672_/_4026669'		0.8	2	10	6.688	0.9	2.66	0.79 No	0.79 Unintentional Islanding
SCL313	895	'252094123_/_252094086'		1	1.8	10	6.688	1.4	2.77	0.79 No	0.79 Unintentional Islanding
SCL313	896	'4009921_/_4013382'		0.8	2	10	6.688	1	2.78	0.79 No	0.79 Unintentional Islanding
SCL313	897	'388568113_/_4029602_1'		0.23	0.73	3.33	2.232	0.1	0.88	0.26 No	0.1 Element Fault
SCL313	898	'397554781_/_4026686_1'		0.8	1.9	10	6.688	0.5	2.6	0.79 No	0.5 Element Fault
SCL313	899	'43429316_/_4002377'		0.7	1.9	10	6.688	0.8	2.69	0.79 No	0.7 Primary Over-Voltage
SCL313	900	'4012021_/_43429378'		0.6	1.9	10	6.688	0.6	2.69	0.79 No	0.6 Primary Over-Voltage
SCL313	901	'4047697_/_4049045'		0.2	0.63	3.33	2.232	0.3	0.91	0.26 No	0.2 Primary Over-Voltage
SCL313	902	'121448637_/_4038753_2'		0.2	0.7	3.33	2.232	0.3	0.77	0.26 No	0.2 Primary Over-Voltage
SCL313	903	'7187950_/_4012019_1'		0.6	1.9	10	6.688	0.6	2.67	0.79 No	0.6 Primary Over-Voltage
SCL313	904	'124682086_/_8282402_2'		1.8	1.6	10	6.688	2.2	2.71	0.79 No	0.79 Unintentional Islanding
SCL313	905	'124682103_/_124682088'		1.8	1.6	10	6.688	2.2	2.7	0.79 No	0.79 Unintentional Islanding
SCL313	906	'124682108_/_124682116'		1.8	1.6	10	6.688	2.2	2.7	0.79 No	0.79 Unintentional Islanding
SCL313	907	'124682063_/_124682109'		1.8	1.6	10	6.688	2.2	2.7	0.79 No	0.79 Unintentional Islanding
SCL313	908	'124682040_/_124682070'		1.7	1.6	10	6.688	2.2	2.7	0.79 No	0.79 Unintentional Islanding
SCL313	909	'4026742_/_4026740'		0.9	1.6	10	6.688	1.4	2.61	0.79 No	0.79 Unintentional Islanding
SCL313	910	'50726829_/_8556664_1'		0.7	1.8	10	6.688	0.8	2.6	0.79 No	0.7 Primary Over-Voltage
SCL313	911	'322697003_/_252094145'		1	1.6	10	6.688	1.4	2.6	0.79 No	0.79 Unintentional Islanding
SCL313	912	'351478141_/_351478138'		1.7	1.6	10	6.688	1.9	2.67	0.79 No	0.79 Unintentional Islanding

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SCL313	913	'127084757_/_124681931'	1.7	1.6	10	6.688	2	2.67	0.79 No	0.79	Unintentional Islanding
SCL313	914	'8556999_/_9187335_2'	0.9	1.6	10	6.688	1.3	2.58	0.79 No	0.79	Unintentional Islanding
SCL313	915	'43422787_/_4026686_2'	0.7	1.7	10	6.688	0.5	2.46	0.79 No	0.5	Element Fault
SCL313	916	'580201396_/_4013950'	0.2	0.6	3.33	2.232	0.2	0.83	0.26 No	0.2	Primary Over-Voltage
SCL313	917	'4009387_/_4012019_2'	0.6	1.7	10	6.688	0.6	2.48	0.79 No	0.6	Primary Over-Voltage
SCL313	918	'43431311_/_4023071'	0.17	0.6	3.33	2.232	0.3	0.81	0.26 No	0.17	Primary Over-Voltage
SCL313	919	'4038709_/_4038707'	0.23	0.63	3.33	2.232	0.3	0.72	0.26 No	0.23	Primary Over-Voltage
SCL313	920	'43429731_/_4029602_2'	0.2	0.6	3.33	2.232	0.1	0.78	0.26 No	0.1	Element Fault
SCL313	921	'3982319_/_4011406'	0.6	1.6	10	6.688	0.8	2.39	0.79 No	0.6	Primary Over-Voltage
SCL313	922	'4022492_/_4027725'	0.17	0.57	3.33	2.232	0.3	0.8	0.26 No	0.17	Primary Over-Voltage
SCL313	923	'7187951_/_7187948'	0.6	1.7	10	6.688	0.6	2.4	0.79 No	0.6	Primary Over-Voltage
SCL313	924	'4047698_/_4047695'	0.17	0.53	3.33	2.232	0.3	0.79	0.26 No	0.17	Primary Over-Voltage
SCL313	925	'4019122_/_4019158'	0.2	0.53	3.33	2.232	0.4	0.8	0.26 No	0.2	Primary Over-Voltage
SCL313	926	'4009922_/_4009919'	0.6	1.6	10	6.688	1	2.34	0.79 No	0.6	Primary Over-Voltage
SCL313	927	'43420459_/_4026780'	0.9	1.4	10	6.688	1.4	2.32	0.79 No	0.79	Unintentional Islanding
SCL313	928	'3985568_/_4038753_1'	0.2	0.57	3.33	2.232	0.3	0.68	0.26 No	0.2	Primary Over-Voltage
SCL313	929	'3982318_/_3982316'	0.5	1.5	10	6.688	0.8	2.26	0.79 No	0.5	Primary Over-Voltage
SCL313	930	'4026390_/_4026388'	0.7	1.5	10	6.688	0.5	2.22	0.79 No	0.5	Element Fault
SCL313	931	'3985773_/_3985770'	0.2	0.53	3.33	2.232	0.3	0.71	0.26 No	0.2	Primary Over-Voltage
SCL313	932	'4022979_/_43431313'	0.17	0.53	3.33	2.232	0.3	0.74	0.26 No	0.17	Primary Over-Voltage
SCL313	933	'149289759_/_149289768'	0.9	1.4	10	6.688	1.4	2.24	0.79 No	0.79	Unintentional Islanding
SCL313	934	'4009388_/_4009385'	0.5	1.5	10	6.688	0.6	2.24	0.79 No	0.5	Primary Over-Voltage
SCL313	935	'9187337_/_9187335_1'	0.8	1.4	10	6.688	0.4	2.24	0.79 No	0.4	Element Fault
SCL313	936	'156789027_/_149292446_1'	0.8	1.3	10	6.688	1.4	2.22	0.79 No	0.79	Unintentional Islanding
SCL313	937	'4032615_/_4032630'	0.6	1.4	10	6.688	1	2.19	0.79 No	0.6	Primary Over-Voltage
SCL313	938	'4022493_/_4022490'	0.13	0.5	3.33	2.232	0.3	0.72	0.26 No	0.13	Primary Over-Voltage
SCL313	939	'43429866_/_43429868'	0.5	1.4	10	6.688	0.8	2.14	0.79 No	0.5	Primary Over-Voltage
SCL313	940	'4009438_/_4009435'	0.5	1.5	10	6.688	0.6	2.17	0.79 No	0.5	Primary Over-Voltage
SCL313	941	'4026874_/_4026900'	0.3	0.43	3.33	2.232	0.3	0.72	0.26 No	0.26	Unintentional Islanding
SCL313	942	'4004906_/_43429733'	0.17	0.5	3.33	2.232	0.1	0.69	0.26 No	0.1	Element Fault
SCL313	943	'4012253_/_4012251'	0.13	0.47	3.33	2.232	0.3	0.7	0.26 No	0.13	Primary Over-Voltage
SCL313	944	'43422381_/_4026405'	0.6	1.3	10	6.688	0.5	2.05	0.79 No	0.5	Element Fault
SCL313	945	'4004907_/_4004904'	0.17	0.47	3.33	2.232	0.1	0.66	0.26 No	0.1	Element Fault
SCL313	946	'4026441_/_4026439'	0.6	1.3	10	6.688	0.5	2.01	0.79 No	0.5	Element Fault
SCL313	947	'4047724_/_4047721'	0.17	0.43	3.33	2.232	0.3	0.69	0.26 No	0.17	Primary Over-Voltage
SCL313	948	'4022508_/_43431324'	0.13	0.47	3.33	2.232	0.3	0.67	0.26 No	0.13	Primary Over-Voltage
SCL313	949	'4018926_/_4019145'	0.2	0.43	3.33	2.232	0.3	0.69	0.26 No	0.2	Primary Over-Voltage
SCL313	950	'150203891_/_43422383'	0.6	1.3	10	6.688	0.5	1.97	0.79 No	0.5	Element Fault
SCL313	951	'4005241_/_4005272'	0.4	1.3	10	6.688	0.8	1.99	0.79 No	0.4	Primary Over-Voltage
SCL313	952	'4019048_/_4019132'	0.17	0.43	3.33	2.232	0.3	0.68	0.26 No	0.17	Primary Over-Voltage
SCL313	953	'3981223_/_4047708'	0.13	0.43	3.33	2.232	0.3	0.67	0.26 No	0.13	Primary Over-Voltage
SCL313	954	'43430705_/_4019119'	0.17	0.43	3.33	2.232	0.3	0.68	0.26 No	0.17	Primary Over-Voltage
SCL313	955	'526549676_/_4011999_2'	0.5	1.5	10	6.688	0.5	1.82	0.79 No	0.5	Primary Over-Voltage
SCL313	956	'43427320_/_3985566'	0.17	0.47	3.33	2.232	0.3	0.6	0.26 No	0.17	Primary Over-Voltage
SCL313	957	'4022664_/_4022661'	0.13	0.43	3.33	2.232	0.3	0.65	0.26 No	0.13	Primary Over-Voltage
SCL313	958	'153303929_/_149292446_2'	0.8	1.1	10	6.688	1.4	1.94	0.79 No	0.79	Unintentional Islanding
SCL313	959	'4027740_/_4027738'	0.13	0.43	3.33	2.232	0.3	0.64	0.26 No	0.13	Primary Over-Voltage
SCL313	960	'43430257_/_4026871'	0.27	0.4	3.33	2.232	0.3	0.64	0.26 No	0.26	Unintentional Islanding
SCL313	961	'4032616_/_4032613'	0.5	1.2	10	6.688	1	1.94	0.79 No	0.5	Primary Over-Voltage
SCL313	962	'149292408_/_149292446_3'	0.8	1.1	10	6.688	1.4	1.89	0.79 No	0.79	Unintentional Islanding
SCL313	963	'4026317_/_150203893'	0.5	1.2	10	6.688	0.5	1.84	0.79 No	0.5	Primary Over-Voltage
SCL313	964	'43429879_/_43429881'	0.4	1.2	10	6.688	0.8	1.85	0.79 No	0.4	Primary Over-Voltage
SCL313	965	'4026823_/_149292410'	0.8	1.1	10	6.688	1.4	1.86	0.79 No	0.79	Unintentional Islanding
SCL313	966	'4012267_/_4023026'	0.13	0.4	3.33	2.232	0.3	0.61	0.26 No	0.13	Primary Over-Voltage
SCL313	967	'156789001_/_9503070_1'	0.8	1.1	10	6.688	1.4	1.84	0.79 No	0.79	Unintentional Islanding
SCL313	968	'4004920_/_4004933'	0.13	0.4	3.33	2.232	0.1	0.59	0.26 No	0.1	Element Fault
SCL313	969	'43432345_/_4035072'	0.5	1.2	10	6.688	1	1.84	0.79 No	0.5	Primary Over-Voltage
SCL313	970	'4018913_/_4018923'	0.17	0.4	3.33	2.232	0.3	0.62	0.26 No	0.17	Primary Over-Voltage
SCL313	971	'4038942_/_43428867'	0.17	0.4	3.33	2.232	0.3	0.55	0.26 No	0.17	Primary Over-Voltage
SCL313	972	'4005173_/_4005187'	0.4	1.2	10	6.688	0.8	1.79	0.79 No	0.4	Primary Over-Voltage
SCL313	973	'4035075_/_108277858_1'	0.5	1.1	10	6.688	0.4	1.82	0.79 No	0.4	Element Fault
SCL313	974	'4005172_/_4005170'	0.4	1.1	10	6.688	0.8	1.78	0.79 No	0.4	Primary Over-Voltage
SCL313	975	'43420472_/_4027192'	0.5	1.1	10	6.688	0.5	1.76	0.79 No	0.5	Primary Over-Voltage
SCL313	976	'438815632_/_4013557'	0.13	0.4	3.33	2.232	0.1	0.57	0.26 No	0.1	Element Fault
SCL313	977	'3981224_/_3981221'	0.13	0.37	3.33	2.232	0.3	0.59	0.26 No	0.13	Primary Over-Voltage
SCL313	978	'43429853_/_43429855'	0.4	1.1	10	6.688	0.8	1.73	0.79 No	0.4	Primary Over-Voltage
SCL313	979	'4026840_/_4026837'	0.7	1	10	6.688	1.4	1.75	0.79 No	0.7	Primary Over-Voltage
SCL313	980	'43430256_/_4026884'	0.23	0.33	3.33	2.232	0.3	0.58	0.26 No	0.23	Primary Over-Voltage
SCL313	981	'3985582_/_3985579'	0.13	0.37	3.33	2.232	0.3	0.53	0.26 No	0.13	Primary Over-Voltage
SCL313	982	'43430716_/_4019046'	0.17	0.37	3.33	2.232	0.3	0.58	0.26 No	0.17	Primary Over-Voltage
SCL313	983	'43432358_/_4035092'	0.4	1.1	10	6.688	1	1.73	0.79 No	0.4	Primary Over-Voltage
SCL313	984	'4004919_/_4004917'	0.13	0.37	3.33	2.232	0.1	0.56	0.26 No	0.1	Element Fault
SCL313	985	'4019032_/_4019030'	0.13	0.37	3.33	2.232	0.3	0.58	0.26 No	0.13	Primary Over-Voltage
SCL313	986	'9503073_/_9503070_2'	0.7	1	10	6.688	1.4	1.7	0.79 No	0.7	Primary Over-Voltage
SCL313	987	'43429642_/_4011999_1'	0.4	1.2	10	6.688	0.5	1.57	0.79 No	0.4	Primary Over-Voltage
SCL313	988	'43432432_/_4012264'	0.1	0.37	3.33	2.232	0.3	0.55	0.26 No	0.1	Primary Over-Voltage
SCL313	989	'4027212_/_43420474'	0.5	1	10	6.688	0.5	1.64	0.79 No	0.5	Primary Over-Voltage
SCL313	990	'108277852_/_108277858_2'	0.4	1	10	6.688	0.4	1.66	0.79 No	0.4	Primary Over-Voltage
SCL313	991	'43429840_/_4011578'	0.3	1	10	6.688	0.8	1.63	0.79 No	0.3	Primary Over-Voltage
SCL313	992	'8245550_/_8245548_1'	0.5	1	10	6.688	0.5	1.62	0.79 No	0.5	Primary Over-Voltage
SCL313	993	'4023087_/_4023084'	0.1	0.33	3.33	2.232	0.3	0.54	0.26 No	0.1	Primary Over-Voltage
SCL313	994	'8245551_/_8245548_2'	0.5	1	10	6.688	0.5	1.6	0.79 No	0.5	Primary Over-Voltage
SCL313	995	'4018912_/_4018910'	0.13	0.33	3.33	2.232	0.3	0.55	0.26 No	0.13	Primary Over-Voltage
SCL313	996	'412176883_/_4027229'	0.5	1	10	6.688	0.5	1.6	0.79 No	0.5	Primary Over-Voltage
SCL313	997	'4011499_/_438815640'	0.1	0.37	3.33	2.232	0.1	0.53	0.26 No	0.1	Primary Over-Voltage
SCL313	998	'4021964_/_4021962'	0.13	0.33	3.33	2.232	0.3	0.54	0.26 No	0.13	Primary Over-Voltage
SCL313	999	'43429742_/_4004959'	0.1	0.33	3.33	2.232	0.1	0.52	0.26 No	0.1	Primary Over-Voltage
SCL313	1000	'4022893_/_4022891_1'	0.3	1.2	10	6.688	0.1	1.39	0.79 No	0.1	Element Fault
SCL313	1001	'43429892_/_43429894'	0.3	1	10	6.688	0.8	1.53	0.79 No	0.3	Primary Over-Voltage
SCL313	1002	'452984687_/_4022891_2'	0.3	1.2	10	6.688	0.1	1.38	0.79 No	0.1	Element Fault
SCL313	1003	'4020086_/_4022020_2'	0.3	1.1	10	6.688	0.4	1.38	0.79 No	0.3	Primary Over-Voltage
SCL313	1004	'4019007_/_4019004'	0.13	0.33	3.33	2.232	0.3	0.52	0.26 No	0.13	Primary Over-Voltage
SCL313	1005	'3981237_/_3981234'	0.1	0.33	3.33	2.232	0.3	0.52	0.26 No	0.1	Primary Over-Voltage
SCL313	1006	'156789054_/_4045987'	0.6	0.9	10	6.688	1	1.53	0.79 No	0.6	Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SCL313	1007	'4032599_/_4035109'	0.4	0.9	10	6.688	1	1.54	0.79 No	0.4	Primary Over-Voltage
SCL313	1008	'4011500_/_4011497'	0.1	0.33	3.33	2.232	0.1	0.5	0.26 No	0.1	Primary Over-Voltage
SCL313	1009	'452984710_/_450207818_1_1'	0.3	1.1	10	6.688	0.1	1.36	0.79 No	0.1	Element Fault
SCL313	1010	'4011964_/_4011962'	0.3	1	10	6.688	0.5	1.44	0.79 No	0.3	Primary Over-Voltage
SCL313	1011	'7294082_/_450207818_2_2'	0.3	1.1	10	6.688	0.1	1.35	0.79 No	0.1	Element Fault
SCL313	1012	'4018887_/_4018897'	0.13	0.3	3.33	2.232	0.3	0.5	0.26 No	0.13	Primary Over-Voltage
SCL313	1013	'3985595_/_3985592'	0.13	0.3	3.33	2.232	0.3	0.46	0.26 No	0.13	Primary Over-Voltage
SCL313	1014	'4022022_/_4022020_1_1'	0.3	1	10	6.688	0.4	1.33	0.79 No	0.3	Primary Over-Voltage
SCL313	1015	'254569162_/_9187855_1_1'	0.2	0.7	10	6.688	0.4	1.33	0.79 No	0.2	Primary Over-Voltage
SCL313	1016	'520191359_/_3985712_2_2'	0.13	0.3	3.33	2.232	0.3	0.46	0.26 No	0.13	Primary Over-Voltage
SCL313	1017	'7930039_/_8246000_2_2'	0.3	1	10	6.688	0.4	1.32	0.79 No	0.3	Primary Over-Voltage
SCL313	1018	'4018939_/_4018936'	0.13	0.3	3.33	2.232	0.3	0.49	0.26 No	0.13	Primary Over-Voltage
SCL313	1019	'43429753_/_43429755'	0.1	0.3	3.33	2.232	0.1	0.47	0.26 No	0.1	Primary Over-Voltage
SCL313	1020	'455040562_/_454401002_2_2'	0.1	0.3	3.33	2.232	0.1	0.47	0.26 No	0.1	Primary Over-Voltage
SCL313	1021	'3981250_/_3981247'	0.1	0.3	3.33	2.232	0.3	0.48	0.26 No	0.1	Primary Over-Voltage
SCL313	1022	'8245822_/_149300139'	0.6	0.8	10	6.688	1.4	1.42	0.79 No	0.6	Primary Over-Voltage
SCL313	1023	'4013505_/_4013503'	0.3	0.9	10	6.688	0.5	1.35	0.79 No	0.3	Primary Over-Voltage
SCL313	1024	'4032569_/_4032596'	0.3	0.9	10	6.688	1	1.42	0.79 No	0.3	Primary Over-Voltage
SCL313	1025	'7294005_/_454401002_1_1'	0.1	0.3	3.33	2.232	0.1	0.45	0.26 No	0.1	Primary Over-Voltage
SCL313	1026	'117733932_/_117733929'	0.1	0.3	3.33	2.232	0.1	0.45	0.26 No	0.1	Primary Over-Voltage
SCL313	1027	'3975493_/_4018884'	0.13	0.27	3.33	2.232	0.3	0.46	0.26 No	0.13	Primary Over-Voltage
SCL313	1028	'4019064_/_4019176'	0.13	0.27	3.33	2.232	0.3	0.46	0.26 No	0.13	Primary Over-Voltage
SCL313	1029	'252126785_/_8246000_1_1'	0.2	0.9	10	6.688	0.4	1.24	0.79 No	0.2	Primary Over-Voltage
SCL313	1030	'117733956_/_117733953'	0.1	0.3	3.33	2.232	0.1	0.44	0.26 No	0.1	Primary Over-Voltage
SCL313	1031	'3985608_/_3985605'	0.1	0.27	3.33	2.232	0.3	0.42	0.26 No	0.1	Primary Over-Voltage
SCL313	1032	'3985702_/_3985712_1_1'	0.1	0.27	3.33	2.232	0.1	0.42	0.26 No	0.1	Primary Over-Voltage
SCL313	1033	'4032549_/_4032566'	0.3	0.8	10	6.688	1	1.33	0.79 No	0.3	Primary Over-Voltage
SCL313	1034	'252126746_/_252126950'	0.13	0.6	6.67	4.456	0.27	0.8	0.52 No	0.13	Primary Over-Voltage
SCL313	1035	'117733969_/_117733966'	0.1	0.27	3.33	2.232	0.1	0.42	0.26 No	0.1	Primary Over-Voltage
SCL313	1036	'7293777_/_7293775_1_1'	0.3	0.8	10	6.688	0.4	1.31	0.79 No	0.3	Primary Over-Voltage
SCL313	1037	'252126778_/_252126885'	0.07	0.3	3.33	2.232	0.13	0.4	0.26 No	0.07	Primary Over-Voltage
SCL313	1038	'43430694_/_4018949'	0.1	0.27	3.33	2.232	0.3	0.43	0.26 No	0.1	Primary Over-Voltage
SCL313	1039	'4032548_/_4032546'	0.3	0.8	10	6.688	1	1.29	0.79 No	0.3	Primary Over-Voltage
SCL313	1040	'4004589_/_4004587_1_1'	0.1	0.3	3.33	2.232	0.1	0.38	0.26 No	0.1	Primary Over-Voltage
SCL313	1041	'3981275_/_3981260'	0.1	0.27	3.33	2.232	0.3	0.42	0.26 No	0.1	Primary Over-Voltage
SCL313	1042	'68777163_/_4022726_3_3'	0.07	0.3	3.33	2.232	0.4	0.38	0.26 No	0.07	Primary Over-Voltage
SCL313	1043	'43429666_/_43429668'	0.3	0.8	10	6.688	0.5	1.21	0.79 No	0.3	Primary Over-Voltage
SCL313	1044	'43427353_/_3985618'	0.1	0.27	3.33	2.232	0.3	0.39	0.26 No	0.1	Primary Over-Voltage
SCL313	1045	'7609437_/_252126938'	0.07	0.27	3.33	2.232	0.13	0.38	0.26 No	0.07	Primary Over-Voltage
SCL313	1046	'3985701_/_3985699'	0.1	0.27	3.33	2.232	0.1	0.39	0.26 No	0.1	Primary Over-Voltage
SCL313	1047	'3959035_/_3975490'	0.1	0.23	3.33	2.232	0.3	0.42	0.26 No	0.1	Primary Over-Voltage
SCL313	1048	'4004590_/_4004587_2_2'	0.1	0.3	3.33	2.232	0.1	0.37	0.26 No	0.1	Primary Over-Voltage
SCL313	1049	'43430727_/_4019062'	0.1	0.23	3.33	2.232	0.3	0.41	0.26 No	0.1	Primary Over-Voltage
SCL313	1050	'3981301_/_3981299'	0.1	0.23	3.33	2.232	0.3	0.41	0.26 No	0.1	Primary Over-Voltage
SCL313	1051	'7293778_/_7293775_2_2'	0.3	0.7	10	6.688	0.4	1.23	0.79 No	0.3	Primary Over-Voltage
SCL313	1052	'254568795_/_8872165'	0.13	0.53	6.67	4.456	0.27	0.75	0.52 No	0.13	Primary Over-Voltage
SCL313	1053	'43427004_/_43427006'	0.1	0.23	3.33	2.232	0.3	0.4	0.26 No	0.1	Primary Over-Voltage
SCL313	1054	'3975349_/_3975347'	0.1	0.23	3.33	2.232	0.3	0.4	0.26 No	0.1	Primary Over-Voltage
SCL313	1055	'149879595_/_68777166'	0.07	0.3	3.33	2.232	0.4	0.36	0.26 No	0.07	Primary Over-Voltage
SCL313	1056	'149879628_/_8245284_1_1'	0.07	0.27	3.33	2.232	0.1	0.35	0.26 No	0.07	Primary Over-Voltage
SCL313	1057	'7294102_/_8872183'	0.07	0.23	3.33	2.232	0.13	0.37	0.26 No	0.07	Primary Over-Voltage
SCL313	1058	'3981318_/_3981315'	0.07	0.23	3.33	2.232	0.3	0.39	0.26 No	0.07	Primary Over-Voltage
SCL313	1059	'254568711_/_7294099'	0.07	0.23	3.33	2.232	0.13	0.36	0.26 No	0.07	Primary Over-Voltage
SCL313	1060	'3959064_/_3959062'	0.1	0.23	3.33	2.232	0.3	0.39	0.26 No	0.1	Primary Over-Voltage
SCL313	1061	'4018965_/_4018962'	0.1	0.23	3.33	2.232	0.3	0.39	0.26 No	0.1	Primary Over-Voltage
SCL313	1062	'43429505_/_4004600'	0.1	0.27	3.33	2.232	0.1	0.35	0.26 No	0.1	Primary Over-Voltage
SCL313	1063	'4011785_/_4011979'	0.2	0.7	10	6.688	0.5	1.12	0.79 No	0.2	Primary Over-Voltage
SCL313	1064	'3985673_/_3985686'	0.1	0.23	3.33	2.232	0.1	0.36	0.26 No	0.1	Primary Over-Voltage
SCL313	1065	'8245287_/_8245284_2_2'	0.07	0.27	3.33	2.232	0.1	0.34	0.26 No	0.07	Primary Over-Voltage
SCL313	1066	'4013205_/_4032583'	0.1	0.23	3.33	2.232	0.3	0.38	0.26 No	0.1	Primary Over-Voltage
SCL313	1067	'3981276_/_3981273'	0.07	0.23	3.33	2.232	0.3	0.38	0.26 No	0.07	Primary Over-Voltage
SCL313	1068	'8544901_/_8544898'	0.07	0.23	3.33	2.232	0.13	0.35	0.26 No	0.07	Primary Over-Voltage
SCL313	1069	'4017800_/_4019017'	0.1	0.23	3.33	2.232	0.3	0.38	0.26 No	0.1	Primary Over-Voltage
SCL313	1070	'4018978_/_4018975'	0.1	0.23	3.33	2.232	0.3	0.38	0.26 No	0.1	Primary Over-Voltage
SCL313	1071	'43429190_/_43429192'	0.2	0.7	10	6.688	0.5	1.08	0.79 No	0.2	Primary Over-Voltage
SCL313	1072	'254568742_/_9503194'	0.2	0.7	10	6.688	0.4	1.04	0.79 No	0.2	Primary Over-Voltage
SCL313	1073	'3981198_/_3981286'	0.07	0.23	3.33	2.232	0.3	0.37	0.26 No	0.07	Primary Over-Voltage
SCL313	1074	'4004616_/_4004613'	0.07	0.23	3.33	2.232	0.1	0.33	0.26 No	0.07	Primary Over-Voltage
SCL313	1075	'3985727_/_43427333'	0.1	0.23	3.33	2.232	0.1	0.34	0.26 No	0.1	Primary Over-Voltage
SCL313	1076	'43427015_/_3959033'	0.1	0.2	3.33	2.232	0.3	0.36	0.26 No	0.1	Primary Over-Voltage
SCL313	1077	'8557450_/_446881524'	0.07	0.23	3.33	2.232	0.13	0.34	0.26 No	0.07	Primary Over-Voltage
SCL313	1078	'43427364_/_43427355'	0.1	0.2	3.33	2.232	0.3	0.34	0.26 No	0.1	Primary Over-Voltage
SCL313	1079	'3985672_/_3985670_1_1'	0.1	0.2	3.33	2.232	0.1	0.34	0.26 No	0.1	Primary Over-Voltage
SCL313	1080	'43427342_/_3985670_2_2'	0.1	0.2	3.33	2.232	0.1	0.34	0.26 No	0.1	Primary Over-Voltage
SCL313	1081	'4013452_/_4013466'	0.2	0.6	10	6.688	0.5	1.03	0.79 No	0.2	Primary Over-Voltage
SCL313	1082	'43431147_/_4017798'	0.1	0.2	3.33	2.232	0.3	0.35	0.26 No	0.1	Primary Over-Voltage
SCL313	1083	'4013146_/_4013202'	0.1	0.2	3.33	2.232	0.3	0.35	0.26 No	0.1	Primary Over-Voltage
SCL313	1084	'3980301_/_4045125'	0.07	0.23	3.33	2.232	0.1	0.31	0.26 No	0.07	Primary Over-Voltage
SCL313	1085	'43430683_/_4018988'	0.1	0.2	3.33	2.232	0.3	0.34	0.26 No	0.1	Primary Over-Voltage
SCL313	1086	'3981182_/_3981195'	0.07	0.2	3.33	2.232	0.3	0.34	0.26 No	0.07	Primary Over-Voltage
SCL313	1087	'3985659_/_43427344'	0.07	0.2	3.33	2.232	0.1	0.33	0.26 No	0.07	Primary Over-Voltage
SCL313	1088	'43427020_/_43427017'	0.1	0.2	3.33	2.232	0.3	0.34	0.26 No	0.1	Primary Over-Voltage
SCL313	1089	'3975307_/_3981208'	0.07	0.2	3.33	2.232	0.3	0.33	0.26 No	0.07	Primary Over-Voltage
SCL313	1090	'9187198_/_9187195'	0.07	0.23	3.33	2.232	0.1	0.3	0.26 No	0.07	Primary Over-Voltage
SCL313	1091	'4013451_/_4013449'	0.2	0.6	10	6.688	0.5	0.97	0.79 No	0.2	Primary Over-Voltage
SCL313	1092	'4017788_/_4017785'	0.1	0.2	3.33	2.232	0.3	0.33	0.26 No	0.1	Primary Over-Voltage
SCL313	1093	'3975308_/_3975305'	0.07	0.2	3.33	2.232	0.3	0.32	0.26 No	0.07	Primary Over-Voltage
SCL313	1094	'3985660_/_3985657'	0.07	0.2	3.33	2.232	0.1	0.31	0.26 No	0.07	Primary Over-Voltage
SCL313	1095	'3981181_/_3981179'	0.07	0.2	3.33	2.232	0.3	0.32	0.26 No	0.07	Primary Over-Voltage
SCL313	1096	'43423887_/_43423889'	0.1	0.2	3.33	2.232	0.3	0.32	0.26 No	0.1	Primary Over-Voltage
SCL313	1097	'4013589_/_4013606'	0.2	0.6	10	6.688	0.5	0.94	0.79 No	0.2	Primary Over-Voltage
SCL313	1098	'3980302_/_3980299'	0.07	0.2	3.33	2.232	0.1	0.29	0.26 No	0.07	Primary Over-Voltage
SCL313	1099	'3985647_/_43427366'	0.1	0.2	3.33	2.232	0.3	0.3	0.26 No	0.1	Primary Over-Voltage
SCL313	1100	'372951645_/_3985939_1_1'	0.1	0.2	3.33	2.232	0.1	0.3	0.26 No	0.1	Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SCL313	1101	'372951653_/3985910_1'		0.1	0.17	3.33	2.232	0.1	0.3	0.26 No	0.1 Primary Over-Voltage
SCL313	1102	'3979976_/3980286'		0.07	0.2	3.33	2.232	0.1	0.28	0.26 No	0.07 Primary Over-Voltage
SCL313	1103	'43429203_/4013586'		0.2	0.5	10	6.688	0.5	0.91	0.79 No	0.2 Primary Over-Voltage
SCL313	1104	'4013175_/4013173'		0.07	0.17	3.33	2.232	0.3	0.3	0.26 No	0.07 Primary Over-Voltage
SCL313	1105	'43430688_/43430685'		0.07	0.17	3.33	2.232	0.3	0.3	0.26 No	0.07 Primary Over-Voltage
SCL313	1106	'43431158_/4017811'		0.07	0.17	3.33	2.232	0.3	0.3	0.26 No	0.07 Primary Over-Voltage
SCL313	1107	'43429202_/4011765'		0.2	0.5	10	6.688	0.5	0.89	0.79 No	0.2 Primary Over-Voltage
SCL313	1108	'4013188_/4013186'		0.07	0.17	3.33	2.232	0.3	0.3	0.26 No	0.07 Primary Over-Voltage
SCL313	1109	'4004628_/4045138'		0.07	0.17	3.33	2.232	0.1	0.27	0.26 No	0.07 Primary Over-Voltage
SCL313	1110	'3981344_/3985910_2'		0.07	0.17	3.33	2.232	0.1	0.28	0.26 No	0.07 Primary Over-Voltage
SCL313	1111	'3975545_/3985939_2'		0.07	0.17	3.33	2.232	0.1	0.28	0.26 No	0.07 Primary Over-Voltage
SCL313	1112	'4013233_/4013231'		0.07	0.17	3.33	2.232	0.3	0.29	0.26 No	0.07 Primary Over-Voltage
SCL313	1113	'3979977_/3979974'		0.07	0.17	3.33	2.232	0.1	0.26	0.26 No	0.07 Primary Over-Voltage
SCL313	1114	'4013401_/43429354'		0.07	0.17	3.33	2.232	0.3	0.28	0.26 No	0.07 Primary Over-Voltage
SCL313	1115	'3975571_/3981341'		0.07	0.17	3.33	2.232	0.1	0.27	0.26 No	0.07 Primary Over-Voltage
SCL313	1116	'4017827_/43431160'		0.07	0.17	3.33	2.232	0.3	0.28	0.26 No	0.07 Primary Over-Voltage
SCL313	1117	'3986859_/3986856'		0.07	0.17	3.33	2.232	0.1	0.27	0.26 No	0.07 Primary Over-Voltage
SCL313	1118	'4004629_/4004626'		0.07	0.17	3.33	2.232	0.1	0.25	0.26 No	0.07 Primary Over-Voltage
SCL313	1119	'43427037_/3975568'		0.07	0.17	3.33	2.232	0.1	0.26	0.26 No	0.07 Primary Over-Voltage
SCL313	1120	'43427375_/43427377'		0.07	0.17	3.33	2.232	0.1	0.26	0.26 No	0.07 Primary Over-Voltage
SCL313	1121	'43426780_/3981354'		0.07	0.17	3.33	2.232	0.1	0.25	0.26 No	0.07 Primary Over-Voltage
SCL313	1122	'4019191_/4020057'		0.07	0.13	3.33	2.232	0.3	0.26	0.26 No	0.07 Primary Over-Voltage
SCL313	1123	'3986872_/3986869'		0.07	0.13	3.33	2.232	0.1	0.25	0.26 No	0.07 Primary Over-Voltage
SCL313	1124	'3959146_/3975581'		0.07	0.13	3.33	2.232	0.1	0.24	0.26 No	0.07 Primary Over-Voltage
SCL313	1125	'4019192_/4019189'		0.07	0.13	3.33	2.232	0.3	0.25	0.26 No	0.07 Primary Over-Voltage
SCL313	1126	'3986845_/3986885'		0.07	0.13	3.33	2.232	0.1	0.24	0.26 No	0.07 Primary Over-Voltage
SCL313	1127	'44848048_/3996690'		0.03	0.13	3.33	2.232	0.1	0.23	0.26 No	0.03 Primary Over-Voltage
SCL313	1128	'3975531_/3975542'		0.07	0.13	3.33	2.232	0.1	0.24	0.26 No	0.07 Primary Over-Voltage
SCL313	1129	'3959130_/3959143'		0.07	0.13	3.33	2.232	0.1	0.24	0.26 No	0.07 Primary Over-Voltage
SCL313	1130	'3986846_/3986843'		0.07	0.13	3.33	2.232	0.1	0.23	0.26 No	0.07 Primary Over-Voltage
SCL313	1131	'3959117_/3959127'		0.07	0.13	3.33	2.232	0.1	0.23	0.26 No	0.07 Primary Over-Voltage
SCL313	1132	'3975518_/3975529'		0.07	0.13	3.33	2.232	0.1	0.23	0.26 No	0.07 Primary Over-Voltage
SCL313	1133	'3987928_/3987925'		0.07	0.13	3.33	2.232	0.1	0.22	0.26 No	0.07 Primary Over-Voltage
SCL313	1134	'3975505_/3975516'		0.07	0.13	3.33	2.232	0.1	0.22	0.26 No	0.07 Primary Over-Voltage
SCL313	1135	'3959116_/3959114'		0.07	0.13	3.33	2.232	0.1	0.22	0.26 No	0.07 Primary Over-Voltage
SCL313	1136	'43427386_/3975503'		0.07	0.13	3.33	2.232	0.1	0.21	0.26 No	0.07 Primary Over-Voltage
SCL313	1137	'43427731_/3987938'		0.07	0.13	3.33	2.232	0.1	0.21	0.26 No	0.07 Primary Over-Voltage
SCL313	1138	'3975320_/43427388'		0.07	0.13	3.33	2.232	0.1	0.21	0.26 No	0.07 Primary Over-Voltage
SCL313	1139	'49244095_/3987951'		0.07	0.1	3.33	2.232	0.1	0.2	0.26 No	0.07 Primary Over-Voltage
SCL313	1140	'3975321_/3975318'		0.07	0.1	3.33	2.232	0.1	0.2	0.26 No	0.07 Primary Over-Voltage
SCL313	1141	'49956370_/3996526'		0.07	0.1	3.33	2.232	0.1	0.19	0.26 No	0.07 Primary Over-Voltage
SCL313	1142	'3996602_/3996600'		0.03	0.1	3.33	2.232	0.1	0.17	0.26 No	0.03 Primary Over-Voltage
SCL313	1143	'3996667_/49219058'		0.03	0.1	3.33	2.232	0.1	0.16	0.26 No	0.03 Primary Over-Voltage
SCL313	1144	'3996666_/3996677'		0.03	0.07	3.33	2.232	0.1	0.15	0.26 No	0.03 Primary Over-Voltage
SCL313	1145	'8556392_/8556390_1'		0.03	0.07	3.33	2.232	0.1	0.15	0.26 No	0.03 Primary Over-Voltage
SCL313	1146	'4047796_/4047794'		0.03	0.07	3.33	2.232	0.1	0.14	0.26 No	0.03 Primary Over-Voltage
SCL313	1147	'8556393_/8556390_2'		0.03	0.07	3.33	2.232	0.1	0.14	0.26 No	0.03 Primary Over-Voltage
SCL313	1148	'9186120_/9186117'		0.03	0.07	3.33	2.232	0.1	0.13	0.26 No	0.03 Primary Over-Voltage
SCL322	0	'SCL322_/4033451'		10	10	10	3.28	10	10	10 Yes	3.28 Thermal Discharging
SCL322	1	'4022635_/4033451'		10	10	10	3.28	10	10	0.29 Yes	3.28 Thermal Discharging
SCL322	2	'4021444_/4022632'		10	10	10	3.28	10	10	0.29 Yes	3.28 Thermal Discharging
SCL322	3	'4021443_/4021441'		10	10	10	3.28	10	10	0.29 Yes	3.28 Thermal Discharging
SCL322	4	'4028731_/4028990'		10	10	10	3.28	10	10	0.29 Yes	3.28 Thermal Discharging
SCL322	5	'592754202_/4028728'		10	10	10	3.28	10	10	0.29 Yes	3.28 Thermal Discharging
SCL322	6	'592754018_/592754256'		10	10	10	3.28	10	10	0.29 Yes	3.28 Thermal Discharging
SCL322	7	'592753967_/592754015'		10	10	10	3.28	10	10	0.29 Yes	3.28 Thermal Discharging
SCL322	8	'592754484_/592753964_2'		10	10	10	3.28	10	10	0.29 Yes	3.28 Thermal Discharging
SCL322	9	'592753949_/592753964_1'		10	10	10	3.28	10	10	0.29 Yes	3.28 Thermal Discharging
SCL322	10	'592754441_/592753946_2'		10	10	10	3.28	10	10	0.29 Yes	3.28 Thermal Discharging
SCL322	11	'4017389_/592753982'		10	10	10	3.28	10	10	0.29 Yes	3.28 Thermal Discharging
SCL322	12	'4017405_/4017403'		10	10	10	3.28	10	10	0.29 Yes	3.28 Thermal Discharging
SCL322	13	'4017423_/4017420'		10	10	10	3.28	10	10	0.29 Yes	3.28 Thermal Discharging
SCL322	14	'4017252_/537497451'		10	10	10	3.28	10	10	0.29 Yes	3.28 Thermal Discharging
SCL322	15	'537497405_/537497365_2'		10	10	10	3.28	10	10	0.29 Yes	3.28 Thermal Discharging
SCL322	16	'65000060_/4017208_2'	3.33	3.33	3.33	3.33	1.09	2.8	3.33	0.1 Yes	1.09 Thermal Discharging
SCL322	17	'53430296_/53430293'	3.33	3.33	3.33	3.33	1.09	3.33	3.33	0.1 Yes	1.09 Thermal Discharging
SCL322	18	'502087249_/502087226_1'	10	10	10	10	3.28	10	10	0.29 Yes	3.28 Thermal Discharging
SCL322	19	'502087196_/502087226_2'	10	10	10	10	3.28	10	10	0.29 Yes	3.28 Thermal Discharging
SCL322	20	'537497361_/537497365_1'	10	10	10	10	3.28	10	10	0.29 Yes	3.28 Thermal Discharging
SCL322	21	'53430346_/53430325_1'	3.33	3.33	3.33	3.33	1.09	1.2	3.33	0.1 Yes	1.09 Thermal Discharging
SCL322	22	'4017440_/502087202'	10	10	10	10	3.28	10	10	0.29 Yes	3.28 Thermal Discharging
SCL322	23	'4017103_/4017250'	10	10	10	10	3.28	10	10	0.29 Yes	3.28 Thermal Discharging
SCL322	24	'68327622_/4016994_1'	3.33	3.33	3.33	3.33	1.09	0.7	3.33	0.1 Yes	0.7 Element Fault
SCL322	25	'4017457_/4017454'	10	10	10	10	3.28	10	10	0.29 Yes	3.28 Thermal Discharging
SCL322	26	'4017270_/4017267'	10	10	10	10	3.28	10	10	0.29 Yes	3.28 Thermal Discharging
SCL322	27	'4017474_/4017471'	10	10	10	10	3.28	10	10	0.29 Yes	3.28 Thermal Discharging
SCL322	28	'4017287_/4017284'	10	10	10	10	3.28	10	10	0.29 Yes	3.28 Thermal Discharging
SCL322	29	'68327627_/4016994_2'	3.33	3.33	3.33	3.33	1.09	0.7	3.33	0.1 Yes	0.7 Element Fault
SCL322	30	'4017240_/4017301'	10	10	10	10	3.28	10	10	0.29 Yes	3.28 Thermal Discharging
SCL322	31	'4017371_/4017488'	10	10	10	10	3.28	10	10	0.29 Yes	3.28 Thermal Discharging
SCL322	32	'107053831_/107053761_1'	3.33	3.33	3.33	3.33	1.09	1.2	3.33	0.1 Yes	1.09 Thermal Discharging
SCL322	33	'64999258_/4017114_1'	3.33	3.33	3.33	3.33	1.09	1.2	3.33	0.1 Yes	1.09 Thermal Discharging
SCL322	34	'4017508_/64972435'	10	10	10	10	3.28	10	10	0.29 Yes	3.28 Thermal Discharging
SCL322	35	'4017372_/4017369'	10	10	10	10	3.28	10	10	0.29 Yes	3.28 Thermal Discharging
SCL322	36	'4025904_/64972456'	10	10	10	10	3.28	10	10	0.29 Yes	3.28 Thermal Discharging
SCL322	37	'4025420_/4026243'	10	10	10	10	3.28	10	10	0.29 Yes	3.28 Thermal Discharging
SCL322	38	'107053764_/107053761_2'	3.33	3.33	3.33	3.33	1.09	1.2	3.33	0.1 Yes	1.09 Thermal Discharging
SCL322	39	'4017210_/4017208_1'	3.33	3.33	3.33	3.33	1.09	1.2	3.33	0.1 Yes	1.09 Thermal Discharging
SCL322	40	'64972503_/64972481'	10	10	10	10	3.28	10	10	0.29 Yes	3.28 Thermal Discharging
SCL322	41	'4025421_/4025418'	10	10	10	10	3.28	10	10	0.29 Yes	3.28 Thermal Discharging
SCL322	42	'4025658_/64972506'	10	10	10	10	3.28	10	10	0.29 Yes	3.28 Thermal Discharging
SCL322	43	'4025676_/4025673'	10	10	10	10	3.28	10	10	0.29 Yes	3.28 Thermal Discharging
SCL322	44	'4025641_/4025656'	10	10	10	10	3.28	10	10	0.29 Yes	3.28 Thermal Discharging
SCL322	45	'4025403_/4025690'	10	10	10	10	3.28	10	10	0.29 Yes	3.28 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SCL322	46	'4026180_/_4026177'		10	10	10	3.28	10	10	0.29 Yes	3.28 Thermal Discharging
SCL322	47	'4025939_/_4025936'		10	10	10	3.28	10	10	0.29 Yes	3.28 Thermal Discharging
SCL322	48	'4025437_/_4025639'		10	10	10	3.28	10	10	0.29 Yes	3.28 Thermal Discharging
SCL322	49	'4025384_/_4025381_2'		10	10	10	3.28	10	10	0.29 Yes	3.28 Thermal Discharging
SCL322	50	'4025438_/_4025435'		10	10	10	3.28	10	10	0.29 Yes	3.28 Thermal Discharging
SCL322	51	'3955402_/_4017114_2'		3.33	3.33	3.33	1.09	1.2	3.33	0.1 Yes	1.09 Thermal Discharging
SCL322	52	'4025955_/_4026021'		10	10	10	3.28	10	10	0.29 Yes	3.28 Thermal Discharging
SCL322	53	'4025192_/_4025452'		10	10	10	3.28	10	10	0.29 Yes	3.28 Thermal Discharging
SCL322	54	'64999346_/_4025206_1'		3.33	3.33	3.33	1.09	1.2	3.33	0.1 Yes	1.09 Thermal Discharging
SCL322	55	'4025472_/_4025469'		10	10	10	3.28	10	10	0.29 Yes	3.28 Thermal Discharging
SCL322	56	'4025010_/_4025953'		10	10	10	3.28	10	10	0.29 Yes	3.28 Thermal Discharging
SCL322	57	'4024900_/_4025381_1'		10	10	10	3.28	3.7	10	0.29 Yes	3.28 Thermal Discharging
SCL322	58	'43431963_/_4025486'		10	10	10	3.28	10	10	0.29 Yes	3.28 Thermal Discharging
SCL322	59	'4025163_/_43431965'		10	10	10	3.28	10	10	0.29 Yes	3.28 Thermal Discharging
SCL322	60	'4025011_/_4025008'		10	10	10	3.28	10	10	0.29 Yes	3.28 Thermal Discharging
SCL322	61	'4025121_/_4025520'		10	10	10	3.28	10	10	0.29 Yes	3.28 Thermal Discharging
SCL322	62	'53430318_/_53430325_2'		3.33	3.33	3.33	1.09	1.2	3.33	0.1 Yes	1.09 Thermal Discharging
SCL322	63	'4025209_/_4025206_2'		3.33	3.33	3.33	1.09	1.2	3.33	0.1 Yes	1.09 Thermal Discharging
SCL322	64	'4025371_/_4025368'		3.33	3.33	3.33	1.09	1.23	3.33	0.1 Yes	1.09 Thermal Discharging
SCL322	65	'4025540_/_4025537'		10	10	10	3.28	10	10	0.29 Yes	3.28 Thermal Discharging
SCL322	66	'43431998_/_4025554'		10	10	10	3.28	10	10	0.29 Yes	3.28 Thermal Discharging
SCL322	67	'4025973_/_4025970'		10	10	10	3.28	10	10	0.29 Yes	3.28 Thermal Discharging
SCL322	68	'4024899_/_4024897'		3.33	3.33	3.33	1.09	1.23	3.33	0.1 Yes	1.09 Thermal Discharging
SCL322	69	'4025056_/_43432000'		10	10	10	3.28	10	10	0.29 Yes	3.28 Thermal Discharging
SCL322	70	'3955389_/_3955399'		3.33	3.33	3.33	1.09	1.2	3.33	0.1 Yes	1.09 Thermal Discharging
SCL322	71	'4025027_/_4025588'		10	10	10	3.28	10	10	0.29 Yes	3.28 Thermal Discharging
SCL322	72	'64998476_/_4025070_1'		3.33	3.33	3.33	1.09	1.2	3.33	0.1 Yes	1.09 Thermal Discharging
SCL322	73	'43432055_/_4025605'		10	10	10	3.28	10	10	0.29 Yes	3.28 Thermal Discharging
SCL322	74	'43431904_/_4024957'		10	10	10	3.28	3.7	10	0.29 Yes	3.28 Thermal Discharging
SCL322	75	'4025990_/_4025987'		10	10	10	3.28	10	10	0.29 Yes	3.28 Thermal Discharging
SCL322	76	'4025625_/_4025622'		10	10	10	3.28	10	10	0.29 Yes	3.28 Thermal Discharging
SCL322	77	'43432068_/_4025868'		10	10	10	3.28	10	10	0.29 Yes	3.28 Thermal Discharging
SCL322	78	'4024926_/_4024923'		10	10	10	3.28	3.7	10	0.29 Yes	3.28 Thermal Discharging
SCL322	79	'4025855_/_4025885'		10	10	10	3.28	10	10	0.29 Yes	3.28 Thermal Discharging
SCL322	80	'4026007_/_4026004'		10	10	10	3.28	10	10	0.29 Yes	3.28 Thermal Discharging
SCL322	81	'3718220_/_7122461'		10	10	10	3.28	10	10	0.29 Yes	3.28 Thermal Discharging
SCL322	82	'3718179_/_3718218'		10	10	10	3.28	10	10	0.29 Yes	3.28 Thermal Discharging
SCL322	83	'43431917_/_4024910'		3.33	3.33	3.33	1.09	1.23	3.33	0.1 Yes	1.09 Thermal Discharging
SCL322	84	'3718028_/_3718235'		10	10	10	3.28	10	10	0.29 Yes	3.28 Thermal Discharging
SCL322	85	'43431976_/_4025161'		3.33	3.33	3.33	1.09	3.33	3.33	0.1 Yes	1.09 Thermal Discharging
SCL322	86	'4026044_/_4026041'		10	10	10	3.28	10	10	0.29 Yes	3.28 Thermal Discharging
SCL322	87	'64999367_/_4025177_1'		3.33	3.33	3.33	1.09	1.2	3.33	0.1 Yes	1.09 Thermal Discharging
SCL322	88	'3955376_/_3955386'		3.33	3.33	3.33	1.09	1.2	3.33	0.1 Yes	1.09 Thermal Discharging
SCL322	89	'43431891_/_4024940'		10	10	10	3.28	3.7	10	0.29 Yes	3.28 Thermal Discharging
SCL322	90	'65000249_/_3718431'		10	10	10	3.28	10	10	0.29 Yes	3.28 Thermal Discharging
SCL322	91	'4025073_/_4025070_2'		3.33	3.33	3.33	1.09	1.2	3.33	0.1 Yes	1.09 Thermal Discharging
SCL322	92	'64998358_/_4025135_2'		3.33	3.33	3.33	1.09	3.33	3.33	0.1 Yes	1.09 Thermal Discharging
SCL322	93	'53430362_/_53430369'		3.33	3.33	3.33	1.09	1.2	3.33	0.1 Yes	1.09 Thermal Discharging
SCL322	94	'43371055_/_3718289'		10	10	10	3.28	10	10	0.29 Yes	3.28 Thermal Discharging
SCL322	95	'4025098_/_4026058'		10	10	10	3.28	10	10	0.29 Yes	3.28 Thermal Discharging
SCL322	96	'597173476_/_43371057'		10	10	10	3.28	10	10	0.29 Yes	3.28 Thermal Discharging
SCL322	97	'597173759_/_597173549_1'		10	10	10	0	10	10	10 Yes	0 Thermal Discharging
SCL322	98	'43371082_/_597173480'		10	10	10	3.28	10	10	0.29 Yes	3.28 Thermal Discharging
SCL322	99	'597173552_/_597173549_2'		10	10	10	0	10	10	10 Yes	0 Thermal Discharging
SCL322	100	'597173914_/_597173567_1'		10	10	10	0	3.6	10	10 Yes	0 Thermal Discharging
SCL322	101	'597173570_/_597173567_2'		10	10	10	0	3.6	10	10 Yes	0 Thermal Discharging
SCL322	102	'597173931_/_597173585_3'		10	10	10	0	3.6	10	10 Yes	0 Thermal Discharging
SCL322	103	'597173942_/_597173585_2'		10	10	10	0	3.6	10	10 Yes	0 Thermal Discharging
SCL322	104	'4025180_/_4025177_2'		3.33	3.33	3.33	1.09	1.2	3.33	0.1 Yes	1.09 Thermal Discharging
SCL322	105	'597173588_/_597173585_1'		10	10	10	0	3.6	10	10 Yes	0 Thermal Discharging
SCL322	106	'4024976_/_43431893'		10	10	10	3.28	3.7	10	0.29 Yes	3.28 Thermal Discharging
SCL322	107	'43371095_/_3718357'		10	10	10	3.28	10	10	0.29 Yes	3.28 Thermal Discharging
SCL322	108	'4026078_/_4026075'		10	10	10	3.28	10	10	0.29 Yes	3.28 Thermal Discharging
SCL322	109	'43371154_/_43371097'		10	10	10	3.28	10	10	0.29 Yes	3.28 Thermal Discharging
SCL322	110	'4025086_/_4025083'		3.33	3.33	3.33	1.09	1.2	3.33	0.1 Yes	1.09 Thermal Discharging
SCL322	111	'4022851_/_4026230'		3.33	3.33	3.33	1.09	1.23	3.33	0.1 Yes	1.09 Thermal Discharging
SCL322	112	'4026095_/_4026092'		10	10	10	3.28	10	10	0.29 Yes	3.28 Thermal Discharging
SCL322	113	'43371420_/_43371156'		10	10	10	3.28	10	10	0.29 Yes	3.28 Thermal Discharging
SCL322	114	'4025221_/_4025355'		3.33	3.33	3.33	1.09	1.23	3.33	0.1 Yes	1.09 Thermal Discharging
SCL322	115	'68987866_/_43371422'		10	10	10	3.28	10	10	0.29 Yes	3.28 Thermal Discharging
SCL322	116	'4026112_/_4026109'		10	10	10	3.28	10	10	0.29 Yes	3.28 Thermal Discharging
SCL322	117	'69597210_/_69597185'		10	10	10	3.28	10	10	0.29 Yes	3.28 Thermal Discharging
SCL322	118	'43431987_/_4025135_1'		3.33	3.33	3.33	1.09	1.2	3.33	0.1 Yes	1.09 Thermal Discharging
SCL322	119	'4026129_/_4026126'		10	10	10	3.28	10	10	0.29 Yes	3.28 Thermal Discharging
SCL322	120	'3955375_/_3955373'		3.33	3.33	3.33	1.09	1.2	3.33	0.1 Yes	1.09 Thermal Discharging
SCL322	121	'69597382_/_69597352'		10	10	10	3.28	10	10	0.29 Yes	3.28 Thermal Discharging
SCL322	122	'69597408_/_69597385'		10	10	10	3.28	10	10	0.29 Yes	3.28 Thermal Discharging
SCL322	123	'4025099_/_4025096'		10	10	10	3.28	10	10	0.29 Yes	3.28 Thermal Discharging
SCL322	124	'4025710_/_4025740'		10	10	10	3.28	3.7	10	0.29 Yes	3.28 Thermal Discharging
SCL322	125	'3719716_/_537496778'		10	10	10	3.28	10	10	0.29 Yes	3.28 Thermal Discharging
SCL322	126	'502087104_/_3719851_3'		10	10	10	3.28	10	10	0.29 Yes	3.28 Thermal Discharging
SCL322	127	'3719734_/_3719731_2'		3.33	3.33	3.33	1.09	3.33	3.33	0.1 Yes	1.09 Thermal Discharging
SCL322	128	'4025315_/_4026143'		10	10	10	3.28	10	10	0.29 Yes	3.28 Thermal Discharging
SCL322	129	'55689480_/_499139453'		10	10	10	3.28	10	10	0.29 Yes	3.28 Thermal Discharging
SCL322	130	'4025316_/_4025342_1'		3.33	3.33	3.33	1.09	1.2	3.33	0.1 Yes	1.09 Thermal Discharging
SCL322	131	'3719733_/_3719731_1'		3.33	3.33	3.33	1.09	1.2	3.33	0.1 Yes	1.09 Thermal Discharging
SCL322	132	'4025331_/_4025342_2'		3.33	3.33	3.33	1.09	1.2	3.33	0.1 Yes	1.09 Thermal Discharging
SCL322	133	'55689520_/_499139490'		10	10	10	3.28	10	10	0.29 Yes	3.28 Thermal Discharging
SCL322	134	'502087512_/_499139513_1'		10	10	10	3.28	10	10	0.29 Yes	3.28 Thermal Discharging
SCL322	135	'43430279_/_4022849'		3.33	3.33	3.33	1.09	1.23	3.33	0.1 Yes	1.09 Thermal Discharging
SCL322	136	'4025222_/_4025219'		3.33	3.33	3.33	1.09	1.23	3.33	0.1 Yes	1.09 Thermal Discharging
SCL322	137	'4024863_/_4025757'		10	10	10	3.28	3.7	10	0.29 Yes	3.28 Thermal Discharging
SCL322	138	'55689469_/_499139513_2'		10	10	10	3.28	10	10	0.29 Yes	3.28 Thermal Discharging
SCL322	139	'4025795_/_4026160'		10	10	10	3.28	10	10	0.29 Yes	3.28 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SCL322	140	'65000416_/4025148'	3.33		3.33	3.33	1.09	1.2	3.33	0.1 Yes	1.09 Thermal Discharging
SCL322	141	'499139548_/499139530'	10		10	10	3.28	10	10	0.29 Yes	3.28 Thermal Discharging
SCL322	142	'4025779_/43432046'	3.33		3.33	3.33	1.09	1.23	3.33	0.1 Yes	1.09 Thermal Discharging
SCL322	143	'4017172_/4017182'	3.33		3.33	3.33	1.09	1.2	3.33	0.1 Yes	1.09 Thermal Discharging
SCL322	144	'593150465_/7122393_1'	10		10	10	0.28	8.2	10	10 Yes	0.28 Thermal Discharging
SCL322	145	'499139547_/499139545'	10		10	10	3.28	10	10	0.29 Yes	3.28 Thermal Discharging
SCL322	146	'4025796_/4025793'	10		10	10	3.28	10	10	0.29 Yes	3.28 Thermal Discharging
SCL322	147	'129283718_/4025826_1'	3.33		3.33	3.33	1.09	1.2	3.33	0.1 Yes	1.09 Thermal Discharging
SCL322	148	'593149790_/7122393_2'	10		10	10	0.28	8.2	10	10 Yes	0.28 Thermal Discharging
SCL322	149	'499139567_/499139564'	10		10	10	3.28	10	10	0.29 Yes	3.28 Thermal Discharging
SCL322	150	'4024846_/4024860'	10		10	10	3.28	3.7	10	0.29 Yes	3.28 Thermal Discharging
SCL322	151	'43431880_/4025724'	3.33		3.33	3.33	1.09	1.23	3.33	0.1 Yes	1.09 Thermal Discharging
SCL322	152	'499139582_/499139579'	10		10	10	3.28	10	10	0.29 Yes	3.28 Thermal Discharging
SCL322	153	'759599052_/759599024_1'	3.33		3.33	3.33	1.09	1.2	3.33	0.1 Yes	1.09 Thermal Discharging
SCL322	154	'4025727_/7608899_1'	3.33		3.33	3.33	1.09	0.7	3.33	0.1 Yes	0.7 Element Fault
SCL322	155	'446155540_/3719868'	3.33		3.33	3.33	1.09	1.2	3.33	0.1 Yes	1.09 Thermal Discharging
SCL322	156	'502970130_/446155563_1'	3.33		3.33	3.33	1.09	0.7	3.33	0.1 Yes	0.7 Element Fault
SCL322	157	'3718112_/7122481'	10		10	10	3.28	10	10	0.29 Yes	3.28 Thermal Discharging
SCL322	158	'499139597_/499139594'	10		10	10	3.28	10	10	0.29 Yes	3.28 Thermal Discharging
SCL322	159	'4017197_/4017195'	3.33		3.33	3.33	1.09	1.23	3.33	0.1 Yes	1.09 Thermal Discharging
SCL322	160	'4025332_/4025329'	3.33		3.33	3.33	1.09	1.2	3.33	0.1 Yes	1.09 Thermal Discharging
SCL322	161	'43432011_/4025232'	3.33		3.33	3.33	1.09	1.23	3.33	0.1 Yes	1.09 Thermal Discharging
SCL322	162	'499139616_/499139613'	10		10	10	3.28	10	10	0.29 Yes	3.28 Thermal Discharging
SCL322	163	'64998720_/3718110_1'	10		10	10	3.28	10	10	0.29 Yes	3.28 Thermal Discharging
SCL322	164	'3718113_/3718110_2'	10		10	10	3.28	10	10	0.29 Yes	3.28 Thermal Discharging
SCL322	165	'64998739_/3718163_2'	3.33		3.33	3.33	1.09	2.6	3.33	0.1 Yes	1.09 Thermal Discharging
SCL322	166	'499139893_/499139890'	10		10	10	3.28	10	10	0.29 Yes	3.28 Thermal Discharging
SCL322	167	'499139908_/499139905'	10		10	10	3.28	10	10	0.29 Yes	3.28 Thermal Discharging
SCL322	168	'55139989_/593149796'	10		10	10	0.28	8.2	10	10 Yes	0.28 Thermal Discharging
SCL322	169	'3718149_/3718163_1'	3.33		3.33	3.33	1.09	1.2	3.33	0.1 Yes	1.09 Thermal Discharging
SCL322	170	'71031525_/43430314'	3.33		3.33	3.33	1.09	1.2	3.33	0.1 Yes	1.09 Thermal Discharging
SCL322	171	'4024845_/4024843'	10		10	10	3.28	3.7	10	0.29 Yes	3.28 Thermal Discharging
SCL322	172	'55667527_/446155563_2'	3.33		3.33	3.33	1.09	0.7	3.33	0.1 Yes	0.7 Element Fault
SCL322	173	'7293254_/7293251_2'	10		10	10	3.28	3.7	10	0.29 Yes	3.28 Thermal Discharging
SCL322	174	'499139927_/499139924'	10		10	10	3.28	10	10	0.29 Yes	3.28 Thermal Discharging
SCL322	175	'3718133_/3718130'	10		10	10	3.28	10	10	0.29 Yes	3.28 Thermal Discharging
SCL322	176	'55140005_/43371121_2'	3.33		3.33	3.33	0.09	2.73	3.33	3.33 Yes	0.09 Thermal Discharging
SCL322	177	'4025829_/4025826_2'	3.33		3.33	3.33	1.09	1.2	3.33	0.1 Yes	1.09 Thermal Discharging
SCL322	178	'499139946_/499139943'	10		10	10	3.28	10	10	0.29 Yes	3.28 Thermal Discharging
SCL322	179	'4025842_/4025839'	3.33		3.33	3.33	1.09	2.8	3.33	0.1 Yes	1.09 Thermal Discharging
SCL322	180	'64999181_/3718205_2'	3.33		3.33	3.33	1.09	3.33	3.33	0.1 Yes	1.09 Thermal Discharging
SCL322	181	'499139965_/499139962'	10		10	10	3.28	10	10	0.29 Yes	3.28 Thermal Discharging
SCL322	182	'4025248_/43432013'	3.33		3.33	3.33	1.09	1.23	3.33	0.1 Yes	1.09 Thermal Discharging
SCL322	183	'43371119_/43371121_1'	3.33		3.33	3.33	0.09	0.7	3.33	3.33 Yes	0.09 Thermal Discharging
SCL322	184	'499139984_/499139981'	10		10	10	3.28	10	10	0.29 Yes	3.28 Thermal Discharging
SCL322	185	'53430393_/53430400'	3.33		3.33	3.33	1.09	1.2	3.33	0.1 Yes	1.09 Thermal Discharging
SCL322	186	'55689575_/3718411'	10		10	10	3.28	10	10	0.29 Yes	3.28 Thermal Discharging
SCL322	187	'499140003_/499140000'	10		10	10	3.28	10	10	0.29 Yes	3.28 Thermal Discharging
SCL322	188	'65000214_/3718147'	3.33		3.33	3.33	1.09	1.2	3.33	0.1 Yes	1.09 Thermal Discharging
SCL322	189	'499140022_/499140019'	10		10	10	3.28	10	10	0.29 Yes	3.28 Thermal Discharging
SCL322	190	'4017146_/4017156'	3.33		3.33	3.33	1.09	1.2	3.33	0.1 Yes	1.09 Thermal Discharging
SCL322	191	'3709792_/499140038'	10		10	10	3.28	10	10	0.29 Yes	3.28 Thermal Discharging
SCL322	192	'7608885_/7608899_2'	3.33		3.33	3.33	1.09	0.7	3.33	0.1 Yes	0.7 Element Fault
SCL322	193	'55667624_/55667657'	3.33		3.33	3.33	1.09	0.7	3.33	0.1 Yes	0.7 Element Fault
SCL322	194	'3718274_/3718272'	10		10	10	3.28	10	10	0.29 Yes	3.28 Thermal Discharging
SCL322	195	'157463455_/499140057'	10		10	10	3.28	10	10	0.29 Yes	3.28 Thermal Discharging
SCL322	196	'43431867_/43431869'	10		10	10	3.28	3.7	10	0.29 Yes	3.28 Thermal Discharging
SCL322	197	'3709921_/3709919_2'	3.33		3.33	3.33	1.09	3.33	3.33	0.1 Yes	1.09 Thermal Discharging
SCL322	198	'43432022_/4025258'	3.33		3.33	3.33	1.09	1.23	3.33	0.1 Yes	1.09 Thermal Discharging
SCL322	199	'3718044_/3718205_1'	3.33		3.33	3.33	1.09	1.2	3.33	0.1 Yes	1.09 Thermal Discharging
SCL322	200	'3718150_/65000216'	3.33		3.33	3.33	1.09	1.2	3.33	0.1 Yes	1.09 Thermal Discharging
SCL322	201	'499140108_/499140105'	10		10	10	3.28	10	10	0.29 Yes	3.28 Thermal Discharging
SCL322	202	'157464319_/499140128'	10		10	10	3.28	10	10	0.29 Yes	3.28 Thermal Discharging
SCL322	203	'55667495_/55667630'	3.33		3.33	3.33	1.09	0.7	3.33	0.1 Yes	0.7 Element Fault
SCL322	204	'157464377_/499140167'	10		10	10	3.28	10	10	0.29 Yes	3.28 Thermal Discharging
SCL322	205	'43371130_/3718467'	3.33		3.33	3.33	0.09	0.7	3.33	3.33 Yes	0.09 Thermal Discharging
SCL322	206	'55689583_/3718306'	10		10	10	3.28	10	10	0.29 Yes	3.28 Thermal Discharging
SCL322	207	'157464750_/499140198'	10		10	10	3.28	10	10	0.29 Yes	3.28 Thermal Discharging
SCL322	208	'43367552_/499140233'	10		10	10	3.28	10	10	0.29 Yes	3.28 Thermal Discharging
SCL322	209	'43367539_/499140575'	10		10	10	3.28	10	10	0.29 Yes	3.28 Thermal Discharging
SCL322	210	'7293253_/7293251_1'	10		10	10	3.28	2.3	10	0.29 Yes	2.3 Element Fault
SCL322	211	'55689595_/3718323'	10		10	10	3.28	10	10	0.29 Yes	3.28 Thermal Discharging
SCL322	212	'499140589_/499140586'	10		10	10	3.28	10	10	0.29 Yes	3.28 Thermal Discharging
SCL322	213	'593149839_/53464962'	10		10	10	0.28	8.2	10	10 Yes	0.28 Thermal Discharging
SCL322	214	'593150349_/593150211_1'	10		10	10	0.28	8.2	10	10 Yes	0.28 Thermal Discharging
SCL322	215	'593150431_/593150211_2'	10		10	10	0.28	8.2	10	10 Yes	0.28 Thermal Discharging
SCL322	216	'593150448_/593150085_1'	10		10	10	0.28	8.2	10	10 Yes	0.28 Thermal Discharging
SCL322	217	'4017130_/4017143'	3.33		3.33	3.33	1.09	1.2	3.33	0.1 Yes	1.09 Thermal Discharging
SCL322	218	'499140604_/499140601'	10		10	10	3.28	10	10	0.29 Yes	3.28 Thermal Discharging
SCL322	219	'590524207_/499308741_2'	3.33		3.33	3.33	1.09	3.33	3.33	0.1 Yes	1.09 Thermal Discharging
SCL322	220	'3718380_/3718377'	10		10	10	3.28	10	10	0.29 Yes	3.28 Thermal Discharging
SCL322	221	'53430421_/53430423'	3.33		3.33	3.33	1.09	1.2	3.33	0.1 Yes	1.09 Thermal Discharging
SCL322	222	'4024879_/4024877'	10		10	10	3.28	2.2	10	0.29 Yes	2.2 Element Fault
SCL322	223	'3718045_/3718042'	3.33		3.33	3.33	1.09	1.2	3.33	0.1 Yes	1.09 Thermal Discharging
SCL322	224	'499140623_/499140620'	10		10	10	3.28	10	10	0.29 Yes	3.28 Thermal Discharging
SCL322	225	'4025274_/43432024'	3.33		3.33	3.33	1.09	1.23	3.33	0.1 Yes	1.09 Thermal Discharging
SCL322	226	'499308710_/499308741_1'	3.33		3.33	3.33	1.09	1.2	3.33	0.1 Yes	1.09 Thermal Discharging
SCL322	227	'141681078_/499140639'	10		10	10	3.28	10	10	0.29 Yes	3.28 Thermal Discharging
SCL322	228	'593149856_/593149843'	10		10	10	0.28	7.9	10	10 Yes	0.28 Thermal Discharging
SCL322	229	'43371433_/3719597'	3.33		3.33	3.33	0.09	0.7	3.33	3.33 Yes	0.09 Thermal Discharging
SCL322	230	'3710014_/3709919_1'	3.33		3.33	3.33	1.09	1.2	3.33	0.1 Yes	1.09 Thermal Discharging
SCL322	231	'3718583_/3719881'	10		10	10	3.28	10	10	0.29 Yes	3.28 Thermal Discharging
SCL322	232	'499140661_/499140658'	10		10	10	3.28	10	10	0.29 Yes	3.28 Thermal Discharging
SCL322	233	'718853414_/718853400_1'	3.33		3.33	3.33	1.09	1.2	3.33	0.1 Yes	1.09 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SCL322	234	'537497536_/3709877_2'	3.33		3.33	3.33	1.09	3.33	3.33	0.1 Yes	1.09 Thermal Discharging
SCL322	235	'499140680_/499140677'	10		10	10	3.28	10	10	0.29 Yes	3.28 Thermal Discharging
SCL322	236	'53464903_/593149860'	10		10	10	0.28	7.9	10	10 Yes	0.28 Thermal Discharging
SCL322	237	'3718584_/3718581'	10		10	10	3.28	10	10	0.29 Yes	3.28 Thermal Discharging
SCL322	238	'7483803_/7483800'	10		10	10	3.28	2.3	10	0.29 Yes	2.3 Element Fault
SCL322	239	'7931259_/8871559'	10		10	10	3.28	2.2	10	0.29 Yes	2.2 Element Fault
SCL322	240	'3709998_/499140696'	10		10	10	3.28	10	10	0.29 Yes	3.28 Thermal Discharging
SCL322	241	'4017129_/4017127'	3.33		3.33	3.33	1.09	1.2	3.33	0.1 Yes	1.09 Thermal Discharging
SCL322	242	'157605223_/3710038_1'	3.33		3.33	3.33	1.09	1.2	3.33	0.1 Yes	1.09 Thermal Discharging
SCL322	243	'7608886_/7608883'	3.33		3.33	3.33	1.09	0.7	3.33	0.1 Yes	0.7 Element Fault
SCL322	244	'43371044_/3718058'	3.33		3.33	3.33	1.09	1.2	3.33	0.1 Yes	1.09 Thermal Discharging
SCL322	245	'499140718_/499140715'	10		10	10	3.28	10	10	0.29 Yes	3.28 Thermal Discharging
SCL322	246	'43432033_/4025284'	3.33		3.33	3.33	1.09	1.23	3.33	0.1 Yes	1.09 Thermal Discharging
SCL322	247	'55139946_/55139883'	3.33		3.33	3.33	0.09	2.63	3.33	3.33 Yes	0.09 Thermal Discharging
SCL322	248	'3710144_/499140734'	10		10	10	3.28	10	10	0.29 Yes	3.28 Thermal Discharging
SCL322	249	'3718601_/3718598'	10		10	10	3.28	10	10	0.29 Yes	3.28 Thermal Discharging
SCL322	250	'56019527_/3718897_1'	10		10	10	3.28	10	10	0.29 Yes	3.28 Thermal Discharging
SCL322	251	'3710128_/43367668_1'	3.33		3.33	3.33	1.09	1.2	3.33	0.1 Yes	1.09 Thermal Discharging
SCL322	252	'120752694_/499140761'	10		10	10	3.28	10	10	0.29 Yes	3.28 Thermal Discharging
SCL322	253	'3719612_/3719610'	3.33		3.33	3.33	0.09	0.7	3.33	3.33 Yes	0.09 Thermal Discharging
SCL322	254	'7741301_/9061145'	10		10	10	3.28	2.3	10	0.29 Yes	2.3 Element Fault
SCL322	255	'3718618_/3718628_1'	3.33		3.33	3.33	1.09	1.2	3.33	0.1 Yes	1.09 Thermal Discharging
SCL322	256	'120753299_/499140782'	10		10	10	3.28	10	10	0.29 Yes	3.28 Thermal Discharging
SCL322	257	'3710115_/499140805'	10		10	10	3.28	10	10	0.29 Yes	3.28 Thermal Discharging
SCL322	258	'3718900_/3718897_2'	10		10	10	3.28	10	10	0.29 Yes	3.28 Thermal Discharging
SCL322	259	'157605229_/3710038_2'	3.33		3.33	3.33	1.09	1.2	3.33	0.1 Yes	1.09 Thermal Discharging
SCL322	260	'499307083_/499307080'	10		10	10	3.28	10	10	0.29 Yes	3.28 Thermal Discharging
SCL322	261	'157661307_/43367668_2'	3.33		3.33	3.33	1.09	1.2	3.33	0.1 Yes	1.09 Thermal Discharging
SCL322	262	'43367598_/3709877_1'	3.33		3.33	3.33	1.09	1.8	3.33	0.1 Yes	1.09 Thermal Discharging
SCL322	263	'120753212_/499307105'	10		10	10	3.28	10	10	0.29 Yes	3.28 Thermal Discharging
SCL322	264	'3719783_/3719780'	10		10	10	3.28	10	10	0.29 Yes	3.28 Thermal Discharging
SCL322	265	'503559589_/484032277_1'	10		10	10	3.28	5.6	10	0.29 Yes	3.28 Thermal Discharging
SCL322	266	'593331644_/499307124'	10		10	10	3.28	10	10	0.29 Yes	3.28 Thermal Discharging
SCL322	267	'53319184_/53319191'	3.33		3.33	3.33	1.09	1.2	3.33	0.1 Yes	1.09 Thermal Discharging
SCL322	268	'593331861_/593331847'	10		10	10	3.28	10	10	0.29 Yes	3.28 Thermal Discharging
SCL322	269	'43371444_/43371446'	10		10	10	3.28	10	10	0.29 Yes	3.28 Thermal Discharging
SCL322	270	'484032280_/484032277_2'	10		10	10	3.28	5.6	10	0.29 Yes	3.28 Thermal Discharging
SCL322	271	'502087095_/3719851_1'	10		10	10	3.28	10	10	0.29 Yes	3.28 Thermal Discharging
SCL322	272	'7741302_/7741299'	10		10	10	3.28	2.3	10	0.29 Yes	2.3 Element Fault
SCL322	273	'590523813_/593331648_1'	10		10	10	3.28	10	10	0.29 Yes	3.28 Thermal Discharging
SCL322	274	'3718934_/3719797'	10		10	10	3.28	10	10	0.29 Yes	3.28 Thermal Discharging
SCL322	275	'593331957_/593331775_2'	10		10	10	3.28	10	10	0.29 Yes	3.28 Thermal Discharging
SCL322	276	'44073175_/593331648_2'	10		10	10	3.28	10	10	0.29 Yes	3.28 Thermal Discharging
SCL322	277	'8242863_/8242860'	3.33		3.33	3.33	1.09	0.7	3.33	0.1 Yes	0.7 Element Fault
SCL322	278	'484032298_/484032295'	10		10	10	3.28	5.6	10	0.29 Yes	3.28 Thermal Discharging
SCL322	279	'593331778_/593331775_1'	10		10	10	0	10	10	10 Yes	0 Thermal Discharging
SCL322	280	'503559340_/484032319_1'	10		10	10	3.28	3.6	10	0.29 Yes	3.28 Thermal Discharging
SCL322	281	'3718074_/43371046'	3.33		3.33	3.33	1.09	1.2	3.33	0.1 Yes	1.09 Thermal Discharging
SCL322	282	'503559930_/484032319_2'	10		10	10	3.28	3.6	10	0.29 Yes	3.28 Thermal Discharging
SCL322	283	'484032383_/484032380'	10		10	10	3.28	5.6	10	0.29 Yes	3.28 Thermal Discharging
SCL322	284	'484032322_/484032319_3'	10		10	10	3.28	3.6	10	0.29 Yes	3.28 Thermal Discharging
SCL322	285	'503559310_/484032337_1'	10		10	10	3.28	3.6	10	0.29 Yes	3.28 Thermal Discharging
SCL322	286	'503559350_/484032404_1'	10		10	10	3.28	3.6	10	0.29 Yes	3.28 Thermal Discharging
SCL322	287	'503559943_/484032404_2'	10		10	10	3.28	3.6	10	0.29 Yes	3.28 Thermal Discharging
SCL322	288	'3718846_/3718931'	10		10	10	3.28	10	10	0.29 Yes	3.28 Thermal Discharging
SCL322	289	'503558672_/503558669'	10		10	10	3.28	5.6	10	0.29 Yes	3.28 Thermal Discharging
SCL322	290	'112146938_/112146983'	3.33		3.33	3.33	1.09	3.33	3.33	0.1 Yes	1.09 Thermal Discharging
SCL322	291	'484032407_/484032404_3'	10		10	10	3.28	3.6	10	0.29 Yes	3.28 Thermal Discharging
SCL322	292	'484032340_/484032337_2'	10		10	10	3.28	3.6	10	0.29 Yes	3.28 Thermal Discharging
SCL322	293	'503559320_/484032422_1'	10		10	10	3.28	3.6	10	0.29 Yes	3.28 Thermal Discharging
SCL322	294	'503559360_/503558693_1'	10		10	10	3.28	3.6	10	0.29 Yes	3.28 Thermal Discharging
SCL322	295	'503558755_/503558752'	10		10	10	3.28	5.6	10	0.29 Yes	3.28 Thermal Discharging
SCL322	296	'503559956_/503558693_2'	10		10	10	3.28	3.6	10	0.29 Yes	3.28 Thermal Discharging
SCL322	297	'112146949_/3710086_1'	3.33		3.33	3.33	1.09	1.2	3.33	0.1 Yes	1.09 Thermal Discharging
SCL322	298	'503559384_/503558776_1'	10		10	10	3.28	3.6	10	0.29 Yes	3.28 Thermal Discharging
SCL322	299	'43367565_/3710012'	3.33		3.33	3.33	1.09	1.2	3.33	0.1 Yes	1.09 Thermal Discharging
SCL322	300	'503558629_/484032422_2'	10		10	10	3.28	3.6	10	0.29 Yes	3.28 Thermal Discharging
SCL322	301	'503558696_/503558693_3'	10		10	10	3.28	3.6	10	0.29 Yes	3.28 Thermal Discharging
SCL322	302	'503559330_/503558709_1'	10		10	10	3.28	3.6	10	0.29 Yes	3.28 Thermal Discharging
SCL322	303	'499307146_/499307143'	10		10	10	3.28	10	10	0.29 Yes	3.28 Thermal Discharging
SCL322	304	'503558840_/503558837'	10		10	10	3.28	5.6	10	0.29 Yes	3.28 Thermal Discharging
SCL322	305	'503559969_/503558776_2'	10		10	10	3.28	3.6	10	0.29 Yes	3.28 Thermal Discharging
SCL322	306	'503559408_/503558861_1'	10		10	10	3.28	3.6	10	0.29 Yes	3.28 Thermal Discharging
SCL322	307	'503558779_/503558776_3'	10		10	10	3.28	3.6	10	0.29 Yes	3.28 Thermal Discharging
SCL322	308	'503559374_/503558794_1'	10		10	10	3.28	3.6	10	0.29 Yes	3.28 Thermal Discharging
SCL322	309	'503558712_/503558709_2'	10		10	10	3.28	3.6	10	0.29 Yes	3.28 Thermal Discharging
SCL322	310	'3718736_/3718843'	10		10	10	3.28	10	10	0.29 Yes	3.28 Thermal Discharging
SCL322	311	'568543493_/593331803_1'	10		10	10	0	10	10	10 Yes	0 Thermal Discharging
SCL322	312	'503559982_/503558861_2'	10		10	10	3.28	3.6	10	0.29 Yes	3.28 Thermal Discharging
SCL322	313	'503558864_/503558861_3'	10		10	10	3.28	3.6	10	0.29 Yes	3.28 Thermal Discharging
SCL322	314	'593331806_/593331803_2'	10		10	10	0	10	10	10 Yes	0 Thermal Discharging
SCL322	315	'503559398_/503558879_1'	10		10	10	3.28	3.6	10	0.29 Yes	3.28 Thermal Discharging
SCL322	316	'503558797_/503558794_2'	10		10	10	3.28	3.6	10	0.29 Yes	3.28 Thermal Discharging
SCL322	317	'7931258_/7931256'	6.67		6.67	6.67	2.18	1.47	6.67	0.19 Yes	1.47 Element Fault
SCL322	318	'503558882_/503558879_2'	10		10	10	3.28	3.6	10	0.29 Yes	3.28 Thermal Discharging
SCL322	319	'593331824_/593331821'	10		10	10	0	10	10	10 Yes	0 Thermal Discharging
SCL322	320	'3718720_/3718717_2'	3.33		3.33	3.33	1.09	2.8	3.33	0.1 Yes	1.09 Thermal Discharging
SCL322	321	'3718812_/3718809'	10		10	10	3.28	10	10	0.29 Yes	3.28 Thermal Discharging
SCL322	322	'499307165_/499307162'	10		10	10	3.28	10	10	0.29 Yes	3.28 Thermal Discharging
SCL322	323	'43432038_/43432035'	3.33		3.33	3.33	1.09	1.23	3.33	0.1 Yes	1.09 Thermal Discharging
SCL322	324	'8872710_/8872707'	3.33		3.33	3.33	1.09	0.73	3.33	0.1 Yes	0.73 Element Fault
SCL322	325	'43371200_/3718826'	10		10	10	3.28	10	10	0.29 Yes	3.28 Thermal Discharging
SCL322	326	'568543422_/568543479_1'	10		10	10	0	10	10	10 Yes	0 Thermal Discharging
SCL322	327	'568543098_/568543479_2'	10		10	10	0	10	10	10 Yes	0 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over- Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SCL322	328	'568543097_/_568542840'		10	10	10	0	10	10	Yes	0 Thermal Discharging
SCL322	329	'120753023_/_499307181'		10	10	10	3.28	10	10	0.29	Yes 3.28 Thermal Discharging
SCL322	330	'3718863_/_3718860'		10	10	10	3.28	10	10	0.29	Yes 3.28 Thermal Discharging
SCL322	331	'586085261_/_499307556'		10	10	10	3.28	10	10	0.29	Yes 3.28 Thermal Discharging
SCL322	332	'53464897_/_55139907'	3.33		3.33	3.33	0.09	2.63	3.33	3.33	Yes 0.09 Thermal Discharging
SCL322	333	'550018024_/_550017731_1'		10	10	10	0.44	10	10	10	Yes 0.44 Thermal Discharging
SCL322	334	'7273407_/_499308716'	3.33		3.33	3.33	1.09	1.2	3.33	0.1	Yes 1.09 Thermal Discharging
SCL322	335	'8871526_/_8871523'	3.33		3.33	3.33	1.09	0.73	3.33	0.1	Yes 0.73 Element Fault
SCL322	336	'499307559_/_586085265'		10	10	10	3.28	10	10	0.29	Yes 3.28 Thermal Discharging
SCL322	337	'3718748_/_3718877'		10	10	10	3.28	10	10	0.29	Yes 3.28 Thermal Discharging
SCL322	338	'55139967_/_53464911'		10	10	10	0.28	7.9	10	10	Yes 0.28 Thermal Discharging
SCL322	339	'550017989_/_550017731_2'		10	10	10	0.44	10	10	10	Yes 0.44 Thermal Discharging
SCL322	340	'3718749_/_3718759_1'	3.33		3.33	3.33	1.09	1.2	3.33	0.1	Yes 1.09 Thermal Discharging
SCL322	341	'550018014_/_550017774_1'		10	10	10	0.44	10	10	10	Yes 0.44 Thermal Discharging
SCL322	342	'499307574_/_499307571'		10	10	10	3.28	10	10	0.29	Yes 3.28 Thermal Discharging
SCL322	343	'120752945_/_463645364_1'		10	10	10	3.28	10	10	0.29	Yes 3.28 Thermal Discharging
SCL322	344	'43371213_/_3718775'		10	10	10	3.28	10	10	0.29	Yes 3.28 Thermal Discharging
SCL322	345	'463646876_/_463645364_2'		10	10	10	3.28	10	10	0.29	Yes 3.28 Thermal Discharging
SCL322	346	'3710127_/_157661311'	3.33		3.33	3.33	1.09	1.2	3.33	0.1	Yes 1.09 Thermal Discharging
SCL322	347	'3718087_/_3718084'	3.33		3.33	3.33	1.09	1.2	3.33	0.1	Yes 1.09 Thermal Discharging
SCL322	348	'3710404_/_499307608'		10	10	10	3.28	10	10	0.29	Yes 3.28 Thermal Discharging
SCL322	349	'3718794_/_3718792'		10	10	10	3.28	10	10	0.29	Yes 3.28 Thermal Discharging
SCL322	350	'3718631_/_3718628_2'	3.33		3.33	3.33	1.09	1.2	3.33	0.1	Yes 1.09 Thermal Discharging
SCL322	351	'593150069_/_593150085_2'		10	10	10	0.28	8.2	10	10	Yes 0.28 Thermal Discharging
SCL322	352	'157661926_/_44055640_1'	3.33		3.33	3.33	1.09	1.2	3.33	0.1	Yes 1.09 Thermal Discharging
SCL322	353	'43367644_/_3710086_2'	3.33		3.33	3.33	1.09	1.2	3.33	0.1	Yes 1.09 Thermal Discharging
SCL322	354	'3719209_/_3719482'		10	10	10	3.28	10	10	0.29	Yes 3.28 Thermal Discharging
SCL322	355	'499307622_/_499307619'		10	10	10	3.28	10	10	0.29	Yes 3.28 Thermal Discharging
SCL322	356	'3719360_/_3719374'		10	10	10	3.28	10	10	0.29	Yes 3.28 Thermal Discharging
SCL322	357	'3719196_/_3719193_2'	3.33		3.33	3.33	1.09	2.8	3.33	0.1	Yes 1.09 Thermal Discharging
SCL322	358	'110424515_/_110424520'		10	10	10	3.28	2.3	10	0.29	Yes 2.3 Element Fault
SCL322	359	'718853325_/_718853400_2'	3.33		3.33	3.33	1.09	1.2	3.33	0.1	Yes 1.09 Thermal Discharging
SCL322	360	'593150103_/_593150119'		10	10	10	0.28	8.2	10	10	Yes 0.28 Thermal Discharging
SCL322	361	'499307641_/_499307638'		10	10	10	3.28	10	10	0.29	Yes 3.28 Thermal Discharging
SCL322	362	'3719222_/_3719230_1'	3.33		3.33	3.33	1.09	1.2	3.33	0.1	Yes 1.09 Thermal Discharging
SCL322	363	'43371338_/_3719357'		10	10	10	3.28	10	10	0.29	Yes 3.28 Thermal Discharging
SCL322	364	'759599008_/_759599024_2'	3.33		3.33	3.33	1.09	1.2	3.33	0.1	Yes 1.09 Thermal Discharging
SCL322	365	'157653408_/_157605233'	3.33		3.33	3.33	1.09	1.2	3.33	0.1	Yes 1.09 Thermal Discharging
SCL322	366	'499307668_/_499307665'		10	10	10	3.28	10	10	0.29	Yes 3.28 Thermal Discharging
SCL322	367	'3718100_/_3718097'	3.33		3.33	3.33	1.09	1.2	3.33	0.1	Yes 1.09 Thermal Discharging
SCL322	368	'3719136_/_3719340'		10	10	10	3.28	10	10	0.29	Yes 3.28 Thermal Discharging
SCL322	369	'157512314_/_499307692'		10	10	10	3.28	10	10	0.29	Yes 3.28 Thermal Discharging
SCL322	370	'44055638_/_44055640_2'	3.33		3.33	3.33	1.09	1.2	3.33	0.1	Yes 1.09 Thermal Discharging
SCL322	371	'3719123_/_3719120_2'	3.33		3.33	3.33	1.09	2.8	3.33	0.1	Yes 1.09 Thermal Discharging
SCL322	372	'43371189_/_3718759_2'	3.33		3.33	3.33	1.09	1.2	3.33	0.1	Yes 1.09 Thermal Discharging
SCL322	373	'3719149_/_3719157_1'	3.33		3.33	3.33	1.09	1.2	3.33	0.1	Yes 1.09 Thermal Discharging
SCL322	374	'3719309_/_3719323'		10	10	10	3.28	10	10	0.29	Yes 3.28 Thermal Discharging
SCL322	375	'499307706_/_499307703'		10	10	10	3.28	10	10	0.29	Yes 3.28 Thermal Discharging
SCL322	376	'3719109_/_3719306'		10	10	10	3.28	10	10	0.29	Yes 3.28 Thermal Discharging
SCL322	377	'3718719_/_3718717_1'	3.33		3.33	3.33	1.09	1.2	3.33	0.1	Yes 1.09 Thermal Discharging
SCL322	378	'3719094_/_3719091_2'	3.33		3.33	3.33	1.09	2.8	3.33	0.1	Yes 1.09 Thermal Discharging
SCL322	379	'499307725_/_499307722'		10	10	10	3.28	10	10	0.29	Yes 3.28 Thermal Discharging
SCL322	380	'9499299_/_9499296'	3.33		3.33	3.33	1.09	0.73	3.33	0.1	Yes 0.73 Element Fault
SCL322	381	'43371281_/_3719266'		10	10	10	3.28	10	10	0.29	Yes 3.28 Thermal Discharging
SCL322	382	'53319271_/_53319278'	3.33		3.33	3.33	1.09	1.2	3.33	0.1	Yes 1.09 Thermal Discharging
SCL322	383	'44055650_/_44055652'	3.33		3.33	3.33	1.09	1.2	3.33	0.1	Yes 1.09 Thermal Discharging
SCL322	384	'157531530_/_499307741'		10	10	10	3.28	10	10	0.28	Yes 3.28 Thermal Discharging
SCL322	385	'112146728_/_3710099'	3.33		3.33	3.33	1.09	1.2	3.33	0.1	Yes 1.09 Thermal Discharging
SCL322	386	'3719081_/_3719193_1'	3.33		3.33	3.33	1.09	1.2	3.33	0.1	Yes 1.09 Thermal Discharging
SCL322	387	'43371295_/_43371283'		10	10	10	3.28	10	10	0.29	Yes 3.28 Thermal Discharging
SCL322	388	'51832960_/_51832999'	6.67		6.67	6.67	2.18	1.53	6.67	0.19	Yes 1.53 Element Fault
SCL322	389	'3719447_/_3719445_1'		10	10	10	3.28	10	10	0.29	Yes 3.28 Thermal Discharging
SCL322	390	'499307769_/_499307766'		10	10	10	3.28	10	10	0.28	Yes 3.28 Thermal Discharging
SCL322	391	'3719427_/_3719445_2'		10	10	10	3.28	10	10	0.29	Yes 3.28 Thermal Discharging
SCL322	392	'3710340_/_499307793'		10	10	10	3.28	10	10	0.28	Yes 3.28 Thermal Discharging
SCL322	393	'3719393_/_3719425'		10	10	10	3.28	10	10	0.29	Yes 3.28 Thermal Discharging
SCL322	394	'43371318_/_3719157_2'	3.33		3.33	3.33	1.09	1.2	3.33	0.1	Yes 1.09 Thermal Discharging
SCL322	395	'3718647_/_3718644'	3.33		3.33	3.33	1.09	1.2	3.33	0.1	Yes 1.09 Thermal Discharging
SCL322	396	'586085001_/_550017774_2'		10	10	10	0.44	10	10	10	Yes 0.44 Thermal Discharging
SCL322	397	'593150137_/_593150153'		10	10	10	0.28	8.2	10	10	Yes 0.28 Thermal Discharging
SCL322	398	'51832997_/_104778838'		10	10	10	3.28	2.3	10	0.29	Yes 2.3 Element Fault
SCL322	399	'3710326_/_3710324_1'	3.33		3.33	3.33	1.09	1.2	3.33	0.09	Yes 1.09 Thermal Discharging
SCL322	400	'157522668_/_499307820'		10	10	10	3.28	10	10	0.28	Yes 3.28 Thermal Discharging
SCL322	401	'3719394_/_3719391'		10	10	10	3.28	10	10	0.29	Yes 3.28 Thermal Discharging
SCL322	402	'211548798_/_68195711_1'	3.33		3.33	3.33	1.09	0.2	3.33	0.09	Yes 0.2 Element Fault
SCL322	403	'618711514_/_618711518'		10	10	10	3.28	10	10	0.28	Yes 3.28 Thermal Discharging
SCL322	404	'43371328_/_3719230_2'	3.33		3.33	3.33	1.09	1.2	3.33	0.1	Yes 1.09 Thermal Discharging
SCL322	405	'43371351_/_3719408'		10	10	10	3.28	10	10	0.29	Yes 3.28 Thermal Discharging
SCL322	406	'55140038_/_55139762_2'		10	10	10	0.28	7.9	10	10	Yes 0.28 Thermal Discharging
SCL322	407	'8445517_/_9503758'	3.33		3.33	3.33	1.09	0.73	3.33	0.1	Yes 0.73 Element Fault
SCL322	408	'499307838_/_499307835'		10	10	10	3.28	10	10	0.28	Yes 3.28 Thermal Discharging
SCL322	409	'632875289_/_618711600_3'		10	10	10	3.28	10	10	0.28	Yes 3.28 Thermal Discharging
SCL322	410	'157524506_/_68195711_2'	3.33		3.33	3.33	1.09	0.2	3.33	0.09	Yes 0.2 Element Fault
SCL322	411	'586085015_/_550017808'		10	10	10	0.44	10	10	10	Yes 0.44 Thermal Discharging
SCL322	412	'3719289_/_43371353'		10	10	10	3.28	10	10	0.29	Yes 3.28 Thermal Discharging
SCL322	413	'323018561_/_3709733_1'	3.33		3.33	3.33	0.09	0.7	3.33	3.33	Yes 0.09 Thermal Discharging
SCL322	414	'499307857_/_499307854'		10	10	10	3.28	10	10	0.28	Yes 3.28 Thermal Discharging
SCL322	415	'632875276_/_618711600_2'		10	10	10	0	10	10	10	Yes 0 Thermal Discharging
SCL322	416	'3719042_/_3719120_1'	3.33		3.33	3.33	1.09	1.2	3.33	0.1	Yes 1.09 Thermal Discharging
SCL322	417	'43367677_/_43367679'	3.33		3.33	3.33	1.09	1.2	3.33	0.1	Yes 1.09 Thermal Discharging
SCL322	418	'55422743_/_8445515'	3.33		3.33	3.33	1.09	0.73	3.33	0.1	Yes 0.73 Element Fault
SCL322	419	'211553376_/_3710324_2'	3.33		3.33	3.33	1.09	1.2	3.33	0.09	Yes 1.09 Thermal Discharging
SCL322	420	'499307876_/_499307873'		10	10	10	3.28	10	10	0.28	Yes 3.28 Thermal Discharging
SCL322	421	'8426865_/_51832962'		10	10	10	3.28	2.3	10	0.29	Yes 2.3 Element Fault

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SCL322	422	'157535871_/499308109'		10	10	10	3.28	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	423	'3719579_/3719577'		10	10	10	3.28	10	10	0.29 Yes	3.28 Thermal Discharging
SCL322	424	'7273408_/7273405'	3.33	3.33	3.33	1.09	1.2	3.33	3.33	0.1 Yes	1.09 Thermal Discharging
SCL322	425	'3715247_/3719915'		10	10	10	3.28	10	10	0.29 Yes	3.28 Thermal Discharging
SCL322	426	'568543001_/568542923'		10	10	10	0	10	10	0 Yes	0 Thermal Discharging
SCL322	427	'3710517_/499308256'		10	10	10	3.28	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	428	'3718660_/3718657'	3.33	3.33	3.33	1.09	1.2	3.33	3.33	0.1 Yes	1.09 Thermal Discharging
SCL322	429	'3710041_/157653410'	3.33	3.33	3.33	1.09	1.2	3.33	3.33	0.1 Yes	1.09 Thermal Discharging
SCL322	430	'8242925_/9188379'	3.33	3.33	3.33	1.09	0.73	3.33	3.33	0.1 Yes	0.73 Element Fault
SCL322	431	'590524247_/499308816_2'	3.33	3.33	3.33	1.09	3.33	3.33	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	432	'43367576_/3709835'	3.33	3.33	3.33	1.09	1.2	3.33	3.33	0.1 Yes	1.09 Thermal Discharging
SCL322	433	'7499594_/8441746'	10	10	10	3.28	2.3	10	10	0.29 Yes	2.3 Element Fault
SCL322	434	'157534885_/499308279'	10	10	10	3.28	10	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	435	'499308787_/499308816_1'	3.33	3.33	3.33	1.09	1.2	3.33	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	436	'3710499_/499308290'	10	10	10	3.28	10	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	437	'157530162_/3710534_1'	3.33	3.33	3.33	1.09	1.2	3.33	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	438	'3709682_/55139762_1'	10	10	10	0.28	7.9	10	10	10 Yes	0.28 Thermal Discharging
SCL322	439	'593331873_/593331889'	10	10	10	0	10	10	10	10 Yes	0 Thermal Discharging
SCL322	440	'154948711_/499308309'	10	10	10	3.28	10	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	441	'567250114_/567250022_1'	10	10	10	0.09	10	10	10	10 Yes	0.09 Thermal Discharging
SCL322	442	'3715230_/3715244'	10	10	10	3.28	10	10	10	0.29 Yes	3.28 Thermal Discharging
SCL322	443	'548178291_/548178278'	10	10	10	3.28	10	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	444	'567250106_/567250022_2'	10	10	10	0.09	10	10	10	10 Yes	0.09 Thermal Discharging
SCL322	445	'3710057_/3710070'	3.33	3.33	3.33	1.09	1.2	3.33	3.33	0.1 Yes	1.09 Thermal Discharging
SCL322	446	'567249995_/548178248_1'	10	10	10	0.09	10	10	10	10 Yes	0.09 Thermal Discharging
SCL322	447	'499308331_/499308328'	10	10	10	3.28	10	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	448	'8758607_/3710054_2'	3.33	3.33	3.33	1.09	1.2	3.33	3.33	0.1 Yes	1.09 Thermal Discharging
SCL322	449	'43371270_/43371272'	3.33	3.33	3.33	1.09	1.2	3.33	3.33	0.1 Yes	1.09 Thermal Discharging
SCL322	450	'3710550_/3710534_2'	3.33	3.33	3.33	1.09	1.2	3.33	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	451	'7589140_/7589137_2'	3.33	3.33	3.33	1.09	1.2	3.33	3.33	0.1 Yes	1.09 Thermal Discharging
SCL322	452	'53319402_/53319409'	3.33	3.33	3.33	1.09	1.2	3.33	3.33	0.1 Yes	1.09 Thermal Discharging
SCL322	453	'43371237_/3719091_1'	3.33	3.33	3.33	1.09	1.2	3.33	3.33	0.1 Yes	1.09 Thermal Discharging
SCL322	454	'499308350_/499308347'	10	10	10	3.28	10	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	455	'43371308_/3719171'	3.33	3.33	3.33	1.09	1.2	3.33	3.33	0.1 Yes	1.09 Thermal Discharging
SCL322	456	'43371248_/3719039'	3.33	3.33	3.33	1.09	1.2	3.33	3.33	0.1 Yes	1.09 Thermal Discharging
SCL322	457	'499308369_/499308366'	10	10	10	3.28	10	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	458	'548178232_/548178248_2'	10	10	10	0.09	10	10	10	10 Yes	0.09 Thermal Discharging
SCL322	459	'3715195_/3715227'	10	10	10	3.28	10	10	10	0.29 Yes	3.28 Thermal Discharging
SCL322	460	'3719247_/43371330'	3.33	3.33	3.33	1.09	1.2	3.33	3.33	0.1 Yes	1.09 Thermal Discharging
SCL322	461	'499308388_/499308385'	10	10	10	3.28	10	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	462	'8532804_/8532802'	3.33	3.33	3.33	1.09	1.2	3.33	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	463	'55422775_/55422801'	3.33	3.33	3.33	1.09	0.73	3.33	3.33	0.1 Yes	0.73 Element Fault
SCL322	464	'586085029_/550017842'	10	10	10	0.44	10	10	10	10 Yes	0.44 Thermal Discharging
SCL322	465	'55140088_/3709733_2'	3.33	3.33	3.33	0.09	0.7	3.33	3.33	3.33 Yes	0.09 Thermal Discharging
SCL322	466	'3718673_/3718670'	3.33	3.33	3.33	1.09	1.2	3.33	3.33	0.1 Yes	1.09 Thermal Discharging
SCL322	467	'462563813_/499308404'	10	10	10	3.28	10	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	468	'43371259_/43371261'	3.33	3.33	3.33	1.09	1.2	3.33	3.33	0.1 Yes	1.09 Thermal Discharging
SCL322	469	'462563824_/462563762_2'	10	10	10	3.28	10	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	470	'157511498_/499308425'	10	10	10	3.28	10	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	471	'586085123_/550017876'	10	10	10	0.44	10	10	10	10 Yes	0.44 Thermal Discharging
SCL322	472	'53319502_/53319504'	3.33	3.33	3.33	1.09	1.2	3.33	3.33	0.1 Yes	1.09 Thermal Discharging
SCL322	473	'3715196_/3715193'	10	10	10	3.28	10	10	10	0.29 Yes	3.28 Thermal Discharging
SCL322	474	'157569760_/500144720'	10	10	10	3.28	10	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	475	'112147186_/3710054_1'	3.33	3.33	3.33	1.09	1.2	3.33	3.33	0.1 Yes	1.09 Thermal Discharging
SCL322	476	'86215818_/7789947'	3.33	3.33	3.33	1.09	1.2	3.33	3.33	0.1 Yes	1.09 Thermal Discharging
SCL322	477	'462563800_/462563762_1'	10	10	10	3.28	3.6	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	478	'500431334_/500370193_1'	10	10	10	3.28	10	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	479	'500370196_/500144752_1'	10	10	10	3.28	10	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	480	'157571572_/500144752_2'	10	10	10	3.28	10	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	481	'586085137_/550017910'	10	10	10	0.44	10	10	10	10 Yes	0.44 Thermal Discharging
SCL322	482	'157571630_/500144775'	10	10	10	3.28	10	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	483	'417113355_/500144793_2'	10	10	10	3.28	10	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	484	'45138685_/3719052'	3.33	3.33	3.33	1.09	1.2	3.33	3.33	0.1 Yes	1.09 Thermal Discharging
SCL322	485	'500144796_/500144793_1'	10	10	10	3.28	10	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	486	'3715178_/3715210'	10	10	10	3.28	10	10	10	0.29 Yes	3.28 Thermal Discharging
SCL322	487	'3711752_/500144808'	10	10	10	3.28	10	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	488	'3718964_/3718974'	3.33	3.33	3.33	1.09	1.2	3.33	3.33	0.1 Yes	1.09 Thermal Discharging
SCL322	489	'7589139_/7589137_1'	3.33	3.33	3.33	1.09	0.7	3.33	3.33	0.1 Yes	0.7 Element Fault
SCL322	490	'3719016_/3719026'	3.33	3.33	3.33	1.09	1.2	3.33	3.33	0.1 Yes	1.09 Thermal Discharging
SCL322	491	'500144826_/500370308'	10	10	10	3.28	10	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	492	'3711836_/3711833'	10	10	10	3.28	10	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	493	'411023336_/500144842_1'	10	10	10	3.28	10	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	494	'417113278_/500144842_2'	10	10	10	3.28	10	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	495	'55422714_/55422782'	3.33	3.33	3.33	1.09	0.73	3.33	3.33	0.1 Yes	0.73 Element Fault
SCL322	496	'3711786_/500144857'	10	10	10	3.28	10	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	497	'3719185_/43371310'	3.33	3.33	3.33	1.09	1.2	3.33	3.33	0.1 Yes	1.09 Thermal Discharging
SCL322	498	'39696360_/7499592'	10	10	10	3.28	2.3	10	10	0.29 Yes	2.3 Element Fault
SCL322	499	'106508596_/106508605'	10	10	10	3.28	10	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	500	'3719258_/3719255'	3.33	3.33	3.33	1.09	1.2	3.33	3.33	0.1 Yes	1.09 Thermal Discharging
SCL322	501	'55140092_/55140085'	3.33	3.33	3.33	0.09	0.7	3.33	3.33	3.33 Yes	0.09 Thermal Discharging
SCL322	502	'500144881_/500370379'	10	10	10	3.28	10	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	503	'3715161_/3715176'	10	10	10	3.28	10	10	10	0.29 Yes	3.28 Thermal Discharging
SCL322	504	'8851650_/9479960_1'	10	10	10	3.28	3.6	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	505	'618711584_/618711600_1'	10	10	10	0	10	10	10	10 Yes	0 Thermal Discharging
SCL322	506	'106508987_/106509138'	10	10	10	3.28	10	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	507	'112147247_/112147244'	3.33	3.33	3.33	1.09	1.2	3.33	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	508	'3710807_/500144903'	10	10	10	3.28	10	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	509	'3710878_/3710888_1'	3.33	3.33	3.33	1.09	1.2	3.33	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	510	'106509067_/106508733'	10	10	10	3.28	10	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	511	'500144929_/500370443'	10	10	10	3.28	10	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	512	'3710576_/3710573'	3.33	3.33	3.33	1.09	1.2	3.33	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	513	'232817873_/3710933_2'	3.33	3.33	3.33	1.09	3.33	3.33	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	514	'3718963_/3718961'	3.33	3.33	3.33	1.09	1.2	3.33	3.33	0.1 Yes	1.09 Thermal Discharging
SCL322	515	'3711464_/3711850'	10	10	10	3.28	10	10	10	0.28 Yes	3.28 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SCL322	516	'500144955_/500370470'		10	10	10	3.28	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	517	'8242924_/8242922'		3.33	3.33	3.33	1.09	0.73	3.33	0.1 Yes	0.73 Element Fault
SCL322	518	'3719003_/3719013'		3.33	3.33	3.33	1.09	1.2	3.33	0.1 Yes	1.09 Thermal Discharging
SCL322	519	'3710174_/3710171'		3.33	3.33	3.33	1.09	1.2	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	520	'3715144_/3715159'		10	10	10	3.28	10	10	0.29 Yes	3.28 Thermal Discharging
SCL322	521	'412368103_/3711817_1'		3.33	3.33	3.33	1.09	1.2	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	522	'500370498_/500144969'		10	10	10	3.28	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	523	'562191588_/562191563_2'		3.33	3.33	3.33	1.09	3.33	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	524	'412367692_/3711462'		10	10	10	3.28	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	525	'157583488_/500144992'		10	10	10	3.28	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	526	'562191536_/562191563_1'		3.33	3.33	3.33	1.09	0.2	3.33	0.09 Yes	0.2 Element Fault
SCL322	527	'3710861_/500370531'		10	10	10	3.28	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	528	'412367741_/412367694'		10	10	10	3.28	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	529	'500145041_/500145038'		10	10	10	3.28	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	530	'157583691_/500145053'		10	10	10	3.28	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	531	'43371226_/43371228'		3.33	3.33	3.33	1.09	1.2	3.33	0.1 Yes	1.09 Thermal Discharging
SCL322	532	'3709683_/3709680'		10	10	10	0.28	7.9	10	10 Yes	0.28 Thermal Discharging
SCL322	533	'7499595_/44096384'		10	10	10	3.28	2.3	10	0.29 Yes	2.3 Element Fault
SCL322	534	'157569330_/500145072'		10	10	10	3.28	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	535	'412367792_/412367743'		10	10	10	3.28	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	536	'112147679_/112147690'		3.33	3.33	3.33	1.09	1.2	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	537	'3715145_/3715142'		10	10	10	3.28	10	10	0.29 Yes	3.28 Thermal Discharging
SCL322	538	'500145094_/500370624'		10	10	10	3.28	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	539	'3710936_/3710933_1'		3.33	3.33	3.33	1.09	1.2	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	540	'3711465_/412367794'		10	10	10	3.28	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	541	'43368243_/3711817_2'		3.33	3.33	3.33	1.09	1.2	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	542	'3710969_/500145120'		10	10	10	3.28	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	543	'3719002_/3719000'		3.33	3.33	3.33	1.09	1.2	3.33	0.1 Yes	1.09 Thermal Discharging
SCL322	544	'7741486_/44101036'		3.33	3.33	3.33	1.09	0.77	3.33	0.09 Yes	0.77 Element Fault
SCL322	545	'500145142_/500145139'		10	10	10	3.28	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	546	'453450176_/453450173'		3.33	3.33	3.33	1.09	1.2	3.33	0.1 Yes	1.09 Thermal Discharging
SCL322	547	'7273808_/7273805'		3.33	3.33	3.33	1.09	1.2	3.33	0.1 Yes	1.09 Thermal Discharging
SCL322	548	'3709812_/3709809'		3.33	3.33	3.33	1.09	1.2	3.33	0.1 Yes	1.09 Thermal Discharging
SCL322	549	'40669211_/7741483'		3.33	3.33	3.33	1.09	0.77	3.33	0.09 Yes	0.77 Element Fault
SCL322	550	'157559985_/500145154'		10	10	10	3.28	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	551	'433613312_/433613309'		3.33	3.33	3.33	1.09	3.33	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	552	'433613916_/433613325_1'		3.33	3.33	3.33	1.09	1.2	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	553	'3711003_/500145171'		10	10	10	3.28	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	554	'500145189_/500145186'		10	10	10	3.28	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	555	'157605953_/500370765'		10	10	10	3.28	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	556	'157560008_/3711017_1'		3.33	3.33	3.33	1.09	1.2	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	557	'3715378_/3715395'		10	10	10	3.28	10	10	0.29 Yes	3.28 Thermal Discharging
SCL322	558	'3710216_/43367712'		3.33	3.33	3.33	1.09	1.2	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	559	'3711049_/3711080_1'		10	10	10	3.28	3.6	10	0.28 Yes	3.28 Thermal Discharging
SCL322	560	'43368035_/500145230'		10	10	10	3.28	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	561	'412367849_/3711661'		10	10	10	3.28	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	562	'3718950_/3718948'		3.33	3.33	3.33	1.09	1.2	3.33	0.1 Yes	1.09 Thermal Discharging
SCL322	563	'157609016_/500145249'		10	10	10	3.28	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	564	'412368013_/412367851'		10	10	10	3.28	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	565	'3711149_/500370855'		10	10	10	3.28	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	566	'500145308_/500145287'		10	10	10	3.28	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	567	'157587729_/3711163_1'		3.33	3.33	3.33	1.09	1.2	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	568	'500145309_/500145306'		10	10	10	3.28	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	569	'232817815_/3711017_2'		3.33	3.33	3.33	1.09	1.2	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	570	'412367961_/412368015'		10	10	10	3.28	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	571	'433613328_/433613325_2'		3.33	3.33	3.33	1.09	1.2	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	572	'43367817_/3710431'		3.33	3.33	3.33	1.09	1.2	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	573	'433613536_/433613586_2'		3.33	3.33	3.33	1.09	1.2	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	574	'433613445_/433613411_1'		3.33	3.33	3.33	1.09	0.7	3.33	0.09 Yes	0.7 Element Fault
SCL322	575	'3715377_/3715375'		10	10	10	3.28	10	10	0.29 Yes	3.28 Thermal Discharging
SCL322	576	'500145328_/500145325'		10	10	10	3.28	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	577	'433613452_/433613411_2'		3.33	3.33	3.33	1.09	0.7	3.33	0.09 Yes	0.7 Element Fault
SCL322	578	'43367515_/3709717'		3.33	3.33	3.33	0.09	2.63	3.33	3.33 Yes	0.09 Thermal Discharging
SCL322	579	'412367909_/412367963'		10	10	10	3.28	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	580	'500430880_/412367911'		10	10	10	3.28	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	581	'3710562_/3710586'		3.33	3.33	3.33	1.09	1.2	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	582	'157609787_/500370980'		10	10	10	3.28	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	583	'500430808_/500144243'		10	10	10	3.28	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	584	'500430866_/500430812'		10	10	10	3.28	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	585	'500430976_/500144261_2'		10	10	10	3.28	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	586	'500144264_/500144261_1'		10	10	10	0	10	10	10 Yes	0 Thermal Discharging
SCL322	587	'500144430_/500144285_1'		10	10	10	0	2.2	10	10 Yes	0 Thermal Discharging
SCL322	588	'3711558_/3711627'		10	10	10	3.28	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	589	'500431028_/500144285_2'		10	10	10	0	2.2	10	10 Yes	0 Thermal Discharging
SCL322	590	'501395653_/501395650'		10	10	10	0	10	10	10 Yes	0 Thermal Discharging
SCL322	591	'500145366_/500370995'		10	10	10	3.28	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	592	'500144288_/500144285_3'		10	10	10	0	2.2	10	10 Yes	0 Thermal Discharging
SCL322	593	'501395859_/501395674_1'		10	10	10	0	2.2	10	10 Yes	0 Thermal Discharging
SCL322	594	'500144389_/500144303_1'		10	10	10	0	2.2	10	10 Yes	0 Thermal Discharging
SCL322	595	'501395925_/501395674_2'		10	10	10	0	2.2	10	10 Yes	0 Thermal Discharging
SCL322	596	'3711559_/3711556'		10	10	10	3.28	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	597	'501785952_/501785949'		10	10	10	0	10	10	10 Yes	0 Thermal Discharging
SCL322	598	'38110364_/8116024'		3.33	3.33	3.33	1.09	0.77	3.33	0.09 Yes	0.77 Element Fault
SCL322	599	'501395677_/501395674_3'		10	10	10	0	2.2	10	10 Yes	0 Thermal Discharging
SCL322	600	'501786069_/501785973_1'		10	10	10	0	2.2	10	10 Yes	0 Thermal Discharging
SCL322	601	'500144306_/500144303_2'		10	10	10	0	2.2	10	10 Yes	0 Thermal Discharging
SCL322	602	'501786159_/501785973_2'		10	10	10	0	2.2	10	10 Yes	0 Thermal Discharging
SCL322	603	'502058654_/502058651'		10	10	10	0	10	10	10 Yes	0 Thermal Discharging
SCL322	604	'502058798_/502058675_1'		10	10	10	0	2.2	10	10 Yes	0 Thermal Discharging
SCL322	605	'501785976_/501785973_3'		10	10	10	0	2.2	10	10 Yes	0 Thermal Discharging
SCL322	606	'8807438_/8807436'		3.33	3.33	3.33	1.09	1.2	3.33	0.1 Yes	1.09 Thermal Discharging
SCL322	607	'500430703_/501785991_1'		10	10	10	0	2.2	10	10 Yes	0 Thermal Discharging
SCL322	608	'501395695_/501395692'		10	10	10	0	2.2	10	10 Yes	0 Thermal Discharging
SCL322	609	'3711576_/3711593'		10	10	10	3.28	10	10	0.28 Yes	3.28 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
											VSR (MW)	Limiting Threshold
SCL322	610	'502058891_/_502058675_2'		10	10	10	0	2.2	10	10 Yes	0	Thermal Discharging
SCL322	611	'49963907_/_3711573_1'		10	10	10	3.28	10	10	0.28 Yes	3.28	Thermal Discharging
SCL322	612	'502058678_/_502058675_3'		10	10	10	0	2.2	10	10 Yes	0	Thermal Discharging
SCL322	613	'502320186_/_502320183'		10	10	10	0	10	10	10 Yes	0	Thermal Discharging
SCL322	614	'502320308_/_502320207_1'		10	10	10	0	2.2	10	10 Yes	0	Thermal Discharging
SCL322	615	'500430693_/_502058693_1'		10	10	10	0	2.2	10	10 Yes	0	Thermal Discharging
SCL322	616	'501785994_/_501785991_2'		10	10	10	0	2.2	10	10 Yes	0	Thermal Discharging
SCL322	617	'500145385_/_500145382'		10	10	10	3.28	10	10	0.28 Yes	3.28	Thermal Discharging
SCL322	618	'502320455_/_502320207_2'		10	10	10	0	2.2	10	10 Yes	0	Thermal Discharging
SCL322	619	'3711684_/_3711573_2'		10	10	10	3.28	10	10	0.28 Yes	3.28	Thermal Discharging
SCL322	620	'502320210_/_502320207_3'		10	10	10	0	2.2	10	10 Yes	0	Thermal Discharging
SCL322	621	'43368061_/_3711080_2'		10	10	10	3.28	3.6	10	0.28 Yes	3.28	Thermal Discharging
SCL322	622	'502320364_/_502320225_1'		10	10	10	0	2.2	10	10 Yes	0	Thermal Discharging
SCL322	623	'3711613_/_3711610_2'		10	10	10	3.28	10	10	0.28 Yes	3.28	Thermal Discharging
SCL322	624	'502058696_/_502058693_2'		10	10	10	0	2.2	10	10 Yes	0	Thermal Discharging
SCL322	625	'3711519_/_3711610_1'		10	10	10	3.28	10	10	0.28 Yes	3.28	Thermal Discharging
SCL322	626	'502320228_/_502320225_2'		10	10	10	0	2.2	10	10 Yes	0	Thermal Discharging
SCL322	627	'43367526_/_3709700'		10	10	10	0.28	7.9	10	10 Yes	0.28	Thermal Discharging
SCL322	628	'403933319_/_43367528'		10	10	10	0.28	7.9	10	10 Yes	0.28	Thermal Discharging
SCL322	629	'354192574_/_76714545_2'		10	10	10	3.28	10	10	0.28 Yes	3.28	Thermal Discharging
SCL322	630	'500145404_/_500145401'		10	10	10	3.28	10	10	0.28 Yes	3.28	Thermal Discharging
SCL322	631	'3715489_/_3715503'		10	10	10	3.28	10	10	0.29 Yes	3.28	Thermal Discharging
SCL322	632	'76714568_/_76714545_1'		10	10	10	3.28	10	10	0.28 Yes	3.28	Thermal Discharging
SCL322	633	'3711165_/_3711163_2'	3.33		3.33	3.33	1.09	1.2	3.33	0.09 Yes	1.09	Thermal Discharging
SCL322	634	'562191487_/_500145420'		10	10	10	3.28	10	10	0.28 Yes	3.28	Thermal Discharging
SCL322	635	'3711259_/_500371085'		10	10	10	3.28	10	10	0.28 Yes	3.28	Thermal Discharging
SCL322	636	'8759332_/_9078905'		10	10	10	3.28	2.3	10	0.29 Yes	2.3	Element Fault
SCL322	637	'3711260_/_3711257_1'	3.33		3.33	3.33	1.09	0.2	3.33	0.09 Yes	0.2	Element Fault
SCL322	638	'157610252_/_3711296'		10	10	10	3.28	10	10	0.28 Yes	3.28	Thermal Discharging
SCL322	639	'8759333_/_8759330'		10	10	10	3.28	2.3	10	0.29 Yes	2.3	Element Fault
SCL322	640	'9479963_/_9479960_2'		10	10	10	3.28	3.6	10	0.28 Yes	3.28	Thermal Discharging
SCL322	641	'112147723_/_112147732'	3.33		3.33	3.33	1.09	1.2	3.33	0.09 Yes	1.09	Thermal Discharging
SCL322	642	'320184544_/_3711516'		10	10	10	3.28	10	10	0.28 Yes	3.28	Thermal Discharging
SCL322	643	'3715415_/_3715486'		10	10	10	3.28	10	10	0.29 Yes	3.28	Thermal Discharging
SCL322	644	'53028683_/_44087395'	3.33		3.33	3.33	1.09	0.77	3.33	0.09 Yes	0.77	Element Fault
SCL322	645	'118128428_/_3715432_1'		10	10	10	3.28	1.4	10	0.29 Yes	1.4	Element Fault
SCL322	646	'3711299_/_592525991'		10	10	10	3.28	10	10	0.28 Yes	3.28	Thermal Discharging
SCL322	647	'3711066_/_3711063'		10	10	10	3.28	3.6	10	0.28 Yes	3.28	Thermal Discharging
SCL322	648	'724415033_/_724415006_1'		10	10	10	0	10	10	10 Yes	0	Thermal Discharging
SCL322	649	'7589155_/_7589153'	3.33		3.33	3.33	1.09	0.7	3.33	0.09 Yes	0.7	Element Fault
SCL322	650	'43370498_/_3715412'		10	10	10	3.28	10	10	0.29 Yes	3.28	Thermal Discharging
SCL322	651	'3711272_/_3711257_2'	3.33		3.33	3.33	1.09	0.2	3.33	0.09 Yes	0.2	Element Fault
SCL322	652	'592525946_/_592526083'		10	10	10	3.28	10	10	0.28 Yes	3.28	Thermal Discharging
SCL322	653	'724415009_/_724415006_2'		10	10	10	0	10	10	10 Yes	0	Thermal Discharging
SCL322	654	'724415022_/_592526134_1'		10	10	10	0	10	10	10 Yes	0	Thermal Discharging
SCL322	655	'3715523_/_3715537'		10	10	10	3.28	10	10	0.29 Yes	3.28	Thermal Discharging
SCL322	656	'118128485_/_3715432_2'		10	10	10	3.28	1.4	10	0.29 Yes	1.4	Element Fault
SCL322	657	'43367587_/_3709848'	3.33		3.33	3.33	1.09	1.2	3.33	0.09 Yes	1.09	Thermal Discharging
SCL322	658	'43370461_/_43370463'		10	10	10	3.28	10	10	0.29 Yes	3.28	Thermal Discharging
SCL322	659	'39185861_/_3715995_2'		10	10	10	3.28	10	10	0.29 Yes	3.28	Thermal Discharging
SCL322	660	'592526118_/_592526134_2'		10	10	10	0	10	10	10 Yes	0	Thermal Discharging
SCL322	661	'3715977_/_3715995_1'		10	10	10	3.28	10	10	0.29 Yes	3.28	Thermal Discharging
SCL322	662	'43368048_/_592525950'		10	10	10	3.28	10	10	0.28 Yes	3.28	Thermal Discharging
SCL322	663	'3711192_/_3711189'	3.33		3.33	3.33	1.09	1.2	3.33	0.09 Yes	1.09	Thermal Discharging
SCL322	664	'421641171_/_3716015'		10	10	10	3.28	10	10	0.29 Yes	3.28	Thermal Discharging
SCL322	665	'471480373_/_422024346_1'		10	10	10	3.28	2.3	10	0.29 Yes	2.3	Element Fault
SCL322	666	'422024204_/_422024346_2'		10	10	10	3.28	2.3	10	0.29 Yes	2.3	Element Fault
SCL322	667	'43370474_/_421641173'		10	10	10	3.28	10	10	0.29 Yes	3.28	Thermal Discharging
SCL322	668	'3723955_/_3725161'		10	10	10	3.28	10	10	0.29 Yes	3.28	Thermal Discharging
SCL322	669	'110424559_/_110424570'	3.33		3.33	3.33	1.09	0.77	3.33	0.09 Yes	0.77	Element Fault
SCL322	670	'8116027_/_53028680'	3.33		3.33	3.33	1.09	0.77	3.33	0.09 Yes	0.77	Element Fault
SCL322	671	'403933550_/_403933327'		10	10	10	0.28	7.9	10	10 Yes	0.28	Thermal Discharging
SCL322	672	'55422719_/_55422716'	3.33		3.33	3.33	1.09	0.73	3.33	0.1 Yes	0.73	Element Fault
SCL322	673	'3709720_/_43367517'	3.33		3.33	3.33	0.09	2.63	3.33	0.33 Yes	0.09	Thermal Discharging
SCL322	674	'302568670_/_43368050'		10	10	10	3.28	10	10	0.28 Yes	3.28	Thermal Discharging
SCL322	675	'3725183_/_3725201_2'		10	10	10	3.28	8.5	10	0.29 Yes	3.28	Thermal Discharging
SCL322	676	'3723925_/_3723952'		10	10	10	3.28	10	10	0.29 Yes	3.28	Thermal Discharging
SCL322	677	'3709825_/_3709822'	3.33		3.33	3.33	1.09	1.2	3.33	0.09 Yes	1.09	Thermal Discharging
SCL322	678	'3711336_/_302568672'		10	10	10	3.28	10	10	0.28 Yes	3.28	Thermal Discharging
SCL322	679	'3723911_/_3723909'	3.33		3.33	3.33	1.09	3.33	3.33	0.1 Yes	1.09	Thermal Discharging
SCL322	680	'3723924_/_3723922'		10	10	10	3.28	10	10	0.29 Yes	3.28	Thermal Discharging
SCL322	681	'44058006_/_44058008'	3.33		3.33	3.33	1.09	1.2	3.33	0.09 Yes	1.09	Thermal Discharging
SCL322	682	'3710891_/_3710888_2'	3.33		3.33	3.33	1.09	1.2	3.33	0.09 Yes	1.09	Thermal Discharging
SCL322	683	'3724054_/_3724052'		10	10	10	3.28	10	10	0.28 Yes	3.28	Thermal Discharging
SCL322	684	'110424589_/_110424600'	3.33		3.33	3.33	1.09	0.77	3.33	0.09 Yes	0.77	Element Fault
SCL322	685	'43368087_/_43368089'	3.33		3.33	3.33	1.09	1.2	3.33	0.09 Yes	1.09	Thermal Discharging
SCL322	686	'3711205_/_3711202'	3.33		3.33	3.33	1.09	1.2	3.33	0.09 Yes	1.09	Thermal Discharging
SCL322	687	'3710187_/_3710184'	3.33		3.33	3.33	1.09	1.2	3.33	0.09 Yes	1.09	Thermal Discharging
SCL322	688	'468464602_/_468071159'		10	10	10	3.28	2.3	10	0.29 Yes	2.3	Element Fault
SCL322	689	'3723991_/_3724069'		10	10	10	3.28	10	10	0.28 Yes	3.28	Thermal Discharging
SCL322	690	'9378673_/_433613586_1'	3.33		3.33	3.33	1.09	0.7	3.33	0.09 Yes	0.7	Element Fault
SCL322	691	'43368602_/_3712573'		10	10	10	3.28	10	10	0.28 Yes	3.28	Thermal Discharging
SCL322	692	'3710486_/_3710560'	3.33		3.33	3.33	1.09	1.2	3.33	0.09 Yes	1.09	Thermal Discharging
SCL322	693	'3711285_/_8851615_2'	3.33		3.33	3.33	1.09	1.2	3.33	0.09 Yes	1.09	Thermal Discharging
SCL322	694	'3725144_/_3725201_1'		10	10	10	3.28	4.5	10	0.29 Yes	3.28	Thermal Discharging
SCL322	695	'9480581_/_9480594_1'	3.33		3.33	3.33	1.09	1.2	3.33	0.09 Yes	1.09	Thermal Discharging
SCL322	696	'3723992_/_3723989'		10	10	10	3.28	10	10	0.28 Yes	3.28	Thermal Discharging
SCL322	697	'8749520_/_8749518'	3.33		3.33	3.33	1.09	0.7	3.33	0.09 Yes	0.7	Element Fault
SCL322	698	'154153641_/_43368604'		10	10	10	3.28	10	10	0.28 Yes	3.28	Thermal Discharging
SCL322	699	'3709751_/_403933552'		10	10	10	0.28	7.9	10	10 Yes	0.28	Thermal Discharging
SCL322	700	'3723891_/_3724029'		10	10	10	3.28	10	10	0.28 Yes	3.28	Thermal Discharging
SCL322	701	'61697018_/_592130086_1'		10	10	10	0.28	2.2	10	10 Yes	0.28	Thermal Discharging
SCL322	702	'43367978_/_3710901'	3.33		3.33	3.33	1.09	1.2	3.33	0.09 Yes	1.09	Thermal Discharging
SCL322	703	'43367609_/_3709893'	3.33		3.33	3.33	1.09	1.2	3.33	0.09 Yes	1.09	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SCL322	704	'3723875_/_3723889_1'		10	10	10	3.28	0.8	10	0.28 Yes	0.8 Element Fault
SCL322	705	'3723857_/_3723889_2'		10	10	10	3.28	0.8	10	0.28 Yes	0.8 Element Fault
SCL322	706	'3715817_/_3723969'		10	10	10	3.28	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	707	'43368589_/_154153643'		10	10	10	3.28	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	708	'7908692_/_9168612_1'		3.17	3.33	3.33	1.09	0.7	3.33	0.09 Yes	0.7 Element Fault
SCL322	709	'43371481_/_7122413'		3.33	3.33	3.33	1.09	1.2	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	710	'3709851_/_43367589'		3.33	3.33	3.33	1.09	1.2	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	711	'3715818_/_3715815'		10	10	10	3.28	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	712	'8113008_/_8113006'		3.33	3.33	3.33	1.09	0.7	3.33	0.09 Yes	0.7 Element Fault
SCL322	713	'3710487_/_3710484'		3.33	3.33	3.33	1.09	1.2	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	714	'9148309_/_9480594_2'		3.33	3.33	3.33	1.09	1.2	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	715	'3715834_/_3715832'		10	10	10	3.28	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	716	'3724261_/_3724414'		10	10	10	3.28	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	717	'3715926_/_3715924'		10	10	10	3.28	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	718	'3705995_/_3712556'		10	10	10	3.28	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	719	'538553813_/_3706105_1'		3.33	3.33	3.33	1.09	1.2	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	720	'3715944_/_3715941'		10	10	10	3.28	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	721	'157408340_/_3706121'		10	10	10	3.28	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	722	'3724260_/_3724258'		10	10	10	3.28	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	723	'51833081_/_51833107'		3.33	3.33	3.33	1.09	0.77	3.33	0.09 Yes	0.77 Element Fault
SCL322	724	'433409688_/_3724225_1'		3.33	3.33	3.33	1.09	0.9	3.33	0.09 Yes	0.9 Element Fault
SCL322	725	'3711218_/_3711215'		3.33	3.33	3.33	1.09	1.2	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	726	'403933172_/_3709749'		10	10	10	0.28	7.9	10	10 Yes	0.28 Thermal Discharging
SCL322	727	'3724143_/_3724157'		10	10	10	3.28	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	728	'3710229_/_3710226'		3.33	3.33	3.33	1.09	1.2	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	729	'3725040_/_3725141'		10	10	10	3.28	4.5	10	0.28 Yes	3.28 Thermal Discharging
SCL322	730	'7589828_/_7589825_2'		10	10	10	3.28	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	731	'49483937_/_3724380_2'		10	10	10	3.28	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	732	'3716035_/_3724140'		10	10	10	3.28	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	733	'433409719_/_3724225_2'		3.33	3.33	3.33	1.09	0.9	3.33	0.09 Yes	0.9 Element Fault
SCL322	734	'7909023_/_7909037_1'		3.33	3.33	3.33	1.09	0.7	3.33	0.09 Yes	0.7 Element Fault
SCL322	735	'3706124_/_157408342'		10	10	10	3.28	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	736	'468071143_/_468464622'		10	10	10	3.28	2.3	10	0.29 Yes	2.3 Element Fault
SCL322	737	'3712797_/_3712794'		3.33	3.33	3.33	1.09	3.33	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	738	'8851618_/_8851615_1'		3.33	3.33	3.33	1.09	0.7	3.33	0.09 Yes	0.7 Element Fault
SCL322	739	'49932544_/_8223316_1'		3.33	3.33	3.33	1.09	1.2	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	740	'3709896_/_43367611'		3.33	3.33	3.33	1.09	1.2	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	741	'3715910_/_3715908'		3.33	3.33	3.33	1.09	3.33	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	742	'418888690_/_433613626'		3.33	3.33	3.33	1.09	0.7	3.33	0.09 Yes	0.7 Element Fault
SCL322	743	'3715772_/_3716032'		10	10	10	3.28	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	744	'7132722_/_3715769_2'		10	10	10	3.28	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	745	'3712281_/_43368414_1'		3.33	3.33	3.33	1.09	1.2	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	746	'7908345_/_7908343_1'		10	10	10	3.28	3.7	10	0.28 Yes	3.28 Thermal Discharging
SCL322	747	'3715755_/_3715769_1'		10	10	10	3.28	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	748	'469884237_/_3724434_1'		10	10	10	0.37	10	10	9.91 Yes	0.37 Thermal Discharging
SCL322	749	'3715713_/_3715752'		10	10	10	3.28	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	750	'3724315_/_3724329'		10	10	10	3.28	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	751	'43370223_/_3724434_2'		10	10	10	0.37	10	10	9.91 Yes	0.37 Thermal Discharging
SCL322	752	'43368683_/_3712777'		10	10	10	3.28	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	753	'7132723_/_7132720'		3.33	3.33	3.33	1.09	3.33	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	754	'3716520_/_3716534'		10	10	10	3.28	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	755	'7589827_/_7589825_1'		10	10	10	3.28	3.7	10	0.28 Yes	3.28 Thermal Discharging
SCL322	756	'468071204_/_468071208'		10	10	10	3.28	2.3	10	0.29 Yes	2.3 Element Fault
SCL322	757	'3716451_/_3716517'		10	10	10	3.28	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	758	'3715697_/_3715710_1'		3.33	3.33	3.33	1.09	0.2	3.33	0.09 Yes	0.2 Element Fault
SCL322	759	'3706108_/_3706105_2'		3.33	3.33	3.33	1.09	1.2	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	760	'3711246_/_43368111'		3.33	3.33	3.33	1.09	1.2	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	761	'120146431_/_3716497'		10	10	10	3.28	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	762	'3724298_/_3724312'		10	10	10	3.28	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	763	'120146318_/_120146315'		3.33	3.33	3.33	1.09	3.33	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	764	'3711234_/_3711231'		3.33	3.33	3.33	1.09	1.2	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	765	'3716397_/_3716411'		10	10	10	3.28	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	766	'3715560_/_3724380_1'		10	10	10	3.28	3.7	10	0.28 Yes	3.28 Thermal Discharging
SCL322	767	'120146408_/_120146330_1'		3.33	3.33	3.33	1.09	1.2	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	768	'7274018_/_7274015_2'		10	10	10	3.28	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	769	'3715696_/_3715710_2'		3.33	3.33	3.33	1.09	0.2	3.33	0.09 Yes	0.2 Element Fault
SCL322	770	'3710602_/_3710599'		3.33	3.33	3.33	1.09	1.2	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	771	'8851895_/_9480246_2'		10	10	10	3.28	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	772	'3716450_/_3716448'		3.33	3.33	3.33	1.09	3.33	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	773	'403933388_/_403933180'		10	10	10	0.28	7.9	10	10 Yes	0.28 Thermal Discharging
SCL322	774	'3716367_/_3716394'		10	10	10	3.28	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	775	'70105616_/_3716364_1'		3.33	3.33	3.33	1.09	1.9	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	776	'43367688_/_3710200'		3.33	3.33	3.33	1.09	1.2	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	777	'3714110_/_3716377'		10	10	10	3.28	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	778	'430077210_/_430077212'		10	10	10	3.28	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	779	'7909039_/_7909037_2'		3.33	3.33	3.33	1.09	0.7	3.33	0.09 Yes	0.7 Element Fault
SCL322	780	'430077333_/_430077272_1'		10	10	10	3.28	3.6	10	0.28 Yes	3.28 Thermal Discharging
SCL322	781	'3712102_/_3712760'		10	10	10	3.28	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	782	'3714109_/_3714107'		10	10	10	3.28	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	783	'3710203_/_3710265_1'		3.33	3.33	3.33	1.09	1.2	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	784	'7908418_/_9168510_1'		3.33	3.33	3.33	1.09	1.2	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	785	'9148310_/_9148307'		3.33	3.33	3.33	1.09	1.2	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	786	'9168366_/_9168364_1'		10	10	10	3.28	3.6	10	0.28 Yes	3.28 Thermal Discharging
SCL322	787	'3716464_/_3716461'		3.33	3.33	3.33	1.09	3.33	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	788	'43431460_/_43431462'		10	10	10	3.28	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	789	'430077230_/_430077272_2'		10	10	10	3.28	3.6	10	0.28 Yes	3.28 Thermal Discharging
SCL322	790	'7908346_/_7908343_2'		10	10	10	3.28	3.7	10	0.28 Yes	3.28 Thermal Discharging
SCL322	791	'430077459_/_430077468'		10	10	10	3.28	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	792	'106513309_/_3716606'		10	10	10	0.37	10	10	9.91 Yes	0.37 Thermal Discharging
SCL322	793	'9480248_/_9480246_1'		10	10	10	3.28	3.6	10	0.28 Yes	3.28 Thermal Discharging
SCL322	794	'106513436_/_106513246_1'		10	10	10	0.37	3.7	10	9.91 Yes	0.37 Thermal Discharging
SCL322	795	'3982801_/_4023429'		10	10	10	3.28	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	796	'7274017_/_7274015_1'		10	10	10	3.28	3.7	10	0.28 Yes	3.28 Thermal Discharging
SCL322	797	'4023395_/_4023412'		10	10	10	3.28	10	10	0.28 Yes	3.28 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SCL322	798	'8163575_/_8163573'	3.33		3.33	3.33	1.09	0.7	3.33	0.09 Yes	0.7 Element Fault
SCL322	799	'314833267_/_3712100'	10		10	10	3.28	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	800	'3712280_/_43368414_2'	3.33		3.33	3.33	1.09	1.2	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	801	'314833290_/_3712336_2'	3.33		3.33	3.33	1.09	2.8	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	802	'8223630_/_8223628'	3.33		3.33	3.33	1.09	0.7	3.33	0.09 Yes	0.7 Element Fault
SCL322	803	'8851717_/_9168364_2'	10		10	10	3.28	3.6	10	0.28 Yes	3.28 Thermal Discharging
SCL322	804	'3716103_/_3716364_2'	3.33		3.33	3.33	1.09	1.9	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	805	'4023378_/_4023392'	10		10	10	3.28	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	806	'7273594_/_430077234'	10		10	10	3.28	3.6	10	0.28 Yes	3.28 Thermal Discharging
SCL322	807	'3724211_/_3724278'	10		10	10	3.28	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	808	'55672741_/_55672666'	10		10	10	3.28	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	809	'432336005_/_432335832_2'	10		10	10	3.28	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	810	'120146333_/_120146330_2'	3.33		3.33	3.33	1.09	1.2	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	811	'314833297_/_43368392_2'	3.33		3.33	3.33	1.09	2.8	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	812	'430077668_/_432335832_1'	10		10	10	3.28	2.2	10	0.28 Yes	2.2 Element Fault
SCL322	813	'7930091_/_8871407'	10		10	10	3.28	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	814	'3715281_/_3715557'	10		10	10	3.28	3.7	10	0.28 Yes	3.28 Thermal Discharging
SCL322	815	'43431445_/_4023375'	10		10	10	3.28	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	816	'43431773_/_43431777'	10		10	10	3.28	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	817	'3725023_/_3725037'	10		10	10	3.28	4.5	10	0.28 Yes	3.28 Thermal Discharging
SCL322	818	'8223556_/_9480754_2'	10		10	10	3.28	4.5	10	0.28 Yes	3.28 Thermal Discharging
SCL322	819	'154153603_/_3712134'	10		10	10	3.28	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	820	'7589348_/_7021715'	6.67		6.67	6.67	2.18	2.4	6.67	0.19 Yes	2.18 Thermal Discharging
SCL322	821	'9065536_/_433613648'	3.33		3.33	3.33	1.09	0.7	3.33	0.09 Yes	0.7 Element Fault
SCL322	822	'4023724_/_4024070'	10		10	10	3.28	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	823	'8851718_/_8851715'	10		10	10	3.28	3.6	10	0.28 Yes	3.28 Thermal Discharging
SCL322	824	'9168513_/_9168510_2'	3.33		3.33	3.33	1.09	1.2	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	825	'403933408_/_403933390'	10		10	10	0.28	7.9	10	10 Yes	0.28 Thermal Discharging
SCL322	826	'4023946_/_4023960'	10		10	10	3.28	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	827	'106513249_/_106513246_2'	10		10	10	0.37	3.7	10	9.91 Yes	0.37 Thermal Discharging
SCL322	828	'106513389_/_106513368_1'	10		10	10	0.37	2.2	10	9.91 Yes	0.37 Thermal Discharging
SCL322	829	'4023723_/_4024181_1'	10		10	10	3.28	3.6	10	0.28 Yes	3.28 Thermal Discharging
SCL322	830	'3724176_/_43370513'	10		10	10	0.37	10	10	9.91 Yes	0.37 Thermal Discharging
SCL322	831	'43431473_/_3982798'	3.33		3.33	3.33	1.09	3.33	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	832	'3712137_/_154153605'	10		10	10	3.28	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	833	'4023929_/_4023943'	10		10	10	3.28	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	834	'8223503_/_8533418_1'	10		10	10	0.37	3.6	10	9.91 Yes	0.37 Thermal Discharging
SCL322	835	'716452994_/_716452991'	10		10	10	0.37	3.7	10	9.91 Yes	0.37 Thermal Discharging
SCL322	836	'346550006_/_43368425_1'	3.33		3.33	3.33	1.09	1.2	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	837	'9479999_/_592130086_2'	10		10	10	0.28	2.2	10	10 Yes	0.28 Thermal Discharging
SCL322	838	'9187261_/_9187259_1'	10		10	10	3.28	3.6	10	0.28 Yes	3.28 Thermal Discharging
SCL322	839	'716453078_/_716453055_1'	10		10	10	0.37	3.6	10	9.91 Yes	0.37 Thermal Discharging
SCL322	840	'4023912_/_4023926'	10		10	10	3.28	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	841	'8852260_/_9480754_1'	10		10	10	3.28	2.2	10	0.28 Yes	2.2 Element Fault
SCL322	842	'133585558_/_8871475_1'	3.33		3.33	3.33	1.09	1.2	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	843	'8533420_/_8533418_2'	10		10	10	0.37	3.6	10	9.91 Yes	0.37 Thermal Discharging
SCL322	844	'3982757_/_4023909'	10		10	10	3.28	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	845	'119298960_/_3712151'	10		10	10	3.28	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	846	'430077790_/_416538189'	10		10	10	3.28	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	847	'3706154_/_3706151'	10		10	10	3.28	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	848	'688737285_/_4024181_2'	10		10	10	3.28	3.6	10	0.28 Yes	3.28 Thermal Discharging
SCL322	849	'429422283_/_430077859_1'	10		10	10	3.28	2.2	10	0.28 Yes	2.2 Element Fault
SCL322	850	'429422143_/_430077859_2'	10		10	10	3.28	2.2	10	0.28 Yes	2.2 Element Fault
SCL322	851	'4023823_/_4023821'	10		10	10	3.28	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	852	'61697108_/_3982755_1'	10		10	10	3.28	2.8	10	0.28 Yes	2.8 Element Fault
SCL322	853	'8533441_/_9480686'	10		10	10	3.28	3.7	10	0.28 Yes	3.28 Thermal Discharging
SCL322	854	'3982740_/_3982755_2'	10		10	10	3.28	2.8	10	0.28 Yes	2.8 Element Fault
SCL322	855	'120146348_/_120146345'	3.33		3.33	3.33	1.09	1.2	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	856	'8223610_/_8852257'	10		10	10	3.28	2.2	10	0.28 Yes	2.2 Element Fault
SCL322	857	'3724457_/_430077792'	10		10	10	3.28	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	858	'3715280_/_3715278'	10		10	10	3.28	3.7	10	0.28 Yes	3.28 Thermal Discharging
SCL322	859	'7589751_/_9480806'	3.33		3.33	3.33	1.09	0.7	3.33	0.09 Yes	0.7 Element Fault
SCL322	860	'43431749_/_43431751'	10		10	10	3.28	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	861	'544049577_/_544049574'	10		10	10	3.28	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	862	'8245414_/_9187259_2'	10		10	10	3.28	3.6	10	0.28 Yes	3.28 Thermal Discharging
SCL322	863	'3714428_/_3724174'	10		10	10	0.37	10	10	9.91 Yes	0.37 Thermal Discharging
SCL322	864	'8223577_/_8223608'	10		10	10	3.28	2.2	10	0.28 Yes	2.2 Element Fault
SCL322	865	'4024400_/_4024414_2'	10		10	10	3.28	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	866	'4024329_/_4024414_1'	10		10	10	3.28	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	867	'7589363_/_7589361'	10		10	10	3.28	3.6	10	0.28 Yes	3.28 Thermal Discharging
SCL322	868	'3706171_/_3706168'	10		10	10	3.28	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	869	'3714446_/_3714443_2'	3.33		3.33	3.33	0.12	2.8	3.33	3.3 Yes	0.12 Thermal Discharging
SCL322	870	'7930111_/_9502558_1'	10		10	10	3.28	3.6	10	0.28 Yes	3.28 Thermal Discharging
SCL322	871	'69145657_/_3712636_2'	3.33		3.33	3.33	1.09	3.33	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	872	'3982813_/_3982811'	3.33		3.33	3.33	1.09	3.33	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	873	'505012086_/_544049563'	10		10	10	3.28	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	874	'403933464_/_403933410'	10		10	10	0.28	7.9	10	10 Yes	0.28 Thermal Discharging
SCL322	875	'106513357_/_106513368_2'	10		10	10	0.37	2.2	10	9.91 Yes	0.37 Thermal Discharging
SCL322	876	'4024328_/_4024326'	10		10	10	3.28	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	877	'8871478_/_8871475_2'	3.33		3.33	3.33	1.09	1.2	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	878	'585369941_/_505013000_1'	10		10	10	3.28	3.6	10	0.28 Yes	3.28 Thermal Discharging
SCL322	879	'426490783_/_8245412'	10		10	10	3.28	3.6	10	0.28 Yes	3.28 Thermal Discharging
SCL322	880	'314833137_/_43368392_1'	3.33		3.33	3.33	1.09	1.2	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	881	'157408488_/_3706214'	10		10	10	3.28	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	882	'567918721_/_567918737'	10		10	10	0.37	2.2	10	9.91 Yes	0.37 Thermal Discharging
SCL322	883	'9168436_/_9168454'	10		10	10	3.28	3.6	10	0.28 Yes	3.28 Thermal Discharging
SCL322	884	'3982903_/_4024380'	10		10	10	3.28	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	885	'3712626_/_3712636_1'	3.33		3.33	3.33	1.09	1.2	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	886	'75421539_/_505013000_2'	10		10	10	3.28	3.6	10	0.28 Yes	3.28 Thermal Discharging
SCL322	887	'544049525_/_544049542'	10		10	10	3.28	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	888	'3725006_/_3725020'	10		10	10	3.28	4.5	10	0.28 Yes	3.28 Thermal Discharging
SCL322	889	'43367758_/_3710265_2'	3.33		3.33	3.33	1.09	1.2	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	890	'567918803_/_567918821'	10		10	10	0.37	2.2	10	9.91 Yes	0.37 Thermal Discharging
SCL322	891	'69145618_/_3706198_2'	3.33		3.33	3.33	1.09	2.2	3.33	0.09 Yes	1.09 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
											VSR (MW)	Limiting Threshold
SCL322	892	'7274089_/_9480774_2'		3.33	3.33	3.33	1.09	1.5	3.33	0.09 Yes	1.09	Thermal Discharging
SCL322	893	'43431561_/_4024306'		10	10	10	3.28	10	10	0.28 Yes	3.28	Thermal Discharging
SCL322	894	'544049526_/_544049523'		10	10	10	3.28	10	10	0.28 Yes	3.28	Thermal Discharging
SCL322	895	'43431680_/_688737291'		10	10	10	3.28	3.6	10	0.28 Yes	3.28	Thermal Discharging
SCL322	896	'3710618_/_3710615'		3.33	3.33	3.33	1.09	1.2	3.33	0.09 Yes	1.09	Thermal Discharging
SCL322	897	'4024275_/_4024289'		10	10	10	3.28	10	10	0.28 Yes	3.28	Thermal Discharging
SCL322	898	'9480776_/_9480774_1'		3.33	3.33	3.33	1.09	0.7	3.33	0.09 Yes	0.7	Element Fault
SCL322	899	'9502561_/_9502558_2'		10	10	10	3.28	3.6	10	0.28 Yes	3.28	Thermal Discharging
SCL322	900	'43431832_/_43431834'		10	10	10	3.28	10	10	0.28 Yes	3.28	Thermal Discharging
SCL322	901	'3706217_/_157408490'		10	10	10	3.28	10	10	0.28 Yes	3.28	Thermal Discharging
SCL322	902	'716453039_/_716453055_2'		10	10	10	0.37	3.6	10	9.91 Yes	0.37	Thermal Discharging
SCL322	903	'602514553_/_403933466'		10	10	10	0.28	7.9	10	10 Yes	0.28	Thermal Discharging
SCL322	904	'602514579_/_602514297_1'		10	10	10	0	7.9	10	10 Yes	0	Thermal Discharging
SCL322	905	'505012917_/_544049512'		10	10	10	3.28	10	10	0.28 Yes	3.28	Thermal Discharging
SCL322	906	'3715264_/_3715295'		10	10	10	3.28	3.7	10	0.28 Yes	3.28	Thermal Discharging
SCL322	907	'602514300_/_602514297_2'		10	10	10	0	7.9	10	10 Yes	0	Thermal Discharging
SCL322	908	'7908310_/_8533438'		10	10	10	3.28	3.7	10	0.28 Yes	3.28	Thermal Discharging
SCL322	909	'8533572_/_8533570'		10	10	10	3.28	2.2	10	0.28 Yes	2.2	Element Fault
SCL322	910	'602514440_/_602514315_1'		10	10	10	0	7.9	10	10 Yes	0	Thermal Discharging
SCL322	911	'602514318_/_602514315_2'		10	10	10	0	7.9	10	10 Yes	0	Thermal Discharging
SCL322	912	'602514591_/_602514333_1'		10	10	10	0	7.9	10	10 Yes	0	Thermal Discharging
SCL322	913	'731749774_/_731749790'		3.33	3.33	3.33	0.12	1.2	3.33	3.3 Yes	0.12	Thermal Discharging
SCL322	914	'602514606_/_602514333_2'		10	10	10	0	7.9	10	10 Yes	0	Thermal Discharging
SCL322	915	'602514336_/_602514333_3'		10	10	10	0	7.9	10	10 Yes	0	Thermal Discharging
SCL322	916	'4024258_/_4024272'		10	10	10	3.28	10	10	0.28 Yes	3.28	Thermal Discharging
SCL322	917	'314833030_/_3712336_1'		3.33	3.33	3.33	1.09	1.2	3.33	0.09 Yes	1.09	Thermal Discharging
SCL322	918	'7274037_/_430077124'		10	10	10	0.37	2.2	10	9.91 Yes	0.37	Thermal Discharging
SCL322	919	'43370770_/_544049497'		10	10	10	3.28	10	10	0.28 Yes	3.28	Thermal Discharging
SCL322	920	'43368637_/_43368639'		3.33	3.33	3.33	1.09	1.2	3.33	0.09 Yes	1.09	Thermal Discharging
SCL322	921	'585369982_/_505012938_1'		3.33	3.33	3.33	1.09	1.2	3.33	0.09 Yes	1.09	Thermal Discharging
SCL322	922	'8163433_/_9168434'		10	10	10	3.28	3.6	10	0.28 Yes	3.28	Thermal Discharging
SCL322	923	'7930090_/_7930088'		10	10	10	3.28	3.6	10	0.28 Yes	3.28	Thermal Discharging
SCL322	924	'3714429_/_3714426'		10	10	10	0.37	10	10	9.91 Yes	0.37	Thermal Discharging
SCL322	925	'7273576_/_7908307'		10	10	10	3.28	3.7	10	0.28 Yes	3.28	Thermal Discharging
SCL322	926	'4024257_/_4024255'		10	10	10	3.28	10	10	0.28 Yes	3.28	Thermal Discharging
SCL322	927	'3724608_/_544049486'		10	10	10	3.28	10	10	0.28 Yes	3.28	Thermal Discharging
SCL322	928	'7909056_/_8533606'		3.33	3.33	3.33	1.09	0.7	3.33	0.09 Yes	0.7	Element Fault
SCL322	929	'3982904_/_3982901_1'		3.33	3.33	3.33	1.09	1.2	3.33	0.09 Yes	1.09	Thermal Discharging
SCL322	930	'7589848_/_505012938_2'		3.33	3.33	3.33	1.09	1.2	3.33	0.09 Yes	1.09	Thermal Discharging
SCL322	931	'426490819_/_426490838'		10	10	10	3.28	3.6	10	0.28 Yes	3.28	Thermal Discharging
SCL322	932	'4024203_/_43431682'		10	10	10	3.28	3.6	10	0.28 Yes	3.28	Thermal Discharging
SCL322	933	'50903159_/_68195746_2'		3.33	3.33	3.33	1.09	2.8	3.33	0.09 Yes	1.09	Thermal Discharging
SCL322	934	'3706008_/_3712590'		10	10	10	3.28	10	10	0.28 Yes	3.28	Thermal Discharging
SCL322	935	'3714445_/_3714443_1'		3.33	3.33	3.33	0.12	1.2	3.33	3.3 Yes	0.12	Thermal Discharging
SCL322	936	'4024241_/_4024360'		10	10	10	3.28	10	10	0.28 Yes	3.28	Thermal Discharging
SCL322	937	'544049406_/_544049448'		10	10	10	3.28	10	10	0.28 Yes	3.28	Thermal Discharging
SCL322	938	'346549981_/_43368425_2'		3.33	3.33	3.33	1.09	1.2	3.33	0.09 Yes	1.09	Thermal Discharging
SCL322	939	'7589752_/_7589749_1'		3.33	3.33	3.33	1.09	1.2	3.33	0.09 Yes	1.09	Thermal Discharging
SCL322	940	'3706201_/_3706198_1'		3.33	3.33	3.33	1.09	1.2	3.33	0.09 Yes	1.09	Thermal Discharging
SCL322	941	'3709662_/_602514557'		10	10	10	0.28	7.9	10	10 Yes	0.28	Thermal Discharging
SCL322	942	'505012056_/_544049403'		10	10	10	3.28	10	10	0.28 Yes	3.28	Thermal Discharging
SCL322	943	'3706009_/_3706138_1'		3.33	3.33	3.33	1.09	1.2	3.33	0.09 Yes	1.09	Thermal Discharging
SCL322	944	'8223266_/_9057119_2'		10	10	10	0.28	7.9	10	10 Yes	0.28	Thermal Discharging
SCL322	945	'4024204_/_4024201'		10	10	10	3.28	3.6	10	0.28 Yes	3.28	Thermal Discharging
SCL322	946	'7908330_/_473771479'		6.67	6.67	6.67	2.18	2.4	6.67	0.19 Yes	2.18	Thermal Discharging
SCL322	947	'3982916_/_3982901_2'		3.33	3.33	3.33	1.09	1.2	3.33	0.09 Yes	1.09	Thermal Discharging
SCL322	948	'544050060_/_505012719_1'		10	10	10	3.28	3.7	10	0.28 Yes	3.28	Thermal Discharging
SCL322	949	'7273575_/_7273573'		6.67	6.67	6.67	2.18	2.47	6.67	0.19 Yes	2.18	Thermal Discharging
SCL322	950	'4047029_/_68195746_1'		3.33	3.33	3.33	1.09	0.7	3.33	0.09 Yes	0.7	Element Fault
SCL322	951	'4024240_/_4024238'		10	10	10	3.28	10	10	0.28 Yes	3.28	Thermal Discharging
SCL322	952	'157408434_/_3706022'		10	10	10	3.28	10	10	0.28 Yes	3.28	Thermal Discharging
SCL322	953	'544050378_/_505013796'		10	10	10	3.28	10	10	0.28 Yes	3.28	Thermal Discharging
SCL322	954	'505013763_/_505013761'		10	10	10	3.28	10	10	0.28 Yes	3.28	Thermal Discharging
SCL322	955	'505012686_/_505012719_2'		10	10	10	3.28	3.7	10	0.28 Yes	3.28	Thermal Discharging
SCL322	956	'585370178_/_7804865'		10	10	10	3.28	3.7	10	0.28 Yes	3.28	Thermal Discharging
SCL322	957	'44057993_/_44057997'		3.33	3.33	3.33	1.09	1.2	3.33	0.09 Yes	1.09	Thermal Discharging
SCL322	958	'7589332_/_8163431'		10	10	10	3.28	3.6	10	0.28 Yes	3.28	Thermal Discharging
SCL322	959	'505012534_/_505012563'		3.33	3.33	3.33	1.09	3.33	3.33	0.09 Yes	1.09	Thermal Discharging
SCL322	960	'585370026_/_505012538_1'		3.33	3.33	3.33	1.09	1.2	3.33	0.09 Yes	1.09	Thermal Discharging
SCL322	961	'505012482_/_505012511'		3.33	3.33	3.33	1.09	3.33	3.33	0.09 Yes	1.09	Thermal Discharging
SCL322	962	'585370015_/_505012486_1'		3.33	3.33	3.33	1.09	1.2	3.33	0.09 Yes	1.09	Thermal Discharging
SCL322	963	'505012432_/_505013744'		10	10	10	3.28	10	10	0.28 Yes	3.28	Thermal Discharging
SCL322	964	'4020973_/_4024732'		10	10	10	3.28	10	10	0.28 Yes	3.28	Thermal Discharging
SCL322	965	'3712187_/_3712184'		3.33	3.33	3.33	1.09	1.2	3.33	0.09 Yes	1.09	Thermal Discharging
SCL322	966	'474010616_/_474010613'		10	10	10	3.28	3.6	10	0.28 Yes	3.28	Thermal Discharging
SCL322	967	'44069417_/_7168339'		3.33	3.33	3.33	0.09	2.63	3.33	3.33 Yes	0.09	Thermal Discharging
SCL322	968	'544049973_/_505013723'		10	10	10	3.28	10	10	0.28 Yes	3.28	Thermal Discharging
SCL322	969	'157408396_/_157408436'		10	10	10	3.28	10	10	0.28 Yes	3.28	Thermal Discharging
SCL322	970	'3714544_/_3715261'		10	10	10	3.28	3.7	10	0.28 Yes	3.28	Thermal Discharging
SCL322	971	'585370061_/_544049971_1'		3.33	3.33	3.33	1.09	0.4	3.33	0.09 Yes	0.4	Element Fault
SCL322	972	'4020956_/_4020970'		10	10	10	3.28	10	10	0.28 Yes	3.28	Thermal Discharging
SCL322	973	'505013640_/_505013638'		10	10	10	3.28	10	10	0.28 Yes	3.28	Thermal Discharging
SCL322	974	'43367491_/_3709660'		3.33	3.33	3.33	0.09	2.6	3.33	3.33 Yes	0.09	Thermal Discharging
SCL322	975	'7608801_/_7608799_1'		10	10	10	3.28	3.6	10	0.28 Yes	3.28	Thermal Discharging
SCL322	976	'3724989_/_3725003'		10	10	10	3.28	4.5	10	0.28 Yes	3.28	Thermal Discharging
SCL322	977	'3709663_/_43367493'		3.33	3.33	3.33	0.09	2.6	3.33	3.33 Yes	0.09	Thermal Discharging
SCL322	978	'3714472_/_3714469'		3.33	3.33	3.33	0.12	1.2	3.33	3.3 Yes	0.12	Thermal Discharging
SCL322	979	'361726532_/_505013623'		10	10	10	3.28	10	10	0.28 Yes	3.28	Thermal Discharging
SCL322	980	'7274122_/_7274119_2'		3.33	3.33	3.33	1.09	1.5	3.33	0.09 Yes	1.09	Thermal Discharging
SCL322	981	'505012316_/_544049971_2'		3.33	3.33	3.33	1.09	0.4	3.33	0.09 Yes	0.4	Element Fault
SCL322	982	'4020939_/_4020953'		10	10	10	3.28	10	10	0.28 Yes	3.28	Thermal Discharging
SCL322	983	'361726683_/_361726623_1'		3.33	3.33	3.33	1.09	1.2	3.33	0.09 Yes	1.09	Thermal Discharging
SCL322	984	'157408358_/_157408398'		10	10	10	3.28	10	10	0.28 Yes	3.28	Thermal Discharging
SCL322	985	'4020990_/_4020987_1'		10	10	10	3.28	10	10	0.28 Yes	3.28	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SCL322	986	'529756580_/_529756324'		10	10	10	3.28	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	987	'43430406_/_4020987_2'		10	10	10	3.28	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	988	'43370557_/_3714524'		10	10	10	0.37	10	10	9.91 Yes	0.37 Thermal Discharging
SCL322	989	'529756703_/_529756384_2'		10	10	10	3.28	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	990	'4020922_/_4020936'		10	10	10	3.28	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	991	'529755850_/_529756384_1'		10	10	10	3.28	3.7	10	0.28 Yes	3.28 Thermal Discharging
SCL322	992	'4020921_/_4020919'		10	10	10	3.28	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	993	'9502377_/_9502390_1'	3.33	3.33	3.33	3.33	1.09	1.2	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	994	'3724969_/_3724986'		10	10	10	3.28	4.5	10	0.28 Yes	3.28 Thermal Discharging
SCL322	995	'7589896_/_505012486_2'	3.33	3.33	3.33	3.33	1.09	1.2	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	996	'529756256_/_529756286'		10	10	10	3.28	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	997	'529755790_/_529756226'		10	10	10	3.28	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	998	'43368578_/_3706138_2'	3.33	3.33	3.33	3.33	1.09	1.2	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	999	'529756857_/_529755964_1'	3.33	3.33	3.33	3.33	1.09	1.2	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	1000	'43430345_/_43430347'		10	10	10	3.28	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	1001	'157408144_/_157408360'		10	10	10	3.28	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	1002	'3714543_/_3714541'		10	10	10	3.28	3.7	10	0.28 Yes	3.28 Thermal Discharging
SCL322	1003	'43367769_/_3710278'	3.33	3.33	3.33	3.33	1.09	1.2	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	1004	'529755921_/_529755964_2'	3.33	3.33	3.33	3.33	1.09	1.2	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	1005	'3722379_/_529755854'		10	10	10	3.28	3.7	10	0.28 Yes	3.28 Thermal Discharging
SCL322	1006	'667240814_/_667145512'		10	10	10	3.28	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	1007	'43430358_/_43430360'		10	10	10	3.28	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	1008	'43368648_/_3706244'	3.33	3.33	3.33	3.33	1.09	1.2	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	1009	'7589658_/_505012538_2'	3.33	3.33	3.33	3.33	1.09	1.2	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	1010	'4021131_/_4021179'		10	10	10	3.28	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	1011	'3714485_/_3714482'	3.33	3.33	3.33	3.33	0.12	1.2	3.33	3.3 Yes	0.12 Thermal Discharging
SCL322	1012	'43430817_/_4021128'		10	10	10	3.28	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	1013	'86216078_/_7273421_1'	3.33	3.33	3.33	3.33	1.09	0.7	3.33	0.09 Yes	0.7 Element Fault
SCL322	1014	'667145462_/_667145487'		10	10	10	3.28	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	1015	'4021114_/_4021162'		10	10	10	3.28	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	1016	'43370262_/_43370264'	3.33	3.33	3.33	3.33	1.09	1.5	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	1017	'69146005_/_69146016'	3.33	3.33	3.33	3.33	1.09	1.2	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	1018	'8852132_/_361726623_2'	3.33	3.33	3.33	3.33	1.09	1.2	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	1019	'43430830_/_4021111'		10	10	10	3.28	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	1020	'3725056_/_8533590_1'	3.33	3.33	3.33	3.33	1.09	0.7	3.33	0.09 Yes	0.7 Element Fault
SCL322	1021	'157408124_/_157408146'		10	10	10	3.28	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	1022	'3710631_/_3710628'	3.33	3.33	3.33	3.33	1.09	1.2	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	1023	'4021097_/_4021145'		10	10	10	3.28	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	1024	'383588471_/_667145460'		10	10	10	3.28	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	1025	'8871329_/_9502390_2'	3.33	3.33	3.33	3.33	1.09	1.2	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	1026	'383588653_/_3722416'		10	10	10	3.28	3.7	10	0.28 Yes	3.28 Thermal Discharging
SCL322	1027	'3724109_/_3724123'		10	10	10	3.28	3.7	10	0.28 Yes	3.28 Thermal Discharging
SCL322	1028	'4021096_/_4021094'		10	10	10	3.28	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	1029	'4021216_/_4021230'		10	10	10	3.28	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	1030	'9480450_/_505012892'	3.33	3.33	3.33	3.33	1.09	1.2	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	1031	'157408086_/_157408126'		10	10	10	3.28	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	1032	'4021079_/_4042094'		10	10	10	3.28	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	1033	'7274121_/_7274119_1'	3.33	3.33	3.33	3.33	1.09	0.7	3.33	0.09 Yes	0.7 Element Fault
SCL322	1034	'4021199_/_4021196_2'		10	10	10	3.28	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	1035	'3724092_/_3724106'		10	10	10	3.28	3.7	10	0.28 Yes	3.28 Thermal Discharging
SCL322	1036	'4020725_/_4021077'		10	10	10	3.28	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	1037	'3716762_/_3716759'		10	10	10	0.37	10	10	9.91 Yes	0.37 Thermal Discharging
SCL322	1038	'465792740_/_468974315'		10	10	10	3.28	3.7	10	0.28 Yes	3.28 Thermal Discharging
SCL322	1039	'8852048_/_9480666_1'	6.9	10	10	10	3.28	2.2	10	0.28 Yes	2.2 Element Fault
SCL322	1040	'720712734_/_720712756'	3.33	3.33	3.33	3.33	1.09	0.7	3.33	0.09 Yes	0.7 Element Fault
SCL322	1041	'7608802_/_7608799_2'		10	10	10	3.28	3.6	10	0.28 Yes	3.28 Thermal Discharging
SCL322	1042	'3722436_/_3722433'		10	10	10	3.28	3.7	10	0.28 Yes	3.28 Thermal Discharging
SCL322	1043	'43431054_/_4020780'		10	10	10	3.28	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	1044	'61697022_/_3725070_1'		10	10	10	3.28	2.8	10	0.28 Yes	2.8 Element Fault
SCL322	1045	'44062674_/_3722969'	3.33	3.33	3.33	3.33	0.12	1.2	3.33	3.3 Yes	0.12 Thermal Discharging
SCL322	1046	'43370249_/_43370251'		10	10	10	3.28	4.5	10	0.28 Yes	3.28 Thermal Discharging
SCL322	1047	'61697116_/_43431034_1'	3.33	3.33	3.33	3.33	1.09	0.4	3.33	0.09 Yes	0.4 Element Fault
SCL322	1048	'4020738_/_4020797'		10	10	10	3.28	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	1049	'4020817_/_4020814'		10	10	10	3.28	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	1050	'8533592_/_8533590_2'	3.33	3.33	3.33	3.33	1.09	0.7	3.33	0.09 Yes	0.7 Element Fault
SCL322	1051	'8533644_/_529755927'	3.33	3.33	3.33	3.33	1.09	1.2	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	1052	'157408048_/_157408088'		10	10	10	3.28	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	1053	'8532909_/_8532958'		10	10	10	3.28	3.7	10	0.28 Yes	3.28 Thermal Discharging
SCL322	1054	'4020834_/_4020831'		10	10	10	3.28	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	1055	'102948987_/_102948955'	6.67	6.67	6.67	6.67	2.18	2.47	6.67	0.19 Yes	2.18 Thermal Discharging
SCL322	1056	'4042071_/_43431034_2'	3.33	3.33	3.33	3.33	1.09	0.4	3.33	0.09 Yes	0.4 Element Fault
SCL322	1057	'3725106_/_3725070_2'		10	10	10	3.28	2.8	10	0.28 Yes	2.8 Element Fault
SCL322	1058	'512351691_/_512351688'	3.33	3.33	3.33	3.33	1.09	1.23	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	1059	'4020754_/_4020848'		10	10	10	3.28	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	1060	'512351731_/_512351365_2'	3.33	3.33	3.33	3.33	1.09	1.23	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	1061	'8871330_/_8871327'	3.33	3.33	3.33	3.33	1.09	1.2	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	1062	'43431112_/_4020868'		10	10	10	3.28	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	1063	'3722453_/_3722450'		10	10	10	3.28	3.7	10	0.28 Yes	3.28 Thermal Discharging
SCL322	1064	'3706234_/_3706231'	3.33	3.33	3.33	3.33	1.09	1.2	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	1065	'8533556_/_8533554'	3.33	3.33	3.33	3.33	1.09	0.7	3.33	0.09 Yes	0.7 Element Fault
SCL322	1066	'102948950_/_8532906'		10	10	10	3.28	3.7	10	0.28 Yes	3.28 Thermal Discharging
SCL322	1067	'4019945_/_4019959'		10	10	10	3.28	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	1068	'4020047_/_4020735_1'	3.33	3.33	3.33	3.33	1.09	0.7	3.33	0.09 Yes	0.7 Element Fault
SCL322	1069	'3706025_/_157408050'		10	10	10	3.28	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	1070	'4019928_/_4019942'		10	10	10	3.28	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	1071	'7908924_/_7908921_1'		10	10	10	3.28	3.7	10	0.28 Yes	3.28 Thermal Discharging
SCL322	1072	'43370188_/_3724089'		10	10	10	3.28	3.7	10	0.28 Yes	3.28 Thermal Discharging
SCL322	1073	'4020766_/_4020764'	3.33	3.33	3.33	3.33	1.09	2.8	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	1074	'4019874_/_4019925'		10	10	10	3.28	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	1075	'3706079_/_3706089_1'	3.33	3.33	3.33	3.33	1.09	1.2	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	1076	'477255453_/_4020888_1'	3.33	3.33	3.33	3.33	1.09	1.2	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	1077	'43430953_/_43430955'		10	10	10	3.28	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	1078	'43370614_/_3716776'		10	10	10	0.37	10	10	9.91 Yes	0.37 Thermal Discharging
SCL322	1079	'4019787_/_4020735_2'	3.33	3.33	3.33	3.33	1.09	0.7	3.33	0.09 Yes	0.7 Element Fault

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SCL322	1080	'43370212_/44062676'	3.33		3.33	3.33	0.12	1.2	3.33	3.3 Yes	0.12 Thermal Discharging
SCL322	1081	'157407696_/3706059'	10		10	10	3.28	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	1082	'4019591_/4019608'	10		10	10	3.28	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	1083	'69146006_/3712420'	3.33		3.33	3.33	1.09	1.2	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	1084	'7273954_/7589655'	3.33		3.33	3.33	1.09	1.2	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	1085	'679780310_/4019872_2'	6.67		6.67	6.67	2.18	6.67	6.67	0.19 Yes	2.18 Thermal Discharging
SCL322	1086	'43430804_/4019588'	10		10	10	3.28	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	1087	'4019841_/4019872_1'	6.67		6.67	6.67	2.18	1.5	6.67	0.19 Yes	1.5 Element Fault
SCL322	1088	'3722754_/3722751'	10		10	10	3.28	3.7	10	0.28 Yes	3.28 Thermal Discharging
SCL322	1089	'39974460_/3710641'	3.33		3.33	3.33	1.09	1.2	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	1090	'4019557_/4019571'	10		10	10	3.28	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	1091	'157406728_/157407698'	10		10	10	3.28	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	1092	'512351349_/512351365_1'	3.33		3.33	3.33	1.09	1.2	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	1093	'3724968_/3724966'	10		10	10	3.28	4.5	10	0.28 Yes	3.28 Thermal Discharging
SCL322	1094	'4019540_/4019554'	10		10	10	3.28	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	1095	'126278043_/120949735_1'	3.33		3.33	3.33	1.09	1.2	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	1096	'8532908_/102948992'	10		10	10	3.28	3.7	10	0.28 Yes	3.28 Thermal Discharging
SCL322	1097	'157406708_/157406730'	10		10	10	3.28	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	1098	'4018675_/4019537'	10		10	10	3.28	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	1099	'7908270_/8851769'	10		10	10	3.28	3.7	10	0.28 Yes	3.28 Thermal Discharging
SCL322	1100	'44054869_/3722771'	10		10	10	3.28	3.7	10	0.28 Yes	3.28 Thermal Discharging
SCL322	1101	'4018674_/4018672'	10		10	10	3.28	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	1102	'3716262_/3716260'	10		10	10	3.28	3.7	10	0.28 Yes	3.28 Thermal Discharging
SCL322	1103	'391815206_/88822265_2'	3.33		3.33	3.33	1.09	1.23	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	1104	'120949738_/120949735_2'	3.33		3.33	3.33	1.09	1.2	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	1105	'8533215_/9480448'	3.33		3.33	3.33	1.09	1.2	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	1106	'391815212_/391815175_1'	1.6		3.33	3.33	1.09	1.2	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	1107	'43368626_/3706089_2'	3.33		3.33	3.33	1.09	1.2	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	1108	'43430547_/43430549'	10		10	10	3.28	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	1109	'3706044_/157406710'	10		10	10	3.28	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	1110	'7908975_/8223520'	6.67		6.67	6.67	2.18	2.47	6.67	0.19 Yes	2.18 Thermal Discharging
SCL322	1111	'4018735_/4018799'	10		10	10	3.28	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	1112	'43368467_/3712200'	3.33		3.33	3.33	1.09	1.2	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	1113	'88822268_/88822265_1'	3.33		3.33	3.33	1.09	1.2	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	1114	'8223319_/8223316_2'	3.33		3.33	3.33	1.09	1.2	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	1115	'70105353_/70105299'	10		10	10	3.28	3.7	10	0.28 Yes	3.28 Thermal Discharging
SCL322	1116	'3712170_/3712433'	3.33		3.33	3.33	1.09	1.2	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	1117	'88823302_/88822337_1'	3.33		3.33	3.33	1.09	0.7	3.33	0.09 Yes	0.7 Element Fault
SCL322	1118	'4018784_/4018782'	10		10	10	3.28	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	1119	'70105478_/102571148_1'	10		10	10	3.28	2.2	10	0.28 Yes	2.2 Element Fault
SCL322	1120	'4018852_/4018867_2'	10		10	10	3.28	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	1121	'43431125_/4020888_2'	3.33		3.33	3.33	1.09	1.2	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	1122	'8851880_/9480790'	3.33		3.33	3.33	1.09	0.7	3.33	0.09 Yes	0.7 Element Fault
SCL322	1123	'4018721_/4018719_2'	3.33		3.33	3.33	1.09	3.33	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	1124	'3716918_/43370616'	10		10	10	0.37	10	10	9.91 Yes	0.37 Thermal Discharging
SCL322	1125	'3710254_/43367771'	3.33		3.33	3.33	1.09	1.2	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	1126	'157406663_/3706042'	10		10	10	3.28	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	1127	'7908976_/7908973'	3.33		3.33	3.33	1.09	1.23	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	1128	'7908943_/8852161'	3.33		3.33	3.33	1.09	1.23	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	1129	'7908269_/7908267'	10		10	10	3.28	3.7	10	0.28 Yes	3.28 Thermal Discharging
SCL322	1130	'3717015_/3717099_1'	3.33		3.33	3.33	0.12	1.2	3.33	3.3 Yes	0.12 Thermal Discharging
SCL322	1131	'3722791_/44054871'	10		10	10	3.28	3.7	10	0.28 Yes	3.28 Thermal Discharging
SCL322	1132	'3712651_/43368617'	3.33		3.33	3.33	1.09	1.2	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	1133	'4018292_/4018745'	10		10	10	3.28	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	1134	'483302086_/43368469'	3.33		3.33	3.33	1.09	1.2	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	1135	'302567882_/4018290_1'	10		10	10	3.28	3.7	10	0.28 Yes	3.28 Thermal Discharging
SCL322	1136	'120949759_/120949770'	3.33		3.33	3.33	1.09	1.2	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	1137	'3714510_/3722982'	3.33		3.33	3.33	0.12	1.2	3.33	3.3 Yes	0.12 Thermal Discharging
SCL322	1138	'102571143_/102571148_2'	10		10	10	3.28	2.2	10	0.28 Yes	2.2 Element Fault
SCL322	1139	'7589263_/7589261_1'	3.33		3.33	3.33	0.12	0.7	3.33	3.3 Yes	0.12 Thermal Discharging
SCL322	1140	'8533492_/9480738'	3.33		3.33	3.33	1.09	1.23	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	1141	'120950690_/120949930'	3.33		3.33	3.33	1.09	1.2	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	1142	'157406686_/157406665'	10		10	10	3.28	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	1143	'7908401_/9148417'	3.33		3.33	3.33	1.09	0.7	3.33	0.09 Yes	0.7 Element Fault
SCL322	1144	'102571190_/102571219'	10		10	10	3.28	2.2	10	0.28 Yes	2.2 Element Fault
SCL322	1145	'44069431_/44069419'	3.33		3.33	3.33	0.09	2.63	3.33	3.33 Yes	0.09 Thermal Discharging
SCL322	1146	'3722850_/3722847'	10		10	10	3.28	3.7	10	0.28 Yes	3.28 Thermal Discharging
SCL322	1147	'4018722_/4018719_1'	3.33		3.33	3.33	1.09	1.2	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	1148	'102571104_/102571201'	10		10	10	3.28	2.2	10	0.28 Yes	2.2 Element Fault
SCL322	1149	'3706092_/43368628'	3.33		3.33	3.33	1.09	1.2	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	1150	'3717102_/3717099_2'	3.33		3.33	3.33	0.12	1.2	3.33	3.3 Yes	0.12 Thermal Discharging
SCL322	1151	'4019230_/4019989'	3.33		3.33	3.33	1.09	1.2	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	1152	'43370716_/3716929'	10		10	10	0.37	10	10	9.91 Yes	0.37 Thermal Discharging
SCL322	1153	'4018293_/4018290_2'	10		10	10	3.28	3.7	10	0.28 Yes	3.28 Thermal Discharging
SCL322	1154	'70105402_/70105438'	10		10	10	3.28	2.2	10	0.28 Yes	2.2 Element Fault
SCL322	1155	'43370694_/3716916'	3.33		3.33	3.33	0.12	3.33	3.33	3.3 Yes	0.12 Thermal Discharging
SCL322	1156	'7609289_/7609287_1'	3.33		3.33	3.33	1.09	0.7	3.33	0.09 Yes	0.7 Element Fault
SCL322	1157	'3712448_/43368503'	3.33		3.33	3.33	1.09	1.2	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	1158	'7273953_/7273951'	3.33		3.33	3.33	1.09	1.2	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	1159	'8533645_/8533642'	3.33		3.33	3.33	1.09	1.2	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	1160	'51754399_/3712462'	3.33		3.33	3.33	1.09	1.2	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	1161	'88822326_/88822337_2'	3.33		3.33	3.33	1.09	0.7	3.33	0.09 Yes	0.7 Element Fault
SCL322	1162	'8852180_/8852177'	3.33		3.33	3.33	1.09	1.23	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	1163	'49932891_/4018816_1'	10		10	10	3.28	2.2	10	0.28 Yes	2.2 Element Fault
SCL322	1164	'56467350_/3722864'	10		10	10	3.28	3.7	10	0.28 Yes	3.28 Thermal Discharging
SCL322	1165	'512351410_/512351426'	3.33		3.33	3.33	1.09	1.2	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	1166	'44057968_/44057970'	3.33		3.33	3.33	1.09	1.2	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	1167	'102008400_/8163393'	10		10	10	3.28	3.7	10	0.28 Yes	3.28 Thermal Discharging
SCL322	1168	'4018767_/4018816_2'	10		10	10	3.28	2.2	10	0.28 Yes	2.2 Element Fault
SCL322	1169	'157406786_/157406688'	10		10	10	3.28	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	1170	'8851915_/9168526'	10		10	10	3.28	2.2	10	0.28 Yes	2.2 Element Fault
SCL322	1171	'4018390_/4018387'	3.33		3.33	3.33	1.09	1.23	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	1172	'8532996_/8533212'	3.33		3.33	3.33	1.09	1.2	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	1173	'8163395_/102008534'	10		10	10	3.28	3.7	10	0.28 Yes	3.28 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SCL322	1174	'4018709_/_4018706'	3.33	3.33	3.33	3.33	1.09	1.23	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	1175	'44062685_/_3714508'	3.33	3.33	3.33	3.33	0.12	1.2	3.33	3.3 Yes	0.12 Thermal Discharging
SCL322	1176	'43368479_/_483302090'	3.33	3.33	3.33	3.33	1.09	1.2	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	1177	'512351442_/_512351450'	3.33	3.33	3.33	3.33	1.09	1.2	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	1178	'157407613_/_157407573'	10	10	10	10	3.28	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	1179	'3716919_/_43370696'	3.33	3.33	3.33	3.33	0.12	3.33	3.33	3.3 Yes	0.12 Thermal Discharging
SCL322	1180	'3710255_/_43367749'	3.33	3.33	3.33	3.33	1.09	1.2	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	1181	'3722867_/_56467347'	3.33	3.33	3.33	3.33	1.09	1.23	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	1182	'3716949_/_43370718'	10	10	10	10	0.37	10	10	9.91 Yes	0.37 Thermal Discharging
SCL322	1183	'3720122_/_7122429'	3.33	3.33	3.33	3.33	1.09	1.2	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	1184	'3722904_/_3722914_1'	3.33	3.33	3.33	3.33	1.09	1.2	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	1185	'7589673_/_7589671_1'	3.33	3.33	3.33	3.33	1.09	1.2	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	1186	'3716969_/_3716966_1'	3.33	3.33	3.33	3.33	0.12	0.4	3.33	3.3 Yes	0.12 Thermal Discharging
SCL322	1187	'7589384_/_8851877'	3.33	3.33	3.33	3.33	1.09	0.7	3.33	0.09 Yes	0.7 Element Fault
SCL322	1188	'7908385_/_7908399'	3.33	3.33	3.33	3.33	1.09	0.7	3.33	0.09 Yes	0.7 Element Fault
SCL322	1189	'157407655_/_157407615'	10	10	10	10	3.28	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	1190	'8223455_/_9480186'	10	10	10	10	3.28	3.7	10	0.28 Yes	3.28 Thermal Discharging
SCL322	1191	'56467382_/_3722818'	3.33	3.33	3.33	3.33	1.09	1.23	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	1192	'43431067_/_4019228'	3.33	3.33	3.33	3.33	1.09	1.2	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	1193	'43368523_/_43368514'	3.33	3.33	3.33	3.33	1.09	1.2	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	1194	'112147905_/_112147914'	3.33	3.33	3.33	3.33	1.09	1.2	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	1195	'43368254_/_157407657'	10	10	10	10	3.28	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	1196	'88822360_/_88822371'	3.33	3.33	3.33	3.33	1.09	0.7	3.33	0.09 Yes	0.7 Element Fault
SCL322	1197	'3722917_/_3722914_2'	3.33	3.33	3.33	3.33	1.09	1.2	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	1198	'43370201_/_44062687'	3.33	3.33	3.33	3.33	0.12	1.2	3.33	3.3 Yes	0.12 Thermal Discharging
SCL322	1199	'7589264_/_7589261_2'	3.33	3.33	3.33	3.33	0.12	0.7	3.33	3.3 Yes	0.12 Thermal Discharging
SCL322	1200	'157282451_/_43368256'	10	10	10	10	3.28	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	1201	'8533493_/_8533490'	3.33	3.33	3.33	3.33	1.09	1.23	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	1202	'43370729_/_3717213'	10	10	10	10	0.37	10	10	9.91 Yes	0.37 Thermal Discharging
SCL322	1203	'89518389_/_8807568_2'	3.33	3.33	3.33	3.33	1.09	1.2	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	1204	'69435678_/_9148291_1'	3.33	3.33	3.33	3.33	1.09	0.7	3.33	0.09 Yes	0.7 Element Fault
SCL322	1205	'43370705_/_3716966_2'	3.33	3.33	3.33	3.33	0.12	0.4	3.33	3.3 Yes	0.12 Thermal Discharging
SCL322	1206	'7274073_/_8852193'	3.33	3.33	3.33	3.33	1.09	1.23	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	1207	'7589399_/_7908383'	3.33	3.33	3.33	3.33	1.09	0.7	3.33	0.09 Yes	0.7 Element Fault
SCL322	1208	'7908944_/_7908941'	3.33	3.33	3.33	3.33	1.09	1.23	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	1209	'375629237_/_7273607'	10	10	10	10	3.28	3.7	10	0.28 Yes	3.28 Thermal Discharging
SCL322	1210	'9057121_/_9057119_1'	10	10	10	10	0.28	2.2	10	10 Yes	0.28 Thermal Discharging
SCL322	1211	'7589415_/_8851913'	10	10	10	10	3.28	2.2	10	0.28 Yes	2.2 Element Fault
SCL322	1212	'7589400_/_7589397'	3.33	3.33	3.33	3.33	1.09	0.7	3.33	0.09 Yes	0.7 Element Fault
SCL322	1213	'7293897_/_7609287_2'	3.33	3.33	3.33	3.33	1.09	0.7	3.33	0.09 Yes	0.7 Element Fault
SCL322	1214	'8223540_/_8852209'	3.33	3.33	3.33	3.33	1.09	1.23	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	1215	'157282530_/_157282492'	10	10	10	10	3.28	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	1216	'43368490_/_3712213'	3.33	3.33	3.33	3.33	1.09	1.2	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	1217	'7179064_/_43370731'	10	10	10	10	0.37	10	10	9.91 Yes	0.37 Thermal Discharging
SCL322	1218	'3724917_/_43370707_1'	3.33	3.33	3.33	3.33	0.12	0.4	3.33	3.3 Yes	0.12 Thermal Discharging
SCL322	1219	'4019244_/_4019241'	3.33	3.33	3.33	3.33	1.09	1.2	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	1220	'43368333_/_3712688'	3.33	3.33	3.33	3.33	1.09	1.2	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	1221	'43370603_/_3714495'	3.33	3.33	3.33	3.33	0.12	1.2	3.33	3.3 Yes	0.12 Thermal Discharging
SCL322	1222	'7908489_/_8532994'	3.33	3.33	3.33	3.33	1.09	1.2	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	1223	'157282570_/_157282532'	10	10	10	10	3.28	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	1224	'44057957_/_3719945'	3.33	3.33	3.33	3.33	1.09	1.2	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	1225	'7589416_/_7589413'	10	10	10	10	3.28	2.2	10	0.28 Yes	2.2 Element Fault
SCL322	1226	'3720123_/_3720120'	3.33	3.33	3.33	3.33	1.09	1.2	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	1227	'3724916_/_43370707_2'	3.33	3.33	3.33	3.33	0.12	0.4	3.33	3.3 Yes	0.12 Thermal Discharging
SCL322	1228	'7589383_/_7589381'	3.33	3.33	3.33	3.33	1.09	0.7	3.33	0.09 Yes	0.7 Element Fault
SCL322	1229	'108926036_/_108926033'	3.33	3.33	3.33	3.33	1.09	1.2	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	1230	'43368534_/_43368525'	3.33	3.33	3.33	3.33	1.09	1.2	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	1231	'7273646_/_7273643'	10	10	10	10	3.28	3.7	10	0.28 Yes	3.28 Thermal Discharging
SCL322	1232	'7274074_/_7274071'	3.33	3.33	3.33	3.33	1.09	1.23	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	1233	'157283081_/_157405998'	10	10	10	10	3.28	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	1234	'7793453_/_7908487'	3.33	3.33	3.33	3.33	1.09	1.2	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	1235	'7908449_/_7908447'	10	10	10	10	3.28	3.7	10	0.28 Yes	3.28 Thermal Discharging
SCL322	1236	'7273610_/_375629257'	10	10	10	10	3.28	3.7	10	0.28 Yes	3.28 Thermal Discharging
SCL322	1237	'9480301_/_9480298'	3.33	3.33	3.33	3.33	1.09	0.73	3.33	0.09 Yes	0.73 Element Fault
SCL322	1238	'108926057_/_108926054'	3.33	3.33	3.33	3.33	1.09	1.2	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	1239	'102216887_/_88822406'	3.33	3.33	3.33	3.33	1.09	0.7	3.33	0.09 Yes	0.7 Element Fault
SCL322	1240	'43371638_/_3720185'	3.33	3.33	3.33	3.33	1.09	1.2	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	1241	'7179065_/_7179062'	10	10	10	10	0.37	10	10	9.91 Yes	0.37 Thermal Discharging
SCL322	1242	'8223541_/_8223538'	3.33	3.33	3.33	3.33	1.09	1.23	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	1243	'3716795_/_43370605'	3.33	3.33	3.33	3.33	0.12	1.2	3.33	3.3 Yes	0.12 Thermal Discharging
SCL322	1244	'702947127_/_650116405_2'	10	10	10	10	0.37	10	10	9.91 Yes	0.37 Thermal Discharging
SCL322	1245	'7273969_/_8807568_1'	3.33	3.33	3.33	3.33	1.09	0.7	3.33	0.09 Yes	0.7 Element Fault
SCL322	1246	'7793454_/_7793451'	3.33	3.33	3.33	3.33	1.09	1.2	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	1247	'9480317_/_9480314'	3.33	3.33	3.33	3.33	1.09	0.73	3.33	0.09 Yes	0.73 Element Fault
SCL322	1248	'43370923_/_3717680'	10	10	10	10	0.37	10	10	9.91 Yes	0.37 Thermal Discharging
SCL322	1249	'157283121_/_157283083'	10	10	10	10	3.28	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	1250	'3720646_/_3720643'	3.33	3.33	3.33	3.33	1.09	1.2	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	1251	'8532981_/_8532978'	3.33	3.33	3.33	3.33	1.09	0.7	3.33	0.09 Yes	0.7 Element Fault
SCL322	1252	'4017667_/_4019254'	3.33	3.33	3.33	3.33	1.09	1.2	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	1253	'7273424_/_7273421_2'	3.33	3.33	3.33	3.33	1.09	0.7	3.33	0.09 Yes	0.7 Element Fault
SCL322	1254	'44069445_/_44069433'	3.33	3.33	3.33	3.33	0.09	2.63	3.33	3.33 Yes	0.09 Thermal Discharging
SCL322	1255	'3712064_/_43368335'	3.33	3.33	3.33	3.33	1.09	1.2	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	1256	'508800884_/_43368492'	3.33	3.33	3.33	3.33	1.09	1.2	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	1257	'43368456_/_508800888_1'	3.33	3.33	3.33	3.33	1.09	1.2	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	1258	'508800862_/_43368458_1'	3.33	3.33	3.33	3.33	1.09	1.2	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	1259	'7908366_/_7908467'	10	10	10	10	3.28	3.7	10	0.28 Yes	3.28 Thermal Discharging
SCL322	1260	'8134569_/_9067967'	3.33	3.33	3.33	3.33	1.09	1.23	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	1261	'157283161_/_157283123'	10	10	10	10	3.28	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	1262	'129037765_/_108926117'	3.33	3.33	3.33	3.33	1.09	1.2	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	1263	'43370581_/_3716806'	3.33	3.33	3.33	3.33	0.12	1.2	3.33	3.3 Yes	0.12 Thermal Discharging
SCL322	1264	'7793437_/_8115618'	3.33	3.33	3.33	3.33	1.09	1.2	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	1265	'650116389_/_650116405_1'	10	10	10	10	0.37	3.6	10	9.91 Yes	0.37 Thermal Discharging
SCL322	1266	'390151277_/_43370925'	10	10	10	10	0.37	10	10	9.91 Yes	0.37 Thermal Discharging
SCL322	1267	'650116479_/_650116462'	10	10	10	10	0.37	3.6	10	9.91 Yes	0.37 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SCL322	1268	'390151349___/390151247_1'	10	10	10	0.37	3.7	10	9.91	Yes	0.37 Thermal Discharging
SCL322	1269	'43368545___/43368536'	3.33	3.33	3.33	1.09	1.2	3.33	0.09	Yes	1.09 Thermal Discharging
SCL322	1270	'3720201___/3720198'	3.33	3.33	3.33	1.09	1.2	3.33	0.09	Yes	1.09 Thermal Discharging
SCL322	1271	'3720659___/3720656'	3.33	3.33	3.33	1.09	1.2	3.33	0.09	Yes	1.09 Thermal Discharging
SCL322	1272	'157283201___/157283163'	10	10	10	3.28	10	10	0.28	Yes	3.28 Thermal Discharging
SCL322	1273	'427912912___/427912888'	3.33	3.33	3.33	1.09	1.2	3.33	0.09	Yes	1.09 Thermal Discharging
SCL322	1274	'43370570___/3716793'	3.33	3.33	3.33	0.12	1.2	3.33	3.3	Yes	0.12 Thermal Discharging
SCL322	1275	'7908908___/7908905'	3.33	3.33	3.33	1.09	1.23	3.33	0.09	Yes	1.09 Thermal Discharging
SCL322	1276	'427913451___/427912941_1'	3.33	3.33	3.33	1.09	0.7	3.33	0.09	Yes	0.7 Element Fault
SCL322	1277	'7908959___/9480722'	3.33	3.33	3.33	1.09	1.23	3.33	0.09	Yes	1.09 Thermal Discharging
SCL322	1278	'434335487___/43368547'	3.33	3.33	3.33	1.09	1.2	3.33	0.09	Yes	1.09 Thermal Discharging
SCL322	1279	'44057945___/44057947'	3.33	3.33	3.33	1.09	1.2	3.33	0.09	Yes	1.09 Thermal Discharging
SCL322	1280	'43370592___/3716848'	3.33	3.33	3.33	0.12	1.2	3.33	3.3	Yes	0.12 Thermal Discharging
SCL322	1281	'7793438___/7793435'	3.33	3.33	3.33	1.09	1.2	3.33	0.09	Yes	1.09 Thermal Discharging
SCL322	1282	'3711502___/679776300'	3.33	3.33	3.33	1.09	3.33	3.33	0.09	Yes	1.09 Thermal Discharging
SCL322	1283	'4017694___/4017691'	3.33	3.33	3.33	1.09	1.2	3.33	0.09	Yes	1.09 Thermal Discharging
SCL322	1284	'157283398___/157283203'	10	10	10	3.28	10	10	0.28	Yes	3.28 Thermal Discharging
SCL322	1285	'498957969___/498957973'	10	10	10	3.28	3.7	10	0.28	Yes	3.28 Thermal Discharging
SCL322	1286	'43368660___/434335489'	3.33	3.33	3.33	1.09	1.2	3.33	0.09	Yes	1.09 Thermal Discharging
SCL322	1287	'390151250___/390151247_2'	10	10	10	0.37	3.7	10	9.91	Yes	0.37 Thermal Discharging
SCL322	1288	'3720136___/3720133'	3.33	3.33	3.33	1.09	1.2	3.33	0.09	Yes	1.09 Thermal Discharging
SCL322	1289	'43370842___/3717717'	10	10	10	0.37	10	10	9.91	Yes	0.37 Thermal Discharging
SCL322	1290	'390151438___/390151412_1'	10	10	10	0.37	3.7	10	9.91	Yes	0.37 Thermal Discharging
SCL322	1291	'679776256___/679776232'	3.33	3.33	3.33	1.09	3.33	3.33	0.09	Yes	1.09 Thermal Discharging
SCL322	1292	'7908960___/7908957'	3.33	3.33	3.33	1.09	1.23	3.33	0.09	Yes	1.09 Thermal Discharging
SCL322	1293	'343146179___/43371618_1'	3.33	3.33	3.33	1.09	0.7	3.33	0.09	Yes	0.7 Element Fault
SCL322	1294	'8134570___/8134567'	3.33	3.33	3.33	1.09	1.23	3.33	0.09	Yes	1.09 Thermal Discharging
SCL322	1295	'157283438___/157283400'	10	10	10	3.28	10	10	0.28	Yes	3.28 Thermal Discharging
SCL322	1296	'7589911___/8533474'	3.33	3.33	3.33	1.09	1.23	3.33	0.09	Yes	1.09 Thermal Discharging
SCL322	1297	'679776269___/679776246'	3.33	3.33	3.33	1.09	3.33	3.33	0.09	Yes	1.09 Thermal Discharging
SCL322	1298	'3716851___/43370594'	3.33	3.33	3.33	0.12	0.7	3.33	3.3	Yes	0.12 Thermal Discharging
SCL322	1299	'3716822___/43370572'	3.33	3.33	3.33	0.12	1.2	3.33	3.3	Yes	0.12 Thermal Discharging
SCL322	1300	'3720188___/43371640'	3.33	3.33	3.33	1.09	1.2	3.33	0.09	Yes	1.09 Thermal Discharging
SCL322	1301	'43368672___/43368458_2'	3.33	3.33	3.33	1.09	1.2	3.33	0.09	Yes	1.09 Thermal Discharging
SCL322	1302	'7293898___/7293895'	3.33	3.33	3.33	1.09	0.7	3.33	0.09	Yes	0.7 Element Fault
SCL322	1303	'43371470___/3719932'	3.33	3.33	3.33	1.09	1.2	3.33	0.09	Yes	1.09 Thermal Discharging
SCL322	1304	'3712063___/3712061'	3.33	3.33	3.33	1.09	1.2	3.33	0.09	Yes	1.09 Thermal Discharging
SCL322	1305	'4017707___/4017704'	3.33	3.33	3.33	1.09	1.2	3.33	0.09	Yes	1.09 Thermal Discharging
SCL322	1306	'231235041___/3720146'	3.33	3.33	3.33	1.09	1.2	3.33	0.09	Yes	1.09 Thermal Discharging
SCL322	1307	'414443822___/432613543'	3.33	3.33	3.33	1.09	0.7	3.33	0.09	Yes	0.7 Element Fault
SCL322	1308	'8807554___/9148291_2'	3.33	3.33	3.33	1.09	0.7	3.33	0.09	Yes	0.7 Element Fault
SCL322	1309	'43368556___/3712675'	3.33	3.33	3.33	1.09	1.2	3.33	0.09	Yes	1.09 Thermal Discharging
SCL322	1310	'498957996___/498958012'	10	10	10	3.28	3.7	10	0.28	Yes	3.28 Thermal Discharging
SCL322	1311	'3717339___/43370844'	10	10	10	0.37	10	10	9.91	Yes	0.37 Thermal Discharging
SCL322	1312	'410876843___/3717336_2'	3.33	3.33	3.33	0.12	3.33	3.33	3.3	Yes	0.12 Thermal Discharging
SCL322	1313	'157283477___/157283440'	10	10	10	3.28	10	10	0.28	Yes	3.28 Thermal Discharging
SCL322	1314	'7589912___/7589909'	3.33	3.33	3.33	1.09	1.23	3.33	0.09	Yes	1.09 Thermal Discharging
SCL322	1315	'3716877___/3716874'	3.33	3.33	3.33	0.12	1.2	3.33	3.3	Yes	0.12 Thermal Discharging
SCL322	1316	'3719973___/43371472'	3.33	3.33	3.33	1.09	1.2	3.33	0.09	Yes	1.09 Thermal Discharging
SCL322	1317	'7273593___/7273591'	3.33	3.33	3.33	1.09	1.2	3.33	0.09	Yes	1.09 Thermal Discharging
SCL322	1318	'8421776___/9376058'	3.33	3.33	3.33	1.09	1.2	3.33	0.09	Yes	1.09 Thermal Discharging
SCL322	1319	'3711940___/43368280'	3.33	3.33	3.33	1.09	1.2	3.33	0.09	Yes	1.09 Thermal Discharging
SCL322	1320	'7809494___/7809491'	3.33	3.33	3.33	0.12	0.7	3.33	3.3	Yes	0.12 Thermal Discharging
SCL322	1321	'157283516___/157283479'	10	10	10	3.28	10	10	0.28	Yes	3.28 Thermal Discharging
SCL322	1322	'7274105___/8223574'	3.33	3.33	3.33	1.09	0.73	3.33	0.09	Yes	0.73 Element Fault
SCL322	1323	'390151378___/390151412_2'	10	10	10	0.37	3.7	10	9.91	Yes	0.37 Thermal Discharging
SCL322	1324	'8533524___/8852145'	3.33	3.33	3.33	1.09	1.23	3.33	0.09	Yes	1.09 Thermal Discharging
SCL322	1325	'498958030___/498958059'	10	10	10	3.28	3.7	10	0.28	Yes	3.28 Thermal Discharging
SCL322	1326	'3717326___/3717336_1'	3.33	3.33	3.33	0.12	1.2	3.33	3.3	Yes	0.12 Thermal Discharging
SCL322	1327	'157277245___/157283518'	10	10	10	3.28	10	10	0.28	Yes	3.28 Thermal Discharging
SCL322	1328	'3720239___/43371618_2'	3.33	3.33	3.33	1.09	0.7	3.33	0.09	Yes	0.7 Element Fault
SCL322	1329	'43368696___/3712810'	3.33	3.33	3.33	1.09	1.2	3.33	0.09	Yes	1.09 Thermal Discharging
SCL322	1330	'414443918___/414443880'	3.33	3.33	3.33	1.09	0.7	3.33	0.09	Yes	0.7 Element Fault
SCL322	1331	'3720039___/3719984'	3.33	3.33	3.33	1.09	1.2	3.33	0.09	Yes	1.09 Thermal Discharging
SCL322	1332	'3716890___/3716887'	3.33	3.33	3.33	0.12	1.2	3.33	3.3	Yes	0.12 Thermal Discharging
SCL322	1333	'390629130___/3712530'	3.33	3.33	3.33	1.09	1.2	3.33	0.09	Yes	1.09 Thermal Discharging
SCL322	1334	'43371572___/231235043'	3.33	3.33	3.33	1.09	1.2	3.33	0.09	Yes	1.09 Thermal Discharging
SCL322	1335	'7273666___/8533010_1'	3.33	3.33	3.33	0.12	0.7	3.33	3.3	Yes	0.12 Thermal Discharging
SCL322	1336	'410876502___/3717365'	10	10	10	0.37	10	10	9.91	Yes	0.37 Thermal Discharging
SCL322	1337	'43371527___/43371529'	3.33	3.33	3.33	1.09	1.2	3.33	0.09	Yes	1.09 Thermal Discharging
SCL322	1338	'427912931___/427912941_2'	3.33	3.33	3.33	1.09	0.7	3.33	0.09	Yes	0.7 Element Fault
SCL322	1339	'8421777___/8421774'	3.33	3.33	3.33	1.09	1.2	3.33	0.09	Yes	1.09 Thermal Discharging
SCL322	1340	'8741943___/44084056_2'	3.33	3.33	3.33	1.09	1.2	3.33	0.09	Yes	1.09 Thermal Discharging
SCL322	1341	'43368445___/3712714'	3.33	3.33	3.33	1.09	1.2	3.33	0.09	Yes	1.09 Thermal Discharging
SCL322	1342	'3711941___/3711938'	3.33	3.33	3.33	1.09	1.2	3.33	0.09	Yes	1.09 Thermal Discharging
SCL322	1343	'43368817___/157277247'	10	10	10	3.28	10	10	0.28	Yes	3.28 Thermal Discharging
SCL322	1344	'44069459___/44069447'	3.33	3.33	3.33	0.09	2.63	3.33	3.3	Yes	0.09 Thermal Discharging
SCL322	1345	'8533013___/8533010_2'	3.33	3.33	3.33	0.12	0.7	3.33	3.3	Yes	0.12 Thermal Discharging
SCL322	1346	'7274106___/7274103'	3.33	3.33	3.33	1.09	0.73	3.33	0.09	Yes	0.73 Element Fault
SCL322	1347	'157277183___/157277191'	10	10	10	3.28	10	10	0.28	Yes	3.28 Thermal Discharging
SCL322	1348	'410876240___/3717385'	9.3	10	10	0.37	10	10	9.91	Yes	0.37 Thermal Discharging
SCL322	1349	'429685193___/390151464'	9.7	10	10	0.37	3.7	10	9.91	Yes	0.37 Thermal Discharging
SCL322	1350	'410876620___/410876201_2'	9.3	10	10	0.37	10	10	9.91	Yes	0.37 Thermal Discharging
SCL322	1351	'395852179___/390629134_1'	3.33	3.33	3.33	1.09	0.7	3.33	0.09	Yes	0.7 Element Fault
SCL322	1352	'43368707___/43368698'	3.33	3.33	3.33	1.09	1.2	3.33	0.09	Yes	1.09 Thermal Discharging
SCL322	1353	'395852034___/390629134_2'	3.33	3.33	3.33	1.09	0.7	3.33	0.09	Yes	0.7 Element Fault
SCL322	1354	'44055191___/44055193'	3.33	3.33	3.33	0.12	1.2	3.33	3.3	Yes	0.12 Thermal Discharging
SCL322	1355	'157409348___/3713529'	10	10	10	3.28	10	10	0.28	Yes	3.28 Thermal Discharging
SCL322	1356	'43371539___/3720023'	3.33	3.33	3.33	1.09	1.2	3.33	0.09	Yes	1.09 Thermal Discharging
SCL322	1357	'3720000___/3720052'	3.33	3.33	3.33	1.09	1.2	3.33	0.09	Yes	1.09 Thermal Discharging
SCL322	1358	'36301081___/44084056_1'	3.33	3.33	3.33	1.09	1.2	3.33	0.09	Yes	1.09 Thermal Discharging
SCL322	1359	'3717313___/3717323'	3.33	3.33	3.33	0.12	1.2	3.33	3.3	Yes	0.12 Thermal Discharging
SCL322	1360	'7589555___/7589553_1'	3.33	3.33	3.33	1.09	0.7	3.33	0.09	Yes	0.7 Element Fault
SCL322	1361	'378870269___/43371518_2'	3.33	3.33	3.33	1.09	1.2	3.33	0.09	Yes	1.09 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SCL322	1362	'44069464_/44069461'	3.27	3.33	3.33	0.09	2.63	3.33	3.33	Yes	0.09 Thermal Discharging
SCL322	1363	'7589689_/8807552'	3.33	3.33	3.33	1.09	0.7	3.33	0.09	Yes	0.7 Element Fault
SCL322	1364	'7929991_/7929988'	3.33	3.33	3.33	1.09	0.7	3.33	0.09	Yes	0.7 Element Fault
SCL322	1365	'410876070_/410876183'	9.2	10	10	0.37	10	10	9.91	Yes	0.37 Thermal Discharging
SCL322	1366	'429685291_/429685330'	9.1	10	10	0.37	3.7	10	9.91	Yes	0.37 Thermal Discharging
SCL322	1367	'150246466_/3717405'	8.9	10	10	0.37	10	10	9.91	Yes	0.37 Thermal Discharging
SCL322	1368	'88822395_/414443898'	3.33	3.33	3.33	1.09	0.7	3.33	0.09	Yes	0.7 Element Fault
SCL322	1369	'3720175_/43371574'	3.33	3.33	3.33	1.09	1.2	3.33	0.09	Yes	1.09 Thermal Discharging
SCL322	1370	'157409387_/157409350'	10	10	10	3.28	10	10	0.28	Yes	3.28 Thermal Discharging
SCL322	1371	'413652162_/410345303_1'	3.33	3.33	3.33	1.09	0.7	3.33	0.09	Yes	0.7 Element Fault
SCL322	1372	'7802385_/8533506'	3.33	3.33	3.33	1.09	1.23	3.33	0.09	Yes	1.09 Thermal Discharging
SCL322	1373	'410876204_/410876201_1'	8.9	10	10	0.37	3.9	10	9.91	Yes	0.37 Thermal Discharging
SCL322	1374	'343146018_/3720526_2'	3.33	3.33	3.33	1.09	1.2	3.33	0.09	Yes	1.09 Thermal Discharging
SCL322	1375	'3711954_/3711951'	3.33	3.33	3.33	1.09	1.2	3.33	0.09	Yes	1.09 Thermal Discharging
SCL322	1376	'7589279_/7908363'	10	10	10	3.28	3.7	10	0.28	Yes	3.28 Thermal Discharging
SCL322	1377	'43371516_/43371518_1'	3.33	3.33	3.33	1.09	1.2	3.33	0.09	Yes	1.09 Thermal Discharging
SCL322	1378	'7908760_/7273967'	3.33	3.33	3.33	1.09	0.7	3.33	0.09	Yes	0.7 Element Fault
SCL322	1379	'3717555_/410876072'	8.8	10	10	0.37	10	10	9.91	Yes	0.37 Thermal Discharging
SCL322	1380	'3711911_/43368709'	3.33	3.33	3.33	1.09	1.2	3.33	0.09	Yes	1.09 Thermal Discharging
SCL322	1381	'427912959_/427912978'	3.33	3.33	3.33	1.09	0.7	3.33	0.09	Yes	0.7 Element Fault
SCL322	1382	'413652188_/410345303_2'	3.33	3.33	3.33	1.09	0.7	3.33	0.09	Yes	0.7 Element Fault
SCL322	1383	'157409427_/157409389'	10	10	10	3.28	10	10	0.28	Yes	3.28 Thermal Discharging
SCL322	1384	'8532944_/9168418'	3.33	3.33	3.33	1.09	1.23	3.33	0.09	Yes	1.09 Thermal Discharging
SCL322	1385	'429685209_/429685363'	8.7	10	10	0.37	3.7	10	9.91	Yes	0.37 Thermal Discharging
SCL322	1386	'152792027_/152792004'	8.7	10	10	0.37	10	10	9.91	Yes	0.37 Thermal Discharging
SCL322	1387	'153429310_/152792069_1'	8.7	10	10	0.37	3.6	10	9.91	Yes	0.37 Thermal Discharging
SCL322	1388	'7908991_/8533522'	3.33	3.33	3.33	1.09	1.23	3.33	0.09	Yes	1.09 Thermal Discharging
SCL322	1389	'3706337_/43370857'	8.5	10	10	0.37	10	10	9.91	Yes	0.37 Thermal Discharging
SCL322	1390	'43370638_/43370640'	3.17	3.33	3.33	0.12	1.2	3.33	3.3	Yes	0.12 Thermal Discharging
SCL322	1391	'7791975_/8741940'	3.33	3.33	3.33	1.09	1.2	3.33	0.09	Yes	1.09 Thermal Discharging
SCL322	1392	'157409938_/157409429'	10	10	10	3.28	10	10	0.28	Yes	3.28 Thermal Discharging
SCL322	1393	'43368434_/3712727'	3.33	3.33	3.33	1.09	1.2	3.33	0.09	Yes	1.09 Thermal Discharging
SCL322	1394	'3719999_/3719997'	3.33	3.33	3.33	1.09	1.2	3.33	0.09	Yes	1.09 Thermal Discharging
SCL322	1395	'7589331_/7589329'	3.33	3.33	3.33	1.09	1.2	3.33	0.09	Yes	1.09 Thermal Discharging
SCL322	1396	'43371561_/3720065'	3.33	3.33	3.33	1.09	1.2	3.33	0.09	Yes	1.09 Thermal Discharging
SCL322	1397	'7908707_/7908705_1'	3.33	3.33	3.33	1.09	0.7	3.33	0.09	Yes	0.7 Element Fault
SCL322	1398	'7589556_/7589553_2'	3.33	3.33	3.33	1.09	0.7	3.33	0.09	Yes	0.7 Element Fault
SCL322	1399	'7589540_/7589569_1'	3.33	3.33	3.33	1.09	0.7	3.33	0.09	Yes	0.7 Element Fault
SCL322	1400	'152792051_/152792069_2'	8.4	10	10	0.37	3.6	10	9.91	Yes	0.37 Thermal Discharging
SCL322	1401	'153475431_/157409940'	10	10	10	3.28	10	10	0.28	Yes	3.28 Thermal Discharging
SCL322	1402	'3706338_/3706335'	8.2	10	10	0.37	10	10	9.91	Yes	0.37 Thermal Discharging
SCL322	1403	'410876289_/410876219'	8.3	10	10	0.37	3.9	10	9.91	Yes	0.37 Thermal Discharging
SCL322	1404	'7802386_/7802383'	3.1	3.33	3.33	1.09	1.23	3.33	0.09	Yes	1.09 Thermal Discharging
SCL322	1405	'43371550_/43371552'	3.33	3.33	3.33	1.09	1.2	3.33	0.09	Yes	1.09 Thermal Discharging
SCL322	1406	'3717312_/3717310'	3.33	3.33	3.33	0.12	1.2	3.33	3.3	Yes	0.12 Thermal Discharging
SCL322	1407	'43370894_/3717609'	8.1	10	10	0.37	10	10	9.91	Yes	0.37 Thermal Discharging
SCL322	1408	'91270930_/43370896_1'	2.7	3.33	3.33	0.12	1.2	3.33	3.3	Yes	0.12 Thermal Discharging
SCL322	1409	'7589295_/7589293'	8.2	10	10	3.28	3.7	10	0.28	Yes	3.28 Thermal Discharging
SCL322	1410	'3713197_/153475435'	10	10	10	3.28	10	10	0.28	Yes	3.28 Thermal Discharging
SCL322	1411	'3717575_/3717572'	8.1	10	10	0.37	10	10	9.91	Yes	0.37 Thermal Discharging
SCL322	1412	'3716863_/3716861'	2.93	3.33	3.33	0.12	1.2	3.33	3.3	Yes	0.12 Thermal Discharging
SCL322	1413	'7908708_/7908705_2'	3.33	3.33	3.33	1.09	0.7	3.33	0.09	Yes	0.7 Element Fault
SCL322	1414	'3711912_/3711909'	3.33	3.33	3.33	1.09	1.2	3.33	0.09	Yes	1.09 Thermal Discharging
SCL322	1415	'157286417_/460053574'	10	10	10	3.28	10	10	0.28	Yes	3.28 Thermal Discharging
SCL322	1416	'3719961_/3720526_1'	3.33	3.33	3.33	1.09	0.7	3.33	0.09	Yes	0.7 Element Fault
SCL322	1417	'390151445_/429685257'	7.9	10	10	0.37	3.7	10	9.91	Yes	0.37 Thermal Discharging
SCL322	1418	'91270950_/91270956'	7.9	10	10	0.37	10	10	9.91	Yes	0.37 Thermal Discharging
SCL322	1419	'91271125_/91270997_1'	7.9	10	10	0.37	3.6	10	9.91	Yes	0.37 Thermal Discharging
SCL322	1420	'8245271_/8245268'	3.33	3.33	3.33	1.09	0.7	3.33	0.09	Yes	0.7 Element Fault
SCL322	1421	'427913040_/427913059'	3.33	3.33	3.33	1.09	0.7	3.33	0.09	Yes	0.7 Element Fault
SCL322	1422	'153429195_/153429213'	7.8	10	10	0.37	3.6	10	9.91	Yes	0.37 Thermal Discharging
SCL322	1423	'231235206_/3720617'	3.33	3.33	3.33	1.09	1.2	3.33	0.09	Yes	1.09 Thermal Discharging
SCL322	1424	'3706317_/3706352'	7.8	10	10	0.37	10	10	9.91	Yes	0.37 Thermal Discharging
SCL322	1425	'56972885_/43370896_2'	2.73	3.33	3.33	0.12	1.2	3.33	3.3	Yes	0.12 Thermal Discharging
SCL322	1426	'7273682_/8851949_1'	7.8	10	10	0.37	3.7	10	9.91	Yes	0.37 Thermal Discharging
SCL322	1427	'157286456_/157286419'	10	10	10	3.28	10	10	0.28	Yes	3.28 Thermal Discharging
SCL322	1428	'43370868_/3717629'	7.7	10	10	0.37	3.9	10	9.91	Yes	0.37 Thermal Discharging
SCL322	1429	'7791976_/7791973'	3.33	3.33	3.33	1.09	1.2	3.33	0.09	Yes	1.09 Thermal Discharging
SCL322	1430	'7908992_/7908989'	2.9	3.33	3.33	1.09	1.23	3.33	0.09	Yes	1.09 Thermal Discharging
SCL322	1431	'43368997_/43368436'	3.33	3.33	3.33	1.09	1.2	3.33	0.09	Yes	1.09 Thermal Discharging
SCL322	1432	'3719541_/3720711'	3.33	3.33	3.33	1.09	1.2	3.33	0.09	Yes	1.09 Thermal Discharging
SCL322	1433	'153472997_/153473006'	7.6	10	10	0.37	3.6	10	9.91	Yes	0.37 Thermal Discharging
SCL322	1434	'88822430_/88822441'	3.33	3.33	3.33	1.09	0.7	3.33	0.09	Yes	0.7 Element Fault
SCL322	1435	'157045079_/157286458'	10	10	10	3.28	10	10	0.28	Yes	3.28 Thermal Discharging
SCL322	1436	'8851811_/8851809'	8.1	10	10	3.28	3.7	10	0.28	Yes	3.28 Thermal Discharging
SCL322	1437	'91271028_/91270997_2'	7.4	10	10	0.37	3.6	10	9.91	Yes	0.37 Thermal Discharging
SCL322	1438	'3717355_/3717352'	3.1	3.33	3.33	0.12	1.2	3.33	3.3	Yes	0.12 Thermal Discharging
SCL322	1439	'7589690_/7589687'	3.33	3.33	3.33	1.09	0.7	3.33	0.09	Yes	0.7 Element Fault
SCL322	1440	'3706318_/3706315'	7.5	10	10	0.37	10	10	9.91	Yes	0.37 Thermal Discharging
SCL322	1441	'157045138_/157045081'	10	10	10	3.28	10	10	0.28	Yes	3.28 Thermal Discharging
SCL322	1442	'3722337_/3722335'	2.67	3.33	3.33	0.12	1.2	3.33	3.3	Yes	0.12 Thermal Discharging
SCL322	1443	'400107140_/3717536'	3.07	3.33	3.33	0.12	1.2	3.33	3.3	Yes	0.12 Thermal Discharging
SCL322	1444	'8533312_/9480282'	3.3	3.33	3.33	1.09	1.2	3.33	0.09	Yes	1.09 Thermal Discharging
SCL322	1445	'3711967_/3711964'	3.33	3.33	3.33	1.09	1.2	3.33	0.09	Yes	1.09 Thermal Discharging
SCL322	1446	'583968580_/583968584'	8.2	10	10	3.28	3.7	10	0.28	Yes	3.28 Thermal Discharging
SCL322	1447	'7589572_/7589569_2'	3.33	3.33	3.33	1.09	0.7	3.33	0.09	Yes	0.7 Element Fault
SCL322	1448	'3706260_/3717734'	7.4	10	10	0.37	10	10	9.91	Yes	0.37 Thermal Discharging
SCL322	1449	'3713198_/157045140'	10	10	10	3.28	10	10	0.28	Yes	3.28 Thermal Discharging
SCL322	1450	'3711928_/3711925'	3.33	3.33	3.33	1.09	1.2	3.33	0.09	Yes	1.09 Thermal Discharging
SCL322	1451	'68910456_/3706257_2'	7.4	10	10	0.37	10	10	9.91	Yes	0.37 Thermal Discharging
SCL322	1452	'3717760_/3717757'	7.3	10	10	0.37	10	10	9.91	Yes	0.37 Thermal Discharging
SCL322	1453	'157289073_/157045197'	10	10	10	3.28	10	10	0.28	Yes	3.28 Thermal Discharging
SCL322	1454	'3720068_/43371563'	3.33	3.33	3.33	1.09	1.2	3.33	0.09	Yes	1.09 Thermal Discharging
SCL322	1455	'3717649_/43370870'	7.2	10	10	0.37	3.9	10	9.91	Yes	0.37 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SCL322	1456	'583968633_/_583968645'	8.2	10	10	3.28	3.7	10	0.28	Yes	3.28 Thermal Discharging
SCL322	1457	'43371793_/_231235208'	3.33	3.33	3.33	1.09	1.2	3.33	0.09	Yes	1.09 Thermal Discharging
SCL322	1458	'409261992_/_390151514'	7	10	10	0.37	3.7	10	0.91	Yes	0.37 Thermal Discharging
SCL322	1459	'117514717_/_117514723'	7	10	10	0.37	3.6	10	0.91	Yes	0.37 Thermal Discharging
SCL322	1460	'157289131_/_157289075'	10	10	10	3.28	10	10	0.28	Yes	3.28 Thermal Discharging
SCL322	1461	'3717777_/_3717774'	7.2	10	10	0.37	10	10	0.91	Yes	0.37 Thermal Discharging
SCL322	1462	'3722350_/_3722348'	2.53	3.33	3.33	0.12	1.2	3.33	3.3	Yes	0.12 Thermal Discharging
SCL322	1463	'427913079_/_427913089'	3.33	3.33	3.33	1.09	0.7	3.33	0.09	Yes	0.7 Element Fault
SCL322	1464	'43370627_/_3722364'	2.5	3.33	3.33	0.12	1.2	3.33	3.3	Yes	0.12 Thermal Discharging
SCL322	1465	'157289189_/_157289133'	10	10	10	3.28	10	10	0.28	Yes	3.28 Thermal Discharging
SCL322	1466	'40673271_/_44102033'	2.47	3.33	3.33	1.09	1.23	3.33	0.09	Yes	1.09 Thermal Discharging
SCL322	1467	'3722367_/_43370629'	2.5	3.33	3.33	0.12	0.7	3.33	3.3	Yes	0.12 Thermal Discharging
SCL322	1468	'583968666_/_583968695'	8.3	10	10	3.28	3.7	10	0.28	Yes	3.28 Thermal Discharging
SCL322	1469	'3717539_/_400107142'	2.83	3.33	3.33	0.12	1.2	3.33	3.3	Yes	0.12 Thermal Discharging
SCL322	1470	'3717794_/_3717791'	7.1	10	10	0.37	10	10	0.91	Yes	0.37 Thermal Discharging
SCL322	1471	'8134052_/_8851949_2'	7	10	10	0.37	3.7	10	0.91	Yes	0.37 Thermal Discharging
SCL322	1472	'117514805_/_117514816'	6.8	10	10	0.37	3.6	10	0.91	Yes	0.37 Thermal Discharging
SCL322	1473	'102949032_/_102949043'	3.33	3.33	3.33	1.09	1.23	3.33	0.09	Yes	1.09 Thermal Discharging
SCL322	1474	'43371505_/_3720685'	3.33	3.33	3.33	1.09	1.2	3.33	0.09	Yes	1.09 Thermal Discharging
SCL322	1475	'43368986_/_43368999'	3.33	3.33	3.33	1.09	1.2	3.33	0.09	Yes	1.09 Thermal Discharging
SCL322	1476	'3717811_/_3717808'	7.1	10	10	0.37	10	10	0.91	Yes	0.37 Thermal Discharging
SCL322	1477	'8852227_/_8852241'	2.47	3.33	3.33	1.09	1.23	3.33	0.09	Yes	1.09 Thermal Discharging
SCL322	1478	'3720081_/_3720078'	3.33	3.33	3.33	1.09	1.2	3.33	0.09	Yes	1.09 Thermal Discharging
SCL322	1479	'117514751_/_117514867'	6.7	10	10	0.37	3.6	10	0.91	Yes	0.37 Thermal Discharging
SCL322	1480	'3717828_/_3717825'	7	10	10	0.37	10	10	0.91	Yes	0.37 Thermal Discharging
SCL322	1481	'43371671_/_43371673'	3.33	3.33	3.33	1.09	0.7	3.33	0.09	Yes	0.7 Element Fault
SCL322	1482	'3706259_/_3706257_1'	6.9	10	10	0.37	3.6	10	0.91	Yes	0.37 Thermal Discharging
SCL322	1483	'3706388_/_3717663'	6.7	10	10	0.37	3.9	10	0.91	Yes	0.37 Thermal Discharging
SCL322	1484	'3725223_/_119296810'	3.33	3.33	3.33	1.09	1.2	3.33	0.09	Yes	1.09 Thermal Discharging
SCL322	1485	'8134051_/_8134049'	6.8	10	10	0.37	3.7	10	0.91	Yes	0.37 Thermal Discharging
SCL322	1486	'7273715_/_7273713_1'	6.7	10	10	0.37	2.2	10	0.91	Yes	0.37 Thermal Discharging
SCL322	1487	'3713215_/_157289191'	10	10	10	3.28	10	10	0.28	Yes	3.28 Thermal Discharging
SCL322	1488	'757255642_/_757255619_1'	2.27	3.33	3.33	0.12	0.7	3.33	3.3	Yes	0.12 Thermal Discharging
SCL322	1489	'38975149_/_7909053_1'	3.33	3.33	3.33	1.09	0.7	3.33	0.09	Yes	0.7 Element Fault
SCL322	1490	'3717845_/_3717842'	7	10	10	0.37	10	10	0.91	Yes	0.37 Thermal Discharging
SCL322	1491	'153825967_/_153825972'	6.6	10	10	0.37	3.6	10	0.91	Yes	0.37 Thermal Discharging
SCL322	1492	'9168386_/_9168384'	8.4	10	10	3.28	3.7	10	0.28	Yes	3.28 Thermal Discharging
SCL322	1493	'7273736_/_8807362_1'	7	10	10	0.37	3.7	10	0.91	Yes	0.37 Thermal Discharging
SCL322	1494	'157405912_/_3713232'	10	10	10	3.28	10	10	0.28	Yes	3.28 Thermal Discharging
SCL322	1495	'8533540_/_8852225'	2.37	3.33	3.33	1.09	1.23	3.33	0.09	Yes	1.09 Thermal Discharging
SCL322	1496	'602353508_/_157405914_4'	10	10	10	3.28	10	10	0.28	Yes	3.28 Thermal Discharging
SCL322	1497	'8851791_/_8851789'	8.5	10	10	3.28	3.7	10	0.28	Yes	3.28 Thermal Discharging
SCL322	1498	'3717862_/_3717859'	6.9	10	10	0.37	10	10	0.91	Yes	0.37 Thermal Discharging
SCL322	1499	'3706371_/_3706385'	6.6	10	10	0.37	3.9	10	0.91	Yes	0.37 Thermal Discharging
SCL322	1500	'7470256_/_7470273_1'	3.2	10	10	0.37	3.6	10	0.91	Yes	0.37 Thermal Discharging
SCL322	1501	'43371494_/_43371507'	3.33	3.33	3.33	1.09	1.2	3.33	0.09	Yes	1.09 Thermal Discharging
SCL322	1502	'43371398_/_3719538'	3.33	3.33	3.33	1.09	1.2	3.33	0.09	Yes	1.09 Thermal Discharging
SCL322	1503	'40367794_/_44098600'	2.27	3.33	3.33	1.09	1.23	3.33	0.09	Yes	1.09 Thermal Discharging
SCL322	1504	'757255460_/_757255457'	6.7	10	10	0.37	3.6	10	0.91	Yes	0.37 Thermal Discharging
SCL322	1505	'757255567_/_757255555_1'	6.7	10	10	0.37	2.2	10	0.91	Yes	0.37 Thermal Discharging
SCL322	1506	'74793025_/_757255619_2'	2.23	3.33	3.33	0.12	0.7	3.33	3.3	Yes	0.12 Thermal Discharging
SCL322	1507	'3719960_/_231235104'	3.33	3.33	3.33	1.09	0.7	3.33	0.09	Yes	0.7 Element Fault
SCL322	1508	'43370996_/_3717876'	6.8	10	10	0.37	10	10	0.91	Yes	0.37 Thermal Discharging
SCL322	1509	'153826002_/_153826020'	6.4	10	10	0.37	3.6	10	0.91	Yes	0.37 Thermal Discharging
SCL322	1510	'757255521_/_757255555_2'	6.6	10	10	0.37	2.2	10	0.91	Yes	0.37 Thermal Discharging
SCL322	1511	'7273716_/_7273713_2'	6.4	10	10	0.37	2.2	10	0.91	Yes	0.37 Thermal Discharging
SCL322	1512	'43371820_/_43371817'	3.33	3.33	3.33	1.09	1.2	3.33	0.09	Yes	1.09 Thermal Discharging
SCL322	1513	'3706273_/_74793031'	2.17	3.33	3.33	0.12	0.7	3.33	3.3	Yes	0.12 Thermal Discharging
SCL322	1514	'43371804_/_3720630'	3.33	3.33	3.33	1.09	1.2	3.33	0.09	Yes	1.09 Thermal Discharging
SCL322	1515	'153825932_/_153826038'	2.2	10	10	0.37	3.6	10	0.91	Yes	0.37 Thermal Discharging
SCL322	1516	'8807507_/_9168644'	2.2	3.33	3.33	0.12	0.7	3.33	3.3	Yes	0.12 Thermal Discharging
SCL322	1517	'68910388_/_757255527'	6.3	10	10	0.37	2.2	10	0.91	Yes	0.37 Thermal Discharging
SCL322	1518	'466848309_/_8807362_2'	6.6	10	10	0.37	3.7	10	0.91	Yes	0.37 Thermal Discharging
SCL322	1519	'43371748_/_43371750'	3.33	3.33	3.33	1.09	1.2	3.33	0.09	Yes	1.09 Thermal Discharging
SCL322	1520	'68910426_/_68910430'	6.3	10	10	0.37	2.2	10	0.91	Yes	0.37 Thermal Discharging
SCL322	1521	'43368975_/_3713552'	3.33	3.33	3.33	1.09	1.2	3.33	0.09	Yes	1.09 Thermal Discharging
SCL322	1522	'8123018_/_9384338'	2.1	3.33	3.33	1.09	1.23	3.33	0.09	Yes	1.09 Thermal Discharging
SCL322	1523	'3717944_/_43370998'	6.3	10	10	0.37	10	10	0.91	Yes	0.37 Thermal Discharging
SCL322	1524	'3719514_/_3719525'	3.33	3.33	3.33	1.09	1.2	3.33	0.09	Yes	1.09 Thermal Discharging
SCL322	1525	'43371826_/_3720672'	3.33	3.33	3.33	1.09	1.2	3.33	0.09	Yes	1.09 Thermal Discharging
SCL322	1526	'3720675_/_43371828'	3.33	3.33	3.33	1.09	1.2	3.33	0.09	Yes	1.09 Thermal Discharging
SCL322	1527	'473439025_/_466848342'	6.3	10	10	0.37	3.7	10	0.91	Yes	0.37 Thermal Discharging
SCL322	1528	'43370936_/_3706402'	6	10	10	0.37	3.9	10	0.91	Yes	0.37 Thermal Discharging
SCL322	1529	'7097923_/_3706286_1'	2.03	3.33	3.33	0.12	0.7	3.33	3.3	Yes	0.12 Thermal Discharging
SCL322	1530	'602353521_/_157405914_3'	10	10	10	3.28	10	10	0.28	Yes	3.28 Thermal Discharging
SCL322	1531	'3706289_/_3706286_2'	2.03	3.33	3.33	0.12	0.7	3.33	3.3	Yes	0.12 Thermal Discharging
SCL322	1532	'91270988_/_121504663'	5.8	10	10	0.37	3.6	10	0.91	Yes	0.37 Thermal Discharging
SCL322	1533	'3720594_/_43371806'	3.17	3.33	3.33	1.09	1.2	3.33	0.09	Yes	1.09 Thermal Discharging
SCL322	1534	'8123019_/_8123016'	2	3.33	3.33	1.09	1.23	3.33	0.09	Yes	1.09 Thermal Discharging
SCL322	1535	'7273823_/_7909069_2'	3.17	3.33	3.33	1.09	1.2	3.33	0.09	Yes	1.09 Thermal Discharging
SCL322	1536	'8807506_/_8807504'	2.03	3.33	3.33	0.12	0.7	3.33	3.3	Yes	0.12 Thermal Discharging
SCL322	1537	'121504696_/_121504705'	5.7	10	10	0.37	3.6	10	0.91	Yes	0.37 Thermal Discharging
SCL322	1538	'9068089_/_9696114'	1.97	3.33	3.33	1.09	1.23	3.33	0.09	Yes	1.09 Thermal Discharging
SCL322	1539	'7097924_/_7097921'	2	3.33	3.33	0.12	0.7	3.33	3.3	Yes	0.12 Thermal Discharging
SCL322	1540	'8533541_/_8533538'	2.03	3.33	3.33	1.09	1.23	3.33	0.09	Yes	1.09 Thermal Discharging
SCL322	1541	'3720541_/_3720539'	3.33	3.33	3.33	1.09	1.2	3.33	0.09	Yes	1.09 Thermal Discharging
SCL322	1542	'3725239_/_3725291'	5.9	10	10	0.37	10	10	0.91	Yes	0.37 Thermal Discharging
SCL322	1543	'7589927_/_7589925_1'	5.9	10	10	0.37	5.7	10	0.91	Yes	0.37 Thermal Discharging
SCL322	1544	'43370949_/_3706369'	1.9	3.33	3.33	0.12	1.3	3.33	3.3	Yes	0.12 Thermal Discharging
SCL322	1545	'52189409_/_466848280'	5.9	10	10	0.37	3.7	10	0.91	Yes	0.37 Thermal Discharging
SCL322	1546	'121504732_/_121504743'	5.6	10	10	0.37	3.6	10	0.91	Yes	0.37 Thermal Discharging
SCL322	1547	'44061192_/_43371496'	3.33	3.33	3.33	1.09	1.2	3.33	0.09	Yes	1.09 Thermal Discharging
SCL322	1548	'445126739_/_50958636'	5.8	10	10	0.37	10	10	0.91	Yes	0.37 Thermal Discharging
SCL322	1549	'445162177_/_445125772_1'	5.8	10	10	0.37	5.7	10	0.91	Yes	0.37 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over- Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SCL322	1550	'7273985_/_8533310'		2.3	3.33	3.33	1.09	3.2	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	1551	'3706481_/_3706516'		5.6	10	10	0.37	1.9	10	9.91 Yes	0.37 Thermal Discharging
SCL322	1552	'44091596_/_44091593'		6.5	10	10	0.37	3.7	10	9.91 Yes	0.37 Thermal Discharging
SCL322	1553	'38859686_/_8426766'		6.5	10	10	0.37	3.7	10	9.91 Yes	0.37 Thermal Discharging
SCL322	1554	'52189486_/_52189488'		5.9	10	10	0.37	3.7	10	9.91 Yes	0.37 Thermal Discharging
SCL322	1555	'3706305_/_3706302'		1.93	3.33	3.33	0.12	0.7	3.33	3.3 Yes	0.12 Thermal Discharging
SCL322	1556	'445125775_/_445125772_2'		5.7	10	10	0.37	5.7	10	9.91 Yes	0.37 Thermal Discharging
SCL322	1557	'52189545_/_52189581'		5.8	10	10	0.37	3.7	10	9.91 Yes	0.37 Thermal Discharging
SCL322	1558	'43371387_/_3719512'		3.33	3.33	3.33	1.09	1.2	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	1559	'494587527_/_3713565'		3.33	3.33	3.33	1.09	1.2	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	1560	'386339825_/_3720604'		2.87	3.33	3.33	1.09	1.2	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	1561	'9378118_/_9704574'		1.93	3.33	3.33	1.09	1.23	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	1562	'121504763_/_121504774'		5.4	10	10	0.37	3.6	10	9.91 Yes	0.37 Thermal Discharging
SCL322	1563	'52189511_/_52189642'		5.7	10	10	0.37	3.7	10	9.91 Yes	0.37 Thermal Discharging
SCL322	1564	'602353534_/_157405914_2'		10	10	10	3.28	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	1565	'70629742_/_57545267'		5.4	10	10	0.37	3.9	10	9.91 Yes	0.37 Thermal Discharging
SCL322	1566	'445162200_/_445125846'		5.6	10	10	0.37	5.7	10	9.91 Yes	0.37 Thermal Discharging
SCL322	1567	'70629780_/_3706479'		5.4	10	10	0.37	3.9	10	9.91 Yes	0.37 Thermal Discharging
SCL322	1568	'7589928_/_7589925_2'		5.6	10	10	0.37	5.7	10	9.91 Yes	0.37 Thermal Discharging
SCL322	1569	'3717899_/_3717896'		1.87	3.33	3.33	0.12	0.7	3.33	3.3 Yes	0.12 Thermal Discharging
SCL322	1570	'43370960_/_3706496'		5.3	10	10	0.37	3.9	10	9.91 Yes	0.37 Thermal Discharging
SCL322	1571	'70629781_/_3706556'		5.3	10	10	0.37	3.9	10	9.91 Yes	0.37 Thermal Discharging
SCL322	1572	'36336844_/_9378116'		1.83	3.33	3.33	1.09	1.23	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	1573	'7589315_/_8223452'		3.33	3.33	3.33	1.09	1.23	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	1574	'445125957_/_79085575'		5.5	10	10	0.37	5.7	10	9.91 Yes	0.37 Thermal Discharging
SCL322	1575	'386339904_/_3720578'		2.7	3.33	3.33	1.09	1.2	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	1576	'445125936_/_445162202'		5.4	10	10	0.37	5.7	10	9.91 Yes	0.37 Thermal Discharging
SCL322	1577	'445126155_/_445125984'		5.4	10	10	0.37	5.7	10	9.91 Yes	0.37 Thermal Discharging
SCL322	1578	'445126020_/_445126017'		5.4	10	10	0.37	5.7	10	9.91 Yes	0.37 Thermal Discharging
SCL322	1579	'70630703_/_70630462'		5.2	10	10	0.37	3.9	10	9.91 Yes	0.37 Thermal Discharging
SCL322	1580	'70629153_/_43370962'		5.2	10	10	0.37	3.9	10	9.91 Yes	0.37 Thermal Discharging
SCL322	1581	'7795968_/_8533042'		5.4	10	10	0.37	3.7	10	9.91 Yes	0.37 Thermal Discharging
SCL322	1582	'445126129_/_445126084_1'		5.4	10	10	0.37	3.7	10	9.91 Yes	0.37 Thermal Discharging
SCL322	1583	'446962053_/_446961989_1'		5.4	10	10	0.37	2.3	10	9.91 Yes	0.37 Thermal Discharging
SCL322	1584	'7908522_/_7908539_2'		5.2	10	10	0.37	3.9	10	9.91 Yes	0.37 Thermal Discharging
SCL322	1585	'3706425_/_3706422'		5.2	10	10	0.37	3.9	10	9.91 Yes	0.37 Thermal Discharging
SCL322	1586	'508801067_/_508801071'		3.33	3.33	3.33	1.09	1.2	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	1587	'43370973_/_3717909'		1.8	3.33	3.33	0.12	0.7	3.33	3.3 Yes	0.12 Thermal Discharging
SCL322	1588	'7908542_/_7908539_1'		5.1	10	10	0.37	1.4	10	9.91 Yes	0.37 Thermal Discharging
SCL322	1589	'268844797_/_268844452'		5.2	10	10	0.37	3.9	10	9.91 Yes	0.37 Thermal Discharging
SCL322	1590	'445126043_/_445126084_2'		5.2	10	10	0.37	3.7	10	9.91 Yes	0.37 Thermal Discharging
SCL322	1591	'7273609_/_7589313'		3.33	3.33	3.33	1.09	1.23	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	1592	'430694530_/_157405914_1'		10	10	10	3.28	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	1593	'392703556_/_3706439'		5.1	10	10	0.37	3.9	10	9.91 Yes	0.37 Thermal Discharging
SCL322	1594	'445934754_/_445126392'		1.77	3.33	3.33	0.12	1.9	3.33	3.3 Yes	0.12 Thermal Discharging
SCL322	1595	'392703766_/_392703700_1'		5.1	10	10	0.37	2.4	10	9.91 Yes	0.37 Thermal Discharging
SCL322	1596	'3719515_/_43371389'		3.27	3.33	3.33	1.09	1.2	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	1597	'7273986_/_7273983'		2.03	3.33	3.33	1.09	1.2	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	1598	'7909071_/_7909069_1'		2.57	3.33	3.33	1.09	0.7	3.33	0.09 Yes	0.7 Element Fault
SCL322	1599	'508801032_/_508801040'		3.33	3.33	3.33	1.09	1.2	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	1600	'7908759_/_9480546'		1.93	3.33	3.33	1.09	0.7	3.33	0.09 Yes	0.7 Element Fault
SCL322	1601	'445126474_/_445126471'		1.73	3.33	3.33	0.12	1.9	3.33	3.3 Yes	0.12 Thermal Discharging
SCL322	1602	'3713235_/_471331879'		10	10	10	3.28	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	1603	'70630691_/_70630503'		5	10	10	0.37	3.9	10	9.91 Yes	0.37 Thermal Discharging
SCL322	1604	'3706372_/_43370951'		1.7	3.33	3.33	0.12	1.3	3.33	3.3 Yes	0.12 Thermal Discharging
SCL322	1605	'3706465_/_3706462'		3.4	6.67	6.67	0.25	2.6	6.67	6.6 Yes	0.25 Thermal Discharging
SCL322	1606	'70631018_/_70630532_1'		1.67	3.33	3.33	0.12	0.7	3.33	3.3 Yes	0.12 Thermal Discharging
SCL322	1607	'88224744_/_70630819_1'		5	10	10	0.37	2.2	10	9.91 Yes	0.37 Thermal Discharging
SCL322	1608	'392703681_/_392703700_2'		5	10	10	0.37	2.4	10	9.91 Yes	0.37 Thermal Discharging
SCL322	1609	'43371409_/_44061194'		3.2	3.33	3.33	1.09	1.2	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	1610	'3712008_/_3712006'		3.33	3.33	3.33	1.09	1.2	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	1611	'157347123_/_3713249'		10	10	10	3.28	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	1612	'43370985_/_43370975'		1.7	3.33	3.33	0.12	0.7	3.33	3.3 Yes	0.12 Thermal Discharging
SCL322	1613	'52189425_/_52189427'		5.1	10	10	0.37	3.7	10	9.91 Yes	0.37 Thermal Discharging
SCL322	1614	'70630692_/_70630532_2'		1.67	3.33	3.33	0.12	0.7	3.33	3.3 Yes	0.12 Thermal Discharging
SCL322	1615	'34501921_/_44084445'		1.7	3.33	3.33	1.09	1.23	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	1616	'3720252_/_231235763'		2.47	3.33	3.33	1.09	1.2	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	1617	'3713581_/_624672683'		3.33	3.33	3.33	1.09	1.2	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	1618	'157405410_/_157347125'		10	10	10	3.28	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	1619	'351598718_/_43370987'		1.67	3.33	3.33	0.12	0.7	3.33	3.3 Yes	0.12 Thermal Discharging
SCL322	1620	'157405488_/_157405412'		10	10	10	3.28	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	1621	'40978631_/_9068087'		1.6	3.33	3.33	1.09	1.23	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	1622	'7795967_/_7795965'		4.9	10	10	0.37	3.7	10	9.91 Yes	0.37 Thermal Discharging
SCL322	1623	'70630808_/_70630819_2'		4.8	10	10	0.37	2.2	10	9.91 Yes	0.37 Thermal Discharging
SCL322	1624	'8441322_/_8758880'		4.9	10	10	0.37	5.7	10	9.91 Yes	0.37 Thermal Discharging
SCL322	1625	'44080457_/_44080454'		1.63	3.33	3.33	1.09	1.23	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	1626	'3713252_/_157405490'		10	10	10	3.28	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	1627	'7273970_/_9480530'		1.77	3.33	3.33	1.09	0.7	3.33	0.09 Yes	0.7 Element Fault
SCL322	1628	'157409995_/_3713266'		10	10	10	3.28	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	1629	'446962116_/_446961989_2'		4.9	10	10	0.37	2.3	10	9.91 Yes	0.37 Thermal Discharging
SCL322	1630	'231235965_/_3720250'		2.37	3.33	3.33	1.09	1.2	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	1631	'369092379_/_123518039'		4.8	10	10	0.37	3.7	10	9.91 Yes	0.37 Thermal Discharging
SCL322	1632	'43369008_/_3713591'		3.33	3.33	3.33	1.09	1.2	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	1633	'8223471_/_8223468'		1.83	3.33	3.33	1.09	1.2	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	1634	'369092477_/_369092496'		4.7	10	10	0.37	3.7	10	9.91 Yes	0.37 Thermal Discharging
SCL322	1635	'154727223_/_157409997'		10	10	10	3.28	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	1636	'369092405_/_369206601'		4.7	10	10	0.37	3.7	10	9.91 Yes	0.37 Thermal Discharging
SCL322	1637	'123517924_/_369092409'		4.7	10	10	0.37	3.7	10	9.91 Yes	0.37 Thermal Discharging
SCL322	1638	'351598748_/_44055675'		1.6	3.33	3.33	0.12	0.7	3.33	3.3 Yes	0.12 Thermal Discharging
SCL322	1639	'3713269_/_154727225'		10	10	10	3.28	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	1640	'3713288_/_3713286'		10	10	10	3.28	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	1641	'411723247_/_43368865'		3.33	3.33	3.33	1.09	3.33	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	1642	'3719554_/_43371411'		2.67	3.33	3.33	1.09	1.2	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	1643	'3720265_/_231235967'		2.23	3.33	3.33	1.09	1.2	3.33	0.09 Yes	1.09 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SCL322	1644	'36408856_/44105434'	1.5	3.33	3.33	1.09	1.23	3.33	0.09 Yes	1.09	Thermal Discharging
SCL322	1645	'157410052_/3713442'	10	10	10	3.28	10	10	0.28 Yes	3.28	Thermal Discharging
SCL322	1646	'44055697_/44055687'	1.53	3.33	3.33	0.12	0.7	3.33	3.3 Yes	0.12	Thermal Discharging
SCL322	1647	'231236000_/3720263'	2.17	3.33	3.33	1.09	1.2	3.33	0.09 Yes	1.09	Thermal Discharging
SCL322	1648	'411722783_/157410054'	10	10	10	3.28	10	10	0.28 Yes	3.28	Thermal Discharging
SCL322	1649	'343146185_/231236002_1'	2.17	3.33	3.33	1.09	0.7	3.33	0.09 Yes	0.7	Element Fault
SCL322	1650	'7908598_/8441320'	4.5	10	10	0.37	5.7	10	9.91 Yes	0.37	Thermal Discharging
SCL322	1651	'157410422_/3713479'	10	10	10	3.28	10	10	0.28 Yes	3.28	Thermal Discharging
SCL322	1652	'7908433_/8533294'	1.7	3.33	3.33	1.09	1.2	3.33	0.09 Yes	1.09	Thermal Discharging
SCL322	1653	'457555357_/157410424'	10	10	10	3.28	10	10	0.28 Yes	3.28	Thermal Discharging
SCL322	1654	'457147488_/457554969_1'	10	10	10	3.28	6.6	10	0.28 Yes	3.28	Thermal Discharging
SCL322	1655	'749974010_/3713496'	10	10	10	3.28	10	10	0.28 Yes	3.28	Thermal Discharging
SCL322	1656	'43368942_/43369010'	3.33	3.33	3.33	1.09	1.2	3.33	0.09 Yes	1.09	Thermal Discharging
SCL322	1657	'3720213_/3720276'	2.1	3.33	3.33	1.09	1.2	3.33	0.09 Yes	1.09	Thermal Discharging
SCL322	1658	'44085306_/44085303'	1.43	3.33	3.33	1.09	1.23	3.33	0.09 Yes	1.09	Thermal Discharging
SCL322	1659	'3713499_/749974014'	10	10	10	3.28	10	10	0.28 Yes	3.28	Thermal Discharging
SCL322	1660	'446962176_/446962122'	4.4	10	10	0.37	2.3	10	9.91 Yes	0.37	Thermal Discharging
SCL322	1661	'7589471_/7908431'	1.67	3.33	3.33	1.09	1.2	3.33	0.09 Yes	1.09	Thermal Discharging
SCL322	1662	'615996048_/615995491'	10	10	10	3.28	10	10	0.28 Yes	3.28	Thermal Discharging
SCL322	1663	'351599836_/44055699'	1.47	3.33	3.33	0.12	0.7	3.33	3.3 Yes	0.12	Thermal Discharging
SCL322	1664	'615995510_/615995507'	10	10	10	3.28	10	10	0.28 Yes	3.28	Thermal Discharging
SCL322	1665	'615996239_/615995534_1'	10	10	10	0	10	10	8.65 Yes	0	Thermal Discharging
SCL322	1666	'457554990_/457554969_2'	10	10	10	3.28	6.6	10	0.28 Yes	3.28	Thermal Discharging
SCL322	1667	'602475006_/457555065_1'	10	10	10	3.28	6.6	10	0.28 Yes	3.28	Thermal Discharging
SCL322	1668	'157410480_/157308735'	10	10	10	3.28	10	10	0.28 Yes	3.28	Thermal Discharging
SCL322	1669	'615996069_/615995534_2'	10	10	10	0	10	10	8.65 Yes	0	Thermal Discharging
SCL322	1670	'123517964_/123518056'	4.2	10	10	0.37	3.7	10	9.91 Yes	0.37	Thermal Discharging
SCL322	1671	'406127790_/8428682'	4.5	10	10	0.37	5.7	10	9.91 Yes	0.37	Thermal Discharging
SCL322	1672	'615995564_/615995561'	10	10	10	0	10	10	8.65 Yes	0	Thermal Discharging
SCL322	1673	'157410545_/157410482'	10	10	10	3.28	10	10	0.28 Yes	3.28	Thermal Discharging
SCL322	1674	'615995873_/615995588'	10	10	10	0	10	10	8.65 Yes	0	Thermal Discharging
SCL322	1675	'452366673_/452366679'	4.5	10	10	0.37	5.7	10	9.91 Yes	0.37	Thermal Discharging
SCL322	1676	'3720266_/231236002_2'	2.03	3.33	3.33	1.09	0.7	3.33	0.09 Yes	0.7	Element Fault
SCL322	1677	'3713341_/615995917'	10	10	10	0	10	10	8.65 Yes	0	Thermal Discharging
SCL322	1678	'648078608_/3713351_1'	3.33	3.33	3.33	0	0.7	3.33	2.88 Yes	0	Thermal Discharging
SCL322	1679	'648078483_/3713351_2'	3.33	3.33	3.33	0	0.7	3.33	2.88 Yes	0	Thermal Discharging
SCL322	1680	'615995634_/615995631'	10	10	10	0	10	10	8.65 Yes	0	Thermal Discharging
SCL322	1681	'615996102_/615995649_1'	10	10	10	0	10	10	8.63 Yes	0	Thermal Discharging
SCL322	1682	'615995652_/615995649_2'	10	10	10	0	10	10	8.63 Yes	0	Thermal Discharging
SCL322	1683	'615995846_/615995709_1'	10	10	10	0	10	10	8.63 Yes	0	Thermal Discharging
SCL322	1684	'43368931_/3713607'	3.33	3.33	3.33	1.09	1.2	3.33	0.09 Yes	1.09	Thermal Discharging
SCL322	1685	'37709972_/7589469'	1.6	3.33	3.33	1.09	1.2	3.33	0.09 Yes	1.09	Thermal Discharging
SCL322	1686	'37709957_/37709976'	1.6	3.33	3.33	1.09	1.2	3.33	0.09 Yes	1.09	Thermal Discharging
SCL322	1687	'400244862_/400244859'	1.6	3.33	3.33	1.09	1.2	3.33	0.09 Yes	1.09	Thermal Discharging
SCL322	1688	'37709958_/37709955'	1.6	3.33	3.33	1.09	1.2	3.33	0.09 Yes	1.09	Thermal Discharging
SCL322	1689	'37709986_/37709997'	1.6	3.33	3.33	1.09	1.2	3.33	0.09 Yes	1.09	Thermal Discharging
SCL322	1690	'157410616_/157410547'	10	10	10	3.28	10	10	0.28 Yes	3.28	Thermal Discharging
SCL322	1691	'43371583_/3720211'	2	3.33	3.33	1.09	1.2	3.33	0.09 Yes	1.09	Thermal Discharging
SCL322	1692	'615995693_/615995709_2'	10	10	10	0	10	10	8.63 Yes	0	Thermal Discharging
SCL322	1693	'411723286_/43368920'	10	10	10	3.28	10	10	0.28 Yes	3.28	Thermal Discharging
SCL322	1694	'452366718_/452366768'	4.5	10	10	0.37	5.7	10	9.91 Yes	0.37	Thermal Discharging
SCL322	1695	'157308727_/157410618'	10	10	10	3.28	10	10	0.28 Yes	3.28	Thermal Discharging
SCL322	1696	'446962017_/446962027'	4.1	10	10	0.37	2.3	10	9.91 Yes	0.37	Thermal Discharging
SCL322	1697	'157410662_/157308893'	10	10	10	3.28	10	10	0.28 Yes	3.28	Thermal Discharging
SCL322	1698	'348496671_/348496673'	3.33	3.33	3.33	1.09	1.2	3.33	0.09 Yes	1.09	Thermal Discharging
SCL322	1699	'7589504_/8745608'	3.9	10	10	0.37	3.7	10	9.91 Yes	0.37	Thermal Discharging
SCL322	1700	'7589488_/7589485'	1.53	3.33	3.33	1.09	1.2	3.33	0.09 Yes	1.09	Thermal Discharging
SCL322	1701	'157410683_/157410664'	10	10	10	3.28	10	10	0.28 Yes	3.28	Thermal Discharging
SCL322	1702	'348496613_/348496653'	3.33	3.33	3.33	1.09	1.2	3.33	0.09 Yes	1.09	Thermal Discharging
SCL322	1703	'348496635_/7908187_2'	3.33	3.33	3.33	1.09	1.2	3.33	0.09 Yes	1.09	Thermal Discharging
SCL322	1704	'457555046_/457555065_2'	10	10	10	3.28	6.6	10	0.28 Yes	3.28	Thermal Discharging
SCL322	1705	'452366626_/452366737'	4.3	10	10	0.37	5.7	10	9.91 Yes	0.37	Thermal Discharging
SCL322	1706	'457147631_/457555112'	10	10	10	3.28	6.6	10	0.28 Yes	3.28	Thermal Discharging
SCL322	1707	'8758626_/9057703'	1.53	3.33	3.33	1.09	1.2	3.33	0.09 Yes	1.09	Thermal Discharging
SCL322	1708	'157411206_/157410685'	10	10	10	3.28	10	10	0.28 Yes	3.28	Thermal Discharging
SCL322	1709	'54800296_/54800303'	1.43	3.33	3.33	1.09	0.7	3.33	0.09 Yes	0.7	Element Fault
SCL322	1710	'123518071_/123518099'	3.9	10	10	0.37	3.7	10	9.91 Yes	0.37	Thermal Discharging
SCL322	1711	'43371605_/3720224'	1.9	3.33	3.33	1.09	1.2	3.33	0.09 Yes	1.09	Thermal Discharging
SCL322	1712	'406127846_/406127891'	4.3	10	10	0.37	5.7	10	9.91 Yes	0.37	Thermal Discharging
SCL322	1713	'123518086_/123518116'	2.6	6.67	6.67	0.25	2.47	6.67	6.6 Yes	0.25	Thermal Discharging
SCL322	1714	'157411265_/157411208'	10	10	10	3.28	10	10	0.28 Yes	3.28	Thermal Discharging
SCL322	1715	'503503485_/157411267'	10	10	10	3.28	10	10	0.28 Yes	3.28	Thermal Discharging
SCL322	1716	'43371594_/3720159'	1.87	3.33	3.33	1.09	1.2	3.33	0.09 Yes	1.09	Thermal Discharging
SCL322	1717	'231247968_/3720305'	1.87	3.33	3.33	1.09	1.2	3.33	0.09 Yes	1.09	Thermal Discharging
SCL322	1718	'343146191_/231247970_1'	1.87	3.33	3.33	1.09	0.7	3.33	0.09 Yes	0.7	Element Fault
SCL322	1719	'157308885_/503503489'	10	10	10	3.28	10	10	0.28 Yes	3.28	Thermal Discharging
SCL322	1720	'437833481_/8758624'	1.5	3.33	3.33	1.09	1.2	3.33	0.09 Yes	1.09	Thermal Discharging
SCL322	1721	'406127776_/406127865'	4.1	10	10	0.37	5.7	10	9.91 Yes	0.37	Thermal Discharging
SCL322	1722	'157411823_/3713692'	10	10	10	3.28	10	10	0.28 Yes	3.28	Thermal Discharging
SCL322	1723	'503504129_/157411825_1'	10	10	10	3.28	10	10	0.28 Yes	3.28	Thermal Discharging
SCL322	1724	'7908634_/123518133'	3.8	10	10	0.37	3.7	10	9.91 Yes	0.37	Thermal Discharging
SCL322	1725	'457147582_/457555159'	10	10	10	3.28	6.6	10	0.28 Yes	3.28	Thermal Discharging
SCL322	1726	'537496640_/503504127_1'	10	10	10	0	10	10	8.47 Yes	0	Thermal Discharging
SCL322	1727	'503504130_/503504127_2'	10	10	10	0	10	10	8.47 Yes	0	Thermal Discharging
SCL322	1728	'503504158_/503504155'	10	10	10	0	10	10	8.47 Yes	0	Thermal Discharging
SCL322	1729	'157411882_/157411825_2'	10	10	10	3.28	10	10	0.28 Yes	3.28	Thermal Discharging
SCL322	1730	'537497061_/503504173_1'	10	10	10	0	2.2	10	8.47 Yes	0	Thermal Discharging
SCL322	1731	'590524594_/503504173_2'	10	10	10	0	2.2	10	8.47 Yes	0	Thermal Discharging
SCL322	1732	'503504255_/503504252'	10	10	10	0	10	10	8.47 Yes	0	Thermal Discharging
SCL322	1733	'457555187_/457555206'	10	10	10	3.28	6.6	10	0.28 Yes	3.28	Thermal Discharging
SCL322	1734	'537497071_/503504276_1'	10	10	10	0	2.2	10	8.47 Yes	0	Thermal Discharging
SCL322	1735	'503504176_/503504173_3'	10	10	10	0	2.2	10	8.47 Yes	0	Thermal Discharging
SCL322	1736	'537497011_/503504200_1'	10	10	10	0	2.2	10	8.47 Yes	0	Thermal Discharging
SCL322	1737	'590524605_/503504276_2'	10	10	10	0	2.2	10	8.47 Yes	0	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SCL322	1738	'503504321_/_503504318'		10	10	10	0	10	10	8.47 Yes	0 Thermal Discharging
SCL322	1739	'537497081_/_503504342_1'		10	10	10	0	2.2	10	8.47 Yes	0 Thermal Discharging
SCL322	1740	'503504279_/_503504276_3'		10	10	10	0	2.2	10	8.47 Yes	0 Thermal Discharging
SCL322	1741	'537497021_/_537496536_1'		10	10	10	0	2.2	10	8.47 Yes	0 Thermal Discharging
SCL322	1742	'503504203_/_503504200_2'		10	10	10	0	2.2	10	8.47 Yes	0 Thermal Discharging
SCL322	1743	'590524616_/_503504342_2'		10	10	10	0	2.2	10	8.47 Yes	0 Thermal Discharging
SCL322	1744	'503504345_/_503504342_3'		10	10	10	0	2.2	10	8.47 Yes	0 Thermal Discharging
SCL322	1745	'503504379_/_503504376'		10	10	10	0	10	10	8.47 Yes	0 Thermal Discharging
SCL322	1746	'537497031_/_537496554_1'		10	10	10	0	2.2	10	8.47 Yes	0 Thermal Discharging
SCL322	1747	'537497091_/_503504400_1'		10	10	10	0	2.2	10	8.47 Yes	0 Thermal Discharging
SCL322	1748	'537496539_/_537496536_2'		10	10	10	0	2.2	10	8.47 Yes	0 Thermal Discharging
SCL322	1749	'590524627_/_503504400_2'		10	10	10	0	2.2	10	8.47 Yes	0 Thermal Discharging
SCL322	1750	'503504403_/_503504400_3'		10	10	10	0	2.2	10	8.47 Yes	0 Thermal Discharging
SCL322	1751	'537497041_/_537496572_1'		10	10	10	0	2.2	10	8.47 Yes	0 Thermal Discharging
SCL322	1752	'537496557_/_537496554_2'		10	10	10	0	2.2	10	8.47 Yes	0 Thermal Discharging
SCL322	1753	'537496461_/_537496458'		10	10	10	0	10	10	8.47 Yes	0 Thermal Discharging
SCL322	1754	'537497101_/_537496482_1'		10	10	10	0	2.2	10	8.47 Yes	0 Thermal Discharging
SCL322	1755	'7485201_/_406127828'		4.1	10	10	0.37	5.7	10	9.91 Yes	0.37 Thermal Discharging
SCL322	1756	'590524649_/_537496482_2'		10	10	10	0	2.2	10	8.47 Yes	0 Thermal Discharging
SCL322	1757	'537496575_/_537496572_2'		10	10	10	0	2.2	10	8.47 Yes	0 Thermal Discharging
SCL322	1758	'537496485_/_537496482_3'		10	10	10	0	2.2	10	8.47 Yes	0 Thermal Discharging
SCL322	1759	'537497051_/_537496590_1'		10	10	10	0	2.2	10	8.47 Yes	0 Thermal Discharging
SCL322	1760	'537496593_/_537496590_2'		10	10	10	0	2.2	10	8.47 Yes	0 Thermal Discharging
SCL322	1761	'3713671_/_157411884'		10	10	10	3.28	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	1762	'43371760_/_43371596'		1.8	3.33	3.33	1.09	1.2	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	1763	'7273456_/_7273453_1'		10	10	10	3.28	3.6	10	0.28 Yes	3.28 Thermal Discharging
SCL322	1764	'343146197_/_231250216_1'		1.8	3.33	3.33	1.09	0.7	3.33	0.09 Yes	0.7 Element Fault
SCL322	1765	'8423773_/_8423770'		1.43	3.33	3.33	1.09	1.2	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	1766	'7908672_/_7908669'		3.8	10	10	0.37	3.7	10	9.91 Yes	0.37 Thermal Discharging
SCL322	1767	'7908190_/_7908187_1'		3.17	3.33	3.33	1.09	0.7	3.33	0.09 Yes	0.7 Element Fault
SCL322	1768	'7589503_/_7589501'		4	10	10	0.37	3.7	10	9.91 Yes	0.37 Thermal Discharging
SCL322	1769	'7273455_/_7273453_2'		10	10	10	3.28	3.6	10	0.28 Yes	3.28 Thermal Discharging
SCL322	1770	'3713672_/_3713669'		10	10	10	3.28	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	1771	'73404431_/_73404437'		2.4	6.67	6.67	0.25	2.47	6.67	6.6 Yes	0.25 Thermal Discharging
SCL322	1772	'231250270_/_231250216_2'		1.77	3.33	3.33	1.09	0.7	3.33	0.09 Yes	0.7 Element Fault
SCL322	1773	'54800440_/_54800447'		1.33	3.33	3.33	1.09	0.7	3.33	0.09 Yes	0.7 Element Fault
SCL322	1774	'502086702_/_65647377'		10	10	10	3.28	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	1775	'231247950_/_231247970_2'		1.77	3.33	3.33	1.09	0.7	3.33	0.09 Yes	0.7 Element Fault
SCL322	1776	'457555234_/_457555253'		10	10	10	3.28	6.6	10	0.28 Yes	3.28 Thermal Discharging
SCL322	1777	'65647751_/_502086706'		10	10	10	3.28	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	1778	'73231538_/_123518192'		3.7	10	10	0.37	3.7	10	9.91 Yes	0.37 Thermal Discharging
SCL322	1779	'65647728_/_65647748'		10	10	10	3.28	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	1780	'43371682_/_3720500'		1.73	3.33	3.33	1.09	1.2	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	1781	'73404386_/_8426064'		3.6	10	10	0.37	3.7	10	9.91 Yes	0.37 Thermal Discharging
SCL322	1782	'65647611_/_65647725'		10	10	10	3.28	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	1783	'8426067_/_76682656'		3.6	10	10	0.37	3.7	10	9.91 Yes	0.37 Thermal Discharging
SCL322	1784	'7273560_/_7589277'		3.33	3.33	3.33	1.09	1.23	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	1785	'7485200_/_7485198'		3.8	10	10	0.37	5.7	10	9.91 Yes	0.37 Thermal Discharging
SCL322	1786	'8163469_/_8163467'		3.8	10	10	0.37	3.7	10	9.91 Yes	0.37 Thermal Discharging
SCL322	1787	'65647374_/_65647608'		10	10	10	3.28	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	1788	'231247900_/_231247952'		1.7	3.33	3.33	1.09	0.7	3.33	0.09 Yes	0.7 Element Fault
SCL322	1789	'627917143_/_54800650'		1.27	3.33	3.33	1.09	0.7	3.33	0.09 Yes	0.7 Element Fault
SCL322	1790	'627917047_/_627917173'		1.27	3.33	3.33	1.09	0.7	3.33	0.09 Yes	0.7 Element Fault
SCL322	1791	'627917097_/_627917127'		1.27	3.33	3.33	1.09	0.7	3.33	0.09 Yes	0.7 Element Fault
SCL322	1792	'65647231_/_65647111'		10	10	10	3.28	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	1793	'7273559_/_7273557'		3.33	3.33	3.33	1.09	1.23	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	1794	'7487057_/_7487054'		3.5	10	10	0.37	3.7	10	9.91 Yes	0.37 Thermal Discharging
SCL322	1795	'54800643_/_627917101'		1.23	3.33	3.33	1.09	0.7	3.33	0.09 Yes	0.7 Element Fault
SCL322	1796	'231250288_/_231250272'		1.67	3.33	3.33	1.09	0.7	3.33	0.09 Yes	0.7 Element Fault
SCL322	1797	'90691310_/_65647228'		10	10	10	3.28	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	1798	'7589296_/_7908251'		3.33	3.33	3.33	1.09	1.23	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	1799	'231254760_/_3720318'		1.63	3.33	3.33	1.09	1.2	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	1800	'302568007_/_7122501'		10	10	10	3.28	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	1801	'7273755_/_7273753'		3.8	10	10	0.37	5.7	10	9.91 Yes	0.37 Thermal Discharging
SCL322	1802	'65646888_/_302568009'		10	10	10	3.28	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	1803	'73230962_/_8429320'		3.4	10	10	0.37	3.7	10	9.91 Yes	0.37 Thermal Discharging
SCL322	1804	'56973132_/_56973134'		3.33	3.33	3.33	0.12	1.23	3.33	3.3 Yes	0.12 Thermal Discharging
SCL322	1805	'73231580_/_123518275'		3.4	10	10	0.37	3.7	10	9.91 Yes	0.37 Thermal Discharging
SCL322	1806	'57544308_/_57544314'		3.33	3.33	3.33	0.12	1.23	3.33	3.3 Yes	0.12 Thermal Discharging
SCL322	1807	'123517440_/_123518330'		2.2	6.67	6.67	0.25	2.47	6.67	6.6 Yes	0.25 Thermal Discharging
SCL322	1808	'231250229_/_231250290'		1.6	3.33	3.33	1.09	0.7	3.33	0.09 Yes	0.7 Element Fault
SCL322	1809	'65646932_/_65646935'		10	10	10	3.28	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	1810	'8119585_/_8747640_1'		3.4	10	10	0.37	3.6	10	9.91 Yes	0.37 Thermal Discharging
SCL322	1811	'54800711_/_54800713'		1.2	3.33	3.33	1.09	0.7	3.33	0.09 Yes	0.7 Element Fault
SCL322	1812	'3720359_/_231254764'		1.6	3.33	3.33	1.09	1.2	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	1813	'57544346_/_57544353'		3.33	3.33	3.33	0.12	1.23	3.33	3.3 Yes	0.12 Thermal Discharging
SCL322	1814	'420963551_/_420963572'		3.7	10	10	0.37	5.7	10	9.91 Yes	0.37 Thermal Discharging
SCL322	1815	'65646849_/_65646852'		10	10	10	3.28	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	1816	'65647095_/_65646762_1'		10	10	10	3.28	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	1817	'73231677_/_123518302'		2.2	6.67	6.67	0.25	2.47	6.67	6.6 Yes	0.25 Thermal Discharging
SCL322	1818	'57544221_/_57544372'		3.33	3.33	3.33	0.12	1.23	3.33	3.3 Yes	0.12 Thermal Discharging
SCL322	1819	'61108347_/_7908611'		3.7	10	10	0.37	5.7	10	9.91 Yes	0.37 Thermal Discharging
SCL322	1820	'65646759_/_65646762_2'		10	10	10	3.28	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	1821	'65648692_/_70217134_1'		10	10	10	3.28	0.8	10	0.28 Yes	0.8 Element Fault
SCL322	1822	'88728482_/_70217134_2'		10	10	10	3.28	0.8	10	0.28 Yes	0.8 Element Fault
SCL322	1823	'8223439_/_8223436'		3.33	3.33	3.33	1.09	1.23	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	1824	'3491053_/_3491050'		10	10	10	3.28	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	1825	'231789476_/_3720370'		1.57	3.33	3.33	1.09	1.2	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	1826	'123517065_/_123518313'		3.3	10	10	0.37	3.7	10	9.91 Yes	0.37 Thermal Discharging
SCL322	1827	'65647824_/_88729316'		10	10	10	3.28	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	1828	'55826829_/_65649507'		10	10	10	3.28	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	1829	'61108171_/_61108289'		3.6	10	10	0.37	5.7	10	9.91 Yes	0.37 Thermal Discharging
SCL322	1830	'8851756_/_8851753'		3.33	3.33	3.33	1.09	1.23	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	1831	'136971428_/_3490785'		10	10	10	3.28	10	10	0.28 Yes	3.28 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SCL322	1832	'88728470_/_55826835_1'		10	10	10	0.81	10	10	2.37 Yes	0.81 Thermal Discharging
SCL322	1833	'8807345_/_8851985'		3.6	10	10	0.37	5.7	10	9.91 Yes	0.37 Thermal Discharging
SCL322	1834	'43326384_/_55826835_2'		10	10	10	0.81	10	10	2.37 Yes	0.81 Thermal Discharging
SCL322	1835	'3490787_/_136971430'		10	10	10	3.28	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	1836	'61108262_/_61108264'		3.5	10	10	0.37	5.7	10	9.91 Yes	0.37 Thermal Discharging
SCL322	1837	'505594848_/_505594864'		1.13	3.33	3.33	1.09	0.7	3.33	0.09 Yes	0.7 Element Fault
SCL322	1838	'36454581_/_44086458'		3.33	3.33	3.33	0.12	1.23	3.33	3.3 Yes	0.12 Thermal Discharging
SCL322	1839	'73230511_/_123518341'		3.2	10	10	0.37	3.7	10	9.91 Yes	0.37 Thermal Discharging
SCL322	1840	'67106763_/_43326386'		10	10	10	0.81	10	10	2.37 Yes	0.81 Thermal Discharging
SCL322	1841	'43326410_/_3490822'		10	10	10	3.28	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	1842	'43326423_/_3491107'		10	10	10	3.28	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	1843	'3720333_/_231789478'		1.5	3.33	3.33	1.09	1.2	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	1844	'67108278_/_67106794'		10	10	10	0.81	10	10	2.37 Yes	0.81 Thermal Discharging
SCL322	1845	'61108152_/_61108302'		3.5	10	10	0.37	5.7	10	9.91 Yes	0.37 Thermal Discharging
SCL322	1846	'123517266_/_123518358'		2.13	6.67	6.67	0.25	2.47	6.67	6.6 Yes	0.25 Thermal Discharging
SCL322	1847	'240554558_/_3490839'		10	10	10	3.28	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	1848	'8532929_/_8851829'		3.33	3.33	3.33	1.09	1.23	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	1849	'7470276_/_8807342'		3.4	10	10	0.37	5.7	10	9.91 Yes	0.37 Thermal Discharging
SCL322	1850	'240557240_/_240557183'		10	10	10	3.28	10	10	0.28 Yes	3.28 Thermal Discharging
SCL322	1851	'473439050_/_466848367'		3.4	10	10	0.37	5.7	10	9.91 Yes	0.37 Thermal Discharging
SCL322	1852	'8532928_/_8532926'		3.33	3.33	3.33	1.09	1.23	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	1853	'136971310_/_136971312'		10	10	10	0.81	10	10	2.37 Yes	0.81 Thermal Discharging
SCL322	1854	'3720334_/_3720331'		1.47	3.33	3.33	1.09	1.2	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	1855	'466848396_/_466848429'		3.3	10	10	0.37	5.7	10	9.91 Yes	0.37 Thermal Discharging
SCL322	1856	'87881071_/_87881080'		3	10	10	0.37	3.7	10	9.91 Yes	0.37 Thermal Discharging
SCL322	1857	'8426768_/_57544208'		3.33	3.33	3.33	0.12	1.23	3.33	3.3 Yes	0.12 Thermal Discharging
SCL322	1858	'136971264_/_136971266'		10	10	10	0.81	10	10	2.37 Yes	0.81 Thermal Discharging
SCL322	1859	'67107039_/_67107042'		10	10	10	0.81	10	10	2.37 Yes	0.81 Thermal Discharging
SCL322	1860	'3720385_/_3720344'		1.4	3.33	3.33	1.09	1.2	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	1861	'87881118_/_87881129'		3	10	10	0.37	3.7	10	9.91 Yes	0.37 Thermal Discharging
SCL322	1862	'67107119_/_3487704'		10	10	10	0.81	10	10	2.37 Yes	0.81 Thermal Discharging
SCL322	1863	'231860266_/_3720396'		1.4	3.33	3.33	1.09	1.2	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	1864	'414808313_/_87881147'		2.9	10	10	0.37	3.7	10	9.91 Yes	0.37 Thermal Discharging
SCL322	1865	'136970977_/_136970981'		10	10	10	0.81	10	10	2.37 Yes	0.81 Thermal Discharging
SCL322	1866	'3720399_/_231860268'		1.37	3.33	3.33	1.09	1.2	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	1867	'67107289_/_136970974'		10	10	10	0.81	10	10	2.37 Yes	0.81 Thermal Discharging
SCL322	1868	'8533155_/_414808327'		2.8	10	10	0.37	3.7	10	9.91 Yes	0.37 Thermal Discharging
SCL322	1869	'231860339_/_7122445'		1.33	3.33	3.33	1.09	1.2	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	1870	'343146203_/_3720435_2'		1.33	3.33	3.33	1.09	1.2	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	1871	'3720386_/_3720383'		1.33	3.33	3.33	1.09	1.2	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	1872	'67107296_/_67107299'		10	10	10	0.81	10	10	2.37 Yes	0.81 Thermal Discharging
SCL322	1873	'67107380_/_137157024'		10	10	10	0.81	10	10	2.37 Yes	0.81 Thermal Discharging
SCL322	1874	'239279036_/_231860343'		1.3	3.33	3.33	1.09	1.2	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	1875	'67107475_/_67107396'		10	10	10	0.81	10	10	2.37 Yes	0.81 Thermal Discharging
SCL322	1876	'239288130_/_3720474'		1.27	3.33	3.33	1.09	1.2	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	1877	'67107486_/_67107491'		10	10	10	0.81	10	10	2.37 Yes	0.81 Thermal Discharging
SCL322	1878	'3720438_/_3720435_1'		1.27	3.33	3.33	1.09	0.7	3.33	0.09 Yes	0.7 Element Fault
SCL322	1879	'3720477_/_239288132'		1.27	3.33	3.33	1.09	1.2	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	1880	'67107588_/_3487622'		10	10	10	0.81	10	10	2.37 Yes	0.81 Thermal Discharging
SCL322	1881	'3710689_/_239279038'		1.27	3.33	3.33	1.09	1.2	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	1882	'3710690_/_3710687'		1.23	3.33	3.33	1.09	1.2	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	1883	'67107671_/_67107619'		10	10	10	0.81	10	10	2.37 Yes	0.81 Thermal Discharging
SCL322	1884	'231860456_/_43371728'		1.23	3.33	3.33	1.09	0.7	3.33	0.09 Yes	0.7 Element Fault
SCL322	1885	'3487560_/_67107708'		10	10	10	0.81	10	10	2.37 Yes	0.81 Thermal Discharging
SCL322	1886	'239289942_/_239289934'		1.2	3.33	3.33	1.09	1.2	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	1887	'8745594_/_8745592'		2.03	3.33	3.33	0.12	1.23	3.33	3.3 Yes	0.12 Thermal Discharging
SCL322	1888	'3720451_/_3720448'		1.2	3.33	3.33	1.09	0.7	3.33	0.09 Yes	0.7 Element Fault
SCL322	1889	'7908597_/_7908595'		1.77	3.33	3.33	0.12	1.9	3.33	3.3 Yes	0.12 Thermal Discharging
SCL322	1890	'239302633_/_3710713'		1.2	3.33	3.33	1.09	1.2	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	1891	'3487661_/_3487658'		3.33	3.33	3.33	0.27	3.33	3.33	0.79 Yes	0.27 Thermal Discharging
SCL322	1892	'239354703_/_8163589_1'		1.2	3.33	3.33	1.09	0.7	3.33	0.09 Yes	0.7 Element Fault
SCL322	1893	'8428684_/_9062557'		1.77	3.33	3.33	0.12	1.9	3.33	3.3 Yes	0.12 Thermal Discharging
SCL322	1894	'67107768_/_3487558'		10	10	10	0.81	10	10	2.37 Yes	0.81 Thermal Discharging
SCL322	1895	'239354694_/_8163589_2'		1.2	3.33	3.33	1.09	0.7	3.33	0.09 Yes	0.7 Element Fault
SCL322	1896	'239354854_/_43371695'		1.2	3.33	3.33	1.09	1.2	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	1897	'343146209_/_239355609_1'		1.2	3.33	3.33	1.09	0.7	3.33	0.09 Yes	0.7 Element Fault
SCL322	1898	'239302615_/_239302635'		1.17	3.33	3.33	1.09	1.2	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	1899	'9379149_/_9379162'		2.07	3.33	3.33	0.12	1.23	3.33	3.3 Yes	0.12 Thermal Discharging
SCL322	1900	'343146138_/_3710739_1'		1.17	3.33	3.33	1.09	0.7	3.33	0.09 Yes	0.7 Element Fault
SCL322	1901	'345768354_/_3710739_2'		1.17	3.33	3.33	1.09	0.7	3.33	0.09 Yes	0.7 Element Fault
SCL322	1902	'67107801_/_67107782'		10	10	10	0.81	10	10	2.37 Yes	0.81 Thermal Discharging
SCL322	1903	'239354796_/_239355609_2'		1.17	3.33	3.33	1.09	0.7	3.33	0.09 Yes	0.7 Element Fault
SCL322	1904	'239354639_/_3711873'		1.17	3.33	3.33	1.09	0.7	3.33	0.09 Yes	0.7 Element Fault
SCL322	1905	'67107873_/_3487575'		10	10	10	0.81	10	10	2.37 Yes	0.81 Thermal Discharging
SCL322	1906	'8117493_/_9379146'		1.93	3.33	3.33	0.12	1.23	3.33	3.3 Yes	0.12 Thermal Discharging
SCL322	1907	'3710742_/_3710739_3'		1.13	3.33	3.33	1.09	0.7	3.33	0.09 Yes	0.7 Element Fault
SCL322	1908	'239302561_/_239302617'		1.13	3.33	3.33	1.09	1.2	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	1909	'343146158_/_3710752_1'		1.13	3.33	3.33	1.09	0.7	3.33	0.09 Yes	0.7 Element Fault
SCL322	1910	'67107954_/_67107883'		9.8	10	10	0.81	10	10	2.37 Yes	0.81 Thermal Discharging
SCL322	1911	'3487372_/_67107964'		9.7	10	10	0.81	10	10	2.37 Yes	0.81 Thermal Discharging
SCL322	1912	'3487390_/_3487403_1'		3.23	3.33	3.33	0.27	1.2	3.33	0.79 Yes	0.27 Thermal Discharging
SCL322	1913	'8163540_/_123518152'		1.47	3.33	3.33	0.12	1.23	3.33	3.3 Yes	0.12 Thermal Discharging
SCL322	1914	'239347604_/_3710752_2'		1.1	3.33	3.33	1.09	0.7	3.33	0.09 Yes	0.7 Element Fault
SCL322	1915	'43367850_/_239302563'		1.1	3.33	3.33	1.09	1.2	3.33	0.09 Yes	1.09 Thermal Discharging
SCL322	1916	'3487373_/_3487370'		9.5	10	10	0.81	10	10	2.37 Yes	0.81 Thermal Discharging
SCL322	1917	'434045722_/_136970920_2'		3.17	3.33	3.33	0.27	3.33	3.33	0.79 Yes	0.27 Thermal Discharging
SCL322	1918	'434045700_/_3487442_1'		3.17	3.33	3.33	0.27	1.2	3.33	0.79 Yes	0.27 Thermal Discharging
SCL322	1919	'44078564_/_3487403_2'		3.23	3.33	3.33	0.27	1.2	3.33	0.79 Yes	0.27 Thermal Discharging
SCL322	1920	'3487445_/_3487442_2'		3.17	3.33	3.33	0.27	1.2	3.33	0.79 Yes	0.27 Thermal Discharging
SCL322	1921	'43325363_/_3487458'		9.2	10	10	0.81	10	10	2.37 Yes	0.81 Thermal Discharging
SCL322	1922	'8117492_/_8117490'		1.57	3.33	3.33	0.12	1.23	3.33	3.3 Yes	0.12 Thermal Discharging
SCL322	1923	'136970916_/_136970920_1'		3.17	3.33	3.33	0.27	1.2	3.33	0.79 Yes	0.27 Thermal Discharging
SCL322	1924	'67108035_/_67108041'		9.1	10	10	0.81	10	10	2.37 Yes	0.81 Thermal Discharging
SCL322	1925	'7273756_/_8163501'		1.43	3.33	3.33	0.12	1.9	3.33	3.3 Yes	0.12 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SCL322	1926	'43367861_/3710726'	1.07	3.33	3.33	1.09	1.2	3.33	0.09 Yes	1.07	Primary Over-Voltage
SCL322	1927	'76631629_/3487671'	3.2	3.33	3.33	0.27	1.2	3.33	0.79 Yes	0.27	Thermal Discharging
SCL322	1928	'7796019_/7796017'	1.43	3.33	3.33	0.12	1.9	3.33	3.3 Yes	0.12	Thermal Discharging
SCL322	1929	'73404476_/73404501'	1.33	3.33	3.33	0.12	1.23	3.33	3.3 Yes	0.12	Thermal Discharging
SCL322	1930	'239299136_/3710700'	1.03	3.33	3.33	1.09	1.2	3.33	0.09 Yes	1.03	Primary Over-Voltage
SCL322	1931	'67108167_/67108129'	8.7	10	10	0.81	10	10	2.37 Yes	0.81	Thermal Discharging
SCL322	1932	'67108170_/67108173'	8.6	10	10	0.81	10	10	2.37 Yes	0.81	Thermal Discharging
SCL322	1933	'43325340_/44078566'	2.9	3.33	3.33	0.27	1.2	3.33	0.79 Yes	0.27	Thermal Discharging
SCL322	1934	'43325303_/43325318'	8.5	10	10	0.81	10	10	2.37 Yes	0.81	Thermal Discharging
SCL322	1935	'73231628_/73231639'	1.23	3.33	3.33	0.12	1.23	3.33	3.3 Yes	0.12	Thermal Discharging
SCL322	1936	'43367872_/239299140'	1	3.33	3.33	1.09	1.2	3.33	0.09 Yes	1	Primary Over-Voltage
SCL322	1937	'7273776_/7273773'	1.13	3.33	3.33	0.12	1.23	3.33	3.3 Yes	0.12	Thermal Discharging
SCL322	1938	'3487171_/43325305'	8.1	10	10	0.81	10	10	2.37 Yes	0.81	Thermal Discharging
SCL322	1939	'714988799_/263871956_1'	10	10	10	3.28	2.3	10	0.27 Yes	2.3	Element Fault
SCL322	1940	'86623111_/43325182'	2.7	3.33	3.33	0.27	2.6	3.33	0.79 Yes	0.27	Thermal Discharging
SCL322	1941	'91120243_/74677249_1'	2.7	3.33	3.33	0.27	1.5	3.33	0.79 Yes	0.27	Thermal Discharging
SCL322	1942	'3487170_/3487168'	8.1	10	10	0.81	10	10	2.37 Yes	0.81	Thermal Discharging
SCL322	1943	'719488247_/719488244'	1.2	3.33	3.33	0.12	0.7	3.33	3.3 Yes	0.12	Thermal Discharging
SCL322	1944	'719489146_/719488256'	1.2	3.33	3.33	0.12	1.23	3.33	3.3 Yes	0.12	Thermal Discharging
SCL322	1945	'3487101_/3487191'	8	10	10	0.81	10	10	2.37 Yes	0.81	Thermal Discharging
SCL322	1946	'90691933_/74677249_2'	2.7	3.33	3.33	0.27	1.5	3.33	0.79 Yes	0.27	Thermal Discharging
SCL322	1947	'43367927_/3710791'	0.97	3.33	3.33	1.09	1.2	3.33	0.09 Yes	0.97	Primary Over-Voltage
SCL322	1948	'3487114_/3487111'	8	10	10	0.81	10	10	2.37 Yes	0.81	Thermal Discharging
SCL322	1949	'90691666_/74677121_1'	2.67	3.33	3.33	0.27	0.9	3.33	0.79 Yes	0.27	Thermal Discharging
SCL322	1950	'90692238_/74677121_2'	2.67	3.33	3.33	0.27	0.9	3.33	0.79 Yes	0.27	Thermal Discharging
SCL322	1951	'43325268_/3487131'	7.9	10	10	0.81	10	10	2.37 Yes	0.81	Thermal Discharging
SCL322	1952	'719488253_/7589521'	1.2	3.33	3.33	0.12	1.23	3.33	3.3 Yes	0.12	Thermal Discharging
SCL322	1953	'719488227_/719488250'	1.2	3.33	3.33	0.12	1.23	3.33	3.3 Yes	0.12	Thermal Discharging
SCL322	1954	'7589524_/719488231'	1.2	3.33	3.33	0.12	1.23	3.33	3.3 Yes	0.12	Thermal Discharging
SCL322	1955	'3487057_/43325270'	7.9	10	10	0.81	10	10	2.37 Yes	0.81	Thermal Discharging
SCL322	1956	'64529530_/3487055_1'	7.9	10	10	0.81	3.6	10	2.37 Yes	0.81	Thermal Discharging
SCL322	1957	'43325655_/3488131'	7.8	10	10	0.81	10	10	2.37 Yes	0.81	Thermal Discharging
SCL322	1958	'3488151_/43325657'	7.8	10	10	0.81	10	10	2.37 Yes	0.81	Thermal Discharging
SCL322	1959	'3710768_/3710765'	0.93	3.33	3.33	1.09	1.2	3.33	0.09 Yes	0.93	Primary Over-Voltage
SCL322	1960	'3488114_/3488165'	7.7	10	10	0.81	10	10	2.37 Yes	0.81	Thermal Discharging
SCL322	1961	'3487954_/3487055_2'	7.8	10	10	0.81	3.6	10	2.37 Yes	0.81	Thermal Discharging
SCL322	1962	'719488311_/719488327'	1.17	3.33	3.33	0.12	0.7	3.33	3.3 Yes	0.12	Thermal Discharging
SCL322	1963	'3488097_/3488111'	7.7	10	10	0.81	10	10	2.37 Yes	0.81	Thermal Discharging
SCL322	1964	'43325559_/3488348'	7.6	10	10	0.81	3.6	10	2.37 Yes	0.81	Thermal Discharging
SCL322	1965	'3488077_/3488094'	7.7	10	10	0.81	10	10	2.37 Yes	0.81	Thermal Discharging
SCL322	1966	'3487991_/3488074'	7.7	10	10	0.81	10	10	2.37 Yes	0.81	Thermal Discharging
SCL322	1967	'64528477_/3488335_3'	2.57	3.33	3.33	0.27	3.33	3.33	0.79 Yes	0.27	Thermal Discharging
SCL322	1968	'64528627_/3488335_2'	2.57	3.33	3.33	0.27	1.2	3.33	0.79 Yes	0.27	Thermal Discharging
SCL322	1969	'3488043_/3488057'	7.7	10	10	0.81	10	10	2.37 Yes	0.81	Thermal Discharging
SCL322	1970	'3487970_/3488368'	7.5	10	10	0.81	3.6	10	2.37 Yes	0.81	Thermal Discharging
SCL322	1971	'3710781_/3710778'	0.93	3.33	3.33	1.09	1.2	3.33	0.09 Yes	0.93	Primary Over-Voltage
SCL322	1972	'3488026_/3488040'	7.6	10	10	0.81	10	10	2.37 Yes	0.81	Thermal Discharging
SCL322	1973	'263872147_/263871956_2'	10	10	10	3.28	2.3	10	0.27 Yes	2.3	Element Fault
SCL322	1974	'3487990_/3487988'	2.57	3.33	3.33	0.27	1.2	3.33	0.79 Yes	0.27	Thermal Discharging
SCL322	1975	'43325629_/43325631'	7.6	10	10	0.81	10	10	2.37 Yes	0.81	Thermal Discharging
SCL322	1976	'3488338_/3488335_1'	2.53	3.33	3.33	0.27	1.2	3.33	0.79 Yes	0.27	Thermal Discharging
SCL322	1977	'3488387_/43325803'	2.53	3.33	3.33	0.27	1.2	3.33	0.79 Yes	0.27	Thermal Discharging
SCL322	1978	'3488304_/3488302'	7.5	10	10	0.81	10	10	2.37 Yes	0.81	Thermal Discharging
SCL322	1979	'64528723_/3488319_1'	2.5	3.33	3.33	0.27	1.2	3.33	0.79 Yes	0.27	Thermal Discharging
SCL322	1980	'3487971_/3487968'	7.2	10	10	0.81	3.6	10	2.37 Yes	0.81	Thermal Discharging
SCL322	1981	'3489311_/3489325'	7.5	10	10	0.81	10	10	2.37 Yes	0.81	Thermal Discharging
SCL322	1982	'3488252_/3488319_2'	2.5	3.33	3.33	0.27	1.2	3.33	0.79 Yes	0.27	Thermal Discharging
SCL322	1983	'3488185_/3488182'	7.3	10	10	0.81	10	10	2.37 Yes	0.81	Thermal Discharging
SCL322	1984	'3489345_/64530104_1'	2.5	3.33	3.33	0.27	0.4	3.33	0.79 Yes	0.27	Thermal Discharging
SCL322	1985	'43325594_/43325596'	7.5	10	10	0.81	10	10	2.37 Yes	0.81	Thermal Discharging
SCL322	1986	'3488202_/3488199'	7.2	10	10	0.81	10	10	2.37 Yes	0.81	Thermal Discharging
SCL322	1987	'3488253_/3488250'	2.47	3.33	3.33	0.27	1.2	3.33	0.79 Yes	0.27	Thermal Discharging
SCL322	1988	'263871959_/263871956_3'	10	10	10	3.28	2.3	10	0.27 Yes	2.3	Element Fault
SCL322	1989	'64530200_/64530104_2'	2.5	3.33	3.33	0.27	0.4	3.33	0.79 Yes	0.27	Thermal Discharging
SCL322	1990	'3488008_/3488006'	7.4	10	10	0.81	10	10	2.37 Yes	0.81	Thermal Discharging
SCL322	1991	'43325642_/3488216'	7.2	10	10	0.81	10	10	2.37 Yes	0.81	Thermal Discharging
SCL322	1992	'43325768_/3488263'	2.43	3.33	3.33	0.27	1.2	3.33	0.79 Yes	0.27	Thermal Discharging
SCL322	1993	'3488236_/3488233'	7.1	10	10	0.81	10	10	2.37 Yes	0.81	Thermal Discharging
SCL322	1994	'3488470_/3488468'	7.4	10	10	0.81	10	10	2.37 Yes	0.81	Thermal Discharging
SCL322	1995	'64528894_/3488485_1'	2.43	3.33	3.33	0.27	1.2	3.33	0.79 Yes	0.27	Thermal Discharging
SCL322	1996	'3488504_/3488501'	7.1	10	10	0.81	10	10	2.37 Yes	0.81	Thermal Discharging
SCL322	1997	'3488585_/3489648'	7.3	10	10	0.81	10	10	2.37 Yes	0.81	Thermal Discharging
SCL322	1998	'3488488_/3488485_2'	2.43	3.33	3.33	0.27	1.2	3.33	0.79 Yes	0.27	Thermal Discharging
SCL322	1999	'3488871_/3489157'	7.2	10	10	0.81	10	10	2.37 Yes	0.81	Thermal Discharging
SCL322	2000	'43325681_/3488583'	7.3	10	10	0.81	10	10	2.37 Yes	0.81	Thermal Discharging
SCL322	2001	'3488666_/43325770'	2.4	3.33	3.33	0.27	1.2	3.33	0.79 Yes	0.27	Thermal Discharging
SCL322	2002	'3488566_/3488563'	7.3	10	10	0.81	10	10	2.37 Yes	0.81	Thermal Discharging
SCL322	2003	'7809604_/9076359_1'	7.3	10	10	0.81	3.6	10	2.37 Yes	0.81	Thermal Discharging
SCL322	2004	'3488854_/3488868'	7.2	10	10	0.81	10	10	2.37 Yes	0.81	Thermal Discharging
SCL322	2005	'74678550_/3488455_1'	2.4	3.33	3.33	0.27	0.7	3.33	0.79 Yes	0.27	Thermal Discharging
SCL322	2006	'3489263_/3489701'	7.2	10	10	0.81	10	10	2.37 Yes	0.81	Thermal Discharging
SCL322	2007	'43325742_/43325744'	7.1	10	10	0.81	10	10	2.37 Yes	0.81	Thermal Discharging
SCL322	2008	'90742193_/3488455_2'	2.4	3.33	3.33	0.27	0.7	3.33	0.79 Yes	0.27	Thermal Discharging
SCL322	2009	'9076362_/9076359_2'	7.2	10	10	0.81	3.6	10	2.37 Yes	0.81	Thermal Discharging
SCL322	2010	'43325779_/3488689'	2.37	3.33	3.33	0.27	1.2	3.33	0.79 Yes	0.27	Thermal Discharging
SCL322	2011	'43325694_/3488600'	7.2	10	10	0.81	10	10	2.37 Yes	0.81	Thermal Discharging
SCL322	2012	'3488807_/3488817'	7.1	10	10	0.81	10	10	2.37 Yes	0.81	Thermal Discharging
SCL322	2013	'64528440_/3488804_2'	2.37	3.33	3.33	0.27	3.33	3.33	0.79 Yes	0.27	Thermal Discharging
SCL322	2014	'3488620_/43325696'	7.1	10	10	0.81	10	10	2.37 Yes	0.81	Thermal Discharging
SCL322	2015	'43325731_/3488804_1'	2.37	3.33	3.33	0.27	1.2	3.33	0.79 Yes	0.27	Thermal Discharging
SCL322	2016	'64529161_/3488634_1'	2.37	3.33	3.33	0.27	1.2	3.33	0.79 Yes	0.27	Thermal Discharging
SCL322	2017	'3489231_/3489261'	7.1	10	10	0.81	10	10	2.37 Yes	0.81	Thermal Discharging
SCL322	2018	'3488278_/43325781'	2.33	3.33	3.33	0.27	1.2	3.33	0.79 Yes	0.27	Thermal Discharging
SCL322	2019	'74677979_/74678795_2'	2.37	3.33	3.33	0.27	2.8	3.33	0.79 Yes	0.27	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SCL322	2020	'43325707_/_3488702'	7.1	10	10	0.81	10	10	2.37	Yes	0.81 Thermal Discharging
SCL322	2021	'433055455_/_3488930'	7	10	10	0.81	10	10	2.37	Yes	0.81 Thermal Discharging
SCL322	2022	'263871984_/_263871981'	10	10	10	3.28	2.3	10	0.27	Yes	2.3 Element Fault
SCL322	2023	'355303660_/_263872001_1'	10	10	10	3.28	2.3	10	0.27	Yes	2.3 Element Fault
SCL322	2024	'352546015_/_263872001_2'	10	10	10	3.28	2.3	10	0.27	Yes	2.3 Element Fault
SCL322	2025	'3488953_/_433055457'	7	10	10	0.81	10	10	2.37	Yes	0.81 Thermal Discharging
SCL322	2026	'3488637_/_3488634_2'	2.33	3.33	3.33	0.27	1.2	3.33	0.79	Yes	0.27 Thermal Discharging
SCL322	2027	'3488781_/_3488791'	2.33	3.33	3.33	0.27	1.2	3.33	0.79	Yes	0.27 Thermal Discharging
SCL322	2028	'719489177_/_719488430'	1	3.33	3.33	0.12	0.7	3.33	3.3	Yes	0.12 Thermal Discharging
SCL322	2029	'427608469_/_263872001_3'	10	10	10	3.28	2.3	10	0.27	Yes	2.3 Element Fault
SCL322	2030	'319200935_/_89055145_1'	2.33	3.33	3.33	0.27	1.2	3.33	0.79	Yes	0.27 Thermal Discharging
SCL322	2031	'3489051_/_3489049_1'	6.9	10	10	0.81	3.7	10	2.37	Yes	0.81 Thermal Discharging
SCL322	2032	'3489142_/_3489244_1'	7	10	10	0.81	10	10	2.37	Yes	0.81 Thermal Discharging
SCL322	2033	'3489108_/_3489244_2'	7	10	10	0.81	10	10	2.37	Yes	0.81 Thermal Discharging
SCL322	2034	'89055245_/_89055145_2'	2.33	3.33	3.33	0.27	1.2	3.33	0.79	Yes	0.27 Thermal Discharging
SCL322	2035	'74678801_/_74678795_1'	2.33	3.33	3.33	0.27	1.2	3.33	0.79	Yes	0.27 Thermal Discharging
SCL322	2036	'3488279_/_3488276'	2.3	3.33	3.33	0.27	1.2	3.33	0.79	Yes	0.27 Thermal Discharging
SCL322	2037	'44078553_/_43325342'	2.1	3.33	3.33	0.27	1.2	3.33	0.79	Yes	0.27 Thermal Discharging
SCL322	2038	'3489721_/_3489718_2'	2.33	3.33	3.33	0.27	3.33	3.33	0.79	Yes	0.27 Thermal Discharging
SCL322	2039	'3488653_/_3488650'	2.33	3.33	3.33	0.27	1.2	3.33	0.79	Yes	0.27 Thermal Discharging
SCL322	2040	'3489052_/_3489049_2'	6.8	10	10	0.81	3.7	10	2.37	Yes	0.81 Thermal Discharging
SCL322	2041	'43325668_/_3489106'	6.8	10	10	0.81	10	10	2.37	Yes	0.81 Thermal Discharging
SCL322	2042	'3488537_/_3489718_1'	2.3	3.33	3.33	0.27	1.2	3.33	0.79	Yes	0.27 Thermal Discharging
SCL322	2043	'3488768_/_3488778'	2.27	3.33	3.33	0.27	1.2	3.33	0.79	Yes	0.27 Thermal Discharging
SCL322	2044	'86834135_/_86833949'	6.8	10	10	0.81	10	10	2.37	Yes	0.81 Thermal Discharging
SCL322	2045	'86835967_/_86835942_1'	5.8	10	10	0.81	3.6	10	2.37	Yes	0.81 Thermal Discharging
SCL322	2046	'64529817_/_3488901'	2.27	3.33	3.33	0.27	1.2	3.33	0.79	Yes	0.27 Thermal Discharging
SCL322	2047	'3489072_/_3489069'	6.7	10	10	0.81	3.7	10	2.37	Yes	0.81 Thermal Discharging
SCL322	2048	'55496453_/_7487414'	4	6.67	6.67	0.54	2.47	6.67	1.58	Yes	0.54 Thermal Discharging
SCL322	2049	'55496484_/_8429718'	4	6.67	6.67	0.54	2.47	6.67	1.58	Yes	0.54 Thermal Discharging
SCL322	2050	'43325813_/_3489368'	6.7	10	10	0.81	3.7	10	2.37	Yes	0.81 Thermal Discharging
SCL322	2051	'3488552_/_3488550'	2.27	3.33	3.33	0.27	1.2	3.33	0.79	Yes	0.27 Thermal Discharging
SCL322	2052	'43325720_/_43325722'	2.23	3.33	3.33	0.27	1.2	3.33	0.79	Yes	0.27 Thermal Discharging
SCL322	2053	'3489126_/_3489123'	6.7	10	10	0.81	10	10	2.37	Yes	0.81 Thermal Discharging
SCL322	2054	'692977755_/_692977739_1'	6.7	10	10	0.81	3.6	10	2.37	Yes	0.81 Thermal Discharging
SCL322	2055	'43325826_/_3489385'	6.6	10	10	0.81	3.7	10	2.37	Yes	0.81 Thermal Discharging
SCL322	2056	'3488524_/_3488534'	2.23	3.33	3.33	0.27	1.2	3.33	0.79	Yes	0.27 Thermal Discharging
SCL322	2057	'55496466_/_8119486'	6.1	10	10	0.81	3.7	10	2.37	Yes	0.81 Thermal Discharging
SCL322	2058	'153821752_/_153821758'	3.93	6.67	6.67	0.54	2.47	6.67	1.58	Yes	0.54 Thermal Discharging
SCL322	2059	'86834136_/_86834031'	6.6	10	10	0.81	10	10	2.37	Yes	0.81 Thermal Discharging
SCL322	2060	'7497541_/_8758176_1'	2.23	3.33	3.33	0.27	0.2	3.33	0.79	Yes	0.2 Element Fault
SCL322	2061	'483075173_/_3488719'	6.7	10	10	0.81	10	10	2.37	Yes	0.81 Thermal Discharging
SCL322	2062	'692977600_/_692977739_2'	6.6	10	10	0.81	3.6	10	2.37	Yes	0.81 Thermal Discharging
SCL322	2063	'86834263_/_86834099'	6.6	10	10	0.81	10	10	2.37	Yes	0.81 Thermal Discharging
SCL322	2064	'51919397_/_43325841'	6.5	10	10	0.81	3.7	10	2.37	Yes	0.81 Thermal Discharging
SCL322	2065	'3489281_/_3489278'	6.5	10	10	0.81	10	10	2.37	Yes	0.81 Thermal Discharging
SCL322	2066	'8429989_/_8429986'	6.1	10	10	0.81	3.7	10	2.37	Yes	0.81 Thermal Discharging
SCL322	2067	'153821825_/_153821830'	6.1	10	10	0.81	3.7	10	2.37	Yes	0.81 Thermal Discharging
SCL322	2068	'87211208_/_74678399_2'	6.5	10	10	0.81	10	10	2.37	Yes	0.81 Thermal Discharging
SCL322	2069	'3488523_/_3488521'	2.2	3.33	3.33	0.27	1.2	3.33	0.79	Yes	0.27 Thermal Discharging
SCL322	2070	'7470335_/_74678399_1'	6.5	10	10	0.81	3.6	10	2.37	Yes	0.81 Thermal Discharging
SCL322	2071	'51919421_/_51919394'	6.4	10	10	0.81	3.7	10	2.37	Yes	0.81 Thermal Discharging
SCL322	2072	'8758179_/_8758176_2'	2.2	3.33	3.33	0.27	0.2	3.33	0.79	Yes	0.2 Element Fault
SCL322	2073	'43326021_/_3489436'	6.4	10	10	0.81	3.7	10	2.37	Yes	0.81 Thermal Discharging
SCL322	2074	'86834329_/_86834232'	6.5	10	10	0.81	10	10	2.37	Yes	0.81 Thermal Discharging
SCL322	2075	'322994511_/_3490541'	6.3	10	10	0.81	3.7	10	2.37	Yes	0.81 Thermal Discharging
SCL322	2076	'86834440_/_86834298'	6.4	10	10	0.81	10	10	2.37	Yes	0.81 Thermal Discharging
SCL322	2077	'3490060_/_3490524'	6.4	10	10	0.81	10	10	2.37	Yes	0.81 Thermal Discharging
SCL322	2078	'68017373_/_9381348_2'	6.3	10	10	0.81	10	10	2.37	Yes	0.81 Thermal Discharging
SCL322	2079	'322994424_/_3490344'	6.2	10	10	0.81	3.7	10	2.37	Yes	0.81 Thermal Discharging
SCL322	2080	'55496450_/_9381348_1'	6.3	10	10	0.81	3.7	10	2.37	Yes	0.81 Thermal Discharging
SCL322	2081	'90742259_/_3490058'	6.3	10	10	0.81	10	10	2.37	Yes	0.81 Thermal Discharging
SCL322	2082	'86834466_/_86834406'	6.3	10	10	0.81	10	10	2.37	Yes	0.81 Thermal Discharging
SCL322	2083	'86834763_/_86834686_1'	6.3	10	10	0.81	4.5	10	2.37	Yes	0.81 Thermal Discharging
SCL322	2084	'86834782_/_86834686_2'	6.3	10	10	0.81	4.5	10	2.37	Yes	0.81 Thermal Discharging
SCL322	2085	'322994824_/_3490361'	6.2	10	10	0.81	3.7	10	2.37	Yes	0.81 Thermal Discharging
SCL322	2086	'55496527_/_55496534'	5.8	10	10	0.81	3.7	10	2.37	Yes	0.81 Thermal Discharging
SCL322	2087	'43326060_/_322994830'	6.1	10	10	0.81	3.7	10	2.37	Yes	0.81 Thermal Discharging
SCL322	2088	'64529627_/_3490092'	6.1	10	10	0.81	10	10	2.37	Yes	0.81 Thermal Discharging
SCL322	2089	'64527721_/_8747792_1'	6.1	10	10	0.81	3.7	10	2.37	Yes	0.81 Thermal Discharging
SCL322	2090	'50284744_/_43326062'	6.1	10	10	0.81	3.7	10	2.37	Yes	0.81 Thermal Discharging
SCL322	2091	'702715451_/_3490212'	6.1	10	10	0.81	3.7	10	2.37	Yes	0.81 Thermal Discharging
SCL322	2092	'86834865_/_86834469'	6.2	10	10	0.81	10	10	2.37	Yes	0.81 Thermal Discharging
SCL322	2093	'702715554_/_702715520_1'	6.1	10	10	0.81	2.2	10	2.37	Yes	0.81 Thermal Discharging
SCL322	2094	'86836404_/_8429574_1'	2.07	3.33	3.33	0.27	0.2	3.33	0.79	Yes	0.2 Element Fault
SCL322	2095	'86836446_/_8429574_2'	2.07	3.33	3.33	0.27	0.1	3.33	0.79	Yes	0.1 Element Fault
SCL322	2096	'89054409_/_702715457'	6	10	10	0.81	3.7	10	2.37	Yes	0.81 Thermal Discharging
SCL322	2097	'702715504_/_702715520_2'	6	10	10	0.81	2.2	10	2.37	Yes	0.81 Thermal Discharging
SCL322	2098	'7797742_/_8747792_2'	6	10	10	0.81	3.7	10	2.37	Yes	0.81 Thermal Discharging
SCL322	2099	'90427799_/_43325999_2'	2	3.33	3.33	0.27	1.23	3.33	0.79	Yes	0.27 Thermal Discharging
SCL322	2100	'3490023_/_3490075'	6	10	10	0.81	10	10	2.37	Yes	0.81 Thermal Discharging
SCL322	2101	'7470315_/_7797739'	6	10	10	0.81	3.7	10	2.37	Yes	0.81 Thermal Discharging
SCL322	2102	'86835077_/_86834868'	6.1	10	10	0.81	10	10	2.37	Yes	0.81 Thermal Discharging
SCL322	2103	'349662443_/_349661630_1'	6.1	10	10	0.81	4	10	2.37	Yes	0.81 Thermal Discharging
SCL322	2104	'3490024_/_3490021'	6	10	10	0.81	10	10	2.37	Yes	0.81 Thermal Discharging
SCL322	2105	'7470316_/_7470313'	6	10	10	0.81	3.7	10	2.37	Yes	0.81 Thermal Discharging
SCL322	2106	'349662355_/_86835426'	6	10	10	0.81	10	10	2.37	Yes	0.81 Thermal Discharging
SCL322	2107	'349662198_/_349662357_1'	6	10	10	0.81	4.5	10	2.37	Yes	0.81 Thermal Discharging
SCL322	2108	'7470423_/_8429952'	3.6	6.67	6.67	0.54	1.47	6.67	1.58	Yes	0.54 Thermal Discharging
SCL322	2109	'3490152_/_3490149'	5.9	10	10	0.81	3.7	10	2.37	Yes	0.81 Thermal Discharging
SCL322	2110	'86835873_/_349662357_2'	6	10	10	0.81	4.5	10	2.37	Yes	0.81 Thermal Discharging
SCL322	2111	'3489783_/_3490112'	5.9	10	10	0.81	10	10	2.37	Yes	0.81 Thermal Discharging
SCL322	2112	'3490168_/_43325999_1'	1.97	3.33	3.33	0.27	0.7	3.33	0.79	Yes	0.27 Thermal Discharging
SCL322	2113	'471627189_/_3489781'	5.9	10	10	0.81	10	10	2.37	Yes	0.81 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SCL322	2114	'349661659_/349661630_2'		6	10	10	0.81	4	10	2.37 Yes	0.81 Thermal Discharging
SCL322	2115	'349661712_/349661657_1'		6	10	10	0.81	4	10	2.37 Yes	0.81 Thermal Discharging
SCL322	2116	'43325958_/3490038'		5.9	10	10	0.81	10	10	2.37 Yes	0.81 Thermal Discharging
SCL322	2117	'3489766_/3489764'		5.9	10	10	0.81	10	10	2.37 Yes	0.81 Thermal Discharging
SCL322	2118	'411291677_/411291432_1'		5.9	10	10	0.81	3.7	10	2.37 Yes	0.81 Thermal Discharging
SCL322	2119	'86835126_/86835080'		5.9	10	10	0.81	10	10	2.37 Yes	0.81 Thermal Discharging
SCL322	2120	'86215498_/90831060_1'		1.97	3.33	3.33	0.27	1.2	3.33	0.79 Yes	0.27 Thermal Discharging
SCL322	2121	'86836616_/90831060_2'		1.97	3.33	3.33	0.27	1.2	3.33	0.79 Yes	0.27 Thermal Discharging
SCL322	2122	'43325897_/3489852'		5.9	10	10	0.81	10	10	2.37 Yes	0.81 Thermal Discharging
SCL322	2123	'8758249_/349661657_2'		5.9	10	10	0.81	4	10	2.37 Yes	0.81 Thermal Discharging
SCL322	2124	'86835209_/86835129'		5.9	10	10	0.81	10	10	2.37 Yes	0.81 Thermal Discharging
SCL322	2125	'86835600_/86835570_1'		5.9	10	10	0.81	3.6	10	2.37 Yes	0.81 Thermal Discharging
SCL322	2126	'3490235_/3490232'		5.8	10	10	0.81	3.7	10	2.37 Yes	0.81 Thermal Discharging
SCL322	2127	'411291353_/411291432_2'		5.8	10	10	0.81	3.7	10	2.37 Yes	0.81 Thermal Discharging
SCL322	2128	'9380916_/86836786'		1.97	3.33	3.33	0.27	1.2	3.33	0.79 Yes	0.27 Thermal Discharging
SCL322	2129	'7497613_/7497610_2'		5.8	10	10	0.81	3.7	10	2.37 Yes	0.81 Thermal Discharging
SCL322	2130	'43326302_/43325899'		5.9	10	10	0.81	10	10	2.37 Yes	0.81 Thermal Discharging
SCL322	2131	'603487679_/603487358'		3.53	6.67	6.67	0.54	2.47	6.67	1.58 Yes	0.54 Thermal Discharging
SCL322	2132	'3490294_/3490311'		5.8	10	10	0.81	3.7	10	2.37 Yes	0.81 Thermal Discharging
SCL322	2133	'86835573_/86835570_2'		5.9	10	10	0.81	3.6	10	2.37 Yes	0.81 Thermal Discharging
SCL322	2134	'86215605_/86837334_1'		5.9	10	10	0.81	2.2	10	2.37 Yes	0.81 Thermal Discharging
SCL322	2135	'7497612_/7497610_1'		5.7	10	10	0.81	2.2	10	2.37 Yes	0.81 Thermal Discharging
SCL322	2136	'349661932_/349661948'		5.9	10	10	0.81	4	10	2.37 Yes	0.81 Thermal Discharging
SCL322	2137	'43326288_/3490635'		5.8	10	10	0.81	10	10	2.37 Yes	0.81 Thermal Discharging
SCL322	2138	'3490281_/3490291'		1.9	3.33	3.33	0.27	1.23	3.33	0.79 Yes	0.27 Thermal Discharging
SCL322	2139	'86837325_/86837334_2'		5.8	10	10	0.81	2.2	10	2.37 Yes	0.81 Thermal Discharging
SCL322	2140	'679776103_/679776122'		1.9	3.33	3.33	0.27	1.23	3.33	0.79 Yes	0.27 Thermal Discharging
SCL322	2141	'86837372_/86837396'		5.8	10	10	0.81	2.2	10	2.37 Yes	0.81 Thermal Discharging
SCL322	2142	'471614095_/471613984'		5.7	10	10	0.81	3.7	10	2.37 Yes	0.81 Thermal Discharging
SCL322	2143	'86835216_/86835178'		5.8	10	10	0.81	10	10	2.37 Yes	0.81 Thermal Discharging
SCL322	2144	'499559439_/3490581'		5.8	10	10	0.81	10	10	2.37 Yes	0.81 Thermal Discharging
SCL322	2145	'8132711_/86837419'		5.8	10	10	0.81	2.2	10	2.37 Yes	0.81 Thermal Discharging
SCL322	2146	'499559607_/499559322_2'		1.93	3.33	3.33	0.27	3.33	3.33	0.79 Yes	0.27 Thermal Discharging
SCL322	2147	'349662079_/349662051'		5.8	10	10	0.81	4	10	2.37 Yes	0.81 Thermal Discharging
SCL322	2148	'3490251_/3490278'		1.9	3.33	3.33	0.27	1.23	3.33	0.79 Yes	0.27 Thermal Discharging
SCL322	2149	'8119767_/8429916'		5.7	10	10	0.81	2.2	10	2.37 Yes	0.81 Thermal Discharging
SCL322	2150	'499559325_/499559322_1'		1.93	3.33	3.33	0.27	0.7	3.33	0.79 Yes	0.27 Thermal Discharging
SCL322	2151	'8747867_/8747864'		5.8	10	10	0.81	2.2	10	2.37 Yes	0.81 Thermal Discharging
SCL322	2152	'603487299_/603487683'		5.3	10	10	0.81	3.7	10	2.37 Yes	0.81 Thermal Discharging
SCL322	2153	'3490601_/3490598'		5.8	10	10	0.81	10	10	2.37 Yes	0.81 Thermal Discharging
SCL322	2154	'43326086_/3490249'		1.87	3.33	3.33	0.27	1.23	3.33	0.79 Yes	0.27 Thermal Discharging
SCL322	2155	'4390268_/3490265'		1.87	3.33	3.33	0.27	1.23	3.33	0.79 Yes	0.27 Thermal Discharging
SCL322	2156	'319201403_/679776149_2'		1.87	3.33	3.33	0.27	1.23	3.33	0.79 Yes	0.27 Thermal Discharging
SCL322	2157	'86835279_/86835786'		5.7	10	10	0.81	10	10	2.37 Yes	0.81 Thermal Discharging
SCL322	2158	'86837011_/3489953_1'		1.9	3.33	3.33	0.27	1.2	3.33	0.79 Yes	0.27 Thermal Discharging
SCL322	2159	'86835313_/8132729_1'		1.9	3.33	3.33	0.27	1.2	3.33	0.79 Yes	0.27 Thermal Discharging
SCL322	2160	'89054831_/679776149_1'		1.87	3.33	3.33	0.27	0.7	3.33	0.79 Yes	0.27 Thermal Discharging
SCL322	2161	'499559340_/499559337'		1.93	3.33	3.33	0.27	0.7	3.33	0.79 Yes	0.27 Thermal Discharging
SCL322	2162	'43325352_/44078555'		1.7	3.33	3.33	0.27	1.2	3.33	0.79 Yes	0.27 Thermal Discharging
SCL322	2163	'3490331_/3490328'		1.83	3.33	3.33	0.27	1.23	3.33	0.79 Yes	0.27 Thermal Discharging
SCL322	2164	'8135523_/8135521_1'		1.83	3.33	3.33	0.27	0.7	3.33	0.79 Yes	0.27 Thermal Discharging
SCL322	2165	'72770825_/8132729_2'		1.87	3.33	3.33	0.27	1.2	3.33	0.79 Yes	0.27 Thermal Discharging
SCL322	2166	'499559355_/499559352'		1.9	3.33	3.33	0.27	0.7	3.33	0.79 Yes	0.27 Thermal Discharging
SCL322	2167	'499559738_/499559451_1'		1.9	3.33	3.33	0.27	0.4	3.33	0.79 Yes	0.27 Thermal Discharging
SCL322	2168	'268327024_/268327021'		1.83	3.33	3.33	0.27	1.23	3.33	0.79 Yes	0.27 Thermal Discharging
SCL322	2169	'7470492_/499559451_2'		1.9	3.33	3.33	0.27	0.4	3.33	0.79 Yes	0.27 Thermal Discharging
SCL322	2170	'3489956_/3489953_2'		1.83	3.33	3.33	0.27	1.2	3.33	0.79 Yes	0.27 Thermal Discharging
SCL322	2171	'603487354_/603487315'		5.5	10	10	0.81	3.7	10	2.37 Yes	0.81 Thermal Discharging
SCL322	2172	'3489969_/3489966'		1.8	3.33	3.33	0.27	1.2	3.33	0.79 Yes	0.27 Thermal Discharging
SCL322	2173	'8135524_/8135521_2'		1.77	3.33	3.33	0.27	0.7	3.33	0.79 Yes	0.27 Thermal Discharging
SCL322	2174	'3489982_/3489979'		1.77	3.33	3.33	0.27	1.2	3.33	0.79 Yes	0.27 Thermal Discharging
SCL322	2175	'43325156_/3487416'		1.57	3.33	3.33	0.27	1.2	3.33	0.79 Yes	0.27 Thermal Discharging
SCL322	2176	'7470440_/7797883'		4.3	10	10	0.81	2.2	10	2.37 Yes	0.81 Thermal Discharging
SCL322	2177	'7794323_/9380560'		1.7	3.33	3.33	0.27	0.7	3.33	0.79 Yes	0.27 Thermal Discharging
SCL322	2178	'3490655_/3490652'		1.73	3.33	3.33	0.27	1.2	3.33	0.79 Yes	0.27 Thermal Discharging
SCL322	2179	'7794324_/7794321'		1.67	3.33	3.33	0.27	0.7	3.33	0.79 Yes	0.27 Thermal Discharging
SCL322	2180	'43325145_/43325158'		1.5	3.33	3.33	0.27	1.2	3.33	0.79 Yes	0.27 Thermal Discharging
SCL322	2181	'3490668_/3490665'		1.7	3.33	3.33	0.27	1.2	3.33	0.79 Yes	0.27 Thermal Discharging
SCL322	2182	'3490681_/3490678'		1.67	3.33	3.33	0.27	1.2	3.33	0.79 Yes	0.27 Thermal Discharging
SCL322	2183	'3490694_/3490691'		1.63	3.33	3.33	0.27	1.2	3.33	0.79 Yes	0.27 Thermal Discharging
SCL322	2184	'44078541_/43325147'		1.43	3.33	3.33	0.27	1.2	3.33	0.79 Yes	0.27 Thermal Discharging
SCL322	2185	'3490707_/3490704'		1.63	3.33	3.33	0.27	1.2	3.33	0.79 Yes	0.27 Thermal Discharging
SCL322	2186	'65649377_/44078543'		1.37	3.33	3.33	0.27	1.2	3.33	0.79 Yes	0.27 Thermal Discharging
SCL322	2187	'8119081_/8119078'		4.4	10	10	0.81	2.2	10	2.37 Yes	0.81 Thermal Discharging
SCL322	2188	'3486699_/65649354'		1.37	3.33	3.33	0.27	1.2	3.33	0.79 Yes	0.27 Thermal Discharging
SCL322	2189	'44078517_/65649268'		1.37	3.33	3.33	0.27	1.2	3.33	0.79 Yes	0.27 Thermal Discharging
SCL322	2190	'44078506_/44078519'		1.33	3.33	3.33	0.27	1.2	3.33	0.79 Yes	0.27 Thermal Discharging
SCL322	2191	'90110106_/483075078_2'		3.33	3.33	3.33	0.27	0.2	3.33	0.79 Yes	0.2 Element Fault
SCL322	2192	'44078591_/44078593'		1.3	3.33	3.33	0.27	1.2	3.33	0.79 Yes	0.27 Thermal Discharging
SCL322	2193	'90110075_/483075078_1'		3.33	3.33	3.33	0.27	0.2	3.33	0.79 Yes	0.2 Element Fault
SCL322	2194	'483075105_/483075059_2'		3.33	3.33	3.33	0.27	3.33	3.33	0.79 Yes	0.27 Thermal Discharging
SCL322	2195	'483075054_/483075059_1'		3.33	3.33	3.33	0.27	0.2	3.33	0.79 Yes	0.2 Element Fault
SCL322	2196	'44078624_/44078626'		1.23	3.33	3.33	0.27	1.2	3.33	0.79 Yes	0.27 Thermal Discharging
SCL322	2197	'86623826_/483075181_2'		3.33	3.33	3.33	0.27	1.9	3.33	0.79 Yes	0.27 Thermal Discharging
SCL322	2198	'483075244_/483075221_1'		3.33	3.33	3.33	0.27	1.9	3.33	0.79 Yes	0.27 Thermal Discharging
SCL322	2199	'483075156_/483075221_2'		3.33	3.33	3.33	0.27	1.9	3.33	0.79 Yes	0.27 Thermal Discharging
SCL322	2200	'483075147_/483075192_2'		3.33	3.33	3.33	0.27	1.9	3.33	0.79 Yes	0.27 Thermal Discharging
SCL322	2201	'483075209_/483075192_1'		3.33	3.33	3.33	0.27	1.9	3.33	0.79 Yes	0.27 Thermal Discharging
SCL322	2202	'483075162_/483075181_1'		3.33	3.33	3.33	0.27	1.9	3.33	0.79 Yes	0.27 Thermal Discharging
SCL322	2203	'44078635_/44078637'		1.2	3.33	3.33	0.27	1.2	3.33	0.79 Yes	0.27 Thermal Discharging
SCL322	2204	'7196550_/65649301'		1.2	3.33	3.33	0.27	1.2	3.33	0.79 Yes	0.27 Thermal Discharging
SCL322	2205	'8747487_/8747776'		3.33	3.33	3.33	0.27	1.23	3.33	0.79 Yes	0.27 Thermal Discharging
SCL322	2206	'8119453_/8119450'		3.33	3.33	3.33	0.27	1.23	3.33	0.79 Yes	0.27 Thermal Discharging
SCL322	2207	'153821792_/153963790'		3.33	3.33	3.33	0.27	1.23	3.33	0.79 Yes	0.27 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SCL322	2208	'3711485_/_679776340_2'	10	10	10	3.28	3.9	10	0.26	Yes	3.28 Thermal Discharging
SCL322	2209	'7797906_/_7797903'	2.67	3.33	3.33	0.27	0.73	3.33	0.79	Yes	0.27 Thermal Discharging
SCL322	2210	'49455083_/_679776340_1'	10	10	10	3.28	1.5	10	0.26	Yes	1.5 Element Fault
SCL322	2211	'3716120_/_3716117_1'	3.33	3.33	3.33	1.09	0.4	3.33	0.09	Yes	0.4 Element Fault
SCL322	2212	'8119766_/_8119764'	3.33	3.33	3.33	0.27	0.73	3.33	0.79	Yes	0.27 Thermal Discharging
SCL322	2213	'603487336_/_603487383_2'	2.87	3.33	3.33	0.27	1.23	3.33	0.79	Yes	0.27 Thermal Discharging
SCL322	2214	'3716078_/_3716117_2'	3.33	3.33	3.33	1.09	0.4	3.33	0.09	Yes	0.4 Element Fault
SCL322	2215	'603487710_/_603487383_1'	2.97	3.33	3.33	0.27	1.23	3.33	0.79	Yes	0.27 Thermal Discharging
SCL322	2216	'7470424_/_7470421'	2.97	3.33	3.33	0.27	0.73	3.33	0.79	Yes	0.27 Thermal Discharging
SCL322	2217	'702650438_/_8747904'	3.33	3.33	3.33	0.27	0.73	3.33	0.79	Yes	0.27 Thermal Discharging
SCL322	2218	'7470439_/_7470437'	2.23	3.33	3.33	0.27	0.73	3.33	0.79	Yes	0.27 Thermal Discharging
SCL322	2219	'702650087_/_702650136'	3.33	3.33	3.33	0.27	0.73	3.33	0.79	Yes	0.27 Thermal Discharging
SCL322	2220	'3716052_/_3716062'	3.33	3.33	3.33	1.09	0.4	3.33	0.09	Yes	0.4 Element Fault
SCL322	2221	'702650152_/_702650181'	3.33	3.33	3.33	0.27	0.73	3.33	0.79	Yes	0.27 Thermal Discharging
SCL322	2222	'3716077_/_3716075'	3.33	3.33	3.33	1.09	0.4	3.33	0.09	Yes	0.4 Element Fault
SCL322	2223	'480799154_/_471360802'	2.3	3.33	3.33	0.27	0.73	3.33	0.79	Yes	0.27 Thermal Discharging
SCL322	2224	'480799155_/_471360827'	2.3	3.33	3.33	0.27	0.73	3.33	0.79	Yes	0.27 Thermal Discharging
SCL322	2225	'471360798_/_8429970'	2.33	3.33	3.33	0.27	0.73	3.33	0.79	Yes	0.27 Thermal Discharging
SCL322	2226	'471360713_/_7470389'	2.33	3.33	3.33	0.27	0.73	3.33	0.79	Yes	0.27 Thermal Discharging
SCL322	2227	'8747907_/_702650156'	3.33	3.33	3.33	0.27	0.73	3.33	0.79	Yes	0.27 Thermal Discharging
SCL322	2228	'480799166_/_471360782'	2.37	3.33	3.33	0.27	0.73	3.33	0.79	Yes	0.27 Thermal Discharging
SCL322	2229	'43370133_/_3716088'	3.33	3.33	3.33	1.09	0.4	3.33	0.09	Yes	0.4 Element Fault
SCL322	2230	'8747923_/_8747920'	3.33	3.33	3.33	0.27	0.73	3.33	0.79	Yes	0.27 Thermal Discharging
SCL322	2231	'39684982_/_3711536'	3.33	3.33	3.33	1.09	0.4	3.33	0.09	Yes	0.4 Element Fault
SCL322	2232	'3716051_/_3716049'	3.33	3.33	3.33	1.09	0.4	3.33	0.09	Yes	0.4 Element Fault
SCL322	2233	'43368168_/_43368170'	3.33	3.33	3.33	1.09	1.3	3.33	0.09	Yes	1.09 Thermal Discharging
SCL322	2234	'7470455_/_9064599'	3.33	3.33	3.33	0.27	0.73	3.33	0.79	Yes	0.27 Thermal Discharging
SCL322	2235	'7470456_/_7470453'	3.33	3.33	3.33	0.27	0.73	3.33	0.79	Yes	0.27 Thermal Discharging
SCL322	2236	'43370155_/_3716169'	3.33	3.33	3.33	1.09	0.4	3.33	0.09	Yes	0.4 Element Fault
SCL322	2237	'7470392_/_471360717'	3.33	3.33	3.33	0.27	0.73	3.33	0.79	Yes	0.27 Thermal Discharging
SCL322	2238	'7124251_/_7124249'	3.33	3.33	3.33	1.09	0.4	3.33	0.09	Yes	0.4 Element Fault
SCL322	2239	'3716185_/_3716182'	3.33	3.33	3.33	1.09	0.4	3.33	0.09	Yes	0.4 Element Fault
SCL322	2240	'433055094_/_3489211'	10	10	10	0.81	3	10	2.37	Yes	0.81 Thermal Discharging
SCL322	2241	'433055187_/_433055096_1'	10	10	10	0.81	3	10	2.37	Yes	0.81 Thermal Discharging
SCL322	2242	'3490510_/_433055096_2'	10	10	10	0.81	3	10	2.37	Yes	0.81 Thermal Discharging
SCL322	2243	'3716158_/_3716156'	3.33	3.33	3.33	1.09	0.4	3.33	0.09	Yes	0.4 Element Fault
SCL322	2244	'121790854_/_121791038'	10	10	10	0.81	3	10	2.37	Yes	0.81 Thermal Discharging
SCL322	2245	'7273630_/_8135577_1'	3.33	3.33	3.33	1.09	0.4	3.33	0.09	Yes	0.4 Element Fault
SCL322	2246	'349661945_/_121791017'	10	10	10	0.81	3	10	2.37	Yes	0.81 Thermal Discharging
SCL322	2247	'9057497_/_9057495_1'	3.33	3.33	3.33	1.09	0.4	3.33	0.09	Yes	0.4 Element Fault
SCL322	2248	'8135580_/_8135577_2'	1	3.33	3.33	1.09	0.4	3.33	0.09	Yes	0.4 Element Fault
SCL322	2249	'3716567_/_3716577'	0.93	3.33	3.33	1.09	0.4	3.33	0.09	Yes	0.4 Element Fault
SCL322	2250	'7589455_/_718312292_2'	0.9	3.33	3.33	1.09	0.4	3.33	0.09	Yes	0.4 Element Fault
SCL322	2251	'9480119_/_9480266'	0.87	3.33	3.33	1.09	0.4	3.33	0.09	Yes	0.4 Element Fault
SCL322	2252	'718312270_/_718312292_1'	0.83	3.33	3.33	1.09	0.4	3.33	0.09	Yes	0.4 Element Fault
SCL322	2253	'9057498_/_9057495_2'	0.8	3.33	3.33	1.09	0.4	3.33	0.09	Yes	0.4 Element Fault
SCL322	2254	'3716554_/_3716564'	0.73	3.33	3.33	1.09	0.4	3.33	0.09	Yes	0.4 Element Fault
SCL322	2255	'44271166_/_3716590'	0.7	3.33	3.33	1.09	0.4	3.33	0.09	Yes	0.4 Element Fault
SCL322	2256	'8851935_/_9168546_2'	0.67	3.33	3.33	1.09	0.4	3.33	0.09	Yes	0.4 Element Fault
SCL322	2257	'3715616_/_3716551'	0.63	3.33	3.33	1.09	0.4	3.33	0.09	Yes	0.4 Element Fault
SCL322	2258	'7479551_/_9480116'	0.63	3.33	3.33	1.09	0.4	3.33	0.09	Yes	0.4 Element Fault
SCL322	2259	'3715602_/_3715613'	0.6	3.33	3.33	1.09	0.4	3.33	0.09	Yes	0.4 Element Fault
SCL322	2260	'483075273_/_483075257_2'	3.33	3.33	3.33	0.27	1	3.33	0.79	Yes	0.27 Thermal Discharging
SCL322	2261	'3488722_/_483075257_1'	3.33	3.33	3.33	0.27	1	3.33	0.79	Yes	0.27 Thermal Discharging
SCL322	2262	'483075298_/_86623664_2'	3.33	3.33	3.33	0.27	1	3.33	0.79	Yes	0.27 Thermal Discharging
SCL322	2263	'4023878_/_4023875_2'	10	10	10	3.28	0.9	10	0.26	Yes	0.9 Element Fault
SCL322	2264	'4023877_/_4023875_1'	10	10	10	3.28	0.9	10	0.26	Yes	0.9 Element Fault
SCL322	2265	'9168548_/_9168546_1'	0.57	3.33	3.33	1.09	0.4	3.33	0.09	Yes	0.4 Element Fault
SCL322	2266	'43431640_/_43431642'	10	10	10	3.28	0.9	10	0.25	Yes	0.9 Element Fault
SCL322	2267	'4023844_/_4023858'	10	10	10	3.28	0.9	10	0.25	Yes	0.9 Element Fault
SCL322	2268	'4023843_/_4023841'	10	10	10	3.28	0.9	10	0.25	Yes	0.9 Element Fault
SCL322	2269	'483075321_/_86623496_1'	3.33	3.33	3.33	0.27	1	3.33	0.79	Yes	0.27 Thermal Discharging
SCL322	2270	'3982917_/_3982930_1'	3.33	3.33	3.33	1.09	0.3	3.33	0.09	Yes	0.3 Element Fault
SCL322	2271	'8871493_/_9187279_2'	3.33	3.33	3.33	1.09	0.3	3.33	0.08	Yes	0.3 Element Fault
SCL322	2272	'4023532_/_4023994'	10	10	10	3.28	0.9	10	0.25	Yes	0.9 Element Fault
SCL322	2273	'4023516_/_4023804'	10	10	10	3.28	0.9	10	0.25	Yes	0.9 Element Fault
SCL322	2274	'4023533_/_4023738_1'	3.33	3.33	3.33	1.09	0.2	3.33	0.08	Yes	0.2 Element Fault
SCL322	2275	'7293202_/_9502438_1'	10	10	10	3.28	0.6	10	0.25	Yes	0.6 Element Fault
SCL322	2276	'4023770_/_4023784'	10	10	10	3.28	0.9	10	0.25	Yes	0.9 Element Fault
SCL322	2277	'3715590_/_3715600'	0.53	3.33	3.33	1.09	0.4	3.33	0.09	Yes	0.4 Element Fault
SCL322	2278	'4023448_/_4023767'	10	10	10	3.28	0.9	10	0.25	Yes	0.9 Element Fault
SCL322	2279	'43431585_/_3982930_2'	3.33	3.33	3.33	1.09	0.3	3.33	0.08	Yes	0.3 Element Fault
SCL322	2280	'4023449_/_4023462_1'	3.33	3.33	3.33	1.09	0.2	3.33	0.08	Yes	0.2 Element Fault
SCL322	2281	'4020627_/_4024749'	10	10	10	3.28	0.9	10	0.25	Yes	0.9 Element Fault
SCL322	2282	'43431517_/_4023514'	3.33	3.33	3.33	1.09	0.3	3.33	0.08	Yes	0.3 Element Fault
SCL322	2283	'4023545_/_4023738_2'	3.33	3.33	3.33	1.09	0.2	3.33	0.08	Yes	0.2 Element Fault
SCL322	2284	'8556927_/_8871443_1'	3.33	3.33	3.33	1.09	0.2	3.33	0.08	Yes	0.2 Element Fault
SCL322	2285	'4024693_/_4024703_1'	3.33	3.33	3.33	1.09	0.2	3.33	0.08	Yes	0.2 Element Fault
SCL322	2286	'4020610_/_4020624'	10	10	10	3.28	0.9	10	0.25	Yes	0.9 Element Fault
SCL322	2287	'3715654_/_3715652'	0.5	3.33	3.33	1.09	0.4	3.33	0.09	Yes	0.4 Element Fault
SCL322	2288	'4023465_/_4023462_2'	3.33	3.33	3.33	1.09	0.2	3.33	0.08	Yes	0.2 Element Fault
SCL322	2289	'9502325_/_117226225_1'	10	10	10	3.28	0.6	10	0.25	Yes	0.6 Element Fault
SCL322	2290	'4023517_/_4024040_1'	3.33	3.33	3.33	1.09	0.2	3.33	0.08	Yes	0.2 Element Fault
SCL322	2291	'7293222_/_9187279_1'	3.33	3.33	3.33	1.09	0.2	3.33	0.08	Yes	0.2 Element Fault
SCL322	2292	'4020593_/_4020607'	10	10	10	3.28	0.9	10	0.25	Yes	0.9 Element Fault
SCL322	2293	'7293221_/_7293219'	3.33	3.33	3.33	1.09	0.2	3.33	0.08	Yes	0.2 Element Fault
SCL322	2294	'7293154_/_7479548'	0.5	3.33	3.33	1.09	0.4	3.33	0.09	Yes	0.4 Element Fault
SCL322	2295	'4020573_/_4020590'	10	10	10	3.28	0.9	9.95	0.25	Yes	0.9 Element Fault
SCL322	2296	'4023546_/_4023543'	3.33	3.33	3.33	1.09	0.2	3.33	0.08	Yes	0.2 Element Fault
SCL322	2297	'7293238_/_9502510'	3.33	3.33	3.33	1.09	0.2	3.33	0.08	Yes	0.2 Element Fault
SCL322	2298	'4020376_/_4020570'	10	10	10	3.28	0.9	9.92	0.25	Yes	0.9 Element Fault
SCL322	2299	'4019842_/_4019854_1'	6.67	6.67	6.67	2.18	0.3	6.65	0.17	Yes	0.3 Element Fault
SCL322	2300	'4020391_/_4020401_1'	3.33	3.33	3.33	1.09	0.2	3.29	0.08	Yes	0.2 Element Fault
SCL322	2301	'9502341_/_117226225_2'	10	10	10	3.28	0.6	9.9	0.25	Yes	0.6 Element Fault

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SCL322	2302	'4020358_/_4020355_2'	6.67	6.67	6.67	2.18	0.6	6.58	0.17	Yes	0.6 Element Fault
SCL322	2303	'43431528_/_4024040_2'	3.33	3.33	3.33	1.09	0.2	3.3	0.08	Yes	0.2 Element Fault
SCL322	2304	'43370098_/_3715678'	0.47	3.33	3.33	1.09	0.4	3.33	0.09	Yes	0.4 Element Fault
SCL322	2305	'4023478_/_4023475'	3.33	3.33	3.33	1.09	0.2	3.26	0.08	Yes	0.2 Element Fault
SCL322	2306	'8245382_/_8871443_2'	3.33	3.33	3.33	1.09	0.2	3.25	0.08	Yes	0.2 Element Fault
SCL322	2307	'7293237_/_7293235'	3.33	3.33	3.33	1.09	0.2	3.26	0.08	Yes	0.2 Element Fault
SCL322	2308	'3982946_/_3982943'	3.33	3.33	3.33	1.09	0.3	3.26	0.08	Yes	0.3 Element Fault
SCL322	2309	'9502441_/_9502438_2'	10	10	10	3.28	0.6	9.76	0.25	Yes	0.6 Element Fault
SCL322	2310	'4023584_/_4023582'	3.33	3.33	3.33	1.09	0.2	3.25	0.08	Yes	0.2 Element Fault
SCL322	2311	'4020533_/_4024703_2'	3.33	3.33	3.33	1.09	0.2	3.23	0.08	Yes	0.2 Element Fault
SCL322	2312	'3715681_/_43370100'	0.47	3.33	3.33	1.09	0.4	3.33	0.09	Yes	0.4 Element Fault
SCL322	2313	'4023558_/_4023569'	3.33	3.33	3.33	1.09	0.2	3.23	0.08	Yes	0.2 Element Fault
SCL322	2314	'43370087_/_43370089'	0.43	3.33	3.33	1.09	0.4	3.33	0.09	Yes	0.4 Element Fault
SCL322	2315	'4020343_/_4020355_1'	6.67	6.67	6.67	2.18	0.4	6.39	0.17	Yes	0.4 Element Fault
SCL322	2316	'4024017_/_4024014'	3.33	3.33	3.33	1.09	0.2	3.19	0.08	Yes	0.2 Element Fault
SCL322	2317	'7293185_/_7790015'	0.43	3.33	3.33	1.09	0.4	3.33	0.09	Yes	0.4 Element Fault
SCL322	2318	'8245383_/_8245380'	3.33	3.33	3.33	1.09	0.2	3.17	0.08	Yes	0.2 Element Fault
SCL322	2319	'86835669_/_86835457'	10	10	10	0.81	1.4	9.83	2.37	Yes	0.81 Thermal Discharging
SCL322	2320	'9502529_/_9502542'	3.33	3.33	3.33	1.09	0.2	3.17	0.08	Yes	0.2 Element Fault
SCL322	2321	'4020469_/_4020479'	3.33	3.33	3.33	1.09	0.2	3.15	0.08	Yes	0.2 Element Fault
SCL322	2322	'86836583_/_86836552_1'	10	10	10	0.81	1.3	9.82	2.37	Yes	0.81 Thermal Discharging
SCL322	2323	'43431762_/_4023556'	3.33	3.33	3.33	1.09	0.2	3.16	0.08	Yes	0.2 Element Fault
SCL322	2324	'4020404_/_4020401_2'	3.33	3.33	3.33	1.09	0.2	3.14	0.08	Yes	0.2 Element Fault
SCL322	2325	'86836502_/_86836552_2'	10	10	10	0.81	1.3	9.8	2.37	Yes	0.81 Thermal Discharging
SCL322	2326	'86835980_/_707161935'	10	10	10	0.81	1.4	9.79	2.37	Yes	0.81 Thermal Discharging
SCL322	2327	'43431495_/_4023488'	3.33	3.33	3.33	1.09	0.2	3.15	0.08	Yes	0.2 Element Fault
SCL322	2328	'4023601_/_4023598'	3.33	3.33	3.33	1.09	0.2	3.15	0.08	Yes	0.2 Element Fault
SCL322	2329	'8119432_/_8119430'	10	10	10	0.81	1.3	9.77	2.37	Yes	0.81 Thermal Discharging
SCL322	2330	'452394308_/_451809440_1'	10	10	10	0.81	1.3	9.76	2.37	Yes	0.81 Thermal Discharging
SCL322	2331	'7124138_/_7124135'	0.43	3.33	3.33	1.09	0.4	3.31	0.09	Yes	0.4 Element Fault
SCL322	2332	'4023248_/_4024716'	3.33	3.33	3.33	1.09	0.2	3.13	0.08	Yes	0.2 Element Fault
SCL322	2333	'4020534_/_4020531'	3.33	3.33	3.33	1.09	0.2	3.12	0.08	Yes	0.2 Element Fault
SCL322	2334	'3982959_/_3982956'	3.33	3.33	3.33	1.09	0.3	3.14	0.08	Yes	0.3 Element Fault
SCL322	2335	'471837357_/_8747392'	10	10	10	0.81	1.3	9.65	2.37	Yes	0.81 Thermal Discharging
SCL322	2336	'50903061_/_43430648_2'	10	10	10	3.28	0.9	9.32	0.25	Yes	0.9 Element Fault
SCL322	2337	'4023264_/_43431497'	3.33	3.33	3.33	1.09	0.2	3.1	0.08	Yes	0.2 Element Fault
SCL322	2338	'8245399_/_8245396'	3.33	3.33	3.33	1.09	0.2	3.09	0.08	Yes	0.2 Element Fault
SCL322	2339	'4020342_/_4020340'	6.67	6.67	6.67	2.18	0.4	6.15	0.17	Yes	0.4 Element Fault
SCL322	2340	'4020456_/_4020466'	3.33	3.33	3.33	1.09	0.2	3.07	0.08	Yes	0.2 Element Fault
SCL322	2341	'4024030_/_4024027'	3.33	3.33	3.33	1.09	0.2	3.08	0.08	Yes	0.2 Element Fault
SCL322	2342	'43431704_/_4023695'	3.33	3.33	3.33	1.09	0.2	3.08	0.08	Yes	0.2 Element Fault
SCL322	2343	'4020547_/_4020544'	3.33	3.33	3.33	1.09	0.2	3.05	0.08	Yes	0.2 Element Fault
SCL322	2344	'4023352_/_43431764'	3.33	3.33	3.33	1.09	0.2	3.06	0.08	Yes	0.2 Element Fault
SCL322	2345	'4017550_/_4020414'	3.33	3.33	3.33	1.09	0.2	3.04	0.08	Yes	0.2 Element Fault
SCL322	2346	'4020495_/_4020505'	3.33	3.33	3.33	1.09	0.2	3.04	0.08	Yes	0.2 Element Fault
SCL322	2347	'8871394_/_8871391'	3.33	3.33	3.33	1.09	0.1	3.05	0.08	Yes	0.1 Element Fault
SCL322	2348	'4023265_/_4023262'	3.33	3.33	3.33	1.09	0.2	3.05	0.08	Yes	0.2 Element Fault
SCL322	2349	'3715589_/_3715587'	0.37	3.33	3.33	1.09	0.4	3.22	0.09	Yes	0.37 Primary Over-Voltage
SCL322	2350	'451809487_/_451809440_2'	10	10	10	0.81	1.3	9.47	2.37	Yes	0.81 Thermal Discharging
SCL322	2351	'8747395_/_471837379'	10	10	10	0.81	1.3	9.45	2.37	Yes	0.81 Thermal Discharging
SCL322	2352	'8136241_/_8136239'	10	10	10	0.81	1.3	9.42	2.37	Yes	0.81 Thermal Discharging
SCL322	2353	'9187229_/_9502526_1'	3.33	3.33	3.33	1.09	0.2	3.04	0.08	Yes	0.2 Element Fault
SCL322	2354	'7293153_/_7293151'	0.37	3.33	3.33	1.09	0.4	3.2	0.09	Yes	0.37 Primary Over-Voltage
SCL322	2355	'4023249_/_4023246'	3.33	3.33	3.33	1.09	0.2	3.03	0.08	Yes	0.2 Element Fault
SCL322	2356	'7293186_/_7293183'	0.37	3.33	3.33	1.09	0.4	3.17	0.09	Yes	0.37 Primary Over-Voltage
SCL322	2357	'8245367_/_8871427'	0.37	3.33	3.33	1.09	0.4	3.17	0.09	Yes	0.37 Primary Over-Voltage
SCL322	2358	'7293121_/_9187211'	3.33	3.33	3.33	1.09	0.1	3	0.08	Yes	0.1 Element Fault
SCL322	2359	'4023757_/_4023754'	3.33	3.33	3.33	1.09	0.2	3.01	0.08	Yes	0.2 Element Fault
SCL322	2360	'3713749_/_3715574'	0.37	3.33	3.33	1.09	0.4	3.16	0.09	Yes	0.37 Primary Over-Voltage
SCL322	2361	'451809529_/_451809491'	6.67	6.67	6.67	0.54	0.87	6.2	1.58	Yes	0.54 Thermal Discharging
SCL322	2362	'4023365_/_4023362'	3.33	3.33	3.33	1.09	0.2	3	0.08	Yes	0.2 Element Fault
SCL322	2363	'43430419_/_4020453'	3.33	3.33	3.33	1.09	0.2	2.98	0.08	Yes	0.2 Element Fault
SCL322	2364	'724248353_/_452841646'	10	10	10	0.81	1.3	9.28	2.37	Yes	0.81 Thermal Discharging
SCL322	2365	'3714369_/_3714380'	0.37	3.33	3.33	1.09	0.4	3.15	0.09	Yes	0.37 Primary Over-Voltage
SCL322	2366	'4020430_/_4020440'	3.33	3.33	3.33	1.09	0.2	2.97	0.08	Yes	0.2 Element Fault
SCL322	2367	'4020560_/_4020557'	3.33	3.33	3.33	1.09	0.2	2.97	0.08	Yes	0.2 Element Fault
SCL322	2368	'3715629_/_3715626'	0.37	3.33	3.33	1.09	0.4	3.13	0.09	Yes	0.37 Primary Over-Voltage
SCL322	2369	'4020903_/_4020901_2'	6.67	6.67	6.67	2.18	0.4	5.93	0.17	Yes	0.4 Element Fault
SCL322	2370	'8556911_/_8556908'	3.33	3.33	3.33	1.09	0.2	2.97	0.08	Yes	0.2 Element Fault
SCL322	2371	'43431596_/_43431847'	3.33	3.33	3.33	1.09	0.3	2.99	0.08	Yes	0.3 Element Fault
SCL322	2372	'4017551_/_4017548'	3.33	3.33	3.33	1.09	0.2	2.95	0.08	Yes	0.2 Element Fault
SCL322	2373	'43430393_/_4020901_1'	6.67	6.67	6.67	2.18	0.4	5.9	0.17	Yes	0.4 Element Fault
SCL322	2374	'4017642_/_4017639'	3.33	3.33	3.33	1.09	0.2	2.95	0.08	Yes	0.2 Element Fault
SCL322	2375	'4017538_/_4020492'	3.33	3.33	3.33	1.09	0.2	2.95	0.08	Yes	0.2 Element Fault
SCL322	2376	'3982727_/_40204087'	3.33	3.33	3.33	1.09	0.2	2.96	0.08	Yes	0.2 Element Fault
SCL322	2377	'43369019_/_3713746'	0.37	3.33	3.33	1.09	0.4	3.1	0.09	Yes	0.37 Primary Over-Voltage
SCL322	2378	'86215937_/_86215941'	3.33	3.33	3.33	1.09	0.2	2.94	0.08	Yes	0.2 Element Fault
SCL322	2379	'4023281_/_4023291'	3.33	3.33	3.33	1.09	0.2	2.93	0.08	Yes	0.2 Element Fault
SCL322	2380	'4017615_/_4017613'	3.33	3.33	3.33	1.09	0.2	2.92	0.08	Yes	0.2 Element Fault
SCL322	2381	'4018309_/_43430648_1'	10	10	10	3.28	0.9	8.81	0.25	Yes	0.9 Element Fault
SCL322	2382	'8429700_/_451809533'	10	10	10	0.81	1.3	9.02	2.37	Yes	0.81 Thermal Discharging
SCL322	2383	'43369030_/_3714367'	0.33	3.33	3.33	1.09	0.1	3.06	0.09	Yes	0.1 Element Fault
SCL322	2384	'4017655_/_4017652'	3.33	3.33	3.33	1.09	0.2	2.9	0.08	Yes	0.2 Element Fault
SCL322	2385	'4020291_/_4020301'	3.33	3.33	3.33	1.09	0.2	2.89	0.08	Yes	0.2 Element Fault
SCL322	2386	'43430382_/_4020427'	3.33	3.33	3.33	1.09	0.2	2.89	0.08	Yes	0.2 Element Fault
SCL322	2387	'4017564_/_4017561'	3.33	3.33	3.33	1.09	0.2	2.89	0.08	Yes	0.2 Element Fault
SCL322	2388	'4017603_/_4017626'	3.33	3.33	3.33	1.09	0.2	2.87	0.08	Yes	0.2 Element Fault
SCL322	2389	'4023223_/_7124151'	0.33	3.33	3.33	1.09	0.4	3.02	0.09	Yes	0.33 Primary Over-Voltage
SCL322	2390	'43431550_/_7191757'	0.77	3.33	3.33	1.09	0.2	2.87	0.08	Yes	0.2 Element Fault
SCL322	2391	'7608870_/_8245364'	0.33	3.33	3.33	1.09	0.4	3.01	0.09	Yes	0.33 Primary Over-Voltage
SCL322	2392	'4020278_/_4020288'	3.33	3.33	3.33	1.09	0.2	2.86	0.08	Yes	0.2 Element Fault
SCL322	2393	'43430371_/_43430373'	0.77	3.33	3.33	1.09	0.2	2.85	0.08	Yes	0.2 Element Fault
SCL322	2394	'3982728_/_3982725'	0.6	3.33	3.33	1.09	0.2	2.87	0.08	Yes	0.2 Element Fault
SCL322	2395	'8136242_/_724248375'	10	10	10	0.81	1.3	8.88	2.37	Yes	0.81 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SCL322	2396	'4023280_/_4023278'		0.67	3.33	3.33	1.09	0.2	2.86	0.08 Yes	0.2 Element Fault
SCL322	2397	'7608854_/_8871507'		0.57	3.33	3.33	1.09	0.1	2.85	0.08 Yes	0.1 Element Fault
SCL322	2398	'4017602_/_4017600'		0.67	3.33	3.33	1.09	0.2	2.83	0.08 Yes	0.2 Element Fault
SCL322	2399	'4020277_/_4020275'		3.33	3.33	3.33	1.09	0.2	2.82	0.08 Yes	0.2 Element Fault
SCL322	2400	'43431423_/_43431425'		0.3	3.33	3.33	1.09	0.4	2.96	0.09 Yes	0.3 Primary Over-Voltage
SCL322	2401	'4023309_/_43431552'		0.6	3.33	3.33	1.09	0.2	2.8	0.08 Yes	0.2 Element Fault
SCL322	2402	'8119468_/_9064423'		10	10	10	0.81	1.3	8.71	2.37 Yes	0.81 Thermal Discharging
SCL322	2403	'4017577_/_4017574'		0.6	3.33	3.33	1.09	0.2	2.8	0.08 Yes	0.2 Element Fault
SCL322	2404	'4020317_/_4020327'		3.33	3.33	3.33	1.09	0.2	2.8	0.08 Yes	0.2 Element Fault
SCL322	2405	'3982787_/_4024100'		0.53	3.33	3.33	1.09	0.3	2.81	0.08 Yes	0.3 Element Fault
SCL322	2406	'7608869_/_7608867'		0.3	3.33	3.33	1.09	0.4	2.92	0.09 Yes	0.3 Primary Over-Voltage
SCL322	2407	'8747414_/_395608586'		10	10	10	0.81	1.3	8.58	2.37 Yes	0.81 Thermal Discharging
SCL322	2408	'43431715_/_4023611'		0.5	3.33	3.33	1.09	0.2	2.78	0.08 Yes	0.2 Element Fault
SCL322	2409	'3725089_/_3725087_2'		10	10	10	3.28	0.7	8.05	0.25 Yes	0.7 Element Fault
SCL322	2410	'4020643_/_4020641'		0.77	3.33	3.33	1.09	0.2	2.76	0.08 Yes	0.2 Element Fault
SCL322	2411	'4023207_/_4023220'		0.3	3.33	3.33	1.09	0.4	2.9	0.09 Yes	0.3 Primary Over-Voltage
SCL322	2412	'7487435_/_8119466'		5.1	10	10	0.81	1.3	8.55	2.37 Yes	0.81 Thermal Discharging
SCL322	2413	'4018310_/_4018307_1'		1.5	10	10	3.28	0.9	8.29	0.25 Yes	0.9 Element Fault
SCL322	2414	'43431539_/_4023307'		0.53	3.33	3.33	1.09	0.2	2.74	0.08 Yes	0.2 Element Fault
SCL322	2415	'3715851_/_3725087_1'		10	10	10	3.28	0.7	7.98	0.25 Yes	0.7 Element Fault
SCL322	2416	'4019800_/_4019854_2'		1.07	6.67	6.67	2.18	0.3	5.47	0.17 Yes	0.3 Element Fault
SCL322	2417	'4020316_/_4020314'		0.63	3.33	3.33	1.09	0.2	2.73	0.08 Yes	0.2 Element Fault
SCL322	2418	'53023634_/_8747412'		5.4	10	10	0.81	1.3	8.42	2.37 Yes	0.81 Thermal Discharging
SCL322	2419	'4017590_/_4017587'		0.5	3.33	3.33	1.09	0.2	2.72	0.08 Yes	0.2 Element Fault
SCL322	2420	'7293122_/_7293119'		0.47	3.33	3.33	1.09	0.1	2.72	0.08 Yes	0.1 Element Fault
SCL322	2421	'43431434_/_3982785'		0.47	3.33	3.33	1.09	0.3	2.73	0.08 Yes	0.3 Element Fault
SCL322	2422	'7487434_/_7487432'		4.6	10	10	0.81	1.3	8.39	2.37 Yes	0.81 Thermal Discharging
SCL322	2423	'3715852_/_3715849'		3.33	3.33	3.33	1.09	0.23	2.62	0.08 Yes	0.23 Element Fault
SCL322	2424	'9380933_/_53023604'		5	10	10	0.81	1.3	8.34	2.37 Yes	0.81 Thermal Discharging
SCL322	2425	'4020670_/_4020683'		0.6	3.33	3.33	1.09	0.2	2.69	0.08 Yes	0.2 Element Fault
SCL322	2426	'43431727_/_43431717'		0.43	3.33	3.33	1.09	0.2	2.7	0.08 Yes	0.2 Element Fault
SCL322	2427	'4023310_/_43431541'		0.47	3.33	3.33	1.09	0.2	2.68	0.08 Yes	0.2 Element Fault
SCL322	2428	'43430586_/_4018307_2'		1.3	10	10	3.28	0.9	8.09	0.25 Yes	0.9 Element Fault
SCL322	2429	'4023194_/_4023204'		0.3	3.33	3.33	1.09	0.4	2.81	0.09 Yes	0.3 Primary Over-Voltage
SCL322	2430	'319200902_/_3488967_2'		3.33	3.33	3.33	0.27	0.3	2.65	0.79 Yes	0.27 Thermal Discharging
SCL322	2431	'3714576_/_3715891'		10	10	10	3.28	0.7	7.8	0.25 Yes	0.7 Element Fault
SCL322	2432	'43325755_/_3488967_1'		3.33	3.33	3.33	0.27	0.3	2.64	0.79 Yes	0.27 Thermal Discharging
SCL322	2433	'7608838_/_8871459'		0.27	3.33	3.33	1.09	0.4	2.79	0.09 Yes	0.27 Primary Over-Voltage
SCL322	2434	'7797721_/_7797719'		4.3	10	10	0.81	1.3	8.24	2.37 Yes	0.81 Thermal Discharging
SCL322	2435	'43430738_/_4020654'		0.57	3.33	3.33	1.09	0.2	2.66	0.08 Yes	0.2 Element Fault
SCL322	2436	'3489018_/_3489177'		3.33	3.33	3.33	0.27	0.3	2.62	0.79 Yes	0.27 Thermal Discharging
SCL322	2437	'434515870_/_434515890'		0.43	3.33	3.33	1.09	0.1	2.66	0.08 Yes	0.1 Element Fault
SCL322	2438	'3715865_/_3715862'		3.33	3.33	3.33	1.09	0.23	2.57	0.08 Yes	0.23 Element Fault
SCL322	2439	'4023323_/_4023320'		0.47	3.33	3.33	1.09	0.2	2.64	0.08 Yes	0.2 Element Fault
SCL322	2440	'4020669_/_4020667'		0.53	3.33	3.33	1.09	0.2	2.64	0.08 Yes	0.2 Element Fault
SCL322	2441	'43325910_/_3489016'		3.33	3.33	3.33	0.27	0.3	2.59	0.79 Yes	0.27 Thermal Discharging
SCL322	2442	'7293137_/_7608851'		0.4	3.33	3.33	1.09	0.1	2.62	0.08 Yes	0.1 Element Fault
SCL322	2443	'3982775_/_3982772'		0.4	3.33	3.33	1.09	0.3	2.62	0.08 Yes	0.3 Element Fault
SCL322	2444	'4023193_/_4023191'		0.27	3.33	3.33	1.09	0.4	2.73	0.09 Yes	0.27 Primary Over-Voltage
SCL322	2445	'4023627_/_4023624'		0.4	3.33	3.33	1.09	0.2	2.62	0.08 Yes	0.2 Element Fault
SCL322	2446	'3714577_/_3714574'		10	10	10	3.28	0.7	7.6	0.25 Yes	0.7 Element Fault
SCL322	2447	'8245351_/_8245348'		0.4	3.33	3.33	1.09	0.1	2.6	0.08 Yes	0.1 Element Fault
SCL322	2448	'89054838_/_8758286_2'		3.33	3.33	3.33	0.27	0.3	2.57	0.79 Yes	0.27 Thermal Discharging
SCL322	2449	'43325923_/_43325912'		3.33	3.33	3.33	0.27	0.3	2.56	0.79 Yes	0.27 Thermal Discharging
SCL322	2450	'8429661_/_8429658'		4.3	10	10	0.81	1.3	8	2.37 Yes	0.81 Thermal Discharging
SCL322	2451	'4020698_/_4020696'		0.47	3.33	3.33	1.09	0.2	2.58	0.08 Yes	0.2 Element Fault
SCL322	2452	'3489803_/_43325925'		3.33	3.33	3.33	0.27	0.3	2.54	0.79 Yes	0.27 Thermal Discharging
SCL322	2453	'43431693_/_4023637'		0.37	3.33	3.33	1.09	0.2	2.58	0.08 Yes	0.2 Element Fault
SCL322	2454	'9692165_/_451809569'		3.33	3.33	3.33	0.27	0.43	2.54	0.79 Yes	0.27 Thermal Discharging
SCL322	2455	'8758232_/_8758230_1'		3.33	3.33	3.33	0.27	0.2	2.53	0.79 Yes	0.2 Element Fault
SCL322	2456	'3715878_/_3715875'		3.33	3.33	3.33	1.09	0.23	2.49	0.08 Yes	0.23 Element Fault
SCL322	2457	'7608837_/_7608835'		0.27	3.33	3.33	1.09	0.4	2.67	0.09 Yes	0.27 Primary Over-Voltage
SCL322	2458	'3716322_/_7124233'		0.37	3.33	3.33	1.09	0.3	2.56	0.08 Yes	0.3 Element Fault
SCL322	2459	'3489804_/_3489801'		3.33	3.33	3.33	0.27	0.3	2.51	0.79 Yes	0.27 Thermal Discharging
SCL322	2460	'8758288_/_8758286_1'		3.33	3.33	3.33	0.27	0.3	2.51	0.79 Yes	0.27 Thermal Discharging
SCL322	2461	'43431368_/_43431370'		0.27	3.33	3.33	1.09	0.4	2.64	0.08 Yes	0.27 Primary Over-Voltage
SCL322	2462	'4023652_/_43431695'		0.37	3.33	3.33	1.09	0.2	2.54	0.08 Yes	0.2 Element Fault
SCL322	2463	'43325936_/_3489992'		3.33	3.33	3.33	0.27	0.3	2.49	0.79 Yes	0.27 Thermal Discharging
SCL322	2464	'8429680_/_8747448'		3.6	10	10	0.81	1.3	7.78	2.37 Yes	0.81 Thermal Discharging
SCL322	2465	'4023653_/_4023650'		0.37	3.33	3.33	1.09	0.2	2.52	0.08 Yes	0.2 Element Fault
SCL322	2466	'3714594_/_3714591'		10	10	10	3.28	0.7	7.35	0.25 Yes	0.7 Element Fault
SCL322	2467	'389954160_/_3714645_2'		3.33	3.33	3.33	1.09	0.23	2.45	0.08 Yes	0.23 Element Fault
SCL322	2468	'3714647_/_3714645_1'		3.33	3.33	3.33	1.09	0.1	2.45	0.08 Yes	0.1 Element Fault
SCL322	2469	'86216093_/_8429678_1'		3.7	10	10	0.81	1.3	7.76	2.37 Yes	0.81 Thermal Discharging
SCL322	2470	'43431043_/_43431045'		0.43	3.33	3.33	1.09	0.2	2.51	0.08 Yes	0.2 Element Fault
SCL322	2471	'3714661_/_3714671'		3.33	3.33	3.33	1.09	0.1	2.44	0.08 Yes	0.1 Element Fault
SCL322	2472	'4023116_/_4023126'		0.23	3.33	3.33	1.09	0.4	2.59	0.08 Yes	0.23 Primary Over-Voltage
SCL322	2473	'3716321_/_3716319'		0.33	3.33	3.33	1.09	0.3	2.5	0.08 Yes	0.3 Element Fault
SCL322	2474	'3716733_/_3716746'		0.33	3.33	3.33	1.09	0.3	2.49	0.08 Yes	0.3 Element Fault
SCL322	2475	'51251651_/_43325938'		3.33	3.33	3.33	0.27	0.3	2.44	0.79 Yes	0.27 Thermal Discharging
SCL322	2476	'43370286_/_3714608'		1.8	10	10	3.28	0.7	7.23	0.24 Yes	0.7 Element Fault
SCL322	2477	'43370411_/_43370413'		0.63	3.33	3.33	1.09	0.1	2.41	0.08 Yes	0.1 Element Fault
SCL322	2478	'3715105_/_3714863'		0.63	3.33	3.33	1.09	0.1	2.4	0.08 Yes	0.1 Element Fault
SCL322	2479	'7293106_/_8245316'		0.23	3.33	3.33	1.09	0.4	2.56	0.08 Yes	0.23 Primary Over-Voltage
SCL322	2480	'7293138_/_7293135'		0.33	3.33	3.33	1.09	0.1	2.45	0.08 Yes	0.1 Element Fault
SCL322	2481	'43431379_/_4023113'		0.23	3.33	3.33	1.09	0.4	2.54	0.08 Yes	0.23 Primary Over-Voltage
SCL322	2482	'4020711_/_4020709'		0.4	3.33	3.33	1.09	0.2	2.44	0.08 Yes	0.2 Element Fault
SCL322	2483	'475774082_/_475774106'		0.3	3.33	3.33	1.09	0.1	2.44	0.08 Yes	0.1 Element Fault
SCL322	2484	'3714660_/_3714658'		0.5	3.33	3.33	1.09	0.1	2.37	0.08 Yes	0.1 Element Fault
SCL322	2485	'3716719_/_3716730'		0.33	3.33	3.33	1.09	0.3	2.43	0.08 Yes	0.3 Element Fault
SCL322	2486	'8762006_/_9692454'		3.33	3.33	3.33	0.27	0.3	2.4	0.79 Yes	0.27 Thermal Discharging
SCL322	2487	'7487400_/_8758230_2'		3.33	3.33	3.33	0.27	0.2	2.39	0.79 Yes	0.2 Element Fault
SCL322	2488	'7124219_/_7124217'		0.33	3.33	3.33	1.09	0.3	2.43	0.08 Yes	0.3 Element Fault
SCL322	2489	'558757827_/_7487398'		3.33	3.33	3.33	0.27	0.2	2.37	0.79 Yes	0.2 Element Fault

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SCL322	2490	'634869132_/558757849'	3.33	3.33	3.33	3.33	0.27	0.2	2.36	0.79 Yes	0.2 Element Fault
SCL322	2491	'3714628_/43370288'	1.3	10	10	3.28	0.7	6.97	0.24 Yes	0.7 Element Fault	0.7 Element Fault
SCL322	2492	'43370356_/3715116'	0.43	3.33	3.33	3.33	1.09	0.1	2.32	0.08 Yes	0.1 Element Fault
SCL322	2493	'43370299_/3715129'	0.43	3.33	3.33	3.33	1.09	0.1	2.32	0.08 Yes	0.1 Element Fault
SCL322	2494	'3716707_/3716717'	0.3	3.33	3.33	3.33	1.09	0.3	2.37	0.08 Yes	0.3 Primary Over-Voltage
SCL322	2495	'43431390_/4023139'	0.23	3.33	3.33	3.33	1.09	0.4	2.45	0.08 Yes	0.23 Primary Over-Voltage
SCL322	2496	'471828952_/471828958'	0.23	3.33	3.33	3.33	1.09	0.4	2.44	0.08 Yes	0.23 Primary Over-Voltage
SCL322	2497	'8429561_/8429558'	3.33	3.33	3.33	3.33	0.27	0.43	2.32	0.79 Yes	0.27 Thermal Discharging
SCL322	2498	'8245334_/9187243'	0.3	3.33	3.33	3.33	1.09	0.1	2.34	0.08 Yes	0.1 Element Fault
SCL322	2499	'3714879_/3714889'	0.4	3.33	3.33	3.33	1.09	0.1	2.29	0.08 Yes	0.1 Element Fault
SCL322	2500	'3714715_/3714813'	1.2	10	10	3.28	0.7	6.87	0.24 Yes	0.7 Element Fault	0.7 Element Fault
SCL322	2501	'8429560_/9692074'	3.33	3.33	3.33	3.33	0.27	0.43	2.31	0.79 Yes	0.27 Thermal Discharging
SCL322	2502	'7293170_/7293167_1'	0.3	3.33	3.33	3.33	1.09	0.1	2.33	0.08 Yes	0.1 Element Fault
SCL322	2503	'7487401_/634869154'	3.33	3.33	3.33	3.33	0.27	0.2	2.29	0.79 Yes	0.2 Element Fault
SCL322	2504	'43370310_/3715009'	0.4	3.33	3.33	3.33	1.09	0.1	2.27	0.08 Yes	0.1 Element Fault
SCL322	2505	'3982859_/7124201'	0.3	3.33	3.33	3.33	1.09	0.3	2.32	0.08 Yes	0.3 Primary Over-Voltage
SCL322	2506	'7293105_/7293103'	0.2	3.33	3.33	3.33	1.09	0.4	2.4	0.08 Yes	0.2 Primary Over-Voltage
SCL322	2507	'3716282_/3716704'	0.3	3.33	3.33	3.33	1.09	0.3	2.32	0.08 Yes	0.3 Primary Over-Voltage
SCL322	2508	'4023103_/4023152'	0.2	3.33	3.33	3.33	1.09	0.4	2.4	0.08 Yes	0.2 Primary Over-Voltage
SCL322	2509	'64527832_/43325294_2'	3.33	3.33	3.33	3.33	0.27	0.2	2.21	0.79 Yes	0.2 Element Fault
SCL322	2510	'667487614_/9502494'	0.2	3.33	3.33	3.33	1.09	0.4	2.39	0.08 Yes	0.2 Primary Over-Voltage
SCL322	2511	'43370343_/3714826'	1.1	10	10	3.28	0.7	6.76	0.24 Yes	0.7 Element Fault	0.7 Element Fault
SCL322	2512	'45238258_/3715090'	0.37	3.33	3.33	3.33	1.09	0.1	2.25	0.08 Yes	0.1 Element Fault
SCL322	2513	'430077681_/430077634'	10	10	10	3.28	0.5	6.43	0.24 Yes	0.5 Element Fault	0.5 Element Fault
SCL322	2514	'43431401_/4023100'	0.2	3.33	3.33	3.33	1.09	0.4	2.38	0.08 Yes	0.2 Primary Over-Voltage
SCL322	2515	'430077515_/430077432_1'	10	10	10	3.28	0.5	6.43	0.24 Yes	0.5 Element Fault	0.5 Element Fault
SCL322	2516	'3714699_/3714713'	0.8	6.67	6.67	2.18	0.47	4.48	0.16 Yes	0.47 Element Fault	0.47 Element Fault
SCL322	2517	'7791884_/430077432_2'	10	10	10	3.28	0.5	6.4	0.24 Yes	0.5 Element Fault	0.5 Element Fault
SCL322	2518	'43325292_/43325294_1'	3.33	3.33	3.33	3.33	0.27	0.2	2.18	0.79 Yes	0.2 Element Fault
SCL322	2519	'3714878_/3714876'	0.37	3.33	3.33	3.33	1.09	0.1	2.22	0.08 Yes	0.1 Element Fault
SCL322	2520	'43370321_/3714697'	0.4	3.33	3.33	3.33	1.09	0.23	2.21	0.08 Yes	0.23 Element Fault
SCL322	2521	'43370535_/3716691'	0.27	3.33	3.33	3.33	1.09	0.3	2.26	0.08 Yes	0.27 Primary Over-Voltage
SCL322	2522	'4018329_/43430588'	0.8	10	10	3.28	0.9	6.77	0.25 Yes	0.8 Primary Over-Voltage	0.8 Primary Over-Voltage
SCL322	2523	'3714408_/3714843'	1	10	10	3.28	0.7	6.61	0.24 Yes	0.7 Element Fault	0.7 Element Fault
SCL322	2524	'8223399_/8223416'	1	10	10	3.28	0.7	6.59	0.24 Yes	0.7 Element Fault	0.7 Element Fault
SCL322	2525	'9502497_/667487620'	0.2	3.33	3.33	3.33	1.09	0.4	2.31	0.08 Yes	0.2 Primary Over-Voltage
SCL322	2526	'3487019_/3487072'	3.33	3.33	3.33	3.33	0.27	0.2	2.14	0.79 Yes	0.2 Element Fault
SCL322	2527	'43431484_/3982856'	0.27	3.33	3.33	3.33	1.09	0.3	2.23	0.08 Yes	0.27 Primary Over-Voltage
SCL322	2528	'4023167_/4023165'	0.2	3.33	3.33	3.33	1.09	0.4	2.31	0.08 Yes	0.2 Primary Over-Voltage
SCL322	2529	'3716283_/3716280'	0.27	3.33	3.33	3.33	1.09	0.3	2.23	0.08 Yes	0.27 Primary Over-Voltage
SCL322	2530	'431405963_/416396267'	10	10	10	3.28	0.5	6.25	0.24 Yes	0.5 Element Fault	0.5 Element Fault
SCL322	2531	'3714732_/3714729'	0.33	3.33	3.33	3.33	1.09	0.23	2.17	0.08 Yes	0.23 Element Fault
SCL322	2532	'3714687_/3714684'	0.4	3.33	3.33	3.33	1.09	0.23	2.17	0.08 Yes	0.23 Element Fault
SCL322	2533	'8223398_/8223396'	0.9	10	10	3.28	0.5	6.51	0.24 Yes	0.5 Element Fault	0.5 Element Fault
SCL322	2534	'3714409_/3714406'	0.9	10	10	3.28	0.7	6.5	0.24 Yes	0.7 Element Fault	0.7 Element Fault
SCL322	2535	'3982875_/43431486'	0.27	3.33	3.33	3.33	1.09	0.3	2.21	0.08 Yes	0.27 Primary Over-Voltage
SCL322	2536	'3714748_/3714758'	0.33	3.33	3.33	3.33	1.09	0.23	2.16	0.08 Yes	0.23 Element Fault
SCL322	2537	'3487006_/3487016'	3.33	3.33	3.33	3.33	0.27	0.2	2.11	0.79 Yes	0.2 Element Fault
SCL322	2538	'40974057_/431405975'	10	10	10	3.28	0.5	6.19	0.24 Yes	0.5 Element Fault	0.5 Element Fault
SCL322	2539	'3716629_/3716639'	0.27	3.33	3.33	3.33	1.09	0.3	2.2	0.08 Yes	0.27 Primary Over-Voltage
SCL322	2540	'3487005_/3487003'	3.33	3.33	3.33	3.33	0.27	0.2	2.09	0.79 Yes	0.2 Element Fault
SCL322	2541	'431406001_/431406013'	10	10	10	3.28	0.5	6.13	0.24 Yes	0.5 Element Fault	0.5 Element Fault
SCL322	2542	'50961274_/3716306'	0.23	3.33	3.33	3.33	1.09	0.3	2.18	0.08 Yes	0.23 Primary Over-Voltage
SCL322	2543	'43431078_/4019810'	0.3	3.33	3.33	3.33	1.09	0.15	2.16	0.08 Yes	0.15 Element Fault
SCL322	2544	'68327606_/4017007_1'	3.33	2.73	3.33	3.33	1.09	0.1	1.98	0.08 Yes	0.1 Element Fault
SCL322	2545	'425940100_/8747468'	1.1	3.33	3.33	3.33	0.27	0.2	2.13	0.79 Yes	0.2 Element Fault
SCL322	2546	'43370389_/3715035'	0.37	3.33	3.33	3.33	1.09	0.23	2.11	0.08 Yes	0.23 Element Fault
SCL322	2547	'3487317_/3487315'	3.33	3.33	3.33	3.33	0.27	0.2	2.07	0.79 Yes	0.2 Element Fault
SCL322	2548	'43431412_/43431414'	0.2	3.3	3.33	3.33	1.09	0.4	2.23	0.08 Yes	0.2 Primary Over-Voltage
SCL322	2549	'143391001_/3714745'	0.3	3.33	3.33	3.33	1.09	0.23	2.11	0.08 Yes	0.23 Element Fault
SCL322	2550	'43370332_/3714787'	0.3	3.33	3.33	3.33	1.09	0.23	2.11	0.08 Yes	0.23 Element Fault
SCL322	2551	'3982874_/3982872'	0.23	3.33	3.33	3.33	1.09	0.3	2.16	0.08 Yes	0.23 Primary Over-Voltage
SCL322	2552	'8747471_/425940120'	1.03	3.33	3.33	3.33	0.27	0.2	2.13	0.79 Yes	0.2 Element Fault
SCL322	2553	'514635963_/514635961'	10	10	10	3.28	0.5	6.07	0.24 Yes	0.5 Element Fault	0.5 Element Fault
SCL322	2554	'514635894_/514635898'	6.67	6.67	6.67	2.18	0.33	4.04	0.16 Yes	0.33 Element Fault	0.33 Element Fault
SCL322	2555	'3714777_/3714774'	0.3	3.33	3.33	3.33	1.09	0.23	2.09	0.08 Yes	0.23 Element Fault
SCL322	2556	'3487305_/3487328'	3.33	3.33	3.33	3.33	0.27	0.2	2.05	0.79 Yes	0.2 Element Fault
SCL322	2557	'3716296_/50961271'	0.23	3.33	3.33	3.33	1.09	0.3	2.13	0.08 Yes	0.23 Primary Over-Voltage
SCL322	2558	'4017010_/4017007_2'	3.33	2.73	3.33	3.33	1.09	0.1	1.96	0.08 Yes	0.1 Element Fault
SCL322	2559	'3487031_/3487341'	3.33	3.33	3.33	3.33	0.27	0.2	2.04	0.79 Yes	0.2 Element Fault
SCL322	2560	'50007461_/50007458'	0.23	3.33	3.33	3.33	1.09	0.3	2.13	0.08 Yes	0.23 Primary Over-Voltage
SCL322	2561	'3714904_/43370391'	0.33	3.33	3.33	3.33	1.09	0.23	2.07	0.08 Yes	0.23 Element Fault
SCL322	2562	'7908290_/514635881'	10	10	10	3.28	0.5	5.97	0.24 Yes	0.5 Element Fault	0.5 Element Fault
SCL322	2563	'3486867_/3487302'	3.33	3.33	3.33	3.33	0.27	0.2	2.03	0.79 Yes	0.2 Element Fault
SCL322	2564	'43430290_/4017075'	3.33	2.4	3.33	3.33	1.09	0.1	1.93	0.08 Yes	0.1 Element Fault
SCL322	2565	'3487032_/3487029'	3.33	3.33	3.33	3.33	0.27	0.2	2.02	0.79 Yes	0.2 Element Fault
SCL322	2566	'4023180_/4023178'	0.17	2.9	3.33	3.33	1.09	0.4	2.15	0.08 Yes	0.17 Primary Over-Voltage
SCL322	2567	'3714803_/3714800'	0.27	3.33	3.33	3.33	1.09	0.23	2.04	0.08 Yes	0.23 Element Fault
SCL322	2568	'3486854_/3486864'	3.33	3.33	3.33	3.33	0.27	0.2	2	0.79 Yes	0.2 Element Fault
SCL322	2569	'435552248_/435552513'	10	10	10	3.28	0.5	5.88	0.24 Yes	0.5 Element Fault	0.5 Element Fault
SCL322	2570	'3714905_/3714902'	0.3	3.33	3.33	3.33	1.09	0.23	2.04	0.08 Yes	0.23 Element Fault
SCL322	2571	'3487045_/3487042'	3.33	3.33	3.33	3.33	0.27	0.2	1.99	0.79 Yes	0.2 Element Fault
SCL322	2572	'3486880_/3486948'	3.33	3.33	3.33	3.33	0.27	0.2	1.98	0.79 Yes	0.2 Element Fault
SCL322	2573	'435552294_/435552262'	10	10	10	3.28	0.5	5.82	0.24 Yes	0.5 Element Fault	0.5 Element Fault
SCL322	2574	'422024213_/421641218_2'	10	8.2	10	3.28	0.5	5.67	0.24 Yes	0.5 Element Fault	0.5 Element Fault
SCL322	2575	'3716654_/3716652'	0.23	3.33	3.33	3.33	1.09	0.3	2.06	0.08 Yes	0.23 Primary Over-Voltage
SCL322	2576	'3486838_/3486851'	3.33	3.33	3.33	3.33	0.27	0.2	1.97	0.79 Yes	0.2 Element Fault
SCL322	2577	'3715025_/3715022'	0.27	3.33	3.33	3.33	1.09	0.23	2.01	0.08 Yes	0.23 Element Fault
SCL322	2578	'4017022_/43430292'	3.33	2.4	3.33	3.33	1.09	0.1	1.89	0.08 Yes	0.1 Element Fault
SCL322	2579	'422024255_/421641218_1'	10	8.2	10	3.28	0.5	5.64	0.24 Yes	0.5 Element Fault	0.5 Element Fault
SCL322	2580	'3486879_/3486877'	3.33	3.33	3.33	3.33	0.27	0.2	1.97	0.79 Yes	0.2 Element Fault
SCL322	2581	'3714917_/3714915'	0.3	3.33	3.33	3.33	1.09	0.23	2.01	0.08 Yes	0.23 Element Fault
SCL322	2582	'7930074_/7930072'	0.17	2.7	3.33	3.33	1.09	0.4	2.1	0.08 Yes	0.17 Primary Over-Voltage
SCL322	2583	'422024269_/3715975'	10	8.2	10	3.28	0.5	5.62	0.24 Yes	0.5 Element Fault	0.5 Element Fault

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SCL322	2584	'43370400_/_3715064'		0.27	3.33	3.33	1.09	0.23	1.99	0.08 Yes	0.23 Element Fault
SCL322	2585	'514635925_/_514635992'		3.33	2.73	3.33	1.09	0.17	1.89	0.08 Yes	0.17 Element Fault
SCL322	2586	'430077882_/_430077879'		10	8.2	10	3.28	0.4	5.59	0.24 Yes	0.4 Element Fault
SCL322	2587	'429422203_/_430077899_1'		10	8.2	10	3.28	0.4	5.59	0.24 Yes	0.4 Element Fault
SCL322	2588	'9064446_/_425940006'		0.73	3.33	3.33	0.27	0.2	2	0.79 Yes	0.2 Element Fault
SCL322	2589	'4047042_/_4047052_2'		3.33	2.73	3.33	1.09	0.1	1.86	0.08 Yes	0.1 Element Fault
SCL322	2590	'43325235_/_3486835'		3.33	3.33	3.33	0.27	0.2	1.95	0.79 Yes	0.2 Element Fault
SCL322	2591	'585370086_/_430131534_2'		3.33	2.73	3.33	1.09	0.1	1.86	0.08 Yes	0.1 Element Fault
SCL322	2592	'435634116_/_430077899_2'		10	8.2	10	3.28	0.4	5.57	0.24 Yes	0.4 Element Fault
SCL322	2593	'3714395_/_3716678'		0.2	3.33	3.33	1.09	0.3	2.02	0.08 Yes	0.2 Primary Over-Voltage
SCL322	2594	'435634048_/_435634164'		10	8.2	10	3.28	0.4	5.55	0.24 Yes	0.4 Element Fault
SCL322	2595	'4024115_/_4047052_1'		3.33	2.73	3.33	1.09	0.1	1.85	0.08 Yes	0.1 Element Fault
SCL322	2596	'3486909_/_3486974'		3.33	3.33	3.33	0.27	0.2	1.94	0.79 Yes	0.2 Element Fault
SCL322	2597	'4017023_/_4017020'		3.33	2.4	3.33	1.09	0.1	1.86	0.08 Yes	0.1 Element Fault
SCL322	2598	'451488099_/_443867677'		10	10	10	3.28	0.5	5.69	0.24 Yes	0.5 Element Fault
SCL322	2599	'4018330_/_4018327'		0.6	10	10	3.28	0.9	6.03	0.24 Yes	0.6 Primary Over-Voltage
SCL322	2600	'434045243_/_434045292'		0.7	3.33	3.33	0.27	0.2	1.98	0.79 Yes	0.2 Element Fault
SCL322	2601	'3486821_/_3486819'		3.33	3.33	3.33	0.27	0.2	1.93	0.79 Yes	0.2 Element Fault
SCL322	2602	'453687008_/_453687027'		1.1	10	10	3.28	0.5	5.67	0.24 Yes	0.5 Element Fault
SCL322	2603	'3714396_/_3714393'		0.2	3.33	3.33	1.09	0.3	1.99	0.08 Yes	0.2 Primary Over-Voltage
SCL322	2604	'43325257_/_3486922'		3.33	3.33	3.33	0.27	0.2	1.92	0.79 Yes	0.2 Element Fault
SCL322	2605	'8852067_/_430131534_1'		3.33	2.73	3.33	1.09	0.1	1.83	0.08 Yes	0.1 Element Fault
SCL322	2606	'7589638_/_453687064'		1.1	10	10	3.28	0.5	5.64	0.24 Yes	0.5 Element Fault
SCL322	2607	'3724943_/_3724940_2'		3.33	2.73	3.33	0.12	0.1	1.83	3.3 Yes	0.1 Element Fault
SCL322	2608	'3714933_/_43370402'		0.23	3.33	3.33	1.09	0.23	1.94	0.08 Yes	0.23 Primary Over-Voltage
SCL322	2609	'55066480_/_3486906'		3.33	3.33	3.33	0.27	0.2	1.91	0.79 Yes	0.2 Element Fault
SCL322	2610	'588016538_/_588016542'		1.1	10	10	3.28	0.5	5.62	0.24 Yes	0.5 Element Fault
SCL322	2611	'55066555_/_55066534_1'		3.33	3.33	3.33	0.27	0.1	1.91	0.79 Yes	0.1 Element Fault
SCL322	2612	'434030301_/_4017062'		3.33	2.4	3.33	1.09	0.1	1.83	0.08 Yes	0.1 Element Fault
SCL322	2613	'529538132_/_8852065'		3.33	2.73	3.33	1.09	0.1	1.82	0.08 Yes	0.1 Element Fault
SCL322	2614	'43370546_/_3716665'		0.2	3.33	3.33	1.09	0.3	1.97	0.08 Yes	0.2 Primary Over-Voltage
SCL322	2615	'9064445_/_9064443'		0.67	3.33	3.33	0.27	0.2	1.95	0.79 Yes	0.2 Element Fault
SCL322	2616	'4019786_/_4020028_2'		3.33	2.73	3.33	1.09	0.1	1.81	0.08 Yes	0.1 Element Fault
SCL322	2617	'43430854_/_4019797'		0.2	3.33	3.33	1.09	0.15	1.96	0.08 Yes	0.15 Element Fault
SCL322	2618	'7908831_/_8807600'		10	8.2	10	3.28	0.4	5.44	0.24 Yes	0.4 Element Fault
SCL322	2619	'3486895_/_43325248'		3.33	3.33	3.33	0.27	0.2	1.9	0.79 Yes	0.2 Element Fault
SCL322	2620	'43370661_/_3724940_1'		3.33	2.73	3.33	0.12	0.1	1.81	3.3 Yes	0.1 Element Fault
SCL322	2621	'43431810_/_7124183'		0.2	3.33	3.33	1.09	0.3	1.96	0.08 Yes	0.2 Primary Over-Voltage
SCL322	2622	'8163655_/_532774867'		1.1	10	10	3.28	0.5	5.55	0.24 Yes	0.5 Element Fault
SCL322	2623	'410345352_/_679776181_1'		3.33	2.73	3.33	1.09	0.1	1.79	0.08 Yes	0.1 Element Fault
SCL322	2624	'4024116_/_4024113'		3.33	2.4	3.33	1.09	0.1	1.8	0.08 Yes	0.1 Element Fault
SCL322	2625	'3486938_/_43325259'		3.33	3.33	3.33	0.27	0.2	1.88	0.79 Yes	0.2 Element Fault
SCL322	2626	'3714934_/_3714931'		0.23	3.33	3.33	1.09	0.23	1.91	0.08 Yes	0.23 Primary Over-Voltage
SCL322	2627	'480836077_/_529538152'		3.33	2.73	3.33	1.09	0.1	1.79	0.08 Yes	0.1 Element Fault
SCL322	2628	'532775150_/_532775123'		1.1	8.2	10	3.28	0.5	5.52	0.24 Yes	0.5 Element Fault
SCL322	2629	'7589863_/_480836097'		3.33	2.73	3.33	1.09	0.1	1.79	0.08 Yes	0.1 Element Fault
SCL322	2630	'532775062_/_532775066'		0.67	5.47	6.67	2.18	0.33	3.67	0.16 Yes	0.33 Element Fault
SCL322	2631	'55066527_/_55066534_2'		3.33	3.33	3.33	0.27	0.1	1.87	0.79 Yes	0.1 Element Fault
SCL322	2632	'3982829_/_4024561'		0.2	3.33	3.33	1.09	0.3	1.94	0.08 Yes	0.2 Primary Over-Voltage
SCL322	2633	'50902773_/_395852042'		3.33	2.73	3.33	1.09	0.1	1.78	0.08 Yes	0.1 Element Fault
SCL322	2634	'57544567_/_532774936'		1	8.2	10	3.28	0.5	5.5	0.24 Yes	0.5 Element Fault
SCL322	2635	'390355002_/_9479980_2'		3.33	2.73	3.33	1.09	0.1	1.77	0.08 Yes	0.1 Element Fault
SCL322	2636	'43370649_/_43370651'		3.33	2.73	3.33	0.12	0.1	1.78	3.3 Yes	0.1 Element Fault
SCL322	2637	'480836067_/_7589861'		3.33	2.73	3.33	1.09	0.1	1.78	0.08 Yes	0.1 Element Fault
SCL322	2638	'3716668_/_43370548'		0.2	3.33	3.33	1.09	0.3	1.93	0.08 Yes	0.2 Primary Over-Voltage
SCL322	2639	'432768026_/_480836122'		3.33	2.73	3.33	1.09	0.1	1.78	0.08 Yes	0.1 Element Fault
SCL322	2640	'57544531_/_57544593'		1	8.2	10	3.28	0.5	5.47	0.24 Yes	0.5 Element Fault
SCL322	2641	'580115552_/_679776181_2'		3.33	2.73	3.33	1.09	0.1	1.76	0.08 Yes	0.1 Element Fault
SCL322	2642	'7908832_/_7908829'		10	8.2	10	3.28	0.4	5.33	0.24 Yes	0.4 Element Fault
SCL322	2643	'3714947_/_3714944'		0.23	3.33	3.33	1.09	0.23	1.89	0.08 Yes	0.23 Primary Over-Voltage
SCL322	2644	'7589768_/_57544537'		1	8.2	10	3.28	0.5	5.45	0.24 Yes	0.5 Element Fault
SCL322	2645	'4017036_/_4017033'		3.33	2.4	3.33	1.09	0.1	1.78	0.08 Yes	0.1 Element Fault
SCL322	2646	'7589788_/_7589805'		1	8.2	10	3.28	0.5	5.44	0.24 Yes	0.5 Element Fault
SCL322	2647	'7908289_/_435552320'		3.33	2.73	3.33	1.09	0.17	1.79	0.08 Yes	0.17 Element Fault
SCL322	2648	'9080301_/_9692438'		0.6	3.33	3.33	0.27	0.2	1.89	0.79 Yes	0.2 Element Fault
SCL322	2649	'435552308_/_435552336'		3.33	2.73	3.33	1.09	0.17	1.78	0.08 Yes	0.17 Element Fault
SCL322	2650	'8758590_/_9479980_1'		3.33	2.73	3.33	1.09	0.1	1.75	0.08 Yes	0.1 Element Fault
SCL322	2651	'9148346_/_9148343_1'		1.1	8.2	10	3.28	0.4	5.42	0.24 Yes	0.4 Element Fault
SCL322	2652	'4024434_/_4024431'		3.33	2.4	3.33	1.09	0.1	1.76	0.08 Yes	0.1 Element Fault
SCL322	2653	'3717075_/_3717073'		3.33	2.73	3.33	0.12	0.1	1.76	3.3 Yes	0.1 Element Fault
SCL322	2654	'3982830_/_3982827'		0.2	3.33	3.33	1.09	0.3	1.89	0.08 Yes	0.2 Primary Over-Voltage
SCL322	2655	'43431607_/_43431609'		3.33	2.4	3.33	1.09	0.1	1.75	0.08 Yes	0.1 Element Fault
SCL322	2656	'3714960_/_3714957'		0.23	3.33	3.33	1.09	0.23	1.86	0.08 Yes	0.23 Primary Over-Voltage
SCL322	2657	'156287303_/_156287309'		3.33	2.73	3.33	1.09	0.1	1.73	0.08 Yes	0.1 Element Fault
SCL322	2658	'473685730_/_9080299'		0.57	3.33	3.33	0.27	0.2	1.86	0.79 Yes	0.2 Element Fault
SCL322	2659	'3486990_/_3486987'		3.33	3.33	3.33	0.27	0.2	1.82	0.79 Yes	0.2 Element Fault
SCL322	2660	'648078619_/_648078489_1'		3.33	2.73	3.33	0	0.1	1.72	2.88 Yes	0 Thermal Discharging
SCL322	2661	'156287371_/_156568432'		3.33	2.73	3.33	1.09	0.1	1.73	0.08 Yes	0.1 Element Fault
SCL322	2662	'4024447_/_4024444'		3.33	2.4	3.33	1.09	0.1	1.74	0.08 Yes	0.1 Element Fault
SCL322	2663	'43430268_/_4017049'		3.33	2.4	3.33	1.09	0.1	1.75	0.08 Yes	0.1 Element Fault
SCL322	2664	'156287337_/_156568446'		3.33	2.73	3.33	1.09	0.1	1.73	0.08 Yes	0.1 Element Fault
SCL322	2665	'8762007_/_473685752_1'		0.57	3.33	3.33	0.27	0.3	1.85	0.79 Yes	0.27 Thermal Discharging
SCL322	2666	'3714973_/_3714970'		0.2	3.33	3.33	1.09	0.23	1.84	0.08 Yes	0.2 Primary Over-Voltage
SCL322	2667	'3982846_/_3982843'		0.17	3.33	3.33	1.09	0.3	1.87	0.08 Yes	0.17 Primary Over-Voltage
SCL322	2668	'615995775_/_648078489_2'		3.33	2.73	3.33	0	0.1	1.71	2.88 Yes	0 Thermal Discharging
SCL322	2669	'43370672_/_43370674'		3.33	2.73	3.33	0.12	0.1	1.73	3.3 Yes	0.1 Element Fault
SCL322	2670	'8163640_/_435552459'		0.4	2.73	3.33	1.09	0.17	1.74	0.08 Yes	0.17 Element Fault
SCL322	2671	'7589864_/_432768047'		3.33	2.4	3.33	1.09	0.1	1.72	0.08 Yes	0.1 Element Fault
SCL322	2672	'4024590_/_7125835'		0.17	3.33	3.33	1.09	0.3	1.85	0.08 Yes	0.17 Primary Over-Voltage
SCL322	2673	'443867617_/_435552489'		0.37	2.73	3.33	1.09	0.17	1.74	0.08 Yes	0.17 Element Fault
SCL322	2674	'8533380_/_8533378'		10	7.2	10	3.28	0.4	5.15	0.24 Yes	0.4 Element Fault
SCL322	2675	'4022839_/_4022836'		3.33	2.4	3.33	1.09	0.1	1.72	0.08 Yes	0.1 Element Fault
SCL322	2676	'3717143_/_3717154'		3.33	2.73	3.33	0.12	0.1	1.71	3.3 Yes	0.1 Element Fault
SCL322	2677	'4024157_/_4024168'		3.33	2.4	3.33	1.09	0.1	1.7	0.08 Yes	0.1 Element Fault

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SCL322	2678	'43370683_/_43370685'	3.33	2.73	3.33	0.12	0.1	1.7	3.3 Yes	0.1 Element Fault	
SCL322	2679	'43431856_/_4026194'	3.33	2.4	3.33	1.09	0.1	1.7	0.08 Yes	0.1 Element Fault	
SCL322	2680	'4024576_/_4024587'	0.17	3.33	3.33	1.09	0.3	1.82	0.08 Yes	0.17 Primary Over-Voltage	
SCL322	2681	'3717044_/_3717057'	3.33	2.73	3.33	0.12	0.1	1.69	3.3 Yes	0.1 Element Fault	
SCL322	2682	'8133147_/_8758588'	3.33	2.4	3.33	1.09	0.1	1.68	0.08 Yes	0.1 Element Fault	
SCL322	2683	'4019826_/_4019823'	0.2	3.33	3.33	1.09	0.15	1.81	0.08 Yes	0.15 Element Fault	
SCL322	2684	'4018436_/_4018450'	0.5	10	10	3.28	0.9	5.45	0.24 Yes	0.5 Primary Over-Voltage	
SCL322	2685	'7274057_/_430131601'	3.33	2.4	3.33	1.09	0.1	1.68	0.08 Yes	0.1 Element Fault	
SCL322	2686	'43370378_/_3714996'	0.2	3.33	3.33	1.09	0.23	1.78	0.08 Yes	0.2 Primary Over-Voltage	
SCL322	2687	'3717144_/_3717141'	3.33	2.73	3.33	0.12	0.1	1.69	3.3 Yes	0.1 Element Fault	
SCL322	2688	'4024158_/_4024155'	3.33	2.4	3.33	1.09	0.1	1.68	0.08 Yes	0.1 Element Fault	
SCL322	2689	'3717172_/_3717170'	3.33	2.73	3.33	0.12	0.1	1.68	3.3 Yes	0.1 Element Fault	
SCL322	2690	'8852027_/_8852025'	10	7.2	10	3.28	0.4	5.03	0.24 Yes	0.4 Element Fault	
SCL322	2691	'3717028_/_3717041'	3.33	2.4	3.33	0.12	0.1	1.67	3.3 Yes	0.1 Element Fault	
SCL322	2692	'8223487_/_9480650'	3.33	2.4	3.33	1.09	0.13	1.65	0.08 Yes	0.13 Element Fault	
SCL322	2693	'7273937_/_532775162'	0.4	2.73	3.33	1.09	0.17	1.69	0.08 Yes	0.17 Element Fault	
SCL322	2694	'43431799_/_4024574'	0.17	3.33	3.33	1.09	0.3	1.79	0.08 Yes	0.17 Primary Over-Voltage	
SCL322	2695	'43431618_/_4024496'	3.33	2.4	3.33	1.09	0.1	1.66	0.08 Yes	0.1 Element Fault	
SCL322	2696	'3717027_/_3717025'	3.33	2.4	3.33	0.12	0.1	1.66	3.3 Yes	0.1 Element Fault	
SCL322	2697	'43430865_/_3982515'	0.17	3.33	3.33	1.09	0.15	1.78	0.08 Yes	0.15 Element Fault	
SCL322	2698	'3717185_/_3717183'	3.33	2.4	3.33	0.12	0.1	1.66	3.3 Yes	0.1 Element Fault	
SCL322	2699	'3714986_/_3714983'	0.2	3.33	3.33	1.09	0.23	1.75	0.08 Yes	0.2 Primary Over-Voltage	
SCL322	2700	'7810019_/_8133145'	3.33	2.4	3.33	1.09	0.1	1.64	0.08 Yes	0.1 Element Fault	
SCL322	2701	'43430573_/_4018467'	0.5	10	10	3.28	0.9	5.32	0.24 Yes	0.5 Primary Over-Voltage	
SCL322	2702	'4024511_/_4024509'	3.33	2.4	3.33	1.09	0.1	1.64	0.08 Yes	0.1 Element Fault	
SCL322	2703	'4024551_/_43431801'	0.17	3.33	3.33	1.09	0.3	1.76	0.08 Yes	0.17 Primary Over-Voltage	
SCL322	2704	'4020018_/_4020028_1'	3.33	2.4	3.33	1.09	0.1	1.63	0.08 Yes	0.1 Element Fault	
SCL322	2705	'8223486_/_8223484'	3.33	2.4	3.33	1.09	0.13	1.61	0.08 Yes	0.13 Element Fault	
SCL322	2706	'4024550_/_4024548'	0.17	3.33	3.33	1.09	0.3	1.74	0.08 Yes	0.17 Primary Over-Voltage	
SCL322	2707	'4018347_/_4018344'	0.17	3.33	3.33	1.09	0.3	1.74	0.08 Yes	0.17 Primary Over-Voltage	
SCL322	2708	'4024460_/_4024457'	3.33	2.4	3.33	1.09	0.1	1.62	0.08 Yes	0.1 Element Fault	
SCL322	2709	'43431788_/_43431790'	3.33	2.4	3.33	1.09	0.1	1.62	0.08 Yes	0.1 Element Fault	
SCL322	2710	'43431821_/_4024616'	0.17	3.33	3.33	1.09	0.3	1.73	0.08 Yes	0.17 Primary Over-Voltage	
SCL322	2711	'74677533_/_3488442_1'	3.33	2.73	3.33	0.27	0.1	1.59	0.79 Yes	0.1 Element Fault	
SCL322	2712	'4024525_/_4024522'	3.33	2.4	3.33	1.09	0.1	1.61	0.08 Yes	0.1 Element Fault	
SCL322	2713	'7810020_/_7810017'	3.33	2.4	3.33	1.09	0.1	1.6	0.08 Yes	0.1 Element Fault	
SCL322	2714	'3713051_/_615995783'	3.33	2.4	3.33	0	0.1	1.59	2.88 Yes	0 Thermal Discharging	
SCL322	2715	'90692361_/_90691777_1'	3.33	2.73	3.33	0.27	0.1	1.59	0.79 Yes	0.1 Element Fault	
SCL322	2716	'4024634_/_43431823_1'	0.17	3.33	3.33	1.09	0.3	1.72	0.08 Yes	0.17 Primary Over-Voltage	
SCL322	2717	'43370367_/_43370369'	0.17	3.33	3.33	1.09	0.23	1.69	0.08 Yes	0.17 Primary Over-Voltage	
SCL322	2718	'49960821_/_9704822_2'	0.17	3.33	3.33	1.09	0.3	1.71	0.08 Yes	0.17 Primary Over-Voltage	
SCL322	2719	'86623276_/_90691777_2'	3.33	2.73	3.33	0.27	0.1	1.58	0.79 Yes	0.1 Element Fault	
SCL322	2720	'43431629_/_4024483'	0.4	2.4	3.33	1.09	0.1	1.59	0.08 Yes	0.1 Element Fault	
SCL322	2721	'74677502_/_3488442_2'	3.33	2.73	3.33	0.27	0.1	1.57	0.79 Yes	0.1 Element Fault	
SCL322	2722	'4024635_/_43431823_2'	0.17	3.33	3.33	1.09	0.3	1.7	0.08 Yes	0.17 Primary Over-Voltage	
SCL322	2723	'3488406_/_3488429'	3.33	2.73	3.33	0.27	0.1	1.56	0.79 Yes	0.1 Element Fault	
SCL322	2724	'3713052_/_3713049'	3.33	2.4	3.33	0	0.1	1.56	2.88 Yes	0 Thermal Discharging	
SCL322	2725	'44647673_/_3715312'	0.17	3.33	3.33	1.09	0.23	1.66	0.08 Yes	0.17 Primary Over-Voltage	
SCL322	2726	'385026956_/_580115549'	3.33	2.4	3.33	1.09	0.1	1.57	0.08 Yes	0.1 Element Fault	
SCL322	2727	'385026996_/_385027033'	3.33	2.4	3.33	1.09	0.1	1.56	0.08 Yes	0.1 Element Fault	
SCL322	2728	'3982492_/_3982502'	0.13	3.33	3.33	1.09	0.15	1.68	0.08 Yes	0.13 Primary Over-Voltage	
SCL322	2729	'385026916_/_385027015'	3.33	2.4	3.33	1.09	0.1	1.56	0.08 Yes	0.1 Element Fault	
SCL322	2730	'44848111_/_4024677'	0.13	3.33	3.33	1.09	0.3	1.67	0.08 Yes	0.13 Primary Over-Voltage	
SCL322	2731	'43430599_/_4018433'	0.4	10	10	3.28	0.9	5.02	0.24 Yes	0.4 Primary Over-Voltage	
SCL322	2732	'9704825_/_9704822_1'	0.13	3.33	3.33	1.09	0.1	1.66	0.08 Yes	0.1 Element Fault	
SCL322	2733	'3487925_/_3488416'	3.33	2.73	3.33	0.27	0.1	1.54	0.79 Yes	0.1 Element Fault	
SCL322	2734	'4024472_/_43431740'	0.3	2.4	3.33	1.09	0.1	1.56	0.08 Yes	0.1 Element Fault	
SCL322	2735	'3713065_/_3713062'	3.33	2.4	3.33	0	0.1	1.54	2.88 Yes	0 Thermal Discharging	
SCL322	2736	'3486741_/_86623285'	3.33	2.73	3.33	0.27	0.1	1.54	0.79 Yes	0.1 Element Fault	
SCL322	2737	'3713090_/_3713088_2'	3.33	2.4	3.33	0	0.1	1.54	2.88 Yes	0 Thermal Discharging	
SCL322	2738	'3487883_/_3488403'	3.33	2.73	3.33	0.27	0.1	1.53	0.79 Yes	0.1 Element Fault	
SCL322	2739	'43325618_/_43325620'	3.33	2.73	3.33	0.27	0.1	1.52	0.79 Yes	0.1 Element Fault	
SCL322	2740	'4018360_/_4018357'	0.13	3.33	3.33	1.09	0.3	1.64	0.08 Yes	0.13 Primary Over-Voltage	
SCL322	2741	'3713078_/_3713075'	3.33	2.4	3.33	0	0.1	1.52	2.88 Yes	0 Thermal Discharging	
SCL322	2742	'3487882_/_3487880'	3.33	2.73	3.33	0.27	0.1	1.51	0.79 Yes	0.1 Element Fault	
SCL322	2743	'3487895_/_3487893'	3.33	2.73	3.33	0.27	0.1	1.51	0.79 Yes	0.1 Element Fault	
SCL322	2744	'44806740_/_3487909'	3.33	2.73	3.33	0.27	0.1	1.51	0.79 Yes	0.1 Element Fault	
SCL322	2745	'4018487_/_43430575'	0.4	7.3	10	3.28	0.9	4.85	0.24 Yes	0.4 Primary Over-Voltage	
SCL322	2746	'3486728_/_3486738'	3.33	2.73	3.33	0.27	0.1	1.49	0.79 Yes	0.1 Element Fault	
SCL322	2747	'3486727_/_3486725'	3.33	2.73	3.33	0.27	0.1	1.46	0.79 Yes	0.1 Element Fault	
SCL322	2748	'43368874_/_3713182'	3.33	2.4	3.33	0	0.1	1.45	2.88 Yes	0 Thermal Discharging	
SCL322	2749	'3713143_/_9168296_2'	3.33	2.4	3.33	0	0.1	1.45	2.88 Yes	0 Thermal Discharging	
SCL322	2750	'397079063_/_397079067'	3.33	2.73	3.33	0.27	0.1	1.44	0.79 Yes	0.1 Element Fault	
SCL322	2751	'43431136_/_4020015'	0.23	2.4	3.33	1.09	0.1	1.44	0.08 Yes	0.1 Element Fault	
SCL322	2752	'348954646_/_43325226'	3.33	2.73	3.33	0.27	0.1	1.43	0.79 Yes	0.1 Element Fault	
SCL322	2753	'157276797_/_385026926'	3.33	2.4	3.33	1.09	0.1	1.42	0.08 Yes	0.1 Element Fault	
SCL322	2754	'9168299_/_9168296_1'	3.33	2.4	3.33	0	0.1	1.41	2.88 Yes	0 Thermal Discharging	
SCL322	2755	'4018418_/_4018416'	0.3	6.1	10	3.28	0.9	4.5	0.24 Yes	0.3 Primary Over-Voltage	
SCL322	2756	'3486792_/_3487276'	3.33	2.4	3.33	0.27	0.1	1.4	0.79 Yes	0.1 Element Fault	
SCL322	2757	'3713091_/_3713088_1'	3.33	2.4	3.33	0	0.1	1.4	2.88 Yes	0 Thermal Discharging	
SCL322	2758	'157276830_/_8851667'	3.33	2.4	3.33	1.09	0.1	1.39	0.08 Yes	0.1 Element Fault	
SCL322	2759	'3486793_/_3486790'	3.33	2.4	3.33	0.27	0.1	1.38	0.79 Yes	0.1 Element Fault	
SCL322	2760	'4018662_/_4018659'	0.1	2	3.33	1.09	0.3	1.47	0.08 Yes	0.1 Primary Over-Voltage	
SCL322	2761	'4018504_/_4018501'	0.3	5.3	10	3.28	0.9	4.44	0.24 Yes	0.3 Primary Over-Voltage	
SCL322	2762	'3486809_/_3486806'	3.33	2.4	3.33	0.27	0.1	1.36	0.79 Yes	0.1 Element Fault	
SCL322	2763	'8132657_/_8132655_1'	3.33	2.4	3.33	0.27	0.1	1.36	0.79 Yes	0.1 Element Fault	
SCL322	2764	'8132641_/_8132639_1'	3.33	2.4	3.33	0.27	0.1	1.36	0.79 Yes	0.1 Element Fault	
SCL322	2765	'4043070_/_4043107'	0.13	2.1	3.33	1.09	0.15	1.44	0.08 Yes	0.13 Primary Over-Voltage	
SCL322	2766	'568341044_/_8132655_2'	3.33	2.4	3.33	0.27	0.1	1.35	0.79 Yes	0.1 Element Fault	
SCL322	2767	'43325213_/_43325215'	3.33	2.4	3.33	0.27	0.1	1.35	0.79 Yes	0.1 Element Fault	
SCL322	2768	'3486715_/_3487247'	3.33	2.4	3.33	0.27	0.1	1.32	0.79 Yes	0.1 Element Fault	
SCL322	2769	'3486779_/_3487234_1'	3.33	2.4	3.33	0.27	0.1	1.32	0.79 Yes	0.1 Element Fault	
SCL322	2770	'50723192_/_3487234_2'	3.33	2.4	3.33	0.27	0.1	1.31	0.79 Yes	0.1 Element Fault	
SCL322	2771	'3486714_/_3486712'	3.33	2.4	3.33	0.27	0.1	1.31	0.79 Yes	0.1 Element Fault	

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
											VSR (MW)	Limiting Threshold
SCL322	2772	'65648758_/707161902_1'		10	5.2	10	3.28	0.2	3.67	0.24 Yes	0.2	Element Fault
SCL322	2773	'43325191_/43325193'		3.33	2.4	3.33	0.27	0.1	1.29	0.79 Yes	0.1	Element Fault
SCL322	2774	'3486349_/3486654'		3.33	2.4	3.33	0.27	0.1	1.29	0.79 Yes	0.1	Element Fault
SCL322	2775	'65646913_/707161902_2'		10	5.2	10	3.28	0.2	3.66	0.24 Yes	0.2	Element Fault
SCL322	2776	'65646972_/65646969'		10	5.2	10	3.28	0.2	3.64	0.24 Yes	0.2	Element Fault
SCL322	2777	'43325024_/43325026'		3.33	2.4	3.33	0.27	0.1	1.27	0.79 Yes	0.1	Element Fault
SCL322	2778	'43325167_/65646818'		10	5.2	8.2	3.28	0.2	3.62	0.24 Yes	0.2	Element Fault
SCL322	2779	'4019774_/4020002'		0.17	2.4	3.33	1.09	0.1	1.28	0.08 Yes	0.1	Element Fault
SCL322	2780	'3486643_/3486641'		3.33	2.4	3.33	0.27	0.1	1.27	0.79 Yes	0.1	Element Fault
SCL322	2781	'3982479_/3982489'		0.1	1.7	3.33	1.09	0.15	1.34	0.08 Yes	0.1	Primary Over-Voltage
SCL322	2782	'4018527_/4018524'		0.3	4.6	10	3.28	0.9	4.04	0.24 Yes	0.3	Primary Over-Voltage
SCL322	2783	'3490753_/3490751'		10	5.2	8.2	3.28	0.2	3.6	0.24 Yes	0.2	Element Fault
SCL322	2784	'4019269_/4019267'		0.1	1.47	3.33	1.09	0.3	1.34	0.08 Yes	0.1	Primary Over-Voltage
SCL322	2785	'434516440_/568341068'		3.33	2.4	3.33	0.27	0.1	1.26	0.79 Yes	0.1	Element Fault
SCL322	2786	'65647139_/7122297'		10	5.2	8.2	3.28	0.2	3.58	0.24 Yes	0.2	Element Fault
SCL322	2787	'3486469_/3486667'		3.33	2.4	3.33	0.27	0.1	1.25	0.79 Yes	0.1	Element Fault
SCL322	2788	'65647252_/65647249'		10	5.2	8.2	3.28	0.2	3.56	0.24 Yes	0.2	Element Fault
SCL322	2789	'3486323_/3486333'		3.33	2.4	3.33	0.27	0.1	1.25	0.79 Yes	0.1	Element Fault
SCL322	2790	'8761208_/8761206_1'		3.33	2.4	3.33	0.27	0.1	1.25	0.79 Yes	0.1	Element Fault
SCL322	2791	'4021537_/4021535'		0.1	1.5	3.33	1.09	0.3	1.32	0.08 Yes	0.1	Primary Over-Voltage
SCL322	2792	'8132658_/434516463'		3.33	2.4	3.33	0.27	0.1	1.24	0.79 Yes	0.1	Element Fault
SCL322	2793	'3486443_/3486453'		3.33	2.4	3.33	0.27	0.1	1.24	0.79 Yes	0.1	Element Fault
SCL322	2794	'4019286_/4019283'		0.3	4.1	10	3.28	0.9	3.97	0.24 Yes	0.3	Primary Over-Voltage
SCL322	2795	'3486307_/3486320'		3.33	2.4	3.33	0.27	0.1	1.24	0.79 Yes	0.1	Element Fault
SCL322	2796	'65647432_/65647142'		10	5.2	8.2	3.28	0.2	3.52	0.24 Yes	0.2	Element Fault
SCL322	2797	'65647636_/65647633'		10	5.2	8.2	3.28	0.2	3.5	0.24 Yes	0.2	Element Fault
SCL322	2798	'43325057_/43325059'		3.33	2.4	3.33	0.27	0.1	1.22	0.79 Yes	0.1	Element Fault
SCL322	2799	'65647705_/65647702'		10	5.2	8.2	3.28	0.2	3.48	0.24 Yes	0.2	Element Fault
SCL322	2800	'43433865_/4043068'		0.1	1.53	3.33	1.09	0.15	1.29	0.08 Yes	0.1	Primary Over-Voltage
SCL322	2801	'8761209_/8761206_2'		3.33	2.4	3.33	0.27	0.1	1.22	0.79 Yes	0.1	Element Fault
SCL322	2802	'3486417_/3486427'		3.33	2.4	3.33	0.27	0.1	1.21	0.79 Yes	0.1	Element Fault
SCL322	2803	'65647772_/65647769'		10	5.2	8.2	3.28	0.2	3.46	0.24 Yes	0.2	Element Fault
SCL322	2804	'3486306_/3486304'		3.33	2.4	3.33	0.27	0.1	1.21	0.79 Yes	0.1	Element Fault
SCL322	2805	'503503433_/503503437'		10	5.2	8.2	3.28	0.2	3.45	0.24 Yes	0.2	Element Fault
SCL322	2806	'3713648_/65647437'		10	5.2	8.2	3.28	0.2	3.44	0.24 Yes	0.2	Element Fault
SCL322	2807	'8132642_/8132639_2'		3.33	2.4	3.33	0.27	0.1	1.21	0.79 Yes	0.1	Element Fault
SCL322	2808	'7589187_/741361927_1'		10	5.2	8.2	3.28	0.1	3.44	0.24 Yes	0.1	Element Fault
SCL322	2809	'43325068_/43325070'		3.33	2.4	3.33	0.27	0.1	1.2	0.79 Yes	0.1	Element Fault
SCL322	2810	'728866106_/728865640_1'		3.33	2.4	3.33	0.27	0.1	1.2	0.79 Yes	0.1	Element Fault
SCL322	2811	'728865688_/728865640_2'		3.33	2.4	3.33	0.27	0.1	1.2	0.79 Yes	0.1	Element Fault
SCL322	2812	'456664299_/741361927_2'		10	5.2	8.2	3.28	0.1	3.42	0.24 Yes	0.1	Element Fault
SCL322	2813	'3486388_/3486401'		3.33	2.4	3.33	0.27	0.1	1.19	0.79 Yes	0.1	Element Fault
SCL322	2814	'4018582_/4018639'		0.3	4.1	10	3.28	0.9	3.79	0.24 Yes	0.3	Primary Over-Voltage
SCL322	2815	'43325035_/3486359'		0.53	2.4	3.33	0.27	0.1	1.18	0.79 Yes	0.1	Element Fault
SCL322	2816	'4019745_/4019742_2'		3.33	1.4	3.33	1.09	0.1	1.1	0.08 Yes	0.1	Element Fault
SCL322	2817	'3486387_/43325081'		3.33	2.4	3.33	0.27	0.1	1.18	0.79 Yes	0.1	Element Fault
SCL322	2818	'728865699_/728865696'		0.53	2.4	3.33	0.27	0.1	1.18	0.79 Yes	0.1	Element Fault
SCL322	2819	'3713519_/3713646'		3.33	1.73	2.73	1.09	0.07	1.12	0.08 Yes	0.07	Element Fault
SCL322	2820	'728865718_/728865715'		0.5	2.4	3.33	0.27	0.1	1.16	0.79 Yes	0.1	Element Fault
SCL322	2821	'43325046_/43325048'		0.47	2.4	3.33	0.27	0.1	1.16	0.79 Yes	0.1	Element Fault
SCL322	2822	'70631002_/70631101'		3.33	1.73	3.33	0.12	0.1	1.09	0.33 Yes	0.1	Element Fault
SCL322	2823	'462238882_/462238901'		10	5.2	8.2	3.28	0.1	3.31	0.24 Yes	0.1	Element Fault
SCL322	2824	'4019449_/4019771'		0.13	2.07	3.33	1.09	0.1	1.16	0.08 Yes	0.1	Element Fault
SCL322	2825	'452841812_/452841830'		10	5.2	8.2	3.28	0.1	3.29	0.24 Yes	0.1	Element Fault
SCL322	2826	'3486281_/3486291'		0.43	2.4	3.33	0.27	0.1	1.15	0.79 Yes	0.1	Element Fault
SCL322	2827	'157411863_/157411865'		3.33	1.73	2.73	1.09	0.07	1.09	0.08 Yes	0.07	Element Fault
SCL322	2828	'3982640_/4019504'		0.2	3.5	10	3.28	0.9	3.65	0.24 Yes	0.2	Primary Over-Voltage
SCL322	2829	'8532821_/8532818'		10	5.2	8.2	3.28	0.1	3.27	0.24 Yes	0.1	Element Fault
SCL322	2830	'728865733_/728865730'		0.43	2.4	3.33	0.27	0.1	1.14	0.79 Yes	0.1	Element Fault
SCL322	2831	'3486268_/3486278'		0.43	2.4	3.33	0.27	0.1	1.14	0.79 Yes	0.1	Element Fault
SCL322	2832	'4019732_/4019742_1'		3.33	1.4	3.33	1.09	0.1	1.06	0.08 Yes	0.1	Element Fault
SCL322	2833	'155990807_/8163487'		3.33	1.73	3.33	0.12	0.1	1.07	3.3 Yes	0.1	Element Fault
SCL322	2834	'416539403_/3982638'		0.2	3.4	10	3.28	0.9	3.58	0.24 Yes	0.2	Primary Over-Voltage
SCL322	2835	'4043084_/43433867'		0.1	1.3	3.33	1.09	0.15	1.18	0.08 Yes	0.1	Primary Over-Voltage
SCL322	2836	'728865833_/728865830'		0.43	2.4	3.33	0.27	0.1	1.12	0.79 Yes	0.1	Element Fault
SCL322	2837	'157411334_/157411336'		3.33	1.73	2.73	1.09	0.07	1.07	0.08 Yes	0.07	Element Fault
SCL322	2838	'4018622_/4018619'		0.2	3.6	10	3.28	0.9	3.54	0.24 Yes	0.2	Primary Over-Voltage
SCL322	2839	'43430623_/4018593'		0.1	1.23	3.33	1.09	0.3	1.17	0.08 Yes	0.1	Primary Over-Voltage
SCL322	2840	'7929971_/9187175_1'		0.2	3.6	10	3.28	0.4	3.53	0.24 Yes	0.2	Primary Over-Voltage
SCL322	2841	'43368729_/3486265'		0.4	2.4	3.33	0.27	0.1	1.11	0.79 Yes	0.1	Element Fault
SCL322	2842	'728865848_/728865845'		0.4	2.4	3.33	0.27	0.1	1.1	0.79 Yes	0.1	Element Fault
SCL322	2843	'728866132_/728865997_1'		0.4	2.4	3.33	0.27	0.1	1.1	0.79 Yes	0.1	Element Fault
SCL322	2844	'43430942_/4019459'		0.1	2.07	3.33	1.09	0.1	1.1	0.08 Yes	0.1	Primary Over-Voltage
SCL322	2845	'157308841_/3713516'		3.33	1.73	2.73	1.09	0.07	1.05	0.08 Yes	0.07	Element Fault
SCL322	2846	'43368740_/43368742'		0.37	2.4	3.33	0.27	0.1	1.09	0.79 Yes	0.1	Element Fault
SCL322	2847	'64530186_/3489295_1'		3.33	1.73	2.73	0.27	0.1	1.02	0.79 Yes	0.1	Element Fault
SCL322	2848	'7273702_/7273699'		3.33	1.4	3.33	0.12	0.1	1.02	3.3 Yes	0.1	Element Fault
SCL322	2849	'64526808_/3489295_2'		3.33	1.73	2.73	0.27	0.1	1.01	0.79 Yes	0.1	Element Fault
SCL322	2850	'3712920_/3712930'		0.33	2.4	3.33	0.27	0.1	1.07	0.79 Yes	0.1	Element Fault
SCL322	2851	'728865981_/728865997_2'		0.37	2.4	3.33	0.27	0.1	1.07	0.79 Yes	0.1	Element Fault
SCL322	2852	'43430876_/43430878'		0.07	1.2	3.33	1.09	0.15	1.12	0.08 Yes	0.07	Primary Over-Voltage
SCL322	2853	'64526761_/43325585'		3.33	1.4	2.73	0.27	0.1	1	0.79 Yes	0.1	Element Fault
SCL322	2854	'43430323_/4018606'		0.07	1.13	3.33	1.09	0.3	1.12	0.08 Yes	0.07	Primary Over-Voltage
SCL322	2855	'157411246_/157411248'		3.33	1.73	2.73	1.09	0.07	1.02	0.08 Yes	0.07	Element Fault
SCL322	2856	'3982641_/416539405'		0.2	3.1	10	3.28	0.9	3.37	0.24 Yes	0.2	Primary Over-Voltage
SCL322	2857	'4019371_/4019446'		0.1	2.07	3.33	1.09	0.1	1.07	0.08 Yes	0.1	Primary Over-Voltage
SCL322	2858	'43325572_/43325574'		3.33	1.4	2.73	0.27	0.1	0.99	0.79 Yes	0.1	Element Fault
SCL322	2859	'379637864_/379637867'		3.33	1.4	2.73	0.27	0.1	0.99	0.79 Yes	0.1	Element Fault
SCL322	2860	'9168565_/9168562'		3.33	1.4	3.33	0.12	0.1	1	3.3 Yes	0.1	Element Fault
SCL322	2861	'380755718_/379637813_1'		3.33	1.4	2.73	0.27	0.1	0.99	0.79 Yes	0.1	Element Fault
SCL322	2862	'379637816_/379637813_2'		3.33	1.4	2.73	0.27	0.1	0.99	0.79 Yes	0.1	Element Fault
SCL322	2863	'117718153_/4021505'		0.2	3.3	10	3.28	0.9	3.31	0.24 Yes	0.2	Primary Over-Voltage
SCL322	2864	'4019719_/4019729'		3.33	1.4	3.33	1.09	0.1	0.99	0.08 Yes	0.1	Element Fault
SCL322	2865	'3712907_/3712917'		0.33	2.4	3.33	0.27	0.1	1.05	0.79 Yes	0.1	Element Fault

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SCL322	2866	'7589706_/9480330'	3.33	1.4	3.33	0.12	0.1	0.99	3.3	Yes	0.1 Element Fault
SCL322	2867	'9187178_/9187175_2'	0.2	3.2	10	3.28	0.4	3.28	0.24	Yes	0.2 Primary Over-Voltage
SCL322	2868	'483075070_/483075118'	3.33	1.4	2.4	0.27	0.1	0.96	0.79	Yes	0.1 Element Fault
SCL322	2869	'4019462_/43430944'	0.1	2.07	3.33	1.09	0.1	1.05	0.08	Yes	0.1 Primary Over-Voltage
SCL322	2870	'157411187_/157411189'	3.33	1.73	2.73	1.09	0.07	1	0.08	Yes	0.07 Element Fault
SCL322	2871	'43368751_/43368753'	0.3	2.4	3.33	0.27	0.1	1.03	0.79	Yes	0.1 Element Fault
SCL322	2872	'3712878_/3712888'	0.3	2.4	3.33	0.27	0.1	1.03	0.79	Yes	0.1 Element Fault
SCL322	2873	'43430322_/4021938'	0.07	1.1	3.33	1.09	0.3	1.07	0.08	Yes	0.07 Primary Over-Voltage
SCL322	2874	'157308780_/157308849'	3.33	1.73	2.73	1.09	0.07	0.98	0.08	Yes	0.07 Element Fault
SCL322	2875	'4019370_/4019368'	0.1	2.07	3.33	1.09	0.1	1.02	0.08	Yes	0.1 Primary Over-Voltage
SCL322	2876	'43368762_/43368764'	0.3	2.07	3.33	0.27	0.1	1.01	0.79	Yes	0.1 Element Fault
SCL322	2877	'155993184_/155993190'	0.27	1.4	3.33	0.12	0.1	0.95	3.3	Yes	0.1 Element Fault
SCL322	2878	'3712852_/3712862'	0.3	2.07	3.33	0.27	0.1	1.01	0.79	Yes	0.1 Element Fault
SCL322	2879	'43430843_/4043094'	0.07	1.03	3.33	1.09	0.15	1.04	0.08	Yes	0.07 Primary Over-Voltage
SCL322	2880	'157410643_/157410645'	3.33	1.73	2.73	1.09	0.07	0.96	0.08	Yes	0.07 Element Fault
SCL322	2881	'3982678_/3982675'	0.2	2.7	10	3.28	0.9	3.11	0.24	Yes	0.2 Primary Over-Voltage
SCL322	2882	'3712839_/3712849'	0.27	2.07	3.33	0.27	0.1	0.98	0.79	Yes	0.1 Element Fault
SCL322	2883	'43430782_/4019381'	0.1	2.07	3.33	1.09	0.1	0.98	0.08	Yes	0.1 Primary Over-Voltage
SCL322	2884	'43431021_/4019716'	0.17	1.4	3.33	1.09	0.1	0.92	0.08	Yes	0.1 Element Fault
SCL322	2885	'8533266_/155993250'	0.17	1.4	3.33	0.12	0.1	0.92	3.3	Yes	0.1 Element Fault
SCL322	2886	'43368773_/43368775'	0.27	2.07	3.33	0.27	0.1	0.97	0.79	Yes	0.1 Element Fault
SCL322	2887	'157308683_/157308788'	3.33	1.73	2.73	1.09	0.07	0.93	0.08	Yes	0.07 Element Fault
SCL322	2888	'43430334_/4021522'	0.07	0.97	3.33	1.09	0.3	1	0.08	Yes	0.07 Primary Over-Voltage
SCL322	2889	'43430887_/43430889'	0.07	0.97	3.33	1.09	0.15	0.99	0.08	Yes	0.07 Primary Over-Voltage
SCL322	2890	'43368806_/43368808'	0.27	2.07	3.33	0.27	0.1	0.95	0.79	Yes	0.1 Element Fault
SCL322	2891	'4019680_/4019690'	0.07	2.07	3.33	1.09	0.1	0.96	0.08	Yes	0.07 Primary Over-Voltage
SCL322	2892	'3712949_/3712946'	0.27	2.07	3.33	0.27	0.1	0.94	0.79	Yes	0.1 Element Fault
SCL322	2893	'3982531_/43430845'	0.07	0.93	3.33	1.09	0.15	0.97	0.08	Yes	0.07 Primary Over-Voltage
SCL322	2894	'562191605_/500430101_2'	3.33	1.07	2.4	1.09	0.1	0.84	0.08	Yes	0.1 Element Fault
SCL322	2895	'91102708_/500430101_1'	3.33	1.07	2.4	1.09	0.1	0.84	0.08	Yes	0.1 Element Fault
SCL322	2896	'3712991_/3712988'	0.23	2.07	3.33	0.27	0.1	0.93	0.79	Yes	0.1 Element Fault
SCL322	2897	'157410597_/157410599'	3.33	1.73	2.73	1.09	0.07	0.9	0.08	Yes	0.07 Element Fault
SCL322	2898	'155993218_/155993260'	0.17	1.4	3.33	0.12	0.1	0.89	3.3	Yes	0.1 Element Fault
SCL322	2899	'3711394_/8851631_1'	3.33	1.07	2.4	1.09	0.1	0.84	0.08	Yes	0.1 Element Fault
SCL322	2900	'4019384_/43430784'	0.07	2.07	3.33	1.09	0.1	0.93	0.08	Yes	0.07 Primary Over-Voltage
SCL322	2901	'43368784_/3712959'	0.23	2.07	3.33	0.27	0.1	0.93	0.79	Yes	0.1 Element Fault
SCL322	2902	'629424793_/8851631_2'	3.33	1.07	2.4	1.09	0.1	0.83	0.08	Yes	0.1 Element Fault
SCL322	2903	'3712975_/3712972'	0.23	2.07	3.33	0.27	0.1	0.92	0.79	Yes	0.1 Element Fault
SCL322	2904	'91102747_/91102714'	3.33	1.07	2.4	1.09	0.1	0.83	0.08	Yes	0.1 Element Fault
SCL322	2905	'8223367_/8223364'	3.33	1.07	2.4	1.09	0.1	0.83	0.08	Yes	0.1 Element Fault
SCL322	2906	'8851634_/629424815'	3.33	1.07	2.4	1.09	0.1	0.83	0.08	Yes	0.1 Element Fault
SCL322	2907	'43325112_/7123464'	0.23	2.07	3.33	0.27	0.1	0.91	0.79	Yes	0.1 Element Fault
SCL322	2908	'7589705_/7589703'	0.13	1.4	3.33	0.12	0.1	0.87	3.3	Yes	0.1 Element Fault
SCL322	2909	'4019355_/4019677'	0.07	2.03	3.33	1.09	0.1	0.91	0.08	Yes	0.07 Primary Over-Voltage
SCL322	2910	'3486482_/3486479'	0.23	2.07	3.33	0.27	0.1	0.91	0.79	Yes	0.1 Element Fault
SCL322	2911	'8223302_/9479944'	3.33	1.07	2.4	1.09	0.1	0.82	0.08	Yes	0.1 Element Fault
SCL322	2912	'157410526_/157410528'	0.33	1.73	2.73	1.09	0.07	0.88	0.08	Yes	0.07 Element Fault
SCL322	2913	'43325090_/3486492'	0.23	2.07	3.33	0.27	0.1	0.9	0.79	Yes	0.1 Element Fault
SCL322	2914	'3982660_/3982692'	0.2	2.4	10	3.28	0.9	2.83	0.24	Yes	0.2 Primary Over-Voltage
SCL322	2915	'4019706_/4019758'	0.13	1.4	3.33	1.09	0.1	0.86	0.08	Yes	0.1 Element Fault
SCL322	2916	'43325101_/3486505'	0.23	2.07	3.33	0.27	0.1	0.9	0.79	Yes	0.1 Element Fault
SCL322	2917	'3486563_/3486560'	0.23	2.07	2.73	0.27	0.1	0.89	0.79	Yes	0.1 Element Fault
SCL322	2918	'9168267_/9168264'	3.33	1.07	2.4	1.09	0.1	0.81	0.08	Yes	0.1 Element Fault
SCL322	2919	'3486521_/3486518'	0.23	2.07	2.73	0.27	0.1	0.89	0.79	Yes	0.1 Element Fault
SCL322	2920	'43430898_/4019475'	0.07	0.9	3.33	1.09	0.15	0.92	0.08	Yes	0.07 Primary Over-Voltage
SCL322	2921	'157410461_/157410463'	0.3	1.73	2.73	1.09	0.07	0.86	0.08	Yes	0.07 Element Fault
SCL322	2922	'3486534_/3486531'	0.23	2.07	2.73	0.27	0.1	0.88	0.79	Yes	0.1 Element Fault
SCL322	2923	'3982544_/3982541'	0.07	0.87	3.33	1.09	0.15	0.91	0.08	Yes	0.07 Primary Over-Voltage
SCL322	2924	'3486576_/3486573'	0.23	2.03	2.73	0.27	0.1	0.88	0.79	Yes	0.1 Element Fault
SCL322	2925	'7273439_/9168280'	3.33	1.07	2.4	1.09	0.1	0.8	0.08	Yes	0.1 Element Fault
SCL322	2926	'3486589_/3486586'	0.23	2.03	2.73	0.27	0.1	0.87	0.79	Yes	0.1 Element Fault
SCL322	2927	'43430793_/4019394'	0.07	1.97	3.33	1.09	0.1	0.87	0.08	Yes	0.07 Primary Over-Voltage
SCL322	2928	'43325134_/3486602'	0.2	2.03	2.73	0.27	0.1	0.86	0.79	Yes	0.1 Element Fault
SCL322	2929	'3713340_/157308691'	0.27	1.73	2.73	1.09	0.07	0.84	0.08	Yes	0.07 Element Fault
SCL322	2930	'7273440_/7273437'	3.33	1.07	2.4	1.09	0.1	0.78	0.08	Yes	0.1 Element Fault
SCL322	2931	'43325123_/43325136'	0.2	2.03	2.73	0.27	0.1	0.86	0.79	Yes	0.1 Element Fault
SCL322	2932	'8223303_/8223300'	3.33	1.07	2.4	1.09	0.1	0.78	0.08	Yes	0.1 Element Fault
SCL322	2933	'43431010_/43431012'	0.1	1.4	3.33	1.09	0.1	0.82	0.08	Yes	0.1 Primary Over-Voltage
SCL322	2934	'749973991_/749973995'	0.27	1.73	2.73	1.09	0.07	0.83	0.08	Yes	0.07 Element Fault
SCL322	2935	'3713366_/3713403'	0.27	1.73	2.73	1.09	0.07	0.83	0.08	Yes	0.07 Element Fault
SCL322	2936	'3486631_/43325125'	0.2	1.97	2.73	0.27	0.1	0.85	0.79	Yes	0.1 Element Fault
SCL322	2937	'460376083_/460376085'	0.27	1.73	2.73	1.09	0.07	0.83	0.08	Yes	0.07 Element Fault
SCL322	2938	'4017525_/43430336'	0.07	0.83	3.33	1.09	0.3	0.87	0.08	Yes	0.07 Primary Over-Voltage
SCL322	2939	'4019436_/4019703'	0.1	1.4	3.33	1.09	0.1	0.81	0.08	Yes	0.1 Primary Over-Voltage
SCL322	2940	'4019397_/43430795'	0.07	2.07	3.33	1.09	0.1	0.84	0.08	Yes	0.07 Primary Over-Voltage
SCL322	2941	'43430771_/4019352'	0.07	1.97	3.33	1.09	0.1	0.83	0.08	Yes	0.07 Primary Over-Voltage
SCL322	2942	'416539363_/3982658'	0.1	2.1	10	3.28	0.9	2.58	0.24	Yes	0.1 Primary Over-Voltage
SCL322	2943	'4019978_/4019976'	0.1	1.4	3.33	1.09	0.1	0.78	0.08	Yes	0.1 Primary Over-Voltage
SCL322	2944	'416539327_/416539365'	0.1	2	10	3.28	0.9	2.5	0.24	Yes	0.1 Primary Over-Voltage
SCL322	2945	'4019628_/4019625'	0.07	0.77	3.33	1.09	0.15	0.82	0.08	Yes	0.07 Primary Over-Voltage
SCL322	2946	'157410404_/157410406'	0.2	1.4	2.73	1.09	0.07	0.78	0.08	Yes	0.07 Element Fault
SCL322	2947	'4019423_/4019433'	0.1	1.4	3.33	1.09	0.1	0.75	0.08	Yes	0.1 Primary Over-Voltage
SCL322	2948	'4021494_/4021492'	0.07	0.73	3.33	1.09	0.3	0.78	0.08	Yes	0.07 Primary Over-Voltage
SCL322	2949	'43430909_/43430911'	0.03	0.73	3.33	1.09	0.15	0.78	0.08	Yes	0.03 Primary Over-Voltage
SCL322	2950	'4022797_/4022810'	0.07	0.7	3.33	1.09	0.15	0.77	0.08	Yes	0.07 Primary Over-Voltage
SCL322	2951	'4018570_/4019339'	0.07	1.07	3.33	1.09	0.1	0.75	0.08	Yes	0.07 Primary Over-Voltage
SCL322	2952	'4019316_/4019420'	0.07	1.4	3.33	1.09	0.1	0.72	0.08	Yes	0.07 Primary Over-Voltage
SCL322	2953	'43368885_/3713364'	0.17	1.37	2.4	1.09	0.07	0.73	0.08	Yes	0.07 Element Fault
SCL322	2954	'3713419_/3713429'	0.17	1.37	2.4	1.09	0.07	0.72	0.08	Yes	0.07 Element Fault
SCL322	2955	'92284010_/8758192_1'	6.67	2.13	4.13	0.54	0.1	1.32	1.58	Yes	0.1 Element Fault
SCL322	2956	'4019653_/4022781'	0.07	0.67	3.33	1.09	0.15	0.75	0.08	Yes	0.07 Primary Over-Voltage
SCL322	2957	'90109965_/90109919'	6.67	2.13	4.13	0.54	0.2	1.32	1.58	Yes	0.2 Element Fault
SCL322	2958	'157410034_/157410036'	0.17	1.37	2.4	1.09	0.07	0.71	0.08	Yes	0.07 Element Fault
SCL322	2959	'411722540_/43368832'	0.17	1.6	2.4	1.09	0.07	0.7	0.08	Yes	0.07 Element Fault

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SCL322	2960	'4019315_/_4019313'	0.07	1.4	3.33	1.09	0.1	0.69	0.08 Yes	0.07	Primary Over-Voltage
SCL322	2961	'3713035_/_3713033'	0.17	1.5	2.4	1.09	0.07	0.69	0.08 Yes	0.07	Element Fault
SCL322	2962	'4019409_/_4019407'	0.07	1.4	3.33	1.09	0.1	0.68	0.08 Yes	0.07	Primary Over-Voltage
SCL322	2963	'468048488_/_3713390'	0.17	1.47	2.4	1.09	0.07	0.69	0.08 Yes	0.07	Element Fault
SCL322	2964	'3982711_/_4022823'	0.03	0.63	3.33	1.09	0.15	0.72	0.08 Yes	0.03	Primary Over-Voltage
SCL322	2965	'4018557_/_4018567'	0.03	0.9	3.33	1.09	0.1	0.7	0.08 Yes	0.03	Primary Over-Voltage
SCL322	2966	'154727205_/_154727207'	0.17	1.47	2.4	1.09	0.07	0.68	0.08 Yes	0.07	Element Fault
SCL322	2967	'43430988_/_4019664'	0.03	0.63	3.33	1.09	0.15	0.71	0.08 Yes	0.03	Primary Over-Voltage
SCL322	2968	'8758195_/_8758192_2'	6.67	2.13	4.13	0.54	0.1	1.26	1.58 Yes	0.1	Element Fault
SCL322	2969	'3982611_/_4019638_1'	0.03	0.57	3.33	1.09	0.15	0.7	0.08 Yes	0.03	Primary Over-Voltage
SCL322	2970	'43430966_/_4022794'	0.03	0.63	3.33	1.09	0.15	0.7	0.08 Yes	0.03	Primary Over-Voltage
SCL322	2971	'3982712_/_3982709'	0.03	0.63	3.33	1.09	0.15	0.69	0.08 Yes	0.03	Primary Over-Voltage
SCL322	2972	'43368896_/_468048492'	0.13	1.4	2.4	1.09	0.07	0.65	0.08 Yes	0.07	Element Fault
SCL322	2973	'43430920_/_43430922'	0.03	0.63	3.33	1.09	0.15	0.67	0.08 Yes	0.03	Primary Over-Voltage
SCL322	2974	'4019667_/_43430990'	0.03	0.6	3.33	1.09	0.15	0.67	0.08 Yes	0.03	Primary Over-Voltage
SCL322	2975	'157409977_/_157409979'	0.13	1.53	2.4	1.09	0.07	0.64	0.08 Yes	0.07	Element Fault
SCL322	2976	'3713117_/_3713127'	0.13	1.5	2.4	1.09	0.07	0.64	0.08 Yes	0.07	Element Fault
SCL322	2977	'337187933_/_337187825'	0.13	1.5	2.4	1.09	0.07	0.64	0.08 Yes	0.07	Element Fault
SCL322	2978	'43430536_/_43430538'	0.03	0.77	3.33	1.09	0.1	0.65	0.08 Yes	0.03	Primary Over-Voltage
SCL322	2979	'157405469_/_157405471'	0.13	1.47	2.4	1.09	0.07	0.63	0.08 Yes	0.07	Element Fault
SCL322	2980	'3713308_/_337187935'	0.13	1.43	2.4	1.09	0.07	0.63	0.08 Yes	0.07	Element Fault
SCL322	2981	'396549047_/_157405393_2'	0.13	1.4	2.4	1.09	0.07	0.63	0.08 Yes	0.07	Element Fault
SCL322	2982	'157405391_/_157405393_1'	0.13	1.4	2.4	1.09	0.07	0.63	0.08 Yes	0.07	Element Fault
SCL322	2983	'43430749_/_43430751'	0.07	1.33	3.33	1.09	0.1	0.62	0.08 Yes	0.07	Primary Over-Voltage
SCL322	2984	'43368907_/_3713377'	0.13	1.5	2.4	1.09	0.07	0.62	0.08 Yes	0.07	Element Fault
SCL322	2985	'3713380_/_43368909'	0.13	1.5	2.4	1.09	0.07	0.62	0.08 Yes	0.07	Element Fault
SCL322	2986	'499308867_/_8223332'	3.33	0.73	2.07	1.09	0.1	0.54	0.08 Yes	0.1	Element Fault
SCL322	2987	'351947757_/_499308871_1'	3.33	0.73	2.07	1.09	0.1	0.54	0.08 Yes	0.1	Element Fault
SCL322	2988	'43430999_/_43430968'	0.03	0.57	3.33	1.09	0.15	0.63	0.08 Yes	0.03	Primary Over-Voltage
SCL322	2989	'118128465_/_3715469_1'	10	2.2	7.2	3.28	0.1	1.62	0.24 Yes	0.1	Element Fault
SCL322	2990	'3723797_/_3723795_2'	10	2.2	7.2	3.28	0.1	1.62	0.24 Yes	0.1	Element Fault
SCL322	2991	'7908173_/_499308871_2'	3.33	0.73	2.07	1.09	0.1	0.54	0.08 Yes	0.1	Element Fault
SCL322	2992	'3715726_/_3715789_1'	3.33	0.73	2.4	1.09	0.1	0.54	0.08 Yes	0.1	Element Fault
SCL322	2993	'3982599_/_3982625'	0.03	0.57	3.33	1.09	0.15	0.62	0.08 Yes	0.03	Primary Over-Voltage
SCL322	2994	'3715454_/_3715469_2'	10	2.2	7.2	3.28	0.1	1.61	0.24 Yes	0.1	Element Fault
SCL322	2995	'3723780_/_3723795_1'	10	2.2	7.2	3.28	0.1	1.61	0.24 Yes	0.1	Element Fault
SCL322	2996	'43370524_/_3715789_2'	3.33	0.73	2.4	1.09	0.1	0.54	0.08 Yes	0.1	Element Fault
SCL322	2997	'3715343_/_3715452'	10	2.2	7.2	3.28	0.1	1.6	0.24 Yes	0.1	Element Fault
SCL322	2998	'3723781_/_3723778'	10	2.2	7.2	3.28	0.1	1.6	0.24 Yes	0.1	Element Fault
SCL322	2999	'7908174_/_7908171'	3.33	0.73	2.07	1.09	0.1	0.53	0.08 Yes	0.1	Element Fault
SCL322	3000	'3716211_/_3715802'	3.33	0.73	2.4	1.09	0.1	0.53	0.08 Yes	0.1	Element Fault
SCL322	3001	'3715344_/_3715341'	10	2.2	7.2	3.28	0.1	1.6	0.24 Yes	0.1	Element Fault
SCL322	3002	'3723817_/_3723832'	10	2.2	7.2	3.28	0.1	1.59	0.24 Yes	0.1	Element Fault
SCL322	3003	'3716198_/_3716208'	3.33	0.73	2.4	1.09	0.1	0.53	0.08 Yes	0.1	Element Fault
SCL322	3004	'3723818_/_3723815'	10	2.2	7.2	3.28	0.1	1.59	0.24 Yes	0.1	Element Fault
SCL322	3005	'3715361_/_3715358'	10	2.2	7.2	3.28	0.1	1.59	0.24 Yes	0.1	Element Fault
SCL322	3006	'3715739_/_3716247'	3.33	0.73	2.4	1.09	0.1	0.53	0.08 Yes	0.1	Element Fault
SCL322	3007	'3716197_/_3716195'	3.33	0.73	2.4	1.09	0.1	0.53	0.08 Yes	0.1	Element Fault
SCL322	3008	'3717974_/_3717971'	10	2.2	7.2	3.28	0.1	1.58	0.24 Yes	0.1	Element Fault
SCL322	3009	'3715738_/_3715736'	3.33	0.73	2.4	1.09	0.1	0.53	0.08 Yes	0.1	Element Fault
SCL322	3010	'4018556_/_4018554'	0.03	0.67	3.33	1.09	0.1	0.6	0.08 Yes	0.03	Primary Over-Voltage
SCL322	3011	'43430977_/_43430979'	0.03	0.57	3.33	1.09	0.15	0.61	0.08 Yes	0.03	Primary Over-Voltage
SCL322	3012	'485269414_/_7293055_2'	0.03	0.57	3.33	1.09	0.15	0.6	0.08 Yes	0.03	Primary Over-Voltage
SCL322	3013	'43370166_/_43370168'	3.33	0.73	2.4	1.09	0.1	0.52	0.08 Yes	0.1	Element Fault
SCL322	3014	'3717991_/_3717988'	10	2.2	7.2	3.28	0.1	1.57	0.24 Yes	0.1	Element Fault
SCL322	3015	'3718011_/_3718008'	10	2.2	7.2	3.28	0.1	1.56	0.24 Yes	0.1	Element Fault
SCL322	3016	'3716223_/_3716221'	3.33	0.73	2.4	1.09	0.1	0.52	0.08 Yes	0.1	Element Fault
SCL322	3017	'4019218_/_43431001'	0.03	0.53	3.33	1.09	0.15	0.6	0.08 Yes	0.03	Primary Over-Voltage
SCL322	3018	'3982586_/_3982596'	0.03	0.53	3.33	1.09	0.15	0.59	0.08 Yes	0.03	Primary Over-Voltage
SCL322	3019	'4018544_/_4019300'	0.03	1.13	3.33	1.09	0.1	0.56	0.08 Yes	0.03	Primary Over-Voltage
SCL322	3020	'679776070_/_8429574_3'	3.33	0.73	1.73	0.27	0.1	0.5	0.79 Yes	0.1	Element Fault
SCL322	3021	'86836429_/_679776078_1'	3.33	0.73	1.73	0.27	0.1	0.5	0.79 Yes	0.1	Element Fault
SCL322	3022	'89054866_/_8132745_2'	3.33	0.73	1.73	0.27	0.1	0.5	0.79 Yes	0.1	Element Fault
SCL322	3023	'8429576_/_679776078_2'	3.33	0.73	1.73	0.27	0.1	0.5	0.79 Yes	0.1	Element Fault
SCL322	3024	'462238845_/_462238865'	3.33	0.73	1.73	0.27	0.1	0.5	0.79 Yes	0.1	Element Fault
SCL322	3025	'8132748_/_8132745_1'	3.33	0.73	1.73	0.27	0.1	0.5	0.79 Yes	0.1	Element Fault
SCL322	3026	'8429644_/_8747432'	3.33	0.73	1.73	0.27	0.1	0.5	0.79 Yes	0.1	Element Fault
SCL322	3027	'7293058_/_7293055_1'	0.03	0.5	3.33	1.09	0.1	0.56	0.08 Yes	0.03	Primary Over-Voltage
SCL322	3028	'43430760_/_43430762'	0.03	1.07	3.33	1.09	0.1	0.52	0.08 Yes	0.03	Primary Over-Voltage
SCL322	3029	'43430931_/_43430933'	0.03	0.5	3.33	1.09	0.15	0.54	0.08 Yes	0.03	Primary Over-Voltage
SCL322	3030	'4018543_/_4018541'	0.03	1.17	3.33	1.09	0.1	0.48	0.08 Yes	0.03	Primary Over-Voltage
SCL322	3031	'3982557_/_3982567'	0.03	0.43	3.33	1.09	0.15	0.5	0.08 Yes	0.03	Primary Over-Voltage
SCL322	3032	'3982556_/_3982554'	0.03	0.43	3.33	1.09	0.15	0.47	0.08 Yes	0.03	Primary Over-Voltage
SCL323	0	'SCL323_/_4032958'	10	10	10	1.544	10	10	1.69 No	1.544	Thermal Discharging
SCL323	1	'4032961_/_4032958'	10	10	10	1.544	10	10	1.69 No	1.544	Thermal Discharging
SCL323	2	'4032981_/_4032978_1'	10	10	10	1.544	10	10	1.69 No	1.544	Thermal Discharging
SCL323	3	'43432406_/_4032978_2'	10	10	10	1.544	10	10	1.69 No	1.544	Thermal Discharging
SCL323	4	'348497107_/_43432408_1'	10	10	10	1.544	10	10	1.69 No	1.544	Thermal Discharging
SCL323	5	'7145787_/_43432408_2'	10	10	10	1.544	10	10	1.69 No	1.544	Thermal Discharging
SCL323	6	'4035219_/_4035233'	10	10	10	1.544	10	10	1.69 No	1.544	Thermal Discharging
SCL323	7	'4032998_/_4035216'	10	10	10	1.544	10	10	1.68 No	1.544	Thermal Discharging
SCL323	8	'4033017_/_4033015'	10	10	10	1.544	10	10	1.68 No	1.544	Thermal Discharging
SCL323	9	'4033119_/_4033117'	10	10	10	1.544	10	10	1.68 No	1.544	Thermal Discharging
SCL323	10	'316708341_/_316708338'	10	10	10	1.544	10	10	1.68 No	1.544	Thermal Discharging
SCL323	11	'316708450_/_316708448'	9.9	10	10	1.544	10	10	1.68 No	1.544	Thermal Discharging
SCL323	12	'7484191_/_7484188'	10	10	10	1.544	10	10	1.68 No	1.544	Thermal Discharging
SCL323	13	'4033171_/_316708466'	9.7	10	10	1.544	10	10	1.68 No	1.544	Thermal Discharging
SCL323	14	'4032670_/_4033168_1'	9.4	10	10	1.544	10	10	1.68 No	1.544	Thermal Discharging
SCL323	15	'4032373_/_316708514'	9.3	10	10	1.544	10	10	1.68 No	1.544	Thermal Discharging
SCL323	16	'43432371_/_43432373'	9.1	10	10	1.544	10	10	1.68 No	1.544	Thermal Discharging
SCL323	17	'4032264_/_4032294'	9	10	10	1.544	10	10	1.68 No	1.544	Thermal Discharging
SCL323	18	'4032247_/_4032261'	8.9	10	10	1.544	10	10	1.68 No	1.544	Thermal Discharging
SCL323	19	'4030252_/_4034993'	8.6	10	10	1.544	10	10	1.67 No	1.544	Thermal Discharging
SCL323	20	'4030234_/_4030249'	8.4	10	10	1.544	10	10	1.67 No	1.544	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over- Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SCL323	21	'4030235_/_/510731753'		8.4	10	10	1.544	10	10	1.67 No	1.544 Thermal Discharging
SCL323	22	'49932936_/_/9690104_2'		8.4	10	10	1.544	10	10	1.67 No	1.544 Thermal Discharging
SCL323	23	'4030414_/_/4041969'		8.1	10	10	1.544	10	10	1.67 No	1.544 Thermal Discharging
SCL323	24	'4030481_/_/43432778'		2.9	3.33	3.33	0.512	3.33	3.33	0.56 No	0.512 Thermal Discharging
SCL323	25	'4030428_/_/4030462'		8	10	10	1.544	10	10	1.67 No	1.544 Thermal Discharging
SCL323	26	'4030367_/_/4030365'		8	10	10	1.544	10	10	1.67 No	1.544 Thermal Discharging
SCL323	27	'43432798_/_/4030382'		8	10	10	1.544	10	10	1.67 No	1.544 Thermal Discharging
SCL323	28	'4030401_/_/4030399_1'		2.7	3.33	3.33	0.512	1.2	3.33	0.56 No	0.512 Thermal Discharging
SCL323	29	'9690107_/_/9690104_1'		8.4	10	10	1.544	3.8	10	1.67 No	1.544 Thermal Discharging
SCL323	30	'4030281_/_/4030279'		8	10	10	1.544	10	10	1.67 No	1.544 Thermal Discharging
SCL323	31	'4032281_/_/4032278'		2.97	3.33	3.33	0.512	3.33	3.33	0.56 No	0.512 Thermal Discharging
SCL323	32	'53466485_/_/4030296_1'		2.67	3.33	3.33	0.512	0.7	3.33	0.56 No	0.512 Thermal Discharging
SCL323	33	'4030218_/_/4030325'		8	10	10	1.544	10	10	1.67 No	1.544 Thermal Discharging
SCL323	34	'4030201_/_/4030215'		8	10	10	1.544	10	10	1.67 No	1.544 Thermal Discharging
SCL323	35	'43432664_/_/43432666'		7.5	10	10	1.544	10	10	1.67 No	1.544 Thermal Discharging
SCL323	36	'4034507_/_/4034714'		7.4	10	10	1.544	10	10	1.67 No	1.544 Thermal Discharging
SCL323	37	'49932927_/_/4042051_1'		8	10	10	1.544	2.3	10	1.67 No	1.544 Thermal Discharging
SCL323	38	'4030200_/_/4030198'		8	10	10	1.544	10	10	1.67 No	1.544 Thermal Discharging
SCL323	39	'4030268_/_/4030399_2'		2.73	3.33	3.33	0.512	1.2	3.33	0.56 No	0.512 Thermal Discharging
SCL323	40	'43432861_/_/43432863'		7.3	10	10	1.544	10	10	1.67 No	1.544 Thermal Discharging
SCL323	41	'56901309_/_/56901306'		8	10	10	1.544	10	10	1.67 No	1.544 Thermal Discharging
SCL323	42	'38853501_/_/4042018_1'		2.67	3.33	3.33	0.512	0.7	3.33	0.56 No	0.512 Thermal Discharging
SCL323	43	'55916787_/_/4030296_2'		2.67	3.33	3.33	0.512	0.7	3.33	0.56 No	0.512 Thermal Discharging
SCL323	44	'43432848_/_/43432850'		7.2	10	10	1.544	10	10	1.67 No	1.544 Thermal Discharging
SCL323	45	'4042008_/_/4042018_2'		2.67	3.33	3.33	0.512	0.7	3.33	0.56 No	0.512 Thermal Discharging
SCL323	46	'4034634_/_/56901327'		8.1	10	10	1.544	10	10	1.66 No	1.544 Thermal Discharging
SCL323	47	'56901351_/_/56901348'		8.1	10	10	1.544	10	10	1.66 No	1.544 Thermal Discharging
SCL323	48	'49196970_/_/4034651_2'		2.7	3.33	3.33	0.512	3.33	3.33	0.55 No	0.512 Thermal Discharging
SCL323	49	'4034873_/_/4034871'		7	10	10	1.544	10	10	1.67 No	1.544 Thermal Discharging
SCL323	50	'49242927_/_/43432679_2'		8.1	10	10	1.544	10	10	1.66 No	1.544 Thermal Discharging
SCL323	51	'56901372_/_/56901369'		8.1	10	10	1.544	10	10	1.66 No	1.544 Thermal Discharging
SCL323	52	'43432835_/_/4034888'		6.9	10	10	1.544	10	10	1.67 No	1.544 Thermal Discharging
SCL323	53	'43432677_/_/43432679_1'		8.1	10	10	1.544	2.4	10	1.66 No	1.544 Thermal Discharging
SCL323	54	'4034700_/_/56901239'		8.1	10	10	1.544	10	10	1.66 No	1.544 Thermal Discharging
SCL323	55	'4034837_/_/4034851'		6.9	10	10	1.544	10	10	1.66 No	1.544 Thermal Discharging
SCL323	56	'4034490_/_/4034834'		6.8	10	10	1.544	10	10	1.66 No	1.544 Thermal Discharging
SCL323	57	'43432690_/_/4034651_1'		2.7	3.33	3.33	0.512	0.7	3.33	0.55 No	0.512 Thermal Discharging
SCL323	58	'4034680_/_/4034697'		8.1	10	10	1.544	10	10	1.66 No	1.544 Thermal Discharging
SCL323	59	'43432738_/_/4042051_2'		8	10	10	1.544	2.3	10	1.67 No	1.544 Thermal Discharging
SCL323	60	'4034820_/_/7195817'		6.9	10	10	1.544	10	10	1.66 No	1.544 Thermal Discharging
SCL323	61	'157010199_/_/4034817_2'		6.9	10	10	1.544	10	10	1.66 No	1.544 Thermal Discharging
SCL323	62	'43432714_/_/4034677'		8.1	10	10	1.544	10	10	1.66 No	1.544 Thermal Discharging
SCL323	63	'43433718_/_/4034487'		6.7	10	10	1.544	10	10	1.66 No	1.544 Thermal Discharging
SCL323	64	'43432787_/_/4030266'		2.73	3.33	3.33	0.512	1.2	3.33	0.56 No	0.512 Thermal Discharging
SCL323	65	'4034456_/_/4034470'		6.7	10	10	1.544	10	10	1.66 No	1.544 Thermal Discharging
SCL323	66	'43432984_/_/43432716'		8.1	10	10	1.544	10	10	1.66 No	1.544 Thermal Discharging
SCL323	67	'49196487_/_/4034453_2'		6.6	10	10	1.544	10	10	1.66 No	1.544 Thermal Discharging
SCL323	68	'4033897_/_/4034453_1'		6.6	10	10	1.544	10	10	1.66 No	1.544 Thermal Discharging
SCL323	69	'4029975_/_/4030010'		8.1	10	10	1.544	10	10	1.66 No	1.544 Thermal Discharging
SCL323	70	'43432957_/_/43432959'		8.1	10	10	1.544	2.4	10	1.66 No	1.544 Thermal Discharging
SCL323	71	'5369935012_/_/5369935016'		6.5	10	10	1.544	10	10	1.66 No	1.544 Thermal Discharging
SCL323	72	'44079233_/_/44079235'		8.1	10	10	1.544	10	10	1.66 No	1.544 Thermal Discharging
SCL323	73	'40509435_/_/49482424'		2.7	3.33	3.33	0.512	3.33	3.33	0.55 No	0.512 Thermal Discharging
SCL323	74	'43432557_/_/43432559'		6.4	10	10	1.544	10	10	1.66 No	1.544 Thermal Discharging
SCL323	75	'49241048_/_/49241024_2'		8.1	10	10	1.544	10	10	1.66 No	1.544 Thermal Discharging
SCL323	76	'49196646_/_/49196615_2'		2.2	3.33	3.33	0.512	3.33	3.33	0.55 No	0.512 Thermal Discharging
SCL323	77	'4037326_/_/4037340'		8.1	10	10	1.544	10	10	1.66 No	1.544 Thermal Discharging
SCL323	78	'52979655_/_/43432495'		6.9	10	10	1.544	10	10	1.66 No	1.544 Thermal Discharging
SCL323	79	'43432727_/_/43432692'		2.7	3.33	3.33	0.512	0.7	3.33	0.55 No	0.512 Thermal Discharging
SCL323	80	'4034167_/_/4034181'		6.3	10	10	1.544	10	10	1.66 No	1.544 Thermal Discharging
SCL323	81	'49241063_/_/4037323_2'		8.1	10	10	1.544	10	10	1.66 No	1.544 Thermal Discharging
SCL323	82	'4029912_/_/4037323_1'		8.1	10	10	1.544	10	10	1.66 No	1.544 Thermal Discharging
SCL323	83	'55706388_/_/49241024_1'		8.1	10	10	1.544	2.3	10	1.66 No	1.544 Thermal Discharging
SCL323	84	'7195436_/_/7195854_1'		6.9	10	10	1.544	10	10	1.66 No	1.544 Thermal Discharging
SCL323	85	'43432581_/_/43432583'		6.3	10	10	1.544	10	10	1.66 No	1.544 Thermal Discharging
SCL323	86	'4041992_/_/43432789'		2.73	3.33	3.33	0.512	1.2	3.33	0.56 No	0.512 Thermal Discharging
SCL323	87	'61697566_/_/43433010_2'		2.7	3.33	3.33	0.512	2.9	3.33	0.55 No	0.512 Thermal Discharging
SCL323	88	'43432752_/_/43432740'		8.1	10	10	1.544	2.3	10	1.67 No	1.544 Thermal Discharging
SCL323	89	'4029911_/_/4029909'		8.1	10	10	1.544	10	10	1.66 No	1.544 Thermal Discharging
SCL323	90	'4033818_/_/4033924'		6.2	10	10	1.544	10	10	1.66 No	1.544 Thermal Discharging
SCL323	91	'4034803_/_/4034817_1'		6.9	10	10	1.544	3.8	10	1.66 No	1.544 Thermal Discharging
SCL323	92	'49241075_/_/4037450_1'		2.7	3.33	3.33	0.512	0.7	3.33	0.55 No	0.512 Thermal Discharging
SCL323	93	'157345363_/_/4034944_1'		2.3	3.33	3.33	0.512	0.7	3.33	0.55 No	0.512 Thermal Discharging
SCL323	94	'4034802_/_/4034800'		6.9	10	10	1.544	3.8	10	1.66 No	1.544 Thermal Discharging
SCL323	95	'4033602_/_/4033815'		6.2	10	10	1.544	10	10	1.66 No	1.544 Thermal Discharging
SCL323	96	'8245783_/_/8557554_2'		8.1	10	10	1.544	2.3	10	1.66 No	1.544 Thermal Discharging
SCL323	97	'43433828_/_/4029926'		8.1	10	10	1.544	10	10	1.65 No	1.544 Thermal Discharging
SCL323	98	'4034258_/_/157345289'		6.3	10	10	1.544	10	10	1.66 No	1.544 Thermal Discharging
SCL323	99	'4034907_/_/4034905'		6.9	10	10	1.544	3.8	10	1.66 No	1.544 Thermal Discharging
SCL323	100	'4033572_/_/4033599'		6.1	10	10	1.544	10	10	1.66 No	1.544 Thermal Discharging
SCL323	101	'151594294_/_/4037287'		8.1	10	10	1.544	2.3	10	1.66 No	1.544 Thermal Discharging
SCL323	102	'157690189_/_/43432633_1'		6.3	10	10	1.544	4.7	10	1.66 No	1.544 Thermal Discharging
SCL323	103	'49196618_/_/49196615_1'		2.2	3.33	3.33	0.512	1.2	3.33	0.55 No	0.512 Thermal Discharging
SCL323	104	'43432456_/_/43432458'		6	10	10	1.544	10	10	1.66 No	1.544 Thermal Discharging
SCL323	105	'43432824_/_/4034944_2'		2.3	3.33	3.33	0.512				

Feeder Name	Feeder ID	Node	Primary Over- Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SCL323	115	'4035681_/4036172'		5.9	10	10	1.544	10	10	1.65 No	1.544 Thermal Discharging
SCL323	116	'43432629_/43432633_2'		6.4	10	10	1.544	4.7	10	1.66 No	1.544 Thermal Discharging
SCL323	117	'44058062_/44058064'		6.9	10	10	1.544	3.8	10	1.66 No	1.544 Thermal Discharging
SCL323	118	'4034523_/4034521'		6.9	10	10	1.544	3.8	10	1.66 No	1.544 Thermal Discharging
SCL323	119	'4035822_/4035836'		5.9	10	10	1.544	10	10	1.65 No	1.544 Thermal Discharging
SCL323	120	'43433045_/43433047'		8.1	10	10	1.544	2.4	10	1.66 No	1.544 Thermal Discharging
SCL323	121	'7195857_/7195854_2'		6.9	10	10	1.544	10	10	1.66 No	1.544 Thermal Discharging
SCL323	122	'4035715_/4035713'		5.9	10	10	1.544	10	10	1.65 No	1.544 Thermal Discharging
SCL323	123	'257347643_/43433171_2'		5.9	10	10	1.544	10	10	1.65 No	1.544 Thermal Discharging
SCL323	124	'4035699_/4035696'		5.9	10	10	1.544	10	10	1.65 No	1.544 Thermal Discharging
SCL323	125	'157207311_/52979376_1'		6.9	10	10	1.544	10	10	1.66 No	1.544 Thermal Discharging
SCL323	126	'4035665_/4035819'		5.8	10	10	1.544	10	10	1.65 No	1.544 Thermal Discharging
SCL323	127	'43433169_/43433171_1'		5.9	10	10	1.544	3.9	10	1.65 No	1.544 Thermal Discharging
SCL323	128	'4034382_/4034561'		6.9	10	10	1.544	3.8	10	1.66 No	1.544 Thermal Discharging
SCL323	129	'4037310_/4037307'		2.7	3.33	3.33	0.512	0.77	3.33	0.55 No	0.512 Thermal Discharging
SCL323	130	'247501762_/4036075'		5.9	10	10	1.544	3.9	10	1.65 No	1.544 Thermal Discharging
SCL323	131	'4034439_/7139485'		6.9	10	10	1.544	3.8	10	1.66 No	1.544 Thermal Discharging
SCL323	132	'4036041_/4036038'		5.9	10	10	1.544	10	10	1.65 No	1.544 Thermal Discharging
SCL323	133	'4035747_/4035733'		5.8	10	10	1.544	10	10	1.65 No	1.544 Thermal Discharging
SCL323	134	'43432970_/4034380'		6.9	10	10	1.544	3.8	10	1.66 No	1.544 Thermal Discharging
SCL323	135	'49242826_/49242823'		8.1	10	10	1.544	2.4	10	1.66 No	1.544 Thermal Discharging
SCL323	136	'4034777_/4034774'		2.3	3.33	3.33	0.512	0.7	3.33	0.55 No	0.512 Thermal Discharging
SCL323	137	'4034737_/4034734'		6.9	10	10	1.544	3.8	10	1.66 No	1.544 Thermal Discharging
SCL323	138	'4035426_/255281502'		5.7	10	10	1.544	10	10	1.65 No	1.544 Thermal Discharging
SCL323	139	'43432811_/43432813'		6.9	10	10	1.544	3.8	10	1.66 No	1.544 Thermal Discharging
SCL323	140	'4032218_/4032215'		2.7	3.33	3.33	0.512	0.7	3.33	0.55 No	0.512 Thermal Discharging
SCL323	141	'522150847_/4032228'		2.7	3.33	3.33	0.512	0.7	3.33	0.55 No	0.512 Thermal Discharging
SCL323	142	'157010085_/4034754_1'		8.1	10	10	1.544	10	10	1.66 No	1.544 Thermal Discharging
SCL323	143	'76060537_/56720727_2'		5.9	10	10	1.544	10	10	1.65 No	1.544 Thermal Discharging
SCL323	144	'8557557_/8557554_1'		8.1	10	10	1.544	1.4	10	1.66 No	1.4 Element Fault
SCL323	145	'4035425_/255281559'		5.6	10	10	1.544	10	10	1.65 No	1.544 Thermal Discharging
SCL323	146	'50788482_/4034255'		6.4	10	10	1.544	4.7	10	1.66 No	1.544 Thermal Discharging
SCL323	147	'56720725_/56720727_1'		5.9	10	10	1.544	10	10	1.65 No	1.544 Thermal Discharging
SCL323	148	'4033880_/4034436'		6.9	10	10	1.544	3.8	10	1.65 No	1.544 Thermal Discharging
SCL323	149	'68196230_/4033505_2'		1.97	3.33	3.33	0.512	3.33	3.33	0.55 No	0.512 Thermal Discharging
SCL323	150	'43433195_/255281622'		5.6	10	10	1.544	10	10	1.65 No	1.544 Thermal Discharging
SCL323	151	'43432544_/43432546'		6.9	10	10	1.544	3.8	10	1.65 No	1.544 Thermal Discharging
SCL323	152	'247594031_/253882611'		5.9	10	10	1.544	3.9	10	1.65 No	1.544 Thermal Discharging
SCL323	153	'4035408_/255281663'		5.5	10	10	1.544	10	10	1.65 No	1.544 Thermal Discharging
SCL323	154	'4033723_/49196501'		2.2	3.33	3.33	0.512	1.2	3.33	0.55 No	0.512 Thermal Discharging
SCL323	155	'4035856_/4035890_1'		3.87	6.67	6.67	1.024	3.2	6.67	1.1 No	1.024 Thermal Discharging
SCL323	156	'43433182_/255281700'		5.5	10	10	1.544	10	10	1.65 No	1.544 Thermal Discharging
SCL323	157	'4037424_/4037421'		2.73	3.33	3.33	0.512	0.77	3.33	0.55 No	0.512 Thermal Discharging
SCL323	158	'4035489_/4036156'		1.97	3.33	3.33	0.512	3.33	3.33	0.55 No	0.512 Thermal Discharging
SCL323	159	'4037273_/43433010_1'		2.73	3.33	3.33	0.512	0.7	3.33	0.55 No	0.512 Thermal Discharging
SCL323	160	'43433058_/4034787'		2.3	3.33	3.33	0.512	0.7	3.33	0.55 No	0.512 Thermal Discharging
SCL323	161	'43433331_/255281727'		5.4	10	10	1.544	10	10	1.65 No	1.544 Thermal Discharging
SCL323	162	'483075499_/4037146'		5.9	10	10	1.544	10	10	1.65 No	1.544 Thermal Discharging
SCL323	163	'43433344_/4033505_1'		1.97	3.33	3.33	0.512	1.2	3.33	0.55 No	0.512 Thermal Discharging
SCL323	164	'52979388_/52979376_2'		6.9	10	10	1.544	10	10	1.66 No	1.544 Thermal Discharging
SCL323	165	'4035855_/4035890_2'		3.87	6.67	6.67	1.024	3.2	6.67	1.1 No	1.024 Thermal Discharging
SCL323	166	'4034235_/4034233'		6.4	10	10	1.544	4.7	10	1.66 No	1.544 Thermal Discharging
SCL323	167	'4029337_/255281754'		5.4	10	10	1.544	10	10	1.65 No	1.544 Thermal Discharging
SCL323	168	'49242887_/43432898'		8.1	10	10	1.544	2.4	10	1.66 No	1.544 Thermal Discharging
SCL323	169	'57545204_/57545112_2'		5.9	10	10	1.544	10	10	1.65 No	1.544 Thermal Discharging
SCL323	170	'43432594_/4034347'		6.9	10	10	1.544	3.8	10	1.66 No	1.544 Thermal Discharging
SCL323	171	'4037115_/255281791'		5.3	10	10	1.544	10	10	1.65 No	1.544 Thermal Discharging
SCL323	172	'57545135_/57545112_1'		5.9	10	10	1.544	10	10	1.65 No	1.544 Thermal Discharging
SCL323	173	'43433219_/43433221'		1.97	3.33	3.33	0.512	3.33	3.33	0.55 No	0.512 Thermal Discharging
SCL323	174	'255282702_/4037112_2'		5.3	10	10	1.544	10	10	1.65 No	1.544 Thermal Discharging
SCL323	175	'247594032_/253882645'		5.9	10	10	1.544	3.9	10	1.65 No	1.544 Thermal Discharging
SCL323	176	'271540014_/253881913'		5.2	10	10	1.544	10	10	1.64 No	1.544 Thermal Discharging
SCL323	177	'276048515_/276047797_1'		6	10	10	1.544	2.4	10	1.64 No	1.544 Thermal Discharging
SCL323	178	'43432909_/49242884'		8.1	10	10	1.544	2.4	10	1.66 No	1.544 Thermal Discharging
SCL323	179	'4034316_/4034330'		6.4	10	10	1.544	4.7	10	1.65 No	1.544 Thermal Discharging
SCL323	180	'257347591_/253882065'		5.2	10	10	1.544	10	10	1.64 No	1.544 Thermal Discharging
SCL323	181	'4033724_/4033721'		2.2	3.33	3.33	0.512	1.2	3.33	0.55 No	0.512 Thermal Discharging
SCL323	182	'4033707_/7195369'		2.2	3.33	3.33	0.512	1.2	3.33	0.55 No	0.512 Thermal Discharging
SCL323	183	'447686764_/253882169'		5.2	10	10	1.544	10	10	1.64 No	1.544 Thermal Discharging
SCL323	184	'447686806_/447686803'		5.2	10	10	1.544	10	10	1.64 No	1.544 Thermal Discharging
SCL323	185	'447686863_/447686827_1'		5.2	10	10	1.544	10	10	1.64 No	1.544 Thermal Discharging
SCL323	186	'447686855_/447686827_2'		5.2	10	10	1.544	10	10	1.64 No	1.544 Thermal Discharging
SCL323	187	'4037900_/447686766'		5.1	10	10	1.544	10	10	1.64 No	1.544 Thermal Discharging
SCL323	188	'271539977_/43433530_2'		5.2	10	10	1.544	10	10	1.64 No	1.544 Thermal Discharging
SCL323	189	'4033508_/43433346'		1.97	3.33	3.33	0.512	1.2	3.33	0.55 No	0.512 Thermal Discharging
SCL323	190	'439350122_/4033616'		1.97	3.33	3.33	0.512	1.2	3.33	0.55 No	0.512 Thermal Discharging
SCL323	191	'447686956_/447686893_1'		5.2	10	10	1.544	10	10	1.64 No	1.544 Thermal Discharging
SCL323	192	'4034366_/43433060'		2.3	3.33	3.33	0.512	0.7	3.33	0.55 No	0.512 Thermal Discharging
SCL323	193	'57545141_/57545138'		5.9	10	10	1.544	10	10	1.65 No	1.544 Thermal Discharging
SCL323	194	'253883316_/4037988_3'		5.1	10	10	1.544	10	10	1.64 No	1.544 Thermal Discharging
SCL323	195	'55624913_/253882668'		5.9	10	10	1.544	3.9	10	1.65 No	1.544 Thermal Discharging
SCL323	196	'4037248_/43432911'		2.7	3.33	3.33	0.512	0.8	3.33	0.55 No	0.512 Thermal Discharging
SCL323	197	'4033737_/4033734'		2.2	3.33	3.33	0.512	1.2	3.33	0.55 No	0.512 Thermal Discharging
SCL323	198	'253883275_/4037988_2'		5.1	10	10	1.544	3	10	1.64 No	1.544 Thermal Discharging
SCL323	199	'4037114_/4037112_1'		5.3	10	10	1.544	3.8	10	1.64 No	1.544 Thermal Discharging
SCL323	200	'276048529_/276047693_1'		5.9	10	10	1.544	2.4	10	1.65 No	1.544 Thermal Discharging
SCL323	201	'43433528_/43433530_1'		5.2	10	10	1.544	3.9	10	1.64 No	1.544 Thermal Discharging
SCL323	202	'8246042_/9187875_1'		5.3	10	10	1.544	2.4	10	1.64 No	1.544 Thermal Discharging
SCL323	203	'43433208_/43433210'		2	3.33	3.33	0.512	3.33	3.33	0.55 No	0.512 Thermal Discharging
SCL323	204	'353085701_/4035460'		2	3.33	3.33	0.512	3.33	3.33	0.55 No	0.512 Thermal Discharging
SCL323	205	'4035382_/4035380'		2	3.33	3.33	0.512	3.33	3.33	0.55 No	0.512 Thermal Discharging
SCL323	206	'9187878_/9187875_2'		5.3	10	10	1.544	2.4	10	1.64 No	1.544 Thermal Discharging
SCL323	207	'4034296_/4034313'		6.4	10	10	1.544	4.7	10	1.65 No	1.544 Thermal Discharging
SCL323	208	'4037533_/4037531'		3.53	6.67	6.67	1.024	5.9	6.67	1.1 No	1.024 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SCL323	209	'374330553_/_4037586'		5.2	10	10	1.544	3.9	10	1.64 No	1.544 Thermal Discharging
SCL323	210	'4037261_/_4037258'		2.7	3.33	3.33	0.512	0.8	3.33	0.55 No	0.512 Thermal Discharging
SCL323	211	'43432506_/_4033747'		2.2	3.33	3.33	0.512	1.2	3.33	0.55 No	0.512 Thermal Discharging
SCL323	212	'261903123_/_4037551_2'		3.53	6.67	6.67	1.024	5.9	6.67	1.1 No	1.024 Thermal Discharging
SCL323	213	'276047509_/_276047693_2'		5.9	10	10	1.544	2.4	10	1.65 No	1.544 Thermal Discharging
SCL323	214	'4037132_/_4037129'		5.3	10	10	1.544	3.8	10	1.64 No	1.544 Thermal Discharging
SCL323	215	'4034367_/_4034364'		2.3	3.33	3.33	0.512	0.7	3.33	0.55 No	0.512 Thermal Discharging
SCL323	216	'43433355_/_43433357'		2	3.33	3.33	0.512	3.33	3.33	0.55 No	0.512 Thermal Discharging
SCL323	217	'40333708_/_43432196'		2.2	3.33	3.33	0.512	1.2	3.33	0.55 No	0.512 Thermal Discharging
SCL323	218	'43432531_/_43432533'		6.4	10	10	1.544	4.7	10	1.65 No	1.544 Thermal Discharging
SCL323	219	'4037623_/_374330557'		5.2	10	10	1.544	3.9	10	1.64 No	1.544 Thermal Discharging
SCL323	220	'68987750_/_57545164_1'		6	10	10	1.544	10	10	1.65 No	1.544 Thermal Discharging
SCL323	221	'255282099_/_255281057'		6.4	10	10	1.544	4.7	10	1.65 No	1.544 Thermal Discharging
SCL323	222	'68987710_/_57545164_2'		6	10	10	1.544	10	10	1.65 No	1.544 Thermal Discharging
SCL323	223	'4037553_/_4037551_1'		3.53	6.67	6.67	1.024	2.5	6.67	1.09 No	1.024 Thermal Discharging
SCL323	224	'4033538_/_255281218'		6.4	10	10	1.544	4.7	10	1.65 No	1.544 Thermal Discharging
SCL323	225	'4033537_/_255281448'		6.4	10	10	1.544	4.7	10	1.65 No	1.544 Thermal Discharging
SCL323	226	'157690277_/_255281354_1'		5.8	10	10	1.544	10	10	1.65 No	1.544 Thermal Discharging
SCL323	227	'4033766_/_43432508'		2.2	3.33	3.33	0.512	1.2	3.33	0.55 No	0.512 Thermal Discharging
SCL323	228	'57545162_/_57545164_3'		6	10	10	1.544	10	10	1.65 No	1.544 Thermal Discharging
SCL323	229	'4033779_/_4033776'		2.2	3.33	3.33	0.512	1.2	3.33	0.55 No	0.512 Thermal Discharging
SCL323	230	'276047752_/_276047771'		6	10	10	1.544	2.4	10	1.65 No	1.544 Thermal Discharging
SCL323	231	'4034280_/_4034277'		2.23	3.33	3.33	0.512	1.2	3.33	0.55 No	0.512 Thermal Discharging
SCL323	232	'400969706_/_447686893_2'		5.2	10	10	1.544	10	10	1.64 No	1.544 Thermal Discharging
SCL323	233	'400969387_/_448239752'		5.2	10	10	1.544	10	10	1.64 No	1.544 Thermal Discharging
SCL323	234	'400969688_/_448239728'		5.2	10	10	1.544	10	10	1.64 No	1.544 Thermal Discharging
SCL323	235	'400969694_/_448239736'		5.2	10	10	1.544	10	10	1.64 No	1.544 Thermal Discharging
SCL323	236	'400969700_/_448239744'		5.2	10	10	1.544	10	10	1.64 No	1.544 Thermal Discharging
SCL323	237	'324557529_/_324557534'		5.2	10	10	1.544	10	10	1.64 No	1.544 Thermal Discharging
SCL323	238	'324955413_/_324955418'		5.2	10	10	1.544	10	10	1.64 No	1.544 Thermal Discharging
SCL323	239	'7930851_/_324557666'		5.2	10	10	1.544	10	10	1.64 No	1.544 Thermal Discharging
SCL323	240	'7294317_/_7294315'		5.2	10	10	1.544	10	10	1.64 No	1.544 Thermal Discharging
SCL323	241	'40364995_/_483075540_2'		2.2	3.33	3.33	0.512	0.5	3.33	0.51 No	0.5 Element Fault
SCL323	242	'483075488_/_483075540_1'		2.2	3.33	3.33	0.512	0.5	3.33	0.51 No	0.5 Element Fault
SCL323	243	'7609610_/_8246200'		5.2	10	10	1.544	10	10	1.64 No	1.544 Thermal Discharging
SCL323	244	'483075577_/_483075551_2'		2.2	3.33	3.33	0.512	3.33	3.33	0.51 No	0.51 Unintentional Islanding
SCL323	245	'483075526_/_483075551_1'		2.2	3.33	3.33	0.512	0.6	3.33	0.51 No	0.51 Unintentional Islanding
SCL323	246	'324557573_/_324557685'		5.2	10	10	1.544	10	10	1.63 No	1.544 Thermal Discharging
SCL323	247	'483075689_/_483075589_1'		2.2	3.33	3.33	0.512	0.5	3.33	0.51 No	0.5 Element Fault
SCL323	248	'483075532_/_483075589_2'		2.2	3.33	3.33	0.512	0.5	3.33	0.51 No	0.5 Element Fault
SCL323	249	'7609609_/_7609607'		5.2	10	10	1.544	10	10	1.63 No	1.544 Thermal Discharging
SCL323	250	'483075354_/_4037227'		6.4	10	10	1.544	4.7	10	1.65 No	1.544 Thermal Discharging
SCL323	251	'7609569_/_8246160'		5.2	10	10	1.544	10	10	1.63 No	1.544 Thermal Discharging
SCL323	252	'7609550_/_7609567'		5.2	10	10	1.544	10	10	1.63 No	1.544 Thermal Discharging
SCL323	253	'7609549_/_7609547'		5.2	10	10	1.544	10	10	1.63 No	1.544 Thermal Discharging
SCL323	254	'8246143_/_7930928'		5.2	10	10	1.544	10	10	1.63 No	1.544 Thermal Discharging
SCL323	255	'87413848_/_8872319'		5.2	10	10	1.544	10	10	1.63 No	1.544 Thermal Discharging
SCL323	256	'87413890_/_87413901'		5.2	10	10	1.544	10	10	1.63 No	1.544 Thermal Discharging
SCL323	257	'106190460_/_106190521'		5.2	10	10	1.544	10	10	1.63 No	1.544 Thermal Discharging
SCL323	258	'91698441_/_106190503'		5.2	10	10	1.544	10	10	1.63 No	1.544 Thermal Discharging
SCL323	259	'7609530_/_8246140'		5.2	10	10	1.544	10	10	1.63 No	1.544 Thermal Discharging
SCL323	260	'8545117_/_106190477'		5.2	10	10	1.544	10	10	1.63 No	1.544 Thermal Discharging
SCL323	261	'8545116_/_91698446_1'		5.2	10	10	1.544	10	10	1.63 No	1.544 Thermal Discharging
SCL323	262	'7609529_/_7609527'		5.2	10	10	1.544	10	10	1.63 No	1.544 Thermal Discharging
SCL323	263	'8246402_/_8246400'		5.2	10	10	1.544	10	10	1.63 No	1.544 Thermal Discharging
SCL323	264	'7609590_/_9187975'		5.2	10	10	1.544	10	10	1.63 No	1.544 Thermal Discharging
SCL323	265	'115663185_/_115663328'		5.2	10	10	1.544	10	10	1.63 No	1.544 Thermal Discharging
SCL323	266	'316977793_/_115663190'		5.2	10	10	1.544	10	10	1.63 No	1.544 Thermal Discharging
SCL323	267	'316977858_/_316977895'		5.2	10	10	1.544	10	10	1.63 No	1.544 Thermal Discharging
SCL323	268	'316977751_/_316977855'		5.2	10	10	1.544	10	10	1.63 No	1.544 Thermal Discharging
SCL323	269	'7930731_/_316977756'		5.2	10	10	1.544	10	10	1.63 No	1.544 Thermal Discharging
SCL323	270	'401016991_/_7930728'		5.2	10	10	1.544	10	10	1.63 No	1.544 Thermal Discharging
SCL323	271	'401016782_/_37747287'		5.2	10	10	1.544	10	10	1.63 No	1.544 Thermal Discharging
SCL323	272	'401017003_/_37747301'		5.2	10	10	1.544	3.9	10	1.63 No	1.544 Thermal Discharging
SCL323	273	'401016997_/_37747294'		5.2	10	10	1.544	3.9	10	1.63 No	1.544 Thermal Discharging
SCL323	274	'401016985_/_37747280'		5.2	10	10	1.544	10	10	1.63 No	1.544 Thermal Discharging
SCL323	275	'345910459_/_8545034'		5.2	10	10	1.544	3.9	10	1.63 No	1.544 Thermal Discharging
SCL323	276	'8246082_/_8246080'		5.2	10	10	1.544	10	10	1.63 No	1.544 Thermal Discharging
SCL323	277	'345910435_/_345910457'		5.2	10	10	1.544	3.9	10	1.63 No	1.544 Thermal Discharging
SCL323	278	'8545056_/_8545054'		5.2	10	10	1.544	3.9	10	1.63 No	1.544 Thermal Discharging
SCL323	279	'346262051_/_8872279'		5.2	10	10	1.544	10	10	1.62 No	1.544 Thermal Discharging
SCL323	280	'483075386_/_483075399_2'		2.4	3.33	3.33	0.512	1.2	3.33	0.51 No	0.51 Unintentional Islanding
SCL323	281	'4029945_/_483075388_2'		2.4	3.33	3.33	0.512	1.3	3.33	0.51 No	0.51 Unintentional Islanding
SCL323	282	'483075422_/_483075399_1'		2.4	3.33	3.33	0.512	1.2	3.33	0.51 No	0.51 Unintentional Islanding
SCL323	283	'7294177_/_346262135'		5.2	10	10	1.544	10	10	1.62 No	1.544 Thermal Discharging
SCL323	284	'4037215_/_483075388_1'		2.4	3.33	3.33	0.512	1.3	3.33	0.51 No	0.51 Unintentional Islanding
SCL323	285	'7930711_/_340244992'		5.2	10	10	1.544	10	10	1.62 No	1.544 Thermal Discharging
SCL323	286	'8544937_/_8545074'		5.2	10	10	1.544	3.9	10	1.62 No	1.544 Thermal Discharging
SCL323	287	'345910498_/_345910512'		5.2	10	10	1.544	3.9	10	1.62 No	1.544 Thermal Discharging
SCL323	288	'8545017_/_8545014'		5.2	10	10	1.544	10	10	1.62 No	1.544 Thermal Discharging
SCL323	289	'9187937_/_9187935'		5.2	10	10	1.544	10	10	1.62 No	1.544 Thermal Discharging
SCL323	290	'7294158_/_8872259'		5.2	10	10	1.544	3.9	10	1.62 No	1.544 Thermal Discharging
SCL323	291	'7609229_/_8872299'		5.2	10	10	1.544	10	10	1.62 No	1.544 Thermal Discharging
SCL323	292	'8544917_/_8544934'		5.2	10	10	1.544	3.9	10	1.62 No	1.544 Thermal Discharging
SCL323	293	'8544916_/_8544914'		5.2	10	10	1.544	3.9	10	1.62 No	1.544 Thermal Discharging
SCL323	294	'7294157_/_7294155'		5.2	10	10	1.544	3.9	10	1.62 No	1.544 Thermal Discharging
SCL323	295	'7609230_/_7609227'		5.2	10	10	1.544	10	10	1.62 No	1.544 Thermal Discharging
SCL323	296	'8246123_/_8544954'		5.2	10	10	1.544	3.9	10	1.62 No	1.544 Thermal Discharging
SCL323	297	'7609250_/_7609247'		5.2	10	10	1.544	10	10	1.62 No	1.544 Thermal Discharging
SCL323	298	'7293818_/_243557480'		5.2	10	10	1.544	10	10	1.62 No	1.544 Thermal Discharging
SCL323	299	'7294238_/_8246120'		5.2	10	10	1.544	3.9	10	1.62 No	1.544 Thermal Discharging
SCL323	300	'7294237_/_7294235'		5.2	10	10	1.544	3.9	10	1.62 No	1.544 Thermal Discharging
SCL323	301	'8545096_/_9503314'		5.2	10	10	1.544	10	10	1.62 No	1.544 Thermal Discharging
SCL323	302	'7816682_/_9187895'		5.2	10	10	1.544	3.9	10	1.62 No	1.544 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SCL323	303	'7294218_/7930768'		5.2	10	10	1.544	3.9	10	1.62 No	1.544 Thermal Discharging
SCL323	304	'7609490_/8545094'		5.2	10	10	1.544	10	10	1.62 No	1.544 Thermal Discharging
SCL323	305	'243544168_/7293815'		5.2	10	10	1.544	10	10	1.62 No	1.544 Thermal Discharging
SCL323	306	'7294217_/7294215'		5.2	10	10	1.544	3.9	10	1.62 No	1.544 Thermal Discharging
SCL323	307	'4042185_/7816679'		5.1	10	10	1.544	3.9	10	1.62 No	1.544 Thermal Discharging
SCL323	308	'150238161_/4042182_2'		5.1	10	10	1.544	3.9	10	1.62 No	1.544 Thermal Discharging
SCL323	309	'8246103_/9503294'		5.2	10	10	1.544	3.9	10	1.62 No	1.544 Thermal Discharging
SCL323	310	'243544213_/243544232'		5.2	10	10	1.544	10	10	1.62 No	1.544 Thermal Discharging
SCL323	311	'8130664_/8246100'		5.2	10	10	1.544	3.9	10	1.62 No	1.544 Thermal Discharging
SCL323	312	'4042168_/4042182_1'		5	10	10	1.544	3.9	10	1.62 No	1.544 Thermal Discharging
SCL323	313	'8872221_/8130661_1'		5.2	10	10	1.544	3.9	10	1.62 No	1.544 Thermal Discharging
SCL323	314	'4042114_/8130661_2'		5.2	10	10	1.544	3.9	10	1.62 No	1.544 Thermal Discharging
SCL323	315	'243544272_/243544286'		5.2	10	10	1.544	10	10	1.62 No	1.544 Thermal Discharging
SCL323	316	'9187398_/7609487'		5.2	10	10	1.544	10	10	1.62 No	1.544 Thermal Discharging
SCL323	317	'43433104_/4042111'		5.2	10	10	1.544	3.9	10	1.62 No	1.544 Thermal Discharging
SCL323	318	'7293817_/243544173'		5.2	10	10	1.544	10	10	1.62 No	1.544 Thermal Discharging
SCL323	319	'4042202_/4042199'		5.2	10	10	1.544	3.9	10	1.62 No	1.544 Thermal Discharging
SCL323	320	'7930205_/9187395'		5.2	10	10	1.544	10	10	1.62 No	1.544 Thermal Discharging
SCL323	321	'7930751_/9503106'		5.2	10	10	1.544	10	10	1.62 No	1.544 Thermal Discharging
SCL323	322	'7930204_/7930202'		5.2	10	10	1.544	10	10	1.62 No	1.544 Thermal Discharging
SCL323	323	'43433091_/43433106'		5.2	10	10	1.544	3.9	10	1.62 No	1.544 Thermal Discharging
SCL323	324	'8871742_/8871739'		5.2	10	10	1.544	10	10	1.62 No	1.544 Thermal Discharging
SCL323	325	'345910602_/345910608'		5.2	10	10	1.544	10	10	1.62 No	1.544 Thermal Discharging
SCL323	326	'9187377_/9187375'		5.2	10	10	1.544	10	10	1.62 No	1.544 Thermal Discharging
SCL323	327	'7609510_/346261896'		5.2	10	10	1.544	10	10	1.61 No	1.544 Thermal Discharging
SCL323	328	'7930262_/9187475'		5.2	10	10	1.544	10	10	1.61 No	1.544 Thermal Discharging
SCL323	329	'7930263_/7930260'		5.2	10	10	1.544	10	10	1.61 No	1.544 Thermal Discharging
SCL323	330	'7609509_/7609507'		5.2	10	10	1.544	10	10	1.61 No	1.544 Thermal Discharging
SCL323	331	'7930244_/7930242'	3.47		6.67	6.67	1.024	2.73	6.67	1.08 No	1.024 Thermal Discharging
SCL323	332	'401000954_/8245512'		5.2	10	10	1.544	10	10	1.61 No	1.544 Thermal Discharging
SCL323	333	'401000438_/37747070'		5.2	10	10	1.544	10	10	1.61 No	1.544 Thermal Discharging
SCL323	334	'401000960_/37747077'		5.2	10	10	1.544	4.1	10	1.61 No	1.544 Thermal Discharging
SCL323	335	'401000942_/401001089'		5.2	10	10	1.544	10	10	1.61 No	1.544 Thermal Discharging
SCL323	336	'7930245_/9187435'		5.2	10	10	1.544	4.1	10	1.61 No	1.544 Thermal Discharging
SCL323	337	'4042222_/9503254_1'		5.2	10	10	1.544	3.9	10	1.61 No	1.544 Thermal Discharging
SCL323	338	'8245495_/9187415'		5.2	10	10	1.544	4.1	10	1.61 No	1.544 Thermal Discharging
SCL323	339	'8557139_/9502658'		5.2	10	10	1.544	10	10	1.61 No	1.544 Thermal Discharging
SCL323	340	'7609018_/8245492'		5.2	10	10	1.544	4.1	10	1.61 No	1.544 Thermal Discharging
SCL323	341	'7609017_/7609015'		5.2	10	10	1.544	4.1	10	1.61 No	1.544 Thermal Discharging
SCL323	342	'8557118_/8557116'		5.2	10	10	1.544	4.1	10	1.61 No	1.544 Thermal Discharging
SCL323	343	'8871721_/8871719'		5.2	10	10	1.544	4.1	10	1.61 No	1.544 Thermal Discharging
SCL323	344	'8245710_/8557136'		5.2	10	10	1.544	10	10	1.61 No	1.544 Thermal Discharging
SCL323	345	'8557098_/8871759'		5.2	10	10	1.544	4.1	10	1.61 No	1.544 Thermal Discharging
SCL323	346	'7930225_/8557096'		5.2	10	10	1.544	4.1	10	1.61 No	1.544 Thermal Discharging
SCL323	347	'7930224_/7930222'		5.2	10	10	1.544	4.1	10	1.61 No	1.544 Thermal Discharging
SCL323	348	'7293414_/9187455'		5.2	10	10	1.544	4.1	10	1.61 No	1.544 Thermal Discharging
SCL323	349	'8245590_/8245708'		5.2	10	10	1.544	10	10	1.61 No	1.544 Thermal Discharging
SCL323	350	'7609077_/8245588'		5.2	10	10	1.544	10	10	1.61 No	1.544 Thermal Discharging
SCL323	351	'7293413_/7293411'		5.2	10	10	1.544	4.1	10	1.61 No	1.544 Thermal Discharging
SCL323	352	'7609078_/7609075'		5.2	10	10	1.544	10	10	1.61 No	1.544 Thermal Discharging
SCL323	353	'7930371_/7930368'		5.2	10	10	1.544	10	10	1.61 No	1.544 Thermal Discharging
SCL323	354	'462434843_/9187495'		5.2	10	10	1.544	4.1	10	1.61 No	1.544 Thermal Discharging
SCL323	355	'8245571_/8245568'		5.2	10	10	1.544	10	10	1.61 No	1.544 Thermal Discharging
SCL323	356	'9187358_/7293391'		5.2	10	10	1.544	4.1	10	1.61 No	1.544 Thermal Discharging
SCL323	357	'50460026_/452713425'		5.2	10	10	1.544	4.1	10	1.61 No	1.544 Thermal Discharging
SCL323	358	'7608977_/50460054'		5.2	10	10	1.544	4.1	10	1.6 No	1.544 Thermal Discharging
SCL323	359	'456719136_/7293371'		5.2	10	10	1.544	4.1	10	1.6 No	1.544 Thermal Discharging
SCL323	360	'7930351_/8557252'		5.2	10	10	1.544	10	10	1.6 No	1.544 Thermal Discharging
SCL323	361	'7930350_/7930348'		5.2	10	10	1.544	10	10	1.6 No	1.544 Thermal Discharging
SCL323	362	'7930466_/9187555'		5.2	10	10	1.544	10	10	1.6 No	1.544 Thermal Discharging
SCL323	363	'454590148_/7608995_2'		5.2	10	10	1.544	4.1	10	1.6 No	1.544 Thermal Discharging
SCL323	364	'43420381_/7608995_1'		5.2	10	10	1.544	4.1	10	1.6 No	1.544 Thermal Discharging
SCL323	365	'4026981_/43420396'		5.2	10	10	1.544	4.1	10	1.6 No	1.544 Thermal Discharging
SCL323	366	'456718894_/456718952'		5.2	10	10	1.544	4.1	10	1.6 No	1.544 Thermal Discharging
SCL323	367	'461855254_/456718891_1'		5.2	10	10	1.544	4.1	10	1.6 No	1.544 Thermal Discharging
SCL323	368	'8245475_/456718891_2'		5.2	10	10	1.544	4.1	10	1.6 No	1.544 Thermal Discharging
SCL323	369	'7608938_/8245472'		5.2	10	10	1.544	4.1	10	1.6 No	1.544 Thermal Discharging
SCL323	370	'483075786_/483075730_2'	1.7		3.33	3.33	0.512	1.3	3.33	0.5 No	0.5 Unintentional Islanding
SCL323	371	'7608937_/7608935'		5.2	10	10	1.544	4.1	10	1.6 No	1.544 Thermal Discharging
SCL323	372	'483075767_/149884944_2'	1.27		3.33	3.33	0.512	1.3	3.33	0.5 No	0.5 Unintentional Islanding
SCL323	373	'149827917_/4042165_1'	1.3		3.33	3.33	0.512	1.3	3.33	0.5 No	0.5 Unintentional Islanding
SCL323	374	'150133467_/4042165_2'	1.3		3.33	3.33	0.512	1.3	3.33	0.5 No	0.5 Unintentional Islanding
SCL323	375	'483075726_/483075730_1'	1.7		3.33	3.33	0.512	1.3	3.33	0.5 No	0.5 Unintentional Islanding
SCL323	376	'7608958_/9502618'		5.2	10	10	1.544	4.1	10	1.6 No	1.544 Thermal Discharging
SCL323	377	'483075704_/149884944_1'	1.27		3.33	3.33	0.512	1.3	3.33	0.5 No	0.5 Unintentional Islanding
SCL323	378	'7608957_/8245452_2'		5.2	10	10	1.544	4.1	10	1.6 No	1.544 Thermal Discharging
SCL323	379	'451134519_/7930464'		5.2	10	10	1.544	10	10	1.6 No	1.544 Thermal Discharging
SCL323	380	'8245895_/9503090'	1.83		3.33	3.33	0.512	3.33	3.33	0.5 No	0.5 Unintentional Islanding
SCL323	381	'8245894_/8245892'	1.83		3.33	3.33	0.512	3.33	3.33	0.5 No	0.5 Unintentional Islanding
SCL323	382	'7930302_/8557156'	1.67		3.33	3.33	0.512	1.37	3.33	0.5 No	0.5 Unintentional Islanding
SCL323	383	'375587113_/4035870_2'	0.37		1.27	3.33	0.512	0.3	1.55	0.42 No	0.3 Element Fault
SCL323	384	'4035645_/4035870_1'	0.33		1.17	3.33	0.512	0.3	1.47	0.42 No	0.3 Element Fault
SCL323	385	'483075614_/4037163_1'	0.23		1.07	3.33	0.512	0.3	1.14	0.42 No	0.23 Primary Over-Voltage
SCL323	386	'483075520_/4037163_2'	0.23		1.03	3.33	0.512	0.3	1.14	0.42 No	0.23 Primary Over-Voltage
SCL323	387	'483075668_/483075625_1'	0.27		1.03	3.33	0.512	0.3	1.13	0.42 No	0.27 Primary Over-Voltage
SCL323	388	'483075645_/44058124_1'	0.23		1.03	3.33	0.512	0.3	1.12	0.42 No	0.23 Primary Over-Voltage
SCL323	389	'483075462_/483075445_2'	0.23		1	3.33	0.512	0.3	1.12	0.42 No	0.23 Primary Over-Voltage
SCL323	390	'483075360_/483075434_1'	0.23		1	3.33	0.512	0.3	1.12	0.42 No	0.23 Primary Over-Voltage
SCL323	391	'483075371_/483075434_2'	0.23		0.97	3.33	0.512	0.3	1.12	0.42 No	0.23 Primary Over-Voltage
SCL323	392	'4029495_/4036139'	0.7		2.9	10	1.544	0.9	3.26	1.26 No	0.7 Primary Over-Voltage
SCL323	393	'155095209_/483075826_2'	0.17		0.93	3.33	0.512	0.3	1.08	0.42 No	0.17 Primary Over-Voltage
SCL323	394	'483075754_/483075826_1'	0.17		0.87	3.33	0.512	0.3	1.08	0.42 No	0.17 Primary Over-Voltage
SCL323	395	'483075899_/483075874_2'	0.23		0.9	3.33	0.512	0.3	1.06	0.42 No	0.23 Primary Over-Voltage
SCL323	396	'483075862_/483075843_2'	0.17		0.87	3.33	0.512	0.3	1.04	0.42 No	0.17 Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Voltage Over- Deviation	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SCL323	397	'4035515_/_4035642'		0.23	0.77	3.33	0.512	0.3	1.1	0.42	No 0.23 Primary Over-Voltage
SCL323	398	'4035593_/_4035603'		0.23	0.77	3.33	0.512	0.3	1.09	0.42	No 0.23 Primary Over-Voltage
SCL323	399	'43433392_/_43433394'		0.6	2.4	10	1.544	0.9	2.95	1.26	No 0.6 Primary Over-Voltage
SCL323	400	'4038160_/_149827893'		0.4	2.3	10	1.544	0.9	2.95	1.26	No 0.4 Primary Over-Voltage
SCL323	401	'43433230_/_43433232'		0.2	0.7	3.33	0.512	0.3	1.01	0.42	No 0.2 Primary Over-Voltage
SCL323	402	'253883094_/_4037988_1'		0.2	2.1	10	1.544	0.7	2.67	1.26	No 0.2 Primary Over-Voltage
SCL323	403	'50390352_/_50390354'		0.4	2.1	10	1.544	0.9	2.78	1.26	No 0.4 Primary Over-Voltage
SCL323	404	'43433418_/_43433420'		0.5	2.1	10	1.544	0.9	2.71	1.26	No 0.5 Primary Over-Voltage
SCL323	405	'4033588_/_4035806'		0.2	0.63	3.33	0.512	0.3	0.95	0.42	No 0.2 Primary Over-Voltage
SCL323	406	'265230839_/_253883162_1'		0.2	2.1	10	1.544	0.7	2.62	1.26	No 0.2 Primary Over-Voltage
SCL323	407	'50390436_/_50390410_1'		0.4	2	10	1.544	0.4	2.74	1.26	No 0.4 Primary Over-Voltage
SCL323	408	'4029528_/_4035953'		0.5	2	10	1.544	0.9	2.6	1.26	No 0.5 Primary Over-Voltage
SCL323	409	'4035567_/_4035577'		0.2	0.6	3.33	0.512	0.3	0.91	0.42	No 0.2 Primary Over-Voltage
SCL323	410	'4038126_/_4038157'		0.4	1.9	10	1.544	0.9	2.63	1.26	No 0.4 Primary Over-Voltage
SCL323	411	'253883423_/_253883162_2'		0.2	1.9	10	1.544	0.7	2.51	1.26	No 0.2 Primary Over-Voltage
SCL323	412	'50390403_/_50390410_2'		0.4	1.9	10	1.544	0.4	2.58	1.26	No 0.4 Primary Over-Voltage
SCL323	413	'253883485_/_253883438_1'		0.2	1.9	10	1.544	0.4	2.47	1.26	No 0.2 Primary Over-Voltage
SCL323	414	'4033589_/_4033586'		0.17	0.6	3.33	0.512	0.3	0.87	0.42	No 0.17 Primary Over-Voltage
SCL323	415	'230543069_/_4038191_1'		0.4	1.8	10	1.544	0.9	2.55	1.26	No 0.4 Primary Over-Voltage
SCL323	416	'157207257_/_4029552_1'		0.4	1.8	10	1.544	0.4	2.47	1.26	No 0.4 Primary Over-Voltage
SCL323	417	'4038251_/_4038263'		0.3	1.8	10	1.544	0.9	2.51	1.26	No 0.3 Primary Over-Voltage
SCL323	418	'253883357_/_253883438_2'		0.2	1.8	10	1.544	0.4	2.4	1.26	No 0.2 Primary Over-Voltage
SCL323	419	'4037714_/_253883103'		0.2	1.8	10	1.544	0.7	2.38	1.26	No 0.2 Primary Over-Voltage
SCL323	420	'265231026_/_253883602_2'		0.2	1.8	10	1.544	0.7	2.37	1.26	No 0.2 Primary Over-Voltage
SCL323	421	'4035365_/_4035936'		0.4	1.8	10	1.544	0.9	2.39	1.26	No 0.4 Primary Over-Voltage
SCL323	422	'4035554_/_4035564'		0.17	0.57	3.33	0.512	0.3	0.83	0.42	No 0.17 Primary Over-Voltage
SCL323	423	'247482880_/_253883602_1'		0.2	1.6	10	1.544	0.4	2.25	1.26	No 0.2 Primary Over-Voltage
SCL323	424	'4035501_/_4035512'		0.17	0.5	3.33	0.512	0.3	0.79	0.42	No 0.17 Primary Over-Voltage
SCL323	425	'7930655_/_253883385'		0.2	1.6	10	1.544	0.4	2.22	1.26	No 0.2 Primary Over-Voltage
SCL323	426	'4038250_/_4038248'		0.27	1.07	6.67	1.024	0.6	1.52	0.84	No 0.27 Primary Over-Voltage
SCL323	427	'43433431_/_4029552_2'		0.4	1.6	10	1.544	0.4	2.21	1.26	No 0.4 Primary Over-Voltage
SCL323	428	'4037715_/_4037712'		0.1	1.5	10	1.544	0.7	2.14	1.26	No 0.1 Primary Over-Voltage
SCL323	429	'4035366_/_4035363'		0.4	1.5	10	1.544	0.9	2.15	1.26	No 0.4 Primary Over-Voltage
SCL323	430	'247482949_/_253883615'		0.2	1.5	10	1.544	0.4	2.11	1.26	No 0.2 Primary Over-Voltage
SCL323	431	'43433130_/_4038191_2'		0.3	1.5	10	1.544	0.9	2.18	1.26	No 0.3 Primary Over-Voltage
SCL323	432	'4035541_/_4035551'		0.13	0.47	3.33	0.512	0.3	0.73	0.42	No 0.13 Primary Over-Voltage
SCL323	433	'4029529_/_4029526'		0.13	0.5	3.33	0.512	0.3	0.66	0.42	No 0.13 Primary Over-Voltage
SCL323	434	'43433117_/_43433132'		0.3	1.4	10	1.544	0.9	2.05	1.26	No 0.3 Primary Over-Voltage
SCL323	435	'4038211_/_9641043_1'		0.3	1.3	10	1.544	0.9	2.03	1.26	No 0.3 Primary Over-Voltage
SCL323	436	'247482968_/_265229860'		0.2	1.3	10	1.544	0.4	1.96	1.26	No 0.2 Primary Over-Voltage
SCL323	437	'4029477_/_4029569'		0.3	1.3	10	1.544	0.4	1.95	1.26	No 0.3 Primary Over-Voltage
SCL323	438	'43433243_/_43433243'		0.13	0.43	3.33	0.512	0.3	0.66	0.42	No 0.13 Primary Over-Voltage
SCL323	439	'4033665_/_4036274'		0.13	0.4	3.33	0.512	0.3	0.66	0.42	No 0.13 Primary Over-Voltage
SCL323	440	'4037854_/_557301150'		0.2	1.3	10	1.544	0.4	1.88	1.26	No 0.2 Primary Over-Voltage
SCL323	441	'436586708_/_436586716'		0.13	0.4	3.33	0.512	0.3	0.66	0.42	No 0.13 Primary Over-Voltage
SCL323	442	'436586686_/_436586694'		0.13	0.4	3.33	0.512	0.3	0.66	0.42	No 0.13 Primary Over-Voltage
SCL323	443	'4036303_/_4036313'		0.13	0.4	3.33	0.512	0.3	0.65	0.42	No 0.13 Primary Over-Voltage
SCL323	444	'4036251_/_4036261'		0.13	0.4	3.33	0.512	0.3	0.65	0.42	No 0.13 Primary Over-Voltage
SCL323	445	'4037747_/_4037730'		0.07	0.8	6.67	1.024	0.47	1.22	0.84	No 0.07 Primary Over-Voltage
SCL323	446	'282555564_/_282555577'		0.1	0.43	3.33	0.512	0.3	0.61	0.42	No 0.1 Primary Over-Voltage
SCL323	447	'8872050_/_9641043_2'		0.2	1.2	10	1.544	0.9	1.87	1.26	No 0.2 Primary Over-Voltage
SCL323	448	'4029399_/_4029539'		0.1	0.4	3.33	0.512	0.3	0.59	0.42	No 0.1 Primary Over-Voltage
SCL323	449	'4037855_/_557301167'		0.1	1.2	10	1.544	0.4	1.78	1.26	No 0.1 Primary Over-Voltage
SCL323	450	'557301352_/_4037868_1'		0.03	0.4	3.33	0.512	0.1	0.58	0.42	No 0.03 Primary Over-Voltage
SCL323	451	'8245823_/_8872047'		0.2	1.1	10	1.544	0.9	1.78	1.26	No 0.2 Primary Over-Voltage
SCL323	452	'4029478_/_4029475'		0.3	1.2	10	1.544	0.4	1.76	1.26	No 0.3 Primary Over-Voltage
SCL323	453	'120301192_/_43433254'		0.1	0.37	3.33	0.512	0.3	0.59	0.42	No 0.1 Primary Over-Voltage
SCL323	454	'557301195_/_557301192'		0.1	1.1	10	1.544	0.4	1.7	1.26	No 0.1 Primary Over-Voltage
SCL323	455	'4029323_/_4036248'		0.1	0.37	3.33	0.512	0.3	0.59	0.42	No 0.1 Primary Over-Voltage
SCL323	456	'43433263_/_43433265'		0.1	0.37	3.33	0.512	0.3	0.59	0.42	No 0.1 Primary Over-Voltage
SCL323	457	'557301263_/_557301225_1'		0.1	1.1	10	1.544	0.2	1.69	1.26	No 0.1 Primary Over-Voltage
SCL323	458	'4035338_/_4037760'		0.03	0.37	3.33	0.512	0.23	0.55	0.42	No 0.03 Primary Over-Voltage
SCL323	459	'4035292_/_4037745'		0.07	0.73	6.67	1.024	0.47	1.1	0.84	No 0.07 Primary Over-Voltage
SCL323	460	'43433298_/_4033663'		0.1	0.33	3.33	0.512	0.3	0.56	0.42	No 0.1 Primary Over-Voltage
SCL323	461	'4029400_/_4029397'		0.1	0.37	3.33	0.512	0.3	0.53	0.42	No 0.1 Primary Over-Voltage
SCL323	462	'4037659_/_4037868_2'		0.03	0.37	3.33	0.512	0.1	0.54	0.42	No 0.03 Primary Over-Voltage
SCL323	463	'4035293_/_4035290'		0.07	0.67	6.67	1.024	0.47	1.06	0.84	No 0.07 Primary Over-Voltage
SCL323	464	'4035632_/_4036287'		0.1	0.33	3.33	0.512	0.3	0.54	0.42	No 0.1 Primary Over-Voltage
SCL323	465	'65548091_/_4035335'		0.03	0.33	3.33	0.512	0.23	0.51	0.42	No 0.03 Primary Over-Voltage
SCL323	466	'4033692_/_4036326'		0.1	0.33	3.33	0.512	0.3	0.53	0.42	No 0.1 Primary Over-Voltage
SCL323	467	'4029324_/_4029321'		0.1	0.33	3.33	0.512	0.3	0.53	0.42	No 0.1 Primary Over-Voltage
SCL323	468	'4046965_/_4046980'		0.2	1	10	1.544	0.4	1.57	1.26	No 0.2 Primary Over-Voltage
SCL323	469	'8245843_/_8245840_2'		0.1	0.33	3.33	0.512	0.3	0.52	0.42	No 0.1 Primary Over-Voltage
SCL323	470	'3955233_/_4046963'		0.2	1	10	1.544	0.4	1.54	1.26	No 0.2 Primary Over-Voltage
SCL323	471	'3955234_/_3955231'		0.2	1	10	1.544	0.4	1.52	1.26	No 0.2 Primary Over-Voltage
SCL323	472	'557301209_/_557301225_2'		0.1	1	10	1.544	0.2	1.51	1.26	No 0.1 Primary Over-Voltage
SCL323	473	'65548096_/_65548093'		0.03	0.33	3.33	0.512	0.23	0.49	0.42	No 0.03 Primary Over-Voltage
SCL323	474	'43433274_/_43433276'		0.1	0.3	3.33	0.512	0.3	0.51	0.42	No 0.1 Primary Over-Voltage
SCL323	475	'3955254_/_3955251'		0.2	1	10	1.544	0.4	1.5	1.26	No 0.2 Primary Over-Voltage
SCL323	476	'4033679_/_4033676'		0.1	0.3	3.33	0.512	0.3	0.51	0.42	No 0.1 Primary Over-Voltage
SCL323	477	'43420509_/_4035305'		0.07	0.6	6.67	1.024	0.47	0.97	0.84	No 0.07 Primary Over-Voltage
SCL323	478	'43433309_/_43433311'		0.1	0.3	3.33	0.512	0.3	0.5	0.42	No 0.1 Primary Over-Voltage
SCL323	479	'43433455_/_4037657'		0.03	0.3	3.33	0.512	0.1	0.48	0.42	No 0.03 Primary Over-Voltage
SCL323	480	'4046884_/_4046950'		0.07	0.3	3.33	0.512	0.3	0.47	0.42	No 0.07 Primary Over-Voltage
SCL323	481	'4029413_/_4029410'		0.07	0.3	3.33	0.512	0.3	0.47	0.42	No 0.07 Primary Over-Voltage
SCL323	482	'4035619_/_4035629'		0.1	0.3	3.33	0.512	0.3	0.48	0.42	No 0.1 Primary Over-Voltage
SCL323	483	'4033805_/_4033802'		0.1	0.3	3.33	0.512	0.3	0.47	0.42	No 0.1 Primary Over-Voltage
SCL323	484	'4036212_/_4036222'		0.1	0.3	3.33	0.512	0.3	0.47	0.42	No 0.1 Primary Over-Voltage
SCL323	485	'75928141_/_4035320'		0.07	0.6	6.67	1.024	0.47	0.9	0.84	No 0.07 Primary Over-Voltage
SCL323	486	'8245842_/_8245840_1'		0.1	0.27	3.33	0.512	0.1	0.46	0.42	No 0.1 Primary Over-Voltage
SCL323	487	'387109968_/_9503032_1'		0.07	0.53	6.67	1.024	0.3	0.89	0.84	No 0.07 Primary Over-Voltage
SCL323	488	'4033792_/_4033789'		0.07	0.27	3.33	0.512	0.3	0.44	0.42	No 0.07 Primary Over-Voltage
SCL323	489	'4037807_/_43433457'		0.03	0.27	3.33	0.512	0.1	0.43	0.42	No 0.03 Primary Over-Voltage
SCL323	490	'4035618_/_4035616'		0.07	0.27	3.33	0.512	0.3	0.44	0.42	No 0.07 Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SCL323	491	'110635971_/_4046882'	0.07	0.27	3.33	0.512	0.3	0.42	0.42 No	0.07	Primary Over-Voltage
SCL323	492	'75928162_/_9503032_2'	0.07	0.53	6.67	1.024	0.3	0.84	0.84 No	0.07	Primary Over-Voltage
SCL323	493	'4036211_/_4036209'	0.07	0.27	3.33	0.512	0.3	0.43	0.42 No	0.07	Primary Over-Voltage
SCL323	494	'43433381_/_4029423'	0.07	0.27	3.33	0.512	0.3	0.41	0.42 No	0.07	Primary Over-Voltage
SCL323	495	'4046898_/_110635973'	0.07	0.27	3.33	0.512	0.3	0.4	0.42 No	0.07	Primary Over-Voltage
SCL323	496	'4037838_/_43433446'	0.03	0.23	3.33	0.512	0.1	0.4	0.42 No	0.03	Primary Over-Voltage
SCL323	497	'4034201_/_4034198'	0.07	0.23	3.33	0.512	0.3	0.4	0.42 No	0.07	Primary Over-Voltage
SCL323	498	'43433320_/_4035910'	0.07	0.23	3.33	0.512	0.3	0.4	0.42 No	0.07	Primary Over-Voltage
SCL323	499	'43420533_/_4046908'	0.07	0.23	3.33	0.512	0.3	0.38	0.42 No	0.07	Primary Over-Voltage
SCL323	500	'4029588_/_4037820'	0.03	0.23	3.33	0.512	0.1	0.38	0.42 No	0.03	Primary Over-Voltage
SCL323	501	'4029960_/_4029958'	0.13	0.47	6.67	1.024	0.6	0.78	0.84 No	0.13	Primary Over-Voltage
SCL323	502	'4046927_/_4046924'	0.07	0.23	3.33	0.512	0.3	0.36	0.42 No	0.07	Primary Over-Voltage
SCL323	503	'127880608_/_43433322'	0.07	0.23	3.33	0.512	0.3	0.37	0.42 No	0.07	Primary Over-Voltage
SCL323	504	'4029439_/_4029436'	0.07	0.23	3.33	0.512	0.3	0.36	0.42 No	0.07	Primary Over-Voltage
SCL323	505	'4037686_/_4037683'	0.03	0.2	3.33	0.512	0.1	0.35	0.42 No	0.03	Primary Over-Voltage
SCL323	506	'4033977_/_4037197'	0.07	0.4	6.67	1.024	0.6	0.72	0.84 No	0.07	Primary Over-Voltage
SCL323	507	'4029589_/_4029586'	0.03	0.2	3.33	0.512	0.1	0.35	0.42 No	0.03	Primary Over-Voltage
SCL323	508	'4046940_/_4046937'	0.07	0.2	3.33	0.512	0.3	0.34	0.42 No	0.07	Primary Over-Voltage
SCL323	509	'4029451_/_4029449'	0.07	0.2	3.33	0.512	0.3	0.34	0.42 No	0.07	Primary Over-Voltage
SCL323	510	'4033962_/_4033974'	0.07	0.4	6.67	1.024	0.6	0.69	0.84 No	0.07	Primary Over-Voltage
SCL323	511	'4037699_/_4037696'	0.03	0.2	3.33	0.512	0.1	0.33	0.42 No	0.03	Primary Over-Voltage
SCL323	512	'4029465_/_4029462'	0.03	0.2	3.33	0.512	0.3	0.32	0.42 No	0.03	Primary Over-Voltage
SCL323	513	'4034005_/_4034002'	0.03	0.2	3.33	0.512	0.3	0.33	0.42 No	0.03	Primary Over-Voltage
SCL323	514	'4033991_/_4033989'	0.03	0.2	3.33	0.512	0.3	0.32	0.42 No	0.03	Primary Over-Voltage
SCL323	515	'4033944_/_4033959'	0.07	0.4	6.67	1.024	0.6	0.64	0.84 No	0.07	Primary Over-Voltage
SCL323	516	'4047000_/_4046997'	0.03	0.2	3.33	0.512	0.3	0.31	0.42 No	0.03	Primary Over-Voltage
SCL323	517	'4033866_/_4034015'	0.03	0.2	3.33	0.512	0.3	0.31	0.42 No	0.03	Primary Over-Voltage
SCL323	518	'4037794_/_4037791'	0.03	0.17	3.33	0.512	0.1	0.31	0.42 No	0.03	Primary Over-Voltage
SCL323	519	'4033867_/_4033864'	0.03	0.17	3.33	0.512	0.3	0.3	0.42 No	0.03	Primary Over-Voltage
SCL323	520	'4033943_/_4033941'	0.07	0.33	6.67	1.024	0.6	0.6	0.84 No	0.07	Primary Over-Voltage
SCL323	521	'4034073_/_4034071'	0.03	0.17	3.33	0.512	0.3	0.27	0.42 No	0.03	Primary Over-Voltage
SCL323	522	'4034030_/_4034028'	0.03	0.17	3.33	0.512	0.3	0.27	0.42 No	0.03	Primary Over-Voltage
SCL323	523	'4033914_/_4034058'	0.03	0.13	3.33	0.512	0.3	0.25	0.42 No	0.03	Primary Over-Voltage
SCL323	524	'4034102_/_4034112'	0.03	0.13	3.33	0.512	0.3	0.25	0.42 No	0.03	Primary Over-Voltage
SCL323	525	'4034101_/_4034099'	0.03	0.13	3.33	0.512	0.3	0.24	0.42 No	0.03	Primary Over-Voltage
SCL323	526	'4033913_/_4033911'	0.03	0.13	3.33	0.512	0.3	0.24	0.42 No	0.03	Primary Over-Voltage
SCL323	527	'4034128_/_4034125'	0.03	0.13	3.33	0.512	0.3	0.24	0.42 No	0.03	Primary Over-Voltage
SCL323	528	'43432618_/_4034138'	0.03	0.13	3.33	0.512	0.3	0.23	0.42 No	0.03	Primary Over-Voltage
SCL323	529	'43433080_/_43433082'	0.03	0.13	3.33	0.512	0.3	0.23	0.42 No	0.03	Primary Over-Voltage
SCL323	530	'4033854_/_4034151'	0.03	0.13	3.33	0.512	0.3	0.22	0.42 No	0.03	Primary Over-Voltage
SCL323	531	'4034601_/_4034598'	0.03	0.13	3.33	0.512	0.3	0.21	0.42 No	0.03	Primary Over-Voltage
SCL323	532	'4033838_/_4033851'	0.03	0.13	3.33	0.512	0.3	0.21	0.42 No	0.03	Primary Over-Voltage
SCL323	533	'4033837_/_4033835'	0.03	0.1	3.33	0.512	0.3	0.21	0.42 No	0.03	Primary Over-Voltage
SCL323	534	'4034413_/_4034410'	0.03	0.1	3.33	0.512	0.3	0.2	0.42 No	0.03	Primary Over-Voltage
SDX061	0	'SDX061_/_2833647'	10	10	10	0.928	10	10	10 No	0.928	Thermal Discharging
SDX061	1	'382569425_/_2833647'	10	10	10	0.928	10	10	10 No	0.928	Thermal Discharging
SDX311	0	'SDX311_/_484354371'	10	10	10	1.02	10	10	10 No	1.02	Thermal Discharging
SDX311	1	'500634529_/_484354371'	10	10	10	1.02	10	10	1.61 No	1.02	Thermal Discharging
SDX311	2	'602146721_/_602146624_2'	10	10	10	1.02	10	10	1.61 No	1.02	Thermal Discharging
SDX311	3	'513376683_/_602146624_1'	10	10	10	1.02	10	10	1.61 No	1.02	Thermal Discharging
SDX311	4	'513375724_/_513376687'	10	10	10	1.02	10	10	1.61 No	1.02	Thermal Discharging
SDX311	5	'513376725_/_513376729'	10	10	10	1.02	10	10	1.61 No	1.02	Thermal Discharging
SDX311	6	'513376619_/_513375728'	10	10	10	1.02	10	10	1.61 No	1.02	Thermal Discharging
SDX311	7	'665617179_/_558414038'	10	10	10	1.02	10	10	1.61 No	1.02	Thermal Discharging
SDX311	8	'513376575_/_513376623'	10	10	10	1.02	10	10	1.61 No	1.02	Thermal Discharging
SDX311	9	'2833615_/_513376579'	10	10	10	1.02	10	10	1.61 No	1.02	Thermal Discharging
SDX311	10	'513375987_/_2833613'	10	10	10	1.02	10	10	1.61 No	1.02	Thermal Discharging
SDX311	11	'558413541_/_558413538'	10	10	10	1.02	10	10	1.61 No	1.02	Thermal Discharging
SDX311	12	'513375943_/_513375993'	10	10	10	1.02	10	10	1.61 No	1.02	Thermal Discharging
SDX311	13	'513375899_/_513375949'	10	10	10	1.02	10	10	1.61 No	1.02	Thermal Discharging
SDX311	14	'513375855_/_513375905'	10	10	10	1.02	10	10	1.61 No	1.02	Thermal Discharging
SDX311	15	'513375811_/_513375861'	10	10	10	1.02	10	10	1.61 No	1.02	Thermal Discharging
SDX311	16	'2833059_/_513375817'	10	10	10	1.02	10	10	1.61 No	1.02	Thermal Discharging
SDX311	17	'513376822_/_611024352'	10	10	10	1.02	10	10	1.61 No	1.02	Thermal Discharging
SDX311	18	'558412478_/_611024364'	10	10	10	1.02	10	10	1.61 No	1.02	Thermal Discharging
SDX311	19	'558412499_/_611024392'	10	10	10	1.02	10	10	1.61 No	1.02	Thermal Discharging
SDX311	20	'558412520_/_611024420'	10	10	10	1.02	10	10	1.61 No	1.02	Thermal Discharging
SDX311	21	'2833060_/_611024472'	10	10	10	1.02	10	10	1.61 No	1.02	Thermal Discharging
SDX311	22	'558412541_/_611024454'	10	10	10	1.02	10	10	1.6 No	1.02	Thermal Discharging
SDX311	23	'558412562_/_614314292'	10	10	10	1.02	10	10	1.6 No	1.02	Thermal Discharging
SDX311	24	'558412583_/_614314346'	10	10	10	1.02	10	10	1.6 No	1.02	Thermal Discharging
SDX311	25	'558412604_/_614314377'	10	10	10	1.02	10	10	1.6 No	1.02	Thermal Discharging
SDX311	26	'558412625_/_614314405'	10	10	10	1.02	10	10	1.6 No	1.02	Thermal Discharging
SDX311	27	'480351786_/_614314447'	10	10	10	1.02	10	10	1.6 No	1.02	Thermal Discharging
SDX311	28	'2831766_/_614314473'	10	10	10	1.02	10	10	1.6 No	1.02	Thermal Discharging
SDX311	29	'558412646_/_614314505'	10	10	10	1.02	10	10	1.6 No	1.02	Thermal Discharging
SDX311	30	'558412667_/_614314521'	10	10	10	1.02	10	10	1.6 No	1.02	Thermal Discharging
SDX311	31	'2831767_/_614314559'	10	10	10	1.02	10	10	1.6 No	1.02	Thermal Discharging
SDX311	32	'558412688_/_614314591'	10	10	10	1.02	10	10	1.6 No	1.02	Thermal Discharging
SDX311	33	'558412709_/_614314623'	10	10	10	1.02	10	10	1.6 No	1.02	Thermal Discharging
SDX311	34	'558412730_/_614314655'	10	10	10	1.02	10	10	1.6 No	1.02	Thermal Discharging
SDX311	35	'614314716_/_614314713'	10	10	10	1.02	10	10	1.6 No	1.02	Thermal Discharging
SDX311	36	'2831778_/_614314739'	10	10	10	1.02	10	10	1.6 No	1.02	Thermal Discharging
SDX311	37	'632043061_/_614314774_1'	10	10	10	1.02	10	10	1.6 No	1.02	Thermal Discharging
SDX311	38	'558412772_/_614314774_2'	10	10	10	1.02	10	10	1.6 No	1.02	Thermal Discharging
SDX311	39	'558412793_/_614314806'	10	10	10	1.02	10	10	1.6 No	1.02	Thermal Discharging
SDX311	40	'2832873_/_614314838'	10	10	10	1.02	10	10	1.6 No	1.02	Thermal Discharging
SDX311	41	'558412814_/_614314876'	10	10	10	1.02	10	10	1.6 No	1.02	Thermal Discharging
SDX311	42	'558412835_/_614314910'	10	10	10	1.02	10	10	1.6 No	1.02	Thermal Discharging
SDX311	43	'558412856_/_614314932'	10	10	10	1.02	10	10	1.6 No	1.02	Thermal Discharging
SDX311	44	'388136404_/_614314954'	10	10	10	1.02	10	10	1.6 No	1.02	Thermal Discharging
SDX311	45	'513376308_/_388136406'	10	10	10	1.02	10	10	1.6 No	1.02	Thermal Discharging
SDX311	46	'434205572_/_513376312'	10	10	10	1.02	10	10	1.6 No	1.02	Thermal Discharging
SDX311	47	'513376251_/_434205574'	10	10	10	1.02	10	10	1.6 No	1.02	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SDX311	48	'385366799_/_513376255'	10	10	10	1.02	10	10	1.6 No	1.02	Thermal Discharging
SDX311	49	'385366855_/_614315131'	10	10	10	1.02	10	10	1.6 No	1.02	Thermal Discharging
SDX311	50	'614315161_/_614315159'	10	10	10	1.02	10	10	1.6 No	1.02	Thermal Discharging
SDX311	51	'385366708_/_614315191'	10	10	10	1.02	10	10	1.6 No	1.02	Thermal Discharging
SDX311	52	'385366650_/_614315223'	10	10	10	1.02	10	10	1.6 No	1.02	Thermal Discharging
SDX311	53	'387030423_/_614315263'	10	10	10	1.02	10	10	1.6 No	1.02	Thermal Discharging
SDX311	54	'387030481_/_614315281'	10	10	10	1.02	10	10	1.6 No	1.02	Thermal Discharging
SDX311	55	'387030548_/_614315313'	10	10	10	1.02	10	10	1.6 No	1.02	Thermal Discharging
SDX311	56	'2832859_/_614315339'	10	10	10	1.02	10	10	1.6 No	1.02	Thermal Discharging
SDX311	57	'387030658_/_614315403'	10	10	10	1.02	10	10	1.6 No	1.02	Thermal Discharging
SDX311	58	'383967487_/_614315470'	10	10	10	1.02	10	10	1.6 No	1.02	Thermal Discharging
SDX311	59	'2832963_/_614315502'	10	10	10	1.02	10	10	1.6 No	1.02	Thermal Discharging
SDX311	60	'383967549_/_614315536'	10	10	10	1.02	10	10	1.59 No	1.02	Thermal Discharging
SDX311	61	'2829093_/_614315568'	10	10	10	1.02	10	10	1.59 No	1.02	Thermal Discharging
SDX311	62	'614315629_/_614315600'	10	10	10	1.02	10	10	1.59 No	1.02	Thermal Discharging
SDX311	63	'614315628_/_614315626'	10	10	10	1.02	10	10	1.59 No	1.02	Thermal Discharging
SDX311	64	'614315654_/_614315652'	10	10	10	1.02	10	10	1.59 No	1.02	Thermal Discharging
SDX311	65	'614315714_/_66024837_2'	10	10	10	1.02	10	10	1.59 No	1.02	Thermal Discharging
SDX311	66	'614315680_/_614315678'	10	10	10	1.02	10	10	1.59 No	1.02	Thermal Discharging
SDX311	67	'614315819_/_614315729'	10	10	10	1.02	10	10	1.59 No	1.02	Thermal Discharging
SDX311	68	'385367938_/_614315755'	10	10	10	1.02	10	10	1.59 No	1.02	Thermal Discharging
SDX311	69	'385367733_/_614315799'	10	10	10	1.02	10	10	1.59 No	1.02	Thermal Discharging
SDX311	70	'398636956_/_385368236_2'	10	10	10	1.02	10	10	1.59 No	1.02	Thermal Discharging
SDX311	71	'396299275_/_385368236_1'	10	10	10	1.02	2.9	10	1.59 No	1.02	Thermal Discharging
SDX311	72	'385368254_/_614315841'	10	10	10	1.02	10	10	1.59 No	1.02	Thermal Discharging
SDX311	73	'68194615_/_614315853'	10	10	10	1.02	10	10	1.59 No	1.02	Thermal Discharging
SDX311	74	'66024865_/_66024837_1'	10	10	10	1.02	3.6	10	1.59 No	1.02	Thermal Discharging
SDX311	75	'2829147_/_614315865'	10	10	10	1.02	10	10	1.59 No	1.02	Thermal Discharging
SDX311	76	'613879941_/_613880010_2'	3.33	3.33	3.33	0.34	0.7	3.33	0.53 No	0.34	Thermal Discharging
SDX311	77	'613880150_/_613880010_1'	3.33	3.33	3.33	0.34	0.7	3.33	0.53 No	0.34	Thermal Discharging
SDX311	78	'558412977_/_558412887_2'	3.33	3.33	3.33	0.34	0.7	3.33	0.53 No	0.34	Thermal Discharging
SDX311	79	'591171673_/_558412887_1'	3.33	3.33	3.33	0.34	0.7	3.33	0.53 No	0.34	Thermal Discharging
SDX311	80	'66024890_/_66024867'	10	10	10	1.02	3.6	10	1.59 No	1.02	Thermal Discharging
SDX311	81	'613879858_/_613879874_2'	3.33	3.33	3.33	0.34	0.7	3.33	0.53 No	0.34	Thermal Discharging
SDX311	82	'613880083_/_613879874_1'	3.33	3.33	3.33	0.34	0.7	3.33	0.53 No	0.34	Thermal Discharging
SDX311	83	'66024940_/_66024893'	10	10	10	1.02	3.6	10	1.59 No	1.02	Thermal Discharging
SDX311	84	'389839875_/_370183557_2'	3.33	3.33	3.33	0.34	3.33	3.33	0.53 No	0.34	Thermal Discharging
SDX311	85	'370183576_/_370183557_1'	3.33	3.33	3.33	0.34	1.2	3.33	0.53 No	0.34	Thermal Discharging
SDX311	86	'2828638_/_2829144'	10	10	10	1.02	10	10	1.59 No	1.02	Thermal Discharging
SDX311	87	'2829130_/_2829127'	10	10	10	1.02	10	10	1.59 No	1.02	Thermal Discharging
SDX311	88	'2828491_/_2828635'	10	10	10	1.02	10	10	1.59 No	1.02	Thermal Discharging
SDX311	89	'58635712_/_2828488'	10	10	10	1.02	10	10	1.58 No	1.02	Thermal Discharging
SDX311	90	'66697891_/_66697888'	10	10	10	1.02	10	10	1.58 No	1.02	Thermal Discharging
SDX311	91	'392537658_/_58635760_1'	10	10	10	1.02	2.8	10	1.58 No	1.02	Thermal Discharging
SDX311	92	'66697882_/_66697838'	10	10	10	1.02	10	10	1.58 No	1.02	Thermal Discharging
SDX311	93	'58635803_/_58635760_2'	10	10	10	1.02	2.8	10	1.58 No	1.02	Thermal Discharging
SDX311	94	'2828243_/_2828715'	9.9	10	10	1.02	10	10	1.58 No	1.02	Thermal Discharging
SDX311	95	'66696331_/_2828241'	9.7	10	10	1.02	10	10	1.58 No	1.02	Thermal Discharging
SDX311	96	'66697726_/_2828252'	9.6	10	10	1.02	10	10	1.58 No	1.02	Thermal Discharging
SDX311	97	'66697703_/_66697723'	9.3	10	10	1.02	10	10	1.58 No	1.02	Thermal Discharging
SDX311	98	'2828166_/_66697700'	9.2	10	10	1.02	10	10	1.58 No	1.02	Thermal Discharging
SDX311	99	'7234146_/_7234144_1'	9.2	10	10	1.02	3.6	10	1.58 No	1.02	Thermal Discharging
SDX311	100	'66696413_/_2828163'	9	10	10	1.02	10	10	1.58 No	1.02	Thermal Discharging
SDX311	101	'66696442_/_2828207_1'	8.8	10	10	1.02	10	10	1.58 No	1.02	Thermal Discharging
SDX311	102	'66696479_/_2828207_2'	8.8	10	10	1.02	3.7	10	1.58 No	1.02	Thermal Discharging
SDX311	103	'66697931_/_2828207_3'	8.8	10	10	1.02	3.7	10	1.58 No	1.02	Thermal Discharging
SDX311	104	'66697638_/_2828348'	8.8	10	10	1.02	10	10	1.58 No	1.02	Thermal Discharging
SDX311	105	'66696378_/_7234144_2'	8.5	10	10	1.02	3.6	10	1.58 No	1.02	Thermal Discharging
SDX311	106	'66697548_/_66697635'	8.6	10	10	1.02	10	10	1.58 No	1.02	Thermal Discharging
SDX311	107	'66697479_/_66697545'	8.5	10	10	1.02	10	10	1.58 No	1.02	Thermal Discharging
SDX311	108	'66697369_/_66697476'	8.3	10	10	1.02	10	10	1.58 No	1.02	Thermal Discharging
SDX311	109	'66696572_/_157754629_1'	8.3	10	10	1.02	3.6	10	1.58 No	1.02	Thermal Discharging
SDX311	110	'66697340_/_66697366'	8.2	10	10	1.02	10	10	1.58 No	1.02	Thermal Discharging
SDX311	111	'66697214_/_66697337'	8.1	10	10	1.02	10	10	1.58 No	1.02	Thermal Discharging
SDX311	112	'66697152_/_66697211'	8	10	10	1.02	10	10	1.58 No	1.02	Thermal Discharging
SDX311	113	'66696977_/_66697149'	7.9	10	10	1.02	10	10	1.58 No	1.02	Thermal Discharging
SDX311	114	'66696940_/_66696974'	7.8	10	10	1.02	10	10	1.58 No	1.02	Thermal Discharging
SDX311	115	'66696745_/_66696937'	7.7	10	10	1.02	10	10	1.58 No	1.02	Thermal Discharging
SDX311	116	'66696603_/_66696742'	7.6	10	10	1.02	10	10	1.58 No	1.02	Thermal Discharging
SDX311	117	'129331115_/_129331112'	7.5	10	10	1.02	10	10	1.58 No	1.02	Thermal Discharging
SDX311	118	'129331614_/_129331155_1'	7.5	10	10	1.02	3.6	10	1.58 No	1.02	Thermal Discharging
SDX311	119	'66696535_/_157754629_2'	7.1	10	10	1.02	3.6	10	1.58 No	1.02	Thermal Discharging
SDX311	120	'2828069_/_2828263'	7.2	10	10	1.02	10	10	1.58 No	1.02	Thermal Discharging
SDX311	121	'7234107_/_7234104_1'	7.2	10	10	1.02	3.7	10	1.58 No	1.02	Thermal Discharging
SDX311	122	'129331158_/_129331155_2'	7.1	10	10	1.02	3.6	10	1.58 No	1.02	Thermal Discharging
SDX311	123	'2828123_/_2828120_1'	3.33	3.33	3.33	0.34	0.9	3.33	0.52 No	0.34	Thermal Discharging
SDX311	124	'129331177_/_129331174'	6.7	10	10	1.02	3.6	10	1.58 No	1.02	Thermal Discharging
SDX311	125	'2828122_/_2828120_2'	3.33	3.33	3.33	0.34	0.9	3.33	0.52 No	0.34	Thermal Discharging
SDX311	126	'2827937_/_2828067'	6.9	10	10	1.02	10	10	1.57 No	1.02	Thermal Discharging
SDX311	127	'129331282_/_129331279'	6.4	10	10	1.02	3.6	10	1.57 No	1.02	Thermal Discharging
SDX311	128	'2827938_/_2827935'	6.7	10	10	1.02	10	10	1.57 No	1.02	Thermal Discharging
SDX311	129	'449431564_/_2827952'	6.5	10	10	1.02	10	10	1.57 No	1.02	Thermal Discharging
SDX311	130	'449431856_/_449431752_2'	6.5	10	10	1.02	10	10	1.57 No	1.02	Thermal Discharging
SDX311	131	'129331301_/_129331298'	6.1	10	10	1.02	3.6	10	1.57 No	1.02	Thermal Discharging
SDX311	132	'449756691_/_449431572'	6.5	10	10	1.02	10	10	1.57 No	1.02	Thermal Discharging
SDX311	133	'68642639_/_449756693'	6.4	10	10	1.02	10	10	1.57 No	1.02	Thermal Discharging
SDX311	134	'7234106_/_7234104_2'	6.1	10	10	1.02	3.7	10	1.57 No	1.02	Thermal Discharging
SDX311	135	'68642772_/_68642781'	6.4	10	10	1.02	10	10	1.57 No	1.02	Thermal Discharging
SDX311	136	'129331320_/_129331317'	5.9	10	10	1.02	3.6	10	1.57 No	1.02	Thermal Discharging
SDX311	137	'68642903_/_68642912'	6.3	10	10	1.02	10	10	1.57 No	1.02	Thermal Discharging
SDX311	138	'65607930_/_2827986'	6.2	10	10	1.02	10	10	1.57 No	1.02	Thermal Discharging
SDX311	139	'76039404_/_65607898_1'	6.2	10	10	1.02	3.6	10	1.57 No	1.02	Thermal Discharging
SDX311	140	'65607931_/_65607898_2'	6.2	10	10	1.02	3.6	10	1.57 No	1.02	Thermal Discharging
SDX311	141	'68643103_/_68643112'	6.2	10	10	1.02	10	10	1.57 No	1.02	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SDX311	142	'383130388___/68643241'		6.1	10	10	1.02	10	10	1.57 No	1.02 Thermal Discharging
SDX311	143	'129331339___/129331336'		5.6	10	10	1.02	3.6	10	1.57 No	1.02 Thermal Discharging
SDX311	144	'449431949___/449431752_1'		5.9	10	10	1.02	3.7	10	1.57 No	1.02 Thermal Discharging
SDX311	145	'68643232___/383130390'		6.1	10	10	1.02	10	10	1.57 No	1.02 Thermal Discharging
SDX311	146	'49147376___/2828037'		6.1	10	10	1.02	10	10	1.57 No	1.02 Thermal Discharging
SDX311	147	'148894736___/148848634'		6	10	10	1.02	10	10	1.57 No	1.02 Thermal Discharging
SDX311	148	'148894841___/148887640_2'		6	10	10	1.02	10	10	1.57 No	1.02 Thermal Discharging
SDX311	149	'148848698___/148848706'		6	10	10	1.02	10	10	1.57 No	1.02 Thermal Discharging
SDX311	150	'148894737___/148887640_1'		6	10	10	1.02	3.7	10	1.57 No	1.02 Thermal Discharging
SDX311	151	'129331358___/129331355'		5.4	10	10	1.02	3.6	10	1.57 No	1.02 Thermal Discharging
SDX311	152	'449431654___/449431962'		5.7	10	10	1.02	3.7	10	1.57 No	1.02 Thermal Discharging
SDX311	153	'148848902___/148848910'		5.9	10	10	1.02	10	10	1.57 No	1.02 Thermal Discharging
SDX311	154	'148876602___/49147342'		5.9	10	10	1.02	10	10	1.57 No	1.02 Thermal Discharging
SDX311	155	'148879579___/148876604'		5.8	10	10	1.02	10	10	1.57 No	1.02 Thermal Discharging
SDX311	156	'129331377___/129331374'		5.2	10	10	1.02	3.6	10	1.57 No	1.02 Thermal Discharging
SDX311	157	'2827793___/148879581'		5.8	10	10	1.02	10	10	1.57 No	1.02 Thermal Discharging
SDX311	158	'148880306___/148873033'		5.7	10	10	1.02	10	10	1.57 No	1.02 Thermal Discharging
SDX311	159	'148873024___/148880308'		5.7	10	10	1.02	10	10	1.57 No	1.02 Thermal Discharging
SDX311	160	'142410560___/142410557'		5	10	10	1.02	3.6	10	1.57 No	1.02 Thermal Discharging
SDX311	161	'2827700___/2827791'		5.6	10	10	1.02	10	10	1.57 No	1.02 Thermal Discharging
SDX311	162	'2827713___/2827808'		5.6	10	10	1.02	10	10	1.57 No	1.02 Thermal Discharging
SDX311	163	'7860491___/7860489'		5	10	10	1.02	3.7	10	1.57 No	1.02 Thermal Discharging
SDX311	164	'148875325___/148875333'		5.5	10	10	1.02	10	10	1.57 No	1.02 Thermal Discharging
SDX311	165	'148881601___/2827711'		5.5	10	10	1.02	10	10	1.57 No	1.02 Thermal Discharging
SDX311	166	'148881522___/148881603'		5.4	10	10	1.02	10	10	1.56 No	1.02 Thermal Discharging
SDX311	167	'148881441___/148881524'		5.4	10	10	1.02	10	10	1.56 No	1.02 Thermal Discharging
SDX311	168	'148881421___/148881443'		5.3	10	10	1.02	10	10	1.56 No	1.02 Thermal Discharging
SDX311	169	'402685002___/148881423'		5.3	10	10	1.02	10	10	1.56 No	1.02 Thermal Discharging
SDX311	170	'2827581___/402685004'		5.2	10	10	1.02	10	10	1.56 No	1.02 Thermal Discharging
SDX311	171	'402685414___/2827579'		5.2	10	10	1.02	10	10	1.56 No	1.02 Thermal Discharging
SDX311	172	'402685320___/402685416'		5.2	10	10	1.02	10	10	1.56 No	1.02 Thermal Discharging
SDX311	173	'402685241___/402685322'		5.1	10	10	1.02	10	10	1.56 No	1.02 Thermal Discharging
SDX311	174	'385960752___/676003124'		5.1	10	10	1.02	10	10	1.56 No	1.02 Thermal Discharging
SDX311	175	'385960840___/676003145'		5.1	10	10	1.02	10	10	1.56 No	1.02 Thermal Discharging
SDX311	176	'385960820___/676003168'		5.1	10	10	1.02	10	10	1.56 No	1.02 Thermal Discharging
SDX311	177	'388298339___/388298305_1'		2.13	3.33	3.33	0.34	1.2	3.33	0.51 No	0.34 Thermal Discharging
SDX311	178	'385960652___/676003189'		5.1	10	10	1.02	10	10	1.56 No	1.02 Thermal Discharging
SDX311	179	'148849913___/388298305_2'		2.13	3.33	3.33	0.34	1.2	3.33	0.51 No	0.34 Thermal Discharging
SDX311	180	'2827043___/676003233'		5.1	10	10	1.02	10	10	1.56 No	1.02 Thermal Discharging
SDX311	181	'676003809___/676003813'		5.1	10	10	1.02	10	10	1.56 No	1.02 Thermal Discharging
SDX311	182	'385961082___/676003244'		5.1	10	10	1.02	10	10	1.56 No	1.02 Thermal Discharging
SDX311	183	'676003830___/676003259'		5.1	10	10	1.02	10	10	1.56 No	1.02 Thermal Discharging
SDX311	184	'119299734___/676003834'		5.1	10	10	1.02	10	10	1.56 No	1.02 Thermal Discharging
SDX311	185	'615123837___/119299736'		5	10	10	1.02	10	10	1.56 No	1.02 Thermal Discharging
SDX311	186	'388297808___/388298375'		2.17	3.33	3.33	0.34	1.2	3.33	0.51 No	0.34 Thermal Discharging
SDX311	187	'615123216___/615123841_2'		5	10	10	1.02	10	10	1.56 No	1.02 Thermal Discharging
SDX311	188	'637915431___/637915182'		5	10	10	1.02	10	10	1.56 No	1.02 Thermal Discharging
SDX311	189	'615123873___/615123841_1'		5	10	10	1.02	10	10	1.56 No	1.02 Thermal Discharging
SDX311	190	'615123308___/637915165'		5	10	10	1.02	10	10	1.56 No	1.02 Thermal Discharging
SDX311	191	'615123365___/637915148'		5	10	10	1.02	10	10	1.56 No	1.02 Thermal Discharging
SDX311	192	'615123437___/637915131'		5	10	10	1.02	10	10	1.56 No	1.02 Thermal Discharging
SDX311	193	'49146721___/9077539_1'		5	10	10	1.02	3.6	10	1.56 No	1.02 Thermal Discharging
SDX311	194	'49146800___/637915082'		5	10	10	1.02	10	10	1.56 No	1.02 Thermal Discharging
SDX311	195	'2827169___/637915114'		5	10	10	1.02	10	10	1.56 No	1.02 Thermal Discharging
SDX311	196	'637915461___/637915093'		5	10	10	1.02	10	10	1.56 No	1.02 Thermal Discharging
SDX311	197	'49146821___/637915356'		5	10	10	1.02	10	10	1.56 No	1.02 Thermal Discharging
SDX311	198	'2827186___/637915341'		5	10	10	1.02	10	10	1.56 No	1.02 Thermal Discharging
SDX311	199	'2827203___/637915330'		5	10	10	1.02	10	10	1.56 No	1.02 Thermal Discharging
SDX311	200	'615123669___/637915307_1'		5	10	10	1.02	10	10	1.56 No	1.02 Thermal Discharging
SDX311	201	'2827220___/637915307_2'		5	10	10	1.02	10	10	1.56 No	1.02 Thermal Discharging
SDX311	202	'2827488___/637915290'		5	10	10	1.02	10	10	1.56 No	1.02 Thermal Discharging
SDX311	203	'388298470___/388298468'		2.17	3.33	3.33	0.34	1.2	3.33	0.51 No	0.34 Thermal Discharging
SDX311	204	'615123113___/650908982'		5	10	10	1.02	10	10	1.56 No	1.02 Thermal Discharging
SDX311	205	'614316080___/650908967'		5	10	10	1.02	10	10	1.56 No	1.02 Thermal Discharging
SDX311	206	'614316023___/650908950'		5	10	10	1.02	10	10	1.56 No	1.02 Thermal Discharging
SDX311	207	'614315966___/650908933'		5	10	10	1.02	10	10	1.56 No	1.02 Thermal Discharging
SDX311	208	'49147023___/650908910'		5	10	10	1.02	10	10	1.56 No	1.02 Thermal Discharging
SDX311	209	'2827471___/650908893'		4.9	10	10	1.02	10	10	1.56 No	1.02 Thermal Discharging
SDX311	210	'61911008___/650908876'		4.9	10	10	1.02	10	10	1.56 No	1.02 Thermal Discharging
SDX311	211	'2827701___/2827698'		2	3.33	3.33	0.34	3.33	3.33	0.51 No	0.34 Thermal Discharging
SDX311	212	'91738602___/650908855'		4.9	10	10	1.02	10	10	1.56 No	1.02 Thermal Discharging
SDX311	213	'650908629___/650908999'		4.9	10	10	1.02	10	10	1.56 No	1.02 Thermal Discharging
SDX311	214	'388298486___/388298484'		2.17	3.33	3.33	0.34	1.2	3.33	0.51 No	0.34 Thermal Discharging
SDX311	215	'91738693___/650908840'		4.9	10	10	1.02	10	10	1.56 No	1.02 Thermal Discharging
SDX311	216	'91738388___/650908817'		4.9	10	10	1.02	10	10	1.56 No	1.02 Thermal Discharging
SDX311	217	'2827434___/650908796'		4.9	10	10	1.02	10	10	1.56 No	1.02 Thermal Discharging
SDX311	218	'650908696___/650909014'		4.9	10	10	1.02	10	10	1.56 No	1.02 Thermal Discharging
SDX311	219	'2827417___/650908781'		4.9	10	10	1.02	10	10	1.56 No	1.02 Thermal Discharging
SDX311	220	'2827292___/650908766'		4.9	10	10	1.02	10	10	1.56 No	1.02 Thermal Discharging
SDX311	221	'9077541___/9077539_2'		4.7	10	10	1.02	3.6	10	1.56 No	1.02 Thermal Discharging
SDX311	222	'53403544___/2827289'		4.9	10	10	1.02	10	10	1.55 No	1.02 Thermal Discharging
SDX311	223	'2827328___/2827522'		4.9	10	10	1.02	10	10	1.55 No	1.02 Thermal Discharging
SDX311	224	'388298507___/388298505'		2.17	3.33	3.33	0.34	1.2	3.33	0.51 No	0.34 Thermal Discharging
SDX311	225	'53403552___/2824973'		4.9	10	10	1.02	10	10	1.55 No	1.02 Thermal Discharging
SDX311	226	'58100694___/2827326'		4.9	10	10	1.02	10	10	1.55 No	1.02 Thermal Discharging
SDX311	227	'58100728___/58100691_1'		4.9	10	10	1.02	4.6	10	1.55 No	1.02 Thermal Discharging
SDX311	228	'53403568___/51521549'		4.9	10	10	1.02	10	10	1.55 No	1.02 Thermal Discharging
SDX311	229	'58100735___/58100691_2'		4.8	10	10	1.02	4.6	10	1.55 No	1.02 Thermal Discharging
SDX311	230	'53403569___/51521886'		4.8	10	10	1.02	10	10	1.55 No	1.02 Thermal Discharging
SDX311	231	'53403577___/51521952'		4.8	10	10	1.02	10	10	1.55 No	1.02 Thermal Discharging
SDX311	232	'58100803___/58100732'		4.8	10	10	1.02	4.6	10	1.55 No	1.02 Thermal Discharging
SDX311	233	'388298528___/388298526'		2.17	3.33	3.33	0.34	1.2	3.33	0.51 No	0.34 Thermal Discharging
SDX311	234	'53403581___/53401730'		4.8	10	10	1.02	10	10	1.55 No	1.02 Thermal Discharging
SDX311	235	'58100824___/58100800'		4.7	10	10	1.02	4.6	10	1.55 No	1.02 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SDX311	236	'2826765_/_58100821'	4.7	10	10	1.02	4.6	10	1.55 No	1.02	Thermal Discharging
SDX311	237	'231105597_/_51521478'	4.7	10	10	1.02	10	10	1.55 No	1.02	Thermal Discharging
SDX311	238	'388298549_/_388298547'	2.17	3.33	3.33	0.34	1.2	3.33	0.51 No	0.34	Thermal Discharging
SDX311	239	'53403585_/_231105599'	4.7	10	10	1.02	10	10	1.55 No	1.02	Thermal Discharging
SDX311	240	'2826749_/_2826762'	4.6	10	10	1.02	4.6	10	1.55 No	1.02	Thermal Discharging
SDX311	241	'53403589_/_53401794'	4.7	10	10	1.02	10	10	1.55 No	1.02	Thermal Discharging
SDX311	242	'53403609_/_53401835'	4.7	10	10	1.02	10	10	1.55 No	1.02	Thermal Discharging
SDX311	243	'388299175_/_388298652'	2.2	3.33	3.33	0.34	1.2	3.33	0.51 No	0.34	Thermal Discharging
SDX311	244	'58100967_/_58100964'	4.6	10	10	1.02	4.6	10	1.55 No	1.02	Thermal Discharging
SDX311	245	'53403616_/_53401868'	4.6	10	10	1.02	10	10	1.55 No	1.02	Thermal Discharging
SDX311	246	'53403617_/_53401899'	4.6	10	10	1.02	10	10	1.55 No	1.02	Thermal Discharging
SDX311	247	'402685269_/_2827077_2'	1.8	3.33	3.33	0.34	0.9	3.33	0.51 No	0.34	Thermal Discharging
SDX311	248	'53403629_/_53401928'	4.6	10	10	1.02	10	10	1.55 No	1.02	Thermal Discharging
SDX311	249	'388298654_/_388299136'	2.2	3.33	3.33	0.34	1.2	3.33	0.51 No	0.34	Thermal Discharging
SDX311	250	'43206351_/_2826805'	4.5	10	10	1.02	4.6	10	1.55 No	1.02	Thermal Discharging
SDX311	251	'53403658_/_53401955'	4.6	10	10	1.02	10	10	1.55 No	1.02	Thermal Discharging
SDX311	252	'58101029_/_58101026'	4.5	10	10	1.02	4.6	10	1.55 No	1.02	Thermal Discharging
SDX311	253	'231113817_/_53401992'	4.5	10	10	1.02	10	10	1.55 No	1.02	Thermal Discharging
SDX311	254	'2826899_/_2826947'	4.5	10	10	1.02	4.6	10	1.55 No	1.02	Thermal Discharging
SDX311	255	'7234030_/_7234028_1'	4.5	10	10	1.02	2.8	10	1.55 No	1.02	Thermal Discharging
SDX311	256	'231113896_/_231113819'	4.5	10	10	1.02	10	10	1.55 No	1.02	Thermal Discharging
SDX311	257	'2826898_/_2826896_1'	4.4	10	10	1.02	2.9	10	1.55 No	1.02	Thermal Discharging
SDX311	258	'388298675_/_388298673'	2.2	3.33	3.33	0.34	1.2	3.33	0.51 No	0.34	Thermal Discharging
SDX311	259	'2826915_/_2826896_2'	4.4	10	10	1.02	2.9	10	1.55 No	1.02	Thermal Discharging
SDX311	260	'231113972_/_231113898'	4.5	10	10	1.02	10	10	1.55 No	1.02	Thermal Discharging
SDX311	261	'53403659_/_231113974'	4.5	10	10	1.02	10	10	1.55 No	1.02	Thermal Discharging
SDX311	262	'676003696_/_2827250_1'	1.8	3.33	3.33	0.34	0.9	3.33	0.51 No	0.34	Thermal Discharging
SDX311	263	'2827253_/_2827250_2'	1.8	3.33	3.33	0.34	0.9	3.33	0.51 No	0.34	Thermal Discharging
SDX311	264	'385540282_/_2826964'	1.8	3.33	3.33	0.34	2.6	3.33	0.51 No	0.34	Thermal Discharging
SDX311	265	'231114080_/_53402017'	4.4	10	10	1.02	10	10	1.55 No	1.02	Thermal Discharging
SDX311	266	'717424252_/_385009951_1'	1.8	3.33	3.33	0.34	0.4	3.33	0.51 No	0.34	Thermal Discharging
SDX311	267	'676003610_/_385009951_2'	1.8	3.33	3.33	0.34	0.4	3.33	0.51 No	0.34	Thermal Discharging
SDX311	268	'637916154_/_637914553'	4.4	10	10	1.02	10	10	1.55 No	1.02	Thermal Discharging
SDX311	269	'704404192_/_704404196'	4.4	10	10	0.1	10	10	10 No	0.1	Thermal Discharging
SDX311	270	'704404510_/_704404174_2'	4.4	10	10	1.02	10	10	1.55 No	1.02	Thermal Discharging
SDX311	271	'704404170_/_704404174_1'	4.4	10	10	0.1	10	10	10 No	0.1	Thermal Discharging
SDX311	272	'637914692_/_637914689'	4.4	10	10	0.1	10	10	10 No	0.1	Thermal Discharging
SDX311	273	'388298707_/_388298694'	2.2	3.33	3.33	0.34	1.2	3.33	0.51 No	0.34	Thermal Discharging
SDX311	274	'637916012_/_637914571'	4.4	10	10	0.1	10	10	10 No	0.1	Thermal Discharging
SDX311	275	'637914710_/_637914707'	4.4	10	10	0.1	10	10	10 No	0.1	Thermal Discharging
SDX311	276	'230997963_/_231114082'	4.4	10	10	1.02	10	10	1.55 No	1.02	Thermal Discharging
SDX311	277	'637914728_/_637914725'	4.4	10	10	0.1	10	10	10 No	0.1	Thermal Discharging
SDX311	278	'637914744_/_637914741'	4.4	10	10	0.1	10	10	10 No	0.1	Thermal Discharging
SDX311	279	'7234031_/_7234028_2'	4.3	10	10	1.02	2.8	10	1.55 No	1.02	Thermal Discharging
SDX311	280	'230997887_/_230997965'	4.4	10	10	1.02	10	10	1.55 No	1.02	Thermal Discharging
SDX311	281	'637914762_/_637914759'	4.4	10	10	0.1	10	10	10 No	0.1	Thermal Discharging
SDX311	282	'637914780_/_637914777'	4.4	10	10	0.1	10	10	10 No	0.1	Thermal Discharging
SDX311	283	'2827133_/_44070972_2'	1.8	3.33	3.33	0.34	3.33	3.33	0.51 No	0.34	Thermal Discharging
SDX311	284	'637914796_/_637914793'	4.4	10	10	0.1	10	10	10 No	0.1	Thermal Discharging
SDX311	285	'53403674_/_230997889'	4.4	10	10	1.02	10	10	1.55 No	1.02	Thermal Discharging
SDX311	286	'44070970_/_44070972_1'	1.8	3.33	3.33	0.34	1.2	3.33	0.51 No	0.34	Thermal Discharging
SDX311	287	'637914814_/_637914811'	4.4	10	10	0.1	10	10	10 No	0.1	Thermal Discharging
SDX311	288	'704404524_/_637916338_2'	4.4	10	10	0.1	10	10	10 No	0.1	Thermal Discharging
SDX311	289	'637916257_/_637916261'	4.4	10	10	0.1	10	10	10 No	0.1	Thermal Discharging
SDX311	290	'704404226_/_637916338_1'	4.4	10	10	0.05	10	10	10 No	0.05	Thermal Discharging
SDX311	291	'388298708_/_388298705'	2.2	3.33	3.33	0.34	1.2	3.33	0.51 No	0.34	Thermal Discharging
SDX311	292	'704404550_/_704404682_1'	4.4	10	10	0.05	10	10	10 No	0.05	Thermal Discharging
SDX311	293	'637914832_/_704404682_2'	4.4	10	10	0.05	10	10	10 No	0.05	Thermal Discharging
SDX311	294	'637916390_/_637916373_1'	4.4	10	10	0.05	1.7	10	10 No	0.05	Thermal Discharging
SDX311	295	'53403682_/_50755323'	4.3	10	10	1.02	10	10	1.55 No	1.02	Thermal Discharging
SDX311	296	'637916049_/_637914847'	4.4	10	10	0.05	10	10	10 No	0.05	Thermal Discharging
SDX311	297	'637916090_/_637914885_2'	4.4	10	10	0.05	10	10	10 No	0.05	Thermal Discharging
SDX311	298	'615123604_/_632042631_2'	1.77	3.33	3.33	0.34	3.33	3.33	0.51 No	0.34	Thermal Discharging
SDX311	299	'53403683_/_50755298'	4.3	10	10	1.02	10	10	1.55 No	1.02	Thermal Discharging
SDX311	300	'579896629_/_3490470'	4.3	10	10	1.02	10	10	1.55 No	1.02	Thermal Discharging
SDX311	301	'579897029_/_520564437_2'	4.3	10	10	1.02	10	10	1.55 No	1.02	Thermal Discharging
SDX311	302	'520564440_/_520564437_1'	4.3	10	10	0	10	10	10 No	0	Thermal Discharging
SDX311	303	'520564695_/_520564465'	4.3	10	10	0	10	10	10 No	0	Thermal Discharging
SDX311	304	'532660450_/_520564483_3'	4.3	10	10	0	10	10	10 No	0	Thermal Discharging
SDX311	305	'579897040_/_520564483_2'	4.3	10	10	0	1.7	10	10 No	0	Thermal Discharging
SDX311	306	'520564486_/_520564483_1'	4.3	10	10	0	1.7	10	10 No	0	Thermal Discharging
SDX311	307	'520564849_/_520564553'	4.3	10	10	0	10	10	10 No	0	Thermal Discharging
SDX311	308	'532660430_/_520564711_3'	4.3	10	10	0	10	10	10 No	0	Thermal Discharging
SDX311	309	'520564861_/_520564571'	4.3	10	10	0	10	10	10 No	0	Thermal Discharging
SDX311	310	'532660420_/_520564745_3'	4.3	10	10	0	10	10	10 No	0	Thermal Discharging
SDX311	311	'520564873_/_520564589'	4.3	10	10	0	10	10	10 No	0	Thermal Discharging
SDX311	312	'579897051_/_520564711_2'	4.3	10	10	0	1.7	10	10 No	0	Thermal Discharging
SDX311	313	'579897063_/_520564745_2'	4.3	10	10	0	1.7	10	10 No	0	Thermal Discharging
SDX311	314	'532660410_/_520564779_3'	4.3	10	10	0	10	10	10 No	0	Thermal Discharging
SDX311	315	'579897111_/_520564605'	4.3	10	10	0	10	10	10 No	0	Thermal Discharging
SDX311	316	'520564714_/_520564711_1'	4.3	10	10	0	1.7	10	10 No	0	Thermal Discharging
SDX311	317	'579897002_/_579897006'	4.3	10	10	1.02	10	10	1.55 No	1.02	Thermal Discharging
SDX311	318	'532660557_/_520564499_1'	4.3	10	10	0	1.7	10	10 No	0	Thermal Discharging
SDX311	319	'520564748_/_520564745_1'	4.3	10	10	0	1.7	10	10 No	0	Thermal Discharging
SDX311	320	'579897075_/_520564779_2'	4.3	10	10	0	1.7	10	10 No	0	Thermal Discharging
SDX311	321	'520564782_/_520564779_1'	4.3	10	10	0	1.7	10	10 No	0	Thermal Discharging
SDX311	322	'532660567_/_520564729_1'	4.3	10	10	0	1.7	10	10 No	0	Thermal Discharging
SDX311	323	'532660578_/_520564763_1'	4.3	10	10	0	1.7	10	10 No	0	Thermal Discharging
SDX311	324	'532660589_/_520564797_1'	4.3	10	10	0	1.7	10	10 No	0	Thermal Discharging
SDX311	325	'532660390_/_520564813_1'	4.3	10	10	0	1.7	10	10 No	0	Thermal Discharging
SDX311	326	'615123623_/_632042631_1'	1.8	3.33	3.33	0.34	1.5	3.33	0.51 No	0.34	Thermal Discharging
SDX311	327	'2827080_/_2827077_1'	1.83	3.33	3.33	0.34	0.9	3.33	0.51 No	0.34	Thermal Discharging
SDX311	328	'520564502_/_520564499_2'	4.3	10	10	0	1.7	10	10 No	0	Thermal Discharging
SDX311	329	'520564732_/_520564729_2'	4.3	10	10	0	1.7	10	10 No	0	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SDX311	330	'520564766_/520564763_2'	4.3	10	10	0	1.7	10	10 No	0	Thermal Discharging
SDX311	331	'579897087_/520564813_2'	4.3	10	10	0	1.7	10	10 No	0	Thermal Discharging
SDX311	332	'520564800_/520564797_2'	4.3	10	10	0	1.7	10	10 No	0	Thermal Discharging
SDX311	333	'520564816_/520564813_3'	4.3	10	10	0	1.7	10	10 No	0	Thermal Discharging
SDX311	334	'637914869_/637914885_1'	4.4	10	10	0.05	1.7	10	10 No	0.05	Thermal Discharging
SDX311	335	'532660600_/520564831_1'	4.3	10	10	0	1.7	10	10 No	0	Thermal Discharging
SDX311	336	'520564834_/520564831_2'	4.3	10	10	0	1.7	10	10 No	0	Thermal Discharging
SDX311	337	'53403726_/520564280'	4.3	10	10	1.02	10	10	1.55 No	1.02	Thermal Discharging
SDX311	338	'53403767_/50755201'	4.3	10	10	1.02	10	10	1.55 No	1.02	Thermal Discharging
SDX311	339	'2827132_/43206425'	1.8	3.33	3.33	0.34	1.2	3.33	0.51 No	0.34	Thermal Discharging
SDX311	340	'615123529_/632042692_2'	1.77	3.33	3.33	0.34	3.33	3.33	0.51 No	0.34	Thermal Discharging
SDX311	341	'53403779_/51755192'	4.3	10	10	1.02	10	10	1.55 No	1.02	Thermal Discharging
SDX311	342	'2833983_/2833980'	1.83	3.33	3.33	0.34	0.9	3.33	0.51 No	0.34	Thermal Discharging
SDX311	343	'388298779_/2827672'	2.2	3.33	3.33	0.34	1.2	3.33	0.51 No	0.34	Thermal Discharging
SDX311	344	'615123548_/632042692_1'	1.77	3.33	3.33	0.34	0.7	3.33	0.51 No	0.34	Thermal Discharging
SDX311	345	'234067868_/51755142'	4.2	10	10	1.02	10	10	1.55 No	1.02	Thermal Discharging
SDX311	346	'428502766_/3489490_1'	4.2	10	10	1.02	3.6	10	1.55 No	1.02	Thermal Discharging
SDX311	347	'106834946_/106834806_2'	1.77	3.33	3.33	0.34	3.33	3.33	0.5 No	0.34	Thermal Discharging
SDX311	348	'637916357_/637916373_2'	4.2	10	10	0.05	1.7	10	10 No	0.05	Thermal Discharging
SDX311	349	'3489493_/3489490_2'	4.2	10	10	1.02	3.6	10	1.55 No	1.02	Thermal Discharging
SDX311	350	'53403795_/51755113'	4.2	10	10	1.02	10	10	1.55 No	1.02	Thermal Discharging
SDX311	351	'119298385_/2827626_1'	1.77	3.33	3.33	0.34	0.9	3.33	0.5 No	0.34	Thermal Discharging
SDX311	352	'53402892_/3489473'	4.2	10	10	1.02	10	10	1.55 No	1.02	Thermal Discharging
SDX311	353	'51754957_/51755051'	4.1	10	10	1.02	10	10	1.55 No	1.02	Thermal Discharging
SDX311	354	'51754905_/51754954'	4.1	10	10	1.02	10	10	1.55 No	1.02	Thermal Discharging
SDX311	355	'53402962_/51754933'	4.1	10	10	1.02	10	10	1.55 No	1.02	Thermal Discharging
SDX311	356	'119297676_/7161430'	4.1	10	10	1.02	10	10	1.55 No	1.02	Thermal Discharging
SDX311	357	'58100776_/8183591_2'	1.73	3.33	3.33	0.34	1.53	3.33	0.5 No	0.34	Thermal Discharging
SDX311	358	'53402991_/44073557'	4.1	10	10	1.02	10	10	1.54 No	1.02	Thermal Discharging
SDX311	359	'7169855_/7169852'	4.1	10	10	1.02	10	10	1.54 No	1.02	Thermal Discharging
SDX311	360	'53403005_/44067454'	4.1	10	10	1.02	10	10	1.54 No	1.02	Thermal Discharging
SDX311	361	'53403000_/44073571'	4.1	10	10	1.02	10	10	1.54 No	1.02	Thermal Discharging
SDX311	362	'58100763_/8183591_1'	1.73	3.33	3.33	0.34	0.9	3.33	0.5 No	0.34	Thermal Discharging
SDX311	363	'106834877_/106834902'	1.77	3.33	3.33	0.34	1.2	3.33	0.5 No	0.34	Thermal Discharging
SDX311	364	'387318762_/44073585'	4.1	10	10	1.02	10	10	1.54 No	1.02	Thermal Discharging
SDX311	365	'387318748_/44073599'	4.1	10	10	1.02	10	10	1.54 No	1.02	Thermal Discharging
SDX311	366	'387318747_/44073613'	4.1	10	10	1.02	10	10	1.54 No	1.02	Thermal Discharging
SDX311	367	'106834801_/106834806_1'	1.77	3.33	3.33	0.34	1.2	3.33	0.5 No	0.34	Thermal Discharging
SDX311	368	'106834836_/106834888'	1.77	3.33	3.33	0.34	1.2	3.33	0.5 No	0.34	Thermal Discharging
SDX311	369	'43325884_/43325886'	4	10	10	1.02	10	10	1.54 No	1.02	Thermal Discharging
SDX311	370	'650909386_/650908472_1'	4	10	10	0.05	10	10	10 No	0.05	Thermal Discharging
SDX311	371	'2827629_/2827626_2'	1.77	3.33	3.33	0.34	0.9	3.33	0.5 No	0.34	Thermal Discharging
SDX311	372	'650908419_/650908423'	4	10	10	1.02	10	10	1.54 No	1.02	Thermal Discharging
SDX311	373	'738727077_/650908472_2'	4	10	10	0.05	10	10	10 No	0.05	Thermal Discharging
SDX311	374	'387318685_/119297640'	4	10	10	1.02	10	10	1.54 No	1.02	Thermal Discharging
SDX311	375	'2826781_/2826779_1'	1.7	3.33	3.33	0.34	0.9	3.33	0.5 No	0.34	Thermal Discharging
SDX311	376	'387318686_/119297619'	4	10	10	1.02	10	10	1.54 No	1.02	Thermal Discharging
SDX311	377	'385182145_/43325475'	4	10	10	1.02	10	10	1.54 No	1.02	Thermal Discharging
SDX311	378	'53403754_/51520812_1'	1.7	3.33	3.33	0.34	1.2	3.33	0.5 No	0.34	Thermal Discharging
SDX311	379	'53403747_/51520771'	1.7	3.33	3.33	0.34	3.33	3.33	0.5 No	0.34	Thermal Discharging
SDX311	380	'43325437_/43325439'	4	10	10	1.02	10	10	1.54 No	1.02	Thermal Discharging
SDX311	381	'3487724_/3487774'	3.9	10	10	1.02	10	10	1.54 No	1.02	Thermal Discharging
SDX311	382	'650908456_/650908472_3'	3.9	10	10	0.05	10	10	10 No	0.05	Thermal Discharging
SDX311	383	'385182456_/7171782'	3.9	10	10	1.02	10	10	1.54 No	1.02	Thermal Discharging
SDX311	384	'385182674_/385182676'	3.9	10	10	1.02	10	10	1.54 No	1.02	Thermal Discharging
SDX311	385	'428502731_/43326266_1'	1.67	3.33	3.33	0.34	1.2	3.33	0.5 No	0.34	Thermal Discharging
SDX311	386	'385182730_/385182732'	3.9	10	10	1.02	10	10	1.54 No	1.02	Thermal Discharging
SDX311	387	'2826782_/2826779_2'	1.7	3.33	3.33	0.34	0.9	3.33	0.5 No	0.34	Thermal Discharging
SDX311	388	'51520805_/51520812_2'	1.7	3.33	3.33	0.34	1.2	3.33	0.5 No	0.34	Thermal Discharging
SDX311	389	'385182768_/385182770'	3.9	10	10	1.02	10	10	1.54 No	1.02	Thermal Discharging
SDX311	390	'51520898_/43326266_2'	1.67	3.33	3.33	0.34	1.2	3.33	0.5 No	0.34	Thermal Discharging
SDX311	391	'2826748_/2826746'	1.67	3.33	3.33	0.34	0.9	3.33	0.5 No	0.34	Thermal Discharging
SDX311	392	'385182806_/385182808'	3.8	10	10	1.02	10	10	1.54 No	1.02	Thermal Discharging
SDX311	393	'119781792_/119781797'	1.8	3.33	3.33	0.34	1.2	3.33	0.5 No	0.34	Thermal Discharging
SDX311	394	'3487723_/3487721'	3.8	10	10	1.02	10	10	1.54 No	1.02	Thermal Discharging
SDX311	395	'119781833_/119781858'	1.8	3.33	3.33	0.34	1.2	3.33	0.5 No	0.34	Thermal Discharging
SDX311	396	'632042278_/3487844_1'	3.8	10	10	1.02	10	10	1.54 No	1.02	Thermal Discharging
SDX311	397	'7171948_/3487844_2'	3.8	10	10	1.02	10	10	1.54 No	1.02	Thermal Discharging
SDX311	398	'51520917_/51520895'	1.67	3.33	3.33	0.34	1.2	3.33	0.5 No	0.34	Thermal Discharging
SDX311	399	'43325497_/43325499'	3.8	10	10	1.02	10	10	1.54 No	1.02	Thermal Discharging
SDX311	400	'3487809_/3487824'	3.8	10	10	1.02	10	10	1.54 No	1.02	Thermal Discharging
SDX311	401	'3487756_/3487754_1'	3.8	10	10	1.02	3.7	10	1.54 No	1.02	Thermal Discharging
SDX311	402	'119781759_/119781844'	1.8	3.33	3.33	0.34	1.2	3.33	0.5 No	0.34	Thermal Discharging
SDX311	403	'3490862_/3490973'	3.8	10	10	1.02	10	10	1.54 No	1.02	Thermal Discharging
SDX311	404	'471330369_/3490896'	3.7	10	10	1.02	10	10	1.54 No	1.02	Thermal Discharging
SDX311	405	'51520936_/51520914'	1.67	3.33	3.33	0.34	1.2	3.33	0.5 No	0.34	Thermal Discharging
SDX311	406	'43326462_/43326464'	3.7	10	10	1.02	10	10	1.54 No	1.02	Thermal Discharging
SDX311	407	'350866771_/3487754_2'	3.7	10	10	1.02	3.7	10	1.54 No	1.02	Thermal Discharging
SDX311	408	'3490861_/3490859'	3.7	10	10	1.02	10	10	1.54 No	1.02	Thermal Discharging
SDX311	409	'43326449_/3490993'	3.7	10	10	1.02	10	10	1.54 No	1.02	Thermal Discharging
SDX311	410	'471330878_/43325548'	3.7	10	10	1.02	10	10	1.54 No	1.02	Thermal Discharging
SDX311	411	'43326436_/3491010'	3.7	10	10	1.02	10	10	1.54 No	1.02	Thermal Discharging
SDX311	412	'350866811_/350866775'	3.7	10	10	1.02	3.7	10	1.54 No	1.02	Thermal Discharging
SDX311	413	'3490915_/3490949'	2.4	6.67	6.67	0.68	5.6	6.67	1.03 No	0.68	Thermal Discharging
SDX311	414	'43326423_/3491090'	3.7	10	10	1.02	10	10	1.54 No	1.02	Thermal Discharging
SDX311	415	'3491161_/3491158'	3.7	10	10	1.02	10	10	1.54 No	1.02	Thermal Discharging
SDX311	416	'51520864_/51520933'	1.67	3.33	3.33	0.34	1.2	3.33	0.5 No	0.34	Thermal Discharging
SDX311	417	'3491178_/3491175'	3.7	10	10	1.02	10	10	1.54 No	1.02	Thermal Discharging
SDX311	418	'350866849_/350866813'	3.6	10	10	1.02	3.7	10	1.54 No	1.02	Thermal Discharging
SDX311	419	'110523687_/110523774'	1.8	3.33	3.33	0.34	1.2	3.33	0.5 No	0.34	Thermal Discharging
SDX311	420	'7122322_/43207859'	1.67	3.33	3.33	0.34	1.2	3.33	0.5 No	0.34	Thermal Discharging
SDX311	421	'110523740_/110523745'	1.8	3.33	3.33	0.34	1.2	3.33	0.5 No	0.34	Thermal Discharging
SDX311	422	'3486133_/3490717'	3.6	10	10	1.02	10	10	1.54 No	1.02	Thermal Discharging
SDX311	423	'110523644_/110523698'	1.8	3.33	3.33	0.34	1.2	3.33	0.5 No	0.34	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SDX311	424	'43326480_/3490913'	2.33	6.67	6.67	0.68	5.6	6.67	1.03 No	0.68	Thermal Discharging
SDX311	425	'350866887_/350866851'	3.6	10	10	1.02	3.7	10	1.54 No	1.02	Thermal Discharging
SDX311	426	'3486132_/3486130'	3.6	10	10	1.02	10	10	1.54 No	1.02	Thermal Discharging
SDX311	427	'471330749_/43324976'	3.6	10	10	1.02	10	10	1.54 No	1.02	Thermal Discharging
SDX311	428	'350866925_/350866889'	3.5	10	10	1.02	3.7	10	1.54 No	1.02	Thermal Discharging
SDX311	429	'471330780_/471330753'	3.5	10	10	1.02	10	10	1.54 No	1.02	Thermal Discharging
SDX311	430	'350866963_/350866927'	3.4	10	10	1.02	3.7	10	1.54 No	1.02	Thermal Discharging
SDX311	431	'725196892_/61911097'	1.8	3.33	3.33	0.34	1.2	3.33	0.5 No	0.34	Thermal Discharging
SDX311	432	'471331255_/471330784'	3.5	10	10	1.02	10	10	1.54 No	1.02	Thermal Discharging
SDX311	433	'725196830_/725196920'	1.8	3.33	3.33	0.34	1.2	3.33	0.5 No	0.34	Thermal Discharging
SDX311	434	'725196848_/725196876'	1.8	3.33	3.33	0.34	1.2	3.33	0.5 No	0.34	Thermal Discharging
SDX311	435	'3486109_/471331259'	3.5	10	10	1.02	10	10	1.54 No	1.02	Thermal Discharging
SDX311	436	'43325376_/350866965'	3.4	10	10	1.02	3.7	10	1.54 No	1.02	Thermal Discharging
SDX311	437	'44054448_/7161417_2'	1.47	3.33	3.33	0.34	1.2	3.33	0.5 No	0.34	Thermal Discharging
SDX311	438	'471331189_/3486232'	3.5	10	10	1.02	10	10	1.53 No	1.02	Thermal Discharging
SDX311	439	'471331296_/471331293'	3.5	10	10	1.02	10	10	1.53 No	1.02	Thermal Discharging
SDX311	440	'53402966_/7161417_1'	1.47	3.33	3.33	0.34	1.2	3.33	0.5 No	0.34	Thermal Discharging
SDX311	441	'471331390_/471331350_1'	3.5	10	10	0	10	10	10 No	0	Thermal Discharging
SDX311	442	'471331353_/471331350_2'	3.5	10	10	0	10	10	10 No	0	Thermal Discharging
SDX311	443	'632874799_/471331405_1'	3.5	10	10	0	10	10	10 No	0	Thermal Discharging
SDX311	444	'471331401_/471331405_2'	3.5	10	10	0	10	10	10 No	0	Thermal Discharging
SDX311	445	'471331418_/471331422'	3.5	10	10	0	10	10	10 No	0	Thermal Discharging
SDX311	446	'471331435_/471331439'	3.5	10	10	0	10	10	10 No	0	Thermal Discharging
SDX311	447	'43324950_/471331193'	3.5	10	10	1.02	10	10	1.53 No	1.02	Thermal Discharging
SDX311	448	'471331452_/471331456'	3.5	10	10	0	10	10	10 No	0	Thermal Discharging
SDX311	449	'51522024_/9398430_1'	1.47	3.33	3.33	0.34	1.2	3.33	0.5 No	0.34	Thermal Discharging
SDX311	450	'44054460_/44054450'	1.47	3.33	3.33	0.34	1.2	3.33	0.5 No	0.34	Thermal Discharging
SDX311	451	'612852254_/725196852'	1.8	3.33	3.33	0.34	1.2	3.33	0.5 No	0.34	Thermal Discharging
SDX311	452	'612852183_/612852282'	1.8	3.33	3.33	0.34	1.2	3.33	0.5 No	0.34	Thermal Discharging
SDX311	453	'612852153_/612852199'	1.8	3.33	3.33	0.34	1.2	3.33	0.5 No	0.34	Thermal Discharging
SDX311	454	'3487507_/43325378'	3.3	10	10	1.02	3.7	10	1.53 No	1.02	Thermal Discharging
SDX311	455	'74395185_/3487504'	3.2	10	10	1.02	3.7	10	1.53 No	1.02	Thermal Discharging
SDX311	456	'540175500_/612852157'	1.83	3.33	3.33	0.34	1.2	3.33	0.5 No	0.34	Thermal Discharging
SDX311	457	'540175436_/540175530'	1.83	3.33	3.33	0.34	1.2	3.33	0.5 No	0.34	Thermal Discharging
SDX311	458	'385182475_/43325452'	1.4	3.33	3.33	0.34	3.33	3.33	0.5 No	0.34	Thermal Discharging
SDX311	459	'540175454_/540175484'	1.83	3.33	3.33	0.34	1.2	3.33	0.5 No	0.34	Thermal Discharging
SDX311	460	'7171772_/7171769'	1.4	3.33	3.33	0.34	3.33	3.33	0.5 No	0.34	Thermal Discharging
SDX311	461	'74395140_/74395190'	3.1	10	10	1.02	3.7	10	1.53 No	1.02	Thermal Discharging
SDX311	462	'581082517_/7171962_2'	1.37	3.33	3.33	0.34	1.2	3.33	0.5 No	0.34	Thermal Discharging
SDX311	463	'68897349_/7171962_1'	1.37	3.33	3.33	0.34	1.2	3.33	0.5 No	0.34	Thermal Discharging
SDX311	464	'540175369_/540175458'	1.83	3.33	3.33	0.34	1.2	3.33	0.5 No	0.34	Thermal Discharging
SDX311	465	'540175295_/540175399'	1.83	3.33	3.33	0.34	1.2	3.33	0.5 No	0.34	Thermal Discharging
SDX311	466	'74395064_/74395145'	3.1	10	10	1.02	3.7	10	1.53 No	1.02	Thermal Discharging
SDX311	467	'540175313_/540175343'	1.83	3.33	3.33	0.34	1.2	3.33	0.5 No	0.34	Thermal Discharging
SDX311	468	'111105716_/581082523'	1.37	3.33	3.33	0.34	1.2	3.33	0.5 No	0.34	Thermal Discharging
SDX311	469	'44054472_/44054462'	1.5	3.33	3.33	0.34	1.2	3.33	0.5 No	0.34	Thermal Discharging
SDX311	470	'111105737_/111105720'	1.37	3.33	3.33	0.34	1.2	3.33	0.5 No	0.34	Thermal Discharging
SDX311	471	'74394940_/74395069'	3	10	10	1.02	3.7	10	1.53 No	1.02	Thermal Discharging
SDX311	472	'385182550_/111105739'	1.37	3.33	3.33	0.34	1.2	3.33	0.5 No	0.34	Thermal Discharging
SDX311	473	'65649205_/3490931_1'	1.27	3.33	3.33	0.34	1.2	3.33	0.5 No	0.34	Thermal Discharging
SDX311	474	'578076900_/578076990'	1.83	3.33	3.33	0.34	1.2	3.33	0.5 No	0.34	Thermal Discharging
SDX311	475	'578076962_/540175317'	1.83	3.33	3.33	0.34	1.2	3.33	0.5 No	0.34	Thermal Discharging
SDX311	476	'578076918_/578076946'	1.83	3.33	3.33	0.34	1.2	3.33	0.5 No	0.34	Thermal Discharging
SDX311	477	'3487506_/74394945'	3	10	10	1.02	3.7	10	1.53 No	1.02	Thermal Discharging
SDX311	478	'74394848_/74394855'	2.9	10	10	1.02	3.7	10	1.53 No	1.02	Thermal Discharging
SDX311	479	'8759284_/9398430_2'	1.47	3.33	3.33	0.34	1.2	3.33	0.5 No	0.34	Thermal Discharging
SDX311	480	'44069236_/3490931_2'	1.27	3.33	3.33	0.34	1.2	3.33	0.5 No	0.34	Thermal Discharging
SDX311	481	'61911093_/578076922'	1.77	3.33	3.33	0.34	1.2	3.33	0.5 No	0.34	Thermal Discharging
SDX311	482	'686413485_/686413501'	1.77	3.33	3.33	0.34	1.2	3.33	0.5 No	0.34	Thermal Discharging
SDX311	483	'74394599_/3489521'	2.9	10	10	1.02	3.7	10	1.53 No	1.02	Thermal Discharging
SDX311	484	'74394577_/74394289'	2.8	10	10	1.02	3.7	10	1.53 No	1.02	Thermal Discharging
SDX311	485	'44054484_/44054474'	1.5	3.33	3.33	0.34	1.2	3.33	0.5 No	0.34	Thermal Discharging
SDX311	486	'471331161_/43324990_1'	1.23	3.33	3.33	0.34	1.2	3.33	0.49 No	0.34	Thermal Discharging
SDX311	487	'686413523_/686413539'	1.63	3.33	3.33	0.34	1.2	3.33	0.5 No	0.34	Thermal Discharging
SDX311	488	'74394763_/74394768'	2.8	10	10	1.02	3.7	10	1.53 No	1.02	Thermal Discharging
SDX311	489	'43324988_/43324990_2'	1.23	3.33	3.33	0.34	1.2	3.33	0.49 No	0.34	Thermal Discharging
SDX311	490	'474147215_/474147182_2'	1.23	3.33	3.33	0.34	3.33	3.33	0.49 No	0.34	Thermal Discharging
SDX311	491	'474147197_/474147182_1'	1.23	3.33	3.33	0.34	1.9	3.33	0.49 No	0.34	Thermal Discharging
SDX311	492	'123426888_/123426899'	2.7	10	10	1.02	3.7	10	1.53 No	1.02	Thermal Discharging
SDX311	493	'126230823_/123427081_1'	2.7	10	10	1.02	2.2	10	1.53 No	1.02	Thermal Discharging
SDX311	494	'474147396_/474147261_2'	1.23	3.33	3.33	0.34	3.33	3.33	0.49 No	0.34	Thermal Discharging
SDX311	495	'474147289_/474147261_1'	1.23	3.33	3.33	0.34	1.9	3.33	0.49 No	0.34	Thermal Discharging
SDX311	496	'474147471_/474147299_2'	1.23	3.33	3.33	0.34	3.33	3.33	0.49 No	0.34	Thermal Discharging
SDX311	497	'471331515_/43324965'	1.23	3.33	3.33	0.34	1.2	3.33	0.49 No	0.34	Thermal Discharging
SDX311	498	'474147309_/474147299_1'	1.23	3.33	3.33	0.34	1.9	3.33	0.49 No	0.34	Thermal Discharging
SDX311	499	'123427070_/123427081_2'	2.7	10	10	1.02	2.2	10	1.53 No	1.02	Thermal Discharging
SDX311	500	'8759285_/8759282'	1.47	3.33	3.33	0.34	1.2	3.33	0.5 No	0.34	Thermal Discharging
SDX311	501	'44054496_/44054486'	1.5	3.33	3.33	0.34	1.2	3.33	0.49 No	0.34	Thermal Discharging
SDX311	502	'44069224_/44069238'	1.3	3.33	3.33	0.34	1.2	3.33	0.49 No	0.34	Thermal Discharging
SDX311	503	'74395433_/7896989_1'	1.03	3.33	3.33	0.34	0.8	3.33	0.49 No	0.34	Thermal Discharging
SDX311	504	'7136083_/44054498'	1.53	3.33	3.33	0.34	1.2	3.33	0.49 No	0.34	Thermal Discharging
SDX311	505	'7896991_/7896989_2'	1.03	3.33	3.33	0.34	0.8	3.33	0.49 No	0.34	Thermal Discharging
SDX311	506	'7896976_/8522017'	1.03	3.33	3.33	0.34	0.8	3.33	0.49 No	0.34	Thermal Discharging
SDX311	507	'44054507_/7136081'	1.53	3.33	3.33	0.34	1.2	3.33	0.49 No	0.34	Thermal Discharging
SDX311	508	'44069212_/44069226'	1.3	3.33	3.33	0.34	1.2	3.33	0.49 No	0.34	Thermal Discharging
SDX311	509	'7896975_/7896973'	1.03	3.33	3.33	0.34	0.8	3.33	0.49 No	0.34	Thermal Discharging
SDX311	510	'44054519_/44054509'	1.53	3.33	3.33	0.34	1.2	3.33	0.49 No	0.34	Thermal Discharging
SDX311	511	'8840417_/9157183'	1.03	3.33	3.33	0.34	0.8	3.33	0.49 No	0.34	Thermal Discharging
SDX311	512	'102214434_/102214439'	1.03	3.33	3.33	0.34	0.8	3.33	0.49 No	0.34	Thermal Discharging
SDX311	513	'102214483_/102214508'	1.03	3.33	3.33	0.34	0.8	3.33	0.49 No	0.34	Thermal Discharging
SDX311	514	'102214392_/102214494'	1.03	3.33	3.33	0.34	0.8	3.33	0.49 No	0.34	Thermal Discharging
SDX311	515	'44054531_/44054521'	1.57	3.33	3.33	0.34	1.2	3.33	0.49 No	0.34	Thermal Discharging
SDX311	516	'57544957_/57544863_2'	1.57	3.33	3.33	0.34	1.2	3.33	0.49 No	0.34	Thermal Discharging
SDX311	517	'57544884_/57544863_1'	1.53	3.33	3.33	0.34	0.7	3.33	0.49 No	0.34	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SDX311	518	'57544908_/57544887'		1.53	3.33	3.33	0.34	0.7	3.33	0.49 No	0.34 Thermal Discharging
SDX311	519	'7577668_/8840415'		1.03	3.33	3.33	0.34	0.8	3.33	0.49 No	0.34 Thermal Discharging
SDX311	520	'44069200_/44069214'		1.2	3.33	3.33	0.34	1.2	3.33	0.49 No	0.34 Thermal Discharging
SDX311	521	'57544932_/57544911'		1.5	3.33	3.33	0.34	0.7	3.33	0.49 No	0.34 Thermal Discharging
SDX311	522	'7263147_/7577665'		1.03	3.33	3.33	0.34	0.8	3.33	0.49 No	0.34 Thermal Discharging
SDX311	523	'57544938_/57544935'		1.47	3.33	3.33	0.34	0.7	3.33	0.49 No	0.34 Thermal Discharging
SDX311	524	'44069248_/3487738'		1.13	3.33	3.33	0.34	1.2	3.33	0.49 No	0.34 Thermal Discharging
SDX311	525	'7263148_/7263145'		1.03	3.33	3.33	0.34	0.8	3.33	0.49 No	0.34 Thermal Discharging
SDX311	526	'44054543_/44054533'		1.43	3.33	3.33	0.34	1.2	3.33	0.49 No	0.34 Thermal Discharging
SDX311	527	'7136084_/44054545'		1.43	3.33	3.33	0.34	1.2	3.33	0.49 No	0.34 Thermal Discharging
SDX311	528	'9469377_/9469390'		1.03	3.33	3.33	0.34	0.8	3.33	0.49 No	0.34 Thermal Discharging
SDX311	529	'8211803_/9469374'		1.03	3.33	3.33	0.34	0.8	3.33	0.49 No	0.34 Thermal Discharging
SDX311	530	'8211788_/8211801'		1.03	3.33	3.33	0.34	0.8	3.33	0.49 No	0.34 Thermal Discharging
SDX311	531	'44069260_/44069250'		1	3.33	3.33	0.34	1.2	3.33	0.49 No	0.34 Thermal Discharging
SDX311	532	'8211787_/8211785'		0.97	3.33	3.33	0.34	0.8	3.33	0.49 No	0.34 Thermal Discharging
SDX311	533	'8521983_/8521981'		0.93	3.33	3.33	0.34	0.8	3.33	0.49 No	0.34 Thermal Discharging
SDX311	534	'44069272_/44069262'		0.9	3.33	3.33	0.34	1.2	3.33	0.49 No	0.34 Thermal Discharging
SDX311	535	'3487594_/44069274'		0.87	3.33	3.33	0.34	1.2	3.33	0.49 No	0.34 Thermal Discharging
SDX311	536	'7896944_/9156843'		0.9	3.33	3.33	0.34	0.8	3.33	0.49 No	0.34 Thermal Discharging
SDX311	537	'43536999_/435369996'		0.87	3.33	3.33	0.34	1.2	3.33	0.49 No	0.34 Thermal Discharging
SDX311	538	'3489582_/3489564'		0.87	3.33	3.33	0.34	1.2	3.33	0.49 No	0.34 Thermal Discharging
SDX311	539	'435370028_/435370025'		0.87	3.33	3.33	0.34	1.2	3.33	0.49 No	0.34 Thermal Discharging
SDX311	540	'7577652_/9156875_1'		0.8	3.33	3.33	0.34	0.7	3.33	0.49 No	0.34 Thermal Discharging
SDX311	541	'3489583_/3489580'		0.87	3.33	3.33	0.34	1.2	3.33	0.49 No	0.34 Thermal Discharging
SDX311	542	'7263116_/7896941'		0.87	3.33	3.33	0.34	0.8	3.33	0.49 No	0.34 Thermal Discharging
SDX311	543	'435370067_/435370064'		0.83	3.33	3.33	0.34	1.2	3.33	0.49 No	0.34 Thermal Discharging
SDX311	544	'7263115_/7263113'		0.83	3.33	3.33	0.34	0.8	3.33	0.49 No	0.34 Thermal Discharging
SDX311	545	'7263131_/7263129'		0.83	3.33	3.33	0.34	0.8	3.33	0.49 No	0.34 Thermal Discharging
SDX311	546	'9156861_/9156859'		0.8	3.33	3.33	0.34	0.8	3.33	0.49 No	0.34 Thermal Discharging
SDX311	547	'615123582_/7822434_2'		3.33	3.33	3.33	0.34	0.5	3.33	0.49 No	0.34 Thermal Discharging
SDX311	548	'7822437_/7822434_1'		3.33	3.33	3.33	0.34	0.2	3.33	0.49 No	0.2 Element Fault
SDX311	549	'8143378_/8143375'		3.33	3.33	3.33	0.34	0.2	3.33	0.49 No	0.2 Element Fault
SDX311	550	'8143377_/9716036'		3.33	3.33	3.33	0.34	0.2	3.33	0.49 No	0.2 Element Fault
SDX311	551	'66696459_/2828280_1'		10	10	10	1.02	0.9	10	1.47 No	0.9 Element Fault
SDX311	552	'66697615_/2828280_2'		10	10	10	1.02	0.9	10	1.47 No	0.9 Element Fault
SDX311	553	'66697571_/66697612'		10	10	10	1.02	0.9	10	1.47 No	0.9 Element Fault
SDX311	554	'66697452_/66697568'		10	10	10	1.02	0.9	10	1.47 No	0.9 Element Fault
SDX311	555	'66697421_/66697449'		10	10	10	1.02	0.9	10	1.47 No	0.9 Element Fault
SDX311	556	'8452249_/8452246'		1.03	3.33	3.33	0.34	0.2	3.33	0.49 No	0.2 Element Fault
SDX311	557	'66697307_/66697418'		10	10	10	1.02	0.9	10	1.47 No	0.9 Element Fault
SDX311	558	'66697245_/66697304'		10	10	10	1.02	0.9	9.92	1.47 No	0.9 Element Fault
SDX311	559	'66697115_/66697242'		2.4	10	10	1.02	0.9	9.75	1.47 No	0.9 Element Fault
SDX311	560	'2826882_/2826879_2'		10	10	10	1.02	1	9.61	1.47 No	1 Element Fault
SDX311	561	'66697045_/66697112'		2.1	10	10	1.02	0.9	9.57	1.47 No	0.9 Element Fault
SDX311	562	'9088593_/9088607'		0.77	3.33	3.33	0.34	0.2	3.21	0.49 No	0.2 Element Fault
SDX311	563	'2826865_/2826879_1'		10	10	10	1.02	1	9.42	1.47 No	1 Element Fault
SDX311	564	'7234066_/7234064_1'		10	10	10	1.02	0.6	9.39	1.47 No	0.6 Element Fault
SDX311	565	'58100796_/67923122_1'		3.33	3.33	3.33	0.34	0.3	3.02	0.49 No	0.3 Element Fault
SDX311	566	'43206499_/2826862'		10	10	10	1.02	1	9.34	1.47 No	1 Element Fault
SDX311	567	'66696864_/66697042'		1.9	10	10	1.02	0.9	9.4	1.47 No	0.9 Element Fault
SDX311	568	'396299696_/2828993_2'		10	10	10	1.02	0.7	8.99	1.47 No	0.7 Element Fault
SDX311	569	'613880172_/613880021_1'		3.33	3.33	3.33	0.34	0.1	2.97	0.49 No	0.1 Element Fault
SDX311	570	'613879938_/613880021_2'		3.33	3.33	3.33	0.34	0.1	2.97	0.49 No	0.1 Element Fault
SDX311	571	'387030005_/513376291'		10	10	10	1.02	0.3	8.97	1.47 No	0.3 Element Fault
SDX311	572	'558412998_/591171633_1'		3.33	3.33	3.33	0.34	0.1	2.97	0.49 No	0.1 Element Fault
SDX311	573	'613879952_/591171633_2'		3.33	3.33	3.33	0.34	0.1	2.96	0.49 No	0.1 Element Fault
SDX311	574	'613880105_/613879885_1'		3.33	3.33	3.33	0.34	0.1	2.96	0.49 No	0.1 Element Fault
SDX311	575	'513376230_/613879885_2'		3.33	3.33	3.33	0.34	0.1	2.96	0.49 No	0.1 Element Fault
SDX311	576	'2826828_/2826845'		10	10	10	1.02	1	9.22	1.47 No	1 Element Fault
SDX311	577	'66696784_/66696861'		1.8	10	10	1.02	0.9	9.23	1.47 No	0.9 Element Fault
SDX311	578	'613879913_/513376234'		3.33	3.33	3.33	0.34	0.1	2.93	0.49 No	0.1 Element Fault
SDX311	579	'58101093_/58101090'		10	10	10	1.02	1	9.12	1.47 No	1 Element Fault
SDX311	580	'613879969_/434205554'		3.33	3.33	3.33	0.34	0.1	2.91	0.49 No	0.1 Element Fault
SDX311	581	'702899970_/385366821'		10	10	10	1.02	0.3	8.8	1.47 No	0.3 Element Fault
SDX311	582	'2831683_/2832904'		10	10	10	1.02	0.3	8.8	1.47 No	0.3 Element Fault
SDX311	583	'2829012_/2828993_1'		10	10	10	1.02	0.7	8.78	1.47 No	0.7 Element Fault
SDX311	584	'66696609_/66696781'		1.7	10	10	1.02	0.9	9.13	1.47 No	0.9 Element Fault
SDX311	585	'2826685_/2826825'		10	10	10	1.02	1	9.03	1.47 No	1 Element Fault
SDX311	586	'614314268_/387030007'		10	10	10	1.02	0.3	8.76	1.47 No	0.3 Element Fault
SDX311	587	'471331770_/474147319'		6.67	6.67	6.67	0.68	0.8	5.95	0.98 No	0.68 Thermal Discharging
SDX311	588	'58635820_/2828508_2'		10	10	10	1.02	0.7	8.64	1.47 No	0.7 Element Fault
SDX311	589	'43206325_/2826682'		2.9	10	10	1.02	1	8.9	1.47 No	1 Element Fault
SDX311	590	'43325000_/43324952'		10	10	10	1.02	1.2	8.88	1.47 No	1.02 Thermal Discharging
SDX311	591	'49147917_/2829026_1'		3.33	3.33	3.33	0.34	0.1	2.82	0.49 No	0.1 Element Fault
SDX311	592	'614314247_/614314272'		10	10	10	1.02	0.3	8.56	1.47 No	0.3 Element Fault
SDX311	593	'2826715_/2826729'		2.6	10	10	1.02	1	8.76	1.47 No	1 Element Fault
SDX311	594	'470461460_/470461457'		3.33	3.33	3.33	0.34	0.33	2.82	0.49 No	0.33 Element Fault
SDX311	595	'396299766_/2829026_2'		3.33	3.33	3.33	0.34	0.1	2.8	0.49 No	0.1 Element Fault
SDX311	596	'49147885_/2829039'		10	10	10	1.02	0.7	8.52	1.47 No	0.7 Element Fault
SDX311	597	'471330545_/43325002'		10	10	10	1.02	1.2	8.73	1.47 No	1.02 Thermal Discharging
SDX311	598	'2828089_/2828331'		1.5	10	10	1.02	0.9	8.77	1.47 No	0.9 Element Fault
SDX311	599	'43206338_/43206340'		2.4	10	10	1.02	1	8.66	1.47 No	1 Element Fault
SDX311	600	'378653117_/9088591'		0.57	3.33	3.33	0.34	0.2	2.94	0.49 No	0.2 Element Fault
SDX311	601	'3709370_/471330551'		10	10	10	1.02	1.2	8.63	1.47 No	1.02 Thermal Discharging
SDX311	602	'474147209_/474147167_1'		3.33	3.33	3.33	0.34	0.3	2.75	0.49 No	0.3 Element Fault
SDX311	603	'474147246_/474147167_2'		3.33	3.33	3.33	0.34	0.3	2.74	0.49 No	0.3 Element Fault
SDX311	604	'474147345_/474147405_1'		3.33	3.33	3.33	0.34	0.4	2.74	0.49 No	0.34 Thermal Discharging
SDX311	605	'474147446_/474147480_1'		3.33	3.33	3.33	0.34	0.4	2.74	0.49 No	0.34 Thermal Discharging
SDX311	606	'614314226_/614314251'		10	10	10	1.02	0.3	8.34	1.47 No	0.3 Element Fault
SDX311	607	'58101549_/58101546'		2.2	10	10	1.02	1	8.51	1.47 No	1 Element Fault
SDX311	608	'7822529_/7822526'		0.53	3.33	3.33	0.34	0.2	2.88	0.49 No	0.2 Element Fault
SDX311	609	'2832887_/614314230'		10	10	10	1.02	0.3	8.25	1.47 No	0.3 Element Fault
SDX311	610	'58101512_/58101509'		2.1	10	10	1.02	1	8.38	1.47 No	1 Element Fault
SDX311	611	'2827827_/2828087'		1.3	10	10	1.02	0.9	8.38	1.47 No	0.9 Element Fault

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SDX311	612	'7234067_/7234064_2'	1.7	10	10	1.02	0.6	8.34	1.47 No	0.6	Element Fault
SDX311	613	'49147516_/8811740_1'	1.3	10	10	1.02	0.6	8.36	1.47 No	0.6	Element Fault
SDX311	614	'43206626_/2828508_1'	10	10	10	1.02	0.7	8.07	1.47 No	0.7	Element Fault
SDX311	615	'355257973_/8811740_2'	1.3	10	10	1.02	0.6	8.34	1.47 No	0.6	Element Fault
SDX311	616	'66007380_/3709431_1'	3.33	3.33	3.33	0.34	0.4	2.63	0.49 No	0.34	Thermal Discharging
SDX311	617	'43206288_/2826593'	2	10	10	1.02	1	8.2	1.47 No	1	Element Fault
SDX311	618	'43206718_/396299770'	3.33	3.33	3.33	0.34	0.1	2.63	0.49 No	0.1	Element Fault
SDX311	619	'632956492_/2827825'	1.3	10	10	1.02	0.9	8.27	1.47 No	0.9	Element Fault
SDX311	620	'611024636_/611024640'	10	10	10	1.02	0.3	8.02	1.47 No	0.3	Element Fault
SDX311	621	'2826702_/2826699'	3.33	3.33	3.33	0.34	0.3	2.63	0.49 No	0.3	Element Fault
SDX311	622	'43206301_/43206303'	1.9	10	10	1.02	1	8.12	1.47 No	1	Element Fault
SDX311	623	'67923116_/67923122_2'	3.33	3.33	3.33	0.34	0.3	2.65	0.49 No	0.3	Element Fault
SDX311	624	'3709384_/3709381'	10	10	10	1.02	1.2	8.06	1.47 No	1.02	Thermal Discharging
SDX311	625	'67923202_/67923213'	3.33	3.33	3.33	0.34	0.3	2.62	0.49 No	0.3	Element Fault
SDX311	626	'3709434_/3709431_2'	3.33	3.33	3.33	0.34	0.4	2.56	0.49 No	0.34	Thermal Discharging
SDX311	627	'611024657_/611024661'	10	10	10	1.02	0.3	7.83	1.47 No	0.3	Element Fault
SDX311	628	'3709285_/3709401'	10	10	10	1.02	1.2	7.96	1.47 No	1.02	Thermal Discharging
SDX311	629	'2828564_/43206628'	10	10	10	1.02	0.7	7.79	1.47 No	0.7	Element Fault
SDX311	630	'67923161_/67923227'	3.33	3.33	3.33	0.34	0.3	2.59	0.49 No	0.3	Element Fault
SDX311	631	'3709286_/3709283'	10	10	10	1.02	1.2	7.86	1.47 No	1.02	Thermal Discharging
SDX311	632	'8144506_/8144503'	0.47	3.33	3.33	0.34	0.2	2.67	0.49 No	0.2	Element Fault
SDX311	633	'2826562_/2826576'	1.7	10	10	1.02	1	7.87	1.47 No	1	Element Fault
SDX311	634	'7512117_/8144519'	0.47	3.33	3.33	0.34	0.2	2.67	0.49 No	0.2	Element Fault
SDX311	635	'2827828_/632956496'	1.1	10	10	1.02	0.9	7.91	1.47 No	0.9	Element Fault
SDX311	636	'43206707_/2829114'	3.33	3.33	3.33	0.34	0.1	2.51	0.49 No	0.1	Element Fault
SDX311	637	'3486166_/7125076'	3.33	3.33	3.33	0.34	0.4	2.51	0.49 No	0.34	Thermal Discharging
SDX311	638	'117717288_/3709334'	10	10	10	1.02	1.2	7.77	1.47 No	1.02	Thermal Discharging
SDX311	639	'43207344_/2832884'	10	10	10	1.02	0.3	7.64	1.47 No	0.3	Element Fault
SDX311	640	'402683631_/402683495_1'	10	10	10	1.02	0.8	7.76	1.47 No	0.8	Element Fault
SDX311	641	'453334600_/381516976'	1.1	10	10	1.02	0.6	7.82	1.47 No	0.6	Element Fault
SDX311	642	'415037183_/415037104_1'	0.87	3.33	3.33	0.34	0.2	2.46	0.49 No	0.2	Element Fault
SDX311	643	'3709303_/3709300'	10	10	10	1.02	1.2	7.69	1.47 No	1.02	Thermal Discharging
SDX311	644	'611024615_/611024619'	2.2	10	10	1.02	0.3	7.55	1.47 No	0.3	Element Fault
SDX311	645	'2825107_/2826559'	1.5	10	10	1.02	1	7.66	1.47 No	1	Element Fault
SDX311	646	'8811743_/453334618'	1.1	10	10	1.02	0.6	7.74	1.47 No	0.6	Element Fault
SDX311	647	'3486167_/3486164'	3.33	3.33	3.33	0.34	0.4	2.45	0.49 No	0.34	Thermal Discharging
SDX311	648	'43367392_/3709317'	10	10	10	1.02	1.2	7.59	1.47 No	1.02	Thermal Discharging
SDX311	649	'415037107_/415037104_2'	3.33	3.33	3.33	0.34	0.2	2.43	0.49 No	0.2	Element Fault
SDX311	650	'611024594_/611024598'	2	10	10	1.02	0.3	7.45	1.47 No	0.3	Element Fault
SDX311	651	'58100554_/58101474'	1.5	10	10	1.02	1	7.56	1.47 No	1	Element Fault
SDX311	652	'117717522_/7122254'	10	10	10	1.02	1.2	7.54	1.47 No	1.02	Thermal Discharging
SDX311	653	'731747016_/70318935'	3.33	3.33	3.33	0.34	0.3	2.47	0.49 No	0.3	Element Fault
SDX311	654	'355432187_/355432189'	1.5	10	10	1.02	1	7.52	1.47 No	1	Element Fault
SDX311	655	'449431590_/2827842'	1	10	10	1.02	0.9	7.6	1.47 No	0.9	Element Fault
SDX311	656	'449756671_/449431598'	1	10	10	1.02	0.9	7.58	1.47 No	0.9	Element Fault
SDX311	657	'117717502_/117717524'	10	10	10	1.02	1.2	7.47	1.47 No	1.02	Thermal Discharging
SDX311	658	'58100605_/58101443'	1.5	10	10	1.02	1	7.49	1.47 No	1	Element Fault
SDX311	659	'108333917_/108333914'	0.4	3.33	3.33	0.34	0.2	2.54	0.49 No	0.2	Element Fault
SDX311	660	'611024573_/611024577'	1.8	10	10	1.02	0.3	7.33	1.47 No	0.3	Element Fault
SDX311	661	'108333896_/108333940'	0.4	3.33	3.33	0.34	0.2	2.53	0.49 No	0.2	Element Fault
SDX311	662	'2833598_/117717504'	3.5	10	10	1.02	1.2	7.41	1.47 No	1.02	Thermal Discharging
SDX311	663	'3486180_/3486177'	3.33	3.33	3.33	0.34	0.4	2.38	0.49 No	0.34	Thermal Discharging
SDX311	664	'108333955_/108333981'	0.4	3.33	3.33	0.34	0.2	2.52	0.49 No	0.2	Element Fault
SDX311	665	'2825059_/2825104'	1.4	10	10	1.02	1	7.4	1.47 No	1	Element Fault
SDX311	666	'68642727_/449756673_1'	1	10	10	1.02	0.9	7.48	1.47 No	0.9	Element Fault
SDX311	667	'755695749_/755695716_1'	1.4	10	10	1.02	0.6	7.39	1.47 No	0.6	Element Fault
SDX311	668	'70318929_/731747038'	3.33	3.33	3.33	0.34	0.3	2.42	0.49 No	0.3	Element Fault
SDX311	669	'70319027_/70319038'	1	3.33	3.33	0.34	0.3	2.42	0.49 No	0.3	Element Fault
SDX311	670	'611024552_/611024556'	1.7	10	10	1.02	0.3	7.24	1.47 No	0.3	Element Fault
SDX311	671	'2826531_/2833596'	3.2	10	10	1.02	1.2	7.34	1.47 No	1.02	Thermal Discharging
SDX311	672	'70318970_/70319052'	1	3.33	3.33	0.34	0.3	2.41	0.49 No	0.3	Element Fault
SDX311	673	'43206755_/2829101'	3.33	3.33	3.33	0.34	0.1	2.37	0.49 No	0.1	Element Fault
SDX311	674	'8811667_/8811664'	1.2	10	10	1.02	0.6	7.43	1.47 No	0.6	Element Fault
SDX311	675	'8183890_/402683495_2'	2.7	10	10	1.02	0.8	7.33	1.47 No	0.8	Element Fault
SDX311	676	'2825029_/2825027'	1.4	10	10	1.02	1	7.32	1.47 No	1	Element Fault
SDX311	677	'43205966_/2826529'	3	10	10	1.02	1.2	7.27	1.47 No	1.02	Thermal Discharging
SDX311	678	'2828528_/2829056'	1.6	10	10	1.02	0.7	7.19	1.47 No	0.7	Element Fault
SDX311	679	'68642858_/68642869'	0.9	10	10	1.02	0.9	7.38	1.47 No	0.9	Primary Over-Voltage
SDX311	680	'2831730_/2831744'	1.6	10	10	1.02	0.3	7.15	1.47 No	0.3	Element Fault
SDX311	681	'2825980_/2826512'	2.9	10	10	1.02	1.2	7.23	1.47 No	1.02	Thermal Discharging
SDX311	682	'2825013_/2825087'	1.4	10	10	1.02	1	7.25	1.47 No	1	Element Fault
SDX311	683	'3486193_/3486190'	3.33	3.33	3.33	0.34	0.4	2.33	0.49 No	0.34	Thermal Discharging
SDX311	684	'611024506_/611024512'	1.5	10	10	1.02	0.3	7.09	1.47 No	0.3	Element Fault
SDX311	685	'2825996_/2826495'	2.8	10	10	1.02	1.2	7.17	1.47 No	1.02	Thermal Discharging
SDX311	686	'2825979_/2825977'	2.8	10	10	1.02	1.2	7.16	1.47 No	1.02	Thermal Discharging
SDX311	687	'68642989_/68643000'	0.9	10	10	1.02	0.9	7.27	1.47 No	0.9	Primary Over-Voltage
SDX311	688	'2825012_/2825010'	1.3	10	10	1.02	1	7.18	1.47 No	1	Element Fault
SDX311	689	'7860512_/9127299_1'	1.3	10	10	1.02	0.6	7.17	1.47 No	0.6	Element Fault
SDX311	690	'3709421_/3709418'	3.33	3.33	3.33	0.34	0.4	2.29	0.49 No	0.34	Thermal Discharging
SDX311	691	'611024529_/611024535'	1.5	10	10	1.02	0.3	7.04	1.47 No	0.3	Element Fault
SDX311	692	'2826055_/2826087'	2.8	10	10	1.02	1.2	7.13	1.47 No	1.02	Thermal Discharging
SDX311	693	'2827733_/2827731_1'	0.4	3.33	3.33	0.34	0.2	2.37	0.49 No	0.2	Element Fault
SDX311	694	'43206565_/2827876'	0.9	10	10	1.02	0.9	7.2	1.47 No	0.9	Primary Over-Voltage
SDX311	695	'2826056_/2826053'	2.7	10	10	1.02	1.2	7.08	1.47 No	1.02	Thermal Discharging
SDX311	696	'3709592_/7122234'	2.7	10	10	1.02	1.2	7.07	1.47 No	1.02	Thermal Discharging
SDX311	697	'43207370_/2831727'	1.4	10	10	1.02	0.3	6.95	1.47 No	0.3	Element Fault
SDX311	698	'7512118_/7512115'	0.37	3.33	3.33	0.34	0.2	2.4	0.49 No	0.2	Element Fault
SDX311	699	'3486206_/3486203'	3.33	3.33	3.33	0.34	0.4	2.27	0.49 No	0.34	Thermal Discharging
SDX311	700	'43206144_/2826070'	2.7	10	10	1.02	1.2	7.03	1.47 No	1.02	Thermal Discharging
SDX311	701	'68643148_/68643157'	0.9	10	10	1.02	0.9	7.13	1.47 No	0.9	Primary Over-Voltage
SDX311	702	'2830516_/2831681'	1.3	10	10	1.02	0.3	6.96	1.47 No	0.3	Element Fault
SDX311	703	'2826633_/2826630'	0.67	3.33	3.33	0.34	0.3	2.27	0.49 No	0.3	Element Fault
SDX311	704	'7860588_/9127319_1'	0.53	3.33	3.33	0.34	0.2	2.26	0.49 No	0.2	Element Fault
SDX311	705	'43206264_/43206266'	1.3	10	10	1.02	1	7.02	1.47 No	1	Element Fault

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SDX311	706	'2825262_/43206146'	2.6	10	10	1.02	1.2	6.99	1.47 No	1.02	Thermal Discharging
SDX311	707	'2827734_/2827731_2'	0.4	3.33	3.33	0.34	0.2	2.33	0.49 No	0.2	Element Fault
SDX311	708	'480351828_/480351832'	1.4	10	10	1.02	0.3	6.9	1.47 No	0.3	Element Fault
SDX311	709	'480351857_/9127439_2'	1.4	10	10	1.02	0.3	6.89	1.47 No	0.3	Element Fault
SDX311	710	'3709575_/3709589'	2.5	10	10	1.02	1.2	6.97	1.47 No	1.02	Thermal Discharging
SDX311	711	'383130366_/68643286'	0.9	10	10	1.02	0.9	7.08	1.47 No	0.9	Primary Over-Voltage
SDX311	712	'2825279_/2825276'	2.6	10	10	1.02	1.2	6.95	1.47 No	1.02	Thermal Discharging
SDX311	713	'43206131_/2825293'	2.6	10	10	1.02	1.2	6.92	1.47 No	1.02	Thermal Discharging
SDX311	714	'68643277_/383130370'	0.9	10	10	1.02	0.9	7.04	1.47 No	0.9	Primary Over-Voltage
SDX311	715	'58100497_/2825154'	1.2	10	10	1.02	1	6.94	1.47 No	1	Element Fault
SDX311	716	'58100555_/2825057'	0.53	3.33	3.33	0.34	0.33	2.23	0.49 No	0.33	Element Fault
SDX311	717	'2825313_/2825310'	2.5	10	10	1.02	1.2	6.9	1.47 No	1.02	Thermal Discharging
SDX311	718	'611024256_/611024260'	1.3	10	10	1.02	0.3	6.81	1.47 No	0.3	Element Fault
SDX311	719	'3486222_/3486219'	3.33	3.33	3.33	0.34	0.4	2.23	0.49 No	0.34	Thermal Discharging
SDX311	720	'148846094_/43206567'	0.9	10	10	1.02	0.9	6.99	1.47 No	0.9	Primary Over-Voltage
SDX311	721	'3709558_/3709572'	2.4	10	10	1.02	1.2	6.88	1.47 No	1.02	Thermal Discharging
SDX311	722	'2825330_/2825327'	2.5	10	10	1.02	1.2	6.87	1.47 No	1.02	Thermal Discharging
SDX311	723	'38725266_/8117454_1'	2.4	10	10	1.02	1.2	6.87	1.47 No	1.02	Thermal Discharging
SDX311	724	'58100460_/2825171'	1.2	10	10	1.02	1	6.88	1.47 No	1	Element Fault
SDX311	725	'66007597_/2825646_1'	1.6	6.67	6.67	0.68	0.8	4.57	0.98 No	0.68	Thermal Discharging
SDX311	726	'2825347_/2825344'	2.5	10	10	1.02	1.2	6.84	1.47 No	1.02	Thermal Discharging
SDX311	727	'148875501_/2828020'	0.9	10	10	1.02	0.9	6.95	1.47 No	0.9	Primary Over-Voltage
SDX311	728	'58100471_/8493267_1'	1.2	10	10	1.02	0.6	6.87	1.47 No	0.6	Element Fault
SDX311	729	'43206052_/2825364'	2.5	10	10	1.02	1.2	6.82	1.47 No	1.02	Thermal Discharging
SDX311	730	'58100606_/2825044'	0.53	3.33	3.33	0.34	0.33	2.2	0.49 No	0.33	Element Fault
SDX311	731	'399121033_/399121035'	1.3	10	10	1.02	0.3	6.74	1.47 No	0.3	Element Fault
SDX311	732	'399121076_/399121051_1'	1.3	10	10	1.02	0.3	6.73	1.47 No	0.3	Element Fault
SDX311	733	'58100632_/755695716_2'	1.2	10	10	1.02	0.6	6.86	1.47 No	0.6	Element Fault
SDX311	734	'2828420_/2828562'	1.3	10	10	1.02	0.7	6.75	1.47 No	0.7	Element Fault
SDX311	735	'148879506_/148848659'	0.8	10	10	1.02	0.9	6.9	1.47 No	0.8	Primary Over-Voltage
SDX311	736	'7860643_/7860641_1'	1.2	10	10	1.02	0.3	6.75	1.47 No	0.3	Element Fault
SDX311	737	'480351848_/9127439_1'	1.3	10	10	1.02	0.3	6.72	1.47 No	0.3	Element Fault
SDX311	738	'3709541_/3709555'	2.3	10	10	1.02	1.2	6.8	1.47 No	1.02	Thermal Discharging
SDX311	739	'108334789_/108334795'	0.33	3.33	3.33	0.34	0.2	2.32	0.49 No	0.2	Element Fault
SDX311	740	'440631409_/8117454_2'	2.3	10	10	1.02	1.2	6.79	1.47 No	1.02	Thermal Discharging
SDX311	741	'66007391_/9168228_1'	2.3	10	10	1.02	1.2	6.79	1.47 No	1.02	Thermal Discharging
SDX311	742	'440631453_/440631472'	2.3	10	10	1.02	1.2	6.78	1.47 No	1.02	Thermal Discharging
SDX311	743	'2825649_/2825646_2'	1.53	6.67	6.67	0.68	0.8	4.52	0.98 No	0.68	Thermal Discharging
SDX311	744	'440631364_/440631498'	2.3	10	10	1.02	1.2	6.77	1.47 No	1.02	Thermal Discharging
SDX311	745	'379924025_/8493267_2'	1.2	10	10	1.02	0.6	6.78	1.47 No	0.6	Element Fault
SDX311	746	'9127462_/399121051_2'	1.2	10	10	1.02	0.3	6.67	1.47 No	0.3	Element Fault
SDX311	747	'148876641_/148879508'	0.8	10	10	1.02	0.9	6.84	1.47 No	0.8	Primary Over-Voltage
SDX311	748	'2826389_/43206054'	2.3	10	10	1.02	1.2	6.73	1.47 No	1.02	Thermal Discharging
SDX311	749	'43367455_/3709538'	2.2	10	10	1.02	1.2	6.72	1.47 No	1.02	Thermal Discharging
SDX311	750	'602146810_/558413080'	1.2	10	10	1.02	0.3	6.64	1.47 No	0.3	Element Fault
SDX311	751	'343593407_/37095521_1'	2.2	10	10	1.02	1.2	6.7	1.47 No	1.02	Thermal Discharging
SDX311	752	'2830517_/2830514'	1.1	10	10	1.02	0.3	6.67	1.47 No	0.3	Element Fault
SDX311	753	'43206779_/43206781'	3.33	3.33	3.33	0.34	0.1	2.17	0.49 No	0.1	Element Fault
SDX311	754	'2826372_/2829655'	2.3	10	10	1.02	1.2	6.68	1.47 No	1.02	Thermal Discharging
SDX311	755	'148876582_/148876643'	0.8	10	10	1.02	0.9	6.78	1.47 No	0.8	Primary Over-Voltage
SDX311	756	'2826040_/2826037'	3.33	3.33	3.33	0.34	0.4	2.12	0.49 No	0.34	Thermal Discharging
SDX311	757	'2825682_/2825679'	1.4	6.67	6.67	0.68	0.8	4.46	0.98 No	0.68	Thermal Discharging
SDX311	758	'530299161_/9168228_2'	2.1	10	10	1.02	1.2	6.67	1.47 No	1.02	Thermal Discharging
SDX311	759	'385540819_/2827893_2'	0.3	3.33	3.33	0.34	0.3	2.23	0.49 No	0.3	Primary Over-Voltage
SDX311	760	'43206027_/43206029'	2.2	10	10	1.02	1.2	6.65	1.47 No	1.02	Thermal Discharging
SDX311	761	'108334831_/108334842'	0.33	3.33	3.33	0.34	0.2	2.27	0.49 No	0.2	Element Fault
SDX311	762	'7548663_/9440240'	1	10	10	1.02	0.6	6.77	1.47 No	0.6	Element Fault
SDX311	763	'68196429_/2826351_1'	2.2	10	10	1.02	1.2	6.64	1.47 No	1.02	Thermal Discharging
SDX311	764	'470892975_/470892972'	1	10	10	1.02	0.6	6.77	1.47 No	0.6	Element Fault
SDX311	765	'470892981_/470892978'	1	10	10	1.02	0.6	6.77	1.47 No	0.6	Element Fault
SDX311	766	'470892969_/470892966'	1	10	10	1.02	0.6	6.77	1.47 No	0.6	Element Fault
SDX311	767	'470892987_/9440220'	1	10	10	1.02	0.6	6.76	1.47 No	0.6	Element Fault
SDX311	768	'470892947_/470892984'	1	10	10	1.02	0.6	6.76	1.47 No	0.6	Element Fault
SDX311	769	'602146768_/602146814'	1.2	10	10	1.02	0.3	6.55	1.47 No	0.3	Element Fault
SDX311	770	'2829675_/43206041'	2.2	10	10	1.02	1.2	6.63	1.47 No	1.02	Thermal Discharging
SDX311	771	'385540699_/2827893_1'	0.3	3.33	3.33	0.34	0.2	2.21	0.49 No	0.2	Element Fault
SDX311	772	'148879558_/148876584'	0.8	10	10	1.02	0.9	6.72	1.47 No	0.8	Primary Over-Voltage
SDX311	773	'7860531_/9127299_2'	1.1	10	10	1.02	0.6	6.66	1.47 No	0.6	Element Fault
SDX311	774	'594239046_/594239043'	3.33	3.33	3.33	0.34	0.4	2.1	0.49 No	0.34	Thermal Discharging
SDX311	775	'581082587_/385540703'	0.3	3.33	3.33	0.34	0.2	2.2	0.49 No	0.2	Element Fault
SDX311	776	'2826165_/2826351_2'	2.2	10	10	1.02	1.2	6.59	1.47 No	1.02	Thermal Discharging
SDX311	777	'3709507_/3709521_2'	2.1	10	10	1.02	1.2	6.59	1.47 No	1.02	Thermal Discharging
SDX311	778	'2829607_/2829689'	2.1	10	10	1.02	1.2	6.58	1.47 No	1.02	Thermal Discharging
SDX311	779	'470543580_/9440454'	1.1	10	10	1.02	0.3	6.51	1.47 No	0.3	Element Fault
SDX311	780	'148875549_/148879560'	0.8	10	10	1.02	0.9	6.66	1.47 No	0.8	Primary Over-Voltage
SDX311	781	'7233995_/7860565_1'	2.1	10	10	1.02	1.2	6.56	1.47 No	1.02	Thermal Discharging
SDX311	782	'55940526_/8811720_1'	0.8	10	10	1.02	0.6	6.65	1.47 No	0.6	Element Fault
SDX311	783	'455525857_/8811720_2'	0.8	10	10	1.02	0.6	6.64	1.47 No	0.6	Element Fault
SDX311	784	'2826419_/2829604'	2.1	10	10	1.02	1.2	6.54	1.47 No	1.02	Thermal Discharging
SDX311	785	'2828527_/2828525'	1.1	10	10	1.02	0.7	6.5	1.47 No	0.7	Element Fault
SDX311	786	'7234203_/8811780_1'	1.1	10	10	1.02	0.3	6.5	1.47 No	0.3	Element Fault
SDX311	787	'2826164_/2826162'	2.1	10	10	1.02	1.2	6.53	1.47 No	1.02	Thermal Discharging
SDX311	788	'108334874_/108334906'	0.33	3.33	3.33	0.34	0.2	2.22	0.49 No	0.2	Element Fault
SDX311	789	'7860568_/7860565_2'	2.1	10	10	1.02	1.2	6.52	1.47 No	1.02	Thermal Discharging
SDX311	790	'148880286_/148875281'	0.8	10	10	1.02	0.9	6.6	1.47 No	0.8	Primary Over-Voltage
SDX311	791	'2829623_/2829621'	2.1	10	10	1.02	1.2	6.51	1.47 No	1.02	Thermal Discharging
SDX311	792	'385540946_/581082591'	0.3	3.33	3.33	0.34	0.2	2.17	0.49 No	0.2	Element Fault
SDX311	793	'148880291_/148880288'	0.8	10	10	1.02	0.9	6.55	1.47 No	0.8	Primary Over-Voltage
SDX311	794	'3709490_/3709504'	2	10	10	1.02	1.2	6.47	1.47 No	1.02	Thermal Discharging
SDX311	795	'2826219_/2826242'	2	10	10	1.02	1.2	6.45	1.47 No	1.02	Thermal Discharging
SDX311	796	'43206194_/43206196'	2	10	10	1.02	1.2	6.44	1.47 No	1.02	Thermal Discharging
SDX311	797	'2827760_/2827757'	0.8	10	10	1.02	0.9	6.49	1.47 No	0.8	Primary Over-Voltage
SDX311	798	'2828437_/2828418'	1	10	10	1.02	0.7	6.37	1.47 No	0.7	Element Fault
SDX311	799	'7234087_/455525880'	0.8	10	10	1.02	0.6	6.49	1.47 No	0.6	Element Fault

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SDX311	800	'2826291_/_2829845'		2	10	10	1.02	1.2	6.38	1.47 No	1.02 Thermal Discharging
SDX311	801	'499755927_/_471165644'		1	10	10	1.02	0.3	6.32	1.47 No	0.3 Element Fault
SDX311	802	'58101238_/_58101254'		0.43	3.33	3.33	0.34	0.33	2.04	0.49 No	0.33 Element Fault
SDX311	803	'385540982_/_385540948'		0.27	3.33	3.33	0.34	0.2	2.13	0.49 No	0.2 Element Fault
SDX311	804	'2827641_/_2827774'		0.8	10	10	1.02	0.9	6.43	1.47 No	0.8 Primary Over-Voltage
SDX311	805	'8493269_/_379924045'		1	10	10	1.02	0.6	6.39	1.47 No	0.6 Element Fault
SDX311	806	'569931636_/_499755947'		1	10	10	1.02	0.3	6.3	1.47 No	0.3 Element Fault
SDX311	807	'9404807_/_9404804'		0.3	3.33	3.33	0.34	0.2	2.16	0.49 No	0.2 Element Fault
SDX311	808	'3709470_/_3709487'		1.8	10	10	1.02	1.2	6.35	1.47 No	1.02 Thermal Discharging
SDX311	809	'2829779_/_2829777'		1.9	10	10	1.02	1.2	6.34	1.47 No	1.02 Thermal Discharging
SDX311	810	'2825696_/_2825694_1'		3.33	3.33	3.33	0.34	0.4	2	0.49 No	0.34 Thermal Discharging
SDX311	811	'58101219_/_58101216'		0.43	3.33	3.33	0.34	0.33	2.02	0.49 No	0.33 Element Fault
SDX311	812	'2826260_/_2826257'		1.9	10	10	1.02	1.2	6.32	1.47 No	1.02 Thermal Discharging
SDX311	813	'2828789_/_2828786'		1	10	10	1.02	0.7	6.28	1.47 No	0.7 Element Fault
SDX311	814	'148875350_/_148875358'		0.7	10	10	1.02	0.9	6.38	1.47 No	0.7 Primary Over-Voltage
SDX311	815	'58101200_/_58101197'		0.43	3.33	3.33	0.34	0.33	2.01	0.49 No	0.33 Element Fault
SDX311	816	'55564670_/_55564575'		1.8	10	10	1.02	1.2	6.28	1.47 No	1.02 Thermal Discharging
SDX311	817	'7129897_/_2829828'		1.9	10	10	1.02	1.2	6.27	1.47 No	1.02 Thermal Discharging
SDX311	818	'2825697_/_2825694_2'		3.33	3.33	3.33	0.34	0.4	1.98	0.49 No	0.34 Thermal Discharging
SDX311	819	'9403737_/_9403734'		0.5	3.33	3.33	0.34	0.3	2.07	0.49 No	0.3 Element Fault
SDX311	820	'2828754_/_2828806'		1	10	10	1.02	0.7	6.22	1.47 No	0.7 Element Fault
SDX311	821	'3709469_/_3709467'		1.8	10	10	1.02	1.2	6.26	1.47 No	1.02 Thermal Discharging
SDX311	822	'58101181_/_58101178'		0.47	3.33	3.33	0.34	0.33	1.99	0.49 No	0.33 Element Fault
SDX311	823	'2829187_/_2829185'		0.67	3.33	3.33	0.34	0.1	2.02	0.49 No	0.1 Element Fault
SDX311	824	'122443730_/_7129895'		1.8	10	10	1.02	1.2	6.23	1.47 No	1.02 Thermal Discharging
SDX311	825	'385541018_/_385540984'		0.27	3.33	3.33	0.34	0.2	2.08	0.49 No	0.2 Element Fault
SDX311	826	'58100419_/_43206242'		0.47	3.33	3.33	0.34	0.33	1.98	0.49 No	0.33 Element Fault
SDX311	827	'9168231_/_530299183'		1.7	10	10	1.02	1.2	6.22	1.47 No	1.02 Thermal Discharging
SDX311	828	'2826192_/_2829811'		1.8	10	10	1.02	1.2	6.19	1.47 No	1.02 Thermal Discharging
SDX311	829	'469941931_/_569931656'		0.9	10	10	1.02	0.3	6.14	1.47 No	0.3 Element Fault
SDX311	830	'628869764_/_9127319_2'		0.43	3.33	3.33	0.34	0.2	2.01	0.49 No	0.2 Element Fault
SDX311	831	'43206065_/_2825707'		3.33	3.33	3.33	0.34	0.4	1.95	0.49 No	0.34 Thermal Discharging
SDX311	832	'8811783_/_8811780_2'		1	10	10	1.02	0.3	6.14	1.47 No	0.3 Element Fault
SDX311	833	'492378826_/_628869788'		0.43	3.33	3.33	0.34	0.2	2	0.49 No	0.2 Element Fault
SDX311	834	'108334649_/_108334655'		0.3	3.33	3.33	0.34	0.2	2.1	0.49 No	0.2 Element Fault
SDX311	835	'148881621_/_2827639'		0.7	10	10	1.02	0.9	6.21	1.47 No	0.7 Primary Over-Voltage
SDX311	836	'119297572_/_3709606'		1.7	10	10	1.02	1.2	6.15	1.47 No	1.02 Thermal Discharging
SDX311	837	'108334691_/_108334702'		0.3	3.33	3.33	0.34	0.2	2.09	0.49 No	0.2 Element Fault
SDX311	838	'2829729_/_2829743'		1.8	10	10	1.02	1.2	6.13	1.47 No	1.02 Thermal Discharging
SDX311	839	'7860644_/_7860641_2'		0.9	10	10	1.02	0.3	6.09	1.47 No	0.3 Element Fault
SDX311	840	'108334717_/_108334743'		0.3	3.33	3.33	0.34	0.2	2.09	0.49 No	0.2 Element Fault
SDX311	841	'385541054_/_385541020'		0.23	3.33	3.33	0.34	0.2	2.04	0.49 No	0.2 Element Fault
SDX311	842	'148881542_/_148881623'		0.7	10	10	1.02	0.9	6.16	1.47 No	0.7 Primary Over-Voltage
SDX311	843	'2828755_/_2828752'		0.9	10	10	1.02	0.7	6.07	1.47 No	0.7 Element Fault
SDX311	844	'43206003_/_2826301'		1.7	10	10	1.02	1.2	6.09	1.47 No	1.02 Thermal Discharging
SDX311	845	'8493290_/_8493287'		3.33	3.33	3.33	0.34	0.4	1.92	0.49 No	0.34 Thermal Discharging
SDX311	846	'8739883_/_755695831'		0.9	10	10	1.02	0.6	6.12	1.47 No	0.6 Element Fault
SDX311	847	'43206790_/_2829227'		0.6	3.33	3.33	0.34	0.1	1.97	0.49 No	0.1 Element Fault
SDX311	848	'2826277_/_2829726'		1.7	10	10	1.02	1.2	6.07	1.47 No	1.02 Thermal Discharging
SDX311	849	'2826420_/_2826417'		3.33	3.33	3.33	0.34	0.4	1.92	0.49 No	0.34 Thermal Discharging
SDX311	850	'2825722_/_43206067'		3.33	3.33	3.33	0.34	0.4	1.92	0.49 No	0.34 Thermal Discharging
SDX311	851	'148881461_/_148881544'		0.7	10	10	1.02	0.9	6.1	1.47 No	0.7 Primary Over-Voltage
SDX311	852	'2829797_/_2829794'		1.7	10	10	1.02	1.2	6.03	1.47 No	1.02 Thermal Discharging
SDX311	853	'43206076_/_2825720'		3.33	3.33	3.33	0.34	0.4	1.9	0.49 No	0.34 Thermal Discharging
SDX311	854	'9440457_/_469941952'		0.9	10	10	1.02	0.3	5.96	1.47 No	0.3 Element Fault
SDX311	855	'43206512_/_148881463'		0.7	10	10	1.02	0.9	6.05	1.47 No	0.7 Primary Over-Voltage
SDX311	856	'7860532_/_7860529'		0.9	10	10	1.02	0.6	6.03	1.47 No	0.6 Element Fault
SDX311	857	'2825962_/_43206005'		1.7	10	10	1.02	1.2	6	1.47 No	1.02 Thermal Discharging
SDX311	858	'2826206_/_2826216'		3.33	3.33	3.33	0.34	0.4	1.9	0.49 No	0.34 Thermal Discharging
SDX311	859	'488844703_/_488844524_1'		1.7	10	10	1.02	1.2	6	1.47 No	1.02 Thermal Discharging
SDX311	860	'66696201_/_2828655_1'		0.9	10	10	1.02	0.7	5.98	1.47 No	0.7 Element Fault
SDX311	861	'2825196_/_2826229'		3.33	3.33	3.33	0.34	0.4	1.9	0.49 No	0.34 Thermal Discharging
SDX311	862	'54718512_/_54718521'		3.33	3.33	3.33	0.34	0.4	1.9	0.49 No	0.34 Thermal Discharging
SDX311	863	'385541090_/_385541056'		0.23	3.33	3.33	0.34	0.2	2	0.49 No	0.2 Element Fault
SDX311	864	'2826290_/_2826430_1'		3.33	3.33	3.33	0.34	0.4	1.89	0.49 No	0.34 Thermal Discharging
SDX311	865	'43206937_/_2829862'		1.6	10	10	1.02	1.2	5.98	1.47 No	1.02 Thermal Discharging
SDX311	866	'2828510_/_2828655_2'		0.9	10	10	1.02	0.7	5.96	1.47 No	0.7 Element Fault
SDX311	867	'2825723_/_43206078'		3.33	3.33	3.33	0.34	0.4	1.89	0.49 No	0.34 Thermal Discharging
SDX311	868	'9127322_/_492378850'		0.4	3.33	3.33	0.34	0.2	1.94	0.49 No	0.2 Element Fault
SDX311	869	'2828548_/_2828695'		0.9	10	10	1.02	0.7	5.94	1.47 No	0.7 Element Fault
SDX311	870	'2828772_/_2828769'		0.9	10	10	1.02	0.7	5.93	1.47 No	0.7 Element Fault
SDX311	871	'8452776_/_9716762'		0.27	2.8	3.33	0.34	0.2	2.02	0.49 No	0.2 Element Fault
SDX311	872	'2825236_/_2826430_2'		3.33	3.33	3.33	0.34	0.4	1.88	0.49 No	0.34 Thermal Discharging
SDX311	873	'386316865_/_2826203'		3.33	3.33	3.33	0.34	0.4	1.88	0.49 No	0.34 Thermal Discharging
SDX311	874	'2828438_/_2828435'		0.37	3.33	3.33	0.34	0.23	1.92	0.49 No	0.23 Element Fault
SDX311	875	'2825197_/_2825194'		3.33	3.33	3.33	0.34	0.4	1.88	0.49 No	0.34 Thermal Discharging
SDX311	876	'8452777_/_8452774'		0.27	2.8	3.33	0.34	0.2	2.02	0.49 No	0.2 Element Fault
SDX311	877	'43206539_/_43206514'		0.7	10	10	1.02	0.9	5.98	1.47 No	0.7 Primary Over-Voltage
SDX311	878	'43206181_/_2825960'		1.6	10	10	1.02	1.2	5.93	1.47 No	1.02 Thermal Discharging
SDX311	879	'2829881_/_2829879'		1.6	10	10	1.02	1.2	5.92	1.47 No	1.02 Thermal Discharging
SDX311	880	'2830601_/_2830616'		0.8	10	10	1.02	0.3	5.89	1.47 No	0.3 Element Fault
SDX311	881	'2829214_/_2829240'		0.53	3.33	3.33	0.34	0.1	1.91	0.49 No	0.1 Element Fault
SDX311	882	'488844508_/_488844524_2'		1.6	10	10	1.02	1.2	5.9	1.47 No	1.02 Thermal Discharging
SDX311	883	'66697912_/_2828732'		0.9	10	10	1.02	0.7	5.87	1.47 No	0.7 Element Fault
SDX311	884	'2825209_/_2825233'		3.33	3.33	3.33	0.34	0.4	1.86	0.49 No	0.34 Thermal Discharging
SDX311	885	'385541126_/_385541092'		0.23	3.33	3.33	0.34	0.2	1.96	0.49 No	0.2 Element Fault
SDX311	886	'43205979_/_2825943'		1.6	10	10	1.02	1.2	5.87	1.47 No	1.02 Thermal Discharging
SDX311	887	'2825761_/_2825759'		3.33	3.33	3.33	0.34	0.4	1.86	0.49 No	0.34 Thermal Discharging
SDX311	888	'43206525_/_43206541'		0.6	10	10	1.02	0.9	5.91	1.47 No	0.6 Primary Over-Voltage
SDX311	889	'2830177_/_2830211'		1.6	10	10	1.02	1.2	5.85	1.47 No	1.02 Thermal Discharging
SDX311	890	'108334337_/_108334213'		0.27	2.63	3.33	0.34	0.2	1.99	0.49 No	0.2 Element Fault
SDX311	891	'2830058_/_2830071'		1	6.67	6.67	0.68	0.8	3.9	0.98 No	0.68 Thermal Discharging
SDX311	892	'66697808_/_66697909'		0.8	10	10	1.02	0.7	5.8	1.47 No	0.7 Element Fault
SDX311	893	'615123508_/_7511140_2'		3.33	2.73	3.33	0.34	0.1	1.79	0.49 No	0.1 Element Fault

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SDX311	894	'2826180_/_2826177_1'	0.77	3.33	3.33	0.34	0.4	1.84	0.49 No	0.34	Thermal Discharging
SDX311	895	'2830160_/_2830174'	1.5	10	10	1.02	1.2	5.82	1.47 No	1.02	Thermal Discharging
SDX311	896	'2825210_/_2825207'	3.33	3.33	3.33	0.34	0.4	1.84	0.49 No	0.34	Thermal Discharging
SDX311	897	'2825892_/_2825889'	1.5	10	10	1.02	1.2	5.81	1.47 No	1.02	Thermal Discharging
SDX311	898	'2829255_/_2829253'	0.5	3.33	3.33	0.34	0.1	1.88	0.49 No	0.1	Element Fault
SDX311	899	'402685394_/_43206527'	0.6	10	10	1.02	0.9	5.85	1.47 No	0.6	Primary Over-Voltage
SDX311	900	'54409968_/_54409922_1'	1.5	10	10	1.02	1.2	5.8	1.47 No	1.02	Thermal Discharging
SDX311	901	'477976961_/_470892951'	0.7	10	10	1.02	0.6	5.87	1.47 No	0.6	Element Fault
SDX311	902	'7234086_/_55940601'	0.6	10	10	1.02	0.6	5.85	1.47 No	0.6	Primary Over-Voltage
SDX311	903	'43206016_/_2826177_2'	0.77	3.33	3.33	0.34	0.4	1.83	0.49 No	0.34	Thermal Discharging
SDX311	904	'43206890_/_2830157'	1.5	10	10	1.02	1.2	5.77	1.47 No	1.02	Thermal Discharging
SDX311	905	'7548664_/_470892918'	0.7	10	10	1.02	0.6	5.86	1.47 No	0.6	Element Fault
SDX311	906	'385541144_/_385541128'	0.23	3.33	3.33	0.34	0.2	1.93	0.49 No	0.2	Element Fault
SDX311	907	'2825908_/_2825926'	1.5	10	10	1.02	1.2	5.76	1.47 No	1.02	Thermal Discharging
SDX311	908	'2825222_/_2825220'	3.33	3.33	3.33	0.34	0.4	1.82	0.49 No	0.34	Thermal Discharging
SDX311	909	'7511143_/_7511140_1'	3.33	2.73	3.33	0.34	0.1	1.77	0.49 No	0.1	Element Fault
SDX311	910	'3709626_/_3709623'	0.67	3.33	3.33	0.34	0.4	1.82	0.49 No	0.34	Thermal Discharging
SDX311	911	'2825775_/_2825772'	3.33	3.33	3.33	0.34	0.4	1.82	0.49 No	0.34	Thermal Discharging
SDX311	912	'2825248_/_2830056'	1	6.67	6.67	0.68	0.8	3.83	0.98 No	0.68	Thermal Discharging
SDX311	913	'43207781_/_2833438'	0.8	10	10	1.02	0.7	5.71	1.47 No	0.7	Element Fault
SDX311	914	'402685300_/_402685396'	0.6	10	10	1.02	0.9	5.78	1.47 No	0.6	Primary Over-Voltage
SDX311	915	'2828177_/_66697805'	0.8	10	10	1.02	0.7	5.71	1.47 No	0.7	Element Fault
SDX311	916	'2830194_/_43206892'	1.5	10	10	1.02	1.2	5.73	1.47 No	1.02	Thermal Discharging
SDX311	917	'108334367_/_108334259'	0.27	2.47	3.33	0.34	0.2	1.94	0.49 No	0.2	Element Fault
SDX311	918	'54409915_/_54409922_2'	1.5	10	10	1.02	1.2	5.72	1.47 No	1.02	Thermal Discharging
SDX311	919	'2825383_/_2825906'	1.5	10	10	1.02	1.2	5.71	1.47 No	1.02	Thermal Discharging
SDX311	920	'43207232_/_2830599'	0.8	10	10	1.02	0.3	5.68	1.47 No	0.3	Element Fault
SDX311	921	'415225526_/_2826275_1'	0.7	3.33	3.33	0.34	0.4	1.8	0.49 No	0.34	Thermal Discharging
SDX311	922	'2826113_/_2826123'	0.77	3.33	3.33	0.34	0.4	1.8	0.49 No	0.34	Thermal Discharging
SDX311	923	'69340978_/_2833839'	0.47	3.33	3.33	0.34	0.1	1.84	0.49 No	0.1	Element Fault
SDX311	924	'43206087_/_2825785'	3.33	3.33	3.33	0.34	0.4	1.8	0.49 No	0.34	Thermal Discharging
SDX311	925	'2826278_/_2826275_2'	0.7	3.33	3.33	0.34	0.4	1.8	0.49 No	0.34	Thermal Discharging
SDX311	926	'2829534_/_2830245'	1.4	10	10	1.02	1.2	5.68	1.47 No	1.02	Thermal Discharging
SDX311	927	'2830038_/_2830035'	0.93	6.67	6.67	0.68	0.8	3.79	0.98 No	0.68	Thermal Discharging
SDX311	928	'2829200_/_2829266'	0.47	3.33	3.33	0.34	0.1	1.83	0.49 No	0.1	Element Fault
SDX311	929	'66007794_/_8493507_1'	1.4	10	10	1.02	1.2	5.66	1.47 No	1.02	Thermal Discharging
SDX311	930	'431117431_/_385541146'	0.2	3.33	3.33	0.34	0.2	1.89	0.49 No	0.2	Primary Over-Voltage
SDX311	931	'2829535_/_2829532'	1.4	10	10	1.02	1.2	5.65	1.47 No	1.02	Thermal Discharging
SDX311	932	'8493461_/_8493459_1'	0.47	3.33	3.33	0.34	0.1	1.83	0.49 No	0.1	Element Fault
SDX311	933	'49148020_/_9127387_1'	0.47	3.33	3.33	0.34	0.1	1.83	0.49 No	0.1	Element Fault
SDX311	934	'2826112_/_2826110'	0.8	3.33	3.33	0.34	0.4	1.79	0.49 No	0.34	Thermal Discharging
SDX311	935	'51754882_/_3709637'	1.4	10	10	1.02	1.2	5.65	1.47 No	1.02	Thermal Discharging
SDX311	936	'43206157_/_2825381'	1.4	10	10	1.02	1.2	5.65	1.47 No	1.02	Thermal Discharging
SDX311	937	'8493510_/_8493507_2'	1.4	10	10	1.02	1.2	5.64	1.47 No	1.02	Thermal Discharging
SDX311	938	'66007434_/_9479908_1'	1.4	10	10	1.02	0.8	5.64	1.47 No	0.8	Element Fault
SDX311	939	'66696321_/_43206580'	0.8	10	10	1.02	0.7	5.61	1.47 No	0.7	Element Fault
SDX311	940	'2829509_/_2829519'	0.7	3.33	3.33	0.34	0.4	1.78	0.49 No	0.34	Thermal Discharging
SDX311	941	'43206851_/_2830228'	1.4	10	10	1.02	1.2	5.62	1.47 No	1.02	Thermal Discharging
SDX311	942	'108334366_/_108334306'	0.23	2.33	3.33	0.34	0.2	1.9	0.49 No	0.2	Element Fault
SDX311	943	'452819392_/_452819410'	0.37	3.33	3.33	0.34	0.3	1.86	0.49 No	0.3	Element Fault
SDX311	944	'69340853_/_69340850'	0.43	3.33	3.33	0.34	0.1	1.82	0.49 No	0.1	Element Fault
SDX311	945	'43206098_/_43206089'	3.33	3.33	3.33	0.34	0.4	1.78	0.49 No	0.34	Thermal Discharging
SDX311	946	'2826151_/_2829412'	0.8	3.33	3.33	0.34	0.4	1.77	0.49 No	0.34	Thermal Discharging
SDX311	947	'44054964_/_2825401'	1.4	10	10	1.02	1.2	5.59	1.47 No	1.02	Thermal Discharging
SDX311	948	'69340942_/_69340884_2'	0.43	3.33	3.33	0.34	0.1	1.81	0.49 No	0.1	Element Fault
SDX311	949	'7822473_/_7822470'	3.33	2.4	3.33	0.34	0.1	1.72	0.49 No	0.1	Element Fault
SDX311	950	'66697747_/_2828146'	0.8	10	10	1.02	0.7	5.55	1.47 No	0.7	Element Fault
SDX311	951	'2825404_/_44054966'	1.4	10	10	1.02	1.2	5.56	1.47 No	1.02	Thermal Discharging
SDX311	952	'431117514_/_431117433'	0.2	3.33	3.33	0.34	0.2	1.86	0.49 No	0.2	Primary Over-Voltage
SDX311	953	'90776919_/_43207234'	0.7	10	10	1.02	0.3	5.53	1.47 No	0.3	Element Fault
SDX311	954	'8493462_/_8493459_2'	0.43	3.33	3.33	0.34	0.1	1.8	0.49 No	0.1	Element Fault
SDX311	955	'2830585_/_9440414_2'	0.7	10	10	1.02	0.3	5.53	1.47 No	0.3	Element Fault
SDX311	956	'43206950_/_43206952'	0.83	3.33	3.33	0.34	0.4	1.76	0.49 No	0.34	Thermal Discharging
SDX311	957	'2833441_/_43207783'	0.7	10	10	1.02	0.7	5.5	1.47 No	0.7	Primary Over-Voltage
SDX311	958	'8811854_/_9440414_1'	0.7	10	10	1.02	0.3	5.51	1.47 No	0.3	Element Fault
SDX311	959	'69340877_/_69340884_1'	0.43	3.33	3.33	0.34	0.1	1.79	0.49 No	0.1	Element Fault
SDX311	960	'441798824_/_2830137_2'	1.4	10	10	1.02	1.2	5.52	1.47 No	1.02	Thermal Discharging
SDX311	961	'2829496_/_2829506'	0.7	3.33	3.33	0.34	0.4	1.75	0.49 No	0.34	Thermal Discharging
SDX311	962	'43205992_/_2826149'	0.83	3.33	3.33	0.34	0.4	1.75	0.49 No	0.34	Thermal Discharging
SDX311	963	'2830123_/_2830137_1'	1.4	10	10	1.02	1.2	5.52	1.47 No	1.02	Thermal Discharging
SDX311	964	'686891683_/_686891680'	1.4	10	10	1.02	1.2	5.52	1.47 No	1.02	Thermal Discharging
SDX311	965	'2825584_/_43206100'	3.33	3.33	3.33	0.34	0.4	1.75	0.49 No	0.34	Thermal Discharging
SDX311	966	'653723423_/_2825418'	1.4	10	10	1.02	1.2	5.51	1.47 No	1.02	Thermal Discharging
SDX311	967	'43207844_/_2833475'	0.7	10	10	1.02	0.7	5.48	1.47 No	0.7	Primary Over-Voltage
SDX311	968	'43206903_/_43206905'	0.63	3.33	3.33	0.34	0.4	1.74	0.49 No	0.34	Thermal Discharging
SDX311	969	'90776920_/_90776897'	0.7	10	10	1.02	0.3	5.48	1.47 No	0.3	Element Fault
SDX311	970	'90777019_/_90776974_1'	0.7	10	10	1.02	0.3	5.48	1.47 No	0.3	Element Fault
SDX311	971	'8532764_/_9479908_2'	1.3	10	10	1.02	0.8	5.49	1.47 No	0.8	Element Fault
SDX311	972	'2829398_/_2829396'	0.83	3.33	3.33	0.34	0.4	1.74	0.49 No	0.34	Thermal Discharging
SDX311	973	'108334482_/_108334488'	0.23	2.17	3.33	0.34	0.2	1.86	0.49 No	0.2	Element Fault
SDX311	974	'2825421_/_653723427'	1.3	10	10	1.02	1.2	5.47	1.47 No	1.02	Thermal Discharging
SDX311	975	'431117571_/_431117516'	0.2	3.33	3.33	0.34	0.2	1.82	0.49 No	0.2	Primary Over-Voltage
SDX311	976	'2826139_/_2826136'	0.83	3.33	3.33	0.34	0.4	1.73	0.49 No	0.34	Thermal Discharging
SDX311	977	'319686426_/_2828545'	0.7	10	10	1.02	0.7	5.43	1.47 No	0.7	Primary Over-Voltage
SDX311	978	'2829915_/_2829928'	0.63	3.33	3.33	0.34	0.4	1.73	0.49 No	0.34	Thermal Discharging
SDX311	979	'2829440_/_2829438'	0.87	3.33	3.33	0.34	0.4	1.73	0.49 No	0.34	Thermal Discharging
SDX311	980	'2825597_/_2825594'	3.33	3.33	3.33	0.34	0.4	1.73	0.49 No	0.34	Thermal Discharging
SDX311	981	'457728505_/_457728319_1'	0.7	10	10	1.02	0.5	5.42	1.47 No	0.5	Element Fault
SDX311	982	'429998135_/_431117573'	0.2	3.33	3.33	0.34	0.2	1.81	0.49 No	0.2	Primary Over-Voltage
SDX311	983	'43206864_/_43206866'	1.3	10	10	1.02	1.2	5.42	1.47 No	1.02	Thermal Discharging
SDX311	984	'2825249_/_2830019_1'	0.53	3.33	3.33	0.34	0.4	1.72	0.49 No	0.34	Thermal Discharging
SDX311	985	'2829483_/_2829493'	0.73	3.33	3.33	0.34	0.4	1.72	0.49 No	0.34	Thermal Discharging
SDX311	986	'2829453_/_2829451'	0.9	3.33	3.33	0.34	0.4	1.72	0.49 No	0.34	Thermal Discharging
SDX311	987	'2826446_/_2826443'	0.87	3.33	3.33	0.34	0.4	1.71	0.49 No	0.34	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SDX311	988	'2829899_/_43206916'		0.63	3.33	3.33	0.34	0.4	1.71	0.49 No	0.34 Thermal Discharging
SDX311	989	'2833495_/_2833492'		0.7	10	10	1.02	0.7	5.37	1.47 No	0.7 Primary Over-Voltage
SDX311	990	'69340909_/_69340916'		0.4	3.33	3.33	0.34	0.1	1.75	0.49 No	0.1 Element Fault
SDX311	991	'44057164_/_2825620'		3.33	3.33	3.33	0.34	0.4	1.71	0.49 No	0.34 Thermal Discharging
SDX311	992	'108334523_/_108334534'		0.23	2.1	3.33	0.34	0.2	1.82	0.49 No	0.2 Element Fault
SDX311	993	'70218637_/_2825438_1'		0.57	3.33	3.33	0.34	0.4	1.7	0.49 No	0.34 Thermal Discharging
SDX311	994	'429998099_/_429998137'		0.2	3.33	3.33	0.34	0.2	1.79	0.49 No	0.2 Primary Over-Voltage
SDX311	995	'2829969_/_2830019_2'		0.57	3.33	3.33	0.34	0.4	1.7	0.49 No	0.34 Thermal Discharging
SDX311	996	'457728453_/_457728319_2'		0.7	10	10	1.02	0.5	5.34	1.47 No	0.5 Element Fault
SDX311	997	'44226906_/_9127387_2'		0.4	3.33	3.33	0.34	0.1	1.74	0.49 No	0.1 Element Fault
SDX311	998	'461071821_/_319686428'		0.7	10	10	1.02	0.7	5.34	1.47 No	0.7 Primary Over-Voltage
SDX311	999	'2828388_/_2828598'		0.7	10	10	1.02	0.7	5.34	1.47 No	0.7 Primary Over-Voltage
SDX311	1000	'2826459_/_2826456'		3.33	3.33	3.33	0.34	0.4	1.7	0.49 No	0.34 Thermal Discharging
SDX311	1001	'433786733_/_433786730'		3.33	3.33	3.33	0.34	0.4	1.7	0.49 No	0.34 Thermal Discharging
SDX311	1002	'43206207_/_2826469'		3.33	3.33	3.33	0.34	0.4	1.7	0.49 No	0.34 Thermal Discharging
SDX311	1003	'43206120_/_2825746'		3.33	3.33	3.33	0.34	0.4	1.7	0.49 No	0.34 Thermal Discharging
SDX311	1004	'90776941_/_90776974_2'		0.7	10	10	1.02	0.3	5.32	1.47 No	0.3 Element Fault
SDX311	1005	'77378414_/_68900509_1'		0.27	3.33	3.33	0.34	0.1	1.72	0.49 No	0.1 Element Fault
SDX311	1006	'43206109_/_44057166'		3.33	3.33	3.33	0.34	0.4	1.69	0.49 No	0.34 Thermal Discharging
SDX311	1007	'2830089_/_2830103'		1.3	8.3	10	1.02	1.2	5.32	1.47 No	1.02 Thermal Discharging
SDX311	1008	'2825441_/_2825438_2'		0.57	3.33	3.33	0.34	0.4	1.69	0.49 No	0.34 Thermal Discharging
SDX311	1009	'7234051_/_9440276'		0.33	3.33	3.33	0.34	0.3	1.76	0.49 No	0.3 Element Fault
SDX311	1010	'396893558_/_396893555'		0.77	3.33	3.33	0.34	0.4	1.68	0.49 No	0.34 Thermal Discharging
SDX311	1011	'396893311_/_2829896'		0.63	3.33	3.33	0.34	0.4	1.68	0.49 No	0.34 Thermal Discharging
SDX311	1012	'429998063_/_429998101'		0.2	3.33	3.33	0.34	0.2	1.77	0.49 No	0.2 Primary Over-Voltage
SDX311	1013	'461071725_/_457728273'		0.7	10	10	1.02	0.5	5.28	1.47 No	0.5 Element Fault
SDX311	1014	'120301988_/_2826546'		3.33	3.33	3.33	0.34	0.4	1.68	0.49 No	0.34 Thermal Discharging
SDX311	1015	'2829970_/_2829967'		0.57	3.33	3.33	0.34	0.4	1.68	0.49 No	0.34 Thermal Discharging
SDX311	1016	'49931378_/_7234012_1'		3.33	3.33	3.33	0.34	0.2	1.68	0.49 No	0.2 Element Fault
SDX311	1017	'2828194_/_2828191'		0.27	3.33	3.33	0.34	0.23	1.71	0.49 No	0.23 Element Fault
SDX311	1018	'2833518_/_2833515'		0.7	10	10	1.02	0.7	5.25	1.47 No	0.7 Primary Over-Voltage
SDX311	1019	'108334562_/_108334594'		0.23	2	3.33	0.34	0.2	1.79	0.49 No	0.2 Element Fault
SDX311	1020	'2826485_/_43206209'		3.33	3.33	3.33	0.34	0.4	1.68	0.49 No	0.34 Thermal Discharging
SDX311	1021	'43206840_/_43206842'		0.67	3.33	3.33	0.34	0.4	1.67	0.49 No	0.34 Thermal Discharging
SDX311	1022	'396893414_/_8493491_1'		0.67	3.33	3.33	0.34	0.4	1.67	0.49 No	0.34 Thermal Discharging
SDX311	1023	'7234015_/_7234012_2'		3.33	3.33	3.33	0.34	0.2	1.67	0.49 No	0.2 Element Fault
SDX311	1024	'2829983_/_2829980'		0.57	3.33	3.33	0.34	0.4	1.66	0.49 No	0.34 Thermal Discharging
SDX311	1025	'68900815_/_68900509_2'		0.27	3.33	3.33	0.34	0.1	1.69	0.49 No	0.1 Element Fault
SDX311	1026	'2825636_/_43206111'		3.33	3.33	3.33	0.34	0.4	1.67	0.49 No	0.34 Thermal Discharging
SDX311	1027	'429998027_/_429998065'		0.17	3.33	3.33	0.34	0.2	1.75	0.49 No	0.17 Primary Over-Voltage
SDX311	1028	'43206877_/_43206879'		1.2	7.2	10	1.02	1.2	5.22	1.47 No	1.02 Thermal Discharging
SDX311	1029	'2825610_/_2825607'		3.33	3.33	3.33	0.34	0.4	1.66	0.49 No	0.34 Thermal Discharging
SDX311	1030	'9088534_/_9088531'		3.33	2.4	3.33	0.34	0.1	1.62	0.49 No	0.1 Element Fault
SDX311	1031	'9088665_/_9404388'		0.23	1.93	3.33	0.34	0.2	1.77	0.49 No	0.2 Element Fault
SDX311	1032	'396893574_/_396893571'		0.8	3.33	3.33	0.34	0.4	1.65	0.49 No	0.34 Thermal Discharging
SDX311	1033	'55940397_/_2829552'		3.33	3.33	3.33	0.34	0.4	1.65	0.49 No	0.34 Thermal Discharging
SDX311	1034	'2825454_/_2825451'		0.57	3.33	3.33	0.34	0.4	1.65	0.49 No	0.34 Thermal Discharging
SDX311	1035	'396893464_/_9440346'		0.53	3.33	3.33	0.34	0.4	1.65	0.49 No	0.34 Thermal Discharging
SDX311	1036	'2829996_/_2829993'		0.57	3.33	3.33	0.34	0.4	1.64	0.49 No	0.34 Thermal Discharging
SDX311	1037	'2833393_/_2833532'		0.6	10	10	1.02	0.7	5.15	1.47 No	0.6 Primary Over-Voltage
SDX311	1038	'55940181_/_55940141'		3.33	3.33	3.33	0.34	0.4	1.64	0.49 No	0.34 Thermal Discharging
SDX311	1039	'2827896_/_429998029'		0.17	3.33	3.33	0.34	0.2	1.72	0.49 No	0.17 Primary Over-Voltage
SDX311	1040	'144898130_/_144897519_1'		3.33	3.33	3.33	0.34	0.2	1.64	0.49 No	0.2 Element Fault
SDX311	1041	'68900827_/_68900533'		0.27	3.33	3.33	0.34	0.1	1.66	0.49 No	0.1 Element Fault
SDX311	1042	'2829381_/_2829379'		1.2	6.7	10	1.02	1.2	5.14	1.47 No	1.02 Thermal Discharging
SDX311	1043	'677463864_/_653723516'		0.57	3.33	3.33	0.34	0.4	1.63	0.49 No	0.34 Thermal Discharging
SDX311	1044	'55940185_/_55940160'		3.33	3.33	3.33	0.34	0.4	1.63	0.49 No	0.34 Thermal Discharging
SDX311	1045	'55940227_/_55940199_1'		3.33	3.33	3.33	0.34	0.2	1.63	0.49 No	0.2 Element Fault
SDX311	1046	'8532765_/_8532762'		1.1	7.4	10	1.02	0.8	5.1	1.47 No	0.8 Element Fault
SDX311	1047	'491246088_/_451357013'		0.6	10	10	1.02	0.5	5.07	1.47 No	0.5 Element Fault
SDX311	1048	'461071751_/_491246108'		0.6	10	10	1.02	0.5	5.06	1.47 No	0.5 Element Fault
SDX311	1049	'7234050_/_7234048'		0.3	3.33	3.33	0.34	0.3	1.68	0.49 No	0.3 Primary Over-Voltage
SDX311	1050	'43207892_/_2833852'		1.1	6.4	10	1.02	1.2	5.07	1.47 No	1.02 Thermal Discharging
SDX311	1051	'55940192_/_55940199_2'		3.33	3.33	3.33	0.34	0.2	1.61	0.49 No	0.2 Element Fault
SDX311	1052	'2833394_/_2833391'		0.6	10	10	1.02	0.7	5.04	1.47 No	0.6 Primary Over-Voltage
SDX311	1053	'2825467_/_677463868'		0.57	3.33	3.33	0.34	0.4	1.61	0.49 No	0.34 Thermal Discharging
SDX311	1054	'68900831_/_68900557'		0.27	3.33	3.33	0.34	0.1	1.63	0.49 No	0.1 Element Fault
SDX311	1055	'2833960_/_2833958'		1.1	6.2	10	1.02	1.2	5.04	1.47 No	1.02 Thermal Discharging
SDX311	1056	'70218648_/_8812164_1'		1.1	6.2	10	1.02	1.2	5.03	1.47 No	1.02 Thermal Discharging
SDX311	1057	'2828405_/_2828402'		0.23	3.33	3.33	0.34	0.23	1.63	0.49 No	0.23 Primary Over-Voltage
SDX311	1058	'2827912_/_2827909'		0.17	3.33	3.33	0.34	0.2	1.67	0.49 No	0.17 Primary Over-Voltage
SDX311	1059	'2833889_/_2833969'		1.1	6	10	1.02	1.2	5	1.47 No	1.02 Thermal Discharging
SDX311	1060	'144897487_/_144897519_2'		3.33	3.33	3.33	0.34	0.2	1.59	0.49 No	0.2 Element Fault
SDX311	1061	'144898353_/_144898371'		3.33	3.33	3.33	0.34	0.2	1.59	0.49 No	0.2 Element Fault
SDX311	1062	'8493761_/_9127691_1'		1.1	6	10	1.02	1.2	5	1.47 No	1.02 Thermal Discharging
SDX311	1063	'9127694_/_9127691_2'		1.1	6	10	1.02	1.2	4.98	1.47 No	1.02 Thermal Discharging
SDX311	1064	'8493745_/_8812164_2'		1.1	5.9	10	1.02	1.2	4.97	1.47 No	1.02 Thermal Discharging
SDX311	1065	'2833552_/_2833549'		0.6	10	10	1.02	0.7	4.95	1.47 No	0.6 Primary Over-Voltage
SDX311	1066	'68900835_/_68900581'		0.27	3.33	3.33	0.34	0.1	1.6	0.49 No	0.1 Element Fault
SDX311	1067	'8143321_/_9088663'		0.2	1.77	3.33	0.34	0.2	1.68	0.49 No	0.2 Primary Over-Voltage
SDX311	1068	'2825480_/_2825477'		0.57	3.33	3.33	0.34	0.4	1.57	0.49 No	0.34 Thermal Discharging
SDX311	1069	'407416433_/_8493491_2'		0.7	3.33	3.33	0.34	0.4	1.57	0.49 No	0.34 Thermal Discharging
SDX311	1070	'2833888_/_2833886'		1.1	5.8	10	1.02	1.2	4.92	1.47 No	1.02 Thermal Discharging
SDX311	1071	'8450753_/_9390048'		1.1	6.1	10	1.02	1.2	4.89	1.47 No	1.02 Thermal Discharging
SDX311	1072	'68900839_/_68900605'		0.27	3.33	3.33	0.34	0.1	1.58	0.49 No	0.1 Element Fault
SDX311	1073	'2833376_/_2833566'		0.6	10	10	1.02	0.7	4.86	1.47 No	0.6 Primary Over-Voltage
SDX311	1074	'144897535_/_144897553'		3.33	3.33	3.33	0.34	0.2	1.55	0.49 No	0.2 Element Fault
SDX311	1075	'43207902_/_43207904'		1.1	5.6	10	1.02	1.2	4.86	1.47 No	1.02 Thermal Discharging
SDX311	1076	'8143322_/_8143319'		0.2	1.67	3.33	0.34	0.2	1.64	0.49 No	0.2 Primary Over-Voltage
SDX311	1077	'68900843_/_68900629'		0.27	3.33	3.33	0.34	0.1	1.57	0.49 No	0.1 Element Fault
SDX311	1078	'51754125_/_51754122'		1	5.5	10	1.02	1.2	4.84	1.47 No	1 Primary Over-Voltage
SDX311	1079	'2833377_/_2833374'		0.6	10	10	1.02	0.7	4.82	1.47 No	0.6 Primary Over-Voltage
SDX311	1080	'68900678_/_68900657'		0.27	3.33	3.33	0.34	0.1	1.56	0.49 No	0.1 Element Fault
SDX311	1081	'7549102_/_9127631_1'		0.6	10	10	1.02	0.3	4.81	1.47 No	0.3 Element Fault

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SDX311	1082	'2825493_/_2825490'	0.6		3.33	3.33	0.34	0.4	1.54	0.49 No	0.34 Thermal Discharging
SDX311	1083	'144898400_/_144898297'	3.33		3.33	3.33	0.34	0.2	1.53	0.49 No	0.2 Element Fault
SDX311	1084	'407416452_/_407416488'	0.7		3.33	3.33	0.34	0.4	1.53	0.49 No	0.34 Thermal Discharging
SDX311	1085	'2828367_/_2828365'	0.6		10	10	1.02	0.7	4.78	1.47 No	0.6 Primary Over-Voltage
SDX311	1086	'8183662_/_122422580_1'	0.6		10	10	1.02	0.3	4.78	1.47 No	0.3 Element Fault
SDX311	1087	'2833949_/_7132902'	1		5.3	10	1.02	1.2	4.78	1.47 No	1 Primary Over-Voltage
SDX311	1088	'68900702_/_68900681'	0.23		3.33	3.33	0.34	0.1	1.54	0.49 No	0.1 Element Fault
SDX311	1089	'129125815_/_129125817'	0.6		10	10	1.02	0.7	4.74	1.47 No	0.6 Primary Over-Voltage
SDX311	1090	'8493530_/_8493527'	1		6.3	10	1.02	1.2	4.74	1.47 No	1 Primary Over-Voltage
SDX311	1091	'9127634_/_9127631_2'	0.6		10	10	1.02	0.3	4.72	1.47 No	0.3 Element Fault
SDX311	1092	'129125835_/_129125837'	0.6		10	10	1.02	0.7	4.71	1.47 No	0.6 Primary Over-Voltage
SDX311	1093	'8493234_/_8493339'	0.27		3.33	3.33	0.34	0.3	1.56	0.49 No	0.27 Primary Over-Voltage
SDX311	1094	'2825506_/_2825503'	0.6		3.33	3.33	0.34	0.4	1.5	0.49 No	0.34 Thermal Discharging
SDX311	1095	'2830285_/_7166906'	1		5.1	10	1.02	1.2	4.7	1.47 No	1 Primary Over-Voltage
SDX311	1096	'68900726_/_68900705'	0.23		3.33	3.33	0.34	0.1	1.51	0.49 No	0.1 Element Fault
SDX311	1097	'7217031_/_8493743'	0.4		3.33	3.33	0.34	0.4	1.48	0.49 No	0.34 Thermal Discharging
SDX311	1098	'129125892_/_129125894'	0.6		10	10	1.02	0.7	4.63	1.47 No	0.6 Primary Over-Voltage
SDX311	1099	'127872204_/_127871340'	0.2		3.33	3.33	0.34	0.23	1.5	0.49 No	0.2 Primary Over-Voltage
SDX311	1100	'7217030_/_7217028'	0.4		3.33	3.33	0.34	0.4	1.48	0.49 No	0.34 Thermal Discharging
SDX311	1101	'127871415_/_127872238_1'	0.2		3.33	3.33	0.34	0.1	1.5	0.49 No	0.1 Element Fault
SDX311	1102	'68900750_/_68900729'	0.23		3.33	3.33	0.34	0.1	1.49	0.49 No	0.1 Element Fault
SDX311	1103	'44056274_/_44056278'	1		4.9	10	1.02	1.2	4.61	1.47 No	1 Primary Over-Voltage
SDX311	1104	'2833908_/_2833906'	0.4		3.33	3.33	0.34	0.4	1.46	0.49 No	0.34 Thermal Discharging
SDX311	1105	'43206170_/_2825555'	0.6		3.33	3.33	0.34	0.4	1.47	0.49 No	0.34 Thermal Discharging
SDX311	1106	'7548825_/_9127403'	1		6.7	10	1.02	1.2	4.59	1.47 No	1 Primary Over-Voltage
SDX311	1107	'127872232_/_127872238_2'	0.2		3.33	3.33	0.34	0.1	1.48	0.49 No	0.1 Element Fault
SDX311	1108	'7233959_/_8493231'	0.27		2.4	3.33	0.34	0.3	1.52	0.49 No	0.27 Primary Over-Voltage
SDX311	1109	'122422863_/_2828468'	0.5		7.1	10	1.02	0.7	4.56	1.47 No	0.5 Primary Over-Voltage
SDX311	1110	'8493406_/_122422580_2'	0.5		7.1	10	1.02	0.3	4.55	1.47 No	0.3 Element Fault
SDX311	1111	'44056290_/_2830282'	0.9		4.8	10	1.02	1.2	4.56	1.47 No	0.9 Primary Over-Voltage
SDX311	1112	'127871364_/_127871361'	0.2		3.33	3.33	0.34	0.1	1.47	0.49 No	0.1 Element Fault
SDX311	1113	'68900756_/_68900753'	0.23		3.33	3.33	0.34	0.1	1.47	0.49 No	0.1 Element Fault
SDX311	1114	'49931403_/_7860901_1'	0.37		3.33	3.33	0.34	0.4	1.45	0.49 No	0.34 Thermal Discharging
SDX311	1115	'34632588_/_44083411'	0.4		3.33	3.33	0.34	0.4	1.45	0.49 No	0.34 Thermal Discharging
SDX311	1116	'8450752_/_8450750'	0.4		3.33	3.33	0.34	0.4	1.44	0.49 No	0.34 Thermal Discharging
SDX311	1117	'127871379_/_127871376'	0.2		3.33	3.33	0.34	0.1	1.46	0.49 No	0.1 Element Fault
SDX311	1118	'122422797_/_122422871'	0.5		6.3	10	1.02	0.7	4.49	1.47 No	0.5 Primary Over-Voltage
SDX311	1119	'7233958_/_7233956'	0.27		2.1	3.33	0.34	0.3	1.49	0.49 No	0.27 Primary Over-Voltage
SDX311	1120	'2825519_/_43206172'	0.63		3.33	3.33	0.34	0.4	1.43	0.49 No	0.34 Thermal Discharging
SDX311	1121	'43207019_/_43207021'	0.9		4.6	10	1.02	1.2	4.48	1.47 No	0.9 Primary Over-Voltage
SDX311	1122	'43206827_/_122422805'	0.5		5.8	10	1.02	0.7	4.42	1.47 No	0.5 Primary Over-Voltage
SDX311	1123	'51754042_/_43207008'	0.9		4.5	10	1.02	1.2	4.43	1.47 No	0.9 Primary Over-Voltage
SDX311	1124	'66007719_/_9440362_1'	0.9		4.5	10	1.02	1.2	4.43	1.47 No	0.9 Primary Over-Voltage
SDX311	1125	'7549201_/_7860901_2'	0.37		3.33	3.33	0.34	0.4	1.41	0.49 No	0.34 Thermal Discharging
SDX311	1126	'2825532_/_2825529'	0.63		3.33	3.33	0.34	0.4	1.41	0.49 No	0.34 Thermal Discharging
SDX311	1127	'7860475_/_9127283'	0.23		1.93	3.33	0.34	0.3	1.46	0.49 No	0.23 Primary Over-Voltage
SDX311	1128	'129125965_/_129125967'	0.5		5.5	10	1.02	0.7	4.37	1.47 No	0.5 Primary Over-Voltage
SDX311	1129	'8183682_/_8811800'	0.37		3.33	3.33	0.34	0.4	1.4	0.49 No	0.34 Thermal Discharging
SDX311	1130	'8183681_/_8183679'	0.37		3.33	3.33	0.34	0.4	1.39	0.49 No	0.34 Thermal Discharging
SDX311	1131	'2825545_/_2825542'	0.6		3.33	3.33	0.34	0.4	1.38	0.49 No	0.34 Thermal Discharging
SDX311	1132	'129125985_/_129125987'	0.5		5.3	10	1.02	0.7	4.31	1.47 No	0.5 Primary Over-Voltage
SDX311	1133	'7234258_/_7549199'	0.37		3.33	3.33	0.34	0.4	1.37	0.49 No	0.34 Thermal Discharging
SDX311	1134	'2825866_/_2825850'	0.57		3.33	3.33	0.34	0.4	1.36	0.49 No	0.34 Thermal Discharging
SDX311	1135	'7548647_/_122264263_1'	0.57		3.33	3.33	0.34	0.2	1.36	0.49 No	0.2 Element Fault
SDX311	1136	'9440365_/_9440362_2'	0.8		4.1	10	1.02	1.2	4.23	1.47 No	0.8 Primary Over-Voltage
SDX311	1137	'7548826_/_7548823'	0.37		3.33	3.33	0.34	0.4	1.36	0.49 No	0.34 Thermal Discharging
SDX311	1138	'7234259_/_7234256'	0.37		3.33	3.33	0.34	0.4	1.35	0.49 No	0.34 Thermal Discharging
SDX311	1139	'129126043_/_129126045'	0.5		4.9	10	1.02	0.7	4.2	1.47 No	0.5 Primary Over-Voltage
SDX311	1140	'383335366_/_2825876'	0.53		3.33	3.33	0.34	0.4	1.35	0.49 No	0.34 Thermal Discharging
SDX311	1141	'7860716_/_7860713'	0.37		3.33	3.33	0.34	0.4	1.34	0.49 No	0.34 Thermal Discharging
SDX311	1142	'55036356_/_55036363'	0.37		3.33	3.33	0.34	0.4	1.33	0.49 No	0.34 Thermal Discharging
SDX311	1143	'43206814_/_2829362'	0.5		4.7	10	1.02	0.7	4.15	1.47 No	0.5 Primary Over-Voltage
SDX311	1144	'383335348_/_383335368'	0.5		3.33	3.33	0.34	0.4	1.32	0.49 No	0.34 Thermal Discharging
SDX311	1145	'122264258_/_122264263_2'	0.5		3.33	3.33	0.34	0.2	1.33	0.49 No	0.2 Element Fault
SDX311	1146	'122264300_/_122264325'	0.5		3.33	3.33	0.34	0.2	1.32	0.49 No	0.2 Element Fault
SDX311	1147	'2829302_/_2829345'	0.4		4.6	10	1.02	0.7	4.1	1.47 No	0.4 Primary Over-Voltage
SDX311	1148	'122264223_/_122264311'	0.5		3.33	3.33	0.34	0.2	1.32	0.49 No	0.2 Element Fault
SDX311	1149	'383335536_/_2826669'	0.5		3.33	3.33	0.34	0.4	1.31	0.49 No	0.34 Thermal Discharging
SDX311	1150	'383335269_/_383335350'	0.5		3.33	3.33	0.34	0.4	1.31	0.49 No	0.34 Thermal Discharging
SDX311	1151	'55036451_/_55036458'	0.37		3.33	3.33	0.34	0.4	1.3	0.49 No	0.34 Thermal Discharging
SDX311	1152	'2829325_/_2829322'	0.4		4.4	10	1.02	0.7	4.03	1.47 No	0.4 Primary Over-Voltage
SDX311	1153	'7860476_/_7860473'	0.2		1.53	3.33	0.34	0.3	1.34	0.49 No	0.2 Primary Over-Voltage
SDX311	1154	'7548648_/_7548645'	0.47		3.33	3.33	0.34	0.2	1.3	0.49 No	0.2 Element Fault
SDX311	1155	'2829282_/_43206803'	0.4		4.3	10	1.02	0.7	4	1.47 No	0.4 Primary Over-Voltage
SDX311	1156	'383335191_/_383335271'	0.47		3.33	3.33	0.34	0.4	1.29	0.49 No	0.34 Thermal Discharging
SDX311	1157	'383335312_/_383335198'	0.47		3.33	3.33	0.34	0.4	1.28	0.49 No	0.34 Thermal Discharging
SDX311	1158	'2825879_/_383335314'	0.47		2.73	3.33	0.34	0.4	1.27	0.49 No	0.34 Thermal Discharging
SDX311	1159	'44075616_/_44075620'	0.4		4.1	10	1.02	0.7	3.93	1.47 No	0.4 Primary Over-Voltage
SDX311	1160	'9440207_/_9440204'	0.2		1.43	3.33	0.34	0.3	1.3	0.49 No	0.2 Primary Over-Voltage
SDX311	1161	'55036574_/_55036581'	0.4		2.73	3.33	0.34	0.4	1.26	0.49 No	0.34 Thermal Discharging
SDX311	1162	'383335621_/_383335623'	0.47		2.73	3.33	0.34	0.4	1.25	0.49 No	0.34 Thermal Discharging
SDX311	1163	'38168113_/_44075602'	0.4		4	10	1.02	0.7	3.87	1.47 No	0.4 Primary Over-Voltage
SDX311	1164	'43206995_/_2826656'	0.43		2.73	3.33	0.34	0.4	1.24	0.49 No	0.34 Thermal Discharging
SDX311	1165	'676003730_/_581082559_1'	3.33		1.4	3.33	0.34	0.1	1.15	0.49 No	0.1 Element Fault
SDX311	1166	'74041937_/_74041891'	0.13		2.6	3.33	0.34	0.23	1.24	0.49 No	0.13 Primary Over-Voltage
SDX311	1167	'2829281_/_2829279'	0.4		3.9	10	1.02	0.7	3.83	1.47 No	0.4 Primary Over-Voltage
SDX311	1168	'385010059_/_581082559_2'	3.33		1.4	3.33	0.34	0.1	1.15	0.49 No	0.1 Element Fault
SDX311	1169	'55036739_/_55036746'	0.4		2.73	3.33	0.34	0.4	1.23	0.49 No	0.34 Thermal Discharging
SDX311	1170	'385540601_/_385010061'	3.33		1.4	3.33	0.34	0.1	1.14	0.49 No	0.1 Element Fault
SDX311	1171	'385010095_/_385540605'	3.33		1.4	3.33	0.34	0.1	1.13	0.49 No	0.1 Element Fault
SDX311	1172	'385540563_/_385010097'	3.33		1.4	3.33	0.34	0.1	1.13	0.49 No	0.1 Element Fault
SDX311	1173	'681988122_/_681988138'	0.4		2.73	3.33	0.34	0.4	1.21	0.49 No	0.34 Thermal Discharging
SDX311	1174	'385010131_/_385540567'	3.33		1.4	3.33	0.34	0.1	1.12	0.49 No	0.1 Element Fault
SDX311	1175	'439339148_/_439339123'	0.3		2.73	3.33	0.34	0.4	1.19	0.49 No	0.3 Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SDX311	1176	'385540525_/385010133'	3.33	1.4	3.33	0.34	0.1	1.11	0.49 No	0.1	Element Fault
SDX311	1177	'362035282_/2829565'	0.4	2.73	3.33	0.34	0.4	1.19	0.49 No	0.34	Thermal Discharging
SDX311	1178	'362035582_/2829578_2'	0.4	2.73	3.33	0.34	0.4	1.19	0.49 No	0.34	Thermal Discharging
SDX311	1179	'385010167_/385540529'	3.33	1.4	3.33	0.34	0.1	1.11	0.49 No	0.1	Element Fault
SDX311	1180	'385540487_/385010169'	3.33	1.4	3.33	0.34	0.1	1.1	0.49 No	0.1	Element Fault
SDX311	1181	'681988256_/681988272'	0.4	2.73	3.33	0.34	0.4	1.18	0.49 No	0.34	Thermal Discharging
SDX311	1182	'486720402_/486720406'	0.4	2.73	3.33	0.34	0.4	1.17	0.49 No	0.34	Thermal Discharging
SDX311	1183	'385010203_/419875201'	3.33	1.4	3.33	0.34	0.1	1.1	0.49 No	0.1	Element Fault
SDX311	1184	'385540449_/385540491'	3.33	1.4	3.33	0.34	0.1	1.09	0.49 No	0.1	Element Fault
SDX311	1185	'43206972_/2829578_1'	0.4	2.73	3.33	0.34	0.2	1.17	0.49 No	0.2	Element Fault
SDX311	1186	'2825801_/2825798'	0.37	2.73	3.33	0.34	0.4	1.16	0.49 No	0.34	Thermal Discharging
SDX311	1187	'362035396_/362035398'	0.37	2.73	3.33	0.34	0.2	1.16	0.49 No	0.2	Element Fault
SDX311	1188	'439339104_/439339152'	0.3	2.73	3.33	0.34	0.4	1.15	0.49 No	0.3	Primary Over-Voltage
SDX311	1189	'2825826_/2825837'	0.37	2.73	3.33	0.34	0.4	1.15	0.49 No	0.34	Thermal Discharging
SDX311	1190	'2825814_/2825811'	0.37	2.73	3.33	0.34	0.4	1.15	0.49 No	0.34	Thermal Discharging
SDX311	1191	'362035414_/362035416'	0.37	2.73	3.33	0.34	0.2	1.15	0.49 No	0.2	Element Fault
SDX311	1192	'487792874_/487792878'	0.37	2.73	3.33	0.34	0.4	1.15	0.49 No	0.34	Thermal Discharging
SDX311	1193	'2829594_/43206974'	0.37	2.73	3.33	0.34	0.2	1.14	0.49 No	0.2	Element Fault
SDX311	1194	'486720383_/486720387'	0.37	2.73	3.33	0.34	0.4	1.13	0.49 No	0.34	Thermal Discharging
SDX311	1195	'43206412_/385010205'	3.33	1.4	3.33	0.34	0.1	1.05	0.49 No	0.1	Element Fault
SDX311	1196	'2825827_/43205946'	0.33	2.73	3.33	0.34	0.4	1.11	0.49 No	0.33	Primary Over-Voltage
SDX311	1197	'43205944_/2825824'	0.37	2.73	3.33	0.34	0.4	1.11	0.49 No	0.34	Thermal Discharging
SDX311	1198	'43206401_/2826977'	3.33	1.4	3.33	0.34	0.1	1.04	0.49 No	0.1	Element Fault
SDX311	1199	'49147295_/2826990'	3.33	1.4	3.33	0.34	0.1	1.03	0.49 No	0.1	Element Fault
SDX311	1200	'49147304_/9127335_1'	3.33	1.4	3.33	0.34	0.1	1.03	0.49 No	0.1	Element Fault
SDX311	1201	'720712965_/9127335_2'	3.33	1.4	3.33	0.34	0.1	1.02	0.49 No	0.1	Element Fault
SDX311	1202	'9127338_/720712987'	3.33	1.4	3.33	0.34	0.1	1.01	0.49 No	0.1	Element Fault
SDX312	0	'SDX312_/484354379'	10	10	10	1.064	10	10	1.64 No	1.064	Thermal Discharging
SDX312	1	'500634500_/484354379'	10	10	10	1.064	10	10	1.64 No	1.064	Thermal Discharging
SDX312	2	'602146673_/602146611_2'	10	10	10	1.064	10	10	1.64 No	1.064	Thermal Discharging
SDX312	3	'513376787_/602146611_1'	10	10	10	1.064	10	10	1.64 No	1.064	Thermal Discharging
SDX312	4	'513375682_/513375686'	10	10	10	1.064	10	10	1.64 No	1.064	Thermal Discharging
SDX312	5	'53030924_/53030921'	10	10	10	1.064	10	10	1.64 No	1.064	Thermal Discharging
SDX312	6	'53031924_/53031691'	10	10	10	1.064	10	10	1.63 No	1.064	Thermal Discharging
SDX312	7	'53031715_/53031712'	10	10	10	1.064	10	10	1.63 No	1.064	Thermal Discharging
SDX312	8	'53031736_/53031733'	10	10	10	1.064	10	10	1.63 No	1.064	Thermal Discharging
SDX312	9	'53031757_/53031754'	10	10	10	1.064	10	10	1.63 No	1.064	Thermal Discharging
SDX312	10	'53031778_/53031775'	10	10	10	1.064	10	10	1.63 No	1.064	Thermal Discharging
SDX312	11	'53031799_/53031796'	10	10	10	1.064	10	10	1.63 No	1.064	Thermal Discharging
SDX312	12	'53031820_/53031817'	10	10	10	1.064	10	10	1.63 No	1.064	Thermal Discharging
SDX312	13	'53031841_/53031838'	10	10	10	1.064	10	10	1.63 No	1.064	Thermal Discharging
SDX312	14	'53031862_/53031859'	10	10	10	1.064	10	10	1.63 No	1.064	Thermal Discharging
SDX312	15	'53031883_/53031880'	10	10	10	1.064	10	10	1.63 No	1.064	Thermal Discharging
SDX312	16	'51265104_/53031901'	10	10	10	1.064	10	10	1.63 No	1.064	Thermal Discharging
SDX312	17	'69349678_/69349523'	10	10	10	1.064	10	10	1.63 No	1.064	Thermal Discharging
SDX312	18	'558413934_/53031994_2'	10	10	10	1.064	10	10	1.63 No	1.064	Thermal Discharging
SDX312	19	'53032017_/53031994_1'	10	10	10	1.064	10	10	1.63 No	1.064	Thermal Discharging
SDX312	20	'69349703_/69349680'	10	10	10	1.064	10	10	1.63 No	1.064	Thermal Discharging
SDX312	21	'53032043_/53032020'	10	10	10	1.064	10	10	1.63 No	1.064	Thermal Discharging
SDX312	22	'69349729_/69349706'	10	10	10	1.064	10	10	1.63 No	1.064	Thermal Discharging
SDX312	23	'69350452_/69350428_1'	10	10	10	1.064	3.8	10	1.63 No	1.064	Thermal Discharging
SDX312	24	'53032069_/53032046'	10	10	10	1.064	10	10	1.63 No	1.064	Thermal Discharging
SDX312	25	'69349755_/69349732'	10	10	10	1.064	10	10	1.63 No	1.064	Thermal Discharging
SDX312	26	'69350431_/69350428_2'	10	10	10	1.064	3.8	10	1.63 No	1.064	Thermal Discharging
SDX312	27	'69349781_/69349758'	10	10	10	1.064	10	10	1.63 No	1.064	Thermal Discharging
SDX312	28	'53032095_/53032072'	10	10	10	1.064	10	10	1.63 No	1.064	Thermal Discharging
SDX312	29	'69350407_/69350377_1'	9.9	10	10	1.064	3.8	10	1.63 No	1.064	Thermal Discharging
SDX312	30	'69349807_/69349784'	10	10	10	1.064	10	10	1.63 No	1.064	Thermal Discharging
SDX312	31	'53032121_/53032098'	10	10	10	1.064	10	10	1.63 No	1.064	Thermal Discharging
SDX312	32	'69350358_/69350334_1'	10	10	10	1.064	3.8	10	1.63 No	1.064	Thermal Discharging
SDX312	33	'53032147_/53032124'	10	10	10	1.064	10	10	1.63 No	1.064	Thermal Discharging
SDX312	34	'69349833_/69349810'	10	10	10	1.064	10	10	1.63 No	1.064	Thermal Discharging
SDX312	35	'69350337_/69350334_2'	10	10	10	1.064	3.8	10	1.63 No	1.064	Thermal Discharging
SDX312	36	'69350310_/69350291_1'	10	10	10	1.064	3.8	10	1.63 No	1.064	Thermal Discharging
SDX312	37	'53032173_/53032150'	10	10	10	1.064	10	10	1.63 No	1.064	Thermal Discharging
SDX312	38	'69349839_/69349836'	10	10	10	1.064	10	10	1.63 No	1.064	Thermal Discharging
SDX312	39	'69350250_/69350291_2'	10	10	10	1.064	3.8	10	1.63 No	1.064	Thermal Discharging
SDX312	40	'53032199_/53032176'	10	10	10	1.064	10	10	1.63 No	1.064	Thermal Discharging
SDX312	41	'69349934_/69349911'	10	10	10	1.064	10	10	1.63 No	1.064	Thermal Discharging
SDX312	42	'53032225_/53032202'	10	10	10	1.064	10	10	1.63 No	1.064	Thermal Discharging
SDX312	43	'69349960_/69349937'	10	10	10	1.064	10	10	1.63 No	1.064	Thermal Discharging
SDX312	44	'69349966_/69349963'	10	10	10	1.064	10	10	1.63 No	1.064	Thermal Discharging
SDX312	45	'53032251_/53032228'	10	10	10	1.064	10	10	1.63 No	1.064	Thermal Discharging
SDX312	46	'69350239_/69350220_1'	9.1	10	10	1.064	3.8	10	1.63 No	1.064	Thermal Discharging
SDX312	47	'70190228_/53032254'	10	10	10	1.064	10	10	1.63 No	1.064	Thermal Discharging
SDX312	48	'624839574_/53032280_1'	10	10	10	1.064	10	10	1.63 No	1.064	Thermal Discharging
SDX312	49	'624839588_/53032280_2'	10	10	10	1.064	10	10	1.63 No	1.064	Thermal Discharging
SDX312	50	'8493630_/8493627'	10	10	10	1.064	3.8	10	1.63 No	1.064	Thermal Discharging
SDX312	51	'71271846_/71271843'	10	10	10	1.064	10	10	1.63 No	1.064	Thermal Discharging
SDX312	52	'558413329_/513375361'	10	10	10	1.064	10	10	1.63 No	1.064	Thermal Discharging
SDX312	53	'9127654_/69350462'	10	10	10	1.064	3.8	10	1.63 No	1.064	Thermal Discharging
SDX312	54	'2832080_/558413338'	10	10	10	1.064	10	10	1.63 No	1.064	Thermal Discharging
SDX312	55	'2832063_/2832077'	10	10	10	1.064	10	10	1.63 No	1.064	Thermal Discharging
SDX312	56	'513374994_/513374998'	10	10	10	1.064	10	10	1.63 No	1.064	Thermal Discharging
SDX312	57	'2806971_/2832060'	10	10	10	1.064	10	10	1.63 No	1.064	Thermal Discharging
SDX312	58	'513375294_/513375055_1'	10	10	10	1.064	4.7	10	1.63 No	1.064	Thermal Discharging
SDX312	59	'513375113_/513375055_2'	10	10	10	1.064	4.1	10	1.63 No	1.064	Thermal Discharging
SDX312	60	'7860764_/69350518'	10	10	10	1.064	3.8	10	1.63 No	1.064	Thermal Discharging
SDX312	61	'384660469_/2806968_2'	3.33	3.33	3.33	0.352	3.33	3.33	0.54 No	0.352	Thermal Discharging
SDX312	62	'43207623_/2832131'	10	10	10	1.064	10	10	1.63 No	1.064	Thermal Discharging
SDX312	63	'7860763_/7860761'	10	10	10	1.064	3.8	10	1.63 No	1.064	Thermal Discharging
SDX312	64	'2806970_/2806968_1'	3.33	3.33	3.33	0.352	1.2	3.33	0.54 No	0.352	Thermal Discharging
SDX312	65	'7234541_/8493547'	10	10	10	1.064	3.8	10	1.63 No	1.064	Thermal Discharging
SDX312	66	'2806987_/2832114'	10	10	10	1.064	10	10	1.63 No	1.064	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SDX312	67	'2806986_/2807001_1'		10	10	10	1.064	5.9	10	1.63 No	1.064 Thermal Discharging
SDX312	68	'7234401_/9127499'		10	10	10	1.064	3.8	10	1.63 No	1.064 Thermal Discharging
SDX312	69	'43207649_/43207651'		10	10	10	1.064	10	10	1.62 No	1.064 Thermal Discharging
SDX312	70	'2832258_/2832256'		10	10	10	1.064	10	10	1.62 No	1.064 Thermal Discharging
SDX312	71	'7234461_/513375485'		10	10	10	1.064	10	10	1.62 No	1.064 Thermal Discharging
SDX312	72	'120300898_/2832324'		10	10	10	1.064	10	10	1.62 No	1.064 Thermal Discharging
SDX312	73	'558414099_/2831972_1'		10	10	10	1.064	2.3	10	1.62 No	1.064 Thermal Discharging
SDX312	74	'7234400_/7234398'		10	10	10	1.064	3.8	10	1.63 No	1.064 Thermal Discharging
SDX312	75	'2806954_/2831972_2'		10	10	10	1.064	2.3	10	1.62 No	1.064 Thermal Discharging
SDX312	76	'2807004_/2807001_2'		10	10	10	1.064	5.9	10	1.62 No	1.064 Thermal Discharging
SDX312	77	'513375633_/513375639'		10	10	10	1.064	2.3	10	1.62 No	1.064 Thermal Discharging
SDX312	78	'558413761_/2806951_3'		10	10	10	1.064	2.3	10	1.62 No	1.064 Thermal Discharging
SDX312	79	'109355968_/109355965'		10	10	10	1.064	10	10	1.62 No	1.064 Thermal Discharging
SDX312	80	'109356028_/109356007_1'		10	10	10	1.064	3.8	10	1.62 No	1.064 Thermal Discharging
SDX312	81	'43207573_/43207575'		10	10	10	1.064	10	10	1.62 No	1.064 Thermal Discharging
SDX312	82	'109355996_/109356007_2'		10	10	10	1.064	3.8	10	1.62 No	1.064 Thermal Discharging
SDX312	83	'2831928_/2832307'		10	10	10	1.064	10	10	1.62 No	1.064 Thermal Discharging
SDX312	84	'2832205_/2832290'		10	10	10	1.064	10	10	1.62 No	1.064 Thermal Discharging
SDX312	85	'7234540_/7234538'		10	10	10	1.064	3.8	10	1.62 No	1.064 Thermal Discharging
SDX312	86	'43207525_/43207527'		10	10	10	1.064	10	10	1.62 No	1.064 Thermal Discharging
SDX312	87	'43207699_/43207701'		10	10	10	1.064	5.9	10	1.62 No	1.064 Thermal Discharging
SDX312	88	'7234560_/7860841'		10	10	10	1.064	3.8	10	1.62 No	1.064 Thermal Discharging
SDX312	89	'2831929_/2831926'	3.33		3.33	3.33	0.352	2.9	3.33	0.54 No	0.352 Thermal Discharging
SDX312	90	'2831895_/2831909'		10	10	10	1.064	10	10	1.62 No	1.064 Thermal Discharging
SDX312	91	'7234561_/7234558'		10	10	10	1.064	3.8	10	1.62 No	1.064 Thermal Discharging
SDX312	92	'7860863_/8812088'		10	10	10	1.064	3.8	10	1.62 No	1.064 Thermal Discharging
SDX312	93	'7549010_/7860861'	6.67		6.67	6.67	0.712	2.53	6.67	1.08 No	0.712 Thermal Discharging
SDX312	94	'2806855_/2831892'		10	10	10	1.064	10	10	1.62 No	1.064 Thermal Discharging
SDX312	95	'130476886_/2832692_1'		10	10	10	1.064	4.8	10	1.62 No	1.064 Thermal Discharging
SDX312	96	'302526365_/302526370'		10	10	10	1.064	3.8	10	1.62 No	1.064 Thermal Discharging
SDX312	97	'2832735_/2832749'		10	10	10	1.064	10	10	1.62 No	1.064 Thermal Discharging
SDX312	98	'43207610_/2832692_2'		10	10	10	1.064	4.8	10	1.62 No	1.064 Thermal Discharging
SDX312	99	'2832718_/2832732'		10	10	10	1.064	10	10	1.62 No	1.064 Thermal Discharging
SDX312	100	'49205789_/53028375'		10	10	10	1.064	3.8	10	1.62 No	1.064 Thermal Discharging
SDX312	101	'2831861_/2831875'		10	10	10	1.064	10	10	1.62 No	1.064 Thermal Discharging
SDX312	102	'467882327_/467882347'		10	10	10	1.064	3.8	10	1.62 No	1.064 Thermal Discharging
SDX312	103	'2832678_/2832715'		10	10	10	1.064	10	10	1.62 No	1.064 Thermal Discharging
SDX312	104	'49205768_/49205772'		10	10	10	1.064	3.8	10	1.62 No	1.064 Thermal Discharging
SDX312	105	'43207597_/2831955'		10	10	10	1.064	4.8	10	1.62 No	1.064 Thermal Discharging
SDX312	106	'43207686_/43207688'		10	10	10	1.064	10	10	1.62 No	1.064 Thermal Discharging
SDX312	107	'2830499_/2832806'		10	10	10	1.064	5.9	10	1.62 No	1.064 Thermal Discharging
SDX312	108	'43207538_/43207540'		10	10	10	1.064	10	10	1.62 No	1.064 Thermal Discharging
SDX312	109	'7548874_/647309046_4'	3.33		3.33	3.33	0.352	1.97	3.33	0.54 No	0.352 Thermal Discharging
SDX312	110	'53028446_/516886942'		10	10	10	1.064	3.8	10	1.62 No	1.064 Thermal Discharging
SDX312	111	'602147541_/647309046_3'	3.33		3.33	3.33	0.352	0.9	3.33	0.54 No	0.352 Thermal Discharging
SDX312	112	'49205553_/2832658'		10	10	10	1.064	10	10	1.62 No	1.064 Thermal Discharging
SDX312	113	'49205760_/516886931'		10	10	10	1.064	3.8	10	1.62 No	1.064 Thermal Discharging
SDX312	114	'2806838_/2806835'		10	10	10	1.064	4.8	10	1.62 No	1.064 Thermal Discharging
SDX312	115	'2832415_/2832530'		10	10	10	1.064	10	10	1.62 No	1.064 Thermal Discharging
SDX312	116	'2806874_/2806872'		10	10	10	1.064	10	10	1.62 No	1.064 Thermal Discharging
SDX312	117	'148995914_/2806892_1'	3.33		3.33	3.33	0.352	0.7	3.33	0.54 No	0.352 Thermal Discharging
SDX312	118	'86676080_/7821674'		10	10	10	1.064	3.8	10	1.62 No	1.064 Thermal Discharging
SDX312	119	'86676006_/86676085'		10	10	10	1.064	3.8	10	1.62 No	1.064 Thermal Discharging
SDX312	120	'43207453_/2832412'		10	10	10	1.064	10	10	1.62 No	1.064 Thermal Discharging
SDX312	121	'43207141_/2830332'		10	10	10	1.064	4.8	10	1.62 No	1.064 Thermal Discharging
SDX312	122	'2806895_/2806892_2'	3.33		3.33	3.33	0.352	0.7	3.33	0.54 No	0.352 Thermal Discharging
SDX312	123	'602147070_/2806905_1'	3.33		3.33	3.33	0.352	0.6	3.33	0.54 No	0.352 Thermal Discharging
SDX312	124	'86676220_/86676011'		10	10	10	1.064	3.8	10	1.62 No	1.064 Thermal Discharging
SDX312	125	'86676190_/86676255'		10	10	10	1.064	3.8	10	1.62 No	1.064 Thermal Discharging
SDX312	126	'2832397_/2832395'		10	10	10	1.064	10	10	1.62 No	1.064 Thermal Discharging
SDX312	127	'86676146_/86676201'		10	10	10	1.064	3.8	10	1.62 No	1.064 Thermal Discharging
SDX312	128	'602147857_/2832483_1'	3.33		3.33	3.33	0.352	1.2	3.33	0.54 No	0.352 Thermal Discharging
SDX312	129	'2832499_/2832513'		10	10	10	1.064	10	10	1.62 No	1.064 Thermal Discharging
SDX312	130	'2830403_/2830477'		10	10	10	1.064	5.9	10	1.62 No	1.064 Thermal Discharging
SDX312	131	'54852122_/86676151'		10	10	10	1.064	3.8	10	1.62 No	1.064 Thermal Discharging
SDX312	132	'7234421_/602147043'		10	10	10	1.064	10	10	1.62 No	1.064 Thermal Discharging
SDX312	133	'54852196_/54852216'		10	10	10	1.064	3.8	10	1.62 No	1.064 Thermal Discharging
SDX312	134	'2831235_/2832483_2'	3.33		3.33	3.33	0.352	1.2	3.33	0.54 No	0.352 Thermal Discharging
SDX312	135	'2830352_/43207143'		10	10	10	1.064	4.8	10	1.62 No	1.064 Thermal Discharging
SDX312	136	'2832381_/2832496'		10	10	10	1.064	10	10	1.62 No	1.064 Thermal Discharging
SDX312	137	'602147199_/8183695_1'	3.33		3.33	3.33	0.352	0.9	3.33	0.54 No	0.352 Thermal Discharging
SDX312	138	'54852085_/54852203'		10	10	10	1.064	3.8	10	1.62 No	1.064 Thermal Discharging
SDX312	139	'602147229_/8183695_2'	3.33		3.33	3.33	0.352	0.6	3.33	0.54 No	0.352 Thermal Discharging
SDX312	140	'2832361_/2832378'		10	10	10	1.064	10	10	1.62 No	1.064 Thermal Discharging
SDX312	141	'7812436_/7812434_1'	3.33		3.33	3.33	0.352	1.2	3.33	0.54 No	0.352 Thermal Discharging
SDX312	142	'2832344_/2832358'		10	10	10	1.064	10	10	1.62 No	1.064 Thermal Discharging
SDX312	143	'2832449_/2832463_1'		10	10	10	1.064	3.8	10	1.62 No	1.064 Thermal Discharging
SDX312	144	'2831236_/2831233'	3.33		3.33	3.33	0.352	1.2	3.33	0.54 No	0.352 Thermal Discharging
SDX312	145	'2830368_/2830447'		10	10	10	1.064	4.8	10	1.62 No	1.064 Thermal Discharging
SDX312	146	'7812437_/7812434_2'	3.33		3.33	3.33	0.352	1.2	3.33	0.54 No	0.352 Thermal Discharging
SDX312	147	'43207331_/2832429'		10	10	10	1.064	10	10	1.62 No	1.064 Thermal Discharging
SDX312	148	'2831072_/2832341'		10	10	10	1.064	8.5	10	1.62 No	1.064 Thermal Discharging
SDX312	149	'9078965_/9706634'	3.33		3.33	3.33	0.352	1.2	3.33	0.54 No	0.352 Thermal Discharging
SDX312	150	'2831185_/2832463_2'		10	10	10	1.064	3.8	10	1.62 No	1.064 Thermal Discharging
SDX312	151	'43207128_/2830366'		10	10	10	1.064	4.8	10	1.62 No	1.064 Thermal Discharging
SDX312	152	'9127148_/302526408'	3.33		3.33	3.33	0.352	1.27	3.33	0.54 No	0.352 Thermal Discharging
SDX312	153	'7821676_/54852088'		10	10	10	1.064	3.8	10	1.62 No	1.064 Thermal Discharging
SDX312	154	'2831146_/2831163'		10	10	10	1.064	10	10	1.62 No	1.064 Thermal Discharging
SDX312	155	'9078966_/9078963'	3.33		3.33	3.33	0.352	1.2	3.33	0.54 No	0.352 Thermal Discharging
SDX312	156	'2831071_/2831069'		10	10	10	1.064	8.5	10	1.62 No	1.064 Thermal Discharging
SDX312	157	'2831129_/2831143'		10	10	10	1.064	10	10	1.62 No	1.064 Thermal Discharging
SDX312	158	'611022819_/2831126'		10	10	10	1.064	10	10	1.62 No	1.064 Thermal Discharging
SDX312	159	'43207193_/2830400'		10	10	10	1.064	5.9	10	1.62 No	1.064 Thermal Discharging
SDX312	160	'43207115_/43207130'		10	10	10	1.064	4.8	10	1.62 No	1.064 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SDX312	161	'73273634_/7860801'	10	10	10	1.064	3.8	10	1.62 No	1.064	Thermal Discharging
SDX312	162	'43207396_/611022833'	10	10	10	1.064	10	10	1.62 No	1.064	Thermal Discharging
SDX312	163	'446519608_/446519546'	10	10	10	1.064	3.8	10	1.62 No	1.064	Thermal Discharging
SDX312	164	'73273681_/73273710'	10	10	10	1.064	3.8	10	1.62 No	1.064	Thermal Discharging
SDX312	165	'73273592_/73273692'	10	10	10	1.064	3.8	10	1.62 No	1.064	Thermal Discharging
SDX312	166	'69350380_/69350492'	10	10	10	1.064	3.8	10	1.62 No	1.064	Thermal Discharging
SDX312	167	'2831088_/2831414'	10	10	10	1.064	8.5	10	1.62 No	1.064	Thermal Discharging
SDX312	168	'611023617_/43207411_1'	3.33	3.33	3.33	0.352	1.2	3.33	0.54 No	0.352	Thermal Discharging
SDX312	169	'611023778_/611023315_3'	10	10	10	1.064	8.2	10	1.62 No	1.064	Thermal Discharging
SDX312	170	'91475365_/73273598'	10	10	10	1.064	3.8	10	1.62 No	1.064	Thermal Discharging
SDX312	171	'611023934_/446519606'	10	10	10	1.064	3.8	10	1.62 No	1.064	Thermal Discharging
SDX312	172	'2831111_/2831109'	10	10	10	1.064	10	10	1.62 No	1.064	Thermal Discharging
SDX312	173	'611023462_/611023315_2'	10	10	10	1.064	4.7	10	1.62 No	1.064	Thermal Discharging
SDX312	174	'91475417_/91475446'	9.9	10	10	1.064	3.8	10	1.62 No	1.064	Thermal Discharging
SDX312	175	'2824418_/43207117'	10	10	10	1.064	4.8	10	1.62 No	1.064	Thermal Discharging
SDX312	176	'611023828_/611023832'	10	10	10	1.064	3.8	10	1.62 No	1.064	Thermal Discharging
SDX312	177	'2831323_/43207411_2'	3.33	3.33	3.33	0.352	1.2	3.33	0.54 No	0.352	Thermal Discharging
SDX312	178	'2831089_/2831086'	10	10	10	1.064	8.5	10	1.62 No	1.064	Thermal Discharging
SDX312	179	'8183299_/8183297_1'	10	10	10	1.064	2.3	10	1.62 No	1.064	Thermal Discharging
SDX312	180	'91475320_/91475428'	9.7	10	10	1.064	3.8	10	1.62 No	1.064	Thermal Discharging
SDX312	181	'2824527_/2830417'	10	10	10	1.064	5.9	10	1.62 No	1.064	Thermal Discharging
SDX312	182	'43207420_/43207422'	10	10	10	1.064	3.8	10	1.62 No	1.064	Thermal Discharging
SDX312	183	'2824451_/8183297_2'	10	10	10	1.064	2.3	10	1.62 No	1.064	Thermal Discharging
SDX312	184	'2831806_/618440947_2'	10	10	10	1.064	3.8	10	1.62 No	1.064	Thermal Discharging
SDX312	185	'2831434_/2831431'	10	10	10	1.064	8.5	10	1.62 No	1.064	Thermal Discharging
SDX312	186	'2831484_/446519629'	3.33	3.33	3.33	0.352	1.27	3.33	0.54 No	0.352	Thermal Discharging
SDX312	187	'2831467_/2831465'	10	10	10	1.064	10	10	1.62 No	1.064	Thermal Discharging
SDX312	188	'618848074_/611022886_1'	10	10	10	1.064	3.8	10	1.62 No	1.064	Thermal Discharging
SDX312	189	'43207154_/2824432'	10	10	10	1.064	4.8	10	1.62 No	1.064	Thermal Discharging
SDX312	190	'7548970_/91475325'	9.3	10	10	1.064	3.8	10	1.62 No	1.064	Thermal Discharging
SDX312	191	'43207056_/2824525'	9.5	10	10	1.064	5.9	10	1.62 No	1.064	Thermal Discharging
SDX312	192	'69350173_/7548967'	9.2	10	10	1.064	3.8	10	1.62 No	1.064	Thermal Discharging
SDX312	193	'2831451_/2831448'	10	10	10	1.064	8.5	10	1.62 No	1.064	Thermal Discharging
SDX312	194	'8493590_/611023657_1'	10	10	10	1.064	4	10	1.62 No	1.064	Thermal Discharging
SDX312	195	'602147600_/43207058'	9.3	10	10	1.064	5.9	10	1.62 No	1.064	Thermal Discharging
SDX312	196	'602147695_/7860325_4'	3.07	3.33	3.33	0.352	1.97	3.33	0.54 No	0.352	Thermal Discharging
SDX312	197	'8183320_/8183317'	9.9	10	10	1.064	2.3	10	1.62 No	1.064	Thermal Discharging
SDX312	198	'2824545_/602147604'	9.2	10	10	1.064	5.9	10	1.62 No	1.064	Thermal Discharging
SDX312	199	'2831535_/618440947_1'	10	10	10	1.064	2.3	10	1.61 No	1.064	Thermal Discharging
SDX312	200	'8183473_/9127125'	9.8	10	10	1.064	2.3	10	1.62 No	1.064	Thermal Discharging
SDX312	201	'8183388_/8811476_1'	3.03	3.33	3.33	0.352	1.2	3.33	0.54 No	0.352	Thermal Discharging
SDX312	202	'8493705_/611023657_2'	10	10	10	1.064	4	10	1.61 No	1.064	Thermal Discharging
SDX312	203	'2831485_/446519642'	3.33	3.33	3.33	0.352	1.27	3.33	0.54 No	0.352	Thermal Discharging
SDX312	204	'2832825_/2832823'	3.33	3.33	3.33	0.352	2.83	3.33	0.54 No	0.352	Thermal Discharging
SDX312	205	'602147671_/7860325_3'	3.03	3.33	3.33	0.352	0.9	3.33	0.54 No	0.352	Thermal Discharging
SDX312	206	'51240009_/51240006'	9.8	10	10	1.064	4.8	10	1.62 No	1.064	Thermal Discharging
SDX312	207	'2824510_/2824610'	8.9	10	10	1.064	5.9	10	1.62 No	1.064	Thermal Discharging
SDX312	208	'2828976_/2832766'	10	10	10	1.064	10	10	1.61 No	1.064	Thermal Discharging
SDX312	209	'7860292_/9440042_1'	8.9	10	10	1.064	3.8	10	1.62 No	1.064	Thermal Discharging
SDX312	210	'57762940_/51240074_1'	3.27	3.33	3.33	0.352	0.7	3.33	0.54 No	0.352	Thermal Discharging
SDX312	211	'618848047_/611022978_1'	3.33	3.33	3.33	0.352	1.2	3.33	0.54 No	0.352	Thermal Discharging
SDX312	212	'2824362_/2824382'	9.5	10	10	1.064	4.8	10	1.61 No	1.064	Thermal Discharging
SDX312	213	'9440549_/611022886_2'	9.8	10	10	1.064	3.8	10	1.61 No	1.064	Thermal Discharging
SDX312	214	'44226894_/611022978_2'	3.27	3.33	3.33	0.352	1.2	3.33	0.54 No	0.352	Thermal Discharging
SDX312	215	'2831522_/2831532'	9.6	10	10	1.064	2.3	10	1.61 No	1.064	Thermal Discharging
SDX312	216	'43207032_/2824402'	3.1	3.33	3.33	0.352	1.6	3.33	0.54 No	0.352	Thermal Discharging
SDX312	217	'2828955_/2828973'	9.5	10	10	1.064	10	10	1.61 No	1.064	Thermal Discharging
SDX312	218	'7548805_/8493703'	9.8	10	10	1.064	4	10	1.61 No	1.064	Thermal Discharging
SDX312	219	'8811463_/8811476_2'	2.4	3.33	3.33	0.352	1.2	3.33	0.54 No	0.352	Thermal Discharging
SDX312	220	'51240067_/51240074_2'	3.13	3.33	3.33	0.352	0.7	3.33	0.54 No	0.352	Thermal Discharging
SDX312	221	'43207102_/43207104'	9	10	10	1.064	4.8	10	1.61 No	1.064	Thermal Discharging
SDX312	222	'8183419_/9440042_2'	8.2	10	10	1.064	3.8	10	1.62 No	1.064	Thermal Discharging
SDX312	223	'2824493_/2824508'	8.2	10	10	1.064	5.9	10	1.62 No	1.064	Thermal Discharging
SDX312	224	'7548436_/9440022_1'	8.2	10	10	1.064	3.8	10	1.62 No	1.064	Thermal Discharging
SDX312	225	'33312692_/49210416'	3.33	3.33	3.33	0.352	0.77	3.33	0.53 No	0.352	Thermal Discharging
SDX312	226	'2831277_/2831519'	9.1	10	10	1.064	2.3	10	1.61 No	1.064	Thermal Discharging
SDX312	227	'645016772_/645016682_2'	9.1	10	10	1.064	2.3	10	1.61 No	1.064	Thermal Discharging
SDX312	228	'2824896_/2828953'	9.1	10	10	1.064	10	10	1.61 No	1.064	Thermal Discharging
SDX312	229	'2824468_/49210426'	3.33	3.33	3.33	0.352	0.77	3.33	0.53 No	0.352	Thermal Discharging
SDX312	230	'2831502_/2831499'	3.1	3.33	3.33	0.352	1.27	3.33	0.54 No	0.352	Thermal Discharging
SDX312	231	'8183420_/8183417'	8.1	10	10	1.064	3.8	10	1.62 No	1.064	Thermal Discharging
SDX312	232	'49931372_/8183571_1'	9.1	10	10	1.064	2.3	10	1.61 No	1.064	Thermal Discharging
SDX312	233	'2824880_/43205933'	9	10	10	1.064	10	10	1.61 No	1.064	Thermal Discharging
SDX312	234	'618848019_/611023188_1'	3	3.33	3.33	0.352	1.5	3.33	0.54 No	0.352	Thermal Discharging
SDX312	235	'412069970_/7549119_1'	9	10	10	1.064	2.7	10	1.61 No	1.064	Thermal Discharging
SDX312	236	'645016666_/645016682_1'	8.9	10	10	1.064	1.4	10	1.61 No	1.064	Thermal Discharging
SDX312	237	'618848029_/611023188_2'	3	3.33	3.33	0.352	1.3	3.33	0.54 No	0.352	Thermal Discharging
SDX312	238	'2824577_/2824575'	8.6	10	10	1.064	4.8	10	1.61 No	1.064	Thermal Discharging
SDX312	239	'618440856_/642902120_1'	2.93	3.33	3.33	0.352	0.7	3.33	0.54 No	0.352	Thermal Discharging
SDX312	240	'2831278_/642902120_2'	2.93	3.33	3.33	0.352	0.7	3.33	0.54 No	0.352	Thermal Discharging
SDX312	241	'8183355_/9440002'	7.8	10	10	1.064	3.8	10	1.61 No	1.064	Thermal Discharging
SDX312	242	'43207182_/43207034'	2.83	3.33	3.33	0.352	1.6	3.33	0.54 No	0.352	Thermal Discharging
SDX312	243	'62895024_/2824491'	7.7	10	10	1.064	5.9	10	1.62 No	1.064	Thermal Discharging
SDX312	244	'618440816_/2831634_3'	2.9	3.33	3.33	0.352	0.7	3.33	0.54 No	0.352	Thermal Discharging
SDX312	245	'2824481_/8493009_1'	2.83	3.33	3.33	0.352	0.8	3.33	0.54 No	0.352	Thermal Discharging
SDX312	246	'7548422_/9440022_2'	7.7	10	10	1.064	3.8	10	1.61 No	1.064	Thermal Discharging
SDX312	247	'62895089_/62895042_1'	7.7	10	10	1.064	3.8	10	1.61 No	1.064	Thermal Discharging
SDX312	248	'7860455_/8183571_2'	8.7	10	10	1.064	2.3	10	1.61 No	1.064	Thermal Discharging
SDX312	249	'51240151_/51240158'	2.87	3.33	3.33	0.352	0.7	3.33	0.54 No	0.352	Thermal Discharging
SDX312	250	'412697536_/412697584'	5.6	6.67	6.67	0.712	2.67	6.67	1.07 No	0.712	Thermal Discharging
SDX312	251	'7860456_/7860453'	8.7	10	10	1.064	2.3	10	1.61 No	1.064	Thermal Discharging
SDX312	252	'412697580_/7548803'	8.5	10	10	1.064	4	10	1.61 No	1.064	Thermal Discharging
SDX312	253	'62895035_/62895042_2'	7.5	10	10	1.064	3.8	10	1.61 No	1.064	Thermal Discharging
SDX312	254	'2824629_/2824627'	8.2	10	10	1.064	4.8	10	1.61 No	1.064	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SDX312	255	'118974621_/7548469_1'	8.2	10	10	1.064	2.4	10	1.61 No	1.064	Thermal Discharging
SDX312	256	'411499570_/7549119_2'	8.3	10	10	1.064	2.7	10	1.61 No	1.064	Thermal Discharging
SDX312	257	'8811462_/8811460'	2.5	3.33	3.33	0.352	1.2	3.33	0.54 No	0.352	Thermal Discharging
SDX312	258	'62895061_/62895065'	7.4	10	10	1.064	3.8	10	1.61 No	1.064	Thermal Discharging
SDX312	259	'2832550_/2832547'	2.8	3.33	3.33	0.352	1.27	3.33	0.54 No	0.352	Thermal Discharging
SDX312	260	'7548806_/412697540'	8	10	10	1.064	4	10	1.61 No	1.064	Thermal Discharging
SDX312	261	'7549141_/7549139_1'	7.2	10	10	1.064	2.7	10	1.61 No	1.064	Thermal Discharging
SDX312	262	'118974428_/7548469_2'	7.8	10	10	1.064	2.4	10	1.61 No	1.064	Thermal Discharging
SDX312	263	'7548455_/8493009_2'	2.6	3.33	3.33	0.352	0.8	3.33	0.54 No	0.352	Thermal Discharging
SDX312	264	'491245183_/491245205'	7.1	10	10	1.064	3.8	10	1.61 No	1.064	Thermal Discharging
SDX312	265	'411499528_/411499622'	7.8	10	10	1.064	2.7	10	1.61 No	1.064	Thermal Discharging
SDX312	266	'7233778_/8811560'	7.2	10	10	1.064	3.8	10	1.61 No	1.064	Thermal Discharging
SDX312	267	'117947804_/117947820'	7.5	10	10	1.064	2.4	10	1.61 No	1.064	Thermal Discharging
SDX312	268	'2831567_/2832567'	2.63	3.33	3.33	0.352	1.27	3.33	0.54 No	0.352	Thermal Discharging
SDX312	269	'7549121_/417313110'	7.6	10	10	1.064	2.7	10	1.61 No	1.064	Thermal Discharging
SDX312	270	'8183474_/8183471'	3.1	3.33	3.33	0.352	0.77	3.33	0.53 No	0.352	Thermal Discharging
SDX312	271	'9439988_/9439986'	2.27	3.33	3.33	0.352	1.2	3.33	0.54 No	0.352	Thermal Discharging
SDX312	272	'2824594_/2824592'	4.47	6.67	6.67	0.712	2.53	6.67	1.08 No	0.712	Thermal Discharging
SDX312	273	'7741521_/7741519'	6.8	10	10	1.064	3.8	10	1.61 No	1.064	Thermal Discharging
SDX312	274	'2824595_/9439934'	6.7	10	10	1.064	3.8	10	1.61 No	1.064	Thermal Discharging
SDX312	275	'8183340_/9439970'	2.73	3.33	3.33	0.352	1.27	3.33	0.53 No	0.352	Thermal Discharging
SDX312	276	'66511075_/7860269'	6.7	10	10	1.064	3.8	10	1.61 No	1.064	Thermal Discharging
SDX312	277	'8183339_/8183337'	2.67	3.33	3.33	0.352	1.27	3.33	0.53 No	0.352	Thermal Discharging
SDX312	278	'66511173_/66511184'	6.6	10	10	1.064	3.8	10	1.61 No	1.064	Thermal Discharging
SDX312	279	'118974346_/118974383'	7.1	10	10	1.064	2.4	10	1.61 No	1.064	Thermal Discharging
SDX312	280	'7548471_/9439878'	7	10	10	1.064	2.4	10	1.61 No	1.064	Thermal Discharging
SDX312	281	'7233796_/7233794'	4.33	6.67	6.67	0.712	2.53	6.67	1.07 No	0.712	Thermal Discharging
SDX312	282	'2832587_/2832604'	2.43	3.33	3.33	0.352	1.27	3.33	0.54 No	0.352	Thermal Discharging
SDX312	283	'66511122_/66511202'	6.4	10	10	1.064	3.8	10	1.61 No	1.064	Thermal Discharging
SDX312	284	'7548405_/8183353'	2.6	3.33	3.33	0.352	1.27	3.33	0.53 No	0.352	Thermal Discharging
SDX312	285	'7548406_/7548403'	2.6	3.33	3.33	0.352	1.27	3.33	0.53 No	0.352	Thermal Discharging
SDX312	286	'7549142_/8493723'	7.1	10	10	1.064	2.7	10	1.61 No	1.064	Thermal Discharging
SDX312	287	'7233797_/7548509'	6.5	10	10	1.064	3.8	10	1.61 No	1.064	Thermal Discharging
SDX312	288	'7548456_/7548453'	2.27	3.33	3.33	0.352	0.8	3.33	0.54 No	0.352	Thermal Discharging
SDX312	289	'86398356_/86398384'	6.4	10	10	1.064	3.8	10	1.61 No	1.064	Thermal Discharging
SDX312	290	'7233814_/8183487'	2.73	3.33	3.33	0.352	0.77	3.33	0.53 No	0.352	Thermal Discharging
SDX312	291	'71075024_/71075030'	5.6	10	10	1.064	3.8	10	1.61 No	1.064	Thermal Discharging
SDX312	292	'412697515_/412697622'	2.9	3.33	3.33	0.352	1.33	3.33	0.53 No	0.352	Thermal Discharging
SDX312	293	'7548421_/71075125'	5.6	10	10	1.064	3.8	10	1.61 No	1.064	Thermal Discharging
SDX312	294	'71075178_/71075157'	5.6	10	10	1.064	3.8	10	1.61 No	1.064	Thermal Discharging
SDX312	295	'7860375_/8811528'	2.13	3.33	3.33	0.352	0.8	3.33	0.54 No	0.352	Thermal Discharging
SDX312	296	'7233815_/7233812'	2.5	3.33	3.33	0.352	0.77	3.33	0.53 No	0.352	Thermal Discharging
SDX312	297	'7233701_/7233698'	2.27	3.33	3.33	0.352	1.27	3.33	0.53 No	0.352	Thermal Discharging
SDX312	298	'7233732_/9127161'	2.3	3.33	3.33	0.352	1.27	3.33	0.53 No	0.352	Thermal Discharging
SDX312	299	'7233733_/7233730'	2.27	3.33	3.33	0.352	1.27	3.33	0.53 No	0.352	Thermal Discharging
SDX312	300	'7741650_/7741647'	2.23	3.33	3.33	0.352	1.27	3.33	0.53 No	0.352	Thermal Discharging
SDX312	301	'52842021_/71075184'	5.6	10	10	1.064	3.8	10	1.61 No	1.064	Thermal Discharging
SDX312	302	'7741666_/7741663'	2.2	3.33	3.33	0.352	1.27	3.33	0.53 No	0.352	Thermal Discharging
SDX312	303	'8757521_/8757518'	2.17	3.33	3.33	0.352	1.27	3.33	0.53 No	0.352	Thermal Discharging
SDX312	304	'7548531_/7860373'	1.97	3.33	3.33	0.352	0.8	3.33	0.54 No	0.352	Thermal Discharging
SDX312	305	'52841990_/52842068'	5.5	10	10	1.064	3.8	10	1.61 No	1.064	Thermal Discharging
SDX312	306	'8811547_/9440078'	1.83	3.33	3.33	0.352	1.2	3.33	0.54 No	0.352	Thermal Discharging
SDX312	307	'50359239_/9391688'	2.13	3.33	3.33	0.352	1.27	3.33	0.53 No	0.352	Thermal Discharging
SDX312	308	'7860271_/52841997'	5.4	10	10	1.064	3.8	10	1.61 No	1.064	Thermal Discharging
SDX312	309	'617807241_/66511127_1'	5.3	10	10	1.064	3.8	10	1.61 No	1.064	Thermal Discharging
SDX312	310	'34590724_/44082458'	2.07	3.33	3.33	0.352	1.27	3.33	0.53 No	0.352	Thermal Discharging
SDX312	311	'8493064_/9127177'	2	3.33	3.33	0.352	1.27	3.33	0.53 No	0.352	Thermal Discharging
SDX312	312	'8183404_/8811544'	1.7	3.33	3.33	0.352	1.2	3.33	0.54 No	0.352	Thermal Discharging
SDX312	313	'7233762_/7548529'	1.8	3.33	3.33	0.352	0.8	3.33	0.53 No	0.352	Thermal Discharging
SDX312	314	'8440283_/9396718'	1.9	3.33	3.33	0.352	1.27	3.33	0.53 No	0.352	Thermal Discharging
SDX312	315	'9127230_/86398432'	1.83	3.33	3.33	0.352	1.27	3.33	0.53 No	0.352	Thermal Discharging
SDX312	316	'8183458_/9127227'	1.83	3.33	3.33	0.352	1.27	3.33	0.53 No	0.352	Thermal Discharging
SDX312	317	'612923565_/612923599'	1.6	3.33	3.33	0.352	1.2	3.33	0.53 No	0.352	Thermal Discharging
SDX312	318	'7233748_/7233760_1'	1.67	3.33	3.33	0.352	1.27	3.33	0.53 No	0.352	Thermal Discharging
SDX312	319	'7860312_/8493077'	1.83	3.33	3.33	0.352	1.27	3.33	0.53 No	0.352	Thermal Discharging
SDX312	320	'7860311_/7860309'	1.83	3.33	3.33	0.352	1.27	3.33	0.53 No	0.352	Thermal Discharging
SDX312	321	'7860343_/612923563'	1.57	3.33	3.33	0.352	1.2	3.33	0.53 No	0.352	Thermal Discharging
SDX312	322	'9127247_/9127245'	1.57	3.33	3.33	0.352	1.2	3.33	0.53 No	0.352	Thermal Discharging
SDX312	323	'7860344_/7860341'	1.57	3.33	3.33	0.352	1.2	3.33	0.53 No	0.352	Thermal Discharging
SDX312	324	'8493112_/8493109'	1.57	3.33	3.33	0.352	1.2	3.33	0.53 No	0.352	Thermal Discharging
SDX312	325	'7860359_/9127193'	1.53	3.33	3.33	0.352	1.2	3.33	0.53 No	0.352	Thermal Discharging
SDX312	326	'7860360_/8493143_1'	1.53	3.33	3.33	0.352	0.77	3.33	0.53 No	0.352	Thermal Discharging
SDX312	327	'7233749_/8493125'	1.67	3.33	3.33	0.352	1.27	3.33	0.53 No	0.352	Thermal Discharging
SDX312	328	'513375305_/513375055_3'	10	10	10	1.064	4.1	10	1.47 No	1.064	Thermal Discharging
SDX312	329	'513375058_/513375313'	10	10	10	1.064	4.1	10	1.47 No	1.064	Thermal Discharging
SDX312	330	'513375076_/513375073'	10	10	10	1.064	4.1	10	1.47 No	1.064	Thermal Discharging
SDX312	331	'513375135_/513375168'	10	10	10	1.064	4.1	10	1.47 No	1.064	Thermal Discharging
SDX312	332	'513375241_/7860821_2'	10	10	10	1.064	4.1	10	1.47 No	1.064	Thermal Discharging
SDX312	333	'611023332_/611023315_1'	10	10	10	1.064	1.5	10	1.47 No	1.064	Thermal Discharging
SDX312	334	'611023795_/2831647_2'	10	10	10	1.064	1.5	10	1.47 No	1.064	Thermal Discharging
SDX312	335	'2831354_/2831647_1'	10	10	10	1.064	1.4	10	1.47 No	1.064	Thermal Discharging
SDX312	336	'7548950_/7860821_1'	10	10	10	1.064	1.4	10	1.47 No	1.064	Thermal Discharging
SDX312	337	'611023042_/611023188_3'	0.7	3.33	3.33	0.352	1.3	3.33	0.49 No	0.352	Thermal Discharging
SDX312	338	'611023152_/611023048_1'	0.67	3.33	3.33	0.352	0.4	3.33	0.49 No	0.352	Thermal Discharging
SDX312	339	'7548930_/7548947'	10	10	10	1.064	1.4	10	1.47 No	1.064	Thermal Discharging
SDX312	340	'43205920_/611023048_2'	0.67	3.33	3.33	0.352	0.4	3.33	0.49 No	0.352	Thermal Discharging
SDX312	341	'43207477_/43207479'	10	10	10	1.064	1.4	10	1.47 No	1.064	Thermal Discharging
SDX312	342	'7234343_/7548927'	10	10	10	1.064	1.4	10	1.47 No	1.064	Thermal Discharging
SDX312	343	'7234342_/7234340'	10	10	10	1.064	1.4	10	1.47 No	1.064	Thermal Discharging
SDX312	344	'8183790_/8493607'	10	10	10	1.064	1.4	10	1.47 No	1.064	Thermal Discharging
SDX312	345	'7234381_/8183787'	10	10	10	1.064	1.4	10	1.47 No	1.064	Thermal Discharging
SDX312	346	'2831052_/2831334'	5.7	10	10	1.064	1.4	10	1.47 No	1.064	Thermal Discharging
SDX312	347	'7234380_/7234378'	10	10	10	1.064	1.4	10	1.47 No	1.064	Thermal Discharging
SDX312	348	'43207383_/43207385'	4.8	10	10	1.064	1.4	10	1.47 No	1.064	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SDX312	349	'7234362_/7234360'		4.13	6.67	6.67	0.712	0.93	6.67	0.98 No	0.712 Thermal Discharging
SDX312	350	'2824867_/2824911'		0.5	3.33	3.33	0.352	0.4	3.33	0.49 No	0.352 Thermal Discharging
SDX312	351	'2828826_/2831029'		4.4	10	10	1.064	1.4	10	1.47 No	1.064 Thermal Discharging
SDX312	352	'7234363_/9127479'		6.3	10	10	1.064	1.4	10	1.47 No	1.064 Thermal Discharging
SDX312	353	'2828895_/2828905'		1.47	3.33	3.33	0.352	0.47	3.33	0.49 No	0.352 Thermal Discharging
SDX312	354	'8812030_/8812028'		6	10	10	1.064	1.4	10	1.47 No	1.064 Thermal Discharging
SDX312	355	'43206672_/43206674'		4.1	10	10	1.064	1.4	10	1.47 No	1.064 Thermal Discharging
SDX312	356	'43206661_/43206663'		1.4	3.33	3.33	0.352	0.47	3.33	0.49 No	0.352 Thermal Discharging
SDX312	357	'43205863_/43205865'		3.8	10	10	1.064	1.4	10	1.47 No	1.064 Thermal Discharging
SDX312	358	'2824854_/2824865'		0.43	3.33	3.33	0.352	0.4	3.33	0.49 No	0.352 Thermal Discharging
SDX312	359	'55324074_/8493175_1'		3.8	10	10	1.064	1.4	10	1.47 No	1.064 Thermal Discharging
SDX312	360	'2824722_/2828879'		1.33	3.33	3.33	0.352	0.47	3.33	0.49 No	0.352 Thermal Discharging
SDX312	361	'8183870_/8812048'		5.1	10	10	1.064	1.4	10	1.47 No	1.064 Thermal Discharging
SDX312	362	'7548598_/7548595'		2.33	6.67	6.67	0.712	0.93	6.67	0.98 No	0.712 Thermal Discharging
SDX312	363	'8183869_/8183867'		4.9	10	10	1.064	1.4	10	1.47 No	1.064 Thermal Discharging
SDX312	364	'7549085_/7549083'		1.83	3.33	3.33	0.352	0.47	3.33	0.49 No	0.352 Thermal Discharging
SDX312	365	'7233878_/8493175_2'		3.5	10	10	1.064	1.4	10	1.47 No	1.064 Thermal Discharging
SDX312	366	'43205887_/43205889'		1.23	3.33	3.33	0.352	0.47	3.33	0.49 No	0.352 Thermal Discharging
SDX312	367	'8183830_/8811992'		4.8	10	10	1.064	1.4	10	1.47 No	1.064 Thermal Discharging
SDX312	368	'9127266_/9127263'		3.4	10	10	1.064	1.4	10	1.47 No	1.064 Thermal Discharging
SDX312	369	'2828869_/2828866'		1.23	3.33	3.33	0.352	0.47	3.33	0.49 No	0.352 Thermal Discharging
SDX312	370	'53029208_/53029120'		4.6	10	10	1.064	1.4	10	1.47 No	1.064 Thermal Discharging
SDX312	371	'53029205_/53029182'		4.6	10	10	1.064	1.4	10	1.47 No	1.064 Thermal Discharging
SDX312	372	'7233879_/7233876'		1.2	3.33	3.33	0.352	0.47	3.33	0.49 No	0.352 Thermal Discharging
SDX312	373	'2824683_/2824693'		1.17	3.33	3.33	0.352	0.47	3.33	0.49 No	0.352 Thermal Discharging
SDX312	374	'53029164_/53029161'		4.5	10	10	1.064	1.4	10	1.47 No	1.064 Thermal Discharging
SDX312	375	'8493213_/9440164'		3.2	10	10	1.064	1.4	10	1.47 No	1.064 Thermal Discharging
SDX312	376	'8183829_/8183827'		4.4	10	10	1.064	1.4	10	1.47 No	1.064 Thermal Discharging
SDX312	377	'33312844_/8493211'		3.2	10	10	1.064	1.4	10	1.47 No	1.064 Thermal Discharging
SDX312	378	'8133818_/8133815'		3.1	10	10	1.064	1.4	10	1.47 No	1.064 Thermal Discharging
SDX312	379	'7549066_/8811972'		4.3	10	10	1.064	1.4	10	1.47 No	1.064 Thermal Discharging
SDX312	380	'2824841_/2824852'		0.37	3.33	3.33	0.352	0.4	3.33	0.49 No	0.352 Thermal Discharging
SDX312	381	'8446259_/8446256'		3.1	10	10	1.064	1.4	10	1.47 No	1.064 Thermal Discharging
SDX312	382	'7549065_/7549063'		4.2	10	10	1.064	1.4	10	1.47 No	1.064 Thermal Discharging
SDX312	383	'43205876_/43205878'		1.1	3.33	3.33	0.352	0.47	3.33	0.49 No	0.352 Thermal Discharging
SDX312	384	'2824709_/2824706'		1.07	3.33	3.33	0.352	0.47	3.33	0.49 No	0.352 Thermal Discharging
SDX312	385	'7860439_/7860437_1'		1.03	3.33	3.33	0.352	0.4	3.33	0.49 No	0.352 Thermal Discharging
SDX312	386	'8493669_/8493667'		3.9	10	10	1.064	1.4	10	1.47 No	1.064 Thermal Discharging
SDX312	387	'239356422_/2824839'		0.33	3.33	3.33	0.352	0.4	3.33	0.49 No	0.33 Primary Over-Voltage
SDX312	388	'2824735_/2824732'		1	3.33	3.33	0.352	0.47	3.33	0.49 No	0.352 Thermal Discharging
SDX312	389	'9127593_/9127591'		3.6	10	10	1.064	1.4	10	1.47 No	1.064 Thermal Discharging
SDX312	390	'2824747_/2824745'		0.97	3.33	3.33	0.352	0.47	3.33	0.49 No	0.352 Thermal Discharging
SDX312	391	'7548616_/7548613_2'		0.97	3.33	3.33	0.352	0.47	3.33	0.49 No	0.352 Thermal Discharging
SDX312	392	'9440513_/9440510'		3.5	10	10	1.064	1.4	10	1.47 No	1.064 Thermal Discharging
SDX312	393	'40986142_/8130371'		2.6	10	10	1.064	1.4	10	1.47 No	1.064 Thermal Discharging
SDX312	394	'2824790_/2824787'		0.3	3.33	3.33	0.352	0.4	3.33	0.49 No	0.3 Primary Over-Voltage
SDX312	395	'8183542_/8183539_2'		0.3	3.33	3.33	0.352	0.4	3.33	0.49 No	0.3 Primary Over-Voltage
SDX312	396	'2824763_/2824826'		0.3	3.33	3.33	0.352	0.4	3.33	0.49 No	0.3 Primary Over-Voltage
SDX312	397	'50304554_/50304519_1'		0.3	3.33	3.33	0.352	0.2	3.33	0.49 No	0.2 Element Fault
SDX312	398	'43205909_/2824761'		0.3	3.33	3.33	0.352	0.4	3.33	0.49 No	0.3 Primary Over-Voltage
SDX312	399	'7860440_/7860437_2'		0.83	3.33	3.33	0.352	0.4	3.33	0.49 No	0.352 Thermal Discharging
SDX312	400	'7819850_/44106925'		2.3	9.8	10	1.064	1.4	10	1.47 No	1.064 Thermal Discharging
SDX312	401	'8183541_/8183539_1'		0.3	3.33	3.33	0.352	0.2	3.33	0.49 No	0.2 Element Fault
SDX312	402	'7548615_/7548613_1'		0.83	3.33	3.33	0.352	0.4	3.33	0.49 No	0.352 Thermal Discharging
SDX312	403	'2824777_/2824774'		0.27	3.33	3.33	0.352	0.4	3.33	0.49 No	0.27 Primary Over-Voltage
SDX312	404	'51340461_/50304519_2'		0.27	3.33	3.33	0.352	0.2	3.33	0.49 No	0.2 Element Fault
SDX312	405	'7819851_/7819848'		2.2	9.2	10	1.064	1.4	9.95	1.47 No	1.064 Thermal Discharging
SDX312	406	'43206685_/2828921'		0.27	3.3	3.33	0.352	0.4	3.29	0.49 No	0.27 Primary Over-Voltage
SDX312	407	'602147525_/647309046_2'		0.4	3.33	3.33	0.352	0.2	3.01	0.49 No	0.2 Element Fault
SDX312	408	'43205840_/2824800'		0.27	3.13	3.33	0.352	0.4	3.3	0.49 No	0.27 Primary Over-Voltage
SDX312	409	'611024206_/2806905_2'		0.4	3.33	3.33	0.352	0.2	3	0.49 No	0.2 Element Fault
SDX312	410	'602147253_/8183695_3'		0.4	3.33	3.33	0.352	0.2	2.99	0.49 No	0.2 Element Fault
SDX312	411	'7548564_/8183519'		2.1	8.9	10	1.064	1.4	9.75	1.47 No	1.064 Thermal Discharging
SDX312	412	'43207586_/2806905_3'		0.37	3.33	3.33	0.352	0.2	2.95	0.49 No	0.2 Element Fault
SDX312	413	'43206696_/43206698'		0.27	3.17	3.33	0.352	0.4	3.22	0.49 No	0.27 Primary Over-Voltage
SDX312	414	'127871450_/127871459'		2.1	8.7	10	1.064	1.4	9.67	1.47 No	1.064 Thermal Discharging
SDX312	415	'2828939_/7234220_2'		0.27	3.17	3.33	0.352	0.4	3.22	0.49 No	0.27 Primary Over-Voltage
SDX312	416	'8493446_/8493443'		0.27	2.97	3.33	0.352	0.2	3.17	0.49 No	0.2 Element Fault
SDX312	417	'608727097_/608727149'		1.27	4.73	6.67	0.712	0.93	6.33	0.98 No	0.712 Thermal Discharging
SDX312	418	'608727145_/127871765'		1.9	7.2	10	1.064	1.4	9.45	1.47 No	1.064 Thermal Discharging
SDX312	419	'7860408_/7860405'		0.73	3	3.33	0.352	0.4	3.11	0.49 No	0.352 Thermal Discharging
SDX312	420	'43207091_/43207588'		0.37	3.33	3.33	0.352	0.2	2.87	0.49 No	0.2 Element Fault
SDX312	421	'647309024_/647309046_1'		0.33	3.33	3.33	0.352	0.2	2.87	0.49 No	0.2 Element Fault
SDX312	422	'7234307_/7548871'		0.33	3.33	3.33	0.352	0.2	2.85	0.49 No	0.2 Element Fault
SDX312	423	'7234222_/7234220_1'		0.23	2.9	3.33	0.352	0.2	3.08	0.49 No	0.2 Element Fault
SDX312	424	'127871756_/608727101'		1.9	7.2	10	1.064	1.4	9.17	1.47 No	1.064 Thermal Discharging
SDX312	425	'43207080_/43207093'		0.33	3.33	3.33	0.352	0.2	2.79	0.49 No	0.2 Element Fault
SDX312	426	'55401241_/55401248'		0.7	2.8	3.33	0.352	0.4	3.01	0.49 No	0.352 Thermal Discharging
SDX312	427	'7548857_/8493687'		0.23	2.73	3.33	0.352	0.2	3.03	0.49 No	0.2 Element Fault
SDX312	428	'2824670_/43205842'		0.23	2.63	3.33	0.352	0.4	3.03	0.49 No	0.23 Primary Over-Voltage
SDX312	429	'7234306_/7234304'		0.3	3.33	3.33	0.352	0.2	2.76	0.49 No	0.2 Element Fault
SDX312	430	'8183698_/8183695_4'		0.33	3.33	3.33	0.352	0.2	2.74	0.49 No	0.2 Element Fault
SDX312	431	'2830322_/43207082'		0.33	3.33	3.33	0.352	0.2	2.71	0.49 No	0.2 Element Fault
SDX312	432	'7233894_/127871969'		1.7	6.6	10	1.064	1.4	8.82	1.47 No	1.064 Thermal Discharging
SDX312	433	'2824345_/2830434'		0.3	3.33	3.33	0.352	0.2	2.68	0.49 No	0.2 Element Fault
SDX312	434	'7548389_/7548387_1'		0.3	3.33	3.33	0.352	0.2	2.68	0.49 No	0.2 Element Fault
SDX312	435	'7548858_/7548855'		0.23	2.47	3.33	0.352	0.2	2.87	0.49 No	0.2 Element Fault
SDX312	436	'7548739_/127871983'		1.7	6.7	10	1.064	1.4	8.59	1.47 No	1.064 Thermal Discharging
SDX312	437	'8811630_/127871476'		0.63	2.5	3.33	0.352	0.47	2.84	0.49 No	0.352 Thermal Discharging
SDX312	438	'127871488_/127871497'		0.6	2.5	3.33	0.352	0.47	2.84	0.49 No	0.352 Thermal Discharging
SDX312	439	'7860732_/7860729'		0.3	3.33	3.33	0.352	0.2	2.65	0.49 No	0.2 Element Fault
SDX312	440	'7548390_/7548387_2'		0.3	3.33	3.33	0.352	0.2	2.62	0.49 No	0.2 Element Fault
SDX312	441	'442473240_/442473244'		1.7	6.7	10	1.064	1.4	8.48	1.47 No	1.064 Thermal Discharging
SDX312	442	'442473268_/442473372'		1.7	6.7	10	1.064	1.4	8.45	1.47 No	1.064 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SDX312	443	'43207069_/2824330'	0.3	3.33	3.33	0.352	0.2	2.6	0.49 No	0.2	Element Fault
SDX312	444	'7860747_/8183711'	0.27	3.33	3.33	0.352	0.2	2.62	0.49 No	0.2	Element Fault
SDX312	445	'442473214_/442473325'	1.7	6.7	10	1.064	1.4	8.43	1.47 No	1.064	Thermal Discharging
SDX312	446	'7234290_/9440382'	0.3	3.33	3.33	0.352	0.2	2.61	0.49 No	0.2	Element Fault
SDX312	447	'371238976_/371238973'	0.3	3.33	3.33	0.352	0.2	2.57	0.49 No	0.2	Element Fault
SDX312	448	'371238999_/8811580_2'	0.3	3.33	3.33	0.352	0.2	2.57	0.49 No	0.2	Element Fault
SDX312	449	'608727079_/608727231'	0.6	2.4	3.33	0.352	0.47	2.74	0.49 No	0.352	Thermal Discharging
SDX312	450	'7860748_/7860745'	0.27	3.33	3.33	0.352	0.2	2.56	0.49 No	0.2	Element Fault
SDX312	451	'8811599_/8811596'	0.2	2.3	3.33	0.352	0.2	2.74	0.49 No	0.2	Primary Over-Voltage
SDX312	452	'7234291_/7234288'	0.27	3.33	3.33	0.352	0.2	2.54	0.49 No	0.2	Element Fault
SDX312	453	'127871607_/127871603'	0.57	2.27	3.33	0.352	0.47	2.7	0.49 No	0.352	Thermal Discharging
SDX312	454	'127871600_/127871780'	0.57	2.27	3.33	0.352	0.47	2.7	0.49 No	0.352	Thermal Discharging
SDX312	455	'127871592_/127871596'	0.57	2.27	3.33	0.352	0.47	2.7	0.49 No	0.352	Thermal Discharging
SDX312	456	'127871593_/127871589'	0.57	2.27	3.33	0.352	0.4	2.7	0.49 No	0.352	Thermal Discharging
SDX312	457	'402904889_/402904886'	0.57	2.27	3.33	0.352	0.47	2.7	0.49 No	0.352	Thermal Discharging
SDX312	458	'7234186_/55135748'	1.7	6.6	10	1.064	1.4	8.13	1.47 No	1.064	Thermal Discharging
SDX312	459	'127871807_/127871816'	0.57	2.27	3.33	0.352	0.47	2.69	0.49 No	0.352	Thermal Discharging
SDX312	460	'7233831_/8811580_1'	0.27	3.33	3.33	0.352	0.2	2.51	0.49 No	0.2	Element Fault
SDX312	461	'9440115_/9440112'	0.2	2.2	3.33	0.352	0.2	2.68	0.49 No	0.2	Primary Over-Voltage
SDX312	462	'7233910_/127871835'	0.57	2.23	3.33	0.352	0.4	2.65	0.49 No	0.352	Thermal Discharging
SDX312	463	'7233716_/8493045'	0.27	3.33	3.33	0.352	0.2	2.49	0.49 No	0.2	Element Fault
SDX312	464	'9127426_/9127423'	0.27	3.33	3.33	0.352	0.2	2.48	0.49 No	0.2	Element Fault
SDX312	465	'127871863_/7233908'	0.57	2.17	3.33	0.352	0.4	2.6	0.49 No	0.352	Thermal Discharging
SDX312	466	'7233717_/7233714'	0.23	3.33	3.33	0.352	0.2	2.45	0.49 No	0.2	Element Fault
SDX312	467	'7233830_/7233828'	0.27	3.33	3.33	0.352	0.2	2.41	0.49 No	0.2	Element Fault
SDX312	468	'8183372_/8183369'	0.23	3.33	3.33	0.352	0.2	2.43	0.49 No	0.2	Element Fault
SDX312	469	'39720960_/49436032'	0.27	3.33	3.33	0.352	0.2	2.42	0.49 No	0.2	Element Fault
SDX312	470	'7233927_/7233924'	0.53	2.07	3.33	0.352	0.4	2.54	0.49 No	0.352	Thermal Discharging
SDX312	471	'7548841_/9440398'	0.23	3.33	3.33	0.352	0.2	2.38	0.49 No	0.2	Element Fault
SDX312	472	'8812110_/8812108'	0.23	3.33	3.33	0.352	0.2	2.33	0.49 No	0.2	Element Fault
SDX312	473	'8493095_/8811512'	0.23	3.33	3.33	0.352	0.2	2.34	0.49 No	0.2	Element Fault
SDX312	474	'7860328_/8493093'	0.23	3.33	3.33	0.352	0.2	2.31	0.49 No	0.2	Element Fault
SDX312	475	'157663326_/157663332'	0.23	3.33	3.33	0.352	0.2	2.29	0.49 No	0.2	Element Fault
SDX312	476	'8442130_/9127089'	0.23	3.33	3.33	0.352	0.2	2.26	0.49 No	0.2	Element Fault
SDX312	477	'157663375_/157663416'	0.23	3.33	3.33	0.352	0.2	2.25	0.49 No	0.2	Element Fault
SDX312	478	'7548548_/7548545'	0.5	1.87	3.33	0.352	0.4	2.36	0.49 No	0.352	Thermal Discharging
SDX312	479	'7234187_/8493387_1'	0.3	1.1	3.33	0.352	0.4	2.35	0.49 No	0.3	Primary Over-Voltage
SDX312	480	'7548842_/157663389'	0.2	3.33	3.33	0.352	0.2	2.21	0.49 No	0.2	Primary Over-Voltage
SDX312	481	'602147636_/7860325_1'	0.2	3.33	3.33	0.352	0.2	2.2	0.49 No	0.2	Primary Over-Voltage
SDX312	482	'8759842_/8442128'	0.2	3.33	3.33	0.352	0.2	2.19	0.49 No	0.2	Primary Over-Voltage
SDX312	483	'505863500_/7860421'	0.47	1.8	3.33	0.352	0.4	2.31	0.49 No	0.352	Thermal Discharging
SDX312	484	'558413834_/2806951_2'	0.8	10	10	1.064	0.4	6.12	1.47 No	0.4	Element Fault
SDX312	485	'2806953_/2806951_1'	0.8	10	10	1.064	0.4	6.11	1.47 No	0.4	Element Fault
SDX312	486	'383498648_/43207664_1'	0.27	3.33	3.33	0.352	0.1	2.03	0.49 No	0.1	Element Fault
SDX312	487	'383795593_/383795595'	0.8	10	10	1.064	0.4	6.09	1.47 No	0.4	Element Fault
SDX312	488	'383795754_/383795702_1'	0.8	10	10	1.064	0.3	6.09	1.47 No	0.3	Element Fault
SDX312	489	'383795660_/383795702_2'	0.8	10	10	1.064	0.3	6.08	1.47 No	0.3	Element Fault
SDX312	490	'2807080_/2807094'	0.7	10	10	1.064	0.4	6.04	1.47 No	0.4	Element Fault
SDX312	491	'9127562_/9127559'	0.2	3.33	3.33	0.352	0.2	2.12	0.49 No	0.2	Primary Over-Voltage
SDX312	492	'2807026_/43207664_2'	0.27	3.33	3.33	0.352	0.1	1.99	0.49 No	0.1	Element Fault
SDX312	493	'2806934_/2807077'	0.7	10	10	1.064	0.4	5.97	1.47 No	0.4	Element Fault
SDX312	494	'618440867_/2831634_2'	0.27	3.33	3.33	0.352	0.1	1.98	0.49 No	0.1	Element Fault
SDX312	495	'9127542_/9127539'	0.7	10	10	1.064	0.3	5.94	1.47 No	0.3	Element Fault
SDX312	496	'9127578_/9127575'	0.2	3.33	3.33	0.352	0.2	2.1	0.49 No	0.2	Primary Over-Voltage
SDX312	497	'7548774_/8493355'	0.43	1.7	3.33	0.352	0.47	2.19	0.49 No	0.352	Thermal Discharging
SDX312	498	'38872703_/8759840'	0.2	3.33	3.33	0.352	0.2	2.07	0.49 No	0.2	Primary Over-Voltage
SDX312	499	'7548581_/505863520'	0.43	1.67	3.33	0.352	0.4	2.19	0.49 No	0.352	Thermal Discharging
SDX312	500	'2806933_/2806931'	0.7	10	10	1.064	0.4	5.89	1.47 No	0.4	Element Fault
SDX312	501	'2831252_/2831634_1'	0.23	3.33	3.33	0.352	0.1	1.95	0.49 No	0.1	Element Fault
SDX312	502	'7548773_/7548771'	0.43	1.63	3.33	0.352	0.47	2.15	0.49 No	0.352	Thermal Discharging
SDX312	503	'2831945_/2831942'	0.23	3.33	3.33	0.352	0.13	1.94	0.49 No	0.13	Element Fault
SDX312	504	'2807062_/2807060'	0.7	10	10	1.064	0.4	5.8	1.47 No	0.4	Element Fault
SDX312	505	'2831832_/2831842'	0.23	3.33	3.33	0.352	0.13	1.92	0.49 No	0.13	Element Fault
SDX312	506	'7548582_/7548579'	0.43	1.6	3.33	0.352	0.4	2.12	0.49 No	0.352	Thermal Discharging
SDX312	507	'43207466_/2831249'	0.23	3.33	3.33	0.352	0.1	1.91	0.49 No	0.1	Element Fault
SDX312	508	'2807113_/2807111'	0.6	10	10	1.064	0.4	5.72	1.47 No	0.4	Element Fault
SDX312	509	'2831831_/43207553'	0.23	3.33	3.33	0.352	0.13	1.89	0.49 No	0.13	Element Fault
SDX312	510	'2831371_/2831368'	0.4	6.67	6.67	0.712	0.27	3.77	0.98 No	0.27	Element Fault
SDX312	511	'2831548_/2831664'	0.6	10	10	1.064	0.4	5.65	1.47 No	0.4	Element Fault
SDX312	512	'2831264_/2831262'	0.23	3.33	3.33	0.352	0.1	1.86	0.49 No	0.1	Element Fault
SDX312	513	'43207490_/2831383'	0.4	6.67	6.67	0.712	0.27	3.74	0.98 No	0.27	Element Fault
SDX312	514	'8183506_/8183503'	0.4	1.53	3.33	0.352	0.4	2.06	0.49 No	0.352	Thermal Discharging
SDX312	515	'2831404_/43207492'	0.2	3.33	3.33	0.352	0.13	1.86	0.49 No	0.13	Element Fault
SDX312	516	'2831307_/2831545'	0.6	10	10	1.064	0.4	5.58	1.47 No	0.4	Element Fault
SDX312	517	'8183810_/8183807_2'	0.6	10	10	1.064	0.4	5.58	1.47 No	0.4	Element Fault
SDX312	518	'8183809_/8183807_1'	0.6	10	10	1.064	0.3	5.51	1.47 No	0.3	Element Fault
SDX312	519	'2831290_/2831304'	0.6	10	10	1.064	0.4	5.5	1.47 No	0.4	Element Fault
SDX312	520	'2831611_/2831621'	0.2	3.33	3.33	0.352	0.1	1.82	0.49 No	0.1	Element Fault
SDX312	521	'651199746_/651199762'	0.4	1.47	3.33	0.352	0.47	1.98	0.49 No	0.352	Thermal Discharging
SDX312	522	'2831291_/2831288'	0.2	3.33	3.33	0.352	0.13	1.8	0.49 No	0.13	Element Fault
SDX312	523	'2831598_/2831608'	0.2	3.33	3.33	0.352	0.1	1.78	0.49 No	0.1	Element Fault
SDX312	524	'2832647_/2832644'	0.2	3.33	3.33	0.352	0.13	1.79	0.49 No	0.13	Element Fault
SDX312	525	'7233863_/8493159'	0.37	1.43	3.33	0.352	0.4	1.93	0.49 No	0.352	Thermal Discharging
SDX312	526	'2831585_/2831595'	0.2	3.33	3.33	0.352	0.1	1.74	0.49 No	0.1	Element Fault
SDX312	527	'2831006_/2831582'	0.2	3.33	3.33	0.352	0.1	1.71	0.49 No	0.1	Element Fault
SDX312	528	'2830967_/2831003'	0.17	3.33	3.33	0.352	0.1	1.67	0.49 No	0.1	Element Fault
SDX312	529	'7233847_/7233860'	0.33	1.3	3.33	0.352	0.4	1.81	0.49 No	0.33	Primary Over-Voltage
SDX312	530	'7233846_/7233844'	0.33	1.23	3.33	0.352	0.4	1.73	0.49 No	0.33	Primary Over-Voltage
SDX312	531	'9127373_/9127371'	0.3	1.2	3.33	0.352	0.4	1.67	0.49 No	0.3	Primary Over-Voltage
SDX312	532	'2830953_/2830964'	0.17	3.33	3.33	0.352	0.1	1.54	0.49 No	0.1	Element Fault
SDX312	533	'43207298_/2830951'	0.17	3.33	3.33	0.352	0.1	1.53	0.49 No	0.1	Element Fault
SDX312	534	'7548724_/9440312'	0.3	1.2	3.33	0.352	0.4	1.66	0.49 No	0.3	Primary Over-Voltage
SDX312	535	'7548723_/7548721'	0.3	1.17	3.33	0.352	0.4	1.65	0.49 No	0.3	Primary Over-Voltage
SDX312	536	'2830937_/2830935'	0.13	3.33	3.33	0.352	0.1	1.49	0.49 No	0.1	Element Fault

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SDX312	537	'66698620_/_66698503'	0.13	3.33	3.33	0.352	0.1	1.49	0.49 No	0.1	Element Fault
SDX312	538	'510340424_/_510340448'	0.3	1.13	3.33	0.352	0.4	1.61	0.49 No	0.3	Primary Over-Voltage
SDX312	539	'66698585_/_66698582'	0.13	3.33	3.33	0.352	0.1	1.45	0.49 No	0.1	Element Fault
SDX312	540	'2830980_/_2830977'	0.13	3.33	3.33	0.352	0.1	1.41	0.49 No	0.1	Element Fault
SDX312	541	'2830911_/_2830990'	0.13	3.33	3.33	0.352	0.1	1.39	0.49 No	0.1	Element Fault
SDX312	542	'404626192_/_404626194'	0.13	3.33	3.33	0.352	0.1	1.39	0.49 No	0.1	Element Fault
SDX312	543	'43207309_/_43207311'	0.13	3.33	3.33	0.352	0.1	1.38	0.49 No	0.1	Element Fault
SDX312	544	'404626229_/_2830909'	0.13	3.33	3.33	0.352	0.1	1.38	0.49 No	0.1	Element Fault
SDX312	545	'404626090_/_404626231'	0.13	3.33	3.33	0.352	0.1	1.35	0.49 No	0.1	Element Fault
SDX312	546	'66698506_/_2830896'	0.13	3.33	3.33	0.352	0.1	1.34	0.49 No	0.1	Element Fault
SDX312	547	'404625985_/_404626092'	0.13	3.33	3.33	0.352	0.1	1.32	0.49 No	0.1	Element Fault
SDX312	548	'385151742_/_385151744'	0.13	3.33	3.33	0.352	0.1	1.31	0.49 No	0.1	Element Fault
SDX312	549	'2831018_/_2831016'	0.1	3.33	3.33	0.352	0.1	1.29	0.49 No	0.1	Primary Over-Voltage
SDX312	550	'67488821_/_404625987'	0.1	3.33	3.33	0.352	0.1	1.28	0.49 No	0.1	Primary Over-Voltage
SDX312	551	'67488822_/_2833425'	0.1	3.33	3.33	0.352	0.1	1.26	0.49 No	0.1	Primary Over-Voltage
SDX312	552	'66698691_/_67488819'	0.1	3.33	3.33	0.352	0.1	1.25	0.49 No	0.1	Primary Over-Voltage
SDX313	0	'SDX313_/_484354363'	10	10	10	2.056	10	10	10 No	2.056	Thermal Discharging
SDX313	1	'500634546_/_484354363'	10	10	10	2.056	10	10	10 No	2.056	Thermal Discharging
SDX313	2	'602146703_/_602146637_2'	10	10	10	2.056	10	10	10 No	2.056	Thermal Discharging
SDX313	3	'513376552_/_602146637_1'	10	10	10	2.056	10	10	10 No	2.056	Thermal Discharging
SDX313	4	'513376596_/_513376602'	10	10	10	2.056	10	10	10 No	2.056	Thermal Discharging
SDX313	5	'43207868_/_513376558'	10	10	10	2.056	10	10	10 No	2.056	Thermal Discharging
SDX313	6	'513375966_/_43207870'	10	10	10	2.056	10	10	10 No	2.056	Thermal Discharging
SDX313	7	'513375922_/_513375970'	10	10	10	2.056	10	10	10 No	2.056	Thermal Discharging
SDX313	8	'513375878_/_513375926'	10	10	10	2.056	10	10	10 No	2.056	Thermal Discharging
SDX313	9	'513375834_/_513375882'	10	10	10	2.056	10	10	10 No	2.056	Thermal Discharging
SDX313	10	'513375790_/_513375838'	10	10	10	2.056	10	10	10 No	2.056	Thermal Discharging
SDX313	11	'2831706_/_513375794'	10	10	10	2.056	10	10	10 No	2.056	Thermal Discharging
SDX313	12	'558412455_/_2831704'	10	10	10	2.056	10	10	10 No	2.056	Thermal Discharging
SDX313	13	'611024124_/_558412459_1'	10	10	10	2.056	10	10	10 No	2.056	Thermal Discharging
SDX313	14	'558413204_/_558412459_2'	10	10	10	2.056	10	10	10 No	2.056	Thermal Discharging
SDX313	15	'611024104_/_611024059_1'	10	10	10	2.056	10	10	10 No	2.056	Thermal Discharging
SDX313	16	'611023995_/_611024059_2'	10	10	10	2.056	10	10	10 No	2.056	Thermal Discharging
SED061	0	'SED061_/_947397'	0.6	7.2	10	0.02	4.5	4.24	1.25 No	0.02	Thermal Discharging
SED061	1	'49222692_/_947397'	0.6	7.2	10	0.02	4.5	4.23	1.25 No	0.02	Thermal Discharging
SED061	2	'350483478_/_350483409_1'	0.2	2.4	3.33	0.01	0.5	1.41	0.42 No	0.01	Thermal Discharging
SED061	3	'350483078_/_350483409_2'	0.2	2.4	3.33	0.01	0.5	1.4	0.42 No	0.01	Thermal Discharging
SED061	4	'947413_/_350483378'	0.2	2.4	3.33	0.01	0.5	1.4	0.42 No	0.01	Thermal Discharging
SED061	5	'947510_/_947507_2'	0.2	2.4	3.33	0.01	0.5	1.39	0.42 No	0.01	Thermal Discharging
SED061	6	'947374_/_947507_1'	0.2	2.4	3.33	0.01	0.3	1.39	0.42 No	0.01	Thermal Discharging
SED061	7	'42927157_/_42927159'	0.2	2.4	3.33	0.01	0.5	1.39	0.42 No	0.01	Thermal Discharging
SED061	8	'947523_/_350483360_2'	0.2	2.4	3.33	0.01	0.5	1.39	0.42 No	0.01	Thermal Discharging
SED061	9	'49222326_/_350483360_1'	0.2	2.4	3.33	0.01	0.3	1.39	0.42 No	0.01	Thermal Discharging
SED061	10	'946804_/_947371'	0.2	2.4	3.33	0.01	0.3	1.38	0.42 No	0.01	Thermal Discharging
SED061	11	'946788_/_946801'	0.2	2.4	3.33	0.01	0.3	1.37	0.42 No	0.01	Thermal Discharging
SED061	12	'350483270_/_350483289'	0.2	2.4	3.33	0.01	0.3	1.38	0.42 No	0.01	Thermal Discharging
SED061	13	'350483271_/_350483268'	0.2	2.4	3.33	0.01	0.3	1.37	0.42 No	0.01	Thermal Discharging
SED061	14	'946775_/_946785'	0.2	2.4	3.33	0.01	0.3	1.36	0.42 No	0.01	Thermal Discharging
SED061	15	'351685990_/_350483252'	0.2	2.4	3.33	0.01	0.3	1.36	0.42 No	0.01	Thermal Discharging
SED061	16	'946762_/_946772'	0.2	2.4	3.33	0.01	0.3	1.35	0.42 No	0.01	Thermal Discharging
SED061	17	'946872_/_946869'	0.2	2.4	3.33	0.01	0.3	1.34	0.42 No	0.01	Thermal Discharging
SED061	18	'350482797_/_350482822'	0.2	2.4	3.33	0.01	0.3	1.35	0.42 No	0.01	Thermal Discharging
SED061	19	'42922071_/_946759'	0.2	2.4	3.33	0.01	0.3	1.34	0.42 No	0.01	Thermal Discharging
SED061	20	'946736_/_946746'	0.2	2.4	3.33	0.01	0.3	1.33	0.42 No	0.01	Thermal Discharging
SED061	21	'350482798_/_350482795'	0.2	2.4	3.33	0.01	0.3	1.33	0.42 No	0.01	Thermal Discharging
SED061	22	'351686048_/_947219'	0.2	2.4	3.33	0.01	0.3	1.32	0.42 No	0.01	Thermal Discharging
SED061	23	'350483170_/_351686052_1'	0.2	2.4	3.33	0.01	0.1	1.32	0.42 No	0.01	Thermal Discharging
SED061	24	'946723_/_946733'	0.17	2.4	3.33	0.01	0.3	1.32	0.42 No	0.01	Thermal Discharging
SED061	25	'946817_/_946814'	0.17	2.4	3.33	0.01	0.3	1.32	0.42 No	0.01	Thermal Discharging
SED061	26	'467557467_/_351686052_2'	0.2	2.4	3.33	0.01	0.1	1.31	0.42 No	0.01	Thermal Discharging
SED061	27	'946612_/_946720'	0.17	2.4	3.33	0.01	0.3	1.31	0.42 No	0.01	Thermal Discharging
SED061	28	'350482777_/_350482774'	0.2	2.4	3.33	0.01	0.3	1.31	0.42 No	0.01	Thermal Discharging
SED061	29	'946830_/_946827'	0.17	2.4	3.33	0.01	0.3	1.31	0.42 No	0.01	Thermal Discharging
SED061	30	'946600_/_946610'	0.17	2.4	3.33	0.01	0.3	1.3	0.42 No	0.01	Thermal Discharging
SED061	31	'946668_/_946843'	0.17	2.4	3.33	0.01	0.3	1.3	0.42 No	0.01	Thermal Discharging
SED061	32	'350482756_/_350482753'	0.2	2.07	3.33	0.01	0.3	1.3	0.42 No	0.01	Thermal Discharging
SED061	33	'467557507_/_467557471'	0.17	2.07	3.33	0.01	0.1	1.29	0.42 No	0.01	Thermal Discharging
SED061	34	'42927146_/_947494'	0.17	2.07	3.33	0.01	0.3	1.29	0.42 No	0.01	Thermal Discharging
SED061	35	'946859_/_946856'	0.17	2.07	3.33	0.01	0.3	1.29	0.42 No	0.01	Thermal Discharging
SED061	36	'946667_/_946665'	0.17	2.07	3.33	0.01	0.3	1.29	0.42 No	0.01	Thermal Discharging
SED061	37	'946626_/_946623'	0.17	2.07	3.33	0.01	0.3	1.29	0.42 No	0.01	Thermal Discharging
SED061	38	'946587_/_946597'	0.17	2.07	3.33	0.01	0.3	1.29	0.42 No	0.01	Thermal Discharging
SED061	39	'350482735_/_350482732'	0.17	2.07	3.33	0.01	0.3	1.29	0.42 No	0.01	Thermal Discharging
SED061	40	'610285060_/_610285057'	0.17	2.07	3.33	0.01	0.3	1.28	0.42 No	0.01	Thermal Discharging
SED061	41	'946975_/_467557509'	0.17	2.07	3.33	0.01	0.1	1.28	0.42 No	0.01	Thermal Discharging
SED061	42	'947484_/_947481'	0.17	2.07	3.33	0.01	0.3	1.28	0.42 No	0.01	Thermal Discharging
SED061	43	'946574_/_946584'	0.17	2.07	3.33	0.01	0.3	1.28	0.42 No	0.01	Thermal Discharging
SED061	44	'946639_/_946636'	0.17	2.07	3.33	0.01	0.3	1.27	0.42 No	0.01	Thermal Discharging
SED061	45	'351686455_/_351686474'	0.17	2.07	3.33	0.01	0.3	1.27	0.42 No	0.01	Thermal Discharging
SED061	46	'610285076_/_610285073'	0.17	2.07	3.33	0.01	0.3	1.27	0.42 No	0.01	Thermal Discharging
SED061	47	'946522_/_946571'	0.17	2.07	3.33	0.01	0.3	1.27	0.42 No	0.01	Thermal Discharging
SED061	48	'946976_/_946973'	0.17	2.07	3.33	0.01	0.1	1.26	0.42 No	0.01	Thermal Discharging
SED061	49	'467557413_/_947439'	0.17	2.07	3.33	0.01	0.1	1.26	0.42 No	0.01	Thermal Discharging
SED061	50	'351686434_/_351686453'	0.17	2.07	3.33	0.01	0.3	1.26	0.42 No	0.01	Thermal Discharging
SED061	51	'42922060_/_946652'	0.17	2.07	3.33	0.01	0.3	1.26	0.42 No	0.01	Thermal Discharging
SED061	52	'42922049_/_946519'	0.17	2.07	3.33	0.01	0.3	1.26	0.42 No	0.01	Thermal Discharging
SED061	53	'946535_/_946532'	0.17	2.07	3.33	0.01	0.3	1.26	0.42 No	0.01	Thermal Discharging
SED061	54	'351686413_/_351686432'	0.17	2.07	3.33	0.01	0.3	1.25	0.42 No	0.01	Thermal Discharging
SED061	55	'947442_/_467557415'	0.17	2.07	3.33	0.01	0.1	1.25	0.42 No	0.01	Thermal Discharging
SED061	56	'946548_/_946545'	0.17	2.07	3.33	0.01	0.3	1.25	0.42 No	0.01	Thermal Discharging
SED061	57	'946508_/_946506'	0.17	2.07	3.33	0.01	0.3	1.25	0.42 No	0.01	Thermal Discharging
SED061	58	'946681_/_946678'	0.17	2.07	3.33	0.01	0.3	1.25	0.42 No	0.01	Thermal Discharging
SED061	59	'946561_/_946558'	0.17	2.07	3.33	0.01	0.3	1.24	0.42 No	0.01	Thermal Discharging
SED061	60	'947468_/_947465'	0.17	2.07	3.33	0.01	0.1	1.24	0.42 No	0.01	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SED061	61	'351686414'/_/351686411'		0.17	2.07	3.33	0.01	0.3	1.24	0.42 No	0.01 Thermal Discharging
SED061	62	'947358'/_/947355'		0.17	2.07	3.33	0.01	0.3	1.24	0.42 No	0.01 Thermal Discharging
SED061	63	'324653050'/_/324653047'		0.17	2.07	3.33	0.01	0.1	1.23	0.42 No	0.01 Thermal Discharging
SED061	64	'946697'/_/946694'		0.13	2.07	3.33	0.01	0.3	1.24	0.42 No	0.01 Thermal Discharging
SED061	65	'639450174'/_/947452'		0.17	2.07	3.33	0.01	0.1	1.23	0.42 No	0.01 Thermal Discharging
SED061	66	'946710'/_/946707'		0.13	2.07	3.33	0.01	0.3	1.23	0.42 No	0.01 Thermal Discharging
SED061	67	'350671845'/_/351686400'		0.17	2.07	3.33	0.01	0.3	1.23	0.42 No	0.01 Thermal Discharging
SED061	68	'351686370'/_/351686389'		0.17	2.07	3.33	0.01	0.3	1.21	0.42 No	0.01 Thermal Discharging
SED061	69	'946923'/_/639450178'		0.13	2.07	3.33	0.01	0.1	1.2	0.42 No	0.01 Thermal Discharging
SED061	70	'351686349'/_/351686368'		0.17	2.07	3.33	0.01	0.3	1.2	0.42 No	0.01 Thermal Discharging
SED061	71	'396159405'/_/946921'		0.13	2.07	3.33	0.01	0.1	1.19	0.42 No	0.01 Thermal Discharging
SED061	72	'396159441'/_/396159407'		0.13	2.07	3.33	0.01	0.1	1.18	0.42 No	0.01 Thermal Discharging
SED061	73	'351686350'/_/351686347'		0.13	2.07	3.33	0.01	0.3	1.18	0.42 No	0.01 Thermal Discharging
SED061	74	'946924'/_/396159443'		0.13	2.07	3.33	0.01	0.1	1.17	0.42 No	0.01 Thermal Discharging
SED061	75	'350672001'/_/351686336'		0.13	2.07	3.33	0.01	0.3	1.17	0.42 No	0.01 Thermal Discharging
SED061	76	'946937'/_/946934'		0.13	2.07	3.33	0.01	0.1	1.16	0.42 No	0.01 Thermal Discharging
SED061	77	'350672037'/_/351686325'		0.13	2.07	3.33	0.01	0.3	1.16	0.42 No	0.01 Thermal Discharging
SED061	78	'42922082'/_/946947'		0.13	2.07	3.33	0.01	0.1	1.15	0.42 No	0.01 Thermal Discharging
SED061	79	'351686290'/_/351686304'		0.13	2.07	3.33	0.01	0.3	1.15	0.42 No	0.01 Thermal Discharging
SED061	80	'639450586'/_/946960'		0.13	2.07	3.33	0.01	0.1	1.14	0.42 No	0.01 Thermal Discharging
SED061	81	'351685857'/_/351686288'		0.13	2.07	3.33	0.01	0.3	1.14	0.42 No	0.01 Thermal Discharging
SED061	82	'639450550'/_/639450592'		0.13	2.07	3.33	0.01	0.1	1.13	0.42 No	0.01 Thermal Discharging
SED061	83	'351685858'/_/351685855'		0.13	2.07	3.33	0.01	0.3	1.13	0.42 No	0.01 Thermal Discharging
SED061	84	'639450514'/_/639450556'		0.13	2.07	3.33	0.01	0.1	1.12	0.42 No	0.01 Thermal Discharging
SED061	85	'351685837'/_/351685834'		0.13	2.07	3.33	0.01	0.3	1.12	0.42 No	0.01 Thermal Discharging
SED061	86	'639450478'/_/639450520'		0.13	2.07	3.33	0.01	0.1	1.11	0.42 No	0.01 Thermal Discharging
SED061	87	'351685816'/_/351685813'		0.13	2.07	3.33	0.01	0.3	1.11	0.42 No	0.01 Thermal Discharging
SED061	88	'639450442'/_/639450484'		0.1	2.07	3.33	0.01	0.1	1.09	0.42 No	0.01 Thermal Discharging
SED061	89	'351685795'/_/351685792'		0.13	2.07	3.33	0.01	0.3	1.1	0.42 No	0.01 Thermal Discharging
SED061	90	'639450406'/_/639450448'		0.1	2.07	3.33	0.01	0.1	1.09	0.42 No	0.01 Thermal Discharging
SED061	91	'351685774'/_/351685771'		0.13	2.07	3.33	0.01	0.3	1.09	0.42 No	0.01 Thermal Discharging
SED061	92	'639450355'/_/639450412'		0.1	2.07	3.33	0.01	0.1	1.08	0.42 No	0.01 Thermal Discharging
SED061	93	'351685753'/_/351685750'		0.13	2.07	3.33	0.01	0.3	1.08	0.42 No	0.01 Thermal Discharging
SED061	94	'946963'/_/639450361'		0.1	2.07	3.33	0.01	0.1	1.07	0.42 No	0.01 Thermal Discharging
SED061	95	'351685732'/_/351685729'		0.13	2.07	3.33	0.01	0.3	1.07	0.42 No	0.01 Thermal Discharging
SED061	96	'947082'/_/947271'		0.1	2.07	3.33	0.01	0.1	1.06	0.42 No	0.01 Thermal Discharging
SED061	97	'351685711'/_/351685708'		0.13	2.07	3.33	0.01	0.3	1.06	0.42 No	0.01 Thermal Discharging
SED061	98	'947083'/_/947080'		0.1	2.07	3.33	0.01	0.1	1.05	0.42 No	0.01 Thermal Discharging
SED061	99	'351685690'/_/351685687'		0.13	2.07	3.33	0.01	0.3	1.05	0.42 No	0.01 Thermal Discharging
SED061	100	'639450081'/_/639450078'		0.1	2.07	3.33	0.01	0.1	1.04	0.42 No	0.01 Thermal Discharging
SED061	101	'947096'/_/947093'		0.1	2.07	3.33	0.01	0.1	1.04	0.42 No	0.01 Thermal Discharging
SED061	102	'639450097'/_/639450094'		0.1	2.07	3.33	0.01	0.1	1.04	0.42 No	0.01 Thermal Discharging
SED061	103	'351685669'/_/351685666'		0.1	2.07	3.33	0.01	0.3	1.04	0.42 No	0.01 Thermal Discharging
SED061	104	'352755904'/_/351685655'		0.1	2.07	3.33	0.01	0.3	1.03	0.42 No	0.01 Thermal Discharging
SED061	105	'947044'/_/947041'		0.1	2.07	3.33	0.01	0.3	1.02	0.42 No	0.01 Thermal Discharging
SED061	106	'351685274'/_/351685293'		0.1	2.07	3.33	0.01	0.3	1.02	0.42 No	0.01 Thermal Discharging
SED061	107	'351685253'/_/351685272'		0.1	2.07	3.33	0.01	0.3	1.01	0.42 No	0.01 Thermal Discharging
SED061	108	'351685232'/_/351685251'		0.1	2.07	3.33	0.01	0.3	1	0.42 No	0.01 Thermal Discharging
SED061	109	'351685211'/_/351685230'		0.1	2.07	3.33	0.01	0.3	0.99	0.42 No	0.01 Thermal Discharging
SED061	110	'351685190'/_/351685209'		0.1	2.07	3.33	0.01	0.3	0.99	0.42 No	0.01 Thermal Discharging
SED061	111	'351685169'/_/351685188'		0.1	2.07	3.33	0.01	0.3	0.98	0.42 No	0.01 Thermal Discharging
SED061	112	'351685148'/_/351685167'		0.1	2.07	3.33	0.01	0.3	0.97	0.42 No	0.01 Thermal Discharging
SED061	113	'351685132'/_/351685146'		0.1	2.07	3.33	0.01	0.3	0.96	0.42 No	0.01 Thermal Discharging
SED061	114	'954180'/_/351685130'		0.1	2.07	3.33	0.01	0.3	0.95	0.42 No	0.01 Thermal Discharging
SED061	115	'954193'/_/954190_2'		0.1	2.07	3.33	0.01	0.3	0.95	0.42 No	0.01 Thermal Discharging
SED061	116	'352756481'/_/352756290'		0.1	1.73	3.33	0.01	0.3	0.94	0.42 No	0.01 Thermal Discharging
SED061	117	'352756460'/_/352756479'		0.1	1.73	3.33	0.01	0.3	0.93	0.42 No	0.01 Thermal Discharging
SED061	118	'352756439'/_/352756458'		0.1	1.73	3.33	0.01	0.3	0.93	0.42 No	0.01 Thermal Discharging
SED061	119	'352756418'/_/352756437'		0.1	1.73	3.33	0.01	0.3	0.92	0.42 No	0.01 Thermal Discharging
SED061	120	'352756397'/_/352756416'		0.1	1.73	3.33	0.01	0.3	0.91	0.42 No	0.01 Thermal Discharging
SED061	121	'954192'/_/954190_1'		0.1	1.73	3.33	0.01	0.1	0.9	0.42 No	0.01 Thermal Discharging
SED061	122	'352756376'/_/352756395'		0.1	1.73	3.33	0.01	0.3	0.9	0.42 No	0.01 Thermal Discharging
SED061	123	'954232'/_/352756374'		0.1	1.73	3.33	0.01	0.3	0.9	0.42 No	0.01 Thermal Discharging
SED061	124	'462003245'/_/954216'		0.1	1.73	3.33	0.01	0.1	0.89	0.42 No	0.01 Thermal Discharging
SED061	125	'352755325'/_/7195739_1'		0.1	1.73	3.33	0.01	0.1	0.89	0.42 No	0.01 Thermal Discharging
SED061	126	'44056038'/_/7195739_2'		0.1	1.73	3.33	0.01	0.1	0.89	0.42 No	0.01 Thermal Discharging
SED061	127	'954274'/_/954271'		0.1	1.73	3.33	0.01	0.1	0.89	0.42 No	0.01 Thermal Discharging
SED061	128	'462003281'/_/462003247'		0.1	1.73	3.33	0.01	0.1	0.89	0.42 No	0.01 Thermal Discharging
SED061	129	'352756330'/_/352756353'		0.1	1.73	3.33	0.01	0.3	0.89	0.42 No	0.01 Thermal Discharging
SED061	130	'42929664'/_/44056040'		0.1	1.73	3.33	0.01	0.1	0.88	0.42 No	0.01 Thermal Discharging
SED061	131	'947056'/_/462003283'		0.1	1.73	3.33	0.01	0.1	0.88	0.42 No	0.01 Thermal Discharging
SED061	132	'7195758'/_/7195755'		0.1	1.73	3.33	0.01	0.1	0.88	0.42 No	0.01 Thermal Discharging
SED061	133	'352756331'/_/352756328'		0.1	1.73	3.33	0.01	0.3	0.88	0.42 No	0.01 Thermal Discharging
SED061	134	'947070'/_/947067'		0.1	1.73	3.33	0.01	0.1	0.87	0.42 No	0.01 Thermal Discharging
SED061	135	'954257'/_/352756317'		0.1	1.73	3.33	0.01	0.3	0.87	0.42 No	0.01 Thermal Discharging
SED061	136	'954258'/_/7195768_1'		0.1	1.73	3.33	0.01	0.1	0.87	0.42 No	0.01 Thermal Discharging
SED061	137	'112842491'/_/947054'		0.07	1.73	3.33	0.01	0.1	0.86	0.42 No	0.01 Thermal Discharging
SED061	138	'407839325'/_/112842545_1'		0.07	1.73	3.33	0.01	0.1	0.86	0.42 No	0.01 Thermal Discharging
SED061	139	'112842455'/_/112842493'		0.07	1.73	3.33	0.01	0.1	0.86	0.42 No	0.01 Thermal Discharging
SED061	140	'42929642'/_/7195768_2'		0.07	1.73	3.33	0.01	0.1	0.86	0.42 No	0.01 Thermal Discharging
SED061	141	'947057'/_/112842457'		0.07	1.7	3.33	0.01	0.1	0.85	0.42 No	0.01 Thermal Discharging
SED061	142	'406988572'/_/4069888396'		0.07	1.7	3.33	0.01	0.1	0.85	0.42 No	0.01 Thermal Discharging
SED061	143	'4069888399'/_/4069888574'		0.07	1.7	3.33	0.01	0.1	0.84	0.42 No	0.01 Thermal Discharging
SED061	144	'406988415'/_/406988412'		0.07	1.67	3.33	0.01	0.1	0.83	0.42 No	0.01 Thermal Discharging
SED061	145	'112842534'/_/112842545_2'		0.07	1.67	3.33	0.01	0.1	0.83	0.42 No	0.01 Thermal Discharging
SED061	146	'42922170'/_/947245'		0.07	1.67	3.33	0.01	0.1	0.83	0.42 No	0.01 Thermal Discharging
SED061	147	'406988437'/_/406988434'		0.07	1.67	3.33	0.01	0.1	0.82	0.42 No	0.01 Thermal Discharging
SED061	148	'406988453'/_/406988450'		0.07	1.63	3.33	0.01	0.1	0.82	0.42 No	0.01 Thermal Discharging
SED061	149	'947109'/_/947106'		0.07	1.63	3.33	0.01	0.1	0.82	0.42 No	0.01 Thermal Discharging
SED061	150	'947125'/_/42922183'		0.07	1.63	3.33	0.01	0.1	0.81	0.42 No	0.01 Thermal Discharging
SED061	151	'406988469'/_/406988466'		0.07	1.63	3.33	0.01	0.1	0.81	0.42 No	0.01 Thermal Discharging
SED061	152	'406988485'/_/406988482'		0.07	1.6	3.33	0.01	0.1	0.8	0.42 No	0.01 Thermal Discharging
SED061	153	'425151289'/_/425151286'		0.07	1.6	3.33	0.01	0.1	0.8	0.42 No	0.01 Thermal Discharging
SED061	154	'947192'/_/954242'		0.07	1.6	3.33	0.01	0.1	0.8	0.42 No	0.01 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SED061	155	'425151305_/425151302'		0.07	1.6	3.33	0.01	0.1	0.79	0.42 No	0.01 Thermal Discharging
SED061	156	'113604921_/947190'		0.07	1.6	3.33	0.01	0.1	0.79	0.42 No	0.01 Thermal Discharging
SED061	157	'113604940_/113604923'		0.07	1.67	3.33	0.01	0.1	0.79	0.42 No	0.01 Thermal Discharging
SED061	158	'425151321_/425151318'		0.07	1.67	3.33	0.01	0.1	0.78	0.42 No	0.01 Thermal Discharging
SED061	159	'947209_/947206'		0.07	1.83	3.33	0.01	0.1	0.78	0.42 No	0.01 Thermal Discharging
SED061	160	'947193_/113604942'		0.07	1.83	3.33	0.01	0.1	0.79	0.42 No	0.01 Thermal Discharging
SED061	161	'425151337_/425151334'		0.07	1.63	3.33	0.01	0.1	0.77	0.42 No	0.01 Thermal Discharging
SED061	162	'113605006_/947297'		0.07	1.8	3.33	0.01	0.1	0.77	0.42 No	0.01 Thermal Discharging
SED061	163	'947287_/947284'		0.07	1.8	3.33	0.01	0.1	0.78	0.42 No	0.01 Thermal Discharging
SED061	164	'113605086_/947326'		0.07	1.8	3.33	0.01	0.1	0.77	0.42 No	0.01 Thermal Discharging
SED061	165	'947137_/113605008'		0.07	1.67	3.33	0.01	0.1	0.75	0.42 No	0.01 Thermal Discharging
SED061	166	'947313_/947310'		0.07	1.57	3.33	0.01	0.1	0.74	0.42 No	0.01 Thermal Discharging
SED061	167	'947138_/947135'		0.07	1.53	3.33	0.01	0.1	0.74	0.42 No	0.01 Thermal Discharging
SED061	168	'947151_/947148'		0.07	1.1	3.33	0.01	0.1	0.71	0.42 No	0.01 Thermal Discharging
SED061	169	'113605260_/947174'		0.07	1.1	3.33	0.01	0.1	0.71	0.42 No	0.01 Thermal Discharging
SED061	170	'947164_/947161'		0.07	1	3.33	0.01	0.1	0.7	0.42 No	0.01 Thermal Discharging
SED061	171	'113605224_/947342'		0.07	1	3.33	0.01	0.1	0.7	0.42 No	0.01 Thermal Discharging
SED061	172	'947345_/113605226'		0.07	0.97	3.33	0.01	0.1	0.7	0.42 No	0.01 Thermal Discharging
SED061	173	'947177_/113605262'		0.07	0.9	3.33	0.01	0.1	0.68	0.42 No	0.01 Thermal Discharging
SHP061	0	'SHP061_/8985157'		10	10	10	0.91	10	10	9.94 No	0.91 Thermal Discharging
SHP061	1	'8985120_/8985157'		10	10	10	0.91	10	10	4.97 No	0.91 Thermal Discharging
SHP061	2	'7407633_/8985117'		10	10	10	0.91	10	10	4.97 No	0.91 Thermal Discharging
SHP061	3	'7407632_/7407630'		10	10	10	0.91	10	10	4.97 No	0.91 Thermal Discharging
SHP061	4	'7720720_/7720718'		10	10	10	0.91	10	10	4.97 No	0.91 Thermal Discharging
SHP061	5	'8665635_/8665633'		10	10	10	0.91	10	10	4.97 No	0.91 Thermal Discharging
SHP061	6	'8665596_/9300948'		10	10	10	0.91	10	10	4.97 No	0.91 Thermal Discharging
SHP061	7	'8358207_/8665593'		10	10	10	0.91	10	10	4.97 No	0.91 Thermal Discharging
SHP061	8	'8358206_/8358204'		10	10	10	0.91	10	10	4.97 No	0.91 Thermal Discharging
SHP061	9	'433534078_/398263833'		10	10	10	0.91	10	10	4.97 No	0.91 Thermal Discharging
SHP061	10	'433534058_/398263796'		10	10	10	0.91	10	10	4.97 No	0.91 Thermal Discharging
SHP061	11	'433534041_/398263768'		10	10	10	0.91	10	10	4.97 No	0.91 Thermal Discharging
SHP061	12	'433534024_/398263644'		10	10	10	0.91	10	10	4.97 No	0.91 Thermal Discharging
SHP061	13	'433533990_/398263591'		10	10	10	0.91	10	10	4.97 No	0.91 Thermal Discharging
SHP061	14	'433533973_/398263533'		10	10	10	0.91	10	10	4.97 No	0.91 Thermal Discharging
SHP061	15	'433533980_/398263371_2'		10	10	10	0.91	10	10	4.97 No	0.91 Thermal Discharging
SHP061	16	'5596688_/398263371_1'		10	10	10	0.91	10	10	4.97 No	0.91 Thermal Discharging
SHP061	17	'5596687_/5596685'		10	10	10	0.91	10	10	4.97 No	0.91 Thermal Discharging
SHP061	18	'5599694_/5599691_2'		10	10	10	0.91	4.6	10	4.97 No	0.91 Thermal Discharging
SHP061	19	'5595678_/5597122'		10	10	10	0.91	10	10	4.97 No	0.91 Thermal Discharging
SHP061	20	'5595679_/5595689_1'		3.33	3.33	3.33	0.3	0.5	3.33	1.66 No	0.3 Thermal Discharging
SHP061	21	'5596288_/5596302'		10	10	10	0.91	10	10	4.97 No	0.91 Thermal Discharging
SHP061	22	'43744353_/5596285'		10	10	10	0.91	10	10	4.97 No	0.91 Thermal Discharging
SHP061	23	'5599677_/5599691_1'		10	10	10	0.91	1.5	10	4.97 No	0.91 Thermal Discharging
SHP061	24	'5595692_/5595689_2'		3.33	3.33	3.33	0.3	0.5	3.33	1.66 No	0.3 Thermal Discharging
SHP061	25	'5596254_/5596268'		10	10	10	0.91	10	10	4.97 No	0.91 Thermal Discharging
SHP061	26	'5596253_/5596251'		10	10	10	0.91	10	10	4.97 No	0.91 Thermal Discharging
SHP061	27	'6984993_/7099654'		10	10	10	0.91	10	10	4.97 No	0.91 Thermal Discharging
SHP061	28	'43745197_/43745199'		10	10	10	0.91	1.5	10	4.97 No	0.91 Thermal Discharging
SHP061	29	'6986207_/6986221'		10	10	10	0.91	10	10	4.97 No	0.91 Thermal Discharging
SHP061	30	'44031641_/44031643'		10	10	10	0.91	10	10	4.97 No	0.91 Thermal Discharging
SHP061	31	'6984994_/6985009_1'		6.67	6.67	6.67	0.61	0.9	6.67	3.32 No	0.61 Thermal Discharging
SHP061	32	'6986636_/6986650'		10	10	10	0.91	10	10	4.97 No	0.91 Thermal Discharging
SHP061	33	'6975812_/6986633'		10	10	10	0.91	10	10	4.97 No	0.91 Thermal Discharging
SHP061	34	'44031735_/6985009_2'		6.67	6.67	6.67	0.61	0.9	6.67	3.32 No	0.61 Thermal Discharging
SHP061	35	'6986240_/6986238'		10	10	10	0.91	10	10	4.97 No	0.91 Thermal Discharging
SHP061	36	'5599643_/5599657'		10	10	10	0.91	1.5	10	4.97 No	0.91 Thermal Discharging
SHP061	37	'5595705_/5595702'		3.33	3.33	3.33	0.3	0.5	3.33	1.66 No	0.3 Thermal Discharging
SHP061	38	'6975813_/6986701_1'		6.67	6.67	6.67	0.61	1	6.67	3.32 No	0.61 Thermal Discharging
SHP061	39	'6986858_/6986872'		10	10	10	0.91	10	10	4.97 No	0.91 Thermal Discharging
SHP061	40	'44032088_/6986855'		10	10	10	0.91	10	10	4.97 No	0.91 Thermal Discharging
SHP061	41	'6984854_/6986838'		10	10	10	0.91	10	10	4.97 No	0.91 Thermal Discharging
SHP061	42	'6986008_/6986022'		10	10	10	0.91	10	10	4.97 No	0.91 Thermal Discharging
SHP061	43	'6984824_/6984822_1'		3.33	3.33	3.33	0.3	0.4	3.33	1.66 No	0.3 Thermal Discharging
SHP061	44	'44032052_/6975828'		3.33	3.33	3.33	0.3	1	3.33	1.66 No	0.3 Thermal Discharging
SHP061	45	'6985991_/6986005'		10	10	10	0.91	10	10	4.97 No	0.91 Thermal Discharging
SHP061	46	'6985974_/6985988'		10	10	10	0.91	10	10	4.97 No	0.91 Thermal Discharging
SHP061	47	'6975831_/6984608_1'		3.33	3.33	3.33	0.3	0.5	3.33	1.66 No	0.3 Thermal Discharging
SHP061	48	'43745184_/5599640'		10	10	10	0.91	1.5	10	4.97 No	0.91 Thermal Discharging
SHP061	49	'6984812_/6984851'		3.33	3.33	3.33	0.3	1.4	3.33	1.66 No	0.3 Thermal Discharging
SHP061	50	'6984757_/6984754_2'		3.33	3.33	3.33	0.3	1.4	3.33	1.66 No	0.3 Thermal Discharging
SHP061	51	'6984087_/6985971'		10	10	10	0.91	10	10	4.97 No	0.91 Thermal Discharging
SHP061	52	'6985030_/6985027'		6.67	6.67	6.67	0.61	0.9	6.67	3.32 No	0.61 Thermal Discharging
SHP061	53	'6985940_/6985954'		10	10	10	0.91	10	10	4.97 No	0.91 Thermal Discharging
SHP061	54	'6986704_/6986701_2'		6.67	6.67	6.67	0.61	1	6.67	3.32 No	0.61 Thermal Discharging
SHP061	55	'617288155_/617288102_1'		10	10	10	0.91	1.4	10	4.97 No	0.91 Thermal Discharging
SHP061	56	'44031363_/44031365'		10	10	10	0.91	10	10	4.97 No	0.91 Thermal Discharging
SHP061	57	'6984100_/6985920_2'		10	10	10	0.91	10	10	4.97 No	0.91 Thermal Discharging
SHP061	58	'5595721_/5595718'		3.33	3.33	3.33	0.3	0.5	3.33	1.66 No	0.3 Thermal Discharging
SHP061	59	'6985906_/6985920_1'		10	10	10	0.91	10	10	4.97 No	0.91 Thermal Discharging
SHP061	60	'6984045_/6984084_2'		3.33	3.33	3.33	0.3	1	3.33	1.66 No	0.3 Thermal Discharging
SHP061	61	'44032208_/6984608_2'		3.33	3.33	3.33	0.3	0.5	3.33	1.66 No	0.3 Thermal Discharging
SHP061	62	'6985886_/6985903'		10	10	10	0.91	10	10	4.97 No	0.91 Thermal Discharging
SHP061	63	'43745171_/5599623'		10	10	10	0.91	1.5	10	4.97 No	0.91 Thermal Discharging
SHP061	64	'475759275_/475759221_2'		10	10	10	0.91	5.1	10	4.97 No	0.91 Thermal Discharging
SHP061	65	'6985778_/6985883'		10	10	10	0.91	10	10	4.97 No	0.91 Thermal Discharging
SHP061	66	'6984032_/6984084_1'		3.33	3.33	3.33	0.3	0.5	3.33	1.66 No	0.3 Thermal Discharging
SHP061	67	'44031665_/6984822_2'		3.33	3.33	3.33	0.3	0.4	3.33	1.66 No	0.3 Thermal Discharging
SHP061	68	'44031619_/6984754_1'		3.33	3.33	3.33	0.3	0.5	3.33	1.66 No	0.3 Thermal Discharging
SHP061	69	'44031190_/44031192'		10	10	10	0.91	10	10	4.97 No	0.91 Thermal Discharging
SHP061	70	'6985744_/6985758'		10	10	10	0.91	10	10	4.97 No	0.91 Thermal Discharging
SHP061	71	'44031286_/44031288'		3.33	3.33	3.33	0.3	1	3.33	1.66 No	0.3 Thermal Discharging
SHP061	72	'617288086_/617288102_2'		10	10	10	0.91	1.4	10	4.97 No	0.91 Thermal Discharging
SHP061	73	'44032063_/6986716'		6.67	6.67	6.67	0.61	1	6.67	3.32 No	0.61 Thermal Discharging
SHP061	74	'6985743_/6985741'		10	10	10	0.91	10	10	4.97 No	0.91 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Over- Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SHP061	75	'6983951_/_6983948_2'	3.33		3.33	3.33	0.3	1	3.33	1.66 No	0.3 Thermal Discharging
SHP061	76	'5595733_/_5595783'	3.33		3.33	3.33	0.3	0.5	3.33	1.66 No	0.3 Thermal Discharging
SHP061	77	'44031177_/_44031179'	10		10	10	0.91	10	10	4.97 No	0.91 Thermal Discharging
SHP061	78	'6986495_/_6986509'	10		10	10	0.91	10	10	4.97 No	0.91 Thermal Discharging
SHP061	79	'6984624_/_6984621'	3.33		3.33	3.33	0.3	0.5	3.33	1.66 No	0.3 Thermal Discharging
SHP061	80	'6983938_/_6983948_1'	3.33		3.33	3.33	0.3	0.5	3.33	1.66 No	0.3 Thermal Discharging
SHP061	81	'44032026_/_44032028'	10		10	10	0.91	10	10	4.97 No	0.91 Thermal Discharging
SHP061	82	'5611001_/_5610998'	3.33		3.33	3.33	0.3	0.5	3.33	1.66 No	0.3 Thermal Discharging
SHP061	83	'44032013_/_44032015'	10		10	10	0.91	10	10	4.97 No	0.91 Thermal Discharging
SHP061	84	'43745157_/_43745159'	10		10	10	0.91	1.5	10	4.97 No	0.91 Thermal Discharging
SHP061	85	'6986563_/_44032041_2'	10		10	10	0.91	10	10	4.97 No	0.91 Thermal Discharging
SHP061	86	'6984731_/_6984741'	3.33		3.33	3.33	0.3	0.5	3.33	1.66 No	0.3 Thermal Discharging
SHP061	87	'44032039_/_44032041_1'	10		10	10	0.91	10	10	4.97 No	0.91 Thermal Discharging
SHP061	88	'44031330_/_44031332'	3.33		3.33	3.33	0.3	0.5	3.33	1.66 No	0.3 Thermal Discharging
SHP061	89	'6985727_/_6986543'	10		10	10	0.91	10	10	4.97 No	0.91 Thermal Discharging
SHP061	90	'6985045_/_6985042'	6.67		6.67	6.67	0.61	0.9	6.67	3.32 No	0.61 Thermal Discharging
SHP061	91	'6985704_/_6985724'	10		10	10	0.91	10	10	4.97 No	0.91 Thermal Discharging
SHP061	92	'6984636_/_6984673'	3.33		3.33	3.33	0.3	0.5	3.33	1.66 No	0.3 Thermal Discharging
SHP061	93	'6984663_/_6984660'	3.33		3.33	3.33	0.3	0.5	3.33	1.66 No	0.3 Thermal Discharging
SHP061	94	'5611017_/_5611014'	3.33		3.33	3.33	0.3	0.5	3.33	1.66 No	0.3 Thermal Discharging
SHP061	95	'6983128_/_6985701'	10		10	10	0.91	10	10	4.97 No	0.91 Thermal Discharging
SHP061	96	'43745144_/_43745146'	10		10	10	0.91	1.5	10	4.97 No	0.91 Thermal Discharging
SHP061	97	'6984892_/_44032065'	6.67		6.67	6.67	0.61	1	6.67	3.32 No	0.61 Thermal Discharging
SHP061	98	'6984840_/_44031667'	3.33		3.33	3.33	0.3	0.4	3.33	1.66 No	0.3 Thermal Discharging
SHP061	99	'6985683_/_6985681'	10		10	10	0.91	8	10	4.97 No	0.91 Thermal Discharging
SHP061	100	'44031608_/_6984728'	3.33		3.33	3.33	0.3	0.5	3.33	1.66 No	0.3 Thermal Discharging
SHP061	101	'6983127_/_6983125'	10		10	10	0.91	5.5	10	4.97 No	0.91 Thermal Discharging
SHP061	102	'5595734_/_5595731'	3.33		3.33	3.33	0.3	0.5	3.33	1.66 No	0.3 Thermal Discharging
SHP061	103	'6988737_/_6988735_2'	10		10	10	0.91	5.6	10	4.97 No	0.91 Thermal Discharging
SHP061	104	'6984637_/_6984634'	3.33		3.33	3.33	0.3	0.5	3.33	1.66 No	0.3 Thermal Discharging
SHP061	105	'44032300_/_44032302'	10		10	10	0.91	8	10	4.97 No	0.91 Thermal Discharging
SHP061	106	'44031017_/_6988735_1'	10		10	10	0.91	1.5	10	4.97 No	0.91 Thermal Discharging
SHP061	107	'44031275_/_6983935'	3.33		3.33	3.33	0.3	0.5	3.33	1.66 No	0.3 Thermal Discharging
SHP061	108	'6988162_/_6988176'	10		10	10	0.91	5.5	10	4.97 No	0.91 Thermal Discharging
SHP061	109	'44032287_/_6989064'	10		10	10	0.91	8	10	4.97 No	0.91 Thermal Discharging
SHP061	110	'6985063_/_6985060'	6.67		6.67	6.67	0.61	0.9	6.67	3.32 No	0.61 Thermal Discharging
SHP061	111	'6988161_/_69399236_2'	10		10	10	0.91	5.5	10	4.97 No	0.91 Thermal Discharging
SHP061	112	'6984650_/_6984647'	3.33		3.33	3.33	0.3	0.5	3.33	1.66 No	0.3 Thermal Discharging
SHP061	113	'44031630_/_6984793'	3.33		3.33	3.33	0.3	0.5	3.33	1.66 No	0.3 Thermal Discharging
SHP061	114	'6988755_/_6988769'	10		10	10	0.91	1.5	10	4.97 No	0.91 Thermal Discharging
SHP061	115	'6985667_/_6989047'	10		10	10	0.91	8	10	4.97 No	0.91 Thermal Discharging
SHP061	116	'6984006_/_6984016'	3.33		3.33	3.33	0.3	0.5	3.33	1.66 No	0.3 Thermal Discharging
SHP061	117	'6984718_/_6984780'	3.33		3.33	3.33	0.3	0.5	3.33	1.66 No	0.3 Thermal Discharging
SHP061	118	'43745131_/_43745133'	10		10	10	0.91	1.5	10	4.97 No	0.91 Thermal Discharging
SHP061	119	'6984893_/_6984890'	6.67		6.67	6.67	0.61	1	6.67	3.32 No	0.61 Thermal Discharging
SHP061	120	'44031004_/_44031006'	10		10	10	0.91	8	10	4.97 No	0.91 Thermal Discharging
SHP061	121	'475759206_/_475759221_1'	10		10	10	0.91	1.4	10	4.97 No	0.91 Thermal Discharging
SHP061	122	'44031575_/_6984686'	3.33		3.33	3.33	0.3	0.5	3.33	1.66 No	0.3 Thermal Discharging
SHP061	123	'6986322_/_6988752'	10		10	10	0.91	1.5	10	4.97 No	0.91 Thermal Discharging
SHP061	124	'6985650_/_6985664'	10		10	10	0.91	8	10	4.97 No	0.91 Thermal Discharging
SHP061	125	'5595747_/_5595744'	3.33		3.33	3.33	0.3	0.5	3.33	1.66 No	0.3 Thermal Discharging
SHP061	126	'44031597_/_6984715'	3.33		3.33	3.33	0.3	0.5	3.33	1.66 No	0.3 Thermal Discharging
SHP061	127	'561587007_/_44031980_2'	3.33		3.33	3.33	0.3	0.5	3.33	1.66 No	0.3 Thermal Discharging
SHP061	128	'44030991_/_6985647'	10		10	10	0.91	8	10	4.97 No	0.91 Thermal Discharging
SHP061	129	'6975656_/_6986332'	10		10	10	0.91	1.5	10	4.97 No	0.91 Thermal Discharging
SHP061	130	'44031654_/_6984838'	3.33		3.33	3.33	0.3	0.4	3.33	1.66 No	0.3 Thermal Discharging
SHP061	131	'43745118_/_43745120'	10		10	10	0.91	1.5	10	4.97 No	0.91 Thermal Discharging
SHP061	132	'6983912_/_6983922'	3.33		3.33	3.33	0.3	0.5	3.33	1.66 No	0.3 Thermal Discharging
SHP061	133	'6987615_/_6987626'	3.33		3.33	3.33	0.3	0.5	3.33	1.66 No	0.3 Thermal Discharging
SHP061	134	'6984908_/_6984905'	6.67		6.67	6.67	0.61	1	6.67	3.32 No	0.61 Thermal Discharging
SHP061	135	'6985632_/_6985630'	10		10	10	0.91	8	10	4.97 No	0.91 Thermal Discharging
SHP061	136	'44031564_/_6989211'	3.33		3.33	3.33	0.3	0.5	3.33	1.66 No	0.3 Thermal Discharging
SHP061	137	'5603475_/_5603472'	3.33		3.33	3.33	0.3	0.5	3.33	1.66 No	0.3 Thermal Discharging
SHP061	138	'6983993_/_6984003'	3.33		3.33	3.33	0.3	0.5	3.33	1.66 No	0.3 Thermal Discharging
SHP061	139	'6975636_/_6975653'	10		10	10	0.91	1.5	10	4.97 No	0.91 Thermal Discharging
SHP061	140	'6984705_/_6984767'	3.33		3.33	3.33	0.3	0.5	3.33	1.66 No	0.3 Thermal Discharging
SHP061	141	'5598707_/_5598705'	10		10	10	0.91	1.5	10	4.97 No	0.91 Thermal Discharging
SHP061	142	'6986972_/_6986986'	10		10	10	0.91	8	10	4.97 No	0.91 Thermal Discharging
SHP061	143	'5598674_/_5598671_2'	3.33		3.33	3.33	0.3	0.5	3.33	1.66 No	0.3 Thermal Discharging
SHP061	144	'444053470_/_444053326'	10		10	10	0.91	1.5	10	4.97 No	0.91 Thermal Discharging
SHP061	145	'6985616_/_6986969_2'	10		10	10	0.91	8	10	4.97 No	0.91 Thermal Discharging
SHP061	146	'44030978_/_6986969_1'	10		10	10	0.91	8	10	4.97 No	0.91 Thermal Discharging
SHP061	147	'44031978_/_44031980_1'	3.33		3.33	3.33	0.3	0.3	3.33	1.66 No	0.3 Thermal Discharging
SHP061	148	'6985599_/_6985613'	10		10	10	0.91	8	10	4.97 No	0.91 Thermal Discharging
SHP061	149	'6984689_/_44031577'	3.33		3.33	3.33	0.3	0.5	3.33	1.66 No	0.3 Thermal Discharging
SHP061	150	'456158926_/_444053341_1'	10		10	10	0.91	0.9	10	4.97 No	0.9 Element Fault
SHP061	151	'6984923_/_6984920'	6.67		6.67	6.67	0.61	1	6.67	3.32 No	0.61 Thermal Discharging
SHP061	152	'5597619_/_5598687'	6.67		6.67	6.67	0.61	1	6.67	3.32 No	0.61 Thermal Discharging
SHP061	153	'6985582_/_6985596_2'	10		10	10	0.91	8	10	4.97 No	0.91 Thermal Discharging
SHP061	154	'44030965_/_6985596_1'	10		10	10	0.91	8	10	4.97 No	0.91 Thermal Discharging
SHP061	155	'6975635_/_6975633'	10		10	10	0.91	1.5	10	4.97 No	0.91 Thermal Discharging
SHP061	156	'134954356_/_6983385_1'	6.67		6.67	6.67	0.61	0.6	6.67	3.32 No	0.6 Element Fault
SHP061	157	'6985564_/_6985579'	10		10	10	0.91	8	10	4.97 No	0.91 Thermal Discharging
SHP061	158	'44031586_/_44031588'	3.33		3.33	3.33	0.3	0.5	3.33	1.66 No	0.3 Thermal Discharging
SHP061	159	'44031352_/_6987613'	3.33		3.33	3.33	0.3	0.5	3.33	1.66 No	0.3 Thermal Discharging
SHP061	160	'117498446_/_6987694_1'	3.33		3.33	3.33	0.3	0.3	3.33	1.66 No	0.3 Thermal Discharging
SHP061	161	'6989274_/_6989288'	10		10	10	0.91	8	10	4.97 No	0.91 Thermal Discharging
SHP061	162	'44035338_/_6989271'	10		10	10	0.91	8	10	4.97 No	0.91 Thermal Discharging
SHP061	163	'5596087_/_5598671_1'	3.33		3.33	3.33	0.3	0.3	3.33	1.66 No	0.3 Thermal Discharging
SHP061	164	'44031264_/_6983909'	3.33		3.33	3.33	0.3	0.5	3.33	1.66 No	0.3 Thermal Discharging
SHP061	165	'6995184_/_7117849'	10		10	10	0.91	8	10	4.97 No	0.91 Thermal Discharging
SHP061	166	'6983387_/_6983385_2'	6.67		6.67	6.67	0.61	0.6	6.67	3.32 No	0.6 Element Fault
SHP061	167	'6995167_/_6995181'	10		10	10	0.91	8	10	4.97 No	0.91 Thermal Discharging
SHP061	168	'44031319_/_6983990'	3.33		3.33	3.33	0.3	0.5	3.33	1.66 No	0.3 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SHP061	169	'6995150_/_6995164'		10	10	10	0.91	8	10	4.97 No	0.91 Thermal Discharging
SHP061	170	'44031553_/_44031566'		3.33	3.33	3.33	0.3	0.5	3.33	1.66 No	0.3 Thermal Discharging
SHP061	171	'6984841_/_44031656'		3.33	3.33	3.33	0.3	0.4	3.33	1.66 No	0.3 Thermal Discharging
SHP061	172	'44034433_/_6995147'		10	10	10	0.91	8	10	4.97 No	0.91 Thermal Discharging
SHP061	173	'6984058_/_6984071'		3.33	3.33	3.33	0.3	0.5	3.33	1.66 No	0.3 Thermal Discharging
SHP061	174	'6995113_/_6995127'		10	10	10	0.91	8	10	4.97 No	0.91 Thermal Discharging
SHP061	175	'6995096_/_6995110'		10	10	10	0.91	8	10	4.97 No	0.91 Thermal Discharging
SHP061	176	'6995079_/_6995093'		10	10	10	0.91	8	10	4.97 No	0.91 Thermal Discharging
SHP061	177	'6987697_/_6987694_2'		3.33	3.33	3.33	0.3	0.3	3.33	1.66 No	0.3 Thermal Discharging
SHP061	178	'44034420_/_44034422'		10	10	10	0.91	8	10	4.97 No	0.91 Thermal Discharging
SHP061	179	'6983210_/_6986306'		3.33	3.33	3.33	0.3	0.3	3.33	1.66 No	0.3 Thermal Discharging
SHP061	180	'6987616_/_44031354'		3.33	3.33	3.33	0.3	0.5	3.33	1.66 No	0.3 Thermal Discharging
SHP061	181	'5597601_/_5597616'		6.67	6.67	6.67	0.61	1	6.67	3.32 No	0.61 Thermal Discharging
SHP061	182	'44031676_/_6984935'		6.67	6.67	6.67	0.61	1	6.67	3.32 No	0.61 Thermal Discharging
SHP061	183	'44031110_/_44031112'		6.67	6.67	6.67	0.61	0.6	6.67	3.32 No	0.6 Element Fault
SHP061	184	'6995042_/_6995056'		10	10	10	0.91	8	10	4.97 No	0.91 Thermal Discharging
SHP061	185	'43744342_/_5596085'		3.33	3.33	3.33	0.3	0.3	3.33	1.66 No	0.3 Thermal Discharging
SHP061	186	'6995025_/_6995039'		10	10	10	0.91	8	10	4.97 No	0.91 Thermal Discharging
SHP061	187	'44034374_/_6995022'		10	10	10	0.91	8	10	4.97 No	0.91 Thermal Discharging
SHP061	188	'6983373_/_6986378'		6.67	6.67	6.67	0.61	0.6	6.67	3.32 No	0.6 Element Fault
SHP061	189	'6994985_/_6995002'		10	10	10	0.91	8	10	4.97 No	0.91 Thermal Discharging
SHP061	190	'456158948_/_444053341_2'		10	10	10	0.91	0.9	10	4.97 No	0.9 Element Fault
SHP061	191	'6983886_/_6983896'		3.33	3.33	3.33	0.3	0.5	3.33	1.66 No	0.3 Thermal Discharging
SHP061	192	'6994961_/_6994982'		10	10	10	0.91	8	10	4.97 No	0.91 Thermal Discharging
SHP061	193	'6983964_/_6983977'		3.33	3.33	3.33	0.3	0.5	3.33	1.66 No	0.3 Thermal Discharging
SHP061	194	'44031341_/_44031343'		3.33	3.33	3.33	0.3	0.5	3.33	1.66 No	0.3 Thermal Discharging
SHP061	195	'6994942_/_6994959'		10	10	10	0.91	8	10	4.97 No	0.91 Thermal Discharging
SHP061	196	'6989201_/_44031555'		3.33	3.33	3.33	0.3	0.5	3.33	1.66 No	0.3 Thermal Discharging
SHP061	197	'6995318_/_6995332'		10	10	10	0.91	8	10	4.97 No	0.91 Thermal Discharging
SHP061	198	'6994941_/_6994939'		10	10	10	0.91	8	10	4.97 No	0.91 Thermal Discharging
SHP061	199	'6995301_/_6995315'		10	10	10	0.91	8	10	4.97 No	0.91 Thermal Discharging
SHP061	200	'6998078_/_6998088_1'		3.33	3.33	3.33	0.3	0.5	3.33	1.66 No	0.3 Thermal Discharging
SHP061	201	'7000560_/_7000577_2'		10	10	10	0.91	8	10	4.97 No	0.91 Thermal Discharging
SHP061	202	'44035288_/_7000577_1'		10	10	10	0.91	8	10	4.97 No	0.91 Thermal Discharging
SHP061	203	'6995284_/_6995298'		10	10	10	0.91	8	10	4.97 No	0.91 Thermal Discharging
SHP061	204	'429524259_/_6995352_1'		10	10	10	0.91	1.4	10	4.97 No	0.91 Thermal Discharging
SHP061	205	'6975718_/_44031678'		6.67	6.67	6.67	0.61	1	6.67	3.32 No	0.61 Thermal Discharging
SHP061	206	'5595760_/_5595757'		3.33	3.33	3.33	0.3	0.3	3.33	1.66 No	0.3 Thermal Discharging
SHP061	207	'44034348_/_6995352_2'		10	10	10	0.91	1.4	10	4.97 No	0.91 Thermal Discharging
SHP061	208	'6995283_/_6995281'		10	10	10	0.91	8	10	4.97 No	0.91 Thermal Discharging
SHP061	209	'7000431_/_7000557'		10	10	10	0.91	8	10	4.97 No	0.91 Thermal Discharging
SHP061	210	'43744676_/_5600083'		3.33	3.33	3.33	0.3	0.5	3.33	1.66 No	0.3 Thermal Discharging
SHP061	211	'6976913_/_44034350'		10	10	10	0.91	1.4	10	4.97 No	0.91 Thermal Discharging
SHP061	212	'7000915_/_7001001'		10	10	10	0.91	8	10	4.97 No	0.91 Thermal Discharging
SHP061	213	'7000432_/_7000446_1'		10	10	10	0.91	1.7	10	4.97 No	0.91 Thermal Discharging
SHP061	214	'7000916_/_7000913'		10	10	10	0.91	8	10	4.97 No	0.91 Thermal Discharging
SHP061	215	'111819009_/_111816320_1'		10	10	10	0.91	8	10	4.97 No	0.91 Thermal Discharging
SHP061	216	'7000542_/_7000540'		10	10	10	0.91	8	10	4.97 No	0.91 Thermal Discharging
SHP061	217	'7000896_/_7001041'		10	10	10	0.91	8	10	4.97 No	0.91 Thermal Discharging
SHP061	218	'6976914_/_6976911'		10	10	10	0.91	1.4	10	4.97 No	0.91 Thermal Discharging
SHP061	219	'111818376_/_111816320_2'		10	10	10	0.91	8	10	4.97 No	0.91 Thermal Discharging
SHP061	220	'44031052_/_6983207'		3.33	3.33	3.33	0.3	0.3	3.33	1.66 No	0.3 Thermal Discharging
SHP061	221	'44034361_/_6995386'		10	10	10	0.91	1.4	10	4.97 No	0.91 Thermal Discharging
SHP061	222	'7000449_/_7000446_2'		10	10	10	0.91	1.7	10	4.97 No	0.91 Thermal Discharging
SHP061	223	'7000895_/_7000893'		10	10	10	0.91	8	10	4.97 No	0.91 Thermal Discharging
SHP061	224	'7000654_/_7000668'		10	10	10	0.91	8	10	4.97 No	0.91 Thermal Discharging
SHP061	225	'44031098_/_44031100'		6.67	6.67	6.67	0.61	0.6	6.67	3.32 No	0.6 Element Fault
SHP061	226	'6998091_/_6998088_2'		3.33	3.33	3.33	0.3	0.5	3.33	1.66 No	0.3 Thermal Discharging
SHP061	227	'5597600_/_5597598'		6.67	6.67	6.67	0.61	1	6.67	3.32 No	0.61 Thermal Discharging
SHP061	228	'44031308_/_6987707'		3.33	3.33	3.33	0.3	0.3	3.33	1.66 No	0.3 Thermal Discharging
SHP061	229	'6976931_/_44034363'		10	10	10	0.91	1.4	10	4.97 No	0.91 Thermal Discharging
SHP061	230	'6976850_/_7001058'		10	10	10	0.91	8	10	4.97 No	0.91 Thermal Discharging
SHP061	231	'6984057_/_6984055'		3.33	3.33	3.33	0.3	0.5	3.33	1.66 No	0.3 Thermal Discharging
SHP061	232	'702661829_/_443186805_2'		10	10	10	0.91	8	10	4.97 No	0.91 Thermal Discharging
SHP061	233	'6989188_/_6989198'		3.33	3.33	3.33	0.3	0.5	3.33	1.66 No	0.3 Thermal Discharging
SHP061	234	'91788651_/_91788649'		10	10	10	0.91	8	10	4.97 No	0.91 Thermal Discharging
SHP061	235	'5607685_/_5607722'		3.33	3.33	3.33	0.3	0.3	3.33	1.66 No	0.3 Thermal Discharging
SHP061	236	'7000597_/_7000651'		10	10	10	0.91	8	10	4.97 No	0.91 Thermal Discharging
SHP061	237	'6976951_/_6976948'		10	10	10	0.91	1.4	10	4.97 No	0.91 Thermal Discharging
SHP061	238	'6983963_/_6983961'		3.33	3.33	3.33	0.3	0.5	3.33	1.66 No	0.3 Thermal Discharging
SHP061	239	'7000596_/_7000611_2'		10	10	10	0.91	3.2	10	4.97 No	0.91 Thermal Discharging
SHP061	240	'6984968_/_6984965'		3.33	3.33	3.33	0.3	0.5	3.33	1.66 No	0.3 Thermal Discharging
SHP061	241	'6983870_/_6983883'		3.33	3.33	3.33	0.3	0.5	3.33	1.66 No	0.3 Thermal Discharging
SHP061	242	'91788880_/_9345330_2'		10	10	10	0.91	5.2	10	4.97 No	0.91 Thermal Discharging
SHP061	243	'44034602_/_6995403'		10	10	10	0.91	1.4	10	4.97 No	0.91 Thermal Discharging
SHP061	244	'6997395_/_7117926'		10	10	10	0.91	8	10	4.97 No	0.91 Thermal Discharging
SHP061	245	'7000688_/_7000702_1'		10	10	10	0.91	1.5	10	4.97 No	0.91 Thermal Discharging
SHP061	246	'471180635_/_6997375_2'		10	10	10	0.91	8	10	4.97 No	0.91 Thermal Discharging
SHP061	247	'6995423_/_6995420'		10	10	10	0.91	1.4	10	4.97 No	0.91 Thermal Discharging
SHP061	248	'6995440_/_6995437'		10	10	10	0.91	1.4	10	4.97 No	0.91 Thermal Discharging
SHP061	249	'44035275_/_7000628'		10	10	10	0.91	1.7	10	4.97 No	0.91 Thermal Discharging
SHP061	250	'465948137_/_7000702_2'		10	10	10	0.91	1.5	10	4.97 No	0.91 Thermal Discharging
SHP061	251	'120039889_/_6975730'		6.67	6.67	6.67	0.61	1	6.67	3.32 No	0.61 Thermal Discharging
SHP061	252	'7781274_/_9345330_1'		10	10	10	0.91	3.2	10	4.97 No	0.91 Thermal Discharging
SHP061	253	'44034615_/_6995454'		10	10	10	0.91	1.4	10	4.97 No	0.91 Thermal Discharging
SHP061	254	'5600086_/_43744678'		3.33	3.33	3.33	0.3	0.5	3.33	1.66 No	0.3 Thermal Discharging
SHP061	255	'5595817_/_5600217'		6.67	6.67	6.67	0.61	1	6.67	3.32 No	0.61 Thermal Discharging
SHP061	256	'6976470_/_6995471'		10	10	10	0.91	1.4	10	4.97 No	0.91 Thermal Discharging
SHP061	257	'6989187_/_6989185'		3.33	3.33	3.33	0.3	0.5	3.33	1.66 No	0.3 Thermal Discharging
SHP061	258	'5595451_/_5595814'		6.67	6.67	6.67	0.61	1	6.67	3.32 No	0.61 Thermal Discharging
SHP061	259	'6983343_/_6983355'		6.67	6.67	6.67	0.61	0.6	6.67	3.32 No	0.6 Element Fault
SHP061	260	'44034628_/_6976468'		10	10	10	0.91	1.4	10	4.97 No	0.91 Thermal Discharging
SHP061	261	'120040004_/_120040020'		6.67	6.67	6.67	0.61	1	6.67	3.32 No	0.61 Thermal Discharging
SHP061	262	'43746728_/_5607683'		3.33	3.33	3.33	0.3	0.3	3.33	1.66 No	0.3 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over- Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SHP061	263	'44035314_/7000611_1'		10	10	10	0.91	1.5	10	4.97 No	0.91 Thermal Discharging
SHP061	264	'6995491_/6995488'		10	10	10	0.91	1.4	10	4.97 No	0.91 Thermal Discharging
SHP061	265	'5595436_/5595448'	6.67	6.67	6.67	0.61	1	6.67	3.32 No	0.61 Thermal Discharging	
SHP061	266	'7000466_/7000463'		10	10	10	0.91	1.7	10	4.97 No	0.91 Thermal Discharging
SHP061	267	'6995508_/6995505'		10	10	10	0.91	1.4	10	4.97 No	0.91 Thermal Discharging
SHP061	268	'5595435_/5601477_2'	6.67	6.67	6.67	0.61	1	6.67	3.32 No	0.61 Thermal Discharging	
SHP061	269	'6977072_/465948143'		10	10	10	0.91	1.5	10	4.97 No	0.91 Thermal Discharging
SHP061	270	'7000631_/44035277'		10	10	10	0.91	1.7	10	4.97 No	0.91 Thermal Discharging
SHP061	271	'43744282_/5595796'	6.67	6.67	6.67	0.61	1	6.67	3.32 No	0.61 Thermal Discharging	
SHP061	272	'44031253_/6983867'	3.33	3.33	3.33	0.3	0.5	3.33	1.66 No	0.3 Thermal Discharging	
SHP061	273	'6998104_/6998101'	3.33	3.33	3.33	0.3	0.5	3.33	1.66 No	0.3 Thermal Discharging	
SHP061	274	'6983184_/6983194'	3.33	3.33	3.33	0.3	0.3	3.33	1.66 No	0.3 Thermal Discharging	
SHP061	275	'6984981_/6984978_1'	3.33	3.33	3.33	0.3	0.3	3.33	1.66 No	0.3 Thermal Discharging	
SHP061	276	'44031297_/6975673'	3.33	3.33	3.33	0.3	0.3	3.33	1.66 No	0.3 Thermal Discharging	
SHP061	277	'435999292_/5595476_1'	6.67	6.67	6.67	0.61	0.6	6.67	3.32 No	0.6 Element Fault	
SHP061	278	'43744270_/5601477_1'	6.67	6.67	6.67	0.61	0.6	6.67	3.32 No	0.6 Element Fault	
SHP061	279	'44031700_/6984978_2'	3.33	3.33	3.33	0.3	0.3	3.33	1.66 No	0.3 Thermal Discharging	
SHP061	280	'34632602_/5603555_2'	6.67	6.67	6.67	0.61	1	6.67	3.32 No	0.61 Thermal Discharging	
SHP061	281	'44034942_/6977070'		10	10	10	0.91	1.5	10	4.97 No	0.91 Thermal Discharging
SHP061	282	'44031086_/44031088'	6.67	6.67	6.67	0.61	0.6	6.67	3.32 No	0.6 Element Fault	
SHP061	283	'43744294_/5603555_1'	6.67	6.67	6.67	0.61	1	6.67	3.32 No	0.61 Thermal Discharging	
SHP061	284	'40663850_/6977053_1'		10	10	10	0.91	1.5	10	4.97 No	0.91 Thermal Discharging
SHP061	285	'7781273_/7781271'		10	10	10	0.91	3.2	10	4.97 No	0.91 Thermal Discharging
SHP061	286	'7000486_/7000483'		10	10	10	0.91	1.7	10	4.97 No	0.91 Thermal Discharging
SHP061	287	'5607699_/43746730'	3.33	3.33	3.33	0.3	0.3	3.33	1.66 No	0.3 Thermal Discharging	
SHP061	288	'7000395_/7000412'		10	10	10	0.91	1.5	10	4.97 No	0.91 Thermal Discharging
SHP061	289	'9043754_/9675198_1'		10	10	10	0.91	0.9	10	4.97 No	0.9 Element Fault
SHP061	290	'6998117_/6998114'	3.33	3.33	3.33	0.3	0.5	3.33	1.66 No	0.3 Thermal Discharging	
SHP061	291	'44032265_/44032267'	3.33	3.33	3.33	0.3	0.5	3.33	1.66 No	0.3 Thermal Discharging	
SHP061	292	'6975843_/6984950'	6.67	6.67	6.67	0.61	1	6.67	3.32 No	0.61 Thermal Discharging	
SHP061	293	'9675201_/9675198_2'		10	10	10	0.91	0.9	10	4.97 No	0.9 Element Fault
SHP061	294	'44035301_/7000523'		10	10	10	0.91	1.7	10	4.97 No	0.91 Thermal Discharging
SHP061	295	'8103170_/8103168'		10	10	10	0.91	3.2	10	4.97 No	0.91 Thermal Discharging
SHP061	296	'73139764_/73139739_1'		10	10	10	0.91	0.9	10	4.97 No	0.9 Element Fault
SHP061	297	'43745948_/5595418'	6.67	6.67	6.67	0.61	0.6	6.67	3.32 No	0.6 Element Fault	
SHP061	298	'44034929_/6977053_2'		10	10	10	0.91	1.5	10	4.97 No	0.91 Thermal Discharging
SHP061	299	'6983313_/6983325'	6.67	6.67	6.67	0.61	0.6	6.67	3.32 No	0.6 Element Fault	
SHP061	300	'702661874_/671949641_2'		10	10	10	0.91	3.2	10	4.97 No	0.91 Thermal Discharging
SHP061	301	'517888069_/5595476_2'	6.67	6.67	6.67	0.61	0.6	6.67	3.32 No	0.6 Element Fault	
SHP061	302	'6983844_/6983854'	3.33	3.33	3.33	0.3	0.5	3.33	1.66 No	0.3 Thermal Discharging	
SHP061	303	'6983171_/6983181'	3.33	3.33	3.33	0.3	0.3	3.33	1.66 No	0.3 Thermal Discharging	
SHP061	304	'6983298_/6983310'	6.67	6.67	6.67	0.61	0.6	6.67	3.32 No	0.6 Element Fault	
SHP061	305	'73139718_/73139739_2'		10	10	10	0.91	0.9	10	4.97 No	0.9 Element Fault
SHP061	306	'44031712_/44031702'	3.33	3.33	3.33	0.3	0.3	3.33	1.66 No	0.3 Thermal Discharging	
SHP061	307	'6975676_/44031299'	3.33	3.33	3.33	0.3	0.3	3.33	1.66 No	0.3 Thermal Discharging	
SHP061	308	'44035249_/7000392'		10	10	10	0.91	1.5	10	4.97 No	0.91 Thermal Discharging
SHP061	309	'44034335_/44034931'		10	10	10	0.91	1.5	10	4.97 No	0.91 Thermal Discharging
SHP061	310	'44035262_/7000500'		10	10	10	0.91	1.7	10	4.97 No	0.91 Thermal Discharging
SHP061	311	'5595607_/5607709'	3.33	3.33	3.33	0.3	0.3	3.33	1.66 No	0.3 Thermal Discharging	
SHP061	312	'7000503_/9345410_2'		10	10	10	0.91	1.7	10	4.97 No	0.91 Thermal Discharging
SHP061	313	'6988963_/6988961'	3.33	3.33	3.33	0.3	0.5	3.33	1.66 No	0.3 Thermal Discharging	
SHP061	314	'44034387_/6998127'	3.33	3.33	3.33	0.3	0.5	3.33	1.66 No	0.3 Thermal Discharging	
SHP061	315	'6975844_/6975841'	6.67	6.67	6.67	0.61	1	6.67	3.32 No	0.61 Thermal Discharging	
SHP061	316	'9345413_/9345410_1'		10	10	10	0.91	0.9	10	4.97 No	0.9 Element Fault
SHP061	317	'44031074_/44031076'	6.67	6.67	6.67	0.61	0.6	6.67	3.32 No	0.6 Element Fault	
SHP061	318	'5601497_/5601495'	6.67	6.67	6.67	0.61	0.6	6.67	3.32 No	0.6 Element Fault	
SHP061	319	'6983831_/6983841'	3.33	3.33	3.33	0.3	0.5	3.33	1.66 No	0.3 Thermal Discharging	
SHP061	320	'435998959_/5595560'	6.67	6.67	6.67	0.61	0.6	6.67	3.32 No	0.6 Element Fault	
SHP061	321	'44035384_/44035386'		10	10	10	0.91	1.5	10	4.97 No	0.91 Thermal Discharging
SHP061	322	'6981315_/6981598'	6.67	6.67	6.67	0.61	1	6.67	3.32 No	0.61 Thermal Discharging	
SHP061	323	'6983158_/6983168'	3.33	3.33	3.33	0.3	0.3	3.33	1.66 No	0.3 Thermal Discharging	
SHP061	324	'5595636_/7099582'	3.33	3.33	3.33	0.3	0.3	3.33	1.66 No	0.3 Thermal Discharging	
SHP061	325	'7170560_/7117777'		10	10	10	0.91	1.5	10	4.97 No	0.91 Thermal Discharging
SHP061	326	'6983262_/6983280'	6.67	6.67	6.67	0.61	0.6	6.67	3.32 No	0.6 Element Fault	
SHP061	327	'435998785_/435998782'	3.33	3.33	3.33	0.3	0.3	3.33	1.66 No	0.3 Thermal Discharging	
SHP061	328	'8441672_/8441670_1'		10	10	10	0.91	0.9	10	4.97 No	0.9 Element Fault
SHP061	329	'6988951_/6988974'	3.33	3.33	3.33	0.3	0.5	3.33	1.66 No	0.3 Thermal Discharging	
SHP061	330	'5595608_/5595605'	3.33	3.33	3.33	0.3	0.3	3.33	1.66 No	0.3 Thermal Discharging	
SHP061	331	'7001189_/7001187'		10	10	10	0.91	1.5	10	4.97 No	0.91 Thermal Discharging
SHP061	332	'6998146_/6998143'	3.33	3.33	3.33	0.3	0.5	3.33	1.66 No	0.3 Thermal Discharging	
SHP061	333	'44031242_/44031244'	3.33	3.33	3.33	0.3	0.5	3.33	1.66 No	0.3 Thermal Discharging	
SHP061	334	'8441673_/8441670_2'		10	10	10	0.91	0.9	10	4.97 No	0.9 Element Fault
SHP061	335	'43744258_/43744260'	6.67	6.67	6.67	0.61	0.6	6.67	3.32 No	0.6 Element Fault	
SHP061	336	'44030606_/7170577'		10	10	10	0.91	1.5	10	4.97 No	0.91 Thermal Discharging
SHP061	337	'5610755_/5610753_1'	3.33	3.33	3.33	0.3	0.3	3.33	1.66 No	0.3 Thermal Discharging	
SHP061	338	'435998799_/435998796'	3.33	3.33	3.33	0.3	0.3	3.33	1.66 No	0.3 Thermal Discharging	
SHP061	339	'44031063_/6983259'	6.67	6.67	6.67	0.61	0.6	6.67	3.32 No	0.6 Element Fault	
SHP061	340	'5595637_/5595634_1'	3.33	3.33	3.33	0.3	0.3	3.33	1.66 No	0.3 Thermal Discharging	
SHP061	341	'44707432_/6983812'	3.33	3.33	3.33	0.3	0.5	3.33	1.66 No	0.3 Thermal Discharging	
SHP061	342	'5595624_/5595621'	3.33	3.33	3.33	0.3	0.3	3.33	1.66 No	0.3 Thermal Discharging	
SHP061	343	'7117868_/7117866'		10	10	10	0.91	1.5	10	4.97 No	0.91 Thermal Discharging
SHP061	344	'44030465_/6981451'	6.67	6.67	6.67	0.61	1	6.67	3.32 No	0.61 Thermal Discharging	
SHP061	345	'5595576_/43744322'	3.33	3.33	3.33	0.3	0.3	3.33	1.66 No	0.3 Thermal Discharging	
SHP061	346	'43744366_/5595634_2'	3.33	3.33	3.33	0.3	0.3	3.33	1.66 No	0.3 Thermal Discharging	
SHP061	347	'44031041_/6983155'	3.33	3.33	3.33	0.3	0.3	3.33	1.66 No	0.3 Thermal Discharging	
SHP061	348	'6981240_/6981238_1'	6.67	6.67	6.67	0.61	1	6.67	3.32 No	0.61 Thermal Discharging	
SHP061	349	'6983249_/6983403'	3.33	3.33	3.33	0.3	0.3	3.33	1.66 No	0.3 Thermal Discharging	
SHP061	350	'6988925_/6988948'	3.33	3.33	3.33	0.3	0.5	3.33	1.66 No	0.3 Thermal Discharging	
SHP061	351	'44034398_/6998156'	3.33	3.33	3.33	0.3	0.5	3.33	1.66 No	0.3 Thermal Discharging	
SHP061	352	'435999613_/435998810'	3.33	3.33	3.33	0.3	0.3	3.33	1.66 No	0.3 Thermal Discharging	
SHP061	353	'5603491_/5603503'	6.67	6.67	6.67	0.61	0.6	6.67	3.32 No	0.6 Element Fault	
SHP061	354	'44030513_/6981313'	3.33	3.33	3.33	0.3	0.5	3.33	1.66 No	0.3 Thermal Discharging	
SHP061	355	'435998813_/435999590'	3.33	3.33	3.33	0.3	0.3	3.33	1.66 No	0.3 Thermal Discharging	
SHP061	356	'6981616_/6981613'		10	10	10	0.91	1.5	10	4.97 No	0.91 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SHP061	357	'5595494_/_5610753_2'	3.33	3.33	3.33	0.3	0.3	3.33	1.66 No	0.3	Thermal Discharging
SHP061	358	'6981241_/_6981238_2'	6.67	6.67	6.67	0.61	1	6.67	3.32 No	0.61	Thermal Discharging
SHP061	359	'440344003_/_440344000'	3.33	3.33	3.33	0.3	0.5	3.33	1.66 No	0.3	Thermal Discharging
SHP061	360	'5595592_/_5595589'	3.33	3.33	3.33	0.3	0.3	3.33	1.66 No	0.3	Thermal Discharging
SHP061	361	'5595652_/_43744368'	3.33	3.33	3.33	0.3	0.3	3.33	1.66 No	0.3	Thermal Discharging
SHP061	362	'6983236_/_6983246'	3.33	3.33	3.33	0.3	0.3	3.33	1.66 No	0.3	Thermal Discharging
SHP061	363	'5603490_/_5603488'	5.13	6.67	6.67	0.61	0.6	6.67	3.32 No	0.6	Element Fault
SHP061	364	'6981256_/_6981253'	6.67	6.67	6.67	0.61	1	6.67	3.32 No	0.61	Thermal Discharging
SHP061	365	'44032254_/_6988922'	3.33	3.33	3.33	0.3	0.5	3.33	1.66 No	0.3	Thermal Discharging
SHP061	366	'5595495_/_5595492'	3.33	3.33	3.33	0.3	0.3	3.33	1.66 No	0.3	Thermal Discharging
SHP061	367	'6986355_/_6986365'	3.33	3.33	3.33	0.3	0.3	3.33	1.66 No	0.3	Thermal Discharging
SHP061	368	'44032134_/_6981630'	10	10	10	0.91	1.5	10	4.97 No	0.91	Thermal Discharging
SHP061	369	'6987772_/_7099706'	3.33	3.33	3.33	0.3	0.3	3.33	1.66 No	0.3	Thermal Discharging
SHP061	370	'5603591_/_5603603'	4.13	6.67	6.67	0.61	0.6	6.67	3.32 No	0.6	Element Fault
SHP061	371	'5595653_/_5595650'	3.33	3.33	3.33	0.3	0.3	3.33	1.66 No	0.3	Thermal Discharging
SHP061	372	'6983223_/_6983233'	3.33	3.33	3.33	0.3	0.3	3.33	1.66 No	0.3	Thermal Discharging
SHP061	373	'50756932_/_44032244'	3.33	3.33	3.33	0.3	0.5	3.33	1.66 No	0.3	Thermal Discharging
SHP061	374	'6981653_/_44032136'	10	10	10	0.91	1.5	10	4.97 No	0.91	Thermal Discharging
SHP061	375	'6988895_/_6988893_2'	3.33	3.33	3.33	0.3	0.5	3.33	1.66 No	0.3	Thermal Discharging
SHP061	376	'6981543_/_44030515'	3.33	3.33	3.33	0.3	0.5	3.33	1.66 No	0.3	Thermal Discharging
SHP061	377	'6987773_/_6987770'	2	3.33	3.33	0.3	0.3	3.33	1.66 No	0.3	Thermal Discharging
SHP061	378	'44030477_/_6981268'	6.67	6.67	6.67	0.61	1	6.67	3.32 No	0.61	Thermal Discharging
SHP061	379	'6988841_/_7099494_1'	3.33	3.33	3.33	0.3	0.3	3.33	1.66 No	0.3	Thermal Discharging
SHP061	380	'6983145_/_6986352'	3.33	3.33	3.33	0.3	0.3	3.33	1.66 No	0.3	Thermal Discharging
SHP061	381	'5595511_/_5595508'	3.33	3.33	3.33	0.3	0.3	3.33	1.66 No	0.3	Thermal Discharging
SHP061	382	'6988788_/_6988786_1'	3.33	3.33	3.33	0.3	0.3	3.33	1.66 No	0.3	Thermal Discharging
SHP061	383	'5595666_/_5595663'	3.33	3.33	3.33	0.3	0.3	3.33	1.66 No	0.3	Thermal Discharging
SHP061	384	'43746032_/_43746034'	3.13	6.67	6.67	0.61	0.6	6.67	3.32 No	0.6	Element Fault
SHP061	385	'44030619_/_6981667'	10	10	10	0.91	1.5	10	4.97 No	0.91	Thermal Discharging
SHP061	386	'44032231_/_6988786_2'	3.33	3.33	3.33	0.3	0.3	3.33	1.66 No	0.3	Thermal Discharging
SHP061	387	'6988896_/_6988893_1'	2.57	3.33	3.33	0.3	0.3	3.33	1.66 No	0.3	Thermal Discharging
SHP061	388	'5595524_/_5595521'	2.47	3.33	3.33	0.3	0.3	3.33	1.66 No	0.3	Thermal Discharging
SHP061	389	'6983222_/_44031423'	3.33	3.33	3.33	0.3	0.3	3.33	1.66 No	0.3	Thermal Discharging
SHP061	390	'6983144_/_6983142'	3.33	3.33	3.33	0.3	0.3	3.33	1.66 No	0.3	Thermal Discharging
SHP061	391	'5608224_/_7099494_2'	3.33	3.33	3.33	0.3	0.3	3.33	1.66 No	0.3	Thermal Discharging
SHP061	392	'6987786_/_6987783_1'	1.5	3.33	3.33	0.3	0.3	3.33	1.66 No	0.3	Thermal Discharging
SHP061	393	'44031967_/_6987783_2'	1.43	3.33	3.33	0.3	0.3	3.33	1.66 No	0.3	Thermal Discharging
SHP061	394	'6981286_/_44030479'	3.87	6.67	6.67	0.61	1	6.67	3.32 No	0.61	Thermal Discharging
SHP061	395	'6984238_/_6984235'	3.33	3.33	3.33	0.3	0.3	3.33	1.66 No	0.3	Thermal Discharging
SHP061	396	'6984324_/_7099691'	2.53	6.67	6.67	0.61	0.6	6.67	3.32 No	0.6	Element Fault
SHP061	397	'6986622_/_6988935'	1.7	3.33	3.33	0.3	0.3	3.33	1.66 No	0.3	Thermal Discharging
SHP061	398	'6998504_/_7117823'	3.33	3.33	3.33	0.3	0.3	3.33	1.66 No	0.3	Thermal Discharging
SHP061	399	'5595537_/_5595534'	1.63	3.33	3.33	0.3	0.3	3.33	1.66 No	0.3	Thermal Discharging
SHP061	400	'43746778_/_5608222'	1.9	3.33	3.33	0.3	0.3	3.33	1.66 No	0.3	Thermal Discharging
SHP061	401	'6981331_/_6988799'	1.9	3.33	3.33	0.3	0.3	3.33	1.66 No	0.3	Thermal Discharging
SHP061	402	'6984490_/_44031969'	1.27	3.33	3.33	0.3	0.3	3.33	1.66 No	0.3	Thermal Discharging
SHP061	403	'44030489_/_6981469'	3.13	6.67	6.67	0.61	1	6.67	3.32 No	0.61	Thermal Discharging
SHP061	404	'5595550_/_5595547'	1.47	3.33	3.33	0.3	0.3	3.33	1.66 No	0.3	Thermal Discharging
SHP061	405	'44031432_/_6984251'	3.33	3.33	3.33	0.3	0.3	3.33	1.66 No	0.3	Thermal Discharging
SHP061	406	'6998516_/_6998501'	3.33	3.33	3.33	0.3	0.3	3.33	1.66 No	0.3	Thermal Discharging
SHP061	407	'44031542_/_6986620'	1.37	3.33	3.33	0.3	0.3	3.33	1.66 No	0.3	Thermal Discharging
SHP061	408	'6984306_/_6984321'	2.13	6.67	6.67	0.61	0.6	6.67	3.32 No	0.6	Element Fault
SHP061	409	'6984491_/_6984488'	1.13	3.33	3.33	0.3	0.3	3.33	1.66 No	0.3	Thermal Discharging
SHP061	410	'5608225_/_43746780'	1.53	3.33	3.33	0.3	0.3	3.33	1.66 No	0.3	Thermal Discharging
SHP061	411	'6981332_/_6981329'	1.53	3.33	3.33	0.3	0.3	3.33	1.66 No	0.3	Thermal Discharging
SHP061	412	'6984266_/_44031434'	3.33	3.33	3.33	0.3	0.3	3.33	1.66 No	0.3	Thermal Discharging
SHP061	413	'5608241_/_5608238'	1.37	3.33	3.33	0.3	0.3	3.33	1.66 No	0.3	Thermal Discharging
SHP061	414	'6981300_/_44030491'	2.53	6.67	6.67	0.61	1	6.67	3.32 No	0.61	Thermal Discharging
SHP061	415	'6984504_/_6984501'	1.03	3.33	3.33	0.3	0.3	3.33	1.66 No	0.3	Thermal Discharging
SHP061	416	'6998517_/_6998514'	3.33	3.33	3.33	0.3	0.3	3.33	1.66 No	0.3	Thermal Discharging
SHP061	417	'44030524_/_6988867'	1.37	3.33	3.33	0.3	0.3	3.33	1.66 No	0.3	Thermal Discharging
SHP061	418	'6975704_/_44031544'	1.17	3.33	3.33	0.3	0.3	3.33	1.66 No	0.3	Thermal Discharging
SHP061	419	'6984267_/_6984264'	3.33	3.33	3.33	0.3	0.3	3.33	1.66 No	0.3	Thermal Discharging
SHP061	420	'43746789_/_5608432'	1.3	3.33	3.33	0.3	0.3	3.33	1.66 No	0.3	Thermal Discharging
SHP061	421	'6984517_/_6984514'	0.97	3.33	3.33	0.3	0.3	3.33	1.66 No	0.3	Thermal Discharging
SHP061	422	'6998533_/_6998530'	3.33	3.33	3.33	0.3	0.3	3.33	1.66 No	0.3	Thermal Discharging
SHP061	423	'44030501_/_6981298'	2.2	6.67	6.67	0.61	1	6.67	3.32 No	0.61	Thermal Discharging
SHP061	424	'44031531_/_6975702'	1.03	3.33	3.33	0.3	0.3	3.33	1.66 No	0.3	Thermal Discharging
SHP061	425	'6984569_/_6984566'	0.93	3.33	3.33	0.3	0.3	3.33	1.66 No	0.3	Thermal Discharging
SHP061	426	'6981344_/_44030526'	1.17	3.33	3.33	0.3	0.3	3.33	1.66 No	0.3	Thermal Discharging
SHP061	427	'44031443_/_6984277'	3.33	3.33	3.33	0.3	0.3	3.33	1.66 No	0.3	Thermal Discharging
SHP061	428	'467109378_/_6987678_1'	0.93	3.33	3.33	0.3	0.1	3.33	1.66 No	0.1	Element Fault
SHP061	429	'43746800_/_5608251'	1.17	3.33	3.33	0.3	0.3	3.33	1.66 No	0.3	Thermal Discharging
SHP061	430	'6984530_/_6984527'	0.9	3.33	3.33	0.3	0.3	3.33	1.66 No	0.3	Thermal Discharging
SHP061	431	'44034502_/_6998543'	1.7	3.33	3.33	0.3	0.3	3.33	1.66 No	0.3	Thermal Discharging
SHP061	432	'6975705_/_44031533'	0.97	3.33	3.33	0.3	0.3	3.33	1.66 No	0.3	Thermal Discharging
SHP061	433	'6981502_/_44030503'	2	6.67	6.67	0.61	1	6.67	3.32 No	0.61	Thermal Discharging
SHP061	434	'6981345_/_6981342'	1.07	3.33	3.33	0.3	0.3	3.33	1.66 No	0.3	Thermal Discharging
SHP061	435	'8410751_/_9345076_1'	1.93	6.67	6.67	0.61	0.6	6.67	3.32 No	0.6	Element Fault
SHP061	436	'6987152_/_6987149'	3.33	3.33	3.33	0.3	0.3	3.33	1.66 No	0.3	Thermal Discharging
SHP061	437	'5608266_/_43746802'	1.03	3.33	3.33	0.3	0.3	3.33	1.66 No	0.3	Thermal Discharging
SHP061	438	'44031509_/_6984540'	0.83	3.33	3.33	0.3	0.3	3.33	1.66 No	0.3	Thermal Discharging
SHP061	439	'6987681_/_6987678_2'	0.83	3.33	3.33	0.3	0.1	3.33	1.66 No	0.1	Element Fault
SHP061	440	'44031030_/_44034504'	1.43	3.33	3.33	0.3	0.3	3.33	1.66 No	0.3	Thermal Discharging
SHP061	441	'6988815_/_6988812'	0.97	3.33	3.33	0.3	0.3	3.33	1.66 No	0.3	Thermal Discharging
SHP061	442	'6981556_/_6981553'	0.9	3.33	3.33	0.3	0.5	3.33	1.66 No	0.3	Thermal Discharging
SHP061	443	'6984292_/_6987165'	1.93	3.33	3.33	0.3	0.3	3.33	1.66 No	0.3	Thermal Discharging
SHP061	444	'5608267_/_5608264'	0.93	3.33	3.33	0.3	0.3	3.33	1.66 No	0.3	Thermal Discharging
SHP061	445	'6984556_/_44031511'	0.77	3.33	3.33	0.3	0.3	3.33	1.66 No	0.3	Thermal Discharging
SHP061	446	'6987853_/_6987850'	0.77	3.33	3.33	0.3	0.1	3.33	1.66 No	0.1	Element Fault
SHP061	447	'6984293_/_6984303_1'	1.23	3.33	3.33	0.3	0.3	3.33	1.66 No	0.3	Thermal Discharging
SHP061	448	'6987087_/_44031032'	1.17	3.33	3.33	0.3	0.3	3.33	1.66 No	0.3	Thermal Discharging
SHP061	449	'6984358_/_6984355'	1.6	3.33	3.33	0.3	0.3	3.33	1.66 No	0.3	Thermal Discharging
SHP061	450	'44031520_/_6984579'	0.73	3.33	3.33	0.3	0.3	3.33	1.66 No	0.3	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over- Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SHP061	451	'5608280_/_5608277'		0.87	3.33	3.33	0.3	0.3	3.33	1.66 No	0.3 Thermal Discharging
SHP061	452	'44032186_/_6987879'		0.73	3.33	3.33	0.3	0.1	3.33	1.66 No	0.1 Element Fault
SHP061	453	'6987866_/_6987863'		0.73	3.33	3.33	0.3	0.1	3.33	1.66 No	0.1 Element Fault
SHP061	454	'9345079_/_9345076_2'		1.53	6.67	6.67	0.61	0.6	6.67	3.32 No	0.6 Element Fault
SHP061	455	'6989345_/_44032361'		1.07	3.33	3.33	0.3	0.3	3.33	1.66 No	0.3 Thermal Discharging
SHP061	456	'44031454_/_6987665'		1.4	3.33	3.33	0.3	0.3	3.33	1.66 No	0.3 Thermal Discharging
SHP061	457	'6984582_/_44031522'		0.7	3.33	3.33	0.3	0.3	3.33	1.66 No	0.3 Thermal Discharging
SHP061	458	'6987882_/_44032188'		0.7	3.33	3.33	0.3	0.1	3.33	1.66 No	0.1 Element Fault
SHP061	459	'5608293_/_5608290'		0.83	3.33	3.33	0.3	0.3	3.33	1.66 No	0.3 Thermal Discharging
SHP061	460	'6984373_/_6987652'		1.27	3.33	3.33	0.3	0.3	3.33	1.66 No	0.3 Thermal Discharging
SHP061	461	'6984374_/_6984371'		1.2	3.33	3.33	0.3	0.3	3.33	1.66 No	0.3 Thermal Discharging
SHP061	462	'5608306_/_5608303'		0.77	3.33	3.33	0.3	0.3	3.33	1.66 No	0.3 Thermal Discharging
SHP061	463	'6975691_/_6984410'		1.2	3.33	3.33	0.3	0.3	3.33	1.66 No	0.3 Thermal Discharging
SHP061	464	'5608319_/_5608316'		0.73	3.33	3.33	0.3	0.3	3.33	1.66 No	0.3 Thermal Discharging
SHP061	465	'44031465_/_6984384'		1.1	3.33	3.33	0.3	0.3	3.33	1.66 No	0.3 Thermal Discharging
SHP061	466	'5608332_/_5608329'		0.7	3.33	3.33	0.3	0.3	3.33	1.66 No	0.3 Thermal Discharging
SHP061	467	'44031956_/_6975689'		1.03	3.33	3.33	0.3	0.3	3.33	1.66 No	0.3 Thermal Discharging
SHP061	468	'6984400_/_6984397'		1.03	3.33	3.33	0.3	0.3	3.33	1.66 No	0.3 Thermal Discharging
SHP061	469	'6975800_/_44031958'		0.97	3.33	3.33	0.3	0.3	3.33	1.66 No	0.3 Thermal Discharging
SHP061	470	'6989024_/_6989021'		0.97	3.33	3.33	0.3	0.3	3.33	1.66 No	0.3 Thermal Discharging
SHP061	471	'43746811_/_5608458'		0.63	3.33	3.33	0.3	0.3	3.33	1.66 No	0.3 Thermal Discharging
SHP061	472	'6984426_/_6984423'		0.9	3.33	3.33	0.3	0.3	3.33	1.66 No	0.3 Thermal Discharging
SHP061	473	'44031476_/_6989034'		0.87	3.33	3.33	0.3	0.3	3.33	1.66 No	0.3 Thermal Discharging
SHP061	474	'6984439_/_6984436'		0.87	3.33	3.33	0.3	0.3	3.33	1.66 No	0.3 Thermal Discharging
SHP061	475	'43747133_/_5609501'		0.6	3.33	3.33	0.3	0.3	3.33	1.66 No	0.3 Thermal Discharging
SHP061	476	'5609504_/_43747135'		0.6	3.33	3.33	0.3	0.3	3.33	1.66 No	0.3 Thermal Discharging
SHP061	477	'44031498_/_6984449'		0.83	3.33	3.33	0.3	0.3	3.33	1.66 No	0.3 Thermal Discharging
SHP061	478	'6989037_/_44031478'		0.8	3.33	3.33	0.3	0.3	3.33	1.66 No	0.3 Thermal Discharging
SHP061	479	'6984465_/_44031500'		0.8	3.33	3.33	0.3	0.3	3.33	1.66 No	0.3 Thermal Discharging
SHP061	480	'44031487_/_6984475'		0.77	3.33	3.33	0.3	0.3	3.33	1.66 No	0.3 Thermal Discharging
SHP061	481	'6984478_/_44031489'		0.73	3.33	3.33	0.3	0.3	3.33	1.66 No	0.3 Thermal Discharging
SHP062	0	'SHP062_/_9300868'		10	10	10	2.15	10	10	9.94 No	2.15 Thermal Discharging
SHP062	1	'8985100_/_9300868'		10	10	10	2.15	10	10	4.29 No	2.15 Thermal Discharging
SHP062	2	'8665444_/_8985097'		10	10	10	2.15	10	10	4.29 No	2.15 Thermal Discharging
SHP062	3	'8358167_/_8665441'		10	10	10	2.15	10	10	4.29 No	2.15 Thermal Discharging
SHP062	4	'8358166_/_8358164'		10	10	10	2.15	10	10	4.29 No	2.15 Thermal Discharging
SHP062	5	'8665615_/_8665613'		10	10	10	2.15	10	10	4.29 No	2.15 Thermal Discharging
SHP062	6	'7407805_/_9300928'		10	10	10	2.15	10	10	4.29 No	2.15 Thermal Discharging
SHP062	7	'7407804_/_7407802'		10	10	10	2.15	10	10	4.29 No	2.15 Thermal Discharging
SHP062	8	'7407765_/_7720758'		10	10	10	2.15	10	10	4.29 No	2.15 Thermal Discharging
SHP062	9	'435209502_/_413723636_1'		10	10	10	2.15	10	10	4.29 No	2.15 Thermal Discharging
SHP062	10	'413723448_/_413723636_2'		10	10	10	2.15	10	10	4.29 No	2.15 Thermal Discharging
SHP062	11	'413723409_/_413723450'		10	10	10	2.15	10	10	4.29 No	2.15 Thermal Discharging
SHP062	12	'5609603_/_5610042'		10	10	10	2.15	10	10	4.29 No	2.15 Thermal Discharging
SHP062	13	'413723872_/_413723499'		10	10	10	2.15	10	10	4.29 No	2.15 Thermal Discharging
SHP062	14	'461467697_/_461467663_1'		10	10	10	2.15	1.5	10	4.29 No	1.5 Element Fault
SHP062	15	'435209291_/_5609600_1'		10	10	10	2.15	2.3	10	4.29 No	2.15 Thermal Discharging
SHP062	16	'461467644_/_461467663_2'		10	10	10	2.15	1.5	10	4.29 No	1.5 Element Fault
SHP062	17	'415864621_/_413723828'		10	10	10	2.15	10	10	4.29 No	2.15 Thermal Discharging
SHP062	18	'413724598_/_413724638'		10	10	10	2.15	10	10	4.29 No	2.15 Thermal Discharging
SHP062	19	'5609602_/_5609600_2'		10	10	10	2.15	2.3	10	4.29 No	2.15 Thermal Discharging
SHP062	20	'470464595_/_413723851'		10	10	10	2.15	10	10	4.29 No	2.15 Thermal Discharging
SHP062	21	'470464593_/_345453052'		10	10	10	2.15	10	10	4.29 No	2.15 Thermal Discharging
SHP062	22	'470464591_/_63130423'		10	10	10	2.15	10	10	4.29 No	2.15 Thermal Discharging
SHP062	23	'7407597_/_9612181_2'		3.33	3.33	3.33	0.72	0.77	3.33	1.43 No	0.72 Thermal Discharging
SHP062	24	'342337331_/_342337357'		10	10	10	2.15	10	10	4.29 No	2.15 Thermal Discharging
SHP062	25	'43747144_/_342337328'		10	10	10	2.15	10	10	4.29 No	2.15 Thermal Discharging
SHP062	26	'5609520_/_5609566'		10	10	10	2.15	10	10	4.29 No	2.15 Thermal Discharging
SHP062	27	'5608646_/_5609517'		10	10	10	2.15	10	10	4.29 No	2.15 Thermal Discharging
SHP062	28	'443924689_/_5609537'		3.33	3.33	3.33	0.72	1.5	3.33	1.43 No	0.72 Thermal Discharging
SHP062	29	'5609129_/_5609146'		10	10	10	2.15	10	10	4.29 No	2.15 Thermal Discharging
SHP062	30	'5609637_/_5609634'		10	10	10	2.15	2.3	10	4.29 No	2.15 Thermal Discharging
SHP062	31	'5608580_/_43746947_1'		6.67	6.67	6.67	1.43	0.9	6.67	2.86 No	0.9 Element Fault
SHP062	32	'5608868_/_5609126'		10	10	10	2.15	10	10	4.29 No	2.15 Thermal Discharging
SHP062	33	'435209412_/_7720698_1'		10	10	10	2.15	1.5	10	4.29 No	1.5 Element Fault
SHP062	34	'5596654_/_5609203'		10	10	10	2.15	10	10	4.29 No	2.15 Thermal Discharging
SHP062	35	'443924798_/_443924747_1'		3.33	3.33	3.33	0.72	0.3	3.33	1.43 No	0.3 Element Fault
SHP062	36	'44975151_/_443924691'		3.33	3.33	3.33	0.72	1.5	3.33	1.43 No	0.72 Thermal Discharging
SHP062	37	'5608632_/_5608629_2'		6.67	6.67	6.67	1.43	3	6.67	2.86 No	1.43 Thermal Discharging
SHP062	38	'5599156_/_5599169_1'		3.33	3.33	3.33	0.72	0.4	3.33	1.43 No	0.4 Element Fault
SHP062	39	'5596637_/_5596651'		10	10	10	2.15	10	10	4.29 No	2.15 Thermal Discharging
SHP062	40	'43747020_/_5608644'		10	10	10	2.15	4.7	10	4.29 No	2.15 Thermal Discharging
SHP062	41	'5599185_/_5599198_1'		3.33	3.33	3.33	0.72	0.4	3.33	1.43 No	0.4 Element Fault
SHP062	42	'43745447_/_5596634'		10	10	10	2.15	10	10	4.29 No	2.15 Thermal Discharging
SHP062	43	'5599977_/_5608977_2'		10	10	10	2.15	5.6	10	4.29 No	2.15 Thermal Discharging
SHP062	44	'8665503_/_9612181_1'		3.33	3.33	3.33	0.72	0.5	3.33	1.43 No	0.5 Element Fault
SHP062	45	'51944772_/_51944706_1'		10	10	10	2.15	1.4	10	4.29 No	1.4 Element Fault
SHP062	46	'5609654_/_5609651'		10	10	10	2.15	2.3	10	4.29 No	2.15 Thermal Discharging
SHP062	47	'451519097_/_5609671'		10	10	10	2.15	2.3	10	4.29 No	2.15 Thermal Discharging
SHP062	48	'7720701_/_7720698_2'		10	10	10	2.15	1.5	10	4.29 No	1.5 Element Fault
SHP062	49	'43745699_/_5608977_1'		10	10	10	2.15	1.5	10	4.29 No	1.5 Element Fault
SHP062	50	'43745412_/_5596617'		10	10	10	2.15	10	10	4.29 No	2.15 Thermal Discharging
SHP062	51	'445766312_/_451519184_1'		10	10	10	2.15	1.5	10	4.29 No	1.5 Element Fault
SHP062	52	'51944699_/_51944706_2'		10	10	10	2.15	1.4	10	4.29 No	1.4 Element Fault
SHP062	53	'43745399_/_5607789'		10	10	10	2.15	10	10	4.29 No	2.15 Thermal Discharging
SHP062	54	'5608579_/_43746947_2'		6.67	6.67	6.67	1.43	0.9	6.67	2.86 No	0.9 Element Fault
SHP062	55	'449587720_/_451519184_2'		10	10	10	2.15	1.5	10	4.29 No	1.5 Element Fault
SHP062	56	'5608614_/_5608629_1'		6.67	6.67	6.67	1.43	0.9	6.67	2.86 No	0.9 Element Fault
SHP062	57	'43745385_/_43745387'		10	10	10	2.15	10	10	4.29 No	2.15 Thermal Discharging
SHP062	58	'449587680_/_445766381'		10	10	10	2.15	1.5	10	4.29 No	1.5 Element Fault
SHP062	59	'5608670_/_5608667'		10	10	10	2.15	4.7	10	4.29 No	2.15 Thermal Discharging
SHP062	60	'449587690_/_449587573'		10	10	10	2.15	1.5	10	4.29 No	1.5 Element Fault
SHP062	61	'5599201_/_5599198_2'		3.33	3.33	3.33	0.72	0.4	3.33	1.43 No	0.4 Element Fault
SHP062	62	'5599213_/_5599974'		10	10	10	2.15	1.5	10	4.29 No	1.5 Element Fault

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SHP062	63	'5599172_/_5599169_2'	3.33		3.33	3.33	0.72	0.4	3.33	1.43 No	0.4 Element Fault
SHP062	64	'51944777_/_5609467_1'	10		10	10	2.15	1.6	10	4.29 No	1.6 Element Fault
SHP062	65	'5596602_/_5596600'	10		10	10	2.15	10	10	4.29 No	2.15 Thermal Discharging
SHP062	66	'5596585_/_5596583'	10		10	10	2.15	10	10	4.29 No	2.15 Thermal Discharging
SHP062	67	'473817144_/_5599140_1'	3.33		3.33	3.33	0.72	0.4	3.33	1.43 No	0.4 Element Fault
SHP062	68	'43745460_/_43745462'	10		10	10	2.15	1.5	10	4.29 No	1.5 Element Fault
SHP062	69	'5596909_/_5596923'	10		10	10	2.15	10	10	4.29 No	2.15 Thermal Discharging
SHP062	70	'5608613_/_5608611'	6.67		6.67	6.67	1.43	0.9	6.67	2.86 No	0.9 Element Fault
SHP062	71	'50757089_/_50757086'	10		10	10	2.15	10	10	4.29 No	2.15 Thermal Discharging
SHP062	72	'5599114_/_43745427_1'	3.33		3.33	3.33	0.72	0.4	3.33	1.43 No	0.4 Element Fault
SHP062	73	'5599279_/_5599277_2'	10		10	10	2.15	3.6	10	4.29 No	2.15 Thermal Discharging
SHP062	74	'5596891_/_5596889'	10		10	10	2.15	10	10	4.29 No	2.15 Thermal Discharging
SHP062	75	'443924728_/_443924747_2'	3.33		3.33	3.33	0.72	0.3	3.33	1.43 No	0.3 Element Fault
SHP062	76	'5596875_/_5597105'	10		10	10	2.15	10	10	4.29 No	2.15 Thermal Discharging
SHP062	77	'5596858_/_5596872'	10		10	10	2.15	10	10	4.29 No	2.15 Thermal Discharging
SHP062	78	'43745221_/_5599277_1'	10		10	10	2.15	1.6	10	4.29 No	1.6 Element Fault
SHP062	79	'43747120_/_5609467_2'	10		10	10	2.15	1.6	10	4.29 No	1.6 Element Fault
SHP062	80	'5596857_/_5596855'	10		10	10	2.15	10	10	4.29 No	2.15 Thermal Discharging
SHP062	81	'7407712_/_8665501'	3.33		3.33	3.33	0.72	0.5	3.33	1.43 No	0.5 Element Fault
SHP062	82	'5605262_/_5605259'	10		10	10	2.15	1.5	10	4.29 No	1.5 Element Fault
SHP062	83	'5596373_/_5597145'	10		10	10	2.15	10	10	4.29 No	2.15 Thermal Discharging
SHP062	84	'8985080_/_449587536'	10		10	10	2.15	1.5	10	4.29 No	1.5 Element Fault
SHP062	85	'43746933_/_43746935'	6.67		6.67	6.67	1.43	0.9	6.67	2.86 No	0.9 Element Fault
SHP062	86	'5599143_/_5599140_2'	3.33		3.33	3.33	0.72	0.4	3.33	1.43 No	0.4 Element Fault
SHP062	87	'5596356_/_5596370'	10		10	10	2.15	10	10	4.29 No	2.15 Thermal Discharging
SHP062	88	'5599113_/_43745427_2'	3.33		3.33	3.33	0.72	0.4	3.33	1.43 No	0.4 Element Fault
SHP062	89	'5599214_/_5599211'	6.67		6.67	6.67	1.43	1	6.67	2.86 No	1 Element Fault
SHP062	90	'5596339_/_5596353'	10		10	10	2.15	10	10	4.29 No	2.15 Thermal Discharging
SHP062	91	'5596322_/_5596336'	10		10	10	2.15	10	10	4.29 No	2.15 Thermal Discharging
SHP062	92	'5596321_/_5596319'	10		10	10	2.15	10	10	4.29 No	2.15 Thermal Discharging
SHP062	93	'7407713_/_7407710'	3.33		3.33	3.33	0.72	0.5	3.33	1.43 No	0.5 Element Fault
SHP062	94	'5608686_/_43747122'	10		10	10	2.15	1.6	10	4.29 No	1.6 Element Fault
SHP062	95	'6986292_/_7099671'	10		10	10	2.15	10	10	4.29 No	2.15 Thermal Discharging
SHP062	96	'7407577_/_119498678_1'	10		10	10	2.15	1	10	4.29 No	1 Element Fault
SHP062	97	'6986275_/_6986289'	10		10	10	2.15	10	10	4.29 No	2.15 Thermal Discharging
SHP062	98	'6986274_/_6986272'	10		10	10	2.15	10	10	4.29 No	2.15 Thermal Discharging
SHP062	99	'5608901_/_5608899'	6.67		6.67	6.67	1.43	0.9	6.67	2.86 No	0.9 Element Fault
SHP062	100	'43747183_/_5605279'	10		10	10	2.15	1.5	10	4.29 No	1.5 Element Fault
SHP062	101	'6986670_/_6986684'	10		10	10	2.15	10	10	4.29 No	2.15 Thermal Discharging
SHP062	102	'6986258_/_6986667'	10		10	10	2.15	10	10	4.29 No	2.15 Thermal Discharging
SHP062	103	'451519428_/_451519309_1'	10		10	10	2.15	0.9	10	4.29 No	0.9 Element Fault
SHP062	104	'451519269_/_451519309_2'	10		10	10	2.15	0.9	10	4.29 No	0.9 Element Fault
SHP062	105	'6986257_/_6986255'	10		10	10	2.15	10	10	4.29 No	2.15 Thermal Discharging
SHP062	106	'6986909_/_6986923'	10		10	10	2.15	10	10	4.29 No	2.15 Thermal Discharging
SHP062	107	'43745487_/_5599229'	6.67		6.67	6.67	1.43	1	6.67	2.86 No	1 Element Fault
SHP062	108	'119498877_/_119498678_2'	10		10	10	2.15	1	10	4.29 No	1 Element Fault
SHP062	109	'6986892_/_6986906'	10		10	10	2.15	10	10	4.29 No	2.15 Thermal Discharging
SHP062	110	'5610133_/_5610131'	10		10	10	2.15	0.9	10	4.29 No	0.9 Element Fault
SHP062	111	'5599711_/_5599728'	10		10	10	2.15	1.6	10	4.29 No	1.6 Element Fault
SHP062	112	'6986187_/_6986889'	10		10	10	2.15	10	10	4.29 No	2.15 Thermal Discharging
SHP062	113	'5608687_/_5608684'	10		10	10	2.15	1.6	10	4.29 No	1.6 Element Fault
SHP062	114	'6986167_/_6986184'	10		10	10	2.15	10	10	4.29 No	2.15 Thermal Discharging
SHP062	115	'8044330_/_8044328_1'	10		10	10	2.15	0.9	10	4.29 No	0.9 Element Fault
SHP062	116	'6986150_/_6986164'	10		10	10	2.15	10	10	4.29 No	2.15 Thermal Discharging
SHP062	117	'454761836_/_451519271'	10		10	10	2.15	0.9	10	4.29 No	0.9 Element Fault
SHP062	118	'6986133_/_6986147'	10		10	10	2.15	10	10	4.29 No	2.15 Thermal Discharging
SHP062	119	'5608769_/_5609454_2'	3.33		3.33	3.33	0.72	0.53	3.33	1.43 No	0.53 Element Fault
SHP062	120	'43747197_/_43747185'	10		10	10	2.15	1.5	10	4.29 No	1.5 Element Fault
SHP062	121	'6986116_/_6986130'	10		10	10	2.15	10	10	4.29 No	2.15 Thermal Discharging
SHP062	122	'6986099_/_6986113'	10		10	10	2.15	10	10	4.29 No	2.15 Thermal Discharging
SHP062	123	'8044331_/_8044328_2'	10		10	10	2.15	0.9	10	4.29 No	0.9 Element Fault
SHP062	124	'6986082_/_6986096'	10		10	10	2.15	10	10	4.29 No	2.15 Thermal Discharging
SHP062	125	'5599247_/_43745489'	6.67		6.67	6.67	1.43	1	6.67	2.86 No	1 Element Fault
SHP062	126	'119498896_/_119498767'	10		10	10	2.15	1	10	4.29 No	1 Element Fault
SHP062	127	'5608704_/_5608701'	10		10	10	2.15	1.6	10	4.29 No	1.6 Element Fault
SHP062	128	'6986065_/_6986079'	10		10	10	2.15	10	10	4.29 No	2.15 Thermal Discharging
SHP062	129	'581217431_/_5608009'	10		10	10	2.15	1.5	10	4.29 No	1.5 Element Fault
SHP062	130	'6986045_/_6986062'	10		10	10	2.15	10	10	4.29 No	2.15 Thermal Discharging
SHP062	131	'6985797_/_6986042'	10		10	10	2.15	10	10	4.29 No	2.15 Thermal Discharging
SHP062	132	'44031216_/_6985795'	10		10	10	2.15	10	10	4.29 No	2.15 Thermal Discharging
SHP062	133	'5609456_/_5609454_1'	3.33		3.33	3.33	0.72	0.3	3.33	1.43 No	0.3 Element Fault
SHP062	134	'5608721_/_5608718'	10		10	10	2.15	1.6	10	4.29 No	1.6 Element Fault
SHP062	135	'6985818_/_44031218'	10		10	10	2.15	10	10	4.29 No	2.15 Thermal Discharging
SHP062	136	'459156384_/_459156336_1'	10		10	10	2.15	0.9	10	4.29 No	0.9 Element Fault
SHP062	137	'5608841_/_5608839_1'	3.33		3.33	3.33	0.72	0.3	3.33	1.43 No	0.3 Element Fault
SHP062	138	'6986445_/_6986442'	10		10	10	2.15	10	10	4.29 No	2.15 Thermal Discharging
SHP062	139	'44031229_/_6986459'	10		10	10	2.15	10	10	4.29 No	2.15 Thermal Discharging
SHP062	140	'43745210_/_5599708'	10		10	10	2.15	1.6	10	4.29 No	1.6 Element Fault
SHP062	141	'119498867_/_119498785'	10		10	10	2.15	1	10	4.29 No	1 Element Fault
SHP062	142	'6985835_/_6985832'	10		10	10	2.15	10	10	4.29 No	2.15 Thermal Discharging
SHP062	143	'5608782_/_5608839_2'	3.33		3.33	3.33	0.72	0.3	3.33	1.43 No	0.3 Element Fault
SHP062	144	'6988507_/_6988521_1'	10		10	10	2.15	1.4	10	4.29 No	1.4 Element Fault
SHP062	145	'44031989_/_6986408'	10		10	10	2.15	10	10	4.29 No	2.15 Thermal Discharging
SHP062	146	'6985851_/_44031991'	10		10	10	2.15	10	10	4.29 No	2.15 Thermal Discharging
SHP062	147	'5598726_/_43745212'	3.33		3.33	3.33	0.72	0.53	3.33	1.43 No	0.53 Element Fault
SHP062	148	'5599262_/_5599259'	6.67		6.67	6.67	1.43	1	6.67	2.86 No	1 Element Fault
SHP062	149	'8665404_/_459156336_2'	10		10	10	2.15	0.9	10	4.29 No	0.9 Element Fault
SHP062	150	'397079172_/_5598736_1'	3.33		3.33	3.33	0.72	0.3	3.33	1.43 No	0.3 Element Fault
SHP062	151	'44031203_/_6985849'	10		10	10	2.15	10	10	4.29 No	2.15 Thermal Discharging
SHP062	152	'43747236_/_5610218'	3.33		3.33	3.33	0.72	0.3	3.33	1.43 No	0.3 Element Fault
SHP062	153	'6985869_/_44031205'	10		10	10	2.15	10	10	4.29 No	2.15 Thermal Discharging
SHP062	154	'6987539_/_6987567'	10		10	10	2.15	10	10	4.29 No	2.15 Thermal Discharging
SHP062	155	'6988489_/_6988521_2'	10		10	10	2.15	1.4	10	4.29 No	1.4 Element Fault
SHP062	156	'6987519_/_6988369_1'	10		10	10	2.15	1.5	10	4.29 No	1.5 Element Fault

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SHP062	157	'44030425_/6988369_2'	10	10	10	2.15	1.5	10	4.29 No	1.5	Element Fault
SHP062	158	'5608855_/5608852'	3.33	3.33	3.33	0.72	0.3	3.33	1.43 No	0.3	Element Fault
SHP062	159	'44030412_/6987550'	10	10	10	2.15	10	10	4.29 No	2.15	Thermal Discharging
SHP062	160	'44030399_/6985332'	10	10	10	2.15	10	10	4.29 No	2.15	Thermal Discharging
SHP062	161	'6987227_/6987225_1'	3.33	3.33	3.33	0.72	0.4	3.33	1.43 No	0.4	Element Fault
SHP062	162	'6981214_/6985315'	10	10	10	2.15	10	10	4.29 No	2.15	Thermal Discharging
SHP062	163	'5608783_/5608780'	3.33	3.33	3.33	0.72	0.3	3.33	1.43 No	0.3	Element Fault
SHP062	164	'6987266_/44030427'	10	10	10	2.15	1.5	10	4.29 No	1.5	Element Fault
SHP062	165	'5598751_/5598736_2'	3.33	3.33	3.33	0.72	0.3	3.33	1.43 No	0.3	Element Fault
SHP062	166	'7407692_/7720738'	10	10	10	2.15	1	10	4.29 No	1	Element Fault
SHP062	167	'6975920_/6975918_1'	3.33	3.33	3.33	0.72	0.4	3.33	1.43 No	0.4	Element Fault
SHP062	168	'6985284_/6985298'	10	10	10	2.15	10	10	4.29 No	2.15	Thermal Discharging
SHP062	169	'6985267_/6985281'	10	10	10	2.15	10	10	4.29 No	2.15	Thermal Discharging
SHP062	170	'6984112_/6988487'	10	10	10	2.15	1.4	10	4.29 No	1.4	Element Fault
SHP062	171	'6981227_/6985264'	10	10	10	2.15	10	10	4.29 No	2.15	Thermal Discharging
SHP062	172	'43746057_/5603658'	6.67	6.67	6.67	1.43	1	6.67	2.86 No	1	Element Fault
SHP062	173	'6975907_/6975905_1'	3.33	3.33	3.33	0.72	0.5	3.33	1.43 No	0.5	Element Fault
SHP062	174	'6981156_/6985244'	10	10	10	2.15	10	10	4.29 No	2.15	Thermal Discharging
SHP062	175	'6985210_/6985224'	10	10	10	2.15	10	10	4.29 No	2.15	Thermal Discharging
SHP062	176	'6985193_/6985207'	10	10	10	2.15	10	10	4.29 No	2.15	Thermal Discharging
SHP062	177	'345069173_/6981167_1'	10	10	10	2.15	10	10	4.29 No	2.15	Thermal Discharging
SHP062	178	'43745712_/5608796'	3.33	3.33	3.33	0.72	0.3	3.33	1.43 No	0.3	Element Fault
SHP062	179	'5608754_/5610205'	3.33	3.33	3.33	0.72	0.3	3.33	1.43 No	0.3	Element Fault
SHP062	180	'52654916_/52654918'	10	10	10	2.15	10	10	4.29 No	2.15	Thermal Discharging
SHP062	181	'5598739_/5598749'	3.33	3.33	3.33	0.72	0.3	3.33	1.43 No	0.3	Element Fault
SHP062	182	'6984113_/6984110'	10	10	10	2.15	1.4	10	4.29 No	1.4	Element Fault
SHP062	183	'6985159_/6985173'	10	10	10	2.15	10	10	4.29 No	2.15	Thermal Discharging
SHP062	184	'44030595_/6981167_2'	10	10	10	2.15	3.1	10	4.29 No	2.15	Thermal Discharging
SHP062	185	'44030362_/44030364'	10	10	10	2.15	10	10	4.29 No	2.15	Thermal Discharging
SHP062	186	'7171260_/6987264'	10	10	10	2.15	1.5	10	4.29 No	1.5	Element Fault
SHP062	187	'7171261_/7171279_1'	10	10	10	2.15	0.9	10	4.29 No	0.9	Element Fault
SHP062	188	'6975921_/6975918_2'	3.33	3.33	3.33	0.72	0.4	3.33	1.43 No	0.4	Element Fault
SHP062	189	'6981100_/6985139'	10	10	10	2.15	10	10	4.29 No	2.15	Thermal Discharging
SHP062	190	'6975888_/150929169_2'	10	10	10	2.15	4.5	10	4.29 No	2.15	Thermal Discharging
SHP062	191	'6985108_/6985122'	10	10	10	2.15	10	10	4.29 No	2.15	Thermal Discharging
SHP062	192	'5598765_/5598762'	3.33	3.33	3.33	0.72	0.3	3.33	1.43 No	0.3	Element Fault
SHP062	193	'6984130_/6984127'	10	10	10	2.15	1.4	10	4.29 No	1.4	Element Fault
SHP062	194	'6981120_/6981137_1'	10	10	10	2.15	1.5	10	4.29 No	1.5	Element Fault
SHP062	195	'6975908_/6975905_2'	3.33	3.33	3.33	0.72	0.5	3.33	1.43 No	0.5	Element Fault
SHP062	196	'7171282_/7171279_2'	10	10	10	2.15	0.9	10	4.29 No	0.9	Element Fault
SHP062	197	'8442887_/8450064_1'	10	10	10	2.15	0.5	10	4.29 No	0.5	Element Fault
SHP062	198	'6985091_/6985105'	10	10	10	2.15	10	10	4.29 No	2.15	Thermal Discharging
SHP062	199	'452214960_/121202548_1'	6.67	6.67	6.67	1.43	0.6	6.67	2.86 No	0.6	Element Fault
SHP062	200	'57363608_/57363582'	10	10	10	2.15	3.1	10	4.29 No	2.15	Thermal Discharging
SHP062	201	'5599882_/43746059'	3.33	3.33	3.33	0.72	0.5	3.33	1.43 No	0.5	Element Fault
SHP062	202	'7134883_/6985088'	10	10	10	2.15	10	10	4.29 No	2.15	Thermal Discharging
SHP062	203	'7134884_/7134905_1'	10	10	10	2.15	1.4	10	4.29 No	1.4	Element Fault
SHP062	204	'6971296_/7117709'	10	10	10	2.15	10	10	4.29 No	2.15	Thermal Discharging
SHP062	205	'121202551_/121202548_2'	6.67	6.67	6.67	1.43	0.6	6.67	2.86 No	0.6	Element Fault
SHP062	206	'150929167_/150929169_1'	10	10	10	2.15	1.4	10	4.29 No	1.4	Element Fault
SHP062	207	'5608741_/5608751'	3.33	3.33	3.33	0.72	0.3	3.33	1.43 No	0.3	Element Fault
SHP062	208	'6987228_/6987225_2'	3.33	3.33	3.33	0.72	0.4	3.33	1.43 No	0.4	Element Fault
SHP062	209	'6971259_/6971293_1'	10	10	10	2.15	10	10	4.29 No	2.15	Thermal Discharging
SHP062	210	'44029386_/6971293_2'	10	10	10	2.15	10	10	4.29 No	2.15	Thermal Discharging
SHP062	211	'5601231_/43745714'	3.33	3.33	3.33	0.72	0.3	3.33	1.43 No	0.3	Element Fault
SHP062	212	'5598794_/5598862'	3.33	3.33	3.33	0.72	0.3	3.33	1.43 No	0.3	Element Fault
SHP062	213	'6971258_/6971256'	10	10	10	2.15	10	10	4.29 No	2.15	Thermal Discharging
SHP062	214	'5598793_/43745247'	3.33	3.33	3.33	0.72	0.3	3.33	1.43 No	0.3	Element Fault
SHP062	215	'36336542_/7134905_2'	10	10	10	2.15	1.4	10	4.29 No	1.4	Element Fault
SHP062	216	'44438704_/7134905_3'	10	10	10	2.15	1.4	10	4.29 No	1.4	Element Fault
SHP062	217	'6975325_/6975323'	10	10	10	2.15	10	10	4.29 No	2.15	Thermal Discharging
SHP062	218	'6975887_/6975885'	10	10	10	2.15	1.4	10	4.29 No	1.4	Element Fault
SHP062	219	'44029161_/6971273'	10	10	10	2.15	10	10	4.29 No	2.15	Thermal Discharging
SHP062	220	'6978143_/6978161'	10	10	10	2.15	10	10	4.29 No	2.15	Thermal Discharging
SHP062	221	'6987290_/6987287'	10	10	10	2.15	1.5	10	4.29 No	1.5	Element Fault
SHP062	222	'6984147_/6984144'	10	10	10	2.15	1.4	10	4.29 No	1.4	Element Fault
SHP062	223	'6971872_/6978141'	10	10	10	2.15	10	10	4.29 No	2.15	Thermal Discharging
SHP062	224	'6943989_/6970486'	10	10	10	2.15	10	10	4.29 No	2.15	Thermal Discharging
SHP062	225	'44030375_/6981137_2'	10	10	10	2.15	1.5	10	4.29 No	1.5	Element Fault
SHP062	226	'5608740_/5608738'	3.33	3.33	3.33	0.72	0.3	3.33	1.43 No	0.3	Element Fault
SHP062	227	'8750764_/6971870'	10	10	10	2.15	10	10	4.29 No	2.15	Thermal Discharging
SHP062	228	'6975379_/44028738'	10	10	10	2.15	10	10	4.29 No	2.15	Thermal Discharging
SHP062	229	'44029148_/44029150'	10	10	10	2.15	10	10	4.29 No	2.15	Thermal Discharging
SHP062	230	'6983627_/6983637'	3.33	3.33	3.33	0.72	0.5	3.33	1.43 No	0.5	Element Fault
SHP062	231	'7800251_/7800249_1'	10	10	10	2.15	1.4	10	4.29 No	1.4	Element Fault
SHP062	232	'6975380_/6975485_1'	10	10	10	2.15	1.4	10	4.29 No	1.4	Element Fault
SHP062	233	'44031166_/44031168'	3.33	3.33	3.33	0.72	0.4	3.33	1.43 No	0.4	Element Fault
SHP062	234	'6943971_/6943969'	10	10	10	2.15	10	10	4.29 No	2.15	Thermal Discharging
SHP062	235	'5598781_/5598778'	3.33	3.33	3.33	0.72	0.3	3.33	1.43 No	0.3	Element Fault
SHP062	236	'6971889_/6975431'	10	10	10	2.15	10	10	4.29 No	2.15	Thermal Discharging
SHP062	237	'7800252_/7800249_2'	10	10	10	2.15	1.4	10	4.29 No	1.4	Element Fault
SHP062	238	'44029347_/44029349'	10	10	10	2.15	10	10	4.29 No	2.15	Thermal Discharging
SHP062	239	'121202572_/121202569'	6.67	6.67	6.67	1.43	0.6	6.67	2.86 No	0.6	Element Fault
SHP062	240	'6971890_/6971887'	10	10	10	2.15	10	10	4.29 No	2.15	Thermal Discharging
SHP062	241	'6983789_/6983786_2'	3.33	3.33	3.33	0.72	0.4	3.33	1.43 No	0.4	Element Fault
SHP062	242	'6975396_/6975485_2'	10	10	10	2.15	1.4	10	4.29 No	1.4	Element Fault
SHP062	243	'6970574_/6970588'	10	10	10	2.15	10	10	4.29 No	2.15	Thermal Discharging
SHP062	244	'6971907_/6971904'	10	10	10	2.15	10	10	4.29 No	2.15	Thermal Discharging
SHP062	245	'6970557_/6970571'	10	10	10	2.15	10	10	4.29 No	2.15	Thermal Discharging
SHP062	246	'6971924_/6971921'	10	10	10	2.15	10	10	4.29 No	2.15	Thermal Discharging
SHP062	247	'5599883_/5599880'	3.33	3.33	3.33	0.72	0.5	3.33	1.43 No	0.5	Element Fault
SHP062	248	'44029135_/44029137'	10	10	10	2.15	10	10	4.29 No	2.15	Thermal Discharging
SHP062	249	'6984204_/6984164'	10	10	10	2.15	1.4	10	4.29 No	1.4	Element Fault
SHP062	250	'6971941_/6971938'	10	10	10	2.15	10	10	4.29 No	2.15	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SHP062	251	'44030268_/6975394'		10	10	10	2.15	1.4	10	4.29 No	1.4 Element Fault
SHP062	252	'5601244_/5601241'		3.33	3.33	3.33	0.72	0.3	3.33	1.43 No	0.3 Element Fault
SHP062	253	'6970523_/6970537'		10	10	10	2.15	10	10	4.29 No	2.15 Thermal Discharging
SHP062	254	'442514853_/7177273_1'		3.33	3.33	3.33	0.72	0.3	3.33	1.43 No	0.3 Element Fault
SHP062	255	'6971958_/6971955'		10	10	10	2.15	10	10	4.29 No	2.15 Thermal Discharging
SHP062	256	'5598810_/5598807'		3.33	3.33	3.33	0.72	0.3	3.33	1.43 No	0.3 Element Fault
SHP062	257	'6970506_/6970520'		10	10	10	2.15	10	10	4.29 No	2.15 Thermal Discharging
SHP062	258	'6987241_/6987238'		3.33	3.33	3.33	0.72	0.4	3.33	1.43 No	0.4 Element Fault
SHP062	259	'6986762_/44030377'		10	10	10	2.15	1.5	10	4.29 No	1.5 Element Fault
SHP062	260	'44029122_/44029124'		10	10	10	2.15	10	10	4.29 No	2.15 Thermal Discharging
SHP062	261	'6972520_/6972517'		10	10	10	2.15	10	10	4.29 No	2.15 Thermal Discharging
SHP062	262	'6987307_/6987304'		10	10	10	2.15	1.5	10	4.29 No	1.5 Element Fault
SHP062	263	'44031857_/44031859'		3.33	3.33	3.33	0.72	0.5	3.33	1.43 No	0.5 Element Fault
SHP062	264	'6977603_/6977617'		10	10	10	2.15	10	10	4.29 No	2.15 Thermal Discharging
SHP062	265	'6972554_/6972551'		10	10	10	2.15	10	10	4.29 No	2.15 Thermal Discharging
SHP062	266	'6983776_/6983786_1'		3.33	3.33	3.33	0.72	0.4	3.33	1.43 No	0.4 Element Fault
SHP062	267	'6972536_/6972568'		10	10	10	2.15	10	10	4.29 No	2.15 Thermal Discharging
SHP062	268	'6977586_/6977600'		10	10	10	2.15	10	10	4.29 No	2.15 Thermal Discharging
SHP062	269	'6972537_/6972534'		10	10	10	2.15	10	10	4.29 No	2.15 Thermal Discharging
SHP062	270	'471180616_/6980702_1'		10	10	10	2.15	10	10	4.29 No	2.15 Thermal Discharging
SHP062	271	'44029109_/44029111'		10	10	10	2.15	10	10	4.29 No	2.15 Thermal Discharging
SHP062	272	'7509002_/8450064_2'		10	10	10	2.15	0.5	10	4.29 No	0.5 Element Fault
SHP062	273	'6984224_/7177273_2'		3.33	3.33	3.33	0.72	0.3	3.33	1.43 No	0.3 Element Fault
SHP062	274	'6943938_/6943952'		10	10	10	2.15	10	10	4.29 No	2.15 Thermal Discharging
SHP062	275	'6988389_/6988386'		10	10	10	2.15	1.4	10	4.29 No	1.4 Element Fault
SHP062	276	'451596255_/7468071_1'		10	10	10	2.15	0.9	10	4.29 No	0.9 Element Fault
SHP062	277	'6943921_/6943935'		10	10	10	2.15	10	10	4.29 No	2.15 Thermal Discharging
SHP062	278	'7509003_/7509000'		10	10	10	2.15	0.5	10	4.29 No	0.5 Element Fault
SHP062	279	'6988442_/6988457'		10	10	10	2.15	1.4	10	4.29 No	1.4 Element Fault
SHP062	280	'44032075_/6986776'		10	10	10	2.15	1.5	10	4.29 No	1.5 Element Fault
SHP062	281	'43745926_/5601254'		3.33	3.33	3.33	0.72	0.3	3.33	1.43 No	0.3 Element Fault
SHP062	282	'44029096_/44029098'		10	10	10	2.15	10	10	4.29 No	2.15 Thermal Discharging
SHP062	283	'444401204_/7468071_2'		10	10	10	2.15	0.9	10	4.29 No	0.9 Element Fault
SHP062	284	'5598823_/5598820'		3.33	3.33	3.33	0.72	0.3	3.33	1.43 No	0.3 Element Fault
SHP062	285	'6975505_/44030270'		10	10	10	2.15	1.4	10	4.29 No	1.4 Element Fault
SHP062	286	'444401223_/444401245'		10	10	10	2.15	0.9	10	4.29 No	0.9 Element Fault
SHP062	287	'6943887_/6943901'		10	10	10	2.15	10	10	4.29 No	2.15 Thermal Discharging
SHP062	288	'6969381_/6969820'		3.33	3.33	3.33	0.72	1	3.33	1.43 No	0.72 Thermal Discharging
SHP062	289	'444401162_/444401276'		10	10	10	2.15	0.9	10	4.29 No	0.9 Element Fault
SHP062	290	'43745893_/43745895'		3.33	3.33	3.33	0.72	0.5	3.33	1.43 No	0.5 Element Fault
SHP062	291	'44029083_/6943884'		10	10	10	2.15	10	10	4.29 No	2.15 Thermal Discharging
SHP062	292	'6983763_/6983773'		3.33	3.33	3.33	0.72	0.4	3.33	1.43 No	0.4 Element Fault
SHP062	293	'6983601_/6983611'		3.33	3.33	3.33	0.72	0.5	3.33	1.43 No	0.5 Element Fault
SHP062	294	'44029069_/44029071'		10	10	10	2.15	10	10	4.29 No	2.15 Thermal Discharging
SHP062	295	'6987181_/44032077'		10	10	10	2.15	1.5	10	4.29 No	1.5 Element Fault
SHP062	296	'6981198_/6987251'		3.33	3.33	3.33	0.72	0.4	3.33	1.43 No	0.4 Element Fault
SHP062	297	'6943852_/6943850'		10	10	10	2.15	10	10	4.29 No	2.15 Thermal Discharging
SHP062	298	'8102893_/9345146_1'		10	10	10	2.15	0.9	10	4.29 No	0.9 Element Fault
SHP062	299	'6971347_/6973471'		10	10	10	2.15	10	10	4.29 No	2.15 Thermal Discharging
SHP062	300	'44032147_/44032162'		10	10	10	2.15	1.5	10	4.29 No	1.5 Element Fault
SHP062	301	'44031376_/6984222'		3.33	3.33	3.33	0.72	0.3	3.33	1.43 No	0.3 Element Fault
SHP062	302	'6973283_/6973280'		10	10	10	2.15	10	10	4.29 No	2.15 Thermal Discharging
SHP062	303	'44029056_/44029058'		10	10	10	2.15	10	10	4.29 No	2.15 Thermal Discharging
SHP062	304	'6971364_/125330259'		10	10	10	2.15	10	10	4.29 No	2.15 Thermal Discharging
SHP062	305	'6971330_/6971327_2'		10	10	10	2.15	10	10	4.29 No	2.15 Thermal Discharging
SHP062	306	'6973300_/6973297'		10	10	10	2.15	10	10	4.29 No	2.15 Thermal Discharging
SHP062	307	'6943836_/6971327_1'		10	10	10	2.15	10	10	4.29 No	2.15 Thermal Discharging
SHP062	308	'6971312_/6971310'		10	10	10	2.15	10	10	4.29 No	2.15 Thermal Discharging
SHP062	309	'5598836_/5598833'		3.33	3.33	3.33	0.72	0.3	3.33	1.43 No	0.3 Element Fault
SHP062	310	'5598852_/5598849'		3.33	3.33	3.33	0.72	0.3	3.33	1.43 No	0.3 Element Fault
SHP062	311	'6978218_/6978258'		10	10	10	2.15	10	10	4.29 No	2.15 Thermal Discharging
SHP062	312	'6981928_/7117743'		10	10	10	2.15	10	10	4.29 No	2.15 Thermal Discharging
SHP062	313	'44028762_/6969378'		3.33	3.33	3.33	0.72	1	3.33	1.43 No	0.72 Thermal Discharging
SHP062	314	'6943835_/6943833'		10	10	10	2.15	10	10	4.29 No	2.15 Thermal Discharging
SHP062	315	'388749710_/388749562'		3.33	3.33	3.33	0.72	0.5	3.33	1.43 No	0.5 Element Fault
SHP062	316	'6970228_/6978241'		10	10	10	2.15	10	10	4.29 No	2.15 Thermal Discharging
SHP062	317	'6987895_/6987892'		10	10	10	2.15	10	10	4.29 No	2.15 Thermal Discharging
SHP062	318	'6987327_/6987324'		10	10	10	2.15	1.5	10	4.29 No	1.5 Element Fault
SHP062	319	'6978278_/6978288_1'		3.33	3.33	3.33	0.72	0.5	3.33	1.43 No	0.5 Element Fault
SHP062	320	'44029043_/44029045'		10	10	10	2.15	10	10	4.29 No	2.15 Thermal Discharging
SHP062	321	'388749891_/388749751_1'		3.33	3.33	3.33	0.72	0.3	3.33	1.43 No	0.3 Element Fault
SHP062	322	'44031155_/6983760'		3.33	3.33	3.33	0.72	0.4	3.33	1.43 No	0.4 Element Fault
SHP062	323	'6970227_/6970225'		10	10	10	2.15	10	10	4.29 No	2.15 Thermal Discharging
SHP062	324	'6981721_/6981718_2'		10	10	10	2.15	3.1	10	4.29 No	2.15 Thermal Discharging
SHP062	325	'6982106_/6982104_1'		6.67	6.67	6.67	1.43	1.5	6.67	2.86 No	1.43 Thermal Discharging
SHP062	326	'6987912_/6987909'		10	10	10	2.15	10	10	4.29 No	2.15 Thermal Discharging
SHP062	327	'6971157_/6971171'		10	10	10	2.15	10	10	4.29 No	2.15 Thermal Discharging
SHP062	328	'6971156_/6971154'		10	10	10	2.15	10	10	4.29 No	2.15 Thermal Discharging
SHP062	329	'6975748_/6988210'		10	10	10	2.15	10	10	4.29 No	2.15 Thermal Discharging
SHP062	330	'6975204_/6975234'		10	10	10	2.15	10	10	4.29 No	2.15 Thermal Discharging
SHP062	331	'431993169_/6978288_2'		3.33	3.33	3.33	0.72	0.5	3.33	1.43 No	0.5 Element Fault
SHP062	332	'6970211_/6975214'		10	10	10	2.15	10	10	4.29 No	2.15 Thermal Discharging
SHP062	333	'44029030_/44029032'		10	10	10	2.15	10	10	4.29 No	2.15 Thermal Discharging
SHP062	334	'9345149_/9345146_2'		10	10	10	2.15	0.9	10	4.29 No	0.9 Element Fault
SHP062	335	'6975747_/6975745_2'		10	10	10	2.15	4.6	10	4.29 No	2.15 Thermal Discharging
SHP062	336	'6970194_/6970208'		10	10	10	2.15	10	10	4.29 No	2.15 Thermal Discharging
SHP062	337	'229901989_/444401166'		10	10	10	2.15	0.9	10	4.29 No	0.9 Element Fault
SHP062	338	'6975771_/6975781_1'		3.33	3.33	3.33	0.72	0.5	3.33	1.43 No	0.5 Element Fault
SHP062	339	'6943802_/6943816'		10	10	10	2.15	10	10	4.29 No	2.15 Thermal Discharging
SHP062	340	'5601188_/5601186'		3.33	3.33	3.33	0.72	0.5	3.33	1.43 No	0.5 Element Fault
SHP062	341	'6981894_/6975745_1'		10	10	10	2.15	1.5	10	4.29 No	1.5 Element Fault
SHP062	342	'6970177_/6970191'		10	10	10	2.15	10	10	4.29 No	2.15 Thermal Discharging
SHP062	343	'6983588_/6983598'		3.33	3.33	3.33	0.72	0.5	3.33	1.43 No	0.5 Element Fault
SHP062	344	'49962255_/44027769_2'		3.33	3.33	3.33	0.72	1	3.33	1.43 No	0.72 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SHP062	345	'6943785_/_6943799'		10	10	10	2.15	10	10	4.29 No	2.15 Thermal Discharging
SHP062	346	'6970160_/_6970174'		10	10	10	2.15	10	10	4.29 No	2.15 Thermal Discharging
SHP062	347	'6981199_/_6981196'	3.33	3.33	3.33	0.72	0.4	3.33	1.43 No	0.4 Element Fault	
SHP062	348	'6944238_/_6970157'		10	10	10	2.15	10	10	4.29 No	2.15 Thermal Discharging
SHP062	349	'44030632_/_6981718_1'		10	10	10	2.15	1.4	10	4.29 No	1.4 Element Fault
SHP062	350	'44029017_/_6943782'		10	10	10	2.15	10	10	4.29 No	2.15 Thermal Discharging
SHP062	351	'6943764_/_6943762'		10	10	10	2.15	10	10	4.29 No	2.15 Thermal Discharging
SHP062	352	'6944191_/_6944235'		10	10	10	2.15	10	10	4.29 No	2.15 Thermal Discharging
SHP062	353	'6944220_/_6944218'		10	10	10	2.15	10	10	4.29 No	2.15 Thermal Discharging
SHP062	354	'449918172_/_6971222'		10	10	10	2.15	10	10	4.29 No	2.15 Thermal Discharging
SHP062	355	'6944192_/_6944205_1'	3.33	3.33	3.33	0.72	0.5	3.33	1.43 No	0.5 Element Fault	
SHP062	356	'6981877_/_6981891'		10	10	10	2.15	1.5	10	4.29 No	1.5 Element Fault
SHP062	357	'8102931_/_8102928'		10	10	10	2.15	0.9	10	4.29 No	0.9 Element Fault
SHP062	358	'6967177_/_6978215'	3.33	3.33	3.33	0.72	0.5	3.33	1.43 No	0.5 Element Fault	
SHP062	359	'6970142_/_6970140'		10	10	10	2.15	10	10	4.29 No	2.15 Thermal Discharging
SHP062	360	'6978291_/_6978288_3'	3.33	3.33	3.33	0.72	0.5	3.33	1.43 No	0.5 Element Fault	
SHP062	361	'6971207_/_6971205'		10	10	10	2.15	10	10	4.29 No	2.15 Thermal Discharging
SHP062	362	'5601273_/_43745928'	3.33	3.33	3.33	0.72	0.3	3.33	1.43 No	0.3 Element Fault	
SHP062	363	'6987344_/_6987341'		10	10	10	2.15	1.5	10	4.29 No	1.5 Element Fault
SHP062	364	'6996965_/_7117726_2'		10	10	10	2.15	10	10	4.29 No	2.15 Thermal Discharging
SHP062	365	'44027767_/_44027769_1'	3.33	3.33	3.33	0.72	0.5	3.33	1.43 No	0.5 Element Fault	
SHP062	366	'6982107_/_6982104_2'	6.67	6.67	6.67	1.43	1.5	6.67	2.86 No	1.43 Thermal Discharging	
SHP062	367	'6980086_/_6980083'		10	10	10	2.15	10	10	4.29 No	2.15 Thermal Discharging
SHP062	368	'44030719_/_6975781_2'	3.33	3.33	3.33	0.72	0.5	3.33	1.43 No	0.5 Element Fault	
SHP062	369	'6975136_/_6975133_2'	3.33	3.33	3.33	0.72	0.5	3.33	1.43 No	0.5 Element Fault	
SHP062	370	'325386334_/_9043491'		10	10	10	2.15	10	10	4.29 No	2.15 Thermal Discharging
SHP062	371	'325386086_/_37996201'		10	10	10	2.15	10	10	4.29 No	2.15 Thermal Discharging
SHP062	372	'325386326_/_37996194'		10	10	10	2.15	10	10	4.29 No	2.15 Thermal Discharging
SHP062	373	'325386342_/_37996208'		10	10	10	2.15	4.6	10	4.29 No	2.15 Thermal Discharging
SHP062	374	'325386348_/_37996215'		10	10	10	2.15	4.9	10	4.29 No	2.15 Thermal Discharging
SHP062	375	'43745904_/_5601202'	3.33	3.33	3.33	0.72	0.5	3.33	1.43 No	0.5 Element Fault	
SHP062	376	'44030294_/_6980902'	6.67	6.67	6.67	1.43	2.2	6.67	2.86 No	1.43 Thermal Discharging	
SHP062	377	'6981703_/_6981701'		10	10	10	2.15	1.4	10	4.29 No	1.4 Element Fault
SHP062	378	'44030671_/_44030673'		10	10	10	2.15	1.5	10	4.29 No	1.5 Element Fault
SHP062	379	'6980905_/_6981033_1'	6.67	6.67	6.67	1.43	1.1	6.67	2.86 No	1.1 Element Fault	
SHP062	380	'44031868_/_44031870'	3.33	3.33	3.33	0.72	0.5	3.33	1.43 No	0.5 Element Fault	
SHP062	381	'44032173_/_6987736'		10	10	10	2.15	1.4	10	4.29 No	1.4 Element Fault
SHP062	382	'388749732_/_388749751_2'	3.33	3.33	3.33	0.72	0.3	3.33	1.43 No	0.3 Element Fault	
SHP062	383	'6944208_/_6944205_2'	3.33	3.33	3.33	0.72	0.5	3.33	1.43 No	0.5 Element Fault	
SHP062	384	'44032392_/_6989556'	6.67	6.67	6.67	1.43	1.5	6.67	2.86 No	1.43 Thermal Discharging	
SHP062	385	'44029896_/_6978301'	3.33	3.33	3.33	0.72	0.5	3.33	1.43 No	0.5 Element Fault	
SHP062	386	'340329099_/_340329103'		10	10	10	2.15	4.6	10	4.29 No	2.15 Thermal Discharging
SHP062	387	'340329054_/_340329058'		10	10	10	2.15	4.6	10	4.29 No	2.15 Thermal Discharging
SHP062	388	'6987361_/_6987358'		10	10	10	2.15	1.5	10	4.29 No	1.5 Element Fault
SHP062	389	'6975135_/_6975133_1'	3.33	3.33	3.33	0.72	0.5	3.33	1.43 No	0.5 Element Fault	
SHP062	390	'44027778_/_44027780'	3.33	3.33	3.33	0.72	0.5	3.33	1.43 No	0.5 Element Fault	
SHP062	391	'6982293_/_6982290'	3.33	3.33	3.33	0.72	0.5	3.33	1.43 No	0.5 Element Fault	
SHP062	392	'6981843_/_6981857'		10	10	10	2.15	1.5	10	4.29 No	1.5 Element Fault
SHP062	393	'5601205_/_43745906'	3.33	3.33	3.33	0.72	0.5	3.33	1.43 No	0.5 Element Fault	
SHP062	394	'6983549_/_6983572'	3.33	3.33	3.33	0.72	0.5	3.33	1.43 No	0.5 Element Fault	
SHP062	395	'6981036_/_6981033_2'	6.67	6.67	6.67	1.43	1.1	6.67	2.86 No	1.1 Element Fault	
SHP062	396	'6988990_/_6989004'		10	10	10	2.15	1.4	10	4.29 No	1.4 Element Fault
SHP062	397	'44027999_/_6967510'	3.33	3.33	3.33	0.72	0.5	3.33	1.43 No	0.5 Element Fault	
SHP062	398	'44029885_/_44029898'	3.33	3.33	3.33	0.72	0.5	3.33	1.43 No	0.5 Element Fault	
SHP062	399	'6987378_/_6987375'		10	10	10	2.15	1.5	10	4.29 No	1.5 Element Fault
SHP062	400	'44030658_/_44030660'		10	10	10	2.15	1.5	10	4.29 No	1.5 Element Fault
SHP062	401	'6989543_/_44032394'	6.67	6.67	6.67	1.43	1.5	6.67	2.86 No	1.43 Thermal Discharging	
SHP062	402	'6967151_/_6967161'	3.33	3.33	3.33	0.72	0.5	3.33	1.43 No	0.5 Element Fault	
SHP062	403	'6981826_/_6981823_2'		10	10	10	2.15	1.5	10	4.29 No	1.5 Element Fault
SHP062	404	'6982306_/_6982303'	3.33	3.33	3.33	0.72	0.5	3.33	1.43 No	0.5 Element Fault	
SHP062	405	'6981005_/_6981048'		6.67	6.67	1.43	1.1	6.67	2.86 No	1.1 Element Fault	
SHP062	406	'6967603_/_6978228'	3.33	3.33	3.33	0.72	0.5	3.33	1.43 No	0.5 Element Fault	
SHP062	407	'6983536_/_6983546'	3.33	3.33	3.33	0.72	0.5	3.33	1.43 No	0.5 Element Fault	
SHP062	408	'6988989_/_6988987'		10	10	10	2.15	1.4	10	4.29 No	1.4 Element Fault
SHP062	409	'44029229_/_44029231'	3.33	3.33	3.33	0.72	0.5	3.33	1.43 No	0.5 Element Fault	
SHP062	410	'6967526_/_44028001'	3.33	3.33	3.33	0.72	0.5	3.33	1.43 No	0.5 Element Fault	
SHP062	411	'6981809_/_6981823_1'		10	10	10	2.15	1.5	10	4.29 No	1.5 Element Fault
SHP062	412	'6975123_/_6975162'	3.33	3.33	3.33	0.72	0.5	3.33	1.43 No	0.5 Element Fault	
SHP062	413	'6982142_/_6989541'	6.67	6.67	6.67	1.43	1.5	6.67	2.86 No	1.43 Thermal Discharging	
SHP062	414	'44032313_/_6989081'	3.33	3.33	3.33	0.72	0.5	3.33	1.43 No	0.5 Element Fault	
SHP062	415	'44027789_/_44027791'	3.33	3.33	3.33	0.72	0.5	3.33	1.43 No	0.5 Element Fault	
SHP062	416	'44030339_/_6981018'	6.67	6.67	6.67	1.43	1.1	6.67	2.86 No	1.1 Element Fault	
SHP062	417	'44028080_/_6967601'	3.33	3.33	3.33	0.72	0.5	3.33	1.43 No	0.5 Element Fault	
SHP062	418	'44032346_/_6989237'		10	10	10	2.15	1.4	10	4.29 No	1.4 Element Fault
SHP062	419	'6981792_/_6981806'		10	10	10	2.15	1.5	10	4.29 No	1.5 Element Fault
SHP062	420	'6987395_/_6987392'		10	10	10	2.15	1.5	10	4.29 No	1.5 Element Fault
SHP062	421	'6975110_/_6975120'	3.33	3.33	3.33	0.72	0.5	3.33	1.43 No	0.5 Element Fault	
SHP062	422	'44031879_/_6983533'	3.33	3.33	3.33	0.72	0.5	3.33	1.43 No	0.5 Element Fault	
SHP062	423	'6967539_/_6967536'	3.33	3.33	3.33	0.72	0.5	3.33	1.43 No	0.5 Element Fault	
SHP062	424	'339010291_/_339010295'		10	10	10	2.15	4.6	10	4.29 No	2.15 Thermal Discharging
SHP062	425	'325386633_/_645905843'		10	10	10	2.15	4.9	10	4.29 No	2.15 Thermal Discharging
SHP062	426	'119817681_/_6975149_1'	3.33	3.33	3.33	0.72	0.3	3.33	1.43 No	0.3 Element Fault	
SHP062	427	'339010336_/_339010381'		10	10	10	2.15	4.6	10	4.29 No	2.15 Thermal Discharging
SHP062	428	'339010246_/_339010355'		10	10	10	2.15	4.6	10	4.29 No	2.15 Thermal Discharging
SHP062	429	'6967031_/_6975107'	3.33	3.33	3.33	0.72	0.5	3.33	1.43 No	0.5 Element Fault	
SHP062	430	'325385144_/_325385163'		10	10	10	2.15	4.6	10	4.29 No	2.15 Thermal Discharging
SHP062	431	'44027800_/_6967135'	3.33	3.33	3.33	0.72	0.5	3.33	1.43 No	0.5 Element Fault	
SHP062	432	'6975152_/_6975149_2'	3.33	3.33	3.33	0.72	0.3	3.33	1.43 No	0.3 Element Fault	
SHP062	433	'718681384_/_6989254_2'		10	10	10	2.15	1.4	10	4.29 No	1.4 Element Fault
SHP062	434	'44030730_/_6982140'	6.67	6.67	6.67	1.43	1.5	6.67	2.86 No	1.43 Thermal Discharging	
SHP062	435	'44028010_/_6967549'	3.33	3.33	3.33	0.72	0.5	3.33	1.43 No	0.5 Element Fault	
SHP062	436	'6981687_/_6989254_1'		10	10	10	2.15	1.4	10	4.29 No	1.4 Element Fault
SHP062	437	'6967617_/_44028082'	3.33	3.33	3.33	0.72	0.5	3.33	1.43 No	0.5 Element Fault	
SHP062	438	'44030645_/_44030647'		10	10	10	2.15	1.5	10	4.29 No	1.5 Element Fault

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
				Deviation						VSR (MW)	Limiting Threshold
SHP062	439	'6980926_/_6980923'	6.67	6.67	6.67	6.67	1.43	1.1	6.67	2.86 No	1.1 Element Fault
SHP062	440	'6987412_/_6987409'	10	10	10	10	2.15	1.5	10	4.29 No	1.5 Element Fault
SHP062	441	'383366141_/_325385273_1'	10	10	10	10	2.15	4.6	10	4.29 No	2.15 Thermal Discharging
SHP062	442	'6980977_/_6980987_1'	3.33	3.33	3.33	3.33	0.72	0.3	3.33	1.43 No	0.3 Element Fault
SHP062	443	'6983523_/_6983559'	3.33	3.33	3.33	3.33	0.72	0.5	3.33	1.43 No	0.5 Element Fault
SHP062	444	'6989097_/_44032315'	3.33	3.33	3.33	3.33	0.72	0.5	3.33	1.43 No	0.5 Element Fault
SHP062	445	'6967018_/_6967028'	3.33	3.33	3.33	3.33	0.72	0.5	3.33	1.43 No	0.5 Element Fault
SHP062	446	'6983510_/_6983507_2'	3.33	3.33	3.33	3.33	0.72	0.5	3.33	1.43 No	0.5 Element Fault
SHP062	447	'6981758_/_6981772'	10	10	10	10	2.15	1.5	10	4.29 No	1.5 Element Fault
SHP062	448	'6980944_/_6980956'	6.67	6.67	6.67	6.67	1.43	1.1	6.67	2.86 No	1.1 Element Fault
SHP062	449	'6967565_/_6967562'	3.33	3.33	3.33	3.33	0.72	0.5	3.33	1.43 No	0.5 Element Fault
SHP062	450	'6967630_/_6967627'	3.33	3.33	3.33	3.33	0.72	0.5	3.33	1.43 No	0.5 Element Fault
SHP062	451	'6981738_/_6981755'	10	10	10	10	2.15	1.5	10	4.29 No	1.5 Element Fault
SHP062	452	'6967112_/_6967122'	3.33	3.33	3.33	3.33	0.72	0.5	3.33	1.43 No	0.5 Element Fault
SHP062	453	'6982158_/_44030732'	6.67	6.67	6.67	6.67	1.43	1.5	6.67	2.86 No	1.43 Thermal Discharging
SHP062	454	'44030452_/_6987426'	10	10	10	10	2.15	1.5	10	4.29 No	1.5 Element Fault
SHP062	455	'6967017_/_6967015'	3.33	3.33	3.33	3.33	0.72	0.5	3.33	1.43 No	0.5 Element Fault
SHP062	456	'6975622_/_6980987_2'	3.33	3.33	3.33	3.33	0.72	0.3	3.33	1.43 No	0.3 Element Fault
SHP062	457	'6987589_/_6989107'	3.33	3.33	3.33	3.33	0.72	0.5	3.33	1.43 No	0.5 Element Fault
SHP062	458	'6980803_/_6980941'	6.67	6.67	6.67	6.67	1.43	1.1	6.67	2.86 No	1.1 Element Fault
SHP062	459	'6977782_/_6977779'	3.33	3.33	3.33	3.33	0.72	0.5	3.33	1.43 No	0.5 Element Fault
SHP062	460	'6967099_/_6967109'	3.33	3.33	3.33	3.33	0.72	0.5	3.33	1.43 No	0.5 Element Fault
SHP062	461	'6969367_/_6969365'	3.33	3.33	3.33	3.33	0.72	1	3.33	1.43 No	0.72 Thermal Discharging
SHP062	462	'6989307_/_6981735'	10	10	10	10	2.15	1.5	10	4.29 No	1.5 Element Fault
SHP062	463	'6989324_/_6989322'	10	10	10	10	2.15	1.5	10	4.29 No	1.5 Element Fault
SHP062	464	'7468093_/_8410786_2'	10	10	10	10	2.15	1.5	10	4.29 No	1.5 Element Fault
SHP062	465	'44028091_/_6967640'	3.33	3.33	3.33	3.33	0.72	0.5	3.33	1.43 No	0.5 Element Fault
SHP062	466	'6987446_/_6987443'	10	10	10	10	2.15	1.5	10	4.29 No	1.5 Element Fault
SHP062	467	'50429563_/_50429531_1'	6.67	6.67	6.67	6.67	1.43	0.6	6.67	2.86 No	0.6 Element Fault
SHP062	468	'6970608_/_44029176'	3.33	3.33	3.33	3.33	0.72	0.5	3.33	1.43 No	0.5 Element Fault
SHP062	469	'44030777_/_6987587'	3.33	3.33	3.33	3.33	0.72	0.5	3.33	1.43 No	0.5 Element Fault
SHP062	470	'6967086_/_6967096'	3.33	3.33	3.33	3.33	0.72	0.5	3.33	1.43 No	0.5 Element Fault
SHP062	471	'8410789_/_8410786_1'	10	10	10	10	2.15	0.9	10	4.29 No	0.9 Element Fault
SHP062	472	'44030306_/_6975620'	3.33	3.33	3.33	3.33	0.72	0.3	3.33	1.43 No	0.3 Element Fault
SHP062	473	'50429534_/_50429531_2'	6.67	6.67	6.67	6.67	1.43	0.6	6.67	2.86 No	0.6 Element Fault
SHP062	474	'44028751_/_6969807'	3.33	3.33	3.33	3.33	0.72	1	3.33	1.43 No	0.72 Thermal Discharging
SHP062	475	'6975623_/_7166015_1'	3.33	3.33	3.33	3.33	0.72	0.3	3.33	1.43 No	0.3 Element Fault
SHP062	476	'6982173_/_6982170'	6.67	6.67	6.67	6.67	1.43	1.5	6.67	2.86 No	1.43 Thermal Discharging
SHP062	477	'6977351_/_6980800'	6.67	6.67	6.67	6.67	1.43	1.1	6.67	2.86 No	1.1 Element Fault
SHP062	478	'6967656_/_44028093'	3.33	3.33	3.33	3.33	0.72	0.5	3.33	1.43 No	0.5 Element Fault
SHP062	479	'6987463_/_6987460'	10	10	10	10	2.15	1.5	10	4.29 No	1.5 Element Fault
SHP062	480	'6977363_/_6977361_1'	6.67	6.67	6.67	6.67	1.43	0.6	6.67	2.86 No	0.6 Element Fault
SHP062	481	'44027811_/_6967083'	3.33	3.33	3.33	3.33	0.72	0.5	3.33	1.43 No	0.5 Element Fault
SHP062	482	'9345117_/_9345130_1'	3.33	3.33	3.33	3.33	0.72	0.3	3.33	1.43 No	0.3 Element Fault
SHP062	483	'44029251_/_6977792'	3.33	3.33	3.33	3.33	0.72	0.5	3.33	1.43 No	0.5 Element Fault
SHP062	484	'6977350_/_6978680_2'	3.33	3.33	3.33	3.33	0.72	0.55	3.33	1.43 No	0.55 Element Fault
SHP062	485	'6967669_/_6967666'	3.33	3.33	3.33	3.33	0.72	0.5	3.33	1.43 No	0.5 Element Fault
SHP062	486	'6982318_/_44030779'	3.33	3.33	3.33	3.33	0.72	0.5	3.33	1.43 No	0.5 Element Fault
SHP062	487	'7166018_/_7166015_2'	3.33	3.33	3.33	3.33	0.72	0.3	3.33	1.43 No	0.3 Element Fault
SHP062	488	'6987480_/_6987477'	10	10	10	10	2.15	1.5	10	4.29 No	1.5 Element Fault
SHP062	489	'6969784_/_6969794'	3.33	3.33	3.33	3.33	0.72	1	3.33	1.43 No	0.72 Thermal Discharging
SHP062	490	'6977364_/_6977361_2'	6.67	6.67	6.67	6.67	1.43	0.6	6.67	2.86 No	0.6 Element Fault
SHP062	491	'6967057_/_6967070'	3.33	3.33	3.33	3.33	0.72	0.5	3.33	1.43 No	0.5 Element Fault
SHP062	492	'6977426_/_6977437'	3.33	3.33	3.33	3.33	0.72	0.5	3.33	1.43 No	0.5 Element Fault
SHP062	493	'44032219_/_6988705'	6.67	6.67	6.67	6.67	1.43	1.5	6.67	2.86 No	1.43 Thermal Discharging
SHP062	494	'44029262_/_6978680_1'	3.33	3.33	3.33	3.33	0.72	0.3	3.33	1.43 No	0.3 Element Fault
SHP062	495	'6981433_/_6987494'	10	10	10	10	2.15	1.5	10	4.29 No	1.5 Element Fault
SHP062	496	'6982319_/_6982316'	3.33	3.33	3.33	3.33	0.72	0.5	3.33	1.43 No	0.5 Element Fault
SHP062	497	'6980862_/_7166026'	3.33	3.33	3.33	3.33	0.72	0.3	3.33	1.43 No	0.3 Element Fault
SHP062	498	'6967682_/_6967679_1'	3.33	3.33	3.33	3.33	0.72	0.5	3.33	1.43 No	0.5 Element Fault
SHP062	499	'9345133_/_9345130_2'	3.33	3.33	3.33	3.33	0.72	0.3	3.33	1.43 No	0.3 Element Fault
SHP062	500	'34589104_/_6980860_1'	3.33	3.33	3.33	3.33	0.72	0.3	3.33	1.43 No	0.3 Element Fault
SHP062	501	'6982187_/_44032221'	6.67	6.67	6.67	6.67	1.43	1.5	6.67	2.86 No	1.43 Thermal Discharging
SHP062	502	'44028102_/_6967679_2'	3.33	3.33	3.33	3.33	0.72	0.5	3.33	1.43 No	0.5 Element Fault
SHP062	503	'6969768_/_6969781'	3.33	3.33	3.33	3.33	0.72	1	3.33	1.43 No	0.72 Thermal Discharging
SHP062	504	'44029977_/_6978650'	6.67	6.67	6.67	6.67	1.43	0.6	6.67	2.86 No	0.6 Element Fault
SHP062	505	'6967577_/_6977424'	3.33	3.33	3.33	3.33	0.72	0.5	3.33	1.43 No	0.5 Element Fault
SHP062	506	'44027822_/_44027824'	3.33	3.33	3.33	3.33	0.72	0.5	3.33	1.43 No	0.5 Element Fault
SHP062	507	'6978653_/_6978665_1'	6.67	6.67	6.67	6.67	1.43	0.6	6.67	2.86 No	0.6 Element Fault
SHP062	508	'6981434_/_6981431'	10	10	10	10	2.15	1.5	10	4.29 No	1.5 Element Fault
SHP062	509	'6980863_/_6980860_2'	3.33	3.33	3.33	3.33	0.72	0.3	3.33	1.43 No	0.3 Element Fault
SHP062	510	'44030788_/_6982329'	3.33	3.33	3.33	3.33	0.72	0.5	3.33	1.43 No	0.5 Element Fault
SHP062	511	'6967591_/_6970878'	3.33	3.33	3.33	3.33	0.72	0.3	3.33	1.43 No	0.3 Element Fault
SHP062	512	'6969767_/_6969765'	3.33	3.33	3.33	3.33	0.72	1	3.33	1.43 No	0.72 Thermal Discharging
SHP062	513	'44030328_/_6980873'	3.33	3.33	3.33	3.33	0.72	0.3	3.33	1.43 No	0.3 Element Fault
SHP062	514	'6967695_/_44028104'	3.33	3.33	3.33	3.33	0.72	0.5	3.33	1.43 No	0.5 Element Fault
SHP062	515	'44030582_/_6981566'	10	10	10	10	2.15	1.5	10	4.29 No	1.5 Element Fault
SHP062	516	'44028021_/_6967575'	3.33	3.33	3.33	3.33	0.72	0.5	3.33	1.43 No	0.5 Element Fault
SHP062	517	'6967997_/_6978665_2'	6.67	6.67	6.67	6.67	1.43	0.6	6.67	2.86 No	0.6 Element Fault
SHP062	518	'61697476_/_53665164_1'	10	10	10	10	2.15	0.9	10	4.29 No	0.9 Element Fault
SHP062	519	'6982188_/_6982185'	6.67	6.67	6.67	6.67	1.43	1.5	6.67	2.86 No	1.43 Thermal Discharging
SHP062	520	'6967043_/_44027835'	3.33	3.33	3.33	3.33	0.72	0.5	3.33	1.43 No	0.5 Element Fault
SHP062	521	'6967590_/_6967588'	3.33	3.33	3.33	3.33	0.72	0.3	3.33	1.43 No	0.3 Element Fault
SHP062	522	'6982345_/_44030790'	3.33	3.33	3.33	3.33	0.72	0.5	3.33	1.43 No	0.5 Element Fault
SHP062	523	'6980849_/_44030330'	3.33	3.33	3.33	3.33	0.72	0.3	3.33	1.43 No	0.3 Element Fault
SHP062	524	'37996357_/_53665164_2'	10	10	10	10	2.15	0.9	10	4.29 No	0.9 Element Fault
SHP062	525	'37996344_/_37996355'	10	10	10	10	2.15	0.9	10	4.29 No	0.9 Element Fault
SHP062	526	'404909110_/_37996348'	10	10	10	10	2.15	0.9	10	4.29 No	0.9 Element Fault
SHP062	527	'37996365_/_37996369'	10	10	10	10	2.15	0.9	10	4.29 No	0.9 Element Fault
SHP062	528	'37996337_/_37996341'	10	10	10	10	2.15	0.9	10	4.29 No	0.9 Element Fault
SHP062	529	'7468147_/_7468165'	10	10	10	10	2.15	0.9	10	4.29 No	0.9 Element Fault
SHP062	530	'7468113_/_7468145'	10	10	10	10	2.15	0.9	10	4.29 No	0.9 Element Fault
SHP062	531	'6967708_/_6967705'	3.33	3.33	3.33	3.33	0.72	0.5	3.33	1.43 No	0.5 Element Fault
SHP062	532	'6967998_/_6967995'	6.67	6.67	6.67	6.67	1.43	0.6	6.67	2.86 No	0.6 Element Fault

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SHP062	533	'6970673_/_44028023'		3.33	3.33	3.33	0.72	0.5	3.33	1.43 No	0.5 Element Fault
SHP062	534	'7468130_/_7468127'		6.07	6.67	6.67	1.43	0.6	6.67	2.86 No	0.6 Element Fault
SHP062	535	'44030742_/_6982200'		6.67	6.67	6.67	1.43	1.5	6.67	2.86 No	1.43 Thermal Discharging
SHP062	536	'6970685_/_6970826'		3.33	3.33	3.33	0.72	0.5	3.33	1.43 No	0.5 Element Fault
SHP062	537	'44030351_/_6980847'		3.33	3.33	3.33	0.72	0.3	3.33	1.43 No	0.3 Element Fault
SHP062	538	'6987215_/_6987212'		3.33	3.33	3.33	0.72	0.5	3.33	1.43 No	0.5 Element Fault
SHP062	539	'8410769_/_8410766'		8.9	10	10	2.15	0.9	10	4.29 No	0.9 Element Fault
SHP062	540	'44028032_/_6968010'		6.67	6.67	6.67	1.43	0.6	6.67	2.86 No	0.6 Element Fault
SHP062	541	'44028113_/_6967856'		3.33	3.33	3.33	0.72	0.5	3.33	1.43 No	0.5 Element Fault
SHP062	542	'6982218_/_6982215'		6.67	6.67	6.67	1.43	1.5	6.67	2.86 No	1.43 Thermal Discharging
SHP062	543	'6970686_/_6970683_1'		3.33	3.33	3.33	0.72	0.5	3.33	1.43 No	0.5 Element Fault
SHP062	544	'40955046_/_9061053'		5.9	10	10	2.15	0.9	10	4.29 No	0.9 Element Fault
SHP062	545	'6982233_/_6982230'		6.67	6.67	6.67	1.43	1.5	6.67	2.86 No	1.43 Thermal Discharging
SHP062	546	'44029196_/_6970683_2'		3.33	3.33	3.33	0.72	0.5	3.33	1.43 No	0.5 Element Fault
SHP062	547	'6975610_/_6975607'		3.33	3.33	3.33	0.72	0.3	3.33	1.43 No	0.3 Element Fault
SHP062	548	'343795568_/_44028034'		6.67	6.67	6.67	1.43	0.6	6.67	2.86 No	0.6 Element Fault
SHP062	549	'44032381_/_6989515'		3.33	3.33	3.33	0.72	0.5	3.33	1.43 No	0.5 Element Fault
SHP062	550	'6977396_/_343795570'		6.67	6.67	6.67	1.43	0.6	6.67	2.86 No	0.6 Element Fault
SHP062	551	'6967872_/_44028115'		3.33	3.33	3.33	0.72	0.3	3.33	1.43 No	0.5 Element Fault
SHP062	552	'6970699_/_44029198'		3.33	3.33	3.33	0.72	0.5	3.33	1.43 No	0.5 Element Fault
SHP062	553	'44030317_/_6980818'		3.33	3.33	3.33	0.72	0.3	3.33	1.43 No	0.3 Element Fault
SHP062	554	'44030754_/_6982245'		6.67	6.67	6.67	1.43	1.5	6.67	2.86 No	1.43 Thermal Discharging
SHP062	555	'6988616_/_44032383'		3.33	3.33	3.33	0.72	0.5	3.33	1.43 No	0.5 Element Fault
SHP062	556	'44028124_/_6967882'		3.33	3.33	3.33	0.72	0.5	3.33	1.43 No	0.5 Element Fault
SHP062	557	'6967720_/_6977394'		6.67	6.67	6.67	1.43	0.6	6.67	2.86 No	0.6 Element Fault
SHP062	558	'6970712_/_6970709'		3.33	3.33	3.33	0.72	0.5	3.33	1.43 No	0.5 Element Fault
SHP062	559	'6982263_/_6982260'		6.67	6.67	6.67	1.43	1.5	6.67	2.86 No	1.43 Thermal Discharging
SHP062	560	'44028129_/_44028126'		3.33	3.33	3.33	0.72	0.5	3.33	1.43 No	0.5 Element Fault
SHP062	561	'44030322_/_44030319'		3.33	3.33	3.33	0.72	0.3	3.33	1.43 No	0.3 Element Fault
SHP062	562	'44030799_/_6988614'		3.33	3.33	3.33	0.72	0.5	3.33	1.43 No	0.5 Element Fault
SHP062	563	'66640541_/_66640548'		1.67	3.33	3.33	0.72	0.3	3.33	1.43 No	0.3 Element Fault
SHP062	564	'44028044_/_6967718'		6.67	6.67	6.67	1.43	0.6	6.67	2.86 No	0.6 Element Fault
SHP062	565	'6982278_/_6982275'		6.67	6.67	6.67	1.43	1.5	6.67	2.86 No	1.43 Thermal Discharging
SHP062	566	'44029207_/_6970722'		3.33	3.33	3.33	0.72	0.5	3.33	1.43 No	0.5 Element Fault
SHP062	567	'6982358_/_6982355'		3.33	3.33	3.33	0.72	0.5	3.33	1.43 No	0.5 Element Fault
SHP062	568	'6982891_/_6982888'		6.67	6.67	6.67	1.43	1.5	6.67	2.86 No	1.43 Thermal Discharging
SHP062	569	'6967736_/_44028046'		6.67	6.67	6.67	1.43	0.6	6.67	2.86 No	0.6 Element Fault
SHP062	570	'6970738_/_44029209'		3.33	3.33	3.33	0.72	0.5	3.33	1.43 No	0.5 Element Fault
SHP062	571	'44030810_/_6982368'		3.33	3.33	3.33	0.72	0.5	3.33	1.43 No	0.5 Element Fault
SHP062	572	'44030766_/_6982903'		6.67	6.67	6.67	1.43	1.5	6.67	2.86 No	1.43 Thermal Discharging
SHP062	573	'6967751_/_6967748'		6.67	6.67	6.67	1.43	0.6	6.67	2.86 No	0.6 Element Fault
SHP062	574	'7468114_/_7468111'		3.33	3.33	3.33	0.72	0.3	3.33	1.43 No	0.3 Element Fault
SHP062	575	'6970751_/_6970748'		3.33	3.33	3.33	0.72	0.5	3.33	1.43 No	0.5 Element Fault
SHP062	576	'6967766_/_6967763'		6.67	6.67	6.67	1.43	0.6	6.67	2.86 No	0.6 Element Fault
SHP062	577	'44030921_/_44030768'		3.33	3.33	3.33	0.72	0.75	3.33	1.43 No	0.72 Thermal Discharging
SHP062	578	'6982384_/_44030812'		3.33	3.33	3.33	0.72	0.5	3.33	1.43 No	0.5 Element Fault
SHP062	579	'44029218_/_6970761'		3.33	3.33	3.33	0.72	0.5	3.33	1.43 No	0.5 Element Fault
SHP062	580	'44028056_/_6967778'		6.67	6.67	6.67	1.43	0.6	6.67	2.86 No	0.6 Element Fault
SHP062	581	'44904112_/_6982934'		3.33	3.33	3.33	0.72	0.75	3.33	1.43 No	0.72 Thermal Discharging
SHP062	582	'6982397_/_6982394'		3.33	3.33	3.33	0.72	0.5	3.33	1.43 No	0.5 Element Fault
SHP062	583	'6970777_/_44029220'		3.33	3.33	3.33	0.72	0.5	3.33	1.43 No	0.5 Element Fault
SHP062	584	'6967796_/_44028058'		6.67	6.67	6.67	1.43	0.6	6.67	2.86 No	0.6 Element Fault
SHP062	585	'6970647_/_6970787'		3.33	3.33	3.33	0.72	0.5	3.33	1.43 No	0.5 Element Fault
SHP062	586	'6967811_/_6967808'		4	6.67	6.67	1.43	0.6	6.67	2.86 No	0.6 Element Fault
SHP062	587	'44029185_/_6970657'		3.33	3.33	3.33	0.72	0.5	3.33	1.43 No	0.5 Element Fault
SHP062	588	'6970660_/_6970813_1'		1.47	3.33	3.33	0.72	0.3	3.33	1.43 No	0.3 Element Fault
SHP062	589	'6967826_/_6967823_1'		3.53	6.67	6.67	1.43	0.6	6.67	2.86 No	0.6 Element Fault
SHP062	590	'44028068_/_6967823_2'		3.47	6.67	6.67	1.43	0.6	6.67	2.86 No	0.6 Element Fault
SHP062	591	'6944107_/_44028070'		3.2	6.67	6.67	1.43	0.6	6.67	2.86 No	0.6 Element Fault
SHP062	592	'6944108_/_6944123_1'		3.13	6.67	6.67	1.43	0.4	6.67	2.86 No	0.4 Element Fault
SHP062	593	'6967427_/_6967437'		1.53	3.33	3.33	0.72	0.3	3.33	1.43 No	0.3 Element Fault
SHP062	594	'6944126_/_6944123_2'		3	6.67	6.67	1.43	0.4	6.67	2.86 No	0.4 Element Fault
SHP062	595	'6967426_/_6967424'		1.47	3.33	3.33	0.72	0.3	3.33	1.43 No	0.3 Element Fault
SHP062	596	'44027908_/_6968064'		2.87	6.67	6.67	1.43	0.4	6.67	2.86 No	0.4 Element Fault
SHP062	597	'44027920_/_6967450'		2.67	6.67	6.67	1.43	0.4	6.67	2.86 No	0.4 Element Fault
SHP062	598	'6967468_/_6967465'		2.47	6.67	6.67	1.43	0.4	6.67	2.86 No	0.4 Element Fault
SHP062	599	'6967483_/_6967480'		2.33	6.67	6.67	1.43	0.4	6.67	2.86 No	0.4 Element Fault
SHP062	600	'44027932_/_6967495'		2.27	6.67	6.67	1.43	0.4	6.67	2.86 No	0.4 Element Fault
SHP062	601	'6968041_/_6968051'		1.1	3.33	3.33	0.72	0.2	3.33	1.43 No	0.2 Element Fault
SHP062	602	'6968028_/_6968038'		1.07	3.33	3.33	0.72	0.2	3.33	1.43 No	0.2 Element Fault
SHP062	603	'6968027_/_6968025'		1.03	3.33	3.33	0.72	0.2	3.33	1.43 No	0.2 Element Fault
SHP062	604	'6978015_/_6978025'		1	3.33	3.33	0.72	0.2	3.33	1.43 No	0.2 Element Fault
SHP062	605	'44027944_/_44027946'		0.97	3.33	3.33	0.72	0.2	3.31	1.43 No	0.2 Element Fault
SHP062	606	'6967914_/_6967924'		0.93	3.33	3.33	0.72	0.2	3.29	1.43 No	0.2 Element Fault
SHP062	607	'6967913_/_6967911'		0.9	3.33	3.33	0.72	0.2	3.22	1.43 No	0.2 Element Fault
SHP062	608	'6973493_/_6973491'		0.87	3.33	3.33	0.72	0.2	3.18	1.43 No	0.2 Element Fault
SHP063	0	'SHP063_/_8985137'		10	10	10	0.84	10	10	10 No	0.84 Thermal Discharging
SHP063	1	'8985139_/_8985137'		10	10	10	0.84	10	10	6.57 No	0.84 Thermal Discharging
SHP063	2	'7407612_/_9300848'		10	10	10	0.84	10	10	6.57 No	0.84 Thermal Discharging
SHP063	3	'5609186_/_7407610_1'		10	10	10	0.84	10	10	6.57 No	0.84 Thermal Discharging
SHP063	4	'8665464_/_8985197'		10	10	10	0.84	10	10	6.57 No	0.84 Thermal Discharging
SHP063	5	'43747059_/_7407610_2'		10	10	10	0.84	10	10	6.57 No	0.84 Thermal Discharging
SHP063	6	'5609166_/_5609183'		10	10	10	0.84	10	10	6.57 No	0.84 Thermal Discharging
SHP063	7	'5597171_/_5609163'		10	10	10	0.84	10	10	6.57 No	0.84 Thermal Discharging
SHP063	8	'5596233_/_5597168'		10	10	10	0.84	10	10	6.57 No	0.84 Thermal Discharging
SHP063	9	'5600280_/_5600290_1'		3.33	3.33	3.33	0.28	0.4	3.33	2.19 No	0.28 Thermal Discharging
SHP063	10	'8665463_/_8665461'		10	10	10	0.84	10	10	6.57 No	0.84 Thermal Discharging
SHP063	11	'5603725_/_7099441_1'		3.33	3.33	3.33	0.28	0.4	3.33	2.19 No	0.28 Thermal Discharging
SHP063	12	'5568528_/_7099421'		10	10	10	0.84	10	10	6.57 No	0.84 Thermal Discharging
SHP063	13	'5568529_/_5568526'		10	10	10	0.84	10	10	6.57 No	0.84 Thermal Discharging
SHP063	14	'43745736_/_5600290_2'		3.33	3.33	3.33	0.28	0.4	3.33	2.19 No	0.28 Thermal Discharging
SHP063	15	'37923246_/_8043812'		10	10	10	0.84	10	10	6.57 No	0.84 Thermal Discharging
SHP063	16	'404485947_/_37923243'		10	10	10	0.84	10	10	6.57 No	0.84 Thermal Discharging
SHP063	17	'37923211_/_37923215'		10	10	10	0.84	10	10	6.57 No	0.84 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SHP063	18	'37923232_/37923229'		10	10	10	0.84	4.8	10	6.57 No	0.84 Thermal Discharging
SHP063	19	'43741743_/7099441_2'	3.33	3.33	3.33	3.33	0.28	0.4	3.33	2.19 No	0.28 Thermal Discharging
SHP063	20	'7720821_/9301008'		10	10	10	0.84	10	10	6.57 No	0.84 Thermal Discharging
SHP063	21	'7407128_/7407126'		10	10	10	0.84	4.8	10	6.57 No	0.84 Thermal Discharging
SHP063	22	'5600293_/43745738'		3.33	3.33	3.33	0.28	0.4	3.33	2.19 No	0.28 Thermal Discharging
SHP063	23	'7099444_/43741745'		3.33	3.33	3.33	0.28	0.4	3.33	2.19 No	0.28 Thermal Discharging
SHP063	24	'7720820_/7720818'		10	10	10	0.84	10	10	6.57 No	0.84 Thermal Discharging
SHP063	25	'8358227_/9300968'		10	10	10	0.84	10	10	6.57 No	0.84 Thermal Discharging
SHP063	26	'8358226_/8358224'		10	10	10	0.84	10	10	6.57 No	0.84 Thermal Discharging
SHP063	27	'369738114_/8043776_2'		10	10	10	0.84	4.8	10	6.57 No	0.84 Thermal Discharging
SHP063	28	'5582409_/8043776_1'		10	10	10	0.84	1.8	10	6.57 No	0.84 Thermal Discharging
SHP063	29	'8358027_/8665553'		10	10	10	0.84	10	10	6.57 No	0.84 Thermal Discharging
SHP063	30	'8358026_/8358024'		10	10	10	0.84	10	10	6.57 No	0.84 Thermal Discharging
SHP063	31	'8358107_/8358104'		10	10	10	0.84	10	10	6.57 No	0.84 Thermal Discharging
SHP063	32	'5582410_/5582407'		10	10	10	0.84	1.8	10	6.57 No	0.84 Thermal Discharging
SHP063	33	'9611768_/9612237'		10	10	10	0.84	10	10	6.57 No	0.84 Thermal Discharging
SHP063	34	'8044058_/9611765'		10	10	10	0.84	10	10	6.57 No	0.84 Thermal Discharging
SHP063	35	'5582433_/5582430'		10	10	10	0.84	1.8	10	6.57 No	0.84 Thermal Discharging
SHP063	36	'7720489_/8044056'		10	10	10	0.84	10	10	6.57 No	0.84 Thermal Discharging
SHP063	37	'7720488_/7720486_2'		10	10	10	0.84	10	10	6.57 No	0.84 Thermal Discharging
SHP063	38	'5596721_/7720486_1'		10	10	10	0.84	10	10	6.57 No	0.84 Thermal Discharging
SHP063	39	'5596705_/5597054'		10	10	10	0.84	10	10	6.57 No	0.84 Thermal Discharging
SHP063	40	'5596722_/5596719'		10	10	10	0.84	10	10	6.57 No	0.84 Thermal Discharging
SHP063	41	'5596739_/5596736'		10	10	10	0.84	10	10	6.57 No	0.84 Thermal Discharging
SHP063	42	'5596756_/5596753'		10	10	10	0.84	10	10	6.57 No	0.84 Thermal Discharging
SHP063	43	'5582450_/5582447'		10	10	10	0.84	1.8	10	6.57 No	0.84 Thermal Discharging
SHP063	44	'5596773_/5596770'		10	10	10	0.84	10	10	6.57 No	0.84 Thermal Discharging
SHP063	45	'5597205_/5597218_1'	3.33	3.33	3.33	3.33	0.28	0.4	3.33	2.19 No	0.28 Thermal Discharging
SHP063	46	'8665235_/8665233_1'		10	10	10	0.84	1.5	10	6.57 No	0.84 Thermal Discharging
SHP063	47	'5582467_/369738399'		10	10	10	0.84	1.8	10	6.57 No	0.84 Thermal Discharging
SHP063	48	'5596790_/5596787'		10	10	10	0.84	10	10	6.57 No	0.84 Thermal Discharging
SHP063	49	'369737911_/369737780_1'		10	10	10	0.84	1.2	10	6.57 No	0.84 Thermal Discharging
SHP063	50	'5596807_/43745292'		10	10	10	0.84	10	10	6.57 No	0.84 Thermal Discharging
SHP063	51	'8984832_/9611713_1'		10	10	10	0.84	1.4	10	6.57 No	0.84 Thermal Discharging
SHP063	52	'8357694_/8665233_2'		10	10	10	0.84	1.5	10	6.57 No	0.84 Thermal Discharging
SHP063	53	'43745303_/5596821'		10	10	10	0.84	10	10	6.57 No	0.84 Thermal Discharging
SHP063	54	'5597221_/5597218_2'	3.33	3.33	3.33	3.33	0.28	0.4	3.33	2.19 No	0.28 Thermal Discharging
SHP063	55	'9611716_/9611713_2'		10	10	10	0.84	1.4	10	6.57 No	0.84 Thermal Discharging
SHP063	56	'5596841_/5596838'		10	10	10	0.84	10	10	6.57 No	0.84 Thermal Discharging
SHP063	57	'5596197_/5597185'		10	10	10	0.84	10	10	6.57 No	0.84 Thermal Discharging
SHP063	58	'369737595_/369737780_2'		10	10	10	0.84	1.2	10	6.57 No	0.84 Thermal Discharging
SHP063	59	'5601286_/5601317'		10	10	10	0.84	10	10	6.57 No	0.84 Thermal Discharging
SHP063	60	'5601303_/5601300'		10	10	10	0.84	10	10	6.57 No	0.84 Thermal Discharging
SHP063	61	'5596177_/5596195_1'		10	10	10	0.84	1.5	10	6.57 No	0.84 Thermal Discharging
SHP063	62	'43746103_/5607952'		10	10	10	0.84	10	10	6.57 No	0.84 Thermal Discharging
SHP063	63	'43745869_/5596195_2'		10	10	10	0.84	1.5	10	6.57 No	0.84 Thermal Discharging
SHP063	64	'688285339_/688285304_1'	3.33	3.33	3.33	3.33	0.28	0.4	3.33	2.19 No	0.28 Thermal Discharging
SHP063	65	'153945529_/43746105'		10	10	10	0.84	10	10	6.57 No	0.84 Thermal Discharging
SHP063	66	'154600881_/154495234_1'		10	10	10	0.84	1.4	10	6.57 No	0.84 Thermal Discharging
SHP063	67	'688285189_/688285304_2'	3.33	3.33	3.33	3.33	0.28	0.4	3.33	2.19 No	0.28 Thermal Discharging
SHP063	68	'5599401_/5603411'		10	10	10	0.84	10	10	6.57 No	0.84 Thermal Discharging
SHP063	69	'5596178_/43745871'		10	10	10	0.84	1.5	10	6.57 No	0.84 Thermal Discharging
SHP063	70	'57651259_/5605242'		10	10	10	0.84	10	10	6.57 No	0.84 Thermal Discharging
SHP063	71	'622255103_/9611823'		10	10	10	0.84	1.5	10	6.57 No	0.84 Thermal Discharging
SHP063	72	'153945530_/154495234_2'		10	10	10	0.84	1.4	10	6.57 No	0.84 Thermal Discharging
SHP063	73	'154600750_/154495295_1'		10	10	10	0.84	0.9	10	6.57 No	0.84 Thermal Discharging
SHP063	74	'57651662_/57651417_1'		10	10	10	0.84	3.3	10	6.57 No	0.84 Thermal Discharging
SHP063	75	'43746192_/57651261'		10	10	10	0.84	10	10	6.57 No	0.84 Thermal Discharging
SHP063	76	'154600737_/154495295_2'		10	10	10	0.84	0.9	10	6.57 No	0.84 Thermal Discharging
SHP063	77	'43746765_/43746194'		10	10	10	0.84	10	10	6.57 No	0.84 Thermal Discharging
SHP063	78	'57651349_/43746767'		10	10	10	0.84	10	10	6.57 No	0.84 Thermal Discharging
SHP063	79	'9611826_/622255134'		10	10	10	0.84	1.5	10	6.57 No	0.84 Thermal Discharging
SHP063	80	'69399612_/57651636_2'		10	10	10	0.84	5.2	10	6.57 No	0.84 Thermal Discharging
SHP063	81	'5608066_/57651351'		10	10	10	0.84	10	10	6.57 No	0.84 Thermal Discharging
SHP063	82	'57651608_/57651636_1'		10	10	10	0.84	2.3	10	6.57 No	0.84 Thermal Discharging
SHP063	83	'154013503_/57651417_2'		10	10	10	0.84	3.3	10	6.57 No	0.84 Thermal Discharging
SHP063	84	'5608154_/5608151'		10	10	10	0.84	10	10	6.57 No	0.84 Thermal Discharging
SHP063	85	'5608171_/5608185_1'		10	10	10	0.84	1.4	10	6.57 No	0.84 Thermal Discharging
SHP063	86	'5611580_/5611611'		10	10	10	0.84	10	10	6.57 No	0.84 Thermal Discharging
SHP063	87	'5598988_/5598985'	6.67	6.67	6.67	6.67	0.56	1	6.67	4.38 No	0.56 Thermal Discharging
SHP063	88	'5611579_/5611577'		10	10	10	0.84	10	10	6.57 No	0.84 Thermal Discharging
SHP063	89	'43747337_/43747339'		10	10	10	0.84	10	10	6.57 No	0.84 Thermal Discharging
SHP063	90	'5611651_/5611668_1'		10	10	10	0.84	1.5	10	6.57 No	0.84 Thermal Discharging
SHP063	91	'5599006_/5599003'	6.67	6.67	6.67	6.67	0.56	1	6.67	4.38 No	0.56 Thermal Discharging
SHP063	92	'5608188_/5608185_2'		10	10	10	0.84	1.4	10	6.57 No	0.84 Thermal Discharging
SHP063	93	'43745614_/43745616'		10	10	10	0.84	10	10	6.57 No	0.84 Thermal Discharging
SHP063	94	'154013409_/154013446'		10	10	10	0.84	3.3	10	6.57 No	0.84 Thermal Discharging
SHP063	95	'5607527_/5607541_2'		10	10	10	0.84	10	10	6.57 No	0.84 Thermal Discharging
SHP063	96	'43745601_/5607541_1'		10	10	10	0.84	10	10	6.57 No	0.84 Thermal Discharging
SHP063	97	'43745588_/5607524'		10	10	10	0.84	10	10	6.57 No	0.84 Thermal Discharging
SHP063	98	'5607493_/5607507'		10	10	10	0.84	10	10	6.57 No	0.84 Thermal Discharging
SHP063	99	'60773006_/60773010'		10	10	10	0.84	10	10	6.57 No	0.84 Thermal Discharging
SHP063	100	'43745316_/5599021'	6.67	6.67	6.67	6.67	0.56	1	6.67	4.38 No	0.56 Thermal Discharging
SHP063	101	'43745575_/5607666'		10	10	10	0.84	10	10	6.57 No	0.84 Thermal Discharging
SHP063	102	'57651575_/57651615'		10	10	10	0.84	2.3	10	6.57 No	0.84 Thermal Discharging
SHP063	103	'57651410_/154013427'		10	10	10	0.84	3.3	10	6.57 No	0.84 Thermal Discharging
SHP063	104	'5607635_/5607649'		10	10	10	0.84	10	10	6.57 No	0.84 Thermal Discharging
SHP063	105	'528808425_/5607632'		10	10	10	0.84	10	10	6.57 No	0.84 Thermal Discharging
SHP063	106	'43746752_/5608202'		10	10	10	0.84	1.4	10	6.57 No	0.84 Thermal Discharging
SHP063	107	'585580716_/585580722'		10	10	10	0.84	5.5	10	6.57 No	0.84 Thermal Discharging
SHP063	108	'5611630_/5611668_2'		10	10	10	0.84	1.5	10	6.57 No	0.84 Thermal Discharging
SHP063	109	'5611631_/5611628'		10	10	10	0.84	1.5	10	6.57 No	0.84 Thermal Discharging
SHP063	110	'50757182_/9612393_1'		10	10	10	0.84	0.9	10	6.57 No	0.84 Thermal Discharging
SHP063	111	'43745549_/5599365'		10	10	10	0.84	5.5	10	6.57 No	0.84 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SHP063	112	'8357695_/_8357692'	3.33	3.33	3.33	0.28	0.5	3.33	2.19	No	0.28 Thermal Discharging
SHP063	113	'5608083_/_43746754'	10	10	10	0.84	1.4	10	6.57	No	0.84 Thermal Discharging
SHP063	114	'9611735_/_9611733'	3.33	3.33	3.33	0.28	0.5	3.33	2.19	No	0.28 Thermal Discharging
SHP063	115	'43746044_/_43746046'	10	10	10	0.84	5.5	10	6.57	No	0.84 Thermal Discharging
SHP063	116	'9612396_/_9612393_2'	10	10	10	0.84	0.9	10	6.57	No	0.84 Thermal Discharging
SHP063	117	'5599039_/_43745318'	6.67	6.67	6.67	0.56	1	6.67	4.38	No	0.56 Thermal Discharging
SHP063	118	'57651443_/_57651450'	10	10	10	0.84	3.3	10	6.57	No	0.84 Thermal Discharging
SHP063	119	'5603641_/_5610575'	10	10	10	0.84	5.5	10	6.57	No	0.84 Thermal Discharging
SHP063	120	'57651542_/_57651582'	10	10	10	0.84	2.3	10	6.57	No	0.84 Thermal Discharging
SHP063	121	'5608099_/_5608114'	10	10	10	0.84	1.4	10	6.57	No	0.84 Thermal Discharging
SHP063	122	'5610526_/_5611685'	10	10	10	0.84	1.5	10	6.57	No	0.84 Thermal Discharging
SHP063	123	'65977349_/_65977352'	10	10	10	0.84	3.3	10	6.57	No	0.84 Thermal Discharging
SHP063	124	'65977420_/_65977440'	10	10	10	0.84	3.3	10	6.57	No	0.84 Thermal Discharging
SHP063	125	'51533175_/_43745095'	10	10	10	0.84	5.5	10	6.57	No	0.84 Thermal Discharging
SHP063	126	'688285352_/_5605056_2'	10	10	10	0.84	5.5	10	6.57	No	0.84 Thermal Discharging
SHP063	127	'57651509_/_57651549'	10	10	10	0.84	2.3	10	6.57	No	0.84 Thermal Discharging
SHP063	128	'5605025_/_5605056_1'	10	10	10	0.84	1.4	10	6.57	No	0.84 Thermal Discharging
SHP063	129	'43745328_/_5599051'	6.67	6.67	6.67	0.56	1	6.67	4.38	No	0.56 Thermal Discharging
SHP063	130	'5608031_/_5608097'	10	10	10	0.84	1.4	10	6.57	No	0.84 Thermal Discharging
SHP063	131	'65977311_/_65977427'	10	10	10	0.84	3.3	10	6.57	No	0.84 Thermal Discharging
SHP063	132	'5605026_/_5605023'	6.67	6.67	6.67	0.56	0.93	6.67	4.38	No	0.56 Thermal Discharging
SHP063	133	'5603362_/_5608029'	10	10	10	0.84	1.4	10	6.57	No	0.84 Thermal Discharging
SHP063	134	'43745627_/_43745629'	6.67	6.67	6.67	0.56	1	6.67	4.38	No	0.56 Thermal Discharging
SHP063	135	'5599474_/_5599471'	3.33	3.33	3.33	0.28	0.5	3.33	2.19	No	0.28 Thermal Discharging
SHP063	136	'8357747_/_8357744_1'	3.33	3.33	3.33	0.28	0.3	3.33	2.19	No	0.28 Thermal Discharging
SHP063	137	'57651476_/_57651483'	10	10	10	0.84	3.3	10	6.57	No	0.84 Thermal Discharging
SHP063	138	'5603363_/_5603360'	10	10	10	0.84	1.4	10	6.57	No	0.84 Thermal Discharging
SHP063	139	'57651723_/_57651516_1'	10	10	10	0.84	2.3	10	6.57	No	0.84 Thermal Discharging
SHP063	140	'61718393_/_5605041'	6.67	6.67	6.67	0.56	0.93	6.67	4.38	No	0.56 Thermal Discharging
SHP063	141	'5599455_/_5599994'	6.67	6.67	6.67	0.56	1	6.67	4.38	No	0.56 Thermal Discharging
SHP063	142	'43745664_/_5599484'	3.33	3.33	3.33	0.28	0.5	3.33	2.19	No	0.28 Thermal Discharging
SHP063	143	'5603380_/_5603377'	10	10	10	0.84	1.4	10	6.57	No	0.84 Thermal Discharging
SHP063	144	'5600267_/_5600264'	3.33	3.33	3.33	0.28	0.5	3.33	2.19	No	0.28 Thermal Discharging
SHP063	145	'5605010_/_357303073'	6.67	6.67	6.67	0.56	0.93	6.67	4.38	No	0.56 Thermal Discharging
SHP063	146	'357303023_/_5605115'	3.33	3.33	3.33	0.28	0.47	3.33	2.19	No	0.28 Thermal Discharging
SHP063	147	'5603397_/_5603394'	10	10	10	0.84	1.4	10	6.57	No	0.84 Thermal Discharging
SHP063	148	'49934731_/_7407314_2'	10	10	10	0.84	1.4	10	6.57	No	0.84 Thermal Discharging
SHP063	149	'5599456_/_5599453'	6.67	6.67	6.67	0.56	1	6.67	4.38	No	0.56 Thermal Discharging
SHP063	150	'5601218_/_5601215'	3.33	3.33	3.33	0.28	0.5	3.33	2.19	No	0.28 Thermal Discharging
SHP063	151	'61697702_/_8357744_2'	3.33	3.33	3.33	0.28	0.2	3.33	2.19	No	0.2 Element Fault
SHP063	152	'5598658_/_5605079'	3.33	3.33	3.33	0.28	0.47	3.33	2.19	No	0.28 Thermal Discharging
SHP063	153	'43745363_/_8357744_3'	3.33	3.33	3.33	0.28	0.2	3.33	2.19	No	0.2 Element Fault
SHP063	154	'7407317_/_7407314_1'	10	10	10	0.84	1.1	10	6.57	No	0.84 Thermal Discharging
SHP063	155	'5601513_/_5601510'	6.67	6.67	6.67	0.56	1	6.67	4.38	No	0.56 Thermal Discharging
SHP063	156	'5598659_/_5598656'	3.33	3.33	3.33	0.28	0.47	3.33	2.19	No	0.28 Thermal Discharging
SHP063	157	'43745351_/_43745353'	3.33	3.33	3.33	0.28	0.2	3.33	2.19	No	0.2 Element Fault
SHP063	158	'5601565_/_5601562'	6.67	6.67	6.67	0.56	1	6.67	4.38	No	0.56 Thermal Discharging
SHP063	159	'5599072_/_5599082'	3.33	3.33	3.33	0.28	0.2	3.33	2.19	No	0.2 Element Fault
SHP063	160	'43745374_/_5599893'	3.33	3.33	3.33	0.28	0.2	3.33	2.19	No	0.2 Element Fault
SHP063	161	'7166689_/_5601577_1'	6.67	6.67	6.67	0.56	1	6.67	4.38	No	0.56 Thermal Discharging
SHP063	162	'44068962_/_5601577_2'	6.67	6.67	6.67	0.56	1	6.67	4.38	No	0.56 Thermal Discharging
SHP063	163	'7166690_/_7166707_1'	3.33	3.33	3.33	0.28	0.3	3.33	2.19	No	0.28 Thermal Discharging
SHP063	164	'43745373_/_5599909'	3.33	3.33	3.33	0.28	0.2	3.33	2.19	No	0.2 Element Fault
SHP063	165	'5599071_/_43745342'	3.33	3.33	3.33	0.28	0.2	3.33	2.19	No	0.2 Element Fault
SHP063	166	'44068951_/_7166707_2'	3.33	3.33	3.33	0.28	0.3	3.33	2.19	No	0.28 Thermal Discharging
SHP063	167	'5601530_/_44068966'	6.67	6.67	6.67	0.56	1	6.67	4.38	No	0.56 Thermal Discharging
SHP063	168	'5601531_/_5601528'	6.67	6.67	6.67	0.56	1	6.67	4.38	No	0.56 Thermal Discharging
SHP063	169	'5600253_/_5601546'	3.33	3.33	3.33	0.28	0.5	3.33	2.19	No	0.28 Thermal Discharging
SHP063	170	'7166722_/_5596215_2'	1.83	3.33	3.33	0.28	0.5	3.33	2.19	No	0.28 Thermal Discharging
SHP063	171	'50757197_/_5596215_1'	1.8	3.33	3.33	0.28	0.5	3.33	2.19	No	0.28 Thermal Discharging
SHP063	172	'5596218_/_50757194'	1.6	3.33	3.33	0.28	0.5	3.33	2.19	No	0.28 Thermal Discharging
SHP063	173	'44068849_/_7166720'	1.6	3.33	3.33	0.28	0.5	3.33	2.19	No	0.28 Thermal Discharging
SHP063	174	'44068926_/_44068953'	1.4	3.33	3.33	0.28	0.3	3.33	2.19	No	0.28 Thermal Discharging
SHP063	175	'69399604_/_7166737'	1.3	3.33	3.33	0.28	0.5	3.33	2.19	No	0.28 Thermal Discharging
SHP063	176	'44068874_/_44068862'	1.17	3.33	3.33	0.28	0.5	3.33	2.19	No	0.28 Thermal Discharging
SHP063	177	'44068913_/_44068928'	0.9	3.33	3.33	0.28	0.3	3.33	2.19	No	0.28 Thermal Discharging
SHP063	178	'44068888_/_44068876'	0.83	3.33	3.33	0.28	0.5	3.33	2.19	No	0.28 Thermal Discharging
SHP063	179	'44068940_/_44068917'	0.7	3.33	3.33	0.28	0.3	3.33	2.19	No	0.28 Thermal Discharging
SHP063	180	'7166740_/_44068892'	0.63	3.33	3.33	0.28	0.5	3.33	2.19	No	0.28 Thermal Discharging
SHP063	181	'7166710_/_44068942'	0.57	3.33	3.33	0.28	0.3	3.33	2.19	No	0.28 Thermal Discharging
SHP063	182	'5600237_/_5605007'	3.33	0.73	3.33	0.28	0.1	0.6	2.19	No	0.1 Element Fault
SHP063	183	'5599522_/_5600235'	3.33	0.73	3.33	0.28	0.1	0.6	2.19	No	0.1 Element Fault
SHP063	184	'5599523_/_5599520'	3.33	0.73	3.33	0.28	0.1	0.59	2.19	No	0.1 Element Fault
SHP071	0	'SHP071_/_9612101'	10	10	10	1.56	10	10	10	No	1.56 Thermal Discharging
SHP071	1	'8358047_/_9612101'	10	10	10	1.56	10	10	4.44	No	1.56 Thermal Discharging
SHP071	2	'8044371_/_8358044'	10	10	10	1.56	10	10	4.44	No	1.56 Thermal Discharging
SHP071	3	'7407653_/_8044368'	10	10	10	1.56	10	10	4.44	No	1.56 Thermal Discharging
SHP071	4	'7407652_/_7407650'	10	10	10	1.56	10	10	4.44	No	1.56 Thermal Discharging
SHP071	5	'9301030_/_9301028'	10	10	10	1.56	10	10	4.44	No	1.56 Thermal Discharging
SHP071	6	'9300091_/_9612257'	10	10	10	1.56	10	10	4.44	No	1.56 Thermal Discharging
SHP071	7	'7720781_/_9300988'	10	10	10	1.56	10	10	4.44	No	1.56 Thermal Discharging
SHP071	8	'7720780_/_7720778'	10	10	10	1.56	10	10	4.44	No	1.56 Thermal Discharging
SHP071	9	'8044411_/_8665533_1'	10	10	10	1.56	10	10	4.44	No	1.56 Thermal Discharging
SHP071	10	'5609619_/_8665533_2'	10	10	10	1.56	10	10	4.44	No	1.56 Thermal Discharging
SHP071	11	'69455709_/_69455547'	10	10	10	1.56	10	10	4.44	No	1.56 Thermal Discharging
SHP071	12	'43746976_/_5609617'	10	10	10	1.56	10	10	4.44	No	1.56 Thermal Discharging
SHP071	13	'385450742_/_5609906_2'	10	10	10	1.56	3.4	10	4.44	No	1.56 Thermal Discharging
SHP071	14	'43746983_/_43746972'	10	10	10	1.56	10	10	4.44	No	1.56 Thermal Discharging
SHP071	15	'5609943_/_43746985'	10	10	10	1.56	10	10	4.44	No	1.56 Thermal Discharging
SHP071	16	'5609925_/_5609957'	10	10	10	1.56	10	10	4.44	No	1.56 Thermal Discharging
SHP071	17	'5609926_/_5609923'	10	10	10	1.56	10	10	4.44	No	1.56 Thermal Discharging
SHP071	18	'358750605_/_358750613'	10	10	10	1.56	10	10	4.44	No	1.56 Thermal Discharging
SHP071	19	'358750735_/_358750148_1'	10	10	10	1.56	10	10	4.44	No	1.56 Thermal Discharging
SHP071	20	'358750013_/_358750148_2'	10	10	10	1.56	10	10	4.44	No	1.56 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SHP071	21	'358750014_/358750011'	10	10	10	1.56	10	10	4.44 No	1.56	Thermal Discharging
SHP071	22	'358750021_/358750019'	10	10	10	1.56	10	10	4.44 No	1.56	Thermal Discharging
SHP071	23	'358750029_/358750027'	10	10	10	1.56	4.5	10	4.44 No	1.56	Thermal Discharging
SHP071	24	'358750037_/358750035'	3.33	3.33	3.33	0.52	1.5	3.33	1.48 No	0.52	Thermal Discharging
SHP071	25	'358750280_/358750216_1'	10	10	10	1.56	10	10	4.44 No	1.56	Thermal Discharging
SHP071	26	'358749712_/358750216_2'	10	10	10	1.56	10	10	4.44 No	1.56	Thermal Discharging
SHP071	27	'5609892_/5609906_1'	10	10	10	1.56	1.5	10	4.44 No	1.5	Element Fault
SHP071	28	'5609069_/358749709'	10	10	10	1.56	10	10	4.44 No	1.56	Thermal Discharging
SHP071	29	'5609052_/5609066'	10	10	10	1.56	10	10	4.44 No	1.56	Thermal Discharging
SHP071	30	'43746835_/5609049'	10	10	10	1.56	10	10	4.44 No	1.56	Thermal Discharging
SHP071	31	'5609015_/5609032'	10	10	10	1.56	10	10	4.44 No	1.56	Thermal Discharging
SHP071	32	'5608476_/5609012'	10	10	10	1.56	10	10	4.44 No	1.56	Thermal Discharging
SHP071	33	'5608360_/5608358_1'	10	10	10	1.56	2.4	10	4.44 No	1.56	Thermal Discharging
SHP071	34	'5608940_/5609889'	10	10	10	1.56	1.5	10	4.44 No	1.5	Element Fault
SHP071	35	'5609085_/5609083'	10	10	10	1.56	10	10	4.44 No	1.56	Thermal Discharging
SHP071	36	'5609108_/5609106'	10	10	10	1.56	10	10	4.44 No	1.56	Thermal Discharging
SHP071	37	'388337719_/388337738'	10	10	10	1.56	4.5	10	4.44 No	1.56	Thermal Discharging
SHP071	38	'6985423_/7099634'	10	10	10	1.56	10	10	4.44 No	1.56	Thermal Discharging
SHP071	39	'6988856_/6988854_1'	3.33	3.33	3.33	0.52	0.4	3.33	1.48 No	0.4	Element Fault
SHP071	40	'6985406_/6985420'	10	10	10	1.56	10	10	4.44 No	1.56	Thermal Discharging
SHP071	41	'6985389_/6985403'	10	10	10	1.56	10	10	4.44 No	1.56	Thermal Discharging
SHP071	42	'5608345_/5608491'	6.67	6.67	6.67	1.04	3	6.67	2.96 No	1.04	Thermal Discharging
SHP071	43	'6985372_/6985386'	10	10	10	1.56	10	10	4.44 No	1.56	Thermal Discharging
SHP071	44	'6981383_/6985369'	10	10	10	1.56	10	10	4.44 No	1.56	Thermal Discharging
SHP071	45	'6981384_/6981517_1'	10	10	10	1.56	2.4	10	4.44 No	1.56	Thermal Discharging
SHP071	46	'5608920_/5608937'	10	10	10	1.56	1.5	10	4.44 No	1.5	Element Fault
SHP071	47	'5608361_/5608358_2'	10	10	10	1.56	2.4	10	4.44 No	1.56	Thermal Discharging
SHP071	48	'6985352_/6985349'	10	10	10	1.56	10	10	4.44 No	1.56	Thermal Discharging
SHP071	49	'6985440_/6985454'	10	10	10	1.56	10	10	4.44 No	1.56	Thermal Discharging
SHP071	50	'7407561_/358750283'	3.33	3.33	3.33	0.52	1.4	3.33	1.48 No	0.52	Thermal Discharging
SHP071	51	'121014265_/6981517_2'	10	10	10	1.56	2.4	10	4.44 No	1.56	Thermal Discharging
SHP071	52	'121014556_/121014493_1'	10	10	10	1.56	1.6	10	4.44 No	1.56	Thermal Discharging
SHP071	53	'6985457_/644101437'	10	10	10	1.56	10	10	4.44 No	1.56	Thermal Discharging
SHP071	54	'5608344_/5608342'	3.33	3.33	3.33	0.52	1.1	3.33	1.48 No	0.52	Thermal Discharging
SHP071	55	'6981357_/6988854_2'	3.33	3.33	3.33	0.52	0.4	3.33	1.48 No	0.4	Element Fault
SHP071	56	'6985491_/6985488'	10	10	10	1.56	10	10	4.44 No	1.56	Thermal Discharging
SHP071	57	'644101454_/6985471'	10	10	10	1.56	10	10	4.44 No	1.56	Thermal Discharging
SHP071	58	'6985474_/644101458_1'	10	10	10	1.56	10	10	4.44 No	1.56	Thermal Discharging
SHP071	59	'6981585_/6985508'	10	10	10	1.56	10	10	4.44 No	1.56	Thermal Discharging
SHP071	60	'6981586_/6987812_1'	6.67	6.67	6.67	1.04	0.9	6.67	2.96 No	0.9	Element Fault
SHP071	61	'6985531_/6985528'	10	10	10	1.56	10	10	4.44 No	1.56	Thermal Discharging
SHP071	62	'6631615_/644101458_2'	10	10	10	1.56	10	10	4.44 No	1.56	Thermal Discharging
SHP071	63	'6634778_/6634775'	10	10	10	1.56	10	10	4.44 No	1.56	Thermal Discharging
SHP071	64	'6985548_/6985545'	10	10	10	1.56	10	10	4.44 No	1.56	Thermal Discharging
SHP071	65	'157880488_/7112822'	10	10	10	1.56	10	10	4.44 No	1.56	Thermal Discharging
SHP071	66	'6987815_/6987812_2'	6.67	6.67	6.67	1.04	0.9	6.67	2.96 No	0.9	Element Fault
SHP071	67	'6634798_/6634795'	10	10	10	1.56	10	10	4.44 No	1.56	Thermal Discharging
SHP071	68	'6987833_/7112839_1'	10	10	10	1.56	1.4	10	4.44 No	1.4	Element Fault
SHP071	69	'6631616_/6631613'	10	10	10	1.56	10	10	4.44 No	1.56	Thermal Discharging
SHP071	70	'5608378_/5608375'	10	10	10	1.56	2.4	10	4.44 No	1.56	Thermal Discharging
SHP071	71	'9350107_/9350124_1'	10	10	10	1.56	1.4	10	4.44 No	1.4	Element Fault
SHP071	72	'43957886_/157880490'	10	10	10	1.56	10	10	4.44 No	1.56	Thermal Discharging
SHP071	73	'6632708_/6632725'	10	10	10	1.56	10	10	4.44 No	1.56	Thermal Discharging
SHP071	74	'5568512_/7099385'	10	10	10	1.56	10	10	4.44 No	1.56	Thermal Discharging
SHP071	75	'5568511_/5568509'	10	10	10	1.56	10	10	4.44 No	1.56	Thermal Discharging
SHP071	76	'6632707_/6632705'	10	10	10	1.56	10	10	4.44 No	1.56	Thermal Discharging
SHP071	77	'43746920_/43746922'	10	10	10	1.56	1.5	10	4.44 No	1.5	Element Fault
SHP071	78	'9350127_/9350124_2'	10	10	10	1.56	1.4	10	4.44 No	1.4	Element Fault
SHP071	79	'121014482_/121014493_2'	10	10	10	1.56	1.6	10	4.44 No	1.56	Thermal Discharging
SHP071	80	'43957860_/6633115'	10	10	10	1.56	10	10	4.44 No	1.56	Thermal Discharging
SHP071	81	'6633107_/6643733_1'	10	10	10	1.56	1.4	10	4.44 No	1.4	Element Fault
SHP071	82	'5593781_/5593832'	10	10	10	1.56	10	10	4.44 No	1.56	Thermal Discharging
SHP071	83	'43743954_/43743956'	10	10	10	1.56	10	10	4.44 No	1.56	Thermal Discharging
SHP071	84	'6632744_/6633135'	10	10	10	1.56	10	10	4.44 No	1.56	Thermal Discharging
SHP071	85	'7888074_/9035035_1'	10	10	10	1.56	1.4	10	4.44 No	1.4	Element Fault
SHP071	86	'5593764_/5593778'	10	10	10	1.56	10	10	4.44 No	1.56	Thermal Discharging
SHP071	87	'6631635_/6632742'	10	10	10	1.56	10	10	4.44 No	1.56	Thermal Discharging
SHP071	88	'5593747_/5593761'	10	10	10	1.56	10	10	4.44 No	1.56	Thermal Discharging
SHP071	89	'6981358_/6981355'	3.33	3.33	3.33	0.52	0.4	3.33	1.48 No	0.4	Element Fault
SHP071	90	'449757514_/5608564_2'	3.33	3.33	3.33	0.52	0.5	3.33	1.48 No	0.5	Element Fault
SHP071	91	'7407560_/7407558'	3.33	3.33	3.33	0.52	1.4	3.33	1.48 No	0.52	Thermal Discharging
SHP071	92	'5593801_/5593798'	10	10	10	1.56	10	10	4.44 No	1.56	Thermal Discharging
SHP071	93	'8664972_/8664989_1'	10	10	10	1.56	10	10	4.44 No	1.56	Thermal Discharging
SHP071	94	'6630030_/6631633'	10	10	10	1.56	10	10	4.44 No	1.56	Thermal Discharging
SHP071	95	'5593855_/7099405_1'	3.33	3.33	3.33	0.52	0.4	3.33	1.48 No	0.4	Element Fault
SHP071	96	'43957478_/6632793'	10	10	10	1.56	10	10	4.44 No	1.56	Thermal Discharging
SHP071	97	'6630029_/6632330_2'	10	10	10	1.56	4.7	10	4.44 No	1.56	Thermal Discharging
SHP071	98	'6630185_/6630197_1'	6.67	6.67	6.67	1.04	0.9	6.67	2.96 No	0.9	Element Fault
SHP071	99	'9035038_/9035035_2'	10	10	10	1.56	1.4	10	4.44 No	1.4	Element Fault
SHP071	100	'43957873_/7112839_2'	10	10	10	1.56	1.4	10	4.44 No	1.4	Element Fault
SHP071	101	'43746859_/5608512'	10	10	10	1.56	2.4	10	4.44 No	1.56	Thermal Discharging
SHP071	102	'43747033_/5608957'	10	10	10	1.56	2.4	10	4.44 No	1.56	Thermal Discharging
SHP071	103	'6632762_/6632759'	10	10	10	1.56	10	10	4.44 No	1.56	Thermal Discharging
SHP071	104	'6632779_/6632776'	10	10	10	1.56	10	10	4.44 No	1.56	Thermal Discharging
SHP071	105	'409628157_/121014511_1'	10	10	10	1.56	1	10	4.44 No	1	Element Fault
SHP071	106	'6632579_/6632810'	10	10	10	1.56	10	10	4.44 No	1.56	Thermal Discharging
SHP071	107	'121014299_/121014511_2'	10	10	10	1.56	1	10	4.44 No	1	Element Fault
SHP071	108	'54276605_/54276530'	10	10	10	1.56	2.4	10	4.44 No	1.56	Thermal Discharging
SHP071	109	'5608551_/5608564_1'	3.33	3.33	3.33	0.52	0.3	3.33	1.48 No	0.3	Element Fault
SHP071	110	'43957731_/6632665'	10	10	10	1.56	10	10	4.44 No	1.56	Thermal Discharging
SHP071	111	'6632580_/6632597_1'	10	10	10	1.56	1.5	10	4.44 No	1.5	Element Fault
SHP071	112	'5608394_/121014301'	10	10	10	1.56	1	10	4.44 No	1	Element Fault
SHP071	113	'7099408_/7099405_2'	3.33	3.33	3.33	0.52	0.4	3.33	1.48 No	0.4	Element Fault
SHP071	114	'108685994_/6643733_2'	10	10	10	1.56	1.4	10	4.44 No	1.4	Element Fault

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SHP071	115	'6630200_/_6630197_2'		6.67	6.67	6.67	1.04	0.9	6.67	2.96 No	0.9 Element Fault
SHP071	116	'6630217_/_6632827'		10	10	10	1.56	10	10	4.44 No	1.56 Thermal Discharging
SHP071	117	'6981371_/_6981368'	3.33	3.33	3.33	0.52	0.4	3.33	1.48 No	0.4 Element Fault	
SHP071	118	'6631672_/_6631670'		10	10	10	1.56	10	10	4.44 No	1.56 Thermal Discharging
SHP071	119	'6629881_/_6629879_1'	3.33	3.33	3.33	0.52	0.4	3.33	1.48 No	0.4 Element Fault	
SHP071	120	'6632566_/_6632685'		10	10	10	1.56	10	10	4.44 No	1.56 Thermal Discharging
SHP071	121	'129159426_/_6632330_1'		10	10	10	1.56	1.7	10	4.44 No	1.56 Thermal Discharging
SHP071	122	'6632634_/_6632648'		10	10	10	1.56	10	10	4.44 No	1.56 Thermal Discharging
SHP071	123	'129159546_/_129159505_1'		10	10	10	1.56	1.1	10	4.44 No	1.1 Element Fault
SHP071	124	'6631599_/_6632631'		10	10	10	1.56	10	10	4.44 No	1.56 Thermal Discharging
SHP071	125	'108685977_/_108685974'		10	10	10	1.56	1.4	10	4.44 No	1.4 Element Fault
SHP071	126	'6643725_/_6643722'		10	10	10	1.56	1.4	10	4.44 No	1.4 Element Fault
SHP071	127	'6632567_/_6632857_1'	3.33	3.33	3.33	0.52	0.4	3.33	1.48 No	0.4 Element Fault	
SHP071	128	'38675364_/_8090770_2'		10	10	10	1.56	1.4	10	4.44 No	1.4 Element Fault
SHP071	129	'6632600_/_6632597_2'		10	10	10	1.56	1.5	10	4.44 No	1.5 Element Fault
SHP071	130	'43746872_/_5608392'		10	10	10	1.56	1	10	4.44 No	1 Element Fault
SHP071	131	'43957408_/_43957410'		10	10	10	1.56	10	10	4.44 No	1.56 Thermal Discharging
SHP071	132	'405182842_/_405182844'	3.33	3.33	3.33	0.52	0.57	3.33	1.48 No	0.52 Thermal Discharging	
SHP071	133	'129159487_/_129159505_2'		10	10	10	1.56	1.1	10	4.44 No	1.1 Element Fault
SHP071	134	'5608825_/_5608822'		10	10	10	1.56	2.4	10	4.44 No	1.56 Thermal Discharging
SHP071	135	'6631581_/_6631579'		10	10	10	1.56	10	10	4.44 No	1.56 Thermal Discharging
SHP071	136	'6629882_/_6629879_2'	3.33	3.33	3.33	0.52	0.4	3.33	1.48 No	0.4 Element Fault	
SHP071	137	'8985179_/_8985177_1'		10	10	10	1.56	1.4	10	4.44 No	1.4 Element Fault
SHP071	138	'43957395_/_6635215'		10	10	10	1.56	10	10	4.44 No	1.56 Thermal Discharging
SHP071	139	'8090773_/_8090770_1'		10	10	10	1.56	0.9	10	4.44 No	0.9 Element Fault
SHP071	140	'5609757_/_43747159'		10	10	10	1.56	1	10	4.44 No	1 Element Fault
SHP071	141	'5608418_/_43746887'		10	10	10	1.56	1	10	4.44 No	1 Element Fault
SHP071	142	'6631565_/_6635198'		10	10	10	1.56	10	10	4.44 No	1.56 Thermal Discharging
SHP071	143	'6631548_/_6631562'		10	10	10	1.56	10	10	4.44 No	1.56 Thermal Discharging
SHP071	144	'6630011_/_6633214'		10	10	10	1.56	1.4	10	4.44 No	1.4 Element Fault
SHP071	145	'6631528_/_6631545_2'		10	10	10	1.56	10	10	4.44 No	1.56 Thermal Discharging
SHP071	146	'43957382_/_6631545_1'		10	10	10	1.56	10	10	4.44 No	1.56 Thermal Discharging
SHP071	147	'6630230_/_6631525'		10	10	10	1.56	10	10	4.44 No	1.56 Thermal Discharging
SHP071	148	'43746909_/_43746911'	3.33	3.33	3.33	0.52	0.3	3.33	1.48 No	0.3 Element Fault	
SHP071	149	'754124789_/_6629989_1'		10	10	10	1.56	2.6	10	4.44 No	1.56 Thermal Discharging
SHP071	150	'6629898_/_6629895'	3.33	3.33	3.33	0.52	0.4	3.33	1.48 No	0.4 Element Fault	
SHP071	151	'43747109_/_43747111'	3.33	3.33	3.33	0.52	0.8	3.33	1.48 No	0.52 Thermal Discharging	
SHP071	152	'6631491_/_6631508'		10	10	10	1.56	10	10	4.44 No	1.56 Thermal Discharging
SHP071	153	'6630145_/_6630143_1'	3.33	3.33	3.33	0.52	0.4	3.33	1.48 No	0.4 Element Fault	
SHP071	154	'43957491_/_6632614'		10	10	10	1.56	1.5	10	4.44 No	1.5 Element Fault
SHP071	155	'6632316_/_6632314'	3.33	3.33	3.33	0.52	0.57	3.33	1.48 No	0.52 Thermal Discharging	
SHP071	156	'119037520_/_6631488'		10	10	10	1.56	10	10	4.44 No	1.56 Thermal Discharging
SHP071	157	'5609284_/_5609281_2'	3.33	3.33	3.33	0.52	0.8	3.33	1.48 No	0.52 Thermal Discharging	
SHP071	158	'87663327_/_108685671'		10	10	10	1.56	1.4	10	4.44 No	1.4 Element Fault
SHP071	159	'119037541_/_119037462'		10	10	10	1.56	10	10	4.44 No	1.56 Thermal Discharging
SHP071	160	'119037419_/_119037433'		10	10	10	1.56	10	10	4.44 No	1.56 Thermal Discharging
SHP071	161	'651483633_/_8985177_2'		10	10	10	1.56	1.4	10	4.44 No	1.4 Element Fault
SHP071	162	'6632846_/_6632857_2'	3.33	3.33	3.33	0.52	0.4	3.33	1.48 No	0.4 Element Fault	
SHP071	163	'43957356_/_119037416'		10	10	10	1.56	10	10	4.44 No	1.56 Thermal Discharging
SHP071	164	'599679148_/_6631437'		10	10	10	1.56	10	10	4.44 No	1.56 Thermal Discharging
SHP071	165	'5609271_/_5609281_1'	3.33	3.33	3.33	0.52	0.4	3.33	1.48 No	0.4 Element Fault	
SHP071	166	'6630093_/_6630107_1'		10	10	10	1.56	1.5	10	4.44 No	1.5 Element Fault
SHP071	167	'599678879_/_599678883'		10	10	10	1.56	10	10	4.44 No	1.56 Thermal Discharging
SHP071	168	'599679168_/_599679156'		10	10	10	1.56	10	10	4.44 No	1.56 Thermal Discharging
SHP071	169	'8985180_/_651483657'		10	10	10	1.56	1.4	10	4.44 No	1.4 Element Fault
SHP071	170	'6629992_/_6629989_2'		10	10	10	1.56	2.6	10	4.44 No	1.56 Thermal Discharging
SHP071	171	'5609404_/_5609401'		10	10	10	1.56	2.4	10	4.44 No	1.56 Thermal Discharging
SHP071	172	'599678993_/_599679090'		10	10	10	1.56	10	10	4.44 No	1.56 Thermal Discharging
SHP071	173	'6632935_/_6632933'		10	10	10	1.56	10	10	4.44 No	1.56 Thermal Discharging
SHP071	174	'405182884_/_6630047'		10	10	10	1.56	1.5	10	4.44 No	1.5 Element Fault
SHP071	175	'6629911_/_6629908'	3.33	3.33	3.33	0.52	0.4	3.33	1.48 No	0.4 Element Fault	
SHP071	176	'43957755_/_6632967'		10	10	10	1.56	10	10	4.44 No	1.56 Thermal Discharging
SHP071	177	'588218315_/_6630107_2'		10	10	10	1.56	1.5	10	4.44 No	1.5 Element Fault
SHP071	178	'6630146_/_6630143_2'	3.33	3.33	3.33	0.52	0.4	3.33	1.48 No	0.4 Element Fault	
SHP071	179	'6632875_/_43957757'		10	10	10	1.56	10	10	4.44 No	1.56 Thermal Discharging
SHP071	180	'346909164_/_43958316'		10	10	10	1.56	4.5	10	4.44 No	1.56 Thermal Discharging
SHP071	181	'588218633_/_588218590_1'		10	10	10	1.56	0.9	10	4.44 No	0.9 Element Fault
SHP071	182	'9662858_/_328457936_2'		10	10	10	1.56	4.5	10	4.44 No	1.56 Thermal Discharging
SHP071	183	'43956976_/_6635178'		10	10	10	1.56	10	10	4.44 No	1.56 Thermal Discharging
SHP071	184	'6632898_/_6632896'		10	10	10	1.56	10	10	4.44 No	1.56 Thermal Discharging
SHP071	185	'6632915_/_6632913'		10	10	10	1.56	10	10	4.44 No	1.56 Thermal Discharging
SHP071	186	'6636010_/_6641764_2'		10	10	10	1.56	10	10	4.44 No	1.56 Thermal Discharging
SHP071	187	'8090612_/_9035015_2'		10	10	10	1.56	4.2	10	4.44 No	1.56 Thermal Discharging
SHP071	188	'6629270_/_6632469_1'	3.33	3.33	3.33	0.52	0.4	3.33	1.48 No	0.4 Element Fault	
SHP071	189	'6630050_/_405182888'		10	10	10	1.56	1.5	10	4.44 No	1.5 Element Fault
SHP071	190	'7455827_/_8090530_1'		10	10	10	1.56	0.9	10	4.44 No	0.9 Element Fault
SHP071	191	'5609255_/_5609268'	3.33	3.33	3.33	0.52	0.4	3.33	1.48 No	0.4 Element Fault	
SHP071	192	'6632427_/_6632404'		10	10	10	1.56	2.6	10	4.44 No	1.56 Thermal Discharging
SHP071	193	'6641766_/_6641764_1'		10	10	10	1.56	10	10	4.44 No	1.56 Thermal Discharging
SHP071	194	'6630012_/_6630009'	6.67	6.67	6.67	1.04	0.93	6.67	2.96 No	0.93 Element Fault	
SHP071	195	'5609361_/_5609418'		10	10	10	1.56	2.4	10	4.44 No	1.56 Thermal Discharging
SHP071	196	'84382309_/_9350160_1'		10	10	10	1.56	2.6	10	4.44 No	1.56 Thermal Discharging
SHP071	197	'565471646_/_565471650'		10	10	10	1.56	10	10	4.44 No	1.56 Thermal Discharging
SHP071	198	'6641863_/_6641861'		10	10	10	1.56	10	10	4.44 No	1.56 Thermal Discharging
SHP071	199	'43957345_/_588218321'		10	10	10	1.56	1.5	10	4.44 No	1.5 Element Fault
SHP071	200	'6641847_/_6641881_2'		10	10	10	1.56	10	10	4.44 No	1.56 Thermal Discharging
SHP071	201	'43957847_/_6641881_1'		10	10	10	1.56	10	10	4.44 No	1.56 Thermal Discharging
SHP071	202	'43746898_/_43746900'	3.33	3.33	3.33	0.52	0.3	3.33	1.48 No	0.3 Element Fault	
SHP071	203	'43957421_/_6629921'	3.33	3.33	3.33	0.52	0.4	3.33	1.48 No	0.4 Element Fault	
SHP071	204	'6630159_/_6630156'	3.33	3.33	3.33	0.52	0.4	3.33	1.48 No	0.4 Element Fault	
SHP071	205	'6632458_/_6632469_2'	3.33	3.33	3.33	0.52	0.4	3.33	1.48 No	0.4 Element Fault	
SHP071	206	'43956895_/_43956897'		10	10	10	1.56	10	10	4.44 No	1.56 Thermal Discharging
SHP071	207	'5609344_/_5609358'		10	10	10	1.56	2.4	10	4.44 No	1.56 Thermal Discharging
SHP071	208	'6641642_/_6641656'		10	10	10	1.56	10	10	4.44 No	1.56 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SHP071	209	'415880142_/_415880091_1'		10	10	10	1.56	1.5	10	4.44 No	1.5 Element Fault
SHP071	210	'6632444_/_6632441'		6.67	6.67	6.67	1.04	1.73	6.67	2.96 No	1.04 Thermal Discharging
SHP071	211	'6641622_/_6641639'		10	10	10	1.56	10	10	4.44 No	1.56 Thermal Discharging
SHP071	212	'5609441_/_5609438'		3.33	3.33	3.33	0.52	0.8	3.33	1.48 No	0.52 Thermal Discharging
SHP071	213	'9612144_/_415880091_2'		10	10	10	1.56	1.5	10	4.44 No	1.5 Element Fault
SHP071	214	'6641156_/_6641619'		10	10	10	1.56	10	10	4.44 No	1.56 Thermal Discharging
SHP071	215	'9662859_/_328457936_1'		10	10	10	1.56	1.4	10	4.44 No	1.4 Element Fault
SHP071	216	'7455943_/_7769415_1'		3.33	3.33	3.33	0.52	0.4	3.33	1.48 No	0.4 Element Fault
SHP071	217	'6641675_/_6641673'		10	10	10	1.56	10	10	4.44 No	1.56 Thermal Discharging
SHP071	218	'43747098_/_43747100'		3.33	3.33	3.33	0.52	0.4	3.33	1.48 No	0.4 Element Fault
SHP071	219	'5609327_/_5609341'		10	10	10	1.56	2.4	10	4.44 No	1.56 Thermal Discharging
SHP071	220	'8090533_/_8090530_2'		10	10	10	1.56	0.9	10	4.44 No	0.9 Element Fault
SHP071	221	'6632459_/_6632456'		3.33	3.33	3.33	0.52	0.4	3.33	1.48 No	0.4 Element Fault
SHP071	222	'37978614_/_9350160_2'		10	10	10	1.56	2.6	10	4.44 No	1.56 Thermal Discharging
SHP071	223	'37978621_/_37978618'		10	10	10	1.56	2.6	10	4.44 No	1.56 Thermal Discharging
SHP071	224	'37978628_/_37978625'		10	10	10	1.56	2.6	10	4.44 No	1.56 Thermal Discharging
SHP071	225	'37978642_/_37978646'		10	10	10	1.56	2.6	10	4.44 No	1.56 Thermal Discharging
SHP071	226	'37978656_/_37978653'		10	10	10	1.56	2.6	10	4.44 No	1.56 Thermal Discharging
SHP071	227	'6641692_/_6641690'		10	10	10	1.56	10	10	4.44 No	1.56 Thermal Discharging
SHP071	228	'43957333_/_43957335'		3.33	3.33	3.33	0.52	0.5	3.33	1.48 No	0.5 Element Fault
SHP071	229	'6641510_/_6641804'		10	10	10	1.56	10	10	4.44 No	1.56 Thermal Discharging
SHP071	230	'7769418_/_7769415_2'		3.33	3.33	3.33	0.52	0.4	3.33	1.48 No	0.4 Element Fault
SHP071	231	'7769282_/_7769279'		3.33	3.33	3.33	0.52	0.87	3.33	1.48 No	0.52 Thermal Discharging
SHP071	232	'6641495_/_6641508'		3.33	3.33	3.33	0.52	1.1	3.33	1.48 No	0.52 Thermal Discharging
SHP071	233	'43956870_/_6641784'		10	10	10	1.56	10	10	4.44 No	1.56 Thermal Discharging
SHP071	234	'8090593_/_8090590'		10	10	10	1.56	2.6	10	4.44 No	1.56 Thermal Discharging
SHP071	235	'6641829_/_6641827'		10	10	10	1.56	10	10	4.44 No	1.56 Thermal Discharging
SHP071	236	'8090552_/_9034923'		10	10	10	1.56	0.9	10	4.44 No	0.9 Element Fault
SHP071	237	'6629966_/_6630169'		3.33	3.33	3.33	0.52	0.4	3.33	1.48 No	0.4 Element Fault
SHP071	238	'144248418_/_6630064_2'		3.33	3.33	3.33	0.52	0.5	3.33	1.48 No	0.5 Element Fault
SHP071	239	'6641157_/_6641154'		6.67	6.67	6.67	1.04	2.8	6.67	2.96 No	1.04 Thermal Discharging
SHP071	240	'6641918_/_6641932'		10	10	10	1.56	10	10	4.44 No	1.56 Thermal Discharging
SHP071	241	'5608537_/_5608535'		3.33	3.33	3.33	0.52	0.3	3.33	1.48 No	0.3 Element Fault
SHP071	242	'43747085_/_5609324'		10	10	10	1.56	2.4	10	4.44 No	1.56 Thermal Discharging
SHP071	243	'43957899_/_6641915'		10	10	10	1.56	10	10	4.44 No	1.56 Thermal Discharging
SHP071	244	'9035017_/_9035015_1'		10	10	10	1.56	1.5	10	4.44 No	1.5 Element Fault
SHP071	245	'5609226_/_5609236'		3.33	3.33	3.33	0.52	0.4	3.33	1.48 No	0.4 Element Fault
SHP071	246	'6629965_/_6629963'		3.33	3.33	3.33	0.52	0.4	3.33	1.48 No	0.4 Element Fault
SHP071	247	'6641605_/_6641898'		10	10	10	1.56	10	10	4.44 No	1.56 Thermal Discharging
SHP071	248	'43956857_/_6641602'		10	10	10	1.56	10	10	4.44 No	1.56 Thermal Discharging
SHP071	249	'588218556_/_588218590_2'		10	10	10	1.56	0.9	10	4.44 No	0.9 Element Fault
SHP071	250	'6641587_/_6641585'		10	10	10	1.56	10	10	4.44 No	1.56 Thermal Discharging
SHP071	251	'6641494_/_6641492'		3.33	3.33	3.33	0.52	0.4	3.33	1.48 No	0.4 Element Fault
SHP071	252	'6640648_/_6641744'		10	10	10	1.56	10	10	4.44 No	1.56 Thermal Discharging
SHP071	253	'588218574_/_588218642'		10	10	10	1.56	0.9	10	4.44 No	0.9 Element Fault
SHP071	254	'6629758_/_6630064_1'		3.33	3.33	3.33	0.52	0.3	3.33	1.48 No	0.3 Element Fault
SHP071	255	'6641554_/_6641568'		10	10	10	1.56	10	10	4.44 No	1.56 Thermal Discharging
SHP071	256	'6640636_/_6641551'		10	10	10	1.56	10	10	4.44 No	1.56 Thermal Discharging
SHP071	257	'6629979_/_6629976'		3.33	3.33	3.33	0.52	0.4	3.33	1.48 No	0.4 Element Fault
SHP071	258	'6641048_/_6641061'		3.33	3.33	3.33	0.52	1.1	3.33	1.48 No	0.52 Thermal Discharging
SHP071	259	'6640635_/_6641128_2'		3.33	3.33	3.33	0.52	1	3.33	1.48 No	0.52 Thermal Discharging
SHP071	260	'6641729_/_6641727'		10	10	10	1.56	10	10	4.44 No	1.56 Thermal Discharging
SHP071	261	'5609225_/_5609223'		3.33	3.33	3.33	0.52	0.4	3.33	1.48 No	0.4 Element Fault
SHP071	262	'8090553_/_8090550'		10	10	10	1.56	0.9	10	4.44 No	0.9 Element Fault
SHP071	263	'5609309_/_5609307'		10	10	10	1.56	2.4	10	4.44 No	1.56 Thermal Discharging
SHP071	264	'6643217_/_6643214'		10	10	10	1.56	10	10	4.44 No	1.56 Thermal Discharging
SHP071	265	'6641537_/_6643234'		10	10	10	1.56	10	10	4.44 No	1.56 Thermal Discharging
SHP071	266	'7888034_/_7888051'		10	10	10	1.56	2.6	10	4.44 No	1.56 Thermal Discharging
SHP071	267	'43957443_/_43957445'		3.33	3.33	3.33	0.52	0.4	3.33	1.48 No	0.4 Element Fault
SHP071	268	'6635872_/_6641534'		10	10	10	1.56	10	10	4.44 No	1.56 Thermal Discharging
SHP071	269	'6635889_/_6635886'		10	10	10	1.56	10	10	4.44 No	1.56 Thermal Discharging
SHP071	270	'43955937_/_43955939'		10	10	10	1.56	10	10	4.44 No	1.56 Thermal Discharging
SHP071	271	'6641118_/_6641128_1'		3.33	3.33	3.33	0.52	0.4	3.33	1.48 No	0.4 Element Fault
SHP071	272	'43955950_/_6635903'		10	10	10	1.56	10	10	4.44 No	1.56 Thermal Discharging
SHP071	273	'130088842_/_6635923_1'		10	10	10	1.56	10	10	4.44 No	1.56 Thermal Discharging
SHP071	274	'6642179_/_6642193'		10	10	10	1.56	10	10	4.44 No	1.56 Thermal Discharging
SHP071	275	'6629772_/_6629769'		3.33	3.33	3.33	0.52	0.3	3.33	1.48 No	0.3 Element Fault
SHP071	276	'7888033_/_7888031'		10	10	10	1.56	1.8	10	4.44 No	1.56 Thermal Discharging
SHP071	277	'6640623_/_6641115'		3.33	3.33	3.33	0.52	0.4	3.33	1.48 No	0.4 Element Fault
SHP071	278	'6635852_/_6642176'		10	10	10	1.56	10	10	4.44 No	1.56 Thermal Discharging
SHP071	279	'43747072_/_43747074'		10	10	10	1.56	2.4	10	4.44 No	1.56 Thermal Discharging
SHP071	280	'6632373_/_9034995'		10	10	10	1.56	1.8	10	4.44 No	1.56 Thermal Discharging
SHP071	281	'6635851_/_6635849'		10	10	10	1.56	10	10	4.44 No	1.56 Thermal Discharging
SHP071	282	'6640649_/_6640646'		10	10	10	1.56	3.5	10	4.44 No	1.56 Thermal Discharging
SHP071	283	'43955924_/_43955926'		10	10	10	1.56	10	10	4.44 No	1.56 Thermal Discharging
SHP071	284	'674745978_/_8358124_1'		10	10	10	1.56	1.6	10	4.44 No	1.56 Thermal Discharging
SHP071	285	'674745995_/_674745897'		3.33	3.33	3.33	0.52	0.8	3.33	1.48 No	0.52 Thermal Discharging
SHP071	286	'6632352_/_6632370'		10	10	10	1.56	1.8	10	4.44 No	1.56 Thermal Discharging
SHP071	287	'52547831_/_52547838'		10	10	10	1.56	0.9	10	4.44 No	0.9 Element Fault
SHP071	288	'6643577_/_6643575'		10	10	10	1.56	10	10	4.44 No	1.56 Thermal Discharging
SHP071	289	'6641047_/_6641045'		3.33	3.33	3.33	0.52	0.4	3.33	1.48 No	0.4 Element Fault
SHP071	290	'6643595_/_6643592'		10	10	10	1.56	10	10	4.44 No	1.56 Thermal Discharging
SHP071	291	'43956987_/_6632350'		10	10	10	1.56	1.8	10	4.44 No	1.56 Thermal Discharging
SHP071	292	'8358127_/_8358124_2'		10	10	10	1.56	1.6	10	4.44 No	1.56 Thermal Discharging
SHP071	293	'6643499_/_6643609'		10	10	10	1.56	10	10	4.44 No	1.56 Thermal Discharging
SHP071	294	'6643512_/_6643642_1'		6.67	6.67	6.67	1.04	1	6.67	2.96 No	1 Element Fault
SHP071	295	'52547921_/_52547879_1'		10	10	10	1.56	0.9	10	4.44 No	0.9 Element Fault
SHP071	296	'43958292_/_43958294'		3.33	3.33	3.33	0.52	1.5	3.33	1.48 No	0.52 Thermal Discharging
SHP071	297	'43958266_/_6643542'		10	10	10	1.56	10	10	4.44 No	1.56 Thermal Discharging
SHP071	298	'43956846_/_6640620'		3.33	3.33	3.33	0.52	0.4	3.33	1.48 No	0.4 Element Fault
SHP071	299	'6632353_/_43956989'		10	10	10	1.56	1.8	10	4.44 No	1.56 Thermal Discharging
SHP071	300	'6643527_/_6643642_2'		6.67	6.67	6.67	1.04	1	6.67	2.96 No	1 Element Fault
SHP071	301	'6641965_/_43955319_2'		3.33	3.33	3.33	0.52	1	3.33	1.48 No	0.52 Thermal Discharging
SHP071	302	'69455811_/_52547879_2'		10	10	10	1.56	0.9	10	4.44 No	0.9 Element Fault

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SHP071	303	'6643038_/_43958187_1'	3.33	3.33	3.33	0.52	0.4	3.33	1.48 No	0.4 Element Fault	
SHP071	304	'6643380_/_6643394'	10	10	10	1.56	10	10	4.44 No	1.56 Thermal Discharging	
SHP071	305	'6629937_/_6629947'	3.33	3.33	3.33	0.52	0.4	3.33	1.48 No	0.4 Element Fault	
SHP071	306	'6643363_/_6643377'	10	10	10	1.56	10	10	4.44 No	1.56 Thermal Discharging	
SHP071	307	'6629785_/_6629782'	3.33	3.33	3.33	0.52	0.3	3.33	1.48 No	0.3 Element Fault	
SHP071	308	'6643362_/_6643360'	10	10	10	1.56	10	10	4.44 No	1.56 Thermal Discharging	
SHP071	309	'69455812_/_43957061'	3.33	3.33	3.33	0.52	0.3	3.33	1.48 No	0.3 Element Fault	
SHP071	310	'6632390_/_6632387'	10	10	10	1.56	1.8	10	4.44 No	1.56 Thermal Discharging	
SHP071	311	'43958279_/_6643411'	10	10	10	1.56	10	10	4.44 No	1.56 Thermal Discharging	
SHP071	312	'7407673_/_8358144'	10	10	10	1.56	1.6	10	4.44 No	1.56 Thermal Discharging	
SHP071	313	'6643333_/_6643462'	10	10	10	1.56	10	10	4.44 No	1.56 Thermal Discharging	
SHP071	314	'43958091_/_6640666'	10	10	10	1.56	3.5	10	4.44 No	1.56 Thermal Discharging	
SHP071	315	'50451316_/_7888207_1'	10	10	10	1.56	1.8	10	4.44 No	1.56 Thermal Discharging	
SHP071	316	'43956845_/_6640604'	3.33	3.33	3.33	0.52	0.4	3.33	1.48 No	0.4 Element Fault	
SHP071	317	'6643431_/_6643445'	10	10	10	1.56	10	10	4.44 No	1.56 Thermal Discharging	
SHP071	318	'6643039_/_43958187_2'	3.33	3.33	3.33	0.52	0.4	3.33	1.48 No	0.4 Element Fault	
SHP071	319	'6640669_/_6640683_1'	10	10	10	1.56	2.4	10	4.44 No	1.56 Thermal Discharging	
SHP071	320	'6643346_/_6643428'	10	10	10	1.56	10	10	4.44 No	1.56 Thermal Discharging	
SHP071	321	'344481736_/_6643343_1'	10	10	10	1.56	10	10	4.44 No	1.56 Thermal Discharging	
SHP071	322	'6640503_/_6643320_2'	3.33	3.33	3.33	0.52	1	3.33	1.48 No	0.52 Thermal Discharging	
SHP071	323	'43956800_/_6643330_1'	3.33	3.33	3.33	0.52	0.5	3.33	1.48 No	0.5 Element Fault	
SHP071	324	'43955317_/_43955319_1'	3.33	3.33	3.33	0.52	0.5	3.33	1.48 No	0.5 Element Fault	
SHP071	325	'6629936_/_43957434'	3.33	3.33	3.33	0.52	0.4	3.33	1.48 No	0.4 Element Fault	
SHP071	326	'6640686_/_6640683_2'	10	10	10	1.56	2.4	10	4.44 No	1.56 Thermal Discharging	
SHP071	327	'6641377_/_6643524'	6.67	6.67	6.67	1.04	1	6.67	2.96 No	1 Element Fault	
SHP071	328	'132938111_/_6640733_2'	10	10	10	1.56	2.4	10	4.44 No	1.56 Thermal Discharging	
SHP071	329	'7407672_/_7407670'	10	10	10	1.56	1.6	10	4.44 No	1.56 Thermal Discharging	
SHP071	330	'6629798_/_6629795'	3.33	3.33	3.33	0.52	0.3	3.33	1.48 No	0.3 Element Fault	
SHP071	331	'6633155_/_6633152'	3.33	3.33	3.33	0.52	0.6	3.33	1.48 No	0.52 Thermal Discharging	
SHP071	332	'8665791_/_8665789'	10	10	10	1.56	1.6	10	4.44 No	1.56 Thermal Discharging	
SHP071	333	'6640490_/_6640513'	3.33	3.33	3.33	0.52	0.5	3.33	1.48 No	0.5 Element Fault	
SHP071	334	'6640736_/_6640733_1'	10	10	10	1.56	1.4	10	4.44 No	1.4 Element Fault	
SHP071	335	'6640703_/_6640700'	10	10	10	1.56	2.4	10	4.44 No	1.56 Thermal Discharging	
SHP071	336	'6641378_/_6641375'	6.67	6.67	6.67	1.04	1	6.67	2.96 No	1 Element Fault	
SHP071	337	'8985220_/_8985329'	10	10	10	1.56	1.6	10	4.44 No	1.56 Thermal Discharging	
SHP071	338	'6629811_/_6629808'	3.33	3.33	3.33	0.52	0.3	3.33	1.48 No	0.3 Element Fault	
SHP071	339	'6642212_/_6642210'	3.33	3.33	3.33	0.52	0.5	3.33	1.48 No	0.5 Element Fault	
SHP071	340	'85797910_/_73637879_1'	3.33	3.33	3.33	0.52	0.1	3.33	1.48 No	0.1 Element Fault	
SHP071	341	'43958209_/_6640746'	3.33	3.33	3.33	0.52	0.47	3.33	1.48 No	0.47 Element Fault	
SHP071	342	'6640898_/_6640895'	10	10	10	1.56	2.4	10	4.44 No	1.56 Thermal Discharging	
SHP071	343	'6638230_/_6638227'	3.33	3.33	3.33	0.52	0.6	3.33	1.48 No	0.52 Thermal Discharging	
SHP071	344	'7455978_/_7888207_2'	10	10	10	1.56	1.8	10	4.44 No	1.56 Thermal Discharging	
SHP071	345	'6641393_/_6641390'	6.67	6.67	6.67	1.04	1	6.67	2.96 No	1 Element Fault	
SHP071	346	'6640223_/_6640487'	3.33	3.33	3.33	0.52	0.5	3.33	1.48 No	0.5 Element Fault	
SHP071	347	'8044490_/_8985217'	10	10	10	1.56	1.6	10	4.44 No	1.56 Thermal Discharging	
SHP071	348	'6640914_/_6641175'	10	10	10	1.56	2.4	10	4.44 No	1.56 Thermal Discharging	
SHP071	349	'43957311_/_6629821'	3.33	3.33	3.33	0.52	0.3	3.33	1.48 No	0.3 Element Fault	
SHP071	350	'7455979_/_7455976'	10	10	10	1.56	1.8	10	4.44 No	1.56 Thermal Discharging	
SHP071	351	'352230190_/_6640221_1'	3.33	3.33	3.33	0.52	0.3	3.33	1.48 No	0.3 Element Fault	
SHP071	352	'6642636_/_6642646'	3.33	3.33	3.33	0.52	0.5	3.33	1.48 No	0.5 Element Fault	
SHP071	353	'6640762_/_6640759'	3.33	3.33	3.33	0.52	0.47	3.33	1.48 No	0.47 Element Fault	
SHP071	354	'6640224_/_6640221_2'	3.33	3.33	3.33	0.52	0.3	3.33	1.48 No	0.3 Element Fault	
SHP071	355	'55953166_/_55953163'	3.33	3.33	3.33	0.52	0.6	3.33	1.48 No	0.52 Thermal Discharging	
SHP071	356	'6635484_/_6641405'	6.67	6.67	6.67	1.04	1	6.67	2.96 No	1 Element Fault	
SHP071	357	'6640915_/_6640912'	10	10	10	1.56	2.4	10	4.44 No	1.56 Thermal Discharging	
SHP071	358	'6640195_/_6640205'	3.33	3.33	3.33	0.52	0.5	3.33	1.48 No	0.5 Element Fault	
SHP071	359	'8044491_/_8044488'	10	10	10	1.56	1.6	10	4.44 No	1.56 Thermal Discharging	
SHP071	360	'7888289_/_8090710'	10	10	10	1.56	1.8	10	4.44 No	1.56 Thermal Discharging	
SHP071	361	'43958231_/_6640772'	3.33	3.33	3.33	0.52	0.47	3.33	1.48 No	0.47 Element Fault	
SHP071	362	'6641991_/_6642633'	3.33	3.33	3.33	0.52	0.5	3.33	1.48 No	0.5 Element Fault	
SHP071	363	'6640932_/_6640929'	10	10	10	1.56	2.4	10	4.44 No	1.56 Thermal Discharging	
SHP071	364	'6642153_/_6642150'	3.33	3.33	3.33	0.52	0.3	3.33	1.48 No	0.3 Element Fault	
SHP071	365	'157407177_/_157407121_1'	10	10	10	1.56	1.5	10	4.44 No	1.5 Element Fault	
SHP071	366	'157407103_/_157407121_2'	10	10	10	1.56	1.5	10	4.44 No	1.5 Element Fault	
SHP071	367	'6635485_/_6635482'	6.67	6.67	6.67	1.04	1	6.67	2.96 No	1 Element Fault	
SHP071	368	'6640356_/_6642004'	3.33	3.33	3.33	0.52	0.5	3.33	1.48 No	0.5 Element Fault	
SHP071	369	'6641990_/_6641988'	3.33	3.33	3.33	0.52	0.5	3.33	1.48 No	0.5 Element Fault	
SHP071	370	'6635680_/_6635690_1'	3.33	3.33	3.33	0.52	0.3	3.33	1.48 No	0.3 Element Fault	
SHP071	371	'43955328_/_43955330'	3.33	3.33	3.33	0.52	0.5	3.33	1.48 No	0.5 Element Fault	
SHP071	372	'6640788_/_6640785'	3.33	3.33	3.33	0.52	0.47	3.33	1.48 No	0.47 Element Fault	
SHP071	373	'6640194_/_6642137_2'	3.33	3.33	3.33	0.52	0.5	3.33	1.48 No	0.5 Element Fault	
SHP071	374	'6640344_/_6640354'	3.33	3.33	3.33	0.52	0.5	3.33	1.48 No	0.5 Element Fault	
SHP071	375	'6641361_/_43957233'	3.33	3.33	3.33	0.52	0.5	3.33	1.48 No	0.5 Element Fault	
SHP071	376	'6641978_/_6642017'	3.33	3.33	3.33	0.52	0.5	3.33	1.48 No	0.5 Element Fault	
SHP071	377	'383140897_/_383140894'	3.33	3.33	3.33	0.52	0.6	3.33	1.48 No	0.52 Thermal Discharging	
SHP071	378	'6640237_/_6642163'	3.33	3.33	3.33	0.52	0.3	3.33	1.48 No	0.3 Element Fault	
SHP071	379	'6640951_/_6641195'	10	10	10	1.56	2.4	10	4.44 No	1.56 Thermal Discharging	
SHP071	380	'230414992_/_6640341_2'	3.33	3.33	3.33	0.52	0.5	3.33	1.48 No	0.5 Element Fault	
SHP071	381	'6635693_/_6635690_2'	3.33	3.33	3.33	0.52	0.3	3.33	1.48 No	0.3 Element Fault	
SHP071	382	'6641232_/_6641230_1'	10	10	10	1.56	1.4	10	4.44 No	1.4 Element Fault	
SHP071	383	'754124778_/_6640234_2'	3.33	3.33	3.33	0.52	0.3	3.33	1.48 No	0.3 Element Fault	
SHP071	384	'7720841_/_8358264'	7.2	10	10	1.56	1.6	10	4.44 No	1.56 Thermal Discharging	
SHP071	385	'6643909_/_6643906'	3.33	3.33	3.33	0.52	0.47	3.33	1.48 No	0.47 Element Fault	
SHP071	386	'6641214_/_6641230_2'	10	10	10	1.56	1.4	10	4.44 No	1.4 Element Fault	
SHP071	387	'73637868_/_73637879_2'	3.33	3.33	3.33	0.52	0.1	3.33	1.48 No	0.1 Element Fault	
SHP071	388	'7456091_/_8715492_1'	3.33	3.33	3.33	0.52	0.3	3.33	1.48 No	0.3 Element Fault	
SHP071	389	'6640250_/_43955374'	3.33	3.33	3.33	0.52	0.3	3.33	1.48 No	0.3 Element Fault	
SHP071	390	'43957242_/_6635497'	6.67	6.67	6.67	1.04	1	6.67	2.96 No	1 Element Fault	
SHP071	391	'6640370_/_6640367'	3.33	3.33	3.33	0.52	0.5	3.33	1.48 No	0.5 Element Fault	
SHP071	392	'43955339_/_6642137_1'	3.33	3.33	3.33	0.52	0.5	3.33	1.48 No	0.5 Element Fault	
SHP071	393	'6640236_/_6640234_1'	3.33	3.33	3.33	0.52	0.1	3.33	1.48 No	0.1 Element Fault	
SHP071	394	'6641977_/_6641975'	3.33	3.33	3.33	0.52	0.5	3.33	1.48 No	0.5 Element Fault	
SHP071	395	'6635640_/_6635703'	3.33	3.33	3.33	0.52	0.3	3.33	1.48 No	0.3 Element Fault	
SHP071	396	'43956090_/_6640341_1'	3.33	3.33	3.33	0.52	0.3	3.33	1.48 No	0.3 Element Fault	

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SHP071	397	'6636027_/_6640380'	3.33	3.33	3.33	0.52	0.5	3.33	1.48 No	0.5	Element Fault
SHP071	398	'6641215_/_6641212'	10	10	10	1.56	1.4	10	4.44 No	1.4	Element Fault
SHP071	399	'370602043_/_370602040'	10	10	10	1.56	1.4	10	4.44 No	1.4	Element Fault
SHP071	400	'6642226_/_6642236'	3.33	3.33	3.33	0.52	0.1	3.33	1.48 No	0.1	Element Fault
SHP071	401	'6640169_/_6640179'	3.33	3.33	3.33	0.52	0.5	3.33	1.48 No	0.5	Element Fault
SHP071	402	'6640952_/_6640949'	10	10	10	1.56	2.4	10	4.44 No	1.56	Thermal Discharging
SHP071	403	'383140911_/_383140908'	3.33	3.33	3.33	0.52	0.6	3.33	1.48 No	0.52	Thermal Discharging
SHP071	404	'6640396_/_6640393'	3.33	3.33	3.33	0.52	0.5	3.33	1.48 No	0.5	Element Fault
SHP071	405	'43957790_/_43957792'	3.33	3.33	3.33	0.52	0.5	3.33	1.48 No	0.5	Element Fault
SHP071	406	'7888290_/_7888287'	10	10	10	1.56	1.8	10	4.44 No	1.56	Thermal Discharging
SHP071	407	'6640315_/_6640328'	3.33	3.33	3.33	0.52	0.3	3.33	1.48 No	0.3	Element Fault
SHP071	408	'6635515_/_43957244'	6.67	6.67	6.67	1.04	1	6.67	2.96 No	1	Element Fault
SHP071	409	'6642225_/_6642223'	3.33	3.33	3.33	0.52	0.1	3.33	1.48 No	0.1	Element Fault
SHP071	410	'6640409_/_6640406'	3.33	3.33	3.33	0.52	0.5	3.33	1.48 No	0.5	Element Fault
SHP071	411	'6635641_/_6635638'	3.33	3.33	3.33	0.52	0.3	3.33	1.48 No	0.3	Element Fault
SHP071	412	'6636028_/_6636025'	3.33	3.33	3.33	0.52	0.5	3.33	1.48 No	0.5	Element Fault
SHP071	413	'6635666_/_6635664'	3.33	3.33	3.33	0.52	0.3	3.33	1.48 No	0.3	Element Fault
SHP071	414	'6635838_/_6635836'	3.33	3.33	3.33	0.52	0.3	3.33	1.48 No	0.3	Element Fault
SHP071	415	'6640969_/_6640966'	10	10	10	1.56	2.4	10	4.44 No	1.56	Thermal Discharging
SHP071	416	'8715495_/_8715492_2'	3.33	3.33	3.33	0.52	0.3	3.33	1.48 No	0.3	Element Fault
SHP071	417	'6640314_/_6640312'	3.33	3.33	3.33	0.52	0.3	3.33	1.48 No	0.3	Element Fault
SHP071	418	'43955350_/_6640166'	3.33	3.33	3.33	0.52	0.5	3.33	1.48 No	0.5	Element Fault
SHP071	419	'6641952_/_6642085'	3.33	3.33	3.33	0.52	0.5	3.33	1.48 No	0.5	Element Fault
SHP071	420	'6640422_/_6640419'	3.33	3.33	3.33	0.52	0.5	3.33	1.48 No	0.5	Element Fault
SHP071	421	'6640529_/_6640526'	3.33	3.33	3.33	0.52	0.3	3.33	1.48 No	0.3	Element Fault
SHP071	422	'6635530_/_6635527'	6.67	6.67	6.67	1.04	1	6.67	2.96 No	1	Element Fault
SHP071	423	'43957993_/_6642295'	10	10	10	1.56	2.4	10	4.44 No	1.56	Thermal Discharging
SHP071	424	'6635825_/_6635823'	3.33	3.33	3.33	0.52	0.3	3.33	1.48 No	0.3	Element Fault
SHP071	425	'43956079_/_43956081'	3.33	3.33	3.33	0.52	0.3	3.33	1.48 No	0.3	Element Fault
SHP071	426	'43957278_/_6635651'	3.33	3.33	3.33	0.52	0.3	3.33	1.48 No	0.3	Element Fault
SHP071	427	'6640542_/_6640539'	3.33	3.33	3.33	0.52	0.3	3.33	1.48 No	0.3	Element Fault
SHP071	428	'6641144_/_6641141'	3.33	3.33	3.33	0.52	0.3	3.33	1.48 No	0.3	Element Fault
SHP071	429	'6641951_/_6641949'	3.33	3.33	3.33	0.52	0.5	3.33	1.48 No	0.5	Element Fault
SHP071	430	'7888249_/_9350316'	10	10	10	1.56	1.8	10	4.44 No	1.56	Thermal Discharging
SHP071	431	'6640155_/_6640153'	3.33	3.33	3.33	0.52	0.5	3.33	1.48 No	0.5	Element Fault
SHP071	432	'6640463_/_6640461'	3.33	3.33	3.33	0.52	0.3	3.33	1.48 No	0.3	Element Fault
SHP071	433	'6635545_/_6635542'	6.67	6.67	6.67	1.04	1	6.67	2.96 No	1	Element Fault
SHP071	434	'6642315_/_43957995'	10	10	10	1.56	2.4	10	4.44 No	1.56	Thermal Discharging
SHP071	435	'43957912_/_43957914'	3.33	3.33	3.33	0.52	0.5	3.33	1.48 No	0.5	Element Fault
SHP071	436	'6640438_/_6640474'	3.33	3.33	3.33	0.52	0.3	3.33	1.48 No	0.3	Element Fault
SHP071	437	'43956824_/_6640552'	3.33	3.33	3.33	0.52	0.3	3.33	1.48 No	0.3	Element Fault
SHP071	438	'43957254_/_6635557'	6.67	6.67	6.67	1.04	1	6.67	2.96 No	1	Element Fault
SHP071	439	'7888250_/_7888247'	10	10	10	1.56	1.8	10	4.44 No	1.56	Thermal Discharging
SHP071	440	'6642332_/_6642329'	10	10	10	1.56	2.4	10	4.44 No	1.56	Thermal Discharging
SHP071	441	'7769469_/_8715474'	10	10	10	1.56	1.8	10	4.44 No	1.56	Thermal Discharging
SHP071	442	'43957768_/_43957770'	3.33	3.33	3.33	0.52	0.5	3.33	1.48 No	0.5	Element Fault
SHP071	443	'6641423_/_43957280'	3.33	3.33	3.33	0.52	0.3	3.33	1.48 No	0.3	Element Fault
SHP071	444	'6642414_/_6642428_1'	10	10	10	1.56	1.5	10	4.44 No	1.5	Element Fault
SHP071	445	'252574557_/_6642111'	3.33	3.33	3.33	0.52	0.5	3.33	1.48 No	0.5	Element Fault
SHP071	446	'7455958_/_7769467'	10	10	10	1.56	1.8	10	4.44 No	1.56	Thermal Discharging
SHP071	447	'7455959_/_7455956'	10	10	10	1.56	1.8	10	4.44 No	1.56	Thermal Discharging
SHP071	448	'43956068_/_43956070'	3.33	3.33	3.33	0.52	0.3	3.33	1.48 No	0.3	Element Fault
SHP071	449	'6642378_/_6642428_2'	10	10	10	1.56	1.5	10	4.44 No	1.5	Element Fault
SHP071	450	'7888230_/_9350336'	10	10	10	1.56	1.8	10	4.44 No	1.56	Thermal Discharging
SHP071	451	'6642448_/_6642445'	10	10	10	1.56	1.5	10	4.44 No	1.5	Element Fault
SHP071	452	'6642033_/_6642043'	3.33	3.33	3.33	0.52	0.5	3.33	1.48 No	0.5	Element Fault
SHP071	453	'43958006_/_6643942'	10	10	10	1.56	2.4	10	4.44 No	1.56	Thermal Discharging
SHP071	454	'252574740_/_6640140'	3.33	3.33	3.33	0.52	0.5	3.33	1.48 No	0.5	Element Fault
SHP071	455	'6640568_/_6640565'	3.33	3.33	3.33	0.52	0.3	3.33	1.48 No	0.3	Element Fault
SHP071	456	'6640437_/_6640435'	3.33	3.33	3.33	0.52	0.3	3.33	1.48 No	0.3	Element Fault
SHP071	457	'43958019_/_6642465'	10	10	10	1.56	1.5	10	4.44 No	1.5	Element Fault
SHP071	458	'6635575_/_43957256'	6.67	6.67	6.67	1.04	1	6.67	2.96 No	1	Element Fault
SHP071	459	'6642362_/_6642375'	3.33	3.33	3.33	0.52	0.5	3.33	1.48 No	0.5	Element Fault
SHP071	460	'6642032_/_6642030'	3.33	3.33	3.33	0.52	0.5	3.33	1.48 No	0.5	Element Fault
SHP071	461	'6641435_/_6641446'	3.33	3.33	3.33	0.52	0.3	3.33	1.48 No	0.3	Element Fault
SHP071	462	'7455998_/_8090730'	10	10	10	1.56	1.8	10	4.44 No	1.56	Thermal Discharging
SHP071	463	'6641077_/_6642359'	3.33	3.33	3.33	0.52	0.5	3.33	1.48 No	0.5	Element Fault
SHP071	464	'6643945_/_43958008'	10	10	10	1.56	2.4	10	4.44 No	1.56	Thermal Discharging
SHP071	465	'6640117_/_6640127'	3.33	3.33	3.33	0.52	0.5	3.33	1.48 No	0.5	Element Fault
SHP071	466	'43957779_/_6642072'	3.33	3.33	3.33	0.52	0.5	3.33	1.48 No	0.5	Element Fault
SHP071	467	'7456106_/_7456104_1'	10	10	10	1.56	1.5	10	4.44 No	1.5	Element Fault
SHP071	468	'6640581_/_6640578'	3.33	3.33	3.33	0.52	0.3	3.33	1.48 No	0.3	Element Fault
SHP071	469	'6635791_/_6641433'	3.33	3.33	3.33	0.52	0.3	3.33	1.48 No	0.3	Element Fault
SHP071	470	'6642485_/_43958021'	10	10	10	1.56	1.5	10	4.44 No	1.5	Element Fault
SHP071	471	'6641076_/_6641074'	3.33	3.33	3.33	0.52	0.5	3.33	1.48 No	0.5	Element Fault
SHP071	472	'7888189_/_7888187_1'	10	10	10	1.56	0.9	10	4.44 No	0.9	Element Fault
SHP071	473	'6642075_/_43957781'	3.33	3.33	3.33	0.52	0.5	3.33	1.48 No	0.5	Element Fault
SHP071	474	'6635590_/_6635587'	6.67	6.67	6.67	1.04	1	6.67	2.96 No	1	Element Fault
SHP071	475	'6643921_/_6643959'	10	10	10	1.56	2.4	10	4.44 No	1.56	Thermal Discharging
SHP071	476	'7456107_/_7456104_2'	10	10	10	1.56	1.5	10	4.44 No	1.5	Element Fault
SHP071	477	'7888190_/_7888187_2'	10	10	10	1.56	0.9	10	4.44 No	0.9	Element Fault
SHP071	478	'6640116_/_6640114'	3.33	3.33	3.33	0.52	0.5	3.33	1.48 No	0.5	Element Fault
SHP071	479	'6642280_/_6643919'	10	10	10	1.56	2.4	10	4.44 No	1.56	Thermal Discharging
SHP071	480	'43956835_/_6640591'	3.33	3.33	3.33	0.52	0.3	3.33	1.48 No	0.3	Element Fault
SHP071	481	'6642348_/_6642346'	3.33	3.33	3.33	0.52	0.5	3.33	1.48 No	0.5	Element Fault
SHP071	482	'250994117_/_9394774_2'	6.67	6.67	6.67	1.04	1	6.67	2.96 No	1	Element Fault
SHP071	483	'7769525_/_7769523'	10	10	10	1.56	1.5	10	4.44 No	1.5	Element Fault
SHP071	484	'6642508_/_43957984'	3.33	3.33	3.33	0.52	0.5	3.33	1.48 No	0.5	Element Fault
SHP071	485	'6642281_/_6642278'	10	10	10	1.56	2.4	10	4.44 No	1.56	Thermal Discharging
SHP071	486	'6635792_/_6635789'	3.33	3.33	3.33	0.52	0.3	3.33	1.48 No	0.3	Element Fault
SHP071	487	'6635779_/_9088719'	6.67	6.67	6.67	1.04	0.6	6.67	2.96 No	0.6	Element Fault
SHP071	488	'7455999_/_7455996_1'	3.2	10	10	1.56	1.5	10	4.44 No	1.5	Element Fault
SHP071	489	'6642541_/_6642538'	10	10	10	1.56	2.4	10	4.44 No	1.56	Thermal Discharging
SHP071	490	'6635605_/_6635602'	6.67	6.67	6.67	1.04	1	6.67	2.96 No	1	Element Fault

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SHP071	491	'288857275_/_6641326_2'	6.67	6.67	6.67	1.04	0.6	6.67	2.96 No	0.6	Element Fault
SHP071	492	'7822585_/_9394774_1'	6.67	6.67	6.67	1.04	0.6	6.67	2.96 No	0.6	Element Fault
SHP071	493	'6642579_/_6642576'	10	10	10	1.56	2.4	10	4.44 No	1.56	Thermal Discharging
SHP071	494	'6640594_/_43956837'	3.33	3.33	3.33	0.52	0.3	3.33	1.48 No	0.3	Element Fault
SHP071	495	'43958067_/_6642593'	10	10	10	1.56	2.4	10	4.44 No	1.56	Thermal Discharging
SHP071	496	'6641314_/_6641326_1'	6.67	6.67	6.67	1.04	0.3	6.67	2.96 No	0.3	Element Fault
SHP071	497	'37978670_/_9035199'	4.9	10	10	1.56	1.5	10	4.44 No	1.5	Element Fault
SHP071	498	'37978684_/_37978681'	4.9	10	10	1.56	1.5	10	4.44 No	1.5	Element Fault
SHP071	499	'37978705_/_37978709'	4.9	10	10	1.56	1.5	10	4.44 No	1.5	Element Fault
SHP071	500	'37978691_/_37978695'	4.9	10	10	1.56	1.5	10	4.44 No	1.5	Element Fault
SHP071	501	'37978677_/_37978716'	1.63	3.33	3.33	0.52	0.5	3.33	1.48 No	0.5	Element Fault
SHP071	502	'43957947_/_43957949'	3.33	3.33	3.33	0.52	0.5	3.33	1.48 No	0.5	Element Fault
SHP071	503	'43957266_/_6635620'	6.67	6.67	6.67	1.04	1	6.67	2.96 No	1	Element Fault
SHP071	504	'7769434_/_7769431'	1.57	3.33	3.33	0.52	0.5	3.33	1.48 No	0.5	Element Fault
SHP071	505	'7769450_/_9035107'	4.2	10	10	1.56	1.5	10	4.44 No	1.5	Element Fault
SHP071	506	'6635623_/_43957268'	6.67	6.67	6.67	1.04	1	6.67	2.96 No	1	Element Fault
SHP071	507	'6641299_/_6641311'	6.67	6.67	6.67	1.04	0.3	6.67	2.96 No	0.3	Element Fault
SHP071	508	'6640104_/_6642252'	3.33	3.33	3.33	0.52	0.5	3.33	1.48 No	0.5	Element Fault
SHP071	509	'6641284_/_6641296'	3.53	6.67	6.67	1.04	0.3	6.67	2.96 No	0.3	Element Fault
SHP071	510	'6640103_/_6640101'	3.33	3.33	3.33	0.52	0.5	3.33	1.48 No	0.5	Element Fault
SHP071	511	'7769449_/_7769447'	3.4	10	10	1.56	1.5	10	4.44 No	1.5	Element Fault
SHP071	512	'6641266_/_6641281'	2.67	6.67	6.67	1.04	0.3	6.67	2.96 No	0.3	Element Fault
SHP071	513	'6635807_/_6641263'	2.27	6.67	6.67	1.04	0.3	6.67	2.96 No	0.3	Element Fault
SHP071	514	'6635734_/_6635805'	2	6.67	6.67	1.04	0.3	6.67	2.96 No	0.3	Element Fault
SHP071	515	'40370738_/_39648984'	3.33	3.33	3.33	0.52	0.3	3.33	1.48 No	0.3	Element Fault
SHP071	516	'7822584_/_50263895'	3.33	3.33	3.33	0.52	0.3	3.33	1.48 No	0.3	Element Fault
SHP071	517	'375250249_/_6635732'	1.87	6.67	6.67	1.04	0.3	6.67	2.96 No	0.3	Element Fault
SHP071	518	'288857284_/_6635760_2'	3.33	3.33	3.33	0.52	0.3	3.33	1.48 No	0.3	Element Fault
SHP071	519	'43958162_/_6641474'	1.67	6.67	6.67	1.04	0.3	6.67	2.96 No	0.3	Element Fault
SHP071	520	'43957219_/_6641459'	1.6	6.67	6.67	1.04	0.3	6.67	2.96 No	0.3	Element Fault
SHP071	521	'6635750_/_6635760_1'	3.33	3.33	3.33	0.52	0.1	3.33	1.48 No	0.1	Element Fault
SHP071	522	'6641462_/_43957221'	1.53	6.67	6.67	1.04	0.3	6.67	2.96 No	0.3	Element Fault
SHP071	523	'43957300_/_43957302'	3.33	3.33	3.33	0.52	0.1	3.33	1.48 No	0.1	Element Fault
SHP071	524	'6635718_/_6635747'	3.33	3.33	3.33	0.52	0.1	3.33	1.48 No	0.1	Element Fault
SHP071	525	'6635719_/_6635716'	1.27	3.33	3.33	0.52	0.1	3.33	1.48 No	0.1	Element Fault
SHP071	526	'43958220_/_6643159'	1.07	3.33	3.33	0.52	0.1	3.33	1.48 No	0.1	Element Fault
SHP071	527	'6643175_/_9350392_2'	1.03	3.33	3.33	0.52	0.1	3.33	1.48 No	0.1	Element Fault
SHP071	528	'375250269_/_375250266'	0.87	3.33	3.33	0.52	0.15	3.33	1.48 No	0.15	Element Fault
SHP071	529	'375250278_/_375250275'	0.8	3.33	3.33	0.52	0.15	3.33	1.48 No	0.15	Element Fault
SHP071	530	'9350394_/_9350392_1'	0.9	3.33	3.33	0.52	0.1	3.33	1.48 No	0.1	Element Fault
SHP072	0	'SHP072_/_8358184'	10	10	10	0.77	10	10	9.96 No	0.77	Thermal Discharging
SHP072	1	'8358067_/_8358184'	10	10	10	0.77	10	10	4.96 No	0.77	Thermal Discharging
SHP072	2	'8358066_/_8358064'	10	10	10	0.77	10	10	4.96 No	0.77	Thermal Discharging
SHP072	3	'8044391_/_8665481'	10	10	10	0.77	10	10	4.96 No	0.77	Thermal Discharging
SHP072	4	'8044390_/_8044388'	10	10	10	0.77	10	10	4.96 No	0.77	Thermal Discharging
SHP072	5	'7407785_/_8985257'	10	10	10	0.77	10	10	4.96 No	0.77	Thermal Discharging
SHP072	6	'7407784_/_7407782'	10	10	10	0.77	10	10	4.96 No	0.77	Thermal Discharging
SHP072	7	'7720801_/_8985237'	10	10	10	0.77	10	10	4.96 No	0.77	Thermal Discharging
SHP072	8	'7720800_/_7720798'	10	10	10	0.77	10	10	4.96 No	0.77	Thermal Discharging
SHP072	9	'8044351_/_8044468'	10	10	10	0.77	10	10	4.96 No	0.77	Thermal Discharging
SHP072	10	'8044350_/_8044348'	10	10	10	0.77	10	10	4.96 No	0.77	Thermal Discharging
SHP072	11	'8665576_/_9300888'	10	10	10	0.77	10	10	4.96 No	0.77	Thermal Discharging
SHP072	12	'7407297_/_8665573'	10	10	10	0.77	10	10	4.96 No	0.77	Thermal Discharging
SHP072	13	'7407277_/_7407294'	10	10	10	0.77	10	10	4.96 No	0.77	Thermal Discharging
SHP072	14	'7407276_/_7407274'	10	10	10	0.77	10	10	4.96 No	0.77	Thermal Discharging
SHP072	15	'114616987_/_87091567_2'	10	10	10	0.77	10	10	4.96 No	0.77	Thermal Discharging
SHP072	16	'5596480_/_87091567_1'	10	10	10	0.77	10	10	4.96 No	0.77	Thermal Discharging
SHP072	17	'5604577_/_5604575'	10	10	10	0.77	10	10	4.96 No	0.77	Thermal Discharging
SHP072	18	'5596389_/_5596478'	10	10	10	0.77	10	10	4.96 No	0.77	Thermal Discharging
SHP072	19	'5596390_/_624671802'	10	10	10	0.77	10	10	4.96 No	0.77	Thermal Discharging
SHP072	20	'5596407_/_5596404'	10	10	10	0.77	10	10	4.96 No	0.77	Thermal Discharging
SHP072	21	'5596424_/_5596421'	10	10	10	0.77	10	10	4.96 No	0.77	Thermal Discharging
SHP072	22	'5596441_/_5596438'	10	10	10	0.77	10	10	4.96 No	0.77	Thermal Discharging
SHP072	23	'5598877_/_5598875_1'	3.33	3.33	3.33	0.26	0.4	3.33	1.65 No	0.26	Thermal Discharging
SHP072	24	'5596498_/_5596495'	10	10	10	0.77	10	10	4.96 No	0.77	Thermal Discharging
SHP072	25	'5596515_/_5596512'	10	10	10	0.77	10	10	4.96 No	0.77	Thermal Discharging
SHP072	26	'5596532_/_5596529'	10	10	10	0.77	10	10	4.96 No	0.77	Thermal Discharging
SHP072	27	'5611313_/_5611310'	10	10	10	0.77	10	10	4.96 No	0.77	Thermal Discharging
SHP072	28	'5600155_/_5600170_1'	6.67	6.67	6.67	0.51	1	6.67	3.31 No	0.51	Thermal Discharging
SHP072	29	'5599781_/_5600170_2'	6.67	6.67	6.67	0.51	1	6.67	3.31 No	0.51	Thermal Discharging
SHP072	30	'5611412_/_5611410'	10	10	10	0.77	10	10	4.96 No	0.77	Thermal Discharging
SHP072	31	'5604993_/_5611462'	10	10	10	0.77	10	10	4.96 No	0.77	Thermal Discharging
SHP072	32	'5604646_/_5604990'	10	10	10	0.77	10	10	4.96 No	0.77	Thermal Discharging
SHP072	33	'60773085_/_5611430'	10	10	10	0.77	10	10	4.96 No	0.77	Thermal Discharging
SHP072	34	'60773631_/_60773553_1'	10	10	10	0.77	10	10	4.96 No	0.77	Thermal Discharging
SHP072	35	'5611342_/_60773087'	10	10	10	0.77	10	10	4.96 No	0.77	Thermal Discharging
SHP072	36	'5598878_/_5598875_2'	3.33	3.33	3.33	0.26	0.4	3.33	1.65 No	0.26	Thermal Discharging
SHP072	37	'43745499_/_5604643'	10	10	10	0.77	10	10	4.96 No	0.77	Thermal Discharging
SHP072	38	'5596946_/_5611390'	10	10	10	0.77	10	10	4.96 No	0.77	Thermal Discharging
SHP072	39	'5604612_/_5604626'	10	10	10	0.77	10	10	4.96 No	0.77	Thermal Discharging
SHP072	40	'43745523_/_43745525'	10	10	10	0.77	10	10	4.96 No	0.77	Thermal Discharging
SHP072	41	'54894717_/_60773553_2'	10	10	10	0.77	10	10	4.96 No	0.77	Thermal Discharging
SHP072	42	'404232769_/_54894715'	10	10	10	0.77	10	10	4.96 No	0.77	Thermal Discharging
SHP072	43	'54894705_/_54894709'	10	10	10	0.77	10	10	4.96 No	0.77	Thermal Discharging
SHP072	44	'54894729_/_54894733'	10	10	10	0.77	4.6	10	4.96 No	0.77	Thermal Discharging
SHP072	45	'54894741_/_54894739'	10	10	10	0.77	4.5	10	4.96 No	0.77	Thermal Discharging
SHP072	46	'5604595_/_5604609'	10	10	10	0.77	10	10	4.96 No	0.77	Thermal Discharging
SHP072	47	'5603456_/_5611447'	6.67	6.67	6.67	0.51	2.2	6.67	3.31 No	0.51	Thermal Discharging
SHP072	48	'5596551_/_5596549'	10	10	10	0.77	10	10	4.96 No	0.77	Thermal Discharging
SHP072	49	'111417748_/_111417730_1'	6.67	6.67	6.67	0.51	0.9	6.67	3.31 No	0.51	Thermal Discharging
SHP072	50	'5599766_/_5599778'	6.67	6.67	6.67	0.51	1	6.67	3.31 No	0.51	Thermal Discharging
SHP072	51	'5604594_/_5604592'	10	10	10	0.77	10	10	4.96 No	0.77	Thermal Discharging
SHP072	52	'5596569_/_5596566'	10	10	10	0.77	10	10	4.96 No	0.77	Thermal Discharging
SHP072	53	'5601285_/_5601283'	10	10	10	0.77	10	10	4.96 No	0.77	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over- Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SHP072	54	'5604788_/_5604802'	10	10	10	0.77	10	10	4.96 No	0.77	Thermal Discharging
SHP072	55	'5603457_/_111417730_2'	6.67	6.67	6.67	0.51	0.9	6.67	3.31 No	0.51	Thermal Discharging
SHP072	56	'43744999_/_43745001'	10	10	10	0.77	10	10	4.96 No	0.77	Thermal Discharging
SHP072	57	'43747313_/_5611377'	3.33	3.33	3.33	0.26	1	3.33	1.65 No	0.26	Thermal Discharging
SHP072	58	'5598891_/_5598888'	3.33	3.33	3.33	0.26	0.4	3.33	1.65 No	0.26	Thermal Discharging
SHP072	59	'70583495_/_60773576_2'	10	10	10	0.77	10	10	4.96 No	0.77	Thermal Discharging
SHP072	60	'5604754_/_5604768'	10	10	10	0.77	10	10	4.96 No	0.77	Thermal Discharging
SHP072	61	'5597034_/_60773576_1'	10	10	10	0.77	10	10	4.96 No	0.77	Thermal Discharging
SHP072	62	'43745536_/_5607473'	10	10	10	0.77	10	10	4.96 No	0.77	Thermal Discharging
SHP072	63	'60773029_/_5607578'	10	10	10	0.77	10	10	4.96 No	0.77	Thermal Discharging
SHP072	64	'5611329_/_5611327_1'	3.33	3.33	3.33	0.26	0.4	3.33	1.65 No	0.26	Thermal Discharging
SHP072	65	'43744986_/_43744988'	10	10	10	0.77	10	10	4.96 No	0.77	Thermal Discharging
SHP072	66	'5607581_/_60773031'	10	10	10	0.77	10	10	4.96 No	0.77	Thermal Discharging
SHP072	67	'5604717_/_5604731'	10	10	10	0.77	10	10	4.96 No	0.77	Thermal Discharging
SHP072	68	'50757444_/_5607595'	10	10	10	0.77	10	10	4.96 No	0.77	Thermal Discharging
SHP072	69	'5598230_/_5604714'	10	10	10	0.77	10	10	4.96 No	0.77	Thermal Discharging
SHP072	70	'91320298_/_50757441'	10	10	10	0.77	10	10	4.96 No	0.77	Thermal Discharging
SHP072	71	'43744973_/_5604822'	10	10	10	0.77	10	10	4.96 No	0.77	Thermal Discharging
SHP072	72	'43745278_/_5599763'	6.67	6.67	6.67	0.51	1	6.67	3.31 No	0.51	Thermal Discharging
SHP072	73	'5598231_/_5598241_1'	3.33	3.33	3.33	0.26	0.5	3.33	1.65 No	0.26	Thermal Discharging
SHP072	74	'43745267_/_43745269'	3.33	3.33	3.33	0.26	0.5	3.33	1.65 No	0.26	Thermal Discharging
SHP072	75	'5604280_/_5604294'	10	10	10	0.77	10	10	4.96 No	0.77	Thermal Discharging
SHP072	76	'5598172_/_5598170_1'	3.33	3.33	3.33	0.26	0.5	3.33	1.65 No	0.26	Thermal Discharging
SHP072	77	'5597939_/_5604277'	10	10	10	0.77	10	10	4.96 No	0.77	Thermal Discharging
SHP072	78	'5599811_/_5611327_2'	3.33	3.33	3.33	0.26	0.4	3.33	1.65 No	0.26	Thermal Discharging
SHP072	79	'5604246_/_5604260'	10	10	10	0.77	10	10	4.96 No	0.77	Thermal Discharging
SHP072	80	'5597899_/_5604243'	10	10	10	0.77	10	10	4.96 No	0.77	Thermal Discharging
SHP072	81	'5597940_/_5597937_1'	3.33	3.33	3.33	0.26	0.5	3.33	1.65 No	0.26	Thermal Discharging
SHP072	82	'5606997_/_5607044'	10	10	10	0.77	10	10	4.96 No	0.77	Thermal Discharging
SHP072	83	'5597953_/_5597937_2'	3.33	3.33	3.33	0.26	0.5	3.33	1.65 No	0.26	Thermal Discharging
SHP072	84	'5598904_/_5598901'	3.33	3.33	3.33	0.26	0.4	3.33	1.65 No	0.26	Thermal Discharging
SHP072	85	'5606998_/_5607008_1'	3.33	3.33	3.33	0.26	0.5	3.33	1.65 No	0.26	Thermal Discharging
SHP072	86	'43744827_/_5607024'	10	10	10	0.77	10	10	4.96 No	0.77	Thermal Discharging
SHP072	87	'54894871_/_54894911'	10	10	10	0.77	4.6	10	4.96 No	0.77	Thermal Discharging
SHP072	88	'5598244_/_5598241_2'	3.33	3.33	3.33	0.26	0.5	3.33	1.65 No	0.26	Thermal Discharging
SHP072	89	'5604212_/_5604226'	10	10	10	0.77	10	10	4.96 No	0.77	Thermal Discharging
SHP072	90	'43744962_/_5598170_2'	3.33	3.33	3.33	0.26	0.5	3.33	1.65 No	0.26	Thermal Discharging
SHP072	91	'5599750_/_5599748'	6.67	6.67	6.67	0.51	1	6.67	3.31 No	0.51	Thermal Discharging
SHP072	92	'5604195_/_5604209'	10	10	10	0.77	10	10	4.96 No	0.77	Thermal Discharging
SHP072	93	'5604178_/_5604192'	10	10	10	0.77	10	10	4.96 No	0.77	Thermal Discharging
SHP072	94	'43744814_/_5604175'	10	10	10	0.77	10	10	4.96 No	0.77	Thermal Discharging
SHP072	95	'5604144_/_5604158'	10	10	10	0.77	10	10	4.96 No	0.77	Thermal Discharging
SHP072	96	'5604039_/_5604141'	10	10	10	0.77	10	10	4.96 No	0.77	Thermal Discharging
SHP072	97	'43744744_/_43744746'	10	10	10	0.77	10	10	4.96 No	0.77	Thermal Discharging
SHP072	98	'5599812_/_5599809'	3.33	3.33	3.33	0.26	0.4	3.33	1.65 No	0.26	Thermal Discharging
SHP072	99	'5607011_/_5607008_2'	3.33	3.33	3.33	0.26	0.5	3.33	1.65 No	0.26	Thermal Discharging
SHP072	100	'5597900_/_5597897'	10	10	10	0.77	3.1	10	4.96 No	0.77	Thermal Discharging
SHP072	101	'5604005_/_5604019'	10	10	10	0.77	10	10	4.96 No	0.77	Thermal Discharging
SHP072	102	'54894692_/_54894873'	10	10	10	0.77	4.6	10	4.96 No	0.77	Thermal Discharging
SHP072	103	'43744803_/_5597963'	3.33	3.33	3.33	0.26	0.5	3.33	1.65 No	0.26	Thermal Discharging
SHP072	104	'5598919_/_5599796'	3.33	3.33	3.33	0.26	0.5	3.33	1.65 No	0.26	Thermal Discharging
SHP072	105	'8357678_/_8357676_1'	3.33	3.33	3.33	0.26	0.3	3.33	1.65 No	0.26	Thermal Discharging
SHP072	106	'5598186_/_5598183'	3.33	3.33	3.33	0.26	0.5	3.33	1.65 No	0.26	Thermal Discharging
SHP072	107	'43745960_/_43745962'	10	10	10	0.77	10	10	4.96 No	0.77	Thermal Discharging
SHP072	108	'5598257_/_5598254'	3.33	3.33	3.33	0.26	0.5	3.33	1.65 No	0.26	Thermal Discharging
SHP072	109	'5603971_/_5603985'	10	10	10	0.77	10	10	4.96 No	0.77	Thermal Discharging
SHP072	110	'5603954_/_5603968'	10	10	10	0.77	10	10	4.96 No	0.77	Thermal Discharging
SHP072	111	'43744731_/_43744733'	10	10	10	0.77	10	10	4.96 No	0.77	Thermal Discharging
SHP072	112	'43745512_/_5599822'	3.33	3.33	3.33	0.26	0.4	3.33	1.65 No	0.26	Thermal Discharging
SHP072	113	'5603917_/_5603934'	10	10	10	0.77	10	10	4.96 No	0.77	Thermal Discharging
SHP072	114	'5603894_/_5603914'	10	10	10	0.77	10	10	4.96 No	0.77	Thermal Discharging
SHP072	115	'5600059_/_5603891'	10	10	10	0.77	10	10	4.96 No	0.77	Thermal Discharging
SHP072	116	'43746739_/_5597917'	10	10	10	0.77	3.1	10	4.96 No	0.77	Thermal Discharging
SHP072	117	'5598920_/_5598917'	3.33	3.33	3.33	0.26	0.5	3.33	1.65 No	0.26	Thermal Discharging
SHP072	118	'5598199_/_5598196'	3.33	3.33	3.33	0.26	0.5	3.33	1.65 No	0.26	Thermal Discharging
SHP072	119	'5604123_/_5604121'	10	10	10	0.77	10	10	4.96 No	0.77	Thermal Discharging
SHP072	120	'5598270_/_5598267'	3.33	3.33	3.33	0.26	0.5	3.33	1.65 No	0.26	Thermal Discharging
SHP072	121	'5597259_/_5597257_1'	3.33	3.33	3.33	0.26	0.5	3.33	1.65 No	0.26	Thermal Discharging
SHP072	122	'5600072_/_5604970'	10	10	10	0.77	10	10	4.96 No	0.77	Thermal Discharging
SHP072	123	'43745973_/_5604697'	10	10	10	0.77	10	10	4.96 No	0.77	Thermal Discharging
SHP072	124	'5604055_/_5604053_1'	10	10	10	0.77	1.6	10	4.96 No	0.77	Thermal Discharging
SHP072	125	'5604106_/_5604104'	10	10	10	0.77	10	10	4.96 No	0.77	Thermal Discharging
SHP072	126	'5597979_/_43744805'	3.33	3.33	3.33	0.26	0.5	3.33	1.65 No	0.26	Thermal Discharging
SHP072	127	'43744757_/_5604053_2'	10	10	10	0.77	1.6	10	4.96 No	0.77	Thermal Discharging
SHP072	128	'5604056_/_5604070_1'	10	10	10	0.77	1.6	10	4.96 No	0.77	Thermal Discharging
SHP072	129	'5597780_/_43744722_2'	3.33	3.33	3.33	0.26	1.1	3.33	1.65 No	0.26	Thermal Discharging
SHP072	130	'5604916_/_5604953'	10	10	10	0.77	10	10	4.96 No	0.77	Thermal Discharging
SHP072	131	'5604073_/_5604070_2'	10	10	10	0.77	1.6	10	4.96 No	0.77	Thermal Discharging
SHP072	132	'5599825_/_43745514'	3.33	3.33	3.33	0.26	0.4	3.33	1.65 No	0.26	Thermal Discharging
SHP072	133	'43744487_/_43744489'	10	10	10	0.77	10	10	4.96 No	0.77	Thermal Discharging
SHP072	134	'5603877_/_5603874_2'	10	10	10	0.77	10	10	4.96 No	0.77	Thermal Discharging
SHP072	135	'5598341_/_5598338'	3.33	3.33	3.33	0.26	0.5	3.33	1.65 No	0.26	Thermal Discharging
SHP072	136	'5604090_/_5604087'	10	10	10	0.77	1.6	10	4.96 No	0.77	Thermal Discharging
SHP072	137	'5603860_/_5603874_1'	10	10	10	0.77	10	10	4.96 No	0.77	Thermal Discharging
SHP072	138	'43744840_/_5604314'	10	10	10	0.77	1.6	10	4.96 No	0.77	Thermal Discharging
SHP072	139	'5604337_/_5604334'	10	10	10	0.77	1.6	10	4.96 No	0.77	Thermal Discharging
SHP072	140	'5603843_/_5603857'	10	10	10	0.77	10	10	4.96 No	0.77	Thermal Discharging
SHP072	141	'5603842_/_5603840'	10	10	10	0.77	10	10	4.96 No	0.77	Thermal Discharging
SHP072	142	'5604354_/_5604351'	10	10	10	0.77	1.6	10	4.96 No	0.77	Thermal Discharging
SHP072	143	'5597992_/_5597989'	3.33	3.33	3.33	0.26	0.5	3.33	1.65 No	0.26	Thermal Discharging
SHP072	144	'5597260_/_5597257_2'	3.33	3.33	3.33	0.26	0.5	3.33	1.65 No	0.26	Thermal Discharging
SHP072	145	'43744886_/_5604368'	10	10	10	0.77	1.6	10	4.96 No	0.77	Thermal Discharging
SHP072	146	'5601383_/_5604859'	10	10	10	0.77	10	10	4.96 No	0.77	Thermal Discharging
SHP072	147	'5598160_/_5598212'	3.33	3.33	3.33	0.26	0.5	3.33	1.65 No	0.26	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SHP072	148	'8357679_/_8357676_2'	3.33		3.33	3.33	0.26	0.3	3.33	1.65 No	0.26 Thermal Discharging
SHP072	149	'5598933_/_5598930'	3.33		3.33	3.33	0.26	0.5	3.33	1.65 No	0.26 Thermal Discharging
SHP072	150	'43744720_/_43744722_1'	3.33		3.33	3.33	0.26	0.5	3.33	1.65 No	0.26 Thermal Discharging
SHP072	151	'432767474_/_5601685_1'	3.33		3.33	3.33	0.26	0.3	3.33	1.65 No	0.26 Thermal Discharging
SHP072	152	'5596165_/_5596162_2'	3.33		3.33	3.33	0.26	1	3.33	1.65 No	0.26 Thermal Discharging
SHP072	153	'5604388_/_43744888'	10		10	10	0.77	1.6	10	4.96 No	0.77 Thermal Discharging
SHP072	154	'5603826_/_5604842'	10		10	10	0.77	10	10	4.96 No	0.77 Thermal Discharging
SHP072	155	'5597767_/_5597764_2'	3.33		3.33	3.33	0.26	0.5	3.33	1.65 No	0.26 Thermal Discharging
SHP072	156	'43744899_/_5604402'	10		10	10	0.77	1.6	10	4.96 No	0.77 Thermal Discharging
SHP072	157	'5598008_/_5598005'	3.33		3.33	3.33	0.26	0.5	3.33	1.65 No	0.26 Thermal Discharging
SHP072	158	'5603809_/_5603823'	10		10	10	0.77	10	10	4.96 No	0.77 Thermal Discharging
SHP072	159	'5596164_/_5596162_1'	3.33		3.33	3.33	0.26	0.5	3.33	1.65 No	0.26 Thermal Discharging
SHP072	160	'43745023_/_5599922'	3.33		3.33	3.33	0.26	0.5	3.33	1.65 No	0.26 Thermal Discharging
SHP072	161	'5597233_/_5601685_2'	3.33		3.33	3.33	0.26	0.3	3.33	1.65 No	0.26 Thermal Discharging
SHP072	162	'5604421_/_43744901'	10		10	10	0.77	1.6	10	4.96 No	0.77 Thermal Discharging
SHP072	163	'5603808_/_5603806'	10		10	10	0.77	10	10	4.96 No	0.77 Thermal Discharging
SHP072	164	'5598357_/_5598354'	3.33		3.33	3.33	0.26	0.5	3.33	1.65 No	0.26 Thermal Discharging
SHP072	165	'43744912_/_5604419'	10		10	10	0.77	1.6	10	4.96 No	0.77 Thermal Discharging
SHP072	166	'5604878_/_5604876'	10		10	10	0.77	10	10	4.96 No	0.77 Thermal Discharging
SHP072	167	'5604439_/_43744914'	10		10	10	0.77	1.6	10	4.96 No	0.77 Thermal Discharging
SHP072	168	'5603775_/_5604896'	10		10	10	0.77	10	10	4.96 No	0.77 Thermal Discharging
SHP072	169	'5598159_/_5598157'	3.33		3.33	3.33	0.26	0.5	3.33	1.65 No	0.26 Thermal Discharging
SHP072	170	'5604456_/_5604453'	10		10	10	0.77	1.6	10	4.96 No	0.77 Thermal Discharging
SHP072	171	'5595925_/_5603772'	10		10	10	0.77	10	10	4.96 No	0.77 Thermal Discharging
SHP072	172	'5598946_/_5598943'	3.33		3.33	3.33	0.26	0.5	3.33	1.65 No	0.26 Thermal Discharging
SHP072	173	'5595926_/_5601173_1'	3.33		3.33	3.33	0.26	0.5	3.33	1.65 No	0.26 Thermal Discharging
SHP072	174	'43744925_/_5604470'	10		10	10	0.77	1.6	10	4.96 No	0.77 Thermal Discharging
SHP072	175	'5603741_/_5603755'	10		10	10	0.77	10	10	4.96 No	0.77 Thermal Discharging
SHP072	176	'5597754_/_5597764_1'	3.33		3.33	3.33	0.26	0.5	3.33	1.65 No	0.26 Thermal Discharging
SHP072	177	'5604490_/_43744927_1'	10		10	10	0.77	1	10	4.96 No	0.77 Thermal Discharging
SHP072	178	'43744938_/_43744927_2'	10		10	10	0.77	1	10	4.96 No	0.77 Thermal Discharging
SHP072	179	'5595941_/_5603738'	10		10	10	0.77	10	10	4.96 No	0.77 Thermal Discharging
SHP072	180	'5598283_/_5598280'	3.33		3.33	3.33	0.26	0.5	3.33	1.65 No	0.26 Thermal Discharging
SHP072	181	'5595831_/_5603789'	10		10	10	0.77	10	10	4.96 No	0.77 Thermal Discharging
SHP072	182	'5595942_/_5601160_1'	3.33		3.33	3.33	0.26	0.5	3.33	1.65 No	0.26 Thermal Discharging
SHP072	183	'5601408_/_5601406'	3.33		3.33	3.33	0.26	0.5	3.33	1.65 No	0.26 Thermal Discharging
SHP072	184	'6976831_/_7099719'	10		10	10	0.77	10	10	4.96 No	0.77 Thermal Discharging
SHP072	185	'6994848_/_6994923_1'	3.33		3.33	3.33	0.26	0.5	3.33	1.65 No	0.26 Thermal Discharging
SHP072	186	'43744792_/_5598018'	3.33		3.33	3.33	0.26	0.5	3.33	1.65 No	0.26 Thermal Discharging
SHP072	187	'6976814_/_6976828'	10		10	10	0.77	10	10	4.96 No	0.77 Thermal Discharging
SHP072	188	'5607420_/_43744940'	10		10	10	0.77	1	10	4.96 No	0.77 Thermal Discharging
SHP072	189	'5597273_/_5597270'	3.33		3.33	3.33	0.26	0.5	3.33	1.65 No	0.26 Thermal Discharging
SHP072	190	'43745034_/_5598367'	3.33		3.33	3.33	0.26	0.5	3.33	1.65 No	0.26 Thermal Discharging
SHP072	191	'6976797_/_6976811'	10		10	10	0.77	10	10	4.96 No	0.77 Thermal Discharging
SHP072	192	'43745882_/_5597231'	3.33		3.33	3.33	0.26	0.3	3.33	1.65 No	0.26 Thermal Discharging
SHP072	193	'6976780_/_6976794'	10		10	10	0.77	10	10	4.96 No	0.77 Thermal Discharging
SHP072	194	'5597753_/_5597751'	3.33		3.33	3.33	0.26	0.5	3.33	1.65 No	0.26 Thermal Discharging
SHP072	195	'5595248_/_5601173_2'	3.33		3.33	3.33	0.26	0.5	3.33	1.65 No	0.26 Thermal Discharging
SHP072	196	'43745256_/_5598956'	3.33		3.33	3.33	0.26	0.5	3.33	1.65 No	0.26 Thermal Discharging
SHP072	197	'6976779_/_6976777'	10		10	10	0.77	10	10	4.96 No	0.77 Thermal Discharging
SHP072	198	'6994549_/_6994907_1'	3.33		3.33	3.33	0.26	0.5	3.33	1.65 No	0.26 Thermal Discharging
SHP072	199	'44034787_/_6976965'	10		10	10	0.77	10	10	4.96 No	0.77 Thermal Discharging
SHP072	200	'90427167_/_90427115_1'	10		10	10	0.77	1.4	10	4.96 No	0.77 Thermal Discharging
SHP072	201	'5595196_/_5601160_2'	3.33		3.33	3.33	0.26	0.5	3.33	1.65 No	0.26 Thermal Discharging
SHP072	202	'44776691_/_5598031'	3.33		3.33	3.33	0.26	0.5	3.33	1.65 No	0.26 Thermal Discharging
SHP072	203	'5595996_/_5601393'	3.33		3.33	3.33	0.26	0.5	3.33	1.65 No	0.26 Thermal Discharging
SHP072	204	'6994926_/_6994923_2'	3.33		3.33	3.33	0.26	0.5	3.33	1.65 No	0.26 Thermal Discharging
SHP072	205	'6976891_/_6976982'	10		10	10	0.77	10	10	4.96 No	0.77 Thermal Discharging
SHP072	206	'5598408_/_5607437'	10		10	10	0.77	1	10	4.96 No	0.77 Thermal Discharging
SHP072	207	'6976729_/_6976888'	10		10	10	0.77	10	10	4.96 No	0.77 Thermal Discharging
SHP072	208	'5598299_/_5598296'	3.33		3.33	3.33	0.26	0.5	3.33	1.65 No	0.26 Thermal Discharging
SHP072	209	'90427118_/_90427115_2'	10		10	10	0.77	1.4	10	4.96 No	0.77 Thermal Discharging
SHP072	210	'5595984_/_5601419'	3.33		3.33	3.33	0.26	0.5	3.33	1.65 No	0.26 Thermal Discharging
SHP072	211	'6976728_/_6976726'	10		10	10	0.77	10	10	4.96 No	0.77 Thermal Discharging
SHP072	212	'5606910_/_5606921_2'	3.33		3.33	3.33	0.26	0.33	3.33	1.65 No	0.26 Thermal Discharging
SHP072	213	'9043634_/_9043651_1'	10		10	10	0.77	1.4	10	4.96 No	0.77 Thermal Discharging
SHP072	214	'44681673_/_5598972'	3.33		3.33	3.33	0.26	0.5	3.33	1.65 No	0.26 Thermal Discharging
SHP072	215	'6976745_/_6976743'	10		10	10	0.77	10	10	4.96 No	0.77 Thermal Discharging
SHP072	216	'6994724_/_6994894_1'	3.33		3.33	3.33	0.26	0.4	3.33	1.65 No	0.26 Thermal Discharging
SHP072	217	'6976712_/_6976760'	10		10	10	0.77	10	10	4.96 No	0.77 Thermal Discharging
SHP072	218	'640318697_/_614209712_1'	3.33		3.33	3.33	0.26	0.5	3.33	1.65 No	0.26 Thermal Discharging
SHP072	219	'6999256_/_6999266_1'	3.33		3.33	3.33	0.26	0.5	3.33	1.65 No	0.26 Thermal Discharging
SHP072	220	'5597808_/_5599536'	3.33		3.33	3.33	0.26	0.5	3.33	1.65 No	0.26 Thermal Discharging
SHP072	221	'5598147_/_5606921_1'	3.33		3.33	3.33	0.26	0.2	3.33	1.65 No	0.2 Element Fault
SHP072	222	'5597650_/_5599935'	3.33		3.33	3.33	0.26	0.5	3.33	1.65 No	0.26 Thermal Discharging
SHP072	223	'5598370_/_43745036'	3.33		3.33	3.33	0.26	0.5	3.33	1.65 No	0.26 Thermal Discharging
SHP072	224	'6976678_/_6976709'	10		10	10	0.77	10	10	4.96 No	0.77 Thermal Discharging
SHP072	225	'5598409_/_5598406'	10		10	10	0.77	1	10	4.96 No	0.77 Thermal Discharging
SHP072	226	'43744192_/_5595246'	3.33		3.33	3.33	0.26	0.5	3.33	1.65 No	0.26 Thermal Discharging
SHP072	227	'6994575_/_614209712_2'	3.33		3.33	3.33	0.26	0.5	3.33	1.65 No	0.26 Thermal Discharging
SHP072	228	'6994445_/_6994871_1'	10		10	10	0.77	2.3	10	4.96 No	0.77 Thermal Discharging
SHP072	229	'6994897_/_6994894_2'	3.33		3.33	3.33	0.26	0.4	3.33	1.65 No	0.26 Thermal Discharging
SHP072	230	'5597637_/_5597634_2'	3.33		3.33	3.33	0.26	0.5	3.33	1.65 No	0.26 Thermal Discharging
SHP072	231	'6976677_/_6976675'	10		10	10	0.77	10	10	4.96 No	0.77 Thermal Discharging
SHP072	232	'43744170_/_5595194'	3.33		3.33	3.33	0.26	0.5	3.33	1.65 No	0.26 Thermal Discharging
SHP072	233	'5597809_/_5597806'	3.33		3.33	3.33	0.26	0.5	3.33	1.65 No	0.26 Thermal Discharging
SHP072	234	'6976661_/_6976692'	10		10	10	0.77	10	10	4.96 No	0.77 Thermal Discharging
SHP072	235	'6998705_/_6998702'	3.33		3.33	3.33	0.26	0.5	3.33	1.65 No	0.26 Thermal Discharging
SHP072	236	'5597247_/_43745884'	3.33		3.33	3.33	0.26	0.3	3.33	1.65 No	0.26 Thermal Discharging
SHP072	237	'43745012_/_5598309'	3.33		3.33	3.33	0.26	0.5	3.33	1.65 No	0.26 Thermal Discharging
SHP072	238	'6976627_/_6976658'	10		10	10	0.77	10	10	4.96 No	0.77 Thermal Discharging
SHP072	239	'702224468_/_702224400_1'	10		10	10	0.77	10	10	4.96 No	0.77 Thermal Discharging
SHP072	240	'6994910_/_6994907_2'	3.33		3.33	3.33	0.26	0.5	3.33	1.65 No	0.26 Thermal Discharging
SHP072	241	'5597662_/_5599948'	3.33		3.33	3.33	0.26	0.5	3.33	1.65 No	0.26 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SHP072	242	'5595997_/_5595994'	3.33		3.33	3.33	0.26	0.5	3.33	1.65 No	0.26 Thermal Discharging
SHP072	243	'6976626_/_6976624'	10		10	10	0.77	10	10	4.96 No	0.77 Thermal Discharging
SHP072	244	'9043654_/_9043651_2'	10		10	10	0.77	1.4	10	4.96 No	0.77 Thermal Discharging
SHP072	245	'6994874_/_6994871_2'	10		10	10	0.77	2.3	10	4.96 No	0.77 Thermal Discharging
SHP072	246	'6994588_/_6994585'	3.33		3.33	3.33	0.26	0.5	3.33	1.65 No	0.26 Thermal Discharging
SHP072	247	'5598426_/_5598423'	10		10	10	0.77	1	10	4.96 No	0.77 Thermal Discharging
SHP072	248	'6976610_/_6976641'	10		10	10	0.77	10	10	4.96 No	0.77 Thermal Discharging
SHP072	249	'6999214_/_6999224_1'	3.33		3.33	3.33	0.26	0.4	3.33	1.65 No	0.26 Thermal Discharging
SHP072	250	'92039701_/_6976607'	10		10	10	0.77	10	10	4.96 No	0.77 Thermal Discharging
SHP072	251	'6976593_/_92039710'	10		10	10	0.77	10	10	4.96 No	0.77 Thermal Discharging
SHP072	252	'7000038_/_7000035'	10		10	10	0.77	2.3	10	4.96 No	0.77 Thermal Discharging
SHP072	253	'6994740_/_6994858_1'	3.33		3.33	3.33	0.26	0.5	3.33	1.65 No	0.26 Thermal Discharging
SHP072	254	'5568622_/_5595981'	3.33		3.33	3.33	0.26	0.5	3.33	1.65 No	0.26 Thermal Discharging
SHP072	255	'6998439_/_6998436'	3.33		3.33	3.33	0.26	0.4	3.33	1.65 No	0.26 Thermal Discharging
SHP072	256	'6976576_/_6976590'	10		10	10	0.77	10	10	4.96 No	0.77 Thermal Discharging
SHP072	257	'6995201_/_6995198'	3.33		3.33	3.33	0.26	0.5	3.33	1.65 No	0.26 Thermal Discharging
SHP072	258	'6999227_/_6999224_2'	3.33		3.33	3.33	0.26	0.4	3.33	1.65 No	0.26 Thermal Discharging
SHP072	259	'6994405_/_6999266_2'	3.33		3.33	3.33	0.26	0.5	3.33	1.65 No	0.26 Thermal Discharging
SHP072	260	'5595262_/_5595259'	3.33		3.33	3.33	0.26	0.5	3.33	1.65 No	0.26 Thermal Discharging
SHP072	261	'5597822_/_5597819'	3.33		3.33	3.33	0.26	0.5	3.33	1.65 No	0.26 Thermal Discharging
SHP072	262	'6976575_/_6976573'	10		10	10	0.77	10	10	4.96 No	0.77 Thermal Discharging
SHP072	263	'7000777_/_7000964'	10		10	10	0.77	10	10	4.96 No	0.77 Thermal Discharging
SHP072	264	'5598134_/_5598144'	3.33		3.33	3.33	0.26	0.2	3.33	1.65 No	0.2 Element Fault
SHP072	265	'44034535_/_6998718'	3.33		3.33	3.33	0.26	0.5	3.33	1.65 No	0.26 Thermal Discharging
SHP072	266	'7000933_/_7000947'	10		10	10	0.77	10	10	4.96 No	0.77 Thermal Discharging
SHP072	267	'7468604_/_8721280_1'	10		10	10	0.77	1.5	10	4.96 No	0.77 Thermal Discharging
SHP072	268	'5568803_/_5597634_1'	3.33		3.33	3.33	0.26	0.3	3.33	1.65 No	0.26 Thermal Discharging
SHP072	269	'6994861_/_6994858_2'	3.33		3.33	3.33	0.26	0.5	3.33	1.65 No	0.26 Thermal Discharging
SHP072	270	'43745017_/_43745014'	3.33		3.33	3.33	0.26	0.5	3.33	1.65 No	0.26 Thermal Discharging
SHP072	271	'6994406_/_6994403'	3.33		3.33	3.33	0.26	0.5	3.33	1.65 No	0.26 Thermal Discharging
SHP072	272	'7000764_/_7000761_2'	3.33		3.33	3.33	0.26	1.5	3.33	1.65 No	0.26 Thermal Discharging
SHP072	273	'5595210_/_43744172'	3.33		3.33	3.33	0.26	0.5	3.33	1.65 No	0.26 Thermal Discharging
SHP072	274	'7000932_/_7000930'	10		10	10	0.77	10	10	4.96 No	0.77 Thermal Discharging
SHP072	275	'6994562_/_6994572'	3.33		3.33	3.33	0.26	0.5	3.33	1.65 No	0.26 Thermal Discharging
SHP072	276	'5598446_/_5598443'	10		10	10	0.77	1	10	4.96 No	0.77 Thermal Discharging
SHP072	277	'43744853_/_5597793'	3.33		3.33	3.33	0.26	0.3	3.33	1.65 No	0.26 Thermal Discharging
SHP072	278	'5598517_/_7152345'	10		10	10	0.77	1	10	4.96 No	0.77 Thermal Discharging
SHP072	279	'7001098_/_7001112'	10		10	10	0.77	10	10	4.96 No	0.77 Thermal Discharging
SHP072	280	'450727890_/_7490520_1'	10		10	10	0.77	1	10	4.96 No	0.77 Thermal Discharging
SHP072	281	'43744443_/_5596007'	3.33		3.33	3.33	0.26	0.5	3.33	1.65 No	0.26 Thermal Discharging
SHP072	282	'44034811_/_44034813'	3.33		3.33	3.33	0.26	0.5	3.33	1.65 No	0.26 Thermal Discharging
SHP072	283	'7000984_/_7001095'	10		10	10	0.77	10	10	4.96 No	0.77 Thermal Discharging
SHP072	284	'6998452_/_6998449'	3.33		3.33	3.33	0.26	0.4	3.33	1.65 No	0.26 Thermal Discharging
SHP072	285	'6998185_/_6998182'	3.33		3.33	3.33	0.26	0.5	3.33	1.65 No	0.26 Thermal Discharging
SHP072	286	'69399373_/_69399370'	10		10	10	0.77	10	10	4.96 No	0.77 Thermal Discharging
SHP072	287	'688721263_/_702224400_2'	10		10	10	0.77	10	10	4.96 No	0.77 Thermal Discharging
SHP072	288	'688967997_/_688968000'	10		10	10	0.77	10	10	4.96 No	0.77 Thermal Discharging
SHP072	289	'688721275_/_688968012'	10		10	10	0.77	4.5	10	4.96 No	0.77 Thermal Discharging
SHP072	290	'688722168_/_688967994'	10		10	10	0.77	10	10	4.96 No	0.77 Thermal Discharging
SHP072	291	'688968086_/_688968006'	10		10	10	0.77	10	10	4.96 No	0.77 Thermal Discharging
SHP072	292	'44034889_/_7000052'	10		10	10	0.77	2.3	10	4.96 No	0.77 Thermal Discharging
SHP072	293	'5597663_/_5597660'	3.33		3.33	3.33	0.26	0.5	3.33	1.65 No	0.26 Thermal Discharging
SHP072	294	'43744388_/_5595272'	3.33		3.33	3.33	0.26	0.5	3.33	1.65 No	0.26 Thermal Discharging
SHP072	295	'6994353_/_6999279'	3.33		3.33	3.33	0.26	0.5	3.33	1.65 No	0.26 Thermal Discharging
SHP072	296	'5598463_/_5598460'	10		10	10	0.77	1	10	4.96 No	0.77 Thermal Discharging
SHP072	297	'702661306_/_702661358'	10		10	10	0.77	4.5	10	4.96 No	0.77 Thermal Discharging
SHP072	298	'702661299_/_702661303'	10		10	10	0.77	4.5	10	4.96 No	0.77 Thermal Discharging
SHP072	299	'702661318_/_702661315'	10		10	10	0.77	4.5	10	4.96 No	0.77 Thermal Discharging
SHP072	300	'702661300_/_702661297'	10		10	10	0.77	4.5	10	4.96 No	0.77 Thermal Discharging
SHP072	301	'702661312_/_702661309'	10		10	10	0.77	4.5	10	4.96 No	0.77 Thermal Discharging
SHP072	302	'6998572_/_6998569'	3.33		3.33	3.33	0.26	0.5	3.33	1.65 No	0.26 Thermal Discharging
SHP072	303	'43744432_/_43744434'	3.33		3.33	3.33	0.26	0.5	3.33	1.65 No	0.26 Thermal Discharging
SHP072	304	'44034732_/_6994416'	3.33		3.33	3.33	0.26	0.5	3.33	1.65 No	0.26 Thermal Discharging
SHP072	305	'43744770_/_5597832'	3.33		3.33	3.33	0.26	0.5	3.33	1.65 No	0.26 Thermal Discharging
SHP072	306	'7000763_/_7000761_1'	3.33		3.33	3.33	0.26	0.4	3.33	1.65 No	0.26 Thermal Discharging
SHP072	307	'5568621_/_43744423_1'	3.33		3.33	3.33	0.26	0.5	3.33	1.65 No	0.26 Thermal Discharging
SHP072	308	'6998213_/_44034411'	3.33		3.33	3.33	0.26	0.5	3.33	1.65 No	0.26 Thermal Discharging
SHP072	309	'43744875_/_5598131'	3.33		3.33	3.33	0.26	0.2	3.33	1.65 No	0.2 Element Fault
SHP072	310	'5595223_/_5595220'	3.33		3.33	3.33	0.26	0.5	3.33	1.65 No	0.26 Thermal Discharging
SHP072	311	'7490523_/_7490520_2'	10		10	10	0.77	1	10	4.96 No	0.77 Thermal Discharging
SHP072	312	'44035238_/_6995229'	3.33		3.33	3.33	0.26	0.5	3.33	1.65 No	0.26 Thermal Discharging
SHP072	313	'6998734_/_44034537'	3.33		3.33	3.33	0.26	0.5	3.33	1.65 No	0.26 Thermal Discharging
SHP072	314	'44035373_/_44035375'	3.33		3.33	3.33	0.26	0.4	3.33	1.65 No	0.26 Thermal Discharging
SHP072	315	'450727944_/_450727963'	10		10	10	0.77	1	10	4.96 No	0.77 Thermal Discharging
SHP072	316	'688721667_/_702224902'	10		10	10	0.77	10	10	4.96 No	0.77 Thermal Discharging
SHP072	317	'688721662_/_688721665'	10		10	10	0.77	10	10	4.96 No	0.77 Thermal Discharging
SHP072	318	'688721679_/_688721677'	10		10	10	0.77	4.5	10	4.96 No	0.77 Thermal Discharging
SHP072	319	'688721661_/_688721659'	10		10	10	0.77	10	10	4.96 No	0.77 Thermal Discharging
SHP072	320	'688721673_/_688721671'	10		10	10	0.77	4.5	10	4.96 No	0.77 Thermal Discharging
SHP072	321	'5598050_/_5598047'	3.33		3.33	3.33	0.26	0.3	3.33	1.65 No	0.26 Thermal Discharging
SHP072	322	'44034513_/_6998582'	3.33		3.33	3.33	0.26	0.5	3.33	1.65 No	0.26 Thermal Discharging
SHP072	323	'6998198_/_6998195'	3.33		3.33	3.33	0.26	0.5	3.33	1.65 No	0.26 Thermal Discharging
SHP072	324	'43744555_/_5568801'	3.33		3.33	3.33	0.26	0.3	3.33	1.65 No	0.26 Thermal Discharging
SHP072	325	'5598480_/_5598477'	10		10	10	0.77	1	10	4.96 No	0.77 Thermal Discharging
SHP072	326	'702225098_/_702225152'	10		10	10	0.77	4.5	10	4.96 No	0.77 Thermal Discharging
SHP072	327	'702225097_/_702225095'	10		10	10	0.77	4.5	10	4.96 No	0.77 Thermal Discharging
SHP072	328	'702225110_/_702225107'	10		10	10	0.77	4.5	10	4.96 No	0.77 Thermal Discharging
SHP072	329	'702225116_/_702225113'	10		10	10	0.77	4.5	10	4.96 No	0.77 Thermal Discharging
SHP072	330	'702225104_/_702225101'	10		10	10	0.77	4.5	10	4.96 No	0.77 Thermal Discharging
SHP072	331	'5598531_/_5598528'	3.33		3.33	3.33	0.26	0.33	3.33	1.65 No	0.26 Thermal Discharging
SHP072	332	'6995244_/_44035240'	3.33		3.33	3.33	0.26	0.5	3.33	1.65 No	0.26 Thermal Discharging
SHP072	333	'6994630_/_6994640'	3.33		3.33	3.33	0.26	0.5	3.33	1.65 No	0.26 Thermal Discharging
SHP072	334	'5568609_/_43744445'	3.33		3.33	3.33	0.26	0.5	3.33	1.65 No	0.26 Thermal Discharging
SHP072	335	'7000722_/_7000719'	3.33		3.33	3.33	0.26	0.4	3.33	1.65 No	0.26 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SHP072	336	'44034800_/_44034802'	3.33	3.33	3.33	0.26	0.5	3.33	1.65	No	0.26 Thermal Discharging
SHP072	337	'8721283_/_8721280_2'	10	10	10	0.77	1.5	10	4.96	No	0.77 Thermal Discharging
SHP072	338	'5595288_/_43744390'	3.33	3.33	3.33	0.26	0.5	3.33	1.65	No	0.26 Thermal Discharging
SHP072	339	'6998464_/_6998488'	3.33	3.33	3.33	0.26	0.4	3.33	1.65	No	0.26 Thermal Discharging
SHP072	340	'6998227_/_6998224'	3.33	3.33	3.33	0.26	0.5	3.33	1.65	No	0.26 Thermal Discharging
SHP072	341	'43744687_/_5597673'	3.33	3.33	3.33	0.26	0.5	3.33	1.65	No	0.26 Thermal Discharging
SHP072	342	'6998747_/_6998744'	3.33	3.33	3.33	0.26	0.5	3.33	1.65	No	0.26 Thermal Discharging
SHP072	343	'6994432_/_44034734'	3.33	3.33	3.33	0.26	0.5	3.33	1.65	No	0.26 Thermal Discharging
SHP072	344	'5595236_/_5595233'	3.33	3.33	3.33	0.26	0.5	3.33	1.65	No	0.26 Thermal Discharging
SHP072	345	'5598120_/_5598118'	3.33	3.33	3.33	0.26	0.2	3.33	1.65	No	0.2 Element Fault
SHP072	346	'6995245_/_6995242'	3.33	3.33	3.33	0.26	0.5	3.33	1.65	No	0.26 Thermal Discharging
SHP072	347	'5595970_/_43744423_2'	3.33	3.33	3.33	0.26	0.5	3.33	1.65	No	0.26 Thermal Discharging
SHP072	348	'7000072_/_44034891'	10	10	10	0.77	2.3	10	4.96	No	0.77 Thermal Discharging
SHP072	349	'5598497_/_5598494'	10	10	10	0.77	1	10	4.96	No	0.77 Thermal Discharging
SHP072	350	'43745986_/_5601711'	3.33	3.33	3.33	0.26	0.33	3.33	1.65	No	0.26 Thermal Discharging
SHP072	351	'6994354_/_6994351'	3.33	3.33	3.33	0.26	0.5	3.33	1.65	No	0.26 Thermal Discharging
SHP072	352	'6999243_/_6999240'	3.33	3.33	3.33	0.26	0.4	3.33	1.65	No	0.26 Thermal Discharging
SHP072	353	'5598063_/_5598060'	3.33	3.33	3.33	0.26	0.3	3.33	1.65	No	0.26 Thermal Discharging
SHP072	354	'7000808_/_7000806'	3.33	3.33	3.33	0.26	0.4	3.33	1.65	No	0.26 Thermal Discharging
SHP072	355	'5606940_/_5606953_1'	3.33	3.33	3.33	0.26	0.1	3.33	1.65	No	0.1 Element Fault
SHP072	356	'5597848_/_43744772'	3.33	3.33	3.33	0.26	0.5	3.33	1.65	No	0.26 Thermal Discharging
SHP072	357	'6998172_/_6998240'	3.33	3.33	3.33	0.26	0.5	3.33	1.65	No	0.26 Thermal Discharging
SHP072	358	'6998598_/_6998595'	3.33	3.33	3.33	0.26	0.5	3.33	1.65	No	0.26 Thermal Discharging
SHP072	359	'5596023_/_5596020'	3.33	3.33	3.33	0.26	0.5	3.33	1.65	No	0.26 Thermal Discharging
SHP072	360	'5568817_/_5568814'	3.33	3.33	3.33	0.26	0.3	3.33	1.65	No	0.26 Thermal Discharging
SHP072	361	'43744203_/_5595301'	3.33	3.33	3.33	0.26	0.5	3.33	1.65	No	0.26 Thermal Discharging
SHP072	362	'6994617_/_6994627'	3.33	3.33	3.33	0.26	0.5	3.33	1.65	No	0.26 Thermal Discharging
SHP072	363	'6994367_/_6994364'	3.33	3.33	3.33	0.26	0.5	3.33	1.65	No	0.26 Thermal Discharging
SHP072	364	'43744181_/_5601448'	3.33	3.33	3.33	0.26	0.5	3.33	1.65	No	0.26 Thermal Discharging
SHP072	365	'6998465_/_6998462'	3.33	3.33	3.33	0.26	0.4	3.33	1.65	No	0.26 Thermal Discharging
SHP072	366	'44034546_/_6998757'	3.33	3.33	3.33	0.26	0.5	3.33	1.65	No	0.26 Thermal Discharging
SHP072	367	'6998650_/_6998647'	3.33	3.33	3.33	0.26	0.5	3.33	1.65	No	0.26 Thermal Discharging
SHP072	368	'5597689_/_43744689'	3.33	3.33	3.33	0.26	0.5	3.33	1.65	No	0.26 Thermal Discharging
SHP072	369	'6994536_/_6994533'	3.33	3.33	3.33	0.26	0.5	3.33	1.65	No	0.26 Thermal Discharging
SHP072	370	'6999295_/_6999292'	3.33	3.33	3.33	0.26	0.5	3.33	1.65	No	0.26 Thermal Discharging
SHP072	371	'7000735_/_7000732'	3.33	3.33	3.33	0.26	0.4	3.33	1.65	No	0.26 Thermal Discharging
SHP072	372	'6998294_/_7000089'	10	10	10	0.77	2.3	10	4.96	No	0.77 Thermal Discharging
SHP072	373	'5598544_/_5598541'	10	10	10	0.77	1	10	4.96	No	0.77 Thermal Discharging
SHP072	374	'43745997_/_5601727'	10	10	10	0.77	1	10	4.96	No	0.77 Thermal Discharging
SHP072	375	'5600098_/_5606953_2'	3.33	3.33	3.33	0.26	0.1	3.33	1.65	No	0.1 Element Fault
SHP072	376	'5603431_/_5603441'	3.33	3.33	3.33	0.26	0.2	3.33	1.65	No	0.2 Element Fault
SHP072	377	'6998611_/_6998608'	3.33	3.33	3.33	0.26	0.5	3.33	1.65	No	0.26 Thermal Discharging
SHP072	378	'6994561_/_6994559'	3.33	3.33	3.33	0.26	0.5	3.33	1.65	No	0.26 Thermal Discharging
SHP072	379	'43744454_/_5596033'	3.33	3.33	3.33	0.26	0.5	3.33	1.65	No	0.26 Thermal Discharging
SHP072	380	'7000824_/_7000822'	3.33	3.33	3.33	0.26	0.4	3.33	1.65	No	0.26 Thermal Discharging
SHP072	381	'5598078_/_5601698'	3.33	3.33	3.33	0.26	0.5	3.33	1.65	No	0.26 Thermal Discharging
SHP072	382	'6998269_/_6998266_2'	3.33	3.33	3.33	0.26	0.77	3.33	1.65	No	0.26 Thermal Discharging
SHP072	383	'43744566_/_5597283'	3.33	3.33	3.33	0.26	0.3	3.33	1.65	No	0.26 Thermal Discharging
SHP072	384	'6998311_/_6998308'	10	10	10	0.77	2.3	10	4.96	No	0.77 Thermal Discharging
SHP072	385	'44034743_/_6994377'	3.33	3.33	3.33	0.26	0.5	3.33	1.65	No	0.26 Thermal Discharging
SHP072	386	'5595317_/_43744205'	3.33	3.33	3.33	0.26	0.5	3.33	1.65	No	0.26 Thermal Discharging
SHP072	387	'45398772_/_6998770'	3.33	3.33	3.33	0.26	0.5	3.33	1.65	No	0.26 Thermal Discharging
SHP072	388	'5601750_/_43745999'	10	10	10	0.77	1	10	4.96	No	0.77 Thermal Discharging
SHP072	389	'7482851_/_7793383_1'	10	10	10	0.77	0.5	10	4.96	No	0.5 Element Fault
SHP072	390	'5597702_/_5597699'	3.33	3.33	3.33	0.26	0.5	3.33	1.65	No	0.26 Thermal Discharging
SHP072	391	'43744186_/_43744183'	3.33	3.33	3.33	0.26	0.5	3.33	1.65	No	0.26 Thermal Discharging
SHP072	392	'7793386_/_7793383_2'	10	10	10	0.77	0.5	10	4.96	No	0.5 Element Fault
SHP072	393	'6998256_/_6998266_1'	3.33	3.33	3.33	0.26	0.5	3.33	1.65	No	0.26 Thermal Discharging
SHP072	394	'5600099_/_5600096'	3.33	3.33	3.33	0.26	0.1	3.33	1.65	No	0.1 Element Fault
SHP072	395	'44034822_/_44034824'	3.33	3.33	3.33	0.26	0.5	3.33	1.65	No	0.26 Thermal Discharging
SHP072	396	'5598561_/_5598558'	10	10	10	0.77	1	10	4.96	No	0.77 Thermal Discharging
SHP072	397	'6998663_/_6998660'	3.33	3.33	3.33	0.26	0.5	3.33	1.65	No	0.26 Thermal Discharging
SHP072	398	'43746010_/_43746012'	3.33	3.33	3.33	0.26	0.2	3.33	1.65	No	0.2 Element Fault
SHP072	399	'6994601_/_6994598_2'	3.33	3.33	3.33	0.26	0.5	3.33	1.65	No	0.26 Thermal Discharging
SHP072	400	'6998478_/_6998475'	3.33	3.33	3.33	0.26	0.4	3.33	1.65	No	0.26 Thermal Discharging
SHP072	401	'6998328_/_6998325'	10	10	10	0.77	2.3	10	4.96	No	0.77 Thermal Discharging
SHP072	402	'7000838_/_7000848'	3.33	3.33	3.33	0.26	0.4	3.33	1.65	No	0.26 Thermal Discharging
SHP072	403	'5595330_/_5595327'	3.33	3.33	3.33	0.26	0.5	3.33	1.65	No	0.26 Thermal Discharging
SHP072	404	'5596049_/_43744456'	3.33	3.33	3.33	0.26	0.5	3.33	1.65	No	0.26 Thermal Discharging
SHP072	405	'8721182_/_8721180_1'	10	10	10	0.77	1.4	10	4.96	No	0.77 Thermal Discharging
SHP072	406	'44034524_/_6998621'	3.33	3.33	3.33	0.26	0.5	3.33	1.65	No	0.26 Thermal Discharging
SHP072	407	'107539086_/_85980481'	10	10	10	0.77	1	10	4.96	No	0.77 Thermal Discharging
SHP072	408	'107539147_/_85980601_1'	10	10	10	0.77	0.5	10	4.96	No	0.5 Element Fault
SHP072	409	'5598079_/_5598076'	3.33	3.33	3.33	0.26	0.5	3.33	1.65	No	0.26 Thermal Discharging
SHP072	410	'7000750_/_7000748'	3.33	3.33	3.33	0.26	0.5	3.33	1.65	No	0.26 Thermal Discharging
SHP072	411	'6999308_/_6999305'	3.33	3.33	3.33	0.26	0.5	3.33	1.65	No	0.26 Thermal Discharging
SHP072	412	'5597299_/_43744568'	3.33	3.33	3.33	0.26	0.3	3.33	1.65	No	0.26 Thermal Discharging
SHP072	413	'43745045_/_5598623'	10	10	10	0.77	1	10	4.96	No	0.77 Thermal Discharging
SHP072	414	'5598626_/_5604504_1'	10	10	10	0.77	0.5	10	4.96	No	0.5 Element Fault
SHP072	415	'43744698_/_5597712'	3.33	3.33	3.33	0.26	0.5	3.33	1.65	No	0.26 Thermal Discharging
SHP072	416	'5604507_/_5604504_2'	10	10	10	0.77	0.5	10	4.96	No	0.5 Element Fault
SHP072	417	'8721183_/_8721180_2'	10	10	10	0.77	1.4	10	4.96	No	0.77 Thermal Discharging
SHP072	418	'6994393_/_44034745'	3.33	3.33	3.33	0.26	0.5	3.33	1.65	No	0.26 Thermal Discharging
SHP072	419	'43745058_/_5604521'	10	10	10	0.77	0.5	10	4.96	No	0.5 Element Fault
SHP072	420	'6994600_/_6994598_1'	3.33	3.33	3.33	0.26	0.5	3.33	1.65	No	0.26 Thermal Discharging
SHP072	421	'5604541_/_43745060'	10	10	10	0.77	0.5	10	4.96	No	0.5 Element Fault
SHP072	422	'5604558_/_5604555'	10	10	10	0.77	0.5	10	4.96	No	0.5 Element Fault
SHP072	423	'5596062_/_5596059_1'	3.33	3.33	3.33	0.26	0.5	3.33	1.65	No	0.26 Thermal Discharging
SHP072	424	'44034591_/_6998676'	3.33	3.33	3.33	0.26	0.5	3.33	1.65	No	0.26 Thermal Discharging
SHP072	425	'6998348_/_44035228'	6.67	6.67	6.67	0.51	1.53	6.67	3.31	No	0.51 Thermal Discharging
SHP072	426	'8044003_/_8984865_1'	10	10	10	0.77	0.3	10	4.96	No	0.3 Element Fault
SHP072	427	'5598382_/_5600109'	3.33	3.33	3.33	0.26	0.1	3.33	1.65	No	0.1 Element Fault
SHP072	428	'44034457_/_6998253'	3.33	3.33	3.33	0.26	0.5	3.33	1.65	No	0.26 Thermal Discharging
SHP072	429	'5598092_/_5598089'	3.33	3.33	3.33	0.26	0.5	3.33	1.65	No	0.26 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SHP072	430	'707318823_/707318904'	3.33	3.33	3.33	3.33	0.26	1.4	3.33	1.65 No	0.26 Thermal Discharging
SHP072	431	'5595845_/7099608'	3.33	3.33	3.33	3.33	0.26	0.5	3.33	1.65 No	0.26 Thermal Discharging
SHP072	432	'422820117_/85980601_2'	10	10	10	10	0.77	0.5	10	4.96 No	0.5 Element Fault
SHP072	433	'43744465_/5596059_2'	3.33	3.33	3.33	3.33	0.26	0.5	3.33	1.65 No	0.26 Thermal Discharging
SHP072	434	'422820174_/422820193'	10	10	10	10	0.77	0.5	10	4.96 No	0.5 Element Fault
SHP072	435	'6999360_/6999357'	3.33	3.33	3.33	3.33	0.26	0.5	3.33	1.65 No	0.26 Thermal Discharging
SHP072	436	'5597887_/5598105'	3.33	3.33	3.33	3.33	0.26	0.2	3.33	1.65 No	0.2 Element Fault
SHP072	437	'44035362_/44035364'	3.33	3.33	3.33	3.33	0.26	0.4	3.33	1.65 No	0.26 Thermal Discharging
SHP072	438	'5598583_/5598643'	3.33	3.33	3.33	3.33	0.26	0.33	3.33	1.65 No	0.26 Thermal Discharging
SHP072	439	'5595858_/5595855'	3.33	3.33	3.33	3.33	0.26	0.5	3.33	1.65 No	0.26 Thermal Discharging
SHP072	440	'5595343_/5595340'	3.33	3.33	3.33	3.33	0.26	0.5	3.33	1.65 No	0.26 Thermal Discharging
SHP072	441	'8984868_/8984865_2'	10	10	10	10	0.77	0.3	10	4.96 No	0.3 Element Fault
SHP072	442	'5597312_/5597309'	3.33	3.33	3.33	3.33	0.26	0.3	3.33	1.65 No	0.26 Thermal Discharging
SHP072	443	'6998369_/6998366'	6.67	6.67	6.67	6.67	0.51	1.53	6.67	3.31 No	0.51 Thermal Discharging
SHP072	444	'44034529_/44034526'	3.33	3.33	3.33	3.33	0.26	0.5	3.33	1.65 No	0.26 Thermal Discharging
SHP072	445	'5597728_/43744700'	3.33	3.33	3.33	3.33	0.26	0.5	3.33	1.65 No	0.26 Thermal Discharging
SHP072	446	'44034596_/44034593'	3.33	3.33	3.33	3.33	0.26	0.5	3.33	1.65 No	0.26 Thermal Discharging
SHP072	447	'6999321_/6999318'	3.33	3.33	3.33	3.33	0.26	0.5	3.33	1.65 No	0.26 Thermal Discharging
SHP072	448	'6994490_/6999370'	3.33	3.33	3.33	3.33	0.26	0.5	3.33	1.65 No	0.26 Thermal Discharging
SHP072	449	'5597874_/5597884'	3.33	3.33	3.33	3.33	0.26	0.2	3.33	1.65 No	0.2 Element Fault
SHP072	450	'5598383_/5598380'	3.33	3.33	3.33	3.33	0.26	0.1	3.33	1.65 No	0.1 Element Fault
SHP072	451	'6998281_/6998279'	3.33	3.33	3.33	3.33	0.26	0.5	3.33	1.65 No	0.26 Thermal Discharging
SHP072	452	'43744476_/43744467'	3.33	3.33	3.33	3.33	0.26	0.5	3.33	1.65 No	0.26 Thermal Discharging
SHP072	453	'44034479_/6998397'	6.67	6.67	6.67	6.67	0.51	1.53	6.67	3.31 No	0.51 Thermal Discharging
SHP072	454	'5595871_/5595868'	3.33	3.33	3.33	3.33	0.26	0.5	3.33	1.65 No	0.26 Thermal Discharging
SHP072	455	'5598396_/5598393'	3.33	3.33	3.33	3.33	0.26	0.1	3.33	1.65 No	0.1 Element Fault
SHP072	456	'6998383_/44034493'	3.33	3.33	3.33	3.33	0.26	0.77	3.33	1.65 No	0.26 Thermal Discharging
SHP072	457	'5610884_/5610881'	3.33	3.33	3.33	3.33	0.26	0.5	3.33	1.65 No	0.26 Thermal Discharging
SHP072	458	'43744577_/5597322'	3.33	3.33	3.33	3.33	0.26	0.3	3.33	1.65 No	0.26 Thermal Discharging
SHP072	459	'6999334_/6999331'	3.33	3.33	3.33	3.33	0.26	0.5	3.33	1.65 No	0.26 Thermal Discharging
SHP072	460	'5598584_/5598581'	3.33	3.33	3.33	3.33	0.26	0.33	3.33	1.65 No	0.26 Thermal Discharging
SHP072	461	'5568634_/5596111'	3.33	3.33	3.33	3.33	0.26	0.5	3.33	1.65 No	0.26 Thermal Discharging
SHP072	462	'44034776_/6994488'	3.33	3.33	3.33	3.33	0.26	0.5	3.33	1.65 No	0.26 Thermal Discharging
SHP072	463	'101939975_/5568632_1'	3.33	3.33	3.33	3.33	0.26	0.3	3.33	1.65 No	0.26 Thermal Discharging
SHP072	464	'5600204_/5600201'	3.33	3.33	3.33	3.33	0.26	0.1	3.33	1.65 No	0.1 Element Fault
SHP072	465	'78751993_/78751968'	3.33	3.33	3.33	3.33	0.26	0.77	3.33	1.65 No	0.26 Thermal Discharging
SHP072	466	'5597338_/5597335'	3.33	3.33	3.33	3.33	0.26	0.3	3.33	1.65 No	0.26 Thermal Discharging
SHP072	467	'6998400_/44034481'	6.67	6.67	6.67	6.67	0.51	1.53	6.67	3.31 No	0.51 Thermal Discharging
SHP072	468	'707318781_/707318839'	3.33	3.33	3.33	3.33	0.26	1.4	3.33	1.65 No	0.26 Thermal Discharging
SHP072	469	'43744709_/5610894'	3.33	3.33	3.33	3.33	0.26	0.5	3.33	1.65 No	0.26 Thermal Discharging
SHP072	470	'43744781_/43744783'	3.33	3.33	3.33	3.33	0.26	0.2	3.33	1.65 No	0.2 Element Fault
SHP072	471	'5568583_/43744478'	3.33	3.33	3.33	3.33	0.26	0.5	3.33	1.65 No	0.26 Thermal Discharging
SHP072	472	'7000867_/7001158'	3.33	3.33	3.33	3.33	0.26	0.4	3.33	1.65 No	0.26 Thermal Discharging
SHP072	473	'43744410_/5595955'	3.33	3.33	3.33	3.33	0.26	0.5	3.33	1.65 No	0.26 Thermal Discharging
SHP072	474	'5568635_/5568632_2'	3.33	3.33	3.33	3.33	0.26	0.3	3.33	1.65 No	0.26 Thermal Discharging
SHP072	475	'44034866_/7099621'	3.33	3.33	3.33	3.33	0.26	0.5	3.33	1.65 No	0.26 Thermal Discharging
SHP072	476	'43745082_/5598607'	3.33	3.33	3.33	3.33	0.26	0.33	3.33	1.65 No	0.26 Thermal Discharging
SHP072	477	'69456423_/7468621_1'	3.33	3.33	3.33	3.33	0.26	0.4	3.33	1.65 No	0.26 Thermal Discharging
SHP072	478	'44034468_/44034470'	3.33	3.33	3.33	3.33	0.26	0.5	3.33	1.65 No	0.26 Thermal Discharging
SHP072	479	'5597351_/5597348'	3.33	3.33	3.33	3.33	0.26	0.3	3.33	1.65 No	0.26 Thermal Discharging
SHP072	480	'44034754_/6999344'	3.33	3.33	3.33	3.33	0.26	0.5	3.33	1.65 No	0.26 Thermal Discharging
SHP072	481	'6994507_/6994504'	3.33	3.33	3.33	3.33	0.26	0.5	3.33	1.65 No	0.26 Thermal Discharging
SHP072	482	'6998418_/6998415'	6.67	6.67	6.67	6.67	0.51	1.53	6.67	3.31 No	0.51 Thermal Discharging
SHP072	483	'5568778_/5568775'	3.33	3.33	3.33	3.33	0.26	0.5	3.33	1.65 No	0.26 Thermal Discharging
SHP072	484	'5568596_/5568593'	3.33	3.33	3.33	3.33	0.26	0.5	3.33	1.65 No	0.26 Thermal Discharging
SHP072	485	'43745071_/5598594'	3.33	3.33	3.33	3.33	0.26	0.33	3.33	1.65 No	0.26 Thermal Discharging
SHP072	486	'45172412_/5597858'	3.33	3.33	3.33	3.33	0.26	0.2	3.33	1.65 No	0.2 Element Fault
SHP072	487	'5597740_/43744711'	3.33	3.33	3.33	3.33	0.26	0.5	3.33	1.65 No	0.26 Thermal Discharging
SHP072	488	'7000008_/7000006'	3.33	3.33	3.33	3.33	0.26	0.5	3.33	1.65 No	0.26 Thermal Discharging
SHP072	489	'43744511_/5568645'	3.33	3.33	3.33	3.33	0.26	0.3	3.33	1.65 No	0.26 Thermal Discharging
SHP072	490	'5595887_/5595884'	3.33	3.33	3.33	3.33	0.26	0.5	3.33	1.65 No	0.26 Thermal Discharging
SHP072	491	'5598610_/43745084'	3.33	3.33	3.33	3.33	0.26	0.33	3.33	1.65 No	0.26 Thermal Discharging
SHP072	492	'7000866_/7000864'	3.33	3.33	3.33	3.33	0.26	0.4	3.33	1.65 No	0.26 Thermal Discharging
SHP072	493	'6994668_/44034868'	3.33	3.33	3.33	3.33	0.26	0.5	3.33	1.65 No	0.26 Thermal Discharging
SHP072	494	'44034765_/44034756'	3.33	3.33	3.33	3.33	0.26	0.5	3.33	1.65 No	0.26 Thermal Discharging
SHP072	495	'6994523_/6994520'	3.33	3.33	3.33	3.33	0.26	0.5	3.33	1.65 No	0.26 Thermal Discharging
SHP072	496	'707318739_/707318797'	3.33	3.33	3.33	3.33	0.26	1.4	3.33	1.65 No	0.26 Thermal Discharging
SHP072	497	'44034557_/6998783'	6.67	6.67	6.67	6.67	0.51	1.53	6.67	3.31 No	0.51 Thermal Discharging
SHP072	498	'5568699_/5568788'	3.33	3.33	3.33	3.33	0.26	0.5	3.33	1.65 No	0.26 Thermal Discharging
SHP072	499	'753779873_/707318755_2'	3.33	3.33	3.33	3.33	0.26	1.4	3.33	1.65 No	0.26 Thermal Discharging
SHP072	500	'5595899_/5595910'	3.33	3.33	3.33	3.33	0.26	0.5	3.33	1.65 No	0.26 Thermal Discharging
SHP072	501	'44034770_/44034767'	3.33	3.33	3.33	3.33	0.26	0.5	3.33	1.65 No	0.26 Thermal Discharging
SHP072	502	'5597364_/5597361'	3.33	3.33	3.33	3.33	0.26	0.3	3.33	1.65 No	0.26 Thermal Discharging
SHP072	503	'7001134_/44035353'	3.33	3.33	3.33	3.33	0.26	0.4	3.33	1.65 No	0.26 Thermal Discharging
SHP072	504	'5597741_/5597738'	3.33	3.33	3.33	3.33	0.26	0.5	3.33	1.65 No	0.26 Thermal Discharging
SHP072	505	'5595900_/5595897'	3.33	3.33	3.33	3.33	0.26	0.5	3.33	1.65 No	0.26 Thermal Discharging
SHP072	506	'6998801_/6998798'	6.67	6.67	6.67	6.67	0.51	1.53	6.67	3.31 No	0.51 Thermal Discharging
SHP072	507	'43744500_/43744513'	3.33	3.33	3.33	3.33	0.26	0.3	3.33	1.65 No	0.26 Thermal Discharging
SHP072	508	'7468624_/7468621_2'	3.33	3.33	3.33	3.33	0.26	0.4	3.33	1.65 No	0.26 Thermal Discharging
SHP072	509	'44034855_/6994666'	3.33	3.33	3.33	3.33	0.26	0.5	3.33	1.65 No	0.26 Thermal Discharging
SHP072	510	'5598597_/43745073'	3.33	3.33	3.33	3.33	0.26	0.33	3.33	1.65 No	0.26 Thermal Discharging
SHP072	511	'5568700_/5568697'	3.33	3.33	3.33	3.33	0.26	0.5	3.33	1.65 No	0.26 Thermal Discharging
SHP072	512	'44034877_/6998816'	6.67	6.67	6.67	6.67	0.51	1.53	6.67	3.31 No	0.51 Thermal Discharging
SHP072	513	'43746680_/5606966'	1.8	3.33	3.33	3.33	0.26	0.5	3.33	1.65 No	0.26 Thermal Discharging
SHP072	514	'5568674_/5568671'	3.33	3.33	3.33	3.33	0.26	0.3	3.33	1.65 No	0.26 Thermal Discharging
SHP072	515	'43744544_/5568710'	3.33	3.33	3.33	3.33	0.26	0.5	3.33	1.65 No	0.26 Thermal Discharging
SHP072	516	'5568713_/5568723_1'	3.33	3.33	3.33	3.33	0.26	0.5	3.33	1.65 No	0.26 Thermal Discharging
SHP072	517	'6995214_/44034879'	6.67	6.67	6.67	6.67	0.51	1.53	6.67	3.31 No	0.51 Thermal Discharging
SHP072	518	'5597377_/5597374'	1.67	3.33	3.33	3.33	0.26	0.3	3.33	1.65 No	0.26 Thermal Discharging
SHP072	519	'6994681_/44034857'	3.33	3.33	3.33	3.33	0.26	0.5	3.33	1.65 No	0.26 Thermal Discharging
SHP072	520	'9043794_/9043791'	3.33	3.33	3.33	3.33	0.26	0.4	3.33	1.65 No	0.26 Thermal Discharging
SHP072	521	'6998834_/6998831_1'	3.33	3.33	3.33	3.33	0.26	0.5	3.33	1.65 No	0.26 Thermal Discharging
SHP072	522	'6998847_/6998831_2'	3.33	3.33	3.33	3.33	0.26	0.5	3.33	1.65 No	0.26 Thermal Discharging
SHP072	523	'5597390_/5597387'	1.47	3.33	3.33	3.33	0.26	0.3	3.33	1.65 No	0.26 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over- Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SHP072	524	'5568687_/_5568684'		3.33	3.33	3.33	0.26	0.3	3.33	1.65 No	0.26 Thermal Discharging
SHP072	525	'5606982_/_43746682'		1.47	3.33	3.33	0.26	0.5	3.33	1.65 No	0.26 Thermal Discharging
SHP072	526	'5568726_/_5568723_2'		3.33	3.33	3.33	0.26	0.5	3.33	1.65 No	0.26 Thermal Discharging
SHP072	527	'7001177_/_7001174'		3.33	3.33	3.33	0.26	0.77	3.33	1.65 No	0.26 Thermal Discharging
SHP072	528	'5607066_/_5607077'		1.37	3.33	3.33	0.26	0.5	3.33	1.65 No	0.26 Thermal Discharging
SHP072	529	'44032276_/_7126142'		3.33	3.33	3.33	0.26	0.77	3.33	1.65 No	0.26 Thermal Discharging
SHP072	530	'44034844_/_6994679'		3.33	3.33	3.33	0.26	0.5	3.33	1.65 No	0.26 Thermal Discharging
SHP072	531	'6989478_/_6989476_1'		3.33	3.33	3.33	0.26	0.5	3.33	1.65 No	0.26 Thermal Discharging
SHP072	532	'44034569_/_6998860'		3.33	3.33	3.33	0.26	0.5	3.33	1.65 No	0.26 Thermal Discharging
SHP072	533	'6989436_/_6989476_2'		3.33	3.33	3.33	0.26	0.5	3.33	1.65 No	0.26 Thermal Discharging
SHP072	534	'43744588_/_5597400'		1.23	3.33	3.33	0.26	0.3	3.33	1.65 No	0.26 Thermal Discharging
SHP072	535	'5607067_/_5607064'		1.23	3.33	3.33	0.26	0.5	3.33	1.65 No	0.26 Thermal Discharging
SHP072	536	'43744533_/_5568736'		1.83	3.33	3.33	0.26	0.5	3.33	1.65 No	0.26 Thermal Discharging
SHP072	537	'6989437_/_6989434'		3.33	3.33	3.33	0.26	0.5	3.33	1.65 No	0.26 Thermal Discharging
SHP072	538	'6998876_/_6998873'		3.33	3.33	3.33	0.26	0.5	3.33	1.65 No	0.26 Thermal Discharging
SHP072	539	'6994682_/_44034846'		3.33	3.33	3.33	0.26	0.5	3.33	1.65 No	0.26 Thermal Discharging
SHP072	540	'5597416_/_5597413'		1.1	3.33	3.33	0.26	0.3	3.33	1.65 No	0.26 Thermal Discharging
SHP072	541	'5568752_/_5568749'		1.43	3.33	3.33	0.26	0.5	3.33	1.65 No	0.26 Thermal Discharging
SHP072	542	'44031399_/_6989447'		3.33	3.33	3.33	0.26	0.5	3.33	1.65 No	0.26 Thermal Discharging
SHP072	543	'6998889_/_6998886'		3.33	3.33	3.33	0.26	0.5	3.33	1.65 No	0.26 Thermal Discharging
SHP072	544	'5597429_/_5597426'		1	3.33	3.33	0.26	0.3	3.33	1.65 No	0.26 Thermal Discharging
SHP072	545	'6994695_/_6994692_1'		1.63	3.33	3.33	0.26	0.5	3.33	1.65 No	0.26 Thermal Discharging
SHP072	546	'6989357_/_6989463'		3.33	3.33	3.33	0.26	0.5	3.33	1.65 No	0.26 Thermal Discharging
SHP072	547	'44034833_/_6994692_2'		1.57	3.33	3.33	0.26	0.5	3.33	1.65 No	0.26 Thermal Discharging
SHP072	548	'43744522_/_5568762'		1.2	3.33	3.33	0.26	0.5	3.33	1.65 No	0.26 Thermal Discharging
SHP072	549	'6998902_/_6998899'		1.6	3.33	3.33	0.26	0.5	3.33	1.65 No	0.26 Thermal Discharging
SHP072	550	'6989358_/_6989355'		3.33	3.33	3.33	0.26	0.5	3.33	1.65 No	0.26 Thermal Discharging
SHP072	551	'393745280_/_6989368_1'		3.33	3.33	3.33	0.26	0.3	3.33	1.65 No	0.26 Thermal Discharging
SHP072	552	'43744599_/_5597439'		0.9	3.33	3.33	0.26	0.3	3.33	1.65 No	0.26 Thermal Discharging
SHP072	553	'44031410_/_6989502'		3.33	3.33	3.33	0.26	0.5	3.33	1.65 No	0.26 Thermal Discharging
SHP072	554	'391469049_/_5597452_1'		0.87	3.33	3.33	0.26	0.3	3.33	1.65 No	0.26 Thermal Discharging
SHP072	555	'44034580_/_6998912'		1.37	3.33	3.33	0.26	0.5	3.33	1.65 No	0.26 Thermal Discharging
SHP072	556	'6989371_/_6989368_2'		1.67	3.33	3.33	0.26	0.3	3.33	1.65 No	0.26 Thermal Discharging
SHP072	557	'6994708_/_44034835'		1.23	3.33	3.33	0.26	0.5	3.33	1.65 No	0.26 Thermal Discharging
SHP072	558	'5568765_/_43744524'		1.07	3.33	3.33	0.26	0.5	3.33	1.65 No	0.26 Thermal Discharging
SHP072	559	'6994816_/_6994813'		1.2	3.33	3.33	0.26	0.5	3.33	1.65 No	0.26 Thermal Discharging
SHP072	560	'6989492_/_44031412'		1.6	3.33	3.33	0.26	0.5	3.33	1.65 No	0.26 Thermal Discharging
SHP072	561	'5597455_/_5597452_2'		0.83	3.33	3.33	0.26	0.3	3.33	1.65 No	0.26 Thermal Discharging
SHP072	562	'6989384_/_6989381'		1.43	3.33	3.33	0.26	0.3	3.33	1.65 No	0.26 Thermal Discharging
SHP072	563	'6998928_/_44034582'		1.2	3.33	3.33	0.26	0.5	3.33	1.65 No	0.26 Thermal Discharging
SHP072	564	'44032370_/_7099556'		1.4	3.33	3.33	0.26	0.5	3.33	1.65 No	0.26 Thermal Discharging
SHP072	565	'6989397_/_6989394'		1.3	3.33	3.33	0.26	0.3	3.33	1.65 No	0.26 Thermal Discharging
SHP072	566	'5597468_/_5597465'		0.77	3.33	3.33	0.26	0.3	3.33	1.65 No	0.26 Thermal Discharging
SHP072	567	'5595355_/_7099543'		1.1	3.33	3.33	0.26	0.5	3.33	1.65 No	0.26 Thermal Discharging
SHP072	568	'5611185_/_5611182'		1.3	3.33	3.33	0.26	0.5	3.33	1.65 No	0.26 Thermal Discharging
SHP072	569	'43747280_/_6989407'		1.17	3.33	3.33	0.26	0.3	3.33	1.65 No	0.26 Thermal Discharging
SHP072	570	'5595356_/_5595353'		1.03	3.33	3.33	0.26	0.5	3.33	1.65 No	0.26 Thermal Discharging
SHP072	571	'43744610_/_5597478'		0.73	3.33	3.33	0.26	0.3	3.33	1.65 No	0.26 Thermal Discharging
SHP072	572	'5611198_/_5611195'		1.2	3.33	3.33	0.26	0.5	3.33	1.65 No	0.26 Thermal Discharging
SHP072	573	'43744214_/_5595366'		0.93	3.33	3.33	0.26	0.5	3.33	1.65 No	0.26 Thermal Discharging
SHP072	574	'5611032_/_43747282'		1.07	3.33	3.33	0.26	0.3	3.33	1.65 No	0.26 Thermal Discharging
SHP072	575	'43744225_/_5611208'		1.13	3.33	3.33	0.26	0.5	3.33	1.65 No	0.26 Thermal Discharging
SHP072	576	'5597494_/_5597491'		0.67	3.33	3.33	0.26	0.3	3.33	1.65 No	0.26 Thermal Discharging
SHP072	577	'5611224_/_43744227'		1.07	3.33	3.33	0.26	0.5	3.33	1.65 No	0.26 Thermal Discharging
SHP072	578	'5595382_/_43744216'		0.87	3.33	3.33	0.26	0.5	3.33	1.65 No	0.26 Thermal Discharging
SHP072	579	'43744399_/_5611030'		0.97	3.33	3.33	0.26	0.3	3.33	1.65 No	0.26 Thermal Discharging
SHP072	580	'5611237_/_5611234'		1.03	3.33	3.33	0.26	0.5	3.33	1.65 No	0.26 Thermal Discharging
SHP072	581	'5597507_/_5597504'		0.63	3.33	3.33	0.26	0.3	3.33	1.65 No	0.26 Thermal Discharging
SHP072	582	'5611252_/_5611263'		1	3.33	3.33	0.26	0.5	3.33	1.65 No	0.26 Thermal Discharging
SHP072	583	'5595395_/_5595392'		0.83	3.33	3.33	0.26	0.5	3.33	1.65 No	0.26 Thermal Discharging
SHP072	584	'53412045_/_5611153_1'		1	3.33	3.33	0.26	0.3	3.33	1.65 No	0.26 Thermal Discharging
SHP072	585	'5601773_/_5601770'		0.9	3.33	3.33	0.26	0.3	3.33	1.65 No	0.26 Thermal Discharging
SHP072	586	'43744621_/_5597517'		0.6	3.33	3.33	0.26	0.3	3.33	1.65 No	0.26 Thermal Discharging
SHP072	587	'5601801_/_5611153_2'		0.97	3.33	3.33	0.26	0.3	3.33	1.65 No	0.26 Thermal Discharging
SHP072	588	'5601802_/_5601799'		0.93	3.33	3.33	0.26	0.3	3.33	1.65 No	0.26 Thermal Discharging
SHP072	589	'44681619_/_5597530'		0.6	3.33	3.33	0.26	0.3	3.33	1.65 No	0.26 Thermal Discharging
SHP072	590	'5595408_/_5595405'		0.8	3.33	3.33	0.26	0.5	3.33	1.65 No	0.26 Thermal Discharging
SHP072	591	'5601786_/_5601783'		0.83	3.33	3.33	0.26	0.3	3.33	1.65 No	0.26 Thermal Discharging
SHP072	592	'43747269_/_5611069'		0.9	3.33	3.33	0.26	0.3	3.33	1.65 No	0.26 Thermal Discharging
SHP072	593	'5601815_/_5601812'		0.87	3.33	3.33	0.26	0.3	3.33	1.65 No	0.26 Thermal Discharging
SHP072	594	'5602000_/_43747271'		0.87	3.33	3.33	0.26	0.3	3.33	1.65 No	0.26 Thermal Discharging
SHP072	595	'43744632_/_5596098'		0.73	3.33	3.33	0.26	0.5	3.33	1.65 No	0.26 Thermal Discharging
SHP072	596	'43744236_/_5601825'		0.83	3.33	3.33	0.26	0.3	3.33	1.65 No	0.26 Thermal Discharging
SHP072	597	'5602013_/_5602010'		0.8	3.33	3.33	0.26	0.3	3.33	1.65 No	0.26 Thermal Discharging
SHP072	598	'5601841_/_43744238'		0.8	3.33	3.33	0.26	0.3	3.33	1.65 No	0.26 Thermal Discharging
SHP072	599	'5597546_/_5597543'		0.67	3.33	3.33	0.26	0.5	3.33	1.65 No	0.26 Thermal Discharging
SHP072	600	'43744665_/_5611043'		0.77	3.33	3.33	0.26	0.3	3.33	1.65 No	0.26 Thermal Discharging
SHP072	601	'5601854_/_5601851'		0.77	3.33	3.33	0.26	0.3	3.33	1.65 No	0.26 Thermal Discharging
SHP072	602	'5597562_/_5597559'		0.63	3.33	3.33	0.26	0.5	3.33	1.65 No	0.26 Thermal Discharging
SHP072	603	'5611059_/_43744667'		0.73	3.33	3.33	0.26	0.3	3.33	1.65 No	0.26 Thermal Discharging
SHP072	604	'43747291_/_5601864'		0.73	3.33	3.33	0.26	0.3	3.33	1.65 No	0.26 Thermal Discharging
SHP072	605	'5601867_/_5601877_1'		0.7	3.33	3.33	0.26	0.3	3.33	1.65 No	0.26 Thermal Discharging
SHP072	606	'5611088_/_5611085'		0.7	3.33	3.33	0.26	0.3	3.33	1.65 No	0.26 Thermal Discharging
SHP072	607	'5597575_/_5597572'		0.6	3.33	3.33	0.26	0.5	3.33	1.65 No	0.26 Thermal Discharging
SHP072	608	'5601880_/_5601877_2'		0.7	3.33	3.33	0.26	0.3	3.33	1.65 No	0.26 Thermal Discharging
SHP072	609	'5597588_/_5597585'		0.57	3.33	3.33	0.26	0.5	3.33	1.65 No	0.26 Thermal Discharging
SHP072	610	'43744247_/_5601890'		0.67	3.33	3.33	0.26	0.3	3.33	1.65 No	0.26 Thermal Discharging
SHP072	611	'5611114_/_5611111'		0.67	3.33	3.33	0.26	0.3	3.33	1.65 No	0.26 Thermal Discharging
SHP072	612	'43744252_/_43744249'		0.63	3.33	3.33	0.26	0.3	3.33	1.65 No	0.26 Thermal Discharging
SHP072	613	'5611127_/_5611124'		0.63	3.33	3.33	0.26	0.3	3.33	1.65 No	0.26 Thermal Discharging
SHP072	614	'5611100_/_5611140'		0.6	3.33	3.33	0.26	0.3	3.33	1.65 No	0.26 Thermal Discharging
SHP072	615	'5601934_/_5611098'		0.6	3.33	3.33	0.26	0.3	3.33	1.65 No	0.26 Thermal Discharging
SHP072	616	'43744654_/_5601932'		0.57	3.33	3.33	0.26	0.3	3.33	1.65 No	0.26 Thermal Discharging
SHP072	617	'5601948_/_5601945'		0.57	3.33	3.33	0.26	0.3	3.29	1.65 No	0.26 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SHP072	618	'43744643_/5601958'		0.53	3.33	3.33	0.26	0.3	3.22	1.65 No	0.26 Thermal Discharging
SHP072	619	'5601974_/5601971'		0.5	3.33	3.33	0.26	0.3	3.17	1.65 No	0.26 Thermal Discharging
SHP072	620	'5601987_/5601984'		0.5	3.33	3.33	0.26	0.3	3.11	1.65 No	0.26 Thermal Discharging
SIP061	0	'SIP061_/427158588'		10	10	10	1.48	10	10	10 No	1.48 Thermal Discharging
SIP061	1	'116452406_/427158588'		10	10	10	1.48	10	10	2.2 No	1.48 Thermal Discharging
SIP061	2	'1150636_/116452456'		10	10	10	1.48	10	10	2.2 No	1.48 Thermal Discharging
SIP061	3	'13143256_/3150633'		10	10	10	1.48	10	10	2.2 No	1.48 Thermal Discharging
SIP061	4	'13143257_/3143254'		10	10	10	1.48	10	10	2.2 No	1.48 Thermal Discharging
SIP061	5	'13143277_/3143274'		10	10	10	1.48	10	10	2.19 No	1.48 Thermal Discharging
SIP061	6	'13150303_/3150369'		10	10	10	1.48	10	10	2.19 No	1.48 Thermal Discharging
SIP061	7	'13143415_/3150301'		10	10	10	1.48	10	10	2.19 No	1.48 Thermal Discharging
SIP061	8	'13143416_/3143413_1'		10	10	10	1.48	10	10	2.19 No	1.48 Thermal Discharging
SIP061	9	'43262290_/3143413_2'		10	10	10	1.48	10	10	2.19 No	1.48 Thermal Discharging
SIP061	10	'13143327_/43262292'		10	10	10	1.48	10	10	2.19 No	1.48 Thermal Discharging
SIP061	11	'43262277_/3143325'		10	10	10	1.48	10	10	2.18 No	1.48 Thermal Discharging
SIP061	12	'13143344_/43262279'		10	10	10	1.48	10	10	2.18 No	1.48 Thermal Discharging
SIP061	13	'13143345_/3143342'		10	10	10	1.48	10	10	2.18 No	1.48 Thermal Discharging
SIP061	14	'13143362_/3143359'		10	10	10	1.48	10	10	2.18 No	1.48 Thermal Discharging
SIP061	15	'13143379_/3143376'		10	10	10	1.48	10	10	2.18 No	1.48 Thermal Discharging
SIP061	16	'13143396_/3143393'		10	10	10	1.48	10	10	2.17 No	1.48 Thermal Discharging
SIP061	17	'13143588_/3148948'		10	10	10	1.48	10	10	2.17 No	1.48 Thermal Discharging
SIP061	18	'13143589_/3143586'		10	10	10	1.48	10	10	2.17 No	1.48 Thermal Discharging
SIP061	19	'13143606_/3143603'		10	10	10	1.48	10	10	2.17 No	1.48 Thermal Discharging
SIP061	20	'13143623_/3143620'		10	10	10	1.48	10	10	2.17 No	1.48 Thermal Discharging
SIP061	21	'43262427_/3143637'		10	10	10	1.48	10	10	2.16 No	1.48 Thermal Discharging
SIP061	22	'114678155_/114678115_1'		10	10	10	1.48	10	10	2.16 No	1.48 Thermal Discharging
SIP061	23	'114678184_/114678115_2'		10	10	10	1.48	10	10	2.16 No	1.48 Thermal Discharging
SIP061	24	'43262835_/114678115_3'		10	10	10	1.48	10	10	2.16 No	1.48 Thermal Discharging
SIP061	25	'13149640_/3149637'		10	10	10	1.48	10	10	2.16 No	1.48 Thermal Discharging
SIP061	26	'13149656_/3150250'		10	10	10	1.48	10	10	2.16 No	1.48 Thermal Discharging
SIP061	27	'8825076_/8825074_1'		10	10	10	1.48	1.4	10	2.16 No	1.4 Element Fault
SIP061	28	'43262848_/3149654'		10	10	10	1.48	10	10	2.16 No	1.48 Thermal Discharging
SIP061	29	'9139840_/8825074_2'		10	10	10	1.48	1.4	10	2.16 No	1.4 Element Fault
SIP061	30	'13149674_/3149671'		10	10	10	1.48	10	10	2.15 No	1.48 Thermal Discharging
SIP061	31	'13148524_/3149691'		10	10	10	1.48	10	10	2.15 No	1.48 Thermal Discharging
SIP061	32	'13148541_/3148538'		10	10	10	1.48	10	10	2.15 No	1.48 Thermal Discharging
SIP061	33	'13148558_/3148555'		10	10	10	1.48	10	10	2.15 No	1.48 Thermal Discharging
SIP061	34	'13149833_/3149830'		10	10	10	1.48	10	10	2.15 No	1.48 Thermal Discharging
SIP061	35	'43262761_/3149847'		10	10	10	1.48	10	10	2.15 No	1.48 Thermal Discharging
SIP061	36	'13148594_/3148592_1'		10	10	10	1.48	2.3	10	2.15 No	1.48 Thermal Discharging
SIP061	37	'271321547_/271321494_1'		10	10	10	1.48	1.4	10	2.15 No	1.4 Element Fault
SIP061	38	'13149866_/43262763'		10	10	10	1.48	10	10	2.15 No	1.48 Thermal Discharging
SIP061	39	'240395239_/240395248'		10	10	10	1.48	10	10	2.15 No	1.48 Thermal Discharging
SIP061	40	'348619705_/240393193_2'		10	10	10	1.48	10	10	2.15 No	1.48 Thermal Discharging
SIP061	41	'13149520_/3149864'		10	10	10	1.48	10	10	2.14 No	1.48 Thermal Discharging
SIP061	42	'348619623_/240395170_1'		10	10	10	1.48	1.4	10	2.14 No	1.4 Element Fault
SIP061	43	'13148523_/3148521'		10	10	10	1.48	3.4	10	2.15 No	1.48 Thermal Discharging
SIP061	44	'240393082_/240393193_1'		10	10	10	1.48	10	10	2.14 No	1.48 Thermal Discharging
SIP061	45	'240393083_/240393080'		10	10	10	1.48	10	10	2.14 No	1.48 Thermal Discharging
SIP061	46	'240393090_/240393088'		10	10	10	1.48	10	10	2.14 No	1.48 Thermal Discharging
SIP061	47	'240393098_/240393096'		10	10	10	1.48	4.5	10	2.14 No	1.48 Thermal Discharging
SIP061	48	'240393106_/240393104'		3.33	3.33	3.33	0.49	1.5	3.33	0.71 No	0.49 Thermal Discharging
SIP061	49	'13148595_/3148592_2'		10	10	10	1.48	2.3	10	2.15 No	1.48 Thermal Discharging
SIP061	50	'240395151_/240395170_2'		10	10	10	1.48	1.4	10	2.14 No	1.4 Element Fault
SIP061	51	'43262822_/43262824'		10	10	10	1.48	3.4	10	2.15 No	1.48 Thermal Discharging
SIP061	52	'13148574_/7246713_1'		10	10	10	1.48	1.4	10	2.15 No	1.4 Element Fault
SIP061	53	'348619859_/240393228_1'		10	10	10	1.48	10	10	2.14 No	1.48 Thermal Discharging
SIP061	54	'348619811_/240393228_2'		10	10	10	1.48	10	10	2.14 No	1.48 Thermal Discharging
SIP061	55	'13156366_/348619813'		10	10	10	1.48	10	10	2.14 No	1.48 Thermal Discharging
SIP061	56	'13156331_/348620197'		10	10	10	1.48	10	10	2.14 No	1.48 Thermal Discharging
SIP061	57	'271321475_/271321494_2'		10	10	10	1.48	1.4	10	2.14 No	1.4 Element Fault
SIP061	58	'240390862_/240390871'		10	10	10	1.48	10	10	2.14 No	1.48 Thermal Discharging
SIP061	59	'240390907_/240390909'		10	10	10	1.48	10	10	2.14 No	1.48 Thermal Discharging
SIP061	60	'7246716_/7246713_2'		10	10	10	1.48	1.4	10	2.15 No	1.4 Element Fault
SIP061	61	'13156332_/3156329'		10	10	10	1.48	10	10	2.13 No	1.48 Thermal Discharging
SIP061	62	'13156365_/3156363'		10	10	10	1.48	10	10	2.13 No	1.48 Thermal Discharging
SIP061	63	'13156988_/3157002'		10	10	10	1.48	10	10	2.13 No	1.48 Thermal Discharging
SIP061	64	'43269144_/3156968'		10	10	10	1.48	10	10	2.13 No	1.48 Thermal Discharging
SIP061	65	'13156987_/3156985'		10	10	10	1.48	10	10	2.13 No	1.48 Thermal Discharging
SIP061	66	'13156954_/3156951'		10	10	10	1.48	10	10	2.13 No	1.48 Thermal Discharging
SIP061	67	'240401308_/240401327'		3.33	3.33	3.33	0.49	1.4	3.33	0.71 No	0.49 Thermal Discharging
SIP061	68	'417272255_/417272257'		10	10	10	1.48	10	10	2.13 No	1.48 Thermal Discharging
SIP061	69	'239638433_/239298124_1'		10	10	10	1.48	1.4	10	2.13 No	1.4 Element Fault
SIP061	70	'417272857_/417272584_1'		10	10	10	1.48	10	10	2.13 No	1.48 Thermal Discharging
SIP061	71	'745505967_/3157134'		10	10	10	1.48	10	10	2.13 No	1.48 Thermal Discharging
SIP061	72	'745506081_/417272584_2'		10	10	10	1.48	10	10	2.13 No	1.48 Thermal Discharging
SIP061	73	'745506175_/745506131'		10	10	10	1.48	10	10	2.13 No	1.48 Thermal Discharging
SIP061	74	'417272900_/745505971'		10	10	10	1.48	10	10	2.13 No	1.48 Thermal Discharging
SIP061	75	'357236931_/239298124_2'		10	10	10	1.48	1.4	10	2.13 No	1.4 Element Fault
SIP061	76	'13148616_/3148613'		10	10	10	1.48	2.3	10	2.14 No	1.48 Thermal Discharging
SIP061	77	'417272498_/745506232'		10	10	10	1.48	10	10	2.12 No	1.48 Thermal Discharging
SIP061	78	'73422305_/417272506_1'		10	10	10	1.48	10	10	2.12 No	1.48 Thermal Discharging
SIP061	79	'734222168_/417272506_2'		10	10	10	1.48	10	10	2.12 No	1.48 Thermal Discharging
SIP061	80	'73422286_/7563360_3'		10	10	10	1.48	10	10	2.12 No	1.48 Thermal Discharging
SIP061	81	'43259668_/73422162'		10	10	10	1.48	10	10	2.12 No	1.48 Thermal Discharging
SIP061	82	'13156206_/3156204'		10	10	10	1.48	10	10	2.12 No	1.48 Thermal Discharging
SIP061	83	'13148645_/3148628'		10	10	10	1.48	2.3	10	2.14 No	1.48 Thermal Discharging
SIP061	84	'13156173_/3156187'		10	10	10	1.48	10	10	2.12 No	1.48 Thermal Discharging
SIP061	85	'13156224_/3156221'		10	10	10	1.48	10	10	2.12 No	1.48 Thermal Discharging
SIP061	86	'73421679_/73421673'		10	10	10	1.48	10	10	2.12 No	1.48 Thermal Discharging
SIP061	87	'471888423_/3156170_1'		10	10	10	1.48	10	10	2.12 No	1.48 Thermal Discharging
SIP061	88	'13156241_/3156238'		10	10	10	1.48	10	10	2.12 No	1.48 Thermal Discharging
SIP061	89	'7563342_/7563360_2'		10	10	10	1.48	3.2	10	2.12 No	1.48 Thermal Discharging
SIP061	90	'13155788_/7563360_1'		10	10	10	1.48	3.2	10	2.12 No	1.48 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SIPO61	91	'43259581_/3156258'		10	10	10	1.48	10	10	2.11 No	1.48 Thermal Discharging
SIPO61	92	'157749649_/43259583'		10	10	10	1.48	10	10	2.11 No	1.48 Thermal Discharging
SIPO61	93	'357236984_/357237003'		10	10	10	1.48	1.4	10	2.12 No	1.4 Element Fault
SIPO61	94	'3156473_/3156471'		10	10	10	1.48	10	10	2.11 No	1.48 Thermal Discharging
SIPO61	95	'43262348_/3156641'		10	10	10	1.48	10	10	2.11 No	1.48 Thermal Discharging
SIPO61	96	'3156490_/3156488'		10	10	10	1.48	10	10	2.11 No	1.48 Thermal Discharging
SIPO61	97	'3156576_/3156590'		10	10	10	1.48	10	10	2.11 No	1.48 Thermal Discharging
SIPO61	98	'43262572_/3156573'		10	10	10	1.48	10	10	2.11 No	1.48 Thermal Discharging
SIPO61	99	'3155789_/3155786'		10	10	10	1.48	3.2	10	2.12 No	1.48 Thermal Discharging
SIPO61	100	'8825273_/8825270_2'		10	10	10	1.48	3.2	10	2.12 No	1.48 Thermal Discharging
SIPO61	101	'43262598_/43262600'		10	10	10	1.48	10	10	2.11 No	1.48 Thermal Discharging
SIPO61	102	'3156525_/3156539'		10	10	10	1.48	10	10	2.11 No	1.48 Thermal Discharging
SIPO61	103	'368922479_/357237029_1'		10	10	10	1.48	1.4	10	2.12 No	1.4 Element Fault
SIPO61	104	'43262611_/43262613'		10	10	10	1.48	10	10	2.11 No	1.48 Thermal Discharging
SIPO61	105	'3156610_/357237029_2'		10	10	10	1.48	1.4	10	2.12 No	1.4 Element Fault
SIPO61	106	'43259655_/43259657'		10	10	10	1.48	3.2	10	2.11 No	1.48 Thermal Discharging
SIPO61	107	'3150978_/3156505'		10	10	10	1.48	10	10	2.11 No	1.48 Thermal Discharging
SIPO61	108	'43262786_/3148643'		10	10	10	1.48	2.3	10	2.13 No	1.48 Thermal Discharging
SIPO61	109	'3156609_/3156607'		10	10	10	1.48	1.4	10	2.12 No	1.4 Element Fault
SIPO61	110	'8825272_/8825270_1'		10	10	10	1.48	0.6	10	2.11 No	0.6 Element Fault
SIPO61	111	'3150977_/3150975'		10	10	10	1.48	10	10	2.11 No	1.48 Thermal Discharging
SIPO61	112	'43266317_/3156788'		10	10	10	1.48	1.4	10	2.12 No	1.4 Element Fault
SIPO61	113	'557297329_/7874669_2'		10	10	10	1.48	10	10	2.11 No	1.48 Thermal Discharging
SIPO61	114	'3156771_/3156805'		10	10	10	1.48	1.4	10	2.11 No	1.4 Element Fault
SIPO61	115	'43259570_/3155803'		10	10	10	1.48	3.2	10	2.11 No	1.48 Thermal Discharging
SIPO61	116	'240401439_/240401404'	3.33	3.33	3.33	0.49	1.4	3.33	0.71 No	0.49 Thermal Discharging	0.49 Thermal Discharging
SIPO61	117	'640684978_/640684838_1'	3.33	3.33	3.33	0.49	0.4	3.33	0.7 No	0.4 Element Fault	0.4 Element Fault
SIPO61	118	'640684949_/640684838_2'	3.33	3.33	3.33	0.49	0.4	3.33	0.7 No	0.4 Element Fault	0.4 Element Fault
SIPO61	119	'92394043_/92394040'		10	10	10	1.48	1.4	10	2.11 No	1.4 Element Fault
SIPO61	120	'640684997_/640684838_3'	3.33	3.33	3.33	0.49	0.4	3.33	0.7 No	0.4 Element Fault	0.4 Element Fault
SIPO61	121	'3154979_/7874669_1'		10	10	10	1.48	10	10	2.11 No	1.48 Thermal Discharging
SIPO61	122	'3155903_/3155901'		10	10	10	1.48	3.2	10	2.11 No	1.48 Thermal Discharging
SIPO61	123	'3150494_/3154976'		10	10	10	1.48	10	10	2.11 No	1.48 Thermal Discharging
SIPO61	124	'3150477_/3150491'		10	10	10	1.48	10	10	2.11 No	1.48 Thermal Discharging
SIPO61	125	'3149348_/3150474'		10	10	10	1.48	10	10	2.11 No	1.48 Thermal Discharging
SIPO61	126	'3149331_/3149345'		10	10	10	1.48	10	10	2.11 No	1.48 Thermal Discharging
SIPO61	127	'3149330_/3149328'		10	10	10	1.48	10	10	2.11 No	1.48 Thermal Discharging
SIPO61	128	'43259559_/640684838_4'	3.33	3.33	3.33	0.49	0.4	3.33	0.7 No	0.4 Element Fault	0.4 Element Fault
SIPO61	129	'409250824_/3150457_2'		10	10	10	1.48	10	10	2.11 No	1.48 Thermal Discharging
SIPO61	130	'3150459_/3150457_1'		10	10	10	1.48	10	10	2.11 No	1.48 Thermal Discharging
SIPO61	131	'409250845_/3155266_2'		10	10	10	1.48	10	10	2.11 No	1.48 Thermal Discharging
SIPO61	132	'3155823_/640684847_1'	3.33	3.33	3.33	0.49	0.4	3.33	0.7 No	0.4 Element Fault	0.4 Element Fault
SIPO61	133	'409250792_/409250849'		10	10	10	1.48	10	10	2.11 No	1.48 Thermal Discharging
SIPO61	134	'348619350_/240401497'	3.33	3.33	3.33	0.49	1.4	3.33	0.71 No	0.49 Thermal Discharging	0.49 Thermal Discharging
SIPO61	135	'3148661_/3148658'		10	10	10	1.48	2.3	10	2.13 No	1.48 Thermal Discharging
SIPO61	136	'357942724_/357942671_1'		10	10	10	1.48	1.5	10	2.13 No	1.48 Thermal Discharging
SIPO61	137	'8507976_/8507973'		10	10	10	1.48	10	10	2.11 No	1.48 Thermal Discharging
SIPO61	138	'357942674_/357942671_2'		10	10	10	1.48	1.5	10	2.13 No	1.48 Thermal Discharging
SIPO61	139	'3155941_/3155938'		10	10	10	1.48	3.2	10	2.11 No	1.48 Thermal Discharging
SIPO61	140	'3155836_/640684847_2'	3.33	3.33	3.33	0.49	0.4	3.33	0.7 No	0.4 Element Fault	0.4 Element Fault
SIPO61	141	'640685050_/640684872_1'	3.33	3.33	3.33	0.49	0.4	3.33	0.7 No	0.4 Element Fault	0.4 Element Fault
SIPO61	142	'8196989_/8507993'		10	10	10	1.48	10	10	2.11 No	1.48 Thermal Discharging
SIPO61	143	'43259548_/640684872_2'	3.33	3.33	3.33	0.49	0.4	3.33	0.7 No	0.4 Element Fault	0.4 Element Fault
SIPO61	144	'3155849_/640684885_1'	3.33	3.33	3.33	0.49	0.4	3.33	0.7 No	0.4 Element Fault	0.4 Element Fault
SIPO61	145	'43259734_/3155955'		10	10	10	1.48	3.2	10	2.11 No	1.48 Thermal Discharging
SIPO61	146	'7246835_/8196987'		10	10	10	1.48	10	10	2.11 No	1.48 Thermal Discharging
SIPO61	147	'43262810_/3148673'		10	10	10	1.48	2.3	10	2.12 No	1.48 Thermal Discharging
SIPO61	148	'3155975_/3155972'		10	10	10	1.48	3.2	10	2.11 No	1.48 Thermal Discharging
SIPO61	149	'640684888_/640684885_2'	3.33	3.33	3.33	0.49	0.4	3.33	0.7 No	0.4 Element Fault	0.4 Element Fault
SIPO61	150	'7246836_/7246833_1'		10	10	10	1.48	10	10	2.11 No	1.48 Thermal Discharging
SIPO61	151	'3142542_/7246833_2'		10	10	10	1.48	10	10	2.11 No	1.48 Thermal Discharging
SIPO61	152	'43259124_/3142556'		10	10	10	1.48	10	10	2.11 No	1.48 Thermal Discharging
SIPO61	153	'3132560_/3142539'		10	10	10	1.48	10	10	2.11 No	1.48 Thermal Discharging
SIPO61	154	'67330018_/43259126_1'		10	10	10	0.15	10	10	5.36 No	0.15 Thermal Discharging
SIPO61	155	'43259137_/43259126_2'		10	10	10	0.15	10	10	5.36 No	0.15 Thermal Discharging
SIPO61	156	'3132561_/3132558'		10	10	10	1.48	10	10	2.11 No	1.48 Thermal Discharging
SIPO61	157	'3153118_/43259139'		10	10	10	0.15	10	10	5.36 No	0.15 Thermal Discharging
SIPO61	158	'119545219_/3145773_2'	3.33	3.33	3.33	0.49	1.1	3.33	0.7 No	0.49 Thermal Discharging	0.49 Thermal Discharging
SIPO61	159	'43259111_/3132578'		10	10	10	1.48	10	10	2.11 No	1.48 Thermal Discharging
SIPO61	160	'3153148_/3153145'		10	10	10	0.15	10	10	5.36 No	0.15 Thermal Discharging
SIPO61	161	'268612811_/268612796'		10	10	10	1.48	10	10	2.11 No	1.48 Thermal Discharging
SIPO61	162	'3153165_/3153162'		10	10	10	0.15	10	10	5.36 No	0.15 Thermal Discharging
SIPO61	163	'3155875_/640684906_1'	3.33	3.33	3.33	0.49	0.4	3.33	0.7 No	0.4 Element Fault	0.4 Element Fault
SIPO61	164	'268612831_/268612813'		10	10	10	1.48	10	10	2.11 No	1.48 Thermal Discharging
SIPO61	165	'3153182_/3153179'		10	10	10	0.15	10	10	5.36 No	0.15 Thermal Discharging
SIPO61	166	'43262798_/43262812'	6.67	6.67	6.67	0.99	1.53	6.67	1.41 No	0.99 Thermal Discharging	0.99 Thermal Discharging
SIPO61	167	'3142525_/268612833'		10	10	10	1.48	10	10	2.11 No	1.48 Thermal Discharging
SIPO61	168	'43259537_/640684906_2'	3.33	3.33	3.33	0.49	0.4	3.33	0.7 No	0.4 Element Fault	0.4 Element Fault
SIPO61	169	'444104945_/444104949'	3.33	3.33	3.33	0.49	3.33	3.33	0.7 No	0.49 Thermal Discharging	0.49 Thermal Discharging
SIPO61	170	'43259194_/3153196'		10	10	10	0.15	10	10	5.36 No	0.15 Thermal Discharging
SIPO61	171	'444105036_/3145634_2'	3.33	3.33	3.33	0.49	3.33	3.33	0.7 No	0.49 Thermal Discharging	0.49 Thermal Discharging
SIPO61	172	'3145737_/3145773_1'	3.33	3.33	3.33	0.49	0.4	3.33	0.7 No	0.4 Element Fault	0.4 Element Fault
SIPO61	173	'43259100_/3145634_1'	3.33	3.33	3.33	0.02	3.33	3.33	0.7 No	0.02 Thermal Discharging	0.02 Thermal Discharging
SIPO61	174	'3153216_/3153213'		10	10	10	0.15	10	10	5.36 No	0.15 Thermal Discharging
SIPO61	175	'3145573_/3145570'		10	10	10	1.48	10	10	2.11 No	1.48 Thermal Discharging
SIPO61	176	'7561175_/9455108_1'		10	10	10	1.48	1.4	10	2.11 No	1.4 Element Fault
SIPO61	177	'43259150_/43259152'	3.33	3.33	3.33	0.05	1.4	3.33	1.79 No	0.05 Thermal Discharging	0.05 Thermal Discharging
SIPO61	178	'43259087_/3145587'		10	10	10	1.48	10	10	2.11 No	1.48 Thermal Discharging
SIPO61	179	'3153233_/3153230'		10	10	10	0.15	10	10	5.36 No	0.15 Thermal Discharging
SIPO61	180	'3145623_/3145621'	3.33	3.33	3.33	0.02	3.33	3.33	0.7 No	0.02 Thermal Discharging	0.02 Thermal Discharging
SIPO61	181	'43259747_/3155989'		10	10	10	1.48	3.2	10	2.11 No	1.48 Thermal Discharging
SIPO61	182	'3145805_/3145802_2'	3.33	3.33	3.33	0.05	1.4	3.33	1.79 No	0.05 Thermal Discharging	0.05 Thermal Discharging
SIPO61	183	'3145552_/43259089'		10	10	10	1.48	10	10	2.11 No	1.48 Thermal Discharging
SIPO61	184	'3153252_/3153250'		10	10	10	0.15	10	10	5.36 No	0.15 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SIPO61	185	'43259251___/3145647'	3.33	3.33	3.33	3.33	0.02	3.33	3.33	0.7 No	0.02 Thermal Discharging
SIPO61	186	'3145678___/3145747'	3.33	3.33	3.33	3.33	0.49	0.4	3.33	0.7 No	0.4 Element Fault
SIPO61	187	'43259074___/3145550'	10	10	10	1.48	10	10	2.11 No	1.48 Thermal Discharging	
SIPO61	188	'3153269___/3153267'	10	10	10	0.15	10	10	5.36 No	0.15 Thermal Discharging	
SIPO61	189	'68990571___/3153284'	10	10	10	0.15	10	10	5.36 No	0.15 Thermal Discharging	
SIPO61	190	'3151457___/43259076'	10	10	10	1.48	10	10	2.11 No	1.48 Thermal Discharging	
SIPO61	191	'3145792___/3145802_1'	3.33	3.33	3.33	0.05	0.4	3.33	1.79 No	0.05 Thermal Discharging	
SIPO61	192	'43259172___/43259174'	3.33	3.33	3.33	0.49	0.4	3.33	0.7 No	0.4 Element Fault	
SIPO61	193	'3142592___/3153304'	10	10	10	0.15	10	10	5.36 No	0.15 Thermal Discharging	
SIPO61	194	'3151806___/3156848'	10	10	10	1.48	10	10	2.11 No	1.48 Thermal Discharging	
SIPO61	195	'3132518___/43259253'	3.33	3.33	3.33	0.02	3.33	3.33	0.7 No	0.02 Thermal Discharging	
SIPO61	196	'3153066___/43259483_2'	3.33	3.33	3.33	0.05	1.1	3.33	1.79 No	0.05 Thermal Discharging	
SIPO61	197	'9455111___/9455108_2'	10	10	10	1.48	1.4	10	2.11 No	1.4 Element Fault	
SIPO61	198	'231867928___/231867889_1'	3.33	3.33	3.33	0.49	0.4	3.33	0.7 No	0.4 Element Fault	
SIPO61	199	'3142593___/3142590'	10	10	10	0.15	10	10	5.36 No	0.15 Thermal Discharging	
SIPO61	200	'3097342___/43262800'	5.73	6.67	6.67	0.99	1.53	6.67	1.41 No	0.99 Thermal Discharging	
SIPO61	201	'319682196___/3153076_1'	3.33	3.33	3.33	0.05	0.4	3.33	1.79 No	0.05 Thermal Discharging	
SIPO61	202	'49166390___/7874525_1'	10	10	10	0.15	2.3	10	5.36 No	0.15 Thermal Discharging	
SIPO61	203	'43259035___/3151804'	10	10	10	1.48	10	10	2.11 No	1.48 Thermal Discharging	
SIPO61	204	'49166511___/3151503_2'	3.33	3.33	3.33	0.49	1	3.33	0.7 No	0.49 Thermal Discharging	
SIPO61	205	'3132517___/3132515'	3.33	3.33	3.33	0.02	2.5	3.33	0.7 No	0.02 Thermal Discharging	
SIPO61	206	'3132544___/43259037'	10	10	10	1.48	10	10	2.11 No	1.48 Thermal Discharging	
SIPO61	207	'43259481___/43259483_1'	3.33	3.33	3.33	0.05	1.1	3.33	1.79 No	0.05 Thermal Discharging	
SIPO61	208	'379161030___/3152565_1'	10	10	10	1.48	10	10	2.11 No	1.48 Thermal Discharging	
SIPO61	209	'231867892___/231867889_2'	3.33	3.33	3.33	0.49	0.4	3.33	0.7 No	0.4 Element Fault	
SIPO61	210	'3145679___/3145676'	3.33	3.33	3.33	0.49	0.4	3.33	0.7 No	0.4 Element Fault	
SIPO61	211	'43259048___/3152565_2'	10	10	10	1.48	10	10	2.11 No	1.48 Thermal Discharging	
SIPO61	212	'3145791___/43259163'	3.33	3.33	3.33	0.05	0.4	3.33	1.79 No	0.05 Thermal Discharging	
SIPO61	213	'52267975___/3153076_2'	3.33	3.33	3.33	0.05	0.4	3.33	1.79 No	0.05 Thermal Discharging	
SIPO61	214	'3147903___/3147849'	3.33	3.33	3.33	0.02	2.5	3.33	0.7 No	0.02 Thermal Discharging	
SIPO61	215	'3152601___/3152582'	10	10	10	1.48	10	10	2.11 No	1.48 Thermal Discharging	
SIPO61	216	'3152771___/3152823'	10	10	10	1.48	10	10	2.11 No	1.48 Thermal Discharging	
SIPO61	217	'3151506___/3151503_1'	3.33	3.33	3.33	0.49	0.5	3.33	0.7 No	0.49 Thermal Discharging	
SIPO61	218	'3147904___/3147901'	3.33	3.33	3.33	0.02	2.5	3.33	0.7 No	0.02 Thermal Discharging	
SIPO61	219	'3152602___/3152599'	10	10	10	1.48	10	10	2.11 No	1.48 Thermal Discharging	
SIPO61	220	'3152772___/3152769'	10	10	10	1.48	10	10	2.11 No	1.48 Thermal Discharging	
SIPO61	221	'3148024___/591534035'	3.33	3.33	3.33	0.02	1.5	3.33	0.7 No	0.02 Thermal Discharging	
SIPO61	222	'3145708___/3145718'	3.33	3.33	3.33	0.49	0.4	3.33	0.7 No	0.4 Element Fault	
SIPO61	223	'3152619___/3152616'	10	10	10	1.48	10	10	2.11 No	1.48 Thermal Discharging	
SIPO61	224	'43266356___/3152857'	10	10	10	1.48	10	10	2.11 No	1.48 Thermal Discharging	
SIPO61	225	'3147917___/3147914'	3.33	3.33	3.33	0.02	2.5	3.33	0.7 No	0.02 Thermal Discharging	
SIPO61	226	'3153040___/3153050'	3.33	3.33	3.33	0.05	1.1	3.33	1.79 No	0.05 Thermal Discharging	
SIPO61	227	'43259022___/3152633'	10	10	10	1.48	10	10	2.11 No	1.48 Thermal Discharging	
SIPO61	228	'43259760___/3156006'	10	10	10	1.48	3.2	10	2.11 No	1.48 Thermal Discharging	
SIPO61	229	'3156009___/9455244_2'	10	10	10	1.48	3.2	10	2.11 No	1.48 Thermal Discharging	
SIPO61	230	'358972010___/43266358'	10	10	10	1.48	10	10	2.11 No	1.48 Thermal Discharging	
SIPO61	231	'3152653___/43259024'	10	10	10	1.48	10	10	2.11 No	1.48 Thermal Discharging	
SIPO61	232	'591534047___/591534044'	3.33	3.33	3.33	0.02	1.5	3.33	0.7 No	0.02 Thermal Discharging	
SIPO61	233	'357603842___/358972090_1'	10	10	10	1.48	2.4	10	2.11 No	1.48 Thermal Discharging	
SIPO61	234	'3148037___/591534078_1'	3.33	3.33	3.33	0.02	1.5	3.33	0.7 No	0.02 Thermal Discharging	
SIPO61	235	'43259924___/358972018'	10	10	10	1.48	10	10	2.11 No	1.48 Thermal Discharging	
SIPO61	236	'3145695___/3145705'	3.33	3.33	3.33	0.49	0.4	3.33	0.7 No	0.4 Element Fault	
SIPO61	237	'3152670___/3152667'	10	10	10	1.48	10	10	2.11 No	1.48 Thermal Discharging	
SIPO61	238	'3147930___/3147927'	3.33	3.33	3.33	0.02	2.5	3.33	0.7 No	0.02 Thermal Discharging	
SIPO61	239	'381225252___/3152806'	10	10	10	1.48	10	10	2.11 No	1.48 Thermal Discharging	
SIPO61	240	'381225456___/381225299_1'	10	10	10	1.48	5.3	10	2.11 No	1.48 Thermal Discharging	
SIPO61	241	'381225274___/381225256'	10	10	10	1.48	10	10	2.11 No	1.48 Thermal Discharging	
SIPO61	242	'3152945___/52267979'	3.33	3.33	3.33	0.05	0.4	3.33	1.79 No	0.05 Thermal Discharging	
SIPO61	243	'381225444___/381225334_1'	10	10	10	1.48	5.3	10	2.11 No	1.48 Thermal Discharging	
SIPO61	244	'381225279___/381225276'	10	10	10	1.48	10	10	2.11 No	1.48 Thermal Discharging	
SIPO61	245	'3152687___/3152684'	10	10	10	1.48	10	10	2.11 No	1.48 Thermal Discharging	
SIPO61	246	'381225427___/381225341_1'	10	10	10	1.48	5.3	10	2.11 No	1.48 Thermal Discharging	
SIPO61	247	'381518352___/381225299_2'	10	10	10	1.48	3.3	10	2.11 No	1.48 Thermal Discharging	
SIPO61	248	'381518306___/381225334_2'	10	10	10	1.48	3.3	10	2.11 No	1.48 Thermal Discharging	
SIPO61	249	'43262492___/3147940'	3.33	3.33	3.33	0.02	2.5	3.33	0.7 No	0.02 Thermal Discharging	
SIPO61	250	'3152704___/3152701'	10	10	10	1.48	10	10	2.11 No	1.48 Thermal Discharging	
SIPO61	251	'381518263___/381225341_2'	10	10	10	1.48	3.3	10	2.11 No	1.48 Thermal Discharging	
SIPO61	252	'381225215___/381225299_3'	10	10	10	1.48	3.3	10	2.11 No	1.48 Thermal Discharging	
SIPO61	253	'381225337___/381225334_3'	10	10	10	1.48	3.3	10	2.11 No	1.48 Thermal Discharging	
SIPO61	254	'591534081___/591534078_2'	3.33	3.33	3.33	0.02	1.5	3.33	0.7 No	0.02 Thermal Discharging	
SIPO61	255	'381225344___/381225341_3'	10	10	10	1.48	3.3	10	2.11 No	1.48 Thermal Discharging	
SIPO61	256	'3145694___/3145692'	3.33	3.33	3.33	0.49	0.4	3.33	0.7 No	0.4 Element Fault	
SIPO61	257	'3151519___/3151516'	3.33	3.33	3.33	0.49	0.5	3.33	0.7 No	0.49 Thermal Discharging	
SIPO61	258	'3147956___/3147953'	3.33	3.33	3.33	0.02	2.5	3.33	0.7 No	0.02 Thermal Discharging	
SIPO61	259	'381225180___/358972090_2'	10	10	10	1.48	2.4	10	2.11 No	1.48 Thermal Discharging	
SIPO61	260	'428855783___/7874525_2'	10	10	10	0.15	2.3	10	5.36 No	0.15 Thermal Discharging	
SIPO61	261	'428855754___/428855780'	10	10	10	0.15	1.5	10	5.36 No	0.15 Thermal Discharging	
SIPO61	262	'428855765___/428855762'	10	10	10	0.15	1.5	10	5.36 No	0.15 Thermal Discharging	
SIPO61	263	'428855755___/428855752'	10	10	10	0.15	1.5	10	5.36 No	0.15 Thermal Discharging	
SIPO61	264	'428855773___/428855770'	3.33	3.33	3.33	0.05	0.5	3.33	1.79 No	0.05 Thermal Discharging	
SIPO61	265	'3153327___/3153324'	3.33	3.33	3.33	0.02	2.5	3.33	0.7 No	0.02 Thermal Discharging	
SIPO61	266	'3145863___/3153037'	3.33	3.33	3.33	0.05	1.1	3.33	1.79 No	0.05 Thermal Discharging	
SIPO61	267	'3152946___/3152943'	3.33	3.33	3.33	0.05	0.4	3.33	1.79 No	0.05 Thermal Discharging	
SIPO61	268	'43259786___/3151529'	3.33	3.33	3.33	0.49	0.5	3.33	0.7 No	0.49 Thermal Discharging	
SIPO61	269	'434345362___/8196877_2'	3.33	3.33	3.33	0.05	0.5	3.33	1.79 No	0.05 Thermal Discharging	
SIPO61	270	'49166414___/8196877_1'	3.33	3.33	3.33	0.05	0.4	3.33	1.79 No	0.05 Thermal Discharging	
SIPO61	271	'3153340___/3153337'	3.33	3.33	3.33	0.02	2.5	3.33	0.7 No	0.02 Thermal Discharging	
SIPO61	272	'435721178___/435721201'	10	10	10	0.15	1.5	10	5.36 No	0.15 Thermal Discharging	
SIPO61	273	'3153379___/3153376'	3.33	3.33	3.33	0.02	1.4	3.33	0.7 No	0.02 Thermal Discharging	
SIPO61	274	'3147968___/3153363'	3.33	3.33	3.33	0.02	2.5	3.33	0.7 No	0.02 Thermal Discharging	
SIPO61	275	'37657165___/704723911'	10	10	10	0.15	1.5	10	5.36 No	0.15 Thermal Discharging	
SIPO61	276	'37657158___/37657162'	10	10	10	0.15	1.5	10	5.36 No	0.15 Thermal Discharging	
SIPO61	277	'37657193___/37657190'	10	10	10	0.15	1.5	10	5.36 No	0.15 Thermal Discharging	
SIPO61	278	'37657179___/37657183'	10	10	10	0.15	1.5	10	5.36 No	0.15 Thermal Discharging	

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SIPO61	279	'37657151_/_37657155'	3.33	3.33	3.33	0.05	0.5	3.33	1.79 No	0.05	Thermal Discharging
SIPO61	280	'43259262_/_43259264'	3.33	3.33	3.33	0.05	1.1	3.33	1.79 No	0.05	Thermal Discharging
SIPO61	281	'43259183_/_3153024'	3.33	3.33	3.33	0.05	0.4	3.33	1.79 No	0.05	Thermal Discharging
SIPO61	282	'3147969_/_3147966'	3.33	3.33	3.33	0.02	2.5	3.33	0.7 No	0.02	Thermal Discharging
SIPO61	283	'8825519_/_704723983'	3.33	3.33	3.33	0.05	0.5	3.33	1.79 No	0.05	Thermal Discharging
SIPO61	284	'3147985_/_3147982'	3.33	3.33	3.33	0.02	2.5	3.33	0.7 No	0.02	Thermal Discharging
SIPO61	285	'412390890_/_412390958'	10	10	10	0.15	1.5	10	5.36 No	0.15	Thermal Discharging
SIPO61	286	'3145834_/_3145844'	3.33	3.33	3.33	0.05	1.1	3.33	1.79 No	0.05	Thermal Discharging
SIPO61	287	'3153353_/_410563134'	3.33	3.33	3.33	0.02	1.5	3.33	0.7 No	0.02	Thermal Discharging
SIPO61	288	'704723830_/_704723974'	3.33	3.33	3.33	0.05	0.5	3.33	1.79 No	0.05	Thermal Discharging
SIPO61	289	'43262503_/_3147995'	3.33	3.33	3.33	0.02	2.5	3.33	0.7 No	0.02	Thermal Discharging
SIPO61	290	'3151544_/_43259788'	3.33	3.33	3.33	0.49	0.5	3.33	0.7 No	0.49	Thermal Discharging
SIPO61	291	'7561194_/_7561192'	10	10	10	0.15	1.5	10	5.36 No	0.15	Thermal Discharging
SIPO61	292	'3145821_/_3145831'	3.33	3.33	3.33	0.05	1.1	3.33	1.79 No	0.05	Thermal Discharging
SIPO61	293	'3082754_/_3145818'	3.33	3.33	3.33	0.05	1.1	3.33	1.79 No	0.05	Thermal Discharging
SIPO61	294	'3155050_/_3155047'	3.33	3.33	3.33	0.02	2.5	3.33	0.7 No	0.02	Thermal Discharging
SIPO61	295	'3152959_/_3152956'	3.33	3.33	3.33	0.05	0.4	3.33	1.79 No	0.05	Thermal Discharging
SIPO61	296	'7874932_/_704723878'	10	10	10	0.15	1.5	10	5.36 No	0.15	Thermal Discharging
SIPO61	297	'3155718_/_3155728'	3.33	3.33	3.33	0.05	1.1	3.33	1.79 No	0.05	Thermal Discharging
SIPO61	298	'3155705_/_3155715'	3.33	3.33	3.33	0.05	1.1	3.33	1.79 No	0.05	Thermal Discharging
SIPO61	299	'392972578_/_392972575'	3.33	3.33	3.33	0.49	0.5	3.33	0.7 No	0.49	Thermal Discharging
SIPO61	300	'410563156_/_410563153'	3.33	3.33	3.33	0.02	1.5	3.33	0.7 No	0.02	Thermal Discharging
SIPO61	301	'633474347_/_8508125'	10	10	10	0.15	1.5	10	5.36 No	0.15	Thermal Discharging
SIPO61	302	'39162779_/_633474465'	10	10	10	0.15	1.5	10	5.36 No	0.15	Thermal Discharging
SIPO61	303	'37657109_/_633474688'	10	10	10	0.15	1.5	10	5.36 No	0.15	Thermal Discharging
SIPO61	304	'37657116_/_633474586'	10	10	10	0.15	1.5	10	5.36 No	0.15	Thermal Discharging
SIPO61	305	'633474601_/_633474598'	3.33	3.33	3.33	0.05	0.5	3.33	1.79 No	0.05	Thermal Discharging
SIPO61	306	'633474595_/_633474592'	3.33	3.33	3.33	0.05	0.5	3.33	1.79 No	0.05	Thermal Discharging
SIPO61	307	'43259457_/_43259459'	3.33	3.33	3.33	0.05	0.4	3.33	1.79 No	0.05	Thermal Discharging
SIPO61	308	'633474316_/_633474440'	10	10	10	0.15	1.5	10	5.36 No	0.15	Thermal Discharging
SIPO61	309	'3151545_/_3151542'	3.33	3.33	3.33	0.49	0.5	3.33	0.7 No	0.49	Thermal Discharging
SIPO61	310	'633474378_/_633474712'	3.33	3.33	3.33	0.05	0.5	3.33	1.79 No	0.05	Thermal Discharging
SIPO61	311	'633474410_/_633474726'	3.33	3.33	3.33	0.05	0.5	3.33	1.79 No	0.05	Thermal Discharging
SIPO61	312	'3155063_/_3155060'	3.33	3.33	3.33	0.02	1.1	3.33	0.7 No	0.02	Thermal Discharging
SIPO61	313	'3152972_/_3152969'	3.33	3.33	3.33	0.05	0.4	3.33	1.79 No	0.05	Thermal Discharging
SIPO61	314	'3155692_/_3155702'	3.33	3.33	3.33	0.05	1.1	3.33	1.79 No	0.05	Thermal Discharging
SIPO61	315	'8825534_/_8825532'	3.33	3.33	3.33	0.05	0.5	3.33	1.79 No	0.05	Thermal Discharging
SIPO61	316	'43259526_/_43259528'	3.33	3.33	3.33	0.05	1.1	3.33	1.79 No	0.05	Thermal Discharging
SIPO61	317	'3151557_/_3151620'	3.33	3.33	3.33	0.49	0.5	3.33	0.7 No	0.49	Thermal Discharging
SIPO61	318	'7246915_/_704723834'	3.33	3.33	3.33	0.05	0.5	3.33	1.79 No	0.05	Thermal Discharging
SIPO61	319	'70288079_/_7246913_1'	3.33	3.33	3.33	0.05	1.1	3.33	1.79 No	0.05	Thermal Discharging
SIPO61	320	'640451785_/_7563436_3'	3.33	3.33	3.33	0.05	0.5	3.33	1.79 No	0.05	Thermal Discharging
SIPO61	321	'3155691_/_43259620'	3.33	3.33	3.33	0.05	1.1	3.33	1.79 No	0.05	Thermal Discharging
SIPO61	322	'49166340_/_7246913_3'	3.33	3.33	3.33	0.05	1.1	3.33	1.79 No	0.05	Thermal Discharging
SIPO61	323	'3155079_/_43268245'	3.33	3.33	3.33	0.02	1.1	3.33	0.7 No	0.02	Thermal Discharging
SIPO61	324	'3145901_/_3145899'	3.33	3.33	3.33	0.05	0.4	3.33	1.79 No	0.05	Thermal Discharging
SIPO61	325	'108219201_/_3151555'	3.33	3.33	3.33	0.49	0.5	3.33	0.7 No	0.49	Thermal Discharging
SIPO61	326	'3151636_/_3151633'	3.33	3.33	3.33	0.49	0.5	3.33	0.7 No	0.49	Thermal Discharging
SIPO61	327	'3155744_/_3155757'	3.33	3.33	3.33	0.05	1	3.33	1.79 No	0.05	Thermal Discharging
SIPO61	328	'3082845_/_3082855'	3.33	3.33	3.33	0.05	1.1	3.33	1.79 No	0.05	Thermal Discharging
SIPO61	329	'3152985_/_3152982'	3.33	3.33	3.33	0.05	0.4	3.33	1.79 No	0.05	Thermal Discharging
SIPO61	330	'37657221_/_633474320'	10	10	10	0.15	1.5	10	5.36 No	0.15	Thermal Discharging
SIPO61	331	'114678261_/_37657218'	10	10	10	0.15	1.5	10	5.36 No	0.15	Thermal Discharging
SIPO61	332	'37657207_/_37657211'	10	10	10	0.15	1.5	10	5.36 No	0.15	Thermal Discharging
SIPO61	333	'37657249_/_37657246'	10	10	10	0.15	1.5	10	5.36 No	0.15	Thermal Discharging
SIPO61	334	'37657235_/_37657239'	10	10	10	0.15	1.5	10	5.36 No	0.15	Thermal Discharging
SIPO61	335	'561515345_/_561515390'	10	10	10	0.15	1.5	10	5.36 No	0.15	Thermal Discharging
SIPO61	336	'561515302_/_561515361'	10	10	10	0.15	1.5	10	5.36 No	0.15	Thermal Discharging
SIPO61	337	'3151649_/_3151646'	3.33	3.33	3.33	0.49	0.5	3.33	0.7 No	0.49	Thermal Discharging
SIPO61	338	'49166344_/_9455444_1'	10	10	10	0.15	0.9	10	5.36 No	0.15	Thermal Discharging
SIPO61	339	'43269389_/_9455444_2'	10	10	10	0.15	0.9	10	5.36 No	0.15	Thermal Discharging
SIPO61	340	'3151571_/_3151568'	3.33	3.33	3.33	0.49	0.5	3.33	0.7 No	0.49	Thermal Discharging
SIPO61	341	'86923789_/_3145912'	3.33	3.33	3.33	0.05	0.4	3.33	1.79 No	0.05	Thermal Discharging
SIPO61	342	'3152998_/_3152995'	3.33	3.33	3.33	0.05	0.4	3.33	1.79 No	0.05	Thermal Discharging
SIPO61	343	'3155743_/_3155741'	3.33	3.33	3.33	0.05	1	3.33	1.79 No	0.05	Thermal Discharging
SIPO61	344	'49166485_/_3153011_1'	3.33	3.33	3.33	0.05	0.4	3.33	1.79 No	0.05	Thermal Discharging
SIPO61	345	'108219094_/_3151581'	3.33	3.33	3.33	0.49	0.5	3.33	0.7 No	0.49	Thermal Discharging
SIPO61	346	'49166362_/_154770850_2'	3.33	3.33	3.33	0.05	0.5	3.33	1.79 No	0.05	Thermal Discharging
SIPO61	347	'3082832_/_3082842'	3.33	3.33	3.33	0.05	1.1	3.33	1.79 No	0.05	Thermal Discharging
SIPO61	348	'3161900_/_154770850_1'	3.33	3.33	3.33	0.05	0.3	3.33	1.79 No	0.05	Thermal Discharging
SIPO61	349	'43269402_/_43269391'	10	10	10	0.15	0.9	10	5.36 No	0.15	Thermal Discharging
SIPO61	350	'86923788_/_86923762'	3.33	3.33	3.33	0.05	0.4	3.33	1.79 No	0.05	Thermal Discharging
SIPO61	351	'49166496_/_8507957_2'	3.33	3.33	3.33	0.05	0.4	3.33	1.79 No	0.05	Thermal Discharging
SIPO61	352	'561515221_/_561515306'	10	10	10	0.15	1.5	10	5.36 No	0.15	Thermal Discharging
SIPO61	353	'86923795_/_86923793'	3.33	3.33	3.33	0.05	0.4	3.33	1.79 No	0.05	Thermal Discharging
SIPO61	354	'561515253_/_561515379'	10	10	10	0.15	1.5	10	5.36 No	0.15	Thermal Discharging
SIPO61	355	'3082819_/_3082829'	3.33	3.33	3.33	0.05	1.1	3.33	1.79 No	0.05	Thermal Discharging
SIPO61	356	'108218966_/_108219096'	3.33	3.33	3.33	0.49	0.5	3.33	0.7 No	0.49	Thermal Discharging
SIPO61	357	'3153014_/_3153011_2'	3.33	3.33	3.33	0.05	0.4	3.33	1.79 No	0.05	Thermal Discharging
SIPO61	358	'155022393_/_43269418_1'	3.33	3.33	3.33	0.05	0.1	3.33	1.79 No	0.05	Thermal Discharging
SIPO61	359	'108219418_/_108219389_1'	3.33	3.33	3.33	0.49	0.3	3.33	0.7 No	0.3	Element Fault
SIPO61	360	'108219378_/_108219389_2'	3.33	3.33	3.33	0.49	0.3	3.33	0.7 No	0.3	Element Fault
SIPO61	361	'43259515_/_43259517'	3.33	3.33	3.33	0.05	1.1	3.33	1.79 No	0.05	Thermal Discharging
SIPO61	362	'3145471_/_43269380'	3.33	3.33	3.33	0.05	0.3	3.33	1.79 No	0.05	Thermal Discharging
SIPO61	363	'3161934_/_43269418_2'	3.33	3.33	3.33	0.05	0.1	3.33	1.79 No	0.05	Thermal Discharging
SIPO61	364	'3151597_/_3151594'	3.33	3.33	3.33	0.49	0.5	3.33	0.7 No	0.49	Thermal Discharging
SIPO61	365	'319682214_/_9140163_2'	10	10	10	0.15	1.5	10	5.36 No	0.15	Thermal Discharging
SIPO61	366	'3082793_/_3082803'	3.33	3.33	3.33	0.05	1.1	3.33	1.79 No	0.05	Thermal Discharging
SIPO61	367	'43258719_/_3145469'	3.33	3.33	3.33	0.05	0.3	3.33	1.79 No	0.05	Thermal Discharging
SIPO61	368	'8507960_/_8507957_1'	2.63	3.33	3.33	0.05	0.3	3.33	1.79 No	0.05	Thermal Discharging
SIPO61	369	'3151677_/_3151970'	3.33	3.33	3.33	0.49	0.5	3.33	0.7 No	0.49	Thermal Discharging
SIPO61	370	'3151986_/_3151983'	3.33	3.33	3.33	0.49	0.5	3.33	0.7 No	0.49	Thermal Discharging
SIPO61	371	'3082871_/_3082868'	3.33	3.33	3.33	0.05	1	3.33	1.79 No	0.05	Thermal Discharging
SIPO61	372	'3145488_/_3145485'	3.33	3.33	3.33	0.05	0.3	3.33	1.79 No	0.05	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SIPO61	373	'3151678_/_3151675'		3.13	3.33	3.33	0.49	0.5	3.33	0.7 No	0.49 Thermal Discharging
SIPO61	374	'43266294_/_3151999'		3.33	3.33	3.33	0.49	0.5	3.33	0.7 No	0.49 Thermal Discharging
SIPO61	375	'3082780_/_3082790'		3.33	3.33	3.33	0.05	1.1	3.33	1.79 No	0.05 Thermal Discharging
SIPO61	376	'3145876_/_3145873'		3.33	3.33	3.33	0.05	1	3.33	1.79 No	0.05 Thermal Discharging
SIPO61	377	'3145501_/_3145498'		3.33	3.33	3.33	0.05	0.3	3.33	1.79 No	0.05 Thermal Discharging
SIPO61	378	'3151690_/_3151714'		2.33	3.33	3.33	0.49	0.5	3.33	0.7 No	0.49 Thermal Discharging
SIPO61	379	'385529913_/_385529884_1'		2.3	3.33	3.33	0.49	0.1	3.33	0.7 No	0.1 Element Fault
SIPO61	380	'3145889_/_3145886'		3.33	3.33	3.33	0.05	1	3.33	1.79 No	0.05 Thermal Discharging
SIPO61	381	'3156824_/_3156822_1'		3.33	3.33	3.33	0.05	1	3.33	1.79 No	0.05 Thermal Discharging
SIPO61	382	'43266306_/_43266296'		2.3	3.33	3.33	0.49	0.5	3.33	0.7 No	0.49 Thermal Discharging
SIPO61	383	'43259504_/_3082777'		3.33	3.33	3.33	0.05	1.1	3.33	1.79 No	0.05 Thermal Discharging
SIPO61	384	'3145514_/_3145511'		3.33	3.33	3.33	0.05	0.3	3.33	1.79 No	0.05 Thermal Discharging
SIPO61	385	'385529865_/_385529884_2'		1.97	3.33	3.33	0.49	0.1	3.33	0.7 No	0.1 Element Fault
SIPO61	386	'43259808_/_3151688'		1.93	3.33	3.33	0.49	0.5	3.33	0.7 No	0.49 Thermal Discharging
SIPO61	387	'3154677_/_3156822_2'		3.33	3.33	3.33	0.05	1	3.33	1.79 No	0.05 Thermal Discharging
SIPO61	388	'43259492_/_43259494'		2.83	3.33	3.33	0.05	1.1	3.33	1.79 No	0.05 Thermal Discharging
SIPO61	389	'3152015_/_43266308'		1.97	3.33	3.33	0.49	0.3	3.33	0.7 No	0.3 Element Fault
SIPO61	390	'43258708_/_3145524'		2.57	3.33	3.33	0.05	0.3	3.33	1.79 No	0.05 Thermal Discharging
SIPO61	391	'3155540_/_3155537'		2.67	3.33	3.33	0.05	1	3.33	1.79 No	0.05 Thermal Discharging
SIPO61	392	'43266831_/_43266833'		2.6	3.33	3.33	0.05	1	3.33	1.79 No	0.05 Thermal Discharging
SIPO61	393	'3155553_/_3155550'		2.4	3.33	3.33	0.05	1	3.33	1.79 No	0.05 Thermal Discharging
SIPO61	394	'3122261_/_43259810'		1.67	3.33	3.33	0.49	0.5	3.33	0.7 No	0.49 Thermal Discharging
SIPO61	395	'3122262_/_3122272_1'		1.63	3.33	3.33	0.49	0.3	3.33	0.7 No	0.3 Element Fault
SIPO61	396	'3082766_/_3082764'		2.3	3.33	3.33	0.05	1.1	3.33	1.79 No	0.05 Thermal Discharging
SIPO61	397	'3152894_/_649907118'		2.2	3.33	3.33	0.05	0.3	3.33	1.79 No	0.05 Thermal Discharging
SIPO61	398	'3122275_/_3122272_2'		1.57	3.33	3.33	0.49	0.3	3.33	0.7 No	0.3 Element Fault
SIPO61	399	'3154660_/_3154658'		2.2	3.33	3.33	0.05	1	3.33	1.79 No	0.05 Thermal Discharging
SIPO61	400	'3082883_/_3082881'		2.03	3.33	3.33	0.05	1.1	3.33	1.79 No	0.05 Thermal Discharging
SIPO61	401	'3122304_/_3122301'		1.5	3.33	3.33	0.49	0.5	3.33	0.7 No	0.49 Thermal Discharging
SIPO61	402	'3152907_/_3152904'		1.93	3.33	3.33	0.05	0.3	3.33	1.79 No	0.05 Thermal Discharging
SIPO61	403	'3154689_/_3154687'		2	3.33	3.33	0.05	1	3.33	1.79 No	0.05 Thermal Discharging
SIPO61	404	'8196954_/_8196951'		1.5	3.33	3.33	0.49	0.3	3.33	0.7 No	0.3 Element Fault
SIPO61	405	'3152920_/_3152917'		1.8	3.33	3.33	0.05	0.3	3.33	1.79 No	0.05 Thermal Discharging
SIPO61	406	'43259819_/_3122288'		1.33	3.33	3.33	0.49	0.3	3.33	0.7 No	0.3 Element Fault
SIPO61	407	'3122317_/_3122314'		1.33	3.33	3.33	0.49	0.5	3.33	0.7 No	0.49 Thermal Discharging
SIPO61	408	'43258697_/_3152930'		1.7	3.33	3.33	0.05	0.3	3.33	1.79 No	0.05 Thermal Discharging
SIPO61	409	'88274015_/_88273988'		1.27	3.33	3.33	0.49	0.5	3.33	0.7 No	0.49 Thermal Discharging
SIPO61	410	'7217714_/_7873905_2'		1.27	3.33	3.33	0.49	0.5	3.33	0.7 No	0.49 Thermal Discharging
SIPO61	411	'3152933_/_43258699'		1.6	3.33	3.33	0.05	0.3	3.33	1.79 No	0.05 Thermal Discharging
SIPO61	412	'88274039_/_88274013'		1.2	3.33	3.33	0.49	0.5	3.33	0.7 No	0.49 Thermal Discharging
SIPO61	413	'3122291_/_43259821'		1.17	3.33	3.33	0.49	0.3	3.33	0.7 No	0.3 Element Fault
SIPO61	414	'7873908_/_7873905_1'		1.13	3.33	3.33	0.49	0.1	3.33	0.7 No	0.1 Element Fault
SIPO61	415	'43259988_/_88274037'		1.13	3.33	3.33	0.49	0.5	3.33	0.7 No	0.49 Thermal Discharging
SIPO61	416	'9139038_/_9139035'		1.1	3.33	3.33	0.49	0.1	3.33	0.7 No	0.1 Element Fault
SIPO61	417	'9455130_/_9455128'		10	10	10	1.48	0.7	8.18	2.11 No	0.7 Element Fault
SIPO62	0	'SIPO62_/_427158747'		10	10	10	1.73	10	10	10 No	1.73 Thermal Discharging
SIPO62	1	'427158636_/_427158747'		10	10	10	1.73	10	10	10 No	1.73 Thermal Discharging
SIPO62	2	'38050125_/_427158642'		10	10	10	1.73	10	10	10 No	1.73 Thermal Discharging
SIPO62	3	'8453877_/_54213603'		10	10	10	1.73	10	10	10 No	1.73 Thermal Discharging
SIPO62	4	'87961247_/_87961307'		10	10	10	1.73	10	10	10 No	1.73 Thermal Discharging
SIPO62	5	'420691312_/_120298862'		10	10	10	1.73	10	10	10 No	1.73 Thermal Discharging
SIPO63	0	'SIPO63_/_427966340'		10	10	10	1.18	10	10	10 No	1.18 Thermal Discharging
SIPO63	1	'8507899_/_427966340'		10	10	10	1.18	10	10	4.41 No	1.18 Thermal Discharging
SIPO63	2	'427158069_/_427966401'		10	10	10	1.18	10	10	4.41 No	1.18 Thermal Discharging
SIPO63	3	'427158068_/_427966511'		10	10	10	1.18	10	10	4.41 No	1.18 Thermal Discharging
SIPO63	4	'446353013_/_7246753'		10	10	10	1.18	10	10	4.41 No	1.18 Thermal Discharging
SIPO63	5	'449193502_/_427967770_1'		10	10	10	1.18	10	10	4.41 No	1.18 Thermal Discharging
SIPO63	6	'456082042_/_446353035_1'		10	10	10	1.18	10	10	4.41 No	1.18 Thermal Discharging
SIPO63	7	'427967544_/_427967770_2'		10	10	10	1.18	10	10	4.41 No	1.18 Thermal Discharging
SIPO63	8	'427967439_/_427967520'		10	10	10	1.18	10	10	4.41 No	1.18 Thermal Discharging
SIPO63	9	'3150354_/_427967410'		10	10	10	1.18	10	10	4.41 No	1.18 Thermal Discharging
SIPO63	10	'3143310_/_3150352'		10	10	10	1.18	10	10	4.41 No	1.18 Thermal Discharging
SIPO63	11	'3143293_/_3143308'		10	10	10	1.18	10	10	4.41 No	1.18 Thermal Discharging
SIPO63	12	'68990530_/_642044726'		10	10	10	1.18	10	10	4.41 No	1.18 Thermal Discharging
SIPO63	13	'3143294_/_3143291'		10	10	10	1.18	10	10	4.41 No	1.18 Thermal Discharging
SIPO63	14	'3143433_/_3143430'		10	10	10	1.18	10	10	4.41 No	1.18 Thermal Discharging
SIPO63	15	'3143450_/_3143447'		10	10	10	1.18	10	10	4.41 No	1.18 Thermal Discharging
SIPO63	16	'3143467_/_3143464'		10	10	10	1.18	10	10	4.41 No	1.18 Thermal Discharging
SIPO63	17	'3143484_/_3143481'		10	10	10	1.18	10	10	4.41 No	1.18 Thermal Discharging
SIPO63	18	'3143501_/_3143498'		10	10	10	1.18	10	10	4.41 No	1.18 Thermal Discharging
SIPO63	19	'3143518_/_3143515'		10	10	10	1.18	10	10	4.41 No	1.18 Thermal Discharging
SIPO63	20	'3143535_/_3143532'		10	10	10	1.18	10	10	4.41 No	1.18 Thermal Discharging
SIPO63	21	'3143693_/_3150386'		10	10	10	1.18	10	10	4.41 No	1.18 Thermal Discharging
SIPO63	22	'3143694_/_3143691'		10	10	10	1.18	10	10	4.41 No	1.18 Thermal Discharging
SIPO63	23	'3148883_/_3148880'		10	10	10	1.18	10	10	4.41 No	1.18 Thermal Discharging
SIPO63	24	'3148900_/_3148897'		10	10	10	1.18	10	10	4.41 No	1.18 Thermal Discharging
SIPO63	25	'3148917_/_3148914'		10	10	10	1.18	10	10	4.41 No	1.18 Thermal Discharging
SIPO63	26	'103695928_/_3149918'		10	10	10	1.18	10	10	4.41 No	1.18 Thermal Discharging
SIPO63	27	'114678176_/_114678134_1'		10	10	10	1.18	10	10	4.41 No	1.18 Thermal Discharging
SIPO63	28	'103695906_/_114678134_2'		10	10	10	1.18	10	10	4.41 No	1.18 Thermal Discharging
SIPO63	29	'3149884_/_103695910'		10	10	10	1.18	10	10	4.41 No	1.18 Thermal Discharging
SIPO63	30	'3150269_/_3150284'		10	10	10	1.18	10	10	4.41 No	1.18 Thermal Discharging
SIPO63	31	'3149744_/_3150267'		10	10	10	1.18	10	10	4.41 No	1.18 Thermal Discharging
SIPO63	32	'3149745_/_3149742'		10	10	10	1.18	10	10	4.41 No	1.18 Thermal Discharging
SIPO63	33	'3149762_/_3149759'		10	10	10	1.18	10	10	4.41 No	1.18 Thermal Discharging
SIPO63	34	'3149779_/_3149776'		10	10	10	1.18	10	10	4.41 No	1.18 Thermal Discharging
SIPO63	35	'3149796_/_3149793'		10	10	10	1.18	10	10	4.41 No	1.18 Thermal Discharging
SIPO63	36	'3149572_/_3149813'		10	10	10	1.18	10	10	4.41 No	1.18 Thermal Discharging
SIPO63	37	'3149555_/_3149569'		10	10	10	1.18	10	10	4.41 No	1.18 Thermal Discharging
SIPO63	38	'3149538_/_3149552'		10	10	10	1.18	10	10	4.41 No	1.18 Thermal Discharging
SIPO63	39	'3149537_/_3149535'		10	10	10	1.18	10	10	4.41 No	1.18 Thermal Discharging
SIPO63	40	'240393056_/_240393058'		10	10	10	1.18	10	10	4.41 No	1.18 Thermal Discharging
SIPO63	41	'3150530_/_3150528'		10	10	10	1.18	10	10	4.41 No	1.18 Thermal Discharging
SIPO63	42	'3151063_/_3151077'		10	10	10	1.18	10	10	4.41 No	1.18 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SIPO63	43	'3151062_/3151060'		10	10	10	1.18	10	10	4.41 No	1.18 Thermal Discharging
SIPO63	44	'3161117_/3161165'		10	10	10	1.18	10	10	4.41 No	1.18 Thermal Discharging
SIPO63	45	'3161100_/3161114'		10	10	10	1.18	10	10	4.41 No	1.18 Thermal Discharging
SIPO63	46	'49931764_/3161131_1'		10	10	10	1.18	1.4	10	4.41 No	1.18 Thermal Discharging
SIPO63	47	'3151046_/3161097'		10	10	10	1.18	10	10	4.41 No	1.18 Thermal Discharging
SIPO63	48	'3151029_/3151043'		10	10	10	1.18	10	10	4.41 No	1.18 Thermal Discharging
SIPO63	49	'3151012_/3151026'		10	10	10	1.18	10	10	4.41 No	1.18 Thermal Discharging
SIPO63	50	'3161046_/3161131_2'		10	10	10	1.18	1.4	10	4.41 No	1.18 Thermal Discharging
SIPO63	51	'44055910_/44055912'		10	10	10	1.18	10	10	4.41 No	1.18 Thermal Discharging
SIPO63	52	'3151011_/3151009'		10	10	10	1.18	10	10	4.41 No	1.18 Thermal Discharging
SIPO63	53	'112640323_/3155030'		10	10	10	1.18	10	10	4.41 No	1.18 Thermal Discharging
SIPO63	54	'112640440_/112640383_1'		10	10	10	1.18	1.4	10	4.41 No	1.18 Thermal Discharging
SIPO63	55	'3155033_/112640325'		10	10	10	1.18	10	10	4.41 No	1.18 Thermal Discharging
SIPO63	56	'114295714_/239682134_1'		10	10	10	1.18	10	10	4.41 No	1.18 Thermal Discharging
SIPO63	57	'112640372_/112640383_2'		10	10	10	1.18	1.4	10	4.41 No	1.18 Thermal Discharging
SIPO63	58	'56903183_/239682134_2'		10	10	10	1.18	10	10	4.41 No	1.18 Thermal Discharging
SIPO63	59	'56903146_/239682134_3'		10	10	10	1.18	10	10	4.41 No	1.18 Thermal Discharging
SIPO63	60	'56903158_/56903168'		10	10	10	1.18	10	10	4.41 No	1.18 Thermal Discharging
SIPO63	61	'3153886_/3153899'		10	10	10	1.18	10	10	4.41 No	1.18 Thermal Discharging
SIPO63	62	'3153791_/3153912'		10	10	10	1.18	10	10	4.41 No	1.18 Thermal Discharging
SIPO63	63	'3153792_/3153789'		10	10	10	1.18	10	10	4.41 No	1.18 Thermal Discharging
SIPO63	64	'3153805_/3153802'		10	10	10	1.18	10	10	4.41 No	1.18 Thermal Discharging
SIPO63	65	'75643802_/3153883_2'	3.33	3.33	3.33	0.39	1.1	3.33	1.47 No	0.39 Thermal Discharging	
SIPO63	66	'3153779_/3153776_2'	3.33	3.33	3.33	0.39	1.1	3.33	1.47 No	0.39 Thermal Discharging	
SIPO63	67	'3153941_/3153815'	10	10	10	1.18	10	10	4.41 No	1.18 Thermal Discharging	
SIPO63	68	'400615046_/400615016_1'	3.33	3.33	3.33	0.39	0.5	3.33	1.47 No	0.39 Thermal Discharging	
SIPO63	69	'3153961_/3153958'	10	10	10	1.18	10	10	4.41 No	1.18 Thermal Discharging	
SIPO63	70	'3154116_/3154134'	10	10	10	1.18	10	10	4.41 No	1.18 Thermal Discharging	
SIPO63	71	'43258865_/3154114'	10	10	10	1.18	10	10	4.41 No	1.18 Thermal Discharging	
SIPO63	72	'75644935_/75644884_1'	3.33	3.33	3.33	0.39	0.4	3.33	1.47 No	0.39 Thermal Discharging	
SIPO63	73	'3153510_/43258867'	10	10	10	1.18	10	10	4.41 No	1.18 Thermal Discharging	
SIPO63	74	'3153873_/3153883_1'	3.33	3.33	3.33	0.39	0.3	3.33	1.47 No	0.3 Element Fault	
SIPO63	75	'3153511_/3153508'	10	10	10	1.18	10	10	4.41 No	1.18 Thermal Discharging	
SIPO63	76	'3153766_/3153776_1'	3.33	3.33	3.33	0.39	0.1	3.33	1.47 No	0.1 Element Fault	
SIPO63	77	'3153685_/3153682'	10	10	10	1.18	10	10	4.41 No	1.18 Thermal Discharging	
SIPO63	78	'3153928_/400615016_2'	3.33	3.33	3.33	0.39	0.5	3.33	1.47 No	0.39 Thermal Discharging	
SIPO63	79	'3153702_/3153699'	10	10	10	1.18	10	10	4.41 No	1.18 Thermal Discharging	
SIPO63	80	'3153650_/3153729'	10	10	10	1.18	10	10	4.41 No	1.18 Thermal Discharging	
SIPO63	81	'3153635_/3153647'	10	10	10	1.18	10	10	4.41 No	1.18 Thermal Discharging	
SIPO63	82	'3153413_/3153632'	10	10	10	1.18	10	10	4.41 No	1.18 Thermal Discharging	
SIPO63	83	'75643880_/3153747_2'	3.33	3.33	3.33	0.39	1.1	3.33	1.47 No	0.39 Thermal Discharging	
SIPO63	84	'3153395_/3153410'	10	10	10	1.18	10	10	4.41 No	1.18 Thermal Discharging	
SIPO63	85	'75644887_/75644884_2'	3.33	3.33	3.33	0.39	0.4	3.33	1.47 No	0.39 Thermal Discharging	
SIPO63	86	'3153394_/3153392'	10	10	10	1.18	10	10	4.41 No	1.18 Thermal Discharging	
SIPO63	87	'3154568_/3154578'	10	10	10	1.18	10	10	4.41 No	1.18 Thermal Discharging	
SIPO63	88	'3153530_/3153716'	3.33	3.33	3.33	0.39	1.1	3.33	1.47 No	0.39 Thermal Discharging	
SIPO63	89	'75643943_/3153612_2'	10	10	10	1.18	3.4	10	4.41 No	1.18 Thermal Discharging	
SIPO63	90	'43258913_/3154601'	10	10	10	1.18	10	10	4.41 No	1.18 Thermal Discharging	
SIPO63	91	'62458469_/3154565_2'	3.33	3.33	3.33	0.39	1	3.33	1.47 No	0.39 Thermal Discharging	
SIPO63	92	'3154104_/3154101'	3.33	3.33	3.33	0.39	0.5	3.33	1.47 No	0.39 Thermal Discharging	
SIPO63	93	'3153872_/43258845'	3.33	3.33	3.33	0.39	0.3	3.33	1.47 No	0.3 Element Fault	
SIPO63	94	'75643904_/3153528_1'	3.33	3.33	3.33	0.39	0.4	3.33	1.47 No	0.39 Thermal Discharging	
SIPO63	95	'3154304_/3154301'	10	10	10	1.18	10	10	4.41 No	1.18 Thermal Discharging	
SIPO63	96	'43258900_/3154318'	10	10	10	1.18	10	10	4.41 No	1.18 Thermal Discharging	
SIPO63	97	'3153978_/3153988'	3.33	3.33	3.33	0.39	0.5	3.33	1.47 No	0.39 Thermal Discharging	
SIPO63	98	'3153749_/3153747_1'	3.33	3.33	3.33	0.39	0.4	3.33	1.47 No	0.39 Thermal Discharging	
SIPO63	99	'3152028_/3152025'	10	10	10	1.18	10	10	4.41 No	1.18 Thermal Discharging	
SIPO63	100	'3153531_/3153528_2'	3.33	3.33	3.33	0.39	0.4	3.33	1.47 No	0.39 Thermal Discharging	
SIPO63	101	'3154020_/3154017'	3.33	3.33	3.33	0.39	0.5	3.33	1.47 No	0.39 Thermal Discharging	
SIPO63	102	'3152361_/3152107'	10	10	10	1.18	10	10	4.41 No	1.18 Thermal Discharging	
SIPO63	103	'3153494_/3153612_1'	10	10	10	1.18	1.4	10	4.41 No	1.18 Thermal Discharging	
SIPO63	104	'3152362_/3152359_1'	10	10	10	1.18	1.4	10	4.41 No	1.18 Thermal Discharging	
SIPO63	105	'43258730_/3153763'	3.33	3.33	3.33	0.39	0.1	3.33	1.47 No	0.1 Element Fault	
SIPO63	106	'3152479_/3152477'	10	10	10	1.18	10	10	4.41 No	1.18 Thermal Discharging	
SIPO63	107	'3152500_/3152497'	10	10	10	1.18	10	10	4.41 No	1.18 Thermal Discharging	
SIPO63	108	'3152398_/3152514'	10	10	10	1.18	10	10	4.41 No	1.18 Thermal Discharging	
SIPO63	109	'43258961_/43258963'	10	10	10	1.18	10	10	4.41 No	1.18 Thermal Discharging	
SIPO63	110	'3152129_/3152359_2'	10	10	10	1.18	1.4	10	4.41 No	1.18 Thermal Discharging	
SIPO63	111	'3152534_/3152531'	10	10	10	1.18	10	10	4.41 No	1.18 Thermal Discharging	
SIPO63	112	'3152427_/3152548'	10	10	10	1.18	10	10	4.41 No	1.18 Thermal Discharging	
SIPO63	113	'3152399_/3152396_1'	3.33	3.33	3.33	0.39	0.5	3.33	1.47 No	0.39 Thermal Discharging	
SIPO63	114	'3152290_/3152396_2'	3.33	3.33	3.33	0.39	0.5	3.33	1.47 No	0.39 Thermal Discharging	
SIPO63	115	'3154249_/3154565_1'	3.33	3.33	3.33	0.39	0.5	3.33	1.47 No	0.39 Thermal Discharging	
SIPO63	116	'43266257_/3152840'	10	10	10	1.18	10	10	4.41 No	1.18 Thermal Discharging	
SIPO63	117	'3154261_/3154259_1'	3.33	3.33	3.33	0.39	0.3	3.33	1.47 No	0.3 Element Fault	
SIPO63	118	'3142609_/3151126'	10	10	10	1.18	10	10	4.41 No	1.18 Thermal Discharging	
SIPO63	119	'61697612_/3152438_1'	3.33	3.33	3.33	0.39	0.5	3.33	1.47 No	0.39 Thermal Discharging	
SIPO63	120	'3154036_/3154033'	3.33	3.33	3.33	0.39	0.5	3.33	1.47 No	0.39 Thermal Discharging	
SIPO63	121	'3153977_/3153975'	3.33	3.33	3.33	0.39	0.5	3.33	1.47 No	0.39 Thermal Discharging	
SIPO63	122	'3152440_/3152438_2'	3.33	3.33	3.33	0.39	0.5	3.33	1.47 No	0.39 Thermal Discharging	
SIPO63	123	'3142610_/3142607'	10	10	10	1.18	10	10	4.41 No	1.18 Thermal Discharging	
SIPO63	124	'3142627_/3142624'	10	10	10	1.18	10	10	4.41 No	1.18 Thermal Discharging	
SIPO63	125	'3152149_/3152184'	10	10	10	1.18	1.4	10	4.41 No	1.18 Thermal Discharging	
SIPO63	126	'43258974_/43258976'	10	10	10	1.18	1.4	10	4.41 No	1.18 Thermal Discharging	
SIPO63	127	'3154262_/3154259_2'	3.33	3.33	3.33	0.39	0.3	3.33	1.47 No	0.3 Element Fault	
SIPO63	128	'3142644_/3142641'	10	10	10	1.18	10	10	4.41 No	1.18 Thermal Discharging	
SIPO63	129	'3150676_/3150686_1'	3.33	3.33	3.33	0.39	0.5	3.33	1.47 No	0.39 Thermal Discharging	
SIPO63	130	'3142660_/3150653'	10	10	10	1.18	10	10	4.41 No	1.18 Thermal Discharging	
SIPO63	131	'3150701_/3150712_2'	3.33	3.33	3.33	0.39	1	3.33	1.47 No	0.39 Thermal Discharging	
SIPO63	132	'43259843_/3152396_3'	3.33	3.33	3.33	0.39	0.5	3.33	1.47 No	0.39 Thermal Discharging	
SIPO63	133	'3142661_/3142658_1'	10	10	10	1.18	10	10	4.41 No	1.18 Thermal Discharging	
SIPO63	134	'43259911_/3142658_2'	10	10	10	1.18	10	10	4.41 No	1.18 Thermal Discharging	
SIPO63	135	'3153831_/3153841'	3.33	3.33	3.33	0.39	0.1	3.33	1.47 No	0.1 Element Fault	
SIPO63	136	'43259854_/3152438_3'	3.33	3.33	3.33	0.39	0.5	3.33	1.47 No	0.39 Thermal Discharging	

Feeder Name	Feeder ID	Node	Primary Over- Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SIPO63	137	'3151172_/_/43259913'		10	10	10	1.18	10	10	4.41 No	1.18 Thermal Discharging
SIPO63	138	'507458004_/_/3151186_1'		10	10	10	1.18	10	10	4.41 No	1.18 Thermal Discharging
SIPO63	139	'3151146_/_/3151156'	3.33		3.33	3.33	0.39	1	3.33	1.47 No	0.39 Thermal Discharging
SIPO63	140	'3151189_/_/3151186_2'		10	10	10	1.18	10	10	4.41 No	1.18 Thermal Discharging
SIPO63	141	'3154248_/_/3154246'	3.33		3.33	3.33	0.39	0.5	3.33	1.47 No	0.39 Thermal Discharging
SIPO63	142	'3152058_/_/3152451'	3.33		3.33	3.33	0.39	0.5	3.33	1.47 No	0.39 Thermal Discharging
SIPO63	143	'43266557_/_/3151223'		10	10	10	1.18	10	10	4.41 No	1.18 Thermal Discharging
SIPO63	144	'507457341_/_/507457347'		10	10	10	1.18	10	10	4.41 No	1.18 Thermal Discharging
SIPO63	145	'507457565_/_/507457540_2'		10	10	10	1.18	10	10	4.41 No	1.18 Thermal Discharging
SIPO63	146	'43259830_/_/3152147'		10	10	10	1.18	1.4	10	4.41 No	1.18 Thermal Discharging
SIPO63	147	'3154004_/_/3154046'	3.33		3.33	3.33	0.39	0.5	3.33	1.47 No	0.39 Thermal Discharging
SIPO63	148	'3153546_/_/3154272'	3.33		3.33	3.33	0.39	0.3	3.33	1.47 No	0.3 Element Fault
SIPO63	149	'3154389_/_/3154387_1'	3.33		3.33	3.33	0.39	0.3	3.33	1.47 No	0.3 Element Fault
SIPO63	150	'43266544_/_/3117879'		10	10	10	1.18	10	10	4.41 No	1.18 Thermal Discharging
SIPO63	151	'3152045_/_/3152346'	3.33		3.33	3.33	0.39	0.5	3.33	1.47 No	0.39 Thermal Discharging
SIPO63	152	'3146027_/_/3150712_1'	3.33		3.33	3.33	0.39	0.5	3.33	1.47 No	0.39 Thermal Discharging
SIPO63	153	'43266531_/_/3117862'		10	10	10	1.18	10	10	4.41 No	1.18 Thermal Discharging
SIPO63	154	'3151145_/_/43259002'	3.33		3.33	3.33	0.39	1	3.33	1.47 No	0.39 Thermal Discharging
SIPO63	155	'3145943_/_/3150686_2'	3.33		3.33	3.33	0.39	0.5	3.33	1.47 No	0.39 Thermal Discharging
SIPO63	156	'75644238_/_/3117896'		10	10	10	1.18	10	10	4.41 No	1.18 Thermal Discharging
SIPO63	157	'507457483_/_/507457540_1'		10	10	10	1.18	10	10	4.41 No	1.18 Thermal Discharging
SIPO63	158	'507457484_/_/507457409'		10	10	10	1.18	10	10	4.41 No	1.18 Thermal Discharging
SIPO63	159	'507457495_/_/507457427'		10	10	10	1.18	4.5	10	4.41 No	1.18 Thermal Discharging
SIPO63	160	'507457487_/_/507457415'		10	10	10	1.18	10	10	4.41 No	1.18 Thermal Discharging
SIPO63	161	'507457491_/_/507457421'		10	10	10	1.18	4.5	10	4.41 No	1.18 Thermal Discharging
SIPO63	162	'7873796_/_/8195949_2'	3.33		3.33	3.33	0.39	1.7	3.33	1.47 No	0.39 Thermal Discharging
SIPO63	163	'43266518_/_/43266520'		10	10	10	1.18	10	10	4.41 No	1.18 Thermal Discharging
SIPO63	164	'3154390_/_/3154387_2'	3.33		3.33	3.33	0.39	0.3	3.33	1.47 No	0.3 Element Fault
SIPO63	165	'49167479_/_/8195917_2'	3.33		3.33	3.33	0.39	1.7	3.33	1.47 No	0.39 Thermal Discharging
SIPO63	166	'3153457_/_/3153474'		10	10	10	1.18	1.4	10	4.41 No	1.18 Thermal Discharging
SIPO63	167	'3154062_/_/3154059'	3.33		3.33	3.33	0.39	0.5	3.33	1.47 No	0.39 Thermal Discharging
SIPO63	168	'43266505_/_/43266507'		10	10	10	1.18	10	10	4.41 No	1.18 Thermal Discharging
SIPO63	169	'3140867_/_/3140916_2'		10	10	10	1.18	10	10	4.41 No	1.18 Thermal Discharging
SIPO63	170	'3153547_/_/3153544'	3.33		3.33	3.33	0.39	0.3	3.33	1.47 No	0.3 Element Fault
SIPO63	171	'3152303_/_/43259845'	3.33		3.33	3.33	0.39	0.5	3.33	1.47 No	0.39 Thermal Discharging
SIPO63	172	'3145540_/_/3152055'	3.33		3.33	3.33	0.39	0.5	3.33	1.47 No	0.39 Thermal Discharging
SIPO63	173	'3154376_/_/3154374'	3.33		3.33	3.33	0.39	0.5	3.33	1.47 No	0.39 Thermal Discharging
SIPO63	174	'3154500_/_/3154497_2'	3.33		3.33	3.33	0.39	0.5	3.33	1.47 No	0.39 Thermal Discharging
SIPO63	175	'507458074_/_/507457900_2'		10	10	10	1.18	10	10	4.41 No	1.18 Thermal Discharging
SIPO63	176	'3154171_/_/3154168'	3.33		3.33	3.33	0.39	0.5	3.33	1.47 No	0.39 Thermal Discharging
SIPO63	177	'3152207_/_/43259856'	3.33		3.33	3.33	0.39	0.5	3.33	1.47 No	0.39 Thermal Discharging
SIPO63	178	'3113182_/_/507457900_1'		10	10	10	1.18	10	10	4.41 No	1.18 Thermal Discharging
SIPO63	179	'3113181_/_/507457703'		10	10	10	1.18	10	10	4.41 No	1.18 Thermal Discharging
SIPO63	180	'3113199_/_/3113196'		10	10	10	1.18	10	10	4.41 No	1.18 Thermal Discharging
SIPO63	181	'3152167_/_/43259832'		10	10	10	1.18	1.4	10	4.41 No	1.18 Thermal Discharging
SIPO63	182	'3154003_/_/3154001'	3.33		3.33	3.33	0.39	0.5	3.33	1.47 No	0.39 Thermal Discharging
SIPO63	183	'400671181_/_/7562486_2'		10	10	10	1.18	5.1	10	4.41 No	1.18 Thermal Discharging
SIPO63	184	'3113216_/_/3113213'		10	10	10	1.18	10	10	4.41 No	1.18 Thermal Discharging
SIPO63	185	'3113233_/_/3113230'		10	10	10	1.18	10	10	4.41 No	1.18 Thermal Discharging
SIPO63	186	'3154075_/_/3154072'	3.33		3.33	3.33	0.39	0.5	3.33	1.47 No	0.39 Thermal Discharging
SIPO63	187	'3153456_/_/3153454'		10	10	10	1.18	1.4	10	4.41 No	1.18 Thermal Discharging
SIPO63	188	'7872752_/_/8194777_2'	3.33		3.33	3.33	0.39	1.7	3.33	1.47 No	0.39 Thermal Discharging
SIPO63	189	'3153830_/_/3153828'	3.33		3.33	3.33	0.39	0.1	3.33	1.47 No	0.1 Element Fault
SIPO63	190	'3083129_/_/3113247'		10	10	10	1.18	10	10	4.41 No	1.18 Thermal Discharging
SIPO63	191	'8195952_/_/8195949_1'	3.33		3.33	3.33	0.39	0.5	3.33	1.47 No	0.39 Thermal Discharging
SIPO63	192	'3146028_/_/3146025'	3.33		3.33	3.33	0.39	0.5	3.33	1.47 No	0.39 Thermal Discharging
SIPO63	193	'7562489_/_/7562486_1'		10	10	10	1.18	5.1	10	4.41 No	1.18 Thermal Discharging
SIPO63	194	'43266609_/_/3118018'		10	10	10	1.18	3.6	10	4.41 No	1.18 Thermal Discharging
SIPO63	195	'3152044_/_/3152042'	3.33		3.33	3.33	0.39	0.5	3.33	1.47 No	0.39 Thermal Discharging
SIPO63	196	'7562613_/_/9137925_1'	3.33		3.33	3.33	0.39	0.5	3.33	1.47 No	0.39 Thermal Discharging
SIPO63	197	'3154403_/_/3154400'	3.33		3.33	3.33	0.39	0.3	3.33	1.47 No	0.3 Element Fault
SIPO63	198	'507457647_/_/507457679'	3.33		3.33	3.33	0.39	1.5	3.33	1.47 No	0.39 Thermal Discharging
SIPO63	199	'8195919_/_/8195917_1'	3.33		3.33	3.33	0.39	0.5	3.33	1.47 No	0.39 Thermal Discharging
SIPO63	200	'3083001_/_/3083016'		10	10	10	1.18	10	10	4.41 No	1.18 Thermal Discharging
SIPO63	201	'7245076_/_/8194777_1'	3.33		3.33	3.33	0.39	0.5	3.33	1.47 No	0.39 Thermal Discharging
SIPO63	202	'3145944_/_/3145941'	3.33		3.33	3.33	0.39	0.5	3.33	1.47 No	0.39 Thermal Discharging
SIPO63	203	'43258939_/_/3153557'	3.33		3.33	3.33	0.39	0.3	3.33	1.47 No	0.3 Element Fault
SIPO63	204	'3083002_/_/3082999'		10	10	10	1.18	10	10	4.41 No	1.18 Thermal Discharging
SIPO63	205	'3154499_/_/3154497_1'	3.33		3.33	3.33	0.39	0.3	3.33	1.47 No	0.3 Element Fault
SIPO63	206	'3083036_/_/3083033'		10	10	10	1.18	10	10	4.41 No	1.18 Thermal Discharging
SIPO63	207	'7562572_/_/51627042_2'		10	10	10	1.18	5.3	10	4.41 No	1.18 Thermal Discharging
SIPO63	208	'43258889_/_/3145537'	3.33		3.33	3.33	0.39	0.5	3.33	1.47 No	0.39 Thermal Discharging
SIPO63	209	'3083053_/_/3083050'		10	10	10	1.18	10	10	4.41 No	1.18 Thermal Discharging
SIPO63	210	'51627040_/_/51627042_1'		10	10	10	1.18	1.6	10	4.41 No	1.18 Thermal Discharging
SIPO63	211	'507457593_/_/507457624'	3.33		3.33	3.33	0.39	1.5	3.33	1.47 No	0.39 Thermal Discharging
SIPO63	212	'7246575_/_/8824854'	3.33		3.33	3.33	0.39	0.5	3.33	1.47 No	0.39 Thermal Discharging
SIPO63	213	'43259962_/_/3083070'		10	10	10	1.18	10	10	4.41 No	1.18 Thermal Discharging
SIPO63	214	'7872823_/_/7872821_1'	3.33		3.33	3.33	0.39	0.4	3.33	1.47 No	0.39 Thermal Discharging
SIPO63	215	'3152304_/_/3152301'	3.33		3.33	3.33	0.39	0.5	3.33	1.47 No	0.39 Thermal Discharging
SIPO63	216	'51627105_/_/51627112'		10	10	10	1.18	1.6	10	4.41 No	1.18 Thermal Discharging
SIPO63	217	'74131800_/_/507457653'	3.33		3.33	3.33	0.39	1.4	3.33	1.47 No	0.39 Thermal Discharging
SIPO63	218	'3082983_/_/43259964'		10	10	10	1.18	10	10	4.41 No	1.18 Thermal Discharging
SIPO63	219	'3152220_/_/3152217'	3.33		3.33	3.33	0.39	0.5	3.33	1.47 No	0.39 Thermal Discharging
SIPO63	220	'3082984_/_/3136103_1'		10	10	10	1.18	1.5	10	4.41 No	1.18 Thermal Discharging
SIPO63	221	'9061132_/_/507457599'	3.33		3.33	3.33	0.39	1.4	3.33	1.47 No	0.39 Thermal Discharging
SIPO63	222	'51790925_/_/51791004'		10	10	10	1.18	10	10	4.41 No	1.18 Thermal Discharging
SIPO63	223	'51627071_/_/51627133'		10	10	10	1.18	1.6	10	4.41 No	1.18 Thermal Discharging
SIPO63	224	'43258878_/_/3154220'	3.33		3.33	3.33	0.39	0.5	3.33	1.47 No	0.39 Thermal Discharging
SIPO63	225	'156719521_/_/43258989'		10	10	10	1.18	1.4	10	4.41 No	1.18 Thermal Discharging
SIPO63	226	'37656066_/_/7246573'	3.33		3.33	3.33	0.39	0.5	3.33	1.47 No	0.39 Thermal Discharging
SIPO63	227	'37656059_/_/37656063'	3.33		3.33	3.33	0.39	0.5	3.33	1.47 No	0.39 Thermal Discharging
SIPO63	228	'37656052_/_/37656056'	3.33		3.33	3.33	0.39	0.5	3.33	1.47 No	0.39 Thermal Discharging
SIPO63	229	'402123237_/_/402123234'	3.33		3.33	3.33	0.39	0.5	3.33	1.47 No	0.39 Thermal Discharging
SIPO63	230	'37656087_/_/37656077'	3.33		3.33	3.33	0.39	0.5	3.33	1.47 No	0.39 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SIPO63	231	'43259229_/_43259231'	3.33	3.33	3.33	0.39	0.5	3.33	1.47 No	0.39	Thermal Discharging
SIPO63	232	'43258950_/_3154413'	3.33	3.33	3.33	0.39	0.3	3.33	1.47 No	0.3	Element Fault
SIPO63	233	'51790957_/_51791026'	10	10	10	1.18	10	10	4.41 No	1.18	Thermal Discharging
SIPO63	234	'49167404_/_8825230_1'	10	10	10	1.18	0.5	10	4.41 No	0.5	Element Fault
SIPO63	235	'44239747_/_7872821_2'	3.33	3.33	3.33	0.39	0.4	3.33	1.47 No	0.39	Thermal Discharging
SIPO63	236	'43259887_/_3154774'	3.33	3.33	3.33	0.39	0.5	3.33	1.47 No	0.39	Thermal Discharging
SIPO63	237	'51790953_/_51791048'	10	10	10	1.18	10	10	4.41 No	1.18	Thermal Discharging
SIPO63	238	'3154429_/_3154426_2'	3.33	3.33	3.33	0.39	0.5	3.33	1.47 No	0.39	Thermal Discharging
SIPO63	239	'3136090_/_3136103_2'	10	10	10	1.18	1.5	10	4.41 No	1.18	Thermal Discharging
SIPO63	240	'3154088_/_3154085'	3.33	3.33	3.33	0.39	0.5	3.33	1.47 No	0.39	Thermal Discharging
SIPO63	241	'43259207_/_43259209'	3.33	3.33	3.33	0.39	0.3	3.33	1.47 No	0.3	Element Fault
SIPO63	242	'43259876_/_3145954'	3.33	3.33	3.33	0.39	0.5	3.33	1.47 No	0.39	Thermal Discharging
SIPO63	243	'3153573_/_43258941'	3.33	3.33	3.33	0.39	0.3	3.33	1.47 No	0.3	Element Fault
SIPO63	244	'51790941_/_51791070'	10	10	10	1.18	10	10	4.41 No	1.18	Thermal Discharging
SIPO63	245	'3154428_/_3154426_1'	3.33	3.33	3.33	0.39	0.3	3.33	1.47 No	0.3	Element Fault
SIPO63	246	'43266622_/_3118035'	10	10	10	1.18	3.6	10	4.41 No	1.18	Thermal Discharging
SIPO63	247	'51790997_/_7217676_1'	10	10	10	1.18	0.9	10	4.41 No	0.9	Element Fault
SIPO63	248	'3153431_/_3153441'	3.33	3.33	3.33	0.39	0.5	3.33	1.47 No	0.39	Thermal Discharging
SIPO63	249	'3120988_/_51791092'	10	10	10	1.18	10	10	4.41 No	1.18	Thermal Discharging
SIPO63	250	'7560647_/_7560645_1'	10	10	10	1.18	0.9	10	4.41 No	0.9	Element Fault
SIPO63	251	'8825233_/_8825230_2'	10	10	10	1.18	0.5	10	4.41 No	0.5	Element Fault
SIPO63	252	'349940099_/_51791114'	10	10	10	1.18	10	10	4.41 No	1.18	Thermal Discharging
SIPO63	253	'349940154_/_349940097_2'	10	10	10	1.18	5.1	10	4.41 No	1.18	Thermal Discharging
SIPO63	254	'7560648_/_7560645_2'	10	10	10	1.18	0.9	10	4.41 No	0.9	Element Fault
SIPO63	255	'3121022_/_349940346'	10	10	10	1.18	10	10	4.41 No	1.18	Thermal Discharging
SIPO63	256	'52779516_/_51791136'	10	10	10	1.18	10	10	4.41 No	1.18	Thermal Discharging
SIPO63	257	'3121102_/_3121099'	10	10	10	1.18	10	10	4.41 No	1.18	Thermal Discharging
SIPO63	258	'8507075_/_426830807_2'	10	10	10	1.18	10	10	4.41 No	1.18	Thermal Discharging
SIPO63	259	'471595435_/_52779616_1'	10	10	10	1.18	2.3	10	4.41 No	1.18	Thermal Discharging
SIPO63	260	'43259865_/_3152230'	3.33	3.33	3.33	0.39	0.5	3.33	1.47 No	0.39	Thermal Discharging
SIPO63	261	'7873811_/_9454900'	3.33	3.33	3.33	0.39	0.5	3.33	1.47 No	0.39	Thermal Discharging
SIPO63	262	'3154486_/_3154484'	3.33	3.33	3.33	0.39	0.3	3.33	1.47 No	0.3	Element Fault
SIPO63	263	'3154351_/_3154361'	3.33	3.33	3.33	0.39	0.3	3.33	1.47 No	0.3	Element Fault
SIPO63	264	'3154441_/_3154439'	3.33	3.33	3.33	0.39	0.3	3.33	1.47 No	0.3	Element Fault
SIPO63	265	'9137928_/_9137925_2'	3.33	3.33	3.33	0.39	0.5	3.33	1.47 No	0.39	Thermal Discharging
SIPO63	266	'7217679_/_7217676_2'	10	10	10	1.18	0.9	10	4.41 No	0.9	Element Fault
SIPO63	267	'3154183_/_43258880'	3.33	3.33	3.33	0.39	0.5	3.33	1.47 No	0.39	Thermal Discharging
SIPO63	268	'7562573_/_7562570'	10	10	10	1.18	1.6	10	4.41 No	1.18	Thermal Discharging
SIPO63	269	'3153430_/_3153428'	3.33	3.33	3.33	0.39	0.5	3.33	1.47 No	0.39	Thermal Discharging
SIPO63	270	'3082953_/_3136088'	10	10	10	1.18	1.5	10	4.41 No	1.18	Thermal Discharging
SIPO63	271	'37655240_/_52779616_2'	10	10	10	1.18	2.3	10	4.41 No	1.18	Thermal Discharging
SIPO63	272	'37655219_/_37655244'	10	10	10	1.18	2.3	10	4.41 No	1.18	Thermal Discharging
SIPO63	273	'37655226_/_37655223'	10	10	10	1.18	2.3	10	4.41 No	1.18	Thermal Discharging
SIPO63	274	'37655254_/_37655251'	10	10	10	1.18	2.3	10	4.41 No	1.18	Thermal Discharging
SIPO63	275	'37655212_/_37655216'	3.33	3.33	3.33	0.39	0.77	3.33	1.47 No	0.39	Thermal Discharging
SIPO63	276	'3146040_/_43259889'	3.33	3.33	3.33	0.39	0.5	3.33	1.47 No	0.39	Thermal Discharging
SIPO63	277	'7807473_/_7872801'	10	10	10	1.18	1.6	10	4.41 No	1.18	Thermal Discharging
SIPO63	278	'9453157_/_9453154'	3.33	3.33	3.33	0.39	0.5	3.33	1.47 No	0.39	Thermal Discharging
SIPO63	279	'3118140_/_43266624'	10	10	10	1.18	3.6	10	4.41 No	1.18	Thermal Discharging
SIPO63	280	'118690808_/_7873841_1'	3.33	3.33	3.33	0.39	0.3	3.33	1.47 No	0.3	Element Fault
SIPO63	281	'3145972_/_43259878'	3.33	3.33	3.33	0.39	0.5	3.33	1.47 No	0.39	Thermal Discharging
SIPO63	282	'349512425_/_349940097_1'	10	10	10	1.18	0.9	10	4.41 No	0.9	Element Fault
SIPO63	283	'8824924_/_9137957'	10	10	10	1.18	2.3	10	4.41 No	1.18	Thermal Discharging
SIPO63	284	'3153586_/_3153583'	3.33	3.33	3.33	0.39	0.3	3.33	1.47 No	0.3	Element Fault
SIPO63	285	'383871922_/_383871926'	10	10	10	1.18	2.3	10	4.41 No	1.18	Thermal Discharging
SIPO63	286	'3152246_/_43259867'	3.33	3.33	3.33	0.39	0.5	3.33	1.47 No	0.39	Thermal Discharging
SIPO63	287	'43259218_/_43259220'	3.33	3.33	3.33	0.39	0.3	3.33	1.47 No	0.3	Element Fault
SIPO63	288	'52779666_/_52779673'	3.33	3.33	3.33	0.39	0.77	3.33	1.47 No	0.39	Thermal Discharging
SIPO63	289	'8506936_/_8506949'	3.33	3.33	3.33	0.39	0.5	3.33	1.47 No	0.39	Thermal Discharging
SIPO63	290	'7873812_/_7873809'	3.33	3.33	3.33	0.39	0.5	3.33	1.47 No	0.39	Thermal Discharging
SIPO63	291	'3154184_/_3154181'	3.33	3.33	3.33	0.39	0.5	3.33	1.47 No	0.39	Thermal Discharging
SIPO63	292	'68989574_/_3118208_2'	10	10	10	1.18	3.6	10	4.41 No	1.18	Thermal Discharging
SIPO63	293	'43259240_/_43259242'	3.33	3.33	3.33	0.39	0.3	3.33	1.47 No	0.3	Element Fault
SIPO63	294	'3118054_/_3118208_1'	10	10	10	1.18	3.5	10	4.41 No	1.18	Thermal Discharging
SIPO63	295	'3146041_/_3146038'	3.33	3.33	3.33	0.39	0.5	3.33	1.47 No	0.39	Thermal Discharging
SIPO63	296	'3154470_/_3154468'	3.33	3.33	3.33	0.39	0.3	3.33	1.47 No	0.3	Element Fault
SIPO63	297	'7246120_/_7246133_1'	3.33	3.33	3.33	0.39	0.3	3.33	1.47 No	0.3	Element Fault
SIPO63	298	'426830801_/_426830807_1'	10	10	10	1.18	10	10	4.41 No	1.18	Thermal Discharging
SIPO63	299	'9698329_/_9698326'	3.33	3.33	3.33	0.39	0.77	3.33	1.47 No	0.39	Thermal Discharging
SIPO63	300	'399832766_/_8507073'	10	10	10	1.18	10	10	4.41 No	1.18	Thermal Discharging
SIPO63	301	'399832761_/_37655153'	10	10	10	1.18	10	10	4.41 No	1.18	Thermal Discharging
SIPO63	302	'399832760_/_37655146'	10	10	10	1.18	1.8	10	4.41 No	1.18	Thermal Discharging
SIPO63	303	'399832772_/_37655160'	10	10	10	1.18	1.8	10	4.41 No	1.18	Thermal Discharging
SIPO63	304	'399832778_/_37655167'	10	10	10	1.18	10	10	4.41 No	1.18	Thermal Discharging
SIPO63	305	'3145973_/_3145970'	3.33	3.33	3.33	0.39	0.5	3.33	1.47 No	0.39	Thermal Discharging
SIPO63	306	'7826979_/_7826976'	10	10	10	1.18	0.9	10	4.41 No	0.9	Element Fault
SIPO63	307	'8506935_/_9454158'	3.33	3.33	3.33	0.39	0.5	3.33	1.47 No	0.39	Thermal Discharging
SIPO63	308	'7246136_/_7246133_2'	3.33	3.33	3.33	0.39	0.3	3.33	1.47 No	0.3	Element Fault
SIPO63	309	'70756209_/_8506933_1'	3.33	3.33	3.33	0.39	0.5	3.33	1.47 No	0.39	Thermal Discharging
SIPO63	310	'7873844_/_7873841_2'	3.33	3.33	3.33	0.39	0.3	3.33	1.47 No	0.3	Element Fault
SIPO63	311	'396353463_/_396353508'	10	10	10	1.18	2.3	10	4.41 No	1.18	Thermal Discharging
SIPO63	312	'426830731_/_426830735'	3.33	3.33	3.33	0.39	0.6	3.33	1.47 No	0.39	Thermal Discharging
SIPO63	313	'426830766_/_426830770'	3.33	3.33	3.33	0.39	0.6	3.33	1.47 No	0.39	Thermal Discharging
SIPO63	314	'426830687_/_54044632'	10	10	10	1.18	1.8	10	4.41 No	1.18	Thermal Discharging
SIPO63	315	'37656850_/_396353482'	10	10	10	1.18	2.3	10	4.41 No	1.18	Thermal Discharging
SIPO63	316	'37656857_/_37656854'	10	10	10	1.18	2.3	10	4.41 No	1.18	Thermal Discharging
SIPO63	317	'37656878_/_37656882'	10	10	10	1.18	2.3	10	4.41 No	1.18	Thermal Discharging
SIPO63	318	'37656864_/_37656868'	10	10	10	1.18	2.3	10	4.41 No	1.18	Thermal Discharging
SIPO63	319	'37656892_/_37656896'	3.33	3.33	3.33	0.39	0.77	3.33	1.47 No	0.39	Thermal Discharging
SIPO63	320	'3154197_/_3154194'	3.33	3.33	3.33	0.39	0.5	3.33	1.47 No	0.39	Thermal Discharging
SIPO63	321	'3152262_/_3152259'	3.33	3.33	3.33	0.39	0.5	3.33	1.47 No	0.39	Thermal Discharging
SIPO63	322	'3153599_/_3153596'	3.33	3.33	3.33	0.39	0.3	3.33	1.47 No	0.3	Element Fault
SIPO63	323	'3152097_/_3154335'	3.33	3.33	3.33	0.39	0.3	3.33	1.47 No	0.3	Element Fault
SIPO63	324	'51073077_/_9454932'	10	10	10	1.18	2.3	10	4.41 No	1.18	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SIPO63	325	'8740500_/_9454968'	3.33		3.33	3.33	0.39	0.77	3.33	1.47 No	0.39 Thermal Discharging
SIPO63	326	'3118055_/_3118052'	10		10	10	1.18	3.5	10	4.41 No	1.18 Thermal Discharging
SIPO63	327	'3082954_/_3082951'	10		10	10	1.18	1.5	10	4.41 No	1.18 Thermal Discharging
SIPO63	328	'49167484_/_7560517_1'	3.33		3.33	3.33	0.39	0.3	3.33	1.47 No	0.3 Element Fault
SIPO63	329	'9074348_/_9390158'	10		10	10	1.18	1.6	10	4.41 No	1.18 Thermal Discharging
SIPO63	330	'40333541_/_9074345_1'	10		10	10	1.18	0.9	10	4.41 No	0.9 Element Fault
SIPO63	331	'3146054_/_3146051'	3.33		3.33	3.33	0.39	0.5	3.33	1.47 No	0.39 Thermal Discharging
SIPO63	332	'7560520_/_7560517_2'	3.33		3.33	3.33	0.39	0.3	3.33	1.47 No	0.3 Element Fault
SIPO63	333	'3145999_/_3145996'	3.33		3.33	3.33	0.39	0.5	3.33	1.47 No	0.39 Thermal Discharging
SIPO63	334	'3152084_/_3152094'	3.33		3.33	3.33	0.39	0.3	3.33	1.47 No	0.3 Element Fault
SIPO63	335	'320853354_/_8740498'	3.33		3.33	3.33	0.39	0.77	3.33	1.47 No	0.39 Thermal Discharging
SIPO63	336	'7562472_/_8823262'	3.33		3.33	3.33	0.39	0.3	3.33	1.47 No	0.3 Element Fault
SIPO63	337	'7560488_/_8824186'	3.33		3.33	3.33	0.39	0.3	3.33	1.47 No	0.3 Element Fault
SIPO63	338	'420726109_/_3152275'	3.33		3.33	3.33	0.39	0.5	3.33	1.47 No	0.39 Thermal Discharging
SIPO63	339	'75644195_/_7245073_1'	3.33		3.33	3.33	0.39	0.5	3.33	1.47 No	0.39 Thermal Discharging
SIPO63	340	'51073138_/_8196765'	10		10	10	1.18	2.3	10	4.41 No	1.18 Thermal Discharging
SIPO63	341	'320853521_/_320853540'	3.33		3.33	3.33	0.39	0.77	3.33	1.47 No	0.39 Thermal Discharging
SIPO63	342	'65256580_/_65256598'	3.33		3.33	3.33	0.39	0.6	3.33	1.47 No	0.39 Thermal Discharging
SIPO63	343	'51073179_/_8196785'	10		10	10	1.18	2.3	10	4.41 No	1.18 Thermal Discharging
SIPO63	344	'65256898_/_65257135'	3.33		3.33	3.33	0.39	0.6	3.33	1.47 No	0.39 Thermal Discharging
SIPO63	345	'3118072_/_3118069'	10		10	10	1.18	3.5	10	4.41 No	1.18 Thermal Discharging
SIPO63	346	'65256557_/_65256587'	3.33		3.33	3.33	0.39	0.6	3.33	1.47 No	0.39 Thermal Discharging
SIPO63	347	'7560447_/_7560465_2'	10		10	10	1.18	3.5	10	4.41 No	1.18 Thermal Discharging
SIPO63	348	'320853560_/_320853594'	3.33		3.33	3.33	0.39	0.77	3.33	1.47 No	0.39 Thermal Discharging
SIPO63	349	'73307458_/_65256564_1'	3.33		3.33	3.33	0.39	0.6	3.33	1.47 No	0.39 Thermal Discharging
SIPO63	350	'7560467_/_7560465_1'	10		10	10	1.18	0.9	10	4.41 No	0.9 Element Fault
SIPO63	351	'3152071_/_3152081'	2.6		3.33	3.33	0.39	0.3	3.33	1.47 No	0.3 Element Fault
SIPO63	352	'3146067_/_3146064'	3.33		3.33	3.33	0.39	0.5	3.33	1.47 No	0.39 Thermal Discharging
SIPO63	353	'72379717_/_72379720'	10		10	10	1.18	2.3	10	4.41 No	1.18 Thermal Discharging
SIPO63	354	'3146012_/_3146009'	3.33		3.33	3.33	0.39	0.5	3.33	1.47 No	0.39 Thermal Discharging
SIPO63	355	'491562091_/_72379783_1'	10		10	10	1.18	2.3	10	4.41 No	1.18 Thermal Discharging
SIPO63	356	'8195968_/_8195965'	3.33		3.33	3.33	0.39	0.3	3.33	1.47 No	0.3 Element Fault
SIPO63	357	'9138918_/_9138915'	3.33		3.33	3.33	0.39	0.3	3.33	1.47 No	0.3 Element Fault
SIPO63	358	'3082969_/_3082966'	6.67		6.67	6.67	0.78	1	6.67	2.94 No	0.78 Thermal Discharging
SIPO63	359	'607683015_/_607682924_1'	6.67		6.67	6.67	0.78	0.6	6.67	2.94 No	0.6 Element Fault
SIPO63	360	'3118089_/_43266637'	10		10	10	1.18	3.5	10	4.41 No	1.18 Thermal Discharging
SIPO63	361	'7560487_/_7560485'	3.33		3.33	3.33	0.39	0.3	3.33	1.47 No	0.3 Element Fault
SIPO63	362	'9138933_/_9454174_1'	2.23		3.33	3.33	0.39	0.3	3.33	1.47 No	0.3 Element Fault
SIPO63	363	'3152070_/_3152068'	2.13		3.33	3.33	0.39	0.3	3.33	1.47 No	0.3 Element Fault
SIPO63	364	'427751454_/_427751458'	3.33		3.33	3.33	0.39	0.6	3.33	1.47 No	0.39 Thermal Discharging
SIPO63	365	'54044469_/_426830691'	10		10	10	1.18	1.8	10	4.41 No	1.18 Thermal Discharging
SIPO63	366	'54044432_/_54044466'	10		10	10	1.18	1.8	10	4.41 No	1.18 Thermal Discharging
SIPO63	367	'54044433_/_54044430'	10		10	10	1.18	1.8	10	4.41 No	1.18 Thermal Discharging
SIPO63	368	'54044445_/_54044442'	6.67		6.67	6.67	0.78	1.2	6.67	2.94 No	0.78 Thermal Discharging
SIPO63	369	'54044456_/_54044460'	3.33		3.33	3.33	0.39	0.6	3.33	1.47 No	0.39 Thermal Discharging
SIPO63	370	'607682919_/_607682924_2'	6.67		6.67	6.67	0.78	0.6	6.67	2.94 No	0.6 Element Fault
SIPO63	371	'55964029_/_65256805'	3.33		3.33	3.33	0.39	0.6	3.33	1.47 No	0.39 Thermal Discharging
SIPO63	372	'7244573_/_320853564'	3.33		3.33	3.33	0.39	0.77	3.33	1.47 No	0.39 Thermal Discharging
SIPO63	373	'3118106_/_3118103'	10		10	10	1.18	3.5	10	4.41 No	1.18 Thermal Discharging
SIPO63	374	'7560416_/_7560429_1'	3.33		3.33	3.33	0.39	0.3	3.33	1.47 No	0.3 Element Fault
SIPO63	375	'7560432_/_7560429_2'	3.33		3.33	3.33	0.39	0.3	3.33	1.47 No	0.3 Element Fault
SIPO63	376	'7244574_/_7244571'	3.33		3.33	3.33	0.39	0.77	3.33	1.47 No	0.39 Thermal Discharging
SIPO63	377	'55963895_/_55963902'	3.33		3.33	3.33	0.39	0.6	3.33	1.47 No	0.39 Thermal Discharging
SIPO63	378	'7560504_/_8824202'	3.33		3.33	3.33	0.39	0.3	3.33	1.47 No	0.3 Element Fault
SIPO63	379	'3118001_/_3118120'	6.9		10	10	1.18	3.5	10	4.41 No	1.18 Thermal Discharging
SIPO63	380	'8195983_/_8506965_2'	2.33		3.33	3.33	0.39	1.17	3.33	1.47 No	0.39 Thermal Discharging
SIPO63	381	'5404464_/_54044644'	3.33		3.33	3.33	0.39	0.6	3.33	1.47 No	0.39 Thermal Discharging
SIPO63	382	'3161794_/_3161791'	6.67		6.67	6.67	0.78	1	6.67	2.94 No	0.78 Thermal Discharging
SIPO63	383	'442056756_/_3117998'	6.6		10	10	1.18	3.5	10	4.41 No	1.18 Thermal Discharging
SIPO63	384	'742064194_/_7874909_1'	3.33		3.33	3.33	0.39	0.2	3.33	1.47 No	0.2 Element Fault
SIPO63	385	'7244508_/_8162355'	3.33		3.33	3.33	0.39	0.77	3.33	1.47 No	0.39 Thermal Discharging
SIPO63	386	'442057067_/_442057046_1'	6.6		10	10	1.18	0.9	10	4.41 No	0.9 Element Fault
SIPO63	387	'55963755_/_55963762'	3.33		3.33	3.33	0.39	0.6	3.33	1.47 No	0.39 Thermal Discharging
SIPO63	388	'442057002_/_442057004_1'	6.4		10	10	1.18	3.4	10	4.41 No	1.18 Thermal Discharging
SIPO63	389	'8506967_/_8506965_1'	2.37		3.33	3.33	0.39	0.3	3.33	1.47 No	0.3 Element Fault
SIPO63	390	'442057705_/_442057188_1'	6.4		10	10	1.18	1.5	10	4.41 No	1.18 Thermal Discharging
SIPO63	391	'55964330_/_55964332'	3.33		3.33	3.33	0.39	0.6	3.33	1.47 No	0.39 Thermal Discharging
SIPO63	392	'3117721_/_442057004_2'	6.3		10	10	1.18	3.4	10	4.41 No	1.18 Thermal Discharging
SIPO63	393	'7246611_/_442057046_2'	6		10	10	1.18	0.9	10	4.41 No	0.9 Element Fault
SIPO63	394	'7874912_/_7874909_2'	3.33		3.33	3.33	0.39	0.2	3.33	1.47 No	0.2 Element Fault
SIPO63	395	'7246152_/_7560501'	3.33		3.33	3.33	0.39	0.3	3.33	1.47 No	0.3 Element Fault
SIPO63	396	'65256530_/_65256537'	3.33		3.33	3.33	0.39	0.6	3.33	1.47 No	0.39 Thermal Discharging
SIPO63	397	'43269310_/_3161827'	3.33		3.33	3.33	0.39	0.5	3.33	1.47 No	0.39 Thermal Discharging
SIPO63	398	'7244507_/_7244505'	3.33		3.33	3.33	0.39	0.77	3.33	1.47 No	0.39 Thermal Discharging
SIPO63	399	'442057122_/_442057188_2'	5.4		10	10	1.18	1.5	10	4.41 No	1.18 Thermal Discharging
SIPO63	400	'442057105_/_442057119'	5.4		10	10	1.18	1.5	10	4.41 No	1.18 Thermal Discharging
SIPO63	401	'442057130_/_442057127'	5.4		10	10	1.18	1.5	10	4.41 No	1.18 Thermal Discharging
SIPO63	402	'442057106_/_442057103'	3.6		6.67	6.67	0.78	1	6.67	2.94 No	0.78 Thermal Discharging
SIPO63	403	'442057114_/_442057111'	1.8		3.33	3.33	0.39	0.5	3.33	1.47 No	0.39 Thermal Discharging
SIPO63	404	'55963994_/_55964001'	3.33		3.33	3.33	0.39	0.6	3.33	1.47 No	0.39 Thermal Discharging
SIPO63	405	'8505404_/_9137453'	3.33		3.33	3.33	0.39	0.77	3.33	1.47 No	0.39 Thermal Discharging
SIPO63	406	'7562541_/_442057301'	1.83		3.33	3.33	0.39	0.5	3.33	1.47 No	0.39 Thermal Discharging
SIPO63	407	'73307468_/_55964036_1'	3.33		3.33	3.33	0.39	0.6	3.33	1.47 No	0.39 Thermal Discharging
SIPO63	408	'442057361_/_442057427'	5		10	10	1.18	1.5	10	4.41 No	1.18 Thermal Discharging
SIPO63	409	'442057344_/_442057358'	5		10	10	1.18	1.5	10	4.41 No	1.18 Thermal Discharging
SIPO63	410	'442057369_/_442057366'	5		10	10	1.18	1.5	10	4.41 No	1.18 Thermal Discharging
SIPO63	411	'442057353_/_442057350'	1.67		3.33	3.33	0.39	0.5	3.33	1.47 No	0.39 Thermal Discharging
SIPO63	412	'442057345_/_442057342'	1.67		3.33	3.33	0.39	0.5	3.33	1.47 No	0.39 Thermal Discharging
SIPO63	413	'8195815_/_442057275'	1.83		3.33	3.33	0.39	0.5	3.33	1.47 No	0.39 Thermal Discharging
SIPO63	414	'7246151_/_7246149'	2.6		3.33	3.33	0.39	0.3	3.33	1.47 No	0.3 Element Fault
SIPO63	415	'43269321_/_3161840'	2.23		3.33	3.33	0.39	0.5	3.33	1.47 No	0.39 Thermal Discharging
SIPO63	416	'8194832_/_442057681'	1.7		3.33	3.33	0.39	0.5	3.33	1.47 No	0.39 Thermal Discharging
SIPO63	417	'7789755_/_8824886'	4.8		10	10	1.18	0.9	10	4.41 No	0.9 Element Fault
SIPO63	418	'7562540_/_7562538'	1.87		3.33	3.33	0.39	0.5	3.33	1.47 No	0.39 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SIPO63	419	'7873827_/_7873825_1'	2.4	3.33	3.33	0.39	0.5	3.33	1.47 No	0.39	Thermal Discharging
SIPO63	420	'54044885_/_54044892'	3.33	3.33	3.33	0.39	0.6	3.33	1.47 No	0.39	Thermal Discharging
SIPO63	421	'442057578_/_442057619'	1.7	3.33	3.33	0.39	0.5	3.33	1.47 No	0.39	Thermal Discharging
SIPO63	422	'442057648_/_442057646'	1.7	3.33	3.33	0.39	0.5	3.33	1.47 No	0.39	Thermal Discharging
SIPO63	423	'8423196_/_8505401'	3.33	3.33	3.33	0.39	0.77	3.33	1.47 No	0.39	Thermal Discharging
SIPO63	424	'7874459_/_442057216'	1.87	3.33	3.33	0.39	0.5	3.33	1.47 No	0.39	Thermal Discharging
SIPO63	425	'7558325_/_9138707'	1.7	3.33	3.33	0.39	0.5	3.33	1.47 No	0.39	Thermal Discharging
SIPO63	426	'445036384_/_442057899_1'	4.4	10	10	1.18	0.9	10	4.41 No	0.9	Element Fault
SIPO63	427	'7561127_/_9454952'	1.7	3.33	3.33	0.39	0.5	3.33	1.47 No	0.39	Thermal Discharging
SIPO63	428	'7562508_/_7872765'	1.73	3.33	3.33	0.39	0.5	3.33	1.47 No	0.39	Thermal Discharging
SIPO63	429	'7874460_/_7874457'	1.9	3.33	3.33	0.39	0.5	3.33	1.47 No	0.39	Thermal Discharging
SIPO63	430	'7558326_/_7558323'	1.73	3.33	3.33	0.39	0.5	3.33	1.47 No	0.39	Thermal Discharging
SIPO63	431	'7562509_/_7562506'	1.7	3.33	3.33	0.39	0.5	3.33	1.47 No	0.39	Thermal Discharging
SIPO63	432	'7562525_/_7562522'	1.7	3.33	3.33	0.39	0.5	3.33	1.47 No	0.39	Thermal Discharging
SIPO63	433	'7789756_/_7789753'	4.2	10	10	1.18	0.9	10	4.41 No	0.9	Element Fault
SIPO63	434	'7562660_/_7873583'	1.73	3.33	3.33	0.39	0.5	3.33	1.47 No	0.39	Thermal Discharging
SIPO63	435	'8194816_/_9453138'	1.63	3.33	3.33	0.39	0.5	3.33	1.47 No	0.39	Thermal Discharging
SIPO63	436	'7561126_/_7561124'	1.73	3.33	3.33	0.39	0.5	3.33	1.47 No	0.39	Thermal Discharging
SIPO63	437	'7245108_/_8194813'	1.57	3.33	3.33	0.39	0.5	3.33	1.47 No	0.39	Thermal Discharging
SIPO63	438	'7246631_/_8196733'	1.77	3.33	3.33	0.39	0.5	3.33	1.47 No	0.39	Thermal Discharging
SIPO63	439	'7562661_/_7562658'	1.77	3.33	3.33	0.39	0.5	3.33	1.47 No	0.39	Thermal Discharging
SIPO63	440	'7874339_/_8423194'	2.57	3.33	3.33	0.39	0.77	3.33	1.47 No	0.39	Thermal Discharging
SIPO63	441	'7245156_/_8196749'	1.77	3.33	3.33	0.39	0.5	3.33	1.47 No	0.39	Thermal Discharging
SIPO63	442	'7245091_/_8505823'	1.53	3.33	3.33	0.39	0.5	3.33	1.47 No	0.39	Thermal Discharging
SIPO63	443	'7246632_/_7246629'	1.7	3.33	3.33	0.39	0.5	3.33	1.47 No	0.39	Thermal Discharging
SIPO63	444	'43269333_/_43269323'	1.53	3.33	3.33	0.39	0.5	3.33	1.47 No	0.39	Thermal Discharging
SIPO63	445	'39683823_/_44095477'	1.7	3.33	3.33	0.39	0.5	3.33	1.47 No	0.39	Thermal Discharging
SIPO63	446	'9137980_/_9137977'	1.7	3.33	3.33	0.39	0.5	3.33	1.47 No	0.39	Thermal Discharging
SIPO63	447	'40332026_/_8750994_1'	1.67	3.33	3.33	0.39	0.77	3.33	1.47 No	0.39	Thermal Discharging
SIPO63	448	'7874340_/_7874337'	2.17	3.33	3.33	0.39	0.77	3.33	1.47 No	0.39	Thermal Discharging
SIPO63	449	'7245155_/_7245153'	1.63	3.33	3.33	0.39	0.5	3.33	1.47 No	0.39	Thermal Discharging
SIPO63	450	'8505949_/_9137993'	1.6	3.33	3.33	0.39	0.5	3.33	1.47 No	0.39	Thermal Discharging
SIPO63	451	'54045076_/_54045083'	1.8	3.33	3.33	0.39	0.6	3.33	1.47 No	0.39	Thermal Discharging
SIPO63	452	'7245107_/_7245105'	1.4	3.33	3.33	0.39	0.5	3.33	1.47 No	0.39	Thermal Discharging
SIPO63	453	'8194863_/_8505947_1'	1.57	3.33	3.33	0.39	0.5	3.33	1.47 No	0.39	Thermal Discharging
SIPO63	454	'8505842_/_8505839_1'	1.33	3.33	3.33	0.39	0.5	3.33	1.47 No	0.39	Thermal Discharging
SIPO63	455	'7245092_/_7245089'	1.33	3.33	3.33	0.39	0.5	3.33	1.47 No	0.39	Thermal Discharging
SIPO63	456	'37654770_/_7872285'	3.2	10	10	1.18	0.9	10	4.41 No	0.9	Element Fault
SIPO63	457	'43269345_/_43269335'	1.23	3.33	3.33	0.39	0.5	3.33	1.47 No	0.39	Thermal Discharging
SIPO63	458	'54045204_/_54045211'	1.33	3.33	3.33	0.39	0.6	3.33	1.47 No	0.39	Thermal Discharging
SIPO63	459	'3161856_/_3161853'	1.1	3.33	3.33	0.39	0.5	3.33	1.47 No	0.39	Thermal Discharging
SIPO63	460	'3161872_/_3161869'	1.03	3.33	3.33	0.39	0.5	3.33	1.47 No	0.39	Thermal Discharging
SIPO63	461	'8197263_/_8197261_1'	1.03	3.33	3.33	0.39	0.2	3.33	1.47 No	0.2	Element Fault
SIPO63	462	'3161888_/_3161885'	1.03	3.33	3.33	0.39	0.5	3.33	1.47 No	0.39	Thermal Discharging
SIPO63	463	'54045367_/_54045306_1'	1.1	3.33	3.33	0.39	0.6	3.33	1.47 No	0.39	Thermal Discharging
SIPO63	464	'8197264_/_8197261_2'	0.9	3.33	3.33	0.39	0.2	3.33	1.47 No	0.2	Element Fault
SIPO71	0	'SIPO71_/_427966995'	10	10	10	1.12	10	10	10 No	1.12	Thermal Discharging
SIPO71	1	'7246736_/_427966995'	10	10	10	1.12	10	10	4.83 No	1.12	Thermal Discharging
SIPO71	2	'508697497_/_427967066'	10	10	10	1.12	10	10	4.83 No	1.12	Thermal Discharging
SIPO71	3	'8825172_/_427967120'	10	10	10	1.12	10	10	4.83 No	1.12	Thermal Discharging
SIPO71	4	'427967345_/_427967139_2'	10	10	10	1.12	10	10	4.83 No	1.12	Thermal Discharging
SIPO71	5	'446353219_/_8825170_1'	10	10	10	1.12	10	10	4.83 No	1.12	Thermal Discharging
SIPO71	6	'427966724_/_8825170_2'	10	10	10	1.12	10	10	4.83 No	1.12	Thermal Discharging
SIPO71	7	'3149975_/_427966721'	10	10	10	1.12	10	10	4.83 No	1.12	Thermal Discharging
SIPO71	8	'3149958_/_3149972'	10	10	10	1.12	10	10	4.83 No	1.12	Thermal Discharging
SIPO71	9	'43262898_/_3149989'	10	10	10	1.12	10	10	4.83 No	1.12	Thermal Discharging
SIPO71	10	'50671758_/_50671755'	10	10	10	1.12	10	10	4.83 No	1.12	Thermal Discharging
SIPO71	11	'3115106_/_3149955_2'	10	10	10	1.12	10	10	4.83 No	1.12	Thermal Discharging
SIPO71	12	'3148721_/_43262900'	10	10	10	1.12	10	10	4.83 No	1.12	Thermal Discharging
SIPO71	13	'68309354_/_68309351'	10	10	10	1.12	10	10	4.83 No	1.12	Thermal Discharging
SIPO71	14	'43262885_/_3149955_1'	10	10	10	1.12	10	10	4.83 No	1.12	Thermal Discharging
SIPO71	15	'3147825_/_3147823_2'	3.33	3.33	3.33	0.37	1.5	3.33	1.61 No	0.37	Thermal Discharging
SIPO71	16	'3150043_/_3150040'	10	10	10	1.12	10	10	4.83 No	1.12	Thermal Discharging
SIPO71	17	'3115072_/_3115086'	10	10	10	1.12	10	10	4.83 No	1.12	Thermal Discharging
SIPO71	18	'3150063_/_3150060'	10	10	10	1.12	10	10	4.83 No	1.12	Thermal Discharging
SIPO71	19	'43262872_/_43262874'	10	10	10	1.12	10	10	4.83 No	1.12	Thermal Discharging
SIPO71	20	'3096861_/_3115052'	10	10	10	1.12	10	10	4.83 No	1.12	Thermal Discharging
SIPO71	21	'3147714_/_3150077'	10	10	10	1.12	10	10	4.83 No	1.12	Thermal Discharging
SIPO71	22	'3096862_/_3096872_1'	3.33	3.33	3.33	0.37	0.5	3.33	1.61 No	0.37	Thermal Discharging
SIPO71	23	'3147697_/_3147694_1'	6.67	6.67	6.67	0.75	0.9	6.67	3.22 No	0.75	Thermal Discharging
SIPO71	24	'50924461_/_3150094_1'	10	10	10	1.12	10	10	4.83 No	1.12	Thermal Discharging
SIPO71	25	'3096875_/_3096872_2'	3.33	3.33	3.33	0.37	0.5	3.33	1.61 No	0.37	Thermal Discharging
SIPO71	26	'3150097_/_3150094_2'	10	10	10	1.12	10	10	4.83 No	1.12	Thermal Discharging
SIPO71	27	'3150165_/_3150179_2'	10	10	10	1.12	10	10	4.83 No	1.12	Thermal Discharging
SIPO71	28	'49233139_/_3150111'	10	10	10	1.12	10	10	4.83 No	1.12	Thermal Discharging
SIPO71	29	'43262303_/_3147694_2'	6.67	6.67	6.67	0.75	0.9	6.67	3.22 No	0.75	Thermal Discharging
SIPO71	30	'3150181_/_3150179_1'	10	10	10	1.12	10	10	4.83 No	1.12	Thermal Discharging
SIPO71	31	'3147826_/_3147823_1'	3.33	3.33	3.33	0.37	0.4	3.33	1.61 No	0.37	Thermal Discharging
SIPO71	32	'3117235_/_3117289'	10	10	10	1.12	8.4	10	4.83 No	1.12	Thermal Discharging
SIPO71	33	'3096888_/_3096885'	3.33	3.33	3.33	0.37	0.5	3.33	1.61 No	0.37	Thermal Discharging
SIPO71	34	'122299388_/_3117232'	10	10	10	1.12	8.4	10	4.83 No	1.12	Thermal Discharging
SIPO71	35	'68309446_/_3150128_2'	10	10	10	1.12	10	10	4.83 No	1.12	Thermal Discharging
SIPO71	36	'3150218_/_3150128_1'	10	10	10	1.12	10	10	4.83 No	1.12	Thermal Discharging
SIPO71	37	'3147745_/_3147758_2'	3.33	3.33	3.33	0.37	1.5	3.33	1.61 No	0.37	Thermal Discharging
SIPO71	38	'3150199_/_3150196'	10	10	10	1.12	10	10	4.83 No	1.12	Thermal Discharging
SIPO71	39	'122299480_/_122299463_1'	3.33	3.33	3.33	0.37	0.4	3.33	1.61 No	0.37	Thermal Discharging
SIPO71	40	'43262361_/_3096898'	3.33	3.33	3.33	0.37	0.5	3.33	1.61 No	0.37	Thermal Discharging
SIPO71	41	'3117234_/_122299397'	10	10	10	1.12	8.4	10	4.83 No	1.12	Thermal Discharging
SIPO71	42	'3147682_/_3147727'	6.67	6.67	6.67	0.75	0.9	6.67	3.22 No	0.75	Thermal Discharging
SIPO71	43	'3117254_/_3117346'	10	10	10	1.12	8.4	10	4.83 No	1.12	Thermal Discharging
SIPO71	44	'3096913_/_43262363'	3.33	3.33	3.33	0.37	0.5	3.33	1.61 No	0.37	Thermal Discharging
SIPO71	45	'3147681_/_3147679'	6.67	6.67	6.67	0.75	0.9	6.67	3.22 No	0.75	Thermal Discharging
SIPO71	46	'43262315_/_3147758_1'	3.33	3.33	3.33	0.37	0.4	3.33	1.61 No	0.37	Thermal Discharging
SIPO71	47	'106607477_/_106607486'	10	10	10	1.12	8.4	10	4.83 No	1.12	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SIP071	48	'110816041_/110816052'		10	10	10	1.12	8.4	10	4.83 No	1.12 Thermal Discharging
SIP071	49	'3096914_/3096911'	3.33	3.33	3.33	3.33	0.37	0.5	3.33	1.61 No	0.37 Thermal Discharging
SIP071	50	'3115148_/3115146_1'		10	10	10	1.12	8.4	10	4.83 No	1.12 Thermal Discharging
SIP071	51	'409047173_/3147836'	3.33	3.33	3.33	3.33	0.37	0.4	3.33	1.61 No	0.37 Thermal Discharging
SIP071	52	'110816177_/110816120_1'		10	10	10	1.12	3.1	10	4.83 No	1.12 Thermal Discharging
SIP071	53	'121383480_/3117269'		10	10	10	1.12	3.4	10	4.83 No	1.12 Thermal Discharging
SIP071	54	'49865585_/3115146_2'		10	10	10	1.12	8.4	10	4.83 No	1.12 Thermal Discharging
SIP071	55	'126292174_/3115126'		10	10	10	1.12	8.4	10	4.83 No	1.12 Thermal Discharging
SIP071	56	'121383487_/9454050_2'		10	10	10	1.12	3.4	10	4.83 No	1.12 Thermal Discharging
SIP071	57	'126292231_/126292228'		10	10	10	1.12	8.4	10	4.83 No	1.12 Thermal Discharging
SIP071	58	'43262372_/3096924'	3.33	3.33	3.33	3.33	0.37	0.5	3.33	1.61 No	0.37 Thermal Discharging
SIP071	59	'3105222_/126292267'		10	10	10	1.12	8.4	10	4.83 No	1.12 Thermal Discharging
SIP071	60	'121383824_/121383533'		10	10	10	1.12	3.4	10	4.83 No	1.12 Thermal Discharging
SIP071	61	'3115200_/3115214'		10	10	10	1.12	8.4	10	4.83 No	1.12 Thermal Discharging
SIP071	62	'3115234_/3115231'		10	10	10	1.12	8.4	10	4.83 No	1.12 Thermal Discharging
SIP071	63	'121383933_/121383881_1'		10	10	10	1.12	0.9	10	4.83 No	0.9 Element Fault
SIP071	64	'3105202_/3115197'		10	10	10	1.12	8.4	10	4.83 No	1.12 Thermal Discharging
SIP071	65	'110816114_/110816120_2'		10	10	10	1.12	3.1	10	4.83 No	1.12 Thermal Discharging
SIP071	66	'7873705_/9454050_1'		10	10	10	1.12	0.9	10	4.83 No	0.9 Element Fault
SIP071	67	'3096940_/43262374'	3.33	3.33	3.33	3.33	0.37	0.5	3.33	1.61 No	0.37 Thermal Discharging
SIP071	68	'121383870_/121383881_2'		10	10	10	1.12	0.9	10	4.83 No	0.9 Element Fault
SIP071	69	'3105223_/3105220'		10	10	10	1.12	8.4	10	4.83 No	1.12 Thermal Discharging
SIP071	70	'3147773_/43262317'	3.33	3.33	3.33	3.33	0.37	0.4	3.33	1.61 No	0.37 Thermal Discharging
SIP071	71	'339552180_/339552091_1'	3.33	3.33	3.33	3.33	0.37	0.3	3.33	1.61 No	0.3 Element Fault
SIP071	72	'3114029_/3114112'		10	10	10	1.12	8.4	10	4.83 No	1.12 Thermal Discharging
SIP071	73	'37656038_/7873703'		10	10	10	1.12	0.9	10	4.83 No	0.9 Element Fault
SIP071	74	'37656023_/37656042'		10	10	10	1.12	0.9	10	4.83 No	0.9 Element Fault
SIP071	75	'402123216_/402123213'		10	10	10	1.12	0.9	10	4.83 No	0.9 Element Fault
SIP071	76	'37656024_/37656021'		10	10	10	1.12	0.9	10	4.83 No	0.9 Element Fault
SIP071	77	'37656542_/37656546'		10	10	10	1.12	0.9	10	4.83 No	0.9 Element Fault
SIP071	78	'3096953_/3096950'	3.33	3.33	3.33	3.33	0.37	0.5	3.33	1.61 No	0.37 Thermal Discharging
SIP071	79	'3114030_/3114027'		10	10	10	1.12	8.4	10	4.83 No	1.12 Thermal Discharging
SIP071	80	'3114047_/3114044'		10	10	10	1.12	8.4	10	4.83 No	1.12 Thermal Discharging
SIP071	81	'43266770_/3151406'	6.67	6.67	6.67	6.67	0.75	0.9	6.67	3.22 No	0.75 Thermal Discharging
SIP071	82	'3096966_/3096963'	3.33	3.33	3.33	3.33	0.37	0.5	3.33	1.61 No	0.37 Thermal Discharging
SIP071	83	'3105162_/3114061'		10	10	10	1.12	8.4	10	4.83 No	1.12 Thermal Discharging
SIP071	84	'3105203_/3105200'		10	10	10	1.12	8.4	10	4.83 No	1.12 Thermal Discharging
SIP071	85	'43260929_/3105160'		10	10	10	1.12	8.4	10	4.83 No	1.12 Thermal Discharging
SIP071	86	'3147774_/3147771'	3.33	3.33	3.33	3.33	0.37	0.4	3.33	1.61 No	0.37 Thermal Discharging
SIP071	87	'3151423_/3151421'	6.67	6.67	6.67	6.67	0.75	0.9	6.67	3.22 No	0.75 Thermal Discharging
SIP071	88	'3096979_/3096976'	3.33	3.33	3.33	3.33	0.37	0.5	3.33	1.61 No	0.37 Thermal Discharging
SIP071	89	'3114135_/3114132'		10	10	10	1.12	8.4	10	4.83 No	1.12 Thermal Discharging
SIP071	90	'96649635_/3151439'	6.67	6.67	6.67	6.67	0.75	0.9	6.67	3.22 No	0.75 Thermal Discharging
SIP071	91	'3113996_/3114010'		10	10	10	1.12	8.4	10	4.83 No	1.12 Thermal Discharging
SIP071	92	'3114154_/3114995'		10	10	10	1.12	8.4	10	4.83 No	1.12 Thermal Discharging
SIP071	93	'3096992_/3096989'	3.33	3.33	3.33	3.33	0.37	0.5	3.33	1.61 No	0.37 Thermal Discharging
SIP071	94	'3114155_/3114152'		10	10	10	1.12	8.4	10	4.83 No	1.12 Thermal Discharging
SIP071	95	'8506538_/8506535'		10	10	10	1.12	5.1	10	4.83 No	1.12 Thermal Discharging
SIP071	96	'7245668_/7873349'	6.67	6.67	6.67	6.67	0.75	0.9	6.67	3.22 No	0.75 Thermal Discharging
SIP071	97	'90143091_/8506551_2'		10	10	10	1.12	5.1	10	4.83 No	1.12 Thermal Discharging
SIP071	98	'3105374_/3113976'		10	10	10	1.12	8.4	10	4.83 No	1.12 Thermal Discharging
SIP071	99	'50671582_/50671579'		10	10	10	1.12	8.4	10	4.83 No	1.12 Thermal Discharging
SIP071	100	'3105357_/3105354_2'		10	10	10	1.12	8.4	10	4.83 No	1.12 Thermal Discharging
SIP071	101	'3097005_/3097002'	3.33	3.33	3.33	3.33	0.37	0.5	3.33	1.61 No	0.37 Thermal Discharging
SIP071	102	'7563558_/9139447'		10	10	10	1.12	0.9	10	4.83 No	0.9 Element Fault
SIP071	103	'3090792_/3105354_1'		10	10	10	1.12	8.4	10	4.83 No	1.12 Thermal Discharging
SIP071	104	'3090724_/3113959'		10	10	10	1.12	8.4	10	4.83 No	1.12 Thermal Discharging
SIP071	105	'3097030_/3097015'	3.33	3.33	3.33	3.33	0.37	0.5	3.33	1.61 No	0.37 Thermal Discharging
SIP071	106	'49865610_/49865607'		10	10	10	1.12	8.4	10	4.83 No	1.12 Thermal Discharging
SIP071	107	'458752490_/3097106_2'	3.33	3.33	3.33	3.33	0.37	0.5	3.33	1.61 No	0.37 Thermal Discharging
SIP071	108	'3116775_/3116793'		10	10	10	1.12	8.4	10	4.83 No	1.12 Thermal Discharging
SIP071	109	'3090791_/3090789_1'	3.33	3.33	3.33	3.33	0.37	1.1	3.33	1.61 No	0.37 Thermal Discharging
SIP071	110	'122299445_/122299463_2'	3.33	3.33	3.33	3.33	0.37	0.4	3.33	1.61 No	0.37 Thermal Discharging
SIP071	111	'3090711_/3090708_1'	3.33	3.33	3.33	3.33	0.37	0.4	3.33	1.61 No	0.37 Thermal Discharging
SIP071	112	'3097031_/3097028'	3.33	3.33	3.33	3.33	0.37	0.5	3.33	1.61 No	0.37 Thermal Discharging
SIP071	113	'3116742_/3116773'		10	10	10	1.12	8.4	10	4.83 No	1.12 Thermal Discharging
SIP071	114	'7873670_/7873667_2'	3.33	3.33	3.33	3.33	0.37	1.4	3.33	1.61 No	0.37 Thermal Discharging
SIP071	115	'3097096_/3097106_1'	3.33	3.33	3.33	3.33	0.37	0.3	3.33	1.61 No	0.3 Element Fault
SIP071	116	'50788923_/50788920'		10	10	10	1.12	8.4	10	4.83 No	1.12 Thermal Discharging
SIP071	117	'50369913_/3090789_2'	3.33	3.33	3.33	3.33	0.37	1.1	3.33	1.61 No	0.37 Thermal Discharging
SIP071	118	'8823501_/8823498_1'	3.33	3.33	3.33	3.33	0.37	0.5	3.33	1.61 No	0.37 Thermal Discharging
SIP071	119	'339552072_/339552091_2'	3.33	3.33	3.33	3.33	0.37	0.3	3.33	1.61 No	0.3 Element Fault
SIP071	120	'3113928_/3116739'		10	10	10	1.12	8.4	10	4.83 No	1.12 Thermal Discharging
SIP071	121	'68991287_/43260482_2'		10	10	10	1.12	8.4	10	4.83 No	1.12 Thermal Discharging
SIP071	122	'66648387_/70491404_2'	3.33	3.33	3.33	3.33	0.37	1.1	3.33	1.61 No	0.37 Thermal Discharging
SIP071	123	'43260480_/43260482_1'		10	10	10	1.12	1.4	10	4.83 No	1.12 Thermal Discharging
SIP071	124	'3155514_/3155511'	3.33	3.33	3.33	3.33	0.37	0.5	3.33	1.61 No	0.37 Thermal Discharging
SIP071	125	'43260637_/43260639'	3.33	3.33	3.33	3.33	0.37	1	3.33	1.61 No	0.37 Thermal Discharging
SIP071	126	'7563559_/7563556'		10	10	10	1.12	0.9	10	4.83 No	0.9 Element Fault
SIP071	127	'49247092_/49247089'		10	10	10	1.12	8.4	10	4.83 No	1.12 Thermal Discharging
SIP071	128	'3090656_/3090653_1'	3.33	3.33	3.33	3.33	0.37	0.4	3.33	1.61 No	0.37 Thermal Discharging
SIP071	129	'3147864_/3155524'	3.33	3.33	3.33	3.33	0.37	0.5	3.33	1.61 No	0.37 Thermal Discharging
SIP071	130	'3113894_/3113925'		10	10	10	1.12	8.4	10	4.83 No	1.12 Thermal Discharging
SIP071	131	'7558306_/7558303_2'		10	10	10	1.12	8.4	10	4.83 No	1.12 Thermal Discharging
SIP071	132	'8506721_/8506719_1'		10	10	10	1.12	8.4	10	4.83 No	1.12 Thermal Discharging
SIP071	133	'3114348_/7558303_1'		10	10	10	1.12	8.4	10	4.83 No	1.12 Thermal Discharging
SIP071	134	'3113893_/3113891'		10	10	10	1.12	8.4	10	4.83 No	1.12 Thermal Discharging
SIP071	135	'121884389_/121884334_1'	3.33	3.33	3.33	3.33	0.37	0.3	3.33	1.61 No	0.3 Element Fault
SIP071	136	'7873669_/7873667_1'	3.33	3.33	3.33	3.33	0.37	0.4	3.33	1.61 No	0.37 Thermal Discharging
SIP071	137	'3090601_/8823498_2'	3.33	3.33	3.33	3.33	0.37	0.5	3.33	1.61 No	0.37 Thermal Discharging
SIP071	138	'43261016_/3114345'		10	10	10	1.12	8.4	10	4.83 No	1.12 Thermal Discharging
SIP071	139	'3114081_/3114078'		10	10	10	1.12	8.4	10	4.83 No	1.12 Thermal Discharging
SIP071	140	'3091958_/3114365'		10	10	10	1.12	8.4	10	4.83 No	1.12 Thermal Discharging
SIP071	141	'3091811_/8506551_1'		10	10	10	1.12	1.4	10	4.83 No	1.12 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SIP071	142	'3114314'___/3114328'	10	10	10	1.12	8.4	10	4.83	No	1.12 Thermal Discharging
SIP071	143	'43262416'___/3147862'	3.33	3.33	3.33	0.37	0.5	3.33	1.61	No	0.37 Thermal Discharging
SIP071	144	'7875002'___/7874999'	10	10	10	1.12	0.9	10	4.83	No	0.9 Element Fault
SIP071	145	'74857036'___/624671554_1'	10	10	10	1.12	8.4	10	4.83	No	1.12 Thermal Discharging
SIP071	146	'3097083'___/3097093'	3.33	3.33	3.33	0.37	0.3	3.33	1.61	No	0.3 Element Fault
SIP071	147	'3114297'___/3114311'	10	10	10	1.12	8.4	10	4.83	No	1.12 Thermal Discharging
SIP071	148	'43261003'___/3114294'	10	10	10	1.12	8.4	10	4.83	No	1.12 Thermal Discharging
SIP071	149	'8506722'___/8506719_2'	10	10	10	1.12	8.4	10	4.83	No	1.12 Thermal Discharging
SIP071	150	'3089974'___/8506719_3'	10	10	10	1.12	8.4	10	4.83	No	1.12 Thermal Discharging
SIP071	151	'3114263'___/3114277'	10	10	10	1.12	8.4	10	4.83	No	1.12 Thermal Discharging
SIP071	152	'3147878'___/3147875'	3.33	3.33	3.33	0.37	0.5	3.33	1.61	No	0.37 Thermal Discharging
SIP071	153	'3091978'___/3091975_2'	10	10	10	1.12	3.4	10	4.83	No	1.12 Thermal Discharging
SIP071	154	'3090710'___/3090708_2'	3.33	3.33	3.33	0.37	0.4	3.33	1.61	No	0.37 Thermal Discharging
SIP071	155	'3091957'___/43261031'	10	10	10	1.12	3.4	10	4.83	No	1.12 Thermal Discharging
SIP071	156	'3114246'___/3114260'	10	10	10	1.12	8.4	10	4.83	No	1.12 Thermal Discharging
SIP071	157	'43260990'___/3114243'	10	10	10	1.12	8.4	10	4.83	No	1.12 Thermal Discharging
SIP071	158	'3147891'___/3147888'	3.33	3.33	3.33	0.37	0.5	3.33	1.61	No	0.37 Thermal Discharging
SIP071	159	'427869142'___/121884334_2'	3.33	3.33	3.33	0.37	0.3	3.33	1.61	No	0.3 Element Fault
SIP071	160	'50653573'___/3114226'	10	10	10	1.12	8.4	10	4.83	No	1.12 Thermal Discharging
SIP071	161	'43260977'___/50653570'	10	10	10	1.12	8.4	10	4.83	No	1.12 Thermal Discharging
SIP071	162	'3105555'___/3114209'	10	10	10	1.12	8.4	10	4.83	No	1.12 Thermal Discharging
SIP071	163	'8195779'___/8195777'	3.33	3.33	3.33	0.37	0.47	3.33	1.61	No	0.37 Thermal Discharging
SIP071	164	'3089973'___/3089971'	10	10	10	1.12	6.6	10	4.83	No	1.12 Thermal Discharging
SIP071	165	'3105554'___/3105552'	10	10	10	1.12	8.4	10	4.83	No	1.12 Thermal Discharging
SIP071	166	'88542874'___/88542843'	10	10	10	1.12	1.4	10	4.83	No	1.12 Thermal Discharging
SIP071	167	'3114171'___/3114189'	10	10	10	1.12	8.4	10	4.83	No	1.12 Thermal Discharging
SIP071	168	'43260543'___/3089991'	10	10	10	1.12	7.2	10	4.83	No	1.12 Thermal Discharging
SIP071	169	'8195595'___/70491404_1'	3.33	3.33	3.33	0.37	0.1	3.33	1.61	No	0.1 Element Fault
SIP071	170	'52954044'___/52954062_2'	10	10	10	1.12	5.1	10	4.83	No	1.12 Thermal Discharging
SIP071	171	'52954060'___/52954062_1'	10	10	10	1.12	0.2	10	4.83	No	0.2 Element Fault
SIP071	172	'43260964'___/3114169'	10	10	10	1.12	8.4	10	4.83	No	1.12 Thermal Discharging
SIP071	173	'43260648'___/3090653_2'	3.33	3.33	3.33	0.37	0.4	3.33	1.61	No	0.37 Thermal Discharging
SIP071	174	'8506849'___/8506847'	3.33	3.33	3.33	0.37	0.4	3.33	1.61	No	0.37 Thermal Discharging
SIP071	175	'3097070'___/3097080'	3.33	3.33	3.33	0.37	0.3	3.33	1.61	No	0.3 Element Fault
SIP071	176	'3090737'___/3090734'	3.33	3.33	3.33	0.37	0.4	3.33	1.61	No	0.37 Thermal Discharging
SIP071	177	'3092454'___/43260966'	10	10	10	1.12	8.4	10	4.83	No	1.12 Thermal Discharging
SIP071	178	'689495689'___/689495705'	10	10	10	1.12	0.9	10	4.83	No	0.9 Element Fault
SIP071	179	'3092500'___/3092510'	3.33	3.33	3.33	0.37	1.4	3.33	1.61	No	0.37 Thermal Discharging
SIP071	180	'43261078'___/3114382'	10	10	10	1.12	8.4	10	4.83	No	1.12 Thermal Discharging
SIP071	181	'3090169'___/3090598'	3.33	3.33	3.33	0.37	0.5	3.33	1.61	No	0.37 Thermal Discharging
SIP071	182	'3091977'___/3091975_1'	10	10	10	1.12	1.5	10	4.83	No	1.12 Thermal Discharging
SIP071	183	'3092394'___/3092391_2'	10	10	10	1.12	4.2	10	4.83	No	1.12 Thermal Discharging
SIP071	184	'3114405'___/3114402'	10	10	10	1.12	8.4	10	4.83	No	1.12 Thermal Discharging
SIP071	185	'3114425'___/3114422'	10	10	10	1.12	8.4	10	4.83	No	1.12 Thermal Discharging
SIP071	186	'3090011'___/3090008'	10	10	10	1.12	7.2	10	4.83	No	1.12 Thermal Discharging
SIP071	187	'489284296'___/489284575_1'	3.33	3.33	3.33	0.37	0.5	3.33	1.61	No	0.37 Thermal Discharging
SIP071	188	'43261091'___/3114439'	10	10	10	1.12	8.4	10	4.83	No	1.12 Thermal Discharging
SIP071	189	'458751977'___/458751981'	3.33	3.33	3.33	0.37	0.3	3.33	1.61	No	0.3 Element Fault
SIP071	190	'3091799'___/88542878'	10	10	10	1.12	1.4	10	4.83	No	1.12 Thermal Discharging
SIP071	191	'458752056'___/458752015_2'	3.33	3.33	3.33	0.37	0.3	3.33	1.61	No	0.3 Element Fault
SIP071	192	'43261105'___/43261093'	10	10	10	1.12	8.4	10	4.83	No	1.12 Thermal Discharging
SIP071	193	'3092075'___/3092089'	10	10	10	1.12	1.5	10	4.83	No	1.12 Thermal Discharging
SIP071	194	'3096690'___/3114490'	10	10	10	1.12	8.4	10	4.83	No	1.12 Thermal Discharging
SIP071	195	'3092624'___/3114473'	10	10	10	1.12	8.4	10	4.83	No	1.12 Thermal Discharging
SIP071	196	'427869214'___/427869233'	3.33	3.33	3.33	0.37	0.3	3.33	1.61	No	0.3 Element Fault
SIP071	197	'756716472'___/489284575_2'	3.33	3.33	3.33	0.37	0.5	3.33	1.61	No	0.37 Thermal Discharging
SIP071	198	'3092625'___/3092635_1'	3.33	3.33	3.33	0.37	0.4	3.33	1.61	No	0.37 Thermal Discharging
SIP071	199	'556073285'___/556073254_1'	10	10	10	1.12	1.4	10	4.83	No	1.12 Thermal Discharging
SIP071	200	'489284165'___/489284208'	3.33	3.33	3.33	0.37	1.4	3.33	1.61	No	0.37 Thermal Discharging
SIP071	201	'43261245'___/3114510'	10	10	10	1.12	8.4	10	4.83	No	1.12 Thermal Discharging
SIP071	202	'3090028'___/3090025'	10	10	10	1.12	7.2	10	4.83	No	1.12 Thermal Discharging
SIP071	203	'3099357'___/3099355_1'	10	10	10	0.19	7.6	10	5.12	No	0.19 Thermal Discharging
SIP071	204	'3092484'___/3092497'	3.33	3.33	3.33	0.37	0.5	3.33	1.61	No	0.37 Thermal Discharging
SIP071	205	'3092638'___/3092635_2'	3.33	3.33	3.33	0.37	0.4	3.33	1.61	No	0.37 Thermal Discharging
SIP071	206	'43262405'___/43262407'	3.33	3.33	3.33	0.37	0.3	3.33	1.61	No	0.3 Element Fault
SIP071	207	'3092912'___/3099355_2'	10	10	10	0.19	7.6	10	5.12	No	0.19 Thermal Discharging
SIP071	208	'3090672'___/43260650'	3.33	3.33	3.33	0.37	0.4	3.33	1.61	No	0.37 Thermal Discharging
SIP071	209	'3092393'___/3092391_1'	10	10	10	1.12	1.5	10	4.83	No	1.12 Thermal Discharging
SIP071	210	'43261258'___/3092910'	10	10	10	0.19	7.6	10	5.12	No	0.19 Thermal Discharging
SIP071	211	'8823534'___/8824046'	3.33	3.33	3.33	0.37	0.4	3.33	1.61	No	0.37 Thermal Discharging
SIP071	212	'9138383'___/52954118'	3.33	3.33	3.33	0.37	0.07	3.33	1.61	No	0.07 Element Fault
SIP071	213	'3092055'___/3092072'	10	10	10	1.12	1.5	10	4.83	No	1.12 Thermal Discharging
SIP071	214	'88542424'___/3091796'	10	10	10	1.12	1.4	10	4.83	No	1.12 Thermal Discharging
SIP071	215	'3090045'___/3090042'	10	10	10	1.12	7.2	10	4.83	No	1.12 Thermal Discharging
SIP071	216	'3092413'___/3092411_1'	10	10	10	1.12	0.9	10	4.83	No	0.9 Element Fault
SIP071	217	'7873386'___/9453762_1'	10	10	10	1.12	0.9	10	4.83	No	0.9 Element Fault
SIP071	218	'3092651'___/3092648'	3.33	3.33	3.33	0.37	0.4	3.33	1.61	No	0.37 Thermal Discharging
SIP071	219	'43260517'___/43260519'	10	10	10	1.12	3.4	10	4.83	No	1.12 Thermal Discharging
SIP071	220	'3092933'___/3092930'	10	10	10	0.19	7.6	10	5.12	No	0.19 Thermal Discharging
SIP071	221	'3091812'___/3091809'	3.33	3.33	3.33	0.37	0.47	3.33	1.61	No	0.37 Thermal Discharging
SIP071	222	'3090168'___/3090166'	3.33	3.33	3.33	0.37	0.5	3.33	1.61	No	0.37 Thermal Discharging
SIP071	223	'3092588'___/3096687'	10	10	10	1.12	4.2	10	4.83	No	1.12 Thermal Discharging
SIP071	224	'3091841'___/3091851_1'	3.33	3.33	3.33	0.37	0.3	3.33	1.61	No	0.3 Element Fault
SIP071	225	'37655653'___/756716494'	3.33	3.33	3.33	0.37	0.5	3.33	1.61	No	0.37 Thermal Discharging
SIP071	226	'37655660'___/37655657'	3.33	3.33	3.33	0.37	0.5	3.33	1.61	No	0.37 Thermal Discharging
SIP071	227	'37655667'___/37655664'	3.33	3.33	3.33	0.37	0.5	3.33	1.61	No	0.37 Thermal Discharging
SIP071	228	'37655681'___/37655685'	3.33	3.33	3.33	0.37	0.5	3.33	1.61	No	0.37 Thermal Discharging
SIP071	229	'399833877'___/399833874'	3.33	3.33	3.33	0.37	0.5	3.33	1.61	No	0.37 Thermal Discharging
SIP071	230	'3090081'___/3090247'	10	10	10	1.12	3.4	10	4.83	No	1.12 Thermal Discharging
SIP071	231	'3092667'___/3092664'	3.33	3.33	3.33	0.37	0.4	3.33	1.61	No	0.37 Thermal Discharging
SIP071	232	'43261271'___/3092947'	10	10	10	0.19	7.6	10	5.12	No	0.19 Thermal Discharging
SIP071	233	'3090062'___/3090059'	10	10	10	1.12	7.1	10	4.83	No	1.12 Thermal Discharging
SIP071	234	'556073271'___/556073254_2'	10	10	10	1.12	0.9	10	4.83	No	0.9 Element Fault
SIP071	235	'7873144'___/8506279'	3.33	3.33	3.33	0.37	1.4	3.33	1.61	No	0.37 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SIP071	236	'3079166_/_3092964'	10	10	10	0.19	7.6	10	5.12 No	0.19	Thermal Discharging
SIP071	237	'3092109_/_3092411_2'	10	10	10	1.12	0.9	10	4.83 No	0.9	Element Fault
SIP071	238	'7245383_/_489284066'	3.33	3.33	3.33	0.37	0.5	3.33	1.61 No	0.37	Thermal Discharging
SIP071	239	'3092038_/_3092052'	10	10	10	1.12	1.5	10	4.83 No	1.12	Thermal Discharging
SIP071	240	'3092470_/_3092481'	3.33	3.33	3.33	0.37	0.5	3.33	1.61 No	0.37	Thermal Discharging
SIP071	241	'7873175_/_8824030'	3.33	3.33	3.33	0.37	0.47	3.33	1.61 No	0.37	Thermal Discharging
SIP071	242	'43260907_/_3091783'	10	10	10	1.12	1.4	10	4.83 No	1.12	Thermal Discharging
SIP071	243	'3090685_/_3090682'	3.33	3.33	3.33	0.37	0.4	3.33	1.61 No	0.37	Thermal Discharging
SIP071	244	'3092984_/_3092981'	10	10	10	0.19	7.6	10	5.12 No	0.19	Thermal Discharging
SIP071	245	'8195155_/_489283492'	3.33	3.33	3.33	0.37	0.5	3.33	1.61 No	0.37	Thermal Discharging
SIP071	246	'43260530_/_43260532'	10	10	10	1.12	7.1	10	4.83 No	1.12	Thermal Discharging
SIP071	247	'43260626_/_43260628'	3.33	3.33	3.33	0.37	0.5	3.33	1.61 No	0.37	Thermal Discharging
SIP071	248	'43261284_/_3092998'	10	10	10	0.19	7.6	10	5.12 No	0.19	Thermal Discharging
SIP071	249	'3092680_/_3092677'	3.33	3.33	3.33	0.37	0.4	3.33	1.61 No	0.37	Thermal Discharging
SIP071	250	'3091828_/_3091825'	3.33	3.33	3.33	0.37	0.47	3.33	1.61 No	0.37	Thermal Discharging
SIP071	251	'43261310_/_3079164'	10	10	10	0.19	3.1	10	5.12 No	0.19	Thermal Discharging
SIP071	252	'3079014_/_3079011'	10	10	10	0.19	7.6	10	5.12 No	0.19	Thermal Discharging
SIP071	253	'3090642_/_3108585'	10	10	10	1.12	1.4	10	4.83 No	1.12	Thermal Discharging
SIP071	254	'3092558_/_3092585'	10	10	10	1.12	4.2	10	4.83 No	1.12	Thermal Discharging
SIP071	255	'400001528_/_3092539'	10	10	10	1.12	4.2	10	4.83 No	1.12	Thermal Discharging
SIP071	256	'3092542_/_3114683_2'	10	10	10	1.12	4.2	10	4.83 No	1.12	Thermal Discharging
SIP071	257	'3092018_/_3092035'	10	10	10	1.12	1.5	10	4.83 No	1.12	Thermal Discharging
SIP071	258	'3079167_/_3079184_1'	10	10	10	0.19	0.9	10	5.12 No	0.19	Thermal Discharging
SIP071	259	'3092342_/_3092339'	3.33	3.33	3.33	0.37	0.3	3.33	1.61 No	0.3	Element Fault
SIP071	260	'3090918_/_3090932'	10	10	10	1.12	7.1	10	4.83 No	1.12	Thermal Discharging
SIP071	261	'7245384_/_489284048'	3.33	3.33	3.33	0.37	0.5	3.33	1.61 No	0.37	Thermal Discharging
SIP071	262	'427869253_/_427869272'	3.33	3.33	3.33	0.37	0.3	3.33	1.61 No	0.3	Element Fault
SIP071	263	'43261297_/_3079028'	10	10	10	0.19	7.6	10	5.12 No	0.19	Thermal Discharging
SIP071	264	'3092559_/_3092572_1'	3.33	3.33	3.33	0.37	0.4	3.33	1.61 No	0.37	Thermal Discharging
SIP071	265	'9138280_/_9138297_1'	10	10	10	1.12	1.5	10	4.83 No	1.12	Thermal Discharging
SIP071	266	'9453765_/_9453762_2'	10	10	10	1.12	0.9	10	4.83 No	0.9	Element Fault
SIP071	267	'3091945_/_3092468'	3.33	3.33	3.33	0.37	0.5	3.33	1.61 No	0.37	Thermal Discharging
SIP071	268	'43260896_/_3091851_2'	3.33	3.33	3.33	0.37	0.3	3.33	1.61 No	0.3	Element Fault
SIP071	269	'43260493_/_3090182'	3.33	3.33	3.33	0.37	0.5	3.33	1.61 No	0.37	Thermal Discharging
SIP071	270	'3079048_/_3079045'	10	10	10	0.19	7.6	10	5.12 No	0.19	Thermal Discharging
SIP071	271	'3090901_/_3090915'	10	10	10	1.12	7.1	10	4.83 No	1.12	Thermal Discharging
SIP071	272	'7873143_/_7873141'	3.33	3.33	3.33	0.37	1.4	3.33	1.61 No	0.37	Thermal Discharging
SIP071	273	'7245451_/_9138297_2'	10	10	10	1.12	1.5	10	4.83 No	1.12	Thermal Discharging
SIP071	274	'9453605_/_9453618_1'	3.33	3.33	3.33	0.37	0.4	3.33	1.61 No	0.37	Thermal Discharging
SIP071	275	'7563211_/_8823532'	3.33	3.33	3.33	0.37	0.4	3.33	1.61 No	0.37	Thermal Discharging
SIP071	276	'3079065_/_3079062'	10	10	10	0.19	7.6	10	5.12 No	0.19	Thermal Discharging
SIP071	277	'3099375_/_3099372'	3.33	3.33	3.33	0.37	0.3	3.33	1.61 No	0.3	Element Fault
SIP071	278	'3092526_/_3092523'	3.33	3.33	3.33	0.37	0.5	3.33	1.61 No	0.37	Thermal Discharging
SIP071	279	'43261042_/_43261044'	10	10	10	1.12	1.5	10	4.83 No	1.12	Thermal Discharging
SIP071	280	'368347200_/_3090695'	3.33	3.33	3.33	0.37	0.4	3.33	1.61 No	0.37	Thermal Discharging
SIP071	281	'3079187_/_3079184_2'	10	10	10	0.19	0.9	10	5.12 No	0.19	Thermal Discharging
SIP071	282	'43261131_/_3092693'	3.33	3.33	3.33	0.37	0.4	3.33	1.61 No	0.37	Thermal Discharging
SIP071	283	'43261323_/_3079079'	10	10	10	0.19	7.6	10	5.12 No	0.19	Thermal Discharging
SIP071	284	'3092164_/_3092161'	3.33	3.33	3.33	0.37	0.5	3.33	1.61 No	0.37	Thermal Discharging
SIP071	285	'3090082_/_3090079'	10	10	10	1.12	1.5	10	4.83 No	1.12	Thermal Discharging
SIP071	286	'8195188_/_489284057'	3.33	3.33	3.33	0.37	0.5	3.33	1.61 No	0.37	Thermal Discharging
SIP071	287	'8195156_/_489283512'	3.33	3.33	3.33	0.37	0.5	3.33	1.61 No	0.37	Thermal Discharging
SIP071	288	'3090884_/_3090898'	10	10	10	1.12	7.1	10	4.83 No	1.12	Thermal Discharging
SIP071	289	'3092122_/_3092106'	3.33	3.33	3.33	0.37	0.3	3.33	1.61 No	0.3	Element Fault
SIP071	290	'9138320_/_9138333_1'	3.33	3.33	3.33	0.37	0.5	3.33	1.61 No	0.37	Thermal Discharging
SIP071	291	'3079099_/_43261325'	10	10	10	0.19	7.6	10	5.12 No	0.19	Thermal Discharging
SIP071	292	'3092355_/_3092352'	3.33	3.33	3.33	0.37	0.3	3.33	1.61 No	0.3	Element Fault
SIP071	293	'3091998_/_3092015'	10	10	10	1.12	1.5	10	4.83 No	1.12	Thermal Discharging
SIP071	294	'7563210_/_7563208'	3.33	3.33	3.33	0.37	0.4	3.33	1.61 No	0.37	Thermal Discharging
SIP071	295	'3092575_/_3092572_2'	3.33	3.33	3.33	0.37	0.4	3.33	1.61 No	0.37	Thermal Discharging
SIP071	296	'43261336_/_3079113'	10	10	10	0.19	7.6	10	5.12 No	0.19	Thermal Discharging
SIP071	297	'3090867_/_3090881'	10	10	10	1.12	7.1	10	4.83 No	1.12	Thermal Discharging
SIP071	298	'3090575_/_3090585'	3.33	3.33	3.33	0.37	0.5	3.33	1.61 No	0.37	Thermal Discharging
SIP071	299	'7245452_/_7245449'	10	10	10	1.12	1.5	10	4.83 No	1.12	Thermal Discharging
SIP071	300	'3079204_/_3079201'	10	10	10	0.19	0.9	10	5.12 No	0.19	Thermal Discharging
SIP071	301	'3091932_/_3091942'	3.33	3.33	3.33	0.37	0.5	3.33	1.61 No	0.37	Thermal Discharging
SIP071	302	'43260670_/_3090640'	10	10	10	1.12	1.4	10	4.83 No	1.12	Thermal Discharging
SIP071	303	'427869292_/_427869311'	3.33	3.33	3.33	0.37	0.3	3.33	1.61 No	0.3	Element Fault
SIP071	304	'3135979_/_3135976'	3.33	3.33	3.33	0.37	0.3	3.33	1.61 No	0.3	Element Fault
SIP071	305	'3092135_/_3092132'	3.33	3.33	3.33	0.37	0.3	3.33	1.61 No	0.3	Element Fault
SIP071	306	'3079133_/_3079130'	10	10	10	0.19	7.6	10	5.12 No	0.19	Thermal Discharging
SIP071	307	'7563064_/_9453618_2'	3.33	3.33	3.33	0.37	0.4	3.33	1.61 No	0.37	Thermal Discharging
SIP071	308	'3092177_/_3092174'	3.33	3.33	3.33	0.37	0.5	3.33	1.61 No	0.37	Thermal Discharging
SIP071	309	'3079150_/_3079147'	10	10	10	0.19	7.6	10	5.12 No	0.19	Thermal Discharging
SIP071	310	'458751546_/_458752015_1'	3.33	3.33	3.33	0.37	0.2	3.33	1.61 No	0.2	Element Fault
SIP071	311	'3092696_/_43261133'	3.33	3.33	3.33	0.37	0.4	3.33	1.61 No	0.37	Thermal Discharging
SIP071	312	'3091854_/_43260898'	3.33	3.33	3.33	0.37	0.3	3.33	1.61 No	0.3	Element Fault
SIP071	313	'3137458_/_3137473'	6.67	6.67	6.67	0.75	1	6.67	3.22 No	0.75	Thermal Discharging
SIP071	314	'9138336_/_9138333_2'	3.33	3.33	3.33	0.37	0.5	3.33	1.61 No	0.37	Thermal Discharging
SIP071	315	'7563033_/_9138241'	3.33	3.33	3.33	0.37	1.4	3.33	1.61 No	0.37	Thermal Discharging
SIP071	316	'3090866_/_3090864'	10	10	10	1.12	7.1	10	4.83 No	1.12	Thermal Discharging
SIP071	317	'3086256_/_3099295'	10	10	10	0.19	7.6	10	5.12 No	0.19	Thermal Discharging
SIP071	318	'49931753_/_8507725_1'	3.33	3.33	3.33	0.37	0.2	3.33	1.61 No	0.2	Element Fault
SIP071	319	'3086238_/_3086253'	10	10	10	0.19	7.6	10	5.12 No	0.19	Thermal Discharging
SIP071	320	'3087824_/_3087822_1'	3.33	3.33	3.33	0.06	0.3	3.33	1.71 No	0.06	Thermal Discharging
SIP071	321	'3086289_/_3099275'	10	10	10	0.19	7.5	10	5.12 No	0.19	Thermal Discharging
SIP071	322	'7245432_/_8507649_1'	10	10	10	1.12	1.5	10	4.83 No	1.12	Thermal Discharging
SIP071	323	'7873127_/_489283533'	3.33	3.33	3.33	0.37	0.5	3.33	1.61 No	0.37	Thermal Discharging
SIP071	324	'3091997_/_3091995'	10	10	10	1.12	1.5	10	4.83 No	1.12	Thermal Discharging
SIP071	325	'3092267_/_3092365'	3.33	3.33	3.33	0.37	0.3	3.33	1.61 No	0.3	Element Fault
SIP071	326	'43258056_/_3086235'	10	10	10	0.19	7.6	10	5.12 No	0.19	Thermal Discharging
SIP071	327	'7872683_/_7872681_1'	3.33	3.33	3.33	0.06	0.3	3.33	1.71 No	0.06	Thermal Discharging
SIP071	328	'3090198_/_43260495'	3.33	3.33	3.33	0.37	0.5	3.33	1.61 No	0.37	Thermal Discharging
SIP071	329	'3092709_/_3092706'	3.33	3.33	3.33	0.37	0.4	3.33	1.61 No	0.37	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SIP071	330	'43258068_/3086287'		10	10	10	0.19	7.5	10	5.12 No	0.19 Thermal Discharging
SIP071	331	'711698706_/711698710'		10	10	10	0.19	7.6	10	5.12 No	0.19 Thermal Discharging
SIP071	332	'3135992_/3135989'	3.33	3.33	3.33	0.37	0.3	3.33	1.61 No	0.3 Element Fault	
SIP071	333	'3079221_/3079218'		10	10	10	0.19	0.9	10	5.12 No	0.19 Thermal Discharging
SIP071	334	'3086205_/3086220'		10	10	10	0.19	7.6	10	5.12 No	0.19 Thermal Discharging
SIP071	335	'3132797_/3132811'		10	10	10	1.12	7	10	4.83 No	1.12 Thermal Discharging
SIP071	336	'74857281_/7874077_1'		10	10	10	1.12	7	10	4.83 No	1.12 Thermal Discharging
SIP071	337	'3091919_/3091929'	3.33	3.33	3.33	0.37	0.5	3.33	1.61 No	0.37 Thermal Discharging	
SIP071	338	'3094244_/3094254_1'	3.33	3.33	3.33	0.06	0.1	3.33	1.71 No	0.06 Thermal Discharging	
SIP071	339	'7563065_/7563062'	3.33	3.33	3.33	0.37	0.4	3.33	1.61 No	0.37 Thermal Discharging	
SIP071	340	'3099318_/3099315'		10	10	10	0.19	7.6	10	5.12 No	0.19 Thermal Discharging
SIP071	341	'3144419_/43258070_1'		10	10	10	0.19	7.5	10	5.12 No	0.19 Thermal Discharging
SIP071	342	'427869179_/427869329'	3.33	3.33	3.33	0.37	0.3	3.33	1.61 No	0.3 Element Fault	
SIP071	343	'7245415_/7873173'	3.33	3.33	3.33	0.37	0.47	3.33	1.61 No	0.37 Thermal Discharging	
SIP071	344	'43268962_/43258070_2'		10	10	10	0.19	7.4	10	5.12 No	0.19 Thermal Discharging
SIP071	345	'43258018_/43258020'	6.67	6.67	6.67	0.13	5.07	6.67	3.41 No	0.13 Thermal Discharging	
SIP071	346	'330169049_/330169021_1'		10	10	10	0.19	0.5	10	5.12 No	0.19 Thermal Discharging
SIP071	347	'3111232_/3111229'		10	10	10	0.19	7.6	10	5.12 No	0.19 Thermal Discharging
SIP071	348	'3086190_/3086187_2'	6.67	6.67	6.67	0.13	5.07	6.67	3.41 No	0.13 Thermal Discharging	
SIP071	349	'572160936_/427869183'	3.33	3.33	3.33	0.37	0.3	3.33	1.61 No	0.3 Element Fault	
SIP071	350	'356401425_/43268964'		10	10	10	0.19	7.4	10	5.12 No	0.19 Thermal Discharging
SIP071	351	'43260504_/3090099'		10	10	10	1.12	1.5	10	4.83 No	1.12 Thermal Discharging
SIP071	352	'3092151_/3092148'	3.33	3.33	3.33	0.37	0.3	3.33	1.61 No	0.3 Element Fault	
SIP071	353	'3086189_/3086187_1'	6.67	6.67	6.67	0.06	5.07	6.67	3.41 No	0.06 Thermal Discharging	
SIP071	354	'3090614_/3090611'		10	10	10	1.12	1.4	10	4.83 No	1.12 Thermal Discharging
SIP071	355	'43258030_/3111246'		10	10	10	0.19	7.6	10	5.12 No	0.19 Thermal Discharging
SIP071	356	'3094257_/3094254_2'	3.33	3.33	3.33	0.06	0.1	3.33	1.71 No	0.06 Thermal Discharging	
SIP071	357	'3087825_/3087822_2'	3.33	3.33	3.33	0.06	0.3	3.33	1.71 No	0.06 Thermal Discharging	
SIP071	358	'3137457_/3137455'	6.67	6.67	6.67	0.75	1	6.67	3.22 No	0.75 Thermal Discharging	
SIP071	359	'43267656_/43267658'		10	10	10	1.12	7	10	4.83 No	1.12 Thermal Discharging
SIP071	360	'49931710_/7245991_1'	6.67	6.67	6.67	0.75	0.4	6.67	3.22 No	0.4 Element Fault	
SIP071	361	'7873192_/9453666'	3.33	3.33	3.33	0.37	0.5	3.33	1.61 No	0.37 Thermal Discharging	
SIP071	362	'3090156_/3090572'	3.33	3.33	3.33	0.37	0.5	3.33	1.61 No	0.37 Thermal Discharging	
SIP071	363	'719542504_/330169021_2'		10	10	10	0.19	0.5	10	5.12 No	0.19 Thermal Discharging
SIP071	364	'458751507_/458751565'	3.33	3.33	3.33	0.37	0.2	3.33	1.61 No	0.2 Element Fault	
SIP071	365	'719542570_/719542586'		10	10	10	0.19	0.5	10	5.12 No	0.19 Thermal Discharging
SIP071	366	'7872684_/7872681_2'	3.33	3.33	3.33	0.06	0.3	3.33	1.71 No	0.06 Thermal Discharging	
SIP071	367	'3092266_/3092264'	3.33	3.33	3.33	0.37	0.3	3.33	1.61 No	0.3 Element Fault	
SIP071	368	'719542524_/719542602'		10	10	10	0.19	0.5	10	5.12 No	0.19 Thermal Discharging
SIP071	369	'3092722_/3092719'	3.33	3.33	3.33	0.37	0.4	3.33	1.61 No	0.37 Thermal Discharging	
SIP071	370	'7245632_/8506599_1'	3.33	3.33	3.33	0.37	0.1	3.33	1.61 No	0.1 Element Fault	
SIP071	371	'7563032_/7563030'	3.33	3.33	3.33	0.37	1.4	3.33	1.61 No	0.37 Thermal Discharging	
SIP071	372	'7873128_/489283554'	3.33	3.33	3.33	0.37	0.5	3.33	1.61 No	0.37 Thermal Discharging	
SIP071	373	'8506330_/8506327'	3.33	3.33	3.33	0.37	0.4	3.33	1.61 No	0.37 Thermal Discharging	
SIP071	374	'3132658_/3132672'		10	10	10	1.12	7	10	4.83 No	1.12 Thermal Discharging
SIP071	375	'3092193_/3092190'		10	10	10	1.12	1.5	10	4.83 No	1.12 Thermal Discharging
SIP071	376	'43261349_/43261351'		10	10	10	0.19	0.9	10	5.12 No	0.19 Thermal Discharging
SIP071	377	'38963947_/8130057_1'		10	10	10	1.12	3.2	10	4.83 No	1.12 Thermal Discharging
SIP071	378	'7245994_/7245991_2'	6.67	6.67	6.67	0.75	0.4	6.67	3.22 No	0.4 Element Fault	
SIP071	379	'3092296_/3092306'	3.33	3.33	3.33	0.37	0.5	3.33	1.61 No	0.37 Thermal Discharging	
SIP071	380	'8507728_/8507725_2'	3.33	3.33	3.33	0.37	0.2	3.33	1.61 No	0.2 Element Fault	
SIP071	381	'43261232_/3099335'		10	10	10	0.19	3.2	10	5.12 No	0.19 Thermal Discharging
SIP071	382	'68991234_/8823548_1'	3.33	3.33	3.33	0.37	0.47	3.33	1.61 No	0.37 Thermal Discharging	
SIP071	383	'3090211_/3090208'	3.33	3.33	3.33	0.37	0.5	3.33	1.61 No	0.37 Thermal Discharging	
SIP071	384	'3132657_/3132655'		10	10	10	1.12	6.9	10	4.83 No	1.12 Thermal Discharging
SIP071	385	'3086922_/3086920'	6.67	6.67	6.67	0.06	2.8	6.67	3.41 No	0.06 Thermal Discharging	
SIP071	386	'9455059_/9455056'	3.33	3.33	3.33	0.06	0.3	3.33	1.71 No	0.06 Thermal Discharging	
SIP071	387	'43268071_/3136002'	3.33	3.33	3.33	0.37	0.3	3.33	1.61 No	0.3 Element Fault	
SIP071	388	'3091906_/3091916'	3.33	3.33	3.33	0.37	0.5	3.33	1.61 No	0.37 Thermal Discharging	
SIP071	389	'8506602_/8506599_2'	3.33	3.33	3.33	0.37	0.1	3.33	1.61 No	0.1 Element Fault	
SIP071	390	'3092879_/3092876_1'		10	10	10	0.19	0.9	10	5.12 No	0.19 Thermal Discharging
SIP071	391	'572160996_/572161012'	3.33	3.33	3.33	0.37	0.3	3.33	1.61 No	0.3 Element Fault	
SIP071	392	'87079870_/87079844_1'	3.33	3.33	3.33	0.37	0.3	3.33	1.61 No	0.3 Element Fault	
SIP071	393	'7246667_/8825018'	3.33	3.33	3.33	0.37	1.4	3.33	1.61 No	0.37 Thermal Discharging	
SIP071	394	'76701799_/3108567_2'	6.67	6.67	6.67	0.06	2.1	6.67	3.41 No	0.06 Thermal Discharging	
SIP071	395	'3087838_/3087835'	3.33	3.33	3.33	0.06	0.3	3.33	1.71 No	0.06 Thermal Discharging	
SIP071	396	'7873191_/7873189'	3.33	3.33	3.33	0.37	0.5	3.33	1.61 No	0.37 Thermal Discharging	
SIP071	397	'37656619_/8507649_2'		10	10	10	1.12	1.5	10	4.83 No	1.12 Thermal Discharging
SIP071	398	'37656626_/37656623'		10	10	10	1.12	1.5	10	4.83 No	1.12 Thermal Discharging
SIP071	399	'37656633_/37656630'		10	10	10	1.12	1.5	10	4.83 No	1.12 Thermal Discharging
SIP071	400	'37656660_/37656665'		10	10	10	1.12	1.5	10	4.83 No	1.12 Thermal Discharging
SIP071	401	'37656647_/37656651'	3.33	3.33	3.33	0.37	0.5	3.33	1.61 No	0.37 Thermal Discharging	
SIP071	402	'3079258_/3079255'		10	10	10	0.19	0.9	10	5.12 No	0.19 Thermal Discharging
SIP071	403	'3092295_/3092293'	3.33	3.33	3.33	0.37	0.5	3.33	1.61 No	0.37 Thermal Discharging	
SIP071	404	'7873370_/7873367'	3.33	3.33	3.33	0.37	0.3	3.33	1.61 No	0.3 Element Fault	
SIP071	405	'3132726_/3132740'		10	10	10	1.12	6.9	10	4.83 No	1.12 Thermal Discharging
SIP071	406	'36834358_/3090624'	3.33	3.33	3.33	0.37	0.47	3.33	1.61 No	0.37 Thermal Discharging	
SIP071	407	'330169002_/719542528'		10	10	10	0.19	0.5	10	5.12 No	0.19 Thermal Discharging
SIP071	408	'43261386_/3094296'	3.33	3.33	3.33	0.06	0.1	3.33	1.71 No	0.06 Thermal Discharging	
SIP071	409	'8506586_/9138495_1'	0.8	3.33	3.33	0.37	0.3	3.33	1.61 No	0.3 Element Fault	
SIP071	410	'43261142_/3092732'	3.33	3.33	3.33	0.37	0.4	3.33	1.61 No	0.37 Thermal Discharging	
SIP071	411	'7561043_/7561040'		10	10	10	1.12	1.5	10	4.83 No	1.12 Thermal Discharging
SIP071	412	'9138809_/9138807'	6.67	6.67	6.67	0.75	0.4	6.67	3.22 No	0.4 Element Fault	
SIP071	413	'8506298_/489283569'	3.33	3.33	3.33	0.37	0.5	3.33	1.61 No	0.37 Thermal Discharging	
SIP071	414	'3079294_/3079292'		10	10	10	0.19	0.9	10	5.12 No	0.19 Thermal Discharging
SIP071	415	'3086890_/3086902'	6.67	6.67	6.67	0.06	2.8	6.67	3.41 No	0.06 Thermal Discharging	
SIP071	416	'3090119_/3090116'		10	10	10	1.12	1.5	10	4.83 No	1.12 Thermal Discharging
SIP071	417	'43267669_/43267671'		10	10	10	1.12	6.9	10	4.83 No	1.12 Thermal Discharging
SIP071	418	'8506409_/9454402'	3.33	3.33	3.33	0.37	0.5	3.33	1.61 No	0.37 Thermal Discharging	
SIP071	419	'458751468_/458751526'	3.33	3.33	3.33	0.37	0.2	3.33	1.61 No	0.2 Element Fault	
SIP071	420	'7246668_/7246665'	3.33	3.33	3.33	0.37	1.4	3.33	1.61 No	0.37 Thermal Discharging	
SIP071	421	'3095282_/3108567_1'	6.67	6.67	6.67	0.06	0.3	6.67	3.41 No	0.06 Thermal Discharging	
SIP071	422	'43261067_/3092277'	3.33	3.33	3.33	0.37	0.3	3.33	1.61 No	0.3 Element Fault	
SIP071	423	'43260953_/3091903'	3.33	3.33	3.33	0.37	0.5	3.33	1.61 No	0.37 Thermal Discharging	

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SIP071	424	'401582676_/_8130057_2'		10	10	10	1.12	3.2	10	4.83 No	1.12 Thermal Discharging
SIP071	425	'404484918_/_69868370'		10	10	10	1.12	3.2	10	4.83 No	1.12 Thermal Discharging
SIP071	426	'401582680_/_38050541'		10	10	10	1.12	3.2	10	4.83 No	1.12 Thermal Discharging
SIP071	427	'404484964_/_404484961'		10	10	10	1.12	3.2	10	4.83 No	1.12 Thermal Discharging
SIP071	428	'43261219_/_3092876_2'		10	10	10	0.19	0.9	10	5.12 No	0.19 Thermal Discharging
SIP071	429	'43261054_/_3092210'		10	10	10	1.12	1.5	10	4.83 No	1.12 Thermal Discharging
SIP071	430	'3094311_/_3094309_2'		3.33	3.33	3.33	0.06	0.3	3.33	1.71 No	0.06 Thermal Discharging
SIP071	431	'572160966_/_572161026'		3.33	3.33	3.33	0.37	0.3	3.33	1.61 No	0.3 Element Fault
SIP071	432	'3090155_/_3090153'		3.33	3.33	3.33	0.37	0.5	3.33	1.61 No	0.37 Thermal Discharging
SIP071	433	'8506346_/_8506343'		3.33	3.33	3.33	0.37	0.4	3.33	1.61 No	0.37 Thermal Discharging
SIP071	434	'3136005_/_43268073'		3.33	3.33	3.33	0.37	0.3	3.33	1.61 No	0.3 Element Fault
SIP071	435	'8195171_/_489283584'		3.33	3.33	3.33	0.37	0.5	3.33	1.61 No	0.37 Thermal Discharging
SIP071	436	'3132760_/_3132774'		10	10	10	1.12	6.9	10	4.83 No	1.12 Thermal Discharging
SIP071	437	'43258081_/_3087848'		3.33	3.33	3.33	0.06	0.3	3.33	1.71 No	0.06 Thermal Discharging
SIP071	438	'8506378_/_8506391'		3.33	3.33	3.33	0.37	0.5	3.33	1.61 No	0.37 Thermal Discharging
SIP071	439	'37656696_/_7816021'		10	10	10	1.12	3.2	10	4.83 No	1.12 Thermal Discharging
SIP071	440	'37656675_/_37656700'		10	10	10	1.12	3.2	10	4.83 No	1.12 Thermal Discharging
SIP071	441	'37656682_/_37656686'		10	10	10	1.12	3.2	10	4.83 No	1.12 Thermal Discharging
SIP071	442	'37656674_/_37656672'		3.33	3.33	3.33	0.37	1.07	3.33	1.61 No	0.37 Thermal Discharging
SIP071	443	'37656709_/_37656707'		3.33	3.33	3.33	0.37	1.07	3.33	1.61 No	0.37 Thermal Discharging
SIP071	444	'3090224_/_3090221'		3.33	3.33	3.33	0.37	0.5	3.33	1.61 No	0.37 Thermal Discharging
SIP071	445	'436478710_/_330169188'		3.33	3.33	3.33	0.06	0.17	3.33	1.71 No	0.06 Thermal Discharging
SIP071	446	'3095267_/_3095279'		6.67	6.67	6.67	0.06	0.3	6.67	3.41 No	0.06 Thermal Discharging
SIP071	447	'3086889_/_3086887'		6.67	6.67	6.67	0.06	2.8	6.67	3.41 No	0.06 Thermal Discharging
SIP071	448	'36453638_/_8456102'		10	10	10	1.12	1.5	10	4.83 No	1.12 Thermal Discharging
SIP071	449	'39069955_/_9139539'		3.33	3.33	3.33	0.37	1.07	3.33	1.61 No	0.37 Thermal Discharging
SIP071	450	'3092748_/_43261144'		3.33	3.33	3.33	0.37	0.4	3.33	1.61 No	0.37 Thermal Discharging
SIP071	451	'3079275_/_3079272'		10	10	10	0.19	0.9	10	5.12 No	0.19 Thermal Discharging
SIP071	452	'3094273_/_3094270'		3.33	3.33	3.33	0.06	0.1	3.33	1.71 No	0.06 Thermal Discharging
SIP071	453	'8506377_/_8506375'		3.33	3.33	3.33	0.37	0.5	3.33	1.61 No	0.37 Thermal Discharging
SIP071	454	'88688281_/_3086964_1'		3.33	3.33	3.33	0.03	0.2	3.33	1.71 No	0.03 Thermal Discharging
SIP071	455	'7874512_/_7874509'		3.33	3.33	3.33	0.37	1.4	3.33	1.61 No	0.37 Thermal Discharging
SIP071	456	'3090847_/_3132757'		10	10	10	1.12	6.9	10	4.83 No	1.12 Thermal Discharging
SIP071	457	'7874304_/_7874301'		3.33	3.33	3.33	0.37	1.07	3.33	1.61 No	0.37 Thermal Discharging
SIP071	458	'8506362_/_8506359'		3.33	3.33	3.33	0.37	0.4	3.33	1.61 No	0.37 Thermal Discharging
SIP071	459	'43261206_/_3092859'		10	10	10	0.19	0.9	10	5.12 No	0.19 Thermal Discharging
SIP071	460	'121884320_/_572160970'		3.33	3.33	3.33	0.37	0.3	3.33	1.61 No	0.3 Element Fault
SIP071	461	'3090846_/_3090844'		10	10	10	1.12	4.8	10	4.83 No	1.12 Thermal Discharging
SIP071	462	'458752061_/_458751487_1'		3.33	3.33	3.33	0.37	0.2	3.33	1.61 No	0.2 Element Fault
SIP071	463	'489283840_/_489283939'		3.33	3.33	3.33	0.37	0.5	3.33	1.61 No	0.37 Thermal Discharging
SIP071	464	'489283821_/_489283837'		3.33	3.33	3.33	0.37	0.5	3.33	1.61 No	0.37 Thermal Discharging
SIP071	465	'7245472_/_9453650'		3.33	3.33	3.33	0.37	0.5	3.33	1.61 No	0.37 Thermal Discharging
SIP071	466	'489283834_/_489283831'		3.33	3.33	3.33	0.37	0.5	3.33	1.61 No	0.37 Thermal Discharging
SIP071	467	'489283828_/_489283825'		3.33	3.33	3.33	0.37	0.5	3.33	1.61 No	0.37 Thermal Discharging
SIP071	468	'489283822_/_489283819'		3.33	3.33	3.33	0.37	0.5	3.33	1.61 No	0.37 Thermal Discharging
SIP071	469	'3090139_/_3090136'		10	10	10	1.12	1.5	10	4.83 No	1.12 Thermal Discharging
SIP071	470	'43261586_/_3095264'		6.67	6.67	6.67	0.06	0.3	6.67	3.41 No	0.06 Thermal Discharging
SIP071	471	'3091880_/_3091890'		3.33	3.33	3.33	0.37	0.5	3.33	1.61 No	0.37 Thermal Discharging
SIP071	472	'3086857_/_3086869'		6.67	6.67	6.67	0.06	2.8	6.67	3.41 No	0.06 Thermal Discharging
SIP071	473	'43261375_/_3094309_1'		3.33	3.33	3.33	0.06	0.1	3.33	1.71 No	0.06 Thermal Discharging
SIP071	474	'7563016_/_489283930'		3.33	3.33	3.33	0.37	0.5	3.33	1.61 No	0.37 Thermal Discharging
SIP071	475	'7873224_/_8507881'		3.33	3.33	3.33	0.37	1.4	3.33	1.61 No	0.37 Thermal Discharging
SIP071	476	'3094383_/_43258083'		3.33	3.33	3.33	0.06	0.3	3.33	1.71 No	0.06 Thermal Discharging
SIP071	477	'3092230_/_3092227'		10	10	10	1.12	1.5	10	4.83 No	1.12 Thermal Discharging
SIP071	478	'3092280_/_43261069'		3.33	3.33	3.33	0.37	0.3	3.33	1.61 No	0.3 Element Fault
SIP071	479	'489283960_/_8506471_1'		3.33	3.33	3.33	0.37	1.4	3.33	1.61 No	0.37 Thermal Discharging
SIP071	480	'87079890_/_87079844_2'		3.33	3.33	3.33	0.37	1.07	3.33	1.61 No	0.37 Thermal Discharging
SIP071	481	'401582664_/_44086212'		10	10	10	1.12	3.2	10	4.83 No	1.12 Thermal Discharging
SIP071	482	'3086937_/_3086964_2'		3.33	3.33	3.33	0.03	0.2	3.33	1.71 No	0.03 Thermal Discharging
SIP071	483	'43260703_/_43260705'		10	10	10	1.12	4.8	10	4.83 No	1.12 Thermal Discharging
SIP071	484	'7558425_/_8506407'		3.33	3.33	3.33	0.37	0.5	3.33	1.61 No	0.37 Thermal Discharging
SIP071	485	'401441336_/_3092758'		3.33	3.33	3.33	0.37	0.4	3.33	1.61 No	0.37 Thermal Discharging
SIP071	486	'3094286_/_3094283'		3.33	3.33	3.33	0.06	0.1	3.33	1.71 No	0.06 Thermal Discharging
SIP071	487	'3095546_/_3095543'		3.33	3.33	3.33	0.06	0.1	3.33	1.71 No	0.06 Thermal Discharging
SIP071	488	'3086842_/_3086854'		6.67	6.67	6.67	0.06	2.8	6.67	3.41 No	0.06 Thermal Discharging
SIP071	489	'43261362_/_3094224'		10	10	10	0.19	0.9	10	5.12 No	0.19 Thermal Discharging
SIP071	490	'3092844_/_3092842'		10	10	10	0.19	0.9	10	5.12 No	0.19 Thermal Discharging
SIP071	491	'3095237_/_3095249'		6.67	6.67	6.67	0.06	0.3	6.67	3.41 No	0.06 Thermal Discharging
SIP071	492	'43261397_/_43261399'		3.33	3.33	3.33	0.06	0.3	3.33	1.71 No	0.06 Thermal Discharging
SIP071	493	'43260942_/_3091877'		3.33	3.33	3.33	0.37	0.5	3.33	1.61 No	0.37 Thermal Discharging
SIP071	494	'8196623_/_9139575'		10	10	10	1.12	3.2	10	4.83 No	1.12 Thermal Discharging
SIP071	495	'3090954_/_3090952'		10	10	10	1.12	2.5	10	4.83 No	1.12 Thermal Discharging
SIP071	496	'3094357_/_3094367'		3.33	3.33	3.33	0.06	0.3	3.33	1.71 No	0.06 Thermal Discharging
SIP071	497	'3092247_/_3092244'		10	10	10	1.12	1.5	10	4.83 No	1.12 Thermal Discharging
SIP071	498	'442033508_/_442033527'		3.33	3.33	3.33	0.06	0.17	3.33	1.71 No	0.06 Thermal Discharging
SIP071	499	'3086827_/_3086839'		6.67	6.67	6.67	0.06	2.8	6.67	3.41 No	0.06 Thermal Discharging
SIP071	500	'3086993_/_3087003'		3.33	3.33	3.33	0.03	0.2	3.33	1.71 No	0.03 Thermal Discharging
SIP071	501	'9138259_/_9138257'		10	10	10	1.12	2.5	10	4.83 No	1.12 Thermal Discharging
SIP071	502	'3086938_/_3086935'		3.33	3.33	3.33	0.03	0.2	3.33	1.71 No	0.03 Thermal Discharging
SIP071	503	'43261598_/_3095234'		6.67	6.67	6.67	0.06	0.3	6.67	3.41 No	0.06 Thermal Discharging
SIP071	504	'43260578_/_3090264'		10	10	10	1.12	1.5	10	4.83 No	1.12 Thermal Discharging
SIP071	505	'3091866_/_3091864'		3.33	3.33	3.33	0.37	0.5	3.33	1.61 No	0.37 Thermal Discharging
SIP071	506	'43261193_/_43261195'		10	10	10	0.19	0.9	10	5.12 No	0.19 Thermal Discharging
SIP071	507	'3095559_/_3095556'		3.33	3.33	3.33	0.06	0.1	3.33	1.71 No	0.06 Thermal Discharging
SIP071	508	'442033547_/_442033584'		3.33	3.33	3.33	0.06	0.17	3.33	1.71 No	0.06 Thermal Discharging
SIP071	509	'3087022_/_3087019'		3.33	3.33	3.33	0.03	0.2	3.33	1.71 No	0.03 Thermal Discharging
SIP071	510	'3094227_/_43261364'		10	10	10	0.19	0.5	10	5.12 No	0.19 Thermal Discharging
SIP071	511	'7873223_/_7873221'		3.33	3.33	3.33	0.37	1.4	3.33	1.61 No	0.37 Thermal Discharging
SIP071	512	'759534506_/_759534528'		3.33	3.33	3.33	0.37	1.4	3.33	1.61 No	0.37 Thermal Discharging
SIP071	513	'3094341_/_3094354'		3.33	3.33	3.33	0.06	0.3	3.33	1.71 No	0.06 Thermal Discharging
SIP071	514	'3086954_/_3086951'		3.33	3.33	3.33	0.03	0.2	3.33	1.71 No	0.03 Thermal Discharging
SIP071	515	'3099252_/_3099262'		3.33	3.33	3.33	0.37	0.5	3.33	1.61 No	0.37 Thermal Discharging
SIP071	516	'3086826_/_3086824'		6.67	6.67	6.67	0.06	2.8	6.67	3.41 No	0.06 Thermal Discharging
SIP071	517	'7245471_/_9453634_1'		3.33	3.33	3.33	0.37	0.5	3.33	1.61 No	0.37 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SIP071	518	'9138514_/9138511'	10	10	10	0.19	0.5	10	5.12	No	0.19 Thermal Discharging
SIP071	519	'367844745_/3108546'	6.67	6.67	6.67	0.06	2.1	6.67	3.41	No	0.06 Thermal Discharging
SIP071	520	'3095221_/3095219'	6.67	6.67	6.67	0.06	0.3	6.67	3.41	No	0.06 Thermal Discharging
SIP071	521	'43261180_/43261182'	10	10	10	0.19	0.9	10	5.12	No	0.19 Thermal Discharging
SIP071	522	'3086992_/43257911'	3.33	3.33	3.33	0.03	0.2	3.33	1.71	No	0.03 Thermal Discharging
SIP071	523	'37656731_/8196621'	10	10	10	1.12	3.2	10	4.83	No	1.12 Thermal Discharging
SIP071	524	'37656759_/37656777'	10	10	10	1.12	3.2	10	4.83	No	1.12 Thermal Discharging
SIP071	525	'37656738_/37656770'	10	10	10	1.12	3.2	10	4.83	No	1.12 Thermal Discharging
SIP071	526	'37656745_/37656763'	10	10	10	1.12	3.2	10	4.83	No	1.12 Thermal Discharging
SIP071	527	'399856445_/399856442'	10	10	10	1.12	3.2	10	4.83	No	1.12 Thermal Discharging
SIP071	528	'3086980_/3086977'	3.33	3.33	3.33	0.03	0.2	3.33	1.71	No	0.03 Thermal Discharging
SIP071	529	'3099239_/3099249'	3.33	3.33	3.33	0.37	0.5	3.33	1.61	No	0.37 Thermal Discharging
SIP071	530	'3095311_/3095309'	6.67	6.67	6.67	0.06	0.3	6.67	3.41	No	0.06 Thermal Discharging
SIP071	531	'38835380_/9139597_1'	10	10	10	1.12	1.5	10	4.83	No	1.12 Thermal Discharging
SIP071	532	'3090287_/3090284'	10	10	10	1.12	1.5	10	4.83	No	1.12 Thermal Discharging
SIP071	533	'3090988_/9139597_2'	10	10	10	1.12	1.5	10	4.83	No	1.12 Thermal Discharging
SIP071	534	'3095296_/3095294_1'	6.67	6.67	6.67	0.06	0.1	6.67	3.41	No	0.06 Thermal Discharging
SIP071	535	'3094324_/3094338'	3.33	3.33	3.33	0.06	0.3	3.33	1.71	No	0.06 Thermal Discharging
SIP071	536	'3092791_/3092808'	10	10	10	0.19	0.9	10	5.12	No	0.19 Thermal Discharging
SIP071	537	'3090989_/3090986'	10	10	10	1.12	1.5	10	4.83	No	1.12 Thermal Discharging
SIP071	538	'436478745_/442033566'	3.33	3.33	3.33	0.06	0.17	3.33	1.71	No	0.06 Thermal Discharging
SIP071	539	'43261167_/43261169'	10	10	10	0.19	0.9	10	5.12	No	0.19 Thermal Discharging
SIP071	540	'3132709_/3132706'	10	10	10	1.12	1.5	10	4.83	No	1.12 Thermal Discharging
SIP071	541	'43260591_/3090301'	6.9	10	10	1.12	1.5	10	4.83	No	1.12 Thermal Discharging
SIP071	542	'130323025_/8506423_1'	3.33	3.33	3.33	0.37	0.3	3.33	1.61	No	0.3 Element Fault
SIP071	543	'3087074_/3087071'	3.33	3.33	3.33	0.03	0.2	3.33	1.71	No	0.03 Thermal Discharging
SIP071	544	'133584318_/130323037_1'	3.33	3.33	3.33	0.37	0.3	3.33	1.61	No	0.3 Element Fault
SIP071	545	'123182976_/130323059_1'	3.33	3.33	3.33	0.37	0.3	3.33	1.61	No	0.3 Element Fault
SIP071	546	'3087048_/3087058'	3.33	3.33	3.33	0.03	0.2	3.33	1.71	No	0.03 Thermal Discharging
SIP071	547	'330169152_/442033444'	3.33	3.33	3.33	0.06	0.17	3.33	1.71	No	0.06 Thermal Discharging
SIP071	548	'3090972_/3132689'	10	10	10	1.12	1.5	10	4.83	No	1.12 Thermal Discharging
SIP071	549	'3095438_/3095450'	6.67	6.67	6.67	0.06	0.3	6.67	3.41	No	0.06 Thermal Discharging
SIP071	550	'3094325_/3094322'	3.33	3.33	3.33	0.06	0.3	3.33	1.71	No	0.06 Thermal Discharging
SIP071	551	'3095297_/3095294_2'	6.67	6.67	6.67	0.06	0.1	6.67	3.41	No	0.06 Thermal Discharging
SIP071	552	'3087035_/3087045'	3.33	3.33	3.33	0.03	0.2	3.33	1.71	No	0.03 Thermal Discharging
SIP071	553	'3091475_/3099236'	3.33	3.33	3.33	0.37	0.5	3.33	1.61	No	0.37 Thermal Discharging
SIP071	554	'3091006_/43260775_2'	3.33	3.33	3.33	0.37	0.5	3.33	1.61	No	0.37 Thermal Discharging
SIP071	555	'3091316_/8506423_2'	3.33	3.33	3.33	0.37	0.3	3.33	1.61	No	0.3 Element Fault
SIP071	556	'414481760_/409347880'	3.33	3.33	3.33	0.37	0.5	3.33	1.61	No	0.37 Thermal Discharging
SIP071	557	'3091142_/8506423_3'	3.33	3.33	3.33	0.37	0.3	3.33	1.61	No	0.3 Element Fault
SIP071	558	'3090971_/3090969'	10	10	10	1.12	1.5	10	4.83	No	1.12 Thermal Discharging
SIP071	559	'43261153_/43261155'	10	10	10	0.19	0.9	10	5.12	No	0.19 Thermal Discharging
SIP071	560	'401441264_/401441176_1'	10	10	10	0.19	0.9	10	5.12	No	0.19 Thermal Discharging
SIP071	561	'8196608_/8196605'	3.33	3.33	3.33	0.37	1.07	3.33	1.61	No	0.37 Thermal Discharging
SIP071	562	'401441157_/401441176_2'	10	10	10	0.19	0.9	10	5.12	No	0.19 Thermal Discharging
SIP071	563	'3090334_/43260593'	4.9	10	10	1.12	1.5	10	4.83	No	1.12 Thermal Discharging
SIP071	564	'3091005_/43260775_1'	3.33	3.33	3.33	0.37	0.3	3.33	1.61	No	0.3 Element Fault
SIP071	565	'3090320_/3090318_1'	1.63	3.33	3.33	0.37	0.2	3.33	1.61	No	0.2 Element Fault
SIP071	566	'3090402_/3090399_2'	3.33	3.33	3.33	0.37	0.5	3.33	1.61	No	0.37 Thermal Discharging
SIP071	567	'9137880_/330169158'	3.33	3.33	3.33	0.06	0.17	3.33	1.71	No	0.06 Thermal Discharging
SIP071	568	'401441113_/401441202'	10	10	10	0.19	0.9	10	5.12	No	0.19 Thermal Discharging
SIP071	569	'43257920_/43257922'	3.33	3.33	3.33	0.03	0.2	3.33	1.71	No	0.03 Thermal Discharging
SIP071	570	'3095345_/3095342'	6.67	6.67	6.67	0.06	0.1	6.67	3.41	No	0.06 Thermal Discharging
SIP071	571	'43261610_/3095435'	6.67	6.67	6.67	0.06	0.3	6.67	3.41	No	0.06 Thermal Discharging
SIP071	572	'8823647_/401441117'	10	10	10	0.19	0.9	10	5.12	No	0.19 Thermal Discharging
SIP071	573	'3091141_/3091139'	3.33	3.33	3.33	0.37	0.3	3.33	1.61	No	0.3 Element Fault
SIP071	574	'3144251_/3144265'	10	10	10	1.12	1.5	10	4.83	No	1.12 Thermal Discharging
SIP071	575	'7245504_/130323037_2'	3.33	3.33	3.33	0.37	0.3	3.33	1.61	No	0.3 Element Fault
SIP071	576	'3090401_/3090399_1'	1.7	3.33	3.33	0.37	0.2	3.33	1.61	No	0.2 Element Fault
SIP071	577	'3144234_/3144248'	10	10	10	1.12	1.5	10	4.83	No	1.12 Thermal Discharging
SIP071	578	'3087034_/3087032'	3.33	3.33	3.33	0.03	0.2	3.33	1.71	No	0.03 Thermal Discharging
SIP071	579	'3095360_/3095357'	6.67	6.67	6.67	0.06	0.1	6.67	3.41	No	0.06 Thermal Discharging
SIP071	580	'3090415_/3090412'	4	10	10	1.12	1.5	10	4.83	No	1.12 Thermal Discharging
SIP071	581	'465407500_/468043085_1'	1.33	3.33	3.33	0.37	0.2	3.33	1.61	No	0.2 Element Fault
SIP071	582	'7873239_/362623067_2'	1.33	3.33	3.33	0.37	0.5	3.33	1.61	No	0.37 Thermal Discharging
SIP071	583	'3091155_/3091152'	3.33	3.33	3.33	0.37	0.3	3.33	1.61	No	0.3 Element Fault
SIP071	584	'3095408_/3095420'	6.67	6.67	6.67	0.06	0.3	6.67	3.41	No	0.06 Thermal Discharging
SIP071	585	'43260615_/3090318_2'	1.7	3.33	3.33	0.37	0.2	3.33	1.61	No	0.2 Element Fault
SIP071	586	'3091459_/3091472'	1.53	3.33	3.33	0.37	0.5	3.33	1.61	No	0.37 Thermal Discharging
SIP071	587	'3144233_/3144231'	5.9	10	10	1.12	1.5	10	4.83	No	1.12 Thermal Discharging
SIP071	588	'414481752_/130323059_2'	3.33	3.33	3.33	0.37	0.3	3.33	1.61	No	0.3 Element Fault
SIP071	589	'414481743_/414481749'	3.33	3.33	3.33	0.37	0.5	3.33	1.61	No	0.37 Thermal Discharging
SIP071	590	'414481744_/414481741'	3.33	3.33	3.33	0.37	0.5	3.33	1.61	No	0.37 Thermal Discharging
SIP071	591	'414481768_/414481765'	3.33	3.33	3.33	0.37	0.5	3.33	1.61	No	0.37 Thermal Discharging
SIP071	592	'121907825_/121907822'	5.4	10	10	1.12	1.5	10	4.83	No	1.12 Thermal Discharging
SIP071	593	'7563113_/7563110'	3.33	3.33	3.33	0.37	0.3	3.33	1.61	No	0.3 Element Fault
SIP071	594	'7245536_/414481846'	3.33	3.33	3.33	0.37	0.5	3.33	1.61	No	0.37 Thermal Discharging
SIP071	595	'3091445_/3091456'	1.43	3.33	3.33	0.37	0.5	3.33	1.61	No	0.37 Thermal Discharging
SIP071	596	'3091488_/3091485'	1.57	3.33	3.33	0.37	0.5	3.33	1.61	No	0.37 Thermal Discharging
SIP071	597	'3144285_/3144282_1'	5.1	10	10	1.12	0.9	10	4.83	No	0.9 Element Fault
SIP071	598	'7563195_/468043085_2'	1.33	3.33	3.33	0.37	0.2	3.33	1.61	No	0.2 Element Fault
SIP071	599	'43268938_/3144282_2'	5	10	10	1.12	0.9	10	4.83	No	0.9 Element Fault
SIP071	600	'43268925_/121907839'	4.9	10	10	1.12	1.5	10	4.83	No	1.12 Thermal Discharging
SIP071	601	'3095390_/3095405'	3.8	6.67	6.67	0.06	0.3	6.67	3.41	No	0.06 Thermal Discharging
SIP071	602	'43260784_/3091230'	3.4	10	10	1.12	1.5	10	4.83	No	1.12 Thermal Discharging
SIP071	603	'3091233_/8195253_2'	3.3	10	10	1.12	1.5	10	4.83	No	1.12 Thermal Discharging
SIP071	604	'43260604_/3090442'	1.43	3.33	3.33	0.37	0.2	3.33	1.61	No	0.2 Element Fault
SIP071	605	'3091501_/3091498'	1.4	3.33	3.33	0.37	0.5	3.33	1.61	No	0.37 Thermal Discharging
SIP071	606	'43260830_/3091443'	1.27	3.33	3.33	0.37	0.5	3.33	1.61	No	0.37 Thermal Discharging
SIP071	607	'3144344_/3144342'	3.4	6.67	6.67	0.75	0.6	6.67	3.22	No	0.6 Element Fault
SIP071	608	'3091180_/3091165'	2.1	3.33	3.33	0.37	0.3	3.33	1.61	No	0.3 Element Fault
SIP071	609	'3095375_/3095387'	3.2	6.67	6.67	0.06	0.3	6.67	3.41	No	0.06 Thermal Discharging
SIP071	610	'7245535_/7245533'	2.37	3.33	3.33	0.37	0.5	3.33	1.61	No	0.37 Thermal Discharging
SIP071	611	'7563146_/9138349'	2.03	3.33	3.33	0.37	0.3	3.33	1.61	No	0.3 Element Fault

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SIP071	612	'3090347_/43260617'	1.37	3.33	3.33	0.37	0.2	3.33	1.61 No	0.2	Element Fault
SIP071	613	'3144307_/3144305'	4.3	10	10	1.12	1.5	10	4.83 No	1.12	Thermal Discharging
SIP071	614	'7246014_/7873763_1'	4.3	10	10	1.12	1.4	10	4.83 No	1.12	Thermal Discharging
SIP071	615	'8195256_/8195253_1'	3.1	10	10	1.12	0.2	10	4.83 No	0.2	Element Fault
SIP071	616	'3091207_/3091204'	1.9	3.33	3.33	0.37	0.3	3.33	1.61 No	0.3	Element Fault
SIP071	617	'3096710_/3096707'	1.3	3.33	3.33	0.37	0.5	3.33	1.61 No	0.37	Thermal Discharging
SIP071	618	'43268950_/43268952'	3.47	6.67	6.67	0.75	0.6	6.67	3.22 No	0.6	Element Fault
SIP071	619	'7873240_/362623067_1'	1.27	3.33	3.33	0.37	0.2	3.33	1.61 No	0.2	Element Fault
SIP071	620	'7873766_/7873763_2'	4	10	10	1.12	1.4	10	4.83 No	1.12	Thermal Discharging
SIP071	621	'3091446_/43260832'	1.17	3.33	3.33	0.37	0.3	3.33	1.61 No	0.3	Element Fault
SIP071	622	'3095374_/3095372'	2.73	6.67	6.67	0.06	0.3	6.67	3.41 No	0.06	Thermal Discharging
SIP071	623	'7563527_/396418883'	1.13	3.33	3.33	0.37	0.2	3.33	1.61 No	0.2	Element Fault
SIP071	624	'3090458_/43260606'	1.23	3.33	3.33	0.37	0.2	3.33	1.61 No	0.2	Element Fault
SIP071	625	'7245599_/7245597'	1.07	3.33	3.33	0.37	0.3	3.33	1.61 No	0.3	Element Fault
SIP071	626	'3090375_/3090357'	1.2	3.33	3.33	0.37	0.2	3.33	1.61 No	0.2	Element Fault
SIP071	627	'3091220_/3091217'	1.57	3.33	3.33	0.37	0.3	3.33	1.61 No	0.3	Element Fault
SIP071	628	'8195295_/8195293'	1.67	3.33	3.33	0.37	0.5	3.33	1.61 No	0.37	Thermal Discharging
SIP071	629	'7563147_/7563144'	1.5	3.33	3.33	0.37	0.3	3.33	1.61 No	0.3	Element Fault
SIP071	630	'43266394_/3144375'	2.93	6.67	6.67	0.75	0.6	6.67	3.22 No	0.6	Element Fault
SIP071	631	'3091181_/3091178'	1.47	3.33	3.33	0.37	0.3	3.33	1.61 No	0.3	Element Fault
SIP071	632	'7563275_/7563272'	1	3.33	3.33	0.37	0.3	3.33	1.61 No	0.3	Element Fault
SIP071	633	'7563542_/362623006'	1.1	3.33	3.33	0.37	0.2	3.33	1.61 No	0.2	Element Fault
SIP071	634	'7245400_/8195217'	1.1	3.33	3.33	0.37	0.5	3.33	1.61 No	0.37	Thermal Discharging
SIP071	635	'3090509_/3090507'	1.07	3.33	3.33	0.37	0.2	3.33	1.61 No	0.2	Element Fault
SIP071	636	'7245519_/8823564_1'	0.97	3.33	3.33	0.37	0.2	3.33	1.61 No	0.2	Element Fault
SIP071	637	'7563162_/8506439'	1.37	3.33	3.33	0.37	0.3	3.33	1.61 No	0.3	Element Fault
SIP071	638	'3090471_/3090468'	1.07	3.33	3.33	0.37	0.2	3.33	1.61 No	0.2	Element Fault
SIP071	639	'7245399_/7245397'	1.03	3.33	3.33	0.37	0.5	3.33	1.61 No	0.37	Thermal Discharging
SIP071	640	'3090376_/3090373'	1.03	3.33	3.33	0.37	0.2	3.33	1.61 No	0.2	Element Fault
SIP071	641	'7563511_/417378507'	0.97	3.33	3.33	0.37	0.2	3.33	1.61 No	0.2	Element Fault
SIP071	642	'57372136_/8195885'	0.9	3.33	3.33	0.37	0.3	3.33	1.61 No	0.3	Element Fault
SIP071	643	'3091255_/3117688'	2.47	6.67	6.67	0.75	0.6	6.67	3.22 No	0.6	Element Fault
SIP071	644	'74084037_/54207672_1'	0.73	3.33	3.33	0.37	0.2	3.33	1.61 No	0.2	Element Fault
SIP071	645	'8195375_/8195373'	0.87	3.33	3.33	0.37	0.3	3.33	1.61 No	0.3	Element Fault
SIP071	646	'7873160_/489284036'	1	3.33	3.33	0.37	0.5	3.33	1.61 No	0.37	Thermal Discharging
SIP071	647	'43260681_/3090818'	1	3.33	3.33	0.37	0.2	3.33	1.61 No	0.2	Element Fault
SIP071	648	'3090522_/3090481'	0.97	3.33	3.33	0.37	0.2	3.33	1.61 No	0.2	Element Fault
SIP071	649	'52838338_/3108650'	1.2	3.33	3.33	0.37	0.3	3.33	1.61 No	0.3	Element Fault
SIP071	650	'7245520_/362622974'	0.97	3.33	3.33	0.37	0.2	3.33	1.61 No	0.2	Element Fault
SIP071	651	'7563510_/7563508'	0.9	3.33	3.33	0.37	0.2	3.33	1.61 No	0.2	Element Fault
SIP071	652	'3090389_/3090386'	0.97	3.33	3.33	0.37	0.2	3.33	1.61 No	0.2	Element Fault
SIP071	653	'3097503_/52838321'	1.13	3.33	3.33	0.37	0.3	3.33	1.61 No	0.3	Element Fault
SIP071	654	'3091256_/3091253'	2.2	6.67	6.67	0.75	0.6	6.67	3.22 No	0.6	Element Fault
SIP071	655	'3097529_/3097539_1'	1.13	3.33	3.33	0.37	0.1	3.33	1.61 No	0.1	Element Fault
SIP071	656	'387025642_/3097539_2'	1.1	3.33	3.33	0.37	0.1	3.33	1.61 No	0.1	Element Fault
SIP071	657	'9138498_/9453746'	0.8	3.33	3.33	0.37	0.3	3.33	1.61 No	0.3	Element Fault
SIP071	658	'387025719_/387025699_1'	1.1	3.33	3.33	0.37	0.1	3.33	1.61 No	0.1	Element Fault
SIP071	659	'76194990_/43260683_1'	0.9	3.33	3.33	0.37	0.2	3.33	1.61 No	0.2	Element Fault
SIP071	660	'3097490_/3097500'	1.1	3.33	3.33	0.37	0.3	3.33	1.61 No	0.3	Element Fault
SIP071	661	'43260567_/3108634'	1.07	3.33	3.33	0.37	0.3	3.33	1.61 No	0.3	Element Fault
SIP071	662	'43260692_/3090520'	0.87	3.33	3.33	0.37	0.2	3.33	1.61 No	0.2	Element Fault
SIP071	663	'489284318_/489283948_1'	0.87	3.33	3.33	0.37	0.5	3.33	1.61 No	0.37	Thermal Discharging
SIP071	664	'43260716_/3091268'	2	6.67	6.67	0.75	0.6	6.67	3.22 No	0.6	Element Fault
SIP071	665	'387025680_/387025699_2'	1.03	3.33	3.33	0.37	0.1	3.33	1.61 No	0.1	Element Fault
SIP071	666	'3097542_/387025646'	1.03	3.33	3.33	0.37	0.1	3.33	1.61 No	0.1	Element Fault
SIP071	667	'3091332_/43260569'	1	3.33	3.33	0.37	0.3	3.33	1.61 No	0.3	Element Fault
SIP071	668	'3090536_/43260694'	0.83	3.33	3.33	0.37	0.2	3.33	1.61 No	0.2	Element Fault
SIP071	669	'3097489_/3097487_1'	0.97	3.33	3.33	0.37	0.1	3.33	1.61 No	0.1	Element Fault
SIP071	670	'43262966_/3097487_2'	0.97	3.33	3.33	0.37	0.1	3.33	1.61 No	0.1	Element Fault
SIP071	671	'43260728_/3091283'	1.87	6.67	6.67	0.75	0.6	6.67	3.22 No	0.6	Element Fault
SIP071	672	'43260762_/43260764'	0.93	3.33	3.33	0.37	0.3	3.33	1.61 No	0.3	Element Fault
SIP071	673	'7563179_/468043051'	0.73	3.33	3.33	0.37	0.2	3.33	1.61 No	0.2	Element Fault
SIP071	674	'3091129_/3091126_2'	0.93	3.33	3.33	0.37	0.3	3.33	1.61 No	0.3	Element Fault
SIP071	675	'3090549_/3090546'	0.77	3.33	3.33	0.37	0.2	3.33	1.61 No	0.2	Element Fault
SIP071	676	'3097555_/3097552'	0.9	3.33	3.33	0.37	0.1	3.33	1.61 No	0.1	Element Fault
SIP071	677	'3097464_/3097474'	0.9	3.33	3.33	0.37	0.1	3.33	1.61 No	0.1	Element Fault
SIP071	678	'3090562_/3090559'	0.77	3.33	3.33	0.37	0.2	3.33	1.61 No	0.2	Element Fault
SIP071	679	'3091301_/43260730'	1.67	6.67	6.67	0.75	0.6	6.67	3.22 No	0.6	Element Fault
SIP071	680	'3091090_/3091126_1'	0.87	3.33	3.33	0.37	0.1	3.33	1.61 No	0.1	Element Fault
SIP071	681	'43262955_/3097461'	0.83	3.33	3.33	0.37	0.1	3.33	1.61 No	0.1	Element Fault
SIP071	682	'3091102_/3091100'	0.83	3.33	3.33	0.37	0.1	3.33	1.61 No	0.1	Element Fault
SIP071	683	'3097568_/3097565'	0.83	3.33	3.33	0.37	0.1	3.33	1.61 No	0.1	Element Fault
SIP071	684	'43260751_/43260753'	0.8	3.33	3.33	0.37	0.1	3.33	1.61 No	0.1	Element Fault
SIP071	685	'258965546_/258965543'	0.8	3.33	3.33	0.37	0.1	3.33	1.61 No	0.1	Element Fault
SIP071	686	'3097438_/3097448'	0.77	3.33	3.33	0.37	0.1	3.33	1.61 No	0.1	Element Fault
SIP071	687	'3130427_/3130443'	1.47	6.67	6.67	0.75	0.6	6.67	3.22 No	0.6	Element Fault
SIP071	688	'49806362_/3130425_1'	1.47	6.67	6.67	0.75	0.6	6.67	3.22 No	0.6	Element Fault
SIP071	689	'43260556_/3091113'	0.77	3.33	3.33	0.37	0.1	3.33	1.61 No	0.1	Element Fault
SIP071	690	'49806381_/9455480_2'	1.47	6.67	6.67	0.75	0.6	6.67	3.22 No	0.6	Element Fault
SIP071	691	'3091064_/3091074'	0.77	3.33	3.33	0.37	0.1	3.33	1.61 No	0.1	Element Fault
SIP071	692	'3097398_/3097435'	0.73	3.33	3.33	0.37	0.1	3.33	1.61 No	0.1	Element Fault
SIP071	693	'3097580_/3130425_2'	1.4	6.67	6.67	0.75	0.6	6.67	3.22 No	0.6	Element Fault
SIP071	694	'43260740_/43260742'	0.7	3.33	3.33	0.37	0.1	3.33	1.61 No	0.1	Element Fault
SIP071	695	'3161971_/3161969'	0.7	3.33	3.33	0.37	0.1	3.33	1.61 No	0.1	Element Fault
SIP071	696	'3097370_/3097383'	0.7	3.33	3.33	0.37	0.1	3.33	1.61 No	0.1	Element Fault
SIP071	697	'9455483_/9455480_1'	1.33	6.67	6.67	0.75	0.3	6.67	3.22 No	0.3	Element Fault
SIP071	698	'3097399_/3097396'	0.7	3.33	3.33	0.37	0.1	3.33	1.61 No	0.1	Element Fault
SIP071	699	'3097581_/3097578'	1.33	6.67	6.67	0.75	0.6	6.67	3.22 No	0.6	Element Fault
SIP071	700	'3161985_/3161982'	0.7	3.33	3.33	0.37	0.1	3.33	1.61 No	0.1	Element Fault
SIP071	701	'3091035_/3091045'	0.67	3.33	3.33	0.37	0.1	3.33	1.61 No	0.1	Element Fault
SIP071	702	'43262944_/3097409'	0.67	3.33	3.33	0.37	0.1	3.33	1.61 No	0.1	Element Fault
SIP071	703	'3097412_/387025857_1'	0.67	3.33	3.33	0.37	0.1	3.33	1.61 No	0.1	Element Fault
SIP071	704	'3161998_/3161995'	0.67	3.33	3.33	0.37	0.1	3.33	1.61 No	0.1	Element Fault
SIP071	705	'3097357_/3097367'	0.67	3.33	3.33	0.37	0.1	3.33	1.61 No	0.1	Element Fault

Feeder Name	Feeder ID	Node	Primary Over- Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SIP071	706	'368339730_/3162034'	1.27	6.67	6.67	0.75	0.6	6.67	3.22 No	0.6	Element Fault
SIP071	707	'3091034_/3091032'	0.63	3.33	3.33	0.37	0.1	3.33	1.61 No	0.1	Element Fault
SIP071	708	'3162024_/3162021'	0.63	3.33	3.33	0.37	0.1	3.33	1.61 No	0.1	Element Fault
SIP071	709	'3162011_/3162008'	0.63	3.33	3.33	0.37	0.1	3.33	1.61 No	0.1	Element Fault
SIP071	710	'8823667_/387025857_2'	0.63	3.33	3.33	0.37	0.1	3.33	1.61 No	0.1	Element Fault
SIP071	711	'43262933_/43262935'	0.6	3.33	3.33	0.37	0.1	3.33	1.61 No	0.1	Element Fault
SIP071	712	'387025590_/387025609'	0.6	3.33	3.33	0.37	0.1	3.33	1.61 No	0.1	Element Fault
SIP071	713	'3097356_/3097354'	0.57	3.33	3.33	0.37	0.1	3.3	1.61 No	0.1	Element Fault
SIP072	0	'SIP072_/427966593'	10	10	10	1	10	10	10 No	1	Thermal Discharging
SIP072	1	'427158215_/427966593'	10	10	10	1	10	10	2.13 No	1	Thermal Discharging
SIP072	2	'427967022_/427966894'	10	10	10	1	10	10	2.13 No	1	Thermal Discharging
SIP072	3	'8825133_/427967029'	10	10	10	1	10	10	2.13 No	1	Thermal Discharging
SIP072	4	'427158161_/427966926'	10	10	10	1	10	10	2.12 No	1	Thermal Discharging
SIP072	5	'427967311_/427967158_1'	10	10	10	1	10	10	2.12 No	1	Thermal Discharging
SIP072	6	'446353243_/7561404_1'	10	10	10	1	10	10	2.12 No	1	Thermal Discharging
SIP072	7	'3143026_/3150403_2'	10	10	10	1	10	10	2.12 No	1	Thermal Discharging
SIP072	8	'43262264_/3150403_1'	10	10	10	1	10	10	2.12 No	1	Thermal Discharging
SIP072	9	'427966666_/7561404_2'	10	10	10	1	10	10	2.12 No	1	Thermal Discharging
SIP072	10	'427966635_/427966663'	10	10	10	1	10	10	2.12 No	1	Thermal Discharging
SIP072	11	'3143027_/43262266'	10	10	10	1	10	10	2.12 No	1	Thermal Discharging
SIP072	12	'3147250_/3147273_1'	3.33	3.33	3.33	0.33	0.4	3.33	0.71 No	0.33	Thermal Discharging
SIP072	13	'3143047_/3143044'	10	10	10	1	10	10	2.12 No	1	Thermal Discharging
SIP072	14	'3143067_/3143064'	10	10	10	1	10	10	2.12 No	1	Thermal Discharging
SIP072	15	'43262251_/3143081'	10	10	10	1	10	10	2.11 No	1	Thermal Discharging
SIP072	16	'3147291_/3147289_1'	3.33	3.33	3.33	0.33	0.4	3.33	0.71 No	0.33	Thermal Discharging
SIP072	17	'3143101_/43262253'	10	10	10	1	10	10	2.11 No	1	Thermal Discharging
SIP072	18	'358034421_/3143115'	10	10	10	1	10	10	2.11 No	1	Thermal Discharging
SIP072	19	'358034543_/358034141_1'	10	10	10	1	1.4	10	2.11 No	1	Thermal Discharging
SIP072	20	'3143135_/3143132'	10	10	10	1	10	10	2.11 No	1	Thermal Discharging
SIP072	21	'3147262_/3147273_2'	3.33	3.33	3.33	0.33	0.4	3.33	0.71 No	0.33	Thermal Discharging
SIP072	22	'43262238_/3143149'	10	10	10	1	10	10	2.11 No	1	Thermal Discharging
SIP072	23	'3143169_/43262240'	10	10	10	1	10	10	2.11 No	1	Thermal Discharging
SIP072	24	'3143168_/3143166'	10	10	10	1	10	10	2.11 No	1	Thermal Discharging
SIP072	25	'7561215_/9139821_1'	3.33	3.33	3.33	0.33	0.4	3.33	0.7 No	0.33	Thermal Discharging
SIP072	26	'3143185_/3150423'	10	10	10	1	10	10	2.1 No	1	Thermal Discharging
SIP072	27	'358034433_/358034141_2'	10	10	10	1	1.4	10	2.11 No	1	Thermal Discharging
SIP072	28	'3097138_/358034176'	10	10	10	1	1.4	10	2.11 No	1	Thermal Discharging
SIP072	29	'3143186_/3143183'	10	10	10	1	10	10	2.1 No	1	Thermal Discharging
SIP072	30	'3147263_/3147260'	3.33	3.33	3.33	0.33	0.4	3.33	0.7 No	0.33	Thermal Discharging
SIP072	31	'3147292_/3147289_2'	3.33	3.33	3.33	0.33	0.4	3.33	0.7 No	0.33	Thermal Discharging
SIP072	32	'3147473_/3147487_1'	10	10	10	1	1.4	10	2.1 No	1	Thermal Discharging
SIP072	33	'3143203_/3143200'	10	10	10	1	10	10	2.1 No	1	Thermal Discharging
SIP072	34	'358034614_/43262385_1'	3.33	3.33	3.33	0.33	0.1	3.33	0.7 No	0.1	Element Fault
SIP072	35	'43262187_/3143217'	10	10	10	1	10	10	2.1 No	1	Thermal Discharging
SIP072	36	'357682296_/358034221'	10	10	10	1	1.4	10	2.1 No	1	Thermal Discharging
SIP072	37	'3143236_/43262189'	10	10	10	1	10	10	2.1 No	1	Thermal Discharging
SIP072	38	'43262163_/3143234'	10	10	10	1	10	10	2.1 No	1	Thermal Discharging
SIP072	39	'3147799_/3147797_1'	3.33	3.33	3.33	0.33	0.4	3.33	0.7 No	0.33	Thermal Discharging
SIP072	40	'3143237_/7874649_1'	10	10	10	1	10	10	2.1 No	1	Thermal Discharging
SIP072	41	'3097167_/358034248'	10	10	10	1	1.4	10	2.1 No	1	Thermal Discharging
SIP072	42	'3147490_/3147487_2'	10	10	10	1	1.4	10	2.1 No	1	Thermal Discharging
SIP072	43	'3097180_/358034287'	10	10	10	1	1.4	10	2.1 No	1	Thermal Discharging
SIP072	44	'3147305_/3147302'	3.33	3.33	3.33	0.33	0.4	3.33	0.7 No	0.33	Thermal Discharging
SIP072	45	'3147800_/3147797_2'	3.33	3.33	3.33	0.33	0.4	3.33	0.7 No	0.33	Thermal Discharging
SIP072	46	'358034666_/358034761_1'	3.33	3.33	3.33	0.33	0.1	3.33	0.7 No	0.1	Element Fault
SIP072	47	'7874563_/9139821_2'	3.33	3.33	3.33	0.33	0.4	3.33	0.7 No	0.33	Thermal Discharging
SIP072	48	'7246796_/7874649_2'	10	10	10	1	10	10	2.09 No	1	Thermal Discharging
SIP072	49	'3154853_/7874649_3'	10	10	10	1	10	10	2.09 No	1	Thermal Discharging
SIP072	50	'358034314_/358034311'	10	10	10	1	1.4	10	2.1 No	1	Thermal Discharging
SIP072	51	'43269441_/3154851'	10	10	10	1	10	10	2.09 No	1	Thermal Discharging
SIP072	52	'9696132_/43269443_1'	10	10	10	1	10	10	2.09 No	1	Thermal Discharging
SIP072	53	'3154819_/43269443_2'	10	10	10	1	10	10	2.09 No	1	Thermal Discharging
SIP072	54	'8756436_/8756434_1'	10	10	10	1	1.6	10	2.09 No	1	Thermal Discharging
SIP072	55	'43268144_/3154817'	10	10	10	1	10	10	2.09 No	1	Thermal Discharging
SIP072	56	'43268157_/43268146'	10	10	10	1	10	10	2.09 No	1	Thermal Discharging
SIP072	57	'3097151_/43262385_2'	3.33	3.33	3.33	0.33	0.1	3.33	0.7 No	0.1	Element Fault
SIP072	58	'3150923_/43268159'	10	10	10	1	10	10	2.09 No	1	Thermal Discharging
SIP072	59	'358034338_/358034335'	10	10	10	1	1.4	10	2.1 No	1	Thermal Discharging
SIP072	60	'7874564_/7874561'	3.33	3.33	3.33	0.33	0.4	3.33	0.7 No	0.33	Thermal Discharging
SIP072	61	'689495803_/689495721_3'	10	10	10	1	1.4	10	2.1 No	1	Thermal Discharging
SIP072	62	'3150924_/3150921'	10	10	10	1	10	10	2.08 No	1	Thermal Discharging
SIP072	63	'3150944_/3150941'	10	10	10	1	10	10	2.08 No	1	Thermal Discharging
SIP072	64	'3150961_/3150958'	10	10	10	1	10	10	2.08 No	1	Thermal Discharging
SIP072	65	'358034764_/358034761_2'	3.33	3.33	3.33	0.33	0.1	3.33	0.7 No	0.1	Element Fault
SIP072	66	'358034360_/358034357'	10	10	10	1	1.4	10	2.09 No	1	Thermal Discharging
SIP072	67	'3162068_/3162066'	10	10	10	1	4.6	10	2.09 No	1	Thermal Discharging
SIP072	68	'3161065_/3161080'	10	10	10	1	10	10	2.08 No	1	Thermal Discharging
SIP072	69	'3162052_/3162086'	10	10	10	1	4.6	10	2.09 No	1	Thermal Discharging
SIP072	70	'3097238_/358034381'	10	10	10	1	1.4	10	2.09 No	1	Thermal Discharging
SIP072	71	'43262200_/3147507'	10	10	10	1	1.4	10	2.1 No	1	Thermal Discharging
SIP072	72	'74067210_/3148809'	3.33	3.33	3.33	0.33	0.4	3.33	0.7 No	0.33	Thermal Discharging
SIP072	73	'49982193_/3162049_2'	10	10	10	1	4.6	10	2.09 No	1	Thermal Discharging
SIP072	74	'43269236_/3161063'	10	10	10	1	10	10	2.08 No	1	Thermal Discharging
SIP072	75	'358034694_/3097248_1'	3.33	3.33	3.33	0.33	0.1	3.33	0.7 No	0.1	Element Fault
SIP072	76	'34588882_/8756434_2'	10	10	10	1	1.6	10	2.09 No	1	Thermal Discharging
SIP072	77	'387291829_/358034484_2'	10	10	10	1	1.4	10	2.09 No	1	Thermal Discharging
SIP072	78	'3150838_/43269238'	10	10	10	1	10	10	2.08 No	1	Thermal Discharging
SIP072	79	'3154891_/3162049_1'	10	10	10	1	1.5	10	2.09 No	1	Thermal Discharging
SIP072	80	'3150886_/3150992'	10	10	10	1	10	10	2.08 No	1	Thermal Discharging
SIP072	81	'9139919_/9139917_1'	10	10	10	1	0.9	10	2.09 No	0.9	Element Fault
SIP072	82	'3148796_/43262178'	3.33	3.33	3.33	0.33	0.3	3.33	0.7 No	0.3	Element Fault
SIP072	83	'3150887_/3150884'	10	10	10	1	10	10	2.08 No	1	Thermal Discharging
SIP072	84	'68990497_/3150904_1'	10	10	10	1	10	10	2.08 No	1	Thermal Discharging
SIP072	85	'3150818_/3150816_2'	10	10	10	1	3.1	10	2.08 No	1	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
											VSR (MW)	Limiting Threshold
SIP072	86	'3150869_/3150904_2'		10	10	10	1	10	10	2.08 No	1 Thermal Discharging	
SIP072	87	'422730281_/422730326'		10	10	10	1	4.5	10	2.08 No	1 Thermal Discharging	
SIP072	88	'9139920_/9139917_2'		10	10	10	1	0.9	10	2.08 No	0.9 Element Fault	
SIP072	89	'44058871_/3150867'		10	10	10	1	10	10	2.08 No	1 Thermal Discharging	
SIP072	90	'43268131_/3154888'		10	10	10	1	1.5	10	2.08 No	1 Thermal Discharging	
SIP072	91	'3147526_/43262202'		10	10	10	1	1.4	10	2.09 No	1 Thermal Discharging	
SIP072	92	'43262394_/3097248_2'	3.33	3.33	3.33	0.33	0.1	3.33	0.7 No	0.1 Element Fault		
SIP072	93	'3148487_/44058873'		10	10	10	1	10	10	2.08 No	1 Thermal Discharging	
SIP072	94	'9139808_/9139805'	3.33	3.33	3.33	0.33	0.3	3.33	0.69 No	0.3 Element Fault		
SIP072	95	'422730348_/422730345'		10	10	10	1	4.5	10	2.08 No	1 Thermal Discharging	
SIP072	96	'43268217_/3154956'		10	10	10	1	10	10	2.08 No	1 Thermal Discharging	
SIP072	97	'3154925_/3154922'		10	10	10	1	10	10	2.08 No	1 Thermal Discharging	
SIP072	98	'3148486_/43262539_2'		10	10	10	1	3.4	10	2.08 No	1 Thermal Discharging	
SIP072	99	'422730441_/422730413_1'		10	10	10	1	1.4	10	2.08 No	1 Thermal Discharging	
SIP072	100	'43268230_/3154993'		10	10	10	1	10	10	2.08 No	1 Thermal Discharging	
SIP072	101	'3149242_/3154939'		10	10	10	1	10	10	2.08 No	1 Thermal Discharging	
SIP072	102	'8756437_/44082035_1'		10	10	10	1	0.9	10	2.08 No	0.9 Element Fault	
SIP072	103	'422730394_/422730413_2'		10	10	10	1	1.4	10	2.08 No	1 Thermal Discharging	
SIP072	104	'3148410_/3149240'		10	10	10	1	10	10	2.08 No	1 Thermal Discharging	
SIP072	105	'3149260_/3149257'		10	10	10	1	10	10	2.08 No	1 Thermal Discharging	
SIP072	106	'3150795_/3150816_1'		10	10	10	1	1.4	10	2.08 No	1 Thermal Discharging	
SIP072	107	'410967899_/133583533_2'	3.33	3.33	3.33	0.33	1.5	3.33	0.69 No	0.33 Thermal Discharging		
SIP072	108	'3132392_/3148421_1'	3.33	3.33	3.33	0.33	0.4	3.33	0.69 No	0.33 Thermal Discharging		
SIP072	109	'3149277_/3149274'		10	10	10	1	10	10	2.08 No	1 Thermal Discharging	
SIP072	110	'3149294_/3149291'		10	10	10	1	10	10	2.08 No	1 Thermal Discharging	
SIP072	111	'3154803_/3154905'		10	10	10	1	1.5	10	2.08 No	1 Thermal Discharging	
SIP072	112	'43262537_/43262539_1'		10	10	10	1	1.5	10	2.08 No	1 Thermal Discharging	
SIP072	113	'3148343_/3149308'		10	10	10	1	10	10	2.08 No	1 Thermal Discharging	
SIP072	114	'43262550_/133583533_1'	3.33	3.33	3.33	0.33	0.5	3.33	0.69 No	0.33 Thermal Discharging		
SIP072	115	'3155197_/3155229'		10	10	10	1	10	10	2.08 No	1 Thermal Discharging	
SIP072	116	'3132408_/3148340_1'	6.67	6.67	6.67	0.67	1	6.67	1.39 No	0.67 Thermal Discharging		
SIP072	117	'3155198_/3155195'		10	10	10	1	10	10	2.08 No	1 Thermal Discharging	
SIP072	118	'3147527_/3147524'	6.67	6.67	6.67	0.67	0.93	6.67	1.39 No	0.67 Thermal Discharging		
SIP072	119	'3155126_/3155212'		10	10	10	1	10	10	2.08 No	1 Thermal Discharging	
SIP072	120	'3132407_/3148340_2'	6.67	6.67	6.67	0.67	1	6.67	1.39 No	0.67 Thermal Discharging		
SIP072	121	'3097263_/43262396'	3.33	3.33	3.33	0.33	0.1	3.33	0.69 No	0.1 Element Fault		
SIP072	122	'3148450_/3148464'		10	10	10	1	1.5	10	2.08 No	1 Thermal Discharging	
SIP072	123	'3149137_/3155246'		10	10	10	1	10	10	2.08 No	1 Thermal Discharging	
SIP072	124	'3149138_/3149135'		10	10	10	1	10	10	2.08 No	1 Thermal Discharging	
SIP072	125	'130263007_/3155123_2'		10	10	10	1	3.1	10	2.08 No	1 Thermal Discharging	
SIP072	126	'3149155_/3149152'		10	10	10	1	10	10	2.08 No	1 Thermal Discharging	
SIP072	127	'358034465_/358034484_1'		10	10	10	1	0.9	10	2.08 No	0.9 Element Fault	
SIP072	128	'43262479_/3149169'		10	10	10	1	10	10	2.08 No	1 Thermal Discharging	
SIP072	129	'43262660_/43262662'		10	10	10	1	1.5	10	2.08 No	1 Thermal Discharging	
SIP072	130	'3148385_/3148395'	3.33	3.33	3.33	0.33	0.5	3.33	0.69 No	0.33 Thermal Discharging		
SIP072	131	'43262637_/3148421_2'	3.33	3.33	3.33	0.33	0.4	3.33	0.69 No	0.33 Thermal Discharging		
SIP072	132	'3149188_/43262481'		10	10	10	1	10	10	2.08 No	1 Thermal Discharging	
SIP072	133	'3147545_/3147542'	6.67	6.67	6.67	0.67	0.93	6.67	1.39 No	0.67 Thermal Discharging		
SIP072	134	'3150796_/68990458'		10	10	10	1	1.4	10	2.08 No	1 Thermal Discharging	
SIP072	135	'3148310_/3148340_3'	6.67	6.67	6.67	0.67	1	6.67	1.39 No	0.67 Thermal Discharging		
SIP072	136	'3148967_/3149186'		10	10	10	1	10	10	2.08 No	1 Thermal Discharging	
SIP072	137	'43262466_/3148965'		10	10	10	1	10	10	2.08 No	1 Thermal Discharging	
SIP072	138	'3155109_/3155123_1'		10	10	10	1	1.4	10	2.08 No	1 Thermal Discharging	
SIP072	139	'43262514_/3132418'	3.33	3.33	3.33	0.33	0.5	3.33	0.69 No	0.33 Thermal Discharging		
SIP072	140	'3148984_/43262468'		10	10	10	1	10	10	2.08 No	1 Thermal Discharging	
SIP072	141	'3097264_/3097261'	3.33	3.33	3.33	0.33	0.1	3.33	0.69 No	0.1 Element Fault		
SIP072	142	'3148372_/3148382'	3.33	3.33	3.33	0.33	0.5	3.33	0.69 No	0.33 Thermal Discharging		
SIP072	143	'3148985_/3148982'		10	10	10	1	10	10	2.08 No	1 Thermal Discharging	
SIP072	144	'43262624_/3148447'		10	10	10	1	1.5	10	2.08 No	1 Thermal Discharging	
SIP072	145	'3149002_/3148999'		10	10	10	1	10	10	2.08 No	1 Thermal Discharging	
SIP072	146	'43262227_/3147557'	6.67	6.67	6.67	0.67	0.93	6.67	1.39 No	0.67 Thermal Discharging		
SIP072	147	'3155092_/3155106'		10	10	10	1	1.4	10	2.08 No	1 Thermal Discharging	
SIP072	148	'43262711_/3150854'	3.33	3.33	3.33	0.33	0.47	3.33	0.69 No	0.33 Thermal Discharging		
SIP072	149	'3149019_/3149016'		10	10	10	1	10	10	2.08 No	1 Thermal Discharging	
SIP072	150	'3148371_/3148369'	3.33	3.33	3.33	0.33	0.5	3.33	0.69 No	0.33 Thermal Discharging		
SIP072	151	'3149036_/3149033'		10	10	10	1	10	10	2.08 No	1 Thermal Discharging	
SIP072	152	'43262629_/43262626'		10	10	10	1	1.5	10	2.08 No	1 Thermal Discharging	
SIP072	153	'3149053_/3149050'		10	10	10	1	10	10	2.08 No	1 Thermal Discharging	
SIP072	154	'43262525_/43262527'	6.67	6.67	6.67	0.67	1	6.67	1.39 No	0.67 Thermal Discharging		
SIP072	155	'3148174_/3148822'		10	10	10	1	1.5	10	2.08 No	1 Thermal Discharging	
SIP072	156	'43262649_/43262639'	3.33	3.33	3.33	0.33	0.4	3.33	0.69 No	0.33 Thermal Discharging		
SIP072	157	'3149070_/3149067'		10	10	10	1	10	10	2.08 No	1 Thermal Discharging	
SIP072	158	'3149087_/3149084'		10	10	10	1	10	10	2.08 No	1 Thermal Discharging	
SIP072	159	'3148437_/7874545_1'	3.33	3.33	3.33	0.33	0.1	3.33	0.69 No	0.1 Element Fault		
SIP072	160	'3147578_/43262229'	3.33	3.33	3.33	0.33	0.47	3.33	0.69 No	0.33 Thermal Discharging		
SIP072	161	'43262453_/3149101'		10	10	10	1	10	10	2.08 No	1 Thermal Discharging	
SIP072	162	'3148151_/3148171'		10	10	10	1	1.5	10	2.08 No	1 Thermal Discharging	
SIP072	163	'3097302_/43262516'	3.33	3.33	3.33	0.33	0.5	3.33	0.69 No	0.33 Thermal Discharging		
SIP072	164	'43262440_/43262455'		10	10	10	1	10	10	2.08 No	1 Thermal Discharging	
SIP072	165	'3148194_/43262688'		10	10	10	1	1.5	10	2.08 No	1 Thermal Discharging	
SIP072	166	'3150857_/43262713'	3.33	3.33	3.33	0.33	0.47	3.33	0.69 No	0.33 Thermal Discharging		
SIP072	167	'3143009_/43262442'		10	10	10	1	10	10	2.08 No	1 Thermal Discharging	
SIP072	168	'7874548_/7874545_2'	3.33	3.33	3.33	0.33	0.1	3.33	0.69 No	0.1 Element Fault		
SIP072	169	'3143010_/3143007'		10	10	10	1	10	10	2.08 No	1 Thermal Discharging	
SIP072	170	'7246700_/7874613_1'	3.33	3.33	3.33	0.33	0.1	3.33	0.69 No	0.1 Element Fault		
SIP072	171	'3147591_/3147588'	3.33	3.33	3.33	0.33	0.47	3.33	0.69 No	0.33 Thermal Discharging		
SIP072	172	'3146740_/3146737'		10	10	10	1	10	10	2.08 No	1 Thermal Discharging	
SIP072	173	'3156097_/3156107'	3.33	3.33	3.33	0.33	0.5	3.33	0.69 No	0.33 Thermal Discharging		
SIP072	174	'43268254_/3155089'		10	10	10	1	1.4	10	2.08 No	1 Thermal Discharging	
SIP072	175	'3151730_/3151727'		10	10	10	1	10	10	2.08 No	1 Thermal Discharging	
SIP072	176	'3097303_/3097300'	3.33	3.33	3.33	0.33	0.5	3.33	0.69 No	0.33 Thermal Discharging		
SIP072	177	'3151746_/3151784'		10	10	10	1	10	10	2.08 No	1 Thermal Discharging	
SIP072	178	'3148099_/3148292'	6.67	6.67	6.67	0.67	1	6.67	1.39 No	0.67 Thermal Discharging		
SIP072	179	'43259061_/3151761'		10	10	10	1	10	10	2.08 No	1 Thermal Discharging	

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SIP072	180	'43264632_/3151744'		10	10	10	1	10	10	2.08 No	1 Thermal Discharging
SIP072	181	'3151824_/43264634'		10	10	10	1	10	10	2.08 No	1 Thermal Discharging
SIP072	182	'3155143_/3155160'		10	10	10	1	1.4	10	2.08 No	1 Thermal Discharging
SIP072	183	'3151841_/3151838'		10	10	10	1	10	10	2.08 No	1 Thermal Discharging
SIP072	184	'3148134_/3148148'		10	10	10	1	1.5	10	2.08 No	1 Thermal Discharging
SIP072	185	'3147604_/3147601'	3.33	3.33	3.33	0.33	0.47	3.33	0.69 No	0.33 Thermal Discharging	
SIP072	186	'3156084_/3156094'	3.33	3.33	3.33	0.33	0.5	3.33	0.69 No	0.33 Thermal Discharging	
SIP072	187	'3151858_/3151855'		10	10	10	1	10	10	2.08 No	1 Thermal Discharging
SIP072	188	'43264645_/3151872'		10	10	10	1	10	10	2.08 No	1 Thermal Discharging
SIP072	189	'7874616_/7874613_2'	3.33	3.33	3.33	0.33	0.1	3.33	0.69 No	0.1 Element Fault	
SIP072	190	'3151892_/43264647'		10	10	10	1	10	10	2.08 No	1 Thermal Discharging
SIP072	191	'3148114_/3148131_2'		10	10	10	1	1.5	10	2.08 No	1 Thermal Discharging
SIP072	192	'3151909_/3151906'		10	10	10	1	10	10	2.08 No	1 Thermal Discharging
SIP072	193	'3148113_/3148131_1'		10	10	10	1	0.9	10	2.08 No	0.9 Element Fault
SIP072	194	'3151926_/3151923'		10	10	10	1	10	10	2.08 No	1 Thermal Discharging
SIP072	195	'3155142_/3155140'		10	10	10	1	1.4	10	2.08 No	1 Thermal Discharging
SIP072	196	'3148098_/3148096'	6.67	6.67	6.67	0.67	1	6.67	1.39 No	0.67 Thermal Discharging	
SIP072	197	'43264658_/3151940'		10	10	10	1	10	10	2.08 No	1 Thermal Discharging
SIP072	198	'7513836_/7513834_1'		10	10	10	1	0.9	10	2.08 No	0.9 Element Fault
SIP072	199	'3122424_/3122422_1'		10	10	10	1	10	10	2.08 No	1 Thermal Discharging
SIP072	200	'3097316_/3097313'	3.33	3.33	3.33	0.33	0.5	3.33	0.69 No	0.33 Thermal Discharging	
SIP072	201	'43262561_/43262563'	3.33	3.33	3.33	0.33	0.5	3.33	0.69 No	0.33 Thermal Discharging	
SIP072	202	'3122425_/3122422_2'		10	10	10	1	10	10	2.08 No	1 Thermal Discharging
SIP072	203	'3154706_/3154723'		10	10	10	1	0.9	10	2.08 No	0.9 Element Fault
SIP072	204	'435304509_/435304506'	3.33	3.33	3.33	0.33	0.5	3.33	0.69 No	0.33 Thermal Discharging	
SIP072	205	'7874631_/7874629_1'		10	10	10	1	0.9	10	2.08 No	0.9 Element Fault
SIP072	206	'3122442_/3122439'		10	10	10	1	10	10	2.08 No	1 Thermal Discharging
SIP072	207	'435304563_/435304543_1'	3.33	3.33	3.33	0.33	0.3	3.33	0.69 No	0.3 Element Fault	
SIP072	208	'3147617_/3147614'	3.33	3.33	3.33	0.33	0.47	3.33	0.69 No	0.33 Thermal Discharging	
SIP072	209	'3122459_/3122456'		10	10	10	1	10	10	2.08 No	1 Thermal Discharging
SIP072	210	'7513837_/7513834_2'		10	10	10	1	0.9	10	2.08 No	0.9 Element Fault
SIP072	211	'7874632_/7874629_2'		10	10	10	1	0.9	10	2.08 No	0.9 Element Fault
SIP072	212	'3147159_/3154703'		10	10	10	1	0.9	10	2.08 No	0.9 Element Fault
SIP072	213	'3122387_/3122476'		10	10	10	1	10	10	2.08 No	1 Thermal Discharging
SIP072	214	'3097329_/3097326'	3.33	3.33	3.33	0.33	0.5	3.33	0.69 No	0.33 Thermal Discharging	
SIP072	215	'3122388_/3122385'		10	10	10	1	10	10	2.08 No	1 Thermal Discharging
SIP072	216	'43259999_/3122405'		10	10	10	1	10	10	2.08 No	1 Thermal Discharging
SIP072	217	'3109087_/43260001'		10	10	10	1	10	10	2.08 No	1 Thermal Discharging
SIP072	218	'3148080_/3148078'	6.67	6.67	6.67	0.67	1	6.67	1.39 No	0.67 Thermal Discharging	
SIP072	219	'3148266_/3148263'	3.33	3.33	3.33	0.33	0.5	3.33	0.69 No	0.33 Thermal Discharging	
SIP072	220	'3113272_/3113321'		10	10	10	1	10	10	2.08 No	1 Thermal Discharging
SIP072	221	'3147630_/3147627'	3.33	3.33	3.33	0.33	0.47	3.33	0.69 No	0.33 Thermal Discharging	
SIP072	222	'43259975_/3113270'		10	10	10	1	10	10	2.08 No	1 Thermal Discharging
SIP072	223	'3113290_/3113287'		10	10	10	1	10	10	2.08 No	1 Thermal Discharging
SIP072	224	'3098920_/3109071'		10	10	10	1	4.5	10	2.08 No	1 Thermal Discharging
SIP072	225	'3117085_/3117082'		10	10	10	1	10	10	2.08 No	1 Thermal Discharging
SIP072	226	'43262326_/43262328'	3.33	3.33	3.33	0.33	0.3	3.33	0.69 No	0.3 Element Fault	
SIP072	227	'349089393_/9453918_1'		10	10	10	1	1.4	10	2.08 No	1 Thermal Discharging
SIP072	228	'349089371_/3098918_1'	3.33	3.33	3.33	0.33	0.4	3.33	0.69 No	0.33 Thermal Discharging	
SIP072	229	'435304524_/435304543_2'	3.33	3.33	3.33	0.33	0.3	3.33	0.69 No	0.3 Element Fault	
SIP072	230	'3156055_/3156065'	3.33	3.33	3.33	0.33	0.5	3.33	0.69 No	0.33 Thermal Discharging	
SIP072	231	'3116687_/3117099'		10	10	10	1	10	10	2.08 No	1 Thermal Discharging
SIP072	232	'49166776_/8507449_2'	3.33	3.33	3.33	0.33	1.7	3.33	0.69 No	0.33 Thermal Discharging	
SIP072	233	'43262911_/3148276'	3.33	3.33	3.33	0.33	0.5	3.33	0.69 No	0.33 Thermal Discharging	
SIP072	234	'3098921_/3098918_2'	3.33	3.33	3.33	0.33	0.4	3.33	0.69 No	0.33 Thermal Discharging	
SIP072	235	'368426522_/3147640'	3.33	3.33	3.33	0.33	0.47	3.33	0.69 No	0.33 Thermal Discharging	
SIP072	236	'3147133_/3147143'	3.33	3.33	3.33	0.33	0.3	3.33	0.69 No	0.3 Element Fault	
SIP072	237	'3098934_/3098931'	3.33	3.33	3.33	0.33	0.4	3.33	0.69 No	0.33 Thermal Discharging	
SIP072	238	'3117403_/3117400'		10	10	10	1	3.8	10	2.08 No	1 Thermal Discharging
SIP072	239	'8195847_/8195845_1'		10	10	10	1	1.5	10	2.08 No	1 Thermal Discharging
SIP072	240	'3156054_/3156052'	3.33	3.33	3.33	0.33	0.5	3.33	0.69 No	0.33 Thermal Discharging	
SIP072	241	'3117385_/3117417'		10	10	10	1	3.8	10	2.08 No	1 Thermal Discharging
SIP072	242	'3148279_/43262913'	3.33	3.33	3.33	0.33	0.1	3.33	0.69 No	0.1 Element Fault	
SIP072	243	'3105591_/3105572'	3.33	3.33	3.33	0.33	0.4	3.33	0.69 No	0.33 Thermal Discharging	
SIP072	244	'3117386_/3117383'		10	10	10	1	3.8	10	2.08 No	1 Thermal Discharging
SIP072	245	'8195848_/8195845_2'		10	10	10	1	1.5	10	2.08 No	1 Thermal Discharging
SIP072	246	'3147119_/72448508'	3.33	3.33	3.33	0.33	0.3	3.33	0.69 No	0.3 Element Fault	
SIP072	247	'7217778_/3122531'		10	10	10	1	3.8	10	2.08 No	1 Thermal Discharging
SIP072	248	'7217779_/7560685_1'	3.33	3.33	3.33	0.33	0.4	3.33	0.69 No	0.33 Thermal Discharging	
SIP072	249	'9137943_/9137941_1'	3.33	3.33	3.33	0.33	0.4	3.33	0.69 No	0.33 Thermal Discharging	
SIP072	250	'3137508_/3137488'		10	10	10	1	3.8	10	2.08 No	1 Thermal Discharging
SIP072	251	'3083146_/3116685'		10	10	10	1	3.4	10	2.08 No	1 Thermal Discharging
SIP072	252	'8825097_/8825094'	3.33	3.33	3.33	0.33	0.1	3.33	0.69 No	0.1 Element Fault	
SIP072	253	'471828974_/8505875'		10	10	10	1	3.4	10	2.08 No	1 Thermal Discharging
SIP072	254	'8505877_/471828997_1'		10	10	10	1	0.9	10	2.08 No	0.9 Element Fault
SIP072	255	'119475115_/8824102_1'	3.33	3.33	3.33	0.33	0.2	3.33	0.69 No	0.2 Element Fault	
SIP072	256	'3137507_/3137505'		10	10	10	1	3.8	10	2.08 No	1 Thermal Discharging
SIP072	257	'3137561_/3137559'		10	10	10	1	3.8	10	2.08 No	1 Thermal Discharging
SIP072	258	'9058425_/9453918_2'		10	10	10	1	1.4	10	2.08 No	1 Thermal Discharging
SIP072	259	'8196439_/8507449_1'	3.33	3.33	3.33	0.33	0.5	3.33	0.69 No	0.33 Thermal Discharging	
SIP072	260	'3147091_/3147101'	3.33	3.33	3.33	0.33	0.3	3.33	0.69 No	0.3 Element Fault	
SIP072	261	'7562644_/9137941_2'	3.33	3.33	3.33	0.33	0.4	3.33	0.69 No	0.33 Thermal Discharging	
SIP072	262	'7874355_/9454728_2'	3.33	3.33	3.33	0.33	1.27	3.33	0.69 No	0.33 Thermal Discharging	
SIP072	263	'8505897_/8824102_2'	3.33	3.33	3.33	0.33	0.2	3.33	0.69 No	0.2 Element Fault	
SIP072	264	'52135936_/52135933'		10	10	10	1	3.8	10	2.08 No	1 Thermal Discharging
SIP072	265	'7874319_/471828997_2'		10	10	10	1	0.9	10	2.08 No	0.9 Element Fault
SIP072	266	'39451463_/39451468'		10	10	10	1	1.4	10	2.08 No	1 Thermal Discharging
SIP072	267	'52135971_/52135968'		10	10	10	1	3.8	10	2.08 No	1 Thermal Discharging
SIP072	268	'3147090_/3147088'	3.33	3.33	3.33	0.33	0.3	3.33	0.69 No	0.3 Element Fault	
SIP072	269	'3147172_/3147169'	3.33	3.33	3.33	0.33	0.3	3.33	0.69 No	0.3 Element Fault	
SIP072	270	'52135998_/52135995'		10	10	10	1	3.8	10	2.08 No	1 Thermal Discharging
SIP072	271	'8196440_/8196437'	3.33	3.33	3.33	0.33	0.5	3.33	0.69 No	0.33 Thermal Discharging	
SIP072	272	'3083147_/3083144'		10	10	10	1	3.4	10	2.08 No	1 Thermal Discharging
SIP072	273	'52136351_/52136315_2'	3.33	3.33	3.33	0.33	1.27	3.33	0.69 No	0.33 Thermal Discharging	

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SIP072	274	'69839505_/69839443_1'	3.33	3.33	3.33	0.33	0.4	3.33	0.69 No	0.33	Thermal Discharging
SIP072	275	'7560688_/7560685_2'	3.33	3.33	3.33	0.33	0.4	3.33	0.69 No	0.33	Thermal Discharging
SIP072	276	'52136057_/52136054'	10	10	10	1	3.8	10	2.08 No	1	Thermal Discharging
SIP072	277	'52136084_/52136081'	10	10	10	1	3.8	10	2.08 No	1	Thermal Discharging
SIP072	278	'52136416_/52136413'	10	10	10	1	3.8	10	2.08 No	1	Thermal Discharging
SIP072	279	'52136317_/52136315_1'	3.33	3.33	3.33	0.33	0.4	3.33	0.69 No	0.33	Thermal Discharging
SIP072	280	'52136186_/52136116'	10	10	10	1	3.8	10	2.08 No	1	Thermal Discharging
SIP072	281	'475332794_/7874317'	10	10	10	1	0.9	10	2.08 No	0.9	Element Fault
SIP072	282	'3147185_/3147182'	3.33	3.33	3.33	0.33	0.3	3.33	0.69 No	0.3	Element Fault
SIP072	283	'471887632_/475332816'	10	10	10	1	0.9	10	2.08 No	0.9	Element Fault
SIP072	284	'3083213_/7245137_2'	3.33	3.33	3.33	0.33	0.4	3.33	0.69 No	0.33	Thermal Discharging
SIP072	285	'3105031_/52136219'	10	10	10	1	3.8	10	2.08 No	1	Thermal Discharging
SIP072	286	'7874320_/471887654'	10	10	10	1	0.9	10	2.08 No	0.9	Element Fault
SIP072	287	'52136183_/52136189'	10	10	10	1	3.8	10	2.08 No	1	Thermal Discharging
SIP072	288	'3105032_/3105029'	10	10	10	1	3.8	10	2.08 No	1	Thermal Discharging
SIP072	289	'9058426_/9058423'	10	10	10	1	1.4	10	2.08 No	1	Thermal Discharging
SIP072	290	'52136476_/52136257_2'	3.33	3.33	3.33	0.33	1.27	3.33	0.69 No	0.33	Thermal Discharging
SIP072	291	'3105299_/3105297'	10	10	10	1	3.8	10	2.08 No	1	Thermal Discharging
SIP072	292	'3104697_/52136155'	10	10	10	1	3.8	10	2.08 No	1	Thermal Discharging
SIP072	293	'3113378_/3113392'	10	10	10	1	3.8	10	2.08 No	1	Thermal Discharging
SIP072	294	'8505914_/8505911'	3.33	3.33	3.33	0.33	0.4	3.33	0.69 No	0.33	Thermal Discharging
SIP072	295	'3106382_/3106380_1'	3.33	3.33	3.33	0.33	0.4	3.33	0.69 No	0.33	Thermal Discharging
SIP072	296	'3105051_/52136257_1'	3.33	3.33	3.33	0.33	0.4	3.33	0.69 No	0.33	Thermal Discharging
SIP072	297	'43264530_/3104694'	10	10	10	1	3.8	10	2.08 No	1	Thermal Discharging
SIP072	298	'3089278_/3113375'	10	10	10	1	3.8	10	2.08 No	1	Thermal Discharging
SIP072	299	'3104663_/3104677'	10	10	10	1	3.8	10	2.08 No	1	Thermal Discharging
SIP072	300	'43260262_/53628532'	10	10	10	1	3.8	10	2.08 No	1	Thermal Discharging
SIP072	301	'3104662_/3104660'	10	10	10	1	3.8	10	2.08 No	1	Thermal Discharging
SIP072	302	'8196423_/8824586'	3.33	3.33	3.33	0.33	0.5	3.33	0.69 No	0.33	Thermal Discharging
SIP072	303	'3083167_/3083164'	10	10	10	1	3.4	10	2.08 No	1	Thermal Discharging
SIP072	304	'7245123_/8505895'	3.33	3.33	3.33	0.33	0.2	3.33	0.69 No	0.2	Element Fault
SIP072	305	'3089223_/53628553'	10	10	10	1	3.8	10	2.08 No	1	Thermal Discharging
SIP072	306	'3147198_/3147195'	3.33	3.33	3.33	0.33	0.3	3.33	0.69 No	0.3	Element Fault
SIP072	307	'57642886_/3116184'	10	10	10	1	3.8	10	2.08 No	1	Thermal Discharging
SIP072	308	'43260249_/53628574'	10	10	10	1	3.8	10	2.08 No	1	Thermal Discharging
SIP072	309	'3105797_/3116167'	10	10	10	1	3.8	10	2.08 No	1	Thermal Discharging
SIP072	310	'57642992_/57642952_1'	3.33	3.33	3.33	0.33	0.5	3.33	0.69 No	0.33	Thermal Discharging
SIP072	311	'3089206_/53628595'	10	10	10	1	3.8	10	2.08 No	1	Thermal Discharging
SIP072	312	'9138794_/9454338'	3.33	3.33	3.33	0.33	0.4	3.33	0.69 No	0.33	Thermal Discharging
SIP072	313	'3083197_/3083194'	3.33	3.33	3.33	0.33	1.1	3.33	0.69 No	0.33	Thermal Discharging
SIP072	314	'7245124_/7245121'	3.33	3.33	3.33	0.33	0.2	3.33	0.69 No	0.2	Element Fault
SIP072	315	'3116116_/3116150'	10	10	10	1	3.8	10	2.08 No	1	Thermal Discharging
SIP072	316	'53628824_/53628616'	10	10	10	1	3.8	10	2.08 No	1	Thermal Discharging
SIP072	317	'8507527_/9454728_1'	3.33	3.33	3.33	0.33	0.1	3.33	0.69 No	0.1	Element Fault
SIP072	318	'3089171_/53628637'	10	10	10	1	3.8	10	2.08 No	1	Thermal Discharging
SIP072	319	'9139620_/9139617'	10	10	10	1	0.9	10	2.08 No	0.9	Element Fault
SIP072	320	'68990886_/43264843'	3.33	3.33	3.33	0.33	1.1	3.33	0.69 No	0.33	Thermal Discharging
SIP072	321	'3089170_/53628658'	10	10	10	1	3.8	10	2.08 No	1	Thermal Discharging
SIP072	322	'3105658_/3116113'	10	10	10	1	3.8	10	2.08 No	1	Thermal Discharging
SIP072	323	'3109044_/470542022_2'	3.33	3.33	3.33	0.33	1.1	3.33	0.69 No	0.33	Thermal Discharging
SIP072	324	'3089354_/53628680'	10	10	10	1	3.8	10	2.08 No	1	Thermal Discharging
SIP072	325	'53254872_/53255156'	10	10	10	1	3.8	10	2.08 No	1	Thermal Discharging
SIP072	326	'149976177_/3133595_1'	3.33	3.33	3.33	0.33	0.2	3.33	0.69 No	0.2	Element Fault
SIP072	327	'3116081_/3116096'	10	10	10	1	3.8	10	2.08 No	1	Thermal Discharging
SIP072	328	'53255187_/53254831_2'	3.33	3.33	3.33	0.33	1.27	3.33	0.69 No	0.33	Thermal Discharging
SIP072	329	'43264519_/3105656'	3.33	3.33	3.33	0.33	1.1	3.33	0.69 No	0.33	Thermal Discharging
SIP072	330	'3147214_/3147211'	2.23	3.33	3.33	0.33	0.3	3.33	0.69 No	0.3	Element Fault
SIP072	331	'8824572_/8196421'	3.33	3.33	3.33	0.33	0.5	3.33	0.69 No	0.33	Thermal Discharging
SIP072	332	'53254771_/53254780'	10	10	10	1	3.8	10	2.08 No	1	Thermal Discharging
SIP072	333	'3116065_/3116079'	10	10	10	1	3.8	10	2.08 No	1	Thermal Discharging
SIP072	334	'7562629_/7562626'	3.33	3.33	3.33	0.33	0.2	3.33	0.69 No	0.2	Element Fault
SIP072	335	'3106353_/3106380_2'	3.33	3.33	3.33	0.33	0.4	3.33	0.69 No	0.33	Thermal Discharging
SIP072	336	'3106273_/3106270'	3.33	3.33	3.33	0.33	0.4	3.33	0.69 No	0.33	Thermal Discharging
SIP072	337	'7245139_/7245137_1'	3.33	3.33	3.33	0.33	0.4	3.33	0.69 No	0.33	Thermal Discharging
SIP072	338	'52340306_/52340285_2'	3.33	3.33	3.33	0.33	1.27	3.33	0.69 No	0.33	Thermal Discharging
SIP072	339	'470542000_/470542022_1'	3.33	3.33	3.33	0.33	0.4	3.33	0.69 No	0.33	Thermal Discharging
SIP072	340	'3105659_/3105669_1'	3.33	3.33	3.33	0.33	0.4	3.33	0.69 No	0.33	Thermal Discharging
SIP072	341	'53254699_/53254747'	10	10	10	1	3.8	10	2.08 No	1	Thermal Discharging
SIP072	342	'3105603_/3116062'	10	10	10	1	3.8	10	2.08 No	1	Thermal Discharging
SIP072	343	'53254739_/53254718_1'	3.33	3.33	3.33	0.33	0.5	3.33	0.69 No	0.33	Thermal Discharging
SIP072	344	'53254638_/53254696'	10	10	10	1	3.8	10	2.08 No	1	Thermal Discharging
SIP072	345	'53254834_/53254831_1'	3.33	3.33	3.33	0.33	0.5	3.33	0.69 No	0.33	Thermal Discharging
SIP072	346	'414523195_/3105601_1'	3.33	3.33	3.33	0.33	0.4	3.33	0.69 No	0.33	Thermal Discharging
SIP072	347	'3105391_/3116042'	10	10	10	1	3.8	10	2.08 No	1	Thermal Discharging
SIP072	348	'53254884_/53254851_1'	3.33	3.33	3.33	0.33	0.3	3.33	0.69 No	0.3	Element Fault
SIP072	349	'53254616_/53254635'	10	10	10	1	3.8	10	2.08 No	1	Thermal Discharging
SIP072	350	'53255362_/53255316_2'	3.33	3.33	3.33	0.33	1.27	3.33	0.69 No	0.33	Thermal Discharging
SIP072	351	'69839274_/69839443_2'	3.33	3.33	3.33	0.33	0.4	3.33	0.69 No	0.33	Thermal Discharging
SIP072	352	'7245770_/69839271'	3.33	3.33	3.33	0.33	0.4	3.33	0.69 No	0.33	Thermal Discharging
SIP072	353	'7558389_/9453190'	3.33	3.33	3.33	0.33	0.4	3.33	0.69 No	0.33	Thermal Discharging
SIP072	354	'69839261_/69839265'	3.33	3.33	3.33	0.33	0.4	3.33	0.69 No	0.33	Thermal Discharging
SIP072	355	'69839250_/69839247'	3.33	3.33	3.33	0.33	0.4	3.33	0.69 No	0.33	Thermal Discharging
SIP072	356	'69839234_/69839231'	3.33	3.33	3.33	0.33	0.4	3.33	0.69 No	0.33	Thermal Discharging
SIP072	357	'57642945_/57642952_2'	3.33	3.33	3.33	0.33	0.5	3.33	0.69 No	0.33	Thermal Discharging
SIP072	358	'7558390_/9138791'	3.33	3.33	3.33	0.33	0.4	3.33	0.69 No	0.33	Thermal Discharging
SIP072	359	'419043285_/7558387_1'	3.33	3.33	3.33	0.33	0.4	3.33	0.69 No	0.33	Thermal Discharging
SIP072	360	'53254509_/53254613'	10	10	10	1	3.8	10	2.08 No	1	Thermal Discharging
SIP072	361	'3105109_/3105388'	10	10	10	1	3.8	10	2.08 No	1	Thermal Discharging
SIP072	362	'3133598_/3133595_2'	3.33	3.33	3.33	0.33	0.2	3.33	0.69 No	0.2	Element Fault
SIP072	363	'53254560_/53254534_1'	3.33	3.33	3.33	0.33	0.5	3.33	0.69 No	0.33	Thermal Discharging
SIP072	364	'3105092_/3105106'	10	10	10	1	3.8	10	2.08 No	1	Thermal Discharging
SIP072	365	'53254488_/53254506'	10	10	10	1	3.8	10	2.08 No	1	Thermal Discharging
SIP072	366	'53254956_/53254897'	3.33	3.33	3.33	0.33	0.5	3.33	0.69 No	0.33	Thermal Discharging
SIP072	367	'54078903_/54078809_1'	3.33	3.33	3.33	0.33	0.4	3.33	0.69 No	0.33	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over- Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SIP072	368	'71555587_/71555539'		10	10	10	1	3.8	10	2.08 No	1 Thermal Discharging
SIP072	369	'3106354_/3106351'	3.33		3.33	3.33	0.33	0.4	3.33	0.69 No	0.33 Thermal Discharging
SIP072	370	'3105091_/3105089'		10	10	10	1	3.8	10	2.08 No	1 Thermal Discharging
SIP072	371	'3106486_/3106484_1'	3.33		3.33	3.33	0.33	0.4	3.33	0.69 No	0.33 Thermal Discharging
SIP072	372	'3105672_/3105669_2'	3.33		3.33	3.33	0.33	0.4	3.33	0.69 No	0.33 Thermal Discharging
SIP072	373	'3105015_/3105123'		10	10	10	1	3.8	10	2.08 No	1 Thermal Discharging
SIP072	374	'154098591_/154098574_1'	3.33		3.33	3.33	0.33	0.4	3.33	0.69 No	0.33 Thermal Discharging
SIP072	375	'470541959_/470541983'	3.33		3.33	3.33	0.33	0.4	3.33	0.69 No	0.33 Thermal Discharging
SIP072	376	'53255054_/53254958_1'	3.33		3.33	3.33	0.33	0.3	3.33	0.69 No	0.3 Element Fault
SIP072	377	'3105014_/3105012'		10	10	10	1	3.8	10	2.08 No	1 Thermal Discharging
SIP072	378	'71555640_/71555602'		10	10	10	1	3.8	10	2.08 No	1 Thermal Discharging
SIP072	379	'54078812_/54078809_2'	3.33		3.33	3.33	0.33	0.4	3.33	0.69 No	0.33 Thermal Discharging
SIP072	380	'57643119_/57643116'	3.33		3.33	3.33	0.33	0.4	3.33	0.69 No	0.33 Thermal Discharging
SIP072	381	'53255225_/53254485_2'	6.67		6.67	6.67	0.67	2.1	6.67	1.39 No	0.67 Thermal Discharging
SIP072	382	'3105069_/3116130'		10	10	10	1	3.8	10	2.08 No	1 Thermal Discharging
SIP072	383	'49166869_/53254534_2'	3.33		3.33	3.33	0.33	0.5	3.33	0.69 No	0.33 Thermal Discharging
SIP072	384	'54078865_/54078841_1'	3.33		3.33	3.33	0.33	0.3	3.33	0.69 No	0.3 Element Fault
SIP072	385	'7245251_/53254718_2'	3.33		3.33	3.33	0.33	0.5	3.33	0.69 No	0.33 Thermal Discharging
SIP072	386	'52340278_/52340285_1'	3.33		3.33	3.33	0.33	0.4	3.33	0.69 No	0.33 Thermal Discharging
SIP072	387	'3105068_/3105066'		10	10	10	1	3.8	10	2.08 No	1 Thermal Discharging
SIP072	388	'37655408_/53254958_2'	3.33		3.33	3.33	0.33	0.3	3.33	0.69 No	0.3 Element Fault
SIP072	389	'37655373_/37655405'	3.33		3.33	3.33	0.33	0.3	3.33	0.69 No	0.3 Element Fault
SIP072	390	'37655366_/37655370'	3.33		3.33	3.33	0.33	0.3	3.33	0.69 No	0.3 Element Fault
SIP072	391	'37655380_/37655377'	3.33		3.33	3.33	0.33	0.3	3.33	0.69 No	0.3 Element Fault
SIP072	392	'37655394_/37655398'	3.33		3.33	3.33	0.33	0.3	3.33	0.69 No	0.3 Element Fault
SIP072	393	'3105604_/3105601_2'	3.33		3.33	3.33	0.33	0.4	3.33	0.69 No	0.33 Thermal Discharging
SIP072	394	'3105730_/3105740_1'	3.33		3.33	3.33	0.33	0.4	3.33	0.69 No	0.33 Thermal Discharging
SIP072	395	'3106367_/3106364'	3.33		3.33	3.33	0.33	0.4	3.33	0.69 No	0.33 Thermal Discharging
SIP072	396	'53255432_/53255017'	3.33		3.33	3.33	0.33	0.5	3.33	0.69 No	0.33 Thermal Discharging
SIP072	397	'8507528_/8507525'	3.33		3.33	3.33	0.33	0.1	3.33	0.69 No	0.1 Element Fault
SIP072	398	'3116011_/3116025'		10	10	10	1	3.8	10	2.08 No	1 Thermal Discharging
SIP072	399	'7873473_/7873471_1'	3.33		3.33	3.33	0.33	0.4	3.33	0.69 No	0.33 Thermal Discharging
SIP072	400	'53255044_/53254985_1'	3.33		3.33	3.33	0.33	0.3	3.33	0.69 No	0.3 Element Fault
SIP072	401	'3105716_/3116008'		10	10	10	1	3.8	10	2.08 No	1 Thermal Discharging
SIP072	402	'43264796_/3106283'	3.33		3.33	3.33	0.33	0.4	3.33	0.69 No	0.33 Thermal Discharging
SIP072	403	'7245235_/53255316_1'	3.33		3.33	3.33	0.33	0.5	3.33	0.69 No	0.33 Thermal Discharging
SIP072	404	'3105687_/3105685_1'	3.33		3.33	3.33	0.33	0.4	3.33	0.69 No	0.33 Thermal Discharging
SIP072	405	'43260225_/3133608'	3.33		3.33	3.33	0.33	0.2	3.33	0.69 No	0.2 Element Fault
SIP072	406	'761437362_/761437384'	3.33		3.33	3.33	0.33	0.4	3.33	0.69 No	0.33 Thermal Discharging
SIP072	407	'3117553_/3117570'		10	10	10	1	3.8	10	2.08 No	1 Thermal Discharging
SIP072	408	'8823755_/8823752'	3.33		3.33	3.33	0.33	0.4	3.33	0.69 No	0.33 Thermal Discharging
SIP072	409	'3089582_/3108877'	3.33		3.33	3.33	0.33	0.4	3.33	0.69 No	0.33 Thermal Discharging
SIP072	410	'3089037_/3116620'	3.33		3.33	3.33	0.33	0.5	3.33	0.69 No	0.33 Thermal Discharging
SIP072	411	'3088735_/53254485_1'	6.67		6.67	6.67	0.67	0.9	6.67	1.39 No	0.67 Thermal Discharging
SIP072	412	'3117530_/3117550'		10	10	10	1	3.8	10	2.08 No	1 Thermal Discharging
SIP072	413	'7562740_/53254851_2'	3.33		3.33	3.33	0.33	0.3	3.33	0.69 No	0.3 Element Fault
SIP072	414	'73685998_/53255380_1'	3.33		3.33	3.33	0.33	0.3	3.33	0.69 No	0.3 Element Fault
SIP072	415	'9138850_/9138847'	3.33		3.33	3.33	0.33	0.5	3.33	0.69 No	0.33 Thermal Discharging
SIP072	416	'3106487_/3106484_2'	3.33		3.33	3.33	0.33	0.4	3.33	0.69 No	0.33 Thermal Discharging
SIP072	417	'273791063_/273791065'	10		10	10	1	3.8	10	2.08 No	1 Thermal Discharging
SIP072	418	'73686012_/3088745_1'	3.33		3.33	3.33	0.33	0.3	3.33	0.69 No	0.3 Element Fault
SIP072	419	'711850000_/7873743_1'	10		10	10	1	3.1	10	2.08 No	1 Thermal Discharging
SIP072	420	'273791042_/3117638_1'	6.67		6.67	6.67	0.14	2.53	6.67	1.39 No	0.14 Thermal Discharging
SIP072	421	'3117484_/43266332'		10	10	10	1	3.8	10	2.08 No	1 Thermal Discharging
SIP072	422	'256545544_/43264798'	3.33		3.33	3.33	0.33	0.4	3.33	0.69 No	0.33 Thermal Discharging
SIP072	423	'3117498_/3117638_2'	6.67		6.67	6.67	0.14	2.53	6.67	1.39 No	0.14 Thermal Discharging
SIP072	424	'3105688_/3105685_2'	3.33		3.33	3.33	0.33	0.4	3.33	0.69 No	0.33 Thermal Discharging
SIP072	425	'535858569_/539712143_2'		10	10	10	1	3.8	10	2.08 No	1 Thermal Discharging
SIP072	426	'241427149_/241427154'	3.33		3.33	3.33	0.33	0.5	3.33	0.69 No	0.33 Thermal Discharging
SIP072	427	'43260275_/43260277'	3.33		3.33	3.33	0.33	0.4	3.33	0.69 No	0.33 Thermal Discharging
SIP072	428	'7245236_/7245233'	3.33		3.33	3.33	0.33	0.5	3.33	0.69 No	0.33 Thermal Discharging
SIP072	429	'7873474_/7873471_2'	3.33		3.33	3.33	0.33	0.4	3.33	0.69 No	0.33 Thermal Discharging
SIP072	430	'43264671_/3105643'	3.33		3.33	3.33	0.33	0.4	3.33	0.69 No	0.33 Thermal Discharging
SIP072	431	'3105704_/3105701'	3.33		3.33	3.33	0.33	0.4	3.33	0.69 No	0.33 Thermal Discharging
SIP072	432	'3089090_/3089087'	3.33		3.33	3.33	0.33	0.2	3.33	0.69 No	0.2 Element Fault
SIP072	433	'3088794_/3089035'	3.33		3.33	3.33	0.33	0.5	3.33	0.69 No	0.33 Thermal Discharging
SIP072	434	'7562725_/8823410'	3.33		3.33	3.33	0.33	0.5	3.33	0.69 No	0.33 Thermal Discharging
SIP072	435	'539712146_/539712143_1'		10	10	10	1	3.2	10	2.08 No	1 Thermal Discharging
SIP072	436	'3105743_/3105740_2'	3.33		3.33	3.33	0.33	0.4	3.33	0.69 No	0.33 Thermal Discharging
SIP072	437	'539712949_/539712842_1'	3.33		3.33	3.33	0.33	0.3	3.33	0.69 No	0.3 Element Fault
SIP072	438	'7873015_/53254985_2'	3.33		3.33	3.33	0.33	0.3	3.33	0.69 No	0.3 Element Fault
SIP072	439	'241427182_/241427219'	3.33		3.33	3.33	0.33	0.5	3.33	0.69 No	0.33 Thermal Discharging
SIP072	440	'539712164_/539712161'		10	10	10	1	3.2	10	2.08 No	1 Thermal Discharging
SIP072	441	'3088748_/3088745_2'	3.33		3.33	3.33	0.33	0.3	3.33	0.69 No	0.3 Element Fault
SIP072	442	'154098556_/154098574_2'	3.33		3.33	3.33	0.33	0.4	3.33	0.69 No	0.33 Thermal Discharging
SIP072	443	'761452908_/9453334'	3.33		3.33	3.33	0.33	0.3	3.33	0.69 No	0.3 Element Fault
SIP072	444	'55843496_/55843503'	3.33		3.33	3.33	0.33	0.4	3.33	0.69 No	0.33 Thermal Discharging
SIP072	445	'9454356_/9454354'	3.33		3.33	3.33	0.33	0.4	3.33	0.69 No	0.33 Thermal Discharging
SIP072	446	'7562741_/7562738'	3.33		3.33	3.33	0.33	0.3	3.33	0.69 No	0.3 Element Fault
SIP072	447	'55843597_/55843566_2'	3.33		3.33	3.33	0.33	0.4	3.33	0.69 No	0.33 Thermal Discharging
SIP072	448	'3117148_/3117145'	3.33		3.33	3.33	0.33	0.4	3.33	0.69 No	0.33 Thermal Discharging
SIP072	449	'8195732_/8506043'	3.33		3.33	3.33	0.33	0.5	3.33	0.69 No	0.33 Thermal Discharging
SIP072	450	'3106298_/154606089'	3.33		3.33	3.33	0.33	0.4	3.33	0.69 No	0.33 Thermal Discharging
SIP072	451	'55994109_/55843566_1'	3.33		3.33	3.33	0.33	0.3	3.33	0.69 No	0.3 Element Fault
SIP072	452	'3105617_/3105614'	3.33		3.33	3.33	0.33	0.4	3.33	0.69 No	0.33 Thermal Discharging
SIP072	453	'3089103_/3089100'	3.33		3.33	3.33	0.33	0.2	3.33	0.69 No	0.2 Element Fault
SIP072	454	'241427112_/241427201'	3.33		3.33	3.33	0.33	0.5	3.33	0.69 No	0.33 Thermal Discharging
SIP072	455	'539712845_/539712842_2'	3.33		3.33	3.33	0.33	0.3	3.33	0.69 No	0.3 Element Fault
SIP072	456	'3088795_/3088792'	3.33		3.33	3.33	0.33	0.5	3.33	0.69 No	0.33 Thermal Discharging
SIP072	457	'3089328_/3089338'	3.33		3.33	3.33	0.33	0.4	3.33	0.69 No	0.33 Thermal Discharging
SIP072	458	'116322070_/54078841_2'	3.33		3.33	3.33	0.33	0.3	3.33	0.69 No	0.3 Element Fault
SIP072	459	'539712182_/539712179'		10	10	10	1	3.2	10	2.08 No	1 Thermal Discharging
SIP072	460	'43264977_/3117496'	6.67		6.67	6.67	0.14	2.2	6.67	1.39 No	0.14 Thermal Discharging
SIP072	461	'53255383_/53255380_2'	3.33		3.33	3.33	0.33	0.3	3.33	0.69 No	0.3 Element Fault

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
											VSR (MW)	Limiting Threshold
SIP072	462	'43260180_/_43260182'		3.33	3.33	3.33	0.33	0.5	3.33	0.69 No	0.33	Thermal Discharging
SIP072	463	'3088720_/_3088717'		6.67	6.67	6.67	0.67	0.9	6.67	1.39 No	0.67	Thermal Discharging
SIP072	464	'9453337_/_761452930'		3.33	3.33	3.33	0.33	0.3	3.33	0.69 No	0.3	Element Fault
SIP072	465	'614148348_/_539712234'		10	10	10	1	3.2	10	2.08 No	1	Thermal Discharging
SIP072	466	'3105630_/_3105627'		3.33	3.33	3.33	0.33	0.4	3.33	0.69 No	0.33	Thermal Discharging
SIP072	467	'55843620_/_55843617'		3.33	3.33	3.33	0.33	0.3	3.33	0.69 No	0.3	Element Fault
SIP072	468	'3089116_/_3089113'		3.33	3.33	3.33	0.33	0.2	3.33	0.69 No	0.2	Element Fault
SIP072	469	'539712861_/_539712858'		3.33	3.33	3.33	0.33	0.3	3.33	0.69 No	0.3	Element Fault
SIP072	470	'539713153_/_614148352'		10	10	10	1	3.2	10	2.08 No	1	Thermal Discharging
SIP072	471	'539713256_/_539712251'		10	10	10	1	3.2	10	2.08 No	1	Thermal Discharging
SIP072	472	'3106499_/_3117174'		3.33	3.33	3.33	0.33	0.4	3.33	0.69 No	0.33	Thermal Discharging
SIP072	473	'3105759_/_3105756'		3.33	3.33	3.33	0.33	0.4	3.33	0.69 No	0.33	Thermal Discharging
SIP072	474	'3105772_/_3105769'		3.33	3.33	3.33	0.33	0.4	3.33	0.69 No	0.33	Thermal Discharging
SIP072	475	'57642912_/_57643023'		3.33	3.33	3.33	0.33	0.5	3.33	0.69 No	0.33	Thermal Discharging
SIP072	476	'3088808_/_3088805'		3.33	3.33	3.33	0.33	0.5	3.33	0.69 No	0.33	Thermal Discharging
SIP072	477	'3089025_/_3089048'		3.33	3.33	3.33	0.33	0.5	3.33	0.69 No	0.33	Thermal Discharging
SIP072	478	'3089315_/_3089325'		3.33	3.33	3.33	0.33	0.4	3.33	0.69 No	0.33	Thermal Discharging
SIP072	479	'8506078_/_8506075'		3.33	3.33	3.33	0.33	0.3	3.33	0.69 No	0.3	Element Fault
SIP072	480	'3106327_/_3106325'		3.33	3.33	3.33	0.33	0.4	3.33	0.69 No	0.33	Thermal Discharging
SIP072	481	'43264807_/_3106309'		3.33	3.33	3.33	0.33	0.4	3.33	0.69 No	0.33	Thermal Discharging
SIP072	482	'3089607_/_3089605'		6.67	6.67	6.67	0.67	0.9	6.67	1.39 No	0.67	Thermal Discharging
SIP072	483	'3088833_/_3088831'		3.33	3.33	3.33	0.33	0.5	3.33	0.69 No	0.33	Thermal Discharging
SIP072	484	'3089129_/_3089126'		3.33	3.33	3.33	0.33	0.2	3.33	0.69 No	0.2	Element Fault
SIP072	485	'539712877_/_539712874'		3.33	3.33	3.33	0.33	0.3	3.33	0.69 No	0.3	Element Fault
SIP072	486	'3089012_/_3089022'		3.33	3.33	3.33	0.33	0.5	3.33	0.69 No	0.33	Thermal Discharging
SIP072	487	'7562724_/_7562722'		3.33	3.33	3.33	0.33	0.5	3.33	0.69 No	0.33	Thermal Discharging
SIP072	488	'3105785_/_3105782'		3.33	3.33	3.33	0.33	0.4	3.33	0.69 No	0.33	Thermal Discharging
SIP072	489	'7873637_/_8195729'		3.33	3.33	3.33	0.33	0.5	3.33	0.69 No	0.33	Thermal Discharging
SIP072	490	'7873016_/_7873013'		3.33	3.33	3.33	0.33	0.3	3.33	0.69 No	0.3	Element Fault
SIP072	491	'3106500_/_3106497'		3.33	3.33	3.33	0.33	0.4	3.33	0.69 No	0.33	Thermal Discharging
SIP072	492	'539712254_/_539713233'		10	10	10	1	3.2	10	2.08 No	1	Thermal Discharging
SIP072	493	'3089314_/_3089312'		3.33	3.33	3.33	0.33	0.4	3.33	0.69 No	0.33	Thermal Discharging
SIP072	494	'539712893_/_539712890'		3.33	3.33	3.33	0.33	0.3	3.33	0.69 No	0.3	Element Fault
SIP072	495	'3089142_/_3089139'		3.33	3.33	3.33	0.33	0.2	3.33	0.69 No	0.2	Element Fault
SIP072	496	'273791254_/_43264979'		6.67	6.67	6.67	0.14	2.2	6.67	1.39 No	0.14	Thermal Discharging
SIP072	497	'276503404_/_276503300_1'		3.33	3.33	3.33	0.07	0.3	3.33	0.69 No	0.07	Thermal Discharging
SIP072	498	'3088999_/_3089009'		3.33	3.33	3.33	0.33	0.5	3.33	0.69 No	0.33	Thermal Discharging
SIP072	499	'276503303_/_276503300_2'		3.33	3.33	3.33	0.07	0.3	3.33	0.69 No	0.07	Thermal Discharging
SIP072	500	'3106312_/_43264809'		3.33	3.33	3.33	0.33	0.4	3.33	0.69 No	0.33	Thermal Discharging
SIP072	501	'3089158_/_3089155'		3.33	3.33	3.33	0.33	0.2	3.33	0.69 No	0.2	Element Fault
SIP072	502	'7245299_/_8194973'		3.33	3.33	3.33	0.33	0.3	3.33	0.69 No	0.3	Element Fault
SIP072	503	'3106513_/_3106510'		3.33	3.33	3.33	0.33	0.4	3.33	0.69 No	0.33	Thermal Discharging
SIP072	504	'3088846_/_3088844'		3.33	3.33	3.33	0.33	0.5	3.33	0.69 No	0.33	Thermal Discharging
SIP072	505	'539712271_/_539712268'		10	10	10	1	3.2	10	2.08 No	1	Thermal Discharging
SIP072	506	'7872952_/_8194909'		3.33	3.33	3.33	0.33	0.5	3.33	0.69 No	0.33	Thermal Discharging
SIP072	507	'539424578_/_7873743_2'		10	10	10	1	3.1	10	2.08 No	1	Thermal Discharging
SIP072	508	'535370537_/_37655916'		10	10	10	1	3.1	10	2.08 No	1	Thermal Discharging
SIP072	509	'539424582_/_37655888'		10	10	10	1	3.1	10	2.08 No	1	Thermal Discharging
SIP072	510	'539424580_/_37655895'		10	10	10	1	3.1	10	2.08 No	1	Thermal Discharging
SIP072	511	'535370556_/_402123181'		10	10	10	1	3.1	10	2.08 No	1	Thermal Discharging
SIP072	512	'7558206_/_7558203'		3.33	3.33	3.33	0.33	0.5	3.33	0.69 No	0.33	Thermal Discharging
SIP072	513	'3088763_/_43260147'		6.67	6.67	6.67	0.67	0.9	6.67	1.39 No	0.67	Thermal Discharging
SIP072	514	'43260214_/_3088996'		3.33	3.33	3.33	0.33	0.5	3.33	0.69 No	0.33	Thermal Discharging
SIP072	515	'614148461_/_8195477'		3.33	3.33	3.33	0.33	1.03	3.33	0.69 No	0.33	Thermal Discharging
SIP072	516	'3106018_/_539712912'		3.33	3.33	3.33	0.33	0.3	3.33	0.69 No	0.3	Element Fault
SIP072	517	'3106838_/_273791256'		6.67	6.67	6.67	0.14	2.2	6.67	1.39 No	0.14	Thermal Discharging
SIP072	518	'3088886_/_3088883'		3.33	3.33	3.33	0.33	0.5	3.33	0.69 No	0.33	Thermal Discharging
SIP072	519	'539712012_/_539712286'		10	10	10	1	3.2	10	2.08 No	1	Thermal Discharging
SIP072	520	'426097361_/_3089638'		6.67	6.67	6.67	0.67	0.9	6.67	1.39 No	0.67	Thermal Discharging
SIP072	521	'3088860_/_3088857'		3.33	3.33	3.33	0.33	0.5	3.33	0.69 No	0.33	Thermal Discharging
SIP072	522	'7873638_/_7873635'		3.33	3.33	3.33	0.33	0.5	3.33	0.69 No	0.33	Thermal Discharging
SIP072	523	'37655352_/_66008583'		3.33	3.33	3.33	0.33	0.3	3.33	0.69 No	0.3	Element Fault
SIP072	524	'37655317_/_37655349'		3.33	3.33	3.33	0.33	0.3	3.33	0.69 No	0.3	Element Fault
SIP072	525	'37655310_/_37655314'		3.33	3.33	3.33	0.33	0.3	3.33	0.69 No	0.3	Element Fault
SIP072	526	'37655338_/_37655342'		3.33	3.33	3.33	0.33	0.3	3.33	0.69 No	0.3	Element Fault
SIP072	527	'37655324_/_37655321'		3.33	3.33	3.33	0.33	0.3	3.33	0.69 No	0.3	Element Fault
SIP072	528	'43260203_/_3089566'		3.33	3.33	3.33	0.33	0.5	3.33	0.69 No	0.33	Thermal Discharging
SIP072	529	'3088899_/_3088896'		3.33	3.33	3.33	0.33	0.5	3.33	0.69 No	0.33	Thermal Discharging
SIP072	530	'43260168_/_426097363'		6.67	6.67	6.67	0.67	0.9	6.67	1.39 No	0.67	Thermal Discharging
SIP072	531	'43260157_/_3088761'		3.33	3.33	3.33	0.33	0.45	3.33	0.69 No	0.33	Thermal Discharging
SIP072	532	'3106017_/_3106015'		3.33	3.33	3.33	0.33	0.3	3.33	0.69 No	0.3	Element Fault
SIP072	533	'3107018_/_539713008'		10	10	10	1	3.2	10	2.08 No	1	Thermal Discharging
SIP072	534	'7245267_/_7562754_1'		3.33	3.33	3.33	0.33	0.3	3.33	0.69 No	0.3	Element Fault
SIP072	535	'7872951_/_7872949'		3.33	3.33	3.33	0.33	0.5	3.33	0.69 No	0.33	Thermal Discharging
SIP072	536	'7245769_/_9138583'		3.33	3.33	3.33	0.33	0.5	3.33	0.69 No	0.33	Thermal Discharging
SIP072	537	'3088912_/_3088909'		3.33	3.33	3.33	0.33	0.5	3.33	0.69 No	0.33	Thermal Discharging
SIP072	538	'7245300_/_7245297'		3.33	3.33	3.33	0.33	0.3	3.33	0.69 No	0.3	Element Fault
SIP072	539	'656557267_/_656557264'		10	10	10	1	3.2	10	2.08 No	1	Thermal Discharging
SIP072	540	'43264898_/_3106836'		6.67	6.67	6.67	0.14	2.2	6.67	1.39 No	0.14	Thermal Discharging
SIP072	541	'65110283_/_57643046_1'		3.33	3.33	3.33	0.33	0.4	3.33	0.69 No	0.33	Thermal Discharging
SIP072	542	'3088986_/_3089074'		3.33	3.33	3.33	0.33	0.5	3.33	0.69 No	0.33	Thermal Discharging
SIP072	543	'8823397_/_9138025'		3.33	3.33	3.33	0.33	0.5	3.33	0.69 No	0.33	Thermal Discharging
SIP072	544	'3088764_/_43260159'		3.33	3.33	3.33	0.33	0.45	3.33	0.69 No	0.33	Thermal Discharging
SIP072	545	'3088925_/_3088922_1'		3.33	3.33	3.33	0.33	0.5	3.33	0.69 No	0.33	Thermal Discharging
SIP072	546	'656557285_/_656557282'		10	10	10	1	3.2	10	2.08 No	1	Thermal Discharging
SIP072	547	'43264728_/_43264730'		3.33	3.33	3.33	0.33	0.3	3.33	0.69 No	0.3	Element Fault
SIP072	548	'3089695_/_3088922_2'		3.33	3.33	3.33	0.33	0.5	3.33	0.69 No	0.33	Thermal Discharging
SIP072	549	'8823396_/_8823394'		3.33	3.33	3.33	0.33	0.5	3.33	0.69 No	0.33	Thermal Discharging
SIP072	550	'7245268_/_7873093'		3.33	3.33	3.33	0.33	0.3	3.33	0.69 No	0.3	Element Fault
SIP072	551	'3088985_/_3088983'		3.33	3.33	3.33	0.33	0.5	3.33	0.69 No	0.33	Thermal Discharging
SIP072	552	'3106900_/_656557300'		10	10	10	1	3.2	10	2.08 No	1	Thermal Discharging
SIP072	553	'7562773_/_7562770'		3.33	3.33	3.33	0.33	0.3	3.33	0.69 No	0.3	Element Fault
SIP072	554	'614148398_/_540525973_1'		10	10	10	1	1.4	10	2.08 No	1	Thermal Discharging
SIP072	555	'3106409_/_3106797'		3.33	3.33	3.33	0.33	0.5	3.33	0.69 No	0.33	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over- Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SIP072	556	'43264886_/3107135'	6.67	6.67	6.67	0.14	2.2	6.67	1.39 No	0.14	Thermal Discharging
SIP072	557	'7562789_/7562786'	3.33	3.33	3.33	0.33	0.3	3.33	0.69 No	0.3	Element Fault
SIP072	558	'540525930_/540525973_2'	10	10	10	1	1.4	10	2.08 No	1	Thermal Discharging
SIP072	559	'3105992_/3106002'	3.33	3.33	3.33	0.33	0.3	3.33	0.69 No	0.3	Element Fault
SIP072	560	'3106396_/3106406'	3.33	3.33	3.33	0.33	0.5	3.33	0.69 No	0.33	Thermal Discharging
SIP072	561	'540525732_/540525760'	2.93	6.67	6.67	0.67	0.93	6.67	1.39 No	0.67	Thermal Discharging
SIP072	562	'37655450_/7873619'	3.33	3.33	3.33	0.33	0.5	3.33	0.69 No	0.33	Thermal Discharging
SIP072	563	'37655429_/37655454'	3.33	3.33	3.33	0.33	0.5	3.33	0.69 No	0.33	Thermal Discharging
SIP072	564	'37655422_/37655426'	3.33	3.33	3.33	0.33	0.5	3.33	0.69 No	0.33	Thermal Discharging
SIP072	565	'37655436_/37655433'	3.33	3.33	3.33	0.33	0.5	3.33	0.69 No	0.33	Thermal Discharging
SIP072	566	'399833240_/399833237'	3.33	3.33	3.33	0.33	0.5	3.33	0.69 No	0.33	Thermal Discharging
SIP072	567	'43264785_/43264787'	3.33	3.33	3.33	0.33	0.5	3.33	0.69 No	0.33	Thermal Discharging
SIP072	568	'3137444_/3137442'	3.33	3.33	3.33	0.33	1	3.33	0.69 No	0.33	Thermal Discharging
SIP072	569	'9138746_/9138743'	3.33	3.33	3.33	0.33	0.5	3.33	0.69 No	0.33	Thermal Discharging
SIP072	570	'3105965_/3105989'	3.33	3.33	3.33	0.33	0.3	3.33	0.69 No	0.3	Element Fault
SIP072	571	'3106395_/3106393'	3.33	3.33	3.33	0.33	0.5	3.33	0.69 No	0.33	Thermal Discharging
SIP072	572	'7245283_/66008547'	3.33	3.33	3.33	0.33	0.3	3.33	0.69 No	0.3	Element Fault
SIP072	573	'3106854_/43264888'	3.27	6.67	6.67	0.14	2.2	6.67	1.39 No	0.14	Thermal Discharging
SIP072	574	'7562804_/7562802'	3.33	3.33	3.33	0.33	0.5	3.33	0.69 No	0.33	Thermal Discharging
SIP072	575	'3106204_/3106202'	3.33	3.33	3.33	0.33	0.5	3.33	0.69 No	0.33	Thermal Discharging
SIP072	576	'43264693_/43264695'	3.33	3.33	3.33	0.33	0.3	3.33	0.69 No	0.3	Element Fault
SIP072	577	'540525546_/537129945_2'	3.4	10	10	1	1.4	10	2.08 No	1	Thermal Discharging
SIP072	578	'7558357_/9454034'	3.33	3.33	3.33	0.33	0.5	3.33	0.69 No	0.33	Thermal Discharging
SIP072	579	'3106926_/537129945_1'	3.3	10	10	1	1.4	10	2.08 No	1	Thermal Discharging
SIP072	580	'7245284_/7245281'	3.33	3.33	3.33	0.33	0.3	3.33	0.69 No	0.3	Element Fault
SIP072	581	'7873031_/8194957'	3.33	3.33	3.33	0.33	0.3	3.33	0.69 No	0.3	Element Fault
SIP072	582	'43264774_/43264776'	3.33	3.33	3.33	0.33	0.5	3.33	0.69 No	0.33	Thermal Discharging
SIP072	583	'3106927_/3106924'	3	10	10	1	1.4	10	2.08 No	1	Thermal Discharging
SIP072	584	'120972526_/43264706'	3.33	3.33	3.33	0.33	0.3	3.33	0.69 No	0.3	Element Fault
SIP072	585	'9453369_/9453366'	3.33	3.33	3.33	0.33	0.5	3.33	0.69 No	0.33	Thermal Discharging
SIP072	586	'120972605_/120972576_1'	3.33	3.33	3.33	0.33	0.3	3.33	0.69 No	0.3	Element Fault
SIP072	587	'8824016_/9454018'	3.33	3.33	3.33	0.33	0.5	3.33	0.69 No	0.33	Thermal Discharging
SIP072	588	'43264874_/3161487'	2.2	6.67	6.67	0.14	2.2	6.67	1.39 No	0.14	Thermal Discharging
SIP072	589	'43264704_/120972537'	3.33	3.33	3.33	0.33	0.3	3.33	0.69 No	0.3	Element Fault
SIP072	590	'7872984_/66008532'	1.93	3.33	3.33	0.33	0.3	3.33	0.69 No	0.3	Element Fault
SIP072	591	'3106939_/3106937'	2.7	10	10	1	1.4	10	2.08 No	1	Thermal Discharging
SIP072	592	'3106179_/3106189'	3.33	3.33	3.33	0.33	0.5	3.33	0.69 No	0.33	Thermal Discharging
SIP072	593	'3161505_/43264876'	2.07	6.67	6.67	0.14	2.2	6.67	1.39 No	0.14	Thermal Discharging
SIP072	594	'3161519_/3161517'	2.07	6.67	6.67	0.14	2.2	6.67	1.39 No	0.14	Thermal Discharging
SIP072	595	'3161571_/3161568'	2	6.67	6.67	0.14	2.2	6.67	1.39 No	0.14	Thermal Discharging
SIP072	596	'8506093_/9453318_1'	1.83	3.33	3.33	0.33	0.3	3.33	0.69 No	0.3	Element Fault
SIP072	597	'3161538_/3161535'	2.07	6.67	6.67	0.14	2.2	6.67	1.39 No	0.14	Thermal Discharging
SIP072	598	'7873032_/7873029'	1.67	3.33	3.33	0.33	0.3	3.33	0.69 No	0.3	Element Fault
SIP072	599	'3106952_/3106950'	2.5	10	10	1	1.4	10	2.08 No	1	Thermal Discharging
SIP072	600	'3106166_/3106176'	1.63	3.33	3.33	0.33	0.5	3.33	0.69 No	0.33	Thermal Discharging
SIP072	601	'3161556_/3161553'	2.07	6.67	6.67	0.14	2.2	6.67	1.39 No	0.14	Thermal Discharging
SIP072	602	'3161705_/3161721'	1.87	6.67	6.67	0.14	2.2	6.67	1.39 No	0.14	Thermal Discharging
SIP072	603	'3105911_/3105921'	3.33	3.33	3.33	0.33	0.3	3.33	0.69 No	0.3	Element Fault
SIP072	604	'3106966_/3106963'	2.3	10	10	1	1.4	10	2.08 No	1	Thermal Discharging
SIP072	605	'43264763_/3106241'	1.47	3.33	3.33	0.33	0.5	3.33	0.69 No	0.33	Thermal Discharging
SIP072	606	'68990933_/3161703_1'	1.73	6.67	6.67	0.14	2.2	6.67	1.39 No	0.14	Thermal Discharging
SIP072	607	'49232560_/3161703_2'	1.73	6.67	6.67	0.14	2.1	6.67	1.39 No	0.14	Thermal Discharging
SIP072	608	'3105898_/3105908'	3.33	3.33	3.33	0.33	0.3	3.33	0.69 No	0.3	Element Fault
SIP072	609	'3106979_/3106976'	2.2	10	10	1	1.4	10	2.08 No	1	Thermal Discharging
SIP072	610	'3106153_/3106163'	1.37	3.33	3.33	0.33	0.5	3.33	0.69 No	0.33	Thermal Discharging
SIP072	611	'3106218_/3106215'	1.33	3.33	3.33	0.33	0.5	3.33	0.69 No	0.33	Thermal Discharging
SIP072	612	'7873047_/9453350'	1.33	3.33	3.33	0.33	0.3	3.33	0.69 No	0.3	Element Fault
SIP072	613	'3161672_/3161669'	1.6	6.67	6.67	0.14	2.2	6.67	1.39 No	0.14	Thermal Discharging
SIP072	614	'7563475_/8508109_1'	0.8	3.33	3.33	0.07	0.3	3.33	0.69 No	0.07	Thermal Discharging
SIP072	615	'8508112_/8508109_2'	0.8	3.33	3.33	0.07	0.3	3.33	0.69 No	0.07	Thermal Discharging
SIP072	616	'3106991_/3106989'	2.1	10	10	1	1.4	10	2.08 No	1	Thermal Discharging
SIP072	617	'3106152_/3106150'	1.27	3.33	3.33	0.33	0.5	3.33	0.69 No	0.33	Thermal Discharging
SIP072	618	'3105882_/3105895'	3.33	3.33	3.33	0.33	0.3	3.33	0.69 No	0.3	Element Fault
SIP072	619	'3106231_/3106228'	1.23	3.33	3.33	0.33	0.5	3.33	0.69 No	0.33	Thermal Discharging
SIP072	620	'50371162_/3161737_2'	0.77	3.33	3.33	0.07	1	3.33	0.69 No	0.07	Thermal Discharging
SIP072	621	'3161632_/3161737_1'	0.77	3.33	3.33	0.07	1	3.33	0.69 No	0.07	Thermal Discharging
SIP072	622	'3106729_/3161763'	1.47	6.67	6.67	0.14	2.2	6.67	1.39 No	0.14	Thermal Discharging
SIP072	623	'61696822_/3106458_2'	0.73	3.33	3.33	0.07	1	3.33	0.69 No	0.07	Thermal Discharging
SIP072	624	'3107004_/3107002'	2	10	10	1	1.4	10	2.08 No	1	Thermal Discharging
SIP072	625	'3161693_/3161690'	0.73	3.33	3.33	0.07	1	3.31	0.69 No	0.07	Thermal Discharging
SIP072	626	'8195448_/120972576_2'	1.3	3.33	3.33	0.33	0.3	3.29	0.69 No	0.3	Element Fault
SIP072	627	'8508096_/9455396_1'	0.73	3.33	3.33	0.07	0.3	3.31	0.69 No	0.07	Thermal Discharging
SIP072	628	'7873048_/7873045'	1.13	3.33	3.33	0.33	0.3	3.31	0.69 No	0.3	Element Fault
SIP072	629	'3116813_/3116810'	1.9	10	10	1	1.4	9.82	2.08 No	1	Thermal Discharging
SIP072	630	'3105881_/3105879'	1.23	3.33	3.33	0.33	0.3	3.21	0.69 No	0.3	Element Fault
SIP072	631	'9138076_/9138073'	1.07	3.33	3.33	0.33	0.3	3.26	0.69 No	0.3	Element Fault
SIP072	632	'3161586_/3161750'	0.7	3.33	3.33	0.07	1	3.22	0.69 No	0.07	Thermal Discharging
SIP072	633	'3161587_/3161610_1'	0.67	3.33	3.33	0.07	0.3	3.21	0.69 No	0.07	Thermal Discharging
SIP072	634	'3116826_/3116823'	1.8	10	10	1	1.4	9.64	2.08 No	1	Thermal Discharging
SIP072	635	'109957438_/3106727'	1.33	6.67	6.67	0.14	2.2	6.39	1.39 No	0.14	Thermal Discharging
SIP072	636	'109957459_/109957369_1'	0.67	3.33	3.33	0.07	0.1	3.19	0.69 No	0.07	Thermal Discharging
SIP072	637	'109957620_/109957248'	1.33	6.67	6.67	0.14	2.2	6.35	1.39 No	0.14	Thermal Discharging
SIP072	638	'3106460_/3106458_1'	0.67	3.33	3.33	0.07	0.4	3.17	0.69 No	0.07	Thermal Discharging
SIP072	639	'109957761_/3106667_1'	1.27	6.67	6.67	0.11	2.2	6.33	1.39 No	0.11	Thermal Discharging
SIP072	640	'52782943_/52782950'	1	3.33	3.33	0.33	0.3	3.18	0.69 No	0.3	Element Fault
SIP072	641	'3116838_/3116875'	1.7	10	10	1	1.4	9.46	2.08 No	1	Thermal Discharging
SIP072	642	'43266270_/3161610_2'	0.63	3.33	3.33	0.07	0.3	3.14	0.69 No	0.07	Thermal Discharging
SIP072	643	'614148569_/537130172'	3.33	3.33	3.33	0.33	0.47	2.96	0.69 No	0.33	Thermal Discharging
SIP072	644	'539609465_/537130166'	3.33	3.33	3.33	0.33	0.47	2.96	0.69 No	0.33	Thermal Discharging
SIP072	645	'539609344_/537130178'	3.33	3.33	3.33	0.33	0.47	2.96	0.69 No	0.33	Thermal Discharging
SIP072	646	'711850392_/537130160'	3.33	3.33	3.33	0.33	0.47	2.95	0.69 No	0.33	Thermal Discharging
SIP072	647	'539609260_/537129960'	3.33	3.33	3.33	0.33	0.47	2.95	0.69 No	0.33	Thermal Discharging
SIP072	648	'3116635_/3161597_1'	0.63	3.33	3.33	0.07	1	3.1	0.69 No	0.07	Thermal Discharging
SIP072	649	'50410586_/3161597_2'	0.63	3.33	3.33	0.07	1	3.09	0.69 No	0.07	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SIP072	650	'52783499_/_52783671'	0.97	3.33	3.33	0.33	0.5	3.12	0.69 No	0.33	Thermal Discharging
SIP072	651	'3116839_/_3116836'	1.6	10	10	1	1.4	9.29	2.08 No	1	Thermal Discharging
SIP072	652	'70706447_/_9455396_2'	0.6	3.33	3.33	0.07	0.3	3.08	0.69 No	0.07	Thermal Discharging
SIP072	653	'7247031_/_70706443'	0.6	3.33	3.33	0.07	0.3	3.08	0.69 No	0.07	Thermal Discharging
SIP072	654	'70706475_/_70706471'	0.6	3.33	3.33	0.07	0.3	3.08	0.69 No	0.07	Thermal Discharging
SIP072	655	'70706433_/_70706429'	0.6	3.33	3.33	0.07	0.3	3.08	0.69 No	0.07	Thermal Discharging
SIP072	656	'70706460_/_70706464'	0.6	3.33	3.33	0.07	0.3	3.08	0.69 No	0.07	Thermal Discharging
SIP072	657	'3106474_/_3106471'	0.6	3.33	3.33	0.07	0.4	3.07	0.69 No	0.07	Thermal Discharging
SIP072	658	'539609423_/_539609420'	3.33	3.33	3.33	0.33	0.47	2.91	0.69 No	0.33	Thermal Discharging
SIP072	659	'3161613_/_43266274'	0.6	3.33	3.33	0.07	0.3	3.05	0.69 No	0.07	Thermal Discharging
SIP072	660	'3116852_/_3116849'	1.6	10	10	1	1.4	9.12	2.08 No	1	Thermal Discharging
SIP072	661	'52783983_/_52782990_1'	0.77	3.33	3.33	0.33	0.5	3.05	0.69 No	0.33	Thermal Discharging
SIP072	662	'84357525_/_3106667_2'	1.13	6.67	6.67	0.11	2.2	5.99	1.39 No	0.11	Thermal Discharging
SIP072	663	'3116583_/_50410583'	0.57	3.33	3.33	0.07	1	2.99	0.69 No	0.07	Thermal Discharging
SIP072	664	'3106670_/_3106667_3'	1.13	6.67	6.67	0.11	2.2	5.99	1.39 No	0.11	Thermal Discharging
SIP072	665	'84357540_/_84357517_1'	0.57	3.33	3.33	0.06	0.1	2.99	0.69 No	0.06	Thermal Discharging
SIP072	666	'3116571_/_3116568_2'	0.57	3.33	3.33	0.07	1	2.99	0.69 No	0.07	Thermal Discharging
SIP072	667	'8825486_/_70706532'	0.57	3.33	3.33	0.07	0.3	2.99	0.69 No	0.07	Thermal Discharging
SIP072	668	'3116865_/_3116862'	1.5	10	10	1	1.4	8.97	2.08 No	1	Thermal Discharging
SIP072	669	'3116649_/_3116646'	0.57	3.33	3.33	0.07	1	2.97	0.69 No	0.07	Thermal Discharging
SIP072	670	'3116938_/_3116949'	1.4	10	10	1	1.4	8.82	2.08 No	1	Thermal Discharging
SIP072	671	'109957708_/_3106682'	1.07	6.67	6.67	0.11	2.2	5.84	1.39 No	0.11	Thermal Discharging
SIP072	672	'84357571_/_84357517_2'	0.53	3.33	3.33	0.06	0.1	2.92	0.69 No	0.06	Thermal Discharging
SIP072	673	'52783014_/_52783506'	0.8	3.33	3.33	0.33	0.5	2.9	0.69 No	0.33	Thermal Discharging
SIP072	674	'68991603_/_3117735_1'	1.4	10	10	1	1.4	8.66	2.08 No	1	Thermal Discharging
SIP072	675	'3117738_/_3117735_2'	1.4	10	10	1	1.4	8.66	2.08 No	1	Thermal Discharging
SIP072	676	'3106421_/_3116581'	0.53	3.33	3.33	0.07	1	2.86	0.69 No	0.07	Thermal Discharging
SIP072	677	'3148210_/_3148208'	10	10	10	1	1	8.13	2.08 No	1	Thermal Discharging
SIP072	678	'84357526_/_84357565'	0.5	3.33	3.33	0.06	0.1	2.86	0.69 No	0.06	Thermal Discharging
SIP072	679	'3107073_/_3116568_1'	0.53	3.33	3.33	0.07	0.3	2.85	0.69 No	0.07	Thermal Discharging
SIP072	680	'3106700_/_3106697'	1	6.67	6.67	0.11	2.2	5.69	1.39 No	0.11	Thermal Discharging
SIP072	681	'3117754_/_3117751'	1.3	10	10	1	1.4	8.54	2.08 No	1	Thermal Discharging
SIP072	682	'711850283_/_711850095_1'	1.3	10	10	1	1.4	8.53	2.08 No	1	Thermal Discharging
SIP072	683	'52782983_/_52783021'	0.77	3.33	3.33	0.33	0.5	2.85	0.69 No	0.33	Thermal Discharging
SIP072	684	'109957358_/_109957369_2'	0.5	3.33	3.33	0.07	0.1	2.82	0.69 No	0.07	Thermal Discharging
SIP072	685	'8825487_/_8825484'	0.5	3.33	3.33	0.07	0.3	2.81	0.69 No	0.07	Thermal Discharging
SIP072	686	'3106422_/_3106419'	0.5	3.33	3.33	0.07	1	2.78	0.69 No	0.07	Thermal Discharging
SIP072	687	'43264966_/_3107070'	0.47	3.33	3.33	0.07	0.3	2.73	0.69 No	0.07	Thermal Discharging
SIP072	688	'8823786_/_711850095_2'	1.2	10	10	1	1.4	8.2	2.08 No	1	Thermal Discharging
SIP072	689	'3106435_/_3106432'	0.47	3.33	3.33	0.07	1	2.72	0.69 No	0.07	Thermal Discharging
SIP072	690	'3106715_/_3106712'	0.93	6.67	6.67	0.11	2.2	5.43	1.39 No	0.11	Thermal Discharging
SIP072	691	'37655870_/_37655874'	1.2	10	10	1	1.4	8.04	2.08 No	1	Thermal Discharging
SIP072	692	'399854767_/_399854764'	1.2	10	10	1	1.4	8.04	2.08 No	1	Thermal Discharging
SIP072	693	'37655856_/_37655853'	1.2	10	10	1	1.4	8.04	2.08 No	1	Thermal Discharging
SIP072	694	'37655842_/_9453846'	1.2	10	10	1	1.4	8.03	2.08 No	1	Thermal Discharging
SIP072	695	'37655849_/_37655846'	1.2	10	10	1	1.4	8.03	2.08 No	1	Thermal Discharging
SIP072	696	'3106448_/_3106445'	0.47	3.33	3.33	0.07	1	2.67	0.69 No	0.07	Thermal Discharging
SIP072	697	'350524071_/_3108942'	0.47	3.33	3.33	0.07	1	2.66	0.69 No	0.07	Thermal Discharging
SIP072	698	'504070719_/_9138599'	1.2	10	10	1	1.4	8.01	2.08 No	1	Thermal Discharging
SIP072	699	'350524101_/_3108958_1'	0.47	3.33	3.33	0.07	0.3	2.66	0.69 No	0.07	Thermal Discharging
SIP072	700	'9138602_/_504070723'	1.2	10	10	1	1.4	7.99	2.08 No	1	Thermal Discharging
SIP072	701	'9453869_/_9453866'	1.2	10	10	1	1.4	7.95	2.08 No	1	Thermal Discharging
SIP072	702	'3107085_/_3107083'	0.43	3.33	3.33	0.07	0.3	2.64	0.69 No	0.07	Thermal Discharging
SIP072	703	'3137667_/_3137680'	0.87	6.67	6.67	0.11	2.2	5.24	1.39 No	0.11	Thermal Discharging
SIP072	704	'3108198_/_3108195'	0.43	3.33	3.33	0.07	1	2.61	0.69 No	0.07	Thermal Discharging
SIP072	705	'3106812_/_3108958_2'	0.43	3.33	3.33	0.07	0.3	2.6	0.69 No	0.07	Thermal Discharging
SIP072	706	'3137698_/_3137695'	0.43	3.23	3.33	0.06	1.1	2.59	0.69 No	0.06	Thermal Discharging
SIP072	707	'7874372_/_9454744_1'	0.43	3.23	3.33	0.06	0.2	2.58	0.69 No	0.06	Thermal Discharging
SIP072	708	'7247032_/_70706577'	0.4	3.3	3.33	0.07	0.3	2.55	0.69 No	0.07	Thermal Discharging
SIP072	709	'3108211_/_3108208'	0.43	3.33	3.33	0.07	1	2.54	0.69 No	0.07	Thermal Discharging
SIP072	710	'3106813_/_3106810'	0.4	3.3	3.33	0.07	0.3	2.53	0.69 No	0.07	Thermal Discharging
SIP072	711	'3106525_/_3137665'	0.8	5.93	6.67	0.11	2.2	5.05	1.39 No	0.11	Thermal Discharging
SIP072	712	'3108224_/_3108221'	0.4	3.17	3.33	0.07	1	2.51	0.69 No	0.07	Thermal Discharging
SIP072	713	'3106826_/_3106823'	0.4	3.07	3.33	0.07	0.3	2.48	0.69 No	0.07	Thermal Discharging
SIP072	714	'3109002_/_3109000'	0.4	3	3.33	0.07	1	2.45	0.69 No	0.07	Thermal Discharging
SIP072	715	'8507147_/_9454744_2'	0.43	2.8	3.33	0.06	0.2	2.45	0.69 No	0.06	Thermal Discharging
SIP072	716	'3106526_/_3106523'	0.8	5.53	6.67	0.11	2.2	4.9	1.39 No	0.11	Thermal Discharging
SIP072	717	'43262673_/_3148760'	1.9	10	10	1	1	7.05	2.08 No	1	Thermal Discharging
SIP072	718	'3148763_/_7561228_1'	1.8	10	10	1	0.4	6.96	2.08 No	0.4	Element Fault
SIP072	719	'3106544_/_3106541'	0.73	5.33	6.67	0.11	2.2	4.82	1.39 No	0.11	Thermal Discharging
SIP072	720	'43264852_/_43264854'	0.37	2.6	3.33	0.06	1	2.38	0.69 No	0.06	Thermal Discharging
SIP072	721	'3106559_/_3106556'	0.73	5.13	6.67	0.11	2.2	4.74	1.39 No	0.11	Thermal Discharging
SIP072	722	'3106744_/_3106742'	0.37	2.57	3.33	0.06	1	2.36	0.69 No	0.06	Thermal Discharging
SIP072	723	'3108171_/_3108237'	0.37	2.7	3.33	0.07	1	2.36	0.69 No	0.07	Thermal Discharging
SIP072	724	'9140134_/_9140131'	0.37	2.67	3.33	0.07	0.3	2.34	0.69 No	0.07	Thermal Discharging
SIP072	725	'8507148_/_8507145'	0.43	2.53	3.33	0.06	0.2	2.33	0.69 No	0.06	Thermal Discharging
SIP072	726	'8824064_/_8824062'	0.9	7.5	10	1	1.4	7.02	2.08 No	0.9	Primary Over-Voltage
SIP072	727	'3106574_/_3106571'	0.73	4.87	6.67	0.11	2.2	4.65	1.39 No	0.11	Thermal Discharging
SIP072	728	'465379354_/_465379338_1'	0.37	2.43	3.33	0.06	0.1	2.32	0.69 No	0.06	Thermal Discharging
SIP072	729	'87701536_/_3116936_1'	0.53	3.33	3.33	0.33	0.3	2.21	0.69 No	0.3	Element Fault
SIP072	730	'7561231_/_7561228_2'	1.5	10	10	1	0.4	6.63	2.08 No	0.4	Element Fault
SIP072	731	'3108172_/_3108169'	0.33	2.53	3.33	0.07	1	2.29	0.69 No	0.07	Thermal Discharging
SIP072	732	'3106595_/_3106592'	0.67	4.73	6.67	0.11	2.2	4.58	1.39 No	0.11	Thermal Discharging
SIP072	733	'465379289_/_144682902_2'	0.33	2.37	3.33	0.06	1.1	2.28	0.69 No	0.06	Thermal Discharging
SIP072	734	'3116890_/_3116936_2'	0.53	3.33	3.33	0.33	0.3	2.19	0.69 No	0.3	Element Fault
SIP072	735	'49199963_/_8824118_2'	0.53	3.33	3.33	0.33	0.47	2.17	0.69 No	0.33	Thermal Discharging
SIP072	736	'3116904_/_3116888'	0.53	3.33	3.33	0.33	0.3	2.16	0.69 No	0.3	Element Fault
SIP072	737	'3116926_/_3116923'	0.53	3.33	3.33	0.33	0.3	2.16	0.69 No	0.3	Element Fault
SIP072	738	'465379322_/_465379338_2'	0.37	2.27	3.33	0.06	0.1	2.23	0.69 No	0.06	Thermal Discharging
SIP072	739	'3108184_/_3108352'	0.33	2.4	3.33	0.07	1	2.23	0.69 No	0.07	Thermal Discharging
SIP072	740	'3106610_/_3106607'	0.67	4.47	6.67	0.11	2.2	4.45	1.39 No	0.11	Thermal Discharging
SIP072	741	'7217747_/_9139051'	0.43	2.3	3.33	0.06	0.2	2.22	0.69 No	0.06	Thermal Discharging
SIP072	742	'8824121_/_8824118_1'	0.53	3.33	3.33	0.33	0.3	2.13	0.69 No	0.3	Element Fault
SIP072	743	'3116915_/_3116912'	0.53	3.33	3.33	0.33	0.3	2.12	0.69 No	0.3	Element Fault

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SIP072	744	'144682829_/_144682902_1'	0.33	2.2	3.33	0.06	0.1	2.2	0.69 No	0.06	Thermal Discharging
SIP072	745	'3108132_/_3108182'	0.33	2.27	3.33	0.07	1	2.16	0.69 No	0.07	Thermal Discharging
SIP072	746	'3106625_/_3106622'	0.6	4.27	6.67	0.11	2.2	4.32	1.39 No	0.11	Thermal Discharging
SIP072	747	'144682950_/_144682603_1'	0.3	2.1	3.33	0.06	0.1	2.16	0.69 No	0.06	Thermal Discharging
SIP072	748	'539424673_/_8824082'	0.8	6.3	10	1	1.4	6.47	2.08 No	0.8	Primary Over-Voltage
SIP072	749	'144682794_/_144682847'	0.3	2.1	3.33	0.06	0.1	2.15	0.69 No	0.06	Thermal Discharging
SIP072	750	'711849971_/_539609883_1'	0.8	6.7	10	1	3.1	6.46	2.08 No	0.8	Primary Over-Voltage
SIP072	751	'88739824_/_43264991_2'	0.3	2.17	3.33	0.07	1	2.12	0.69 No	0.07	Thermal Discharging
SIP072	752	'43264989_/_43264991_1'	0.3	2.17	3.33	0.01	1	2.11	0.69 No	0.01	Thermal Discharging
SIP072	753	'7217730_/_7217744'	0.43	2.1	3.33	0.06	0.2	2.11	0.69 No	0.06	Thermal Discharging
SIP072	754	'3108133_/_3108130'	0.3	2.13	3.33	0.07	1	2.1	0.69 No	0.07	Thermal Discharging
SIP072	755	'3106640_/_3106637'	0.6	4.07	6.67	0.11	2.2	4.21	1.39 No	0.11	Thermal Discharging
SIP072	756	'43265000_/_3107303'	0.3	2.07	3.33	0.01	1	2.06	0.69 No	0.01	Thermal Discharging
SIP072	757	'144682585_/_144682603_2'	0.3	1.97	3.33	0.06	0.1	2.06	0.69 No	0.06	Thermal Discharging
SIP072	758	'144682759_/_144682812'	0.3	1.97	3.33	0.06	0.1	2.06	0.69 No	0.06	Thermal Discharging
SIP072	759	'3108146_/_3108143'	0.3	2.03	3.33	0.07	1	2.05	0.69 No	0.07	Thermal Discharging
SIP072	760	'3106655_/_3106652'	0.6	3.87	6.67	0.11	2.2	4.1	1.39 No	0.11	Thermal Discharging
SIP072	761	'709574801_/_709574805'	0.6	3.87	6.67	0.11	2.2	4.09	1.39 No	0.11	Thermal Discharging
SIP072	762	'3107746_/_3107744'	0.6	3.87	6.67	0.11	2.2	4.09	1.39 No	0.11	Thermal Discharging
SIP072	763	'709575115_/_709574856_1'	0.3	1.93	3.33	0.06	0.1	2.04	0.69 No	0.06	Thermal Discharging
SIP072	764	'434302665_/_3107759'	0.6	3.87	6.67	0.11	2.2	4.07	1.39 No	0.11	Thermal Discharging
SIP072	765	'3108252_/_3108250'	0.6	3.87	6.67	0.11	2.2	4.07	1.39 No	0.11	Thermal Discharging
SIP072	766	'7217731_/_7217728'	0.47	1.97	3.33	0.06	0.2	2.03	0.69 No	0.06	Thermal Discharging
SIP072	767	'8506706_/_9453902_1'	0.3	1.93	3.33	0.06	0.1	2.03	0.69 No	0.06	Thermal Discharging
SIP072	768	'3108411_/_3108409'	0.6	3.87	6.67	0.11	2.2	4.04	1.39 No	0.11	Thermal Discharging
SIP072	769	'3107762_/_434302667'	0.6	3.87	6.67	0.11	2.2	4.03	1.39 No	0.11	Thermal Discharging
SIP072	770	'8823807_/_9453886_2'	0.3	1.93	3.33	0.06	1.1	2.01	0.69 No	0.06	Thermal Discharging
SIP072	771	'395245026_/_3122499_1'	0.3	1.93	3.33	0.06	0.1	2.01	0.69 No	0.06	Thermal Discharging
SIP072	772	'559619212_/_559619196_1'	0.3	1.93	3.33	0.06	0.1	2.01	0.69 No	0.06	Thermal Discharging
SIP072	773	'7873509_/_7873507_1'	0.3	1.93	3.33	0.06	0.1	2.01	0.69 No	0.06	Thermal Discharging
SIP072	774	'3107776_/_3107774'	0.6	3.87	6.67	0.11	2.2	4.02	1.39 No	0.11	Thermal Discharging
SIP072	775	'43265088_/_3108156'	0.27	1.97	3.33	0.07	1	2.01	0.69 No	0.07	Thermal Discharging
SIP072	776	'3108426_/_3108424'	0.6	3.87	6.67	0.11	2.2	4.02	1.39 No	0.11	Thermal Discharging
SIP072	777	'43265011_/_3107316'	0.3	2	3.33	0.01	1	2.01	0.69 No	0.01	Thermal Discharging
SIP072	778	'3107791_/_3107789'	0.6	3.87	6.67	0.11	2.2	4.01	1.39 No	0.11	Thermal Discharging
SIP072	779	'9453905_/_9453902_2'	0.3	1.9	3.33	0.06	0.1	2.01	0.69 No	0.06	Thermal Discharging
SIP072	780	'3108119_/_3108117_1'	0.27	1.97	3.33	0.07	0.3	2.01	0.69 No	0.07	Thermal Discharging
SIP072	781	'144682724_/_144682777'	0.27	1.9	3.33	0.06	0.1	2.01	0.69 No	0.06	Thermal Discharging
SIP072	782	'130096133_/_130096093_1'	0.3	1.93	3.33	0.06	0.1	2	0.69 No	0.06	Thermal Discharging
SIP072	783	'3107807_/_3107804'	0.6	3.87	6.67	0.11	2.2	4	1.39 No	0.11	Thermal Discharging
SIP072	784	'130096091_/_130096093_2'	0.3	1.9	3.33	0.06	0.1	2	0.69 No	0.06	Thermal Discharging
SIP072	785	'7245785_/_9453886_1'	0.3	1.9	3.33	0.06	0.1	2	0.69 No	0.06	Thermal Discharging
SIP072	786	'3107821_/_68991532'	0.6	3.87	6.67	0.11	2.2	3.98	1.39 No	0.11	Thermal Discharging
SIP072	787	'123182764_/_7246277_2'	0.3	1.93	3.33	0.06	1.1	1.99	0.69 No	0.06	Thermal Discharging
SIP072	788	'144682619_/_144682637'	0.27	1.87	3.33	0.06	0.1	2	0.69 No	0.06	Thermal Discharging
SIP072	789	'7873510_/_7873507_2'	0.3	1.9	3.33	0.06	0.1	1.99	0.69 No	0.06	Thermal Discharging
SIP072	790	'709574859_/_709574856_2'	0.3	1.83	3.33	0.06	0.1	1.99	0.69 No	0.06	Thermal Discharging
SIP072	791	'3107822_/_3107819'	0.6	3.87	6.67	0.11	2.2	3.96	1.39 No	0.11	Thermal Discharging
SIP072	792	'559619180_/_559619196_2'	0.27	1.87	3.33	0.06	0.1	1.98	0.69 No	0.06	Thermal Discharging
SIP072	793	'68991668_/_3122499_2'	0.3	1.87	3.33	0.06	0.1	1.98	0.69 No	0.06	Thermal Discharging
SIP072	794	'7217762_/_7217760_2'	0.3	1.87	3.33	0.06	0.1	1.98	0.69 No	0.06	Thermal Discharging
SIP072	795	'3107837_/_3107834'	0.6	3.87	6.67	0.11	2.2	3.93	1.39 No	0.11	Thermal Discharging
SIP072	796	'144682689_/_144682742'	0.27	1.83	3.33	0.06	0.1	1.97	0.69 No	0.06	Thermal Discharging
SIP072	797	'43265099_/_3108117_2'	0.27	1.9	3.33	0.07	0.3	1.97	0.69 No	0.07	Thermal Discharging
SIP072	798	'130096161_/_3122515'	0.3	1.87	3.33	0.06	0.1	1.96	0.69 No	0.06	Thermal Discharging
SIP072	799	'254905189_/_3107849'	0.6	3.87	6.67	0.11	2.2	3.91	1.39 No	0.11	Thermal Discharging
SIP072	800	'352716075_/_254905159'	0.3	1.93	3.33	0.06	1.1	1.95	0.69 No	0.06	Thermal Discharging
SIP072	801	'274429851_/_274429908'	0.3	1.93	3.33	0.06	1.1	1.95	0.69 No	0.06	Thermal Discharging
SIP072	802	'9139069_/_9139083'	0.43	1.83	3.33	0.06	0.2	1.97	0.69 No	0.06	Thermal Discharging
SIP072	803	'3107183_/_3107180'	0.27	1.9	3.33	0.01	1	1.96	0.69 No	0.01	Thermal Discharging
SIP072	804	'274429880_/_3089850_2'	0.3	1.93	3.33	0.06	1.1	1.95	0.69 No	0.06	Thermal Discharging
SIP072	805	'274429821_/_274429848'	0.3	1.93	3.33	0.06	1.1	1.95	0.69 No	0.06	Thermal Discharging
SIP072	806	'3088556_/_3089850_1'	0.3	1.93	3.33	0.06	0.2	1.95	0.69 No	0.06	Thermal Discharging
SIP072	807	'3089827_/_274429819'	0.3	1.93	3.33	0.06	1.1	1.94	0.69 No	0.06	Thermal Discharging
SIP072	808	'352716106_/_254905252_1'	0.27	1.93	3.33	0.02	1.1	1.94	0.69 No	0.02	Thermal Discharging
SIP072	809	'144682654_/_144682672'	0.27	1.8	3.33	0.06	0.1	1.95	0.69 No	0.06	Thermal Discharging
SIP072	810	'254905255_/_254905252_2'	0.27	1.9	3.33	0.02	1.1	1.94	0.69 No	0.02	Thermal Discharging
SIP072	811	'50916879_/_8823362_2'	0.3	1.93	3.33	0.06	1.1	1.93	0.69 No	0.06	Thermal Discharging
SIP072	812	'254905362_/_254905359'	0.27	1.9	3.33	0.02	1.1	1.93	0.69 No	0.02	Thermal Discharging
SIP072	813	'3088557_/_3088554'	0.3	1.9	3.33	0.06	0.2	1.93	0.69 No	0.06	Thermal Discharging
SIP072	814	'274089703_/_274429808'	0.3	1.97	3.33	0.06	1.1	1.93	0.69 No	0.06	Thermal Discharging
SIP072	815	'502262290_/_3088528_1'	0.3	1.93	3.33	0.06	0.1	1.93	0.69 No	0.06	Thermal Discharging
SIP072	816	'7246279_/_7246277_1'	0.3	1.83	3.33	0.06	0.1	1.93	0.69 No	0.06	Thermal Discharging
SIP072	817	'254905393_/_254905390'	0.27	1.93	3.33	0.02	1.1	1.93	0.69 No	0.02	Thermal Discharging
SIP072	818	'274089674_/_274089700'	0.3	1.97	3.33	0.06	1.1	1.92	0.69 No	0.06	Thermal Discharging
SIP072	819	'8823365_/_8823362_1'	0.3	1.9	3.33	0.06	0.1	1.92	0.69 No	0.06	Thermal Discharging
SIP072	820	'251443410_/_302330336_1'	0.27	1.9	3.33	0.02	0.1	1.92	0.69 No	0.02	Thermal Discharging
SIP072	821	'274430179_/_3088528_2'	0.3	1.93	3.33	0.06	0.1	1.92	0.69 No	0.06	Thermal Discharging
SIP072	822	'302330474_/_302330471'	0.27	1.93	3.33	0.02	1.1	1.92	0.69 No	0.02	Thermal Discharging
SIP072	823	'43260100_/_3088567'	0.3	1.9	3.33	0.06	0.2	1.92	0.69 No	0.06	Thermal Discharging
SIP072	824	'274089448_/_274089671'	0.3	1.97	3.33	0.06	1.1	1.91	0.69 No	0.06	Thermal Discharging
SIP072	825	'274089499_/_274089479_1'	0.3	1.97	3.33	0.06	0.1	1.91	0.69 No	0.06	Thermal Discharging
SIP072	826	'3107196_/_3107193'	0.27	1.83	3.33	0.01	1	1.92	0.69 No	0.01	Thermal Discharging
SIP072	827	'302330572_/_302330569'	0.27	1.93	3.33	0.02	1.1	1.91	0.69 No	0.02	Thermal Discharging
SIP072	828	'3108973_/_3108971'	0.3	1.83	3.33	0.06	1.1	1.91	0.69 No	0.06	Thermal Discharging
SIP072	829	'274089299_/_274089445'	0.3	1.97	3.33	0.06	1.1	1.9	0.69 No	0.06	Thermal Discharging
SIP072	830	'7217763_/_7217760_1'	0.3	1.77	3.33	0.06	0.1	1.91	0.69 No	0.06	Thermal Discharging
SIP072	831	'274089264_/_274089296'	0.3	1.97	3.33	0.06	1.1	1.9	0.69 No	0.06	Thermal Discharging
SIP072	832	'274089482_/_274089479_2'	0.3	1.93	3.33	0.06	0.1	1.9	0.69 No	0.06	Thermal Discharging
SIP072	833	'357645787_/_349310538_2'	0.3	1.97	3.33	0.06	1.1	1.89	0.69 No	0.06	Thermal Discharging
SIP072	834	'302330603_/_302330600'	0.27	1.93	3.33	0.02	1.1	1.89	0.69 No	0.02	Thermal Discharging
SIP072	835	'3108081_/_3108078'	0.27	1.8	3.33	0.07	0.3	1.91	0.69 No	0.07	Thermal Discharging
SIP072	836	'700944643_/_700944629_1'	0.3	1.97	3.33	0.06	0.1	1.89	0.69 No	0.06	Thermal Discharging
SIP072	837	'9139070_/_9139067'	0.4	1.77	3.33	0.06	0.2	1.91	0.69 No	0.06	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Over-Voltage Deviation	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
											VSR (MW)	Limiting Threshold
SIP072	838	'308583_/43260102'		0.3	1.87	3.33	0.06	0.2	1.9	0.69 No	0.06	Thermal Discharging
SIP072	839	'274089235_/274089261'		0.3	1.97	3.33	0.06	1.1	1.89	0.69 No	0.06	Thermal Discharging
SIP072	840	'302330339_/302330336_2'		0.27	1.87	3.33	0.02	0.1	1.89	0.69 No	0.02	Thermal Discharging
SIP072	841	'3088608_/3088606_1'		0.3	1.83	3.33	0.06	0.1	1.89	0.69 No	0.06	Thermal Discharging
SIP072	842	'302330743_/302330740'		0.27	1.93	3.33	0.02	1.1	1.88	0.69 No	0.02	Thermal Discharging
SIP072	843	'274089523_/274089520'		0.3	1.93	3.33	0.06	0.1	1.88	0.69 No	0.06	Thermal Discharging
SIP072	844	'7245786_/7245783'		0.3	1.73	3.33	0.06	0.1	1.9	0.69 No	0.06	Thermal Discharging
SIP072	845	'274089204_/274089232'		0.3	1.97	3.33	0.06	1.1	1.88	0.69 No	0.06	Thermal Discharging
SIP072	846	'302330774_/302330771'		0.27	1.93	3.33	0.02	1.1	1.87	0.69 No	0.02	Thermal Discharging
SIP072	847	'3088609_/3088606_2'		0.3	1.83	3.33	0.06	0.1	1.88	0.69 No	0.06	Thermal Discharging
SIP072	848	'274089172_/274089201'		0.3	2	3.33	0.06	1.1	1.86	0.69 No	0.06	Thermal Discharging
SIP072	849	'302330805_/302330802'		0.27	1.93	3.33	0.02	1.1	1.86	0.69 No	0.02	Thermal Discharging
SIP072	850	'3107248_/3107258'		0.27	1.77	3.33	0.01	1	1.88	0.69 No	0.01	Thermal Discharging
SIP072	851	'274089060_/274089169'		0.3	2	3.33	0.06	1.1	1.85	0.69 No	0.06	Thermal Discharging
SIP072	852	'302330846_/302330843'		0.27	1.93	3.33	0.02	1.1	1.85	0.69 No	0.02	Thermal Discharging
SIP072	853	'8507164_/9139099'		0.3	1.7	3.33	0.06	0.1	1.87	0.69 No	0.06	Thermal Discharging
SIP072	854	'3088622_/3088619'		0.3	1.8	3.33	0.06	0.1	1.86	0.69 No	0.06	Thermal Discharging
SIP072	855	'3088595_/3088593'		0.3	1.8	3.33	0.06	0.2	1.86	0.69 No	0.06	Thermal Discharging
SIP072	856	'274089029_/274089057'		0.3	2	3.33	0.06	1.1	1.84	0.69 No	0.06	Thermal Discharging
SIP072	857	'3108094_/3108091'		0.27	1.77	3.33	0.07	0.3	1.87	0.69 No	0.07	Thermal Discharging
SIP072	858	'9454325_/9454322'		0.4	1.7	3.33	0.06	0.2	1.87	0.69 No	0.06	Thermal Discharging
SIP072	859	'8194992_/9453270_1'		0.3	1.8	3.33	0.06	0.1	1.86	0.69 No	0.06	Thermal Discharging
SIP072	860	'302330937_/302330934'		0.27	1.97	3.33	0.02	1.1	1.84	0.69 No	0.02	Thermal Discharging
SIP072	861	'274088998_/274089026'		0.3	2	3.33	0.06	1.1	1.83	0.69 No	0.06	Thermal Discharging
SIP072	862	'7245801_/8195493'		0.3	1.7	3.33	0.06	0.1	1.86	0.69 No	0.06	Thermal Discharging
SIP072	863	'3088635_/3088632'		0.3	1.8	3.33	0.06	0.1	1.85	0.69 No	0.06	Thermal Discharging
SIP072	864	'302330968_/302330965'		0.27	1.97	3.33	0.02	1.1	1.83	0.69 No	0.02	Thermal Discharging
SIP072	865	'274088886_/274088995'		0.3	2	3.33	0.06	1.1	1.82	0.69 No	0.06	Thermal Discharging
SIP072	866	'52632258_/3088658'		0.3	1.77	3.33	0.06	0.2	1.84	0.69 No	0.06	Thermal Discharging
SIP072	867	'468509389_/52632260'		0.3	1.77	3.33	0.06	0.2	1.84	0.69 No	0.06	Thermal Discharging
SIP072	868	'302331053_/302331050'		0.27	1.97	3.33	0.02	1.1	1.82	0.69 No	0.02	Thermal Discharging
SIP072	869	'302331151_/302331084_1'		0.27	1.97	3.33	0.02	0.1	1.82	0.69 No	0.02	Thermal Discharging
SIP072	870	'274088855_/274088883'		0.3	2.03	3.33	0.06	1.1	1.81	0.69 No	0.06	Thermal Discharging
SIP072	871	'302331252_/302331249'		0.27	1.97	3.33	0.02	1.1	1.81	0.69 No	0.02	Thermal Discharging
SIP072	872	'43265033_/3107274'		0.23	1.7	3.33	0.01	1	1.83	0.69 No	0.01	Thermal Discharging
SIP072	873	'9453273_/9453270_2'		0.3	1.73	3.33	0.06	0.1	1.82	0.69 No	0.06	Thermal Discharging
SIP072	874	'274088824_/274088852'		0.3	2.03	3.33	0.06	1.1	1.8	0.69 No	0.06	Thermal Discharging
SIP072	875	'302331337_/302331334'		0.27	1.97	3.33	0.02	1.1	1.8	0.69 No	0.02	Thermal Discharging
SIP072	876	'302331087_/302331084_2'		0.27	1.93	3.33	0.02	0.1	1.81	0.69 No	0.02	Thermal Discharging
SIP072	877	'153578931_/144682707_1'		0.23	1.63	3.33	0.06	0.1	1.83	0.69 No	0.06	Thermal Discharging
SIP072	878	'3088661_/468509393'		0.3	1.73	3.33	0.06	0.2	1.82	0.69 No	0.06	Thermal Discharging
SIP072	879	'3108107_/3108104'		0.23	1.7	3.33	0.07	0.3	1.83	0.69 No	0.07	Thermal Discharging
SIP072	880	'7246344_/7246357'		0.3	1.67	3.33	0.06	0.1	1.82	0.69 No	0.06	Thermal Discharging
SIP072	881	'7246328_/51043732_2'		0.3	1.73	3.33	0.06	0.2	1.82	0.69 No	0.06	Thermal Discharging
SIP072	882	'7872903_/8823378_2'		0.3	1.73	3.33	0.06	0.2	1.81	0.69 No	0.06	Thermal Discharging
SIP072	883	'274088712_/274088821'		0.3	2.03	3.33	0.06	1.1	1.79	0.69 No	0.06	Thermal Discharging
SIP072	884	'7245802_/7245799'		0.3	1.63	3.33	0.06	0.1	1.82	0.69 No	0.06	Thermal Discharging
SIP072	885	'302331376_/302331373'		0.27	1.97	3.33	0.02	1.1	1.79	0.69 No	0.02	Thermal Discharging
SIP072	886	'231169566_/231169527_1'		0.23	1.7	3.33	0.07	0.1	1.82	0.69 No	0.07	Thermal Discharging
SIP072	887	'274088696_/274088709'		0.3	2.03	3.33	0.06	1.1	1.78	0.69 No	0.06	Thermal Discharging
SIP072	888	'302331407_/302331404'		0.27	2	3.33	0.02	1.1	1.78	0.69 No	0.02	Thermal Discharging
SIP072	889	'43265044_/43265046'		0.23	1.67	3.33	0.01	1	1.81	0.69 No	0.01	Thermal Discharging
SIP072	890	'3088421_/274088693'		0.3	2.07	3.33	0.06	1.1	1.77	0.69 No	0.06	Thermal Discharging
SIP072	891	'65887213_/502262242'		0.3	2.07	3.33	0.06	1.1	1.77	0.69 No	0.06	Thermal Discharging
SIP072	892	'302331523_/302331520'		0.27	2	3.33	0.02	1.1	1.77	0.69 No	0.02	Thermal Discharging
SIP072	893	'3088434_/274088561_2'		0.3	2.07	3.33	0.06	1.1	1.77	0.69 No	0.06	Thermal Discharging
SIP072	894	'231169508_/231169527_2'		0.23	1.67	3.33	0.07	0.1	1.8	0.69 No	0.07	Thermal Discharging
SIP072	895	'7872887_/349310538_1'		0.3	1.77	3.33	0.06	0.1	1.79	0.69 No	0.06	Thermal Discharging
SIP072	896	'3117007_/302331544'		0.27	2	3.33	0.02	1.1	1.76	0.69 No	0.02	Thermal Discharging
SIP072	897	'51043730_/51043732_1'		0.3	1.7	3.33	0.06	0.1	1.79	0.69 No	0.06	Thermal Discharging
SIP072	898	'3107209_/3107206'		0.23	1.67	3.33	0.01	1	1.8	0.69 No	0.01	Thermal Discharging
SIP072	899	'274088548_/274088561_1'		0.3	2.07	3.33	0.06	0.1	1.76	0.69 No	0.06	Thermal Discharging
SIP072	900	'52632564_/52632336'		0.3	1.7	3.33	0.06	0.2	1.78	0.69 No	0.06	Thermal Discharging
SIP072	901	'302331716_/302331713'		0.27	2	3.33	0.02	1.1	1.76	0.69 No	0.02	Thermal Discharging
SIP072	902	'8823381_/8823378_1'		0.3	1.67	3.33	0.06	0.1	1.78	0.69 No	0.06	Thermal Discharging
SIP072	903	'274088519_/274088545'		0.3	2.1	3.33	0.06	0.1	1.75	0.69 No	0.06	Thermal Discharging
SIP072	904	'302331745_/302331742'		0.27	2	3.33	0.02	1.1	1.75	0.69 No	0.02	Thermal Discharging
SIP072	905	'5104361_/51043757'		0.3	1.67	3.33	0.06	0.1	1.77	0.69 No	0.06	Thermal Discharging
SIP072	906	'3047346_/274088479'		0.3	2.1	3.33	0.06	0.1	1.74	0.69 No	0.06	Thermal Discharging
SIP072	907	'302331774_/302331771'		0.27	2.03	3.33	0.02	1.1	1.74	0.69 No	0.02	Thermal Discharging
SIP072	908	'68990807_/7246341_1'		0.3	1.23	3.33	0.06	0.1	1.77	0.69 No	0.06	Thermal Discharging
SIP072	909	'43260111_/43260113'		0.3	1.67	3.33	0.06	0.2	1.76	0.69 No	0.06	Thermal Discharging
SIP072	910	'8195512_/8195509'		0.3	1.57	3.33	0.06	0.1	1.77	0.69 No	0.06	Thermal Discharging
SIP072	911	'302331803_/302331800'		0.27	2.03	3.33	0.02	1.1	1.73	0.69 No	0.02	Thermal Discharging
SIP072	912	'274088417_/274088445'		0.3	2.1	3.33	0.06	0.1	1.73	0.69 No	0.06	Thermal Discharging
SIP072	913	'51043583_/51043624'		0.3	1.63	3.33	0.06	0.1	1.75	0.69 No	0.06	Thermal Discharging
SIP072	914	'3107222_/3107219'		0.23	1.6	3.33	0.01	1	1.76	0.69 No	0.01	Thermal Discharging
SIP072	915	'302331903_/302331900'		0.27	2.03	3.33	0.02	1.1	1.72	0.69 No	0.02	Thermal Discharging
SIP072	916	'274088270_/274088414'		0.3	2.13	3.33	0.06	0.1	1.72	0.69 No	0.06	Thermal Discharging
SIP072	917	'50330729_/3117119'		0.27	1.9	3.33	0.02	1.1	1.72	0.69 No	0.02	Thermal Discharging
SIP072	918	'302331932_/302331929'		0.27	2.03	3.33	0.02	1.1	1.71	0.69 No	0.02	Thermal Discharging
SIP072	919	'274088239_/274088267'		0.3	2.13	3.33	0.06	0.1	1.71	0.69 No	0.06	Thermal Discharging
SIP072	920	'52632446_/52632448'		0.3	1.63	3.33	0.06	0.2	1.74	0.69 No	0.06	Thermal Discharging
SIP072	921	'3107247_/3107245'		0.23	1.6	3.33	0.01	1	1.74	0.69 No	0.01	Thermal Discharging
SIP072	922	'251442274_/251442271'		0.27	2.07	3.33	0.02	1.1	1.7	0.69 No	0.02	Thermal Discharging
SIP072	923	'43266283_/50330726'		0.27	1.87	3.33	0.02	1.1	1.71	0.69 No	0.02	Thermal Discharging
SIP072	924	'3047376_/274088236'		0.3	2.17	3.33	0.06	0.1	1.7	0.69 No	0.06	Thermal Discharging
SIP072	925	'700944602_/700944629_2'		0.3	1.67	3.33	0.06	0.1	1.72	0.69 No	0.06	Thermal Discharging
SIP072	926	'251442303_/251442300'		0.27	2.07	3.33	0.02	1.1	1.7	0.69 No	0.02	Thermal Discharging
SIP072	927	'450490259_/251442390_1'		0.27	2.07	3.33	0.02	0.1	1.69	0.69 No	0.02	Thermal Discharging
SIP072	928	'251442945_/251442942'		0.27	2.07	3.33	0.02	1.1	1.69	0.69 No	0.02	Thermal Discharging
SIP072	929	'43265022_/3107232'		0.23	1.57	3.33	0.01	1	1.72	0.69 No	0.01	Thermal Discharging
SIP072	930	'43260336_/3089653'		0.3	1.6	3.33	0.06	0.2	1.71	0.69 No	0.06	Thermal Discharging
SIP072	931	'251442974_/251442971'		0.27	2.1	3.33	0.02	1.				

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SIP072	932	'61696802_/_7558235_1'	0.3	1.6	3.33	0.06	0.1	1.71	0.69 No	0.06	Thermal Discharging
SIP072	933	'274087933_/_274087930'	0.3	2.1	3.33	0.06	0.1	1.68	0.69 No	0.06	Thermal Discharging
SIP072	934	'8195528_/_8195525'	0.3	1.5	3.33	0.06	0.1	1.72	0.69 No	0.06	Thermal Discharging
SIP072	935	'36300420_/_700944606'	0.3	1.63	3.33	0.06	0.1	1.7	0.69 No	0.06	Thermal Discharging
SIP072	936	'251443003_/_251443000'	0.27	2.1	3.33	0.02	1.1	1.67	0.69 No	0.02	Thermal Discharging
SIP072	937	'3107332_/_43265024'	0.23	1.53	3.33	0.01	1	1.71	0.69 No	0.01	Thermal Discharging
SIP072	938	'251442393_/_251442390_2'	0.27	2	3.33	0.02	0.1	1.67	0.69 No	0.02	Thermal Discharging
SIP072	939	'251442493_/_251442490'	0.27	1.97	3.33	0.02	1.1	1.67	0.69 No	0.02	Thermal Discharging
SIP072	940	'251443032_/_251443029'	0.27	2.1	3.33	0.02	1.1	1.66	0.69 No	0.02	Thermal Discharging
SIP072	941	'352375923_/_3107958_1'	0.27	2.1	3.33	0.02	0.1	1.66	0.69 No	0.02	Thermal Discharging
SIP072	942	'274087949_/_274087946'	0.3	2.03	3.33	0.06	0.1	1.66	0.69 No	0.06	Thermal Discharging
SIP072	943	'3107345_/_3107342'	0.23	1.53	3.33	0.01	1	1.7	0.69 No	0.01	Thermal Discharging
SIP072	944	'251443127_/_251443124'	0.27	2.13	3.33	0.02	1.1	1.65	0.69 No	0.02	Thermal Discharging
SIP072	945	'744016930_/_744016934'	0.3	1.6	3.33	0.06	0.1	1.68	0.69 No	0.06	Thermal Discharging
SIP072	946	'443836860_/_7558235_2'	0.3	1.57	3.33	0.06	0.1	1.68	0.69 No	0.06	Thermal Discharging
SIP072	947	'3109221_/_43266285'	0.27	1.73	3.33	0.02	0.9	1.66	0.69 No	0.02	Thermal Discharging
SIP072	948	'3107610_/_251443364'	0.27	2.13	3.33	0.02	1.1	1.64	0.69 No	0.02	Thermal Discharging
SIP072	949	'8506013_/_386958022'	0.3	1.57	3.33	0.06	0.1	1.67	0.69 No	0.06	Thermal Discharging
SIP072	950	'43265685_/_3110102'	0.27	2.13	3.33	0.02	1	1.64	0.69 No	0.02	Thermal Discharging
SIP072	951	'49478331_/_3107355'	0.23	1.5	3.33	0.01	1	1.68	0.69 No	0.01	Thermal Discharging
SIP072	952	'352715946_/_3109667_1'	0.27	2.13	3.33	0.02	0.1	1.64	0.69 No	0.02	Thermal Discharging
SIP072	953	'7246327_/_7246325'	0.3	1.53	3.33	0.06	0.1	1.67	0.69 No	0.06	Thermal Discharging
SIP072	954	'3107948_/_3107958_2'	0.27	2.03	3.33	0.02	0.1	1.64	0.69 No	0.02	Thermal Discharging
SIP072	955	'443836938_/_443837135'	0.3	1.53	3.33	0.06	0.1	1.65	0.69 No	0.06	Thermal Discharging
SIP072	956	'39705750_/_49478328_1'	0.2	1.47	3.33	0.01	1	1.66	0.69 No	0.01	Thermal Discharging
SIP072	957	'49478308_/_49478328_2'	0.2	1.47	3.33	0.01	1	1.66	0.69 No	0.01	Thermal Discharging
SIP072	958	'251443289_/_3109667_2'	0.27	2.03	3.33	0.02	0.1	1.62	0.69 No	0.02	Thermal Discharging
SIP072	959	'88739886_/_49478305_1'	0.2	1.47	3.33	0.01	0.1	1.66	0.69 No	0.01	Thermal Discharging
SIP072	960	'3109404_/_3109401'	0.23	1.67	3.33	0.02	0.9	1.63	0.69 No	0.02	Thermal Discharging
SIP072	961	'8113574_/_744016965'	0.3	1.53	3.33	0.06	0.1	1.64	0.69 No	0.06	Thermal Discharging
SIP072	962	'3109222_/_3109219'	0.23	1.63	3.33	0.02	0.9	1.62	0.69 No	0.02	Thermal Discharging
SIP072	963	'443836900_/_443837151'	0.3	1.5	3.33	0.06	0.1	1.63	0.69 No	0.06	Thermal Discharging
SIP072	964	'3107922_/_3107945'	0.27	1.9	3.33	0.02	0.1	1.6	0.69 No	0.02	Thermal Discharging
SIP072	965	'251443141_/_251443291'	0.27	1.97	3.33	0.02	0.1	1.59	0.69 No	0.02	Thermal Discharging
SIP072	966	'7560861_/_7560859'	0.3	1.47	3.33	0.06	0.1	1.62	0.69 No	0.06	Thermal Discharging
SIP072	967	'3109417_/_3109414'	0.23	1.6	3.33	0.02	0.9	1.6	0.69 No	0.02	Thermal Discharging
SIP072	968	'3107935_/_3107932'	0.27	1.87	3.33	0.02	0.1	1.58	0.69 No	0.02	Thermal Discharging
SIP072	969	'3107371_/_49478305_2'	0.2	1.43	3.33	0.01	0.1	1.62	0.69 No	0.01	Thermal Discharging
SIP072	970	'49478390_/_49478349'	0.2	1.43	3.33	0.01	1	1.62	0.69 No	0.01	Thermal Discharging
SIP072	971	'3107370_/_3107368'	0.2	1.4	3.33	0.01	0.1	1.61	0.69 No	0.01	Thermal Discharging
SIP072	972	'3109683_/_43265698'	0.27	1.87	3.33	0.02	0.1	1.56	0.69 No	0.02	Thermal Discharging
SIP072	973	'3107909_/_3107919'	0.27	1.83	3.33	0.02	0.1	1.56	0.69 No	0.02	Thermal Discharging
SIP072	974	'68990801_/_443836904'	0.3	1.43	3.33	0.06	0.1	1.59	0.69 No	0.06	Thermal Discharging
SIP072	975	'3109235_/_3109232'	0.23	1.53	3.33	0.02	0.9	1.58	0.69 No	0.02	Thermal Discharging
SIP072	976	'3109169_/_3110040'	0.23	1.53	3.33	0.02	0.9	1.57	0.69 No	0.02	Thermal Discharging
SIP072	977	'49478368_/_49478387'	0.2	1.37	3.33	0.01	1	1.58	0.69 No	0.01	Thermal Discharging
SIP072	978	'8823349_/_386958011'	0.3	1.43	3.33	0.06	0.1	1.57	0.69 No	0.06	Thermal Discharging
SIP072	979	'7245203_/_744016995'	0.3	1.43	3.33	0.06	0.1	1.57	0.69 No	0.06	Thermal Discharging
SIP072	980	'3109696_/_3109693'	0.23	1.8	3.33	0.02	0.1	1.54	0.69 No	0.02	Thermal Discharging
SIP072	981	'761712849_/_761712853'	0.3	1.4	3.33	0.06	0.1	1.56	0.69 No	0.06	Thermal Discharging
SIP072	982	'38179804_/_49478365'	0.2	1.37	3.33	0.01	1	1.57	0.69 No	0.01	Thermal Discharging
SIP072	983	'3109170_/_3109167'	0.23	1.47	3.33	0.02	0.9	1.54	0.69 No	0.02	Thermal Discharging
SIP072	984	'3109274_/_3109271'	0.23	1.47	3.33	0.02	0.9	1.53	0.69 No	0.02	Thermal Discharging
SIP072	985	'3107896_/_3107906'	0.23	1.7	3.33	0.02	0.1	1.51	0.69 No	0.02	Thermal Discharging
SIP072	986	'3107973_/_3107971'	0.23	1.67	3.33	0.02	0.1	1.51	0.69 No	0.02	Thermal Discharging
SIP072	987	'43265718_/_3109706'	0.23	1.7	3.33	0.02	0.1	1.5	0.69 No	0.02	Thermal Discharging
SIP072	988	'8506029_/_386958000'	0.3	1.37	3.33	0.06	0.1	1.52	0.69 No	0.06	Thermal Discharging
SIP072	989	'3108055_/_3108065'	0.23	1.63	3.33	0.02	0.1	1.49	0.69 No	0.02	Thermal Discharging
SIP072	990	'7245204_/_744017073'	0.3	1.37	3.33	0.06	0.1	1.51	0.69 No	0.06	Thermal Discharging
SIP072	991	'7558222_/_9454566'	0.3	1.3	3.33	0.06	0.1	1.51	0.69 No	0.06	Thermal Discharging
SIP072	992	'3107883_/_3107893'	0.23	1.63	3.33	0.02	0.1	1.48	0.69 No	0.02	Thermal Discharging
SIP072	993	'3109287_/_3109284'	0.2	1.4	3.33	0.02	0.9	1.5	0.69 No	0.02	Thermal Discharging
SIP072	994	'7872920_/_386957979'	0.3	1.33	3.33	0.06	0.1	1.5	0.69 No	0.06	Thermal Discharging
SIP072	995	'43265707_/_3109722'	0.23	1.63	3.33	0.02	0.1	1.47	0.69 No	0.02	Thermal Discharging
SIP072	996	'3108054_/_3108052'	0.23	1.6	3.33	0.02	0.1	1.47	0.69 No	0.02	Thermal Discharging
SIP072	997	'149970675_/_149970693'	0.3	1.33	3.33	0.06	0.1	1.49	0.69 No	0.06	Thermal Discharging
SIP072	998	'3107987_/_3107984'	0.23	1.53	3.33	0.02	0.1	1.47	0.69 No	0.02	Thermal Discharging
SIP072	999	'744017024_/_149970743'	0.3	1.3	3.33	0.06	0.1	1.48	0.69 No	0.06	Thermal Discharging
SIP072	1000	'3109300_/_3109297'	0.2	1.33	3.33	0.02	0.9	1.46	0.69 No	0.02	Thermal Discharging
SIP072	1001	'3109725_/_43265709'	0.23	1.53	3.33	0.02	0.1	1.43	0.69 No	0.02	Thermal Discharging
SIP072	1002	'8505998_/_744017052'	0.3	1.27	3.33	0.06	0.1	1.45	0.69 No	0.06	Thermal Discharging
SIP072	1003	'3108000_/_3107997'	0.2	1.43	3.33	0.02	0.1	1.42	0.69 No	0.02	Thermal Discharging
SIP072	1004	'3109738_/_3109735'	0.2	1.5	3.33	0.02	0.1	1.41	0.69 No	0.02	Thermal Discharging
SIP072	1005	'3109313_/_3109310'	0.2	1.27	3.33	0.02	0.9	1.42	0.69 No	0.02	Thermal Discharging
SIP072	1006	'7562709_/_349310575_1'	0.3	1.17	3.33	0.06	0.1	1.42	0.69 No	0.06	Thermal Discharging
SIP072	1007	'3109751_/_3109748'	0.2	1.47	3.33	0.02	0.1	1.4	0.69 No	0.02	Thermal Discharging
SIP072	1008	'3109767_/_3109764'	0.2	1.43	3.33	0.02	0.1	1.38	0.69 No	0.02	Thermal Discharging
SIP072	1009	'3109326_/_3109323'	0.2	1.23	3.33	0.02	0.9	1.39	0.69 No	0.02	Thermal Discharging
SIP072	1010	'3108013_/_3108010'	0.2	1.33	3.33	0.02	0.1	1.38	0.69 No	0.02	Thermal Discharging
SIP072	1011	'3109780_/_3109777'	0.2	1.4	3.33	0.02	0.1	1.36	0.69 No	0.02	Thermal Discharging
SIP072	1012	'7562708_/_744017088'	0.3	1.17	3.33	0.06	0.1	1.37	0.69 No	0.06	Thermal Discharging
SIP072	1013	'3109339_/_3109336'	0.17	1.17	3.33	0.02	0.9	1.36	0.69 No	0.02	Thermal Discharging
SIP072	1014	'3108026_/_3108023'	0.2	1.27	3.33	0.02	0.1	1.33	0.69 No	0.02	Thermal Discharging
SIP072	1015	'43265619_/_3109349'	0.17	1.13	3.33	0.02	0.9	1.33	0.69 No	0.02	Thermal Discharging
SIP072	1016	'3108042_/_3108039'	0.17	1.2	3.33	0.02	0.1	1.3	0.69 No	0.02	Thermal Discharging
SIP072	1017	'3109365_/_43265621'	0.17	1.1	3.33	0.02	0.9	1.3	0.69 No	0.02	Thermal Discharging
SIP072	1018	'43265630_/_43265632'	0.17	1.07	3.33	0.02	0.9	1.27	0.69 No	0.02	Thermal Discharging
SIP072	1019	'3109247_/_3109258'	0.17	1	3.33	0.02	0.9	1.23	0.69 No	0.02	Thermal Discharging
SIP072	1020	'3109182_/_3110053'	0.17	0.97	3.33	0.02	0.9	1.2	0.69 No	0.02	Thermal Discharging
SIP072	1021	'3109248_/_3109245'	0.17	0.97	3.33	0.02	0.9	1.2	0.69 No	0.02	Thermal Discharging
SIP072	1022	'3109183_/_3109180'	0.13	0.93	3.33	0.02	0.9	1.19	0.69 No	0.02	Thermal Discharging
SIP072	1023	'3109443_/_3109440'	0.13	0.93	3.33	0.02	0.9	1.17	0.69 No	0.02	Thermal Discharging
SIP072	1024	'3109196_/_3109193'	0.13	0.93	3.33	0.02	0.9	1.17	0.69 No	0.02	Thermal Discharging
SIP072	1025	'3109456_/_3109453'	0.13	0.93	3.33	0.02	0.9	1.16	0.69 No	0.02	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SIP072	1026	'3109469_/_3109466'		0.13	0.9	3.33	0.02	0.9	1.15	0.69 No	0.02 Thermal Discharging
SIP072	1027	'3109209_/_3109206'		0.13	0.9	3.33	0.02	0.9	1.15	0.69 No	0.02 Thermal Discharging
SIP072	1028	'3109601_/_3109599'		0.13	0.9	3.33	0.02	0.9	1.14	0.69 No	0.02 Thermal Discharging
SIP072	1029	'3109482_/_3109479'		0.13	0.9	3.33	0.02	0.9	1.14	0.69 No	0.02 Thermal Discharging
SIP072	1030	'3109495_/_3109492'		0.13	0.87	3.33	0.02	0.9	1.11	0.69 No	0.02 Thermal Discharging
SIP072	1031	'3109586_/_3109583'		0.13	0.87	3.33	0.02	0.9	1.11	0.69 No	0.02 Thermal Discharging
SIP072	1032	'3109508_/_3109505'		0.13	0.83	3.33	0.02	0.9	1.09	0.69 No	0.02 Thermal Discharging
SIP072	1033	'3109521_/_3109518'		0.13	0.8	3.33	0.02	0.9	1.06	0.69 No	0.02 Thermal Discharging
SIP072	1034	'3109534_/_3109531'		0.13	0.77	3.33	0.02	0.9	1.02	0.69 No	0.02 Thermal Discharging
SIP072	1035	'432920863_/_432920827_1'		0.13	0.77	3.33	0.02	0.1	1.02	0.69 No	0.02 Thermal Discharging
SIP072	1036	'3109547_/_3109544'		0.1	0.73	3.33	0.02	0.9	1	0.69 No	0.02 Thermal Discharging
SIP072	1037	'432920808_/_432920827_2'		0.1	0.73	3.33	0.02	0.1	1	0.69 No	0.02 Thermal Discharging
SIP072	1038	'43265652_/_3109557'		0.1	0.73	3.33	0.02	0.9	0.98	0.69 No	0.02 Thermal Discharging
SIP072	1039	'3109615_/_43265654'		0.1	0.7	3.33	0.02	0.9	0.96	0.69 No	0.02 Thermal Discharging
SIP072	1040	'108531654_/_108531525_1'		0.1	0.7	3.33	0.02	0.1	0.96	0.69 No	0.02 Thermal Discharging
SIP072	1041	'43265663_/_3109625'		0.1	0.67	3.33	0.02	0.9	0.94	0.69 No	0.02 Thermal Discharging
SIP072	1042	'3109641_/_43265665'		0.1	0.67	3.33	0.02	0.9	0.91	0.69 No	0.02 Thermal Discharging
SIP072	1043	'43265674_/_3109654'		0.1	0.63	3.33	0.02	0.9	0.89	0.69 No	0.02 Thermal Discharging
SIP072	1044	'108531475_/_108531525_2'		0.1	0.63	3.33	0.02	0.1	0.87	0.69 No	0.02 Thermal Discharging
SIP072	1045	'108531432_/_108531471'		0.1	0.63	3.33	0.02	0.1	0.87	0.69 No	0.02 Thermal Discharging
SIP072	1046	'108531433_/_108531429'		0.1	0.63	3.33	0.02	0.1	0.87	0.69 No	0.02 Thermal Discharging
SIP072	1047	'108531460_/_108531464'		0.1	0.63	3.33	0.02	0.1	0.87	0.69 No	0.02 Thermal Discharging
SIP072	1048	'108531447_/_108531443'		0.1	0.63	3.33	0.02	0.1	0.87	0.69 No	0.02 Thermal Discharging
SIP072	1049	'3109657_/_43265676'		0.1	0.63	3.33	0.02	0.1	0.87	0.69 No	0.02 Thermal Discharging
SIP072	1050	'7558254_/_7558251'		0.1	0.63	3.33	0.02	0.1	0.87	0.69 No	0.02 Thermal Discharging
SIP072	1051	'108531603_/_108531614'		0.1	0.6	3.33	0.02	0.1	0.85	0.69 No	0.02 Thermal Discharging
SIP072	1052	'108531746_/_108531569'		0.1	0.6	3.33	0.02	0.1	0.85	0.69 No	0.02 Thermal Discharging
SIP072	1053	'7558270_/_7558267'		0.1	0.6	3.33	0.02	0.1	0.84	0.69 No	0.02 Thermal Discharging
SIP073	0	'SIP073_/_7561364_2'		10	10	10	1.02	10	10	10 No	1.02 Thermal Discharging
SIP073	1	'427158274_/_7561364_2'		10	10	10	1.02	10	10	4.77 No	1.02 Thermal Discharging
SIP073	2	'50725143_/_7561364_1'		10	10	10	1.02	10	10	4.77 No	1.02 Thermal Discharging
SIP073	3	'3150602_/_3150616'		10	10	10	1.02	10	10	4.77 No	1.02 Thermal Discharging
SIP073	4	'3132502_/_3150599'		10	10	10	1.02	10	10	4.77 No	1.02 Thermal Discharging
SIP073	5	'3132450_/_3132447_2'		3.33	3.33	3.33	0.34	1	3.33	1.59 No	0.34 Thermal Discharging
SIP073	6	'3150565_/_3150579'		10	10	10	1.02	10	10	4.77 No	1.02 Thermal Discharging
SIP073	7	'65772430_/_7561264_1'		10	10	10	1.02	0.7	10	4.77 No	0.7 Element Fault
SIP073	8	'3115667_/_3150562'		10	10	10	1.02	10	10	4.77 No	1.02 Thermal Discharging
SIP073	9	'7561267_/_7561264_2'		10	10	10	1.02	0.7	10	4.77 No	0.7 Element Fault
SIP073	10	'3115647_/_3115664'		10	10	10	1.02	10	10	4.77 No	1.02 Thermal Discharging
SIP073	11	'3132434_/_3132447_1'		3.33	3.33	3.33	0.34	0.5	3.33	1.59 No	0.34 Thermal Discharging
SIP073	12	'3115646_/_3115644_2'		10	10	10	1.02	10	10	4.77 No	1.02 Thermal Discharging
SIP073	13	'3079518_/_3115644_1'		10	10	10	1.02	10	10	4.77 No	1.02 Thermal Discharging
SIP073	14	'3079519_/_3079516_1'		10	10	10	1.02	1.5	10	4.77 No	1.02 Thermal Discharging
SIP073	15	'3115546_/_3115621'		10	10	10	1.02	10	10	4.77 No	1.02 Thermal Discharging
SIP073	16	'3079499_/_3079516_2'		10	10	10	1.02	1.5	10	4.77 No	1.02 Thermal Discharging
SIP073	17	'50410128_/_3115561'		10	10	10	1.02	10	10	4.77 No	1.02 Thermal Discharging
SIP073	18	'387291616_/_50410125'		10	10	10	1.02	10	10	4.77 No	1.02 Thermal Discharging
SIP073	19	'3132433_/_3132431'		3.33	3.33	3.33	0.34	0.5	3.33	1.59 No	0.34 Thermal Discharging
SIP073	20	'3097706_/_3115598'		10	10	10	1.02	10	10	4.77 No	1.02 Thermal Discharging
SIP073	21	'407311992_/_3097844_2'		10	10	10	1.02	3.4	10	4.77 No	1.02 Thermal Discharging
SIP073	22	'407312763_/_3097703_1'		10	10	10	1.02	1.4	10	4.77 No	1.02 Thermal Discharging
SIP073	23	'3098014_/_3115524'		10	10	10	1.02	10	10	4.77 No	1.02 Thermal Discharging
SIP073	24	'3097859_/_3097844_1'		10	10	10	1.02	1.4	10	4.77 No	1.02 Thermal Discharging
SIP073	25	'3115473_/_3115487'		10	10	10	1.02	10	10	4.77 No	1.02 Thermal Discharging
SIP073	26	'43263118_/_3115507'		10	10	10	1.02	10	10	4.77 No	1.02 Thermal Discharging
SIP073	27	'44069938_/_43263120'		10	10	10	1.02	10	10	4.77 No	1.02 Thermal Discharging
SIP073	28	'3098015_/_3098025_1'		3.33	3.33	3.33	0.34	0.5	3.33	1.59 No	0.34 Thermal Discharging
SIP073	29	'3115271_/_44069940'		10	10	10	1.02	10	10	4.77 No	1.02 Thermal Discharging
SIP073	30	'3115436_/_3115453_2'		10	10	10	1.02	10	10	4.77 No	1.02 Thermal Discharging
SIP073	31	'43263210_/_3115453_1'		10	10	10	1.02	1.4	10	4.77 No	1.02 Thermal Discharging
SIP073	32	'3115416_/_3115433'		10	10	10	1.02	1.4	10	4.77 No	1.02 Thermal Discharging
SIP073	33	'3099865_/_3115288'		10	10	10	1.02	10	10	4.77 No	1.02 Thermal Discharging
SIP073	34	'348150494_/_348150496'		3.33	3.33	3.33	0.34	0.47	3.33	1.59 No	0.34 Thermal Discharging
SIP073	35	'3097833_/_3115305'		10	10	10	1.02	10	10	4.77 No	1.02 Thermal Discharging
SIP073	36	'3115324_/_3115322_1'		10	10	10	1.02	1.4	10	4.77 No	1.02 Thermal Discharging
SIP073	37	'156394929_/_3115322_2'		10	10	10	1.02	1.4	10	4.77 No	1.02 Thermal Discharging
SIP073	38	'3097834_/_3097831'		3.33	3.33	3.33	0.34	0.47	3.33	1.59 No	0.34 Thermal Discharging
SIP073	39	'43263131_/_3115322_3'		10	10	10	1.02	1.4	10	4.77 No	1.02 Thermal Discharging
SIP073	40	'3097905_/_3097915'		3.33	3.33	3.33	0.34	0.47	3.33	1.59 No	0.34 Thermal Discharging
SIP073	41	'3115345_/_3115342'		10	10	10	1.02	1.4	10	4.77 No	1.02 Thermal Discharging
SIP073	42	'3093034_/_3093120'		10	10	10	1.02	1.4	10	4.77 No	1.02 Thermal Discharging
SIP073	43	'43263081_/_3115698'		10	10	10	1.02	10	10	4.77 No	1.02 Thermal Discharging
SIP073	44	'3097889_/_3097902'		3.33	3.33	3.33	0.34	0.47	3.33	1.59 No	0.34 Thermal Discharging
SIP073	45	'3115362_/_3115359'		10	10	10	1.02	1.4	10	4.77 No	1.02 Thermal Discharging
SIP073	46	'3097724_/_3097703_2'		10	10	10	1.02	1.4	10	4.77 No	1.02 Thermal Discharging
SIP073	47	'43263032_/_43263034'		3.33	3.33	3.33	0.34	0.5	3.33	1.59 No	0.34 Thermal Discharging
SIP073	48	'393164654_/_7561248_1'		3.33	3.33	3.33	0.34	0.3	3.33	1.59 No	0.3 Element Fault
SIP073	49	'43263067_/_43263069'		10	10	10	1.02	10	10	4.77 No	1.02 Thermal Discharging
SIP073	50	'3115254_/_3115251_2'		10	10	10	1.02	10	10	4.77 No	1.02 Thermal Discharging
SIP073	51	'3097876_/_3097886'		3.33	3.33	3.33	0.34	0.47	3.33	1.59 No	0.34 Thermal Discharging
SIP073	52	'3098028_/_3098025_2'		3.33	3.33	3.33	0.34	0.5	3.33	1.59 No	0.34 Thermal Discharging
SIP073	53	'43263184_/_3093032'		10	10	10	1.02	1.4	10	4.77 No	1.02 Thermal Discharging
SIP073	54	'3115253_/_3115251_1'		10	10	10	1.02	10	10	4.77 No	1.02 Thermal Discharging
SIP073	55	'3099818_/_3099832'		3.33	3.33	3.33	0.34	0.47	3.33	1.59 No	0.34 Thermal Discharging
SIP073	56	'3097875_/_3097873'		3.33	3.33	3.33	0.34	0.47	3.33	1.59 No	0.34 Thermal Discharging
SIP073	57	'43263106_/_3097736'		10	10	10	1.02	1.4	10	4.77 No	1.02 Thermal Discharging
SIP073	58	'3117950_/_3117947_1'		10	10	10	1.02	10	10	4.77 No	1.02 Thermal Discharging
SIP073	59	'3117932_/_3117947_2'		10	10	10	1.02	10	10	4.77 No	1.02 Thermal Discharging
SIP073	60	'3117984_/_3117981'		10	10	10	1.02	10	10	4.77 No	1.02 Thermal Discharging
SIP073	61	'114617143_/_8825250_3'		10	10	10	1.02	10	10	4.77 No	1.02 Thermal Discharging
SIP073	62	'7561250_/_7561248_2'		3.33	3.33	3.33	0.34	0.3	3.33	1.59 No	0.3 Element Fault
SIP073	63	'3099819_/_3099816'		3.33	3.33	3.33	0.34	0.47	3.33	1.59 No	0.34 Thermal Discharging
SIP073	64	'3079893_/_3093015'		10	10	10	1.02	1.4	10	4.77 No	1.02 Thermal Discharging
SIP073	65	'3097754_/_43263108'		10	10	10	1.02	1.4	10	4.77 No	1.02 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SIP073	66	'3098041_/3098038'	3.33		3.33	3.33	0.34	0.5	3.33	1.59 No	0.34 Thermal Discharging
SIP073	67	'3079479_/3079496'	10		10	10	1.02	1.5	10	4.77 No	1.02 Thermal Discharging
SIP073	68	'247251848_/43263173_2'	10		10	10	1.02	3.6	10	4.77 No	1.02 Thermal Discharging
SIP073	69	'43263171_/43263173_1'	10		10	10	0.5	3.6	10	2.75 No	0.5 Thermal Discharging
SIP073	70	'393164666_/7874577_2'	3.33		3.33	3.33	0.34	0.3	3.33	1.59 No	0.3 Element Fault
SIP073	71	'43263021_/7874577_1'	3.33		3.33	3.33	0.34	0.1	3.33	1.59 No	0.1 Element Fault
SIP073	72	'3097930_/3098051'	3.33		3.33	3.33	0.34	0.5	3.33	1.59 No	0.34 Thermal Discharging
SIP073	73	'3097769_/3097766'	10		10	10	1.02	1.4	10	4.77 No	1.02 Thermal Discharging
SIP073	74	'114617151_/8825250_2'	10		10	10	1.02	10	10	4.77 No	1.02 Thermal Discharging
SIP073	75	'3154624_/8825250_1'	10		10	10	1.02	10	10	4.77 No	1.02 Thermal Discharging
SIP073	76	'3097817_/3099845'	10		10	10	0.5	3.6	10	2.75 No	0.5 Thermal Discharging
SIP073	77	'3079343_/3079891'	10		10	10	1.02	1.4	10	4.77 No	1.02 Thermal Discharging
SIP073	78	'43266583_/3154621'	10		10	10	1.02	10	10	4.77 No	1.02 Thermal Discharging
SIP073	79	'43266570_/43266572'	10		10	10	1.02	10	10	4.77 No	1.02 Thermal Discharging
SIP073	80	'3079328_/3079341'	3.33		3.33	3.33	0.34	0.3	3.33	1.59 No	0.3 Element Fault
SIP073	81	'3151315_/3151329'	10		10	10	1.02	7.9	10	4.77 No	1.02 Thermal Discharging
SIP073	82	'369955592_/3151359_1'	3.33		3.33	3.33	0.34	0.4	3.33	1.59 No	0.34 Thermal Discharging
SIP073	83	'3150731_/3151312'	10		10	10	1.02	7.9	10	4.77 No	1.02 Thermal Discharging
SIP073	84	'3079462_/3079476'	10		10	10	1.02	1.5	10	4.77 No	1.02 Thermal Discharging
SIP073	85	'43266181_/43266170'	10		10	10	1.02	7.9	10	4.77 No	1.02 Thermal Discharging
SIP073	86	'3151245_/3151359_2'	3.33		3.33	3.33	0.34	0.4	3.33	1.59 No	0.34 Thermal Discharging
SIP073	87	'43263094_/3097781'	10		10	10	1.02	1.4	10	4.77 No	1.02 Thermal Discharging
SIP073	88	'3150742_/3150756'	10		10	10	1.02	7.9	10	4.77 No	1.02 Thermal Discharging
SIP073	89	'3079860_/3079874'	10		10	10	1.02	1.4	10	4.77 No	1.02 Thermal Discharging
SIP073	90	'3097931_/3097928'	3.33		3.33	3.33	0.34	0.5	3.33	1.59 No	0.34 Thermal Discharging
SIP073	91	'3150741_/3150739'	10		10	10	1.02	7.9	10	4.77 No	1.02 Thermal Discharging
SIP073	92	'43268522_/43268524'	10		10	10	1.02	7.9	10	4.77 No	1.02 Thermal Discharging
SIP073	93	'3150730_/3150728'	3.33		3.33	3.33	0.34	2.5	3.33	1.59 No	0.34 Thermal Discharging
SIP073	94	'3151246_/3151243'	3.33		3.33	3.33	0.34	0.4	3.33	1.59 No	0.34 Thermal Discharging
SIP073	95	'3097664_/3097674'	3.33		3.33	3.33	0.34	0.1	3.33	1.59 No	0.1 Element Fault
SIP073	96	'3155395_/3155393'	3.33		3.33	3.33	0.34	2.5	3.33	1.59 No	0.34 Thermal Discharging
SIP073	97	'3142712_/3154757'	10		10	10	1.02	7.9	10	4.77 No	1.02 Thermal Discharging
SIP073	98	'43263256_/43263258'	3.33		3.33	3.33	0.34	0.3	3.33	1.59 No	0.3 Element Fault
SIP073	99	'45230723_/3151256'	3.33		3.33	3.33	0.34	0.4	3.33	1.59 No	0.34 Thermal Discharging
SIP073	100	'3142695_/3142709'	10		10	10	1.02	7.9	10	4.77 No	1.02 Thermal Discharging
SIP073	101	'3079843_/3079857'	10		10	10	1.02	1.4	10	4.77 No	1.02 Thermal Discharging
SIP073	102	'43263144_/43263146'	10		10	10	0.5	3.6	10	2.75 No	0.5 Thermal Discharging
SIP073	103	'3155312_/3155404'	3.33		3.33	3.33	0.34	2.5	3.33	1.59 No	0.34 Thermal Discharging
SIP073	104	'3079571_/3097799'	10		10	10	1.02	1.4	10	4.77 No	1.02 Thermal Discharging
SIP073	105	'65772438_/43268537_2'	3.33		3.33	3.33	0.34	1.1	3.33	1.59 No	0.34 Thermal Discharging
SIP073	106	'43262046_/3142692'	10		10	10	1.02	7.9	10	4.77 No	1.02 Thermal Discharging
SIP073	107	'3132475_/3151282'	3.33		3.33	3.33	0.34	0.4	3.33	1.59 No	0.34 Thermal Discharging
SIP073	108	'3142728_/3142726'	10		10	10	1.02	7.9	10	4.77 No	1.02 Thermal Discharging
SIP073	109	'3142905_/353207771_1'	10		10	10	1.02	1.5	10	4.77 No	1.02 Thermal Discharging
SIP073	110	'353207757_/353207771_2'	10		10	10	1.02	1.5	10	4.77 No	1.02 Thermal Discharging
SIP073	111	'43268535_/43268537_1'	3.33		3.33	3.33	0.34	0.5	3.33	1.59 No	0.34 Thermal Discharging
SIP073	112	'3155311_/3155309'	3.33		3.33	3.33	0.34	2.5	3.33	1.59 No	0.34 Thermal Discharging
SIP073	113	'3142922_/3142919'	10		10	10	1.02	1.5	10	4.77 No	1.02 Thermal Discharging
SIP073	114	'3142836_/3142885'	10		10	10	1.02	7.9	10	4.77 No	1.02 Thermal Discharging
SIP073	115	'43263010_/43263012'	3.33		3.33	3.33	0.34	0.1	3.33	1.59 No	0.1 Element Fault
SIP073	116	'3142939_/3142936'	10		10	10	1.02	1.5	10	4.77 No	1.02 Thermal Discharging
SIP073	117	'3142816_/3142834'	10		10	10	1.02	7.9	10	4.77 No	1.02 Thermal Discharging
SIP073	118	'3155286_/3155283_2'	3.33		3.33	3.33	0.34	1.1	3.33	1.59 No	0.34 Thermal Discharging
SIP073	119	'3142799_/3142814'	10		10	10	1.02	7.9	10	4.77 No	1.02 Thermal Discharging
SIP073	120	'3142956_/3142953'	10		10	10	1.02	1.5	10	4.77 No	1.02 Thermal Discharging
SIP073	121	'3148737_/3155296'	3.33		3.33	3.33	0.34	2.5	3.33	1.59 No	0.34 Thermal Discharging
SIP073	122	'3142800_/3142797'	10		10	10	1.02	7.9	10	4.77 No	1.02 Thermal Discharging
SIP073	123	'3142972_/3142990'	10		10	10	1.02	1.5	10	4.77 No	1.02 Thermal Discharging
SIP073	124	'3079572_/3079569'	10		10	10	1.02	1.4	10	4.77 No	1.02 Thermal Discharging
SIP073	125	'3142783_/3142851'	10		10	10	1.02	7.9	10	4.77 No	1.02 Thermal Discharging
SIP073	126	'43263043_/3132473'	3.33		3.33	3.33	0.34	0.4	3.33	1.59 No	0.34 Thermal Discharging
SIP073	127	'3142973_/3142970'	10		10	10	1.02	1.5	10	4.77 No	1.02 Thermal Discharging
SIP073	128	'43263223_/3097941'	3.33		3.33	3.33	0.34	0.5	3.33	1.59 No	0.34 Thermal Discharging
SIP073	129	'43262009_/3142780'	10		10	10	1.02	7.9	10	4.77 No	1.02 Thermal Discharging
SIP073	130	'3079673_/3079670'	6.67		6.67	6.67	0.68	0.93	6.67	3.18 No	0.68 Thermal Discharging
SIP073	131	'43261998_/3148747'	3.33		3.33	3.33	0.34	1.4	3.33	1.59 No	0.34 Thermal Discharging
SIP073	132	'3142766_/3142868'	10		10	10	1.02	7.9	10	4.77 No	1.02 Thermal Discharging
SIP073	133	'43262861_/3148734'	3.33		3.33	3.33	0.34	2.5	3.33	1.59 No	0.34 Thermal Discharging
SIP073	134	'3146812_/3146809_2'	3.33		3.33	3.33	0.34	1.4	3.33	1.59 No	0.34 Thermal Discharging
SIP073	135	'3142749_/3142763'	10		10	10	1.02	7.9	10	4.77 No	1.02 Thermal Discharging
SIP073	136	'3147354_/3147368'	10		10	10	1.02	1.5	10	4.77 No	1.02 Thermal Discharging
SIP073	137	'3079314_/3079312'	3.33		3.33	3.33	0.34	0.3	3.33	1.59 No	0.3 Element Fault
SIP073	138	'3146974_/757250067_3'	3.33		3.33	3.33	0.34	0.5	3.33	1.59 No	0.34 Thermal Discharging
SIP073	139	'3155382_/3155485'	3.33		3.33	3.33	0.34	0.5	3.33	1.59 No	0.34 Thermal Discharging
SIP073	140	'44068037_/44068039'	10		10	10	1.02	1.4	10	4.77 No	1.02 Thermal Discharging
SIP073	141	'43262022_/3142746'	10		10	10	1.02	7.9	10	4.77 No	1.02 Thermal Discharging
SIP073	142	'3147334_/3147351'	10		10	10	1.02	1.5	10	4.77 No	1.02 Thermal Discharging
SIP073	143	'3093142_/3097648'	3.33		3.33	3.33	0.34	0.1	3.33	1.59 No	0.1 Element Fault
SIP073	144	'353685736_/3079587'	10		10	10	1.02	1.4	10	4.77 No	1.02 Thermal Discharging
SIP073	145	'3115038_/3150440'	10		10	10	1.02	7.9	10	4.77 No	1.02 Thermal Discharging
SIP073	146	'43262059_/43262061'	6.67		6.67	6.67	0.68	2.1	6.67	3.18 No	0.68 Thermal Discharging
SIP073	147	'43263158_/3098100'	10		10	10	0.5	3.6	10	2.75 No	0.5 Thermal Discharging
SIP073	148	'43262104_/3146645'	10		10	10	1.02	1.5	10	4.77 No	1.02 Thermal Discharging
SIP073	149	'3079445_/3079459'	10		10	10	1.02	1.5	10	4.77 No	1.02 Thermal Discharging
SIP073	150	'3147333_/3147331'	10		10	10	1.02	1.5	10	4.77 No	1.02 Thermal Discharging
SIP073	151	'3096791_/3115035'	10		10	10	1.02	7.9	10	4.77 No	1.02 Thermal Discharging
SIP073	152	'3146615_/3146612_2'	6.67		6.67	6.67	0.68	2.1	6.67	3.18 No	0.68 Thermal Discharging
SIP073	153	'3155357_/3155354'	3.33		3.33	3.33	0.34	0.4	3.33	1.59 No	0.34 Thermal Discharging
SIP073	154	'43264347_/3105240'	10		10	10	1.02	7.9	10	4.77 No	1.02 Thermal Discharging
SIP073	155	'3148841_/757250067_2'	3.33		3.33	3.33	0.34	0.5	3.33	1.59 No	0.34 Thermal Discharging
SIP073	156	'3146864_/3155283_1'	3.33		3.33	3.33	0.34	0.4	3.33	1.59 No	0.34 Thermal Discharging
SIP073	157	'3146799_/3146809_1'	3.33		3.33	3.33	0.34	0.5	3.33	1.59 No	0.34 Thermal Discharging
SIP073	158	'3096779_/3096776_2'	3.33		3.33	3.33	0.34	1	3.33	1.59 No	0.34 Thermal Discharging
SIP073	159	'3103813_/43264349'	10		10	10	1.02	7.9	10	4.77 No	1.02 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SIP073	160	'3116277_/_3116274'	3.33		3.33	3.33	0.34	0.5	3.33	1.59 No	0.34 Thermal Discharging
SIP073	161	'43262082_/_757250067_1'	3.33		3.33	3.33	0.34	0.5	3.33	1.59 No	0.34 Thermal Discharging
SIP073	162	'3155383_/_3155380'	3.33		3.33	3.33	0.34	0.5	3.33	1.59 No	0.34 Thermal Discharging
SIP073	163	'3115738_/_3115735'	10		10	10	1.02	7.9	10	4.77 No	1.02 Thermal Discharging
SIP073	164	'43262093_/_3146724'	3.33		3.33	3.33	0.34	0.5	3.33	1.59 No	0.34 Thermal Discharging
SIP073	165	'43264334_/_3115755'	10		10	10	1.02	7.9	10	4.77 No	1.02 Thermal Discharging
SIP073	166	'3103814_/_3103824_1'	3.33		3.33	3.33	0.34	0.5	3.33	1.59 No	0.34 Thermal Discharging
SIP073	167	'43263289_/_3079690'	3.33		3.33	3.33	0.34	0.47	3.33	1.59 No	0.34 Thermal Discharging
SIP073	168	'3146876_/_3146874'	3.33		3.33	3.33	0.34	0.4	3.33	1.59 No	0.34 Thermal Discharging
SIP073	169	'3103878_/_43264336'	10		10	10	1.02	7.9	10	4.77 No	1.02 Thermal Discharging
SIP073	170	'3146798_/_3146796'	3.33		3.33	3.33	0.34	0.5	3.33	1.59 No	0.34 Thermal Discharging
SIP073	171	'3115775_/_3115772'	10		10	10	1.02	7.9	10	4.77 No	1.02 Thermal Discharging
SIP073	172	'757250015_/_757250080_2'	3.33		3.33	3.33	0.34	0.5	3.33	1.59 No	0.34 Thermal Discharging
SIP073	173	'3103879_/_3103889_1'	3.33		3.33	3.33	0.34	0.4	3.33	1.59 No	0.34 Thermal Discharging
SIP073	174	'3146614_/_3146612_1'	6.67		6.67	6.67	0.68	1	6.67	3.18 No	0.68 Thermal Discharging
SIP073	175	'3146709_/_3146707'	10		10	10	1.02	1.5	10	4.77 No	1.02 Thermal Discharging
SIP073	176	'3147456_/_3147454'	3.33		3.33	3.33	0.34	0.5	3.33	1.59 No	0.34 Thermal Discharging
SIP073	177	'3079790_/_43263056'	10		10	10	0.5	3.6	10	2.75 No	0.5 Thermal Discharging
SIP073	178	'3155433_/_3155430_1'	3.33		3.33	3.33	0.34	0.5	3.33	1.59 No	0.34 Thermal Discharging
SIP073	179	'757250082_/_757250080_1'	3.33		3.33	3.33	0.34	0.5	3.33	1.59 No	0.34 Thermal Discharging
SIP073	180	'3115792_/_3115789'	10		10	10	1.02	7.9	10	4.77 No	1.02 Thermal Discharging
SIP073	181	'3155370_/_3155367'	3.33		3.33	3.33	0.34	0.4	3.33	1.59 No	0.34 Thermal Discharging
SIP073	182	'3079789_/_3116259_1'	10		10	10	0.5	0.6	10	2.75 No	0.5 Thermal Discharging
SIP073	183	'3079823_/_3079840'	10		10	10	1.02	1.4	10	4.77 No	1.02 Thermal Discharging
SIP073	184	'3079608_/_353685744'	10		10	10	1.02	1.4	10	4.77 No	1.02 Thermal Discharging
SIP073	185	'43268546_/_3155430_2'	3.33		3.33	3.33	0.34	0.5	3.33	1.59 No	0.34 Thermal Discharging
SIP073	186	'3148783_/_3148780'	3.33		3.33	3.33	0.34	0.5	3.33	1.59 No	0.34 Thermal Discharging
SIP073	187	'3147391_/_3147388'	6.67		6.67	6.67	0.68	1	6.67	3.18 No	0.68 Thermal Discharging
SIP073	188	'43264310_/_3115826'	10		10	10	1.02	7.9	10	4.77 No	1.02 Thermal Discharging
SIP073	189	'43264360_/_3103824_2'	3.33		3.33	3.33	0.34	0.5	3.33	1.59 No	0.34 Thermal Discharging
SIP073	190	'3115846_/_43264312'	10		10	10	1.02	7.9	10	4.77 No	1.02 Thermal Discharging
SIP073	191	'3146851_/_3146861'	3.33		3.33	3.33	0.34	0.4	3.33	1.59 No	0.34 Thermal Discharging
SIP073	192	'3103892_/_3103889_2'	3.33		3.33	3.33	0.34	0.4	3.33	1.59 No	0.34 Thermal Discharging
SIP073	193	'3079709_/_43263291'	3.33		3.33	3.33	0.34	0.47	3.33	1.59 No	0.34 Thermal Discharging
SIP073	194	'3098066_/_3116313'	3.33		3.33	3.33	0.34	0.5	3.33	1.59 No	0.34 Thermal Discharging
SIP073	195	'3146893_/_3146890'	3.33		3.33	3.33	0.34	0.4	3.33	1.59 No	0.34 Thermal Discharging
SIP073	196	'3079555_/_3132528'	3.33		3.33	3.33	0.34	1	3.33	1.59 No	0.34 Thermal Discharging
SIP073	197	'43264295_/_3115860'	10		10	10	1.02	7.9	10	4.77 No	1.02 Thermal Discharging
SIP073	198	'757250103_/_757250101'	3.33		3.33	3.33	0.34	0.5	3.33	1.59 No	0.34 Thermal Discharging
SIP073	199	'43261987_/_3146822'	3.33		3.33	3.33	0.34	0.5	3.33	1.59 No	0.34 Thermal Discharging
SIP073	200	'3146932_/_757250125_2'	3.33		3.33	3.33	0.34	0.5	3.33	1.59 No	0.34 Thermal Discharging
SIP073	201	'3098149_/_3098162'	3.33		3.33	3.33	0.34	0.3	3.33	1.59 No	0.3 Element Fault
SIP073	202	'3096778_/_3096776_1'	3.33		3.33	3.33	0.34	0.1	3.33	1.59 No	0.1 Element Fault
SIP073	203	'3115880_/_3115877'	10		10	10	1.02	7.9	10	4.77 No	1.02 Thermal Discharging
SIP073	204	'3146668_/_3146665'	3.33		3.33	3.33	0.34	0.5	3.33	1.59 No	0.34 Thermal Discharging
SIP073	205	'3106116_/_3115914'	10		10	10	1.02	7.9	10	4.77 No	1.02 Thermal Discharging
SIP073	206	'3116290_/_3116287'	3.33		3.33	3.33	0.34	0.5	3.33	1.59 No	0.34 Thermal Discharging
SIP073	207	'3137357_/_3155443'	3.33		3.33	3.33	0.34	0.4	3.33	1.59 No	0.34 Thermal Discharging
SIP073	208	'43262139_/_43262141'	6.67		6.67	6.67	0.68	1	6.67	3.18 No	0.68 Thermal Discharging
SIP073	209	'3079623_/_3079620'	10		10	10	1.02	1.4	10	4.77 No	1.02 Thermal Discharging
SIP073	210	'3104994_/_3115894'	10		10	10	1.02	7.9	10	4.77 No	1.02 Thermal Discharging
SIP073	211	'3103794_/_3104992'	10		10	10	1.02	7.9	10	4.77 No	1.02 Thermal Discharging
SIP073	212	'43263312_/_43263314'	10		10	10	1.02	1.5	10	4.77 No	1.02 Thermal Discharging
SIP073	213	'43264323_/_3103905'	3.33		3.33	3.33	0.34	0.4	3.33	1.59 No	0.34 Thermal Discharging
SIP073	214	'757250127_/_757250125_1'	3.33		3.33	3.33	0.34	0.5	3.33	1.59 No	0.34 Thermal Discharging
SIP073	215	'3104155_/_3104153_1'	6.67		6.67	6.67	0.06	2.3	6.67	3.18 No	0.06 Thermal Discharging
SIP073	216	'3093101_/_3116259_2'	10		10	10	0.5	0.6	10	2.75 No	0.5 Thermal Discharging
SIP073	217	'3079556_/_3079553'	3.33		3.33	3.33	0.34	1	3.33	1.59 No	0.34 Thermal Discharging
SIP073	218	'350316372_/_3093099'	10		10	10	0.5	0.6	10	2.75 No	0.5 Thermal Discharging
SIP073	219	'3098067_/_3098064'	3.33		3.33	3.33	0.34	0.5	3.33	1.59 No	0.34 Thermal Discharging
SIP073	220	'3115937_/_3115934'	10		10	10	1.02	7.9	10	4.77 No	1.02 Thermal Discharging
SIP073	221	'44068378_/_44068380'	10		10	10	1.02	1.4	10	4.77 No	1.02 Thermal Discharging
SIP073	222	'3132488_/_3137355'	3.33		3.33	3.33	0.34	0.4	3.33	1.59 No	0.34 Thermal Discharging
SIP073	223	'43262117_/_3151113'	3.33		3.33	3.33	0.34	0.5	3.33	1.59 No	0.34 Thermal Discharging
SIP073	224	'3103840_/_3103837'	3.33		3.33	3.33	0.34	0.5	3.33	1.59 No	0.34 Thermal Discharging
SIP073	225	'3136254_/_3136345'	10		10	10	0.5	3.6	10	2.75 No	0.5 Thermal Discharging
SIP073	226	'3103959_/_3115951'	10		10	10	1.02	7.9	10	4.77 No	1.02 Thermal Discharging
SIP073	227	'3096833_/_3096830'	3.33		3.33	3.33	0.34	0.1	3.33	1.59 No	0.1 Element Fault
SIP073	228	'3137370_/_3155498'	3.33		3.33	3.33	0.34	0.5	3.33	1.59 No	0.34 Thermal Discharging
SIP073	229	'3147409_/_3147406'	6.67		6.67	6.67	0.68	1	6.67	3.18 No	0.68 Thermal Discharging
SIP073	230	'3146773_/_3146783'	3.33		3.33	3.33	0.34	0.5	3.33	1.59 No	0.34 Thermal Discharging
SIP073	231	'3115971_/_3115968'	10		10	10	1.02	7.9	10	4.77 No	1.02 Thermal Discharging
SIP073	232	'3097956_/_3116300'	3.33		3.33	3.33	0.34	0.5	3.33	1.59 No	0.34 Thermal Discharging
SIP073	233	'3103960_/_3103970_1'	3.33		3.33	3.33	0.34	0.4	3.33	1.59 No	0.34 Thermal Discharging
SIP073	234	'43263278_/_3079719'	3.33		3.33	3.33	0.34	0.47	3.33	1.59 No	0.34 Thermal Discharging
SIP073	235	'3103921_/_43264325'	3.33		3.33	3.33	0.34	0.4	3.33	1.59 No	0.34 Thermal Discharging
SIP073	236	'3146681_/_3146678'	3.33		3.33	3.33	0.34	0.5	3.33	1.59 No	0.34 Thermal Discharging
SIP073	237	'3146518_/_3146597'	6.67		6.67	6.67	0.68	1	6.67	3.18 No	0.68 Thermal Discharging
SIP073	238	'3104736_/_3115985'	10		10	10	1.02	7.9	10	4.77 No	1.02 Thermal Discharging
SIP073	239	'43262999_/_3093140'	2.43		3.33	3.33	0.34	0.1	3.33	1.59 No	0.1 Element Fault
SIP073	240	'757250148_/_757250146'	3.33		3.33	3.33	0.34	0.5	3.33	1.59 No	0.34 Thermal Discharging
SIP073	241	'43263300_/_3079635'	10		10	10	1.02	1.4	10	4.77 No	1.02 Thermal Discharging
SIP073	242	'3132489_/_3132486'	3.33		3.33	3.33	0.34	0.4	3.33	1.59 No	0.34 Thermal Discharging
SIP073	243	'43264284_/_43264286'	10		10	10	1.02	3.3	10	4.77 No	1.02 Thermal Discharging
SIP073	244	'578230513_/_3136439'	10		10	10	0.5	3.6	10	2.75 No	0.5 Thermal Discharging
SIP073	245	'43262035_/_3146848'	3.33		3.33	3.33	0.34	0.4	3.33	1.59 No	0.34 Thermal Discharging
SIP073	246	'3104737_/_3104734'	10		10	10	1.02	7.9	10	4.77 No	1.02 Thermal Discharging
SIP073	247	'3104119_/_3104153_2'	6.67		6.67	6.67	0.06	2.3	6.67	3.18 No	0.06 Thermal Discharging
SIP073	248	'3147427_/_3147424'	6.67		6.67	6.67	0.68	1	6.67	3.18 No	0.68 Thermal Discharging
SIP073	249	'578230643_/_578230577_1'	10		10	10	0.5	0.9	10	2.75 No	0.5 Thermal Discharging
SIP073	250	'3146757_/_3146770'	3.33		3.33	3.33	0.34	0.5	3.33	1.59 No	0.34 Thermal Discharging
SIP073	251	'3104754_/_3104751'	10		10	10	1.02	7.9	10	4.77 No	1.02 Thermal Discharging
SIP073	252	'3132320_/_3146515'	6.67		6.67	6.67	0.68	1	6.67	3.18 No	0.68 Thermal Discharging
SIP073	253	'3104139_/_3104137_1'	3.33		3.33	3.33	0.03	0.4	3.33	1.59 No	0.03 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SIP073	254	'156029467_/_/3264273_2'	10	10	10	1.02	3.3	10	4.77 No	1.02	Thermal Discharging
SIP073	255	'43264382_/_/3103970_2'	3.33	3.33	3.33	0.34	0.4	3.33	1.59 No	0.34	Thermal Discharging
SIP073	256	'3137371_/_/3137368'	3.33	3.33	3.33	0.34	0.5	3.33	1.59 No	0.34	Thermal Discharging
SIP073	257	'3104771_/_/3104768'	10	10	10	1.02	7.9	10	4.77 No	1.02	Thermal Discharging
SIP073	258	'3098133_/_/3098146'	3.33	3.33	3.33	0.34	0.3	3.33	1.59 No	0.3	Element Fault
SIP073	259	'3079822_/_/3079820'	10	10	10	1.02	1.4	10	4.77 No	1.02	Thermal Discharging
SIP073	260	'3097957_/_/3097954'	3.33	3.33	3.33	0.34	0.5	3.33	1.59 No	0.34	Thermal Discharging
SIP073	261	'3146987_/_/3146984'	3.33	3.33	3.33	0.34	0.5	3.33	1.59 No	0.34	Thermal Discharging
SIP073	262	'578230561_/_/578230577_2'	10	10	10	0.5	0.9	10	2.75 No	0.5	Thermal Discharging
SIP073	263	'3103853_/_/3103850'	3.33	3.33	3.33	0.34	0.5	3.33	1.59 No	0.34	Thermal Discharging
SIP073	264	'3104788_/_/3104785'	10	10	10	1.02	7.9	10	4.77 No	1.02	Thermal Discharging
SIP073	265	'3096846_/_/3096843'	3.33	3.33	3.33	0.34	0.1	3.33	1.59 No	0.1	Element Fault
SIP073	266	'345441972_/_/3146754'	3.33	3.33	3.33	0.34	0.5	3.33	1.59 No	0.34	Thermal Discharging
SIP073	267	'3146488_/_/3146500'	6.67	6.67	6.67	0.68	1	6.67	3.18 No	0.68	Thermal Discharging
SIP073	268	'3101819_/_/3136251'	10	10	10	0.5	3.4	10	2.75 No	0.5	Thermal Discharging
SIP073	269	'3147442_/_/3147439'	6.67	6.67	6.67	0.68	1	6.67	3.18 No	0.68	Thermal Discharging
SIP073	270	'43264415_/_/3104137_2'	3.33	3.33	3.33	0.03	0.4	3.33	1.59 No	0.03	Thermal Discharging
SIP073	271	'3146697_/_/3146694'	3.33	3.33	3.33	0.34	0.5	3.33	1.59 No	0.34	Thermal Discharging
SIP073	272	'43264271_/_/43264273_1'	10	10	10	1.02	1.6	10	4.77 No	1.02	Thermal Discharging
SIP073	273	'3104106_/_/3104116'	6.67	6.67	6.67	0.06	2.1	6.67	3.18 No	0.06	Thermal Discharging
SIP073	274	'3079411_/_/3079425'	6.8	10	10	1.02	1.5	10	4.77 No	1.02	Thermal Discharging
SIP073	275	'43264715_/_/3104802'	10	10	10	1.02	7.9	10	4.77 No	1.02	Thermal Discharging
SIP073	276	'3104822_/_/43264717'	10	10	10	1.02	7.9	10	4.77 No	1.02	Thermal Discharging
SIP073	277	'43263305_/_/43263302'	10	10	10	1.02	1.4	10	4.77 No	1.02	Thermal Discharging
SIP073	278	'3104174_/_/3104171'	6.67	6.67	6.67	0.06	2.1	6.67	3.18 No	0.06	Thermal Discharging
SIP073	279	'3104839_/_/3104836'	10	10	10	1.02	7.9	10	4.77 No	1.02	Thermal Discharging
SIP073	280	'3146546_/_/3146556'	3.33	3.33	3.33	0.34	0.5	3.33	1.59 No	0.34	Thermal Discharging
SIP073	281	'43263234_/_/3097970'	3.33	3.33	3.33	0.34	0.5	3.33	1.59 No	0.34	Thermal Discharging
SIP073	282	'43263283_/_/43263280'	3.33	3.33	3.33	0.34	0.47	3.33	1.59 No	0.34	Thermal Discharging
SIP073	283	'43264371_/_/3103863'	3.33	3.33	3.33	0.34	0.5	3.33	1.59 No	0.34	Thermal Discharging
SIP073	284	'3104140_/_/43264417'	3.33	3.33	3.33	0.03	0.4	3.33	1.59 No	0.03	Thermal Discharging
SIP073	285	'3104856_/_/3104853'	10	10	10	1.02	7.9	10	4.77 No	1.02	Thermal Discharging
SIP073	286	'3097609_/_/3097619'	1.6	3.33	3.33	0.34	0.1	3.33	1.59 No	0.1	Element Fault
SIP073	287	'426614049_/_/407312625'	7.4	10	10	1.02	1.4	10	4.77 No	1.02	Thermal Discharging
SIP073	288	'3147000_/_/3146997'	3.33	3.33	3.33	0.34	0.5	3.33	1.59 No	0.34	Thermal Discharging
SIP073	289	'407312649_/_/426614051'	7.2	10	10	1.02	1.4	10	4.77 No	1.02	Thermal Discharging
SIP073	290	'3103743_/_/3103757'	10	10	10	1.02	1.6	10	4.77 No	1.02	Thermal Discharging
SIP073	291	'407312716_/_/407312670_1'	7.2	10	10	1.02	0.6	10	4.77 No	0.6	Element Fault
SIP073	292	'108186520_/_/108186433_1'	1.53	3.33	3.33	0.34	0.1	3.33	1.59 No	0.1	Element Fault
SIP073	293	'43264739_/_/3104873'	10	10	10	1.02	7.9	10	4.77 No	1.02	Thermal Discharging
SIP073	294	'3137386_/_/3137429'	3.33	3.33	3.33	0.34	0.5	3.33	1.59 No	0.34	Thermal Discharging
SIP073	295	'43263267_/_/43263269'	3.33	3.33	3.33	0.34	0.3	3.33	1.59 No	0.3	Element Fault
SIP073	296	'43263197_/_/3093049'	6.9	10	10	1.02	1.4	10	4.77 No	1.02	Thermal Discharging
SIP073	297	'3146838_/_/3146903'	3.33	3.33	3.33	0.34	0.4	3.33	1.59 No	0.34	Thermal Discharging
SIP073	298	'3146473_/_/3146485'	6.67	6.67	6.67	0.68	1	6.67	3.18 No	0.68	Thermal Discharging
SIP073	299	'3136270_/_/578230517'	10	10	10	0.5	3.6	10	2.75 No	0.5	Thermal Discharging
SIP073	300	'3104892_/_/43264741'	10	10	10	1.02	7.9	10	4.77 No	1.02	Thermal Discharging
SIP073	301	'43264426_/_/3104189'	6.67	6.67	6.67	0.06	2.1	6.67	3.18 No	0.06	Thermal Discharging
SIP073	302	'7873422_/_/407312670_2'	6.4	10	10	1.02	0.6	10	4.77 No	0.6	Element Fault
SIP073	303	'3146533_/_/3146543'	3.33	3.33	3.33	0.34	0.5	3.33	1.59 No	0.34	Thermal Discharging
SIP073	304	'3101799_/_/43264048'	10	10	10	0.5	3.4	10	2.75 No	0.5	Thermal Discharging
SIP073	305	'3103934_/_/43264373'	3.33	3.33	3.33	0.34	0.5	3.33	1.59 No	0.34	Thermal Discharging
SIP073	306	'3104893_/_/3104890'	10	10	10	1.02	7.9	10	4.77 No	1.02	Thermal Discharging
SIP073	307	'3103726_/_/3103740'	10	10	10	1.02	1.6	10	4.77 No	1.02	Thermal Discharging
SIP073	308	'3103999_/_/3103996'	3.33	3.33	3.33	0.34	0.4	3.33	1.59 No	0.34	Thermal Discharging
SIP073	309	'3146837_/_/3146835'	3.33	3.33	3.33	0.34	0.4	3.33	1.59 No	0.34	Thermal Discharging
SIP073	310	'3104910_/_/3104907'	10	10	10	1.02	7.9	10	4.77 No	1.02	Thermal Discharging
SIP073	311	'3097986_/_/43263236'	3.33	3.33	3.33	0.34	0.5	3.33	1.59 No	0.34	Thermal Discharging
SIP073	312	'3099992_/_/3137384'	3.33	3.33	3.33	0.34	0.5	3.33	1.59 No	0.34	Thermal Discharging
SIP073	313	'3146458_/_/3146470'	6.67	6.67	6.67	0.68	1	6.67	3.18 No	0.68	Thermal Discharging
SIP073	314	'535858316_/_/535858313'	10	10	10	1.02	7.9	10	4.77 No	1.02	Thermal Discharging
SIP073	315	'3099926_/_/3099924_1'	3.33	3.33	3.33	0.34	0.3	3.33	1.59 No	0.3	Element Fault
SIP073	316	'3099885_/_/3099882_2'	3.33	3.33	3.33	0.34	0.5	3.33	1.59 No	0.34	Thermal Discharging
SIP073	317	'43262128_/_/3147010'	3.33	3.33	3.33	0.34	0.5	3.33	1.59 No	0.34	Thermal Discharging
SIP073	318	'3136271_/_/3136268'	10	10	10	0.5	3.6	10	2.75 No	0.5	Thermal Discharging
SIP073	319	'535858334_/_/535858331'	10	10	10	1.02	7.9	10	4.77 No	1.02	Thermal Discharging
SIP073	320	'43264404_/_/3103944'	3.33	3.33	3.33	0.34	0.5	3.33	1.59 No	0.34	Thermal Discharging
SIP073	321	'3093052_/_/43263199'	5.2	10	10	1.02	0.3	10	4.77 No	0.3	Element Fault
SIP073	322	'3098132_/_/3098130'	3.33	3.33	3.33	0.34	0.3	3.33	1.59 No	0.3	Element Fault
SIP073	323	'108186436_/_/108186433_2'	1.3	3.33	3.33	0.34	0.1	3.33	1.59 No	0.1	Element Fault
SIP073	324	'3104210_/_/3104207'	6.67	6.67	6.67	0.06	2.1	6.67	3.18 No	0.06	Thermal Discharging
SIP073	325	'451452841_/_/451452855'	10	10	10	0.5	3.6	10	2.75 No	0.5	Thermal Discharging
SIP073	326	'535858352_/_/535858584'	10	10	10	1.02	7.9	10	4.77 No	1.02	Thermal Discharging
SIP073	327	'43262988_/_/43262990'	1.23	3.33	3.33	0.34	0.1	3.33	1.59 No	0.1	Element Fault
SIP073	328	'535858370_/_/535858367'	10	10	10	1.02	7.9	10	4.77 No	1.02	Thermal Discharging
SIP073	329	'3103709_/_/3103723'	10	10	10	1.02	1.6	10	4.77 No	1.02	Thermal Discharging
SIP073	330	'3146532_/_/3146530'	3.33	3.33	3.33	0.34	0.5	3.33	1.59 No	0.34	Thermal Discharging
SIP073	331	'3099884_/_/3099882_1'	3.33	3.33	3.33	0.34	0.3	3.33	1.59 No	0.3	Element Fault
SIP073	332	'3103131_/_/3136302'	10	10	10	0.5	3.6	10	2.75 No	0.5	Thermal Discharging
SIP073	333	'3104225_/_/3104222'	6.67	6.67	6.67	0.06	2.1	6.67	3.18 No	0.06	Thermal Discharging
SIP073	334	'43261953_/_/3146455'	6.67	6.67	6.67	0.68	1	6.67	3.18 No	0.68	Thermal Discharging
SIP073	335	'3079377_/_/3079391'	4.2	10	10	1.02	1.5	10	4.77 No	1.02	Thermal Discharging
SIP073	336	'3097999_/_/3097996'	3.33	3.33	3.33	0.34	0.5	3.33	1.59 No	0.34	Thermal Discharging
SIP073	337	'8823699_/_/8823696'	4.7	10	10	1.02	0.3	10	4.77 No	0.3	Element Fault
SIP073	338	'3137400_/_/3137397'	3.33	3.33	3.33	0.34	0.5	3.33	1.59 No	0.34	Thermal Discharging
SIP073	339	'3136288_/_/3136285'	10	10	10	0.5	3.4	10	2.75 No	0.5	Thermal Discharging
SIP073	340	'8506638_/_/118707950_1'	4.1	10	10	1.02	0.6	10	4.77 No	0.6	Element Fault
SIP073	341	'451453413_/_/451453410'	10	10	10	0.5	3.6	10	2.75 No	0.5	Thermal Discharging
SIP073	342	'3096804_/_/3108773'	3.33	3.33	3.33	0.34	0.5	3.33	1.59 No	0.34	Thermal Discharging
SIP073	343	'3146587_/_/43261967'	3.33	3.33	3.33	0.34	0.5	3.33	1.59 No	0.34	Thermal Discharging
SIP073	344	'3147026_/_/43262130'	3.33	3.33	3.33	0.34	0.5	3.33	1.59 No	0.34	Thermal Discharging
SIP073	345	'500816481_/_/3103706'	10	10	10	1.02	1.6	10	4.77 No	1.02	Thermal Discharging
SIP073	346	'3136402_/_/3136399'	10	10	10	0.5	3.4	10	2.75 No	0.5	Thermal Discharging
SIP073	347	'43264462_/_/43264464'	3.33	3.33	3.33	0.03	1	3.33	1.59 No	0.03	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SIP073	348	'3136461_/3136459_1'		10	10	10	0.5	0.9	10	2.75 No	0.5 Thermal Discharging
SIP073	349	'500816522_/692565401_2'		10	10	10	1.02	1.6	10	4.77 No	1.02 Thermal Discharging
SIP073	350	'3103132_/3103129'		10	10	10	0.5	3.6	10	2.75 No	0.5 Thermal Discharging
SIP073	351	'3104359_/3104356_3'	3.33	3.33	3.33	0.03	1	3.33	1.59 No	0.03 Thermal Discharging	
SIP073	352	'3136367_/3136459_2'		10	10	10	0.5	0.9	10	2.75 No	0.5 Thermal Discharging
SIP073	353	'43264033_/43264035'		10	10	10	0.5	3.4	10	2.75 No	0.5 Thermal Discharging
SIP073	354	'3146443_/3146569'	6.67	6.67	6.67	0.68	1	6.67	3.18 No	0.68 Thermal Discharging	
SIP073	355	'43266707_/3099895'	3.33	3.33	3.33	0.34	0.3	3.33	1.59 No	0.3 Element Fault	
SIP073	356	'3104012_/3104009'	3.33	3.33	3.33	0.34	0.4	3.33	1.59 No	0.34 Thermal Discharging	
SIP073	357	'43264438_/3104237'	6.67	6.67	6.67	0.06	2.1	6.67	3.18 No	0.06 Thermal Discharging	
SIP073	358	'43268118_/3136365'		10	10	10	0.5	0.9	10	2.75 No	0.5 Thermal Discharging
SIP073	359	'420726133_/108186465_1'	1.1	3.33	3.33	0.34	0.1	3.33	1.59 No	0.1 Element Fault	
SIP073	360	'43266696_/3099924_2'	3.33	3.33	3.33	0.34	0.3	3.33	1.59 No	0.3 Element Fault	
SIP073	361	'3103027_/3136382'		10	10	10	0.5	0.9	10	2.75 No	0.5 Thermal Discharging
SIP073	362	'3103149_/451453430'		10	10	10	0.5	3.6	10	2.75 No	0.5 Thermal Discharging
SIP073	363	'108186468_/108186465_2'	1.1	3.33	3.33	0.34	0.1	3.33	1.59 No	0.1 Element Fault	
SIP073	364	'736701971_/72642258_1'		10	10	10	0.5	0.9	10	2.75 No	0.5 Thermal Discharging
SIP073	365	'3161413_/3161410'		10	10	10	0.5	3.6	10	2.75 No	0.5 Thermal Discharging
SIP073	366	'736701956_/72642258_2'		10	10	10	0.5	0.9	10	2.75 No	0.5 Thermal Discharging
SIP073	367	'3103028_/3103025'		10	10	10	0.5	0.9	10	2.75 No	0.5 Thermal Discharging
SIP073	368	'3104346_/3104356_2'	3.33	3.33	3.33	0.03	0.1	3.33	1.59 No	0.03 Thermal Discharging	
SIP073	369	'736701995_/72642060_1'		10	10	10	0.5	0.9	10	2.75 No	0.5 Thermal Discharging
SIP073	370	'90148266_/72642258_3'		10	10	10	0.5	0.9	10	2.75 No	0.5 Thermal Discharging
SIP073	371	'72642148_/72642060_2'		10	10	10	0.5	0.9	10	2.75 No	0.5 Thermal Discharging
SIP073	372	'3103675_/692565401_1'		10	10	10	0.13	1.6	10	4.85 No	0.13 Thermal Discharging
SIP073	373	'692565337_/692565381'		10	10	10	0.13	1.6	10	4.85 No	0.13 Thermal Discharging
SIP073	374	'385596603_/3108737_1'	3.33	3.33	3.33	0.17	0.1	3.33	0.92 No	0.1 Element Fault	
SIP073	375	'43264508_/3104356_1'	3.33	3.33	3.33	0.03	0.1	3.33	1.59 No	0.03 Thermal Discharging	
SIP073	376	'3103207_/3103204'		10	10	10	0.5	0.9	10	2.75 No	0.5 Thermal Discharging
SIP073	377	'3103082_/3103096'		10	10	10	0.5	0.9	10	2.75 No	0.5 Thermal Discharging
SIP073	378	'3103241_/3103238'		10	10	10	0.5	0.9	10	2.75 No	0.5 Thermal Discharging
SIP073	379	'3147039_/3147036'	3.33	3.33	3.33	0.34	0.5	3.33	1.59 No	0.34 Thermal Discharging	
SIP073	380	'72642044_/72642060_3'		10	10	10	0.5	0.9	10	2.75 No	0.5 Thermal Discharging
SIP073	381	'3104255_/43264440'	6.67	6.67	6.67	0.06	2.1	6.67	3.18 No	0.06 Thermal Discharging	
SIP073	382	'736701926_/72642197_1'	5.3	10	10	10	0.5	0.9	10	2.75 No	0.5 Thermal Discharging
SIP073	383	'3103065_/3103079'		10	10	10	0.5	0.9	10	2.75 No	0.5 Thermal Discharging
SIP073	384	'715602836_/692565334'		10	10	10	0.13	1.6	10	4.85 No	0.13 Thermal Discharging
SIP073	385	'43261852_/3096802'	3.33	3.33	3.33	0.34	0.5	3.33	1.59 No	0.34 Thermal Discharging	
SIP073	386	'3103224_/3103221'	3.33	3.33	3.33	0.17	0.3	3.33	0.92 No	0.17 Thermal Discharging	
SIP073	387	'114310659_/3161430'		10	10	10	0.5	3.6	10	2.75 No	0.5 Thermal Discharging
SIP073	388	'3146428_/3146440'	6.67	6.67	6.67	0.68	1	6.67	3.18 No	0.68 Thermal Discharging	
SIP073	389	'3099914_/43266709'	3.33	3.33	3.33	0.34	0.3	3.33	1.59 No	0.3 Element Fault	
SIP073	390	'3103045_/3103062'		10	10	10	0.5	0.9	10	2.75 No	0.5 Thermal Discharging
SIP073	391	'3161433_/43269273'	6.7	10	10	10	0.5	3.6	10	2.75 No	0.5 Thermal Discharging
SIP073	392	'43264175_/3116662'		10	10	10	0.5	0.9	10	2.75 No	0.5 Thermal Discharging
SIP073	393	'3103624_/715602862'		10	10	10	0.13	1.6	10	4.85 No	0.13 Thermal Discharging
SIP073	394	'118707944_/118707950_2'	3.4	10	10	10	1.02	0.6	10	4.77 No	0.6 Element Fault
SIP073	395	'3103044_/3103042'		10	10	10	0.5	0.9	10	2.75 No	0.5 Thermal Discharging
SIP073	396	'3099940_/3099937'	3.33	3.33	3.33	0.34	0.3	3.33	1.59 No	0.3 Element Fault	
SIP073	397	'114310685_/114310654'	6.3	10	10	10	0.5	3.6	10	2.75 No	0.5 Thermal Discharging
SIP073	398	'3104270_/3104267'	6.67	6.67	6.67	0.06	2.1	6.67	3.18 No	0.06 Thermal Discharging	
SIP073	399	'3104333_/3104343'	3.33	3.33	3.33	0.03	0.1	3.33	1.59 No	0.03 Thermal Discharging	
SIP073	400	'118707991_/118708002'	3.3	10	10	10	1.02	0.6	10	4.77 No	0.6 Element Fault
SIP073	401	'3147052_/3147049'	3.33	3.33	3.33	0.34	0.5	3.33	1.59 No	0.34 Thermal Discharging	
SIP073	402	'3101765_/3101779'	6.1	10	10	10	0.5	3.4	10	2.75 No	0.5 Thermal Discharging
SIP073	403	'43261976_/43261854'	3.33	3.33	3.33	0.34	0.5	3.33	1.59 No	0.34 Thermal Discharging	
SIP073	404	'391706599_/391706596'	7.2	10	10	10	0.5	0.9	10	2.75 No	0.5 Thermal Discharging
SIP073	405	'3097596_/3097593'	0.9	3.33	3.33	0.34	0.1	3.33	1.59 No	0.1 Element Fault	
SIP073	406	'43263325_/3079374'	3.1	10	10	10	1.02	1.5	10	4.77 No	1.02 Thermal Discharging
SIP073	407	'3099802_/3108737_2'	3.33	3.33	3.33	0.17	0.1	3.33	0.92 No	0.1 Element Fault	
SIP073	408	'43261941_/3146425'	6.67	6.67	6.67	0.68	1	6.67	3.18 No	0.68 Thermal Discharging	
SIP073	409	'43264393_/3104022'	3.33	3.33	3.33	0.34	0.4	3.33	1.59 No	0.34 Thermal Discharging	
SIP073	410	'3147065_/3147062'	3.33	3.33	3.33	0.34	0.5	3.33	1.59 No	0.34 Thermal Discharging	
SIP073	411	'715603181_/692565160'		10	10	10	0.13	1.6	10	4.85 No	0.13 Thermal Discharging
SIP073	412	'715602987_/692565073'		10	10	10	0.13	1.6	10	4.85 No	0.13 Thermal Discharging
SIP073	413	'3103350_/692564853'		10	10	10	0.13	1.6	10	4.85 No	0.13 Thermal Discharging
SIP073	414	'51371082_/413593930_2'	6.67	6.67	6.67	0.68	1	6.67	3.18 No	0.68 Thermal Discharging	
SIP073	415	'142251779_/142251776'	5.4	10	10	10	0.5	3.6	10	2.75 No	0.5 Thermal Discharging
SIP073	416	'3104332_/3104330'	3.33	3.33	3.33	0.03	0.1	3.33	1.59 No	0.03 Thermal Discharging	
SIP073	417	'3079653_/3108753'	3.33	3.33	3.33	0.17	0.3	3.33	0.92 No	0.17 Thermal Discharging	
SIP073	418	'3103186_/43264177'	4.07	6.67	6.67	0.33	0.6	6.67	1.84 No	0.33 Thermal Discharging	
SIP073	419	'3106062_/43264395'	3.33	3.33	3.33	0.34	0.2	3.33	1.59 No	0.2 Element Fault	
SIP073	420	'3099803_/3099800'	2.4	3.33	3.33	0.17	0.1	3.33	0.92 No	0.1 Element Fault	
SIP073	421	'385579756_/3147075'	3.33	3.33	3.33	0.34	0.5	3.33	1.59 No	0.34 Thermal Discharging	
SIP073	422	'391706619_/391706616'	5.7	10	10	10	0.5	0.9	10	2.75 No	0.5 Thermal Discharging
SIP073	423	'413593928_/413593930_1'	6.67	6.67	6.67	0.68	0.6	6.67	3.18 No	0.6 Element Fault	
SIP073	424	'353393859_/43261978'	3.33	3.33	3.33	0.34	0.5	3.33	1.59 No	0.34 Thermal Discharging	
SIP073	425	'3103335_/3103347_2'	6.67	6.67	6.67	0.09	1.07	6.67	3.23 No	0.09 Thermal Discharging	
SIP073	426	'3100021_/3100018'	3.33	3.33	3.33	0.34	0.3	3.33	1.59 No	0.3 Element Fault	
SIP073	427	'43264450_/3104282'	6.67	6.67	6.67	0.06	2.1	6.67	3.18 No	0.06 Thermal Discharging	
SIP073	428	'3146361_/3146407'	5.53	6.67	6.67	0.68	0.6	6.67	3.18 No	0.6 Element Fault	
SIP073	429	'43264233_/3103347_1'	6.67	6.67	6.67	0.09	0.4	6.67	3.23 No	0.09 Thermal Discharging	
SIP073	430	'3079652_/3079650'	2.3	3.33	3.33	0.17	0.3	3.33	0.92 No	0.17 Thermal Discharging	
SIP073	431	'3099953_/3099950'	3.33	3.33	3.33	0.34	0.3	3.33	1.59 No	0.3 Element Fault	
SIP073	432	'3101748_/3101762'	4.7	10	10	10	0.5	3.4	10	2.75 No	0.5 Thermal Discharging
SIP073	433	'142251810_/142251807'	4.5	10	10	10	0.5	3.6	10	2.75 No	0.5 Thermal Discharging
SIP073	434	'3103368_/3103365'		10	10	10	0.13	1.6	10	4.85 No	0.13 Thermal Discharging
SIP073	435	'3104300_/43264452'	6.67	6.67	6.67	0.06	2.1	6.67	3.18 No	0.06 Thermal Discharging	
SIP073	436	'3103320_/3103332'	6.67	6.67	6.67	0.09	0.4	6.67	3.23 No	0.09 Thermal Discharging	
SIP073	437	'3146362_/3146359'	4	6.67	6.67	0.68	0.6	6.67	3.18 No	0.6 Element Fault	
SIP073	438	'142251899_/142251870'	4.3	10	10	10	0.5	3.6	10	2.75 No	0.5 Thermal Discharging
SIP073	439	'3101747_/3101745'	4.4	10	10	10	0.5	3.4	10	2.75 No	0.5 Thermal Discharging
SIP073	440	'142251973_/142251925_1'	4.2	10	10	10	0.5	0.9	10	2.75 No	0.5 Thermal Discharging
SIP073	441	'3146349_/3151100'	1.93	3.33	3.33	0.34	0.3	3.33	1.59 No	0.3 Element Fault	

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SIP073	442	'3098904_/3103385'	10	10	10	0.13	1.6	10	4.85 No	0.13	Thermal Discharging
SIP073	443	'142251907_/142251925_2'	4.2	10	10	0.5	0.9	10	2.75 No	0.5	Thermal Discharging
SIP073	444	'3102095_/3102092'	3.33	3.33	3.33	0.34	0.3	3.33	1.59 No	0.3	Element Fault
SIP073	445	'72641974_/90148264'	3.33	3.33	3.33	0.17	0.3	3.33	0.92 No	0.17	Thermal Discharging
SIP073	446	'3098905_/3108825_1'	3.33	3.33	3.33	0.04	0.2	3.33	1.62 No	0.04	Thermal Discharging
SIP073	447	'43266685_/3099963'	3.33	3.33	3.33	0.34	0.3	3.33	1.59 No	0.3	Element Fault
SIP073	448	'72641936_/72642231'	3.33	3.33	3.33	0.17	0.3	3.33	0.92 No	0.17	Thermal Discharging
SIP073	449	'3103405_/3103402'	10	10	10	0.13	1.6	10	4.85 No	0.13	Thermal Discharging
SIP073	450	'43261918_/3146377'	3.6	6.67	6.67	0.68	0.6	6.67	3.18 No	0.6	Element Fault
SIP073	451	'3101728_/3102753'	4	10	10	0.5	3.4	10	2.75 No	0.5	Thermal Discharging
SIP073	452	'3103305_/3103317'	6.67	6.67	6.67	0.09	0.4	6.67	3.23 No	0.09	Thermal Discharging
SIP073	453	'3132366_/3146346'	1.73	3.33	3.33	0.34	0.3	3.33	1.59 No	0.3	Element Fault
SIP073	454	'451790830_/451790834'	0.83	3.33	3.33	0.34	0.2	3.33	1.59 No	0.2	Element Fault
SIP073	455	'3104315_/3104312'	6.67	6.67	6.67	0.06	2.1	6.67	3.18 No	0.06	Thermal Discharging
SIP073	456	'243572965_/3103545_1'	3.33	3.33	3.33	0.04	0.1	3.33	1.62 No	0.04	Thermal Discharging
SIP073	457	'3104593_/3103419'	7	10	10	0.13	1.6	10	4.85 No	0.13	Thermal Discharging
SIP073	458	'451790865_/451790909'	0.8	3.33	3.33	0.34	0.2	3.33	1.59 No	0.2	Element Fault
SIP073	459	'3103548_/3103545_2'	3.33	3.33	3.33	0.04	0.1	3.33	1.62 No	0.04	Thermal Discharging
SIP073	460	'3102183_/3108825_2'	3.33	3.33	3.33	0.04	0.2	3.33	1.62 No	0.04	Thermal Discharging
SIP073	461	'7563322_/7563320_1'	7	10	10	0.13	0.5	10	4.85 No	0.13	Thermal Discharging
SIP073	462	'3146334_/43261920'	3.07	6.67	6.67	0.68	0.6	6.67	3.18 No	0.6	Element Fault
SIP073	463	'3099979_/43266687'	3.33	3.33	3.33	0.34	0.3	3.33	1.59 No	0.3	Element Fault
SIP073	464	'43264059_/3101725'	3.7	10	10	0.5	3.4	10	2.75 No	0.5	Thermal Discharging
SIP073	465	'3103287_/3103302'	4.6	6.67	6.67	0.09	0.4	6.67	3.23 No	0.09	Thermal Discharging
SIP073	466	'451790886_/451790884'	0.77	3.33	3.33	0.34	0.2	3.33	1.59 No	0.2	Element Fault
SIP073	467	'451790795_/388235923_2'	0.77	3.33	3.33	0.34	0.2	3.33	1.59 No	0.2	Element Fault
SIP073	468	'103446722_/3102207_2'	3.33	3.33	3.33	0.04	0.2	3.33	1.62 No	0.04	Thermal Discharging
SIP073	469	'43264473_/43264475'	4.07	6.67	6.67	0.06	2.1	6.67	3.18 No	0.06	Thermal Discharging
SIP073	470	'3102197_/3102207_1'	3.33	3.33	3.33	0.04	0.1	3.33	1.62 No	0.04	Thermal Discharging
SIP073	471	'3146125_/3146331'	2.67	6.67	6.67	0.68	0.6	6.67	3.18 No	0.6	Element Fault
SIP073	472	'3102252_/3106132'	3.73	6.67	6.67	0.09	1.07	6.67	3.23 No	0.09	Thermal Discharging
SIP073	473	'348150557_/3132363'	1.37	3.33	3.33	0.34	0.3	3.33	1.59 No	0.3	Element Fault
SIP073	474	'3101838_/3120938'	3.33	3.33	3.33	0.34	0.3	3.33	1.59 No	0.3	Element Fault
SIP073	475	'3103561_/3103558'	2	3.33	3.33	0.04	0.1	3.33	1.62 No	0.04	Thermal Discharging
SIP073	476	'3101923_/3101933'	3.33	3.33	3.33	0.04	0.2	3.33	1.62 No	0.04	Thermal Discharging
SIP073	477	'3102196_/3102194'	3.33	3.33	3.33	0.04	0.1	3.33	1.62 No	0.04	Thermal Discharging
SIP073	478	'3099503_/3116201'	3.3	10	10	0.5	3.4	10	2.75 No	0.5	Thermal Discharging
SIP073	479	'3102239_/3102249'	1.9	3.33	3.33	0.04	0.53	3.33	1.62 No	0.04	Thermal Discharging
SIP073	480	'3103286_/3103284'	3.6	6.67	6.67	0.09	0.4	6.67	3.23 No	0.09	Thermal Discharging
SIP073	481	'3104436_/3104448'	3.4	6.67	6.67	0.06	2.1	6.67	3.18 No	0.06	Thermal Discharging
SIP073	482	'157415360_/3099520_1'	3.3	10	10	0.5	0.9	10	2.75 No	0.5	Thermal Discharging
SIP073	483	'3102332_/3106044'	3.33	6.67	6.67	0.09	1.07	6.67	3.23 No	0.09	Thermal Discharging
SIP073	484	'3146293_/3146303'	1.37	3.33	3.33	0.34	0.3	3.33	1.59 No	0.3	Element Fault
SIP073	485	'3101922_/3101920'	3.33	3.33	3.33	0.04	0.2	3.33	1.62 No	0.04	Thermal Discharging
SIP073	486	'243572933_/3103436_1'	1.73	3.33	3.33	0.04	0.1	3.33	1.62 No	0.04	Thermal Discharging
SIP073	487	'3146126_/3146123'	2.33	6.67	6.67	0.68	0.6	6.67	3.18 No	0.6	Element Fault
SIP073	488	'3102411_/3102408_2'	1.7	3.33	3.33	0.04	0.53	3.33	1.62 No	0.04	Thermal Discharging
SIP073	489	'3099523_/3099520_2'	3.2	10	10	0.5	0.9	10	2.75 No	0.5	Thermal Discharging
SIP073	490	'7563323_/7563320_2'	4.7	10	10	0.13	0.5	10	4.85 No	0.13	Thermal Discharging
SIP073	491	'3103574_/3103571'	1.7	3.33	3.33	0.04	0.1	3.33	1.62 No	0.04	Thermal Discharging
SIP073	492	'103446745_/3101959_1'	3.33	3.33	3.33	0.04	0.1	3.33	1.62 No	0.04	Thermal Discharging
SIP073	493	'3102223_/3102236'	1.97	3.33	3.33	0.04	0.53	3.33	1.62 No	0.04	Thermal Discharging
SIP073	494	'43264007_/3102125'	3.1	10	10	0.5	0.9	10	2.75 No	0.5	Thermal Discharging
SIP073	495	'3101962_/3101959_2'	3.33	3.33	3.33	0.04	0.1	3.33	1.62 No	0.04	Thermal Discharging
SIP073	496	'3101839_/3101836'	1.47	3.33	3.33	0.34	0.3	3.33	1.59 No	0.3	Element Fault
SIP073	497	'3099411_/3099500'	3.1	10	10	0.5	3.4	10	2.75 No	0.5	Thermal Discharging
SIP073	498	'43264211_/3103436_2'	1.47	3.33	3.33	0.04	0.1	3.33	1.62 No	0.04	Thermal Discharging
SIP073	499	'3146141_/3146138'	2.13	6.67	6.67	0.68	0.6	6.67	3.18 No	0.6	Element Fault
SIP073	500	'3103261_/3103271'	1.47	3.33	3.33	0.04	0.2	3.33	1.62 No	0.04	Thermal Discharging
SIP073	501	'3136628_/3136625'	1.13	3.33	3.33	0.17	1.13	3.33	0.92 No	0.17	Thermal Discharging
SIP073	502	'3101897_/3101907'	3.33	3.33	3.33	0.04	0.2	3.33	1.62 No	0.04	Thermal Discharging
SIP073	503	'43264485_/43264487'	2.8	6.67	6.67	0.06	2.1	6.67	3.18 No	0.06	Thermal Discharging
SIP073	504	'43263995_/3102330'	2.6	6.67	6.67	0.09	1.07	6.67	3.23 No	0.09	Thermal Discharging
SIP073	505	'43261874_/43261876'	1.3	3.33	3.33	0.34	0.3	3.33	1.59 No	0.3	Element Fault
SIP073	506	'3102320_/3102408_1'	1.73	3.33	3.33	0.04	0.1	3.33	1.62 No	0.04	Thermal Discharging
SIP073	507	'3099476_/3099474'	1.03	3.33	3.33	0.17	1.1	3.33	0.92 No	0.17	Thermal Discharging
SIP073	508	'229094307_/154700184_1'	2.9	10	10	0.5	0.9	10	2.75 No	0.5	Thermal Discharging
SIP073	509	'154700186_/154700184_2'	2.9	10	10	0.5	0.9	10	2.75 No	0.5	Thermal Discharging
SIP073	510	'3146111_/3146153'	1.93	6.67	6.67	0.68	0.6	6.67	3.18 No	0.6	Element Fault
SIP073	511	'3146251_/43261865'	1.07	3.33	3.33	0.34	0.3	3.33	1.59 No	0.3	Element Fault
SIP073	512	'3099410_/3099408'	2.9	10	10	0.5	3.3	10	2.75 No	0.5	Thermal Discharging
SIP073	513	'3099387_/3102108'	2.9	10	10	0.5	0.9	10	2.75 No	0.5	Thermal Discharging
SIP073	514	'3102222_/3102220'	2.03	3.33	3.33	0.04	0.53	3.33	1.62 No	0.04	Thermal Discharging
SIP073	515	'156860260_/3099487_1'	1.03	3.33	3.33	0.17	0.4	3.33	0.92 No	0.17	Thermal Discharging
SIP073	516	'3101975_/3101972'	3.33	3.33	3.33	0.04	0.1	3.33	1.62 No	0.04	Thermal Discharging
SIP073	517	'3101896_/3101894'	2.1	3.33	3.33	0.04	0.2	3.33	1.62 No	0.04	Thermal Discharging
SIP073	518	'3103452_/43264213'	1.2	3.33	3.33	0.04	0.1	3.33	1.62 No	0.04	Thermal Discharging
SIP073	519	'154568817_/154700219'	2.8	10	10	0.5	0.9	10	2.75 No	0.5	Thermal Discharging
SIP073	520	'43263983_/43263997'	2.27	6.67	6.67	0.09	1.07	6.67	3.23 No	0.09	Thermal Discharging
SIP073	521	'3099490_/3099487_2'	1.03	3.33	3.33	0.17	0.4	3.33	0.92 No	0.17	Thermal Discharging
SIP073	522	'120082043_/3102066_2'	1.83	3.33	3.33	0.04	0.2	3.33	1.62 No	0.04	Thermal Discharging
SIP073	523	'43264072_/3101849'	1.2	3.33	3.33	0.34	0.3	3.33	1.59 No	0.3	Element Fault
SIP073	524	'3146110_/3146108'	1.8	6.67	6.67	0.68	0.6	6.67	3.18 No	0.6	Element Fault
SIP073	525	'8195463_/8195461'	1.3	3.33	3.33	0.34	0.2	3.33	1.59 No	0.2	Element Fault
SIP073	526	'3104403_/3104418'	2.27	6.67	6.67	0.06	2.1	6.67	3.18 No	0.06	Thermal Discharging
SIP073	527	'3103465_/3103462'	1.13	3.33	3.33	0.04	0.1	3.33	1.62 No	0.04	Thermal Discharging
SIP073	528	'3102001_/3101998'	1.73	3.33	3.33	0.04	0.1	3.33	1.62 No	0.04	Thermal Discharging
SIP073	529	'3104468_/3104466_1'	1.13	3.33	3.33	0.03	0.1	3.33	1.59 No	0.03	Thermal Discharging
SIP073	530	'3102068_/3102066_1'	1.7	3.33	3.33	0.04	0.1	3.33	1.62 No	0.04	Thermal Discharging
SIP073	531	'3103260_/43264202'	1.1	3.33	3.33	0.04	0.2	3.33	1.62 No	0.04	Thermal Discharging
SIP073	532	'43261885_/43261887'	1.13	3.33	3.33	0.34	0.3	3.33	1.59 No	0.3	Element Fault
SIP073	533	'43264020_/3099385'	2.7	10	10	0.5	0.9	10	2.75 No	0.5	Thermal Discharging
SIP073	534	'3101654_/3101708'	2.7	10	10	0.5	3.3	10	2.75 No	0.5	Thermal Discharging
SIP073	535	'154569116_/154700246'	2.7	10	10	0.5	0.9	10	2.75 No	0.5	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SIP073	536	'43264127_/_43264129'	1.57	3.33	3.33	0.04	0.1	3.33	1.62 No	0.04	Thermal Discharging
SIP073	537	'43264497_/_3104466_2'	1.1	3.33	3.33	0.03	0.1	3.33	1.59 No	0.03	Thermal Discharging
SIP073	538	'3146171_/_354845395'	0.9	3.33	3.33	0.34	0.3	3.33	1.59 No	0.3	Element Fault
SIP073	539	'43264094_/_43264096'	1.53	3.33	3.33	0.04	0.1	3.33	1.62 No	0.04	Thermal Discharging
SIP073	540	'154569057_/_3097687'	0.93	3.33	3.33	0.17	0.3	3.33	0.92 No	0.17	Thermal Discharging
SIP073	541	'43263971_/_43263973'	2	6.67	6.67	0.09	1.07	6.67	3.23 No	0.09	Thermal Discharging
SIP073	542	'388235904_/_388235923_1'	0.57	3.33	3.33	0.34	0.2	3.33	1.59 No	0.2	Element Fault
SIP073	543	'3146184_/_354845409'	0.9	3.33	3.33	0.34	0.3	3.33	1.59 No	0.3	Element Fault
SIP073	544	'3096817_/_3146080'	1.67	6.67	6.67	0.68	0.6	6.67	3.18 No	0.6	Element Fault
SIP073	545	'3104402_/_3104400'	2	6.67	6.67	0.06	2.1	6.67	3.18 No	0.06	Thermal Discharging
SIP073	546	'3104482_/_3104479'	1.03	3.33	3.33	0.03	0.1	3.33	1.59 No	0.03	Thermal Discharging
SIP073	547	'3101601_/_3101652'	2.5	10	10	0.5	3.3	10	2.75 No	0.5	Thermal Discharging
SIP073	548	'3101495_/_3101493_1'	2.5	10	10	0.5	0.9	10	2.75 No	0.5	Thermal Discharging
SIP073	549	'3099388_/_43264022'	2.5	10	10	0.5	0.9	10	2.75 No	0.5	Thermal Discharging
SIP073	550	'156437886_/_354845423'	0.9	3.33	3.33	0.34	0.3	3.33	1.59 No	0.3	Element Fault
SIP073	551	'3104495_/_3104492'	1	3.33	3.33	0.03	0.1	3.33	1.59 No	0.03	Thermal Discharging
SIP073	552	'3146267_/_3146277'	1	3.33	3.33	0.34	0.3	3.33	1.59 No	0.3	Element Fault
SIP073	553	'3146197_/_354845432'	0.9	3.33	3.33	0.34	0.3	3.33	1.59 No	0.3	Element Fault
SIP073	554	'43264105_/_43264107'	1.37	3.33	3.33	0.04	0.1	3.33	1.62 No	0.04	Thermal Discharging
SIP073	555	'3103478_/_43264224'	0.93	3.33	3.33	0.04	0.1	3.33	1.62 No	0.04	Thermal Discharging
SIP073	556	'154569152_/_154798078'	2.5	10	10	0.5	0.9	10	2.75 No	0.5	Thermal Discharging
SIP073	557	'3096818_/_3096815_1'	1.53	6.67	6.67	0.06	2.1	6.67	3.18 No	0.06	Thermal Discharging
SIP073	558	'3101865_/_43264074'	1	3.33	3.33	0.34	0.3	3.33	1.59 No	0.3	Element Fault
SIP073	559	'3103519_/_3103529'	0.93	3.33	3.33	0.04	0.1	3.33	1.62 No	0.04	Thermal Discharging
SIP073	560	'3102294_/_3102304'	1.3	3.33	3.33	0.04	0.1	3.33	1.62 No	0.04	Thermal Discharging
SIP073	561	'43263959_/_43263961'	1.8	6.67	6.67	0.09	1.07	6.67	3.23 No	0.09	Thermal Discharging
SIP073	562	'3101987_/_3101985'	1.27	3.33	3.33	0.04	0.1	3.33	1.62 No	0.04	Thermal Discharging
SIP073	563	'3104508_/_3104505'	0.93	3.33	3.33	0.03	0.1	3.33	1.59 No	0.03	Thermal Discharging
SIP073	564	'43261896_/_3146264'	0.93	3.33	3.33	0.34	0.3	3.33	1.59 No	0.3	Element Fault
SIP073	565	'3101496_/_3101493_2'	2.4	10	10	0.5	0.9	10	2.75 No	0.5	Thermal Discharging
SIP073	566	'3104534_/_3104547'	1	3.33	3.33	0.03	1	3.33	1.59 No	0.03	Thermal Discharging
SIP073	567	'154798126_/_154798123'	2.4	10	10	0.5	0.9	10	2.75 No	0.5	Thermal Discharging
SIP073	568	'3101584_/_3101598'	2.4	10	10	0.5	3.3	10	2.75 No	0.5	Thermal Discharging
SIP073	569	'156439810_/_354845451'	0.93	3.33	3.33	0.34	0.3	3.33	1.59 No	0.3	Element Fault
SIP073	570	'43264083_/_43264085'	0.93	3.33	3.33	0.34	0.3	3.33	1.59 No	0.3	Element Fault
SIP073	571	'154798178_/_154798175'	2.3	10	10	0.5	0.9	10	2.75 No	0.5	Thermal Discharging
SIP073	572	'3101880_/_7245735_1'	0.93	3.33	3.33	0.34	0.1	3.33	1.59 No	0.1	Element Fault
SIP073	573	'3104521_/_3104518'	0.87	3.33	3.33	0.03	0.1	3.33	1.59 No	0.03	Thermal Discharging
SIP073	574	'3103506_/_3103516'	0.83	3.33	3.33	0.04	0.1	3.33	1.62 No	0.04	Thermal Discharging
SIP073	575	'3102040_/_3102053'	1.17	3.33	3.33	0.04	0.1	3.33	1.62 No	0.04	Thermal Discharging
SIP073	576	'3132349_/_43261909'	0.9	3.33	3.33	0.34	0.3	3.33	1.59 No	0.3	Element Fault
SIP073	577	'3101567_/_3101581'	2.3	10	10	0.5	3.3	10	2.75 No	0.5	Thermal Discharging
SIP073	578	'3102351_/_3102363'	1.6	6.67	6.67	0.09	1.07	6.67	3.23 No	0.09	Thermal Discharging
SIP073	579	'3102278_/_3102291'	1.13	3.33	3.33	0.04	0.1	3.33	1.62 No	0.04	Thermal Discharging
SIP073	580	'7245737_/_7245735_2'	0.9	3.33	3.33	0.34	0.1	3.33	1.59 No	0.1	Element Fault
SIP073	581	'154573203_/_154573200'	2.3	10	10	0.5	0.9	10	2.75 No	0.5	Thermal Discharging
SIP073	582	'3101516_/_3101513'	2.2	10	10	0.5	0.9	10	2.75 No	0.5	Thermal Discharging
SIP073	583	'3098826_/_3104531'	0.93	3.33	3.33	0.03	1	3.33	1.59 No	0.03	Thermal Discharging
SIP073	584	'3104611_/_3104621_1'	0.93	3.33	3.33	0.03	0.2	3.33	1.59 No	0.03	Thermal Discharging
SIP073	585	'3098827_/_3106101_1'	0.93	3.33	3.33	0.03	0.2	3.33	1.59 No	0.03	Thermal Discharging
SIP073	586	'43263936_/_3102627'	1.53	6.67	6.67	0.09	1.07	6.67	3.23 No	0.09	Thermal Discharging
SIP073	587	'154580040_/_154698692'	0.77	3.33	3.33	0.17	0.3	3.33	0.92 No	0.17	Thermal Discharging
SIP073	588	'3098761_/_3106101_2'	0.9	3.33	3.33	0.03	0.2	3.33	1.59 No	0.03	Thermal Discharging
SIP073	589	'3101566_/_3101564'	2.2	10	10	0.5	3.3	10	2.75 No	0.5	Thermal Discharging
SIP073	590	'3102026_/_3102037'	1.03	3.33	3.33	0.04	0.1	3.33	1.62 No	0.04	Thermal Discharging
SIP073	591	'383818660_/_3103503'	0.73	3.33	3.33	0.04	0.1	3.33	1.62 No	0.04	Thermal Discharging
SIP073	592	'3101533_/_3101530'	2.1	10	10	0.5	0.9	10	2.75 No	0.5	Thermal Discharging
SIP073	593	'43263923_/_43263925'	1.47	6.67	6.67	0.09	1.07	6.67	3.23 No	0.09	Thermal Discharging
SIP073	594	'3104624_/_3104621_2'	0.87	3.33	3.33	0.03	0.2	3.33	1.59 No	0.03	Thermal Discharging
SIP073	595	'590889604_/_590889601'	2.1	10	10	0.5	0.9	10	2.75 No	0.5	Thermal Discharging
SIP073	596	'3100458_/_3108789'	2.1	10	10	0.5	3.3	10	2.75 No	0.5	Thermal Discharging
SIP073	597	'43264752_/_3098759'	0.83	3.33	3.33	0.03	0.2	3.33	1.59 No	0.03	Thermal Discharging
SIP073	598	'3102027_/_3102024'	0.97	3.33	3.33	0.04	0.1	3.33	1.62 No	0.04	Thermal Discharging
SIP073	599	'3100441_/_3100455'	2.1	10	10	0.5	3.3	10	2.75 No	0.5	Thermal Discharging
SIP073	600	'3102595_/_3102606'	1.33	6.67	6.67	0.09	1.07	6.67	3.23 No	0.09	Thermal Discharging
SIP073	601	'43264543_/_3104634'	0.8	3.33	3.33	0.03	0.2	3.33	1.59 No	0.03	Thermal Discharging
SIP073	602	'3102596_/_43263950_2'	0.67	3.33	3.33	0.04	0.53	3.33	1.62 No	0.04	Thermal Discharging
SIP073	603	'43268498_/_3137238'	1.9	10	10	0.5	0.9	10	2.75 No	0.5	Thermal Discharging
SIP073	604	'3098775_/_43264754'	0.77	3.33	3.33	0.03	0.2	3.33	1.59 No	0.03	Thermal Discharging
SIP073	605	'43263677_/_43263679'	2	10	10	0.5	3.3	10	2.75 No	0.5	Thermal Discharging
SIP073	606	'3102645_/_3102642'	1.27	6.67	6.67	0.09	1.07	6.67	3.23 No	0.09	Thermal Discharging
SIP073	607	'43264554_/_43264545'	0.77	3.33	3.33	0.03	0.2	3.33	1.59 No	0.03	Thermal Discharging
SIP073	608	'43263948_/_43263950_1'	0.7	3.33	3.33	0.04	0.1	3.33	1.62 No	0.04	Thermal Discharging
SIP073	609	'3131658_/_43268500'	1.8	10	10	0.5	0.9	10	2.75 No	0.5	Thermal Discharging
SIP073	610	'3098788_/_3098785'	0.73	3.33	3.33	0.03	0.2	3.33	1.59 No	0.03	Thermal Discharging
SIP073	611	'3100407_/_3100421'	1.9	10	10	0.5	3.3	10	2.75 No	0.5	Thermal Discharging
SIP073	612	'43263911_/_3102660'	1.2	6.67	6.67	0.09	1.07	6.67	3.23 No	0.09	Thermal Discharging
SIP073	613	'43264565_/_43264556'	0.7	3.33	3.33	0.03	0.2	3.33	1.59 No	0.03	Thermal Discharging
SIP073	614	'3131659_/_3131656'	1.8	10	10	0.5	0.9	10	2.75 No	0.5	Thermal Discharging
SIP073	615	'3098801_/_3098798'	0.7	3.33	3.33	0.03	0.2	3.33	1.59 No	0.03	Thermal Discharging
SIP073	616	'3102583_/_3102815'	0.7	3.33	3.33	0.04	0.1	3.33	1.62 No	0.04	Thermal Discharging
SIP073	617	'43263664_/_43263666'	1.8	10	10	0.5	3.3	10	2.75 No	0.5	Thermal Discharging
SIP073	618	'3102802_/_3102799'	0.7	3.33	3.33	0.04	0.1	3.33	1.62 No	0.04	Thermal Discharging
SIP073	619	'3102677_/_43263913'	1.13	6.67	6.67	0.09	1.07	6.67	3.23 No	0.09	Thermal Discharging
SIP073	620	'3100373_/_3100387'	1.8	10	10	0.5	3.3	10	2.75 No	0.5	Thermal Discharging
SIP073	621	'3098813_/_3098837'	0.67	3.33	3.33	0.03	0.2	3.33	1.59 No	0.03	Thermal Discharging
SIP073	622	'3098460_/_43264567'	0.67	3.33	3.33	0.03	0.2	3.33	1.59 No	0.03	Thermal Discharging
SIP073	623	'3131676_/_3131673'	1.7	10	10	0.5	0.9	10	2.75 No	0.5	Thermal Discharging
SIP073	624	'348150670_/_3137255_1'	0.57	3.33	3.33	0.17	0.1	3.33	0.92 No	0.1	Element Fault
SIP073	625	'3098472_/_3098538'	0.67	3.33	3.33	0.03	0.2	3.33	1.59 No	0.03	Thermal Discharging
SIP073	626	'3102582_/_3102580'	0.7	3.33	3.33	0.04	0.1	3.33	1.62 No	0.04	Thermal Discharging
SIP073	627	'43264621_/_3098850'	0.63	3.33	3.33	0.03	0.2	3.33	1.59 No	0.03	Thermal Discharging
SIP073	628	'3098814_/_3098811'	0.63	3.33	3.33	0.03	0.2	3.33	1.59 No	0.03	Thermal Discharging
SIP073	629	'3131693_/_3131690'	1.6	10	10	0.5	0.9	10	2.75 No	0.5	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
											VSR (MW)	Limiting Threshold
SIP073	630	'3100356_/3100370'		1.8	10	10	0.5	3.3	10	2.75	No	0.5 Thermal Discharging
SIP073	631	'3098473_/369241249'		0.63	3.33	3.33	0.03	0.2	3.33	1.59	No	0.03 Thermal Discharging
SIP073	632	'3102678_/3102675'		1.07	6.67	6.67	0.09	1.07	6.67	3.23	No	0.09 Thermal Discharging
SIP073	633	'3098866_/43264623'		0.63	3.33	3.33	0.03	0.2	3.33	1.59	No	0.03 Thermal Discharging
SIP073	634	'3100339_/3100353'		1.7	10	10	0.5	3.3	10	2.75	No	0.5 Thermal Discharging
SIP073	635	'348150630_/3137255_2'		0.57	3.33	3.33	0.17	0.1	3.33	0.92	No	0.1 Element Fault
SIP073	636	'3098554_/3098551'		0.6	3.33	3.33	0.03	0.2	3.33	1.59	No	0.03 Thermal Discharging
SIP073	637	'3137287_/3137284'		0.57	3.33	3.33	0.17	0.1	3.33	0.92	No	0.1 Element Fault
SIP073	638	'43263651_/43263653'		1.7	10	10	0.5	3.3	10	2.75	No	0.5 Thermal Discharging
SIP073	639	'3098514_/3098876'		0.6	3.33	3.33	0.03	0.2	3.33	1.59	No	0.03 Thermal Discharging
SIP073	640	'3102570_/3102786'		0.7	3.33	3.33	0.04	0.1	3.33	1.62	No	0.04 Thermal Discharging
SIP073	641	'3101549_/3137191'		1.5	10	10	0.5	0.9	10	2.75	No	0.5 Thermal Discharging
SIP073	642	'52618687_/3102142_1'		0.5	3.33	3.33	0.17	0.1	3.33	0.92	No	0.1 Element Fault
SIP073	643	'52618702_/3133668_2'		0.5	3.33	3.33	0.17	0.3	3.33	0.92	No	0.17 Thermal Discharging
SIP073	644	'3098566_/3098564'		0.57	3.33	3.33	0.03	0.2	3.33	1.59	No	0.03 Thermal Discharging
SIP073	645	'43263899_/3102723'		1	6.67	6.67	0.09	1.07	6.67	3.23	No	0.09 Thermal Discharging
SIP073	646	'3137303_/3137300'		0.57	3.33	3.33	0.17	0.1	3.33	0.92	No	0.1 Element Fault
SIP073	647	'3098618_/3098616'		0.57	3.33	3.33	0.03	0.2	3.33	1.59	No	0.03 Thermal Discharging
SIP073	648	'348150640_/3137271'		0.53	3.33	3.33	0.17	0.1	3.33	0.92	No	0.1 Element Fault
SIP073	649	'3098580_/3098577'		0.57	3.33	3.33	0.03	0.2	3.33	1.59	No	0.03 Thermal Discharging
SIP073	650	'3102145_/3102142_2'		0.5	3.33	3.33	0.17	0.1	3.33	0.92	No	0.1 Element Fault
SIP073	651	'3098515_/3098512'		0.57	3.33	3.33	0.03	0.2	3.33	1.59	No	0.03 Thermal Discharging
SIP073	652	'43263638_/43263640'		1.6	10	10	0.5	3.3	10	2.75	No	0.5 Thermal Discharging
SIP073	653	'3102463_/3102567'		0.63	3.33	3.33	0.04	0.1	3.33	1.62	No	0.04 Thermal Discharging
SIP073	654	'3101550_/3101547'		1.4	10	10	0.5	0.9	10	2.75	No	0.5 Thermal Discharging
SIP073	655	'3098486_/3098499'		0.53	3.33	3.33	0.03	0.2	3.33	1.59	No	0.03 Thermal Discharging
SIP073	656	'3098593_/3098590'		0.53	3.33	3.33	0.03	0.2	3.33	1.59	No	0.03 Thermal Discharging
SIP073	657	'3102692_/43263901'		0.93	6.67	6.67	0.09	1.07	6.67	3.23	No	0.09 Thermal Discharging
SIP073	658	'3102158_/3102155'		0.5	3.33	3.33	0.17	0.1	3.33	0.92	No	0.1 Element Fault
SIP073	659	'3100288_/3100319'		1.6	9.9	10	0.5	3.3	10	2.75	No	0.5 Thermal Discharging
SIP073	660	'3098528_/3098525'		0.53	3.33	3.33	0.03	0.2	3.33	1.59	No	0.03 Thermal Discharging
SIP073	661	'3102773_/3102770'		0.63	3.33	3.33	0.04	0.1	3.33	1.62	No	0.04 Thermal Discharging
SIP073	662	'348150750_/348150642'		0.53	3.3	3.33	0.17	0.1	3.33	0.92	No	0.1 Element Fault
SIP073	663	'3100271_/3100285'		1.5	9.6	10	0.5	3.3	10	2.75	No	0.5 Thermal Discharging
SIP073	664	'3102475_/3102473'		0.63	3.33	3.33	0.04	0.1	3.33	1.62	No	0.04 Thermal Discharging
SIP073	665	'43264576_/3098603'		0.53	3.33	3.33	0.03	0.2	3.33	1.59	No	0.03 Thermal Discharging
SIP073	666	'3102450_/3102460'		0.63	3.33	3.33	0.04	0.1	3.33	1.62	No	0.04 Thermal Discharging
SIP073	667	'3098485_/3098483'		0.53	3.33	3.33	0.03	0.2	3.33	1.59	No	0.03 Thermal Discharging
SIP073	668	'3101150_/3102708'		0.87	6.67	6.67	0.09	1.07	6.67	3.23	No	0.09 Thermal Discharging
SIP073	669	'3102845_/3103163'		1.4	9.5	10	0.5	0.9	10	2.75	No	0.5 Thermal Discharging
SIP073	670	'43267826_/3133668_1'		0.5	3.2	3.33	0.17	0.1	3.33	0.92	No	0.1 Element Fault
SIP073	671	'43264138_/3102486'		0.6	3.33	3.33	0.04	0.1	3.33	1.62	No	0.04 Thermal Discharging
SIP073	672	'43264149_/3102843'		1.3	9.4	10	0.5	0.9	10	2.75	No	0.5 Thermal Discharging
SIP073	673	'3137328_/3137339'		0.5	3.2	3.33	0.17	0.1	3.33	0.92	No	0.1 Element Fault
SIP073	674	'3098632_/43264578'		0.5	3.33	3.33	0.03	0.2	3.33	1.59	No	0.03 Thermal Discharging
SIP073	675	'3101149_/3101147'		0.87	6.67	6.67	0.09	1.07	6.67	3.23	No	0.09 Thermal Discharging
SIP073	676	'43263625_/43263627'		1.5	9.2	10	0.5	3.3	10	2.75	No	0.5 Thermal Discharging
SIP073	677	'3133683_/3133681'		0.5	3.1	3.33	0.17	0.1	3.33	0.92	No	0.1 Element Fault
SIP073	678	'3102437_/3102447'		0.6	3.33	3.33	0.04	0.1	3.33	1.62	No	0.04 Thermal Discharging
SIP073	679	'3137329_/3137326'		0.5	3.13	3.33	0.17	0.1	3.33	0.92	No	0.1 Element Fault
SIP073	680	'3098645_/3098642'		0.5	3.33	3.33	0.03	0.2	3.33	1.59	No	0.03 Thermal Discharging
SIP073	681	'43268106_/43268108'		0.87	6.67	6.67	0.09	1.07	6.67	3.23	No	0.09 Thermal Discharging
SIP073	682	'3102866_/43264151'		1.3	9	10	0.5	0.9	10	2.75	No	0.5 Thermal Discharging
SIP073	683	'3098413_/3098427'		1.4	8.8	10	0.5	3.3	10	2.75	No	0.5 Thermal Discharging
SIP073	684	'3102436_/3102434'		0.57	3.33	3.33	0.04	0.1	3.33	1.62	No	0.04 Thermal Discharging
SIP073	685	'43264587_/3098655'		0.47	3.33	3.33	0.03	0.2	3.33	1.59	No	0.03 Thermal Discharging
SIP073	686	'3102502_/43264140'		0.57	3.33	3.33	0.04	0.1	3.33	1.62	No	0.04 Thermal Discharging
SIP073	687	'3136153_/3136218'		0.8	6.67	6.67	0.09	1.07	6.67	3.23	No	0.09 Thermal Discharging
SIP073	688	'3136169_/3136179_2'		0.4	3.33	3.33	0.04	0.53	3.33	1.62	No	0.04 Thermal Discharging
SIP073	689	'3136140_/3136137_2'		0.4	3.33	3.33	0.04	0.53	3.33	1.62	No	0.04 Thermal Discharging
SIP073	690	'3098396_/3098410'		1.4	8.6	10	0.5	3.3	10	2.75	No	0.5 Thermal Discharging
SIP073	691	'3102917_/3102880'		1.2	8.6	10	0.5	0.9	10	2.75	No	0.5 Thermal Discharging
SIP073	692	'3102934_/3102931'		0.4	2.87	3.33	0.17	0.2	3.33	0.92	No	0.17 Thermal Discharging
SIP073	693	'3101137_/3136137_1'		0.4	3.33	3.33	0.04	0.5	3.33	1.62	No	0.04 Thermal Discharging
SIP073	694	'3136181_/3136179_1'		0.4	3.33	3.33	0.04	0.5	3.33	1.62	No	0.04 Thermal Discharging
SIP073	695	'3098379_/3098393'		1.4	8.4	10	0.5	3.3	10	2.75	No	0.5 Thermal Discharging
SIP073	696	'3100474_/3100485_2'		0.47	2.8	3.33	0.17	1	3.33	0.92	No	0.17 Thermal Discharging
SIP073	697	'3098671_/43264589'		0.47	3.33	3.33	0.03	0.2	3.33	1.59	No	0.03 Thermal Discharging
SIP073	698	'3102515_/3102512'		0.53	3.33	3.33	0.04	0.1	3.33	1.62	No	0.04 Thermal Discharging
SIP073	699	'709268969_/3102897'		1.2	8.4	10	0.5	0.9	10	2.75	No	0.5 Thermal Discharging
SIP073	700	'3101136_/3101134'		0.4	3.33	3.33	0.04	0.5	3.33	1.62	No	0.04 Thermal Discharging
SIP073	701	'3101430_/3136192'		0.4	3.33	3.33	0.04	0.5	3.33	1.62	No	0.04 Thermal Discharging
SIP073	702	'43263723_/3100485_1'		0.47	2.77	3.33	0.17	0.3	3.33	0.92	No	0.17 Thermal Discharging
SIP073	703	'49247128_/3133697'		0.47	2.8	3.33	0.17	0.3	3.33	0.92	No	0.17 Thermal Discharging
SIP073	704	'709269032_/709269036'		0.4	2.77	3.33	0.17	0.3	3.33	0.92	No	0.17 Thermal Discharging
SIP073	705	'709269014_/3102970'		0.4	2.77	3.33	0.17	0.3	3.33	0.92	No	0.17 Thermal Discharging
SIP073	706	'50410152_/3102944'		0.4	2.73	3.33	0.17	0.2	3.33	0.92	No	0.17 Thermal Discharging
SIP073	707	'3098362_/3098376'		1.4	8.1	10	0.5	3.3	10	2.75	No	0.5 Thermal Discharging
SIP073	708	'3100501_/43263725'		0.47	2.73	3.33	0.17	0.3	3.33	0.92	No	0.17 Thermal Discharging
SIP073	709	'3098684_/3098681'		0.43	3.33	3.33	0.03	0.2	3.33	1.59	No	0.03 Thermal Discharging
SIP073	710	'3102527_/3102525'		0.5	3.33	3.33	0.04	0.1	3.33	1.62	No	0.04 Thermal Discharging
SIP073	711	'43264598_/3098733'		0.43	3.33	3.33	0.03	0.2	3.33	1.59	No	0.03 Thermal Discharging
SIP073	712	'3098697_/3098694'		0.43	3.33	3.33	0.03	0.2	3.32	1.59	No	0.03 Thermal Discharging
SIP073	713	'3098345_/3098359'		1.3	7.9	10	0.5	3.3	10	2.75	No	0.5 Thermal Discharging
SIP073	714	'43263811_/43263813'		0.4	3.33	3.33	0.04	0.5	3.31	1.62	No	0.04 Thermal Discharging
SIP073	715	'709269013_/3102983'		0.4	2.67	3.33	0.17	0.3	3.33	0.92	No	0.17 Thermal Discharging
SIP073	716	'3133737_/3133734'		0.43	2.7	3.33	0.17	0.3	3.33	0.92	No	0.17 Thermal Discharging
SIP073	717	'53657829_/3100514'		0.43	2.67	3.33	0.17	0.3	3.33	0.92	No	0.17 Thermal Discharging
SIP073	718	'3102541_/3102538'		0.5	3.33	3.33	0.04	0.1	3.28	1.62	No	0.04 Thermal Discharging
SIP073	719	'3101405_/3101428'		0.37	3.33	3.33	0.04	0.5	3.28	1.62	No	0.04 Thermal Discharging
SIP073	720	'43264610_/43264600'		0.43	3.33	3.33	0.03	0.2	3.28	1.59	No	0.03 Thermal Discharging
SIP073	721	'3098749_/7558187_2'		0.43	3.33	3.33	0.03	0.2	3.27	1.59	No	0.03 Thermal Discharging
SIP073	722	'3098710_/3098707'		0.4	3.33	3.33	0.03	0.2	3.26	1.59	No	0.03 Thermal Discharging
SIP073	723	'3098328_/3098342'		1.3	7.7	10	0.5	3.3	10	2.75	No	0.5 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SIP073	724	'3100529_/_3100540_2'	0.43	2.57	3.33	0.17	1	3.33	0.92	No	0.17 Thermal Discharging
SIP073	725	'3102557_/_3102554'	0.5	3.33	3.33	0.04	0.1	3.24	1.62	No	0.04 Thermal Discharging
SIP073	726	'3101418_/_3101415'	0.37	3.33	3.33	0.04	0.5	3.23	1.62	No	0.04 Thermal Discharging
SIP073	727	'7245753_/_7558187_1'	0.4	3.33	3.33	0.03	0.1	3.22	1.59	No	0.03 Thermal Discharging
SIP073	728	'92173261_/_3098720'	0.4	3.33	3.33	0.03	0.2	3.22	1.59	No	0.03 Thermal Discharging
SIP073	729	'3133763_/_3133760'	0.43	2.6	3.33	0.17	0.3	3.31	0.92	No	0.17 Thermal Discharging
SIP073	730	'154814633_/_7560809_1'	0.43	2.6	3.33	0.17	0.1	3.31	0.92	No	0.1 Element Fault
SIP073	731	'43263877_/_3101402'	0.37	3.33	3.33	0.04	0.5	3.22	1.62	No	0.04 Thermal Discharging
SIP073	732	'8824541_/_8824554_1'	0.43	2.6	3.33	0.17	0.1	3.3	0.92	No	0.1 Element Fault
SIP073	733	'3098311_/_3098325'	1.3	7.6	10	0.5	3.3	9.91	2.75	No	0.5 Thermal Discharging
SIP073	734	'3100543_/_3100540_1'	0.43	2.53	3.33	0.17	0.3	3.3	0.92	No	0.17 Thermal Discharging
SIP073	735	'3101108_/_3101121'	0.4	3.33	3.33	0.04	0.5	3.21	1.62	No	0.04 Thermal Discharging
SIP073	736	'7560812_/_7560809_2'	0.43	2.6	3.33	0.17	0.1	3.29	0.92	No	0.1 Element Fault
SIP073	737	'3101165_/_3101162'	0.4	3.33	3.33	0.04	0.5	3.17	1.62	No	0.04 Thermal Discharging
SIP073	738	'3094109_/_3098308'	1.3	7.3	10	0.5	3.3	9.71	2.75	No	0.5 Thermal Discharging
SIP073	739	'3101392_/_43263879'	0.33	3.27	3.33	0.04	0.5	3.15	1.62	No	0.04 Thermal Discharging
SIP073	740	'3101444_/_3101441'	0.33	3.27	3.33	0.04	0.5	3.15	1.62	No	0.04 Thermal Discharging
SIP073	741	'3101095_/_3101105'	0.4	3.3	3.33	0.04	0.5	3.14	1.62	No	0.04 Thermal Discharging
SIP073	742	'56530586_/_7245751'	0.4	3.33	3.33	0.03	0.1	3.14	1.59	No	0.03 Thermal Discharging
SIP073	743	'127822263_/_127822265'	0.4	2.5	3.33	0.17	0.2	3.22	0.92	No	0.17 Thermal Discharging
SIP073	744	'43263690_/_3100553'	0.43	2.43	3.33	0.17	0.3	3.21	0.92	No	0.17 Thermal Discharging
SIP073	745	'3101178_/_3101175'	0.4	3.27	3.33	0.04	0.5	3.12	1.62	No	0.04 Thermal Discharging
SIP073	746	'8824557_/_8824554_2'	0.4	2.5	3.33	0.17	0.1	3.2	0.92	No	0.1 Element Fault
SIP073	747	'3093929_/_3094106'	1.2	7.2	10	0.5	3.3	9.58	2.75	No	0.5 Thermal Discharging
SIP073	748	'3101094_/_3101092'	0.4	3.2	3.33	0.04	0.5	3.08	1.62	No	0.04 Thermal Discharging
SIP073	749	'43263866_/_43263868'	0.33	3.1	3.33	0.04	0.5	3.06	1.62	No	0.04 Thermal Discharging
SIP073	750	'3101191_/_3101188'	0.4	3.17	3.33	0.04	0.5	3.05	1.62	No	0.04 Thermal Discharging
SIP073	751	'43263888_/_3103012'	0.33	3.1	3.33	0.04	0.5	3.06	1.62	No	0.04 Thermal Discharging
SIP073	752	'3093912_/_3093926'	1.2	7	10	0.5	3.3	9.41	2.75	No	0.5 Thermal Discharging
SIP073	753	'3108724_/_3108721_2'	0.4	2.33	3.33	0.17	1.1	3.12	0.92	No	0.17 Thermal Discharging
SIP073	754	'7803334_/_8824714'	0.4	2.4	3.33	0.17	0.1	3.11	0.92	No	0.1 Element Fault
SIP073	755	'3101233_/_3101230'	0.4	3.1	3.33	0.04	0.5	3.02	1.62	No	0.04 Thermal Discharging
SIP073	756	'3100569_/_43263692'	0.43	2.33	3.33	0.17	0.3	3.08	0.92	No	0.17 Thermal Discharging
SIP073	757	'3101217_/_3101214'	0.4	3.07	3.33	0.04	0.5	3	1.62	No	0.04 Thermal Discharging
SIP073	758	'3101203_/_3101201'	0.4	3.07	3.33	0.04	0.5	3	1.62	No	0.04 Thermal Discharging
SIP073	759	'3093871_/_3093869'	1.2	6.9	10	0.5	3.2	9.25	2.75	No	0.5 Thermal Discharging
SIP073	760	'3101378_/_3101376'	0.3	2.97	3.33	0.04	0.5	2.98	1.62	No	0.04 Thermal Discharging
SIP073	761	'50410162_/_3102957'	0.4	2.33	3.33	0.17	0.2	3.06	0.92	No	0.17 Thermal Discharging
SIP073	762	'3101246_/_3101243'	0.4	3.03	3.33	0.04	0.5	2.97	1.62	No	0.04 Thermal Discharging
SIP073	763	'348150423_/_43263835'	0.4	3.03	3.33	0.04	0.5	2.97	1.62	No	0.04 Thermal Discharging
SIP073	764	'3101457_/_3101454'	0.3	2.97	3.33	0.04	0.5	2.97	1.62	No	0.04 Thermal Discharging
SIP073	765	'7803333_/_7803331'	0.4	2.33	3.33	0.17	0.1	3.03	0.92	No	0.1 Element Fault
SIP073	766	'38871141_/_9074585'	0.37	2.3	3.33	0.17	0.1	3.01	0.92	No	0.1 Element Fault
SIP073	767	'3093889_/_3093886'	1.1	6.7	10	0.5	3.2	9.04	2.75	No	0.5 Thermal Discharging
SIP073	768	'3093536_/_3108721_1'	0.37	2.23	3.33	0.17	0.3	3.01	0.92	No	0.17 Thermal Discharging
SIP073	769	'3101258_/_3101256'	0.4	2.93	3.33	0.04	0.5	2.92	1.62	No	0.04 Thermal Discharging
SIP073	770	'3101029_/_3101026_1'	1.1	6.6	10	0.5	1.5	8.99	2.75	No	0.5 Thermal Discharging
SIP073	771	'43263701_/_3100582'	0.4	2.23	3.33	0.17	0.3	2.99	0.92	No	0.17 Thermal Discharging
SIP073	772	'43263545_/_3101026_2'	1.1	6.6	10	0.5	1.5	8.97	2.75	No	0.5 Thermal Discharging
SIP073	773	'43263855_/_43263857'	0.3	2.87	3.33	0.04	0.5	2.91	1.62	No	0.04 Thermal Discharging
SIP073	774	'3101284_/_3101282'	0.4	2.87	3.33	0.04	0.5	2.87	1.62	No	0.04 Thermal Discharging
SIP073	775	'3093400_/_3108698'	1.1	6.5	10	0.5	3.2	8.85	2.75	No	0.5 Thermal Discharging
SIP073	776	'3101298_/_3101295'	0.4	2.87	3.33	0.04	0.5	2.86	1.62	No	0.04 Thermal Discharging
SIP073	777	'96448118_/_3094035'	0.37	2.17	3.33	0.17	1.07	2.94	0.92	No	0.17 Thermal Discharging
SIP073	778	'754595449_/_754595453'	1.1	6.4	10	0.5	1.5	8.8	2.75	No	0.5 Thermal Discharging
SIP073	779	'3100598_/_3100595'	0.4	2.2	3.33	0.17	0.3	2.93	0.92	No	0.17 Thermal Discharging
SIP073	780	'3101340_/_3101363'	0.3	2.73	3.33	0.04	0.5	2.84	1.62	No	0.04 Thermal Discharging
SIP073	781	'43263532_/_43263534'	1.1	6.3	10	0.5	1.5	8.69	2.75	No	0.5 Thermal Discharging
SIP073	782	'3093523_/_3093533'	0.37	2.13	3.33	0.17	0.3	2.88	0.92	No	0.17 Thermal Discharging
SIP073	783	'3094072_/_3094089'	0.37	2.1	3.33	0.17	1.07	2.89	0.92	No	0.17 Thermal Discharging
SIP073	784	'3100611_/_3100608'	0.4	2.13	3.33	0.17	0.3	2.87	0.92	No	0.17 Thermal Discharging
SIP073	785	'3093363_/_3093397'	1.1	6.2	10	0.5	3.2	8.62	2.75	No	0.5 Thermal Discharging
SIP073	786	'43263844_/_3101337'	0.3	2.67	3.33	0.04	0.5	2.79	1.62	No	0.04 Thermal Discharging
SIP073	787	'3094055_/_3094069'	0.37	2.07	3.33	0.17	1.07	2.85	0.92	No	0.17 Thermal Discharging
SIP073	788	'3101685_/_3101695'	0.37	2.13	3.33	0.17	0.2	2.84	0.92	No	0.17 Thermal Discharging
SIP073	789	'3100624_/_3100621'	0.37	2.1	3.33	0.17	0.3	2.83	0.92	No	0.17 Thermal Discharging
SIP073	790	'3093522_/_3093520'	0.37	2.07	3.33	0.17	0.3	2.83	0.92	No	0.17 Thermal Discharging
SIP073	791	'3094054_/_3094052'	0.37	2.07	3.33	0.17	1.07	2.83	0.92	No	0.17 Thermal Discharging
SIP073	792	'52547236_/_3100686_1'	0.37	2.1	3.33	0.17	0.2	2.82	0.92	No	0.17 Thermal Discharging
SIP073	793	'3101044_/_3101059'	1	6.1	10	0.5	1.5	8.49	2.75	No	0.5 Thermal Discharging
SIP073	794	'3100637_/_3100634'	0.37	2.07	3.33	0.17	0.3	2.8	0.92	No	0.17 Thermal Discharging
SIP073	795	'3101327_/_3101350'	0.27	2.57	3.33	0.04	0.5	2.73	1.62	No	0.04 Thermal Discharging
SIP073	796	'429773512_/_429773417_1'	0.27	2.57	3.33	0.04	0.1	2.73	1.62	No	0.04 Thermal Discharging
SIP073	797	'43263734_/_3100686_2'	0.37	2.07	3.33	0.17	0.2	2.78	0.92	No	0.17 Thermal Discharging
SIP073	798	'3093346_/_3093360'	1	6	10	0.5	3.2	8.33	2.75	No	0.5 Thermal Discharging
SIP073	799	'331956938_/_310702824_1'	1	6	10	0.5	0.9	8.33	2.75	No	0.5 Thermal Discharging
SIP073	800	'412434772_/_310702824_2'	1	6	10	0.5	0.9	8.31	2.75	No	0.5 Thermal Discharging
SIP073	801	'3101311_/_3101324'	0.27	2.53	3.33	0.04	0.5	2.7	1.62	No	0.04 Thermal Discharging
SIP073	802	'85940456_/_85940407'	0.37	2.03	3.33	0.17	0.3	2.75	0.92	No	0.17 Thermal Discharging
SIP073	803	'43263520_/_43263522'	1	5.9	10	0.5	1.5	8.23	2.75	No	0.5 Thermal Discharging
SIP073	804	'412434725_/_412434821'	1	5.9	10	0.5	0.9	8.21	2.75	No	0.5 Thermal Discharging
SIP073	805	'74711560_/_3101682'	0.33	2.03	3.33	0.17	0.2	2.73	0.92	No	0.17 Thermal Discharging
SIP073	806	'85940845_/_85940459'	0.37	2.03	3.33	0.17	0.3	2.72	0.92	No	0.17 Thermal Discharging
SIP073	807	'3093241_/_412434731'	1	5.9	10	0.5	0.9	8.19	2.75	No	0.5 Thermal Discharging
SIP073	808	'412434890_/_3093238_2'	1	5.8	10	0.5	0.9	8.15	2.75	No	0.5 Thermal Discharging
SIP073	809	'43263388_/_3093343'	1	5.8	10	0.5	3.2	8.15	2.75	No	0.5 Thermal Discharging
SIP073	810	'3101672_/_74711565'	0.33	2	3.33	0.17	0.2	2.69	0.92	No	0.17 Thermal Discharging
SIP073	811	'3100676_/_85940526'	0.37	2	3.33	0.17	0.3	2.69	0.92	No	0.17 Thermal Discharging
SIP073	812	'3100705_/_43263736'	0.37	2	3.33	0.17	0.2	2.69	0.92	No	0.17 Thermal Discharging
SIP073	813	'85940766_/_3101000_2'	0.37	1.97	3.33	0.17	0.3	2.67	0.92	No	0.17 Thermal Discharging
SIP073	814	'3093946_/_3093943'	1	5.7	10	0.5	1.5	8.03	2.75	No	0.5 Thermal Discharging
SIP073	815	'3101310_/_3101308'	0.27	2.4	3.33	0.04	0.5	2.61	1.62	No	0.04 Thermal Discharging
SIP073	816	'53657911_/_3137711'	0.37	1.97	3.33	0.17	0.2	2.65	0.92	No	0.17 Thermal Discharging
SIP073	817	'3093224_/_3093238_1'	1	5.6	10	0.5	0.9	7.95	2.75	No	0.5 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SIP073	818	'3101671_/3101669'	0.33	1.97	3.33	0.17	0.2	2.64	0.92 No	0.17	Thermal Discharging
SIP073	819	'8195392_/8506671_1'	0.33	1.97	3.33	0.17	0.1	2.64	0.92 No	0.1	Element Fault
SIP073	820	'7873442_/7873455_1'	0.33	1.97	3.33	0.17	0.1	2.64	0.92 No	0.1	Element Fault
SIP073	821	'429773398_/429773417_2'	0.27	2.37	3.33	0.04	0.1	2.58	1.62 No	0.04	Thermal Discharging
SIP073	822	'85940600_/85940597'	0.33	1.93	3.33	0.17	0.3	2.63	0.92 No	0.17	Thermal Discharging
SIP073	823	'3093329_/3093434'	1	5.6	10	0.5	3.2	7.91	2.75 No	0.5	Thermal Discharging
SIP073	824	'3100925_/3101000_1'	0.33	1.93	3.33	0.17	0.1	2.62	0.92 No	0.1	Element Fault
SIP073	825	'65772371_/3093504_1'	0.33	1.87	3.33	0.17	0.3	2.63	0.92 No	0.17	Thermal Discharging
SIP073	826	'3093964_/3093961'	0.9	5.6	10	0.5	1.5	7.86	2.75 No	0.5	Thermal Discharging
SIP073	827	'8506674_/8506671_2'	0.33	1.93	3.33	0.17	0.1	2.6	0.92 No	0.1	Element Fault
SIP073	828	'3093207_/3093221'	1	5.5	10	0.5	0.9	7.81	2.75 No	0.5	Thermal Discharging
SIP073	829	'65772377_/3093504_2'	0.33	1.83	3.33	0.17	0.3	2.59	0.92 No	0.17	Thermal Discharging
SIP073	830	'7873458_/7873455_2'	0.33	1.9	3.33	0.17	0.1	2.57	0.92 No	0.1	Element Fault
SIP073	831	'43263800_/3100922'	0.33	1.9	3.33	0.17	0.1	2.57	0.92 No	0.1	Element Fault
SIP073	832	'3093328_/3093326'	0.9	5.4	10	0.5	3.2	7.72	2.75 No	0.5	Thermal Discharging
SIP073	833	'8823739_/8823736'	0.3	1.87	3.33	0.17	0.1	2.56	0.92 No	0.1	Element Fault
SIP073	834	'3093190_/3093204'	0.9	5.4	10	0.5	0.9	7.67	2.75 No	0.5	Thermal Discharging
SIP073	835	'3093979_/3093976'	0.9	5.4	10	0.5	1.5	7.66	2.75 No	0.5	Thermal Discharging
SIP073	836	'3100870_/3100893'	0.33	1.87	3.33	0.17	0.1	2.54	0.92 No	0.1	Element Fault
SIP073	837	'3137714_/53657888'	0.33	1.87	3.33	0.17	0.2	2.54	0.92 No	0.17	Thermal Discharging
SIP073	838	'52547264_/75372621_1'	0.33	1.87	3.33	0.17	0.1	2.53	0.92 No	0.1	Element Fault
SIP073	839	'43263401_/43263403'	0.9	5.3	10	0.5	3.2	7.6	2.75 No	0.5	Thermal Discharging
SIP073	840	'43263414_/3093451'	0.9	5.3	10	0.5	3.2	7.57	2.75 No	0.5	Thermal Discharging
SIP073	841	'3100857_/3100867'	0.33	1.83	3.33	0.17	0.1	2.51	0.92 No	0.1	Element Fault
SIP073	842	'3093994_/3093991'	0.9	5.3	10	0.5	1.5	7.54	2.75 No	0.5	Thermal Discharging
SIP073	843	'9138570_/9138567'	0.3	1.83	3.33	0.17	0.1	2.5	0.92 No	0.1	Element Fault
SIP073	844	'3093173_/3093187'	0.9	5.2	10	0.5	0.9	7.52	2.75 No	0.5	Thermal Discharging
SIP073	845	'3093292_/3093309'	0.9	5.2	10	0.5	3.2	7.5	2.75 No	0.5	Thermal Discharging
SIP073	846	'3100882_/3100880'	0.33	1.83	3.33	0.17	0.1	2.49	0.92 No	0.1	Element Fault
SIP073	847	'43263789_/43263791'	0.33	1.8	3.33	0.17	0.1	2.48	0.92 No	0.1	Element Fault
SIP073	848	'3093477_/43263416'	0.9	5.2	10	0.5	3.2	7.46	2.75 No	0.5	Thermal Discharging
SIP073	849	'3094142_/3094139'	0.9	5.2	10	0.5	1.5	7.42	2.75 No	0.5	Thermal Discharging
SIP073	850	'75372618_/75372621_2'	0.33	1.8	3.33	0.17	0.1	2.46	0.92 No	0.1	Element Fault
SIP073	851	'3100831_/3100841'	0.33	1.8	3.33	0.17	0.1	2.46	0.92 No	0.1	Element Fault
SIP073	852	'43263614_/3094009'	0.3	1.73	3.33	0.17	0.5	2.46	0.92 No	0.17	Thermal Discharging
SIP073	853	'754595599_/3094175'	0.3	1.7	3.33	0.17	0.5	2.46	0.92 No	0.17	Thermal Discharging
SIP073	854	'3093156_/3093170'	0.9	5.1	10	0.5	0.9	7.37	2.75 No	0.5	Thermal Discharging
SIP073	855	'3133778_/3137740'	0.33	1.77	3.33	0.17	0.2	2.43	0.92 No	0.17	Thermal Discharging
SIP073	856	'43263570_/754595603'	0.3	1.7	3.33	0.17	0.5	2.44	0.92 No	0.17	Thermal Discharging
SIP073	857	'7874099_/9454534_1'	0.33	1.77	3.33	0.17	0.1	2.43	0.92 No	0.1	Element Fault
SIP073	858	'3093275_/3093289'	0.9	5.1	10	0.5	3.2	7.32	2.75 No	0.5	Thermal Discharging
SIP073	859	'8507404_/8507401_2'	0.3	1.77	3.33	0.17	0.2	2.43	0.92 No	0.17	Thermal Discharging
SIP073	860	'43263778_/43263780'	0.3	1.77	3.33	0.17	0.1	2.43	0.92 No	0.1	Element Fault
SIP073	861	'3094159_/3094157'	0.6	3.4	6.67	0.33	1	4.88	1.84 No	0.33	Thermal Discharging
SIP073	862	'3094194_/43263572'	0.3	1.67	3.33	0.17	0.5	2.42	0.92 No	0.17	Thermal Discharging
SIP073	863	'75372681_/3137727'	0.3	1.77	3.33	0.17	0.1	2.4	0.92 No	0.1	Element Fault
SIP073	864	'7246311_/8507401_1'	0.3	1.73	3.33	0.17	0.1	2.4	0.92 No	0.1	Element Fault
SIP073	865	'75372792_/75372753_1'	0.3	1.73	3.33	0.17	0.1	2.4	0.92 No	0.1	Element Fault
SIP073	866	'3094024_/3094126'	0.3	1.67	3.33	0.17	0.5	2.4	0.92 No	0.17	Thermal Discharging
SIP073	867	'3093155_/3093153'	0.9	5	10	0.5	0.9	7.2	2.75 No	0.5	Thermal Discharging
SIP073	868	'7563306_/9453814'	0.3	1.73	3.33	0.17	0.1	2.38	0.92 No	0.1	Element Fault
SIP073	869	'3093274_/3093272'	0.9	4.9	10	0.5	3.2	7.17	2.75 No	0.5	Thermal Discharging
SIP073	870	'7246295_/9454534_2'	0.3	1.73	3.33	0.17	0.1	2.38	0.92 No	0.1	Element Fault
SIP073	871	'3133779_/3133776'	0.3	1.73	3.33	0.17	0.2	2.37	0.92 No	0.17	Thermal Discharging
SIP073	872	'8127158_/8127169_1'	0.3	1.77	3.33	0.17	0.1	2.37	0.92 No	0.1	Element Fault
SIP073	873	'75372746_/75372753_2'	0.3	1.7	3.33	0.17	0.1	2.36	0.92 No	0.1	Element Fault
SIP073	874	'7563307_/7563304'	0.3	1.7	3.33	0.17	0.1	2.35	0.92 No	0.1	Element Fault
SIP073	875	'43263767_/43263769'	0.3	1.7	3.33	0.17	0.1	2.35	0.92 No	0.1	Element Fault
SIP073	876	'3098178_/3098175'	0.3	1.63	3.33	0.17	0.5	2.36	0.92 No	0.17	Thermal Discharging
SIP073	877	'43263581_/3098201'	0.3	1.63	3.33	0.17	0.5	2.36	0.92 No	0.17	Thermal Discharging
SIP073	878	'3094025_/3094022'	0.3	1.63	3.33	0.17	0.5	2.35	0.92 No	0.17	Thermal Discharging
SIP073	879	'3098191_/3098188'	0.3	1.63	3.33	0.17	0.5	2.34	0.92 No	0.17	Thermal Discharging
SIP073	880	'9453833_/9453830'	0.27	1.7	3.33	0.17	0.1	2.33	0.92 No	0.1	Element Fault
SIP073	881	'7246312_/7246309'	0.3	1.67	3.33	0.17	0.1	2.32	0.92 No	0.1	Element Fault
SIP073	882	'112907495_/3098282'	0.3	1.6	3.33	0.17	0.5	2.3	0.92 No	0.17	Thermal Discharging
SIP073	883	'8196376_/8196373'	0.3	1.67	3.33	0.17	0.1	2.29	0.92 No	0.1	Element Fault
SIP073	884	'43263592_/43263583'	0.3	1.6	3.33	0.17	0.5	2.3	0.92 No	0.17	Thermal Discharging
SIP073	885	'112906595_/112906578_1'	0.3	1.6	3.33	0.17	0.1	2.3	0.92 No	0.1	Element Fault
SIP073	886	'157651569_/3100770_2'	0.3	1.6	3.33	0.17	0.5	2.29	0.92 No	0.17	Thermal Discharging
SIP073	887	'8196392_/9139375'	0.3	1.63	3.33	0.17	0.1	2.28	0.92 No	0.1	Element Fault
SIP073	888	'8196391_/8196389'	0.3	1.63	3.33	0.17	0.1	2.27	0.92 No	0.1	Element Fault
SIP073	889	'3093685_/3108663'	0.8	4.6	10	0.5	0.9	6.8	2.75 No	0.5	Thermal Discharging
SIP073	890	'324073526_/3098295'	0.27	1.57	3.33	0.17	0.5	2.26	0.92 No	0.17	Thermal Discharging
SIP073	891	'324073543_/154834446_1'	0.27	1.57	3.33	0.17	0.2	2.26	0.92 No	0.17	Thermal Discharging
SIP073	892	'105943023_/105942773'	0.3	1.63	3.33	0.17	0.1	2.25	0.92 No	0.1	Element Fault
SIP073	893	'43263756_/3100770_1'	0.27	1.57	3.33	0.17	0.1	2.25	0.92 No	0.1	Element Fault
SIP073	894	'3098233_/43263594'	0.27	1.57	3.33	0.17	0.5	2.24	0.92 No	0.17	Thermal Discharging
SIP073	895	'3100788_/3100786_1'	0.27	1.57	3.33	0.17	0.1	2.24	0.92 No	0.1	Element Fault
SIP073	896	'154834449_/154834446_2'	0.27	1.53	3.33	0.17	0.2	2.23	0.92 No	0.17	Thermal Discharging
SIP073	897	'3093669_/3093682'	0.8	4.5	10	0.5	0.9	6.64	2.75 No	0.5	Thermal Discharging
SIP073	898	'109403204_/112906578_2'	0.27	1.53	3.33	0.17	0.1	2.21	0.92 No	0.1	Element Fault
SIP073	899	'105942862_/105942873'	0.27	1.57	3.33	0.17	0.1	2.2	0.92 No	0.1	Element Fault
SIP073	900	'3093771_/3093769_2'	0.8	4.5	10	0.5	0.9	6.63	2.75 No	0.5	Thermal Discharging
SIP073	901	'43263603_/3098243'	0.27	1.53	3.33	0.17	0.5	2.2	0.92 No	0.17	Thermal Discharging
SIP073	902	'157651632_/3093666_2'	0.27	1.5	3.33	0.17	0.3	2.2	0.92 No	0.17	Thermal Discharging
SIP073	903	'154834476_/154834473'	0.27	1.53	3.33	0.17	0.2	2.19	0.92 No	0.17	Thermal Discharging
SIP073	904	'43263440_/3093666_1'	0.27	1.47	3.33	0.17	0.1	2.19	0.92 No	0.1	Element Fault
SIP073	905	'3093772_/3093769_1'	0.8	4.4	10	0.5	0.5	6.52	2.75 No	0.5	Thermal Discharging
SIP073	906	'156398851_/156398848'	0.27	1.5	3.33	0.17	0.2	2.16	0.92 No	0.17	Thermal Discharging
SIP073	907	'3098259_/43263605'	0.27	1.47	3.33	0.17	0.5	2.15	0.92 No	0.17	Thermal Discharging
SIP073	908	'3093630_/3093805'	0.27	1.47	3.33	0.17	0.1	2.15	0.92 No	0.1	Element Fault
SIP073	909	'43263427_/3093739'	0.7	4.3	10	0.5	0.9	6.45	2.75 No	0.5	Thermal Discharging
SIP073	910	'43263496_/3108683'	0.7	4.3	10	0.5	0.5	6.44	2.75 No	0.5	Thermal Discharging
SIP073	911	'220756862_/3093627_2'	0.27	1.43	3.33	0.17	0.1	2.14	0.92 No	0.1	Element Fault

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SIP073	912	'43263451_/3093640'	0.27	1.43	3.33	0.17	0.1	2.13	0.92 No	0.1	Element Fault
SIP073	913	'156398884_/156398881'	0.27	1.47	3.33	0.17	0.2	2.12	0.92 No	0.17	Thermal Discharging
SIP073	914	'112906608_/112906619'	0.27	1.47	3.33	0.17	0.1	2.12	0.92 No	0.1	Element Fault
SIP073	915	'3093617_/3093627_1'	0.27	1.43	3.33	0.17	0.1	2.12	0.92 No	0.1	Element Fault
SIP073	916	'3093704_/3093702'	0.7	4.3	10	0.5	0.9	6.38	2.75 No	0.5	Thermal Discharging
SIP073	917	'3098272_/3098269'	0.27	1.43	3.33	0.17	0.5	2.11	0.92 No	0.17	Thermal Discharging
SIP073	918	'383154825_/43263465'	0.27	1.43	3.33	0.17	0.1	2.1	0.92 No	0.1	Element Fault
SIP073	919	'428659640_/7245703_2'	0.27	1.43	3.33	0.17	0.1	2.1	0.92 No	0.1	Element Fault
SIP073	920	'3093820_/43263498'	0.7	4.2	10	0.5	0.5	6.31	2.75 No	0.5	Thermal Discharging
SIP073	921	'156398911_/156398908'	0.27	1.47	3.33	0.17	0.2	2.09	0.92 No	0.17	Thermal Discharging
SIP073	922	'428659644_/7245703_1'	0.23	1.4	3.33	0.17	0.1	2.1	0.92 No	0.1	Element Fault
SIP073	923	'3093725_/3093722'	0.7	4.2	10	0.5	0.9	6.29	2.75 No	0.5	Thermal Discharging
SIP073	924	'3093604_/3093614'	0.23	1.4	3.33	0.17	0.1	2.09	0.92 No	0.1	Element Fault
SIP073	925	'156683533_/156398935'	0.27	1.43	3.33	0.17	0.2	2.08	0.92 No	0.17	Thermal Discharging
SIP073	926	'211607389_/156683539'	0.27	1.43	3.33	0.17	0.2	2.06	0.92 No	0.17	Thermal Discharging
SIP073	927	'3093591_/3093601'	0.23	1.4	3.33	0.17	0.1	2.06	0.92 No	0.1	Element Fault
SIP073	928	'87159096_/87159101'	0.7	4.1	10	0.5	0.5	6.17	2.75 No	0.5	Thermal Discharging
SIP073	929	'157740128_/86785364_2'	0.23	1.37	3.33	0.17	0.17	2.05	0.92 No	0.17	Thermal Discharging
SIP073	930	'157651672_/87159168_1'	0.47	2.73	6.67	0.33	0.2	4.1	1.84 No	0.2	Element Fault
SIP073	931	'43263508_/3093818'	0.7	4.1	10	0.5	0.5	6.15	2.75 No	0.5	Thermal Discharging
SIP073	932	'86785367_/86785364_1'	0.23	1.37	3.33	0.17	0.1	2.04	0.92 No	0.1	Element Fault
SIP073	933	'43263474_/3093588'	0.23	1.37	3.33	0.17	0.1	2.03	0.92 No	0.1	Element Fault
SIP073	934	'87159171_/87159168_2'	0.47	2.73	6.67	0.33	0.2	4.06	1.84 No	0.2	Element Fault
SIP073	935	'3100908_/3100906'	0.23	1.4	3.33	0.17	0.2	2.01	0.92 No	0.17	Thermal Discharging
SIP073	936	'3122235_/3122246'	0.23	1.4	3.33	0.17	0.2	1.99	0.92 No	0.17	Thermal Discharging
SIP073	937	'87159202_/87159199'	0.47	2.67	6.67	0.33	0.2	4.01	1.84 No	0.2	Element Fault
SIP073	938	'425287605_/415411811_1'	0.23	1.4	3.33	0.17	0.1	1.99	0.92 No	0.1	Element Fault
SIP073	939	'49483575_/8507113_2'	0.23	1.4	3.33	0.17	0.2	1.99	0.92 No	0.17	Thermal Discharging
SIP073	940	'112906662_/112906673'	0.23	1.37	3.33	0.17	0.1	1.99	0.92 No	0.1	Element Fault
SIP073	941	'43263485_/3093653'	0.23	1.33	3.33	0.17	0.1	1.99	0.92 No	0.1	Element Fault
SIP073	942	'87159253_/87159250'	0.47	2.67	6.67	0.33	0.2	3.97	1.84 No	0.2	Element Fault
SIP073	943	'7873891_/8507113_1'	0.23	1.37	3.33	0.17	0.1	1.98	0.92 No	0.1	Element Fault
SIP073	944	'87159284_/87159281'	0.47	2.6	6.67	0.33	0.2	3.94	1.84 No	0.2	Element Fault
SIP073	945	'3093575_/3161397'	0.23	1.33	3.33	0.17	0.1	1.96	0.92 No	0.1	Element Fault
SIP073	946	'3100937_/3122233'	0.23	1.33	3.33	0.17	0.2	1.94	0.92 No	0.17	Thermal Discharging
SIP073	947	'87159337_/87159334'	0.47	2.6	6.67	0.33	0.2	3.89	1.84 No	0.2	Element Fault
SIP073	948	'498675771_/85071129'	0.23	1.33	3.33	0.17	0.1	1.94	0.92 No	0.1	Element Fault
SIP073	949	'3093562_/3093572'	0.23	1.3	3.33	0.17	0.1	1.93	0.92 No	0.1	Element Fault
SIP073	950	'498675845_/498675861'	0.23	1.33	3.33	0.17	0.1	1.92	0.92 No	0.1	Element Fault
SIP073	951	'87159366_/87159363'	0.47	2.6	6.67	0.33	0.2	3.86	1.84 No	0.2	Element Fault
SIP073	952	'498675808_/498675887'	0.23	1.33	3.33	0.17	0.1	1.91	0.92 No	0.1	Element Fault
SIP073	953	'86785623_/87159536'	0.47	2.53	6.67	0.33	0.2	3.83	1.84 No	0.2	Element Fault
SIP073	954	'3100938_/3100935'	0.23	1.3	3.33	0.17	0.2	1.89	0.92 No	0.17	Thermal Discharging
SIP073	955	'3093549_/3093559'	0.23	1.27	3.33	0.17	0.1	1.89	0.92 No	0.1	Element Fault
SIP073	956	'7245721_/498675814'	0.23	1.3	3.33	0.17	0.1	1.88	0.92 No	0.1	Element Fault
SIP073	957	'156412873_/415411811_2'	0.23	1.3	3.33	0.17	0.1	1.86	0.92 No	0.1	Element Fault
SIP073	958	'3093548_/3093546'	0.23	1.27	3.33	0.17	0.1	1.86	0.92 No	0.1	Element Fault
SIP073	959	'3100951_/3100948'	0.23	1.3	3.33	0.17	0.2	1.85	0.92 No	0.17	Thermal Discharging
SIP073	960	'3100964_/3100961'	0.23	1.27	3.33	0.17	0.2	1.81	0.92 No	0.17	Thermal Discharging
SIP073	961	'53744213_/7245719'	0.23	1.23	3.33	0.17	0.1	1.8	0.92 No	0.1	Element Fault
SIP073	962	'156412911_/156412929'	0.23	1.23	3.33	0.17	0.1	1.79	0.92 No	0.1	Element Fault
SIP073	963	'3100977_/3100974'	0.2	1.23	3.33	0.17	0.2	1.78	0.92 No	0.17	Thermal Discharging
SIP073	964	'3100990_/3100987'	0.2	1.2	3.33	0.17	0.2	1.75	0.92 No	0.17	Thermal Discharging
SIP073	965	'156010232_/156010250'	0.2	1.2	3.33	0.17	0.1	1.74	0.92 No	0.1	Element Fault
SIP073	966	'156010267_/156414080'	0.2	1.13	3.33	0.17	0.1	1.67	0.92 No	0.1	Element Fault
SI0001	0	'SJO001_/3504648_1'	10	10	10	0.13	6.5	10	4.28 No	0.13	Thermal Discharging
SI0001	1	'Node_6807085730_/3504648_1'	10	10	10	0.13	6.5	10	4.28 No	0.13	Thermal Discharging
SI0001	2	'Node_6807085942_/Section_6807085731'	3.33	3.33	3.33	0.04	2.17	3.33	1.43 No	0.04	Thermal Discharging
SI0001	3	'Node_6807086474_/Section_6807086947'	3.33	3.33	3.33	0.04	2.17	3.33	1.43 No	0.04	Thermal Discharging
SI0001	4	'420728293_/Section_6807086475'	3.33	3.33	3.33	0.04	2.17	3.33	1.43 No	0.04	Thermal Discharging
SI0001	5	'384782833_/Section_6807085943'	3.33	3.33	3.33	0.04	0.3	3.33	1.43 No	0.04	Thermal Discharging
SI0001	6	'384782743_/3504648_2'	3.33	3.33	3.33	0.04	0.3	3.33	1.43 No	0.04	Thermal Discharging
SI0001	7	'384782544_/3504635'	0.03	3.33	3.33	0.04	0.3	3.33	1.43 No	0.03	Primary Over-Voltage
SI0001	8	'384782532_/3504622'	0.03	3.33	3.33	0.04	0.3	3.33	1.43 No	0.03	Primary Over-Voltage
SI0001	9	'384782680_/3504932'	0.03	3.33	3.33	0.04	0.3	2.4	1.43 No	0.03	Primary Over-Voltage
SI0001	10	'384782644_/384782682'	0.03	2.63	3.33	0.04	0.3	1.81	1.43 No	0.03	Primary Over-Voltage
SI0001	11	'384782608_/384782646'	0.03	1.53	3.33	0.04	0.3	1.48	1.43 No	0.03	Primary Over-Voltage
SI0001	12	'384782241_/384782610'	0.03	1.17	3.33	0.04	0.3	1.26	1.43 No	0.03	Primary Over-Voltage
SI0001	13	'384782116_/3504609'	0.03	0.93	3.33	0.04	0.3	1.1	1.43 No	0.03	Primary Over-Voltage
SI0001	14	'7263505_/7263503_1'	0.03	0.93	3.33	0.04	0.1	1.09	1.43 No	0.03	Primary Over-Voltage
SI0001	15	'7263506_/7263503_2'	0.03	0.87	3.33	0.04	0.1	1.03	1.43 No	0.03	Primary Over-Voltage
SI0001	16	'398660957_/398660959'	0.03	0.83	3.33	0.04	0.3	1.01	1.43 No	0.03	Primary Over-Voltage
SI0001	17	'384782012_/3505003'	0.03	0.73	3.33	0.04	0.3	0.92	1.43 No	0.03	Primary Over-Voltage
SI0001	18	'3504977_/3504974'	0.03	0.7	3.33	0.04	0.3	0.89	1.43 No	0.03	Primary Over-Voltage
SI0001	19	'3504708_/3504919'	0.03	0.7	3.33	0.04	0.3	0.89	1.43 No	0.03	Primary Over-Voltage
SI0001	20	'7263521_/7263519_1'	0.03	0.7	3.33	0.04	0.1	0.88	1.43 No	0.03	Primary Over-Voltage
SI0001	21	'384782292_/43329577'	0.03	0.63	3.33	0.04	0.3	0.83	1.43 No	0.03	Primary Over-Voltage
SI0001	22	'384114968_/3504961'	0.03	0.63	3.33	0.04	0.3	0.83	1.43 No	0.03	Primary Over-Voltage
SI0001	23	'3504709_/3504706'	0.03	0.63	3.33	0.04	0.3	0.83	1.43 No	0.03	Primary Over-Voltage
SI0001	24	'9157443_/586296864_2'	0.03	0.63	3.33	0.04	0.3	0.82	1.43 No	0.03	Primary Over-Voltage
SI0001	25	'384782417_/8212767_2'	0.03	0.63	3.33	0.04	0.3	0.82	1.43 No	0.03	Primary Over-Voltage
SI0001	26	'586296844_/586296864_1'	0.03	0.63	3.33	0.04	0.1	0.82	1.43 No	0.03	Primary Over-Voltage
SI0001	27	'7263522_/7263519_2'	0.03	0.6	3.33	0.04	0.1	0.77	1.43 No	0.03	Primary Over-Voltage
SI0001	28	'3504722_/3504719'	0.03	0.6	3.33	0.04	0.3	0.77	1.43 No	0.03	Primary Over-Voltage
SI0001	29	'384114906_/3504583'	0.03	0.57	3.33	0.04	0.3	0.75	1.43 No	0.03	Primary Over-Voltage
SI0001	30	'9157444_/9157441'	0.03	0.57	3.33	0.04	0.1	0.75	1.43 No	0.03	Primary Over-Voltage
SI0001	31	'398661032_/3504732'	0.03	0.53	3.33	0.04	0.3	0.73	1.43 No	0.03	Primary Over-Voltage
SI0001	32	'3504890_/3504887'	0.03	0.53	3.33	0.04	0.3	0.71	1.43 No	0.03	Primary Over-Voltage
SI0001	33	'8212770_/8212767_1'	0.03	0.5	3.33	0.04	0.1	0.7	1.43 No	0.03	Primary Over-Voltage
SI0001	34	'384114877_/3504570'	0.03	0.5	3.33	0.04	0.3	0.69	1.43 No	0.03	Primary Over-Voltage
SI0001	35	'3504680_/3504677'	0.03	0.5	3.33	0.04	0.3	0.69	1.43 No	0.03	Primary Over-Voltage
SI0001	36	'3504735_/398661034'	0.03	0.5	3.33	0.04	0.3	0.69	1.43 No	0.03	Primary Over-Voltage
SI0001	37	'384114797_/43328213'	0.03	0.43	3.33	0.04	0.3	0.62	1.43 No	0.03	Primary Over-Voltage
SI0001	38	'3504748_/3504745'	0.03	0.4	3.33	0.04	0.3	0.57	1.43 No	0.03	Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SI0001	39	'384114651_/3504544'	0.03	0.4	3.33	0.04	0.3	0.56	1.43 No	0.03	Primary Over-Voltage
SI0001	40	'484573029_/3504761'	0.03	0.37	3.33	0.04	0.3	0.53	1.43 No	0.03	Primary Over-Voltage
SI0001	41	'384114775_/384114777'	0.03	0.37	3.33	0.04	0.3	0.52	1.43 No	0.03	Primary Over-Voltage
SI0001	42	'484572781_/484572778'	0.03	0.37	3.33	0.04	0.3	0.51	1.43 No	0.03	Primary Over-Voltage
SI0001	43	'466279033_/398660864'	0.03	0.33	3.33	0.04	0.3	0.5	1.43 No	0.03	Primary Over-Voltage
SI0001	44	'398660814_/3504661'	0.03	0.33	3.33	0.04	0.3	0.49	1.43 No	0.03	Primary Over-Voltage
SI0001	45	'3504664_/398660816'	0.03	0.33	3.33	0.04	0.3	0.48	1.43 No	0.03	Primary Over-Voltage
SI0001	46	'3504777_/3504774'	0.03	0.33	3.33	0.04	0.3	0.47	1.43 No	0.03	Primary Over-Voltage
SI0001	47	'3504948_/3504945'	0.03	0.3	3.33	0.04	0.3	0.42	1.43 No	0.03	Primary Over-Voltage
SI0001	48	'3504790_/3504787'	0.03	0.27	3.33	0.04	0.3	0.41	1.43 No	0.03	Primary Over-Voltage
SI0001	49	'3504803_/3504800'	0.03	0.27	3.33	0.04	0.3	0.39	1.43 No	0.03	Primary Over-Voltage
SI0001	50	'3504858_/3504855'	0.03	0.27	3.33	0.04	0.3	0.38	1.43 No	0.03	Primary Over-Voltage
SI0001	51	'3504816_/3504813'	0.03	0.23	3.33	0.04	0.3	0.37	1.43 No	0.03	Primary Over-Voltage
SI0001	52	'3504874_/3504871'	0.03	0.23	3.33	0.04	0.3	0.36	1.43 No	0.03	Primary Over-Voltage
SI0001	53	'3504829_/3504826'	0.03	0.23	3.33	0.04	0.3	0.35	1.43 No	0.03	Primary Over-Voltage
SLP071	0	'SLP071_/7802439'	10	10	10	1.608	10	10	4 No	1.608	Thermal Discharging
SLP071	1	'7802442_/7802439'	10	10	10	1.608	10	10	4 No	1.608	Thermal Discharging
SLP071	2	'7495210_/8438915'	10	10	10	1.608	10	10	4 No	1.608	Thermal Discharging
SLP071	3	'439986452_/7495208_1'	10	10	10	1.608	10	10	4 No	1.608	Thermal Discharging
SLP071	4	'5960413_/7495208_2'	10	10	10	1.608	10	10	4 No	1.608	Thermal Discharging
SLP071	5	'5960607_/5960604'	10	10	10	1.608	10	10	4 No	1.608	Thermal Discharging
SLP071	6	'5960552_/5960641'	10	10	10	1.608	10	10	4 No	1.608	Thermal Discharging
SLP071	7	'5960518_/5960550'	10	10	10	1.608	10	10	4 No	1.608	Thermal Discharging
SLP071	8	'50637628_/5960516'	10	10	10	1.608	10	10	4 No	1.608	Thermal Discharging
SLP071	9	'5955820_/50637626'	10	10	10	1.608	10	10	4 No	1.608	Thermal Discharging
SLP071	10	'5955763_/5955818'	10	10	10	1.608	10	10	4 No	1.608	Thermal Discharging
SLP071	11	'5955706_/5955761'	10	10	10	1.608	10	10	4 No	1.608	Thermal Discharging
SLP071	12	'5954344_/385757294'	10	10	10	1.608	10	10	4 No	1.608	Thermal Discharging
SLP071	13	'5954345_/5954342'	10	10	10	1.608	10	10	4 No	1.608	Thermal Discharging
SLP071	14	'5954362_/5954359'	10	10	10	1.608	10	10	4 No	1.608	Thermal Discharging
SLP071	15	'5954379_/5954376'	10	10	10	1.608	10	10	4 No	1.608	Thermal Discharging
SLP071	16	'5954396_/5954393'	10	10	10	1.608	10	10	4 No	1.608	Thermal Discharging
SLP071	17	'5954413_/5954410'	10	10	10	1.608	10	10	4 No	1.608	Thermal Discharging
SLP071	18	'5954532_/385757482'	10	10	10	1.608	10	10	4 No	1.608	Thermal Discharging
SLP071	19	'5955886_/5955883'	10	10	10	1.608	10	10	4 No	1.608	Thermal Discharging
SLP071	20	'5955903_/5955900'	10	10	10	1.608	10	10	4 No	1.608	Thermal Discharging
SLP071	21	'5955920_/5955917'	10	10	10	1.608	10	10	4 No	1.608	Thermal Discharging
SLP071	22	'5955936_/5956059'	10	10	10	1.608	10	10	4 No	1.608	Thermal Discharging
SLP071	23	'5955937_/5955934'	10	10	10	1.608	10	10	4 No	1.608	Thermal Discharging
SLP071	24	'5955954_/5955951'	10	10	10	1.608	10	10	4 No	1.608	Thermal Discharging
SLP071	25	'43822940_/7104143'	10	10	10	1.608	10	10	4 No	1.608	Thermal Discharging
SLP071	26	'43822953_/5991407'	10	10	10	1.608	10	10	4 No	1.608	Thermal Discharging
SLP071	27	'116088457_/123239818'	10	10	10	1.608	10	10	4 No	1.608	Thermal Discharging
SLP071	28	'116088523_/123239752'	10	10	10	1.608	10	10	4 No	1.608	Thermal Discharging
SLP071	29	'5991284_/5991475'	10	10	10	1.608	10	10	4 No	1.608	Thermal Discharging
SLP071	30	'5991216_/5991282'	10	10	10	1.608	10	10	4 No	1.608	Thermal Discharging
SLP071	31	'5991217_/5991214'	10	10	10	1.608	10	10	4 No	1.608	Thermal Discharging
SLP071	32	'5991196_/5991302'	10	10	10	1.608	10	10	4 No	1.608	Thermal Discharging
SLP071	33	'5991179_/5991194'	10	10	10	1.608	10	10	4 No	1.608	Thermal Discharging
SLP071	34	'5988854_/5991177'	10	10	10	1.608	10	10	4 No	1.608	Thermal Discharging
SLP071	35	'5987983_/5988852'	10	10	10	1.608	10	10	4 No	1.608	Thermal Discharging
SLP071	36	'5987984_/5988018_1'	10	10	10	1.608	1.5	10	4 No	1.5	Element Fault
SLP071	37	'5988872_/5988869'	10	10	10	1.608	10	10	4 No	1.608	Thermal Discharging
SLP071	38	'5988004_/5988018_2'	10	10	10	1.608	1.5	10	4 No	1.5	Element Fault
SLP071	39	'5988792_/5988886'	10	10	10	1.608	10	10	4 No	1.608	Thermal Discharging
SLP071	40	'5988906_/5988903'	10	10	10	1.608	10	10	4 No	1.608	Thermal Discharging
SLP071	41	'110290059_/5988100_1'	6.67	6.67	6.67	1.072	1	6.67	2.67 No	1	Element Fault
SLP071	42	'86427148_/86427106_1'	10	10	10	1.608	1.5	10	4 No	1.5	Element Fault
SLP071	43	'5989448_/5989472'	10	10	10	1.608	10	10	4 No	1.608	Thermal Discharging
SLP071	44	'5988021_/5988018_3'	10	10	10	1.608	1.5	10	4 No	1.5	Element Fault
SLP071	45	'5989491_/66789173_1'	10	10	10	1.608	10	10	4 No	1.608	Thermal Discharging
SLP071	46	'110290067_/5988100_2'	6.67	6.67	6.67	1.072	1	6.67	2.67 No	1	Element Fault
SLP071	47	'5989409_/5989407_1'	3.33	3.33	3.33	0.536	0.5	3.33	1.33 No	0.5	Element Fault
SLP071	48	'5988116_/5988100_3'	6.67	6.67	6.67	1.072	1	6.67	2.67 No	1	Element Fault
SLP071	49	'5989410_/5989407_2'	3.33	3.33	3.33	0.536	0.5	3.33	1.33 No	0.5	Element Fault
SLP071	50	'5988088_/5988805'	6.67	6.67	6.67	1.072	1	6.67	2.67 No	1	Element Fault
SLP071	51	'5987963_/5988770'	10	10	10	1.608	1.5	10	4 No	1.5	Element Fault
SLP071	52	'5989423_/5989407_3'	3.33	3.33	3.33	0.536	0.5	3.33	1.33 No	0.5	Element Fault
SLP071	53	'73424238_/66789173_2'	10	10	10	1.608	10	10	4 No	1.608	Thermal Discharging
SLP071	54	'7737501_/7737499_1'	10	10	10	1.608	0.9	10	4 No	0.9	Element Fault
SLP071	55	'5989025_/66789173_3'	10	10	10	1.608	10	10	4 No	1.608	Thermal Discharging
SLP071	56	'5989008_/5989022'	10	10	10	1.608	10	10	4 No	1.608	Thermal Discharging
SLP071	57	'43826557_/5990101'	10	10	10	1.608	10	10	4 No	1.608	Thermal Discharging
SLP071	58	'5988990_/5989005'	10	10	10	1.608	10	10	4 No	1.608	Thermal Discharging
SLP071	59	'5988974_/5988971_2'	10	10	10	1.608	10	10	4 No	1.608	Thermal Discharging
SLP071	60	'108206694_/65578047'	3.33	3.33	3.33	0.536	0.5	3.33	1.33 No	0.5	Element Fault
SLP071	61	'5988957_/5988971_1'	10	10	10	1.608	1.5	10	4 No	1.5	Element Fault
SLP071	62	'5990121_/43826559'	10	10	10	1.608	10	10	4 No	1.608	Thermal Discharging
SLP071	63	'5989076_/5989073'	10	10	10	1.608	10	10	4 No	1.608	Thermal Discharging
SLP071	64	'43823578_/5988954'	10	10	10	1.608	1.5	10	4 No	1.5	Element Fault
SLP071	65	'43826570_/5990135'	10	10	10	1.608	10	10	4 No	1.608	Thermal Discharging
SLP071	66	'7737502_/7737499_2'	10	10	10	1.608	0.9	10	4 No	0.9	Element Fault
SLP071	67	'5988923_/5988937'	10	10	10	1.608	1.5	10	4 No	1.5	Element Fault
SLP071	68	'43826097_/5989733'	10	10	10	1.608	1.5	10	4 No	1.5	Element Fault
SLP071	69	'43823602_/5989093'	10	10	10	1.608	10	10	4 No	1.608	Thermal Discharging
SLP071	70	'5989041_/5990152'	10	10	10	1.608	10	10	4 No	1.608	Thermal Discharging
SLP071	71	'65578230_/108206696'	3.33	3.33	3.33	0.536	0.5	3.33	1.33 No	0.5	Element Fault
SLP071	72	'43823565_/43823567'	10	10	10	1.608	1.5	10	4 No	1.5	Element Fault
SLP071	73	'5988210_/5989459'	3.33	3.33	3.33	0.536	0.5	3.33	1.33 No	0.5	Element Fault
SLP071	74	'5989042_/5989039'	10	10	10	1.608	10	10	4 No	1.608	Thermal Discharging
SLP071	75	'43823111_/43823113'	6.67	6.67	6.67	1.072	1	6.67	2.67 No	1	Element Fault
SLP071	76	'5990070_/5990084'	10	10	10	1.608	1.5	10	4 No	1.5	Element Fault
SLP071	77	'5990053_/5990067'	10	10	10	1.608	1.5	10	4 No	1.5	Element Fault
SLP071	78	'5989059_/5989056'	10	10	10	1.608	10	10	4 No	1.608	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SLP071	79	'5990036_/5990050'		10	10	10	1.608	1.5	10	4 No	1.5 Element Fault
SLP071	80	'43826583_/5990169'		10	10	10	1.608	10	10	4 No	1.608 Thermal Discharging
SLP071	81	'43823552_/5990033'		10	10	10	1.608	1.5	10	4 No	1.5 Element Fault
SLP071	82	'43823123_/5988126'		3.33	3.33	3.33	0.536	0.5	3.33	1.33 No	0.5 Element Fault
SLP071	83	'43823178_/5989433'		3.33	3.33	3.33	0.536	0.5	3.33	1.33 No	0.5 Element Fault
SLP071	84	'5990192_/5990189'		10	10	10	1.608	10	10	4 No	1.608 Thermal Discharging
SLP071	85	'43823504_/5990013'		10	10	10	1.608	1.5	10	4 No	1.5 Element Fault
SLP071	86	'65578295_/65578232'		3.33	3.33	3.33	0.536	0.5	3.33	1.33 No	0.5 Element Fault
SLP071	87	'5989129_/5990206'		10	10	10	1.608	10	10	4 No	1.608 Thermal Discharging
SLP071	88	'7104201_/7104199'		10	10	10	1.608	1.5	10	4 No	1.5 Element Fault
SLP071	89	'5988222_/5988220_1'		3.33	3.33	3.33	0.536	0.5	3.33	1.33 No	0.5 Element Fault
SLP071	90	'5989130_/5989127'		10	10	10	1.608	10	10	4 No	1.608 Thermal Discharging
SLP071	91	'370928457_/65578264_2'		3.33	3.33	3.33	0.536	0.5	3.33	1.33 No	0.5 Element Fault
SLP071	92	'43823074_/5987960'		6.67	6.67	6.67	1.072	1	6.67	2.67 No	1 Element Fault
SLP071	93	'5966951_/5989144'		10	10	10	1.608	10	10	4 No	1.608 Thermal Discharging
SLP071	94	'5989164_/5989161'		10	10	10	1.608	10	10	4 No	1.608 Thermal Discharging
SLP071	95	'5966952_/5966949'		10	10	10	1.608	10	10	4 No	1.608 Thermal Discharging
SLP071	96	'5989181_/5989178'		10	10	10	1.608	10	10	4 No	1.608 Thermal Discharging
SLP071	97	'5989283_/5989280'		10	10	10	1.608	10	10	4 No	1.608 Thermal Discharging
SLP071	98	'43826596_/5990223'		10	10	10	1.608	10	10	4 No	1.608 Thermal Discharging
SLP071	99	'5988058_/5988070'		6.67	6.67	6.67	1.072	1	6.67	2.67 No	1 Element Fault
SLP071	100	'5989197_/5990240'		10	10	10	1.608	10	10	4 No	1.608 Thermal Discharging
SLP071	101	'5988040_/5989750'		10	10	10	1.608	1.5	10	4 No	1.5 Element Fault
SLP071	102	'77429486_/86427106_2'		10	10	10	1.608	1.5	10	4 No	1.5 Element Fault
SLP071	103	'5989198_/5989195'		10	10	10	1.608	10	10	4 No	1.608 Thermal Discharging
SLP071	104	'65578102_/65578264_1'		3.33	3.33	3.33	0.536	0.3	3.33	1.33 No	0.3 Element Fault
SLP071	105	'43826609_/5990257'		10	10	10	1.608	10	10	4 No	1.608 Thermal Discharging
SLP071	106	'43823167_/5988207'		3.33	3.33	3.33	0.536	0.5	3.33	1.33 No	0.5 Element Fault
SLP071	107	'77429524_/77429577'		3.33	3.33	3.33	0.536	0.5	3.33	1.33 No	0.5 Element Fault
SLP071	108	'5989214_/5990274'		10	10	10	1.608	10	10	4 No	1.608 Thermal Discharging
SLP071	109	'5987933_/5987945'		6.67	6.67	6.67	1.072	1	6.67	2.67 No	1 Element Fault
SLP071	110	'5988142_/5988139'		3.33	3.33	3.33	0.536	0.5	3.33	1.33 No	0.5 Element Fault
SLP071	111	'5988223_/5988220_2'		3.33	3.33	3.33	0.536	0.5	3.33	1.33 No	0.5 Element Fault
SLP071	112	'5988314_/129197983'		3.33	3.33	3.33	0.536	0.3	3.33	1.33 No	0.3 Element Fault
SLP071	113	'5988057_/5988055'		6.67	6.67	6.67	1.072	1	6.67	2.67 No	1 Element Fault
SLP071	114	'5987918_/5987930'		6.67	6.67	6.67	1.072	1	6.67	2.67 No	1 Element Fault
SLP071	115	'5988041_/5988038'		10	10	10	1.608	1.5	10	4 No	1.5 Element Fault
SLP071	116	'5989215_/5989212'		10	10	10	1.608	10	10	4 No	1.608 Thermal Discharging
SLP071	117	'5988301_/5988311'		3.33	3.33	3.33	0.536	0.3	3.33	1.33 No	0.3 Element Fault
SLP071	118	'43826622_/5990291'		10	10	10	1.608	10	10	4 No	1.608 Thermal Discharging
SLP071	119	'5989958_/5989970'		6.67	6.67	6.67	1.072	1	6.67	2.67 No	1 Element Fault
SLP071	120	'76703292_/5988194'		3.33	3.33	3.33	0.536	0.5	3.33	1.33 No	0.5 Element Fault
SLP071	121	'5988158_/5988155'		3.33	3.33	3.33	0.536	0.5	3.33	1.33 No	0.5 Element Fault
SLP071	122	'5989231_/5990308'		10	10	10	1.608	10	10	4 No	1.608 Thermal Discharging
SLP071	123	'5989232_/5989229'		10	10	10	1.608	10	10	4 No	1.608 Thermal Discharging
SLP071	124	'5988236_/5988233'		3.33	3.33	3.33	0.536	0.5	3.33	1.33 No	0.5 Element Fault
SLP071	125	'5989249_/5989246'		10	10	10	1.608	10	10	4 No	1.608 Thermal Discharging
SLP071	126	'5989266_/5989263'		10	10	10	1.608	10	10	4 No	1.608 Thermal Discharging
SLP071	127	'43826906_/5992057'		10	10	10	1.608	10	10	4 No	1.608 Thermal Discharging
SLP071	128	'43823099_/5989955'		6.67	6.67	6.67	1.072	1	6.67	2.67 No	1 Element Fault
SLP071	129	'43823355_/43823357'		10	10	10	1.608	1.5	10	4 No	1.5 Element Fault
SLP071	130	'43823189_/5988298'		3.33	3.33	3.33	0.536	0.3	3.33	1.33 No	0.3 Element Fault
SLP071	131	'76703166_/43826908'		10	10	10	1.608	10	10	4 No	1.608 Thermal Discharging
SLP071	132	'9629454_/9629451_1'		10	10	10	1.608	10	10	4 No	1.608 Thermal Discharging
SLP071	133	'577081578_/9629451_2'		10	10	10	1.608	10	10	4 No	1.608 Thermal Discharging
SLP071	134	'43823062_/43823064'		6.67	6.67	6.67	1.072	1	6.67	2.67 No	1 Element Fault
SLP071	135	'5988452_/5988449'		3.33	3.33	3.33	0.536	0.5	3.33	1.33 No	0.5 Element Fault
SLP071	136	'43823086_/43823088'		6.67	6.67	6.67	1.072	1	6.67	2.67 No	1 Element Fault
SLP071	137	'114657542_/9629451_3'		10	10	10	1.608	10	10	4 No	1.608 Thermal Discharging
SLP071	138	'76703281_/5988181'		3.33	3.33	3.33	0.536	0.5	3.33	1.33 No	0.5 Element Fault
SLP071	139	'76703139_/9629451_4'		10	10	10	1.608	10	10	4 No	1.608 Thermal Discharging
SLP071	140	'5966752_/5966750'		10	10	10	1.608	10	10	4 No	1.608 Thermal Discharging
SLP071	141	'8062374_/9005129_1'		3.33	3.33	3.33	0.536	0.5	3.33	1.33 No	0.5 Element Fault
SLP071	142	'5991692_/5991749'		10	10	10	1.608	10	10	4 No	1.608 Thermal Discharging
SLP071	143	'5988249_/5988246'		3.33	3.33	3.33	0.536	0.5	3.33	1.33 No	0.5 Element Fault
SLP071	144	'5991693_/5991706_1'		3.33	3.33	3.33	0.536	0.5	3.33	1.33 No	0.5 Element Fault
SLP071	145	'43820416_/43820418'		10	10	10	1.608	10	10	4 No	1.608 Thermal Discharging
SLP071	146	'43823379_/5988465'		3.33	3.33	3.33	0.536	0.5	3.33	1.33 No	0.5 Element Fault
SLP071	147	'5989987_/5989985'		6.67	6.67	6.67	1.072	0.6	6.67	2.67 No	0.6 Element Fault
SLP071	148	'5986482_/5987881'		10	10	10	1.608	10	10	4 No	1.608 Thermal Discharging
SLP071	149	'5986483_/5986496_1'		3.33	3.33	3.33	0.536	0.5	3.33	1.33 No	0.5 Element Fault
SLP071	150	'5988171_/43823147'		3.33	3.33	3.33	0.536	0.5	3.33	1.33 No	0.5 Element Fault
SLP071	151	'5987866_/5987864'		10	10	10	1.608	10	10	4 No	1.608 Thermal Discharging
SLP071	152	'5988376_/5988373'		8.1	10	10	1.608	1.5	10	4 No	1.5 Element Fault
SLP071	153	'5990750_/5990849'		10	10	10	1.608	10	10	4 No	1.608 Thermal Discharging
SLP071	154	'5986443_/5991706_2'		3.33	3.33	3.33	0.536	0.5	3.33	1.33 No	0.5 Element Fault
SLP071	155	'5990733_/5990747'		10	10	10	1.608	10	10	4 No	1.608 Thermal Discharging
SLP071	156	'5986499_/5986496_2'		3.33	3.33	3.33	0.536	0.5	3.33	1.33 No	0.5 Element Fault
SLP071	157	'5990450_/5990730'		10	10	10	1.608	10	10	4 No	1.608 Thermal Discharging
SLP071	158	'5987917_/5987915'		5.27	6.67	6.67	1.072	1	6.67	2.67 No	1 Element Fault
SLP071	159	'635092397_/5990461_1'		3.33	3.33	3.33	0.536	0.5	3.33	1.33 No	0.5 Element Fault
SLP071	160	'5990002_/43823136'		3.33	3.33	3.33	0.536	0.5	3.33	1.33 No	0.5 Element Fault
SLP071	161	'43820403_/5990713'		10	10	10	1.608	10	10	4 No	1.608 Thermal Discharging
SLP071	162	'5990412_/5990798'		10	10	10	1.608	10	10	4 No	1.608 Thermal Discharging
SLP071	163	'5986512_/5986509'		3.33	3.33	3.33	0.536	0.5	3.33	1.33 No	0.5 Element Fault
SLP071	164	'9629400_/9629397'		6.67	6.67	6.67	1.072	0.6	6.67	2.67 No	0.6 Element Fault
SLP071	165	'5986444_/5986441'		3.33	3.33	3.33	0.536	0.5	3.33	1.33 No	0.5 Element Fault
SLP071	166	'5990397_/5990394_2'		6.67	6.67	6.67	1.072	3.1	6.67	2.67 No	1.072 Thermal Discharging
SLP071	167	'5988468_/43823381'		3.13	3.33	3.33	0.536	0.5	3.33	1.33 No	0.5 Element Fault
SLP071	168	'5988393_/5988390'		6.3	10	10	1.608	1.5	10	4 No	1.5 Element Fault
SLP071	169	'43823390_/5988478'		3.03	3.33	3.33	0.536	0.5	3.33	1.33 No	0.5 Element Fault
SLP071	170	'43820390_/5990696'		10	10	10	1.608	10	10	4 No	1.608 Thermal Discharging
SLP071	171	'5986537_/5990461_2'		3.33	3.33	3.33	0.536	0.5	3.33	1.33 No	0.5 Element Fault
SLP071	172	'5990665_/5990679'		10	10	10	1.608	10	10	4 No	1.608 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SLP071	173	'5990382_/_5990394_1'	6.67	6.67	6.67	1.072	1.6	6.67	2.67 No	1.072	Thermal Discharging
SLP071	174	'5990664_/_5990662'	10	10	10	1.608	10	10	4 No	1.608	Thermal Discharging
SLP071	175	'43820517_/_5990886'	10	10	10	1.608	10	10	4 No	1.608	Thermal Discharging
SLP071	176	'5986525_/_5986522'	3.33	3.33	3.33	0.536	0.5	3.33	1.33 No	0.5	Element Fault
SLP071	177	'5988410_/_5988407'	2.13	3.33	3.33	0.536	0.5	3.33	1.33 No	0.5	Element Fault
SLP071	178	'5990492_/_43820519'	10	10	10	1.608	10	10	4 No	1.608	Thermal Discharging
SLP071	179	'43820429_/_5986454'	3.33	3.33	3.33	0.536	0.5	3.33	1.33 No	0.5	Element Fault
SLP071	180	'5991341_/_5991351'	3.33	3.33	3.33	0.536	1.1	3.33	1.33 No	0.536	Thermal Discharging
SLP071	181	'5990531_/_5990923'	10	10	10	1.608	10	10	4 No	1.608	Thermal Discharging
SLP071	182	'5990493_/_5990503_1'	3.33	3.33	3.33	0.536	0.5	3.33	1.33 No	0.5	Element Fault
SLP071	183	'5988494_/_5988491'	2.27	3.33	3.33	0.536	0.5	3.33	1.33 No	0.5	Element Fault
SLP071	184	'5990532_/_5990542_1'	3.33	3.33	3.33	0.536	0.5	3.33	1.33 No	0.5	Element Fault
SLP071	185	'5990943_/_5990940'	10	10	10	1.608	10	10	4 No	1.608	Thermal Discharging
SLP071	186	'5994378_/_5994375'	3.33	3.33	3.33	0.536	0.5	3.33	1.33 No	0.5	Element Fault
SLP071	187	'5990560_/_5990957'	10	10	10	1.608	10	10	4 No	1.608	Thermal Discharging
SLP071	188	'9005132_/_9005129_2'	3.33	3.33	3.33	0.536	0.5	3.33	1.33 No	0.5	Element Fault
SLP071	189	'5991340_/_5991338'	3.33	3.33	3.33	0.536	1.1	3.33	1.33 No	0.536	Thermal Discharging
SLP071	190	'5986538_/_5986535'	3.33	3.33	3.33	0.536	0.5	3.33	1.33 No	0.5	Element Fault
SLP071	191	'5990561_/_5990571_1'	3.33	3.33	3.33	0.536	0.5	3.33	1.33 No	0.5	Element Fault
SLP071	192	'5990977_/_5990974'	10	10	10	1.608	10	10	4 No	1.608	Thermal Discharging
SLP071	193	'43820378_/_43820380'	6.67	6.67	6.67	1.072	1.6	6.67	2.67 No	1.072	Thermal Discharging
SLP071	194	'5988423_/_5988420'	2.13	3.33	3.33	0.536	0.5	3.33	1.33 No	0.5	Element Fault
SLP071	195	'545099214_/_5990991'	10	10	10	1.608	10	10	4 No	1.608	Thermal Discharging
SLP071	196	'5990519_/_545099218'	10	10	10	1.608	10	10	4 No	1.608	Thermal Discharging
SLP071	197	'545099305_/_545099264_1'	10	10	10	1.608	1.5	10	4 No	1.5	Element Fault
SLP071	198	'5986470_/_43820431'	3.33	3.33	3.33	0.536	0.5	3.33	1.33 No	0.5	Element Fault
SLP071	199	'74604082_/_74603980_1'	3.33	3.33	3.33	0.536	0.5	3.33	1.33 No	0.5	Element Fault
SLP071	200	'5991062_/_5991076'	10	10	10	1.608	10	10	4 No	1.608	Thermal Discharging
SLP071	201	'5988510_/_5988507'	2	3.33	3.33	0.536	0.5	3.33	1.33 No	0.5	Element Fault
SLP071	202	'43820684_/_5991093'	10	10	10	1.608	10	10	4 No	1.608	Thermal Discharging
SLP071	203	'76703024_/_43820686'	10	10	10	1.608	10	10	4 No	1.608	Thermal Discharging
SLP071	204	'5991116_/_9629415_1'	10	10	10	1.608	10	10	4 No	1.608	Thermal Discharging
SLP071	205	'5987033_/_5990571_2'	3.33	3.33	3.33	0.536	0.5	3.33	1.33 No	0.5	Element Fault
SLP071	206	'5990545_/_5990542_2'	3.33	3.33	3.33	0.536	0.5	3.33	1.33 No	0.5	Element Fault
SLP071	207	'5986845_/_5990503_2'	3.33	3.33	3.33	0.536	0.5	3.33	1.33 No	0.5	Element Fault
SLP071	208	'43823368_/_5988433'	1.9	3.33	3.33	0.536	0.5	3.33	1.33 No	0.5	Element Fault
SLP071	209	'5990367_/_5990379_2'	6.67	6.67	6.67	1.072	1.6	6.67	2.67 No	1.072	Thermal Discharging
SLP071	210	'5986551_/_5986548'	3.33	3.33	3.33	0.536	0.5	3.33	1.33 No	0.5	Element Fault
SLP071	211	'43820355_/_5990379_1'	6.67	6.67	6.67	1.072	1.6	6.67	2.67 No	1.072	Thermal Discharging
SLP071	212	'5991367_/_5991377_2'	3.33	3.33	3.33	0.536	1.1	3.33	1.33 No	0.536	Thermal Discharging
SLP071	213	'76703005_/_9629415_2'	10	10	10	1.608	10	10	4 No	1.608	Thermal Discharging
SLP071	214	'545099244_/_545099264_2'	10	10	10	1.608	1.5	10	4 No	1.5	Element Fault
SLP071	215	'5987034_/_5987031'	3.33	3.33	3.33	0.536	0.5	3.33	1.33 No	0.5	Element Fault
SLP071	216	'5990480_/_5991377_1'	3.33	3.33	3.33	0.536	1.1	3.33	1.33 No	0.536	Thermal Discharging
SLP071	217	'5988575_/_5988572'	1.7	3.33	3.33	0.536	0.5	3.33	1.33 No	0.5	Element Fault
SLP071	218	'570358342_/_570358349'	3.33	3.33	3.33	0.536	0.5	3.33	1.33 No	0.5	Element Fault
SLP071	219	'74603973_/_74603980_2'	3.33	3.33	3.33	0.536	0.5	3.33	1.33 No	0.5	Element Fault
SLP071	220	'5987301_/_5987298'	3.33	3.33	3.33	0.536	0.5	3.33	1.33 No	0.5	Element Fault
SLP071	221	'5986858_/_5986843'	3.33	3.33	3.33	0.536	0.5	3.33	1.33 No	0.5	Element Fault
SLP071	222	'5986390_/_5990364'	6.67	6.67	6.67	1.072	1.6	6.67	2.67 No	1.072	Thermal Discharging
SLP071	223	'5986564_/_5986561'	3.33	3.33	3.33	0.536	0.5	3.33	1.33 No	0.5	Element Fault
SLP071	224	'5991581_/_5991578'	3.33	3.33	3.33	0.536	0.5	3.33	1.33 No	0.5	Element Fault
SLP071	225	'5986914_/_5986911'	3.33	3.33	3.33	0.536	0.5	3.33	1.33 No	0.5	Element Fault
SLP071	226	'579562021_/_508914339'	3.33	3.33	3.33	0.536	0.5	3.33	1.33 No	0.5	Element Fault
SLP071	227	'37944322_/_8062185'	10	10	10	1.608	10	10	4 No	1.608	Thermal Discharging
SLP071	228	'404726524_/_37944319'	10	10	10	1.608	10	10	4 No	1.608	Thermal Discharging
SLP071	229	'37944273_/_37944277'	10	10	10	1.608	10	10	4 No	1.608	Thermal Discharging
SLP071	230	'37944308_/_37944312'	10	10	10	1.608	10	10	4 No	1.608	Thermal Discharging
SLP071	231	'37944287_/_37944284'	10	10	10	1.608	5	10	4 No	1.608	Thermal Discharging
SLP071	232	'5987373_/_5987370'	3.33	3.33	3.33	0.536	0.5	3.33	1.33 No	0.5	Element Fault
SLP071	233	'5988591_/_5988588'	1.53	3.33	3.33	0.536	0.5	3.33	1.33 No	0.5	Element Fault
SLP071	234	'579561946_/_579562018'	3.33	3.33	3.33	0.536	0.5	3.33	1.33 No	0.5	Element Fault
SLP071	235	'5988617_/_5988627_1'	1.53	3.33	3.33	0.536	0.3	3.33	1.33 No	0.3	Element Fault
SLP071	236	'5986690_/_5990477'	3.33	3.33	3.33	0.536	1.1	3.33	1.33 No	0.536	Thermal Discharging
SLP071	237	'37944399_/_8686694'	10	10	10	1.608	10	10	4 No	1.608	Thermal Discharging
SLP071	238	'404726618_/_37944396'	10	10	10	1.608	10	10	4 No	1.608	Thermal Discharging
SLP071	239	'37944413_/_37944410'	10	10	10	1.608	4.8	10	4 No	1.608	Thermal Discharging
SLP071	240	'37944378_/_37944382'	10	10	10	1.608	10	10	4 No	1.608	Thermal Discharging
SLP071	241	'37944427_/_37944424'	10	10	10	1.608	4.7	10	4 No	1.608	Thermal Discharging
SLP071	242	'8062208_/_8062205'	10	10	10	1.608	10	10	4 No	1.608	Thermal Discharging
SLP071	243	'5986251_/_5986249'	6.67	6.67	6.67	1.072	1.6	6.67	2.67 No	1.072	Thermal Discharging
SLP071	244	'579561964_/_579561994'	3.33	3.33	3.33	0.536	0.5	3.33	1.33 No	0.5	Element Fault
SLP071	245	'5986576_/_5986924'	3.33	3.33	3.33	0.536	0.5	3.33	1.33 No	0.5	Element Fault
SLP071	246	'5986859_/_5986856'	3.33	3.33	3.33	0.536	0.5	3.33	1.33 No	0.5	Element Fault
SLP071	247	'509747314_/_509747362'	10	10	10	1.608	10	10	4 No	1.608	Thermal Discharging
SLP071	248	'5991879_/_5991876'	3.33	3.33	3.33	0.536	0.8	3.33	1.33 No	0.536	Thermal Discharging
SLP071	249	'5988562_/_5988601'	1.43	3.33	3.33	0.536	0.5	3.33	1.33 No	0.5	Element Fault
SLP071	250	'9004937_/_9629337'	10	10	10	1.608	10	10	4 No	1.608	Thermal Discharging
SLP071	251	'7490306_/_9095951'	10	10	10	1.608	10	10	4 No	1.608	Thermal Discharging
SLP071	252	'5988630_/_5988627_2'	1.4	3.33	3.33	0.536	0.3	3.33	1.33 No	0.3	Element Fault
SLP071	253	'5989596_/_5989608'	6.67	6.67	6.67	1.072	1.6	6.67	2.67 No	1.072	Thermal Discharging
SLP071	254	'8062109_/_8062107'	10	10	10	1.608	4.8	10	4 No	1.608	Thermal Discharging
SLP071	255	'5986939_/_5989793'	3.33	3.33	3.33	0.536	1	3.33	1.33 No	0.536	Thermal Discharging
SLP071	256	'7490307_/_7490304'	10	10	10	1.608	10	10	4 No	1.608	Thermal Discharging
SLP071	257	'5988549_/_5988559'	1.33	3.33	3.33	0.536	0.5	3.33	1.33 No	0.5	Element Fault
SLP071	258	'272314039_/_272314086'	10	10	10	1.608	4.7	10	4 No	1.608	Thermal Discharging
SLP071	259	'8371288_/_9004935'	10	10	10	1.608	10	10	4 No	1.608	Thermal Discharging
SLP071	260	'43820473_/_43820475'	3.33	3.33	3.33	0.536	1	3.33	1.33 No	0.536	Thermal Discharging
SLP071	261	'329141066_/_329141070'	10	10	10	1.608	4.7	10	4 No	1.608	Thermal Discharging
SLP071	262	'5986577_/_5986574'	3.33	3.33	3.33	0.536	0.5	3.33	1.33 No	0.5	Element Fault
SLP071	263	'8371289_/_8371286'	10	10	10	1.608	10	10	4 No	1.608	Thermal Discharging
SLP071	264	'5986832_/_5986830'	3.33	3.33	3.33	0.536	1.1	3.33	1.33 No	0.536	Thermal Discharging
SLP071	265	'329141009_/_329141013'	6.67	6.67	6.67	1.072	3.13	6.67	2.67 No	1.072	Thermal Discharging
SLP071	266	'37944259_/_9319176'	10	10	10	1.608	5	10	4 No	1.608	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SLP071	267	'37944224_/37944256'		10	10	1.608	5	10	4 No	1.608	Thermal Discharging
SLP071	268	'37944217_/37944221'		10	10	1.608	5	10	4 No	1.608	Thermal Discharging
SLP071	269	'37944231_/37944228'		10	10	1.608	5	10	4 No	1.608	Thermal Discharging
SLP071	270	'37944245_/37944249'		10	10	1.608	5	10	4 No	1.608	Thermal Discharging
SLP071	271	'67959521_/67959721'		10	10	1.608	10	10	4 No	1.608	Thermal Discharging
SLP071	272	'359326660_/5986587_1'	3.33	3.33	3.33	0.536	0.2	3.33	1.33 No	0.2	Element Fault
SLP071	273	'5988643_/5988640_1'	1.3	3.33	3.33	0.536	0.3	3.33	1.33 No	0.3	Element Fault
SLP071	274	'67959055_/67959568'		10	10	1.608	10	10	4 No	1.608	Thermal Discharging
SLP071	275	'403754336_/67959052'		10	10	1.608	10	10	4 No	1.608	Thermal Discharging
SLP071	276	'67959041_/67959045'		10	10	1.608	1.1	10	4 No	1.1	Element Fault
SLP071	277	'67959069_/67959073'		10	10	1.608	10	10	4 No	1.608	Thermal Discharging
SLP071	278	'5986884_/5986869'	3.33	3.33	3.33	0.536	0.5	3.33	1.33 No	0.5	Element Fault
SLP071	279	'43823412_/5988640_2'	1.3	3.33	3.33	0.536	0.3	3.33	1.33 No	0.3	Element Fault
SLP071	280	'359094141_/7427002_2'		10	10	1.608	5	10	4 No	1.608	Thermal Discharging
SLP071	281	'9319139_/9319156'		10	10	1.608	4.5	10	4 No	1.608	Thermal Discharging
SLP071	282	'5986404_/5991889'	3.33	3.33	3.33	0.536	0.8	3.33	1.33 No	0.536	Thermal Discharging
SLP071	283	'5989581_/5989593'	4.67	6.67	6.67	1.072	1.6	6.67	2.67 No	1.072	Thermal Discharging
SLP071	284	'5986940_/5986937'	3.33	3.33	3.33	0.536	1	3.33	1.33 No	0.536	Thermal Discharging
SLP071	285	'272314161_/272314185'		10	10	1.608	4.7	10	4 No	1.608	Thermal Discharging
SLP071	286	'43820817_/7427002_1'		10	10	1.608	1.5	10	4 No	1.5	Element Fault
SLP071	287	'43823401_/5988546'	1.23	3.33	3.33	0.536	0.5	3.33	1.33 No	0.5	Element Fault
SLP071	288	'44885022_/5986674'	3.33	3.33	3.33	0.536	1	3.33	1.33 No	0.536	Thermal Discharging
SLP071	289	'374622331_/374622335'		10	10	1.608	5	10	4 No	1.608	Thermal Discharging
SLP071	290	'5986953_/5986950'	3.07	3.33	3.33	0.536	0.5	3.33	1.33 No	0.5	Element Fault
SLP071	291	'8686637_/8686634'		10	10	1.608	4.3	10	4 No	1.608	Thermal Discharging
SLP071	292	'9004859_/9004857'		10	10	1.608	4.3	10	4 No	1.608	Thermal Discharging
SLP071	293	'374622420_/374622439'		10	10	1.608	5	10	4 No	1.608	Thermal Discharging
SLP071	294	'5986590_/5986587_2'	2.7	3.33	3.33	0.536	0.2	3.33	1.33 No	0.2	Element Fault
SLP071	295	'6022134_/8432886_2'		10	10	1.608	10	10	4 No	1.608	Thermal Discharging
SLP071	296	'76702992_/8432886_1'		10	10	1.608	10	10	4 No	1.608	Thermal Discharging
SLP071	297	'374622376_/374622465'		10	10	1.608	5	10	4 No	1.608	Thermal Discharging
SLP071	298	'6022135_/43829193'		10	10	1.608	10	10	4 No	1.608	Thermal Discharging
SLP071	299	'8376750_/272314140'		10	10	1.608	4.7	10	4 No	1.608	Thermal Discharging
SLP071	300	'7478504_/7478502_1'		10	10	1.608	3.7	10	4 No	1.608	Thermal Discharging
SLP071	301	'5986405_/5986402'	3.33	3.33	3.33	0.536	0.8	3.33	1.33 No	0.536	Thermal Discharging
SLP071	302	'5989566_/5989578'	3.93	6.67	6.67	1.072	1.6	6.67	2.67 No	1.072	Thermal Discharging
SLP071	303	'6022194_/6022191'		10	10	1.608	10	10	4 No	1.608	Thermal Discharging
SLP071	304	'7426945_/9004877'	8.2	10	10	1.608	5	10	4 No	1.608	Thermal Discharging
SLP071	305	'7427044_/534700059'		10	10	1.608	1.1	10	4 No	1.1	Element Fault
SLP071	306	'5988656_/43823414'	1.17	3.33	3.33	0.536	0.3	3.33	1.33 No	0.3	Element Fault
SLP071	307	'6022181_/6022149'	3.33	3.33	3.33	0.536	3.33	3.33	1.33 No	0.536	Thermal Discharging
SLP071	308	'5986820_/5991719'	3.33	3.33	3.33	0.536	1.1	3.33	1.33 No	0.536	Thermal Discharging
SLP071	309	'6021775_/6022208'		10	10	1.608	10	10	4 No	1.608	Thermal Discharging
SLP071	310	'282922175_/7428044_1'	3.33	3.33	3.33	0.536	0.5	3.33	1.33 No	0.5	Element Fault
SLP071	311	'43820804_/5987262'	7.5	10	10	1.608	1.5	10	4 No	1.5	Element Fault
SLP071	312	'5986979_/5986976'	2.33	3.33	3.33	0.536	0.5	3.33	1.33 No	0.5	Element Fault
SLP071	313	'5986417_/5989688'	2.43	3.33	3.33	0.536	0.8	3.33	1.33 No	0.536	Thermal Discharging
SLP071	314	'5988523_/5988533'	1.13	3.33	3.33	0.536	0.5	3.33	1.33 No	0.5	Element Fault
SLP071	315	'43820530_/5986882'	2.3	3.33	3.33	0.536	0.5	3.33	1.33 No	0.5	Element Fault
SLP071	316	'6021284_/6021773'		10	10	1.608	10	10	4 No	1.608	Thermal Discharging
SLP071	317	'5986885_/9004721_1'	2.23	3.33	3.33	0.536	0.3	3.33	1.33 No	0.3	Element Fault
SLP071	318	'6017589_/6021790'		10	10	1.608	10	10	4 No	1.608	Thermal Discharging
SLP071	319	'5986603_/5986600'	2.23	3.33	3.33	0.536	0.2	3.33	1.33 No	0.2	Element Fault
SLP071	320	'462498826_/462498828'		10	10	1.608	10	10	4 No	1.608	Thermal Discharging
SLP071	321	'6021876_/6022054'		10	10	1.608	10	10	4 No	1.608	Thermal Discharging
SLP071	322	'9004724_/9004721_2'	2.13	3.33	3.33	0.536	0.3	3.33	1.33 No	0.3	Element Fault
SLP071	323	'462498919_/460277807_1'		10	10	1.608	3.3	10	4 No	1.608	Thermal Discharging
SLP071	324	'8376641_/9319136'	6.8	10	10	1.608	4.5	10	4 No	1.608	Thermal Discharging
SLP071	325	'6021725_/6022024'		10	10	1.608	10	10	4 No	1.608	Thermal Discharging
SLP071	326	'6021875_/6021886_1'	3.33	3.33	3.33	0.536	0.5	3.33	1.33 No	0.5	Element Fault
SLP071	327	'6021708_/6021722'		10	10	1.608	10	10	4 No	1.608	Thermal Discharging
SLP071	328	'5986807_/5986817'	2.9	3.33	3.33	0.536	1.1	3.33	1.33 No	0.536	Thermal Discharging
SLP071	329	'5988669_/5988666'	1.07	3.33	3.33	0.536	0.3	3.33	1.33 No	0.3	Element Fault
SLP071	330	'43828542_/6021705'		10	10	1.608	10	10	4 No	1.608	Thermal Discharging
SLP071	331	'5986418_/5986415'	2.53	3.33	3.33	0.536	0.8	3.33	1.33 No	0.536	Thermal Discharging
SLP071	332	'582227582_/9004897'	6.3	10	10	1.608	4.7	10	4 No	1.608	Thermal Discharging
SLP071	333	'5989551_/5989563'	3.4	6.67	6.67	1.072	1.6	6.67	2.67 No	1.072	Thermal Discharging
SLP071	334	'6021674_/6021688'		10	10	1.608	10	10	4 No	1.608	Thermal Discharging
SLP071	335	'6017539_/6021671'		10	10	1.608	10	10	4 No	1.608	Thermal Discharging
SLP071	336	'69992500_/69992522'	1.03	3.33	3.33	0.536	0.5	3.33	1.33 No	0.5	Element Fault
SLP071	337	'7427122_/7427120_1'	1.7	3.33	3.33	0.536	0.3	3.33	1.33 No	0.3	Element Fault
SLP071	338	'6017303_/6021654'		10	10	1.608	10	10	4 No	1.608	Thermal Discharging
SLP071	339	'465664920_/460277807_2'	7.9	10	10	1.608	3.3	10	4 No	1.608	Thermal Discharging
SLP071	340	'465664895_/465664917'	7.9	10	10	1.608	3.3	10	4 No	1.608	Thermal Discharging
SLP071	341	'590941349_/43828531_2'		10	10	1.608	3.7	10	4 No	1.608	Thermal Discharging
SLP071	342	'465664912_/465664909'	7.9	10	10	1.608	3.3	10	4 No	1.608	Thermal Discharging
SLP071	343	'465664904_/465664901'	7.9	10	10	1.608	3.3	10	4 No	1.608	Thermal Discharging
SLP071	344	'465664896_/465664893'	7.9	10	10	1.608	3.3	10	4 No	1.608	Thermal Discharging
SLP071	345	'43820830_/43820832'	5.8	10	10	1.608	1.5	10	4 No	1.5	Element Fault
SLP071	346	'582227616_/582227632'	5.9	10	10	1.608	4.7	10	4 No	1.608	Thermal Discharging
SLP071	347	'6021623_/6021637'		10	10	1.608	10	10	4 No	1.608	Thermal Discharging
SLP071	348	'6017302_/6017316_1'	3.33	3.33	3.33	0.536	0.5	3.33	1.33 No	0.5	Element Fault
SLP071	349	'5986992_/5986989'	1.9	3.33	3.33	0.536	0.5	3.33	1.33 No	0.5	Element Fault
SLP071	350	'6017425_/6021620'		10	10	1.608	10	10	4 No	1.608	Thermal Discharging
SLP071	351	'43820451_/5987285'	1.87	3.33	3.33	0.536	0.2	3.33	1.33 No	0.2	Element Fault
SLP071	352	'5986431_/5986428'	2.37	3.33	3.33	0.536	0.8	3.33	1.33 No	0.536	Thermal Discharging
SLP071	353	'6021915_/6021912'	6.67	6.67	6.67	1.072	3.1	6.67	2.67 No	1.072	Thermal Discharging
SLP071	354	'43828529_/43828531_1'		10	10	1.608	1.7	10	4 No	1.608	Thermal Discharging
SLP071	355	'6017247_/6021603'		10	10	1.608	10	10	4 No	1.608	Thermal Discharging
SLP071	356	'43820506_/5986804'	2.37	3.33	3.33	0.536	1.1	3.33	1.33 No	0.536	Thermal Discharging
SLP071	357	'5989723_/5989720'	1.83	3.33	3.33	0.536	0.2	3.33	1.33 No	0.2	Element Fault
SLP071	358	'6017426_/6017439_1'	3.33	3.33	3.33	0.536	0.5	3.33	1.33 No	0.5	Element Fault
SLP071	359	'133986376_/7428044_2'	3.33	3.33	3.33	0.536	0.5	3.33	1.33 No	0.5	Element Fault
SLP071	360	'43823423_/5988679'	1	3.33	3.33	0.536	0.3	3.33	1.33 No	0.3	Element Fault

Feeder Name	Feeder ID	Node	Primary Over- Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SLP071	361	'6021889_/_6021886_2'	3.33		3.33	3.33	0.536	0.5	3.33	1.33 No	0.5 Element Fault
SLP071	362	'282922206_/_133986407_1'	3.33		3.33	3.33	0.536	0.3	3.33	1.33 No	0.3 Element Fault
SLP071	363	'6017248_/_6017261_1'	3.33		3.33	3.33	0.536	0.5	3.33	1.33 No	0.5 Element Fault
SLP071	364	'5986363_/_5989649'	1.73		3.33	3.33	0.536	0.8	3.33	1.33 No	0.536 Thermal Discharging
SLP071	365	'43828481_/_43828483'	10		10	10	1.608	10	10	4 No	1.608 Thermal Discharging
SLP071	366	'7478505_/_7478502_2'	5.8		10	10	1.608	3.7	10	4 No	1.608 Thermal Discharging
SLP071	367	'133986355_/_133986407_2'	3.33		3.33	3.33	0.536	0.3	3.33	1.33 No	0.3 Element Fault
SLP071	368	'5998456_/_6017316_2'	3.33		3.33	3.33	0.536	0.5	3.33	1.33 No	0.5 Element Fault
SLP071	369	'6021589_/_6021756_2'	10		10	10	1.608	10	10	4 No	1.608 Thermal Discharging
SLP071	370	'43828494_/_6021756_1'	10		10	10	1.608	10	10	4 No	1.608 Thermal Discharging
SLP071	371	'37944364_/_582227648'	5.4		10	10	1.608	4.7	10	4 No	1.608 Thermal Discharging
SLP071	372	'37944336_/_37944340'	5.3		10	10	1.608	4.7	10	4 No	1.608 Thermal Discharging
SLP071	373	'37944350_/_37944347'	5.3		10	10	1.608	4.7	10	4 No	1.608 Thermal Discharging
SLP071	374	'460277434_/_460277414_1'	3.33		3.33	3.33	0.536	0.3	3.33	1.33 No	0.3 Element Fault
SLP071	375	'509747486_/_509747490'	3.4		6.67	6.67	1.072	3.13	6.67	2.67 No	1.072 Thermal Discharging
SLP071	376	'37944343_/_37944368'	5.3		10	10	1.608	4.7	10	4 No	1.608 Thermal Discharging
SLP071	377	'5987823_/_5989548'	3.07		6.67	6.67	1.072	1.6	6.67	2.67 No	1.072 Thermal Discharging
SLP071	378	'509747469_/_509747473'	5.2		10	10	1.608	4.7	10	4 No	1.608 Thermal Discharging
SLP071	379	'133986439_/_133986436'	2.53		3.33	3.33	0.536	0.3	3.33	1.33 No	0.3 Element Fault
SLP071	380	'6021933_/_6021930'	6.67		6.67	6.67	1.072	3.1	6.67	2.67 No	1.072 Thermal Discharging
SLP071	381	'8376640_/_8376638'	5.1		10	10	1.608	4.5	10	4 No	1.608 Thermal Discharging
SLP071	382	'5989351_/_5989348'	1.7		3.33	3.33	0.536	0.5	3.33	1.33 No	0.5 Element Fault
SLP071	383	'6017264_/_6017261_2'	2.47		3.33	3.33	0.536	0.5	3.33	1.33 No	0.5 Element Fault
SLP071	384	'5986364_/_5986361'	1.73		3.33	3.33	0.536	0.8	3.33	1.33 No	0.536 Thermal Discharging
SLP071	385	'5987227_/_5987225'	4.9		10	10	1.608	1.5	10	4 No	1.5 Element Fault
SLP071	386	'8378186_/_8419632'	5.2		10	10	1.608	3.7	10	4 No	1.608 Thermal Discharging
SLP071	387	'5986781_/_5986791'	2.07		3.33	3.33	0.536	1	3.33	1.33 No	0.536 Thermal Discharging
SLP071	388	'43828518_/_5998454'	2.83		3.33	3.33	0.536	0.5	3.33	1.33 No	0.5 Element Fault
SLP071	389	'43828580_/_43828582'	6.1		10	10	1.608	1.7	10	4 No	1.608 Thermal Discharging
SLP071	390	'465664817_/_465665146'	5.6		10	10	1.608	3.3	10	4 No	1.608 Thermal Discharging
SLP071	391	'465664790_/_465664814'	5.6		10	10	1.608	3.3	10	4 No	1.608 Thermal Discharging
SLP071	392	'465664791_/_465664788'	5.6		10	10	1.608	3.3	10	4 No	1.608 Thermal Discharging
SLP071	393	'465664809_/_465664806'	5.6		10	10	1.608	3.3	10	4 No	1.608 Thermal Discharging
SLP071	394	'465664799_/_465664796'	5.6		10	10	1.608	3.3	10	4 No	1.608 Thermal Discharging
SLP071	395	'6021963_/_6021945'	6.67		6.67	6.67	1.072	3.1	6.67	2.67 No	1.072 Thermal Discharging
SLP071	396	'5988695_/_5988692'	0.93		3.33	3.33	0.536	0.3	3.33	1.33 No	0.3 Element Fault
SLP071	397	'5987808_/_5987820'	2.8		6.67	6.67	1.072	1.6	6.67	2.67 No	1.072 Thermal Discharging
SLP071	398	'6017442_/_6017439_2'	2.07		3.33	3.33	0.536	0.5	3.33	1.33 No	0.5 Element Fault
SLP071	399	'7427123_/_7427120_2'	1.73		3.33	3.33	0.536	0.3	3.33	1.33 No	0.3 Element Fault
SLP071	400	'43826018_/_5989662'	1.77		3.33	3.33	0.536	0.8	3.33	1.33 No	0.536 Thermal Discharging
SLP071	401	'6021902_/_6021899'	2.23		3.33	3.33	0.536	0.5	3.33	1.33 No	0.5 Element Fault
SLP071	402	'5989364_/_5989361'	1.53		3.33	3.33	0.536	0.5	3.33	1.33 No	0.5 Element Fault
SLP071	403	'509747389_/_509747432'	4.6		10	10	1.608	4.7	10	4 No	1.608 Thermal Discharging
SLP071	404	'5986616_/_43820453'	1.53		3.33	3.33	0.536	0.2	3.33	1.33 No	0.2 Element Fault
SLP071	405	'43823456_/_5988744'	0.9		3.33	3.33	0.536	0.3	3.33	1.33 No	0.3 Element Fault
SLP071	406	'6021978_/_6021975'	6.67		6.67	6.67	1.072	3.1	6.67	2.67 No	1.072 Thermal Discharging
SLP071	407	'9004978_/_9004975'	1.77		3.33	3.33	0.536	0.3	3.33	1.33 No	0.3 Element Fault
SLP071	408	'5988760_/_5988757'	0.9		3.33	3.33	0.536	0.3	3.33	1.33 No	0.3 Element Fault
SLP071	409	'6017117_/_6017114'	2		3.33	3.33	0.536	0.3	3.33	1.33 No	0.3 Element Fault
SLP071	410	'560986554_/_560986570'	4.5		10	10	1.608	4.7	10	4 No	1.608 Thermal Discharging
SLP071	411	'5986768_/_5986778'	1.83		3.33	3.33	0.536	1	3.33	1.33 No	0.536 Thermal Discharging
SLP071	412	'560986587_/_560986615'	4.4		10	10	1.608	4.7	10	4 No	1.608 Thermal Discharging
SLP071	413	'6022119_/_6022116'	1.97		3.33	3.33	0.536	0.5	3.33	1.33 No	0.5 Element Fault
SLP071	414	'43828507_/_6017452'	1.8		3.33	3.33	0.536	0.5	3.33	1.33 No	0.5 Element Fault
SLP071	415	'43820333_/_5987835'	1.43		3.33	3.33	0.536	0.8	3.33	1.33 No	0.536 Thermal Discharging
SLP071	416	'462499137_/_465665043_2'	4.8		10	10	1.608	3.3	10	4 No	1.608 Thermal Discharging
SLP071	417	'5986376_/_43826020'	1.77		3.33	3.33	0.536	0.8	3.33	1.33 No	0.536 Thermal Discharging
SLP071	418	'6021993_/_6021990'	6.67		6.67	6.67	1.072	3.1	6.67	2.67 No	1.072 Thermal Discharging
SLP071	419	'5988721_/_5988731'	0.87		3.33	3.33	0.536	0.3	3.33	1.33 No	0.3 Element Fault
SLP071	420	'5998430_/_6017274'	1.8		3.33	3.33	0.536	0.5	3.33	1.33 No	0.5 Element Fault
SLP071	421	'5986237_/_5987805'	2.53		6.67	6.67	1.072	1.6	6.67	2.67 No	1.072 Thermal Discharging
SLP071	422	'43820462_/_5986629'	1.43		3.33	3.33	0.536	0.2	3.33	1.33 No	0.2 Element Fault
SLP071	423	'462498988_/_465665043_1'	4.8		10	10	1.608	1.5	10	4 No	1.5 Element Fault
SLP071	424	'6017485_/_6017499'	5		10	10	1.608	1.7	10	4 No	1.608 Thermal Discharging
SLP071	425	'43821533_/_43821535'	3.2		6.67	6.67	1.072	1	6.67	2.67 No	1 Element Fault
SLP071	426	'8686560_/_9004737'	4.2		10	10	1.608	4.5	10	4 No	1.608 Thermal Discharging
SLP071	427	'8376699_/_560986592'	4.2		10	10	1.608	4.7	10	4 No	1.608 Thermal Discharging
SLP071	428	'5987627_/_462499027'	3.2		6.67	6.67	1.072	1	6.67	2.67 No	1 Element Fault
SLP071	429	'7428026_/_8378184'	4.3		10	10	1.608	3.7	10	4 No	1.608 Thermal Discharging
SLP071	430	'5998470_/_43828520'	1.93		3.33	3.33	0.536	0.5	3.33	1.33 No	0.5 Element Fault
SLP071	431	'5988708_/_5988718'	0.83		3.33	3.33	0.536	0.3	3.33	1.33 No	0.3 Element Fault
SLP071	432	'7427105_/_9319232_2'	3.2		6.67	6.67	1.072	1	6.67	2.67 No	1 Element Fault
SLP071	433	'8376698_/_8376696'	4.1		10	10	1.608	4.7	10	4 No	1.608 Thermal Discharging
SLP071	434	'5986377_/_5986374'	1.67		3.33	3.33	0.536	0.8	3.33	1.33 No	0.536 Thermal Discharging
SLP071	435	'5986322_/_5986319'	1.43		3.33	3.33	0.536	0.8	3.33	1.33 No	0.536 Thermal Discharging
SLP071	436	'329141109_/_329141146'	3.33		3.33	3.33	0.536	1.4	3.33	1.33 No	0.536 Thermal Discharging
SLP071	437	'8376621_/_8686558_1'	4		10	10	1.608	1.6	10	4 No	1.6 Element Fault
SLP071	438	'5986216_/_5986234'	2.4		6.67	6.67	1.072	1.6	6.67	2.67 No	1.072 Thermal Discharging
SLP071	439	'5987084_/_8686558_2'	4		10	10	1.608	1.6	10	4 No	1.6 Element Fault
SLP071	440	'43820467_/_43820464'	1.37		3.33	3.33	0.536	0.2	3.33	1.33 No	0.2 Element Fault
SLP071	441	'324447403_/_5986264_1'	1.2		3.33	3.33	0.536	0.3	3.33	1.33 No	0.3 Element Fault
SLP071	442	'6017455_/_43828509'	1.6		3.33	3.33	0.536	0.5	3.33	1.33 No	0.5 Element Fault
SLP071	443	'5986755_/_5986765'	1.63		3.33	3.33	0.536	1	3.33	1.33 No	0.536 Thermal Discharging
SLP071	444	'5987854_/_43820335'	1.43		3.33	3.33	0.536	0.8	3.33	1.33 No	0.536 Thermal Discharging
SLP071	445	'8686581_/_9004777'	3.9		10	10	1.608	4.3	10	4 No	1.608 Thermal Discharging
SLP071	446	'5987100_/_5987115'	3.9		10	10	1.608	1.6	10	4 No	1.6 Element Fault
SLP071	447	'5987613_/_5989374'	3.27		6.67	6.67	1.072	1	6.67	2.67 No	1 Element Fault
SLP071	448	'43828470_/_5998428'	1.57		3.33	3.33	0.536	0.5	3.33	1.33 No	0.5 Element Fault
SLP071	449	'8686521_/_8686538_1'	3.9		10	10	1.608	0.9	10	4 No	0.9 Element Fault
SLP071	450	'5988707_/_5988705'	0.8		3.33	3.33	0.536	0.3	3.33	1.33 No	0.3 Element Fault
SLP071	451	'7428027_/_7428024'	3.9		10	10	1.608	3.7	10	4 No	1.608 Thermal Discharging
SLP071	452	'5989707_/_5989704'	1.53		3.33	3.33	0.536	0.8	3.33	1.33 No	0.536 Thermal Discharging
SLP071	453	'6017484_/_6017482'	4.4		10	10	1.608	1.7	10	4 No	1.608 Thermal Discharging
SLP071	454	'7426924_/_8686578'	3.8		10	10	1.608	4.3	10	4 No	1.608 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SLP071	455	'43820322_/_5986335'	1.43	3.33	3.33	0.536	0.8	3.33	1.33 No	0.536	Thermal Discharging
SLP071	456	'43820300_/_5986213'	2.27	6.67	6.67	1.072	1.6	6.67	2.67 No	1.072	Thermal Discharging
SLP071	457	'6017332_/_6017329'	1.67	3.33	3.33	0.536	0.5	3.33	1.33 No	0.5	Element Fault
SLP071	458	'43823445_/_43823447'	0.8	3.33	3.33	0.536	0.3	3.33	1.33 No	0.3	Element Fault
SLP071	459	'5986742_/_5986752'	1.53	3.33	3.33	0.536	1	3.33	1.33 No	0.536	Thermal Discharging
SLP071	460	'8686541_/_8686538_2'	3.7	10	10	1.608	0.9	10	4 No	0.9	Element Fault
SLP071	461	'5991324_/_5991322'	0.8	3.33	3.33	0.536	0.3	3.33	1.33 No	0.3	Element Fault
SLP071	462	'5986267_/_5986264_2'	1.23	3.33	3.33	0.536	0.3	3.33	1.33 No	0.3	Element Fault
SLP071	463	'5989626_/_5989623'	1.43	3.33	3.33	0.536	0.8	3.33	1.33 No	0.536	Thermal Discharging
SLP071	464	'559385741_/_559385684_1'	1.23	3.33	3.33	0.536	0.1	3.33	1.33 No	0.1	Element Fault
SLP071	465	'43820710_/_5987098'	3.6	10	10	1.608	1.6	10	4 No	1.6	Element Fault
SLP071	466	'5987067_/_5987081'	3.6	10	10	1.608	1.6	10	4 No	1.6	Element Fault
SLP071	467	'8686737_/_9319232_1'	3.07	6.67	6.67	1.072	0.6	6.67	2.67 No	0.6	Element Fault
SLP071	468	'43821521_/_43821523'	3.13	6.67	6.67	1.072	1	6.67	2.67 No	1	Element Fault
SLP071	469	'7426925_/_7426922'	3.6	10	10	1.608	4.3	10	4 No	1.608	Thermal Discharging
SLP071	470	'6021470_/_6021467_2'	3.33	3.33	3.33	0.536	1.5	3.33	1.33 No	0.536	Thermal Discharging
SLP071	471	'5989509_/_5989519'	0.77	3.33	3.33	0.536	0.3	3.33	1.33 No	0.3	Element Fault
SLP071	472	'5998444_/_5998441'	1.4	3.33	3.33	0.536	0.5	3.33	1.33 No	0.5	Element Fault
SLP071	473	'43828567_/_6021856'	4	10	10	1.608	1.7	10	4 No	1.608	Thermal Discharging
SLP071	474	'7802024_/_7802021'	2.2	6.67	6.67	1.072	2.87	6.67	2.67 No	1.072	Thermal Discharging
SLP071	475	'7737646_/_7737643'	3.5	10	10	1.608	4.3	10	4 No	1.608	Thermal Discharging
SLP071	476	'43820495_/_43820497'	1.43	3.33	3.33	0.536	1	3.33	1.33 No	0.536	Thermal Discharging
SLP071	477	'43820344_/_5989636'	1.4	3.33	3.33	0.536	0.8	3.33	1.33 No	0.536	Thermal Discharging
SLP071	478	'43820724_/_43820712'	3.4	10	10	1.608	1.6	10	4 No	1.6	Element Fault
SLP071	479	'43826480_/_43826482'	1.07	3.33	3.33	0.536	0.8	3.33	1.33 No	0.536	Thermal Discharging
SLP071	480	'5987356_/_8062127_1'	3.4	10	10	1.608	0.9	10	4 No	0.9	Element Fault
SLP071	481	'5989912_/_8371346_1'	1.03	3.33	3.33	0.536	0.2	3.33	1.33 No	0.2	Element Fault
SLP071	482	'7802023_/_9067595'	3.4	10	10	1.608	4.3	10	4 No	1.608	Thermal Discharging
SLP071	483	'6017345_/_6017342'	1.47	3.33	3.33	0.536	0.5	3.33	1.33 No	0.5	Element Fault
SLP071	484	'5998483_/_5998480_1'	3.33	3.33	3.33	0.536	1.6	3.33	1.33 No	0.536	Thermal Discharging
SLP071	485	'5987580_/_5987595'	2.87	6.67	6.67	1.072	1	6.67	2.67 No	1	Element Fault
SLP071	486	'5998496_/_5998480_2'	3.33	3.33	3.33	0.536	1.6	3.33	1.33 No	0.536	Thermal Discharging
SLP071	487	'37944511_/_37944508'	3.9	10	10	1.608	3.7	10	4 No	1.608	Thermal Discharging
SLP071	488	'404705786_/_404705783'	3.9	10	10	1.608	3.7	10	4 No	1.608	Thermal Discharging
SLP071	489	'37944532_/_37944536'	3.9	10	10	1.608	3.7	10	4 No	1.608	Thermal Discharging
SLP071	490	'37944518_/_37944515'	3.9	10	10	1.608	3.7	10	4 No	1.608	Thermal Discharging
SLP071	491	'559385771_/_559385684_2'	1.23	3.33	3.33	0.536	0.1	3.33	1.33 No	0.1	Element Fault
SLP071	492	'5987047_/_5987064'	3.3	10	10	1.608	1.6	10	4 No	1.6	Element Fault
SLP071	493	'37944504_/_7478466'	3.9	10	10	1.608	3.7	10	4 No	1.608	Thermal Discharging
SLP071	494	'76703103_/_7737425_2'	3.3	10	10	1.608	1.6	10	4 No	1.6	Element Fault
SLP071	495	'5986351_/_43820324'	1.33	3.33	3.33	0.536	0.8	3.33	1.33 No	0.536	Thermal Discharging
SLP071	496	'5986280_/_559385684_3'	1.23	3.33	3.33	0.536	0.1	3.33	1.33 No	0.1	Element Fault
SLP071	497	'8062129_/_8062127_2'	3.2	10	10	1.608	0.9	10	4 No	0.9	Element Fault
SLP071	498	'43823434_/_43823436'	0.7	3.33	3.33	0.536	0.3	3.33	1.33 No	0.3	Element Fault
SLP071	499	'8062265_/_8062263_2'	3.9	10	10	1.608	3.7	10	4 No	1.608	Thermal Discharging
SLP071	500	'5989508_/_5989506'	0.7	3.33	3.33	0.536	0.3	3.33	1.33 No	0.3	Element Fault
SLP071	501	'5986716_/_5986726'	1.33	3.33	3.33	0.536	1	3.33	1.33 No	0.536	Thermal Discharging
SLP071	502	'5991670_/_8062263_1'	3.9	10	10	1.608	2.6	10	4 No	1.608	Thermal Discharging
SLP071	503	'8062248_/_8686734'	2.67	6.67	6.67	1.072	0.6	6.67	2.67 No	0.6	Element Fault
SLP071	504	'6017358_/_6017355'	1.37	3.33	3.33	0.536	0.5	3.33	1.33 No	0.5	Element Fault
SLP071	505	'7140171_/_7140169'	2.53	6.67	6.67	1.072	1.73	6.67	2.67 No	1.072	Thermal Discharging
SLP071	506	'43828856_/_6017287'	1.23	3.33	3.33	0.536	0.5	3.33	1.33 No	0.5	Element Fault
SLP071	507	'5998410_/_6017465'	3.6	10	10	1.608	1.7	10	4 No	1.608	Thermal Discharging
SLP071	508	'8748145_/_8748142'	3.2	10	10	1.608	4.3	10	4 No	1.608	Thermal Discharging
SLP071	509	'7737427_/_7737425_1'	3.1	10	10	1.608	0.9	10	4 No	0.9	Element Fault
SLP071	510	'7802093_/_8748178'	3.2	10	10	1.608	4.3	10	4 No	1.608	Thermal Discharging
SLP071	511	'7426944_/_7426942_1'	3.1	10	10	1.608	5	10	4 No	1.608	Thermal Discharging
SLP071	512	'43820311_/_5986290'	1.23	3.33	3.33	0.536	0.1	3.33	1.33 No	0.1	Element Fault
SLP071	513	'5987538_/_5987577'	2.67	6.67	6.67	1.072	1	6.67	2.67 No	1	Element Fault
SLP071	514	'5987046_/_5987044'	3	9.6	10	1.608	1.6	10	4 No	1.6	Element Fault
SLP071	515	'8062169_/_8062167_1'	2.6	6.67	6.67	1.072	0.6	6.67	2.67 No	0.6	Element Fault
SLP071	516	'384783021_/_43820699_1'	3	9.6	10	1.608	0.6	10	4 No	0.6	Element Fault
SLP071	517	'460277395_/_460277414_2'	1.27	3.33	3.33	0.536	0.3	3.33	1.33 No	0.3	Element Fault
SLP071	518	'452851152_/_5987535_2'	1.3	3.33	3.33	0.536	0.5	3.33	1.33 No	0.5	Element Fault
SLP071	519	'500355396_/_8371346_2'	0.93	3.33	3.33	0.536	0.2	3.33	1.33 No	0.2	Element Fault
SLP071	520	'7802074_/_7802091'	3	9.7	10	1.608	4.3	10	4 No	1.608	Thermal Discharging
SLP071	521	'5991669_/_5991667'	3.8	10	10	1.608	2.6	10	4 No	1.608	Thermal Discharging
SLP071	522	'5986703_/_5986713'	1.23	3.33	3.33	0.536	1	3.33	1.33 No	0.536	Thermal Discharging
SLP071	523	'66962788_/_66962773_2'	3.8	10	10	1.608	2.6	10	4 No	1.608	Thermal Discharging
SLP071	524	'509747451_/_509747545'	3.33	3.33	3.33	0.536	1.57	3.33	1.33 No	0.536	Thermal Discharging
SLP071	525	'37944588_/_8686768'	3.3	10	10	1.608	3.7	10	4 No	1.608	Thermal Discharging
SLP071	526	'37944574_/_37944578'	2.8	10	10	1.608	3.7	10	4 No	1.608	Thermal Discharging
SLP071	527	'37944546_/_37944550'	2.8	10	10	1.608	3.7	10	4 No	1.608	Thermal Discharging
SLP071	528	'43828878_/_6017368'	1.27	3.33	3.33	0.536	0.5	3.33	1.33 No	0.5	Element Fault
SLP071	529	'7737447_/_8062167_2'	2.53	6.67	6.67	1.072	0.6	6.67	2.67 No	0.6	Element Fault
SLP071	530	'5986661_/_5986658'	1.17	3.27	3.33	0.536	0.8	3.33	1.33 No	0.536	Thermal Discharging
SLP071	531	'5987525_/_5987535_1'	1.23	3.33	3.33	0.536	0.3	3.33	1.33 No	0.3	Element Fault
SLP071	532	'6017290_/_43828858'	1.13	3.33	3.33	0.536	0.5	3.33	1.33 No	0.5	Element Fault
SLP071	533	'7427139_/_8062283_2'	2.8	10	10	1.608	3.7	10	4 No	1.608	Thermal Discharging
SLP071	534	'7426964_/_8371362'	2.8	10	10	1.608	3.7	10	4 No	1.608	Thermal Discharging
SLP071	535	'7802073_/_7802071'	2.9	9.3	10	1.608	4.3	10	4 No	1.608	Thermal Discharging
SLP071	536	'5987200_/_8062283_1'	2.8	10	10	1.608	3.7	10	4 No	1.608	Thermal Discharging
SLP071	537	'6017185_/_5998408'	3.3	9.3	10	1.608	1.7	10	4 No	1.608	Thermal Discharging
SLP071	538	'5990589_/_43820699_2'	2.8	8.9	10	1.608	0.6	10	4 No	0.6	Element Fault
SLP071	539	'5986702_/_5986700'	1.17	3.2	3.33	0.536	1	3.33	1.33 No	0.536	Thermal Discharging
SLP071	540	'383360883_/_383360880'	2.8	8.7	10	1.608	0.6	10	4 No	0.6	Element Fault
SLP071	541	'7737522_/_500355418_1'	0.87	3.3	3.33	0.536	0.2	3.33	1.33 No	0.2	Element Fault
SLP071	542	'8062247_/_8062245'	2.33	6.2	6.67	1.072	0.6	6.67	2.67 No	0.6	Element Fault
SLP071	543	'43826458_/_500355418_2'	0.87	3.3	3.33	0.536	0.2	3.33	1.33 No	0.2	Element Fault
SLP071	544	'43829259_/_6022011'	3.33	3.33	3.33	0.536	1.1	3.33	1.33 No	0.536	Thermal Discharging
SLP071	545	'5998508_/_5998506_1'	3.33	3.33	3.33	0.536	0.2	3.33	1.33 No	0.2	Element Fault
SLP071	546	'6017607_/_6017604'	1.07	3.33	3.33	0.536	0.5	3.33	1.33 No	0.5	Element Fault
SLP071	547	'5987524_/_5987522'	1.17	3.23	3.33	0.536	0.3	3.33	1.33 No	0.3	Element Fault
SLP071	548	'9067618_/_9067615'	2.8	8.8	10	1.608	4.3	10	4 No	1.608	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SLP071	549	'6017133_/_/7104391'		3.4	10	10	1.608	2.6	10	4 No	1.608 Thermal Discharging
SLP071	550	'66962752_/_/66962773_1'		3.5	10	10	1.608	1.7	10	4 No	1.608 Thermal Discharging
SLP071	551	'7426965_/_/7426962'		2.8	10	10	1.608	3.7	10	4 No	1.608 Thermal Discharging
SLP071	552	'6017184_/_/6017182'		3.1	8.7	10	1.608	1.7	10	4 No	1.608 Thermal Discharging
SLP071	553	'6017672_/_/6017669'		1.17	3.27	3.33	0.536	0.5	3.33	1.33 No	0.5 Element Fault
SLP071	554	'6017202_/_/6017199'		1.03	2.93	3.33	0.536	0.57	3.33	1.33 No	0.536 Thermal Discharging
SLP071	555	'643696007_/_/5991649_1'		1.87	6.67	6.67	1.072	1	6.67	2.67 No	1 Element Fault
SLP071	556	'7737448_/_/7737445'		2.27	6.13	6.67	1.072	0.6	6.67	2.67 No	0.6 Element Fault
SLP071	557	'5998509_/_/5998506_2'		3.33	3.33	3.33	0.536	0.2	3.33	1.33 No	0.2 Element Fault
SLP071	558	'43828845_/_/43828847'		1	3.27	3.33	0.536	0.5	3.33	1.33 No	0.5 Element Fault
SLP071	559	'8376678_/_/8376676'		2.8	10	10	1.608	3.7	10	4 No	1.608 Thermal Discharging
SLP071	560	'51250273_/_/66962759'		3.3	10	10	1.608	1.7	10	4 No	1.608 Thermal Discharging
SLP071	561	'7104664_/_/7104661'		3.2	10	10	1.608	2.6	10	4 No	1.608 Thermal Discharging
SLP071	562	'37944560_/_/9383978'		2.6	8.3	10	1.608	4.3	10	4 No	1.608 Thermal Discharging
SLP071	563	'37944553_/_/37944557'		2.8	10	10	1.608	3.7	10	4 No	1.608 Thermal Discharging
SLP071	564	'5991652_/_/5991649_2'		1.87	6.67	6.67	1.072	1	6.67	2.67 No	1 Element Fault
SLP071	565	'6017215_/_/6017212'		1	2.8	3.33	0.536	0.57	3.33	1.33 No	0.536 Thermal Discharging
SLP071	566	'6017620_/_/6017617'		1	3.17	3.33	0.536	0.5	3.33	1.33 No	0.5 Element Fault
SLP071	567	'6021813_/_/427334423'		3	8.2	10	1.608	1.7	10	4 No	1.608 Thermal Discharging
SLP071	568	'429093145_/_/427334480_2'		3	8.2	10	1.608	1.7	10	4 No	1.608 Thermal Discharging
SLP071	569	'6022348_/_/6022345'		3.33	3.33	3.33	0.536	1.5	3.33	1.33 No	0.536 Thermal Discharging
SLP071	570	'5998525_/_/5998522'		3.33	3.33	3.33	0.536	0.2	3.33	1.33 No	0.2 Element Fault
SLP071	571	'5987244_/_/7104411'		3.2	10	10	1.608	2.6	10	4 No	1.608 Thermal Discharging
SLP071	572	'108502680_/_/6021810_2'		0.97	2.7	3.33	0.536	0.57	3.33	1.33 No	0.536 Thermal Discharging
SLP071	573	'7427194_/_/7427192_1'		3.1	10	10	1.608	0.9	10	4 No	0.9 Element Fault
SLP071	574	'427334461_/_/427334480_1'		2.9	8.1	10	1.608	1.1	10	4 No	1.1 Element Fault
SLP071	575	'6017658_/_/6017656'		0.97	3.07	3.33	0.536	0.5	3.33	1.33 No	0.5 Element Fault
SLP071	576	'6024484_/_/6024481'		1.07	3	3.33	0.536	0.5	3.33	1.33 No	0.5 Element Fault
SLP071	577	'51250243_/_/51250275'		3.2	10	10	1.608	1.7	10	4 No	1.608 Thermal Discharging
SLP071	578	'5987212_/_/5987210'		1.93	6.67	6.67	1.072	2.3	6.67	2.67 No	1.072 Thermal Discharging
SLP071	579	'5989861_/_/43826460'		0.8	2.87	3.33	0.536	0.2	3.33	1.33 No	0.2 Element Fault
SLP071	580	'8062073_/_/8062071_1'		1.93	6.67	6.67	1.072	0.6	6.67	2.67 No	0.6 Element Fault
SLP071	581	'394374063_/_/5987242'		3.1	10	10	1.608	2.6	10	4 No	1.608 Thermal Discharging
SLP071	582	'43826502_/_/43826504'		0.8	2.83	3.33	0.536	0.2	3.33	1.33 No	0.2 Element Fault
SLP071	583	'5987794_/_/7104501'		0.97	2.67	3.33	0.536	0.57	3.33	1.33 No	0.536 Thermal Discharging
SLP071	584	'43826930_/_/43826932'		1.07	2.87	3.33	0.536	0.3	3.33	1.33 No	0.3 Element Fault
SLP071	585	'5998577_/_/43829272'		3.33	3.33	3.33	0.536	0.2	3.33	1.33 No	0.2 Element Fault
SLP071	586	'5987245_/_/394374071'		3	10	10	1.608	2.6	10	4 No	1.608 Thermal Discharging
SLP071	587	'6022562_/_/6022559'		3.33	3.33	3.33	0.536	1.5	3.33	1.33 No	0.536 Thermal Discharging
SLP071	588	'43828867_/_/6017630'		0.93	2.97	3.33	0.536	0.5	3.33	1.33 No	0.5 Element Fault
SLP071	589	'8062074_/_/8062071_2'		1.93	6.67	6.67	1.072	0.6	6.67	2.67 No	0.6 Element Fault
SLP071	590	'8413079_/_/51250250'		3.1	10	10	1.608	1.7	10	4 No	1.608 Thermal Discharging
SLP071	591	'43827904_/_/6021810_1'		0.93	2.57	3.33	0.536	0.3	3.33	1.33 No	0.3 Element Fault
SLP071	592	'8376771_/_/9319118_1'		2.07	5.4	6.67	1.072	0.6	6.67	2.67 No	0.6 Element Fault
SLP071	593	'44549601_/_/7427192_2'		2.9	10	10	1.608	0.9	10	4 No	0.9 Element Fault
SLP071	594	'43829281_/_/5998535'		3.33	3.33	3.33	0.536	0.2	3.33	1.33 No	0.2 Element Fault
SLP071	595	'43821556_/_/5987792'		0.9	2.57	3.33	0.536	0.57	3.33	1.33 No	0.536 Thermal Discharging
SLP071	596	'6022360_/_/6022572'		3.33	3.33	3.33	0.536	1.5	3.33	1.33 No	0.536 Thermal Discharging
SLP071	597	'45180931_/_/6017643'		0.9	2.8	3.33	0.536	0.5	3.33	1.33 No	0.5 Element Fault
SLP071	598	'5989848_/_/5989926'		0.73	2.63	3.33	0.536	0.2	3.33	1.33 No	0.2 Element Fault
SLP071	599	'8672093_/_/8672090'		3.33	3.33	3.33	0.536	0.1	3.33	1.33 No	0.1 Element Fault
SLP071	600	'5998371_/_/6024494'		1	2.73	3.33	0.536	0.5	3.33	1.33 No	0.5 Element Fault
SLP071	601	'5987509_/_/5989767'		1	2.67	3.33	0.536	0.3	3.33	1.33 No	0.3 Element Fault
SLP071	602	'6017159_/_/6017169'		0.9	2.43	3.33	0.536	0.3	3.33	1.33 No	0.3 Element Fault
SLP071	603	'34547422_/_/44081180'		2.9	10	10	1.608	1.7	10	4 No	1.608 Thermal Discharging
SLP071	604	'6022282_/_/6022358'		3.33	3.33	3.33	0.536	1.4	3.33	1.33 No	0.536 Thermal Discharging
SLP071	605	'8413078_/_/8413076'		2.8	10	10	1.608	1.7	10	4 No	1.608 Thermal Discharging
SLP071	606	'5987724_/_/5987721'		0.87	2.43	3.33	0.536	0.57	3.33	1.33 No	0.536 Thermal Discharging
SLP071	607	'8063137_/_/8063135'		3.33	3.33	3.33	0.536	1.23	3.33	1.33 No	0.536 Thermal Discharging
SLP071	608	'43826469_/_/5989871'		0.7	2.53	3.33	0.536	0.2	3.33	1.33 No	0.2 Element Fault
SLP071	609	'7478468_/_/8063151'		3.33	3.33	3.33	0.536	1.23	3.33	1.33 No	0.536 Thermal Discharging
SLP071	610	'6022283_/_/6022280'		3.33	3.33	3.33	0.536	1.4	3.33	1.33 No	0.536 Thermal Discharging
SLP071	611	'5998551_/_/5998548'		3.33	3.33	3.33	0.536	0.2	3.33	1.33 No	0.2 Element Fault
SLP071	612	'8433188_/_/8433186'		2.8	9.7	10	1.608	1.7	10	4 No	1.608 Thermal Discharging
SLP071	613	'6022493_/_/6022588_2'		3.33	3.33	3.33	0.536	1.1	3.33	1.33 No	0.536 Thermal Discharging
SLP071	614	'6017146_/_/6017156'		0.87	2.37	3.33	0.536	0.3	3.33	1.33 No	0.3 Element Fault
SLP071	615	'6017145_/_/6017143'		0.83	2.33	3.33	0.536	0.3	3.33	1.33 No	0.3 Element Fault
SLP071	616	'6022270_/_/6022588_1'		3.33	3.33	3.33	0.536	0.5	3.33	1.33 No	0.5 Element Fault
SLP071	617	'5987740_/_/5987737'		0.83	2.37	3.33	0.536	0.57	3.33	1.33 No	0.536 Thermal Discharging
SLP071	618	'5998372_/_/5998369'		0.93	2.5	3.33	0.536	0.5	3.33	1.33 No	0.5 Element Fault
SLP071	619	'6022296_/_/6022293'		3.33	3.33	3.33	0.536	1.4	3.33	1.33 No	0.536 Thermal Discharging
SLP071	620	'5987496_/_/5987506'		0.93	2.47	3.33	0.536	0.3	3.33	1.33 No	0.3 Element Fault
SLP071	621	'5989847_/_/5989845'		0.67	2.4	3.33	0.536	0.2	3.33	1.33 No	0.2 Element Fault
SLP071	622	'9067812_/_/9067809'		2.7	8.7	10	1.608	1.7	10	4 No	1.608 Thermal Discharging
SLP071	623	'5998564_/_/5998561'		3.33	3.33	3.33	0.536	0.2	3.33	1.33 No	0.2 Element Fault
SLP071	624	'8672108_/_/8672106'		3.33	3.33	3.33	0.536	0.1	3.33	1.33 No	0.1 Element Fault
SLP071	625	'6022510_/_/6022507'		3.33	3.33	3.33	0.536	1.4	3.33	1.33 No	0.536 Thermal Discharging
SLP071	626	'5998385_/_/5998382'		0.9	2.4	3.33	0.536	0.5	3.33	1.33 No	0.5 Element Fault
SLP071	627	'5987753_/_/5987750'		0.8	2.27	3.33	0.536	0.57	3.33	1.33 No	0.536 Thermal Discharging
SLP071	628	'5989886_/_/43826471'		0.67	2.3	3.33	0.536	0.2	3.33	1.33 No	0.2 Element Fault
SLP071	629	'8722098_/_/8722096'		1.5	3.33	3.33	0.536	1.43	3.33	1.33 No	0.536 Thermal Discharging
SLP071	630	'43827051_/_/6027678'		0.8	2.2	3.33	0.536	0.3	3.33	1.33 No	0.3 Element Fault
SLP071	631	'43829326_/_/6022267'		3.33	3.33	3.33	0.536	0.5	3.33	1.33 No	0.5 Element Fault
SLP071	632	'43821477_/_/5987493'		0.87	2.33	3.33	0.536	0.3	3.33	1.33 No	0.3 Element Fault
SLP071	633	'6022523_/_/6022520'		3.33	3.33	3.33	0.536	1.4	3.33	1.33 No	0.536 Thermal Discharging
SLP071	634	'5990328_/_/5990325'		0.87	2.3	3.33	0.536	0.3	3.33	1.33 No	0.3 Element Fault
SLP071	635	'6021845_/_/6022041'		0.8	2.2	3.33	0.536	0.3	3.33	1.33 No	0.3 Element Fault
SLP071	636	'43829292_/_/5998587'		3.33	3.33	3.33	0.536	0.2	3.33	1.33 No	0.2 Element Fault
SLP071	637	'5991593_/_/5991591'		0.63	2.2	3.33	0.536	0.2	3.33	1.33 No	0.2 Element Fault
SLP071	638	'6022308_/_/6022533'		3.33	3.33	3.33	0.536	1.4	3.33	1.33 No	0.536 Thermal Discharging
SLP071	639	'5987414_/_/5989884'		0.63	2.2	3.33	0.536	0.2	3.33	1.33 No	0.2 Element Fault
SLP071	640	'5987708_/_/7104565'		0.77	2.07	3.33	0.536	0.3	3.33	1.33 No	0.3 Element Fault
SLP071	641	'6021385_/_/6022306'		3.33	3.33	3.33	0.536	1.4	3.33	1.33 No	0.536 Thermal Discharging
SLP071	642	'5998603_/_/43829294'		3.33	3.33	3.33	0.536	0.2	3.33	1.33 No	0.2 Element Fault

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SLP071	643	'6022256_/_6022254'	3.33	3.33	3.33	0.536	0.5	3.33	1.33 No	0.5	Element Fault
SLP071	644	'43828593_/_6021843'	0.73	2.07	3.33	0.536	0.3	3.33	1.33 No	0.3	Element Fault
SLP071	645	'43821465_/_43821467'	0.83	2.17	3.33	0.536	0.3	3.33	1.33 No	0.3	Element Fault
SLP071	646	'5987415_/_5987412'	0.6	2.1	3.33	0.536	0.2	3.33	1.33 No	0.2	Element Fault
SLP071	647	'6021386_/_6021383'	3.33	3.33	3.33	0.536	1.4	3.33	1.33 No	0.536	Thermal Discharging
SLP071	648	'37944602_/_9384204'	2.3	7	10	1.608	1.7	10	4 No	1.608	Thermal Discharging
SLP071	649	'5987457_/_5987467'	0.8	2.1	3.33	0.536	0.3	3.33	1.33 No	0.3	Element Fault
SLP071	650	'43826740_/_5991837'	0.6	2.03	3.33	0.536	0.2	3.33	1.33 No	0.2	Element Fault
SLP071	651	'5990341_/_5990338'	0.77	2.03	3.33	0.536	0.3	3.33	1.33 No	0.3	Element Fault
SLP071	652	'5998616_/_5998613'	3.33	3.33	3.33	0.536	0.2	3.33	1.33 No	0.2	Element Fault
SLP071	653	'5987199_/_5987197'	1.13	3.33	3.33	0.536	1.1	3.33	1.33 No	0.536	Thermal Discharging
SLP071	654	'43821545_/_43821547'	0.7	1.97	3.33	0.536	0.3	3.33	1.33 No	0.3	Element Fault
SLP071	655	'6022241_/_6022478'	3.33	3.33	3.33	0.536	0.5	3.33	1.33 No	0.5	Element Fault
SLP071	656	'5987441_/_5987454'	0.77	2.07	3.33	0.536	0.3	3.33	1.33 No	0.3	Element Fault
SLP071	657	'43821294_/_5987763'	0.57	2.03	3.33	0.536	0.2	3.33	1.33 No	0.2	Element Fault
SLP071	658	'43828902_/_43828904'	3.33	3.33	3.33	0.536	1.4	3.33	1.33 No	0.536	Thermal Discharging
SLP071	659	'6021200_/_6021197'	3.33	3.33	3.33	0.536	0.2	3.33	1.33 No	0.2	Element Fault
SLP071	660	'6021399_/_6021396'	3.33	3.33	3.33	0.536	1.1	3.33	1.33 No	0.536	Thermal Discharging
SLP071	661	'6022077_/_6021527'	3.33	3.33	3.33	0.536	1.4	3.33	1.33 No	0.536	Thermal Discharging
SLP071	662	'43820793_/_5991633'	1.13	3.33	3.33	0.536	1.1	3.33	1.33 No	0.536	Thermal Discharging
SLP071	663	'6017384_/_6017381'	0.7	1.93	3.33	0.536	0.3	3.33	1.33 No	0.3	Element Fault
SLP071	664	'6021498_/_6017130'	1.23	3.33	3.33	0.536	0.87	3.33	1.33 No	0.536	Thermal Discharging
SLP071	665	'6021229_/_6021226'	3.33	3.33	3.33	0.536	0.2	3.33	1.33 No	0.2	Element Fault
SLP071	666	'5987682_/_5987692'	0.7	1.9	3.33	0.536	0.3	3.33	1.33 No	0.3	Element Fault
SLP071	667	'6021412_/_6021409'	3.33	3.33	3.33	0.536	1	3.33	1.33 No	0.536	Thermal Discharging
SLP071	668	'5987427_/_43821296'	0.57	1.97	3.33	0.536	0.2	3.33	1.33 No	0.2	Element Fault
SLP071	669	'43829337_/_6022238'	3.33	3.33	3.33	0.536	0.5	3.33	1.33 No	0.5	Element Fault
SLP071	670	'6021242_/_6021239'	3.33	3.33	3.33	0.536	0.2	3.33	1.33 No	0.2	Element Fault
SLP071	671	'6027693_/_6027691'	3.33	3.33	3.33	0.536	1.1	3.33	1.33 No	0.536	Thermal Discharging
SLP071	672	'5989821_/_5990351'	0.73	1.9	3.33	0.536	0.3	3.33	1.33 No	0.3	Element Fault
SLP071	673	'5987428_/_43821307'	0.57	1.93	3.33	0.536	0.2	3.33	1.33 No	0.2	Element Fault
SLP071	674	'5987187_/_5991620'	1.13	3.33	3.33	0.536	1	3.33	1.33 No	0.536	Thermal Discharging
SLP071	675	'6021255_/_6021252'	3.33	3.33	3.33	0.536	0.2	3.33	1.33 No	0.2	Element Fault
SLP071	676	'6022400_/_6022397'	1.1	3.33	3.33	0.536	0.87	3.33	1.33 No	0.536	Thermal Discharging
SLP071	677	'43829303_/_6021210'	3.33	3.33	3.33	0.536	0.2	3.33	1.33 No	0.2	Element Fault
SLP071	678	'43825790_/_5987679'	0.67	1.83	3.33	0.536	0.3	3.33	1.33 No	0.3	Element Fault
SLP071	679	'43821454_/_43821456'	0.73	1.93	3.33	0.536	0.3	3.33	1.33 No	0.3	Element Fault
SLP071	680	'6022103_/_6022100'	3.33	3.33	3.33	0.536	1.1	3.33	1.33 No	0.536	Thermal Discharging
SLP071	681	'43829571_/_6021425'	3.33	3.33	3.33	0.536	1	3.33	1.33 No	0.536	Thermal Discharging
SLP071	682	'5987440_/_7737483_1'	0.73	1.9	3.33	0.536	0.3	3.33	1.33 No	0.3	Element Fault
SLP071	683	'5987313_/_5987324'	1.13	3.33	3.33	0.536	1.1	3.33	1.33 No	0.536	Thermal Discharging
SLP071	684	'43821499_/_5989819'	0.7	1.83	3.33	0.536	0.3	3.33	1.33 No	0.3	Element Fault
SLP071	685	'6017397_/_6017394'	0.63	1.8	3.33	0.536	0.3	3.33	1.33 No	0.3	Element Fault
SLP071	686	'43829582_/_43829584'	3.33	3.33	3.33	0.536	1.1	3.33	1.33 No	0.536	Thermal Discharging
SLP071	687	'43829336_/_6022225'	3.33	3.33	3.33	0.536	0.5	3.33	1.33 No	0.5	Element Fault
SLP071	688	'43828779_/_6022087'	3.33	3.33	3.33	0.536	1.1	3.33	1.33 No	0.536	Thermal Discharging
SLP071	689	'43820782_/_5987184'	1.17	3.33	3.33	0.536	1	3.33	1.33 No	0.536	Thermal Discharging
SLP071	690	'6021428_/_43829573'	3.33	3.33	3.33	0.536	1	3.33	1.33 No	0.536	Thermal Discharging
SLP071	691	'6021268_/_6021265'	3.33	3.33	3.33	0.536	0.2	3.33	1.33 No	0.2	Element Fault
SLP071	692	'7737485_/_7737483_2'	0.7	1.83	3.33	0.536	0.3	3.33	1.33 No	0.3	Element Fault
SLP071	693	'5987656_/_5987666'	0.63	1.77	3.33	0.536	0.3	3.33	1.33 No	0.3	Element Fault
SLP071	694	'5987148_/_5987158'	1.17	3.33	3.33	0.536	1.1	3.33	1.33 No	0.536	Thermal Discharging
SLP071	695	'6021213_/_43829305'	3.33	3.33	3.33	0.536	0.2	3.33	1.33 No	0.2	Element Fault
SLP071	696	'5987550_/_43821501'	0.67	1.77	3.33	0.536	0.3	3.33	1.33 No	0.3	Element Fault
SLP071	697	'5987314_/_5987311'	1.1	3.33	3.33	0.536	1.1	3.33	1.33 No	0.536	Thermal Discharging
SLP071	698	'5987173_/_5987171'	1.1	3.33	3.33	0.536	1	3.33	1.33 No	0.536	Thermal Discharging
SLP071	699	'6022334_/_6022332'	3.33	3.33	3.33	0.536	1.1	3.33	1.33 No	0.536	Thermal Discharging
SLP071	700	'6017410_/_6017407'	0.63	1.73	3.33	0.536	0.3	3.33	1.33 No	0.3	Element Fault
SLP071	701	'59988397_/_5998395'	3.33	3.33	3.33	0.536	1.1	3.33	1.33 No	0.536	Thermal Discharging
SLP071	702	'5987135_/_5987145'	1.07	3.33	3.33	0.536	1.1	3.33	1.33 No	0.536	Thermal Discharging
SLP071	703	'5987643_/_5987653'	0.6	1.7	3.33	0.536	0.3	3.33	1.33 No	0.3	Element Fault
SLP071	704	'6022322_/_6022546'	3.33	3.33	3.33	0.536	1	3.33	1.33 No	0.536	Thermal Discharging
SLP071	705	'5987551_/_5987548'	0.63	1.67	3.33	0.536	0.3	3.33	1.33 No	0.3	Element Fault
SLP071	706	'5987642_/_5987640'	0.6	1.67	3.33	0.536	0.3	3.33	1.33 No	0.3	Element Fault
SLP071	707	'5987134_/_5987132'	0.97	3.33	3.33	0.536	1.1	3.33	1.33 No	0.536	Thermal Discharging
SLP071	708	'6022321_/_6022319'	3.33	3.33	3.33	0.536	1	3.33	1.33 No	0.536	Thermal Discharging
SLP071	709	'43821510_/_5987564'	0.57	1.53	3.33	0.536	0.3	3.33	1.33 No	0.3	Element Fault
SLP071	710	'5987567_/_43821512'	0.53	1.43	3.33	0.536	0.3	3.33	1.33 No	0.3	Element Fault
SLP072	0	'SLP072_/_7802323'	10	10	10	1.888	10	10	4.64 No	1.888	Thermal Discharging
SLP072	1	'7802326_/_7802323'	10	10	10	1.888	10	10	4.64 No	1.888	Thermal Discharging
SLP072	2	'7807039_/_7807036'	10	10	10	1.888	10	10	4.64 No	1.888	Thermal Discharging
SLP072	3	'439986416_/_9701718_1'	10	10	10	1.888	10	10	4.64 No	1.888	Thermal Discharging
SLP072	4	'5960623_/_9701718_2'	10	10	10	1.888	10	10	4.64 No	1.888	Thermal Discharging
SLP072	5	'5960569_/_7152884'	10	10	10	1.888	10	10	4.64 No	1.888	Thermal Discharging
SLP072	6	'5960501_/_5960567'	10	10	10	1.888	10	10	4.64 No	1.888	Thermal Discharging
SLP072	7	'5958694_/_5960499'	10	10	10	1.888	10	10	4.64 No	1.888	Thermal Discharging
SLP072	8	'5955803_/_5958692'	10	10	10	1.888	10	10	4.64 No	1.888	Thermal Discharging
SLP072	9	'5955783_/_5955801'	10	10	10	1.888	10	10	4.64 No	1.888	Thermal Discharging
SLP072	10	'5955726_/_5955781'	10	10	10	1.888	10	10	4.64 No	1.888	Thermal Discharging
SLP072	11	'5954429_/_385757268'	10	10	10	1.888	10	10	4.64 No	1.888	Thermal Discharging
SLP072	12	'5954430_/_5954427'	10	10	10	1.888	10	10	4.64 No	1.888	Thermal Discharging
SLP072	13	'5954447_/_5954444'	10	10	10	1.888	10	10	4.64 No	1.888	Thermal Discharging
SLP072	14	'5954464_/_5954461'	10	10	10	1.888	10	10	4.64 No	1.888	Thermal Discharging
SLP072	15	'5954481_/_5954478'	10	10	10	1.888	10	10	4.64 No	1.888	Thermal Discharging
SLP072	16	'5954498_/_5954495'	10	10	10	1.888	10	10	4.64 No	1.888	Thermal Discharging
SLP072	17	'5954183_/_5954512'	10	10	10	1.888	10	10	4.64 No	1.888	Thermal Discharging
SLP072	18	'5954565_/_5954580'	10	10	10	1.888	10	10	4.64 No	1.888	Thermal Discharging
SLP072	19	'43820158_/_5954180'	10	10	10	1.888	10	10	4.64 No	1.888	Thermal Discharging
SLP072	20	'5954566_/_5954563'	10	10	10	1.888	10	10	4.64 No	1.888	Thermal Discharging
SLP072	21	'76703632_/_5954546'	10	10	10	1.888	10	10	4.64 No	1.888	Thermal Discharging
SLP072	22	'5954549_/_76703626_1'	10	10	10	1.888	10	10	4.64 No	1.888	Thermal Discharging
SLP072	23	'5950912_/_5950926'	10	10	10	1.888	10	10	4.64 No	1.888	Thermal Discharging
SLP072	24	'5953616_/_5955835'	10	10	10	1.888	10	10	4.64 No	1.888	Thermal Discharging
SLP072	25	'5955974_/_76703626_2'	10	10	10	1.888	10	10	4.64 No	1.888	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SLP072	26	'5953899_/_5953896'		10	10	10	1.888	10	10	4.64 No	1.888 Thermal Discharging
SLP072	27	'5950882_/_5950909'		10	10	10	1.888	10	10	4.64 No	1.888 Thermal Discharging
SLP072	28	'5953617_/_5953631_1'		10	10	10	1.888	2.5	10	4.64 No	1.888 Thermal Discharging
SLP072	29	'5955991_/_5955988'		10	10	10	1.888	10	10	4.64 No	1.888 Thermal Discharging
SLP072	30	'5953721_/_5953913'		10	10	10	1.888	10	10	4.64 No	1.888 Thermal Discharging
SLP072	31	'43817784_/_5953930'		10	10	10	1.888	10	10	4.64 No	1.888 Thermal Discharging
SLP072	32	'5950866_/_5950863_2'	3.33		3.33	3.33	0.632	1.1	3.33	1.55 No	0.632 Thermal Discharging
SLP072	33	'5954217_/_5954214_2'		10	10	10	1.888	3.3	10	4.64 No	1.888 Thermal Discharging
SLP072	34	'5956008_/_5956005'		10	10	10	1.888	10	10	4.64 No	1.888 Thermal Discharging
SLP072	35	'5953950_/_5953947'		10	10	10	1.888	10	10	4.64 No	1.888 Thermal Discharging
SLP072	36	'5953722_/_5953732_1'	3.33		3.33	3.33	0.632	0.5	3.33	1.55 No	0.5 Element Fault
SLP072	37	'5956044_/_5956076'		10	10	10	1.888	10	10	4.64 No	1.888 Thermal Discharging
SLP072	38	'5953882_/_114349242_2'		10	10	10	1.888	10	10	4.64 No	1.888 Thermal Discharging
SLP072	39	'114349240_/_114349242_1'		10	10	10	1.888	10	10	4.64 No	1.888 Thermal Discharging
SLP072	40	'5953492_/_5954254'		10	10	10	1.888	10	10	4.64 No	1.888 Thermal Discharging
SLP072	41	'5955854_/_5956042'		10	10	10	1.888	10	10	4.64 No	1.888 Thermal Discharging
SLP072	42	'5956025_/_5956022'		10	10	10	1.888	10	10	4.64 No	1.888 Thermal Discharging
SLP072	43	'5953284_/_5953862'		10	10	10	1.888	10	10	4.64 No	1.888 Thermal Discharging
SLP072	44	'8685392_/_8685390_1'		10	10	10	1.888	1.5	10	4.64 No	1.5 Element Fault
SLP072	45	'5953634_/_5953631_2'		10	10	10	1.888	2.5	10	4.64 No	1.888 Thermal Discharging
SLP072	46	'5991392_/_7104123'		10	10	10	1.888	10	10	4.64 No	1.888 Thermal Discharging
SLP072	47	'76703659_/_43817508'		10	10	10	1.888	10	10	4.64 No	1.888 Thermal Discharging
SLP072	48	'5953493_/_5953490'		10	10	10	1.888	6.8	10	4.64 No	1.888 Thermal Discharging
SLP072	49	'5950853_/_5950863_1'	3.33		3.33	3.33	0.632	0.5	3.33	1.55 No	0.5 Element Fault
SLP072	50	'5991393_/_5991390'		10	10	10	1.888	10	10	4.64 No	1.888 Thermal Discharging
SLP072	51	'116088594_/_123239852'		10	10	10	1.888	10	10	4.64 No	1.888 Thermal Discharging
SLP072	52	'5953735_/_5953732_2'	3.33		3.33	3.33	0.632	0.5	3.33	1.55 No	0.5 Element Fault
SLP072	53	'43817866_/_43817868'	3.33		3.33	3.33	0.632	1.1	3.33	1.55 No	0.632 Thermal Discharging
SLP072	54	'116088575_/_123239786'		10	10	10	1.888	10	10	4.64 No	1.888 Thermal Discharging
SLP072	55	'5950759_/_5954214_1'		10	10	10	1.888	1.5	10	4.64 No	1.5 Element Fault
SLP072	56	'8685393_/_8685390_2'		10	10	10	1.888	1.5	10	4.64 No	1.5 Element Fault
SLP072	57	'5954048_/_5954032_1'	3.33		3.33	3.33	0.632	0.5	3.33	1.55 No	0.5 Element Fault
SLP072	58	'5991250_/_5991458'		10	10	10	1.888	10	10	4.64 No	1.888 Thermal Discharging
SLP072	59	'43817519_/_5953507'		10	10	10	1.888	6.8	10	4.64 No	1.888 Thermal Discharging
SLP072	60	'5991145_/_5991248'		10	10	10	1.888	10	10	4.64 No	1.888 Thermal Discharging
SLP072	61	'5955855_/_5955852_1'		10	10	10	1.888	1.6	10	4.64 No	1.6 Element Fault
SLP072	62	'5991146_/_5991143'		10	10	10	1.888	10	10	4.64 No	1.888 Thermal Discharging
SLP072	63	'43817877_/_5955852_2'		10	10	10	1.888	1.6	10	4.64 No	1.6 Element Fault
SLP072	64	'5991268_/_43823051'		10	10	10	1.888	10	10	4.64 No	1.888 Thermal Discharging
SLP072	65	'5950852_/_5950850'	3.33		3.33	3.33	0.632	0.5	3.33	1.55 No	0.5 Element Fault
SLP072	66	'5953527_/_5953524'		10	10	10	1.888	6.8	10	4.64 No	1.888 Thermal Discharging
SLP072	67	'5953748_/_5953745'	3.33		3.33	3.33	0.632	0.5	3.33	1.55 No	0.5 Element Fault
SLP072	68	'43817797_/_5953651'		10	10	10	1.888	2.5	10	4.64 No	1.888 Thermal Discharging
SLP072	69	'5991510_/_5991507'		10	10	10	1.888	10	10	4.64 No	1.888 Thermal Discharging
SLP072	70	'5991527_/_5991524'		10	10	10	1.888	10	10	4.64 No	1.888 Thermal Discharging
SLP072	71	'5985872_/_5991541'		10	10	10	1.888	10	10	4.64 No	1.888 Thermal Discharging
SLP072	72	'43820132_/_43820134'		10	10	10	1.888	1.5	10	4.64 No	1.5 Element Fault
SLP072	73	'43817532_/_5953541'		10	10	10	1.888	6.8	10	4.64 No	1.888 Thermal Discharging
SLP072	74	'5985873_/_5985870'		10	10	10	1.888	10	10	4.64 No	1.888 Thermal Discharging
SLP072	75	'43817855_/_5954032_2'	3.33		3.33	3.33	0.632	0.5	3.33	1.55 No	0.5 Element Fault
SLP072	76	'5984552_/_43817879'		10	10	10	1.888	1.6	10	4.64 No	1.6 Element Fault
SLP072	77	'5985799_/_5985887'		10	10	10	1.888	10	10	4.64 No	1.888 Thermal Discharging
SLP072	78	'5953761_/_5953758'	3.33		3.33	3.33	0.632	0.5	3.33	1.55 No	0.5 Element Fault
SLP072	79	'5985907_/_5985904'		10	10	10	1.888	10	10	4.64 No	1.888 Thermal Discharging
SLP072	80	'5953671_/_5953668'		10	10	10	1.888	2.5	10	4.64 No	1.888 Thermal Discharging
SLP072	81	'5950776_/_5950773'		10	10	10	1.888	1.5	10	4.64 No	1.5 Element Fault
SLP072	82	'5985818_/_5985921'		10	10	10	1.888	10	10	4.64 No	1.888 Thermal Discharging
SLP072	83	'5953561_/_43817534'		10	10	10	1.888	6.8	10	4.64 No	1.888 Thermal Discharging
SLP072	84	'5953600_/_5953597'		10	10	10	1.888	6.7	10	4.64 No	1.888 Thermal Discharging
SLP072	85	'5985819_/_5985833_2'		10	10	10	1.888	4.6	10	4.64 No	1.888 Thermal Discharging
SLP072	86	'5953584_/_7104055_1'	3.33		3.33	3.33	0.632	0.5	3.33	1.55 No	0.5 Element Fault
SLP072	87	'8375362_/_8375360_1'		10	10	10	1.888	6.7	10	4.64 No	1.888 Thermal Discharging
SLP072	88	'43823318_/_5985971'		10	10	10	1.888	10	10	4.64 No	1.888 Thermal Discharging
SLP072	89	'43826005_/_5985954'		10	10	10	1.888	10	10	4.64 No	1.888 Thermal Discharging
SLP072	90	'5984553_/_5984550'		10	10	10	1.888	1.6	10	4.64 No	1.6 Element Fault
SLP072	91	'5966667_/_5966664_1'		10	10	10	1.888	10	10	4.64 No	1.888 Thermal Discharging
SLP072	92	'76703463_/_5966664_2'		10	10	10	1.888	10	10	4.64 No	1.888 Thermal Discharging
SLP072	93	'5985776_/_5985796_2'		10	10	10	1.888	3.4	10	4.64 No	1.888 Thermal Discharging
SLP072	94	'76703563_/_5966681'		10	10	10	1.888	10	10	4.64 No	1.888 Thermal Discharging
SLP072	95	'5985473_/_7104055_2'	3.33		3.33	3.33	0.632	0.5	3.33	1.55 No	0.5 Element Fault
SLP072	96	'8060257_/_8375360_2'		10	10	10	1.888	6.7	10	4.64 No	1.888 Thermal Discharging
SLP072	97	'5966253_/_76703458'		10	10	10	1.888	10	10	4.64 No	1.888 Thermal Discharging
SLP072	98	'5985835_/_5985833_1'		10	10	10	1.888	1.5	10	4.64 No	1.5 Element Fault
SLP072	99	'43823305_/_5985796_1'		10	10	10	1.888	3.4	10	4.64 No	1.888 Thermal Discharging
SLP072	100	'5950741_/_5950739'		10	10	10	1.888	1.5	10	4.64 No	1.5 Element Fault
SLP072	101	'76785487_/_8060255'		10	10	10	1.888	6.7	10	4.64 No	1.888 Thermal Discharging
SLP072	102	'403500594_/_76785477'		10	10	10	1.888	6.7	10	4.64 No	1.888 Thermal Discharging
SLP072	103	'5954022_/_43817857'	3.33		3.33	3.33	0.632	0.5	3.33	1.55 No	0.5 Element Fault
SLP072	104	'5966254_/_5966251'		10	10	10	1.888	10	10	4.64 No	1.888 Thermal Discharging
SLP072	105	'43820145_/_5950793'		10	10	10	1.888	1.5	10	4.64 No	1.5 Element Fault
SLP072	106	'5953688_/_5953685'		10	10	10	1.888	2.5	10	4.64 No	1.888 Thermal Discharging
SLP072	107	'76785771_/_76785719'		10	10	10	1.888	6.7	10	4.64 No	1.888 Thermal Discharging
SLP072	108	'5966271_/_5966268'		10	10	10	1.888	10	10	4.64 No	1.888 Thermal Discharging
SLP072	109	'43817810_/_5953771'	3.33		3.33	3.33	0.632	0.5	3.33	1.55 No	0.5 Element Fault
SLP072	110	'5966288_/_5985853'		10	10	10	1.888	10	10	4.64 No	1.888 Thermal Discharging
SLP072	111	'43822726_/_5985471'	3.33		3.33	3.33	0.632	0.5	3.33	1.55 No	0.5 Element Fault
SLP072	112	'5980039_/_5980037_1'	6.67		6.67	6.67	1.256	1	6.67	3.09 No	1 Element Fault
SLP072	113	'5982412_/_5982410'		10	10	10	1.888	10	10	4.64 No	1.888 Thermal Discharging
SLP072	114	'5985681_/_5985773'		10	10	10	1.888	3.4	10	4.64 No	1.888 Thermal Discharging
SLP072	115	'43820119_/_5954308'		10	10	10	1.888	1.5	10	4.64 No	1.5 Element Fault
SLP072	116	'43822818_/_5980037_2'	6.67		6.67	6.67	1.256	1	6.67	3.09 No	1 Element Fault
SLP072	117	'5954009_/_5954019_2'	3.33		3.33	3.33	0.632	0.5	3.33	1.55 No	0.5 Element Fault
SLP072	118	'5991564_/_5991561'		10	10	10	1.888	1.5	10	4.64 No	1.5 Element Fault
SLP072	119	'5990429_/_5990781'		10	10	10	1.888	10	10	4.64 No	1.888 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SLP072	120	'5985698_/_5985708_1'	3.33	3.33	3.33	0.632	0.2	3.33	1.55 No	0.2	Element Fault
SLP072	121	'43822928_/_5984565'	10	10	10	1.888	1.6	10	4.64 No	1.6	Element Fault
SLP072	122	'5990430_/_5991492_1'	6.67	6.67	6.67	1.256	1	6.67	3.09 No	1	Element Fault
SLP072	123	'43817844_/_5954019_1'	3.33	3.33	3.33	0.632	0.5	3.33	1.55 No	0.5	Element Fault
SLP072	124	'5983114_/_5984484'	3.33	3.33	3.33	0.632	0.5	3.33	1.55 No	0.5	Element Fault
SLP072	125	'5990766_/_5990764'	10	10	10	1.888	10	10	4.64 No	1.888	Thermal Discharging
SLP072	126	'5990817_/_5990869'	10	10	10	1.888	10	10	4.64 No	1.888	Thermal Discharging
SLP072	127	'7737537_/_7737535_1'	10	10	10	1.888	10	10	4.64 No	1.888	Thermal Discharging
SLP072	128	'5953705_/_5953702'	10	10	10	1.888	2.5	10	4.64 No	1.888	Thermal Discharging
SLP072	129	'5953787_/_5953784'	3.33	3.33	3.33	0.632	0.5	3.33	1.55 No	0.5	Element Fault
SLP072	130	'43823294_/_5985708_2'	3.33	3.33	3.33	0.632	0.2	3.33	1.55 No	0.2	Element Fault
SLP072	131	'5985486_/_5991492_2'	6.67	6.67	6.67	1.256	1	6.67	3.09 No	1	Element Fault
SLP072	132	'5983115_/_5983112'	3.33	3.33	3.33	0.632	0.5	3.33	1.55 No	0.5	Element Fault
SLP072	133	'5980061_/_5980058'	6.67	6.67	6.67	1.256	1	6.67	3.09 No	1	Element Fault
SLP072	134	'64789629_/_64789588_2'	6.67	6.67	6.67	1.256	1	6.67	3.09 No	1	Element Fault
SLP072	135	'5950816_/_43820147'	10	10	10	1.888	1.5	10	4.64 No	1.5	Element Fault
SLP072	136	'5979962_/_5985721'	3.33	3.33	3.33	0.632	1.1	3.33	1.55 No	0.632	Thermal Discharging
SLP072	137	'5985664_/_5985678'	10	10	10	1.888	3.3	10	4.64 No	1.888	Thermal Discharging
SLP072	138	'5953405_/_5954006'	3.33	3.33	3.33	0.632	0.5	3.33	1.55 No	0.5	Element Fault
SLP072	139	'5954277_/_5954325'	10	10	10	1.888	1.5	10	4.64 No	1.5	Element Fault
SLP072	140	'5984585_/_5984583'	10	10	10	1.888	1.6	10	4.64 No	1.6	Element Fault
SLP072	141	'43817970_/_5953839'	10	10	10	1.888	2.5	10	4.64 No	1.888	Thermal Discharging
SLP072	142	'5966700_/_5980076'	3.33	3.33	3.33	0.632	0.5	3.33	1.55 No	0.5	Element Fault
SLP072	143	'5979949_/_5979959'	3.33	3.33	3.33	0.632	1.1	3.33	1.55 No	0.632	Thermal Discharging
SLP072	144	'43817950_/_5953797'	3.33	3.33	3.33	0.632	0.5	3.33	1.55 No	0.5	Element Fault
SLP072	145	'5953366_/_5953402'	3.33	3.33	3.33	0.632	0.5	3.33	1.55 No	0.5	Element Fault
SLP072	146	'5985737_/_5985734'	3.33	3.33	3.33	0.632	0.2	3.33	1.55 No	0.2	Element Fault
SLP072	147	'5985487_/_5985484'	6.67	6.67	6.67	1.256	1	6.67	3.09 No	1	Element Fault
SLP072	148	'8061965_/_64938815_1'	6.67	6.67	6.67	1.256	0.6	6.67	3.09 No	0.6	Element Fault
SLP072	149	'5985647_/_5985661'	10	10	10	1.888	3.3	10	4.64 No	1.888	Thermal Discharging
SLP072	150	'5983128_/_5983125'	3.33	3.33	3.33	0.632	0.5	3.33	1.55 No	0.5	Element Fault
SLP072	151	'43820106_/_43820108'	10	10	10	1.888	1.5	10	4.64 No	1.5	Element Fault
SLP072	152	'5966701_/_5966698'	3.33	3.33	3.33	0.632	0.5	3.33	1.55 No	0.5	Element Fault
SLP072	153	'5984518_/_7104087'	9.1	10	10	1.888	2.5	10	4.64 No	1.888	Thermal Discharging
SLP072	154	'5953365_/_5953363'	3.33	3.33	3.33	0.632	0.5	3.33	1.55 No	0.5	Element Fault
SLP072	155	'5953235_/_43817961'	3.33	3.33	3.33	0.632	0.5	3.33	1.55 No	0.5	Element Fault
SLP072	156	'5979936_/_5979946'	3.33	3.33	3.33	0.632	1.1	3.33	1.55 No	0.632	Thermal Discharging
SLP072	157	'43823281_/_5985644'	10	10	10	1.888	3.3	10	4.64 No	1.888	Thermal Discharging
SLP072	158	'5985750_/_5985747'	3.33	3.33	3.33	0.632	0.2	3.33	1.55 No	0.2	Element Fault
SLP072	159	'5979975_/_43823272_2'	3.33	3.33	3.33	0.632	1.1	3.33	1.55 No	0.632	Thermal Discharging
SLP072	160	'7737538_/_7737535_2'	10	10	10	1.888	10	10	4.64 No	1.888	Thermal Discharging
SLP072	161	'5991028_/_7737535_3'	10	10	10	1.888	10	10	4.64 No	1.888	Thermal Discharging
SLP072	162	'5991011_/_5991025'	10	10	10	1.888	10	10	4.64 No	1.888	Thermal Discharging
SLP072	163	'43820541_/_5991008'	10	10	10	1.888	10	10	4.64 No	1.888	Thermal Discharging
SLP072	164	'43822916_/_5984619'	9.4	10	10	1.888	1.6	10	4.64 No	1.6	Element Fault
SLP072	165	'5982432_/_5982430'	10	10	10	1.888	10	10	4.64 No	1.888	Thermal Discharging
SLP072	166	'5966491_/_5983644'	10	10	10	1.888	10	10	4.64 No	1.888	Thermal Discharging
SLP072	167	'5984519_/_5984516'	7.2	10	10	1.888	2.5	10	4.64 No	1.888	Thermal Discharging
SLP072	168	'7426832_/_64789588_1'	6.67	6.67	6.67	1.256	0.6	6.67	3.09 No	0.6	Element Fault
SLP072	169	'5985610_/_43823283'	10	10	10	1.888	3.3	10	4.64 No	1.888	Thermal Discharging
SLP072	170	'5985763_/_5985760'	3.33	3.33	3.33	0.632	0.2	3.33	1.55 No	0.2	Element Fault
SLP072	171	'5953980_/_5953990'	3.33	3.33	3.33	0.632	0.5	3.33	1.55 No	0.5	Element Fault
SLP072	172	'5966490_/_5966488'	10	10	10	1.888	10	10	4.64 No	1.888	Thermal Discharging
SLP072	173	'5984502_/_7104071'	3.33	3.33	3.33	0.632	0.5	3.33	1.55 No	0.5	Element Fault
SLP072	174	'43823270_/_43823272_1'	3.33	3.33	3.33	0.632	0.2	3.33	1.55 No	0.2	Element Fault
SLP072	175	'5953379_/_5953376'	3.33	3.33	3.33	0.632	0.5	3.33	1.55 No	0.5	Element Fault
SLP072	176	'43822737_/_5983138'	3.33	3.33	3.33	0.632	0.5	3.33	1.55 No	0.5	Element Fault
SLP072	177	'8061966_/_64938815_2'	6.67	6.67	6.67	1.256	0.6	6.67	3.09 No	0.6	Element Fault
SLP072	178	'5980930_/_5980927_1'	10	10	10	1.888	1.5	10	4.64 No	1.5	Element Fault
SLP072	179	'5966456_/_5982393'	10	10	10	1.888	10	10	4.64 No	1.888	Thermal Discharging
SLP072	180	'5982362_/_5982376'	10	10	10	1.888	10	10	4.64 No	1.888	Thermal Discharging
SLP072	181	'5985590_/_5985607'	10	10	10	1.888	3.3	10	4.64 No	1.888	Thermal Discharging
SLP072	182	'5966473_/_5980927_2'	10	10	10	1.888	1.5	10	4.64 No	1.5	Element Fault
SLP072	183	'5982345_/_5982359'	10	10	10	1.888	10	10	4.64 No	1.888	Thermal Discharging
SLP072	184	'5979881_/_5979933'	3.33	3.33	3.33	0.632	1.1	3.33	1.55 No	0.632	Thermal Discharging
SLP072	185	'5982328_/_5982342'	10	10	10	1.888	10	10	4.64 No	1.888	Thermal Discharging
SLP072	186	'5982311_/_5982325'	10	10	10	1.888	10	10	4.64 No	1.888	Thermal Discharging
SLP072	187	'5966206_/_43822918'	6.6	10	10	1.888	1.6	10	4.64 No	1.6	Element Fault
SLP072	188	'43822854_/_5984533'	5.7	10	10	1.888	2.5	10	4.64 No	1.888	Thermal Discharging
SLP072	189	'43820565_/_5966454'	3.33	3.33	3.33	0.632	1.1	3.33	1.55 No	0.632	Thermal Discharging
SLP072	190	'5982294_/_5982308'	10	10	10	1.888	10	10	4.64 No	1.888	Thermal Discharging
SLP072	191	'5966601_/_5985941'	3.33	3.33	3.33	0.632	0.2	3.33	1.55 No	0.2	Element Fault
SLP072	192	'5982277_/_5982291'	10	10	10	1.888	10	10	4.64 No	1.888	Thermal Discharging
SLP072	193	'5980733_/_5980873'	10	10	10	1.888	3.4	10	4.64 No	1.888	Thermal Discharging
SLP072	194	'5984503_/_5984500'	2.87	3.33	3.33	0.632	0.5	3.33	1.55 No	0.5	Element Fault
SLP072	195	'5980291_/_5982274'	10	10	10	1.888	10	10	4.64 No	1.888	Thermal Discharging
SLP072	196	'5966205_/_5966203'	6.1	10	10	1.888	1.6	10	4.64 No	1.6	Element Fault
SLP072	197	'5979894_/_5979891'	3.33	3.33	3.33	0.632	1	3.33	1.55 No	0.632	Thermal Discharging
SLP072	198	'5980001_/_5979985'	3.33	3.33	3.33	0.632	0.2	3.33	1.55 No	0.2	Element Fault
SLP072	199	'5980896_/_5980910_1'	10	10	10	1.888	1.5	10	4.64 No	1.5	Element Fault
SLP072	200	'5966236_/_5966233'	3.93	6.67	6.67	1.256	1.07	6.67	3.09 No	1.07	Element Fault
SLP072	201	'43817821_/_43817823'	3	3.33	3.33	0.632	0.5	3.33	1.55 No	0.5	Element Fault
SLP072	202	'5985573_/_5985587'	10	10	10	1.888	3.3	10	4.64 No	1.888	Thermal Discharging
SLP072	203	'5982929_/_5982943'	10	10	10	1.888	10	10	4.64 No	1.888	Thermal Discharging
SLP072	204	'5980292_/_5980305_1'	3.33	3.33	3.33	0.632	0.5	3.33	1.55 No	0.5	Element Fault
SLP072	205	'57041878_/_57041521_1'	3.33	3.33	3.33	0.632	0.5	3.33	1.55 No	0.5	Element Fault
SLP072	206	'5980963_/_5980927_3'	10	10	10	1.888	1.5	10	4.64 No	1.5	Element Fault
SLP072	207	'5979880_/_5979878'	3.33	3.33	3.33	0.632	1	3.33	1.55 No	0.632	Thermal Discharging
SLP072	208	'5982912_/_5982926'	10	10	10	1.888	10	10	4.64 No	1.888	Thermal Discharging
SLP072	209	'43825779_/_5966470'	6.67	6.67	6.67	1.256	1	6.67	3.09 No	1	Element Fault
SLP072	210	'45081315_/_5983151'	3.33	3.33	3.33	0.632	0.5	3.33	1.55 No	0.5	Element Fault
SLP072	211	'5981906_/_5982909'	10	10	10	1.888	10	10	4.64 No	1.888	Thermal Discharging
SLP072	212	'5966457_/_43820567'	3.33	3.33	3.33	0.632	1.1	3.33	1.55 No	0.632	Thermal Discharging
SLP072	213	'5985538_/_5985570'	8.3	10	10	1.888	3.3	10	4.64 No	1.888	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SLP072	214	'5982878_/_114349268_2'	10		10	1.888	10	10	4.64 No	1.888	Thermal Discharging
SLP072	215	'114349266_/_114349268_1'	10		10	1.888	10	10	4.64 No	1.888	Thermal Discharging
SLP072	216	'43820576_/_5980910_2'	10		10	1.888	1.5	10	4.64 No	1.5	Element Fault
SLP072	217	'43821342_/_5982892'	10		10	1.888	10	10	4.64 No	1.888	Thermal Discharging
SLP072	218	'5981907_/_5981933_1'	3.33		3.33	0.632	0.5	3.33	1.55 No	0.5	Element Fault
SLP072	219	'626471187_/_5982858_2'	10		10	1.888	10	10	4.64 No	1.888	Thermal Discharging
SLP072	220	'5966602_/_5966599'	3.33		3.33	0.632	0.2	3.33	1.55 No	0.2	Element Fault
SLP072	221	'57041746_/_57041521_2'	3.33		3.33	0.632	0.5	3.33	1.55 No	0.5	Element Fault
SLP072	222	'5982844_/_5982858_1'	10		10	1.888	10	10	4.64 No	1.888	Thermal Discharging
SLP072	223	'5984603_/_5984601'	5.2		10	1.888	1.6	10	4.64 No	1.6	Element Fault
SLP072	224	'43823259_/_5979904'	3.33		3.33	0.632	1	3.33	1.55 No	0.632	Thermal Discharging
SLP072	225	'5992232_/_43822856'	4.7		10	1.888	2.5	10	4.64 No	1.888	Thermal Discharging
SLP072	226	'5981919_/_5981933_2'	3.33		3.33	0.632	0.5	3.33	1.55 No	0.5	Element Fault
SLP072	227	'5982827_/_5982841'	10		10	1.888	10	10	4.64 No	1.888	Thermal Discharging
SLP072	228	'560346447_/_43822906'	5.2		10	1.888	1.6	10	4.64 No	1.6	Element Fault
SLP072	229	'454681670_/_454681547_2'	3.33		3.33	0.632	1.4	3.33	1.55 No	0.632	Thermal Discharging
SLP072	230	'5981783_/_5982824'	10		10	1.888	10	10	4.64 No	1.888	Thermal Discharging
SLP072	231	'5985520_/_5985535'	4.6		6.67	1.256	2.2	6.67	3.09 No	1.256	Thermal Discharging
SLP072	232	'7426833_/_7426830'	6.67		6.67	1.256	0.6	6.67	3.09 No	0.6	Element Fault
SLP072	233	'5966507_/_5980011'	3.33		3.33	0.632	0.2	3.33	1.55 No	0.2	Element Fault
SLP072	234	'5980981_/_5980978'	10		10	1.888	1.5	10	4.64 No	1.5	Element Fault
SLP072	235	'462307570_/_462307326_1'	3.33		3.33	0.632	0.5	3.33	1.55 No	0.5	Element Fault
SLP072	236	'5981632_/_5982807'	10		10	1.888	10	10	4.64 No	1.888	Thermal Discharging
SLP072	237	'43820554_/_5980305_2'	3.33		3.33	0.632	0.5	3.33	1.55 No	0.5	Element Fault
SLP072	238	'5980772_/_43820578'	10		10	1.888	1.5	10	4.64 No	1.5	Element Fault
SLP072	239	'5979708_/_5985550'	6.6		10	1.888	3.3	10	4.64 No	1.888	Thermal Discharging
SLP072	240	'5980308_/_43820556'	3.33		3.33	0.632	0.5	3.33	1.55 No	0.5	Element Fault
SLP072	241	'5966628_/_5966625'	3.23		3.33	0.632	0.2	3.33	1.55 No	0.2	Element Fault
SLP072	242	'5984649_/_560346451'	4.9		10	1.888	1.6	10	4.64 No	1.6	Element Fault
SLP072	243	'5982776_/_5982790'	10		10	1.888	10	10	4.64 No	1.888	Thermal Discharging
SLP072	244	'568439943_/_568439895_1'	10		10	1.888	0.9	10	4.64 No	0.9	Element Fault
SLP072	245	'5981619_/_5981616_2'	3.33		3.33	0.632	1.1	3.33	1.55 No	0.632	Thermal Discharging
SLP072	246	'5953350_/_5953964'	2.2		3.33	0.632	0.5	3.33	1.55 No	0.5	Element Fault
SLP072	247	'8062002_/_8376582_1'	3.33		3.33	0.632	0.3	3.33	1.55 No	0.3	Element Fault
SLP072	248	'5990636_/_54560186'	3.33		3.33	0.632	0.5	3.33	1.55 No	0.5	Element Fault
SLP072	249	'9004667_/_9004665_1'	6.67		6.67	1.256	1	6.67	3.09 No	1	Element Fault
SLP072	250	'43821329_/_43821331'	10		10	1.888	10	10	4.64 No	1.888	Thermal Discharging
SLP072	251	'43825768_/_5966415'	3.33		3.33	0.632	0.5	3.33	1.55 No	0.5	Element Fault
SLP072	252	'5981920_/_5981933_3'	3.33		3.33	0.632	0.5	3.33	1.55 No	0.5	Element Fault
SLP072	253	'5980732_/_5980730_2'	3.33		3.33	0.632	1	3.33	1.55 No	0.632	Thermal Discharging
SLP072	254	'5981564_/_5982756'	10		10	1.888	10	10	4.64 No	1.888	Thermal Discharging
SLP072	255	'8376585_/_8376582_2'	3.33		3.33	0.632	0.3	3.33	1.55 No	0.3	Element Fault
SLP072	256	'5982725_/_5982739'	10		10	1.888	10	10	4.64 No	1.888	Thermal Discharging
SLP072	257	'5979521_/_5979705'	6		10	1.888	3.3	10	4.64 No	1.888	Thermal Discharging
SLP072	258	'5982708_/_5982722'	10		10	1.888	10	10	4.64 No	1.888	Thermal Discharging
SLP072	259	'5966615_/_43825983'	2.47		3.33	0.632	0.2	3.33	1.55 No	0.2	Element Fault
SLP072	260	'5983453_/_5992230'	4.1		10	1.888	2.5	10	4.64 No	1.888	Thermal Discharging
SLP072	261	'5979605_/_5979603_2'	2		3.33	0.632	1.1	3.33	1.55 No	0.632	Thermal Discharging
SLP072	262	'43820637_/_5980730_1'	3.33		3.33	0.632	1	3.33	1.55 No	0.632	Thermal Discharging
SLP072	263	'43823264_/_43823261'	2.4		3.33	0.632	1	3.33	1.55 No	0.632	Thermal Discharging
SLP072	264	'5981673_/_5982705'	10		10	1.888	10	10	4.64 No	1.888	Thermal Discharging
SLP072	265	'568439874_/_568439895_2'	10		10	1.888	0.9	10	4.64 No	0.9	Element Fault
SLP072	266	'5981729_/_5981739_1'	3.33		3.33	0.632	0.5	3.33	1.55 No	0.5	Element Fault
SLP072	267	'74083039_/_5990633'	3.33		3.33	0.632	0.5	3.33	1.55 No	0.5	Element Fault
SLP072	268	'5982674_/_5982688'	10		10	1.888	10	10	4.64 No	1.888	Thermal Discharging
SLP072	269	'5984637_/_5984665'	1.47		3.33	0.632	0.53	3.33	1.55 No	0.53	Element Fault
SLP072	270	'5979593_/_5979603_1'	2.03		3.33	0.632	0.2	3.33	1.55 No	0.2	Element Fault
SLP072	271	'471837344_/_43821263_2'	3.33		3.33	0.632	1	3.33	1.55 No	0.632	Thermal Discharging
SLP072	272	'43823037_/_43823039'	3.73		6.67	1.256	2.2	6.67	3.09 No	1.256	Thermal Discharging
SLP072	273	'155065657_/_155058494_1'	10		10	1.888	1.5	10	4.64 No	1.5	Element Fault
SLP072	274	'5979501_/_5979518'	5.5		10	1.888	3.3	10	4.64 No	1.888	Thermal Discharging
SLP072	275	'5980789_/_5980786'	10		10	1.888	1.5	10	4.64 No	1.5	Element Fault
SLP072	276	'5981647_/_5982671'	10		10	1.888	10	10	4.64 No	1.888	Thermal Discharging
SLP072	277	'5953349_/_5953347'	1.87		3.33	0.632	0.5	3.33	1.55 No	0.5	Element Fault
SLP072	278	'7737392_/_9629257_1'	10		10	1.888	0.9	10	4.64 No	0.9	Element Fault
SLP072	279	'5981949_/_5981946'	3.33		3.33	0.632	0.5	3.33	1.55 No	0.5	Element Fault
SLP072	280	'5982640_/_5982654'	10		10	1.888	10	10	4.64 No	1.888	Thermal Discharging
SLP072	281	'5966641_/_5966638'	2.17		3.33	0.632	0.2	3.33	1.55 No	0.2	Element Fault
SLP072	282	'5966392_/_5966402'	3.33		3.33	0.632	0.5	3.33	1.55 No	0.5	Element Fault
SLP072	283	'43825959_/_5966505'	2.17		3.33	0.632	0.2	3.33	1.55 No	0.2	Element Fault
SLP072	284	'5981674_/_5981671'	3.33		3.33	0.632	1.1	3.33	1.55 No	0.632	Thermal Discharging
SLP072	285	'5983454_/_5983451'	3.9		10	1.888	2.5	10	4.64 No	1.888	Thermal Discharging
SLP072	286	'9629260_/_9629257_2'	10		10	1.888	0.9	10	4.64 No	0.9	Element Fault
SLP072	287	'5982623_/_5982637'	10		10	1.888	10	10	4.64 No	1.888	Thermal Discharging
SLP072	288	'5981648_/_5981658_1'	3.33		3.33	0.632	0.5	3.33	1.55 No	0.5	Element Fault
SLP072	289	'9319047_/_9319044_2'	10		10	1.888	4.3	10	4.64 No	1.888	Thermal Discharging
SLP072	290	'462307307_/_462307326_2'	3.33		3.33	0.632	0.5	3.33	1.55 No	0.5	Element Fault
SLP072	291	'5981687_/_5981697_1'	3.33		3.33	0.632	0.5	3.33	1.55 No	0.5	Element Fault
SLP072	292	'5981618_/_5981616_1'	3.33		3.33	0.632	0.5	3.33	1.55 No	0.5	Element Fault
SLP072	293	'5982136_/_5982620'	10		10	1.888	10	10	4.64 No	1.888	Thermal Discharging
SLP072	294	'9004668_/_9004665_2'	6.67		6.67	1.256	1	6.67	3.09 No	1	Element Fault
SLP072	295	'5966379_/_5966389'	3.33		3.33	0.632	0.5	3.33	1.55 No	0.5	Element Fault
SLP072	296	'5981661_/_5981658_2'	3.33		3.33	0.632	0.5	3.33	1.55 No	0.5	Element Fault
SLP072	297	'5979580_/_5979590'	1.87		3.33	0.632	0.2	3.33	1.55 No	0.2	Element Fault
SLP072	298	'155060606_/_155058517'	6.67		6.67	1.256	1	6.67	3.09 No	1	Element Fault
SLP072	299	'43821316_/_5982603'	10		10	1.888	10	10	4.64 No	1.888	Thermal Discharging
SLP072	300	'155058513_/_155058494_2'	10		10	1.888	1.5	10	4.64 No	1.5	Element Fault
SLP072	301	'5981122_/_5982586'	10		10	1.888	10	10	4.64 No	1.888	Thermal Discharging
SLP072	302	'5979481_/_5979498'	4.8		10	1.888	3.3	10	4.64 No	1.888	Thermal Discharging
SLP072	303	'110479441_/_110479381_1'	3.33		3.33	0.632	0.6	3.33	1.55 No	0.6	Element Fault
SLP072	304	'5982552_/_5982566'	10		10	1.888	10	10	4.64 No	1.888	Thermal Discharging
SLP072	305	'5979693_/_5985502'	3.2		6.67	1.256	2.2	6.67	3.09 No	1.256	Thermal Discharging
SLP072	306	'9004650_/_64938829'	3.73		6.67	1.256	0.6	6.67	3.09 No	0.6	Element Fault
SLP072	307	'114310559_/_43822869'	3.5		10	1.888	2.5	10	4.64 No	1.888	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
											VSR (MW)	Limiting Threshold
SLP072	308	'5981742_/_5981739_2'	3.33		3.33	3.33	0.632	0.5	3.33	1.55 No	0.5	Element Fault
SLP072	309	'5966654_/_5966651'	1.83		3.33	3.33	0.632	0.2	3.33	1.55 No	0.2	Element Fault
SLP072	310	'43820970_/_5982549'	10		10	10	1.888	10	10	4.64 No	1.888	Thermal Discharging
SLP072	311	'43822893_/_5984634'	1.27		3.33	3.33	0.632	0.53	3.33	1.55 No	0.53	Element Fault
SLP072	312	'43820589_/_5980806'	7		10	10	1.888	1.5	10	4.64 No	1.5	Element Fault
SLP072	313	'5966521_/_43825961'	1.83		3.33	3.33	0.632	0.2	3.33	1.55 No	0.2	Element Fault
SLP072	314	'5981700_/_5981697_2'	3.33		3.33	3.33	0.632	0.5	3.33	1.55 No	0.5	Element Fault
SLP072	315	'5979621_/_5980144'	1.7		3.33	3.33	0.632	0.2	3.33	1.55 No	0.2	Element Fault
SLP072	316	'43821261_/_43821263_1'	3.33		3.33	3.33	0.632	0.9	3.33	1.55 No	0.632	Thermal Discharging
SLP072	317	'5982518_/_5982532'	10		10	10	1.888	10	10	4.64 No	1.888	Thermal Discharging
SLP072	318	'5979396_/_5979478'	4.5		10	10	1.888	3.3	10	4.64 No	1.888	Thermal Discharging
SLP072	319	'5980641_/_5980860'	3.33		3.33	3.33	0.632	1	3.33	1.55 No	0.632	Thermal Discharging
SLP072	320	'5981551_/_5981548_1'	3.33		3.33	3.33	0.632	0.9	3.33	1.55 No	0.632	Thermal Discharging
SLP072	321	'473275128_/_5981548_2'	3.33		3.33	3.33	0.632	0.9	3.33	1.55 No	0.632	Thermal Discharging
SLP072	322	'110479451_/_110479381_2'	3.33		3.33	3.33	0.632	0.4	3.33	1.55 No	0.4	Element Fault
SLP072	323	'5981174_/_5982515'	10		10	10	1.888	10	10	4.64 No	1.888	Thermal Discharging
SLP072	324	'43826670_/_43826672'	3.33		3.33	3.33	0.632	0.5	3.33	1.55 No	0.5	Element Fault
SLP072	325	'5981149_/_110479381_3'	3.33		3.33	3.33	0.632	0.4	3.33	1.55 No	0.4	Element Fault
SLP072	326	'5979395_/_5979393'	2.93		6.67	6.67	1.256	0.4	6.67	3.09 No	0.4	Element Fault
SLP072	327	'155058497_/_155060610'	10		10	10	1.888	1.5	10	4.64 No	1.5	Element Fault
SLP072	328	'5982484_/_5982498'	10		10	10	1.888	10	10	4.64 No	1.888	Thermal Discharging
SLP072	329	'43826535_/_5984678'	3.33		3.33	3.33	0.632	0.5	3.33	1.55 No	0.5	Element Fault
SLP072	330	'5979567_/_5979577'	1.63		3.33	3.33	0.632	0.2	3.33	1.55 No	0.2	Element Fault
SLP072	331	'5981175_/_5981188_1'	3.33		3.33	3.33	0.632	0.5	3.33	1.55 No	0.5	Element Fault
SLP072	332	'5979381_/_5980157'	2.87		6.67	6.67	1.256	0.4	6.67	3.09 No	0.4	Element Fault
SLP072	333	'5966366_/_5966376'	2.2		3.33	3.33	0.632	0.5	3.33	1.55 No	0.5	Element Fault
SLP072	334	'5982467_/_5982481'	10		10	10	1.888	10	10	4.64 No	1.888	Thermal Discharging
SLP072	335	'43821205_/_43821207'	6.67		6.67	6.67	1.256	1.9	6.67	3.09 No	1.256	Thermal Discharging
SLP072	336	'5982450_/_5982464'	10		10	10	1.888	10	10	4.64 No	1.888	Thermal Discharging
SLP072	337	'5979678_/_5979690'	2.8		6.67	6.67	1.256	2.2	6.67	3.09 No	1.256	Thermal Discharging
SLP072	338	'234111467_/_643067534'	10		10	10	1.888	1.5	10	4.64 No	1.5	Element Fault
SLP072	339	'5982449_/_5982447'	10		10	10	1.888	10	10	4.64 No	1.888	Thermal Discharging
SLP072	340	'43820602_/_5980823'	5.6		10	10	1.888	1.5	10	4.64 No	1.5	Element Fault
SLP072	341	'5979622_/_5979619'	1.53		3.33	3.33	0.632	0.2	3.33	1.55 No	0.2	Element Fault
SLP072	342	'5966563_/_5966560'	1.6		3.33	3.33	0.632	0.2	3.33	1.55 No	0.2	Element Fault
SLP072	343	'5979447_/_5979461'	4.1		10	10	1.888	3.3	10	4.64 No	1.888	Thermal Discharging
SLP072	344	'5982121_/_43821195_2'	6.67		6.67	6.67	1.256	1.9	6.67	3.09 No	1.256	Thermal Discharging
SLP072	345	'5991921_/_5981120_1'	3.33		3.33	3.33	0.632	1	3.33	1.55 No	0.632	Thermal Discharging
SLP072	346	'5984372_/_5984370'	10		10	10	1.888	10	10	4.64 No	1.888	Thermal Discharging
SLP072	347	'5985366_/_5985364'	10		10	10	1.888	10	10	4.64 No	1.888	Thermal Discharging
SLP072	348	'5966534_/_5966531'	1.57		3.33	3.33	0.632	0.2	3.33	1.55 No	0.2	Element Fault
SLP072	349	'5953248_/_7104107'	1.13		3.33	3.33	0.632	0.53	3.33	1.55 No	0.53	Element Fault
SLP072	350	'5979363_/_5979378'	2.67		6.67	6.67	1.256	0.4	6.67	3.09 No	0.4	Element Fault
SLP072	351	'5981191_/_5981188_2'	3.33		3.33	3.33	0.632	0.5	3.33	1.55 No	0.5	Element Fault
SLP072	352	'43820648_/_5980652'	2.7		3.33	3.33	0.632	1	3.33	1.55 No	0.632	Thermal Discharging
SLP072	353	'5985421_/_5985438'	10		10	10	1.888	10	10	4.64 No	1.888	Thermal Discharging
SLP072	354	'5981713_/_5981710'	3.33		3.33	3.33	0.632	0.5	3.33	1.55 No	0.5	Element Fault
SLP072	355	'5991908_/_5981120_2'	3.33		3.33	3.33	0.632	1	3.33	1.55 No	0.632	Thermal Discharging
SLP072	356	'9319046_/_9319044_1'	10		10	10	1.888	1.5	10	4.64 No	1.5	Element Fault
SLP072	357	'43820957_/_43820959'	10		10	10	1.888	10	10	4.64 No	1.888	Thermal Discharging
SLP072	358	'43823002_/_5979564'	1.47		3.33	3.33	0.632	0.2	3.33	1.55 No	0.2	Element Fault
SLP072	359	'5966576_/_5966573'	1.5		3.33	3.33	0.632	0.2	3.33	1.55 No	0.2	Element Fault
SLP072	360	'8061983_/_9004647_1'	2.87		6.67	6.67	1.256	0.6	6.67	3.09 No	0.6	Element Fault
SLP072	361	'5983292_/_5983485'	3		10	10	1.888	2.5	10	4.64 No	1.888	Thermal Discharging
SLP072	362	'43821355_/_5981752'	3.33		3.33	3.33	0.632	0.5	3.33	1.55 No	0.5	Element Fault
SLP072	363	'43826540_/_43826537'	3.33		3.33	3.33	0.632	0.5	3.33	1.55 No	0.5	Element Fault
SLP072	364	'5979430_/_5979444'	3.8		10	10	1.888	3.3	10	4.64 No	1.888	Thermal Discharging
SLP072	365	'5979663_/_5979675'	2.53		6.67	6.67	1.256	2.2	6.67	3.09 No	1.256	Thermal Discharging
SLP072	366	'454681508_/_454681547_1'	3.33		3.33	3.33	0.632	0.5	3.33	1.55 No	0.5	Element Fault
SLP072	367	'5979635_/_5979632'	1.4		3.33	3.33	0.632	0.2	3.33	1.55 No	0.2	Element Fault
SLP072	368	'5985384_/_5985401'	10		10	10	1.888	10	10	4.64 No	1.888	Thermal Discharging
SLP072	369	'5981606_/_5986079'	3.33		3.33	3.33	0.632	0.5	3.33	1.55 No	0.5	Element Fault
SLP072	370	'5979362_/_5979360'	2.47		6.67	6.67	1.256	0.4	6.67	3.09 No	0.4	Element Fault
SLP072	371	'5985383_/_5985381'	10		10	10	1.888	10	10	4.64 No	1.888	Thermal Discharging
SLP072	372	'5966365_/_5966363'	1.67		3.33	3.33	0.632	0.5	3.33	1.55 No	0.5	Element Fault
SLP072	373	'5966589_/_5966586'	1.4		3.33	3.33	0.632	0.2	3.33	1.55 No	0.2	Element Fault
SLP072	374	'6047094_/_7104431'	10		10	10	1.888	10	10	4.64 No	1.888	Thermal Discharging
SLP072	375	'5979413_/_5980118'	1.33		3.33	3.33	0.632	0.2	3.33	1.55 No	0.2	Element Fault
SLP072	376	'6047093_/_6047091'	10		10	10	1.888	10	10	4.64 No	1.888	Thermal Discharging
SLP072	377	'5953247_/_5953245'	1.03		3.33	3.33	0.632	0.53	3.33	1.55 No	0.53	Element Fault
SLP072	378	'5980843_/_43820604'	4.4		10	10	1.888	1.5	10	4.64 No	1.5	Element Fault
SLP072	379	'5981162_/_5981159'	3.33		3.33	3.33	0.632	0.4	3.33	1.55 No	0.4	Element Fault
SLP072	380	'6047165_/_6047182'	10		10	10	1.888	10	10	4.64 No	1.888	Thermal Discharging
SLP072	381	'6047148_/_6047162'	10		10	10	1.888	10	10	4.64 No	1.888	Thermal Discharging
SLP072	382	'6047131_/_6047145'	10		10	10	1.888	10	10	4.64 No	1.888	Thermal Discharging
SLP072	383	'5966547_/_5966544'	1.33		3.33	3.33	0.632	0.2	3.33	1.55 No	0.2	Element Fault
SLP072	384	'5983293_/_5983290'	2.8		10	10	1.888	2.5	10	4.64 No	1.888	Thermal Discharging
SLP072	385	'43823025_/_43823027'	2.33		6.67	6.67	1.256	2.2	6.67	3.09 No	1.256	Thermal Discharging
SLP072	386	'6047114_/_6047128'	10		10	10	1.888	10	10	4.64 No	1.888	Thermal Discharging
SLP072	387	'6047202_/_6047199'	10		10	10	1.888	1.5	10	4.64 No	1.5	Element Fault
SLP072	388	'5979541_/_5979551'	1.3		3.33	3.33	0.632	0.2	3.33	1.55 No	0.2	Element Fault
SLP072	389	'5981537_/_5981535'	3.33		3.33	3.33	0.632	0.9	3.33	1.55 No	0.632	Thermal Discharging
SLP072	390	'43821193_/_43821195_1'	4		6.67	6.67	1.256	1	6.67	3.09 No	1	Element Fault
SLP072	391	'43836460_/_6047111'	10		10	10	1.888	10	10	4.64 No	1.888	Thermal Discharging
SLP072	392	'5981605_/_5981603'	3.33		3.33	3.33	0.632	0.5	3.33	1.55 No	0.5	Element Fault
SLP072	393	'44884866_/_5981768'	2.8		3.33	3.33	0.632	0.5	3.33	1.55 No	0.5	Element Fault
SLP072	394	'5983505_/_5983517'	2.27		6.67	6.67	1.256	0.4	6.67	3.09 No	0.4	Element Fault
SLP072	395	'43825757_/_43825759'	1.47		3.33	3.33	0.632	0.5	3.33	1.55 No	0.5	Element Fault
SLP072	396	'5991907_/_5991905'	3.33		3.33	3.33	0.632	1	3.33	1.55 No	0.632	Thermal Discharging
SLP072	397	'5979429_/_5979427'	3.3		10	10	1.888	3.3	10	4.64 No	1.888	Thermal Discharging
SLP072	398	'43836446_/_43836448'	10		10	10	1.888	10	10	4.64 No	1.888	Thermal Discharging
SLP072	399	'114310525_/_5994668'	2.7		10	10	1.888	2.5	10	4.64 No	1.888	Thermal Discharging
SLP072	400	'5994671_/_7427292_1'	2.7		10	10	1.888	1.6	10	4.64 No	1.6	Element Fault
SLP072	401	'5953816_/_5953826'	0.97		3.33	3.33	0.632	0.53	3.33	1.55 No	0.53	Element Fault

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SLP072	402	'5983428_/_5983438_2'	1.1	3.33	3.33	0.632	1.1	3.33	1.55 No	0.632	Thermal Discharging
SLP072	403	'5980091_/_5983438_1'	1.1	3.33	3.33	0.632	0.2	3.33	1.55 No	0.2	Element Fault
SLP072	404	'5979540_/_5979538'	1.2	3.33	3.33	0.632	0.2	3.33	1.55 No	0.2	Element Fault
SLP072	405	'7427295_/_7427292_2'	2.6	10	10	1.888	1.6	10	4.64 No	1.6	Element Fault
SLP072	406	'5980092_/_5980089'	1.1	3.33	3.33	0.632	0.2	3.33	1.55 No	0.2	Element Fault
SLP072	407	'8371513_/_8371510'	1.73	6.67	6.67	1.256	1.07	6.67	3.09 No	1.07	Element Fault
SLP072	408	'5981457_/_5981454'	2.1	3.33	3.33	0.632	0.4	3.33	1.55 No	0.4	Element Fault
SLP072	409	'43823248_/_5979411'	1.17	3.33	3.33	0.632	0.2	3.33	1.55 No	0.2	Element Fault
SLP072	410	'5979647_/_5979645'	2.13	6.67	6.67	1.256	2.1	6.67	3.09 No	1.256	Thermal Discharging
SLP072	411	'5980026_/_5980024'	1.2	3.33	3.33	0.632	0.2	3.33	1.55 No	0.2	Element Fault
SLP072	412	'5983381_/_5983395'	3.1	10	10	1.888	3.2	10	4.64 No	1.888	Thermal Discharging
SLP072	413	'43821250_/_43821252'	2.4	3.33	3.33	0.632	0.9	3.33	1.55 No	0.632	Thermal Discharging
SLP072	414	'5966350_/_5966428'	1.33	3.33	3.33	0.632	0.5	3.33	1.55 No	0.5	Element Fault
SLP072	415	'5983504_/_43822992'	2.07	6.67	6.67	1.256	0.4	6.67	3.09 No	0.4	Element Fault
SLP072	416	'5953815_/_5953813'	0.93	3.33	3.33	0.632	0.53	3.33	1.55 No	0.53	Element Fault
SLP072	417	'5966713_/_5981201'	2.03	3.33	3.33	0.632	0.5	3.33	1.55 No	0.5	Element Fault
SLP072	418	'7739386_/_7739383'	10	10	10	1.888	1.5	10	4.64 No	1.5	Element Fault
SLP072	419	'5981441_/_5981438'	1.67	3.33	3.33	0.632	0.4	3.33	1.55 No	0.4	Element Fault
SLP072	420	'5983330_/_5983378'	2.9	10	10	1.888	3.2	10	4.64 No	1.888	Thermal Discharging
SLP072	421	'5979336_/_5980105'	1.07	3.33	3.33	0.632	0.2	3.33	1.55 No	0.2	Element Fault
SLP072	422	'43820660_/_43820650'	1.57	3.33	3.33	0.632	1	3.33	1.55 No	0.632	Thermal Discharging
SLP072	423	'5983948_/_5983960'	2.87	6.67	6.67	1.256	1	6.67	3.09 No	1	Element Fault
SLP072	424	'5984020_/_5984030'	2.03	3.33	3.33	0.632	0.9	3.33	1.55 No	0.632	Thermal Discharging
SLP072	425	'5983414_/_5983412'	1.07	3.33	3.33	0.632	0.2	3.33	1.55 No	0.2	Element Fault
SLP072	426	'5966337_/_5966347'	1.2	3.33	3.33	0.632	0.5	3.33	1.55 No	0.5	Element Fault
SLP072	427	'5979414_/_43823250'	1.07	3.33	3.33	0.632	0.2	3.33	1.55 No	0.2	Element Fault
SLP072	428	'467329022_/_454681586'	1.77	3.33	3.33	0.632	0.5	3.33	1.55 No	0.5	Element Fault
SLP072	429	'43821228_/_5981467'	1.6	3.33	3.33	0.632	0.4	3.33	1.55 No	0.4	Element Fault
SLP072	430	'43820994_/_5981214'	1.67	3.33	3.33	0.632	0.5	3.33	1.55 No	0.5	Element Fault
SLP072	431	'335102896_/_335102900'	2.3	10	10	1.888	1.6	10	4.64 No	1.6	Element Fault
SLP072	432	'8688136_/_8688134'	5.3	10	10	1.888	1.5	10	4.64 No	1.5	Element Fault
SLP072	433	'335102969_/_335103027'	2.3	10	10	1.888	1.6	10	4.64 No	1.6	Element Fault
SLP072	434	'335102944_/_335102966'	2.3	10	10	1.888	1.6	10	4.64 No	1.6	Element Fault
SLP072	435	'335102953_/_335102950'	2.3	10	10	1.888	1.6	10	4.64 No	1.6	Element Fault
SLP072	436	'335102961_/_335102958'	2.3	10	10	1.888	1.6	10	4.64 No	1.6	Element Fault
SLP072	437	'335102945_/_335104018'	2.3	10	10	1.888	1.6	10	4.64 No	1.6	Element Fault
SLP072	438	'5983994_/_5991970'	1.6	3.33	3.33	0.632	1	3.33	1.55 No	0.632	Thermal Discharging
SLP072	439	'43822979_/_5979334'	1	3.33	3.33	0.632	0.2	3.33	1.55 No	0.2	Element Fault
SLP072	440	'8062489_/_8062487'	0.9	3.33	3.33	0.632	0.53	3.33	1.55 No	0.53	Element Fault
SLP072	441	'335103073_/_335103115'	2.3	10	10	1.888	1.6	10	4.64 No	1.6	Element Fault
SLP072	442	'5983930_/_5983945'	2.53	6.67	6.67	1.256	1	6.67	3.09 No	1	Element Fault
SLP072	443	'5981525_/_5984017'	1.77	3.33	3.33	0.632	0.9	3.33	1.55 No	0.632	Thermal Discharging
SLP072	444	'8376601_/_335103260'	2.2	10	10	1.888	1.6	10	4.64 No	1.6	Element Fault
SLP072	445	'5981482_/_43821230'	1.4	3.33	3.33	0.632	0.4	3.33	1.55 No	0.4	Element Fault
SLP072	446	'5981217_/_43820996'	1.43	3.33	3.33	0.632	0.5	3.33	1.55 No	0.5	Element Fault
SLP072	447	'155060636_/_155060654'	3.33	3.33	3.33	0.632	0.5	3.33	1.55 No	0.5	Element Fault
SLP072	448	'373151320_/_373151365'	2.2	10	10	1.888	1.6	10	4.64 No	1.6	Element Fault
SLP072	449	'5983310_/_5983327'	0.93	3.33	3.33	0.632	0.9	3.33	1.55 No	0.632	Thermal Discharging
SLP072	450	'43820983_/_5966711'	1.37	3.33	3.33	0.632	0.5	3.33	1.55 No	0.5	Element Fault
SLP072	451	'326780599_/_326780613'	2.2	10	10	1.888	1.6	10	4.64 No	1.6	Element Fault
SLP072	452	'5966727_/_8062015_1'	1.37	3.33	3.33	0.632	0.3	3.33	1.55 No	0.3	Element Fault
SLP072	453	'43822966_/_5983344'	2.5	10	10	1.888	2.8	10	4.64 No	1.888	Thermal Discharging
SLP072	454	'7426888_/_326780460'	2.1	10	10	1.888	1.6	10	4.64 No	1.6	Element Fault
SLP072	455	'5979350_/_43822981'	0.93	3.33	3.33	0.632	0.2	3.33	1.55 No	0.2	Element Fault
SLP072	456	'43825746_/_43825748'	1.03	3.33	3.33	0.632	0.5	3.33	1.55 No	0.5	Element Fault
SLP072	457	'326780658_/_9319082'	2.1	10	10	1.888	1.6	10	4.64 No	1.6	Element Fault
SLP072	458	'5983978_/_43826250'	1.23	3.33	3.33	0.632	0.5	3.33	1.55 No	0.5	Element Fault
SLP072	459	'5981509_/_5981522'	1.53	3.33	3.33	0.632	0.9	3.33	1.55 No	0.632	Thermal Discharging
SLP072	460	'5980668_/_5980665'	1.27	3.33	3.33	0.632	1	3.33	1.55 No	0.632	Thermal Discharging
SLP072	461	'5983915_/_5983927'	2.2	6.67	6.67	1.256	1	6.67	3.09 No	1	Element Fault
SLP072	462	'43826259_/_5983991'	1.3	3.33	3.33	0.632	1	3.33	1.55 No	0.632	Thermal Discharging
SLP072	463	'5981483_/_5981480'	1.27	3.33	3.33	0.632	0.4	3.33	1.55 No	0.4	Element Fault
SLP072	464	'43821149_/_5983741'	1.53	3.33	3.33	0.632	0.9	3.33	1.55 No	0.632	Thermal Discharging
SLP072	465	'5979802_/_5979799'	0.87	3.33	3.33	0.632	0.2	3.33	1.55 No	0.2	Element Fault
SLP072	466	'5979724_/_43822968'	2.3	10	10	1.888	2.8	10	4.64 No	1.888	Thermal Discharging
SLP072	467	'5966320_/_5966318'	0.97	3.33	3.33	0.632	0.5	3.33	1.55 No	0.5	Element Fault
SLP072	468	'43821388_/_5981493'	1.17	3.33	3.33	0.632	0.4	3.33	1.55 No	0.4	Element Fault
SLP072	469	'5981428_/_5984004'	1.4	3.33	3.33	0.632	0.9	3.33	1.55 No	0.632	Thermal Discharging
SLP072	470	'335102419_/_326780763'	1.9	10	10	1.888	1.6	10	4.64 No	1.6	Element Fault
SLP072	471	'335102394_/_335102416'	1.9	10	10	1.888	1.6	10	4.64 No	1.6	Element Fault
SLP072	472	'335102395_/_335102392'	1.9	10	10	1.888	1.6	10	4.64 No	1.6	Element Fault
SLP072	473	'335102403_/_335102400'	1.9	10	10	1.888	1.6	10	4.64 No	1.6	Element Fault
SLP072	474	'335102411_/_335102408'	1.9	10	10	1.888	1.6	10	4.64 No	1.6	Element Fault
SLP072	475	'5981577_/_5981574'	1.37	3.33	3.33	0.632	0.9	3.33	1.55 No	0.632	Thermal Discharging
SLP072	476	'5981508_/_5981506'	1.3	3.33	3.33	0.632	0.9	3.33	1.55 No	0.632	Thermal Discharging
SLP072	477	'5983309_/_5983307'	0.8	3.33	3.33	0.632	0.9	3.33	1.55 No	0.632	Thermal Discharging
SLP072	478	'8062017_/_8062015_2'	1.1	3.33	3.33	0.632	0.3	3.33	1.55 No	0.3	Element Fault
SLP072	479	'7426869_/_335102545'	1.9	10	10	1.888	1.6	10	4.64 No	1.6	Element Fault
SLP072	480	'5983900_/_5983912'	1.87	6.67	6.67	1.256	1	6.67	3.09 No	1	Element Fault
SLP072	481	'454681606_/_454681625'	1.2	3.33	3.33	0.632	0.5	3.33	1.55 No	0.5	Element Fault
SLP072	482	'5983630_/_5983628'	0.87	3.33	3.33	0.632	0.5	3.33	1.55 No	0.5	Element Fault
SLP072	483	'5980694_/_5980678'	1.1	3.33	3.33	0.632	1	3.33	1.55 No	0.632	Thermal Discharging
SLP072	484	'5983566_/_5984172'	1.07	3.33	3.33	0.632	1	3.33	1.55 No	0.632	Thermal Discharging
SLP072	485	'5981990_/_43821390'	1.03	3.33	3.33	0.632	0.4	3.33	1.55 No	0.4	Element Fault
SLP072	486	'5979725_/_5979722'	2	10	10	1.888	2.8	10	4.64 No	1.888	Thermal Discharging
SLP072	487	'43821239_/_5981590'	1.17	3.33	3.33	0.632	0.9	3.33	1.55 No	0.632	Thermal Discharging
SLP072	488	'9004685_/_9004683'	1.7	10	10	1.888	1.6	10	4.64 No	1.6	Element Fault
SLP072	489	'5981991_/_5981988'	1	3.33	3.33	0.632	0.4	3.33	1.55 No	0.4	Element Fault
SLP072	490	'5983885_/_5983897'	1.6	6.67	6.67	1.256	1	6.67	3.09 No	1	Element Fault
SLP072	491	'5981415_/_5981425'	1.17	3.33	3.33	0.632	0.9	3.33	1.55 No	0.632	Thermal Discharging
SLP072	492	'5983553_/_5983563'	1	3.33	3.33	0.632	1	3.33	1.55 No	0.632	Thermal Discharging
SLP072	493	'5984415_/_43826426'	1.07	3.33	3.33	0.632	0.9	3.33	1.55 No	0.632	Thermal Discharging
SLP072	494	'5980707_/_5980704'	0.93	3.33	3.33	0.632	0.9	3.33	1.55 No	0.632	Thermal Discharging
SLP072	495	'5983870_/_5983882'	1.53	6.67	6.67	1.256	1	6.67	3.09 No	1	Element Fault

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SLP072	496	'335102879_/_335102609_1'	0.67	3.33	3.33	0.632	0.3	3.33	1.55 No	0.3	Element Fault
SLP072	497	'335102814_/_335102609_2'	0.67	3.33	3.33	0.632	0.3	3.33	1.55 No	0.3	Element Fault
SLP072	498	'43823211_/_5979742'	1.8	10	10	1.888	2.8	10	4.64 No	1.8	Primary Over-Voltage
SLP072	499	'5981593_/_43821241'	1.03	3.33	3.33	0.632	0.9	3.33	1.55 No	0.632	Thermal Discharging
SLP072	500	'43821116_/_43821118'	0.9	3.33	3.33	0.632	0.4	3.33	1.55 No	0.4	Element Fault
SLP072	501	'5980746_/_5980756'	0.9	3.33	3.33	0.632	0.9	3.33	1.55 No	0.632	Thermal Discharging
SLP072	502	'5981414_/_5981412'	1.03	3.33	3.33	0.632	0.9	3.33	1.55 No	0.632	Thermal Discharging
SLP072	503	'5983089_/_335102847'	0.67	3.33	3.33	0.632	0.3	3.33	1.55 No	0.3	Element Fault
SLP072	504	'5983552_/_5983550'	0.87	3.33	3.33	0.632	1	3.33	1.55 No	0.632	Thermal Discharging
SLP072	505	'5980720_/_5980717'	0.87	3.33	3.33	0.632	0.9	3.33	1.55 No	0.632	Thermal Discharging
SLP072	506	'43826236_/_43826238'	1.33	6.67	6.67	1.256	1	6.67	3.09 No	1	Element Fault
SLP072	507	'5981259_/_5981282'	0.83	3.33	3.33	0.632	0.4	3.33	1.55 No	0.4	Element Fault
SLP072	508	'5983076_/_5983086'	0.67	3.33	3.33	0.632	0.3	3.33	1.55 No	0.3	Element Fault
SLP072	509	'5980480_/_5980743'	0.83	3.33	3.33	0.632	0.9	3.33	1.55 No	0.632	Thermal Discharging
SLP072	510	'5979762_/_43823213'	1.6	10	10	1.888	2.8	10	4.64 No	1.6	Primary Over-Voltage
SLP072	511	'5980587_/_5980597_1'	0.8	3.33	3.33	0.632	0.2	3.33	1.55 No	0.2	Element Fault
SLP072	512	'5981272_/_5981269'	0.8	3.33	3.33	0.632	0.4	3.33	1.55 No	0.4	Element Fault
SLP072	513	'5984132_/_5984130'	0.93	3.33	3.33	0.632	0.9	3.33	1.55 No	0.632	Thermal Discharging
SLP072	514	'5981298_/_5981308_1'	0.8	3.33	3.33	0.632	0.2	3.33	1.55 No	0.2	Element Fault
SLP072	515	'5980600_/_5980597_2'	0.8	3.33	3.33	0.632	0.2	3.33	1.55 No	0.2	Element Fault
SLP072	516	'5981246_/_5981256'	0.8	3.33	3.33	0.632	0.4	3.33	1.55 No	0.4	Element Fault
SLP072	517	'115070752_/_8743404_3'	0.93	3.33	3.33	0.632	0.9	3.33	1.55 No	0.632	Thermal Discharging
SLP072	518	'43820771_/_5981055'	0.8	3.33	3.33	0.632	0.9	3.33	1.55 No	0.632	Thermal Discharging
SLP072	519	'5983062_/_5983073'	0.67	3.33	3.33	0.632	0.3	3.33	1.55 No	0.3	Element Fault
SLP072	520	'5983757_/_5983754'	0.9	3.33	3.33	0.632	0.9	3.33	1.55 No	0.632	Thermal Discharging
SLP072	521	'5983840_/_5983852'	1.2	6.67	6.67	1.256	1	6.67	3.09 No	1	Element Fault
SLP072	522	'5980613_/_5980610'	0.77	3.33	3.33	0.632	0.2	3.33	1.55 No	0.2	Element Fault
SLP072	523	'5981311_/_5981308_2'	0.77	3.33	3.33	0.632	0.2	3.33	1.55 No	0.2	Element Fault
SLP072	524	'5981233_/_5981243'	0.77	3.33	3.33	0.632	0.4	3.33	1.55 No	0.4	Element Fault
SLP072	525	'43822759_/_5983060'	0.67	3.33	3.33	0.632	0.3	3.33	1.55 No	0.3	Element Fault
SLP072	526	'43826224_/_5983837'	1.2	6.67	6.67	1.256	1	6.67	3.09 No	1	Element Fault
SLP072	527	'5981402_/_5981399'	0.73	3.33	3.33	0.632	0.4	3.33	1.55 No	0.4	Element Fault
SLP072	528	'5980574_/_5980623'	0.77	3.33	3.33	0.632	0.2	3.33	1.55 No	0.2	Element Fault
SLP072	529	'5981071_/_5981068'	0.73	3.33	3.33	0.632	0.9	3.33	1.55 No	0.632	Thermal Discharging
SLP072	530	'5983037_/_43822761'	0.63	3.33	3.33	0.632	0.3	3.33	1.55 No	0.3	Element Fault
SLP072	531	'43821127_/_5981321'	0.73	3.33	3.33	0.632	0.2	3.33	1.55 No	0.2	Element Fault
SLP072	532	'43825735_/_43825737'	0.73	3.33	3.33	0.632	1	3.33	1.55 No	0.632	Thermal Discharging
SLP072	533	'43821105_/_5981230'	0.73	3.33	3.33	0.632	0.4	3.33	1.55 No	0.4	Element Fault
SLP072	534	'5982017_/_5982027'	0.7	3.33	3.33	0.632	0.4	3.33	1.55 No	0.4	Element Fault
SLP072	535	'5979779_/_5979776'	1.4	10	10	1.888	2.8	10	4.64 No	1.4	Primary Over-Voltage
SLP072	536	'5979815_/_43823226_2'	1.4	10	10	1.888	2.8	10	4.64 No	1.4	Primary Over-Voltage
SLP072	537	'43820626_/_5980571'	0.73	3.33	3.33	0.632	0.2	3.33	1.55 No	0.2	Element Fault
SLP072	538	'5980467_/_5980477'	0.73	3.33	3.33	0.632	0.9	3.33	1.55 No	0.632	Thermal Discharging
SLP072	539	'5983024_/_5983034'	0.63	3.33	3.33	0.632	0.3	3.33	1.55 No	0.3	Element Fault
SLP072	540	'5982004_/_5982014'	0.7	3.33	3.33	0.632	0.4	3.33	1.55 No	0.4	Element Fault
SLP072	541	'5983769_/_5983806'	0.8	3.33	3.33	0.632	0.9	3.33	1.55 No	0.632	Thermal Discharging
SLP072	542	'5981337_/_5981334'	0.7	3.33	3.33	0.632	0.2	3.33	1.55 No	0.2	Element Fault
SLP072	543	'7483267_/_8743404_2'	0.8	3.33	3.33	0.632	0.9	3.33	1.55 No	0.632	Thermal Discharging
SLP072	544	'43821399_/_5982053'	0.7	3.33	3.33	0.632	0.4	3.33	1.55 No	0.4	Element Fault
SLP072	545	'5984471_/_8743404_1'	0.8	3.33	3.33	0.632	0.2	3.33	1.55 No	0.2	Element Fault
SLP072	546	'5984265_/_5984263'	0.7	3.33	3.33	0.632	0.4	3.33	1.55 No	0.4	Element Fault
SLP072	547	'5982042_/_5982040_1'	0.7	3.33	3.33	0.632	0.2	3.33	1.55 No	0.2	Element Fault
SLP072	548	'5979855_/_5979852'	0.47	3.33	3.33	0.632	0.93	3.33	1.55 No	0.47	Primary Over-Voltage
SLP072	549	'43820760_/_5981039'	0.7	3.33	3.33	0.632	0.2	3.33	1.55 No	0.2	Element Fault
SLP072	550	'5981084_/_5981081'	0.67	3.33	3.33	0.632	0.9	3.33	1.55 No	0.632	Thermal Discharging
SLP072	551	'5982003_/_5982001'	0.67	3.33	3.33	0.632	0.4	3.33	1.55 No	0.4	Element Fault
SLP072	552	'5982043_/_5982040_2'	0.67	3.33	3.33	0.632	0.2	3.33	1.55 No	0.2	Element Fault
SLP072	553	'43823224_/_43823226_1'	1.3	10	10	1.888	0.7	10	4.64 No	0.7	Element Fault
SLP072	554	'5983713_/_5983822'	1.07	6.67	6.67	1.256	1	6.67	3.09 No	1	Element Fault
SLP072	555	'5981350_/_5981347'	0.67	3.33	3.33	0.632	0.2	3.33	1.55 No	0.2	Element Fault
SLP072	556	'5979814_/_9629297_1'	1.3	10	10	1.888	0.4	10	4.64 No	0.4	Element Fault
SLP072	557	'5979868_/_5979865'	0.47	3.33	3.33	0.632	0.93	3.33	1.55 No	0.47	Primary Over-Voltage
SLP072	558	'5980548_/_5980558'	0.7	3.33	3.33	0.632	0.2	3.33	1.55 No	0.2	Element Fault
SLP072	559	'43826303_/_5984387'	0.67	3.33	3.33	0.632	0.4	3.33	1.55 No	0.4	Element Fault
SLP072	560	'43822748_/_43822750'	0.6	3.33	3.33	0.632	0.3	3.33	1.55 No	0.3	Element Fault
SLP072	561	'5983770_/_5983767'	0.73	3.33	3.33	0.632	0.9	3.33	1.55 No	0.632	Thermal Discharging
SLP072	562	'5981363_/_5981360'	0.63	3.33	3.33	0.632	0.2	3.33	1.55 No	0.2	Element Fault
SLP072	563	'5966304_/_5966302'	0.67	3.33	3.33	0.632	1	3.33	1.55 No	0.632	Thermal Discharging
SLP072	564	'5980547_/_5980545'	0.67	3.33	3.33	0.632	0.2	3.33	1.55 No	0.2	Element Fault
SLP072	565	'5980454_/_5980464'	0.67	3.33	3.33	0.632	0.9	3.33	1.55 No	0.632	Thermal Discharging
SLP072	566	'5980493_/_5980529_1'	0.67	3.33	3.33	0.632	0.2	3.33	1.55 No	0.2	Element Fault
SLP072	567	'5984470_/_5984468'	0.73	3.33	3.33	0.632	0.2	3.33	1.55 No	0.2	Element Fault
SLP072	568	'43821410_/_5982079'	0.63	3.33	3.33	0.632	0.2	3.33	1.55 No	0.2	Element Fault
SLP072	569	'43826491_/_5985458'	0.73	3.33	3.33	0.632	0.2	3.33	1.55 No	0.2	Element Fault
SLP072	570	'5984253_/_5984400'	0.63	3.33	3.33	0.632	0.4	3.33	1.55 No	0.4	Element Fault
SLP072	571	'5982995_/_5983008'	0.57	3.33	3.33	0.632	0.3	3.33	1.55 No	0.3	Element Fault
SLP072	572	'5981110_/_5992123'	0.67	3.33	3.33	0.632	1	3.33	1.55 No	0.632	Thermal Discharging
SLP072	573	'43826157_/_43826159'	1	6.67	6.67	1.256	1	6.67	3.09 No	1	Primary Over-Voltage
SLP072	574	'5981376_/_5981373'	0.6	3.33	3.33	0.632	0.2	3.33	1.55 No	0.2	Element Fault
SLP072	575	'8686471_/_243503551_1'	0.67	3.33	3.33	0.632	0.3	3.33	1.55 No	0.3	Element Fault
SLP072	576	'5984091_/_5984088'	0.7	3.33	3.33	0.632	0.9	3.33	1.55 No	0.632	Thermal Discharging
SLP072	577	'5980505_/_5980529_2'	0.63	3.33	3.33	0.632	0.2	3.33	1.55 No	0.2	Element Fault
SLP072	578	'43820946_/_43820948'	0.63	3.33	3.33	0.632	1	3.33	1.55 No	0.63	Primary Over-Voltage
SLP072	579	'5981042_/_43820762'	0.63	3.33	3.33	0.632	0.2	3.33	1.55 No	0.2	Element Fault
SLP072	580	'5982069_/_5982066'	0.6	3.33	3.33	0.632	0.2	3.33	1.55 No	0.2	Element Fault
SLP072	581	'43826213_/_5983780'	0.7	3.33	3.33	0.632	0.9	3.33	1.55 No	0.632	Thermal Discharging
SLP072	582	'5982982_/_5982992'	0.53	3.33	3.33	0.632	0.3	3.33	1.55 No	0.3	Element Fault
SLP072	583	'43821138_/_5981386'	0.6	3.33	3.33	0.632	0.2	3.33	1.55 No	0.2	Element Fault
SLP072	584	'243503546_/_243503551_2'	0.63	3.33	3.33	0.632	0.3	3.33	1.55 No	0.3	Element Fault
SLP072	585	'5980441_/_5980451'	0.63	3.33	3.33	0.632	0.9	3.33	1.55 No	0.63	Primary Over-Voltage
SLP072	586	'5984240_/_5984250'	0.6	3.33	3.33	0.632	0.4	3.33	1.55 No	0.4	Element Fault
SLP072	587	'144802465_/_144802389_1'	0.6	3.33	3.33	0.632	0.2	3.33	1.55 No	0.2	Element Fault
SLP072	588	'5985046_/_5985056'	0.7	3.33	3.33	0.632	0.2	3.33	1.55 No	0.2	Element Fault
SLP072	589	'5980506_/_5980503'	0.6	3.33	3.33	0.632	0.2	3.33	1.55 No	0.2	Element Fault

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SLP072	590	'43826447_/_5991604'		0.67	3.33	3.33	0.632	0.2	3.33	1.55 No	0.2 Element Fault
SLP072	591	'43821421_/_5982092'		0.57	3.33	3.33	0.632	0.2	3.33	1.55 No	0.2 Element Fault
SLP072	592	'144802357_/_144802389_2'		0.6	3.33	3.33	0.632	0.2	3.33	1.55 No	0.2 Element Fault
SLP072	593	'5982981_/_5982979'		0.53	3.33	3.33	0.632	0.3	3.33	1.55 No	0.3 Element Fault
SLP072	594	'5981096_/_5981094'		0.6	3.33	3.33	0.632	1	3.33	1.55 No	0.6 Primary Over-Voltage
SLP072	595	'243503585_/_243503604'		0.6	3.33	3.33	0.632	0.3	3.33	1.55 No	0.3 Element Fault
SLP072	596	'5983170_/_9629297_2'		1.2	9.3	10	1.888	0.2	10	4.64 No	0.2 Element Fault
SLP072	597	'43822792_/_9629297_3'		1.2	9.3	10	1.888	0.2	10	4.64 No	0.2 Element Fault
SLP072	598	'5984800_/_5984823'		0.6	3.33	3.33	0.632	1	3.33	1.55 No	0.6 Primary Over-Voltage
SLP072	599	'5980428_/_5980438'		0.6	3.27	3.33	0.632	0.9	3.33	1.55 No	0.6 Primary Over-Voltage
SLP072	600	'243505621_/_131744253_1'		0.6	3.33	3.33	0.632	0.3	3.33	1.55 No	0.3 Element Fault
SLP072	601	'43821432_/_5982248'		0.57	3.33	3.33	0.632	0.2	3.33	1.55 No	0.2 Element Fault
SLP072	602	'131744256_/_131744253_2'		0.6	3.33	3.33	0.632	0.3	3.33	1.55 No	0.3 Element Fault
SLP072	603	'5994520_/_5994530'		0.57	3.2	3.33	0.632	0.2	3.33	1.55 No	0.2 Element Fault
SLP072	604	'351677266_/_144802375'		0.57	3.33	3.33	0.632	0.2	3.33	1.55 No	0.2 Element Fault
SLP072	605	'6021099_/_43821140'		0.53	3.33	3.33	0.632	0.2	3.33	1.55 No	0.2 Element Fault
SLP072	606	'5985072_/_5985069'		0.67	3.33	3.33	0.632	0.2	3.33	1.55 No	0.2 Element Fault
SLP072	607	'43826145_/_5983695'		0.87	6.6	6.67	1.256	1	6.67	3.09 No	0.87 Primary Over-Voltage
SLP072	608	'5984933_/_43825884'		0.63	3.33	3.33	0.632	0.2	3.33	1.55 No	0.2 Element Fault
SLP072	609	'5983795_/_43826215'		0.63	3.33	3.33	0.632	0.9	3.33	1.55 No	0.63 Primary Over-Voltage
SLP072	610	'43822805_/_43822807'		1.1	8.9	10	1.888	0.2	10	4.64 No	0.2 Element Fault
SLP072	611	'5983592_/_5983589'		0.53	3.33	3.33	0.632	0.2	3.33	1.55 No	0.2 Element Fault
SLP072	612	'43821061_/_43821063'		0.57	3.33	3.33	0.632	0.4	3.33	1.55 No	0.4 Element Fault
SLP072	613	'5984343_/_8686484_1'		0.57	3.33	3.33	0.632	0.1	3.33	1.55 No	0.1 Element Fault
SLP072	614	'5980415_/_5980425_2'		0.57	3.07	3.33	0.632	0.9	3.33	1.55 No	0.57 Primary Over-Voltage
SLP072	615	'43827197_/_43827199'		0.57	3.07	3.33	0.632	0.2	3.33	1.55 No	0.2 Element Fault
SLP072	616	'351677388_/_351677307_1'		0.53	3.33	3.33	0.632	0.2	3.33	1.55 No	0.2 Element Fault
SLP072	617	'5980519_/_5980516'		0.57	3.07	3.33	0.632	0.2	3.33	1.55 No	0.2 Element Fault
SLP072	618	'6021100_/_6021097'		0.53	3.33	3.33	0.632	0.2	3.33	1.55 No	0.2 Element Fault
SLP072	619	'5980376_/_5980425_1'		0.57	3.03	3.33	0.632	0.2	3.33	1.55 No	0.2 Element Fault
SLP072	620	'5983605_/_5983602'		0.53	3.33	3.33	0.632	0.2	3.33	1.55 No	0.2 Element Fault
SLP072	621	'5984201_/_351677307_2'		0.53	3.33	3.33	0.632	0.2	3.33	1.55 No	0.2 Element Fault
SLP072	622	'131744264_/_131744297'		0.57	3.27	3.33	0.632	0.3	3.33	1.55 No	0.3 Element Fault
SLP072	623	'5980334_/_5994504'		0.57	3.03	3.33	0.632	0.2	3.33	1.55 No	0.2 Element Fault
SLP072	624	'5983190_/_5983187'		1.1	8.6	10	1.888	0.2	10	4.64 No	0.2 Element Fault
SLP072	625	'7148317_/_5984797'		0.57	3.27	3.33	0.632	1	3.33	1.55 No	0.57 Primary Over-Voltage
SLP072	626	'5984279_/_5984276'		0.53	3.33	3.33	0.632	0.2	3.33	1.55 No	0.2 Element Fault
SLP072	627	'5980321_/_5980331'		0.53	3	3.33	0.632	0.2	3.33	1.55 No	0.2 Element Fault
SLP072	628	'465929730_/_8433044_1'		0.57	3.23	3.33	0.632	0.3	3.33	1.55 No	0.3 Element Fault
SLP072	629	'243505563_/_243505416'		0.53	3.2	3.33	0.632	0.3	3.33	1.55 No	0.3 Element Fault
SLP072	630	'465929723_/_8433060_1'		0.57	3.23	3.33	0.632	0.3	3.33	1.55 No	0.3 Element Fault
SLP072	631	'36339275_/_8433044_2'		0.57	3.23	3.33	0.632	0.3	3.33	1.55 No	0.3 Element Fault
SLP072	632	'6021116_/_6021113'		0.5	3.33	3.33	0.632	0.2	3.33	1.55 No	0.2 Element Fault
SLP072	633	'131744394_/_131744403'		0.53	3.2	3.33	0.632	0.3	3.33	1.55 No	0.3 Element Fault
SLP072	634	'43821443_/_5983615'		0.5	3.33	3.33	0.632	0.2	3.33	1.55 No	0.2 Element Fault
SLP072	635	'5980320_/_5980318'		0.53	2.97	3.33	0.632	0.2	3.33	1.55 No	0.2 Element Fault
SLP072	636	'143634461_/_131744338_1'		0.53	3.17	3.33	0.632	0.3	3.33	1.55 No	0.3 Element Fault
SLP072	637	'43826292_/_5985283'		0.6	3.1	3.33	0.632	0.2	3.33	1.55 No	0.2 Element Fault
SLP072	638	'43821083_/_43821074'		0.53	3.33	3.33	0.632	0.2	3.33	1.55 No	0.2 Element Fault
SLP072	639	'5984752_/_131744338_2'		0.53	3.13	3.33	0.632	0.3	3.33	1.55 No	0.3 Element Fault
SLP072	640	'5983206_/_5983204'		1	8.3	10	1.888	0.2	10	4.64 No	0.2 Element Fault
SLP072	641	'9397636_/_50301559'		0.53	3.13	3.33	0.632	0.3	3.33	1.55 No	0.3 Element Fault
SLP072	642	'5980389_/_5980386'		0.53	2.9	3.33	0.632	0.2	3.33	1.55 No	0.2 Element Fault
SLP072	643	'5984162_/_43826294_1'		0.6	3.07	3.33	0.632	0.2	3.33	1.55 No	0.2 Element Fault
SLP072	644	'5980363_/_5980373'		0.53	2.87	3.33	0.632	0.2	3.33	1.55 No	0.2 Element Fault
SLP072	645	'6021128_/_7104467'		0.5	3.33	3.33	0.632	0.2	3.33	1.55 No	0.2 Element Fault
SLP072	646	'43821567_/_5982261'		0.53	2.87	3.33	0.632	0.2	3.33	1.55 No	0.2 Element Fault
SLP072	647	'5981961_/_43821569'		0.53	2.87	3.33	0.632	0.2	3.33	1.55 No	0.2 Element Fault
SLP072	648	'5984305_/_5984302'		0.5	3.33	3.33	0.632	0.2	3.33	1.55 No	0.2 Element Fault
SLP072	649	'43825904_/_5985082'		0.57	3.03	3.33	0.632	0.2	3.33	1.55 No	0.2 Element Fault
SLP072	650	'5981962_/_5981959'		0.53	2.9	3.33	0.632	0.2	3.33	1.55 No	0.2 Element Fault
SLP072	651	'5984920_/_5984930'		0.6	3.03	3.33	0.632	0.2	3.33	1.55 No	0.2 Element Fault
SLP072	652	'43826132_/_43826134'		0.8	5.93	6.67	1.256	1	6.67	3.09 No	0.8 Primary Over-Voltage
SLP072	653	'8686487_/_8686484_2'		0.5	3.3	3.33	0.632	0.1	3.33	1.55 No	0.1 Element Fault
SLP072	654	'5981975_/_5981972'		0.53	2.9	3.33	0.632	0.2	3.33	1.55 No	0.2 Element Fault
SLP072	655	'5984736_/_5984749'		0.53	3.07	3.33	0.632	0.3	3.33	1.55 No	0.3 Element Fault
SLP072	656	'5983224_/_5983221'		1	8.1	10	1.888	0.2	10	4.64 No	0.2 Element Fault
SLP072	657	'5991866_/_5991863'		0.5	3.27	3.33	0.632	0.2	3.33	1.55 No	0.2 Element Fault
SLP072	658	'6021144_/_6021142'		0.47	3.2	3.33	0.632	0.2	3.33	1.55 No	0.2 Element Fault
SLP072	659	'6021129_/_6021126'		0.47	3.27	3.33	0.632	0.2	3.33	1.55 No	0.2 Element Fault
SLP072	660	'5980350_/_5980360'		0.5	2.77	3.33	0.632	0.2	3.33	1.55 No	0.2 Element Fault
SLP072	661	'43820913_/_43820915'		0.53	3	3.33	0.632	0.3	3.33	1.55 No	0.3 Element Fault
SLP072	662	'5984213_/_43821085'		0.5	3.2	3.33	0.632	0.2	3.33	1.55 No	0.2 Element Fault
SLP072	663	'5985257_/_5985254'		0.57	2.93	3.33	0.632	0.2	3.33	1.55 No	0.2 Element Fault
SLP072	664	'143634468_/_131744416_1'		0.5	2.93	3.33	0.632	0.3	3.33	1.55 No	0.3 Element Fault
SLP072	665	'5984214_/_5984224_1'		0.5	3.17	3.33	0.632	0.2	3.33	1.55 No	0.2 Element Fault
SLP072	666	'43820902_/_43820904'		0.53	2.97	3.33	0.632	0.3	3.33	1.55 No	0.3 Element Fault
SLP072	667	'5980402_/_5980399'		0.5	2.73	3.33	0.632	0.2	3.33	1.55 No	0.2 Element Fault
SLP072	668	'5983241_/_5983238'		1	7.9	10	1.888	0.2	10	4.64 No	0.2 Element Fault
SLP072	669	'5984722_/_9319102_1'		0.53	2.97	3.33	0.632	0.2	3.33	1.55 No	0.2 Element Fault
SLP072	670	'9397637_/_9397634_1'		0.5	2.93	3.33	0.632	0.2	3.33	1.55 No	0.2 Element Fault
SLP072	671	'5984149_/_43826294_2'		0.57	2.87	3.33	0.632	0.2	3.33	1.55 No	0.2 Element Fault
SLP072	672	'8433063_/_8433060_2'		0.5	2.93	3.33	0.632	0.3	3.33	1.55 No	0.3 Element Fault
SLP072	673	'5985214_/_9397634_2'		0.5	2.93	3.33	0.632	0.2	3.33	1.55 No	0.2 Element Fault
SLP072	674	'5984318_/_5984315'		0.47	3.1	3.33	0.632	0.2	3.33	1.55 No	0.2 Element Fault
SLP072	675	'5983258_/_5983255'		1	7.7	10	1.888	0.2	10	4.64 No	0.2 Element Fault
SLP072	676	'5980349_/_5980347'		0.5	2.67	3.33	0.632	0.2	3.33	1.55 No	0.2 Element Fault
SLP072	677	'5985215_/_5985212'		0.5	2.87	3.33	0.632	0.2	3.33	1.55 No	0.2 Element Fault
SLP072	678	'43821094_/_5984224_2'		0.47	3.07	3.33	0.632	0.2	3.33	1.55 No	0.2 Element Fault
SLP072	679	'5984710_/_9319102_2'		0.5	2.87	3.33	0.632	0.2	3.33	1.55 No	0.2 Element Fault
SLP072	680	'5984919_/_5984917'		0.53	2.8	3.33	0.632	0.2	3.33	1.55 No	0.2 Element Fault
SLP072	681	'43826282_/_5985270'		0.53	2.8	3.33	0.632	0.2	3.33	1.55 No	0.2 Element Fault
SLP072	682	'9005115_/_9629435'		0.5	2.83	3.33	0.632	0.3	3.33	1.55 No	0.3 Element Fault
SLP072	683	'426516706_/_426516718'		0.5	2.83	3.33	0.632	0.2	3.33	1.55 No	0.2 Element Fault

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SLP072	684	'5984946_/_5984959_1'		0.53	2.77	3.33	0.632	0.1	3.33	1.55 No	0.1 Element Fault
SLP072	685	'5985085_/_43825906'		0.53	2.73	3.33	0.632	0.2	3.33	1.55 No	0.2 Element Fault
SLP072	686	'9005099_/_9005113'		0.5	2.77	3.33	0.632	0.3	3.33	1.55 No	0.3 Element Fault
SLP072	687	'428785349_/_5984959_2'		0.53	2.7	3.33	0.632	0.1	3.33	1.55 No	0.1 Element Fault
SLP072	688	'5984331_/_5984328'		0.47	2.97	3.33	0.632	0.2	3.33	1.55 No	0.2 Element Fault
SLP072	689	'5985273_/_43826283'		0.53	2.7	3.33	0.632	0.2	3.33	1.55 No	0.2 Element Fault
SLP072	690	'5983679_/_5983677'		0.67	5.27	6.67	1.256	1	6.67	3.09 No	0.67 Primary Over-Voltage
SLP072	691	'43826169_/_5984146'		0.53	2.67	3.33	0.632	0.2	3.33	1.55 No	0.2 Element Fault
SLP072	692	'43820891_/_5984707'		0.5	2.73	3.33	0.632	0.2	3.33	1.55 No	0.2 Element Fault
SLP072	693	'43825893_/_5984959_3'		0.5	2.63	3.33	0.632	0.1	3.33	1.55 No	0.1 Element Fault
SLP072	694	'6021157_/_43821096'		0.43	2.8	3.33	0.632	0.2	3.33	1.55 No	0.2 Element Fault
SLP072	695	'7426908_/_7426906_1'		0.43	2.8	3.33	0.632	0.1	3.33	1.55 No	0.1 Element Fault
SLP072	696	'60511053_/_60511060'		0.47	2.63	3.33	0.632	0.3	3.33	1.55 No	0.3 Element Fault
SLP072	697	'5985312_/_5985325'		0.47	2.63	3.33	0.632	0.2	3.33	1.55 No	0.2 Element Fault
SLP072	698	'43826270_/_43826272'		0.5	2.57	3.33	0.632	0.1	3.33	1.55 No	0.1 Element Fault
SLP072	699	'5984978_/_5984975'		0.5	2.5	3.33	0.632	0.1	3.33	1.55 No	0.1 Element Fault
SLP072	700	'7426909_/_7426906_2'		0.43	2.67	3.33	0.632	0.1	3.33	1.55 No	0.1 Element Fault
SLP072	701	'6021158_/_6021155'		0.4	2.63	3.33	0.632	0.2	3.33	1.55 No	0.2 Element Fault
SLP072	702	'5985311_/_5985309'		0.47	2.53	3.33	0.632	0.2	3.33	1.55 No	0.2 Element Fault
SLP072	703	'5966789_/_5966787'		0.47	2.47	3.33	0.632	0.2	3.33	1.55 No	0.2 Element Fault
SLP072	704	'43820868_/_5985338'		0.43	2.5	3.33	0.632	0.2	3.33	1.55 No	0.2 Element Fault
SLP072	705	'5985243_/_5985241'		0.47	2.4	3.33	0.632	0.1	3.33	1.55 No	0.1 Element Fault
SLP072	706	'5984991_/_5984988'		0.47	2.33	3.33	0.632	0.1	3.33	1.55 No	0.1 Element Fault
SLP072	707	'43826989_/_43826991'		0.47	2.33	3.33	0.632	0.2	3.33	1.55 No	0.2 Element Fault
SLP072	708	'43820880_/_43820870'		0.43	2.4	3.33	0.632	0.2	3.28	1.55 No	0.2 Element Fault
SLP072	709	'5966803_/_5966800'		0.47	2.3	3.33	0.632	0.2	3.31	1.55 No	0.2 Element Fault
SLP072	710	'43827881_/_6021168'		0.37	2.4	3.33	0.632	0.2	3.22	1.55 No	0.2 Element Fault
SLP072	711	'5985017_/_5985014'		0.43	2.27	3.33	0.632	0.1	3.26	1.55 No	0.1 Element Fault
SLP072	712	'43821160_/_5985001'		0.43	2.23	3.33	0.632	0.1	3.25	1.55 No	0.1 Element Fault
SLP072	713	'5966815_/_5966813'		0.43	2.23	3.33	0.632	0.2	3.23	1.55 No	0.2 Element Fault
SLP072	714	'5984117_/_5984114'		0.43	2.23	3.33	0.632	0.2	3.21	1.55 No	0.2 Element Fault
SLP072	715	'5998103_/_6021184'		0.37	2.37	3.33	0.632	0.2	3.16	1.55 No	0.2 Element Fault
SLP072	716	'43825915_/_5985095'		0.4	2.3	3.33	0.632	0.2	3.18	1.55 No	0.2 Element Fault
SLP072	717	'5985030_/_5985027'		0.43	2.2	3.33	0.632	0.1	3.19	1.55 No	0.1 Element Fault
SLP072	718	'436701124_/_5985228'		0.43	2.17	3.33	0.632	0.2	3.14	1.55 No	0.2 Element Fault
SLP072	719	'43825926_/_5985108'		0.4	2.23	3.33	0.632	0.2	3.11	1.55 No	0.2 Element Fault
SLP072	720	'436701203_/_436701102_2'		0.43	2.13	3.33	0.632	0.2	3.13	1.55 No	0.2 Element Fault
SLP072	721	'436701083_/_436701102_1'		0.43	2.13	3.33	0.632	0.1	3.13	1.55 No	0.1 Element Fault
SLP072	722	'5998171_/_5998169'		0.37	2.27	3.33	0.632	0.2	3.07	1.55 No	0.2 Element Fault
SLP072	723	'43821171_/_43821162'		0.43	2.1	3.33	0.632	0.1	3.11	1.55 No	0.1 Element Fault
SLP072	724	'5998211_/_5998208'		0.37	2.23	3.33	0.632	0.2	3.02	1.55 No	0.2 Element Fault
SLP072	725	'5985124_/_5985121'		0.4	2.17	3.33	0.632	0.2	3.02	1.55 No	0.2 Element Fault
SLP072	726	'5985137_/_5985134'		0.37	2.13	3.33	0.632	0.2	3	1.55 No	0.2 Element Fault
SLP072	727	'43828091_/_5988221'		0.33	2.17	3.33	0.632	0.2	2.98	1.55 No	0.2 Element Fault
SLP072	728	'5984851_/_43821173'		0.4	2	3.33	0.632	0.1	2.99	1.55 No	0.1 Element Fault
SLP072	729	'43825937_/_5985173'		0.37	2.07	3.33	0.632	0.2	2.94	1.55 No	0.2 Element Fault
SLP072	730	'5998184_/_43828093'		0.33	2.13	3.33	0.632	0.2	2.92	1.55 No	0.2 Element Fault
SLP072	731	'5985188_/_5985296'		0.37	2.07	3.33	0.632	0.2	2.93	1.55 No	0.2 Element Fault
SLP072	732	'5998116_/_5998182'		0.33	2.1	3.33	0.632	0.2	2.88	1.55 No	0.2 Element Fault
SLP072	733	'5985149_/_5985160'		0.37	2	3.33	0.632	0.2	2.86	1.55 No	0.2 Element Fault
SLP072	734	'5984852_/_5984849'		0.37	1.9	3.33	0.632	0.1	2.88	1.55 No	0.1 Element Fault
SLP072	735	'5985189_/_5985186'		0.37	2	3.33	0.632	0.2	2.84	1.55 No	0.2 Element Fault
SLP072	736	'5998117_/_5998114'		0.33	2.03	3.33	0.632	0.2	2.83	1.55 No	0.2 Element Fault
SLP072	737	'5985150_/_43825950'		0.37	2	3.33	0.632	0.2	2.83	1.55 No	0.2 Element Fault
SLP072	738	'43821182_/_5984862'		0.37	1.9	3.33	0.632	0.1	2.83	1.55 No	0.1 Element Fault
SLP072	739	'5998130_/_5998127'		0.3	2	3.33	0.632	0.2	2.77	1.55 No	0.2 Element Fault
SLP072	740	'5985202_/_5985199'		0.33	1.93	3.33	0.632	0.2	2.77	1.55 No	0.2 Element Fault
SLP072	741	'43828080_/_5998140'		0.3	1.93	3.33	0.632	0.2	2.72	1.55 No	0.2 Element Fault
SLP072	742	'43826436_/_43821184'		0.37	1.83	3.33	0.632	0.1	2.76	1.55 No	0.1 Element Fault
SLP072	743	'45082079_/_5998153'		0.3	1.93	3.33	0.632	0.2	2.69	1.55 No	0.2 Element Fault
SLP072	744	'5984445_/_5984442'		0.33	1.8	3.33	0.632	0.1	2.7	1.55 No	0.1 Element Fault
SLP072	745	'5984458_/_5984455'		0.33	1.73	3.33	0.632	0.1	2.65	1.55 No	0.1 Element Fault
SLP073	0	'SLP073_/_9068103'		10	10	10	1.712	10	10	5.82 No	1.712 Thermal Discharging
SLP073	1	'9068106_/_9068103'		10	10	10	1.712	10	10	5.82 No	1.712 Thermal Discharging
SLP073	2	'9389700_/_9701738'		10	10	10	1.712	10	10	5.82 No	1.712 Thermal Discharging
SLP073	3	'439985480_/_9389698_1'		10	10	10	1.712	10	10	5.82 No	1.712 Thermal Discharging
SLP073	4	'7152907_/_9389698_2'		10	10	10	1.712	10	10	5.82 No	1.712 Thermal Discharging
SLP073	5	'270207147_/_270207149'		10	10	10	1.712	10	10	5.82 No	1.712 Thermal Discharging
SLP073	6	'5960431_/_270206365'		10	10	10	1.712	10	10	5.82 No	1.712 Thermal Discharging
SLP073	7	'5960329_/_5960428'		10	10	10	1.712	10	10	5.82 No	1.712 Thermal Discharging
SLP073	8	'7736859_/_7736857_1'		10	10	10	1.712	1.5	10	5.82 No	1.5 Element Fault
SLP073	9	'270206964_/_9004043_1'		10	10	10	1.712	10	10	5.82 No	1.712 Thermal Discharging
SLP073	10	'7736860_/_7736857_2'		10	10	10	1.712	1.5	10	5.82 No	1.5 Element Fault
SLP073	11	'583483578_/_9004043_2'		10	10	10	1.712	10	10	5.82 No	1.712 Thermal Discharging
SLP073	12	'583483532_/_583483617'		10	10	10	1.712	10	10	5.82 No	1.712 Thermal Discharging
SLP073	13	'583483229_/_583483540'		10	10	10	1.712	10	10	5.82 No	1.712 Thermal Discharging
SLP073	14	'583483212_/_583483227'		10	10	10	1.712	10	10	5.82 No	1.712 Thermal Discharging
SLP073	15	'583483211_/_583483209'		10	10	10	1.712	4.6	10	5.82 No	1.712 Thermal Discharging
SLP073	16	'583483217_/_583483215'		10	10	10	1.712	10	10	5.82 No	1.712 Thermal Discharging
SLP073	17	'583483223_/_583483221'		10	10	10	1.712	10	10	5.82 No	1.712 Thermal Discharging
SLP073	18	'583483671_/_583483661'		10	10	10	1.712	10	10	5.82 No	1.712 Thermal Discharging
SLP073	19	'583484229_/_583483334_2'		10	10	10	1.712	10	10	5.82 No	1.712 Thermal Discharging
SLP073	20	'255435469_/_583483334_1'		10	10	10	1.712	10	10	5.82 No	1.712 Thermal Discharging
SLP073	21	'583483685_/_583483682'		10	10	10	1.712	10	10	5.82 No	1.712 Thermal Discharging
SLP073	22	'255435373_/_255435382'		10	10	10	1.712	10	10	5.82 No	1.712 Thermal Discharging
SLP073	23	'583483743_/_583483740'		10	10	10	1.712	10	10	5.82 No	1.712 Thermal Discharging
SLP073	24	'255435637_/_5952452'		10	10	10	1.712	10	10	5.82 No	1.712 Thermal Discharging
SLP073	25	'5952000_/_255435646'		10	10	10	1.712	10	10	5.82 No	1.712 Thermal Discharging
SLP073	26	'583483699_/_583483755'		10	10	10	1.712	10	10	5.82 No	1.712 Thermal Discharging
SLP073	27	'583483411_/_583483459'		10	10	10	1.712	4.6	10	5.82 No	1.712 Thermal Discharging
SLP073	28	'583483404_/_583483408'		10	10	10	1.712	4.6	10	5.82 No	1.712 Thermal Discharging
SLP073	29	'583483405_/_583483402'		10	10	10	1.712	4.6	10	5.82 No	1.712 Thermal Discharging
SLP073	30	'583483417_/_583483414'		10	10	10	1.712	4.6	10	5.82 No	1.712 Thermal Discharging
SLP073	31	'583483423_/_583483420'		10	10	10	1.712	4.6	10	5.82 No	1.712 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SLP073	32	'5949956_/_90384566'		10	10	1.712	10	10	5.82	No	1.712 Thermal Discharging
SLP073	33	'5951728_/_5951997'		10	10	1.712	10	10	5.82	No	1.712 Thermal Discharging
SLP073	34	'5949973_/_5949970_2'	3.33	3.33	3.33	0.568	3.33	3.33	1.94	No	0.568 Thermal Discharging
SLP073	35	'5951707_/_5951705_1'	6.67	6.67	6.67	1.136	1	6.67	3.88	No	1 Element Fault
SLP073	36	'5949972_/_5949970_1'	3.33	3.33	3.33	0.568	1.1	3.33	1.94	No	0.568 Thermal Discharging
SLP073	37	'5949031_/_5949983'		3.33	3.33	0.568	1.1	3.33	1.94	No	0.568 Thermal Discharging
SLP073	38	'347518273_/_583483494'	3.33	3.33	3.33	0.568	1.53	3.33	1.94	No	0.568 Thermal Discharging
SLP073	39	'357288085_/_8375560'		10	10	1.712	10	10	5.82	No	1.712 Thermal Discharging
SLP073	40	'108365872_/_108366134'		10	10	1.712	10	10	5.82	No	1.712 Thermal Discharging
SLP073	41	'108365873_/_108365869'		10	10	1.712	10	10	5.82	No	1.712 Thermal Discharging
SLP073	42	'108365879_/_108365876'		10	10	1.712	10	10	5.82	No	1.712 Thermal Discharging
SLP073	43	'108365886_/_108365883'		10	10	1.712	4.9	10	5.82	No	1.712 Thermal Discharging
SLP073	44	'108365893_/_108365890'		10	10	1.712	4.9	10	5.82	No	1.712 Thermal Discharging
SLP073	45	'108366046_/_108366087'		10	10	1.712	10	10	5.82	No	1.712 Thermal Discharging
SLP073	46	'347518339_/_347518358'	3.33	3.33	3.33	0.568	1.4	3.33	1.94	No	0.568 Thermal Discharging
SLP073	47	'108366177_/_108366245'		10	10	1.712	4.9	10	5.82	No	1.712 Thermal Discharging
SLP073	48	'108366176_/_108366173'		10	10	1.712	4.9	10	5.82	No	1.712 Thermal Discharging
SLP073	49	'108366198_/_108366194'		10	10	1.712	4.9	10	5.82	No	1.712 Thermal Discharging
SLP073	50	'108366191_/_108366187'		10	10	1.712	4.9	10	5.82	No	1.712 Thermal Discharging
SLP073	51	'108366184_/_108366180'		10	10	1.712	4.9	10	5.82	No	1.712 Thermal Discharging
SLP073	52	'5951708_/_5951705_2'	6.67	6.67	6.67	1.136	1	6.67	3.88	No	1 Element Fault
SLP073	53	'5949032_/_5949029'	3.33	3.33	3.33	0.568	1.1	3.33	1.94	No	0.568 Thermal Discharging
SLP073	54	'108365986_/_108366022'		10	10	1.712	4.9	10	5.82	No	1.712 Thermal Discharging
SLP073	55	'536955087_/_112126372'		10	10	1.712	10	10	5.82	No	1.712 Thermal Discharging
SLP073	56	'7425478_/_108365991'		10	10	1.712	4.9	10	5.82	No	1.712 Thermal Discharging
SLP073	57	'536955639_/_108366052'		10	10	1.712	10	10	5.82	No	1.712 Thermal Discharging
SLP073	58	'8685314_/_8685312'		10	10	1.712	4.9	10	5.82	No	1.712 Thermal Discharging
SLP073	59	'536955155_/_536955677'		10	10	1.712	10	10	5.82	No	1.712 Thermal Discharging
SLP073	60	'536955150_/_536955153'		10	10	1.712	10	10	5.82	No	1.712 Thermal Discharging
SLP073	61	'536955161_/_536955159'		10	10	1.712	4.6	10	5.82	No	1.712 Thermal Discharging
SLP073	62	'536955149_/_536955147'		10	10	1.712	10	10	5.82	No	1.712 Thermal Discharging
SLP073	63	'536955167_/_536955165'		10	10	1.712	10	10	5.82	No	1.712 Thermal Discharging
SLP073	64	'8685299_/_9627891'		10	10	1.712	4.9	10	5.82	No	1.712 Thermal Discharging
SLP073	65	'379904617_/_379904636'		10	10	1.712	4.9	10	5.82	No	1.712 Thermal Discharging
SLP073	66	'536955551_/_536955614'		10	10	1.712	10	10	5.82	No	1.712 Thermal Discharging
SLP073	67	'112126438_/_536955700'		10	10	1.712	10	10	5.82	No	1.712 Thermal Discharging
SLP073	68	'536956010_/_536956064'		10	10	1.712	4.6	10	5.82	No	1.712 Thermal Discharging
SLP073	69	'536955997_/_536956007'		10	10	1.712	4.6	10	5.82	No	1.712 Thermal Discharging
SLP073	70	'536955998_/_536955995'		10	10	1.712	4.6	10	5.82	No	1.712 Thermal Discharging
SLP073	71	'536956004_/_536956001'		10	10	1.712	4.6	10	5.82	No	1.712 Thermal Discharging
SLP073	72	'536956016_/_536956013'		10	10	1.712	4.6	10	5.82	No	1.712 Thermal Discharging
SLP073	73	'8375151_/_9317236'		10	10	1.712	4.9	10	5.82	No	1.712 Thermal Discharging
SLP073	74	'9003229_/_112126444'		10	10	1.712	10	10	5.82	No	1.712 Thermal Discharging
SLP073	75	'9317199_/_9317196'		10	10	1.712	10	10	5.82	No	1.712 Thermal Discharging
SLP073	76	'599616864_/_599616880'		10	10	1.712	4.6	10	5.82	No	1.712 Thermal Discharging
SLP073	77	'9627834_/_9627831'		10	10	1.712	10	10	5.82	No	1.712 Thermal Discharging
SLP073	78	'43815437_/_5949042'	3.33	3.33	3.33	0.568	1.1	3.33	1.94	No	0.568 Thermal Discharging
SLP073	79	'5951780_/_43815604'	6.67	6.67	6.67	1.136	1	6.67	3.88	No	1 Element Fault
SLP073	80	'536955777_/_555847909'		10	10	1.712	4.6	10	5.82	No	1.712 Thermal Discharging
SLP073	81	'536955879_/_536955759_2'		10	10	1.712	4.6	10	5.82	No	1.712 Thermal Discharging
SLP073	82	'536956180_/_536956196'	3.33	3.33	3.33	0.568	1.53	3.33	1.94	No	0.568 Thermal Discharging
SLP073	83	'108366290_/_108366308'		10	10	1.712	4.9	10	5.82	No	1.712 Thermal Discharging
SLP073	84	'118874536_/_112125595'		10	10	1.712	10	10	5.82	No	1.712 Thermal Discharging
SLP073	85	'5952401_/_536955759_1'		10	10	1.712	1.5	10	5.82	No	1.5 Element Fault
SLP073	86	'5949058_/_5949055'	3.33	3.33	3.33	0.568	1.1	3.33	1.94	No	0.568 Thermal Discharging
SLP073	87	'108366367_/_108366396'		10	10	1.712	4.9	10	5.82	No	1.712 Thermal Discharging
SLP073	88	'5949071_/_5949068'	3.33	3.33	3.33	0.568	1.1	3.33	1.94	No	0.568 Thermal Discharging
SLP073	89	'240551348_/_9003387_1'		10	10	1.712	1.5	10	5.82	No	1.5 Element Fault
SLP073	90	'7425498_/_7425496'		10	10	1.712	4.9	10	5.82	No	1.712 Thermal Discharging
SLP073	91	'9628004_/_9628001'		10	10	1.712	10	10	5.82	No	1.712 Thermal Discharging
SLP073	92	'43819375_/_9003387_2'		10	10	1.712	1.5	10	5.82	No	1.5 Element Fault
SLP073	93	'8060298_/_8375520'		10	10	1.712	4.9	10	5.82	No	1.712 Thermal Discharging
SLP073	94	'7736138_/_8375148'		10	10	1.712	4.9	10	5.82	No	1.712 Thermal Discharging
SLP073	95	'106623800_/_8060295'		10	10	1.712	4.9	10	5.82	No	1.712 Thermal Discharging
SLP073	96	'7420358_/_7736135'		10	10	1.712	4.9	10	5.82	No	1.712 Thermal Discharging
SLP073	97	'5949084_/_5949081'	3.33	3.33	3.33	0.568	1.1	3.33	1.94	No	0.568 Thermal Discharging
SLP073	98	'112395490_/_112395496'	6.67	6.67	6.67	1.136	3.27	6.67	3.88	No	1.136 Thermal Discharging
SLP073	99	'5949155_/_5949152'	3.33	3.33	3.33	0.568	1.1	3.33	1.94	No	0.568 Thermal Discharging
SLP073	100	'106623709_/_9628161'		10	10	1.712	4.9	10	5.82	No	1.712 Thermal Discharging
SLP073	101	'106623623_/_106623620'		10	10	1.712	4.9	10	5.82	No	1.712 Thermal Discharging
SLP073	102	'106623725_/_106623643'		10	10	1.712	4.9	10	5.82	No	1.712 Thermal Discharging
SLP073	103	'106623693_/_106623629'		10	10	1.712	4.9	10	5.82	No	1.712 Thermal Discharging
SLP073	104	'403276662_/_403276659'		10	10	1.712	4.9	10	5.82	No	1.712 Thermal Discharging
SLP073	105	'112395619_/_112395624'		10	10	1.712	4.9	10	5.82	No	1.712 Thermal Discharging
SLP073	106	'389135728_/_7420355'		10	10	1.712	4.9	10	5.82	No	1.712 Thermal Discharging
SLP073	107	'37943020_/_9628021'		10	10	1.712	10	10	5.82	No	1.712 Thermal Discharging
SLP073	108	'404679375_/_37943024'		10	10	1.712	10	10	5.82	No	1.712 Thermal Discharging
SLP073	109	'37943034_/_37943031'		10	10	1.712	10	10	5.82	No	1.712 Thermal Discharging
SLP073	110	'37943055_/_37943059'		10	10	1.712	5.1	10	5.82	No	1.712 Thermal Discharging
SLP073	111	'37943069_/_37943066'		10	10	1.712	5.1	10	5.82	No	1.712 Thermal Discharging
SLP073	112	'43819427_/_43819377'		10	10	1.712	1.5	10	5.82	No	1.5 Element Fault
SLP073	113	'514367254_/_514367276'		10	10	1.712	5.1	10	5.82	No	1.712 Thermal Discharging
SLP073	114	'5949100_/_5949097'	3.33	3.33	3.33	0.568	1.1	3.33	1.94	No	0.568 Thermal Discharging
SLP073	115	'50001424_/_9061911'		10	10	1.712	5.1	10	5.82	No	1.712 Thermal Discharging
SLP073	116	'50001404_/_38010701'		10	10	1.712	5.1	10	5.82	No	1.712 Thermal Discharging
SLP073	117	'50001435_/_38010708'		10	10	1.712	5.1	10	5.82	No	1.712 Thermal Discharging
SLP073	118	'50001405_/_38010666'		10	10	1.712	5.1	10	5.82	No	1.712 Thermal Discharging
SLP073	119	'50001415_/_38010680'		10	10	1.712	5.1	10	5.82	No	1.712 Thermal Discharging
SLP073	120	'52658768_/_52658775'		10	10	1.712	4.9	10	5.82	No	1.712 Thermal Discharging
SLP073	121	'5952471_/_5953215'		10	10	1.712	1.5	10	5.82	No	1.5 Element Fault
SLP073	122	'389135707_/_389135726'		10	10	1.712	4.9	10	5.82	No	1.712 Thermal Discharging
SLP073	123	'56972750_/_9689642'		10	10	1.712	5.1	10	5.82	No	1.712 Thermal Discharging
SLP073	124	'37942950_/_9003247'		10	10	1.712	5.1	10	5.82	No	1.712 Thermal Discharging
SLP073	125	'37942929_/_37942954'		10	10	1.712	5.1	10	5.82	No	1.712 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SLP073	126	'37942936_/37942933'	3.33	3.33	3.33	0.568	1.7	3.33	1.94 No	0.568	Thermal Discharging
SLP073	127	'37942964_/37942961'	10	10	10	1.712	5.1	10	5.82 No	1.712	Thermal Discharging
SLP073	128	'37942922_/37942926'	10	10	10	1.712	5.1	10	5.82 No	1.712	Thermal Discharging
SLP073	129	'154582166_/154582176'	10	10	10	1.712	10	10	5.82 No	1.712	Thermal Discharging
SLP073	130	'457089120_/9061931'	10	10	10	1.712	5.1	10	5.82 No	1.712	Thermal Discharging
SLP073	131	'457089137_/457089046'	10	10	10	1.712	5.1	10	5.82 No	1.712	Thermal Discharging
SLP073	132	'243756330_/154603552_1'	10	10	10	1.712	10	10	5.82 No	1.712	Thermal Discharging
SLP073	133	'8060178_/9317448'	10	10	10	1.712	5.1	10	5.82 No	1.712	Thermal Discharging
SLP073	134	'154581953_/154603552_2'	10	10	10	1.712	10	10	5.82 No	1.712	Thermal Discharging
SLP073	135	'5954078_/5954129'	10	10	10	1.712	10	10	5.82 No	1.712	Thermal Discharging
SLP073	136	'154582019_/154581962'	10	10	10	1.712	10	10	5.82 No	1.712	Thermal Discharging
SLP073	137	'5954112_/154582028'	10	10	10	1.712	10	10	5.82 No	1.712	Thermal Discharging
SLP073	138	'154671068_/154582495_1'	3.7	10	10	1.712	1.5	10	5.82 No	1.5	Element Fault
SLP073	139	'75153659_/157888028'	10	10	10	1.712	4.9	10	5.82 No	1.712	Thermal Discharging
SLP073	140	'8744931_/8744928'	10	10	10	1.712	4.3	10	5.82 No	1.712	Thermal Discharging
SLP073	141	'5954079_/43813506_1'	6.67	6.67	6.67	1.136	1	6.67	3.88 No	1	Element Fault
SLP073	142	'457088759_/457088778'	10	10	10	1.712	5.1	10	5.82 No	1.712	Thermal Discharging
SLP073	143	'5952597_/5954146'	10	10	10	1.712	10	10	5.82 No	1.712	Thermal Discharging
SLP073	144	'389135791_/389135789'	10	10	10	1.712	4.9	10	5.82 No	1.712	Thermal Discharging
SLP073	145	'393034847_/393034851'	10	10	10	1.712	5.1	10	5.82 No	1.712	Thermal Discharging
SLP073	146	'5952598_/5952608_1'	3.33	3.33	3.33	0.568	0.5	3.33	1.94 No	0.5	Element Fault
SLP073	147	'555848458_/555848473'	10	10	10	1.712	4.9	10	5.82 No	1.712	Thermal Discharging
SLP073	148	'5952665_/5952773'	10	10	10	1.712	10	10	5.82 No	1.712	Thermal Discharging
SLP073	149	'5949019_/5949110'	3.33	3.33	3.33	0.568	1.1	3.33	1.94 No	0.568	Thermal Discharging
SLP073	150	'393034889_/393034934'	10	10	10	1.712	5.1	10	5.82 No	1.712	Thermal Discharging
SLP073	151	'555848309_/536956544'	10	10	10	1.712	4.9	10	5.82 No	1.712	Thermal Discharging
SLP073	152	'555848304_/536956419'	10	10	10	1.712	4.9	10	5.82 No	1.712	Thermal Discharging
SLP073	153	'555848313_/536956425'	10	10	10	1.712	4.9	10	5.82 No	1.712	Thermal Discharging
SLP073	154	'555848317_/536956431'	10	10	10	1.712	4.9	10	5.82 No	1.712	Thermal Discharging
SLP073	155	'555848305_/536956413'	10	10	10	1.712	4.9	10	5.82 No	1.712	Thermal Discharging
SLP073	156	'5952666_/5952663'	3.33	3.33	3.33	0.568	0.5	3.33	1.94 No	0.5	Element Fault
SLP073	157	'75153622_/75153666'	10	10	10	1.712	4.9	10	5.82 No	1.712	Thermal Discharging
SLP073	158	'5952793_/5952790'	10	10	10	1.712	10	10	5.82 No	1.712	Thermal Discharging
SLP073	159	'393034805_/393034908'	10	10	10	1.712	5.1	10	5.82 No	1.712	Thermal Discharging
SLP073	160	'555848419_/536956581'	10	10	10	1.712	4.9	10	5.82 No	1.712	Thermal Discharging
SLP073	161	'555847692_/555847722'	3.33	3.33	3.33	0.568	1.4	3.33	1.94 No	0.568	Thermal Discharging
SLP073	162	'7736217_/7736215'	3.33	3.33	3.33	0.568	1.4	3.33	1.94 No	0.568	Thermal Discharging
SLP073	163	'5952611_/5952608_2'	3.33	3.33	3.33	0.568	0.5	3.33	1.94 No	0.5	Element Fault
SLP073	164	'583483049_/9003487'	10	10	10	1.712	4.9	10	5.82 No	1.712	Thermal Discharging
SLP073	165	'8375190_/8375188_1'	3.33	3.33	3.33	0.568	0.5	3.33	1.94 No	0.5	Element Fault
SLP073	166	'57458128_/56972747'	10	10	10	1.712	5.1	10	5.82 No	1.712	Thermal Discharging
SLP073	167	'5952810_/5952807'	10	10	10	1.712	10	10	5.82 No	1.712	Thermal Discharging
SLP073	168	'102429975_/536956477'	3.33	3.33	3.33	0.568	1.4	3.33	1.94 No	0.568	Thermal Discharging
SLP073	169	'381483104_/381483108'	10	10	10	1.712	5.1	10	5.82 No	1.712	Thermal Discharging
SLP073	170	'381483146_/397394868'	10	10	10	1.712	5.1	10	5.82 No	1.712	Thermal Discharging
SLP073	171	'9317410_/9317408'	10	10	10	1.712	5.1	10	5.82 No	1.712	Thermal Discharging
SLP073	172	'635092496_/37943157'	10	10	10	1.712	5.1	10	5.82 No	1.712	Thermal Discharging
SLP073	173	'635092511_/37943136'	10	10	10	1.712	5.1	10	5.82 No	1.712	Thermal Discharging
SLP073	174	'8375423_/37943129'	10	10	10	1.712	5.1	10	5.82 No	1.712	Thermal Discharging
SLP073	175	'5952636_/5952676'	3.33	3.33	3.33	0.568	0.5	3.33	1.94 No	0.5	Element Fault
SLP073	176	'380377306_/380377310'	10	10	10	1.712	5.1	10	5.82 No	1.712	Thermal Discharging
SLP073	177	'5948724_/5952824'	10	10	10	1.712	10	10	5.82 No	1.712	Thermal Discharging
SLP073	178	'5954097_/43813506_2'	6.67	6.67	6.67	1.136	1	6.67	3.88 No	1	Element Fault
SLP073	179	'380377348_/380377388'	10	10	10	1.712	5.1	10	5.82 No	1.712	Thermal Discharging
SLP073	180	'37943167_/562882577'	10	10	10	1.712	5.1	10	5.82 No	1.712	Thermal Discharging
SLP073	181	'37943174_/37943171'	10	10	10	1.712	5.1	10	5.82 No	1.712	Thermal Discharging
SLP073	182	'37943181_/37943178'	10	10	10	1.712	5.1	10	5.82 No	1.712	Thermal Discharging
SLP073	183	'37943209_/37943206'	10	10	10	1.712	5.1	10	5.82 No	1.712	Thermal Discharging
SLP073	184	'37943195_/37943199'	10	10	10	1.712	5.1	10	5.82 No	1.712	Thermal Discharging
SLP073	185	'43819069_/5952257'	10	10	10	1.712	10	10	5.82 No	1.712	Thermal Discharging
SLP073	186	'553996584_/5952277'	10	10	10	1.712	10	10	5.82 No	1.712	Thermal Discharging
SLP073	187	'583563479_/553996590'	10	10	10	1.712	10	10	5.82 No	1.712	Thermal Discharging
SLP073	188	'583482887_/583483090'	10	10	10	1.712	4.9	10	5.82 No	1.712	Thermal Discharging
SLP073	189	'583482886_/583482884'	10	10	10	1.712	4.9	10	5.82 No	1.712	Thermal Discharging
SLP073	190	'583482893_/583482890'	10	10	10	1.712	4.9	10	5.82 No	1.712	Thermal Discharging
SLP073	191	'583482905_/583482902'	10	10	10	1.712	4.9	10	5.82 No	1.712	Thermal Discharging
SLP073	192	'553996678_/553996625_1'	10	10	10	1.712	10	10	5.82 No	1.712	Thermal Discharging
SLP073	193	'5951922_/5951920'	10	10	10	1.712	10	10	5.82 No	1.712	Thermal Discharging
SLP073	194	'5952280_/583563483'	10	10	10	1.712	10	10	5.82 No	1.712	Thermal Discharging
SLP073	195	'5948711_/43813595_2'	3.33	3.33	3.33	0.568	1.1	3.33	1.94 No	0.568	Thermal Discharging
SLP073	196	'583563550_/583563515_1'	10	10	10	1.712	1.5	10	5.82 No	1.5	Element Fault
SLP073	197	'7792175_/380377352'	10	10	10	1.712	5.1	10	5.82 No	1.712	Thermal Discharging
SLP073	198	'583483115_/583483174'	3.33	3.33	3.33	0.568	1.4	3.33	1.94 No	0.568	Thermal Discharging
SLP073	199	'5945612_/5951937'	10	10	10	1.712	10	10	5.82 No	1.712	Thermal Discharging
SLP073	200	'9317430_/9317428'	10	10	10	1.712	4.3	10	5.82 No	1.712	Thermal Discharging
SLP073	201	'5952705_/5952702'	10	10	10	1.712	10	10	5.82 No	1.712	Thermal Discharging
SLP073	202	'112395556_/112395649'	3.33	3.33	3.33	0.568	1.63	3.33	1.94 No	0.568	Thermal Discharging
SLP073	203	'43813665_/5951883'	10	10	10	1.712	10	10	5.82 No	1.712	Thermal Discharging
SLP073	204	'5952722_/5952719'	10	10	10	1.712	10	10	5.82 No	1.712	Thermal Discharging
SLP073	205	'8375283_/8375420'	10	10	10	1.712	5.1	10	5.82 No	1.712	Thermal Discharging
SLP073	206	'555847805_/9317256'	3.33	3.33	3.33	0.568	1.4	3.33	1.94 No	0.568	Thermal Discharging
SLP073	207	'43815403_/5949016'	3.33	3.33	3.33	0.568	1.1	3.33	1.94 No	0.568	Thermal Discharging
SLP073	208	'276591084_/43813655_1'	10	10	10	1.712	3.5	10	5.82 No	1.712	Thermal Discharging
SLP073	209	'5951656_/5951653'	3.33	3.33	3.33	0.568	1.1	3.33	1.94 No	0.568	Thermal Discharging
SLP073	210	'5949129_/5949126'	3.33	3.33	3.33	0.568	1.1	3.33	1.94 No	0.568	Thermal Discharging
SLP073	211	'5948639_/5948636_1'	6.67	6.67	6.67	1.136	1	6.67	3.88 No	1	Element Fault
SLP073	212	'5948876_/5951900'	10	10	10	1.712	10	10	5.82 No	1.712	Thermal Discharging
SLP073	213	'555847843_/555847859'	3.33	3.33	3.33	0.568	1.4	3.33	1.94 No	0.568	Thermal Discharging
SLP073	214	'5948654_/5948636_2'	6.67	6.67	6.67	1.136	1	6.67	3.88 No	1	Element Fault
SLP073	215	'555848195_/555847696_2'	3.33	3.33	3.33	0.568	1.4	3.33	1.94 No	0.568	Thermal Discharging
SLP073	216	'43813653_/43813655_2'	10	10	10	1.712	3.5	10	5.82 No	1.712	Thermal Discharging
SLP073	217	'43813545_/5952634'	3.33	3.33	3.33	0.568	0.5	3.33	1.94 No	0.5	Element Fault
SLP073	218	'5948829_/5948841'	10	10	10	1.712	8.9	10	5.82 No	1.712	Thermal Discharging
SLP073	219	'102430020_/555847696_1'	3.33	3.33	3.33	0.568	0.1	3.33	1.94 No	0.1	Element Fault

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SLP073	220	'389135673_/119242016'	3.33	3.33	3.33	0.568	0.1	3.33	1.94 No	0.1 Element Fault	
SLP073	221	'5951957_/5951954'	10	10	10	1.712	8.9	10	5.82 No	1.712 Thermal Discharging	
SLP073	222	'468957955_/64021296'	10	10	10	1.712	5.1	10	5.82 No	1.712 Thermal Discharging	
SLP073	223	'7792176_/7792173'	10	10	10	1.712	5.1	10	5.82 No	1.712 Thermal Discharging	
SLP073	224	'43813516_/5952621'	3.33	3.33	3.33	0.568	0.5	3.33	1.94 No	0.5 Element Fault	
SLP073	225	'43813593_/43813595_1'	3.33	3.33	3.33	0.568	0.5	3.33	1.94 No	0.5 Element Fault	
SLP073	226	'119570493_/119570498'	10	10	10	1.712	5.1	10	5.82 No	1.712 Thermal Discharging	
SLP073	227	'8060414_/8375204'	10	10	10	1.712	5.1	10	5.82 No	1.712 Thermal Discharging	
SLP073	228	'37943006_/8375280'	10	10	10	1.712	5.1	10	5.82 No	1.712 Thermal Discharging	
SLP073	229	'404679315_/404679312'	3.2	10	10	1.712	5.1	10	5.82 No	1.712 Thermal Discharging	
SLP073	230	'37942978_/37942982'	3.2	10	10	1.712	5.1	10	5.82 No	1.712 Thermal Discharging	
SLP073	231	'8060413_/8060411'	10	10	10	1.712	5.1	10	5.82 No	1.712 Thermal Discharging	
SLP073	232	'5948780_/5951974'	10	10	10	1.712	8.9	10	5.82 No	1.712 Thermal Discharging	
SLP073	233	'5952177_/43818643'	3.33	3.33	3.33	0.568	0.5	3.33	1.94 No	0.5 Element Fault	
SLP073	234	'211777816_/5948826'	6.67	6.67	6.67	1.136	2.2	6.67	3.88 No	1.136 Thermal Discharging	
SLP073	235	'43815459_/5951666'	3.33	3.33	3.33	0.568	1.1	3.33	1.94 No	0.568 Thermal Discharging	
SLP073	236	'5948781_/5948778_1'	6.67	6.67	6.67	1.136	1	6.67	3.88 No	1 Element Fault	
SLP073	237	'5949770_/5949797'	10	10	10	1.712	8.9	10	5.82 No	1.712 Thermal Discharging	
SLP073	238	'43813560_/5952689'	3.33	3.33	3.33	0.568	0.5	3.33	1.94 No	0.5 Element Fault	
SLP073	239	'8685243_/9627851'	8.6	10	10	1.712	4.9	10	5.82 No	1.712 Thermal Discharging	
SLP073	240	'5948796_/5948778_2'	6.67	6.67	6.67	1.136	1	6.67	3.88 No	1 Element Fault	
SLP073	241	'553996498_/553996625_2'	10	10	10	1.712	10	10	5.82 No	1.712 Thermal Discharging	
SLP073	242	'479080672_/479081109'	3.33	3.33	3.33	0.568	1.1	3.33	1.94 No	0.568 Thermal Discharging	
SLP073	243	'385890403_/479080678'	3.33	3.33	3.33	0.568	1.1	3.33	1.94 No	0.568 Thermal Discharging	
SLP073	244	'385890414_/385890369'	3.33	3.33	3.33	0.568	1.1	3.33	1.94 No	0.568 Thermal Discharging	
SLP073	245	'385890303_/385890385'	3.33	3.33	3.33	0.568	1.1	3.33	1.94 No	0.568 Thermal Discharging	
SLP073	246	'5930379_/5930389'	3.33	3.33	3.33	0.568	1.1	3.33	1.94 No	0.568 Thermal Discharging	
SLP073	247	'5945473_/5945470_1'	3.33	3.33	3.33	0.568	0.5	3.33	1.94 No	0.5 Element Fault	
SLP073	248	'8375191_/8375188_2'	3.33	3.33	3.33	0.568	0.5	3.33	1.94 No	0.5 Element Fault	
SLP073	249	'38051598_/553996506'	10	10	10	1.712	10	10	5.82 No	1.712 Thermal Discharging	
SLP073	250	'404504212_/38051595'	10	10	10	1.712	10	10	5.82 No	1.712 Thermal Discharging	
SLP073	251	'38051205_/38051202'	10	10	10	1.712	1.6	10	5.82 No	1.6 Element Fault	
SLP073	252	'38051577_/38051574'	10	10	10	1.712	10	10	5.82 No	1.712 Thermal Discharging	
SLP073	253	'5949820_/5949817'	10	10	10	1.712	8.9	10	5.82 No	1.712 Thermal Discharging	
SLP073	254	'5945582_/5945594'	10	10	10	1.712	3.5	10	5.82 No	1.712 Thermal Discharging	
SLP073	255	'7425538_/8375620'	10	10	10	1.712	5.1	10	5.82 No	1.712 Thermal Discharging	
SLP073	256	'583484210_/583482965_2'	7.5	10	10	1.712	4.9	10	5.82 No	1.712 Thermal Discharging	
SLP073	257	'5948993_/5949003'	3.33	3.33	3.33	0.568	1	3.33	1.94 No	0.568 Thermal Discharging	
SLP073	258	'535641589_/479080911_2'	3.33	3.33	3.33	0.568	1.1	3.33	1.94 No	0.568 Thermal Discharging	
SLP073	259	'5949187_/583482965_1'	7.5	10	10	1.712	0.9	10	5.82 No	0.9 Element Fault	
SLP073	260	'479080691_/479080911_1'	3.33	3.33	3.33	0.568	0.5	3.33	1.94 No	0.5 Element Fault	
SLP073	261	'5949837_/5949834'	10	10	10	1.712	8.9	10	5.82 No	1.712 Thermal Discharging	
SLP073	262	'156482864_/156482976'	3.2	10	10	1.712	5.1	10	5.82 No	1.712 Thermal Discharging	
SLP073	263	'43813630_/5948859'	6.67	6.67	6.67	1.136	1	6.67	3.88 No	1 Element Fault	
SLP073	264	'583563307_/583563515_2'	10	10	10	1.712	1.5	10	5.82 No	1.5 Element Fault	
SLP073	265	'5948765_/5948762'	3.33	3.33	3.33	0.568	1.1	3.33	1.94 No	0.568 Thermal Discharging	
SLP073	266	'43813527_/5952902'	3.33	3.33	3.33	0.568	0.5	3.33	1.94 No	0.5 Element Fault	
SLP073	267	'5945459_/5945470_2'	3.33	3.33	3.33	0.568	0.5	3.33	1.94 No	0.5 Element Fault	
SLP073	268	'43813701_/5954058'	6.67	6.67	6.67	1.136	1	6.67	3.88 No	1 Element Fault	
SLP073	269	'5949755_/5949851'	10	10	10	1.712	8.9	10	5.82 No	1.712 Thermal Discharging	
SLP073	270	'43813538_/5952647'	3.33	3.33	3.33	0.568	0.5	3.33	1.94 No	0.5 Element Fault	
SLP073	271	'5948697_/5948695'	3.33	3.33	3.33	0.568	0.5	3.33	1.94 No	0.5 Element Fault	
SLP073	272	'5945434_/43813805_3'	3.33	3.33	3.33	0.568	1.4	3.33	1.94 No	0.568 Thermal Discharging	
SLP073	273	'37943111_/8776828'	10	10	10	1.712	1.6	10	5.82 No	1.6 Element Fault	
SLP073	274	'37943090_/37943115'	10	10	10	1.712	1.6	10	5.82 No	1.6 Element Fault	
SLP073	275	'37943083_/37943087'	3.33	3.33	3.33	0.568	0.53	3.33	1.94 No	0.53 Element Fault	
SLP073	276	'404679461_/404679458'	3.33	3.33	3.33	0.568	0.53	3.33	1.94 No	0.53 Element Fault	
SLP073	277	'38050502_/38050499'	10	10	10	1.712	1.6	10	5.82 No	1.6 Element Fault	
SLP073	278	'43815464_/43815461'	3	3.33	3.33	0.568	1.1	3.33	1.94 No	0.568 Thermal Discharging	
SLP073	279	'43815492_/5930376'	3.13	3.33	3.33	0.568	1.1	3.33	1.94 No	0.568 Thermal Discharging	
SLP073	280	'5951552_/479081258'	3.23	3.33	3.33	0.568	0.5	3.33	1.94 No	0.5 Element Fault	
SLP073	281	'7425539_/7425536'	9.1	10	10	1.712	5.1	10	5.82 No	1.712 Thermal Discharging	
SLP073	282	'5949871_/5949868'	10	10	10	1.712	8.9	10	5.82 No	1.712 Thermal Discharging	
SLP073	283	'588767584_/43813805_2'	3.33	3.33	3.33	0.568	1.4	3.33	1.94 No	0.568 Thermal Discharging	
SLP073	284	'43819401_/5949334'	4.33	6.67	6.67	1.136	0.6	6.67	3.88 No	0.6 Element Fault	
SLP073	285	'385890797_/385890755'	2.7	3.33	3.33	0.568	1.1	3.33	1.94 No	0.568 Thermal Discharging	
SLP073	286	'5949888_/5949885'	10	10	10	1.712	8.9	10	5.82 No	1.712 Thermal Discharging	
SLP073	287	'61189986_/468957996'	8.1	10	10	1.712	5.1	10	5.82 No	1.712 Thermal Discharging	
SLP073	288	'385890850_/385890777_1'	2.7	3.33	3.33	0.568	0.8	3.33	1.94 No	0.568 Thermal Discharging	
SLP073	289	'43813803_/43813805_1'	3.33	3.33	3.33	0.568	0.5	3.33	1.94 No	0.5 Element Fault	
SLP073	290	'7425578_/9003587'	8.3	10	10	1.712	5.1	10	5.82 No	1.712 Thermal Discharging	
SLP073	291	'5945567_/5945579'	10	10	10	1.712	3.5	10	5.82 No	1.712 Thermal Discharging	
SLP073	292	'5945460_/43813772'	3.33	3.33	3.33	0.568	0.5	3.33	1.94 No	0.5 Element Fault	
SLP073	293	'5949742_/5949902'	10	10	10	1.712	8.9	10	5.82 No	1.712 Thermal Discharging	
SLP073	294	'8375247_/437065257'	3.23	3.33	3.33	0.568	0.5	3.33	1.94 No	0.5 Element Fault	
SLP073	295	'468957889_/468957920'	8.1	10	10	1.712	5.1	10	5.82 No	1.712 Thermal Discharging	
SLP073	296	'8685222_/8685240'	6.1	10	10	1.712	4.9	10	5.82 No	1.712 Thermal Discharging	
SLP073	297	'5949188_/5949185'	4.07	6.67	6.67	1.136	0.6	6.67	3.88 No	0.6 Element Fault	
SLP073	298	'5952692_/43813562'	3.33	3.33	3.33	0.568	0.5	3.33	1.94 No	0.5 Element Fault	
SLP073	299	'8776790_/8776788'	10	10	10	1.712	1.6	10	5.82 No	1.6 Element Fault	
SLP073	300	'43813757_/5949919'	10	10	10	1.712	8.9	10	5.82 No	1.712 Thermal Discharging	
SLP073	301	'5945366_/5949739_1'	3.33	3.33	3.33	0.568	0.5	3.33	1.94 No	0.5 Element Fault	
SLP073	302	'5945314_/5949739_2'	3.33	3.33	3.33	0.568	0.5	3.33	1.94 No	0.5 Element Fault	
SLP073	303	'5948980_/5948990'	2.37	3.33	3.33	0.568	1	3.33	1.94 No	0.568 Thermal Discharging	
SLP073	304	'7827298_/7827296'	3.33	3.33	3.33	0.568	0.53	3.33	1.94 No	0.53 Element Fault	
SLP073	305	'43813706_/43813703'	6.67	6.67	6.67	1.136	1	6.67	3.88 No	1 Element Fault	
SLP073	306	'5945313_/5949739_3'	3.33	3.33	3.33	0.568	0.5	3.33	1.94 No	0.5 Element Fault	
SLP073	307	'5952905_/43813529'	3.33	3.33	3.33	0.568	0.5	3.33	1.94 No	0.5 Element Fault	
SLP073	308	'5948862_/43813632'	6.4	6.67	6.67	1.136	1	6.67	3.88 No	1 Element Fault	
SLP073	309	'43813582_/43813584'	3	3.33	3.33	0.568	0.5	3.33	1.94 No	0.5 Element Fault	
SLP073	310	'7425579_/7425576'	7.1	10	10	1.712	5.1	10	5.82 No	1.712 Thermal Discharging	
SLP073	311	'5951565_/5951562'	2.27	3.33	3.33	0.568	0.5	3.33	1.94 No	0.5 Element Fault	
SLP073	312	'7425559_/8060431'	7.1	10	10	1.712	5.1	10	5.82 No	1.712 Thermal Discharging	
SLP073	313	'7425558_/7425556'	6.9	10	10	1.712	5.1	10	5.82 No	1.712 Thermal Discharging	

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SLP073	314	'5945408_/_5945418'	3.33	3.33	3.33	0.568	0.5	3.33	1.94 No	0.5	Element Fault
SLP073	315	'5930365_/_5930363'	2.1	3.33	3.33	0.568	1	3.33	1.94 No	0.568	Thermal Discharging
SLP073	316	'5945326_/_5949784'	3.33	3.33	3.33	0.568	0.5	3.33	1.94 No	0.5	Element Fault
SLP073	317	'9003609_/_9003607'	6.9	10	10	1.712	5.1	10	5.82 No	1.712	Thermal Discharging
SLP073	318	'43818652_/_5952161'	3.33	3.33	3.33	0.568	0.5	3.33	1.94 No	0.5	Element Fault
SLP073	319	'5945552_/_5945564'	7.8	10	10	1.712	3.5	10	5.82 No	1.712	Thermal Discharging
SLP073	320	'66468481_/_73685242'	8.7	10	10	1.712	1.6	10	5.82 No	1.6	Element Fault
SLP073	321	'385890720_/_385890777_2'	2.1	3.33	3.33	0.568	0.8	3.33	1.94 No	0.568	Thermal Discharging
SLP073	322	'5952650_/_43813540'	2.6	3.33	3.33	0.568	0.5	3.33	1.94 No	0.5	Element Fault
SLP073	323	'360072889_/_360072850_1'	2.87	3.33	3.33	0.568	0.5	3.33	1.94 No	0.5	Element Fault
SLP073	324	'5952352_/_5952349'	3.47	6.67	6.67	1.136	0.6	6.67	3.88 No	0.6	Element Fault
SLP073	325	'73685339_/_73685346'	8.7	10	10	1.712	1.6	10	5.82 No	1.6	Element Fault
SLP073	326	'5951578_/_5951575'	2	3.33	3.33	0.568	0.5	3.33	1.94 No	0.5	Element Fault
SLP073	327	'5930590_/_5951692'	2	3.33	3.33	0.568	0.8	3.33	1.94 No	0.568	Thermal Discharging
SLP073	328	'66468468_/_73685360'	7.8	10	10	1.712	1.6	10	5.82 No	1.6	Element Fault
SLP073	329	'410640574_/_8685220'	5.1	10	10	1.712	4.9	10	5.82 No	1.712	Thermal Discharging
SLP073	330	'43813792_/_5945405'	3.27	3.33	3.33	0.568	0.5	3.33	1.94 No	0.5	Element Fault
SLP073	331	'468957754_/_468957840'	3.4	10	10	1.712	5.1	10	5.82 No	1.712	Thermal Discharging
SLP073	332	'9003570_/_9628237'	6.1	10	10	1.712	5.1	10	5.82 No	1.712	Thermal Discharging
SLP073	333	'5951695_/_385890722'	1.9	3.33	3.33	0.568	0.8	3.33	1.94 No	0.568	Thermal Discharging
SLP073	334	'43815481_/_43815483'	1.83	3.33	3.33	0.568	1	3.33	1.94 No	0.568	Thermal Discharging
SLP073	335	'43815392_/_5948977'	1.77	3.33	3.33	0.568	1	3.33	1.94 No	0.568	Thermal Discharging
SLP073	336	'43813825_/_5945324'	3.33	3.33	3.33	0.568	0.5	3.33	1.94 No	0.5	Element Fault
SLP073	337	'5945301_/_5952148'	3.33	3.33	3.33	0.568	0.5	3.33	1.94 No	0.5	Element Fault
SLP073	338	'5949202_/_5952841'	3.13	6.67	6.67	1.136	0.6	6.67	3.88 No	0.6	Element Fault
SLP073	339	'43813689_/_5945549'	6.2	10	10	1.712	3.5	10	5.82 No	1.712	Thermal Discharging
SLP073	340	'119570367_/_119570561'	5.5	10	10	1.712	5.1	10	5.82 No	1.712	Thermal Discharging
SLP073	341	'7420394_/_9003567'	5.6	10	10	1.712	5.1	10	5.82 No	1.712	Thermal Discharging
SLP073	342	'410640662_/_410640707'	4.6	10	10	1.712	4.9	10	5.82 No	1.712	Thermal Discharging
SLP073	343	'5951591_/_5951588'	1.73	3.33	3.33	0.568	0.5	3.33	1.94 No	0.5	Element Fault
SLP073	344	'468957709_/_468957770'	3.4	10	10	1.712	5.1	10	5.82 No	1.712	Thermal Discharging
SLP073	345	'5948672_/_5948682'	2.1	3.33	3.33	0.568	0.5	3.33	1.94 No	0.5	Element Fault
SLP073	346	'5945378_/_5945392'	2.57	3.33	3.33	0.568	0.5	3.33	1.94 No	0.5	Element Fault
SLP073	347	'5915254_/_5930587'	1.73	3.33	3.33	0.568	0.8	3.33	1.94 No	0.568	Thermal Discharging
SLP073	348	'5945288_/_5945298'	3.33	3.33	3.33	0.568	0.5	3.33	1.94 No	0.5	Element Fault
SLP073	349	'5930340_/_5930350'	1.6	3.33	3.33	0.568	1	3.33	1.94 No	0.568	Thermal Discharging
SLP073	350	'5945340_/_5945337'	3.27	3.33	3.33	0.568	0.5	3.33	1.94 No	0.5	Element Fault
SLP073	351	'410640618_/_410640681'	4.3	10	10	1.712	4.9	10	5.82 No	1.712	Thermal Discharging
SLP073	352	'8375262_/_410640622'	4.3	10	10	1.712	4.9	10	5.82 No	1.712	Thermal Discharging
SLP073	353	'5951604_/_5951601_1'	1.53	3.33	3.33	0.568	0.5	3.33	1.94 No	0.5	Element Fault
SLP073	354	'5952859_/_5952856'	1.37	3.33	3.33	0.568	0.3	3.33	1.94 No	0.3	Element Fault
SLP073	355	'43813869_/_5945285'	2.83	3.33	3.33	0.568	0.5	3.33	1.94 No	0.5	Element Fault
SLP073	356	'8457467_/_8776808'	5.6	10	10	1.712	1.6	10	5.82 No	1.6	Element Fault
SLP073	357	'43815448_/_5951601_2'	1.5	3.33	3.33	0.568	0.5	3.33	1.94 No	0.5	Element Fault
SLP073	358	'5949233_/_5949230'	2.73	6.67	6.67	1.136	0.6	6.67	3.88 No	0.6	Element Fault
SLP073	359	'5948953_/_5948964'	1.47	3.33	3.33	0.568	1	3.33	1.94 No	0.568	Thermal Discharging
SLP073	360	'5945537_/_5948734'	5.1	10	10	1.712	3.5	10	5.82 No	1.712	Thermal Discharging
SLP073	361	'7420413_/_7420411'	2.53	6.67	6.67	1.136	3.27	6.67	3.88 No	1.136	Thermal Discharging
SLP073	362	'5949203_/_5949200'	2.6	6.67	6.67	1.136	0.6	6.67	3.88 No	0.6	Element Fault
SLP073	363	'43813571_/_43813573'	1.73	3.33	3.33	0.568	0.5	3.33	1.94 No	0.5	Element Fault
SLP073	364	'43815470_/_5930337'	1.43	3.33	3.33	0.568	1	3.33	1.94 No	0.568	Thermal Discharging
SLP073	365	'5945353_/_5945350'	2.6	3.33	3.33	0.568	0.5	3.33	1.94 No	0.5	Element Fault
SLP073	366	'390601440_/_390601434'	1.43	3.33	3.33	0.568	1	3.33	1.94 No	0.568	Thermal Discharging
SLP073	367	'7420393_/_7420391'	4.7	10	10	1.712	5.1	10	5.82 No	1.712	Thermal Discharging
SLP073	368	'8375382_/_9627981'	4.6	10	10	1.712	5.1	10	5.82 No	1.712	Thermal Discharging
SLP073	369	'43815580_/_43815582'	1.43	3.33	3.33	0.568	0.8	3.33	1.94 No	0.568	Thermal Discharging
SLP073	370	'5945379_/_43813783'	1.9	3.33	3.33	0.568	0.5	3.33	1.94 No	0.5	Element Fault
SLP073	371	'5915255_/_5915252'	1.4	3.33	3.33	0.568	0.8	3.33	1.94 No	0.568	Thermal Discharging
SLP073	372	'7420377_/_8375260'	3.8	10	10	1.712	4.9	10	5.82 No	1.712	Thermal Discharging
SLP073	373	'5945259_/_5945269'	2.27	3.33	3.33	0.568	0.5	3.33	1.94 No	0.5	Element Fault
SLP073	374	'43813724_/_5948889'	2.3	3.33	3.33	0.568	0.5	3.33	1.94 No	0.5	Element Fault
SLP073	375	'5951617_/_43815450'	1.33	3.33	3.33	0.568	0.5	3.33	1.94 No	0.5	Element Fault
SLP073	376	'43815381_/_5948951'	1.3	3.33	3.33	0.568	1	3.33	1.94 No	0.568	Thermal Discharging
SLP073	377	'8060143_/_8375300'	3.7	10	10	1.712	4.9	10	5.82 No	1.712	Thermal Discharging
SLP073	378	'8060144_/_8060141'	3.7	10	10	1.712	4.9	10	5.82 No	1.712	Thermal Discharging
SLP073	379	'43815614_/_5952869'	1.2	3.33	3.33	0.568	0.3	3.33	1.94 No	0.3	Element Fault
SLP073	380	'43814756_/_5949215'	2.4	6.67	6.67	1.136	0.6	6.67	3.88 No	0.6	Element Fault
SLP073	381	'45179394_/_5952579'	1.53	3.33	3.33	0.568	0.5	3.33	1.94 No	0.5	Element Fault
SLP073	382	'7736233_/_8060155'	3.6	10	10	1.712	4.9	10	5.82 No	1.712	Thermal Discharging
SLP073	383	'7736234_/_7736231'	3.6	10	10	1.712	4.9	10	5.82 No	1.712	Thermal Discharging
SLP073	384	'43813902_/_5945534'	4.4	10	10	1.712	3.5	10	5.82 No	1.712	Thermal Discharging
SLP073	385	'5951826_/_5951853'	2.1	3.33	3.33	0.568	0.5	3.33	1.94 No	0.5	Element Fault
SLP073	386	'5933190_/_5933200'	1.27	3.33	3.33	0.568	0.8	3.33	1.94 No	0.568	Thermal Discharging
SLP073	387	'5951630_/_5951627'	1.23	3.33	3.33	0.568	0.5	3.33	1.94 No	0.5	Element Fault
SLP073	388	'7736254_/_9003307'	3.5	10	10	1.712	4.9	10	5.82 No	1.712	Thermal Discharging
SLP073	389	'5945258_/_5945256'	1.97	3.33	3.33	0.568	0.5	3.33	1.94 No	0.5	Element Fault
SLP073	390	'43815591_/_5915268'	1.23	3.33	3.33	0.568	0.8	3.33	1.94 No	0.568	Thermal Discharging
SLP073	391	'7736253_/_7736251'	3.5	10	10	1.712	4.9	10	5.82 No	1.712	Thermal Discharging
SLP073	392	'5948954_/_43815383'	1.17	3.33	3.33	0.568	1	3.33	1.94 No	0.568	Thermal Discharging
SLP073	393	'5951827_/_5951824'	1.93	3.33	3.33	0.568	0.5	3.33	1.94 No	0.5	Element Fault
SLP073	394	'468957857_/_468957911'	1.17	3.33	3.33	0.568	1.7	3.33	1.94 No	0.568	Thermal Discharging
SLP073	395	'119570454_/_119570407'	3.8	10	10	1.712	5.1	10	5.82 No	1.712	Thermal Discharging
SLP073	396	'468957832_/_468957873'	1.13	3.33	3.33	0.568	1.7	3.33	1.94 No	0.568	Thermal Discharging
SLP073	397	'37942992_/_8685276'	3.3	10	10	1.712	4.9	10	5.82 No	1.712	Thermal Discharging
SLP073	398	'37942985_/_37942989'	3.3	10	10	1.712	5.1	10	5.82 No	1.712	Thermal Discharging
SLP073	399	'5952872_/_43815616'	1.07	3.33	3.33	0.568	0.3	3.33	1.94 No	0.3	Element Fault
SLP073	400	'154582456_/_154582465'	3.7	10	10	1.712	5.1	10	5.82 No	1.712	Thermal Discharging
SLP073	401	'5933177_/_5933187'	1.13	3.33	3.33	0.568	0.8	3.33	1.94 No	0.568	Thermal Discharging
SLP073	402	'43818401_/_5951840'	1.8	3.33	3.33	0.568	0.5	3.33	1.94 No	0.5	Element Fault
SLP073	403	'5951643_/_5951640'	1.1	3.33	3.33	0.568	0.5	3.33	1.94 No	0.5	Element Fault
SLP073	404	'8375227_/_8375380'	3.7	10	10	1.712	5.1	10	5.82 No	1.712	Thermal Discharging
SLP073	405	'5915271_/_43815593'	1.1	3.33	3.33	0.568	0.8	3.33	1.94 No	0.568	Thermal Discharging
SLP073	406	'5951843_/_43818403'	1.8	3.33	3.33	0.568	0.5	3.33	1.94 No	0.5	Element Fault
SLP073	407	'5945485_/_5945516'	3.7	10	10	1.712	3.5	10	5.82 No	1.712	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SLP073	408	'43813858_/43813860'	1.63	3.33	3.33	0.568	0.5	3.33	1.94 No	0.5	Element Fault
SLP073	409	'43813914_/43813916'	2.47	6.67	6.67	1.136	2.33	6.67	3.88 No	1.136	Thermal Discharging
SLP073	410	'43815536_/43815538'	1	3.33	3.33	0.568	0.8	3.33	1.94 No	0.568	Thermal Discharging
SLP073	411	'8060124_/8375224'	3.3	10	10	1.712	5.1	10	5.82 No	1.712	Thermal Discharging
SLP073	412	'8060104_/8060121'	3.3	10	10	1.712	5.1	10	5.82 No	1.712	Thermal Discharging
SLP073	413	'5952099_/5952097'	2.4	6.67	6.67	1.136	2.33	6.67	3.88 No	1.136	Thermal Discharging
SLP073	414	'5945486_/5945483'	3.3	10	10	1.712	3.5	10	5.82 No	1.712	Thermal Discharging
SLP073	415	'5952070_/5952068'	1.4	3.33	3.33	0.568	0.5	3.33	1.94 No	0.5	Element Fault
SLP073	416	'5945504_/5945501'	3.2	10	10	1.712	3.5	10	5.82 No	1.712	Thermal Discharging
SLP073	417	'5933176_/5933174'	0.9	3.33	3.33	0.568	0.8	3.33	1.94 No	0.568	Thermal Discharging
SLP073	418	'5945228_/5948917'	3	10	10	1.712	3.4	10	5.82 No	1.712	Thermal Discharging
SLP073	419	'5945210_/5945225'	3	10	10	1.712	3.4	10	5.82 No	1.712	Thermal Discharging
SLP073	420	'43813891_/5952081'	1.07	3.33	3.33	0.568	1	3.33	1.94 No	0.568	Thermal Discharging
SLP073	421	'7516626_/9721120'	0.97	3.33	3.33	0.568	0.53	3.33	1.94 No	0.53	Element Fault
SLP073	422	'7516627_/7516624'	0.93	3.33	3.33	0.568	0.53	3.33	1.94 No	0.53	Element Fault
SLP073	423	'43819473_/43819475'	0.83	3.33	3.33	0.568	0.8	3.33	1.94 No	0.568	Thermal Discharging
SLP073	424	'5945195_/5945207'	2.8	10	10	1.712	3.4	10	5.82 No	1.712	Thermal Discharging
SLP073	425	'7420378_/7420375'	0.77	3.33	3.33	0.568	1.63	3.33	1.94 No	0.568	Thermal Discharging
SLP073	426	'5952084_/43813893'	1	3.33	3.33	0.568	1	3.33	1.94 No	0.568	Thermal Discharging
SLP073	427	'5945243_/5945240'	1	3.33	3.33	0.568	1	3.33	1.94 No	0.568	Thermal Discharging
SLP073	428	'5933164_/5953464'	0.8	3.33	3.33	0.568	0.8	3.33	1.94 No	0.568	Thermal Discharging
SLP073	429	'43813392_/43813394'	2.6	10	10	1.712	3.4	10	5.82 No	1.712	Thermal Discharging
SLP073	430	'5945165_/5945177'	2.5	9.9	10	1.712	3.4	10	5.82 No	1.712	Thermal Discharging
SLP073	431	'5933151_/5933161'	0.73	3.33	3.33	0.568	0.8	3.33	1.94 No	0.568	Thermal Discharging
SLP073	432	'43813404_/5945162'	2.3	9.2	10	1.712	3.4	10	5.82 No	1.712	Thermal Discharging
SLP073	433	'43815525_/43815527'	0.67	3.33	3.33	0.568	0.8	3.33	1.94 No	0.568	Thermal Discharging
SLP073	434	'5945150_/43813406'	2.2	8.6	10	1.712	3.4	10	5.82 No	1.712	Thermal Discharging
SLP073	435	'5933125_/5933135'	0.63	3.3	3.33	0.568	0.8	3.33	1.94 No	0.568	Thermal Discharging
SLP073	436	'5933112_/5933122'	0.6	3.13	3.33	0.568	0.8	3.33	1.94 No	0.568	Thermal Discharging
SLP073	437	'43813416_/43813418'	2.1	8.1	10	1.712	3.4	10	5.82 No	1.712	Thermal Discharging
SLP073	438	'43815202_/5933109'	0.6	2.97	3.33	0.568	0.8	3.33	1.94 No	0.568	Thermal Discharging
SLP073	439	'5945116_/5945132'	2	7.7	10	1.712	3.4	10	5.82 No	1.712	Thermal Discharging
SLP073	440	'5933098_/5933096'	0.57	2.83	3.33	0.568	0.8	3.33	1.94 No	0.568	Thermal Discharging
SLP073	441	'5945017_/5945114'	1.9	7.3	10	1.712	3.4	10	5.82 No	1.712	Thermal Discharging
SLP073	442	'263259297_/263259400_2'	1.9	7.3	10	1.712	3.4	10	5.82 No	1.712	Thermal Discharging
SLP073	443	'263259358_/263259400_1'	1.9	7.2	10	1.712	0.7	10	5.82 No	0.7	Element Fault
SLP073	444	'5938816_/5938826'	0.53	2.7	3.33	0.568	0.8	3.33	1.94 No	0.53	Primary Over-Voltage
SLP073	445	'415688199_/415688157'	1.2	4.6	6.67	1.136	0.4	6.67	3.88 No	0.4	Element Fault
SLP073	446	'157549356_/5945015'	1.8	7.1	10	1.712	3.3	10	5.82 No	1.712	Thermal Discharging
SLP073	447	'415688119_/415688066_1'	1.8	7.1	10	1.712	0.6	10	5.82 No	0.6	Element Fault
SLP073	448	'5938800_/5938813'	0.53	2.6	3.33	0.568	0.8	3.33	1.94 No	0.53	Primary Over-Voltage
SLP073	449	'415688145_/415688066_2'	1.8	6.9	10	1.712	0.6	10	5.82 No	0.6	Element Fault
SLP073	450	'5929767_/5938797'	0.5	2.53	3.33	0.568	0.8	3.33	1.94 No	0.5	Primary Over-Voltage
SLP073	451	'43813380_/393106545'	1.13	4.4	6.67	1.136	0.2	6.67	3.88 No	0.2	Element Fault
SLP073	452	'253129177_/253129187'	1.7	6.7	10	1.712	0.7	10	5.82 No	0.7	Element Fault
SLP073	453	'402264462_/415688209'	1.7	6.6	10	1.712	0.6	10	5.82 No	0.6	Element Fault
SLP073	454	'402264536_/402264481_2'	1.7	6.6	10	1.712	0.6	10	5.82 No	0.6	Element Fault
SLP073	455	'393106543_/402264481_1'	1.7	6.6	10	1.712	0.3	10	5.82 No	0.3	Element Fault
SLP073	456	'263259472_/253129264_2'	0.57	2.2	3.33	0.568	0.23	3.33	1.94 No	0.23	Element Fault
SLP073	457	'253129284_/253129264_1'	0.57	2.2	3.33	0.568	0.23	3.33	1.94 No	0.23	Element Fault
SLP073	458	'253129324_/253129296_1'	0.57	2.17	3.33	0.568	0.1	3.33	1.94 No	0.1	Element Fault
SLP073	459	'43815213_/43815215'	0.5	2.4	3.33	0.568	0.8	3.33	1.94 No	0.5	Primary Over-Voltage
SLP073	460	'253129444_/253129342_1'	0.57	2.17	3.33	0.568	0.23	3.33	1.94 No	0.23	Element Fault
SLP073	461	'43819082_/253129296_2'	0.57	2.13	3.33	0.568	0.1	3.33	1.94 No	0.1	Element Fault
SLP073	462	'5945069_/43813382'	1.13	4.2	6.67	1.136	0.2	6.67	3.88 No	0.2	Element Fault
SLP073	463	'5929728_/5929751'	0.47	2.3	3.33	0.568	0.8	3.33	1.94 No	0.47	Primary Over-Voltage
SLP073	464	'5952297_/5952310'	0.6	2.03	3.33	0.568	0.1	3.33	1.94 No	0.1	Element Fault
SLP073	465	'5929715_/5929725_2'	0.43	2.17	3.33	0.568	0.8	3.33	1.94 No	0.43	Primary Over-Voltage
SLP073	466	'5929702_/5929725_1'	0.43	2.17	3.33	0.568	0.5	3.33	1.94 No	0.43	Primary Over-Voltage
SLP073	467	'5948940_/5952294'	0.6	1.93	3.33	0.568	0.1	3.33	1.94 No	0.1	Element Fault
SLP073	468	'5929741_/5929738'	0.43	2.13	3.33	0.568	0.5	3.33	1.94 No	0.43	Primary Over-Voltage
SLP073	469	'415688304_/415688291'	0.5	2.03	3.33	0.568	0.2	3.33	1.94 No	0.2	Element Fault
SLP073	470	'5929688_/5929699'	0.43	2.1	3.33	0.568	0.5	3.33	1.94 No	0.43	Primary Over-Voltage
SLP073	471	'43815180_/5929777'	0.43	2.03	3.33	0.568	0.5	3.33	1.94 No	0.43	Primary Over-Voltage
SLP073	472	'5948941_/5948938'	0.57	1.87	3.33	0.568	0.1	3.33	1.94 No	0.1	Element Fault
SLP073	473	'43815169_/5929686'	0.4	2.03	3.33	0.568	0.5	3.33	1.94 No	0.4	Primary Over-Voltage
SLP073	474	'5929793_/5929790'	0.4	2	3.33	0.568	0.5	3.33	1.94 No	0.4	Primary Over-Voltage
SLP073	475	'5929806_/5929803'	0.4	1.97	3.33	0.568	0.5	3.33	1.94 No	0.4	Primary Over-Voltage
SLP073	476	'5929689_/43815171'	0.4	1.97	3.33	0.568	0.5	3.33	1.94 No	0.4	Primary Over-Voltage
SLP073	477	'5929819_/5929816'	0.4	1.9	3.33	0.568	0.5	3.33	1.94 No	0.4	Primary Over-Voltage
SLP073	478	'392254533_/5929829'	0.4	1.9	3.33	0.568	0.5	3.33	1.94 No	0.4	Primary Over-Voltage
SLP073	479	'43815191_/392254541'	0.37	1.83	3.33	0.568	0.5	3.33	1.94 No	0.37	Primary Over-Voltage
SLP073	480	'5930509_/43815193'	0.37	1.8	3.33	0.568	0.5	3.33	1.94 No	0.37	Primary Over-Voltage
SLP073	481	'5930522_/5930519'	0.37	1.77	3.33	0.568	0.5	3.33	1.94 No	0.37	Primary Over-Voltage
SLP073	482	'43815547_/5930532'	0.37	1.73	3.33	0.568	0.5	3.33	1.94 No	0.37	Primary Over-Voltage
SLP073	483	'5930548_/43815549'	0.33	1.67	3.33	0.568	0.5	3.33	1.94 No	0.33	Primary Over-Voltage
SLP073	484	'43815558_/5938005'	0.33	1.63	3.33	0.568	0.5	3.33	1.94 No	0.33	Primary Over-Voltage
SLP073	485	'5938021_/5938018'	0.33	1.57	3.33	0.568	0.5	3.33	1.94 No	0.33	Primary Over-Voltage
SLP073	486	'43815569_/5938031'	0.33	1.53	3.33	0.568	0.5	3.33	1.94 No	0.33	Primary Over-Voltage
SLP073	487	'5930560_/43815571'	0.3	1.5	3.33	0.568	0.5	3.33	1.94 No	0.3	Primary Over-Voltage
SLP073	488	'5930561_/5930558'	0.3	1.47	3.33	0.568	0.5	3.33	1.94 No	0.3	Primary Over-Voltage
SLP073	489	'5930574_/5930571'	0.3	1.47	3.33	0.568	0.5	3.33	1.94 No	0.3	Primary Over-Voltage
SLP074	0	'SLP074_/9004163'	10	10	10	2.104	10	10	1.06 No	1.06	Unintentional Islanding
SLP074	1	'8433434_/9004163'	10	10	10	2.104	10	10	1.06 No	1.06	Unintentional Islanding
SLP074	2	'7487529_/8433432'	10	10	10	2.104	10	10	1.06 No	1.06	Unintentional Islanding
SLP074	3	'7487528_/7487526'	10	10	10	2.104	10	10	1.06 No	1.06	Unintentional Islanding
SLP074	4	'9318333_/9628731'	10	10	10	2.104	10	10	1.06 No	1.06	Unintentional Islanding
SLP074	5	'8375739_/9318330'	10	10	10	2.104	10	10	1.06 No	1.06	Unintentional Islanding
SLP074	6	'7736720_/8375736'	10	10	10	2.104	10	10	1.06 No	1.06	Unintentional Islanding
SLP074	7	'7736719_/7736717'	10	10	10	2.104	10	10	1.06 No	1.06	Unintentional Islanding
SLP074	8	'8060510_/9317744'	10	10	10	2.104	10	10	1.06 No	1.06	Unintentional Islanding
SLP074	9	'8060509_/8060507'	10	10	10	2.104	10	10	1.06 No	1.06	Unintentional Islanding
SLP074	10	'51888776_/9317604'	10	10	10	2.104	10	10	1.06 No	1.06	Unintentional Islanding
SLP074	11	'7425659_/7736565'	10	10	10	2.104	10	10	1.06 No	1.06	Unintentional Islanding

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SLP074	12	'7425658_/_7425656'		10	10	10	2.104	10	10	1.06 No	1.06 Unintentional Islanding
SLP074	13	'7425698_/_7425696'		10	10	10	2.104	10	10	1.06 No	1.06 Unintentional Islanding
SLP074	14	'7425679_/_9003667'		10	10	10	2.104	10	10	1.05 No	1.05 Unintentional Islanding
SLP074	15	'7425678_/_7425676'		10	10	10	2.104	10	10	1.05 No	1.05 Unintentional Islanding
SLP074	16	'7736453_/_7736451'		10	10	10	2.104	10	10	1.05 No	1.05 Unintentional Islanding
SLP074	17	'8060373_/_8060371'		10	10	10	2.104	10	10	1.05 No	1.05 Unintentional Islanding
SLP074	18	'50764092_/_9681850_2'		10	10	10	2.104	10	10	1.05 No	1.05 Unintentional Islanding
SLP074	19	'4887458_/_9681850_1'		10	10	10	2.104	10	10	1.05 No	1.05 Unintentional Islanding
SLP074	20	'89908578_/_4887455'		10	10	10	2.104	10	10	1.05 No	1.05 Unintentional Islanding
SLP074	21	'4861031_/_4887475'		10	10	10	2.104	10	10	1.05 No	1.05 Unintentional Islanding
SLP074	22	'87065800_/_70838312_1'		10	10	10	2.104	1.6	10	1.05 No	1.05 Unintentional Islanding
SLP074	23	'4861032_/_4861029'		10	10	10	2.104	10	10	1.05 No	1.05 Unintentional Islanding
SLP074	24	'4861236_/_4861250'		10	10	10	2.104	10	10	1.05 No	1.05 Unintentional Islanding
SLP074	25	'4861219_/_4861233'		10	10	10	2.104	10	10	1.05 No	1.05 Unintentional Islanding
SLP074	26	'4861202_/_4861216'		10	10	10	2.104	10	10	1.05 No	1.05 Unintentional Islanding
SLP074	27	'8127941_/_4861199_2'		10	10	10	2.104	10	10	1.05 No	1.05 Unintentional Islanding
SLP074	28	'4861185_/_4861199_1'		10	10	10	2.104	10	10	1.05 No	1.05 Unintentional Islanding
SLP074	29	'8127942_/_9072657_1'		10	10	10	2.104	3.7	10	1.05 No	1.05 Unintentional Islanding
SLP074	30	'4861184_/_4861182'		10	10	10	2.104	10	10	1.05 No	1.05 Unintentional Islanding
SLP074	31	'43597656_/_43597658'	3.33	3.33	3.33	3.33	0.704	1	3.33	0.35 No	0.35 Unintentional Islanding
SLP074	32	'54752911_/_43597253_2'	3.33	3.33	3.33	3.33	0.704	1	3.33	0.35 No	0.35 Unintentional Islanding
SLP074	33	'4888938_/_4888952'	10	10	10	10	2.104	10	10	1.05 No	1.05 Unintentional Islanding
SLP074	34	'4882835_/_4882832_2'	3.33	3.33	3.33	3.33	0.704	1	3.33	0.35 No	0.35 Unintentional Islanding
SLP074	35	'43596928_/_43596930'	3.33	3.33	3.33	3.33	0.704	0.9	3.33	0.35 No	0.35 Unintentional Islanding
SLP074	36	'4861168_/_4888935'	10	10	10	10	2.104	10	10	1.05 No	1.05 Unintentional Islanding
SLP074	37	'43597645_/_43597647'	3.33	3.33	3.33	3.33	0.704	1.1	3.33	0.35 No	0.35 Unintentional Islanding
SLP074	38	'4882877_/_4882874_2'	3.33	3.33	3.33	3.33	0.704	0.9	3.33	0.35 No	0.35 Unintentional Islanding
SLP074	39	'4861151_/_4861165'	10	10	10	10	2.104	10	10	1.05 No	1.05 Unintentional Islanding
SLP074	40	'43597251_/_43597253_1'	3.33	3.33	3.33	3.33	0.704	0.5	3.33	0.35 No	0.35 Unintentional Islanding
SLP074	41	'4882796_/_4882793_2'	3.33	3.33	3.33	3.33	0.704	1.1	3.33	0.35 No	0.35 Unintentional Islanding
SLP074	42	'4861116_/_4861148'	10	10	10	10	2.104	10	10	1.05 No	1.05 Unintentional Islanding
SLP074	43	'43597216_/_4861114'	10	10	10	10	2.104	10	10	1.05 No	1.05 Unintentional Islanding
SLP074	44	'4861117_/_7354376_1'	10	10	10	10	2.104	3.4	10	1.05 No	1.05 Unintentional Islanding
SLP074	45	'4861100_/_4861131'	10	10	10	10	2.104	10	10	1.05 No	1.05 Unintentional Islanding
SLP074	46	'4882822_/_4882832_1'	3.33	3.33	3.33	3.33	0.704	0.5	3.33	0.35 No	0.35 Unintentional Islanding
SLP074	47	'4882660_/_43597207_2'	3.33	3.33	3.33	3.33	0.704	1	3.33	0.35 No	0.35 Unintentional Islanding
SLP074	48	'7493905_/_9072657_2'	10	10	10	10	2.104	3.7	10	1.05 No	1.05 Unintentional Islanding
SLP074	49	'4882864_/_4882874_1'	3.33	3.33	3.33	3.33	0.704	0.5	3.33	0.35 No	0.35 Unintentional Islanding
SLP074	50	'4861082_/_4861097'	10	10	10	10	2.104	10	10	1.04 No	1.04 Unintentional Islanding
SLP074	51	'43597240_/_43597242'	3.33	3.33	3.33	3.33	0.704	1	3.33	0.35 No	0.35 Unintentional Islanding
SLP074	52	'4861066_/_4861080'	10	10	10	10	2.104	10	10	1.04 No	1.04 Unintentional Islanding
SLP074	53	'468905071_/_70838312_2'	10	10	10	10	2.104	1.6	10	1.05 No	1.05 Unintentional Islanding
SLP074	54	'43597205_/_43597207_1'	3.33	3.33	3.33	3.33	0.704	0.5	3.33	0.35 No	0.35 Unintentional Islanding
SLP074	55	'4882783_/_4882793_1'	3.33	3.33	3.33	3.33	0.704	0.5	3.33	0.35 No	0.35 Unintentional Islanding
SLP074	56	'4882699_/_4882696_2'	3.33	3.33	3.33	3.33	0.704	1	3.33	0.35 No	0.35 Unintentional Islanding
SLP074	57	'43597170_/_4861063'	10	10	10	10	2.104	10	10	1.04 No	1.04 Unintentional Islanding
SLP074	58	'567451463_/_567451493'	10	10	10	10	2.104	10	10	1.04 No	1.04 Unintentional Islanding
SLP074	59	'567451475_/_503465296_2'	10	10	10	10	2.104	5.4	10	1.04 No	1.04 Unintentional Islanding
SLP074	60	'4882728_/_4882738'	3.33	3.33	3.33	3.33	0.704	0.5	3.33	0.35 No	0.35 Unintentional Islanding
SLP074	61	'7354379_/_7354376_2'	10	10	10	10	2.104	3.4	10	1.04 No	1.04 Unintentional Islanding
SLP074	62	'4861048_/_4861046'	10	10	10	10	2.104	10	10	1.04 No	1.04 Unintentional Islanding
SLP074	63	'4882556_/_4882553_2'	6.67	6.67	6.67	6.67	1.4	2.3	6.67	0.7 No	0.7 Unintentional Islanding
SLP074	64	'4882821_/_4882819'	3.33	3.33	3.33	3.33	0.704	0.5	3.33	0.35 No	0.35 Unintentional Islanding
SLP074	65	'43597895_/_43597897'	10	10	10	10	2.104	10	10	1.04 No	1.04 Unintentional Islanding
SLP074	66	'43597183_/_4882586'	3.33	3.33	3.33	3.33	0.704	1.1	3.33	0.35 No	0.35 Unintentional Islanding
SLP074	67	'7493904_/_7493902'	10	10	10	10	2.104	3.7	10	1.05 No	1.05 Unintentional Islanding
SLP074	68	'483339414_/_483339446'	10	10	10	10	2.104	1.6	10	1.05 No	1.05 Unintentional Islanding
SLP074	69	'4883031_/_4883045'	10	10	10	10	2.104	10	10	1.04 No	1.04 Unintentional Islanding
SLP074	70	'4882589_/_4882599_1'	3.33	3.33	3.33	3.33	0.704	0.5	3.33	0.35 No	0.35 Unintentional Islanding
SLP074	71	'8615358_/_9561154'	10	10	10	10	2.104	3.4	10	1.04 No	1.04 Unintentional Islanding
SLP074	72	'4882686_/_4882696_1'	3.33	3.33	3.33	3.33	0.704	0.5	3.33	0.35 No	0.35 Unintentional Islanding
SLP074	73	'4883014_/_4883028'	10	10	10	10	2.104	10	10	1.04 No	1.04 Unintentional Islanding
SLP074	74	'8306259_/_8933005_1'	10	10	10	10	2.104	1.6	10	1.04 No	1.04 Unintentional Islanding
SLP074	75	'419155329_/_419155331'	10	10	10	10	2.104	10	10	1.04 No	1.04 Unintentional Islanding
SLP074	76	'4882631_/_4882644'	3.33	3.33	3.33	3.33	0.704	0.5	3.33	0.35 No	0.35 Unintentional Islanding
SLP074	77	'4882727_/_4882725'	3.33	3.33	3.33	3.33	0.704	0.5	3.33	0.35 No	0.35 Unintentional Islanding
SLP074	78	'43597634_/_4882780'	3.33	3.33	3.33	3.33	0.704	0.5	3.33	0.35 No	0.35 Unintentional Islanding
SLP074	79	'4861003_/_4883011'	10	10	10	10	2.104	10	10	1.04 No	1.04 Unintentional Islanding
SLP074	80	'4860988_/_4861267'	10	10	10	10	2.104	10	10	1.04 No	1.04 Unintentional Islanding
SLP074	81	'8306597_/_8615356'	10	10	10	10	2.104	3.4	10	1.04 No	1.04 Unintentional Islanding
SLP074	82	'4883085_/_4883082'	10	10	10	10	2.104	10	10	1.04 No	1.04 Unintentional Islanding
SLP074	83	'4883102_/_4883099'	10	10	10	10	2.104	10	10	1.04 No	1.04 Unintentional Islanding
SLP074	84	'4860987_/_4883574_2'	6.67	6.67	6.67	6.67	1.4	2.3	6.67	0.69 No	0.69 Unintentional Islanding
SLP074	85	'4882555_/_4882553_1'	6.67	6.67	6.67	6.67	1.4	1	6.67	0.69 No	0.69 Unintentional Islanding
SLP074	86	'459742086_/_4883116'	10	10	10	10	2.104	10	10	1.04 No	1.04 Unintentional Islanding
SLP074	87	'7511618_/_7509332_2'	10	10	10	10	2.104	5.4	10	1.04 No	1.04 Unintentional Islanding
SLP074	88	'43597932_/_459742088'	10	10	10	10	2.104	10	10	1.04 No	1.04 Unintentional Islanding
SLP074	89	'4861019_/_43597910_2'	3.33	3.33	3.33	3.33	0.704	1.5	3.33	0.35 No	0.35 Unintentional Islanding
SLP074	90	'4883119_/_4883133_1'	10	10	10	10	2.104	10	10	1.04 No	1.04 Unintentional Islanding
SLP074	91	'4882530_/_4882599_2'	3.33	3.33	3.33	3.33	0.704	0.5	3.33	0.35 No	0.35 Unintentional Islanding
SLP074	92	'468905039_/_483339430'	10	10	10	10	2.104	1.6	10	1.05 No	1.05 Unintentional Islanding
SLP074	93	'69439588_/_4883133_2'	10	10	10	10	2.104	10	10	1.04 No	1.04 Unintentional Islanding
SLP074	94	'56971896_/_56971791_2'	10	10	10	10	2.104	5.3	10	1.04 No	1.04 Unintentional Islanding
SLP074	95	'43597908_/_43597910_1'	3.33	3.33	3.33	3.33	0.704	0.5	3.33	0.35 No	0.35 Unintentional Islanding
SLP074	96	'4883136_/_4883133_3'	10	10	10	10	2.104	10	10	1.04 No	1.04 Unintentional Islanding
SLP074	97	'7509334_/_7509332_1'	10	10	10	10	2.104	1.6	10	1.04 No	1.04 Unintentional Islanding
SLP074	98	'7672003_/_8306594'	10	10	10	10	2.104	3.4	10	1.04 No	1.04 Unintentional Islanding
SLP074	99	'8614955_/_8614952_2'	10	10	10	10	2.104	4.3	10	1.04 No	1.04 Unintentional Islanding
SLP074	100	'56971794_/_56971791_1'	10	10	10	10	2.104	1.5	10	1.04 No	1.04 Unintentional Islanding
SLP074	101	'56971768_/_7172430_1'	10	10	10	10	2.104	10	10	1.04 No	1.04 Unintentional Islanding
SLP074	102	'56971906_/_56971766_1'	10	10	10	10	2.104	1.5	10	1.04 No	1.04 Unintentional Islanding
SLP074	103	'7172433_/_7172430_2'	10	10	10	10	2.104	10	10	1.04 No	1.04 Unintentional Islanding
SLP074	104	'4883155_/_7172450'	10	10	10	10	2.104	10	10	1.04 No	1.04 Unintentional Islanding
SLP074	105	'7672004_/_7672001'	10	10	10	10	2.104	3.4	10	1.04 No	1.04 Unintentional Islanding

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
											VSR (MW)	Limiting Threshold
SLP074	106	'4882618_/_4882628'		3.33		3.33	3.33	0.704	0.5	3.33	0.35 No	0.35 Unintentional Islanding
SLP074	107	'56971769_/_56971766_2'		10		10	10	2.104	1.5	10	1.04 No	1.04 Unintentional Islanding
SLP074	108	'4883156_/_4883153'		10		10	10	2.104	10	10	1.04 No	1.04 Unintentional Islanding
SLP074	109	'7671727_/_8614912_2'		10		10	10	2.104	4.3	10	1.04 No	1.04 Unintentional Islanding
SLP074	110	'4861002_/_4861000'		3.33		3.33	3.33	0.704	1.1	3.33	0.35 No	0.35 Unintentional Islanding
SLP074	111	'43597229_/_43597231'		3.33		3.33	3.33	0.704	0.5	3.33	0.35 No	0.35 Unintentional Islanding
SLP074	112	'4883173_/_4883170_1'		10		10	10	2.104	10	10	1.04 No	1.04 Unintentional Islanding
SLP074	113	'43597919_/_4883170_2'		10		10	10	2.104	10	10	1.04 No	1.04 Unintentional Islanding
SLP074	114	'7511617_/_9402712'		10		10	10	2.104	1.6	10	1.04 No	1.04 Unintentional Islanding
SLP074	115	'4882123_/_4882861'		3.33		3.33	3.33	0.704	0.5	3.33	0.35 No	0.35 Unintentional Islanding
SLP074	116	'49148361_/_7509914_2'		10		10	10	2.104	5.6	10	1.04 No	1.04 Unintentional Islanding
SLP074	117	'4882361_/_4882767'		3.33		3.33	3.33	0.704	0.5	3.33	0.35 No	0.35 Unintentional Islanding
SLP074	118	'7991572_/_9561328'		10		10	10	2.104	3.4	10	1.04 No	1.04 Unintentional Islanding
SLP074	119	'4883190_/_43597921'		10		10	10	2.104	10	10	1.04 No	1.04 Unintentional Islanding
SLP074	120	'4882529_/_4882527'		3.33		3.33	3.33	0.704	0.5	3.33	0.35 No	0.35 Unintentional Islanding
SLP074	121	'43596764_/_4883204'		10		10	10	2.104	10	10	1.04 No	1.04 Unintentional Islanding
SLP074	122	'587435723_/_587435691_1'		10		10	10	2.104	1.5	10	1.04 No	1.04 Unintentional Islanding
SLP074	123	'56972214_/_56972211'		10		10	10	2.104	10	10	1.04 No	1.04 Unintentional Islanding
SLP074	124	'74256652_/_74256563_2'		10		10	10	2.104	5.6	10	1.04 No	1.04 Unintentional Islanding
SLP074	125	'8614954_/_8614952_1'		10		10	10	2.104	1.5	10	1.04 No	1.04 Unintentional Islanding
SLP074	126	'392440017_/_392440024'		10		10	10	2.104	10	10	1.04 No	1.04 Unintentional Islanding
SLP074	127	'397785620_/_397785580_1'		10		10	10	2.104	10	10	1.04 No	1.04 Unintentional Islanding
SLP074	128	'409393275_/_43596752_2'		10		10	10	2.104	10	10	1.04 No	1.04 Unintentional Islanding
SLP074	129	'43596750_/_43596752_1'		10		10	10	2.104	10	10	1.04 No	1.04 Unintentional Islanding
SLP074	130	'4860972_/_4883592'		3.33		3.33	3.33	0.704	0.5	3.33	0.35 No	0.35 Unintentional Islanding
SLP074	131	'587435667_/_587435691_2'		10		10	10	2.104	1.5	10	1.04 No	1.04 Unintentional Islanding
SLP074	132	'8933008_/_8933005_2'		10		10	10	2.104	1.6	10	1.04 No	1.04 Unintentional Islanding
SLP074	133	'74256595_/_74256563_1'		10		10	10	2.104	1.8	10	1.04 No	1.04 Unintentional Islanding
SLP074	134	'9561061_/_503465296_1'		10		10	10	2.104	1.6	10	1.04 No	1.04 Unintentional Islanding
SLP074	135	'654022330_/_654022292_1'		10		10	10	2.104	1.8	10	1.04 No	1.04 Unintentional Islanding
SLP074	136	'4882426_/_4882615'		3.33		3.33	3.33	0.704	0.5	3.33	0.35 No	0.35 Unintentional Islanding
SLP074	137	'431143157_/_431143031_1'		10		10	10	2.104	3.4	10	1.04 No	1.04 Unintentional Islanding
SLP074	138	'4882348_/_4882358'		3.33		3.33	3.33	0.704	0.5	3.33	0.35 No	0.35 Unintentional Islanding
SLP074	139	'7509916_/_7509914_1'		10		10	10	2.104	1.8	10	1.04 No	1.04 Unintentional Islanding
SLP074	140	'4882685_/_4882683'		3.33		3.33	3.33	0.704	0.5	3.33	0.35 No	0.35 Unintentional Islanding
SLP074	141	'8306039_/_9561058'		10		10	10	2.104	1.6	10	1.04 No	1.04 Unintentional Islanding
SLP074	142	'7354717_/_397785580_2'		10		10	10	2.104	10	10	1.04 No	1.04 Unintentional Islanding
SLP074	143	'43597194_/_4882540'		3.33		3.33	3.33	0.704	0.5	3.33	0.35 No	0.35 Unintentional Islanding
SLP074	144	'4860954_/_4883574_1'		6.67		6.67	6.67	1.4	1	6.67	0.69 No	0.69 Unintentional Islanding
SLP074	145	'4882425_/_4882423'		3.33		3.33	3.33	0.704	0.5	3.33	0.35 No	0.35 Unintentional Islanding
SLP074	146	'8614914_/_8614912_1'		10		10	10	2.104	1.5	10	1.04 No	1.04 Unintentional Islanding
SLP074	147	'4860913_/_4860969'		3.33		3.33	3.33	0.704	0.5	3.33	0.35 No	0.35 Unintentional Islanding
SLP074	148	'421639520_/_468905043'		10		10	10	2.104	1.6	10	1.04 No	1.04 Unintentional Islanding
SLP074	149	'421599818_/_37860859'		10		10	10	2.104	1.6	10	1.04 No	1.04 Unintentional Islanding
SLP074	150	'421599825_/_37860845'		10		10	10	2.104	1.6	10	1.04 No	1.04 Unintentional Islanding
SLP074	151	'421639530_/_37860831'		10		10	10	2.104	1.6	10	1.04 No	1.04 Unintentional Islanding
SLP074	152	'421639540_/_37860873'		10		10	10	2.104	1.6	10	1.04 No	1.04 Unintentional Islanding
SLP074	153	'431143012_/_431143061'		10		10	10	2.104	3.4	10	1.04 No	1.04 Unintentional Islanding
SLP074	154	'7354976_/_7354974'		9.5		10	10	2.104	1.6	10	1.04 No	1.04 Unintentional Islanding
SLP074	155	'7354251_/_8306036'		10		10	10	2.104	1.6	10	1.04 No	1.04 Unintentional Islanding
SLP074	156	'4882335_/_4882345'		3.33		3.33	3.33	0.704	0.5	3.33	0.35 No	0.35 Unintentional Islanding
SLP074	157	'4882124_/_4882121'		2.67		3.33	3.33	0.704	0.5	3.33	0.35 No	0.35 Unintentional Islanding
SLP074	158	'66581858_/_8615684_2'		8.3		10	10	2.104	1.6	10	1.04 No	1.04 Unintentional Islanding
SLP074	159	'4882283_/_4882332'		3.27		3.33	3.33	0.704	0.5	3.33	0.35 No	0.35 Unintentional Islanding
SLP074	160	'43597199_/_43597196'		3.33		3.33	3.33	0.704	0.5	3.33	0.35 No	0.35 Unintentional Islanding
SLP074	161	'8432280_/_8614992'		10		10	10	2.104	1.6	10	1.04 No	1.04 Unintentional Islanding
SLP074	162	'4889279_/_8615684_1'		8.1		10	10	2.104	1.6	10	1.04 No	1.04 Unintentional Islanding
SLP074	163	'4879331_/_7354248_2'		10		10	10	2.104	1.6	10	1.04 No	1.04 Unintentional Islanding
SLP074	164	'7991706_/_7991704'		7.9		10	10	2.104	1.6	10	1.04 No	1.04 Unintentional Islanding
SLP074	165	'43597869_/_7354248_1'		10		10	10	2.104	1	10	1.04 No	1 Element Fault
SLP074	166	'4889280_/_4889277'		8.1		10	10	2.104	1.6	10	1.04 No	1.04 Unintentional Islanding
SLP074	167	'4860912_/_4860910'		3.33		3.33	3.33	0.704	0.5	3.33	0.35 No	0.35 Unintentional Islanding
SLP074	168	'409393282_/_397785698_1'		10		10	10	2.104	10	10	1.03 No	1.03 Unintentional Islanding
SLP074	169	'76408886_/_397785698_2'		10		10	10	2.104	10	10	1.03 No	1.03 Unintentional Islanding
SLP074	170	'4889297_/_4889294'		7.6		10	10	2.104	1.6	10	1.04 No	1.04 Unintentional Islanding
SLP074	171	'43591212_/_4886796'		10		10	10	2.104	10	10	1.03 No	1.03 Unintentional Islanding
SLP074	172	'348252464_/_348252466'		10		10	10	2.104	10	10	1.03 No	1.03 Unintentional Islanding
SLP074	173	'7821072_/_7821070'		10		10	10	2.104	1.8	10	1.04 No	1.04 Unintentional Islanding
SLP074	174	'348252536_/_348252510_1'		1.8		5.5	10	2.104	1.5	10	1.03 No	1.03 Unintentional Islanding
SLP074	175	'4886762_/_4886816'		10		10	10	2.104	10	10	1.03 No	1.03 Unintentional Islanding
SLP074	176	'7671748_/_8933025'		10		10	10	2.104	1.8	10	1.04 No	1.04 Unintentional Islanding
SLP074	177	'4882296_/_4882293'		2.6		3.33	3.33	0.704	0.5	3.33	0.35 No	0.35 Unintentional Islanding
SLP074	178	'43590936_/_43590938'		10		10	10	2.104	10	10	1.03 No	1.03 Unintentional Islanding
SLP074	179	'4886744_/_4886742'		10		10	10	2.104	10	10	1.03 No	1.03 Unintentional Islanding
SLP074	180	'4860939_/_4860951'		6.67		6.67	6.67	1.4	1	6.67	0.69 No	0.69 Unintentional Islanding
SLP074	181	'4879297_/_4879328'		9.1		10	10	2.104	1	10	1.04 No	1 Element Fault
SLP074	182	'4882257_/_4882267'		2.47		3.33	3.33	0.704	0.5	3.33	0.35 No	0.35 Unintentional Islanding
SLP074	183	'8432281_/_8432278'		10		10	10	2.104	1.6	10	1.04 No	1.04 Unintentional Islanding
SLP074	184	'4887058_/_4887072'		10		10	10	2.104	10	10	1.03 No	1.03 Unintentional Islanding
SLP074	185	'7671632_/_8932811_2'		8.7		10	10	2.104	1	10	1.04 No	1 Element Fault
SLP074	186	'4883317_/_4883327'		3.33		3.33	3.33	0.704	0.5	3.33	0.34 No	0.34 Unintentional Islanding
SLP074	187	'43590923_/_43590925'		10		10	10	2.104	10	10	1.03 No	1.03 Unintentional Islanding
SLP074	188	'4883291_/_4883340'		3.33		3.33	3.33	0.704	0.5	3.33	0.34 No	0.34 Unintentional Islanding
SLP074	189	'4886438_/_4886725'		10		10	10	2.104	10	10	1.03 No	1.03 Unintentional Islanding
SLP074	190	'4882097_/_4882306'		2.27		3.33	3.33	0.704	0.5	3.33	0.35 No	0.35 Unintentional Islanding
SLP074	191	'43590899_/_43590901'		10		10	10	2.104	10	10	1.03 No	1.03 Unintentional Islanding
SLP074	192	'4882241_/_4882254'		2.23		3.33	3.33	0.704	0.5	3.33	0.35 No	0.35 Unintentional Islanding
SLP074	193	'8932813_/_8932811_1'		7.6		10	10	2.104	1	10	1.04 No	1 Element Fault
SLP074	194	'4883304_/_4883314'		3.33		3.33	3.33	0.704	0.5	3.33	0.34 No	0.34 Unintentional Islanding
SLP074	195	'43597882_/_4879294'		7.7		10	10	2.104	1	10	1.04 No	1 Element Fault
SLP074	196	'4886694_/_4886708'		10		10	10	2.104	10	10	1.03 No	1.03 Unintentional Islanding
SLP074	197	'4886363_/_4886691'		10		10	10	2.104	10	10	1.03 No	1.03 Unintentional Islanding
SLP074	198	'7671747_/_7671745'		9.4		10	10	2.104	1.8	10	1.03 No	1.03 Unintentional Islanding
SLP074	199	'4860938_/_4860936'		5.27		6.67	6.67	1.4	1	6.67	0.69 No	0.69 Unintentional Islanding

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
											VSR (MW)	Limiting Threshold
SLP074	200	'4886364_/_4886361'		10	10	10	2.104	10	10	1.03 No	1.03	Unintentional Islanding
SLP074	201	'4885605_/_4886671_2'		10	10	10	2.104	10	10	1.03 No	1.03	Unintentional Islanding
SLP074	202	'502797325_/_502797329'		7.2	10	10	2.104	1	10	1.04 No	1	Element Fault
SLP074	203	'43590873_/_4886671_1'		10	10	10	2.104	1.7	10	1.03 No	1.03	Unintentional Islanding
SLP074	204	'43590886_/_4886384'		10	10	10	2.104	10	10	1.03 No	1.03	Unintentional Islanding
SLP074	205	'4886387_/_4886401_1'		10	10	10	2.104	10	10	1.03 No	1.03	Unintentional Islanding
SLP074	206	'4882228_/_4882238'		2.03	3.33	3.33	0.704	0.5	3.33	0.35 No	0.35	Unintentional Islanding
SLP074	207	'4882098_/_4882095'		2.03	3.33	3.33	0.704	0.5	3.33	0.35 No	0.35	Unintentional Islanding
SLP074	208	'4884854_/_4886401_2'		10	10	10	2.104	10	10	1.03 No	1.03	Unintentional Islanding
SLP074	209	'4886421_/_4886418'		10	10	10	2.104	10	10	1.03 No	1.03	Unintentional Islanding
SLP074	210	'4883278_/_4883288'		3.33	3.33	3.33	0.704	0.5	3.33	0.34 No	0.34	Unintentional Islanding
SLP074	211	'4884855_/_4884865_1'		3.33	3.33	3.33	0.704	0.5	3.33	0.34 No	0.34	Unintentional Islanding
SLP074	212	'43593021_/_4886776'		10	10	10	2.104	10	10	1.03 No	1.03	Unintentional Islanding
SLP074	213	'4884925_/_4886452'		10	10	10	2.104	5.8	10	1.03 No	1.03	Unintentional Islanding
SLP074	214	'9250389_/_9250407'		8	10	10	2.104	1.8	10	1.03 No	1.03	Unintentional Islanding
SLP074	215	'4882321_/_4882319'		1.97	3.33	3.33	0.704	0.5	3.33	0.35 No	0.35	Unintentional Islanding
SLP074	216	'7813317_/_7813315'		3.33	3.33	3.33	0.704	0.53	3.33	0.34 No	0.34	Unintentional Islanding
SLP074	217	'572599938_/_4885111_1'		10	10	10	2.104	1.5	10	1.03 No	1.03	Unintentional Islanding
SLP074	218	'4886330_/_4886344'		10	10	10	2.104	10	10	1.03 No	1.03	Unintentional Islanding
SLP074	219	'4884499_/_4886327'		10	10	10	2.104	10	10	1.03 No	1.03	Unintentional Islanding
SLP074	220	'4886312_/_4886310'		10	10	10	2.104	10	10	1.03 No	1.03	Unintentional Islanding
SLP074	221	'63066032_/_63065990_2'		10	10	10	2.104	5.3	10	1.03 No	1.03	Unintentional Islanding
SLP074	222	'4885173_/_4885111_2'		10	10	10	2.104	1.5	10	1.03 No	1.03	Unintentional Islanding
SLP074	223	'4884536_/_4887306'		10	10	10	2.104	10	10	1.03 No	1.03	Unintentional Islanding
SLP074	224	'4884868_/_4884865_2'		3.33	3.33	3.33	0.704	0.5	3.33	0.34 No	0.34	Unintentional Islanding
SLP074	225	'8614995_/_8933045'		3.33	3.33	3.33	0.704	0.53	3.33	0.34 No	0.34	Unintentional Islanding
SLP074	226	'4886518_/_4886515'		10	10	10	2.104	1.5	10	1.03 No	1.03	Unintentional Islanding
SLP074	227	'4886279_/_4886293'		10	10	10	2.104	10	10	1.02 No	1.02	Unintentional Islanding
SLP074	228	'4884537_/_4884550_1'		3.33	3.33	3.33	0.704	0.5	3.33	0.34 No	0.34	Unintentional Islanding
SLP074	229	'4882215_/_4882225'		1.8	3.33	3.33	0.704	0.5	3.33	0.35 No	0.35	Unintentional Islanding
SLP074	230	'4886262_/_4886276'		10	10	10	2.104	10	10	1.02 No	1.02	Unintentional Islanding
SLP074	231	'4860900_/_4883301'		2.73	3.33	3.33	0.704	0.5	3.33	0.34 No	0.34	Unintentional Islanding
SLP074	232	'4886535_/_4886532'		10	10	10	2.104	1.5	10	1.03 No	1.03	Unintentional Islanding
SLP074	233	'4886242_/_4886259'		10	10	10	2.104	10	10	1.02 No	1.02	Unintentional Islanding
SLP074	234	'4860861_/_4883275'		2.63	3.33	3.33	0.704	0.5	3.33	0.34 No	0.34	Unintentional Islanding
SLP074	235	'9383697_/_9561038'		5.7	10	10	2.104	1	10	1.04 No	1	Element Fault
SLP074	236	'63065983_/_63065990_1'		10	10	10	2.104	1.5	10	1.02 No	1.02	Unintentional Islanding
SLP074	237	'4886225_/_4886239'		10	10	10	2.104	10	10	1.02 No	1.02	Unintentional Islanding
SLP074	238	'4884817_/_4885602'		10	10	10	2.104	1.7	10	1.03 No	1.03	Unintentional Islanding
SLP074	239	'4882374_/_4882384'		1.7	3.33	3.33	0.704	0.5	3.33	0.35 No	0.35	Unintentional Islanding
SLP074	240	'4884258_/_4886222'		10	10	10	2.104	10	10	1.02 No	1.02	Unintentional Islanding
SLP074	241	'4886191_/_4886205'		10	10	10	2.104	10	10	1.02 No	1.02	Unintentional Islanding
SLP074	242	'43596656_/_4882108'		1.67	3.33	3.33	0.704	0.5	3.33	0.35 No	0.35	Unintentional Islanding
SLP074	243	'8615032_/_8615030_1'		10	10	10	2.104	0.9	10	1.03 No	0.9	Element Fault
SLP074	244	'4884259_/_4884273_1'		10	10	10	2.104	1.6	10	1.02 No	1.02	Unintentional Islanding
SLP074	245	'4884553_/_4884550_2'		3.33	3.33	3.33	0.704	0.5	3.33	0.34 No	0.34	Unintentional Islanding
SLP074	246	'4884202_/_4886188'		10	10	10	2.104	10	10	1.02 No	1.02	Unintentional Islanding
SLP074	247	'4884364_/_4884374_1'		3.33	3.33	3.33	0.704	0.5	3.33	0.34 No	0.34	Unintentional Islanding
SLP074	248	'4879279_/_4879277'		5.5	10	10	2.104	1	10	1.03 No	1	Element Fault
SLP074	249	'4884189_/_43593012_2'		3.33	3.33	3.33	0.704	1.1	3.33	0.34 No	0.34	Unintentional Islanding
SLP074	250	'8306058_/_8306056_1'		5.4	10	10	2.104	0.9	10	1.03 No	0.9	Element Fault
SLP074	251	'43590971_/_4886549'		9.1	10	10	2.104	1.5	10	1.03 No	1.03	Unintentional Islanding
SLP074	252	'4886154_/_4886171'		10	10	10	2.104	10	10	1.02 No	1.02	Unintentional Islanding
SLP074	253	'9250390_/_9250387'		6	10	10	2.104	1.8	10	1.03 No	1.03	Unintentional Islanding
SLP074	254	'7354398_/_7354396_1'		3.33	3.33	3.33	0.704	0.5	3.33	0.34 No	0.34	Unintentional Islanding
SLP074	255	'4882136_/_4882212'		1.6	3.33	3.33	0.704	0.5	3.33	0.35 No	0.35	Unintentional Islanding
SLP074	256	'4883986_/_4886151'		10	10	10	2.104	10	10	1.02 No	1.02	Unintentional Islanding
SLP074	257	'4886120_/_4886134'		10	10	10	2.104	10	10	1.02 No	1.02	Unintentional Islanding
SLP074	258	'489600946_/_8306056_2'		5.2	10	10	2.104	0.9	10	1.03 No	0.9	Element Fault
SLP074	259	'4883985_/_43592912_2'		6.67	6.67	6.67	1.4	2.1	6.67	0.68 No	0.68	Unintentional Islanding
SLP074	260	'4884000_/_4886117'		10	10	10	2.104	10	10	1.02 No	1.02	Unintentional Islanding
SLP074	261	'4884377_/_4884374_2'		3.33	3.33	3.33	0.704	0.5	3.33	0.34 No	0.34	Unintentional Islanding
SLP074	262	'4884926_/_4884923_1'		3.33	3.33	3.33	0.704	0.5	3.33	0.34 No	0.34	Unintentional Islanding
SLP074	263	'372951784_/_4886569_1'		7.9	10	10	2.104	1	10	1.02 No	1	Element Fault
SLP074	264	'4886086_/_4886100'		10	10	10	2.104	10	10	1.02 No	1.02	Unintentional Islanding
SLP074	265	'4885188_/_4886569_2'		7.8	10	10	2.104	1	10	1.02 No	1	Element Fault
SLP074	266	'4885517_/_4885585'		7.7	10	10	2.104	1.7	10	1.03 No	1.03	Unintentional Islanding
SLP074	267	'43593010_/_43593012_1'		3.33	3.33	3.33	0.704	0.5	3.33	0.34 No	0.34	Unintentional Islanding
SLP074	268	'4886069_/_4886083'		10	10	10	2.104	10	10	1.02 No	1.02	Unintentional Islanding
SLP074	269	'4884001_/_4884011_1'		3.33	3.33	3.33	0.704	0.5	3.33	0.34 No	0.34	Unintentional Islanding
SLP074	270	'4886589_/_4886603_1'		7.8	10	10	2.104	0.9	10	1.02 No	0.9	Element Fault
SLP074	271	'4884942_/_4884923_2'		3.33	3.33	3.33	0.704	0.5	3.33	0.34 No	0.34	Unintentional Islanding
SLP074	272	'4885551_/_4885568'		7.7	10	10	2.104	1.7	10	1.03 No	1.03	Unintentional Islanding
SLP074	273	'4860887_/_4860897'		2.13	3.33	3.33	0.704	0.5	3.33	0.34 No	0.34	Unintentional Islanding
SLP074	274	'43592864_/_43592866'		10	10	10	2.104	10	10	1.02 No	1.02	Unintentional Islanding
SLP074	275	'4886873_/_4886870'		3.33	3.33	3.33	0.704	0.5	3.33	0.34 No	0.34	Unintentional Islanding
SLP074	276	'4884276_/_4884273_2'		10	10	10	2.104	1.6	10	1.02 No	1.02	Unintentional Islanding
SLP074	277	'43596678_/_4882371'		1.5	3.33	3.33	0.704	0.5	3.33	0.35 No	0.35	Unintentional Islanding
SLP074	278	'4886606_/_4886603_2'		7.3	10	10	2.104	0.9	10	1.02 No	0.9	Element Fault
SLP074	279	'4860848_/_4860858'		2.1	3.33	3.33	0.704	0.5	3.33	0.34 No	0.34	Unintentional Islanding
SLP074	280	'43592910_/_43592912_1'		6.67	6.67	6.67	1.4	1	6.67	0.68 No	0.68	Unintentional Islanding
SLP074	281	'4886886_/_43593130_2'		3.33	3.33	3.33	0.704	0.5	3.33	0.34 No	0.34	Unintentional Islanding
SLP074	282	'4886035_/_4886049'		10	10	10	2.104	10	10	1.02 No	1.02	Unintentional Islanding
SLP074	283	'4884014_/_4884011_2'		3.33	3.33	3.33	0.704	0.5	3.33	0.34 No	0.34	Unintentional Islanding
SLP074	284	'427413861_/_424420814'		4.8	10	10	2.104	1	10	1.03 No	1	Element Fault
SLP074	285	'4886018_/_4886032'		10	10	10	2.104	10	10	1.02 No	1.02	Unintentional Islanding
SLP074	286	'4883625_/_4886015'		10	10	10	2.104	10	10	1.02 No	1.02	Unintentional Islanding
SLP074	287	'4884881_/_4884878'		2.87	3.33	3.33	0.704	0.5	3.33	0.34 No	0.34	Unintentional Islanding
SLP074	288	'43592838_/_4885998'		10	10	10	2.104	10	10	1.02 No	1.02	Unintentional Islanding
SLP074	289	'4883624_/_4883622'		10	10	10	2.104	1.5	10	1.02 No	1.02	Unintentional Islanding
SLP074	290	'4886623_/_4886620'		6.7	10	10	2.104	0.9	10	1.02 No	0.9	Element Fault
SLP074	291	'4885098_/_4885095'		3.33	3.33	3.33	0.704	0.5	3.33	0.34 No	0.34	Unintentional Islanding
SLP074	292	'43592851_/_43592853'		10	10	10	2.104	10	10	1.02 No	1.02	Unintentional Islanding
SLP074	293	'4882072_/_43596658'		1.43	3.33	3.33	0.704	0.5	3.33	0.34 No	0.34	Unintentional Islanding

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SLP074	294	'4884818_/_4884815'		6.3	10	10	2.104	1.7	10	1.02 No	1.02 Unintentional Islanding
SLP074	295	'43596667_/_4882134'		1.43	3.33	3.33	0.704	0.5	3.33	0.34 No	0.34 Unintentional Islanding
SLP074	296	'43593034_/_4884390'		2.97	3.33	3.33	0.704	0.5	3.33	0.34 No	0.34 Unintentional Islanding
SLP074	297	'424420852_/_424420871'		4.5	10	10	2.104	1	10	1.03 No	1 Element Fault
SLP074	298	'43590860_/_43590862'		6.3	10	10	2.104	1.7	10	1.02 No	1.02 Unintentional Islanding
SLP074	299	'4883657_/_4883654_1'		10	10	10	2.104	2.3	10	1.02 No	1.02 Unintentional Islanding
SLP074	300	'43597567_/_4860884'		1.93	3.33	3.33	0.704	0.5	3.33	0.34 No	0.34 Unintentional Islanding
SLP074	301	'90441922_/_90441841_1'		6.2	10	10	2.104	0.9	10	1.02 No	0.9 Element Fault
SLP074	302	'8933101_/_8933099_1'		6.1	10	10	2.104	0.9	10	1.02 No	0.9 Element Fault
SLP074	303	'43592770_/_4883654_2'		10	10	10	2.104	2.3	10	1.02 No	1.02 Unintentional Islanding
SLP074	304	'43591006_/_4886637'		6.3	10	10	2.104	0.9	10	1.02 No	0.9 Element Fault
SLP074	305	'8615033_/_8615030_2'		6	10	10	2.104	0.9	10	1.02 No	0.9 Element Fault
SLP074	306	'427413777_/_424420970'		4.4	10	10	2.104	1	10	1.03 No	1 Element Fault
SLP074	307	'7354399_/_7354396_2'		2.57	3.33	3.33	0.704	0.5	3.33	0.34 No	0.34 Unintentional Islanding
SLP074	308	'43591177_/_43591008'		6	10	10	2.104	0.9	10	1.02 No	0.9 Element Fault
SLP074	309	'43593128_/_43593130_1'		2.43	3.33	3.33	0.704	0.5	3.33	0.34 No	0.34 Unintentional Islanding
SLP074	310	'43593078_/_4884290'		7	10	10	2.104	1.6	10	1.02 No	1.02 Unintentional Islanding
SLP074	311	'4882399_/_4882397'		1.33	3.33	3.33	0.704	0.5	3.33	0.34 No	0.34 Unintentional Islanding
SLP074	312	'4887092_/_4887089'		2.37	3.33	3.33	0.704	0.5	3.33	0.34 No	0.34 Unintentional Islanding
SLP074	313	'4882150_/_4882147'		1.33	3.33	3.33	0.704	0.5	3.33	0.34 No	0.34 Unintentional Islanding
SLP074	314	'43592933_/_4884027'		2.9	3.33	3.33	0.704	0.5	3.33	0.34 No	0.34 Unintentional Islanding
SLP074	315	'4886911_/_4887323'		2.37	3.33	3.33	0.704	0.5	3.33	0.34 No	0.34 Unintentional Islanding
SLP074	316	'43597578_/_4860845'		1.77	3.33	3.33	0.704	0.5	3.33	0.34 No	0.34 Unintentional Islanding
SLP074	317	'4884163_/_4884173'		2.5	3.33	3.33	0.704	0.5	3.33	0.34 No	0.34 Unintentional Islanding
SLP074	318	'4882085_/_4882082'		1.3	3.33	3.33	0.704	0.5	3.33	0.34 No	0.34 Unintentional Islanding
SLP074	319	'4860874_/_4860923'		1.73	3.33	3.33	0.704	0.5	3.33	0.34 No	0.34 Unintentional Islanding
SLP074	320	'4884835_/_4884832'		5.2	10	10	2.104	1.7	10	1.02 No	1.02 Unintentional Islanding
SLP074	321	'4884663_/_4884660'		7.2	10	10	2.104	1.5	10	1.02 No	1.02 Unintentional Islanding
SLP074	322	'8933102_/_8933099_2'		5.2	10	10	2.104	0.9	10	1.02 No	0.9 Element Fault
SLP074	323	'4883953_/_4883968'		4.73	6.67	6.67	1.4	1	6.67	0.68 No	0.68 Unintentional Islanding
SLP074	324	'4882412_/_4882410'		1.27	3.33	3.33	0.704	0.5	3.33	0.34 No	0.34 Unintentional Islanding
SLP074	325	'4885215_/_4885212'		2.6	3.33	3.33	0.704	0.33	3.33	0.34 No	0.33 Element Fault
SLP074	326	'4884897_/_4884894'		2.03	3.33	3.33	0.704	0.5	3.33	0.34 No	0.34 Unintentional Islanding
SLP074	327	'4883694_/_4883691'		6.4	10	10	2.104	2.3	10	1.02 No	1.02 Unintentional Islanding
SLP074	328	'4882163_/_4882160'		1.23	3.33	3.33	0.704	0.5	3.33	0.34 No	0.34 Unintentional Islanding
SLP074	329	'4885254_/_4885267_1'		2.5	3.33	3.33	0.704	0.3	3.33	0.34 No	0.3 Element Fault
SLP074	330	'43590960_/_4884952'		2.27	3.33	3.33	0.704	0.5	3.33	0.34 No	0.34 Unintentional Islanding
SLP074	331	'398801404_/_398801406'		2.1	3.33	3.33	0.704	0.5	3.33	0.34 No	0.34 Unintentional Islanding
SLP074	332	'4886885_/_4886883'		1.97	3.33	3.33	0.704	0.5	3.33	0.34 No	0.34 Unintentional Islanding
SLP074	333	'4885202_/_43590997'		2.33	3.33	3.33	0.704	0.33	3.33	0.34 No	0.33 Element Fault
SLP074	334	'4884405_/_4887102'		1.87	3.33	3.33	0.704	0.5	3.33	0.34 No	0.34 Unintentional Islanding
SLP074	335	'43597556_/_43597558'		1.57	3.33	3.33	0.704	0.5	3.33	0.34 No	0.34 Unintentional Islanding
SLP074	336	'4886912_/_4886909'		1.93	3.33	3.33	0.704	0.5	3.33	0.34 No	0.34 Unintentional Islanding
SLP074	337	'540914939_/_540914915'		1.53	3.33	3.33	0.704	0.5	3.33	0.34 No	0.34 Unintentional Islanding
SLP074	338	'4860834_/_4860832'		1.53	3.33	3.33	0.704	0.5	3.33	0.34 No	0.34 Unintentional Islanding
SLP074	339	'4883711_/_4883708'		5.6	10	10	2.104	2.3	10	1.02 No	1.02 Unintentional Islanding
SLP074	340	'540915020_/_540914974_1'		1.53	3.33	3.33	0.704	0.3	3.33	0.34 No	0.3 Element Fault
SLP074	341	'9095205_/_9095203'		4.6	10	10	2.104	0.9	10	1.02 No	0.9 Element Fault
SLP074	342	'4885325_/_4885335'		2.27	3.33	3.33	0.704	0.33	3.33	0.34 No	0.33 Element Fault
SLP074	343	'4883608_/_4884680'		5.7	10	10	2.104	1.5	10	1.02 No	1.02 Unintentional Islanding
SLP074	344	'4884043_/_4884040'		2.03	3.33	3.33	0.704	0.5	3.33	0.34 No	0.34 Unintentional Islanding
SLP074	345	'9250429_/_9561174'		1.8	3.33	3.33	0.704	0.5	3.33	0.34 No	0.34 Unintentional Islanding
SLP074	346	'7991317_/_8933079_1'		5.7	10	10	2.104	0.9	10	1.02 No	0.9 Element Fault
SLP074	347	'4883496_/_4883493'		1.17	3.33	3.33	0.704	0.5	3.33	0.34 No	0.34 Unintentional Islanding
SLP074	348	'58407070_/_90441841_2'		4.6	10	10	2.104	0.9	10	1.02 No	0.9 Element Fault
SLP074	349	'4885228_/_4885225'		2.2	3.33	3.33	0.704	0.33	3.33	0.34 No	0.33 Element Fault
SLP074	350	'4882176_/_4882173'		1.13	3.33	3.33	0.704	0.5	3.33	0.34 No	0.34 Unintentional Islanding
SLP074	351	'4883938_/_4883950'		3.8	6.67	6.67	1.4	1	6.67	0.68 No	0.68 Unintentional Islanding
SLP074	352	'4884310_/_4884307'		5.1	10	10	2.104	1.6	10	1.02 No	1.02 Unintentional Islanding
SLP074	353	'4885270_/_4885267_2'		2.17	3.33	3.33	0.704	0.3	3.33	0.34 No	0.3 Element Fault
SLP074	354	'583264447_/_583264416_1'		5.1	10	10	2.104	0.9	10	1.02 No	0.9 Element Fault
SLP074	355	'4884150_/_4884160'		1.87	3.33	3.33	0.704	0.5	3.33	0.34 No	0.34 Unintentional Islanding
SLP074	356	'43590912_/_4884907'		1.7	3.33	3.33	0.704	0.5	3.33	0.34 No	0.34 Unintentional Islanding
SLP074	357	'4884968_/_43590962'		1.97	3.33	3.33	0.704	0.5	3.33	0.34 No	0.34 Unintentional Islanding
SLP074	358	'43592816_/_4883793'		1.77	3.33	3.33	0.704	0.77	3.33	0.34 No	0.34 Unintentional Islanding
SLP074	359	'43598247_/_4886922'		1.73	3.33	3.33	0.704	0.5	3.33	0.34 No	0.34 Unintentional Islanding
SLP074	360	'4860873_/_4860871'		1.43	3.33	3.33	0.704	0.5	3.33	0.34 No	0.34 Unintentional Islanding
SLP074	361	'4883728_/_4883725'		4.8	10	10	2.104	2.3	10	1.01 No	1.01 Unintentional Islanding
SLP074	362	'420661563_/_4883605_2'		5	10	10	2.104	1.5	10	1.02 No	1.02 Unintentional Islanding
SLP074	363	'4882439_/_4883506'		1.07	3.33	3.33	0.704	0.5	3.33	0.34 No	0.34 Unintentional Islanding
SLP074	364	'4882189_/_4882186'		1.07	3.33	3.33	0.704	0.5	3.33	0.34 No	0.34 Unintentional Islanding
SLP074	365	'43592757_/_4883605_1'		4.9	10	10	2.104	1.5	10	1.01 No	1.01 Unintentional Islanding
SLP074	366	'43593045_/_4884403'		1.57	3.33	3.33	0.704	0.5	3.33	0.34 No	0.34 Unintentional Islanding
SLP074	367	'540914958_/_540914974_2'		1.37	3.33	3.33	0.704	0.3	3.33	0.34 No	0.3 Element Fault
SLP074	368	'43591019_/_4885280'		1.97	3.33	3.33	0.704	0.3	3.33	0.34 No	0.3 Element Fault
SLP074	369	'58407165_/_58407172'		4.1	10	10	2.104	0.9	10	1.02 No	0.9 Element Fault
SLP074	370	'43592922_/_4883935'		3.33	6.67	6.67	1.4	1	6.67	0.68 No	0.68 Unintentional Islanding
SLP074	371	'4885324_/_43590986'		1.93	3.33	3.33	0.704	0.33	3.33	0.34 No	0.33 Element Fault
SLP074	372	'43592977_/_4884147'		1.67	3.33	3.33	0.704	0.5	3.33	0.34 No	0.34 Unintentional Islanding
SLP074	373	'4883796_/_43592818'		1.63	3.33	3.33	0.704	0.77	3.33	0.34 No	0.34 Unintentional Islanding
SLP074	374	'583264400_/_583264416_2'		4.5	10	10	2.104	0.9	10	1.02 No	0.9 Element Fault
SLP074	375	'4885241_/_4885238'		1.87	3.33	3.33	0.704	0.33	3.33	0.34 No	0.33 Element Fault
SLP074	376	'4883745_/_4883742'		4.4	10	10	2.104	2.3	10	1.01 No	1.01 Unintentional Islanding
SLP074	377	'43592944_/_4884053'		1.63	3.33	3.33	0.704	0.5	3.33	0.34 No	0.34 Unintentional Islanding
SLP074	378	'4882202_/_4882199'		1.03	3.33	3.33	0.704	0.5	3.33	0.34 No	0.34 Unintentional Islanding
SLP074	379	'4886938_/_43598249'		1.57	3.33	3.33	0.704	0.5	3.33	0.34 No	0.34 Unintentional Islanding
SLP074	380	'4884910_/_43590914'		1.47	3.33	3.33	0.704	0.5	3.33	0.34 No	0.34 Unintentional Islanding
SLP074	381	'4884981_/_4884978'		1.7	3.33	3.33	0.704	0.5	3.33	0.34 No	0.34 Unintentional Islanding
SLP074	382	'4884646_/_4884644'		3.13	6.67	6.67	1.4	1	6.67	0.68 No	0.68 Unintentional Islanding
SLP074	383	'4887185_/_4887183'		4.4	10	10	2.104	1.5	10	1.01 No	1.01 Unintentional Islanding
SLP074	384	'4884419_/_43593047'		1.43	3.33	3.33	0.704	0.5	3.33	0.34 No	0.34 Unintentional Islanding
SLP074	385	'8933082_/_8933079_2'		4.4	10	10	2.104	0.9	10	1.01 No	0.9 Element Fault
SLP074	386	'615887074_/_615887110'		2.4	6.67	6.67	1.4	0.6	6.67	0.68 No	0.6 Element Fault
SLP074	387	'4883812_/_4883809'		1.47	3.33	3.33	0.704	0.77	3.33	0.34 No	0.34 Unintentional Islanding

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SLP074	388	'43597545_/_4882981'	1.27	3.33	3.33	0.704	0.5	3.33	0.34 No	0.34	Unintentional Islanding
SLP074	389	'58407107_/_58407208'	3.7	10	10	2.104	0.9	10	1.02 No	0.9	Element Fault
SLP074	390	'4885299_/_43591021'	1.73	3.33	3.33	0.704	0.3	3.33	0.34 No	0.3	Element Fault
SLP074	391	'43592999_/_43593001'	1.47	3.33	3.33	0.704	0.5	3.33	0.34 No	0.34	Unintentional Islanding
SLP074	392	'4882438_/_4882436'	0.97	3.33	3.33	0.704	0.5	3.33	0.34 No	0.34	Unintentional Islanding
SLP074	393	'4883385_/_4883395'	1.23	3.33	3.33	0.704	0.5	3.33	0.34 No	0.34	Unintentional Islanding
SLP074	394	'7354415_/_564235011'	3.7	10	10	2.104	0.9	10	1.02 No	0.9	Element Fault
SLP074	395	'4886951_/_4886948'	1.43	3.33	3.33	0.704	0.5	3.33	0.34 No	0.34	Unintentional Islanding
SLP074	396	'43598234_/_4883759'	4	10	10	2.104	2.3	10	1.01 No	1.01	Unintentional Islanding
SLP074	397	'8122374_/_9383634'	3	10	10	2.104	1	10	1.03 No	1	Element Fault
SLP074	398	'4884432_/_4884429'	1.33	3.33	3.33	0.704	0.5	3.33	0.34 No	0.34	Unintentional Islanding
SLP074	399	'421599959_/_9067463_1'	3	10	10	2.104	1.6	10	1.03 No	1.03	Unintentional Islanding
SLP074	400	'615887106_/_605203986'	3.6	10	10	2.104	0.9	10	1.02 No	0.9	Element Fault
SLP074	401	'4887130_/_4887115'	1.63	3.33	3.33	0.704	0.33	3.33	0.34 No	0.33	Element Fault
SLP074	402	'4887147_/_4887157_1'	1.6	3.33	3.33	0.704	0.3	3.33	0.34 No	0.3	Element Fault
SLP074	403	'4887276_/_4887354'	3.9	10	10	2.104	1.5	10	1.01 No	1.01	Unintentional Islanding
SLP074	404	'4884069_/_43592946'	1.4	3.33	3.33	0.704	0.5	3.33	0.34 No	0.34	Unintentional Islanding
SLP074	405	'43592827_/_4883822'	1.33	3.33	3.33	0.704	0.77	3.33	0.34 No	0.34	Unintentional Islanding
SLP074	406	'43591190_/_4885309'	1.6	3.33	3.33	0.704	0.3	3.33	0.34 No	0.3	Element Fault
SLP074	407	'4884994_/_4884991'	1.5	3.33	3.33	0.704	0.5	3.33	0.34 No	0.34	Unintentional Islanding
SLP074	408	'4882958_/_4882968'	1.17	3.33	3.33	0.704	0.5	3.33	0.34 No	0.34	Unintentional Islanding
SLP074	409	'105267622_/_9250427_1'	0.7	2.2	3.33	0.704	0.3	3.33	0.34 No	0.3	Element Fault
SLP074	410	'4884137_/_4884212'	1.33	3.33	3.33	0.704	0.5	3.33	0.34 No	0.34	Unintentional Islanding
SLP074	411	'4884445_/_4884442'	1.23	3.33	3.33	0.704	0.5	3.33	0.34 No	0.34	Unintentional Islanding
SLP074	412	'4887338_/_4887374'	2.47	6.67	6.67	1.4	1	6.67	0.67 No	0.67	Unintentional Islanding
SLP074	413	'4882452_/_4882449'	0.9	3.33	3.33	0.704	0.5	3.33	0.34 No	0.34	Unintentional Islanding
SLP074	414	'4883779_/_4883776'	3.6	10	10	2.104	2.3	10	1.01 No	1.01	Unintentional Islanding
SLP074	415	'43593150_/_4886961'	1.3	3.33	3.33	0.704	0.5	3.33	0.34 No	0.34	Unintentional Islanding
SLP074	416	'4887160_/_4887157_2'	1.53	3.33	3.33	0.704	0.3	3.33	0.34 No	0.3	Element Fault
SLP074	417	'4884713_/_4884710'	3.5	10	10	2.104	2.3	10	1.01 No	1.01	Unintentional Islanding
SLP074	418	'4882945_/_4882955'	1.1	3.33	3.33	0.704	0.5	3.33	0.34 No	0.34	Unintentional Islanding
SLP074	419	'4885501_/_43591192'	1.47	3.33	3.33	0.704	0.3	3.33	0.34 No	0.3	Element Fault
SLP074	420	'4884124_/_4884134'	1.27	3.33	3.33	0.704	0.5	3.33	0.34 No	0.34	Unintentional Islanding
SLP074	421	'4886838_/_4886853'	3.4	10	10	2.104	2.3	10	1.01 No	1.01	Unintentional Islanding
SLP074	422	'4883641_/_4887336'	2.33	6.67	6.67	1.4	1	6.67	0.67 No	0.67	Unintentional Islanding
SLP074	423	'4883825_/_43592829'	1.2	3.33	3.33	0.704	0.77	3.33	0.34 No	0.34	Unintentional Islanding
SLP074	424	'4882465_/_4882475'	0.87	3.3	3.33	0.704	0.5	3.33	0.34 No	0.34	Unintentional Islanding
SLP074	425	'8306561_/_8306558_2'	1.17	3.33	3.33	0.704	0.5	3.33	0.34 No	0.34	Unintentional Islanding
SLP074	426	'8615192_/_9250585_2'	1.17	3.33	3.33	0.704	0.5	3.33	0.34 No	0.34	Unintentional Islanding
SLP074	427	'4885007_/_4885004'	1.33	3.33	3.33	0.704	0.5	3.33	0.34 No	0.34	Unintentional Islanding
SLP074	428	'4883522_/_4883519'	0.83	3.27	3.33	0.704	0.5	3.33	0.34 No	0.34	Unintentional Islanding
SLP074	429	'43593056_/_4884455'	1.13	3.33	3.33	0.704	0.5	3.33	0.34 No	0.34	Unintentional Islanding
SLP074	430	'43593139_/_43593152'	1.2	3.33	3.33	0.704	0.5	3.33	0.34 No	0.34	Unintentional Islanding
SLP074	431	'43599227_/_4888490'	1.4	3.33	3.33	0.704	0.3	3.33	0.34 No	0.3	Element Fault
SLP074	432	'43592955_/_4884079'	1.2	3.33	3.33	0.704	0.5	3.33	0.34 No	0.34	Unintentional Islanding
SLP074	433	'4885634_/_4887128'	1.4	3.33	3.33	0.704	0.33	3.33	0.34 No	0.33	Element Fault
SLP074	434	'4882490_/_4883545'	0.83	3.2	3.33	0.704	0.5	3.33	0.34 No	0.34	Unintentional Islanding
SLP074	435	'4883642_/_4883639'	2.2	6.67	6.67	1.4	1	6.67	0.67 No	0.67	Unintentional Islanding
SLP074	436	'4884471_/_4884468'	1.1	3.33	3.33	0.704	0.5	3.33	0.34 No	0.34	Unintentional Islanding
SLP074	437	'4882932_/_4882942'	1.03	3.33	3.33	0.704	0.5	3.33	0.34 No	0.34	Unintentional Islanding
SLP074	438	'8615014_/_8615012_1'	2.2	6.67	6.67	1.4	0.6	6.67	0.67 No	0.6	Element Fault
SLP074	439	'4884095_/_4884121'	1.17	3.33	3.33	0.704	0.5	3.33	0.34 No	0.34	Unintentional Islanding
SLP074	440	'8306560_/_8306558_1'	1.17	3.33	3.33	0.704	0.3	3.33	0.34 No	0.3	Element Fault
SLP074	441	'4882464_/_4882462'	0.8	3.13	3.33	0.704	0.5	3.33	0.34 No	0.34	Unintentional Islanding
SLP074	442	'4884733_/_4886836'	3.1	10	10	2.104	2.3	10	1.01 No	1.01	Unintentional Islanding
SLP074	443	'4883535_/_4883532'	0.8	3.1	3.33	0.704	0.5	3.33	0.34 No	0.34	Unintentional Islanding
SLP074	444	'7354633_/_8933365_1'	3.1	10	10	2.104	1.5	10	1.01 No	1.01	Unintentional Islanding
SLP074	445	'8615015_/_8615012_2'	2.13	6.67	6.67	1.4	0.6	6.67	0.67 No	0.6	Element Fault
SLP074	446	'43592988_/_4884108'	1.13	3.33	3.33	0.704	0.5	3.33	0.34 No	0.34	Unintentional Islanding
SLP074	447	'9250587_/_9250585_1'	1.17	3.33	3.33	0.704	0.3	3.33	0.34 No	0.3	Element Fault
SLP074	448	'4884579_/_4884576'	1.1	3.33	3.33	0.704	0.5	3.33	0.34 No	0.34	Unintentional Islanding
SLP074	449	'4884111_/_43592990'	1.1	3.33	3.33	0.704	0.5	3.33	0.34 No	0.34	Unintentional Islanding
SLP074	450	'4883925_/_4884730'	1.03	3.33	3.33	0.704	0.77	3.33	0.34 No	0.34	Unintentional Islanding
SLP074	451	'4885020_/_4885017'	1.2	3.1	3.33	0.704	0.5	3.33	0.34 No	0.34	Unintentional Islanding
SLP074	452	'43596689_/_4882488'	0.77	3	3.33	0.704	0.5	3.33	0.34 No	0.34	Unintentional Islanding
SLP074	453	'4885366_/_43599229'	1.3	3.23	3.33	0.704	0.3	3.33	0.34 No	0.3	Element Fault
SLP074	454	'53411832_/_615887078'	2.8	9.9	10	2.104	0.9	10	1.01 No	0.9	Element Fault
SLP074	455	'4884094_/_4884092'	1.1	3.33	3.33	0.704	0.5	3.33	0.34 No	0.34	Unintentional Islanding
SLP074	456	'43597534_/_4882929'	0.97	3.1	3.33	0.704	0.5	3.33	0.34 No	0.34	Unintentional Islanding
SLP074	457	'44667352_/_4887247'	1.1	3.33	3.33	0.704	0.5	3.33	0.34 No	0.34	Unintentional Islanding
SLP074	458	'43593067_/_4884697'	1	3.33	3.33	0.704	0.5	3.33	0.34 No	0.34	Unintentional Islanding
SLP074	459	'4884700_/_9561190_1'	1	3.33	3.33	0.704	0.3	3.33	0.34 No	0.3	Element Fault
SLP074	460	'43593161_/_4884589'	1.07	3.33	3.33	0.704	0.5	3.33	0.34 No	0.34	Unintentional Islanding
SLP074	461	'43592966_/_43592968'	1.03	3.33	3.33	0.704	0.5	3.33	0.34 No	0.34	Unintentional Islanding
SLP074	462	'7354685_/_8933365_2'	2.8	10	10	2.104	1.5	10	1.01 No	1.01	Unintentional Islanding
SLP074	463	'4860808_/_4882916'	0.93	2.93	3.33	0.704	0.5	3.33	0.34 No	0.34	Unintentional Islanding
SLP074	464	'4885621_/_4885632'	1.2	2.93	3.33	0.704	0.33	3.33	0.34 No	0.33	Element Fault
SLP074	465	'4882504_/_4882501'	0.73	2.8	3.33	0.704	0.5	3.33	0.34 No	0.34	Unintentional Islanding
SLP074	466	'4884487_/_4884484'	0.93	3.23	3.33	0.704	0.5	3.33	0.34 No	0.34	Unintentional Islanding
SLP074	467	'4885647_/_4885645_1'	1.17	2.87	3.33	0.704	0.3	3.33	0.34 No	0.3	Element Fault
SLP074	468	'43591201_/_4885364'	1.2	2.97	3.33	0.704	0.3	3.33	0.34 No	0.3	Element Fault
SLP074	469	'8306474_/_8615206'	2.6	9.1	10	2.104	1.5	10	1.01 No	1.01	Unintentional Islanding
SLP074	470	'4884608_/_4884605'	1	3.33	3.33	0.704	0.5	3.33	0.34 No	0.34	Unintentional Islanding
SLP074	471	'4882517_/_4882514'	0.73	2.73	3.33	0.704	0.5	3.33	0.34 No	0.34	Unintentional Islanding
SLP074	472	'43590949_/_4885030'	1.1	2.77	3.33	0.704	0.5	3.33	0.34 No	0.34	Unintentional Islanding
SLP074	473	'7354668_/_9561190_2'	0.93	3.23	3.33	0.704	0.3	3.33	0.34 No	0.3	Element Fault
SLP074	474	'4884227_/_4884225'	1	3.33	3.33	0.704	0.5	3.33	0.34 No	0.34	Unintentional Islanding
SLP074	475	'43596700_/_4883558'	0.7	2.7	3.33	0.704	0.5	3.33	0.34 No	0.34	Unintentional Islanding
SLP074	476	'4882905_/_4882903'	0.87	2.77	3.33	0.704	0.5	3.33	0.34 No	0.34	Unintentional Islanding
SLP074	477	'7671909_/_8933385'	2.7	9.2	10	2.104	1.5	10	1 No	1	Unintentional Islanding
SLP074	478	'7991261_/_7991258'	0.87	2.77	3.33	0.704	0.3	3.33	0.34 No	0.3	Element Fault
SLP074	479	'4884621_/_4884618'	0.97	3.2	3.33	0.704	0.5	3.33	0.33 No	0.33	Unintentional Islanding
SLP074	480	'8615229_/_9250617'	2.5	9.4	10	2.104	1.5	10	1 No	1	Unintentional Islanding
SLP074	481	'4883561_/_43596702'	0.7	2.63	3.33	0.704	0.5	3.33	0.34 No	0.34	Unintentional Islanding

Feeder Name	Feeder ID	Node	Primary Over- Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SLP074	482	'4860809_/4860806'		0.87	2.7	3.33	0.704	0.5	3.33	0.34 No	0.34 Unintentional Islanding
SLP074	483	'43591206_/43591203'		1.1	2.73	3.33	0.704	0.3	3.33	0.34 No	0.3 Element Fault
SLP074	484	'7354653_/7354666'		0.87	3	3.33	0.704	0.3	3.33	0.33 No	0.3 Element Fault
SLP074	485	'8306506_/8615260'		2.5	9.6	10	2.104	1.5	10	1 No	1 Unintentional Islanding
SLP074	486	'43592899_/43592901'		1.07	3.03	3.33	0.704	0.77	3.33	0.33 No	0.33 Unintentional Islanding
SLP074	487	'4884634_/4884631'		0.93	3.07	3.33	0.704	0.5	3.33	0.33 No	0.33 Unintentional Islanding
SLP074	488	'4885046_/4885043'		1	2.57	3.33	0.704	0.5	3.33	0.34 No	0.34 Unintentional Islanding
SLP074	489	'9250373_/9250371'		0.83	2.6	3.33	0.704	0.3	3.33	0.34 No	0.3 Element Fault
SLP074	490	'4885408_/4885645_2'		1.03	2.57	3.33	0.704	0.3	3.33	0.34 No	0.3 Element Fault
SLP074	491	'43597479_/43597481'		0.8	2.57	3.33	0.704	0.5	3.33	0.34 No	0.34 Unintentional Islanding
SLP074	492	'8306507_/8306504'		1.67	6.4	6.67	1.4	1	6.67	0.67 No	0.67 Unintentional Islanding
SLP074	493	'4860744_/4860819'		0.8	2.57	3.33	0.704	0.5	3.33	0.34 No	0.34 Unintentional Islanding
SLP074	494	'4885421_/4885619'		1.03	2.5	3.33	0.704	0.33	3.33	0.34 No	0.33 Element Fault
SLP074	495	'615887138_/615887168'		1.27	3.33	3.33	0.704	0.3	3.33	0.33 No	0.3 Element Fault
SLP074	496	'37860666_/37860691'		2.5	9.9	10	2.104	1.5	10	1 No	1 Unintentional Islanding
SLP074	497	'402996134_/402996131'		2.5	9.9	10	2.104	1.5	10	1 No	1 Unintentional Islanding
SLP074	498	'37860673_/37860670'		2.5	9.9	10	2.104	1.5	10	1 No	1 Unintentional Islanding
SLP074	499	'37860659_/37860663'		2.5	9.9	10	2.104	1.5	10	1 No	1 Unintentional Islanding
SLP074	500	'37860687_/8615336'		2.5	9.9	10	2.104	1.5	10	1 No	1 Unintentional Islanding
SLP074	501	'4860743_/4860741'		0.8	2.5	3.33	0.704	0.5	3.33	0.34 No	0.34 Unintentional Islanding
SLP074	502	'4885422_/4889016_1'		1.03	2.47	3.33	0.704	0.3	3.33	0.34 No	0.3 Element Fault
SLP074	503	'7671851_/573175684'		1.67	6.67	6.67	1.4	1	6.67	0.67 No	0.67 Unintentional Islanding
SLP074	504	'474166570_/474166592'		2.5	10	10	2.104	1.5	10	1 No	1 Unintentional Islanding
SLP074	505	'7991413_/8306574'		2.5	10	10	2.104	1.5	10	1 No	1 Unintentional Islanding
SLP074	506	'4885059_/4885056'		0.93	2.4	3.33	0.704	0.5	3.33	0.34 No	0.34 Unintentional Islanding
SLP074	507	'8933311_/573175860'		2.5	10	10	2.104	1.5	10	1 No	1 Unintentional Islanding
SLP074	508	'4883899_/4883909'		1.07	2.67	3.33	0.704	0.77	3.33	0.33 No	0.33 Unintentional Islanding
SLP074	509	'45357297_/4887873'		0.77	2.43	3.33	0.704	0.5	3.33	0.34 No	0.34 Unintentional Islanding
SLP074	510	'43599297_/4889016_2'		0.97	2.37	3.33	0.704	0.3	3.33	0.34 No	0.3 Element Fault
SLP074	511	'43597600_/4860754'		0.77	2.4	3.33	0.704	0.5	3.33	0.34 No	0.34 Unintentional Islanding
SLP074	512	'8615108_/573339654'		2.2	10	10	2.104	1.5	10	1 No	1 Unintentional Islanding
SLP074	513	'4886977_/4886974'		0.97	2.33	3.33	0.704	0.33	3.33	0.34 No	0.33 Element Fault
SLP074	514	'4887003_/4887016_1'		0.97	2.3	3.33	0.704	0.3	3.33	0.34 No	0.3 Element Fault
SLP074	515	'7354500_/8615086'		2.2	10	10	2.104	1.5	10	1 No	1 Unintentional Islanding
SLP074	516	'7671784_/573175651'		1.53	4.6	6.67	1.4	1	6.67	0.67 No	0.67 Unintentional Islanding
SLP074	517	'4885072_/4885069'		0.9	2.23	3.33	0.704	0.5	3.33	0.34 No	0.34 Unintentional Islanding
SLP074	518	'4885409_/4885406'		0.93	2.23	3.33	0.704	0.3	3.33	0.34 No	0.3 Element Fault
SLP074	519	'4885434_/4889029'		0.93	2.27	3.33	0.704	0.3	3.33	0.34 No	0.3 Element Fault
SLP074	520	'350176378_/573175673'		2.4	10	10	2.104	1.5	10	1 No	1 Unintentional Islanding
SLP074	521	'43597611_/43597602'		0.73	2.27	3.33	0.704	0.5	3.33	0.34 No	0.34 Unintentional Islanding
SLP074	522	'4887019_/4887016_2'		0.9	2.2	3.33	0.704	0.3	3.33	0.34 No	0.3 Element Fault
SLP074	523	'4883883_/4883896'		0.97	2.4	3.33	0.704	0.77	3.33	0.33 No	0.33 Unintentional Islanding
SLP074	524	'7991431_/7991428'		2.2	10	10	2.104	1.5	10	1 No	1 Unintentional Islanding
SLP074	525	'7354652_/7354650'		0.7	2.4	3.33	0.704	0.3	3.33	0.33 No	0.3 Element Fault
SLP074	526	'43591041_/4885432'		0.9	2.17	3.33	0.704	0.3	3.33	0.33 No	0.3 Element Fault
SLP074	527	'7354684_/7354682'		1.03	3.33	3.33	0.704	0.5	3.33	0.33 No	0.33 Unintentional Islanding
SLP074	528	'7991524_/7991522'		0.93	3.33	3.33	0.704	0.5	3.33	0.33 No	0.33 Unintentional Islanding
SLP074	529	'4885085_/4885082'		0.83	2.07	3.33	0.704	0.5	3.33	0.34 No	0.34 Unintentional Islanding
SLP074	530	'7354736_/7354734'		2	10	10	2.104	1.5	10	1 No	1 Unintentional Islanding
SLP074	531	'7671871_/573175603'		1.33	4.73	6.67	1.4	1	6.67	0.66 No	0.66 Unintentional Islanding
SLP074	532	'7671926_/573175662'		2.3	7	10	2.104	1.5	10	1 No	1 Unintentional Islanding
SLP074	533	'4887032_/4887029'		0.87	2.07	3.33	0.704	0.3	3.33	0.33 No	0.3 Element Fault
SLP074	534	'8306475_/8306472'		1.03	3.33	3.33	0.704	0.5	3.33	0.33 No	0.33 Unintentional Islanding
SLP074	535	'7671945_/8306332'		1.33	6.67	6.67	1.4	1	6.67	0.66 No	0.66 Unintentional Islanding
SLP074	536	'43597623_/43597613'		0.67	2.13	3.33	0.704	0.5	3.33	0.33 No	0.33 Unintentional Islanding
SLP074	537	'43591063_/4886987'		0.83	2.03	3.33	0.704	0.33	3.33	0.33 No	0.33 Element Fault
SLP074	538	'43592888_/4883880'		0.9	2.23	3.33	0.704	0.77	3.33	0.33 No	0.33 Unintentional Islanding
SLP074	539	'7671946_/7671943'		1.33	6.67	6.67	1.4	1	6.67	0.66 No	0.66 Unintentional Islanding
SLP074	540	'4885933_/4885969'		0.87	2.07	3.33	0.704	0.3	3.33	0.33 No	0.3 Element Fault
SLP074	541	'7991540_/7991538'		1.33	6.67	6.67	1.4	1	6.67	0.66 No	0.66 Unintentional Islanding
SLP074	542	'7354701_/7671907'		0.93	3.33	3.33	0.704	0.5	3.33	0.33 No	0.33 Unintentional Islanding
SLP074	543	'7354700_/7354698'		0.87	3.33	3.33	0.704	0.5	3.33	0.33 No	0.33 Unintentional Islanding
SLP074	544	'45059337_/4860793'		0.63	2.03	3.33	0.704	0.5	3.33	0.33 No	0.33 Unintentional Islanding
SLP074	545	'43591074_/4887042'		0.8	1.97	3.33	0.704	0.3	3.33	0.33 No	0.3 Element Fault
SLP074	546	'4885932_/4885930'		0.83	2	3.33	0.704	0.3	3.33	0.33 No	0.3 Element Fault
SLP074	547	'8306490_/9250637'		0.93	3.33	3.33	0.704	0.5	3.33	0.33 No	0.33 Unintentional Islanding
SLP074	548	'450489696_/450489725'		1.33	6.67	6.67	1.4	1	6.67	0.66 No	0.66 Unintentional Islanding
SLP074	549	'7671965_/8933195'		1.33	6.67	6.67	1.4	1	6.67	0.66 No	0.66 Unintentional Islanding
SLP074	550	'325309101_/7991554_1'		1.27	6.67	6.67	1.4	1	6.67	0.66 No	0.66 Unintentional Islanding
SLP074	551	'8306491_/8306488'		0.87	3.33	3.33	0.704	0.5	3.33	0.33 No	0.33 Unintentional Islanding
SLP074	552	'43591225_/4885943'		0.73	1.9	3.33	0.704	0.5	3.33	0.33 No	0.33 Unintentional Islanding
SLP074	553	'8615246_/8615244'		0.97	3.33	3.33	0.704	0.5	3.33	0.33 No	0.33 Unintentional Islanding
SLP074	554	'7991486_/573175640'		2.1	7.4	10	2.104	1.5	10	0.99 No	0.99 Unintentional Islanding
SLP074	555	'4885984_/4885982'		0.8	1.93	3.33	0.704	0.3	3.33	0.33 No	0.3 Element Fault
SLP074	556	'4885674_/43591227'		0.73	1.83	3.33	0.704	0.5	3.33	0.33 No	0.33 Unintentional Islanding
SLP074	557	'7354616_/573175625'		2	7.5	10	2.104	1.5	10	0.99 No	0.99 Unintentional Islanding
SLP074	558	'43591079_/43591076'		0.77	1.83	3.33	0.704	0.3	3.33	0.33 No	0.3 Element Fault
SLP074	559	'4885690_/4885687'		0.7	1.8	3.33	0.704	0.5	3.33	0.33 No	0.33 Unintentional Islanding
SLP074	560	'4883857_/4883867'		0.8	1.93	3.33	0.704	0.77	3.33	0.33 No	0.33 Unintentional Islanding
SLP074	561	'43834418_/43834420'		0.77	1.87	3.33	0.704	0.3	3.33	0.33 No	0.3 Element Fault
SLP074	562	'43591248_/43591065'		0.77	1.8	3.33	0.704	0.33	3.33	0.33 No	0.33 Element Fault
SLP074	563	'354466564_/354466561'		0.7	1.77	3.33	0.704	0.5	3.33	0.33 No	0.33 Unintentional Islanding
SLP074	564	'7354776_/9250669'		0.83	3.33	3.33	0.704	0.5	3.33	0.33 No	0.33 Unintentional Islanding
SLP074	565	'354466635_/354466596_1'		0.7	1.77	3.33	0.704	0.5	3.33	0.33 No	0.33 Unintentional Islanding
SLP074	566	'7354777_/7354774'		0.77	3.33	3.33	0.704	0.5	3.33	0.33 No	0.33 Unintentional Islanding
SLP074	567	'6047271_/6047269'		0.73	1.8	3.33	0.704	0.3	3.33	0.33 No	0.3 Element Fault
SLP074	568	'9250462_/573175695'		0.97	3.33	3.33	0.704	0.5	3.33	0.33 No	0.33 Unintentional Islanding
SLP074	569	'43592877_/4883854'		0.73	1.87	3.33	0.704	0.77	3.33	0.33 No	0.33 Unintentional Islanding
SLP074	570	'43838925_/43838927'		0.73	1.77	3.33	0.704	0.3	3.33	0.33 No	0.3 Element Fault
SLP074	571	'7354516_/8615106'		0.8	3.33	3.33	0.704	0.5	3.33	0.33 No	0.33 Unintentional Islanding
SLP074	572	'354466577_/354466596_2'		0.67	1.7	3.33	0.704	0.5	3.33	0.33 No	0.33 Unintentional Islanding
SLP074	573	'7354517_/7354514'		0.73	3.33	3.33	0.704	0.5	3.33	0.33 No	0.33 Unintentional Islanding
SLP074	574	'470545879_/470545883'		0.7	1.7	3.33	0.704	0.33	3.33	0.33 No	0.33 Element Fault
SLP074	575	'7354485_/7354498'		0.8	3.33	3.33	0.704	0.5	3.33	0.33 No	0.33 Unintentional Islanding

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SLP074	576	'7354484_/_7354482'		0.73	3.33	3.33	0.704	0.5	3.33	0.33 No	0.33 Unintentional Islanding
SLP074	577	'43834407_/_43834409'		0.7	1.73	3.33	0.704	0.3	3.33	0.33 No	0.3 Element Fault
SLP074	578	'43592876_/_4883838'		0.73	1.77	3.33	0.704	0.77	3.33	0.33 No	0.33 Unintentional Islanding
SLP074	579	'9250461_/_9250459'		0.97	3.33	3.33	0.704	0.5	3.33	0.33 No	0.33 Unintentional Islanding
SLP074	580	'8615156_/_9250511'		0.97	3.33	3.33	0.704	0.5	3.33	0.33 No	0.33 Unintentional Islanding
SLP074	581	'4885755_/_4885765'		0.67	1.63	3.33	0.704	0.33	3.33	0.33 No	0.33 Element Fault
SLP074	582	'4885742_/_4885739_2'		0.67	1.6	3.33	0.704	0.33	3.33	0.33 No	0.33 Element Fault
SLP074	583	'6047258_/_6047256'		0.67	1.67	3.33	0.704	0.3	3.33	0.33 No	0.3 Element Fault
SLP074	584	'7354469_/_8615070'		0.73	3.33	3.33	0.704	0.5	3.33	0.33 No	0.33 Unintentional Islanding
SLP074	585	'8306420_/_8615154'		0.97	3.33	3.33	0.704	0.5	3.33	0.33 No	0.33 Unintentional Islanding
SLP074	586	'7354452_/_7354466'		0.73	3.33	3.33	0.704	0.5	3.33	0.33 No	0.33 Unintentional Islanding
SLP074	587	'4885729_/_4885739_1'		0.63	1.57	3.33	0.704	0.3	3.33	0.33 No	0.3 Element Fault
SLP074	588	'7354453_/_7354450'		0.67	3.33	3.33	0.704	0.5	3.33	0.33 No	0.33 Unintentional Islanding
SLP074	589	'4885781_/_43594484'		0.63	1.57	3.33	0.704	0.33	3.33	0.33 No	0.33 Element Fault
SLP074	590	'6047298_/_6047311'		0.67	1.6	3.33	0.704	0.3	3.33	0.33 No	0.3 Element Fault
SLP074	591	'7671852_/_573175717'		0.9	3.33	3.33	0.704	0.5	3.33	0.33 No	0.33 Unintentional Islanding
SLP074	592	'4885716_/_4885726'		0.63	1.53	3.33	0.704	0.3	3.33	0.33 No	0.3 Element Fault
SLP074	593	'350176399_/_573175728'		0.63	3.33	3.33	0.704	0.5	3.33	0.33 No	0.33 Unintentional Islanding
SLP074	594	'325309017_/_325309042'		0.7	3.33	3.33	0.704	0.5	3.33	0.33 No	0.33 Unintentional Islanding
SLP074	595	'6047285_/_6047295'		0.63	1.57	3.33	0.704	0.3	3.33	0.33 No	0.3 Element Fault
SLP074	596	'7671872_/_573176154'		0.67	3.33	3.33	0.704	0.5	3.33	0.33 No	0.33 Unintentional Islanding
SLP074	597	'4885794_/_4885791_1'		0.63	1.5	3.33	0.704	0.3	3.33	0.33 No	0.3 Element Fault
SLP074	598	'4885807_/_4885791_2'		0.63	1.5	3.33	0.704	0.3	3.33	0.33 No	0.3 Element Fault
SLP074	599	'65103252_/_573175484'		0.67	3.33	3.33	0.704	0.5	3.33	0.33 No	0.33 Unintentional Islanding
SLP074	600	'8933292_/_573175763'		0.67	3.33	3.33	0.704	0.5	3.33	0.33 No	0.33 Unintentional Islanding
SLP074	601	'7671799_/_8306368'		0.7	3.33	3.33	0.704	0.5	3.33	0.33 No	0.33 Unintentional Islanding
SLP074	602	'8306402_/_8306400'		0.67	3.33	3.33	0.704	0.5	3.33	0.33 No	0.33 Unintentional Islanding
SLP074	603	'65103287_/_9561260_1'		0.67	3.33	3.33	0.704	0.5	3.33	0.33 No	0.33 Unintentional Islanding
SLP074	604	'7671800_/_7671813_1'		0.6	3.33	3.33	0.704	0.5	3.33	0.33 No	0.33 Unintentional Islanding
SLP074	605	'43838800_/_6047282'		0.63	1.53	3.33	0.704	0.3	3.33	0.33 No	0.3 Element Fault
SLP074	606	'4885703_/_4885713'		0.6	1.47	3.33	0.704	0.3	3.33	0.33 No	0.3 Element Fault
SLP074	607	'7671966_/_7671963'		0.6	3.33	3.33	0.704	0.5	3.33	0.33 No	0.33 Unintentional Islanding
SLP074	608	'37860715_/_8615316'		0.6	3.33	3.33	0.704	0.5	3.33	0.33 No	0.33 Unintentional Islanding
SLP074	609	'37860701_/_37860705'		0.6	3.33	3.33	0.704	0.5	3.33	0.33 No	0.33 Unintentional Islanding
SLP074	610	'402996216_/_402996213'		0.6	3.33	3.33	0.704	0.5	3.33	0.33 No	0.33 Unintentional Islanding
SLP074	611	'37860729_/_37860733'		0.6	3.33	3.33	0.704	0.5	3.33	0.33 No	0.33 Unintentional Islanding
SLP074	612	'37860708_/_37860712'		0.6	3.33	3.33	0.704	0.5	3.33	0.33 No	0.33 Unintentional Islanding
SLP074	613	'4885862_/_4885859'		0.6	1.47	3.33	0.704	0.3	3.33	0.33 No	0.3 Element Fault
SLP074	614	'474166529_/_474166551'		0.63	3.33	3.33	0.704	0.5	3.33	0.33 No	0.33 Unintentional Islanding
SLP074	615	'43591259_/_43591261'		0.6	1.47	3.33	0.704	0.3	3.33	0.33 No	0.3 Element Fault
SLP074	616	'7354564_/_9250527'		0.63	3.33	3.33	0.704	0.5	3.33	0.33 No	0.33 Unintentional Islanding
SLP074	617	'4887237_/_7086585'		0.6	1.5	3.33	0.704	0.3	3.33	0.33 No	0.3 Element Fault
SLP074	618	'4885875_/_4885872'		0.6	1.43	3.33	0.704	0.3	3.33	0.33 No	0.3 Element Fault
SLP074	619	'7354584_/_7671981'		0.6	3.33	3.33	0.704	0.5	3.33	0.33 No	0.33 Unintentional Islanding
SLP074	620	'4885820_/_4885830'		0.6	1.43	3.33	0.704	0.3	3.33	0.33 No	0.3 Element Fault
SLP074	621	'8306319_/_8615280'		0.6	3.33	3.33	0.704	0.5	3.33	0.33 No	0.33 Unintentional Islanding
SLP074	622	'65103333_/_9561242'		0.6	3.33	3.33	0.704	0.5	3.33	0.33 No	0.33 Unintentional Islanding
SLP074	623	'348252780_/_348252830'		0.57	3.33	3.33	0.704	0.5	3.33	0.33 No	0.33 Unintentional Islanding
SLP074	624	'7991393_/_65103376'		0.6	3.33	3.33	0.704	0.5	3.33	0.33 No	0.33 Unintentional Islanding
SLP074	625	'348252729_/_348252806'		0.57	3.33	3.33	0.704	0.5	3.33	0.33 No	0.33 Unintentional Islanding
SLP074	626	'4885888_/_4885885'		0.6	1.43	3.33	0.704	0.3	3.33	0.33 No	0.3 Element Fault
SLP074	627	'4885702_/_43591238'		0.57	1.4	3.33	0.704	0.3	3.33	0.33 No	0.3 Element Fault
SLP074	628	'7354532_/_348252767'		0.57	3.33	3.33	0.704	0.5	3.33	0.33 No	0.33 Unintentional Islanding
SLP074	629	'4885393_/_4887234'		0.6	1.43	3.33	0.704	0.3	3.33	0.33 No	0.3 Element Fault
SLP074	630	'8306544_/_573175889'		0.8	3.33	3.33	0.704	0.5	3.3	0.33 No	0.33 Unintentional Islanding
SLP074	631	'348252686_/_348252739'		0.57	3.33	3.33	0.704	0.5	3.3	0.33 No	0.33 Unintentional Islanding
SLP074	632	'348252635_/_348252712'		0.57	3.33	3.33	0.704	0.5	3.29	0.33 No	0.33 Unintentional Islanding
SLP074	633	'4885819_/_4885817'		0.57	1.4	3.33	0.704	0.3	3.33	0.33 No	0.3 Element Fault
SLP074	634	'7354565_/_7354562'		0.6	3.33	3.33	0.704	0.5	3.28	0.33 No	0.33 Unintentional Islanding
SLP074	635	'43591270_/_4885898'		0.57	1.4	3.33	0.704	0.3	3.33	0.33 No	0.3 Element Fault
SLP074	636	'8933161_/_348252673'		0.57	3.33	3.33	0.704	0.5	3.26	0.33 No	0.33 Unintentional Islanding
SLP074	637	'348252578_/_348252645'		0.53	3.33	3.33	0.704	0.5	3.26	0.33 No	0.33 Unintentional Islanding
SLP074	638	'43591052_/_4885390'		0.57	1.4	3.33	0.704	0.3	3.33	0.33 No	0.3 Element Fault
SLP074	639	'348252500_/_348252606'		0.53	3.33	3.33	0.704	0.5	3.25	0.33 No	0.33 Unintentional Islanding
SLP074	640	'9561279_/_348252565'		0.53	3.33	3.33	0.704	0.5	3.24	0.33 No	0.33 Unintentional Islanding
SLP074	641	'45158777_/_4885914'		0.57	1.37	3.33	0.704	0.3	3.33	0.33 No	0.3 Element Fault
SLP074	642	'7671783_/_573176067'		0.77	3.33	3.33	0.704	0.5	3.22	0.33 No	0.33 Unintentional Islanding
SLP074	643	'7991392_/_7991390'		0.6	3.33	3.33	0.704	0.5	3.21	0.33 No	0.33 Unintentional Islanding
SLP074	644	'43591051_/_4885377'		0.57	1.37	3.33	0.704	0.3	3.33	0.33 No	0.3 Element Fault
SLP074	645	'661694539_/_573175750_1'		0.67	3.33	3.33	0.704	0.5	3.05	0.33 No	0.33 Unintentional Islanding
SLP074	646	'4885534_/_4885548'		1.2	6.2	10	2.104	0.5	4.68	0.99 No	0.5 Element Fault
SLP074	647	'483254430_/_483254434'		1	6.2	10	2.104	0.5	4.39	0.99 No	0.5 Element Fault
SLP074	648	'4884769_/_369111468'		0.8	5.9	10	2.104	0.5	4.08	0.99 No	0.5 Element Fault
SLP074	649	'4884789_/_369111422'		0.3	1.87	3.33	0.704	0.17	1.3	0.33 No	0.17 Element Fault
SLP074	650	'4884805_/_4884802'		0.27	1.67	3.33	0.704	0.17	1.23	0.33 No	0.17 Element Fault
SLP074	651	'4884749_/_4884766'		0.6	2	10	2.104	0.5	3.45	0.99 No	0.5 Element Fault
SLP074	652	'4884748_/_4884746'		0.5	1.4	10	2.104	0.5	2.97	0.99 No	0.5 Primary Over-Voltage
SLP074	653	'7991353_/_8306276_1'		0.5	1.4	10	2.104	0.3	2.95	0.99 No	0.3 Element Fault
SLP074	654	'8306279_/_8306276_2'		0.5	1.3	10	2.104	0.3	2.85	0.99 No	0.3 Element Fault
SLP075	0	'SLP075_/_8433296'		10	10	10	1.664	10	10	5.54 No	1.664 Thermal Discharging
SLP075	1	'8433299_/_8433296'		10	10	10	1.664	10	10	5.54 No	1.664 Thermal Discharging
SLP075	2	'446896622_/_446896632'		10	10	10	1.664	10	10	5.54 No	1.664 Thermal Discharging
SLP075	3	'7426088_/_446896675'		10	10	10	1.664	10	10	5.54 No	1.664 Thermal Discharging
SLP075	4	'7426089_/_7426086'		10	10	10	1.664	10	10	5.54 No	1.664 Thermal Discharging
SLP075	5	'8685372_/_9003883'		10	10	10	1.664	10	10	5.54 No	1.664 Thermal Discharging
SLP075	6	'8685332_/_8685370'		10	10	10	1.664	10	10	5.54 No	1.664 Thermal Discharging
SLP075	7	'582993650_/_582993628'		10	10	10	1.664	10	10	5.54 No	1.664 Thermal Discharging
SLP075	8	'582993735_/_582993718'		10	10	10	1.664	10	10	5.54 No	1.664 Thermal Discharging
SLP075	9	'7425279_/_582993802'		10	10	10	1.664	10	10	5.54 No	1.664 Thermal Discharging
SLP075	10	'9003469_/_9317308'		10	10	10	1.664	10	10	5.54 No	1.664 Thermal Discharging
SLP075	11	'9003470_/_9003467'		10	10	10	1.664	10	10	5.54 No	1.664 Thermal Discharging
SLP075	12	'116267785_/_9095971_1'		10	10	10	1.664	10	10	5.54 No	1.664 Thermal Discharging
SLP075	13	'49237179_/_9095971_2'		10	10	10	1.664	10	10	5.54 No	1.664 Thermal Discharging
SLP075	14	'5949550_/_5949547'		10	10	10	1.664	10	10	5.54 No	1.664 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SLP075	15	'5951199_/_5951196'	10		10	1.664	10	10	5.54 No	1.664	Thermal Discharging
SLP075	16	'584033982_/_5951216'	10		10	1.664	10	10	5.54 No	1.664	Thermal Discharging
SLP075	17	'584034023_/_584034142'	10		10	1.664	10	10	5.54 No	1.664	Thermal Discharging
SLP075	18	'584034188_/_584034089_2'	6.67		6.67	1.112	3.1	6.67	3.7 No	1.112	Thermal Discharging
SLP075	19	'5951253_/_584034027'	10		10	1.664	10	10	5.54 No	1.664	Thermal Discharging
SLP075	20	'118874403_/_118874412'	10		10	1.664	10	10	5.54 No	1.664	Thermal Discharging
SLP075	21	'430188474_/_118874479_1'	10		10	1.664	10	10	5.54 No	1.664	Thermal Discharging
SLP075	22	'112125732_/_112125741'	10		10	1.664	10	10	5.54 No	1.664	Thermal Discharging
SLP075	23	'118874229_/_118874479_2'	10		10	1.664	10	10	5.54 No	1.664	Thermal Discharging
SLP075	24	'118874216_/_118874226'	10		10	1.664	10	10	5.54 No	1.664	Thermal Discharging
SLP075	25	'118874222_/_118874219'	10		10	1.664	10	10	5.54 No	1.664	Thermal Discharging
SLP075	26	'118874215_/_118874212'	10		10	1.664	4.6	10	5.54 No	1.664	Thermal Discharging
SLP075	27	'118874236_/_118874233'	10		10	1.664	10	10	5.54 No	1.664	Thermal Discharging
SLP075	28	'112126063_/_112125845_1'	10		10	1.664	3.7	10	5.54 No	1.664	Thermal Discharging
SLP075	29	'5951089_/_584034089_1'	6.67		6.67	1.112	1	6.67	3.7 No	1	Element Fault
SLP075	30	'118874325_/_118874502'	10		10	1.664	4.6	10	5.54 No	1.664	Thermal Discharging
SLP075	31	'118874303_/_118874321'	10		10	1.664	4.6	10	5.54 No	1.664	Thermal Discharging
SLP075	32	'118874311_/_118874307'	10		10	1.664	4.6	10	5.54 No	1.664	Thermal Discharging
SLP075	33	'118874318_/_118874314'	10		10	1.664	4.6	10	5.54 No	1.664	Thermal Discharging
SLP075	34	'118874304_/_118874300'	10		10	1.664	4.6	10	5.54 No	1.664	Thermal Discharging
SLP075	35	'43815662_/_5951051'	10		10	1.664	3.5	10	5.54 No	1.664	Thermal Discharging
SLP075	36	'5951110_/_5951107'	6.67		6.67	1.112	1	6.67	3.7 No	1	Element Fault
SLP075	37	'426915431_/_118874717_1'	10		10	1.664	10	10	5.54 No	1.664	Thermal Discharging
SLP075	38	'150209225_/_118874717_2'	10		10	1.664	10	10	5.54 No	1.664	Thermal Discharging
SLP075	39	'118874674_/_426915454_2'	10		10	1.664	10	10	5.54 No	1.664	Thermal Discharging
SLP075	40	'426915456_/_426915454_1'	10		10	1.664	10	10	5.54 No	1.664	Thermal Discharging
SLP075	41	'124153180_/_118874685'	10		10	1.664	10	10	5.54 No	1.664	Thermal Discharging
SLP075	42	'112125788_/_112125845_2'	10		10	1.664	3.7	10	5.54 No	1.664	Thermal Discharging
SLP075	43	'112125780_/_112125784'	10		10	1.664	3.7	10	5.54 No	1.664	Thermal Discharging
SLP075	44	'112125802_/_112125798'	10		10	1.664	3.7	10	5.54 No	1.664	Thermal Discharging
SLP075	45	'112125795_/_112125791'	10		10	1.664	3.7	10	5.54 No	1.664	Thermal Discharging
SLP075	46	'112125781_/_122284991'	10		10	1.664	3.7	10	5.54 No	1.664	Thermal Discharging
SLP075	47	'390924148_/_390924108'	6.67		6.67	1.112	2.47	6.67	3.7 No	1.112	Thermal Discharging
SLP075	48	'448625415_/_426915532'	10		10	1.664	10	10	5.54 No	1.664	Thermal Discharging
SLP075	49	'390924104_/_122284595'	10		10	1.664	3.7	10	5.54 No	1.664	Thermal Discharging
SLP075	50	'127093822_/_112125890_2'	10		10	1.664	3.7	10	5.54 No	1.664	Thermal Discharging
SLP075	51	'124153278_/_124153243_2'	10		10	1.664	5.3	10	5.54 No	1.664	Thermal Discharging
SLP075	52	'5952920_/_112125890_1'	10		10	1.664	2.6	10	5.54 No	1.664	Thermal Discharging
SLP075	53	'448625389_/_448625417'	10		10	1.664	10	10	5.54 No	1.664	Thermal Discharging
SLP075	54	'118874818_/_118874853'	10		10	1.664	4.6	10	5.54 No	1.664	Thermal Discharging
SLP075	55	'448625356_/_448625391'	10		10	1.664	10	10	5.54 No	1.664	Thermal Discharging
SLP075	56	'5951054_/_43815664'	10		10	1.664	3.5	10	5.54 No	1.664	Thermal Discharging
SLP075	57	'448625315_/_448625361'	10		10	1.664	10	10	5.54 No	1.664	Thermal Discharging
SLP075	58	'5951347_/_448625322'	10		10	1.664	10	10	5.54 No	1.664	Thermal Discharging
SLP075	59	'119340963_/_119242111'	10		10	1.664	2.6	10	5.54 No	1.664	Thermal Discharging
SLP075	60	'5952972_/_119340965'	10		10	1.664	2.6	10	5.54 No	1.664	Thermal Discharging
SLP075	61	'5951346_/_426916092'	10		10	1.664	10	10	5.54 No	1.664	Thermal Discharging
SLP075	62	'122284776_/_124153243_1'	10		10	1.664	1.5	10	5.54 No	1.5	Element Fault
SLP075	63	'429880824_/_426916117_1'	10		10	1.664	10	10	5.54 No	1.664	Thermal Discharging
SLP075	64	'429880754_/_426916117_2'	10		10	1.664	10	10	5.54 No	1.664	Thermal Discharging
SLP075	65	'5952954_/_112125965'	10		10	1.664	2.6	10	5.54 No	1.664	Thermal Discharging
SLP075	66	'7735958_/_118874823'	10		10	1.664	4.6	10	5.54 No	1.664	Thermal Discharging
SLP075	67	'426916026_/_429880758'	10		10	1.664	10	10	5.54 No	1.664	Thermal Discharging
SLP075	68	'121812271_/_122153850'	10		10	1.664	3.7	10	5.54 No	1.664	Thermal Discharging
SLP075	69	'125041519_/_43815728'	10		10	1.664	2.6	10	5.54 No	1.664	Thermal Discharging
SLP075	70	'5951409_/_5951423'	10		10	1.664	10	10	5.54 No	1.664	Thermal Discharging
SLP075	71	'7425599_/_426916414_1'	10		10	1.664	10	10	5.54 No	1.664	Thermal Discharging
SLP075	72	'122153887_/_122153938'	10		10	1.664	3.7	10	5.54 No	1.664	Thermal Discharging
SLP075	73	'589813567_/_589813580'	10		10	1.664	10	10	5.54 No	1.664	Thermal Discharging
SLP075	74	'589813640_/_589813564_2'	10		10	1.664	10	10	5.54 No	1.664	Thermal Discharging
SLP075	75	'5948288_/_589813564_1'	10		10	1.664	3.7	10	5.54 No	1.664	Thermal Discharging
SLP075	76	'125041335_/_125041332'	10		10	1.664	2.6	10	5.54 No	1.664	Thermal Discharging
SLP075	77	'429879705_/_426916414_2'	10		10	1.664	10	10	5.54 No	1.664	Thermal Discharging
SLP075	78	'651956403_/_651956407'	10		10	1.664	4.6	10	5.54 No	1.664	Thermal Discharging
SLP075	79	'651956309_/_651956440'	10		10	1.664	4.6	10	5.54 No	1.664	Thermal Discharging
SLP075	80	'651956290_/_651956306'	10		10	1.664	4.6	10	5.54 No	1.664	Thermal Discharging
SLP075	81	'651956291_/_651956288'	10		10	1.664	4.6	10	5.54 No	1.664	Thermal Discharging
SLP075	82	'651956297_/_651956294'	10		10	1.664	4.6	10	5.54 No	1.664	Thermal Discharging
SLP075	83	'651956303_/_651956300'	10		10	1.664	4.6	10	5.54 No	1.664	Thermal Discharging
SLP075	84	'5948271_/_5948285'	10		10	1.664	3.7	10	5.54 No	1.664	Thermal Discharging
SLP075	85	'122284701_/_122284787'	10		10	1.664	1.5	10	5.54 No	1.5	Element Fault
SLP075	86	'429879245_/_429879301'	10		10	1.664	10	10	5.54 No	1.664	Thermal Discharging
SLP075	87	'389135489_/_390924213'	3.33		3.33	0.552	1.23	3.33	1.85 No	0.552	Thermal Discharging
SLP075	88	'651956347_/_651956378'	10		10	1.664	4.6	10	5.54 No	1.664	Thermal Discharging
SLP075	89	'5948305_/_5948302'	10		10	1.664	3.7	10	5.54 No	1.664	Thermal Discharging
SLP075	90	'7735957_/_7735955'	10		10	1.664	4.6	10	5.54 No	1.664	Thermal Discharging
SLP075	91	'651956465_/_651956481'	10		10	1.664	4.6	10	5.54 No	1.664	Thermal Discharging
SLP075	92	'7425598_/_7425596_2'	10		10	1.664	10	10	5.54 No	1.664	Thermal Discharging
SLP075	93	'43813234_/_5948268'	10		10	1.664	3.7	10	5.54 No	1.664	Thermal Discharging
SLP075	94	'5946834_/_7425596_1'	10		10	1.664	10	10	5.54 No	1.664	Thermal Discharging
SLP075	95	'43819547_/_5956231'	10		10	1.664	10	10	5.54 No	1.664	Thermal Discharging
SLP075	96	'5956217_/_43819549'	10		10	1.664	10	10	5.54 No	1.664	Thermal Discharging
SLP075	97	'49934612_/_5956215_1'	3.33		3.33	0.552	0.5	3.33	1.85 No	0.5	Element Fault
SLP075	98	'5946833_/_5946831'	10		10	1.664	10	10	5.54 No	1.664	Thermal Discharging
SLP075	99	'5948053_/_5948248'	10		10	1.664	3.7	10	5.54 No	1.664	Thermal Discharging
SLP075	100	'43819560_/_5956281'	10		10	1.664	10	10	5.54 No	1.664	Thermal Discharging
SLP075	101	'43820209_/_5954827'	10		10	1.664	3.7	10	5.54 No	1.664	Thermal Discharging
SLP075	102	'5946787_/_5956264'	10		10	1.664	10	10	5.54 No	1.664	Thermal Discharging
SLP075	103	'122284586_/_390924152'	10		10	1.664	3.7	10	5.54 No	1.664	Thermal Discharging
SLP075	104	'5946786_/_5946784'	10		10	1.664	10	10	5.54 No	1.664	Thermal Discharging
SLP075	105	'43813247_/_5948421'	10		10	1.664	3.5	10	5.54 No	1.664	Thermal Discharging
SLP075	106	'5946770_/_5956181'	10		10	1.664	10	10	5.54 No	1.664	Thermal Discharging
SLP075	107	'5946769_/_5946767'	10		10	1.664	10	10	5.54 No	1.664	Thermal Discharging
SLP075	108	'43819536_/_5956215_2'	3.33		3.33	0.552	0.5	3.33	1.85 No	0.5	Element Fault

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SLP075	109	'43819523_/_5956164'		10	10	10	1.664	10	10	5.54 No	1.664 Thermal Discharging
SLP075	110	'5947844_/_5956298'		10	10	10	1.664	10	10	5.54 No	1.664 Thermal Discharging
SLP075	111	'5947824_/_5947841'		10	10	10	1.664	10	10	5.54 No	1.664 Thermal Discharging
SLP075	112	'117479671_/_43819327'		10	10	10	1.664	10	10	5.54 No	1.664 Thermal Discharging
SLP075	113	'43813261_/_43813249'		10	10	10	1.664	3.5	10	5.54 No	1.664 Thermal Discharging
SLP075	114	'43820222_/_43820211'		10	10	10	1.664	3.7	10	5.54 No	1.664 Thermal Discharging
SLP075	115	'5947729_/_5947804'		10	10	10	1.664	10	10	5.54 No	1.664 Thermal Discharging
SLP075	116	'5947914_/_5947912'		10	10	10	1.664	10	10	5.54 No	1.664 Thermal Discharging
SLP075	117	'428860250_/_428860261'		10	10	10	1.664	10	10	5.54 No	1.664 Thermal Discharging
SLP075	118	'5947730_/_5947740_1'	3.33		3.33	3.33	0.552	0.5	3.33	1.85 No	0.5 Element Fault
SLP075	119	'43819338_/_5947878'		10	10	10	1.664	10	10	5.54 No	1.664 Thermal Discharging
SLP075	120	'389135524_/_389135543'	3.33		3.33	3.33	0.552	1.23	3.33	1.85 No	0.552 Thermal Discharging
SLP075	121	'5949654_/_428860284'		10	10	10	1.664	10	10	5.54 No	1.664 Thermal Discharging
SLP075	122	'5956218_/_43819538'	3.33		3.33	3.33	0.552	0.5	3.33	1.85 No	0.5 Element Fault
SLP075	123	'5949585_/_5949651'		10	10	10	1.664	10	10	5.54 No	1.664 Thermal Discharging
SLP075	124	'5946675_/_43813263'		10	10	10	1.664	3.5	10	5.54 No	1.664 Thermal Discharging
SLP075	125	'5947683_/_5949671'		10	10	10	1.664	10	10	5.54 No	1.664 Thermal Discharging
SLP075	126	'43819351_/_5947740_2'	3.33		3.33	3.33	0.552	0.5	3.33	1.85 No	0.5 Element Fault
SLP075	127	'5947755_/_5947753'		10	10	10	1.664	10	10	5.54 No	1.664 Thermal Discharging
SLP075	128	'427346665_/_5949567_2'	3.33		3.33	3.33	0.552	1.4	3.33	1.85 No	0.552 Thermal Discharging
SLP075	129	'43819312_/_5947787'		10	10	10	1.664	10	10	5.54 No	1.664 Thermal Discharging
SLP075	130	'5948321_/_43820224'		10	10	10	1.664	3.7	10	5.54 No	1.664 Thermal Discharging
SLP075	131	'43819299_/_5947681'		10	10	10	1.664	4.3	10	5.54 No	1.664 Thermal Discharging
SLP075	132	'122284643_/_122284741'		10	10	10	1.664	1.5	10	5.54 No	1.5 Element Fault
SLP075	133	'5947703_/_5949567_1'	3.33		3.33	3.33	0.552	0.5	3.33	1.85 No	0.5 Element Fault
SLP075	134	'5947772_/_5947770'		10	10	10	1.664	10	10	5.54 No	1.664 Thermal Discharging
SLP075	135	'7155452_/_7155469_1'		10	10	10	1.664	1.5	10	5.54 No	1.5 Element Fault
SLP075	136	'445508967_/_445508964'	3.33		3.33	3.33	0.552	1.5	3.33	1.85 No	0.552 Thermal Discharging
SLP075	137	'454996437_/_445509001_1'	3.33		3.33	3.33	0.552	0.5	3.33	1.85 No	0.5 Element Fault
SLP075	138	'5949612_/_5949705'		10	10	10	1.664	10	10	5.54 No	1.664 Thermal Discharging
SLP075	139	'5948002_/_5949688'		10	10	10	1.664	10	10	5.54 No	1.664 Thermal Discharging
SLP075	140	'5949611_/_5949609_2'	3.33		3.33	3.33	0.552	1.5	3.33	1.85 No	0.552 Thermal Discharging
SLP075	141	'5949598_/_5949609_1'	3.33		3.33	3.33	0.552	0.5	3.33	1.85 No	0.5 Element Fault
SLP075	142	'5947684_/_43819301'		10	10	10	1.664	4.3	10	5.54 No	1.664 Thermal Discharging
SLP075	143	'5949599_/_5949596'	3.33		3.33	3.33	0.552	0.5	3.33	1.85 No	0.5 Element Fault
SLP075	144	'5947985_/_5947999'		10	10	10	1.664	10	10	5.54 No	1.664 Thermal Discharging
SLP075	145	'43819004_/_7155469_2'		10	10	10	1.664	1.5	10	5.54 No	1.5 Element Fault
SLP075	146	'5948322_/_5948319'		10	10	10	1.664	3.7	10	5.54 No	1.664 Thermal Discharging
SLP075	147	'43819187_/_5947982'		10	10	10	1.664	10	10	5.54 No	1.664 Thermal Discharging
SLP075	148	'5947704_/_5947701'	3.33		3.33	3.33	0.552	0.5	3.33	1.85 No	0.5 Element Fault
SLP075	149	'5946996_/_5947010'		10	10	10	1.664	10	10	5.54 No	1.664 Thermal Discharging
SLP075	150	'5948466_/_5948484'		10	10	10	1.664	3.5	10	5.54 No	1.664 Thermal Discharging
SLP075	151	'5946979_/_5946993'		10	10	10	1.664	10	10	5.54 No	1.664 Thermal Discharging
SLP075	152	'5946959_/_5946976'		10	10	10	1.664	10	10	5.54 No	1.664 Thermal Discharging
SLP075	153	'7155472_/_43819006'		10	10	10	1.664	1.5	10	5.54 No	1.5 Element Fault
SLP075	154	'5946731_/_5946728'	3.33		3.33	3.33	0.552	0.5	3.33	1.85 No	0.5 Element Fault
SLP075	155	'5946863_/_5946956'		10	10	10	1.664	10	10	5.54 No	1.664 Thermal Discharging
SLP075	156	'5946919_/_5946939'		10	10	10	1.664	10	10	5.54 No	1.664 Thermal Discharging
SLP075	157	'5947671_/_5947714'	3.33		3.33	3.33	0.552	0.5	3.33	1.85 No	0.5 Element Fault
SLP075	158	'5949628_/_5949625'	3.33		3.33	3.33	0.552	0.5	3.33	1.85 No	0.5 Element Fault
SLP075	159	'5948339_/_5948336'		10	10	10	1.664	3.7	10	5.54 No	1.664 Thermal Discharging
SLP075	160	'5946851_/_5946916'		10	10	10	1.664	10	10	5.54 No	1.664 Thermal Discharging
SLP075	161	'5946864_/_5946900_1'	3.33		3.33	3.33	0.552	0.5	3.33	1.85 No	0.5 Element Fault
SLP075	162	'5947029_/_5947027'		10	10	10	1.664	10	10	5.54 No	1.664 Thermal Discharging
SLP075	163	'5948467_/_5948464'		10	10	10	1.664	1.5	10	5.54 No	1.5 Element Fault
SLP075	164	'43811558_/_7103462'		10	10	10	1.664	10	10	5.54 No	1.664 Thermal Discharging
SLP075	165	'5946691_/_5946848'	3.33		3.33	3.33	0.552	2.5	3.33	1.85 No	0.552 Thermal Discharging
SLP075	166	'5919928_/_5919942'		10	10	10	1.664	10	10	5.54 No	1.664 Thermal Discharging
SLP075	167	'5947670_/_5947668'	3.33		3.33	3.33	0.552	0.5	3.33	1.85 No	0.5 Element Fault
SLP075	168	'5948356_/_5948353'		10	10	10	1.664	3.7	10	5.54 No	1.664 Thermal Discharging
SLP075	169	'5919911_/_5919925'		10	10	10	1.664	10	10	5.54 No	1.664 Thermal Discharging
SLP075	170	'5946903_/_5946900_2'	3.33		3.33	3.33	0.552	0.5	3.33	1.85 No	0.5 Element Fault
SLP075	171	'5919910_/_5919908'		10	10	10	1.664	10	10	5.54 No	1.664 Thermal Discharging
SLP075	172	'389135440_/_389135561'	2.83		3.33	3.33	0.552	1.23	3.33	1.85 No	0.552 Thermal Discharging
SLP075	173	'5920039_/_5920053'		10	10	10	1.664	10	10	5.54 No	1.664 Thermal Discharging
SLP075	174	'5946877_/_5946874'	3.33		3.33	3.33	0.552	1.4	3.33	1.85 No	0.552 Thermal Discharging
SLP075	175	'43811582_/_5920036'		10	10	10	1.664	10	10	5.54 No	1.664 Thermal Discharging
SLP075	176	'445508982_/_445509001_2'	3.33		3.33	3.33	0.552	0.5	3.33	1.85 No	0.5 Element Fault
SLP075	177	'5947959_/_5947969'	3.33		3.33	3.33	0.552	0.5	3.33	1.85 No	0.5 Element Fault
SLP075	178	'5920005_/_5920019'		10	10	10	1.664	10	10	5.54 No	1.664 Thermal Discharging
SLP075	179	'5946744_/_5946741'	3.33		3.33	3.33	0.552	0.5	3.33	1.85 No	0.5 Element Fault
SLP075	180	'43819030_/_5948504'		10	10	10	1.664	3.5	10	5.54 No	1.664 Thermal Discharging
SLP075	181	'5948373_/_5948370'		10	10	10	1.664	3.7	10	5.54 No	1.664 Thermal Discharging
SLP075	182	'5919985_/_5920002'		10	10	10	1.664	10	10	5.54 No	1.664 Thermal Discharging
SLP075	183	'7420318_/_9003187'		10	10	10	1.664	3.7	10	5.54 No	1.664 Thermal Discharging
SLP075	184	'445509021_/_445509040'	3.33		3.33	3.33	0.552	0.5	3.33	1.85 No	0.5 Element Fault
SLP075	185	'43811536_/_7103446'	3.33		3.33	3.33	0.552	0.5	3.33	1.85 No	0.5 Element Fault
SLP075	186	'5919967_/_5919982'		10	10	10	1.664	10	10	5.54 No	1.664 Thermal Discharging
SLP075	187	'5947958_/_5947956'	3.33		3.33	3.33	0.552	0.5	3.33	1.85 No	0.5 Element Fault
SLP075	188	'390924194_/_389135459'	2.4		3.33	3.33	0.552	1.23	3.33	1.85 No	0.552 Thermal Discharging
SLP075	189	'5919968_/_5919965'		10	10	10	1.664	10	10	5.54 No	1.664 Thermal Discharging
SLP075	190	'7420317_/_7420315'		10	10	10	1.664	1.6	10	5.54 No	1.6 Element Fault
SLP075	191	'7424393_/_7424390_1'		10	10	10	1.664	1.9	10	5.54 No	1.664 Thermal Discharging
SLP075	192	'5920362_/_5921011'		10	10	10	1.664	10	10	5.54 No	1.664 Thermal Discharging
SLP075	193	'5946718_/_5946887'	3.33		3.33	3.33	0.552	1.4	3.33	1.85 No	0.552 Thermal Discharging
SLP075	194	'444206566_/_444206568'		10	10	10	1.664	10	10	5.54 No	1.664 Thermal Discharging
SLP075	195	'43819017_/_5948441'		9.3	10	10	1.664	3.5	10	5.54 No	1.664 Thermal Discharging
SLP075	196	'43807544_/_43807546'		10	10	10	1.664	10	10	5.54 No	1.664 Thermal Discharging
SLP075	197	'5948507_/_43819032'	8.8		10	10	1.664	3.5	10	5.54 No	1.664 Thermal Discharging
SLP075	198	'5920767_/_5920764_2'		10	10	10	1.664	10	10	5.54 No	1.664 Thermal Discharging
SLP075	199	'5948530_/_5948527'		9.6	10	10	1.664	3.7	10	5.54 No	1.664 Thermal Discharging
SLP075	200	'5920381_/_5920764_1'		10	10	10	1.664	10	10	5.54 No	1.664 Thermal Discharging
SLP075	201	'49934607_/_5948544_1'		9.2	10	10	1.664	2.5	10	5.54 No	1.664 Thermal Discharging
SLP075	202	'5948547_/_5948544_2'		9.2	10	10	1.664	2.5	10	5.54 No	1.664 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SLP075	203	'43807518_/5920747'		10	10	10	1.664	1.0	10	5.54 No	1.664 Thermal Discharging
SLP075	204	'5920382_/5920396_1'		10	10	10	1.664	1.5	10	5.54 No	1.5 Element Fault
SLP075	205	'43811541_/43811538'		3.33	3.33	3.33	0.552	0.5	3.33	1.85 No	0.5 Element Fault
SLP075	206	'5920481_/5920730'		10	10	10	1.664	1.0	10	5.54 No	1.664 Thermal Discharging
SLP075	207	'5919468_/5920713'		10	10	10	1.664	1.0	10	5.54 No	1.664 Thermal Discharging
SLP075	208	'37940885_/7424390_2'		10	10	10	1.664	1.9	10	5.54 No	1.664 Thermal Discharging
SLP075	209	'37940878_/37940882'		10	10	10	1.664	1.9	10	5.54 No	1.664 Thermal Discharging
SLP075	210	'37940899_/37940903'		10	10	10	1.664	1.9	10	5.54 No	1.664 Thermal Discharging
SLP075	211	'37940871_/37940875'		10	10	10	1.664	1.9	10	5.54 No	1.664 Thermal Discharging
SLP075	212	'404599099_/404599096'		10	10	10	1.664	1.9	10	5.54 No	1.664 Thermal Discharging
SLP075	213	'483302142_/5920096_2'		3.33	3.33	3.33	0.552	1.2	3.33	1.85 No	0.552 Thermal Discharging
SLP075	214	'5920399_/5920396_2'		10	10	10	1.664	1.5	10	5.54 No	1.5 Element Fault
SLP075	215	'416292246_/5920557_1'		3.33	3.33	3.33	0.552	0.5	3.33	1.85 No	0.5 Element Fault
SLP075	216	'7735018_/7735015'		10	10	10	1.664	1.5	10	5.54 No	1.5 Element Fault
SLP075	217	'5919431_/5919465'		10	10	10	1.664	1.0	10	5.54 No	1.664 Thermal Discharging
SLP075	218	'5946757_/5946754'		3.27	3.33	3.33	0.552	0.5	3.33	1.85 No	0.5 Element Fault
SLP075	219	'5920073_/5920096_1'		3.33	3.33	3.33	0.552	0.5	3.33	1.85 No	0.5 Element Fault
SLP075	220	'7424333_/7424330'		10	10	10	1.664	1.5	10	5.54 No	1.5 Element Fault
SLP075	221	'5948444_/43819019'		7.2	10	10	1.664	3.5	10	5.54 No	1.664 Thermal Discharging
SLP075	222	'43807384_/43807386'		10	10	10	1.664	1.0	10	5.54 No	1.664 Thermal Discharging
SLP075	223	'5919450_/5919448'		10	10	10	1.664	1.0	10	5.54 No	1.664 Thermal Discharging
SLP075	224	'5920946_/5920960'		10	10	10	1.664	1.0	10	5.54 No	1.664 Thermal Discharging
SLP075	225	'5948389_/5948561'		7.1	10	10	1.664	2.5	10	5.54 No	1.664 Thermal Discharging
SLP075	226	'9316030_/9626639'		10	10	10	1.664	1.5	10	5.54 No	1.5 Element Fault
SLP075	227	'43807596_/5920557_2'		3.33	3.33	3.33	0.552	0.5	3.33	1.85 No	0.5 Element Fault
SLP075	228	'5920929_/5920943'		10	10	10	1.664	1.0	10	5.54 No	1.664 Thermal Discharging
SLP075	229	'5920072_/5920070'		3.33	3.33	3.33	0.552	0.5	3.33	1.85 No	0.5 Element Fault
SLP075	230	'5920912_/5920926'		10	10	10	1.664	1.0	10	5.54 No	1.664 Thermal Discharging
SLP075	231	'9316031_/9316028'		10	10	10	1.664	1.5	10	5.54 No	1.5 Element Fault
SLP075	232	'53576331_/53576309'		10	10	10	1.664	1.0	10	5.54 No	1.664 Thermal Discharging
SLP075	233	'9316050_/9316048'		10	10	10	1.664	1.5	10	5.54 No	1.5 Element Fault
SLP075	234	'452195010_/452195029'		3.33	3.33	3.33	0.552	0.63	3.33	1.85 No	0.552 Thermal Discharging
SLP075	235	'53576441_/5920909'		10	10	10	1.664	1.0	10	5.54 No	1.664 Thermal Discharging
SLP075	236	'53576289_/5920977'		10	10	10	1.664	1.0	10	5.54 No	1.664 Thermal Discharging
SLP075	237	'353605349_/43806844'		10	10	10	1.664	1.5	10	5.54 No	1.5 Element Fault
SLP075	238	'5920438_/43807585'		10	10	10	1.664	1.5	10	5.54 No	1.5 Element Fault
SLP075	239	'7424313_/7424310'		10	10	10	1.664	1.9	10	5.54 No	1.664 Thermal Discharging
SLP075	240	'5919614_/5919612'		10	10	10	1.664	1.0	10	5.54 No	1.664 Thermal Discharging
SLP075	241	'5920823_/5920892'		10	10	10	1.664	1.0	10	5.54 No	1.664 Thermal Discharging
SLP075	242	'5919686_/5919683_2'		10	10	10	1.664	1.0	10	5.54 No	1.664 Thermal Discharging
SLP075	243	'56801448_/56801393_1'		10	10	10	1.664	3.2	10	5.54 No	1.664 Thermal Discharging
SLP075	244	'5920111_/5920122'		3.33	3.33	3.33	0.552	0.5	3.33	1.85 No	0.5 Element Fault
SLP075	245	'458059954_/458059956'		10	10	10	1.664	1.0	10	5.54 No	1.664 Thermal Discharging
SLP075	246	'5920861_/5920875'		10	10	10	1.664	1.0	10	5.54 No	1.664 Thermal Discharging
SLP075	247	'5919632_/5919683_1'		10	10	10	1.664	1.0	10	5.54 No	1.664 Thermal Discharging
SLP075	248	'447196551_/447196505_1'		10	10	10	1.664	3.6	10	5.54 No	1.664 Thermal Discharging
SLP075	249	'56801386_/56801393_2'		10	10	10	1.664	3.2	10	5.54 No	1.664 Thermal Discharging
SLP075	250	'7734938_/9626479_1'		10	10	10	1.664	3.2	10	5.54 No	1.664 Thermal Discharging
SLP075	251	'5914387_/5919629'		10	10	10	1.664	1.0	10	5.54 No	1.664 Thermal Discharging
SLP075	252	'5920494_/5920544'		3.33	3.33	3.33	0.552	0.5	3.33	1.85 No	0.5 Element Fault
SLP075	253	'43819043_/5948387'		6	10	10	1.664	2.5	10	5.54 No	1.664 Thermal Discharging
SLP075	254	'5956251_/5956248'		2.23	3.33	3.33	0.552	0.5	3.33	1.85 No	0.5 Element Fault
SLP075	255	'8058878_/5914384'		10	10	10	1.664	1.0	10	5.54 No	1.664 Thermal Discharging
SLP075	256	'56801493_/56801410'		10	10	10	1.664	3.2	10	5.54 No	1.664 Thermal Discharging
SLP075	257	'8059014_/9626479_2'		10	10	10	1.664	3.2	10	5.54 No	1.664 Thermal Discharging
SLP075	258	'7736057_/9317136'		5.6	10	10	1.664	1.6	10	5.54 No	1.6 Element Fault
SLP075	259	'43807607_/43807609'		3	3.33	3.33	0.552	0.5	3.33	1.85 No	0.5 Element Fault
SLP075	260	'50373829_/56801497_1'		10	10	10	1.664	3.2	10	5.54 No	1.664 Thermal Discharging
SLP075	261	'50373677_/56801497_2'		10	10	10	1.664	3.2	10	5.54 No	1.664 Thermal Discharging
SLP075	262	'440086016_/440086020'		10	10	10	1.664	3.2	10	5.54 No	1.664 Thermal Discharging
SLP075	263	'43811571_/5920109'		3.27	3.33	3.33	0.552	0.5	3.33	1.85 No	0.5 Element Fault
SLP075	264	'7736058_/7736055'		5	10	10	1.664	1.6	10	5.54 No	1.6 Element Fault
SLP075	265	'5948407_/43819045'		5.1	10	10	1.664	2.5	10	5.54 No	1.664 Thermal Discharging
SLP075	266	'5920495_/5920492'		2.2	3.33	3.33	0.552	0.5	3.33	1.85 No	0.5 Element Fault
SLP075	267	'7735038_/440086062'		8.9	10	10	1.664	3.2	10	5.54 No	1.664 Thermal Discharging
SLP075	268	'50373668_/50373720'		7.9	10	10	1.664	3.2	10	5.54 No	1.664 Thermal Discharging
SLP075	269	'5920456_/5920466'		2.13	3.33	3.33	0.552	0.5	3.33	1.85 No	0.5 Element Fault
SLP075	270	'7424353_/7424350'		5.9	10	10	1.664	1.9	10	5.54 No	1.664 Thermal Discharging
SLP075	271	'5919856_/5919853'		2.43	3.33	3.33	0.552	0.5	3.33	1.85 No	0.5 Element Fault
SLP075	272	'49234528_/5956418'		4.5	10	10	1.664	2.5	10	5.54 No	1.664 Thermal Discharging
SLP075	273	'50373846_/50373741'		6.5	10	10	1.664	3.2	10	5.54 No	1.664 Thermal Discharging
SLP075	274	'7735150_/7735147'		5.2	10	10	1.664	1.9	10	5.54 No	1.664 Thermal Discharging
SLP075	275	'5950704_/5950702'		4.3	10	10	1.664	2.5	10	5.54 No	1.664 Thermal Discharging
SLP075	276	'70284384_/5950719_2'		4.3	10	10	1.664	2.5	10	5.54 No	1.664 Thermal Discharging
SLP075	277	'37940941_/50373681'		6	10	10	1.664	3.2	10	5.54 No	1.664 Thermal Discharging
SLP075	278	'37940920_/37940945'		6	10	10	1.664	3.2	10	5.54 No	1.664 Thermal Discharging
SLP075	279	'37940927_/37940924'		6	10	10	1.664	3.2	10	5.54 No	1.664 Thermal Discharging
SLP075	280	'37940913_/37940917'		6.1	10	10	1.664	3.2	10	5.54 No	1.664 Thermal Discharging
SLP075	281	'404623713_/404623710'		6	10	10	1.664	3.2	10	5.54 No	1.664 Thermal Discharging
SLP075	282	'447196966_/447196505_2'		6.4	10	10	1.664	3.6	10	5.54 No	1.664 Thermal Discharging
SLP075	283	'49934626_/9628451_2'		4.2	10	10	1.664	2.5	10	5.54 No	1.664 Thermal Discharging
SLP075	284	'5920455_/5920453'		1.77	3.33	3.33	0.552	0.5	3.33	1.85 No	0.5 Element Fault
SLP075	285	'5950668_/5950719_1'		4.2	10	10	1.664	2.5	10	5.54 No	1.664 Thermal Discharging
SLP075	286	'5919872_/5919869'		2.07	3.33	3.33	0.552	0.5	3.33	1.85 No	0.5 Element Fault
SLP075	287	'37939898_/8058875'		5.9	10	10	1.664	5.3	10	5.54 No	1.664 Thermal Discharging
SLP075	288	'8685568_/9003647'		4	10	10	1.664	1.6	10	5.54 No	1.6 Element Fault
SLP075	289	'9628454_/9628451_1'		4.1	10	10	1.664	1.5	10	5.54 No	1.5 Element Fault
SLP075	290	'8058993_/447196467'		5.7	10	10	1.664	3.6	10	5.54 No	1.664 Thermal Discharging
SLP075	291	'435359967_/8683800'		5.2	10	10	1.664	3.2	10	5.54 No	1.664 Thermal Discharging
SLP075	292	'435359930_/435360068'		5.2	10	10	1.664	3.2	10	5.54 No	1.664 Thermal Discharging
SLP075	293	'5919885_/5919882'		1.93	3.33	3.33	0.552	0.5	3.33	1.85 No	0.5 Element Fault
SLP075	294	'5950667_/43819597'		3.9	10	10	1.664	2.5	10	5.54 No	1.664 Thermal Discharging
SLP075	295	'43807618_/5920518'		1.57	3.33	3.33	0.552	0.5	3.33	1.85 No	0.5 Element Fault
SLP075	296	'5922438_/9316104_2'		4.4	10	10	1.664	1.9	10	5.54 No	1.664 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Over-Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SLP075	297	'8058994_/_8058991'		5.2	10	10	1.664	3.6	10	5.54 No	1.664 Thermal Discharging
SLP075	298	'43811974_/_9316104_1'		4.4	10	10	1.664	0.9	10	5.54 No	0.9 Element Fault
SLP075	299	'5919803_/_5919895'		1.87	3.33	3.33	0.552	0.5	3.33	1.85 No	0.5 Element Fault
SLP075	300	'56801555_/_9001923_1'		3	10	10	1.664	3.2	10	5.54 No	1.664 Thermal Discharging
SLP075	301	'5922385_/_43811976'		4.4	10	10	1.664	0.9	10	5.54 No	0.9 Element Fault
SLP075	302	'5948069_/_5956380'		3.8	10	10	1.664	2.5	10	5.54 No	1.664 Thermal Discharging
SLP075	303	'5922367_/_5922383'		4.3	10	10	1.664	0.9	10	5.54 No	0.9 Element Fault
SLP075	304	'43811547_/_5919801'		1.77	3.33	3.33	0.552	0.5	3.33	1.85 No	0.5 Element Fault
SLP075	305	'447197012_/_9626679'		4.5	10	10	1.664	3.2	10	5.54 No	1.664 Thermal Discharging
SLP075	306	'5919817_/_5919814'		1.73	3.33	3.33	0.552	0.5	3.33	1.85 No	0.5 Element Fault
SLP075	307	'43812000_/_5922628'		4	10	10	1.664	0.9	10	5.54 No	0.9 Element Fault
SLP075	308	'7420264_/_8685566'		3.5	10	10	1.664	1.6	10	5.54 No	1.6 Element Fault
SLP075	309	'7735189_/_7735187_1'		4	10	10	1.664	0.5	10	5.54 No	0.5 Element Fault
SLP075	310	'5922423_/_5922420_1'		1.47	3.33	3.33	0.552	0.2	3.33	1.85 No	0.2 Element Fault
SLP075	311	'5919804_/_43811549'		1.67	3.33	3.33	0.552	0.5	3.33	1.85 No	0.5 Element Fault
SLP075	312	'7420263_/_7420261'		2.27	6.67	6.67	1.112	1.07	6.67	3.7 No	1.07 Element Fault
SLP075	313	'5919295_/_5922365_1'		2.93	6.67	6.67	1.112	0.3	6.67	3.7 No	0.3 Element Fault
SLP075	314	'153584946_/_5920531'		1.33	3.33	3.33	0.552	0.5	3.33	1.85 No	0.5 Element Fault
SLP075	315	'43807452_/_5922420_2'		1.47	3.33	3.33	0.552	0.2	3.33	1.85 No	0.2 Element Fault
SLP075	316	'43813299_/_5956397'		2.27	6.67	6.67	1.112	1.67	6.67	3.7 No	1.112 Thermal Discharging
SLP075	317	'5919294_/_5922365_2'		2.93	6.67	6.67	1.112	0.3	6.67	3.7 No	0.3 Element Fault
SLP075	318	'407021476_/_9627811'		2.8	10	10	1.664	1.6	10	5.54 No	1.6 Element Fault
SLP075	319	'43806991_/_5919827'		1.63	3.33	3.33	0.552	0.5	3.33	1.85 No	0.5 Element Fault
SLP075	320	'7736038_/_407021498'		2.8	10	10	1.664	1.6	10	5.54 No	1.6 Element Fault
SLP075	321	'7735190_/_7735187_2'		3.8	10	10	1.664	0.5	10	5.54 No	0.5 Element Fault
SLP075	322	'43813286_/_5948067'		3.3	10	10	1.664	2.5	10	5.54 No	1.664 Thermal Discharging
SLP075	323	'5918886_/_5919840'		1.57	3.33	3.33	0.552	0.5	3.33	1.85 No	0.5 Element Fault
SLP075	324	'5919389_/_5919386'		1.47	3.33	3.33	0.552	0.15	3.33	1.85 No	0.15 Element Fault
SLP075	325	'7736017_/_7736035'		2.8	10	10	1.664	1.6	10	5.54 No	1.6 Element Fault
SLP075	326	'5919523_/_5919599'		1.47	3.33	3.33	0.552	0.2	3.33	1.85 No	0.2 Element Fault
SLP075	327	'5918887_/_5918884'		1.47	3.33	3.33	0.552	0.5	3.33	1.85 No	0.5 Element Fault
SLP075	328	'5956400_/_43813301'		2.07	6.67	6.67	1.112	1.67	6.67	3.7 No	1.112 Thermal Discharging
SLP075	329	'5919243_/_5919240'		1.47	3.33	3.33	0.552	0.5	3.33	1.85 No	0.5 Element Fault
SLP075	330	'440831075_/_7736015'		2.8	10	10	1.664	1.6	10	5.54 No	1.6 Element Fault
SLP075	331	'7735998_/_440831096'		2.8	10	10	1.664	1.6	10	5.54 No	1.6 Element Fault
SLP075	332	'5919214_/_5919227'		1.43	3.33	3.33	0.552	0.5	3.33	1.85 No	0.5 Element Fault
SLP075	333	'5948070_/_43813288'		3	10	10	1.664	2.5	10	5.54 No	1.664 Thermal Discharging
SLP075	334	'51571512_/_51571448_1'		3	10	10	1.664	1.6	10	5.54 No	1.6 Element Fault
SLP075	335	'43807441_/_5919399'		1.43	3.33	3.33	0.552	0.15	3.33	1.85 No	0.15 Element Fault
SLP075	336	'5948103_/_5948101'		2.9	10	10	1.664	2.5	10	5.54 No	1.664 Thermal Discharging
SLP075	337	'5919524_/_5919521'		1.37	3.33	3.33	0.552	0.2	3.33	1.85 No	0.2 Element Fault
SLP075	338	'5918900_/_5918897'		1.37	3.33	3.33	0.552	0.5	3.33	1.85 No	0.5 Element Fault
SLP075	339	'43807397_/_5919307'		2.6	6.67	6.67	1.112	0.3	6.67	3.7 No	0.3 Element Fault
SLP075	340	'5918857_/_5919253'		1.37	3.33	3.33	0.552	0.5	3.33	1.85 No	0.5 Element Fault
SLP075	341	'43807035_/_5919211'		1.33	3.33	3.33	0.552	0.5	3.33	1.85 No	0.5 Element Fault
SLP075	342	'447196837_/_447196645'		3.2	10	10	1.664	3.2	10	5.54 No	1.664 Thermal Discharging
SLP075	343	'5918913_/_5918910'		1.3	3.33	3.33	0.552	0.5	3.33	1.85 No	0.5 Element Fault
SLP075	344	'43806969_/_5918855'		1.33	3.33	3.33	0.552	0.5	3.33	1.85 No	0.5 Element Fault
SLP075	345	'5948087_/_5948084'		2.8	10	10	1.664	2.5	10	5.54 No	1.664 Thermal Discharging
SLP075	346	'5919269_/_5919266'		1.3	3.33	3.33	0.552	0.5	3.33	1.85 No	0.5 Element Fault
SLP075	347	'51571441_/_51571448_2'		2.8	10	10	1.664	1.6	10	5.54 No	1.6 Element Fault
SLP075	348	'5922222_/_5922219'		1.27	3.33	3.33	0.552	0.15	3.33	1.85 No	0.15 Element Fault
SLP075	349	'5948144_/_5948158'		2.7	10	10	1.664	2.5	10	5.54 No	1.664 Thermal Discharging
SLP075	350	'5948213_/_5948228'		2.7	10	10	1.664	2.5	10	5.54 No	1.664 Thermal Discharging
SLP075	351	'8060083_/_8060081_1'		2.7	10	10	1.664	1.5	10	5.54 No	1.5 Element Fault
SLP075	352	'5919330_/_43807399'		1.27	3.33	3.33	0.552	0.15	3.33	1.85 No	0.15 Element Fault
SLP075	353	'43807463_/_5919560'		1.27	3.33	3.33	0.552	0.2	3.33	1.85 No	0.2 Element Fault
SLP075	354	'5918818_/_43806971'		1.27	3.33	3.33	0.552	0.5	3.33	1.85 No	0.5 Element Fault
SLP075	355	'7424372_/_7424370'		3.1	10	10	1.664	3.2	10	5.54 No	1.664 Thermal Discharging
SLP075	356	'7734917_/_7734915'		3.1	10	10	1.664	3.2	10	5.54 No	1.664 Thermal Discharging
SLP075	357	'5919188_/_5919198'		1.2	3.33	3.33	0.552	0.5	3.33	1.85 No	0.5 Element Fault
SLP075	358	'8060084_/_8060081_2'		2.6	10	10	1.664	1.5	10	5.54 No	1.5 Element Fault
SLP075	359	'7425638_/_7735995'		2.6	10	10	1.664	1.6	10	5.54 No	1.6 Element Fault
SLP075	360	'5922235_/_5922232'		1.2	3.33	3.33	0.552	0.15	3.33	1.85 No	0.15 Element Fault
SLP075	361	'5918831_/_5919279'		1.23	3.33	3.33	0.552	0.5	3.33	1.85 No	0.5 Element Fault
SLP075	362	'5918955_/_5918968'		1.23	3.33	3.33	0.552	0.5	3.33	1.85 No	0.5 Element Fault
SLP075	363	'5918954_/_5918952'		1.23	3.33	3.33	0.552	0.2	3.33	1.85 No	0.2 Element Fault
SLP075	364	'43806912_/_5918816'		1.2	3.33	3.33	0.552	0.5	3.33	1.85 No	0.5 Element Fault
SLP075	365	'43806980_/_5918923'		1.17	3.33	3.33	0.552	0.5	3.33	1.85 No	0.5 Element Fault
SLP075	366	'7420282_/_7420279'		0.93	3.33	3.33	0.552	0.53	3.33	1.85 No	0.53 Element Fault
SLP075	367	'7425639_/_7425636'		2.6	10	10	1.664	1.6	10	5.54 No	1.6 Element Fault
SLP075	368	'5919103_/_5919101'		1.13	3.33	3.33	0.552	0.5	3.33	1.85 No	0.5 Element Fault
SLP075	369	'5948212_/_5948210'		1.67	6.67	6.67	1.112	1.67	6.67	3.7 No	1.112 Thermal Discharging
SLP075	370	'43807408_/_5919328'		1.17	3.33	3.33	0.552	0.15	3.33	1.85 No	0.15 Element Fault
SLP075	371	'5918984_/_5918981'		1.17	3.33	3.33	0.552	0.2	3.33	1.85 No	0.2 Element Fault
SLP075	372	'7736549_/_7736547'		1.67	6.67	6.67	1.112	1.07	6.67	3.7 No	1.07 Element Fault
SLP075	373	'5918819_/_43806914'		1.17	3.33	3.33	0.552	0.5	3.33	1.85 No	0.5 Element Fault
SLP075	374	'5919537_/_5919534'		1.13	3.33	3.33	0.552	0.2	3.33	1.85 No	0.2 Element Fault
SLP075	375	'43811963_/_5922258'		1.13	3.33	3.33	0.552	0.2	3.33	1.85 No	0.2 Element Fault
SLP075	376	'5919175_/_5919185'		1.1	3.33	3.33	0.552	0.5	3.33	1.85 No	0.5 Element Fault
SLP075	377	'43806890_/_5918829'		1.13	3.33	3.33	0.552	0.5	3.33	1.85 No	0.5 Element Fault
SLP075	378	'5919343_/_43807410'		1.13	3.33	3.33	0.552	0.15	3.33	1.85 No	0.15 Element Fault
SLP075	379	'5918997_/_5918994'		1.1	3.33	3.33	0.552	0.2	3.33	1.85 No	0.2 Element Fault
SLP075	380	'5918926_/_43806982'		1.07	3.33	3.33	0.552	0.5	3.33	1.85 No	0.5 Element Fault
SLP075	381	'5919174_/_5919172'		1.03	3.33	3.33	0.552	0.5	3.33	1.85 No	0.5 Element Fault
SLP075	382	'43807024_/_5919114'		1.03	3.33	3.33	0.552	0.5	3.33	1.85 No	0.5 Element Fault
SLP075	383	'5918805_/_43806892'		1.07	3.33	3.33	0.552	0.5	3.33	1.85 No	0.5 Element Fault
SLP075	384	'5919550_/_5919547'		1.07	3.33	3.33	0.552	0.2	3.33	1.85 No	0.2 Element Fault
SLP075	385	'5919010_/_5919007'		1.07	3.33	3.33	0.552	0.2	3.33	1.85 No	0.2 Element Fault
SLP075	386	'5919344_/_5919341'		1.03	3.33	3.33	0.552	0.15	3.33	1.85 No	0.15 Element Fault
SLP075	387	'5918942_/_5922245'		1.03	3.33	3.33	0.552	0.2	3.33	1.85 No	0.2 Element Fault
SLP075	388	'43806879_/_5918803'		1	3.33	3.33	0.552	0.5	3.33	1.85 No	0.5 Element Fault
SLP075	389	'43811117_/_5919717'		1	3.33	3.33	0.552	0.2	3.33	1.85 No	0.2 Element Fault
SLP075	390	'5919023_/_5919020'		0.97	3.33	3.33	0.552	0.2	3.33	1.85 No	0.2 Element Fault

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SLP075	391	'43807002_/_43807004'	0.97	3.33	3.33	0.552	0.2	3.33	1.85 No	0.2	Element Fault
SLP075	392	'5919132_/_5919130'	0.93	3.33	3.33	0.552	0.5	3.33	1.85 No	0.5	Element Fault
SLP075	393	'8685549_/_8685546'	2.1	8.9	10	1.664	1.6	10	5.54 No	1.6	Element Fault
SLP075	394	'5918806_/_43806881'	0.93	3.33	3.33	0.552	0.5	3.33	1.85 No	0.5	Element Fault
SLP075	395	'5919146_/_5919143'	0.9	3.33	3.33	0.552	0.5	3.33	1.85 No	0.5	Element Fault
SLP075	396	'43810921_/_5919508'	0.93	3.33	3.33	0.552	0.2	3.33	1.85 No	0.2	Element Fault
SLP075	397	'5919720_/_43811119'	0.93	3.27	3.33	0.552	0.2	3.33	1.85 No	0.2	Element Fault
SLP075	398	'5918941_/_5918939'	0.93	3.33	3.33	0.552	0.2	3.33	1.85 No	0.2	Element Fault
SLP075	399	'7735977_/_9003627'	2	8.5	10	1.664	1.6	10	5.54 No	1.6	Element Fault
SLP075	400	'43811128_/_5919772'	0.9	3.13	3.33	0.552	0.2	3.33	1.85 No	0.2	Element Fault
SLP075	401	'5919159_/_5919156'	0.87	3.17	3.33	0.552	0.5	3.33	1.85 No	0.5	Element Fault
SLP075	402	'5919511_/_43810923'	0.87	3.33	3.33	0.552	0.2	3.33	1.85 No	0.2	Element Fault
SLP075	403	'43810638_/_5919482'	0.83	3.07	3.33	0.552	0.5	3.33	1.85 No	0.5	Element Fault
SLP075	404	'5919035_/_5919495'	0.83	2.93	3.33	0.552	0.5	3.33	1.85 No	0.5	Element Fault
SLP075	405	'5919733_/_5919730'	0.8	2.7	3.33	0.552	0.2	3.33	1.85 No	0.2	Element Fault
SLP075	406	'5919036_/_5919033'	0.77	2.77	3.33	0.552	0.5	3.33	1.85 No	0.5	Element Fault
SLP075	407	'9001894_/_9001907'	0.77	2.73	3.33	0.552	0.5	3.33	1.85 No	0.5	Element Fault
SLP075	408	'8375642_/_8375640'	0.63	2.67	3.33	0.552	0.53	3.33	1.85 No	0.53	Element Fault
SLP075	409	'9001893_/_9001891'	0.73	2.63	3.33	0.552	0.1	3.33	1.85 No	0.1	Element Fault
SLP075	410	'5919049_/_5919046'	0.73	2.6	3.33	0.552	0.5	3.33	1.85 No	0.5	Element Fault
SLP075	411	'43811139_/_5919746'	0.7	2.4	3.33	0.552	0.2	3.33	1.85 No	0.2	Element Fault
SLP075	412	'5919064_/_5919075'	0.7	2.5	3.33	0.552	0.5	3.33	1.85 No	0.5	Element Fault
SLP075	413	'7424205_/_8683728'	0.7	2.5	3.33	0.552	0.5	3.33	1.85 No	0.5	Element Fault
SLP075	414	'8685187_/_8685184'	0.6	2.43	3.33	0.552	0.53	3.33	1.85 No	0.53	Element Fault
SLP075	415	'7424204_/_7424202'	0.67	2.37	3.33	0.552	0.2	3.33	1.85 No	0.2	Element Fault
SLP075	416	'5919575_/_43811141'	0.67	2.27	3.33	0.552	0.2	3.33	1.85 No	0.2	Element Fault
SLP075	417	'5919065_/_5919062'	0.67	2.3	3.33	0.552	0.5	3.33	1.85 No	0.5	Element Fault
SLP075	418	'8060453_/_9003171'	0.57	2.3	3.33	0.552	0.53	3.33	1.85 No	0.53	Element Fault
SLP075	419	'43807013_/_5919088'	0.63	2.2	3.33	0.552	0.5	3.33	1.85 No	0.5	Element Fault
SLP075	420	'5919576_/_5919573'	0.6	2	3.33	0.552	0.2	3.33	1.85 No	0.2	Element Fault
SLP075	421	'5919091_/_43807015'	0.6	2.1	3.33	0.552	0.5	3.33	1.85 No	0.5	Element Fault
SLP075	422	'43807474_/_5919586'	0.57	1.87	3.33	0.552	0.2	3.33	1.85 No	0.2	Element Fault
SLP075	423	'5919589_/_43807476'	0.53	1.77	3.33	0.552	0.2	3.33	1.85 No	0.2	Element Fault
SLP076	0	'SLP076_/_7736897'	10	10	10	1.856	10	10	4.73 No	1.856	Thermal Discharging
SLP076	1	'7736900_/_7736897'	10	10	10	1.856	10	10	4.73 No	1.856	Thermal Discharging
SLP076	2	'7802365_/_9068047'	10	10	10	1.856	10	10	4.73 No	1.856	Thermal Discharging
SLP076	3	'7802366_/_7802363'	10	10	10	1.856	10	10	4.73 No	1.856	Thermal Discharging
SLP076	4	'8060918_/_8685938'	10	10	10	1.856	10	10	4.73 No	1.856	Thermal Discharging
SLP076	5	'7513924_/_8060915'	10	10	10	1.856	10	10	4.73 No	1.856	Thermal Discharging
SLP076	6	'407313943_/_407313953'	10	10	10	1.856	10	10	4.73 No	1.856	Thermal Discharging
SLP076	7	'476663268_/_407313977_1'	10	10	10	1.856	10	10	4.73 No	1.856	Thermal Discharging
SLP076	8	'5916469_/_407313977_2'	10	10	10	1.856	10	10	4.73 No	1.856	Thermal Discharging
SLP076	9	'406030807_/_406030604'	10	10	10	1.856	10	10	4.73 No	1.856	Thermal Discharging
SLP076	10	'5916468_/_5916466'	10	10	10	1.856	10	10	4.73 No	1.856	Thermal Discharging
SLP076	11	'5958349_/_5958363'	10	10	10	1.856	10	10	4.73 No	1.856	Thermal Discharging
SLP076	12	'5958332_/_5958346'	10	10	10	1.856	10	10	4.73 No	1.856	Thermal Discharging
SLP076	13	'5958331_/_5958329'	10	10	10	1.856	10	10	4.73 No	1.856	Thermal Discharging
SLP076	14	'5958467_/_5958482'	10	10	10	1.856	10	10	4.73 No	1.856	Thermal Discharging
SLP076	15	'5958281_/_5958465'	10	10	10	1.856	10	10	4.73 No	1.856	Thermal Discharging
SLP076	16	'5958264_/_5958278'	10	10	10	1.856	10	10	4.73 No	1.856	Thermal Discharging
SLP076	17	'5958263_/_5958261'	10	10	10	1.856	10	10	4.73 No	1.856	Thermal Discharging
SLP076	18	'5958434_/_5958448'	10	10	10	1.856	10	10	4.73 No	1.856	Thermal Discharging
SLP076	19	'5958433_/_5958431'	10	10	10	1.856	10	10	4.73 No	1.856	Thermal Discharging
SLP076	20	'4887737_/_7087112'	10	10	10	1.856	10	10	4.73 No	1.856	Thermal Discharging
SLP076	21	'4887736_/_4887734'	10	10	10	1.856	10	10	4.73 No	1.856	Thermal Discharging
SLP076	22	'4887771_/_43598996'	10	10	10	1.856	10	10	4.73 No	1.856	Thermal Discharging
SLP076	23	'4887681_/_4887768'	10	10	10	1.856	10	10	4.73 No	1.856	Thermal Discharging
SLP076	24	'4887668_/_4887666_1'	3.33	3.33	3.33	0.616	0.5	3.33	1.58 No	0.5	Element Fault
SLP076	25	'4879436_/_4887751'	10	10	10	1.856	10	10	4.73 No	1.856	Thermal Discharging
SLP076	26	'4879419_/_4879433'	10	10	10	1.856	10	10	4.73 No	1.856	Thermal Discharging
SLP076	27	'4879402_/_4879416'	10	10	10	1.856	10	10	4.73 No	1.856	Thermal Discharging
SLP076	28	'7671613_/_7671611_1'	6.67	6.67	6.67	1.232	1	6.67	3.16 No	1	Element Fault
SLP076	29	'7991137_/_9561018_1'	10	10	10	1.856	1.6	10	4.73 No	1.6	Element Fault
SLP076	30	'4887669_/_4887666_2'	3.33	3.33	3.33	0.616	0.5	3.33	1.58 No	0.5	Element Fault
SLP076	31	'471246076_/_9561018_2'	10	10	10	1.856	1.6	10	4.73 No	1.6	Element Fault
SLP076	32	'239345553_/_240584203'	10	10	10	1.856	10	10	4.73 No	1.856	Thermal Discharging
SLP076	33	'406042528_/_406042471_1'	10	10	10	1.856	1.5	10	4.73 No	1.5	Element Fault
SLP076	34	'4879384_/_239345562'	10	10	10	1.856	10	10	4.73 No	1.856	Thermal Discharging
SLP076	35	'37860582_/_471246100'	10	10	10	1.856	1.6	10	4.73 No	1.6	Element Fault
SLP076	36	'37860561_/_37860586'	10	10	10	1.856	1.6	10	4.73 No	1.6	Element Fault
SLP076	37	'37860554_/_37860558'	10	10	10	1.856	1.6	10	4.73 No	1.6	Element Fault
SLP076	38	'402996052_/_402996041'	10	10	10	1.856	1.6	10	4.73 No	1.6	Element Fault
SLP076	39	'37860568_/_37860565'	10	10	10	1.856	1.6	10	4.73 No	1.6	Element Fault
SLP076	40	'43599007_/_4887708'	3.33	3.33	3.33	0.616	0.5	3.33	1.58 No	0.5	Element Fault
SLP076	41	'4879543_/_4879541'	10	10	10	1.856	10	10	4.73 No	1.856	Thermal Discharging
SLP076	42	'4879560_/_4879558'	10	10	10	1.856	10	10	4.73 No	1.856	Thermal Discharging
SLP076	43	'7671614_/_7671611_2'	6.67	6.67	6.67	1.232	1	6.67	3.16 No	1	Element Fault
SLP076	44	'570655387_/_570655391'	10	10	10	1.856	10	10	4.73 No	1.856	Thermal Discharging
SLP076	45	'4888809_/_4888918'	10	10	10	1.856	10	10	4.73 No	1.856	Thermal Discharging
SLP076	46	'7354920_/_7828160'	10	10	10	1.856	5.3	10	4.73 No	1.856	Thermal Discharging
SLP076	47	'4888870_/_4888867_1'	10	10	10	1.856	1.6	10	4.73 No	1.6	Element Fault
SLP076	48	'4879469_/_4888807'	10	10	10	1.856	10	10	4.73 No	1.856	Thermal Discharging
SLP076	49	'4888830_/_4888867_2'	10	10	10	1.856	1.6	10	4.73 No	1.6	Element Fault
SLP076	50	'451372913_/_451372856_1'	10	10	10	1.856	1.5	10	4.73 No	1.5	Element Fault
SLP076	51	'43594423_/_43594425'	10	10	10	1.856	10	10	4.73 No	1.856	Thermal Discharging
SLP076	52	'406042452_/_406042471_2'	10	10	10	1.856	1.5	10	4.73 No	1.5	Element Fault
SLP076	53	'4887698_/_4887695'	3.33	3.33	3.33	0.616	0.5	3.33	1.58 No	0.5	Element Fault
SLP076	54	'9561081_/_9561078'	10	10	10	1.856	1.6	10	4.73 No	1.6	Element Fault
SLP076	55	'8306018_/_54826086'	10	10	10	1.856	1.6	10	4.73 No	1.6	Element Fault
SLP076	56	'4887724_/_4887721'	3.33	3.33	3.33	0.616	0.5	3.33	1.58 No	0.5	Element Fault
SLP076	57	'357372873_/_357372877'	10	10	10	1.856	5.3	10	4.73 No	1.856	Thermal Discharging
SLP076	58	'360455185_/_357372982_1'	10	10	10	1.856	1	10	4.73 No	1	Element Fault
SLP076	59	'451372837_/_451372856_2'	10	10	10	1.856	1.5	10	4.73 No	1.5	Element Fault
SLP076	60	'4891042_/_4891079'	3.33	3.33	3.33	0.616	0.5	3.33	1.58 No	0.5	Element Fault

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SLP076	61	'4888829_/_4888827'		10	10	10	1.856	1.6	10	4.73 No	1.6 Element Fault
SLP076	62	'4891030_/_4891040'		3.33	3.33	3.33	0.616	0.5	3.33	1.58 No	0.5 Element Fault
SLP076	63	'4891069_/_4891066'		3.33	3.33	3.33	0.616	0.5	3.33	1.58 No	0.5 Element Fault
SLP076	64	'483323135_/_472606240'		10	10	10	1.856	1.5	10	4.73 No	1.5 Element Fault
SLP076	65	'43598983_/_4891092'		3.33	3.33	3.33	0.616	0.5	3.33	1.58 No	0.5 Element Fault
SLP076	66	'43594410_/_43594412'		10	10	10	1.856	10	10	4.73 No	1.856 Thermal Discharging
SLP076	67	'4891017_/_4891027'		3.33	3.33	3.33	0.616	0.5	3.33	1.58 No	0.5 Element Fault
SLP076	68	'484392967_/_483323155'		10	10	10	1.856	1.5	10	4.73 No	1.5 Element Fault
SLP076	69	'4878795_/_4879084'		10	10	10	1.856	10	10	4.73 No	1.856 Thermal Discharging
SLP076	70	'485547361_/_483323213'		6.67	6.67	6.67	1.232	1	6.67	3.16 No	1 Element Fault
SLP076	71	'4888850_/_4888847'		10	10	10	1.856	1.6	10	4.73 No	1.6 Element Fault
SLP076	72	'633879846_/_7354898_1'		10	10	10	1.856	1	10	4.73 No	1 Element Fault
SLP076	73	'612758251_/_4878763_1'		3.33	3.33	3.33	0.616	0.5	3.33	1.58 No	0.5 Element Fault
SLP076	74	'7354901_/_7354898_2'		10	10	10	1.856	1	10	4.73 No	1 Element Fault
SLP076	75	'4879155_/_4879152'		10	10	10	1.856	10	10	4.73 No	1.856 Thermal Discharging
SLP076	76	'4878859_/_4878857'		10	10	10	1.856	10	10	4.73 No	1.856 Thermal Discharging
SLP076	77	'500356379_/_500356357_2'		10	10	10	1.856	4.3	10	4.73 No	1.856 Thermal Discharging
SLP076	78	'612758185_/_4879206_2'		10	10	10	1.856	6	10	4.73 No	1.856 Thermal Discharging
SLP076	79	'4878880_/_4878877'		10	10	10	1.856	10	10	4.73 No	1.856 Thermal Discharging
SLP076	80	'4878897_/_4878894'		10	10	10	1.856	10	10	4.73 No	1.856 Thermal Discharging
SLP076	81	'8306777_/_8306774'		10	10	10	1.856	1	10	4.73 No	1 Element Fault
SLP076	82	'7354211_/_7354208_2'		10	10	10	1.856	4.3	10	4.73 No	1.856 Thermal Discharging
SLP076	83	'4891004_/_4891014'		3.33	3.33	3.33	0.616	0.5	3.33	1.58 No	0.5 Element Fault
SLP076	84	'4878914_/_4878911'		10	10	10	1.856	10	10	4.73 No	1.856 Thermal Discharging
SLP076	85	'4878998_/_4879030'		10	10	10	1.856	10	10	4.73 No	1.856 Thermal Discharging
SLP076	86	'632846191_/_632846213'		10	10	10	1.856	1	10	4.73 No	1 Element Fault
SLP076	87	'4879208_/_4879206_1'		10	10	10	1.856	1.5	10	4.73 No	1.5 Element Fault
SLP076	88	'8305982_/_8305980_1'		3.33	3.33	3.33	0.616	0.5	3.33	1.58 No	0.5 Element Fault
SLP076	89	'4878999_/_4878996'		10	10	10	1.856	10	10	4.73 No	1.856 Thermal Discharging
SLP076	90	'8306796_/_8615580'		10	10	10	1.856	1	10	4.73 No	1 Element Fault
SLP076	91	'4879015_/_4879013'		10	10	10	1.856	10	10	4.73 No	1.856 Thermal Discharging
SLP076	92	'43594436_/_4878763_2'		3.33	3.33	3.33	0.616	0.5	3.33	1.58 No	0.5 Element Fault
SLP076	93	'4879137_/_4879135'		10	10	10	1.856	10	10	4.73 No	1.856 Thermal Discharging
SLP076	94	'357372919_/_8306794'		10	10	10	1.856	1	10	4.73 No	1 Element Fault
SLP076	95	'43591347_/_4883442'		10	10	10	1.856	10	10	4.73 No	1.856 Thermal Discharging
SLP076	96	'357372963_/_357373008'		10	10	10	1.856	1	10	4.73 No	1 Element Fault
SLP076	97	'397785641_/_397785638'		10	10	10	1.856	10	10	4.73 No	1.856 Thermal Discharging
SLP076	98	'43599284_/_43599286'		10	10	10	1.856	1.6	10	4.73 No	1.6 Element Fault
SLP076	99	'247706303_/_8615560_1'		10	10	10	1.856	0.9	10	4.73 No	0.9 Element Fault
SLP076	100	'4878930_/_4883459'		10	10	10	1.856	10	10	4.73 No	1.856 Thermal Discharging
SLP076	101	'652704355_/_8615560_2'		10	10	10	1.856	0.9	10	4.73 No	0.9 Element Fault
SLP076	102	'4878931_/_4878928'		10	10	10	1.856	10	10	4.73 No	1.856 Thermal Discharging
SLP076	103	'8305998_/_8305996_1'		10	10	10	1.856	1.5	10	4.73 No	1.5 Element Fault
SLP076	104	'4878948_/_4878945'		10	10	10	1.856	10	10	4.73 No	1.856 Thermal Discharging
SLP076	105	'4878630_/_4891001'		3.33	3.33	3.33	0.616	0.5	3.33	1.58 No	0.5 Element Fault
SLP076	106	'4891599_/_4891596'		10	10	10	1.856	10	10	4.73 No	1.856 Thermal Discharging
SLP076	107	'49933791_/_9561826_1'		10	10	10	1.856	1.5	10	4.73 No	1.5 Element Fault
SLP076	108	'8305983_/_8305980_2'		3.33	3.33	3.33	0.616	0.5	3.33	1.58 No	0.5 Element Fault
SLP076	109	'8288894_/_9561826_2'		10	10	10	1.856	1.5	10	4.73 No	1.5 Element Fault
SLP076	110	'4879191_/_4891613'		10	10	10	1.856	10	10	4.73 No	1.856 Thermal Discharging
SLP076	111	'4878843_/_4879189'		10	10	10	1.856	10	10	4.73 No	1.856 Thermal Discharging
SLP076	112	'4878964_/_4879172'		10	10	10	1.856	10	10	4.73 No	1.856 Thermal Discharging
SLP076	113	'8288895_/_8288892'		10	10	10	1.856	1.5	10	4.73 No	1.5 Element Fault
SLP076	114	'4878830_/_4878828_1'		3.33	3.33	3.33	0.616	0.5	3.33	1.58 No	0.5 Element Fault
SLP076	115	'4878965_/_4878962'		10	10	10	1.856	10	10	4.73 No	1.856 Thermal Discharging
SLP076	116	'8614764_/_652704361'		7.8	10	10	1.856	0.9	10	4.73 No	0.9 Element Fault
SLP076	117	'472606096_/_483323180'		3.33	3.33	3.33	0.616	0.5	3.33	1.58 No	0.5 Element Fault
SLP076	118	'8305999_/_8305996_2'		10	10	10	1.856	1.5	10	4.73 No	1.5 Element Fault
SLP076	119	'4878982_/_4878979'		10	10	10	1.856	10	10	4.73 No	1.856 Thermal Discharging
SLP076	120	'4878643_/_4878627'		2.83	3.33	3.33	0.616	0.5	3.33	1.58 No	0.5 Element Fault
SLP076	121	'4879050_/_4879047'		10	10	10	1.856	10	10	4.73 No	1.856 Thermal Discharging
SLP076	122	'7991156_/_8614800'		3.33	3.33	3.33	0.616	0.5	3.33	1.58 No	0.5 Element Fault
SLP076	123	'4879070_/_4879067'		10	10	10	1.856	10	10	4.73 No	1.856 Thermal Discharging
SLP076	124	'4879791_/_4879805_2'		3.33	3.33	3.33	0.616	1.1	3.33	1.58 No	0.616 Thermal Discharging
SLP076	125	'4878564_/_4878828_2'		3.33	3.33	3.33	0.616	0.5	3.33	1.58 No	0.5 Element Fault
SLP076	126	'658890320_/_8614762'		6.9	10	10	1.856	0.9	10	4.73 No	0.9 Element Fault
SLP076	127	'658890354_/_658890400'		6.9	10	10	1.856	0.9	10	4.73 No	0.9 Element Fault
SLP076	128	'6047005_/_7086681_1'		10	10	10	1.856	10	10	4.73 No	1.856 Thermal Discharging
SLP076	129	'43835295_/_7086681_2'		10	10	10	1.856	10	10	4.73 No	1.856 Thermal Discharging
SLP076	130	'4879749_/_4879760_2'		3.33	3.33	3.33	0.616	1.1	3.33	1.58 No	0.616 Thermal Discharging
SLP076	131	'6047006_/_43835297'		10	10	10	1.856	10	10	4.73 No	1.856 Thermal Discharging
SLP076	132	'4879807_/_4879805_1'		3.33	3.33	3.33	0.616	0.5	3.33	1.58 No	0.5 Element Fault
SLP076	133	'8306119_/_500356357_1'		10	10	10	1.856	1.5	10	4.73 No	1.5 Element Fault
SLP076	134	'4879762_/_4879760_1'		3.33	3.33	3.33	0.616	0.5	3.33	1.58 No	0.5 Element Fault
SLP076	135	'6046505_/_6047020'		10	10	10	1.856	10	10	4.73 No	1.856 Thermal Discharging
SLP076	136	'55691311_/_6046503'		10	10	10	1.856	10	10	4.73 No	1.856 Thermal Discharging
SLP076	137	'6045427_/_6045646'		10	10	10	1.856	10	10	4.73 No	1.856 Thermal Discharging
SLP076	138	'4878740_/_4878750'		3.33	3.33	3.33	0.616	0.5	3.33	1.58 No	0.5 Element Fault
SLP076	139	'103437509_/_103437243_1'		10	10	10	1.856	10	10	4.73 No	1.856 Thermal Discharging
SLP076	140	'4878642_/_4878640'		2.27	3.33	3.33	0.616	0.5	3.33	1.58 No	0.5 Element Fault
SLP076	141	'55691423_/_55691309_1'		10	10	10	1.856	2.4	10	4.73 No	1.856 Thermal Discharging
SLP076	142	'54551726_/_57664301'		5.9	10	10	1.856	0.9	10	4.73 No	0.9 Element Fault
SLP076	143	'7354210_/_7354208_1'		10	10	10	1.856	1.5	10	4.73 No	1.5 Element Fault
SLP076	144	'4878656_/_4878653'		2.2	3.33	3.33	0.616	0.5	3.33	1.58 No	0.5 Element Fault
SLP076	145	'7991157_/_7991154'		3.33	3.33	3.33	0.616	0.5	3.33	1.58 No	0.5 Element Fault
SLP076	146	'4878512_/_4878562'		3.33	3.33	3.33	0.616	0.5	3.33	1.58 No	0.5 Element Fault
SLP076	147	'43594286_/_4879818'		3.33	3.33	3.33	0.616	0.5	3.33	1.58 No	0.5 Element Fault
SLP076	148	'54551756_/_54551758'		5.5	10	10	1.856	0.9	10	4.73 No	0.9 Element Fault
SLP076	149	'51059820_/_4879575'		2	3.33	3.33	0.616	0.5	3.33	1.58 No	0.5 Element Fault
SLP076	150	'9250186_/_330049669'		10	10	10	1.856	1.5	10	4.73 No	1.5 Element Fault
SLP076	151	'55691335_/_55691309_2'		10	10	10	1.856	2.4	10	4.73 No	1.856 Thermal Discharging
SLP076	152	'39347133_/_103437243_2'		10	10	10	1.856	10	10	4.73 No	1.856 Thermal Discharging
SLP076	153	'7354291_/_532645413'		10	10	10	1.856	1.5	10	4.73 No	1.5 Element Fault
SLP076	154	'44961418_/_4878588'		3.33	3.33	3.33	0.616	0.5	3.33	1.58 No	0.5 Element Fault

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SLP076	155	'43594297_/_43594299'		3.33	3.33	3.33	0.616	0.5	3.33	1.58 No	0.5 Element Fault
SLP076	156	'4878513_/_4878510'		3.33	3.33	3.33	0.616	0.5	3.33	1.58 No	0.5 Element Fault
SLP076	157	'4878552_/_4878549'		3.33	3.33	3.33	0.616	0.5	3.33	1.58 No	0.5 Element Fault
SLP076	158	'643067620_/_532645441'		8.3	10	10	1.856	1.5	10	4.73 No	1.5 Element Fault
SLP076	159	'6029275_/_55691332'		10	10	10	1.856	2.4	10	4.73 No	1.856 Thermal Discharging
SLP076	160	'4879578_/_510599824'		1.73	3.33	3.33	0.616	0.5	3.33	1.58 No	0.5 Element Fault
SLP076	161	'39687632_/_39687637'		10	10	10	1.856	10	10	4.73 No	1.856 Thermal Discharging
SLP076	162	'4878724_/_4878737'		3.33	3.33	3.33	0.616	0.5	3.33	1.58 No	0.5 Element Fault
SLP076	163	'7991173_/_7991170'		3.13	3.33	3.33	0.616	0.5	3.33	1.58 No	0.5 Element Fault
SLP076	164	'4879643_/_4879653'		1.67	3.33	3.33	0.616	0.5	3.33	1.58 No	0.5 Element Fault
SLP076	165	'4878526_/_4878523'		3.33	3.33	3.33	0.616	0.5	3.33	1.58 No	0.5 Element Fault
SLP076	166	'4878603_/_4879776'		3.33	3.33	3.33	0.616	0.5	3.33	1.58 No	0.5 Element Fault
SLP076	167	'346159492_/_330049702_1'		5.6	10	10	1.856	1.5	10	4.73 No	1.5 Element Fault
SLP076	168	'4879669_/_4879666'		1.53	3.33	3.33	0.616	0.5	3.33	1.58 No	0.5 Element Fault
SLP076	169	'476663368_/_9721550_1'		10	10	10	1.856	10	10	4.73 No	1.856 Thermal Discharging
SLP076	170	'6045504_/_9721550_2'		10	10	10	1.856	10	10	4.73 No	1.856 Thermal Discharging
SLP076	171	'43838787_/_6045501'		10	10	10	1.856	10	10	4.73 No	1.856 Thermal Discharging
SLP076	172	'6045521_/_6045518'		10	10	10	1.856	10	10	4.73 No	1.856 Thermal Discharging
SLP076	173	'6045470_/_6045484'		10	10	10	1.856	10	10	4.73 No	1.856 Thermal Discharging
SLP076	174	'43834247_/_6045535'		10	10	10	1.856	10	10	4.73 No	1.856 Thermal Discharging
SLP076	175	'6045469_/_6045467_2'		10	10	10	1.856	10	10	4.73 No	1.856 Thermal Discharging
SLP076	176	'43834261_/_6045467_1'		10	10	10	1.856	1.8	10	4.73 No	1.8 Element Fault
SLP076	177	'43834234_/_43834249'		10	10	10	1.856	10	10	4.73 No	1.856 Thermal Discharging
SLP076	178	'43594374_/_43594376'		1.47	3.33	3.33	0.616	0.5	3.33	1.58 No	0.5 Element Fault
SLP076	179	'43591140_/_43591142'		10	10	10	1.856	1.8	10	4.73 No	1.8 Element Fault
SLP076	180	'4879591_/_4879588'		1.47	3.33	3.33	0.616	0.5	3.33	1.58 No	0.5 Element Fault
SLP076	181	'6045572_/_43834236'		10	10	10	1.856	10	10	4.73 No	1.856 Thermal Discharging
SLP076	182	'43591153_/_43591155'		10	10	10	1.856	1.8	10	4.73 No	1.8 Element Fault
SLP076	183	'8306099_/_532645465'		5.7	10	10	1.856	1.5	10	4.73 No	1.5 Element Fault
SLP076	184	'43834221_/_6046284'		10	10	10	1.856	10	10	4.73 No	1.856 Thermal Discharging
SLP076	185	'6029276_/_6029273'		10	10	10	1.856	2.4	10	4.73 No	1.856 Thermal Discharging
SLP076	186	'6046304_/_43834223'		10	10	10	1.856	10	10	4.73 No	1.856 Thermal Discharging
SLP076	187	'4878604_/_4878601'		3.33	3.33	3.33	0.616	0.5	3.33	1.58 No	0.5 Element Fault
SLP076	188	'43598013_/_4860667'		10	10	10	1.856	1.8	10	4.73 No	1.8 Element Fault
SLP076	189	'4860615_/_43598015'		10	10	10	1.856	1.8	10	4.73 No	1.8 Element Fault
SLP076	190	'6045588_/_6046321'		10	10	10	1.856	10	10	4.73 No	1.856 Thermal Discharging
SLP076	191	'43594308_/_4878536'		2.57	3.33	3.33	0.616	0.5	3.33	1.58 No	0.5 Element Fault
SLP076	192	'4879682_/_4879679'		1.4	3.33	3.33	0.616	0.5	3.33	1.58 No	0.5 Element Fault
SLP076	193	'7991116_/_7991114_1'		10	10	10	1.856	0.9	10	4.73 No	0.9 Element Fault
SLP076	194	'6046253_/_6046267'		10	10	10	1.856	10	10	4.73 No	1.856 Thermal Discharging
SLP076	195	'4860616_/_4860613'		10	10	10	1.856	1.8	10	4.73 No	1.8 Element Fault
SLP076	196	'6045284_/_6045586'		10	10	10	1.856	10	10	4.73 No	1.856 Thermal Discharging
SLP076	197	'7991096_/_7991094_1'		10	10	10	1.856	1.1	10	4.73 No	1.1 Element Fault
SLP076	198	'6029447_/_6029444'		10	10	10	1.856	2.4	10	4.73 No	1.856 Thermal Discharging
SLP076	199	'6046236_/_6046250'		10	10	10	1.856	10	10	4.73 No	1.856 Thermal Discharging
SLP076	200	'4860633_/_4860630'		10	10	10	1.856	1.8	10	4.73 No	1.8 Element Fault
SLP076	201	'6045609_/_6045606'		10	10	10	1.856	10	10	4.73 No	1.856 Thermal Discharging
SLP076	202	'6044694_/_6044692_1'		3.33	3.33	3.33	0.616	0.9	3.33	1.58 No	0.616 Thermal Discharging
SLP076	203	'6045974_/_6046233'		10	10	10	1.856	10	10	4.73 No	1.856 Thermal Discharging
SLP076	204	'4860516_/_4860707'		10	10	10	1.856	1.8	10	4.73 No	1.8 Element Fault
SLP076	205	'4878723_/_4878721'		2.13	3.33	3.33	0.616	0.5	3.33	1.58 No	0.5 Element Fault
SLP076	206	'6045975_/_6045972_1'		3.33	3.33	3.33	0.616	0.5	3.33	1.58 No	0.5 Element Fault
SLP076	207	'6045629_/_6045626'		10	10	10	1.856	10	10	4.73 No	1.856 Thermal Discharging
SLP076	208	'6046218_/_6046216'		10	10	10	1.856	10	10	4.73 No	1.856 Thermal Discharging
SLP076	209	'410162748_/_410162752'		6.67	6.67	6.67	1.232	1	6.67	3.16 No	1 Element Fault
SLP076	210	'9250226_/_532645485'		5.7	10	10	1.856	1.5	10	4.73 No	1.5 Element Fault
SLP076	211	'494648116_/_4860555_1'		3.33	3.33	3.33	0.616	0.6	3.33	1.58 No	0.6 Element Fault
SLP076	212	'4860727_/_4860724'		10	10	10	1.856	1.8	10	4.73 No	1.8 Element Fault
SLP076	213	'362543926_/_362543904_1'		10	10	10	1.856	1.5	10	4.73 No	1.5 Element Fault
SLP076	214	'4878695_/_4878708'		1.33	3.33	3.33	0.616	0.5	3.33	1.58 No	0.5 Element Fault
SLP076	215	'6046446_/_6046460'		10	10	10	1.856	10	10	4.73 No	1.856 Thermal Discharging
SLP076	216	'6046793_/_6046806'		10	10	10	1.856	10	10	4.73 No	1.856 Thermal Discharging
SLP076	217	'7671556_/_7991094_2'		10	10	10	1.856	1.1	10	4.73 No	1.1 Element Fault
SLP076	218	'554373882_/_4860555_2'		3.33	3.33	3.33	0.616	0.3	3.33	1.58 No	0.3 Element Fault
SLP076	219	'6045990_/_6045972_2'		3.33	3.33	3.33	0.616	0.5	3.33	1.58 No	0.5 Element Fault
SLP076	220	'4883411_/_4883408'		10	10	10	1.856	1.8	10	4.73 No	1.8 Element Fault
SLP076	221	'4889743_/_4889740'		1.33	3.33	3.33	0.616	0.5	3.33	1.58 No	0.5 Element Fault
SLP076	222	'6045671_/_6045669_1'		6.67	6.67	6.67	1.232	1	6.67	3.16 No	1 Element Fault
SLP076	223	'6045929_/_6046443'		10	10	10	1.856	10	10	4.73 No	1.856 Thermal Discharging
SLP076	224	'6046955_/_6046952'		10	10	10	1.856	10	10	4.73 No	1.856 Thermal Discharging
SLP076	225	'6046846_/_6046932'		10	10	10	1.856	10	10	4.73 No	1.856 Thermal Discharging
SLP076	226	'9321176_/_9321174_1'		10	10	10	1.856	1.6	10	4.73 No	1.6 Element Fault
SLP076	227	'6046185_/_6046199'		10	10	10	1.856	10	10	4.73 No	1.856 Thermal Discharging
SLP076	228	'4887808_/_4887805'		1.3	3.33	3.33	0.616	0.5	3.33	1.58 No	0.5 Element Fault
SLP076	229	'6046863_/_6046860'		6.67	6.67	6.67	1.232	6.67	6.67	3.16 No	1.232 Thermal Discharging
SLP076	230	'410162738_/_6046843'		10	10	10	1.856	10	10	4.73 No	1.856 Thermal Discharging
SLP076	231	'410162972_/_410162797_2'		10	10	10	1.856	5.3	10	4.73 No	1.856 Thermal Discharging
SLP076	232	'51313909_/_51313915'		10	10	10	1.856	1.1	10	4.73 No	1.1 Element Fault
SLP076	233	'43836646_/_43836648'		10	10	10	1.856	10	10	4.73 No	1.856 Thermal Discharging
SLP076	234	'51313876_/_51313940'		10	10	10	1.856	1.1	10	4.73 No	1.1 Element Fault
SLP076	235	'410162793_/_410162797_1'		10	10	10	1.856	1.5	10	4.73 No	1.5 Element Fault
SLP076	236	'6045962_/_6046044'		3.33	3.33	3.33	0.616	0.5	3.33	1.58 No	0.5 Element Fault
SLP076	237	'7991117_/_9560938'		10	10	10	1.856	1.1	10	4.73 No	1.1 Element Fault
SLP076	238	'4860558_/_4860555_3'		3.33	3.33	3.33	0.616	0.3	3.33	1.58 No	0.3 Element Fault
SLP076	239	'4887820_/_4889753'		1.27	3.33	3.33	0.616	0.5	3.33	1.58 No	0.5 Element Fault
SLP076	240	'45357208_/_4878614'		2.1	3.33	3.33	0.616	0.5	3.33	1.58 No	0.5 Element Fault
SLP076	241	'6045851_/_6046162'		10	10	10	1.856	10	10	4.73 No	1.856 Thermal Discharging
SLP076	242	'6045991_/_6045972_3'		3.33	3.33	3.33	0.616	0.5	3.33	1.58 No	0.5 Element Fault
SLP076	243	'4870062_/_4870076'		10	10	10	1.856	1.8	10	4.73 No	1.8 Element Fault
SLP076	244	'6046412_/_6046426'		10	10	10	1.856	10	10	4.73 No	1.856 Thermal Discharging
SLP076	245	'4860515_/_43591109'		3.33	3.33	3.33	0.616	0.6	3.33	1.58 No	0.6 Element Fault
SLP076	246	'6045672_/_6045669_2'		6.67	6.67	6.67	1.232	1	6.67	3.16 No	1 Element Fault
SLP076	247	'6045809_/_6046409'		10	10	10	1.856	10	10	4.73 No	1.856 Thermal Discharging
SLP076	248	'6045852_/_6045849'		10	10	10	1.856	3.3	10	4.73 No	1.856 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SLP076	249	'6045909_/_6045926_2'		10	10	10	1.856	4.8	10	4.73 No	1.856 Thermal Discharging
SLP076	250	'6046147_/_6046145'		10	10	10	1.856	10	10	4.73 No	1.856 Thermal Discharging
SLP076	251	'43836659_/_6045926_1'		10	10	10	1.856	2.5	10	4.73 No	1.856 Thermal Discharging
SLP076	252	'8688116_/_8688114_1'		10	10	10	1.856	1.7	10	4.73 No	1.7 Element Fault
SLP076	253	'6046378_/_6046392'		10	10	10	1.856	10	10	4.73 No	1.856 Thermal Discharging
SLP076	254	'387016748_/_387016793'		10	10	10	1.856	1.5	10	4.73 No	1.5 Element Fault
SLP076	255	'6045810_/_6045820_1'	3.33	3.33	3.33	3.33	0.616	0.5	3.33	1.58 No	0.5 Element Fault
SLP076	256	'6044682_/_6044692_2'	3.33	3.33	3.33	3.33	0.616	0.9	3.33	1.58 No	0.616 Thermal Discharging
SLP076	257	'43594363_/_43594365'	1.23	3.33	3.33	3.33	0.616	0.5	3.33	1.58 No	0.5 Element Fault
SLP076	258	'6046062_/_6046375'	10	10	10	10	1.856	10	10	4.73 No	1.856 Thermal Discharging
SLP076	259	'6045875_/_6045872'	10	10	10	10	1.856	3.3	10	4.73 No	1.856 Thermal Discharging
SLP076	260	'6046003_/_6046001_1'	10	10	10	10	1.856	1.8	10	4.73 No	1.8 Element Fault
SLP076	261	'43836633_/_43836635'	10	10	10	10	1.856	10	10	4.73 No	1.856 Thermal Discharging
SLP076	262	'6045949_/_6045959'	3.33	3.33	3.33	3.33	0.616	0.5	3.33	1.58 No	0.5 Element Fault
SLP076	263	'9321177_/_9321174_2'	10	10	10	10	1.856	1.6	10	4.73 No	1.6 Element Fault
SLP076	264	'6046344_/_6046358'	10	10	10	10	1.856	10	10	4.73 No	1.856 Thermal Discharging
SLP076	265	'43594341_/_4887818'	1.2	3.33	3.33	3.33	0.616	0.5	3.33	1.58 No	0.5 Element Fault
SLP076	266	'6045772_/_6046001_2'	10	10	10	10	1.856	1.8	10	4.73 No	1.8 Element Fault
SLP076	267	'6029469_/_6029484'	6.1	10	10	10	1.856	2.4	10	4.73 No	1.856 Thermal Discharging
SLP076	268	'6045708_/_6046341'	10	10	10	10	1.856	10	10	4.73 No	1.856 Thermal Discharging
SLP076	269	'9321217_/_362543904_2'	10	10	10	10	1.856	1.5	10	4.73 No	1.5 Element Fault
SLP076	270	'6046097_/_6046111'	10	10	10	10	1.856	10	10	4.73 No	1.856 Thermal Discharging
SLP076	271	'8992842_/_9321378_1'	6	10	10	10	1.856	1.5	10	4.73 No	1.5 Element Fault
SLP076	272	'6044496_/_6045889'	10	10	10	10	1.856	2.5	10	4.73 No	1.856 Thermal Discharging
SLP076	273	'4870045_/_4870059'	8.7	10	10	10	1.856	1.8	10	4.73 No	1.8 Element Fault
SLP076	274	'6045709_/_6045723_1'	10	10	10	10	1.856	1.6	10	4.73 No	1.6 Element Fault
SLP076	275	'6045773_/_6046001_3'	10	10	10	10	1.856	1.8	10	4.73 No	1.8 Element Fault
SLP076	276	'6046080_/_6046094'	10	10	10	10	1.856	10	10	4.73 No	1.856 Thermal Discharging
SLP076	277	'6044721_/_6044718'	3.33	3.33	3.33	3.33	0.616	0.9	3.33	1.58 No	0.616 Thermal Discharging
SLP076	278	'8688101_/_9321138_1'	3.33	3.33	3.33	3.33	0.616	0.5	3.33	1.58 No	0.5 Element Fault
SLP076	279	'43834285_/_6044770'	3.33	3.33	3.33	3.33	0.616	0.9	3.33	1.58 No	0.616 Thermal Discharging
SLP076	280	'6046079_/_6046077'	10	10	10	10	1.856	10	10	4.73 No	1.856 Thermal Discharging
SLP076	281	'8688117_/_8688114_2'	10	10	10	10	1.856	1.7	10	4.73 No	1.7 Element Fault
SLP076	282	'9631160_/_9631177'	10	10	10	10	1.856	1.6	10	4.73 No	1.6 Element Fault
SLP076	283	'6046678_/_6046692'	10	10	10	10	1.856	10	10	4.73 No	1.856 Thermal Discharging
SLP076	284	'43591166_/_4860568'	3.33	3.33	3.33	3.33	0.616	0.3	3.33	1.58 No	0.3 Element Fault
SLP076	285	'6044666_/_6044679'	3.33	3.33	3.33	3.33	0.616	0.9	3.33	1.58 No	0.616 Thermal Discharging
SLP076	286	'6045823_/_6045820_2'	3.33	3.33	3.33	3.33	0.616	0.5	3.33	1.58 No	0.5 Element Fault
SLP076	287	'7739366_/_9321214'	10	10	10	10	1.856	1.5	10	4.73 No	1.5 Element Fault
SLP076	288	'6046661_/_6046675'	10	10	10	10	1.856	10	10	4.73 No	1.856 Thermal Discharging
SLP076	289	'43834177_/_43834179'	3.33	3.33	3.33	3.33	0.616	0.5	3.33	1.58 No	0.5 Element Fault
SLP076	290	'8064217_/_9321154'	10	10	10	10	1.856	1.7	10	4.73 No	1.7 Element Fault
SLP076	291	'6044364_/_6045790'	10	10	10	10	1.856	1.8	10	4.73 No	1.8 Element Fault
SLP076	292	'485047763_/_9321378_2'	5.6	10	10	10	1.856	1.5	10	4.73 No	1.5 Element Fault
SLP076	293	'6046644_/_6046658'	10	10	10	10	1.856	10	10	4.73 No	1.856 Thermal Discharging
SLP076	294	'387016984_/_387016767_1'	9.1	10	10	10	1.856	1.5	10	4.73 No	1.5 Element Fault
SLP076	295	'6045726_/_6045723_2'	10	10	10	10	1.856	1.6	10	4.73 No	1.6 Element Fault
SLP076	296	'6046643_/_6046641_2'	10	10	10	10	1.856	10	10	4.73 No	1.856 Thermal Discharging
SLP076	297	'6046729_/_6046765_1'	3.33	3.33	3.33	3.33	0.616	0.5	3.33	1.58 No	0.5 Element Fault
SLP076	298	'43837636_/_6046641_1'	10	10	10	10	1.856	10	10	4.73 No	1.856 Thermal Discharging
SLP076	299	'9321141_/_9321138_2'	3.33	3.33	3.33	3.33	0.616	0.5	3.33	1.58 No	0.5 Element Fault
SLP076	300	'4878681_/_4878692'	1.13	3.33	3.33	3.33	0.616	0.5	3.33	1.58 No	0.5 Element Fault
SLP076	301	'6045759_/_6046031'	3.33	3.33	3.33	3.33	0.616	0.6	3.33	1.58 No	0.6 Element Fault
SLP076	302	'4860476_/_4870042'	6.9	10	10	10	1.856	1.8	10	4.73 No	1.8 Element Fault
SLP076	303	'6046741_/_6046765_2'	3.33	3.33	3.33	3.33	0.616	0.5	3.33	1.58 No	0.5 Element Fault
SLP076	304	'6044773_/_43834287'	2.67	3.33	3.33	3.33	0.616	0.9	3.33	1.58 No	0.616 Thermal Discharging
SLP076	305	'43834153_/_43834155'	7.1	10	10	10	1.856	2.5	10	4.73 No	1.856 Thermal Discharging
SLP076	306	'390926289_/_4860474_1'	2.33	3.33	3.33	3.33	0.616	0.3	3.33	1.58 No	0.3 Element Fault
SLP076	307	'7354290_/_643067692'	3.33	3.33	3.33	3.33	0.616	0.5	3.33	1.58 No	0.5 Element Fault
SLP076	308	'6046742_/_6046765_3'	3.33	3.33	3.33	3.33	0.616	0.5	3.33	1.58 No	0.5 Element Fault
SLP076	309	'6044734_/_6044731'	2.57	3.33	3.33	3.33	0.616	0.9	3.33	1.58 No	0.616 Thermal Discharging
SLP076	310	'43834188_/_6044605'	3.33	3.33	3.33	3.33	0.616	0.5	3.33	1.58 No	0.5 Element Fault
SLP076	311	'643067608_/_500356318'	3.33	3.33	3.33	3.33	0.616	0.5	3.33	1.58 No	0.5 Element Fault
SLP076	312	'8688068_/_8688066_1'	2.47	3.33	3.33	3.33	0.616	0.3	3.33	1.58 No	0.3 Element Fault
SLP076	313	'43594447_/_43594449'	1.53	3.33	3.33	3.33	0.616	0.5	3.33	1.58 No	0.5 Element Fault
SLP076	314	'43836963_/_6029293'	5	10	10	10	1.856	2.4	10	4.73 No	1.856 Thermal Discharging
SLP076	315	'43591083_/_4860474_2'	2.37	3.33	3.33	3.33	0.616	0.3	3.33	1.58 No	0.3 Element Fault
SLP076	316	'37945933_/_515020711'	7	10	10	10	1.856	1.6	10	4.73 No	1.6 Element Fault
SLP076	317	'37945905_/_37945909'	5.1	10	10	10	1.856	1.6	10	4.73 No	1.6 Element Fault
SLP076	318	'37945947_/_37945944'	5.1	10	10	10	1.856	1.6	10	4.73 No	1.6 Element Fault
SLP076	319	'43837625_/_43837627'	3.33	3.33	3.33	3.33	0.616	0.5	3.33	1.58 No	0.5 Element Fault
SLP076	320	'43833860_/_6044362'	9.2	10	10	10	1.856	1.8	10	4.73 No	1.8 Element Fault
SLP076	321	'4878682_/_4878679'	1.07	3.33	3.33	3.33	0.616	0.5	3.33	1.58 No	0.5 Element Fault
SLP076	322	'6044636_/_7086569'	3.33	3.33	3.33	3.33	0.616	0.3	3.33	1.58 No	0.3 Element Fault
SLP076	323	'55691443_/_6029467'	5	10	10	10	1.856	2.4	10	4.73 No	1.856 Thermal Discharging
SLP076	324	'43833847_/_6045740'	10	10	10	10	1.856	1.6	10	4.73 No	1.6 Element Fault
SLP076	325	'6044653_/_6044663'	2.23	3.33	3.33	3.33	0.616	0.9	3.33	1.58 No	0.616 Thermal Discharging
SLP076	326	'43834274_/_6044783'	2.23	3.33	3.33	3.33	0.616	0.9	3.33	1.58 No	0.616 Thermal Discharging
SLP076	327	'9321381_/_485047787'	4.9	10	10	10	1.856	1.5	10	4.73 No	1.5 Element Fault
SLP076	328	'6045839_/_6045836'	2.53	3.33	3.33	3.33	0.616	0.5	3.33	1.58 No	0.5 Element Fault
SLP076	329	'53289149_/_53289113_2'	3.27	6.67	6.67	1.232	1.6	6.67	3.16	3.16 No	1.232 Thermal Discharging
SLP076	330	'6044462_/_6044476'	6	10	10	10	1.856	2.5	10	4.73 No	1.856 Thermal Discharging
SLP076	331	'6046755_/_6046752'	3.33	3.33	3.33	3.33	0.616	0.5	3.33	1.58 No	0.5 Element Fault
SLP076	332	'4870011_/_4870025'	5.8	10	10	10	1.856	1.8	10	4.73 No	1.8 Element Fault
SLP076	333	'6045760_/_6045757'	2.57	3.33	3.33	3.33	0.616	0.6	3.33	1.58 No	0.6 Element Fault
SLP076	334	'7429107_/_7429104'	5.2	10	10	10	1.856	1.6	10	4.73 No	1.6 Element Fault
SLP076	335	'8688069_/_8688066_2'	2.1	3.33	3.33	3.33	0.616	0.3	3.33	1.58 No	0.3 Element Fault
SLP076	336	'7429086_/_65157164'	6.9	10	10	10	1.856	1.7	10	4.73 No	1.7 Element Fault
SLP076	337	'4860490_/_4860487'	2.43	3.33	3.33	3.33	0.616	0.3	3.33	1.58 No	0.3 Element Fault
SLP076	338	'6044582_/_6044592'	3.33	3.33	3.33	3.33	0.616	0.5	3.33	1.58 No	0.5 Element Fault
SLP076	339	'6044747_/_6044744'	2.1	3.33	3.33	3.33	0.616	0.9	3.33	1.58 No	0.616 Thermal Discharging
SLP076	340	'4879695_/_4879708'	1.43	3.33	3.33	3.33	0.616	0.5	3.33	1.58 No	0.5 Element Fault
SLP076	341	'43834066_/_6044382'	6.7	10	10	10	1.856	1.8	10	4.73 No	1.8 Element Fault
SLP076	342	'6044461_/_6044459'	5.6	10	10	10	1.856	2.5	10	4.73 No	1.856 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SLP076	343	'4869994_/_4870008'	5.3	10	10	1.856	1.8	10	4.73 No	1.8	Element Fault
SLP076	344	'6046575_/_6046611'	3.33	3.33	3.33	0.616	0.5	3.33	1.58 No	0.5	Element Fault
SLP076	345	'6044208_/_6044510'	5.4	10	10	1.856	2.5	10	4.73 No	1.856	Thermal Discharging
SLP076	346	'6044652_/_6044650'	1.93	3.33	3.33	0.616	0.9	3.33	1.58 No	0.616	Thermal Discharging
SLP076	347	'6044889_/_6044899'	1.97	3.33	3.33	0.616	0.9	3.33	1.58 No	0.616	Thermal Discharging
SLP076	348	'6044345_/_6044342'	6.4	10	10	1.856	1.6	10	4.73 No	1.6	Element Fault
SLP076	349	'410979560_/_389750044_1'	6.4	10	10	1.856	0.9	10	4.73 No	0.9	Element Fault
SLP076	350	'43834053_/_43834068'	6.1	10	10	1.856	1.8	10	4.73 No	1.8	Element Fault
SLP076	351	'6044802_/_6044799'	1.9	3.33	3.33	0.616	0.9	3.33	1.58 No	0.616	Thermal Discharging
SLP076	352	'6029315_/_6029333'	4.4	10	10	1.856	2.4	10	4.73 No	1.856	Thermal Discharging
SLP076	353	'8379462_/_389750044_2'	6.2	10	10	1.856	0.9	10	4.73 No	0.9	Element Fault
SLP076	354	'43834296_/_6044634'	2.97	3.33	3.33	0.616	0.3	3.33	1.58 No	0.3	Element Fault
SLP076	355	'43834555_/_6045353'	5.4	10	10	1.856	2.5	10	4.73 No	1.856	Thermal Discharging
SLP076	356	'6029353_/_6029363_1'	1.43	3.33	3.33	0.616	0.5	3.33	1.58 No	0.5	Element Fault
SLP076	357	'6044188_/_6044205'	5.2	10	10	1.856	2.5	10	4.73 No	1.856	Thermal Discharging
SLP076	358	'7429087_/_590289917'	5.8	10	10	1.856	1.7	10	4.73 No	1.7	Element Fault
SLP076	359	'6028821_/_44075086'	4.2	10	10	1.856	2.4	10	4.73 No	1.856	Thermal Discharging
SLP076	360	'43591129_/_4860500'	2.4	3.33	3.33	0.616	0.3	3.33	1.58 No	0.3	Element Fault
SLP076	361	'43837592_/_6046987'	2.23	3.33	3.33	0.616	0.5	3.33	1.58 No	0.5	Element Fault
SLP076	362	'49148845_/_6028819_1'	1.4	3.33	3.33	0.616	0.5	3.33	1.58 No	0.5	Element Fault
SLP076	363	'9373241_/_9373254_1'	1.4	3.33	3.33	0.616	0.5	3.33	1.58 No	0.5	Element Fault
SLP076	364	'6044170_/_6044185'	5	10	10	1.856	2.5	10	4.73 No	1.856	Thermal Discharging
SLP076	365	'43835224_/_6029313'	4.2	10	10	1.856	2.4	10	4.73 No	1.856	Thermal Discharging
SLP076	366	'6044426_/_43834055'	5.6	10	10	1.856	1.2	10	4.73 No	1.2	Element Fault
SLP076	367	'53289247_/_53289113_1'	2.8	6.67	6.67	1.232	1	6.67	3.16 No	1	Element Fault
SLP076	368	'6044581_/_6044579'	2.63	3.33	3.33	0.616	0.5	3.33	1.58 No	0.5	Element Fault
SLP076	369	'6044405_/_6044402'	3.8	6.67	6.67	1.232	1.07	6.67	3.16 No	1.07	Element Fault
SLP076	370	'6044319_/_6045324_1'	1.67	3.33	3.33	0.616	0.5	3.33	1.58 No	0.5	Element Fault
SLP076	371	'6044760_/_6044757'	1.77	3.33	3.33	0.616	0.9	3.33	1.58 No	0.616	Thermal Discharging
SLP076	372	'4869977_/_4869991'	4.7	10	10	1.856	1.8	10	4.73 No	1.8	Element Fault
SLP076	373	'8379426_/_9001141'	5.4	10	10	1.856	1.2	10	4.73 No	1.2	Element Fault
SLP076	374	'6044152_/_6044167'	3.2	6.67	6.67	1.232	1.67	6.67	3.16 No	1.232	Thermal Discharging
SLP076	375	'37945919_/_8688154'	5.4	10	10	1.856	1.7	10	4.73 No	1.7	Element Fault
SLP076	376	'37945912_/_37945916'	5.4	10	10	1.856	1.6	10	4.73 No	1.6	Element Fault
SLP076	377	'6046562_/_6046572'	2.07	3.33	3.33	0.616	0.5	3.33	1.58 No	0.5	Element Fault
SLP076	378	'6029366_/_6029363_2'	1.37	3.33	3.33	0.616	0.5	3.33	1.58 No	0.5	Element Fault
SLP076	379	'43834142_/_6046490'	1.83	3.33	3.33	0.616	0.83	3.33	1.58 No	0.616	Thermal Discharging
SLP076	380	'6045313_/_6045324_2'	1.67	3.33	3.33	0.616	0.5	3.33	1.58 No	0.5	Element Fault
SLP076	381	'43834318_/_6044886'	1.7	3.33	3.33	0.616	0.9	3.33	1.58 No	0.616	Thermal Discharging
SLP076	382	'40373924_/_9373254_2'	1.33	3.33	3.33	0.616	0.5	3.33	1.58 No	0.5	Element Fault
SLP076	383	'6028838_/_43835226'	4	10	10	1.856	2.4	10	4.73 No	1.856	Thermal Discharging
SLP076	384	'4879694_/_4879692'	1.27	3.33	3.33	0.616	0.5	3.33	1.58 No	0.5	Element Fault
SLP076	385	'6045693_/_6045690'	1.67	3.33	3.33	0.616	0.9	3.33	1.58 No	0.616	Thermal Discharging
SLP076	386	'6044137_/_6044149'	3.13	6.67	6.67	1.232	1.67	6.67	3.16 No	1.232	Thermal Discharging
SLP076	387	'6044918_/_6044915'	1.7	3.33	3.33	0.616	0.9	3.33	1.58 No	0.616	Thermal Discharging
SLP076	388	'6028805_/_6028819_2'	1.43	3.33	3.33	0.616	0.5	3.33	1.58 No	0.5	Element Fault
SLP076	389	'9373257_/_44100074'	1.33	3.33	3.33	0.616	0.5	3.33	1.58 No	0.5	Element Fault
SLP076	390	'6028837_/_6028835'	4	10	10	1.856	2.4	10	4.73 No	1.856	Thermal Discharging
SLP076	391	'6044637_/_43834298'	2.27	3.33	3.33	0.616	0.3	3.33	1.58 No	0.3	Element Fault
SLP076	392	'156310704_/_156310637'	2.6	6.67	6.67	1.232	1	6.67	3.16 No	1	Element Fault
SLP076	393	'6044569_/_6046477'	2.3	3.33	3.33	0.616	0.5	3.33	1.58 No	0.5	Element Fault
SLP076	394	'6029382_/_6029379'	1.3	3.33	3.33	0.616	0.5	3.33	1.58 No	0.5	Element Fault
SLP076	395	'9321061_/_389750206'	6.5	10	10	1.856	0.9	10	4.73 No	0.9	Element Fault
SLP076	396	'6044122_/_6044134'	3.07	6.67	6.67	1.232	1.67	6.67	3.16 No	1.232	Thermal Discharging
SLP076	397	'4860503_/_43591131'	2.07	3.33	3.33	0.616	0.3	3.33	1.58 No	0.3	Element Fault
SLP076	398	'6044445_/_6044443'	1.87	3.33	3.33	0.616	0.83	3.33	1.58 No	0.616	Thermal Discharging
SLP076	399	'6044251_/_6045256_1'	1.53	3.33	3.33	0.616	0.5	3.33	1.58 No	0.5	Element Fault
SLP076	400	'6044331_/_6045311'	1.67	3.33	3.33	0.616	0.5	3.33	1.58 No	0.5	Element Fault
SLP076	401	'43835213_/_6029392'	1.3	3.33	3.33	0.616	0.5	3.33	1.58 No	0.5	Element Fault
SLP076	402	'4869772_/_4869974'	4.2	10	10	1.856	1.8	10	4.73 No	1.8	Element Fault
SLP076	403	'8064237_/_8379424'	4.8	10	10	1.856	1.2	10	4.73 No	1.2	Element Fault
SLP076	404	'6044263_/_6045256_2'	1.53	3.33	3.33	0.616	0.5	3.33	1.58 No	0.5	Element Fault
SLP076	405	'6046990_/_43837594'	1.77	3.33	3.33	0.616	0.5	3.33	1.58 No	0.5	Element Fault
SLP076	406	'6028854_/_6028852'	3.8	10	10	1.856	2.4	10	4.73 No	1.856	Thermal Discharging
SLP076	407	'6044107_/_6044119'	2.93	6.67	6.67	1.232	1.67	6.67	3.16 No	1.232	Thermal Discharging
SLP076	408	'4860545_/_7086533'	1.9	3.33	3.33	0.616	0.83	3.33	1.58 No	0.616	Thermal Discharging
SLP076	409	'6044621_/_6044618'	2.13	3.33	3.33	0.616	0.5	3.33	1.58 No	0.5	Element Fault
SLP076	410	'43837509_/_43837511'	1.7	3.33	3.33	0.616	0.5	3.33	1.58 No	0.5	Element Fault
SLP076	411	'43835202_/_6028803'	1.43	3.33	3.33	0.616	0.5	3.33	1.58 No	0.5	Element Fault
SLP076	412	'6044086_/_6044104'	2.87	6.67	6.67	1.232	1.67	6.67	3.16 No	1.232	Thermal Discharging
SLP076	413	'6044944_/_6044928'	1.5	3.33	3.33	0.616	0.9	3.33	1.58 No	0.616	Thermal Discharging
SLP076	414	'6044860_/_6044873'	1.5	3.33	3.33	0.616	0.9	3.33	1.58 No	0.616	Thermal Discharging
SLP076	415	'6028903_/_44075075'	1.23	3.33	3.33	0.616	0.5	3.33	1.58 No	0.5	Element Fault
SLP076	416	'6044556_/_6044566'	2.03	3.33	3.33	0.616	0.5	3.33	1.58 No	0.5	Element Fault
SLP076	417	'8453912_/_8453910_1'	1.23	3.33	3.33	0.616	0.3	3.33	1.58 No	0.3	Element Fault
SLP076	418	'7823276_/_7823274_2'	1.23	3.33	3.33	0.616	0.5	3.33	1.58 No	0.5	Element Fault
SLP076	419	'410162838_/_410162875'	3.33	3.33	3.33	0.616	0.5	3.33	1.58 No	0.5	Element Fault
SLP076	420	'6044068_/_6044083'	2.8	6.67	6.67	1.232	1.67	6.67	3.16 No	1.232	Thermal Discharging
SLP076	421	'6044332_/_6044329'	1.7	3.33	3.33	0.616	0.5	3.33	1.58 No	0.5	Element Fault
SLP076	422	'6044306_/_6045337'	1.7	3.33	3.33	0.616	0.5	3.33	1.58 No	0.5	Element Fault
SLP076	423	'43833919_/_6044261'	1.53	3.33	3.33	0.616	0.5	3.33	1.58 No	0.5	Element Fault
SLP076	424	'43594458_/_43594460'	1.13	3.33	3.33	0.616	0.5	3.33	1.58 No	0.5	Element Fault
SLP076	425	'43591118_/_43591120'	1.9	3.33	3.33	0.616	0.83	3.33	1.58 No	0.616	Thermal Discharging
SLP076	426	'43833873_/_43833875'	2.8	6.67	6.67	1.232	1.67	6.67	3.16 No	1.232	Thermal Discharging
SLP076	427	'4869771_/_4869769'	3.9	10	10	1.856	1.8	10	4.73 No	1.8	Element Fault
SLP076	428	'6044053_/_6044050_2'	2.73	6.67	6.67	1.232	1.67	6.67	3.16 No	1.232	Thermal Discharging
SLP076	429	'6044038_/_6044050_1'	2.73	6.67	6.67	1.232	1.67	6.67	3.16 No	1.232	Thermal Discharging
SLP076	430	'7991077_/_4869792'	3.8	10	10	1.856	1.8	10	4.73 No	1.8	Element Fault
SLP076	431	'50147539_/_9250147_1'	3.8	10	10	1.856	0.9	10	4.73 No	0.9	Element Fault
SLP076	432	'43834329_/_6044954'	1.4	3.33	3.33	0.616	0.9	3.33	1.58 No	0.616	Thermal Discharging
SLP076	433	'6045038_/_6045035'	1.4	3.33	3.33	0.616	0.9	3.33	1.58 No	0.616	Thermal Discharging
SLP076	434	'6028780_/_6028790'	1.43	3.33	3.33	0.616	0.5	3.33	1.58 No	0.5	Element Fault
SLP076	435	'6028904_/_6028901'	1.17	3.33	3.33	0.616	0.5	3.33	1.58 No	0.5	Element Fault
SLP076	436	'43833908_/_43833910'	1.53	3.33	3.33	0.616	0.5	3.33	1.58 No	0.5	Element Fault

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Over-Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SLP076	437	'6044957_/_6044970_1'		1.4	3.33	3.33	0.616	0.3	3.33	1.58 No	0.3 Element Fault
SLP076	438	'6046536_/_6046546'		1.53	3.33	3.33	0.616	0.5	3.33	1.58 No	0.5 Element Fault
SLP076	439	'6044023_/_6044035'		2.67	6.67	6.67	1.232	1.67	6.67	3.16 No	1.232 Thermal Discharging
SLP076	440	'4860464_/_4860526'		1.97	3.33	3.33	0.616	0.83	3.33	1.58 No	0.616 Thermal Discharging
SLP076	441	'6044238_/_6044235_2'		1.57	3.33	3.33	0.616	0.5	3.33	1.58 No	0.5 Element Fault
SLP076	442	'39702723_/_8453910_2'		1.13	3.33	3.33	0.616	0.3	3.33	1.58 No	0.3 Element Fault
SLP076	443	'515108612_/_6045048_1'		1.37	3.33	3.33	0.616	0.3	3.33	1.58 No	0.3 Element Fault
SLP076	444	'43834199_/_6044553'		1.83	3.33	3.33	0.616	0.5	3.33	1.58 No	0.5 Element Fault
SLP076	445	'6045051_/_6045048_2'		1.37	3.33	3.33	0.616	0.3	3.33	1.58 No	0.3 Element Fault
SLP076	446	'6044844_/_6044857'		1.37	3.33	3.33	0.616	0.9	3.33	1.58 No	0.616 Thermal Discharging
SLP076	447	'43833924_/_43833921'		1.57	3.33	3.33	0.616	0.5	3.33	1.58 No	0.5 Element Fault
SLP076	448	'43833930_/_6044303'		1.73	3.33	3.33	0.616	0.5	3.33	1.58 No	0.5 Element Fault
SLP076	449	'43834340_/_6045048_3'		1.37	3.33	3.33	0.616	0.3	3.33	1.58 No	0.3 Element Fault
SLP076	450	'9250150_/_9250147_2'		3.6	10	10	1.856	0.9	10	4.73 No	0.9 Element Fault
SLP076	451	'43833885_/_43833887'		2.6	6.67	6.67	1.232	1.67	6.67	3.16 No	1.232 Thermal Discharging
SLP076	452	'6028779_/_6028777'		1.37	3.33	3.33	0.616	0.5	3.33	1.58 No	0.5 Element Fault
SLP076	453	'6046588_/_6046585'		1.43	3.33	3.33	0.616	0.5	3.33	1.58 No	0.5 Element Fault
SLP076	454	'6028917_/_6028914'		1.13	3.33	3.33	0.616	0.5	3.33	1.58 No	0.5 Element Fault
SLP076	455	'6044225_/_6044235_1'		1.57	3.33	3.33	0.616	0.5	3.33	1.58 No	0.5 Element Fault
SLP076	456	'6044007_/_6044005'		2.53	6.67	6.67	1.232	1.67	6.67	3.16 No	1.232 Thermal Discharging
SLP076	457	'6046523_/_6046533'		1.4	3.33	3.33	0.616	0.5	3.33	1.58 No	0.5 Element Fault
SLP076	458	'43834307_/_6044841'		1.3	3.33	3.33	0.616	0.9	3.33	1.58 No	0.616 Thermal Discharging
SLP076	459	'43591096_/_4860461'		1.87	3.33	3.33	0.616	0.83	3.33	1.58 No	0.616 Thermal Discharging
SLP076	460	'8453913_/_44096781'		1.1	3.33	3.33	0.616	0.3	3.33	1.58 No	0.3 Element Fault
SLP076	461	'43834210_/_6044540'		1.7	3.33	3.33	0.616	0.5	3.33	1.58 No	0.5 Element Fault
SLP076	462	'43835178_/_43835180'		1.3	3.3	3.33	0.616	0.5	3.33	1.58 No	0.5 Element Fault
SLP076	463	'6044973_/_6044970_2'		1.27	3.33	3.33	0.616	0.3	3.33	1.58 No	0.3 Element Fault
SLP076	464	'4869906_/_7086480'		2.47	6.67	6.67	1.232	1.67	6.67	3.16 No	1.232 Thermal Discharging
SLP076	465	'108503007_/_4869890_3'		1.23	3.33	3.33	0.616	0.83	3.33	1.58 No	0.616 Thermal Discharging
SLP076	466	'108503015_/_4869890_2'		1.23	3.33	3.33	0.616	0.6	3.33	1.58 No	0.6 Element Fault
SLP076	467	'6046522_/_6046520'		1.33	3.33	3.33	0.616	0.5	3.33	1.58 No	0.5 Element Fault
SLP076	468	'4870095_/_4870093'		1.77	3.33	3.33	0.616	0.83	3.33	1.58 No	0.616 Thermal Discharging
SLP076	469	'43837498_/_6046598'		1.33	3.33	3.33	0.616	0.5	3.33	1.58 No	0.5 Element Fault
SLP076	470	'43594330_/_7086665'		1.07	3.33	3.33	0.616	0.5	3.33	1.58 No	0.5 Element Fault
SLP076	471	'6044292_/_6044290'		1.7	3.33	3.33	0.616	0.5	3.33	1.58 No	0.5 Element Fault
SLP076	472	'43834363_/_43834342'		1.23	3.33	3.33	0.616	0.3	3.33	1.58 No	0.3 Element Fault
SLP076	473	'4849605_/_7086649'		1.27	3.17	3.33	0.616	0.5	3.33	1.58 No	0.5 Element Fault
SLP076	474	'4869880_/_4869890_1'		1.23	3.33	3.33	0.616	0.6	3.33	1.58 No	0.6 Element Fault
SLP076	475	'40679316_/_7823274_1'		1.03	3.2	3.33	0.616	0.3	3.33	1.58 No	0.3 Element Fault
SLP076	476	'43834209_/_6044527'		1.6	3.33	3.33	0.616	0.5	3.33	1.58 No	0.5 Element Fault
SLP076	477	'43833897_/_6044222'		1.6	3.33	3.33	0.616	0.5	3.33	1.58 No	0.5 Element Fault
SLP076	478	'7823277_/_44103525'		1.03	3.17	3.33	0.616	0.3	3.33	1.58 No	0.3 Element Fault
SLP076	479	'4869626_/_4869916'		1.23	3.33	3.33	0.616	0.6	3.33	1.58 No	0.6 Element Fault
SLP076	480	'4869867_/_4869877'		1.23	3.33	3.33	0.616	0.6	3.33	1.58 No	0.6 Element Fault
SLP076	481	'4849576_/_7086633'		1.23	3.03	3.33	0.616	0.5	3.33	1.58 No	0.5 Element Fault
SLP076	482	'6044815_/_6044825'		1.17	3.33	3.33	0.616	0.9	3.33	1.58 No	0.616 Thermal Discharging
SLP076	483	'43834351_/_6044983'		1.17	3.33	3.33	0.616	0.3	3.33	1.58 No	0.3 Element Fault
SLP076	484	'4856219_/_4856229'		1.03	3.2	3.33	0.616	0.5	3.33	1.58 No	0.5 Element Fault
SLP076	485	'4849589_/_4849602'		1.2	3	3.33	0.616	0.5	3.33	1.58 No	0.5 Element Fault
SLP076	486	'6046601_/_43837500'		1.23	3.33	3.33	0.616	0.3	3.33	1.58 No	0.3 Element Fault
SLP076	487	'43594264_/_43594266'		1.6	3.3	3.33	0.616	0.5	3.33	1.58 No	0.5 Element Fault
SLP076	488	'7134394_/_7134404_1'		1.03	3.2	3.33	0.616	0.3	3.33	1.58 No	0.3 Element Fault
SLP076	489	'4869613_/_4869623'		1.27	3.33	3.33	0.616	0.6	3.33	1.58 No	0.6 Element Fault
SLP076	490	'6045077_/_6045074'		1.17	3.3	3.33	0.616	0.3	3.33	1.58 No	0.3 Element Fault
SLP076	491	'4869851_/_4869864'		1.27	3.33	3.33	0.616	0.6	3.33	1.58 No	0.6 Element Fault
SLP076	492	'4869948_/_4869961'		1.57	3.2	3.33	0.616	0.5	3.33	1.58 No	0.5 Element Fault
SLP076	493	'4869932_/_7086501'		1.5	3.23	3.33	0.616	0.5	3.33	1.58 No	0.5 Element Fault
SLP076	494	'43594209_/_43594211'		1.27	3.33	3.33	0.616	0.6	3.33	1.58 No	0.6 Element Fault
SLP076	495	'6044814_/_6044812'		1.1	3.13	3.33	0.616	0.9	3.33	1.58 No	0.616 Thermal Discharging
SLP076	496	'4849560_/_4849573'		1.13	2.87	3.33	0.616	0.5	3.33	1.58 No	0.5 Element Fault
SLP076	497	'4849547_/_4849586'		1.13	2.83	3.33	0.616	0.5	3.33	1.58 No	0.5 Element Fault
SLP076	498	'4869587_/_4869597'		1.27	3.33	3.33	0.616	0.6	3.33	1.58 No	0.6 Element Fault
SLP076	499	'43591336_/_4856216'		0.97	2.93	3.33	0.616	0.5	3.33	1.58 No	0.5 Element Fault
SLP076	500	'4869759_/_4869945'		1.47	3.03	3.33	0.616	0.5	3.33	1.58 No	0.5 Element Fault
SLP076	501	'4878269_/_4878279'		1.27	3.33	3.33	0.616	0.6	3.33	1.58 No	0.6 Element Fault
SLP076	502	'4849630_/_7134404_2'		0.97	2.93	3.33	0.616	0.3	3.33	1.58 No	0.3 Element Fault
SLP076	503	'6044999_/_43834353'		1.07	3.03	3.33	0.616	0.3	3.33	1.58 No	0.3 Element Fault
SLP076	504	'8379446_/_389750087'		3.33	3.33	3.33	0.616	0.3	3.33	1.58 No	0.3 Element Fault
SLP076	505	'4869931_/_4869929'		1.43	3.07	3.33	0.616	0.5	3.33	1.58 No	0.5 Element Fault
SLP076	506	'4869838_/_4869848'		1.27	3.33	3.33	0.616	0.6	3.33	1.58 No	0.6 Element Fault
SLP076	507	'43594253_/_7086464'		1.27	3.33	3.33	0.616	0.6	3.33	1.58 No	0.6 Element Fault
SLP076	508	'4869574_/_4869584'		1.27	3.33	3.33	0.616	0.6	3.33	1.58 No	0.6 Element Fault
SLP076	509	'43834374_/_6045087'		1.07	3	3.33	0.616	0.3	3.33	1.58 No	0.3 Element Fault
SLP076	510	'43594319_/_43594321'		1.1	2.73	3.33	0.616	0.5	3.33	1.58 No	0.5 Element Fault
SLP076	511	'43591325_/_43591327'		1.1	2.7	3.33	0.616	0.5	3.33	1.58 No	0.5 Element Fault
SLP076	512	'6045012_/_6045009'		1.03	2.93	3.33	0.616	0.3	3.33	1.58 No	0.3 Element Fault
SLP076	513	'6043966_/_6043963'		1.27	3.23	3.33	0.616	0.6	3.33	1.58 No	0.6 Element Fault
SLP076	514	'43598780_/_4878266'		1.27	3.2	3.33	0.616	0.6	3.33	1.58 No	0.6 Element Fault
SLP076	515	'43838903_/_6048634'		1.03	2.87	3.33	0.616	0.9	3.33	1.58 No	0.616 Thermal Discharging
SLP076	516	'4869812_/_4869835'		1.27	3.27	3.33	0.616	0.6	3.33	1.58 No	0.6 Element Fault
SLP076	517	'7739329_/_389750242'		3.33	3.33	3.33	0.616	0.3	3.33	1.58 No	0.3 Element Fault
SLP076	518	'4869558_/_4869571'		1.27	3.23	3.33	0.616	0.6	3.33	1.58 No	0.6 Element Fault
SLP076	519	'43598026_/_43598028'		1.37	2.87	3.33	0.616	0.5	3.33	1.58 No	0.5 Element Fault
SLP076	520	'4869746_/_4869756'		1.37	2.83	3.33	0.616	0.5	3.33	1.58 No	0.5 Element Fault
SLP076	521	'4849559_/_4849557'		1.07	2.63	3.33	0.616	0.5	3.33	1.58 No	0.5 Element Fault
SLP076	522	'4849631_/_4849628'		0.9	2.73	3.33	0.616	0.3	3.33	1.58 No	0.3 Element Fault
SLP076	523	'7429127_/_7429124'		1.07	3.1	3.33	0.616	0.3	3.33	1.58 No	0.3 Element Fault
SLP076	524	'6043979_/_6043976'		1.27	3.07	3.33	0.616	0.6	3.33	1.58 No	0.6 Element Fault
SLP076	525	'6045103_/_43834376'		1	2.8	3.33	0.616	0.3	3.33	1.58 No	0.3 Element Fault
SLP076	526	'4869811_/_4869809'		1.27	3.1	3.33	0.616	0.6	3.33	1.58 No	0.6 Element Fault
SLP076	527	'7429066_/_389750133'		3.33	3.33	3.33	0.616	0.3	3.33	1.58 No	0.3 Element Fault
SLP076	528	'43591314_/_43591338'		0.9	2.67	3.33	0.616	0.5	3.33	1.58 No	0.5 Element Fault
SLP076	529	'4849546_/_4849544'		1.03	2.57	3.33	0.616	0.5	3.33	1.58 No	0.5 Element Fault
SLP076	530	'4878255_/_4878253'		1.27	2.97	3.33	0.616	0.6	3.33	1.58 No	0.6 Element Fault

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SLP076	531	'6045025_/_6045022'		0.97	2.73	3.33	0.616	0.3	3.33	1.58 No	0.3 Element Fault
SLP076	532	'6043992_/_6043989'		1.3	2.93	3.33	0.616	0.6	3.33	1.58 No	0.6 Element Fault
SLP076	533	'6045116_/_6045113'		0.97	2.7	3.33	0.616	0.3	3.33	1.58 No	0.3 Element Fault
SLP076	534	'4869704_/_4878006'		1.3	2.73	3.33	0.616	0.5	3.33	1.58 No	0.5 Element Fault
SLP076	535	'4869730_/_4869743_2'		1.3	2.67	3.33	0.616	0.5	3.33	1.58 No	0.5 Element Fault
SLP076	536	'4869557_/_4869555'		1.3	3	3.33	0.616	0.6	3.33	1.58 No	0.6 Element Fault
SLP076	537	'4849618_/_4849615'		1	2.5	3.33	0.616	0.5	3.33	1.58 No	0.5 Element Fault
SLP076	538	'43594242_/_4869743_1'		1.3	2.67	3.33	0.616	0.5	3.33	1.58 No	0.5 Element Fault
SLP076	539	'43838902_/_6048621'		0.97	2.63	3.33	0.616	0.9	3.33	1.58 No	0.616 Thermal Discharging
SLP076	540	'4869825_/_4869822'		1.3	2.83	3.33	0.616	0.6	3.33	1.58 No	0.6 Element Fault
SLP076	541	'4878298_/_4878308_2'		1.3	2.8	3.33	0.616	0.6	3.33	1.58 No	0.6 Element Fault
SLP076	542	'6045129_/_6045126'		0.93	2.6	3.33	0.616	0.3	3.33	1.58 No	0.3 Element Fault
SLP076	543	'4869691_/_4869701'		1.23	2.6	3.33	0.616	0.5	3.33	1.58 No	0.5 Element Fault
SLP076	544	'43598769_/_4878308_1'		1.3	2.77	3.33	0.616	0.6	3.33	1.58 No	0.6 Element Fault
SLP076	545	'4849534_/_4849531'		0.83	2.5	3.33	0.616	0.5	3.33	1.58 No	0.5 Element Fault
SLP076	546	'43598791_/_4878334'		1.3	2.73	3.33	0.616	0.6	3.33	1.58 No	0.6 Element Fault
SLP076	547	'7352788_/_7352786_1'		0.83	2.5	3.33	0.616	0.3	3.33	1.58 No	0.3 Element Fault
SLP076	548	'4869717_/_4869727'		1.23	2.57	3.33	0.616	0.5	3.33	1.58 No	0.5 Element Fault
SLP076	549	'7134314_/_7134311_1'		0.8	2.43	3.33	0.616	0.3	3.33	1.58 No	0.3 Element Fault
SLP076	550	'4878243_/_4878295'		1.27	2.63	3.33	0.616	0.6	3.33	1.58 No	0.6 Element Fault
SLP076	551	'43594231_/_4869688'		1.2	2.5	3.33	0.616	0.5	3.33	1.58 No	0.5 Element Fault
SLP076	552	'4869716_/_4869714'		1.2	2.5	3.33	0.616	0.5	3.33	1.58 No	0.5 Element Fault
SLP076	553	'7352789_/_7352786_2'		0.8	2.4	3.33	0.616	0.3	3.33	1.58 No	0.3 Element Fault
SLP076	554	'43834385_/_6045139'		0.9	2.47	3.33	0.616	0.3	3.33	1.58 No	0.3 Element Fault
SLP076	555	'4849504_/_7134311_2'		0.8	2.4	3.33	0.616	0.3	3.33	1.58 No	0.3 Element Fault
SLP076	556	'7670611_/_8613414'		0.8	2.37	3.33	0.616	0.3	3.33	1.58 No	0.3 Element Fault
SLP076	557	'6045155_/_6045152'		0.87	2.4	3.33	0.616	0.3	3.33	1.58 No	0.3 Element Fault
SLP076	558	'4869665_/_4869675'		1.13	2.4	3.33	0.616	0.5	3.33	1.58 No	0.5 Element Fault
SLP076	559	'43591303_/_4849502'		0.77	2.33	3.33	0.616	0.3	3.33	1.58 No	0.3 Element Fault
SLP076	560	'4878230_/_4878240'		1.2	2.5	3.33	0.616	0.6	3.33	1.58 No	0.6 Element Fault
SLP076	561	'7670612_/_7670609'		0.77	2.3	3.33	0.616	0.3	3.33	1.58 No	0.3 Element Fault
SLP076	562	'6045168_/_6045165'		0.83	2.3	3.33	0.616	0.3	3.33	1.58 No	0.3 Element Fault
SLP076	563	'4878217_/_4878321'		1.17	2.37	3.33	0.616	0.6	3.33	1.58 No	0.6 Element Fault
SLP076	564	'4869652_/_4869662'		1.1	2.3	3.33	0.616	0.5	3.33	1.58 No	0.5 Element Fault
SLP076	565	'7986984_/_7986981'		0.73	2.2	3.33	0.616	0.3	3.33	1.58 No	0.3 Element Fault
SLP076	566	'43591292_/_4849460'		0.73	2.2	3.33	0.616	0.3	3.33	1.58 No	0.3 Element Fault
SLP076	567	'4869545_/_4878227'		1.13	2.33	3.33	0.616	0.6	3.33	1.58 No	0.6 Element Fault
SLP076	568	'6045301_/_6045298'		0.83	2.23	3.33	0.616	0.3	3.33	1.58 No	0.3 Element Fault
SLP076	569	'43834396_/_6045181'		0.83	2.23	3.33	0.616	0.3	3.33	1.58 No	0.3 Element Fault
SLP076	570	'43594220_/_4869649'		1.07	2.23	3.33	0.616	0.5	3.33	1.58 No	0.5 Element Fault
SLP076	571	'6045376_/_6045454'		0.8	2.2	3.33	0.616	0.3	3.33	1.58 No	0.3 Element Fault
SLP076	572	'9248772_/_9248769'		0.7	2.13	3.33	0.616	0.3	3.33	1.58 No	0.3 Element Fault
SLP076	573	'451481045_/_451481047'		0.8	2.13	3.33	0.616	0.3	3.33	1.58 No	0.3 Element Fault
SLP076	574	'4849475_/_43591294'		0.7	2.1	3.33	0.616	0.3	3.33	1.58 No	0.3 Element Fault
SLP076	575	'43594219_/_4869636'		1	2.13	3.33	0.616	0.5	3.33	1.58 No	0.5 Element Fault
SLP076	576	'8613401_/_8931683_1'		0.7	2.1	3.33	0.616	0.1	3.33	1.58 No	0.1 Element Fault
SLP076	577	'4869544_/_4869542'		1.07	2.23	3.33	0.616	0.6	3.33	1.58 No	0.6 Element Fault
SLP076	578	'43598758_/_4878214'		1.07	2.17	3.33	0.616	0.6	3.33	1.58 No	0.6 Element Fault
SLP076	579	'6045197_/_43834398'		0.77	2.07	3.33	0.616	0.3	3.33	1.58 No	0.3 Element Fault
SLP076	580	'6045375_/_6045373'		0.77	2.07	3.33	0.616	0.3	3.33	1.58 No	0.3 Element Fault
SLP076	581	'8931686_/_8931683_2'		0.67	2.03	3.33	0.616	0.1	3.33	1.58 No	0.1 Element Fault
SLP076	582	'6045210_/_6045207'		0.73	2.03	3.33	0.616	0.3	3.33	1.58 No	0.3 Element Fault
SLP076	583	'6045389_/_6045386'		0.73	2	3.33	0.616	0.3	3.33	1.58 No	0.3 Element Fault
SLP076	584	'43591281_/_4849473'		0.67	1.97	3.33	0.616	0.3	3.33	1.58 No	0.3 Element Fault
SLP076	585	'6045226_/_6045223'		0.73	2	3.33	0.616	0.3	3.33	1.58 No	0.3 Element Fault
SLP076	586	'4878191_/_4878201'		0.97	1.97	3.33	0.616	0.6	3.33	1.58 No	0.6 Element Fault
SLP076	587	'43835167_/_43835169'		0.7	1.93	3.33	0.616	0.3	3.33	1.58 No	0.3 Element Fault
SLP076	588	'9248787_/_9248801'		0.63	1.9	3.33	0.616	0.3	3.33	1.58 No	0.3 Element Fault
SLP076	589	'6049227_/_6049224'		0.7	1.93	3.33	0.616	0.3	3.33	1.58 No	0.3 Element Fault
SLP076	590	'9248788_/_9248785'		0.63	1.87	3.33	0.616	0.3	3.33	1.58 No	0.3 Element Fault
SLP076	591	'4849476_/_43591283'		0.63	1.87	3.33	0.616	0.3	3.33	1.58 No	0.3 Element Fault
SLP076	592	'4878087_/_4878188'		0.93	1.87	3.33	0.616	0.6	3.33	1.58 No	0.6 Element Fault
SLP076	593	'6045415_/_6045412'		0.7	1.87	3.33	0.616	0.3	3.33	1.58 No	0.3 Element Fault
SLP076	594	'4878074_/_4878071_2'		0.93	1.87	3.33	0.616	0.6	3.33	1.58 No	0.6 Element Fault
SLP076	595	'4878061_/_4878071_1'		0.9	1.8	3.33	0.616	0.3	3.33	1.58 No	0.3 Element Fault
SLP076	596	'43594275_/_7086617'		0.67	1.8	3.33	0.616	0.3	3.33	1.58 No	0.3 Element Fault
SLP076	597	'43594198_/_4878175'		0.87	1.73	3.33	0.616	0.6	3.33	1.58 No	0.6 Element Fault
SLP076	598	'4860587_/_43594277'		0.63	1.73	3.33	0.616	0.3	3.33	1.58 No	0.3 Element Fault
SLP076	599	'4878048_/_4878058'		0.83	1.7	3.33	0.616	0.3	3.33	1.58 No	0.3 Element Fault
SLP076	600	'4860600_/_4860597'		0.63	1.7	3.33	0.616	0.3	3.33	1.58 No	0.3 Element Fault
SLP076	601	'43594197_/_4869529'		0.8	1.6	3.33	0.616	0.6	3.33	1.58 No	0.6 Element Fault
SLP076	602	'4878035_/_4878045'		0.8	1.6	3.33	0.616	0.3	3.33	1.58 No	0.3 Element Fault
SLP076	603	'4878113_/_4878110'		0.77	1.57	3.33	0.616	0.3	3.33	1.58 No	0.3 Element Fault
SLP076	604	'4878034_/_4878032'		0.77	1.5	3.33	0.616	0.3	3.33	1.58 No	0.3 Element Fault
SLP076	605	'43598736_/_4878123'		0.77	1.5	3.33	0.616	0.3	3.33	1.58 No	0.3 Element Fault
SLP076	606	'4878099_/_4878097'		0.77	1.5	3.33	0.616	0.3	3.33	1.58 No	0.3 Element Fault
SLP076	607	'4878126_/_43598738'		0.73	1.47	3.33	0.616	0.3	3.33	1.58 No	0.3 Element Fault
SLP076	608	'4878363_/_4878376'		0.73	1.47	3.33	0.616	0.3	3.33	1.58 No	0.3 Element Fault
SLP076	609	'4878417_/_4878415'		0.7	1.43	3.33	0.616	0.3	3.33	1.58 No	0.3 Element Fault
SLP076	610	'43598747_/_4878136'		0.73	1.43	3.33	0.616	0.3	3.33	1.58 No	0.3 Element Fault
SLP076	611	'4878152_/_4878149'		0.7	1.4	3.33	0.616	0.3	3.28	1.58 No	0.3 Element Fault
SLP076	612	'4878350_/_4878360'		0.7	1.37	3.33	0.616	0.3	3.26	1.58 No	0.3 Element Fault
SLP076	613	'4878434_/_4878431'		0.7	1.4	3.33	0.616	0.3	3.23	1.58 No	0.3 Element Fault
SLP076	614	'4869492_/_4878402'		0.67	1.37	3.33	0.616	0.3	3.2	1.58 No	0.3 Element Fault
SLP076	615	'4887983_/_4887980'		0.67	1.37	3.33	0.616	0.3	3.19	1.58 No	0.3 Element Fault
SLP076	616	'4869467_/_4878347'		0.67	1.33	3.33	0.616	0.3	3.17	1.58 No	0.3 Element Fault
SLP076	617	'4869479_/_4878389'		0.67	1.33	3.33	0.616	0.3	3.17	1.58 No	0.3 Element Fault
SLP076	618	'43594176_/_4869490'		0.67	1.33	3.33	0.616	0.3	3.17	1.58 No	0.3 Element Fault
SLP076	619	'4869425_/_4869464'		0.67	1.3	3.33	0.616	0.3	3.12	1.58 No	0.3 Element Fault
SLP076	620	'4869506_/_4869503'		0.67	1.3	3.33	0.616	0.3	3.12	1.58 No	0.3 Element Fault
SLP076	621	'4869519_/_4869516'		0.63	1.3	3.33	0.616	0.3	3.07	1.58 No	0.3 Element Fault
SLP076	622	'4869412_/_4869422'		0.63	1.27	3.33	0.616	0.3	3.06	1.58 No	0.3 Element Fault
SLP076	623	'43594165_/_4869435'		0.63	1.27	3.33	0.616	0.3	3.06	1.58 No	0.3 Element Fault
SLP076	624	'43594187_/_4869477'		0.63	1.27	3.33	0.616	0.3	3.06	1.58 No	0.3 Element Fault

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary	Regulator	Thermal	Element Fault	Breaker Reach	Unintentional	Hosting Capacity	
				Voltage Deviation						Voltage Deviation	Discharging
SLP076	625	'4869411_/_4869409'	0.63	1.27	3.33	0.616	0.3	3.02	1.58	No	0.3 Element Fault
SLP076	626	'44863079_/_4869448'	0.63	1.27	3.33	0.616	0.3	3.01	1.58	No	0.3 Element Fault
SLP076	627	'4869480_/_43594189'	0.6	1.2	3.33	0.616	0.3	2.96	1.58	No	0.3 Element Fault
SLP077	0	'SLP077_/_9318370'	10	10	10	1.232	10	10	3.44	No	1.232 Thermal Discharging
SLP077	1	'8748522_/_9318370'	10	10	10	1.232	10	10	3.44	No	1.232 Thermal Discharging
SLP077	2	'7802265_/_8748520'	10	10	10	1.232	10	10	3.44	No	1.232 Thermal Discharging
SLP077	3	'7802266_/_7802263'	10	10	10	1.232	10	10	3.44	No	1.232 Thermal Discharging
SLP077	4	'8685821_/_9695942'	10	10	10	1.232	10	10	3.44	No	1.232 Thermal Discharging
SLP077	5	'8455480_/_8685818'	10	10	10	1.232	10	10	3.43	No	1.232 Thermal Discharging
SLP077	6	'407313864_/_407313874'	10	10	10	1.232	10	10	3.42	No	1.232 Thermal Discharging
SLP077	7	'476663300_/_407313898_1'	10	10	10	1.232	10	10	3.42	No	1.232 Thermal Discharging
SLP077	8	'406030830_/_407313898_2'	10	10	10	1.232	10	10	3.42	No	1.232 Thermal Discharging
SLP077	9	'5916486_/_406030558'	10	10	10	1.232	10	10	3.42	No	1.232 Thermal Discharging
SLP077	10	'5916485_/_5916483'	10	10	10	1.232	10	10	3.42	No	1.232 Thermal Discharging
SLP077	11	'5958383_/_5958397'	10	10	10	1.232	10	10	3.42	No	1.232 Thermal Discharging
SLP077	12	'5958315_/_5958380'	10	10	10	1.232	10	10	3.42	No	1.232 Thermal Discharging
SLP077	13	'5958213_/_5958312'	10	10	10	1.232	10	10	3.42	No	1.232 Thermal Discharging
SLP077	14	'5958196_/_5958210'	10	10	10	1.232	10	10	3.42	No	1.232 Thermal Discharging
SLP077	15	'5958179_/_5958193'	10	10	10	1.232	10	10	3.42	No	1.232 Thermal Discharging
SLP077	16	'5958178_/_5958176'	10	10	10	1.232	10	10	3.42	No	1.232 Thermal Discharging
SLP077	17	'5958297_/_5958295'	10	10	10	1.232	10	10	3.42	No	1.232 Thermal Discharging
SLP077	18	'5958416_/_5958414'	10	10	10	1.232	10	10	3.42	No	1.232 Thermal Discharging
SLP077	19	'5958136_/_64604021'	10	10	10	1.232	10	10	3.42	No	1.232 Thermal Discharging
SLP077	20	'5947604_/_5958133'	10	10	10	1.232	10	10	3.42	No	1.232 Thermal Discharging
SLP077	21	'56972128_/_43816425_2'	10	10	10	1.232	10	10	3.42	No	1.232 Thermal Discharging
SLP077	22	'56972160_/_56972126_1'	3.33	3.33	3.33	0.408	0.5	3.33	1.14	No	0.408 Thermal Discharging
SLP077	23	'43816423_/_43816425_1'	10	10	10	1.232	10	10	3.42	No	1.232 Thermal Discharging
SLP077	24	'5947570_/_5947584'	10	10	10	1.232	10	10	3.42	No	1.232 Thermal Discharging
SLP077	25	'56972129_/_56972126_2'	3.33	3.33	3.33	0.408	0.5	3.33	1.14	No	0.408 Thermal Discharging
SLP077	26	'5947553_/_5947567'	10	10	10	1.232	10	10	3.42	No	1.232 Thermal Discharging
SLP077	27	'5947552_/_5947550'	10	10	10	1.232	10	10	3.42	No	1.232 Thermal Discharging
SLP077	28	'5955584_/_5955582'	10	10	10	1.232	10	10	3.42	No	1.232 Thermal Discharging
SLP077	29	'5947536_/_5955633'	10	10	10	1.232	10	10	3.42	No	1.232 Thermal Discharging
SLP077	30	'5947519_/_5947533'	10	10	10	1.232	10	10	3.42	No	1.232 Thermal Discharging
SLP077	31	'43816397_/_5947516'	10	10	10	1.232	10	10	3.42	No	1.232 Thermal Discharging
SLP077	32	'5947482_/_5947496'	10	10	10	1.232	10	10	3.42	No	1.232 Thermal Discharging
SLP077	33	'5947465_/_5947479'	10	10	10	1.232	10	10	3.42	No	1.232 Thermal Discharging
SLP077	34	'5947448_/_5947462'	10	10	10	1.232	10	10	3.42	No	1.232 Thermal Discharging
SLP077	35	'5947431_/_5947445'	10	10	10	1.232	10	10	3.42	No	1.232 Thermal Discharging
SLP077	36	'43816292_/_5947428'	10	10	10	1.232	10	10	3.42	No	1.232 Thermal Discharging
SLP077	37	'5944748_/_5947411'	10	10	10	1.232	10	10	3.42	No	1.232 Thermal Discharging
SLP077	38	'5944731_/_5944745'	10	10	10	1.232	10	10	3.42	No	1.232 Thermal Discharging
SLP077	39	'5944697_/_5944728'	10	10	10	1.232	10	10	3.42	No	1.232 Thermal Discharging
SLP077	40	'5944713_/_5944711'	10	10	10	1.232	10	10	3.42	No	1.232 Thermal Discharging
SLP077	41	'5947380_/_5947394'	10	10	10	1.232	10	10	3.42	No	1.232 Thermal Discharging
SLP077	42	'5947363_/_5947377'	10	10	10	1.232	10	10	3.42	No	1.232 Thermal Discharging
SLP077	43	'43816279_/_5947360'	10	10	10	1.232	10	10	3.42	No	1.232 Thermal Discharging
SLP077	44	'5947329_/_5947343'	10	10	10	1.232	10	10	3.42	No	1.232 Thermal Discharging
SLP077	45	'5947312_/_5947326'	10	10	10	1.232	10	10	3.42	No	1.232 Thermal Discharging
SLP077	46	'5947109_/_5947309'	10	10	10	1.232	10	10	3.42	No	1.232 Thermal Discharging
SLP077	47	'5947275_/_5947292'	10	10	10	1.232	10	10	3.42	No	1.232 Thermal Discharging
SLP077	48	'5947093_/_5947090_2'	3.33	3.33	3.33	0.408	1.1	3.33	1.14	No	0.408 Thermal Discharging
SLP077	49	'43816054_/_43816056'	10	10	10	1.232	10	10	3.42	No	1.232 Thermal Discharging
SLP077	50	'5947241_/_5947255'	10	10	10	1.232	10	10	3.42	No	1.232 Thermal Discharging
SLP077	51	'5947224_/_5947238'	10	10	10	1.232	10	10	3.42	No	1.232 Thermal Discharging
SLP077	52	'5947207_/_5947221'	10	10	10	1.232	10	10	3.42	No	1.232 Thermal Discharging
SLP077	53	'5947190_/_5947204'	10	10	10	1.232	10	10	3.42	No	1.232 Thermal Discharging
SLP077	54	'43816041_/_5947187'	10	10	10	1.232	10	10	3.42	No	1.232 Thermal Discharging
SLP077	55	'5947156_/_5947170'	10	10	10	1.232	10	10	3.42	No	1.232 Thermal Discharging
SLP077	56	'5947139_/_5947153'	10	10	10	1.232	10	10	3.42	No	1.232 Thermal Discharging
SLP077	57	'43816028_/_5947136'	10	10	10	1.232	10	10	3.42	No	1.232 Thermal Discharging
SLP077	58	'5946429_/_5947090_1'	3.33	3.33	3.33	0.408	0.5	3.33	1.14	No	0.408 Thermal Discharging
SLP077	59	'5950170_/_5950181'	10	10	10	1.232	10	10	3.42	No	1.232 Thermal Discharging
SLP077	60	'5950217_/_5950231'	10	10	10	1.232	10	10	3.42	No	1.232 Thermal Discharging
SLP077	61	'5944564_/_5950214'	10	10	10	1.232	10	10	3.42	No	1.232 Thermal Discharging
SLP077	62	'43816015_/_5944561'	10	10	10	1.232	10	10	3.42	No	1.232 Thermal Discharging
SLP077	63	'5944546_/_5944544'	10	10	10	1.232	10	10	3.42	No	1.232 Thermal Discharging
SLP077	64	'5946416_/_5946426'	3.33	3.33	3.33	0.408	0.5	3.33	1.14	No	0.408 Thermal Discharging
SLP077	65	'5944530_/_5947119'	10	10	10	1.232	10	10	3.42	No	1.232 Thermal Discharging
SLP077	66	'5944529_/_5944527'	10	10	10	1.232	10	10	3.42	No	1.232 Thermal Discharging
SLP077	67	'70294603_/_5944578'	10	10	10	1.232	10	10	3.42	No	1.232 Thermal Discharging
SLP077	68	'67211823_/_67211445'	10	10	10	1.232	10	10	3.42	No	1.232 Thermal Discharging
SLP077	69	'70294609_/_67211418'	10	10	10	1.232	10	10	3.42	No	1.232 Thermal Discharging
SLP077	70	'67211829_/_67211474'	10	10	10	1.232	10	10	3.42	No	1.232 Thermal Discharging
SLP077	71	'86516526_/_86516528'	10	10	10	1.232	10	10	3.42	No	1.232 Thermal Discharging
SLP077	72	'67211843_/_67211534'	10	10	10	1.232	10	10	3.42	No	1.232 Thermal Discharging
SLP077	73	'67211849_/_67211573'	10	10	10	1.232	10	10	3.42	No	1.232 Thermal Discharging
SLP077	74	'67211894_/_67211598'	10	10	10	1.232	10	10	3.42	No	1.232 Thermal Discharging
SLP077	75	'103494544_/_67211625'	10	10	10	1.232	10	10	3.42	No	1.232 Thermal Discharging
SLP077	76	'67211882_/_67211660'	10	10	10	1.232	10	10	3.42	No	1.232 Thermal Discharging
SLP077	77	'67211881_/_67211695'	10	10	10	1.232	10	10	3.42	No	1.232 Thermal Discharging
SLP077	78	'67211905_/_67211724'	10	10	10	1.232	10	10	3.42	No	1.232 Thermal Discharging
SLP077	79	'67211911_/_67211751'	10	10	10	1.232	10	10	3.42	No	1.232 Thermal Discharging
SLP077	80	'102257906_/_102257903'	10	10	10	1.232	10	10	3.42	No	1.232 Thermal Discharging
SLP077	81	'102257936_/_102257933'	10	10	10	1.232	10	10	3.42	No	1.232 Thermal Discharging
SLP077	82	'102257957_/_102257954'	10	10	10	1.232	10	10	3.42	No	1.232 Thermal Discharging
SLP077	83	'102257980_/_102257977'	10	10	10	1.232	10	10	3.42	No	1.232 Thermal Discharging
SLP077	84	'102258003_/_102258000'	10	10	10	1.232	10	10	3.42	No	1.232 Thermal Discharging
SLP077	85	'102258026_/_102258023'	10	10	10	1.232	10	10	3.42	No	1.232 Thermal Discharging
SLP077	86	'102258049_/_102258046'	10	10	10	1.232	10	10	3.42	No	1.232 Thermal Discharging
SLP077	87	'102258066_/_102258063'	10	10	10	1.232	10	10	3.42	No	1.232 Thermal Discharging
SLP077	88	'75162531_/_102258094'	10	10	10	1.232	10	10	3.42	No	1.232 Thermal Discharging
SLP077	89	'75162570_/_75162534'	10	10							

Feeder Name	Feeder ID	Node	Primary Over- Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SLP077	91	'75162640___/75162608'		10	10	10	1.232	10	10	3.42 No	1.232 Thermal Discharging
SLP077	92	'75162679___/75162647'		10	10	10	1.232	10	10	3.42 No	1.232 Thermal Discharging
SLP077	93	'75162757___/75162682'		10	10	10	1.232	10	10	3.42 No	1.232 Thermal Discharging
SLP077	94	'75162764___/75162723'		10	10	10	1.232	10	10	3.42 No	1.232 Thermal Discharging
SLP077	95	'75162794___/75162766'		10	10	10	1.232	10	10	3.42 No	1.232 Thermal Discharging
SLP077	96	'75162829___/75162797'		10	10	10	1.232	10	10	3.42 No	1.232 Thermal Discharging
SLP077	97	'75162860___/75162832'		10	10	10	1.232	10	10	3.42 No	1.232 Thermal Discharging
SLP077	98	'43816268___/43816270'	3.33		3.33	3.33	0.408	0.5	3.33	1.14 No	0.408 Thermal Discharging
SLP077	99	'75162897___/75162863'		10	10	10	1.232	10	10	3.42 No	1.232 Thermal Discharging
SLP077	100	'72174020___/75162900'		10	10	10	1.232	10	10	3.42 No	1.232 Thermal Discharging
SLP077	101	'72174019___/72173987'		10	10	10	1.232	10	10	3.42 No	1.232 Thermal Discharging
SLP077	102	'72174050___/72174022'		10	10	10	1.232	10	10	3.42 No	1.232 Thermal Discharging
SLP077	103	'72174091___/72174053'		10	10	10	1.232	10	10	3.42 No	1.232 Thermal Discharging
SLP077	104	'72174126___/72174094'		10	10	10	1.232	10	10	3.42 No	1.232 Thermal Discharging
SLP077	105	'72174157___/72174129'		10	10	10	1.232	10	10	3.42 No	1.232 Thermal Discharging
SLP077	106	'72174188___/72174160'		10	10	10	1.232	10	10	3.42 No	1.232 Thermal Discharging
SLP077	107	'72174219___/72174191'		10	10	10	1.232	10	10	3.42 No	1.232 Thermal Discharging
SLP077	108	'72174250___/72174222'		10	10	10	1.232	10	10	3.42 No	1.232 Thermal Discharging
SLP077	109	'72174289___/72174253'		10	10	10	1.232	10	10	3.42 No	1.232 Thermal Discharging
SLP077	110	'72174332___/72174294'		10	10	10	1.232	10	10	3.42 No	1.232 Thermal Discharging
SLP077	111	'72174367___/72174335'		10	10	10	1.232	10	10	3.42 No	1.232 Thermal Discharging
SLP077	112	'103494566___/72174370'		10	10	10	1.232	10	10	3.42 No	1.232 Thermal Discharging
SLP077	113	'103494668___/660732557_2'		10	10	10	1.232	10	10	3.42 No	1.232 Thermal Discharging
SLP077	114	'89251326___/72174401'		10	10	10	1.232	10	10	3.42 No	1.232 Thermal Discharging
SLP077	115	'4860430___/4860444'		10	10	10	1.232	10	10	3.42 No	1.232 Thermal Discharging
SLP077	116	'43596826___/43596828'		10	10	10	1.232	10	10	3.42 No	1.232 Thermal Discharging
SLP077	117	'4870517___/4870612'		10	10	10	1.232	10	10	3.42 No	1.232 Thermal Discharging
SLP077	118	'4870516___/4877495_2'	3.33		3.33	3.33	0.408	1.1	3.33	1.14 No	0.408 Thermal Discharging
SLP077	119	'4877404___/4877677'		10	10	10	1.232	10	10	3.42 No	1.232 Thermal Discharging
SLP077	120	'4877403___/4877401'		10	10	10	1.232	10	10	3.42 No	1.232 Thermal Discharging
SLP077	121	'7181191___/7181208'		10	10	10	1.232	10	10	3.42 No	1.232 Thermal Discharging
SLP077	122	'4870482___/7181188'		10	10	10	1.232	10	10	3.42 No	1.232 Thermal Discharging
SLP077	123	'7813381___/7813379_1'		10	10	10	1.232	1.5	10	3.42 No	1.232 Thermal Discharging
SLP077	124	'43592709___/43592711'		10	10	10	1.232	10	10	3.42 No	1.232 Thermal Discharging
SLP077	125	'4870447___/4870445'		10	10	10	1.232	10	10	3.42 No	1.232 Thermal Discharging
SLP077	126	'40984677___/7813379_2'		10	10	10	1.232	1.5	10	3.42 No	1.232 Thermal Discharging
SLP077	127	'43592696___/43592698'		10	10	10	1.232	10	10	3.42 No	1.232 Thermal Discharging
SLP077	128	'5946415___/5946413'	1.63		3.33	3.33	0.408	0.5	3.33	1.14 No	0.408 Thermal Discharging
SLP077	129	'392495774___/392495772'		10	10	10	1.232	10	10	3.42 No	1.232 Thermal Discharging
SLP077	130	'463932783___/454172838_2'		10	10	10	1.232	10	10	3.42 No	1.232 Thermal Discharging
SLP077	131	'4880882___/4880896'		10	10	10	1.232	10	10	3.42 No	1.232 Thermal Discharging
SLP077	132	'454527520___/447640017_2'		10	10	10	1.232	5.3	10	3.42 No	1.232 Thermal Discharging
SLP077	133	'454172765___/454172838_1'		10	10	10	1.232	10	10	3.42 No	1.232 Thermal Discharging
SLP077	134	'4877482___/4877495_1'	3.33		3.33	3.33	0.408	0.5	3.33	1.14 No	0.408 Thermal Discharging
SLP077	135	'447639972___/447640017_1'	6.2		10	10	1.232	1.5	10	3.42 No	1.232 Thermal Discharging
SLP077	136	'392495402___/392495823'	7.6		10	10	1.232	10	10	3.42 No	1.232 Thermal Discharging
SLP077	137	'392495395___/392495400'	7.6		10	10	1.232	10	10	3.42 No	1.232 Thermal Discharging
SLP077	138	'392495410___/392495408'	7.6		10	10	1.232	10	10	3.42 No	1.232 Thermal Discharging
SLP077	139	'392495418___/392495416'	7.6		10	10	1.232	10	10	3.42 No	1.232 Thermal Discharging
SLP077	140	'392495394___/392495392'	7.6		10	10	1.232	4.6	10	3.42 No	1.232 Thermal Discharging
SLP077	141	'385967415___/392495499_2'	7.1		10	10	1.232	10	10	3.42 No	1.232 Thermal Discharging
SLP077	142	'392495351___/392495499_1'	7.1		10	10	1.232	10	10	3.42 No	1.232 Thermal Discharging
SLP077	143	'4874824___/4874838'	7		10	10	1.232	10	10	3.42 No	1.232 Thermal Discharging
SLP077	144	'392496639___/392495654_1'	6.4		10	10	1.232	1.5	10	3.42 No	1.232 Thermal Discharging
SLP077	145	'386371385___/386370069_1'	6.9		10	10	1.232	0.9	10	3.42 No	0.9 Element Fault
SLP077	146	'4874552___/4874821'	6.7		10	10	1.232	10	10	3.42 No	1.232 Thermal Discharging
SLP077	147	'4870709___/392495654_2'	6.4		10	10	1.232	1.5	10	3.42 No	1.232 Thermal Discharging
SLP077	148	'4874440___/4874549'	4.4		6.67	6.67	0.824	3.1	6.67	2.28 No	0.824 Thermal Discharging
SLP077	149	'447639927___/447639991'	5.2		10	10	1.232	1.5	10	3.42 No	1.232 Thermal Discharging
SLP077	150	'43596803___/4877479'	3.33		3.33	3.33	0.408	0.5	3.33	1.14 No	0.408 Thermal Discharging
SLP077	151	'4874806___/4874804'	6.4		10	10	1.232	10	10	3.42 No	1.232 Thermal Discharging
SLP077	152	'4870729___/4870726'	5.9		10	10	1.232	1.5	10	3.42 No	1.232 Thermal Discharging
SLP077	153	'4875042___/4875056'	6.3		10	10	1.232	10	10	3.42 No	1.232 Thermal Discharging
SLP077	154	'396217120___/396217196'	4.9		10	10	1.232	1.5	10	3.42 No	1.232 Thermal Discharging
SLP077	155	'4875025___/4875039'	6		10	10	1.232	10	10	3.42 No	1.232 Thermal Discharging
SLP077	156	'9560921___/386370069_2'	5.8		10	10	1.232	0.9	10	3.42 No	0.9 Element Fault
SLP077	157	'4874927___/4875022'	5.9		10	10	1.232	10	10	3.42 No	1.232 Thermal Discharging
SLP077	158	'4877456___/4877466'	3.33		3.33	3.33	0.408	0.5	3.33	1.14 No	0.408 Thermal Discharging
SLP077	159	'396834213___/386370148'	5.6		10	10	1.232	0.9	10	3.42 No	0.9 Element Fault
SLP077	160	'4875004___/4875002'	5.7		10	10	1.232	10	10	3.42 No	1.232 Thermal Discharging
SLP077	161	'36454004___/44106664'	4.6		10	10	1.232	1.5	10	3.42 No	1.232 Thermal Discharging
SLP077	162	'4870855___/4870852_2'	1.87		3.33	3.33	0.408	0.9	3.33	1.14 No	0.408 Thermal Discharging
SLP077	163	'4876039___/4877180'	5.7		10	10	1.232	10	10	3.42 No	1.232 Thermal Discharging
SLP077	164	'4870746___/4870743'	4		6.67	6.67	0.824	1	6.67	2.28 No	0.824 Thermal Discharging
SLP077	165	'4874441___/4874438'	3.73		6.67	6.67	0.824	1	6.67	2.28 No	0.824 Thermal Discharging
SLP077	166	'4876022___/4876036'	5.6		10	10	1.232	10	10	3.42 No	1.232 Thermal Discharging
SLP077	167	'43598523___/43598525'	5.5		10	10	1.232	10	10	3.42 No	1.232 Thermal Discharging
SLP077	168	'4875985___/4876002'	5.4		10	10	1.232	10	10	3.42 No	1.232 Thermal Discharging
SLP077	169	'4877440___/4877453'	3.33		3.33	3.33	0.408	0.5	3.33	1.14 No	0.408 Thermal Discharging
SLP077	170	'4875924___/4875982'	5.3		10	10	1.232	10	10	3.42 No	1.232 Thermal Discharging
SLP077	171	'386371026___/386371162'	5		10	10	1.232	1.5	10	3.42 No	1.232 Thermal Discharging
SLP077	172	'386371018___/386371015'	4		10	10	1.232	1.5	10	3.42 No	1.232 Thermal Discharging
SLP077	173	'386371002___/386370999'	4		10	10	1.232	1.5	10	3.42 No	1.232 Thermal Discharging
SLP077	174	'43592625___/4874456'	3.47		6.67	6.67	0.824	1	6.67	2.28 No	0.824 Thermal Discharging
SLP077	175	'4875951___/4875965'	5.2		10	10	1.232	10	10	3.42 No	1.232 Thermal Discharging
SLP077	176	'43592509___/4875948'	5.1		10	10	1.232	10	10	3.42 No	1.232 Thermal Discharging
SLP077	177	'4875925___/4875935_1'	1.67		3.33	3.33	0.408	0.5	3.33	1.14 No	0.408 Thermal Discharging
SLP077	178	'4875891___/4875905'	5		10	10	1.232	10	10	3.42 No	1.232 Thermal Discharging
SLP077	179	'4874459___/43592627'	3.27		6.67	6.67	0.824	1	6.67	2.28 No	0.824 Thermal Discharging
SLP077	180	'4875890___/4875888'	4.9		10	10	1.232	10	10	3.42 No	1.232 Thermal Discharging
SLP077	181	'4877427___/4877437'	3.33		3.33	3.33	0.408	0.5	3.33	1.14 No	0.408 Thermal Discharging
SLP077	182	'4875938___/4875935_2'	1.57		3.33	3.33	0.408	0.5	3.33	1.14 No	0.408 Thermal Discharging
SLP077	183	'7354174___/7354172_1'	1.63		3.33	3.33	0.408	0.5	3.33	1.14 No	0.408 Thermal Discharging
SLP077	184	'73062438___/43592498_2'	4.8		10	10	1.232	10	10	3.42 No	1.232 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over- Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SLP077	185	'43592496_/43592498_1'		4.8	10	10	1.232	10	10	3.42 No	1.232 Thermal Discharging
SLP077	186	'4870842_/4870852_1'		1.53	3.33	3.33	0.408	0.9	3.33	1.14 No	0.408 Thermal Discharging
SLP077	187	'4874940_/4874937'		2.03	3.33	3.33	0.408	1	3.33	1.14 No	0.408 Thermal Discharging
SLP077	188	'7813382_/44086311'		3.7	10	10	1.232	1.5	10	3.42 No	1.232 Thermal Discharging
SLP077	189	'64865731_/64865733'		4.7	10	10	1.232	10	10	3.42 No	1.232 Thermal Discharging
SLP077	190	'70643127_/64865703'		4.7	10	10	1.232	10	10	3.42 No	1.232 Thermal Discharging
SLP077	191	'71279699_/70644489_1'		4.7	10	10	1.232	10	10	3.42 No	1.232 Thermal Discharging
SLP077	192	'4890710_/4890760_2'		1.43	3.33	3.33	0.408	0.9	3.33	1.14 No	0.408 Thermal Discharging
SLP077	193	'4874952_/4874950'		2.03	3.33	3.33	0.408	1	3.33	1.14 No	0.408 Thermal Discharging
SLP077	194	'4889380_/4889377'		1.37	3.33	3.33	0.408	0.5	3.33	1.14 No	0.408 Thermal Discharging
SLP077	195	'4870366_/7354172_2'		1.67	3.33	3.33	0.408	0.5	3.33	1.14 No	0.408 Thermal Discharging
SLP077	196	'4870367_/4870364'		1.67	3.33	3.33	0.408	0.5	3.33	1.14 No	0.408 Thermal Discharging
SLP077	197	'70644367_/70644489_2'		4.5	10	10	1.232	10	10	3.42 No	1.232 Thermal Discharging
SLP077	198	'403623674_/70644364'		4.5	10	10	1.232	10	10	3.42 No	1.232 Thermal Discharging
SLP077	199	'70644353_/70644357'		4.5	10	10	1.232	10	10	3.42 No	1.232 Thermal Discharging
SLP077	200	'70644325_/70644329'		4.5	10	10	1.232	4.7	10	3.42 No	1.232 Thermal Discharging
SLP077	201	'386371010_/386371084'		3.5	10	10	1.232	0.9	10	3.42 No	0.9 Element Fault
SLP077	202	'386371001_/386371007'		4.1	10	10	1.232	1.5	10	3.42 No	1.232 Thermal Discharging
SLP077	203	'4870829_/4870839'		1.2	3.33	3.33	0.408	0.9	3.33	1.14 No	0.408 Thermal Discharging
SLP077	204	'4877426_/4877424'		3.33	3.33	3.33	0.408	0.5	3.33	1.14 No	0.408 Thermal Discharging
SLP077	205	'71279721_/70644464_2'		4.3	10	10	1.232	10	10	3.42 No	1.232 Thermal Discharging
SLP077	206	'70643526_/70644464_1'		4.3	10	10	1.232	10	10	3.42 No	1.232 Thermal Discharging
SLP077	207	'4876559_/64865316_2'		4.3	10	10	1.232	10	10	3.42 No	1.232 Thermal Discharging
SLP077	208	'70643525_/64865316_1'		4.3	10	10	1.232	10	10	3.42 No	1.232 Thermal Discharging
SLP077	209	'4890724_/4890734_1'		1.13	3.33	3.33	0.408	0.2	3.33	1.14 No	0.2 Element Fault
SLP077	210	'43593411_/4876573'		4.3	10	10	1.232	10	10	3.42 No	1.232 Thermal Discharging
SLP077	211	'71279743_/70644742_1'		1.37	3.33	3.33	0.408	0.5	3.33	1.14 No	0.408 Thermal Discharging
SLP077	212	'4876593_/43593413'		4.2	10	10	1.232	10	10	3.42 No	1.232 Thermal Discharging
SLP077	213	'4876110_/4876607'		4.2	10	10	1.232	10	10	3.42 No	1.232 Thermal Discharging
SLP077	214	'4876627_/4876624'		4.2	10	10	1.232	10	10	3.42 No	1.232 Thermal Discharging
SLP077	215	'4876111_/4876121_1'		1.4	3.33	3.33	0.408	0.5	3.33	1.14 No	0.408 Thermal Discharging
SLP077	216	'4876644_/4876641'		4.1	10	10	1.232	10	10	3.42 No	1.232 Thermal Discharging
SLP077	217	'4870867_/4890734_2'		1.07	3.33	3.33	0.408	0.2	3.33	1.14 No	0.2 Element Fault
SLP077	218	'4876661_/4876658'		4.1	10	10	1.232	10	10	3.42 No	1.232 Thermal Discharging
SLP077	219	'7354191_/8305940_1'		4.1	10	10	1.232	1.5	10	3.42 No	1.232 Thermal Discharging
SLP077	220	'4876678_/4876675'		4	10	10	1.232	10	10	3.42 No	1.232 Thermal Discharging
SLP077	221	'4870790_/4890760_1'		1.03	3.33	3.33	0.408	0.2	3.33	1.14 No	0.2 Element Fault
SLP077	222	'4876152_/4876692'		4	10	10	1.232	10	10	3.42 No	1.232 Thermal Discharging
SLP077	223	'43592722_/4874963'		2.13	3.33	3.33	0.408	1	3.33	1.14 No	0.408 Thermal Discharging
SLP077	224	'43593446_/4876709'		3.9	10	10	1.232	10	10	3.42 No	1.232 Thermal Discharging
SLP077	225	'70644569_/71279292'		3.4	10	10	1.232	4.7	10	3.42 No	1.232 Thermal Discharging
SLP077	226	'70644568_/70644565'		3.4	10	10	1.232	4.7	10	3.42 No	1.232 Thermal Discharging
SLP077	227	'70644611_/70644607'		1.13	3.33	3.33	0.408	1.57	3.33	1.14 No	0.408 Thermal Discharging
SLP077	228	'70644583_/70644579'		1.13	3.33	3.33	0.408	1.57	3.33	1.14 No	0.408 Thermal Discharging
SLP077	229	'70644596_/70644600'		3.4	10	10	1.232	4.7	10	3.42 No	1.232 Thermal Discharging
SLP077	230	'43593435_/4876150'		1.23	3.33	3.33	0.408	1.5	3.33	1.14 No	0.408 Thermal Discharging
SLP077	231	'4873738_/43593448'		3.8	10	10	1.232	10	10	3.42 No	1.232 Thermal Discharging
SLP077	232	'70644731_/70644742_2'		1.13	3.33	3.33	0.408	0.5	3.33	1.14 No	0.408 Thermal Discharging
SLP077	233	'4876153_/4876163_1'		1.23	3.33	3.33	0.408	0.5	3.33	1.14 No	0.408 Thermal Discharging
SLP077	234	'4873775_/4873772'		3.8	10	10	1.232	10	10	3.42 No	1.232 Thermal Discharging
SLP077	235	'43599345_/4889390'		0.97	3.33	3.33	0.408	0.5	3.33	1.14 No	0.408 Thermal Discharging
SLP077	236	'85954069_/85954072'		1.13	3.33	3.33	0.408	1.57	3.33	1.14 No	0.408 Thermal Discharging
SLP077	237	'4876124_/4876121_2'		1.43	3.33	3.33	0.408	0.5	3.33	1.14 No	0.408 Thermal Discharging
SLP077	238	'4873202_/4873789'		3.7	10	10	1.232	10	10	3.42 No	1.232 Thermal Discharging
SLP077	239	'4873809_/4873806'		3.7	10	10	1.232	10	10	3.42 No	1.232 Thermal Discharging
SLP077	240	'4873214_/4873823'		3.6	10	10	1.232	10	10	3.42 No	1.232 Thermal Discharging
SLP077	241	'43598536_/4870865'		0.9	3.33	3.33	0.408	0.2	3.33	1.14 No	0.2 Element Fault
SLP077	242	'4873201_/4876354_2'		1.23	3.33	3.33	0.408	0.9	3.33	1.14 No	0.408 Thermal Discharging
SLP077	243	'87818977_/70644871_2'		3.1	10	10	1.232	4.7	10	3.42 No	1.232 Thermal Discharging
SLP077	244	'43593619_/4873840'		3.6	10	10	1.232	10	10	3.42 No	1.232 Thermal Discharging
SLP077	245	'4870816_/4870826'		0.9	3.33	3.33	0.408	0.9	3.33	1.14 No	0.408 Thermal Discharging
SLP077	246	'4876166_/4876163_2'		1.13	3.33	3.33	0.408	0.5	3.33	1.14 No	0.408 Thermal Discharging
SLP077	247	'4870158_/70644871_1'		3	10	10	1.232	1.5	10	3.42 No	1.232 Thermal Discharging
SLP077	248	'4873860_/43593621'		3.5	10	10	1.232	10	10	3.42 No	1.232 Thermal Discharging
SLP077	249	'7990953_/8932751_2'		3.5	10	10	1.232	5.3	10	3.42 No	1.232 Thermal Discharging
SLP077	250	'7354024_/8305940_2'		3.2	10	10	1.232	1.5	10	3.42 No	1.232 Thermal Discharging
SLP077	251	'4873215_/4873212'		1.2	3.33	3.33	0.408	1.5	3.33	1.14 No	0.408 Thermal Discharging
SLP077	252	'71279424_/71279435'		1	3.33	3.33	0.408	1.4	3.33	1.14 No	0.408 Thermal Discharging
SLP077	253	'4873240_/4873874'		3.5	10	10	1.232	10	10	3.42 No	1.232 Thermal Discharging
SLP077	254	'4876208_/4876205'		1.1	3.33	3.33	0.408	0.5	3.33	1.14 No	0.408 Thermal Discharging
SLP077	255	'396217151_/386371244_1'		3.33	3.33	3.33	0.408	0.5	3.33	1.14 No	0.408 Thermal Discharging
SLP077	256	'4873894_/4873891'		3.5	10	10	1.232	10	10	3.42 No	1.232 Thermal Discharging
SLP077	257	'4880839_/386371244_2'		3.33	3.33	3.33	0.408	0.5	3.33	1.14 No	0.408 Thermal Discharging
SLP077	258	'4873267_/4876367_1'		1.23	3.33	3.33	0.408	0.5	3.33	1.14 No	0.408 Thermal Discharging
SLP077	259	'396217144_/396217123_2'		3.33	3.33	3.33	0.408	0.5	3.33	1.14 No	0.408 Thermal Discharging
SLP077	260	'4873911_/4873908'		3.4	10	10	1.232	10	10	3.42 No	1.232 Thermal Discharging
SLP077	261	'396217125_/396217123_1'		3.33	3.33	3.33	0.408	0.5	3.33	1.14 No	0.408 Thermal Discharging
SLP077	262	'392496668_/4880849_1'		3.33	3.33	3.33	0.408	0.5	3.33	1.14 No	0.408 Thermal Discharging
SLP077	263	'43593424_/4876137'		1.47	3.33	3.33	0.408	0.5	3.33	1.14 No	0.408 Thermal Discharging
SLP077	264	'4873227_/4873925'		3.4	10	10	1.232	10	10	3.42 No	1.232 Thermal Discharging
SLP077	265	'70644769_/70644780'		0.97	3.33	3.33	0.408	0.5	3.33	1.14 No	0.408 Thermal Discharging
SLP077	266	'55556263_/4876803'		3.4	10	10	1.232	10	10	3.42 No	1.232 Thermal Discharging
SLP077	267	'55556588_/55556550_1'		3.4	10	10	1.232	10	10	3.42 No	1.232 Thermal Discharging
SLP077	268	'8305860_/8305858'		2.13	6.67	6.67	0.824	1	6.67	2.28 No	0.824 Thermal Discharging
SLP077	269	'4876182_/4876179'		1.07	3.33	3.33	0.408	0.5	3.33	1.14 No	0.408 Thermal Discharging
SLP077	270	'465053565_/55556718_1'		1.13	3.33	3.33	0.408	0.5	3.33	1.14 No	0.408 Thermal Discharging
SLP077	271	'465053556_/4873672_2'		3.3	10	10	1.232	3.2	10	3.42 No	1.232 Thermal Discharging
SLP077	272	'436064068_/436064065'		3.33	3.33	3.33	0.408	0.5	3.33	1.14 No	0.408 Thermal Discharging
SLP077	273	'43593687_/4873238'		1.17	3.33	3.33	0.408	1.1	3.33	1.14 No	0.408 Thermal Discharging
SLP077	274	'43593459_/4876218'		1.03	3.33	3.33	0.408	0.5	3.33	1.14 No	0.408 Thermal Discharging
SLP077	275	'4876195_/4876192'		1.03	3.33	3.33	0.408	0.5	3.33	1.14 No	0.408 Thermal Discharging
SLP077	276	'4877347_/4880849_2'		3.33	3.33	3.33	0.408	0.5	3.33	1.14 No	0.408 Thermal Discharging
SLP077	277	'4873241_/4876419_1'		1.17	3.33	3.33	0.408	0.5	3.33	1.14 No	0.408 Thermal Discharging
SLP077	278	'7990992_/8932751_1'		3.1	10	10	1.232	1.5	10	3.42 No	1.232 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SLP077	279	'4876370_/_4876367_2'		1.23	3.33	3.33	0.408	0.5	3.33	1.14 No	0.408 Thermal Discharging
SLP077	280	'43593654_/_4873225'		1.13	3.33	3.33	0.408	1.1	3.33	1.14 No	0.408 Thermal Discharging
SLP077	281	'4870777_/_4870787'		0.8	3.33	3.33	0.408	0.2	3.33	1.14 No	0.2 Element Fault
SLP077	282	'4874474_/_4874471'		2.13	3.33	3.33	0.408	1	3.33	1.14 No	0.408 Thermal Discharging
SLP077	283	'55556471_/_55556550_2'		3.2	10	10	1.232	10	10	3.42 No	1.232 Thermal Discharging
SLP077	284	'404167899_/_55556469'		3.2	10	10	1.232	10	10	3.42 No	1.232 Thermal Discharging
SLP077	285	'55556459_/_55556463'		3.2	10	10	1.232	10	10	3.42 No	1.232 Thermal Discharging
SLP077	286	'55556483_/_55556487'		3.2	10	10	1.232	4.9	10	3.42 No	1.232 Thermal Discharging
SLP077	287	'55556495_/_55556493'		3.2	10	10	1.232	4.9	10	3.42 No	1.232 Thermal Discharging
SLP077	288	'114657510_/_55556912_2'		3.1	10	10	1.232	10	10	3.42 No	1.232 Thermal Discharging
SLP077	289	'4890831_/_55556912_1'		3.1	10	10	1.232	10	10	3.42 No	1.232 Thermal Discharging
SLP077	290	'55556252_/_4876406_2'		1.13	3.33	3.33	0.408	1.1	3.33	1.14 No	0.408 Thermal Discharging
SLP077	291	'43593376_/_4870155'		2.6	10	10	1.232	1.5	10	3.42 No	1.232 Thermal Discharging
SLP077	292	'4876140_/_43593426'		1.5	3.33	3.33	0.408	0.5	3.33	1.14 No	0.408 Thermal Discharging
SLP077	293	'55556839_/_55556718_2'		1.13	3.33	3.33	0.408	0.5	3.33	1.14 No	0.408 Thermal Discharging
SLP077	294	'4890881_/_4890828_2'		3.1	10	10	1.232	10	10	3.42 No	1.232 Thermal Discharging
SLP077	295	'4889393_/_43599347'		0.77	3.33	3.33	0.408	0.5	3.33	1.14 No	0.408 Thermal Discharging
SLP077	296	'452289948_/_452289773_1'		3.1	10	10	1.232	1.5	10	3.42 No	1.232 Thermal Discharging
SLP077	297	'55557040_/_55557008'		3	10	10	1.232	4.9	10	3.42 No	1.232 Thermal Discharging
SLP077	298	'4876344_/_4876354_1'		1.27	3.33	3.33	0.408	0.5	3.33	1.14 No	0.408 Thermal Discharging
SLP077	299	'7354025_/_7354022'		2.7	10	10	1.232	1.5	10	3.42 No	1.232 Thermal Discharging
SLP077	300	'4860171_/_55556718_3'		1.17	3.33	3.33	0.408	0.5	3.33	1.14 No	0.408 Thermal Discharging
SLP077	301	'4890830_/_4890828_1'		3.1	10	10	1.232	10	10	3.42 No	1.232 Thermal Discharging
SLP077	302	'104779512_/_111094502_2'		3	10	10	1.232	4.9	10	3.42 No	1.232 Thermal Discharging
SLP077	303	'4860120_/_4873672_1'		2.9	10	10	1.232	2.3	10	3.42 No	1.232 Thermal Discharging
SLP077	304	'8615775_/_8615792_1'		3.1	10	10	1.232	1.8	10	3.42 No	1.232 Thermal Discharging
SLP077	305	'392494910_/_392494900'		3.33	3.33	3.33	0.408	0.5	3.33	1.14 No	0.408 Thermal Discharging
SLP077	306	'111094428_/_111094502_1'		3	10	10	1.232	1.7	10	3.42 No	1.232 Thermal Discharging
SLP077	307	'397053162_/_392494928_1'		3.33	3.33	3.33	0.408	0.3	3.33	1.14 No	0.3 Element Fault
SLP077	308	'55556866_/_55556790_1'		1.17	3.33	3.33	0.408	0.5	3.33	1.14 No	0.408 Thermal Discharging
SLP077	309	'4876262_/_4876260'		0.93	3.33	3.33	0.408	0.5	3.33	1.14 No	0.408 Thermal Discharging
SLP077	310	'8615795_/_8615792_2'		3.1	10	10	1.232	1.8	10	3.42 No	1.232 Thermal Discharging
SLP077	311	'4877348_/_4877345'		3.33	3.33	3.33	0.408	0.5	3.33	1.14 No	0.408 Thermal Discharging
SLP077	312	'4876396_/_4876406_1'		1.17	3.33	3.33	0.408	0.5	3.33	1.14 No	0.408 Thermal Discharging
SLP077	313	'7354083_/_7354080_2'		0.97	3.33	3.33	0.408	0.77	3.33	1.14 No	0.408 Thermal Discharging
SLP077	314	'4860172_/_4873140_1'		1.17	3.33	3.33	0.408	0.3	3.33	1.14 No	0.3 Element Fault
SLP077	315	'4877318_/_386371112'		3.33	3.33	3.33	0.408	0.5	3.33	1.14 No	0.408 Thermal Discharging
SLP077	316	'4890647_/_4890845'		3	10	10	1.232	10	10	3.42 No	1.232 Thermal Discharging
SLP077	317	'43593464_/_43593461'		0.93	3.33	3.33	0.408	0.5	3.33	1.14 No	0.408 Thermal Discharging
SLP077	318	'386371424_/_4877316_1'		3.33	3.33	3.33	0.408	0.3	3.33	1.14 No	0.3 Element Fault
SLP077	319	'104779588_/_104779597'		2.9	10	10	1.232	1.7	10	3.42 No	1.232 Thermal Discharging
SLP077	320	'4881272_/_392494928_2'		3.33	3.33	3.33	0.408	0.3	3.33	1.14 No	0.3 Element Fault
SLP077	321	'43598654_/_452289773_2'		2.9	10	10	1.232	1.5	10	3.42 No	1.232 Thermal Discharging
SLP077	322	'104779686_/_104779648_2'		2.9	10	10	1.232	1.7	10	3.42 No	1.232 Thermal Discharging
SLP077	323	'4890610_/_4890644'		3	10	10	1.232	10	10	3.42 No	1.232 Thermal Discharging
SLP077	324	'7672257_/_7672255_1'		1	3.33	3.33	0.408	0.5	3.33	1.14 No	0.408 Thermal Discharging
SLP077	325	'452289900_/_452289841_1'		2.9	10	10	1.232	0.9	10	3.42 No	0.9 Element Fault
SLP077	326	'43593698_/_4876419_2'		1.2	3.33	3.33	0.408	0.5	3.33	1.14 No	0.408 Thermal Discharging
SLP077	327	'8305841_/_8932715'		2.7	10	10	1.232	1.5	10	3.42 No	1.232 Thermal Discharging
SLP077	328	'4876383_/_4876380'		1.27	3.33	3.33	0.408	0.5	3.33	1.14 No	0.408 Thermal Discharging
SLP077	329	'43599356_/_43599358'		3	10	10	1.232	10	10	3.42 No	1.232 Thermal Discharging
SLP077	330	'104779481_/_104779648_1'		2.8	10	10	1.232	0.9	10	3.42 No	0.9 Element Fault
SLP077	331	'9250134_/_9250131'		1.17	3.33	3.33	0.408	1.4	3.33	1.14 No	0.408 Thermal Discharging
SLP077	332	'8306957_/_9250893_1'		1	3.33	3.33	0.408	0.5	3.33	1.14 No	0.408 Thermal Discharging
SLP077	333	'452289822_/_452289841_2'		2.8	10	10	1.232	0.9	10	3.42 No	0.9 Element Fault
SLP077	334	'4876289_/_4876286'		0.87	3.33	3.33	0.408	0.5	3.33	1.14 No	0.408 Thermal Discharging
SLP077	335	'8615815_/_9561630'		2.9	10	10	1.232	1.8	10	3.42 No	1.232 Thermal Discharging
SLP077	336	'71279483_/_71279494'		0.8	3.33	3.33	0.408	1.4	3.33	1.14 No	0.408 Thermal Discharging
SLP077	337	'111094569_/_111094580'		2.7	10	10	1.232	0.9	10	3.42 No	0.9 Element Fault
SLP077	338	'4876447_/_4876907'		2.7	10	10	1.232	1.7	10	3.42 No	1.232 Thermal Discharging
SLP077	339	'87260384_/_71279511_1'		0.77	3.33	3.33	0.408	0.5	3.33	1.14 No	0.408 Thermal Discharging
SLP077	340	'4870764_/_4870774'		0.7	3.33	3.33	0.408	0.2	3.33	1.14 No	0.2 Element Fault
SLP077	341	'4874487_/_4874484'		1.73	3.33	3.33	0.408	0.9	3.33	1.14 No	0.408 Thermal Discharging
SLP077	342	'7991008_/_8614636'		2.4	10	10	1.232	1.5	10	3.42 No	1.232 Thermal Discharging
SLP077	343	'92327394_/_111094598'		2.7	10	10	1.232	0.9	10	3.42 No	0.9 Element Fault
SLP077	344	'4875596_/_4875610'		2.3	10	10	1.232	1.5	10	3.42 No	1.232 Thermal Discharging
SLP077	345	'4874874_/_43598538'		0.7	3.33	3.33	0.408	0.2	3.33	1.14 No	0.2 Element Fault
SLP077	346	'7354082_/_7354080_1'		0.97	3.33	3.33	0.408	0.5	3.33	1.14 No	0.408 Thermal Discharging
SLP077	347	'43593643_/_55556790_2'		1.17	3.33	3.33	0.408	0.5	3.33	1.14 No	0.408 Thermal Discharging
SLP077	348	'4877319_/_4877316_2'		3.33	3.33	3.33	0.408	0.3	3.33	1.14 No	0.3 Element Fault
SLP077	349	'43592685_/_4877358'		3.33	3.33	3.33	0.408	0.5	3.33	1.14 No	0.408 Thermal Discharging
SLP077	350	'43592614_/_4870813'		0.7	3.33	3.33	0.408	0.9	3.33	1.14 No	0.408 Thermal Discharging
SLP077	351	'8306972_/_9250893_2'		1	3.33	3.33	0.408	0.5	3.33	1.14 No	0.408 Thermal Discharging
SLP077	352	'4876481_/_4876479'		2.6	10	10	1.232	1.7	10	3.42 No	1.232 Thermal Discharging
SLP077	353	'4876857_/_4877197_1'		1.17	3.33	3.33	0.408	0.5	3.33	1.14 No	0.408 Thermal Discharging
SLP077	354	'43592566_/_4860118'		2.5	10	10	1.232	2.3	10	3.42 No	1.232 Thermal Discharging
SLP077	355	'7354099_/_8305838'		2.5	10	10	1.232	1.5	10	3.42 No	1.232 Thermal Discharging
SLP077	356	'43599380_/_4890773'		1.27	3.33	3.33	0.408	0.5	3.33	1.14 No	0.408 Thermal Discharging
SLP077	357	'43593665_/_43593667'		1.17	3.33	3.33	0.408	0.5	3.33	1.14 No	0.408 Thermal Discharging
SLP077	358	'4875629_/_4875627'		2.2	10	10	1.232	1.5	10	3.42 No	1.232 Thermal Discharging
SLP077	359	'678706244_/_678706086_1'		2.2	10	10	1.232	0.9	10	3.42 No	0.9 Element Fault
SLP077	360	'7672274_/_8615812'		2.6	10	10	1.232	1.8	10	3.42 No	1.232 Thermal Discharging
SLP077	361	'7672258_/_7672255_2'		1.03	3.33	3.33	0.408	0.5	3.33	1.14 No	0.408 Thermal Discharging
SLP077	362	'43592592_/_4873140_2'		1.17	3.33	3.33	0.408	0.3	3.33	1.14 No	0.3 Element Fault
SLP077	363	'4874428_/_4874425_2'		1.63	3.33	3.33	0.408	0.9	3.33	1.14 No	0.408 Thermal Discharging
SLP077	364	'4876448_/_4876445'		2.5	10	10	1.232	1.7	10	3.42 No	1.232 Thermal Discharging
SLP077	365	'4874513_/_4874523_1'		1.6	3.33	3.33	0.408	0.2	3.33	1.14 No	0.2 Element Fault
SLP077	366	'4876302_/_4876299'		0.8	3.33	3.33	0.408	0.5	3.33	1.14 No	0.408 Thermal Discharging
SLP077	367	'8616091_/_678706086_2'		2.1	10	10	1.232	0.9	10	3.42 No	0.9 Element Fault
SLP077	368	'4876331_/_4876341'		1.3	3.33	3.33	0.408	0.5	3.33	1.14 No	0.408 Thermal Discharging
SLP077	369	'55557072_/_55557042'		1.67	6.67	6.67	0.824	3.27	6.67	2.28 No	0.824 Thermal Discharging
SLP077	370	'7166770_/_7166767'		2.4	10	10	1.232	1.7	10	3.42 No	1.232 Thermal Discharging
SLP077	371	'9075010_/_9075027_1'		2.4	10	10	1.232	0.9	10	3.42 No	0.9 Element Fault
SLP077	372	'57479486_/_55557074'		2.5	10	10	1.232	4.9	10	3.42 No	1.232 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SLP077	373	'8306973_/_8306970'	1.03	3.33	3.33	0.408	0.5	3.33	1.14	No	0.408 Thermal Discharging
SLP077	374	'4873254_/_4873251'	1.23	3.33	3.33	0.408	0.5	3.33	1.14	No	0.408 Thermal Discharging
SLP077	375	'7672273_/_7672271'	2.5	10	10	1.232	1.8	10	3.42	No	1.232 Thermal Discharging
SLP077	376	'678706054_/_678706070'	2.1	10	10	1.232	0.9	10	3.42	No	0.9 Element Fault
SLP077	377	'4890882_/_43598656'	1.93	6.67	6.67	0.824	1	6.67	2.28	No	0.824 Thermal Discharging
SLP077	378	'57479543_/_57479550'	2.5	10	10	1.232	4.9	10	3.42	No	1.232 Thermal Discharging
SLP077	379	'43593470_/_43593472'	0.77	3.33	3.33	0.408	0.5	3.33	1.14	No	0.408 Thermal Discharging
SLP077	380	'43592690_/_43592687'	3.33	3.33	3.33	0.408	0.5	3.33	1.14	No	0.408 Thermal Discharging
SLP077	381	'4874901_/_4874898'	0.63	3.33	3.33	0.408	0.2	3.33	1.14	No	0.2 Element Fault
SLP077	382	'4873158_/_43592594'	1.2	3.33	3.33	0.408	0.3	3.33	1.14	No	0.3 Element Fault
SLP077	383	'7354098_/_7354096'	2.3	10	10	1.232	1.5	10	3.42	No	1.232 Thermal Discharging
SLP077	384	'57479573_/_57479604'	2.4	10	10	1.232	4.9	10	3.42	No	1.232 Thermal Discharging
SLP077	385	'4890789_/_4890786'	1.3	3.33	3.33	0.408	0.5	3.33	1.14	No	0.408 Thermal Discharging
SLP077	386	'4874190_/_4877197_2'	1.2	3.33	3.33	0.408	0.5	3.33	1.14	No	0.408 Thermal Discharging
SLP077	387	'43592674_/_4877332'	3.33	3.33	3.33	0.408	0.3	3.33	1.14	No	0.3 Element Fault
SLP077	388	'4875579_/_4875593'	2	10	10	1.232	1.5	10	3.42	No	1.232 Thermal Discharging
SLP077	389	'9250114_/_9250909'	2.4	10	10	1.232	1.8	10	3.42	No	1.232 Thermal Discharging
SLP077	390	'7355368_/_7355366_1'	1.2	3.33	3.33	0.408	0.3	3.33	1.14	No	0.3 Element Fault
SLP077	391	'43598512_/_4870761'	0.63	3.33	3.33	0.408	0.2	3.33	1.14	No	0.2 Element Fault
SLP077	392	'7671540_/_8305908_1'	0.67	3.33	3.33	0.408	0.3	3.33	1.14	No	0.3 Element Fault
SLP077	393	'4874875_/_4874872'	0.63	3.33	3.33	0.408	0.2	3.33	1.14	No	0.2 Element Fault
SLP077	394	'9075030_/_9075027_2'	2.3	10	10	1.232	0.9	10	3.42	No	0.9 Element Fault
SLP077	395	'7355369_/_7355366_2'	1.2	3.33	3.33	0.408	0.3	3.33	1.14	No	0.3 Element Fault
SLP077	396	'4874526_/_4874523_2'	1.47	3.33	3.33	0.408	0.2	3.33	1.14	No	0.2 Element Fault
SLP077	397	'4860138_/_43592568'	2.2	10	10	1.232	2.3	10	3.42	No	1.232 Thermal Discharging
SLP077	398	'4873692_/_4873689'	1.2	3.33	3.33	0.408	0.3	3.33	1.14	No	0.3 Element Fault
SLP077	399	'7990933_/_7991186_1'	2.2	10	10	1.232	1.5	10	3.42	No	1.232 Thermal Discharging
SLP077	400	'55557189_/_57479579'	2.3	10	10	1.232	4.9	10	3.42	No	1.232 Thermal Discharging
SLP077	401	'7354118_/_7354116'	2.3	10	10	1.232	1.5	10	3.42	No	1.232 Thermal Discharging
SLP077	402	'4874021_/_4874034'	1.2	3.33	3.33	0.408	0.5	3.33	1.14	No	0.408 Thermal Discharging
SLP077	403	'43592603_/_4873156'	1.2	3.33	3.33	0.408	0.3	3.33	1.14	No	0.3 Element Fault
SLP077	404	'44710587_/_4890799'	1.33	3.33	3.33	0.408	0.5	3.33	1.14	No	0.408 Thermal Discharging
SLP077	405	'55557157_/_55557191'	1.47	6.67	6.67	0.824	3.27	6.67	2.28	No	0.824 Thermal Discharging
SLP077	406	'4876940_/_4876950'	0.7	3.33	3.33	0.408	0.5	3.33	1.14	No	0.408 Thermal Discharging
SLP077	407	'4873504_/_4876462'	2.2	10	10	1.232	1.7	10	3.42	No	1.232 Thermal Discharging
SLP077	408	'4874415_/_4874425_1'	1.4	3.33	3.33	0.408	0.2	3.33	1.14	No	0.2 Element Fault
SLP077	409	'4860155_/_4860152'	2.1	10	10	1.232	2.3	10	3.42	No	1.232 Thermal Discharging
SLP077	410	'86436893_/_76822698_1'	2.2	10	10	1.232	0.9	10	3.42	No	0.9 Element Fault
SLP077	411	'7671521_/_7671519'	1.53	6.67	6.67	0.824	1	6.67	2.28	No	0.824 Thermal Discharging
SLP077	412	'4880589_/_4880586'	1.2	3.33	3.33	0.408	0.3	3.33	1.14	No	0.3 Element Fault
SLP077	413	'4873475_/_4873473_1'	0.73	3.33	3.33	0.408	0.3	3.33	1.14	No	0.3 Element Fault
SLP077	414	'4874053_/_4874050'	1.27	3.33	3.33	0.408	0.5	3.33	1.14	No	0.408 Thermal Discharging
SLP077	415	'7672238_/_9250111'	2.3	10	10	1.232	1.8	10	3.42	No	1.232 Thermal Discharging
SLP077	416	'4874888_/_4874885'	0.6	3.33	3.33	0.408	0.2	3.33	1.14	No	0.2 Element Fault
SLP077	417	'4870109_/_4875576'	1.9	10	10	1.232	1.5	10	3.42	No	1.232 Thermal Discharging
SLP077	418	'444606473_/_444606477'	2.2	10	10	1.232	1.8	10	3.42	No	1.232 Thermal Discharging
SLP077	419	'8439573_/_9390602_1'	1.9	10	10	1.232	0.9	10	3.42	No	0.9 Element Fault
SLP077	420	'4870383_/_4870800'	0.6	3.33	3.33	0.408	0.9	3.33	1.14	No	0.408 Thermal Discharging
SLP077	421	'4877335_/_43592676'	3.33	3.33	3.33	0.408	0.3	3.33	1.14	No	0.3 Element Fault
SLP077	422	'444606517_/_444606562'	2.2	10	10	1.232	1.8	10	3.42	No	1.232 Thermal Discharging
SLP077	423	'4876979_/_4876976'	0.67	3.33	3.33	0.408	0.5	3.33	1.14	No	0.408 Thermal Discharging
SLP077	424	'76822734_/_76822698_2'	2.1	10	10	1.232	0.9	10	3.42	No	0.9 Element Fault
SLP077	425	'444606429_/_444606536'	2.2	10	10	1.232	1.8	10	3.42	No	1.232 Thermal Discharging
SLP077	426	'76822788_/_76822799'	2.1	10	10	1.232	0.9	10	3.42	No	0.9 Element Fault
SLP077	427	'7990857_/_7990854'	2.2	10	10	1.232	1.5	10	3.42	No	1.232 Thermal Discharging
SLP077	428	'4870276_/_4870273_2'	0.57	3.33	3.33	0.408	0.9	3.33	1.14	No	0.408 Thermal Discharging
SLP077	429	'7672480_/_7672477'	1.23	3.33	3.33	0.408	0.3	3.33	1.14	No	0.3 Element Fault
SLP077	430	'4880526_/_4880523'	1.23	3.33	3.33	0.408	0.3	3.33	1.14	No	0.3 Element Fault
SLP077	431	'43599404_/_4874188'	1.23	3.33	3.33	0.408	0.5	3.33	1.14	No	0.408 Thermal Discharging
SLP077	432	'43594035_/_4873473_2'	0.73	3.33	3.33	0.408	0.3	3.33	1.14	No	0.3 Element Fault
SLP077	433	'43593608_/_43593610'	1.37	3.33	3.33	0.408	0.5	3.33	1.14	No	0.408 Thermal Discharging
SLP077	434	'4870315_/_4870312_2'	0.57	3.33	3.33	0.408	0.9	3.33	1.14	No	0.408 Thermal Discharging
SLP077	435	'55557301_/_55557159_1'	2.1	10	10	1.232	1.7	10	3.42	No	1.232 Thermal Discharging
SLP077	436	'76822742_/_76822823'	2	10	10	1.232	0.9	10	3.42	No	0.9 Element Fault
SLP077	437	'4880602_/_4880599'	1.23	3.33	3.33	0.408	0.3	3.33	1.14	No	0.3 Element Fault
SLP077	438	'55556349_/_55557159_2'	2.1	10	10	1.232	1.7	10	3.42	No	1.232 Thermal Discharging
SLP077	439	'7990893_/_7990890'	2.3	10	10	1.232	1.5	10	3.42	No	1.232 Thermal Discharging
SLP077	440	'43593481_/_4876989'	0.67	3.33	3.33	0.408	0.5	3.33	1.14	No	0.408 Thermal Discharging
SLP077	441	'8305783_/_9250057_1'	1.7	10	10	1.232	1.5	10	3.42	No	1.232 Thermal Discharging
SLP077	442	'4874066_/_4874063'	1.3	3.33	3.33	0.408	0.5	3.33	1.14	No	0.408 Thermal Discharging
SLP077	443	'7672218_/_7672235'	2.1	10	10	1.232	1.8	10	3.42	No	1.232 Thermal Discharging
SLP077	444	'4874914_/_4874911'	0.57	3.33	3.33	0.408	0.2	3.33	1.14	No	0.2 Element Fault
SLP077	445	'43592579_/_4880549'	1.9	10	10	1.232	2.3	10	3.42	No	1.232 Thermal Discharging
SLP077	446	'7672198_/_7672215'	2.1	10	10	1.232	1.8	10	3.42	No	1.232 Thermal Discharging
SLP077	447	'9390605_/_9390602_2'	1.8	10	10	1.232	0.9	10	3.42	No	0.9 Element Fault
SLP077	448	'4873334_/_4873331'	2.1	10	10	1.232	1.7	10	3.42	No	1.232 Thermal Discharging
SLP077	449	'4874539_/_4874536'	1.27	3.33	3.33	0.408	0.2	3.33	1.14	No	0.2 Element Fault
SLP077	450	'8305911_/_8305908_2'	0.67	3.33	3.33	0.408	0.3	3.33	1.14	No	0.3 Element Fault
SLP077	451	'4876927_/_4876937'	0.63	3.33	3.33	0.408	0.5	3.33	1.14	No	0.408 Thermal Discharging
SLP077	452	'4873492_/_4873489'	0.73	3.33	3.33	0.408	0.3	3.33	1.14	No	0.3 Element Fault
SLP077	453	'43593486_/_43593483'	0.63	3.33	3.33	0.408	0.5	3.33	1.14	No	0.408 Thermal Discharging
SLP077	454	'73440327_/_73440334'	1.9	10	10	1.232	0.9	10	3.42	No	0.9 Element Fault
SLP077	455	'7990913_/_7990910'	2	10	10	1.232	1.5	10	3.42	No	1.232 Thermal Discharging
SLP077	456	'7672197_/_7672195'	2	10	10	1.232	1.8	10	3.42	No	1.232 Thermal Discharging
SLP077	457	'4873704_/_4880536'	1.23	3.33	3.33	0.408	0.3	3.33	1.14	No	0.3 Element Fault
SLP077	458	'53168703_/_53168705'	2	10	10	1.232	1.8	10	3.42	No	1.232 Thermal Discharging
SLP077	459	'4874148_/_4874175'	1.27	3.33	3.33	0.408	0.5	3.33	1.14	No	0.408 Thermal Discharging
SLP077	460	'4874020_/_43593678'	1.27	3.33	3.33	0.408	0.5	3.33	1.14	No	0.408 Thermal Discharging
SLP077	461	'53168806_/_53168834'	2	10	10	1.232	1.8	10	3.42	No	1.232 Thermal Discharging
SLP077	462	'53168793_/_53168797'	1.1	5.8	10	1.232	1.8	10	3.42	No	1.1 Primary Over-Voltage
SLP077	463	'53168770_/_53168767'	1.1	5.8	10	1.232	1.8	10	3.42	No	1.1 Primary Over-Voltage
SLP077	464	'43593363_/_4870106'	1.7	10	10	1.232	1.5	10	3.42	No	1.232 Thermal Discharging
SLP077	465	'4873351_/_4873348'	2	10	10	1.232	1.7	10	3.42	No	1.232 Thermal Discharging
SLP077	466	'4890978_/_4890988'	0.53	3.33	3.33	0.408	0.2	3.33	1.14	No	0.2 Element Fault

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
											VSR (MW)	Limiting Threshold
SLP077	467	'416898834_/_391944667_1'		2	10	10	1.232	1.5	10	3.42 No	1.232	Thermal Discharging
SLP077	468	'4874402_/_4874412'		1.2	3.33	3.33	0.408	0.2	3.33	1.14 No	0.2	Element Fault
SLP077	469	'4874098_/_43593711'		1.33	3.33	3.33	0.408	0.5	3.33	1.14 No	0.408	Thermal Discharging
SLP077	470	'4873368_/_4873365'		1.9	10	10	1.232	1.7	10	3.42 No	1.232	Thermal Discharging
SLP077	471	'4880552_/_43592581'		1.7	10	10	1.232	1.5	10	3.42 No	1.232	Thermal Discharging
SLP077	472	'4873568_/_4873565'		0.73	3.33	3.33	0.408	0.3	3.33	1.14 No	0.3	Element Fault
SLP077	473	'4876317_/_4876315'		1.4	3.33	3.33	0.408	0.5	3.33	1.14 No	0.408	Thermal Discharging
SLP077	474	'43594119_/_4873539'		0.73	3.33	3.33	0.408	0.3	3.33	1.14 No	0.3	Element Fault
SLP077	475	'53168734_/_53168859'		1.1	5.8	10	1.232	1.8	10	3.42 No	1.1	Primary Over-Voltage
SLP077	476	'8305820_/_8305818'		1.8	10	10	1.232	1.5	10	3.42 No	1.232	Thermal Discharging
SLP077	477	'144760149_/_4873402_1'		1.9	10	10	1.232	1.7	10	3.42 No	1.232	Thermal Discharging
SLP077	478	'4870263_/_4870273_1'		0.5	3.27	3.33	0.408	0.2	3.33	1.14 No	0.2	Element Fault
SLP077	479	'4870302_/_4870312_1'		0.5	3.27	3.33	0.408	0.2	3.33	1.14 No	0.2	Element Fault
SLP077	480	'391944614_/_391944667_2'		1.9	10	10	1.232	1.5	10	3.42 No	1.232	Thermal Discharging
SLP077	481	'142325007_/_133968831_2'		1.9	10	10	1.232	1.7	10	3.42 No	1.232	Thermal Discharging
SLP077	482	'7354063_/_7354060'		1.7	10	10	1.232	1.5	10	3.42 No	1.232	Thermal Discharging
SLP077	483	'4873405_/_4873402_2'		1.9	10	10	1.232	1.7	10	3.42 No	1.232	Thermal Discharging
SLP077	484	'8933648_/_9250857'		1.1	5.8	10	1.232	1.8	10	3.42 No	1.1	Primary Over-Voltage
SLP077	485	'7354045_/_8932695'		1.8	10	10	1.232	1.5	10	3.42 No	1.232	Thermal Discharging
SLP077	486	'4873705_/_4873702'		1.27	3.33	3.33	0.408	0.3	3.33	1.14 No	0.3	Element Fault
SLP077	487	'4874149_/_4874146'		1.27	3.33	3.33	0.408	0.5	3.33	1.14 No	0.408	Thermal Discharging
SLP077	488	'133968813_/_133968831_1'		1.8	10	10	1.232	1.6	10	3.42 No	1.232	Thermal Discharging
SLP077	489	'43593492_/_4876924'		0.57	3.33	3.33	0.408	0.5	3.33	1.14 No	0.408	Thermal Discharging
SLP077	490	'474759698_/_4869276_2'		1.5	10	10	1.232	1.5	10	3.42 No	1.232	Thermal Discharging
SLP077	491	'4869278_/_4869276_1'		1.5	10	10	1.232	1.5	10	3.42 No	1.232	Thermal Discharging
SLP077	492	'43593998_/_4873456'		1.8	10	10	1.232	1.7	10	3.42 No	1.232	Thermal Discharging
SLP077	493	'4873581_/_4873578'		0.73	3.33	3.33	0.408	0.3	3.33	1.14 No	0.3	Element Fault
SLP077	494	'4873459_/_7990970_1'		1.8	10	10	1.232	0.9	10	3.42 No	0.9	Element Fault
SLP077	495	'51300655_/_7990970_2'		1.8	10	10	1.232	0.9	10	3.42 No	0.9	Element Fault
SLP077	496	'4880761_/_43594121'		0.73	3.33	3.33	0.408	0.3	3.33	1.14 No	0.3	Element Fault
SLP077	497	'51300691_/_51300698'		1.8	10	10	1.232	0.9	10	3.42 No	0.9	Element Fault
SLP077	498	'4874389_/_4874399'		1.07	2.97	3.33	0.408	0.2	3.33	1.14 No	0.2	Element Fault
SLP077	499	'4873425_/_4873422'		1.7	10	10	1.232	1.7	10	3.42 No	1.232	Thermal Discharging
SLP077	500	'4877024_/_4877034'		1.43	3.33	3.33	0.408	0.5	3.33	1.14 No	0.408	Thermal Discharging
SLP077	501	'4874625_/_4874635'		1.07	2.9	3.33	0.408	0.2	3.33	1.14 No	0.2	Element Fault
SLP077	502	'7354044_/_7354042'		1.07	6.67	6.67	0.824	1	6.67	2.28 No	0.824	Thermal Discharging
SLP077	503	'7991189_/_7991186_2'		1.6	10	10	1.232	1.5	10	3.42 No	1.232	Thermal Discharging
SLP077	504	'7671485_/_7671483'		1.6	10	10	1.232	1.5	10	3.42 No	1.232	Thermal Discharging
SLP077	505	'4874165_/_4874162'		1.33	3.33	3.33	0.408	0.5	3.33	1.14 No	0.408	Thermal Discharging
SLP077	506	'4888394_/_4890975'		0.47	2.83	3.33	0.408	0.2	3.33	1.14 No	0.2	Element Fault
SLP077	507	'4873554_/_4880774'		0.73	3.33	3.33	0.408	0.3	3.33	1.14 No	0.3	Element Fault
SLP077	508	'7990993_/_7990990'		3.33	3.33	3.33	0.408	0.5	3.33	1.14 No	0.408	Thermal Discharging
SLP077	509	'4873442_/_4873439'		1.7	10	10	1.232	1.7	10	3.42 No	1.232	Thermal Discharging
SLP077	510	'4873594_/_4873591'		0.73	3.33	3.33	0.408	0.3	3.33	1.14 No	0.3	Element Fault
SLP077	511	'397391931_/_4873604'		0.73	3.33	3.33	0.408	0.3	3.33	1.14 No	0.3	Element Fault
SLP077	512	'397391881_/_397391889'		0.73	3.33	3.33	0.408	0.3	3.33	1.14 No	0.3	Element Fault
SLP077	513	'55557106_/_55557113'		3.33	3.33	3.33	0.408	1.5	3.33	1.14 No	0.408	Thermal Discharging
SLP077	514	'4873645_/_43594088'		0.73	3.33	3.33	0.408	0.3	3.33	1.14 No	0.3	Element Fault
SLP077	515	'4873607_/_397391939'		0.73	3.33	3.33	0.408	0.3	3.33	1.14 No	0.3	Element Fault
SLP077	516	'43592746_/_43592748'		1	2.7	3.33	0.408	0.2	3.33	1.14 No	0.2	Element Fault
SLP077	517	'43592450_/_43592452'		0.47	2.7	3.33	0.408	0.2	3.33	1.14 No	0.2	Element Fault
SLP077	518	'43593491_/_4873992'		0.5	3.33	3.33	0.408	0.5	3.33	1.14 No	0.408	Thermal Discharging
SLP077	519	'4873555_/_4873552'		0.73	3.33	3.33	0.408	0.3	3.33	1.14 No	0.3	Element Fault
SLP077	520	'4870262_/_4870260'		0.43	2.67	3.33	0.408	0.2	3.33	1.14 No	0.2	Element Fault
SLP077	521	'4877008_/_4877021'		1.47	3.03	3.33	0.408	0.5	3.33	1.14 No	0.408	Thermal Discharging
SLP077	522	'43593985_/_4874079'		1.6	10	10	1.232	1.7	10	3.42 No	1.232	Thermal Discharging
SLP077	523	'4873620_/_4873617'		0.73	3.33	3.33	0.408	0.3	3.33	1.14 No	0.3	Element Fault
SLP077	524	'4874651_/_4874648'		0.97	2.6	3.33	0.408	0.2	3.33	1.14 No	0.2	Element Fault
SLP077	525	'4874376_/_4874386'		0.97	2.57	3.33	0.408	0.2	3.33	1.14 No	0.2	Element Fault
SLP077	526	'4874596_/_4874606'		0.97	2.57	3.33	0.408	0.2	3.33	1.14 No	0.2	Element Fault
SLP077	527	'4880618_/_43594110'		0.73	3.33	3.33	0.408	0.3	3.33	1.14 No	0.3	Element Fault
SLP077	528	'4874781_/_4874778'		0.93	2.53	3.33	0.408	0.2	3.33	1.14 No	0.2	Element Fault
SLP077	529	'4874082_/_43593987'		1.5	9	10	1.232	1.7	10	3.42 No	1.232	Thermal Discharging
SLP077	530	'7991025_/_9560898_1'		1.5	9	10	1.232	1.5	10	3.42 No	1.232	Thermal Discharging
SLP077	531	'43593586_/_43593588'		1.37	2.77	3.33	0.408	0.5	3.33	1.14 No	0.408	Thermal Discharging
SLP077	532	'44334901_/_9560898_2'		1.5	8.8	10	1.232	1.5	10	3.42 No	1.232	Thermal Discharging
SLP077	533	'55557223_/_55557230'		3.33	3.33	3.33	0.408	1.5	3.33	1.14 No	0.408	Thermal Discharging
SLP077	534	'4874583_/_4874593'		0.93	2.47	3.33	0.408	0.2	3.33	1.14 No	0.2	Element Fault
SLP077	535	'43594130_/_4873630'		0.73	3.07	3.33	0.408	0.3	3.33	1.14 No	0.3	Element Fault
SLP077	536	'4888393_/_4888391'		0.4	2.43	3.33	0.408	0.2	3.33	1.14 No	0.2	Element Fault
SLP077	537	'4875839_/_4875849'		0.4	2.4	3.33	0.408	0.2	3.33	1.14 No	0.2	Element Fault
SLP077	538	'7991009_/_7991006'		3.33	3.33	3.33	0.408	0.5	3.33	1.14 No	0.408	Thermal Discharging
SLP077	539	'43592555_/_4874373'		0.9	2.37	3.33	0.408	0.2	3.33	1.14 No	0.2	Element Fault
SLP077	540	'4880707_/_4880725'		1.5	8.3	10	1.232	1.7	10	3.42 No	1.232	Thermal Discharging
SLP077	541	'8614819_/_8614816_2'		1.5	8.3	10	1.232	1.7	10	3.42 No	1.232	Thermal Discharging
SLP077	542	'4880631_/_4880628'		0.73	2.87	3.33	0.408	0.3	3.33	1.14 No	0.3	Element Fault
SLP077	543	'4874570_/_4874580'		0.9	2.37	3.33	0.408	0.2	3.33	1.14 No	0.2	Element Fault
SLP077	544	'44961353_/_4874005'		1.3	2.6	3.33	0.408	0.5	3.33	1.14 No	0.408	Thermal Discharging
SLP077	545	'7990856_/_8305876'		3.33	3.33	3.33	0.408	0.5	3.33	1.14 No	0.408	Thermal Discharging
SLP077	546	'8614818_/_8614816_1'		1.4	8	10	1.232	1.5	10	3.42 No	1.232	Thermal Discharging
SLP077	547	'4874794_/_4874791'		0.87	2.3	3.33	0.408	0.2	3.33	1.14 No	0.2	Element Fault
SLP077	548	'43599216_/_4888438'		0.4	2.27	3.33	0.408	0.2	3.33	1.14 No	0.2	Element Fault
SLP077	549	'43592406_/_43592408'		0.4	2.27	3.33	0.408	0.2	3.33	1.14 No	0.2	Element Fault
SLP077	550	'4875826_/_4875836'		0.4	2.27	3.33	0.408	0.2	3.33	1.14 No	0.2	Element Fault
SLP077	551	'4883356_/_4883353'		0.87	2.27	3.33	0.408	0.2	3.33	1.14 No	0.2	Element Fault
SLP077	552	'43597980_/_4880641'		0.73	2.73	3.33	0.408	0.3	3.33	1.14 No	0.3	Element Fault
SLP077	553	'4874663_/_4874661_1'		0.83	2.23	3.33	0.408	0.1	3.33	1.14 No	0.1	Element Fault
SLP077	554	'7354139_/_7354136'		3.33	3.33	3.33	0.408	0.5	3.33	1.14 No	0.408	Thermal Discharging
SLP077	555	'7354119_/_8614672'		3.33	3.33	3.33	0.408	0.5	3.33	1.14 No	0.408	Thermal Discharging
SLP077	556	'43594011_/_4880705'		1.4	7.7	10	1.232	1.7	10	3.42 No	1.232	Thermal Discharging
SLP077	557	'7671505_/_7671503'		3.33	3.33	3.33	0.408	0.5	3.33	1.14 No	0.408	Thermal Discharging
SLP077	558	'4874569_/_4874567'		0.83	2.23	3.33	0.408	0.2	3.33	1.14 No	0.2	Element Fault
SLP077	559	'4874664_/_4874661_2'		0.83	2.2	3.33	0.408	0.1	3.33	1.14 No	0.1	Element Fault
SLP077	560	'7990877_/_7990874'		3.33	3.33	3.33	0.408					

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
											VSR (MW)	Limiting Threshold
SLP077	561	'43597985_/_43597982'		0.77	2.57	3.33	0.408	0.3	3.33	1.14 No	0.3	Element Fault
SLP077	562	'4874350_/_4874360'		0.83	2.13	3.33	0.408	0.2	3.33	1.14 No	0.2	Element Fault
SLP077	563	'4874978_/_4874976'		0.83	2.2	3.33	0.408	0.2	3.33	1.14 No	0.2	Element Fault
SLP077	564	'4880708_/_43594013'		1.3	7.2	10	1.232	1.5	10	3.42 No	1.232	Thermal Discharging
SLP077	565	'4870408_/_4880745'		0.8	2.13	3.33	0.408	0.2	3.33	1.14 No	0.2	Element Fault
SLP077	566	'43599204_/_43599206'		0.37	2.1	3.33	0.408	0.2	3.33	1.14 No	0.2	Element Fault
SLP077	567	'9560881_/_9560878'		1.3	7.1	10	1.232	1.5	10	3.42 No	1.232	Thermal Discharging
SLP077	568	'43592783_/_4874674'		0.8	2.1	3.33	0.408	0.1	3.33	1.14 No	0.1	Element Fault
SLP077	569	'4870409_/_4870406'		0.8	2.1	3.33	0.408	0.2	3.33	1.14 No	0.2	Element Fault
SLP077	570	'43592439_/_43592441'		0.37	2.03	3.33	0.408	0.2	3.33	1.14 No	0.2	Element Fault
SLP077	571	'4874337_/_4874347'		0.77	2	3.33	0.408	0.2	3.33	1.14 No	0.2	Element Fault
SLP077	572	'4874690_/_43592785'		0.77	2	3.33	0.408	0.1	3.33	1.14 No	0.1	Element Fault
SLP077	573	'4888381_/_4888451'		0.33	1.97	3.33	0.408	0.2	3.33	1.14 No	0.2	Element Fault
SLP077	574	'43592395_/_4870286'		0.33	1.93	3.33	0.408	0.2	3.33	1.14 No	0.2	Element Fault
SLP077	575	'43592805_/_4880470'		0.73	1.97	3.33	0.408	0.2	3.33	1.14 No	0.2	Element Fault
SLP077	576	'4875800_/_4875810'		0.33	1.9	3.33	0.408	0.2	3.33	1.14 No	0.2	Element Fault
SLP077	577	'4874703_/_4874700'		0.73	1.9	3.33	0.408	0.1	3.33	1.14 No	0.1	Element Fault
SLP077	578	'53168782_/_53168884'		1.2	6.2	10	1.232	1.5	10	3.42 No	1.2	Primary Over-Voltage
SLP077	579	'53168769_/_53168779'		1.2	6.3	10	1.232	1.8	10	3.42 No	1.2	Primary Over-Voltage
SLP077	580	'4874324_/_4874334'		0.7	1.83	3.33	0.408	0.2	3.33	1.14 No	0.2	Element Fault
SLP077	581	'7991045_/_7991042_2'		0.7	1.83	3.33	0.408	0.2	3.33	1.14 No	0.2	Element Fault
SLP077	582	'4874716_/_4874713'		0.7	1.87	3.33	0.408	0.1	3.33	1.14 No	0.1	Element Fault
SLP077	583	'9560848_/_9560846'		0.63	3.33	3.33	0.408	0.5	3.33	1.14 No	0.408	Thermal Discharging
SLP077	584	'4880473_/_43592807'		0.7	1.87	3.33	0.408	0.2	3.33	1.14 No	0.2	Element Fault
SLP077	585	'4888380_/_4888378'		0.33	1.8	3.33	0.408	0.2	3.33	1.14 No	0.2	Element Fault
SLP077	586	'4874311_/_4874321'		0.7	1.77	3.33	0.408	0.2	3.33	1.14 No	0.2	Element Fault
SLP077	587	'4875787_/_4875797'		0.33	1.77	3.33	0.408	0.2	3.33	1.14 No	0.2	Element Fault
SLP077	588	'43592794_/_4874726'		0.7	1.8	3.33	0.408	0.1	3.33	1.14 No	0.1	Element Fault
SLP077	589	'4870250_/_4870419'		0.3	1.73	3.33	0.408	0.2	3.33	1.14 No	0.2	Element Fault
SLP077	590	'4874742_/_43592796'		0.67	1.77	3.33	0.408	0.1	3.33	1.14 No	0.1	Element Fault
SLP077	591	'4874755_/_4874752'		0.67	1.73	3.33	0.408	0.1	3.33	1.14 No	0.1	Element Fault
SLP077	592	'4888355_/_4888477'		0.3	1.67	3.33	0.408	0.2	3.33	1.14 No	0.2	Element Fault
SLP077	593	'4874298_/_4874308'		0.63	1.67	3.33	0.408	0.2	3.33	1.14 No	0.2	Element Fault
SLP077	594	'43592428_/_4875784'		0.3	1.63	3.33	0.408	0.2	3.33	1.14 No	0.2	Element Fault
SLP077	595	'4874768_/_4874765'		0.63	1.7	3.33	0.408	0.1	3.33	1.14 No	0.1	Element Fault
SLP077	596	'4888342_/_4888352'		0.3	1.63	3.33	0.408	0.2	3.33	1.14 No	0.2	Element Fault
SLP077	597	'7991044_/_7991042_1'		0.63	1.63	3.33	0.408	0.1	3.33	1.14 No	0.1	Element Fault
SLP077	598	'43599369_/_4890695'		0.63	1.63	3.33	0.408	0.1	3.33	1.14 No	0.1	Element Fault
SLP077	599	'43592384_/_43592386'		0.27	1.57	3.33	0.408	0.2	3.33	1.14 No	0.2	Element Fault
SLP077	600	'43592544_/_43592546'		0.6	1.53	3.33	0.408	0.2	3.33	1.14 No	0.2	Element Fault
SLP077	601	'4890698_/_43599371'		0.6	1.6	3.33	0.408	0.1	3.33	1.14 No	0.1	Element Fault
SLP077	602	'4888329_/_4888339'		0.27	1.53	3.33	0.408	0.2	3.33	1.14 No	0.2	Element Fault
SLP077	603	'4875761_/_4875771'		0.27	1.53	3.33	0.408	0.2	3.33	1.14 No	0.2	Element Fault
SLP077	604	'4874272_/_4874282'		0.57	1.47	3.33	0.408	0.2	3.33	1.14 No	0.2	Element Fault
SLP077	605	'4875683_/_4875693'		0.27	1.47	3.33	0.408	0.2	3.33	1.14 No	0.2	Element Fault
SLP077	606	'43599193_/_4888326'		0.27	1.43	3.33	0.408	0.2	3.33	1.14 No	0.2	Element Fault
SLP077	607	'4874259_/_4874269'		0.57	1.43	3.33	0.408	0.2	3.33	1.14 No	0.2	Element Fault
SLP077	608	'4875748_/_4875758'		0.27	1.43	3.33	0.408	0.2	3.33	1.14 No	0.2	Element Fault
SLP077	609	'4874246_/_4874256'		0.53	1.37	3.33	0.408	0.2	3.24	1.14 No	0.2	Element Fault
SLP077	610	'4875682_/_4875680'		0.23	1.37	3.33	0.408	0.2	3.24	1.14 No	0.2	Element Fault
SLP077	611	'43592417_/_4875745'		0.23	1.33	3.33	0.408	0.2	3.18	1.14 No	0.2	Element Fault
SLP077	612	'43592461_/_43592463'		0.23	1.33	3.33	0.408	0.2	3.17	1.14 No	0.2	Element Fault
SLP077	613	'4874230_/_4874243'		0.5	1.33	3.33	0.408	0.2	3.15	1.14 No	0.2	Element Fault
SLP077	614	'4874204_/_4874227'		0.5	1.3	3.33	0.408	0.2	3.1	1.14 No	0.2	Element Fault
SLP077	615	'4876056_/_4876066'		0.23	1.27	3.33	0.408	0.2	3.07	1.14 No	0.2	Element Fault
SLP077	616	'4875865_/_4875875'		0.23	1.27	3.33	0.408	0.2	3.04	1.14 No	0.2	Element Fault
SLP077	617	'4875722_/_4875732'		0.23	1.23	3.33	0.408	0.2	3.03	1.14 No	0.2	Element Fault
SLP077	618	'4874217_/_4874214'		0.5	1.23	3.33	0.408	0.2	3.02	1.14 No	0.2	Element Fault
SLP077	619	'43592533_/_43592535'		0.47	1.23	3.33	0.408	0.2	2.99	1.14 No	0.2	Element Fault
SLP077	620	'4875709_/_4875719'		0.23	1.23	3.33	0.408	0.2	2.97	1.14 No	0.2	Element Fault
SLP077	621	'4875864_/_4875862'		0.2	1.2	3.33	0.408	0.2	2.94	1.14 No	0.2	Primary Over-Voltage
SLP077	622	'43598597_/_4876053'		0.2	1.2	3.33	0.408	0.2	2.92	1.14 No	0.2	Primary Over-Voltage
SLP077	623	'4875708_/_4875706'		0.2	1.17	3.33	0.408	0.2	2.9	1.14 No	0.2	Primary Over-Voltage
SLP077	624	'4870341_/_4870351'		0.47	1.17	3.33	0.408	0.2	2.89	1.14 No	0.2	Element Fault
SLP077	625	'43592472_/_43592474'		0.2	1.13	3.33	0.408	0.2	2.82	1.14 No	0.2	Primary Over-Voltage
SLP077	626	'4870328_/_4870338'		0.43	1.1	3.33	0.408	0.2	2.78	1.14 No	0.2	Element Fault
SLP077	627	'4877122_/_4877120'		0.2	1.1	3.33	0.408	0.2	2.72	1.14 No	0.2	Primary Over-Voltage
SLP077	628	'4870327_/_4870325'		0.43	1.07	3.33	0.408	0.2	2.71	1.14 No	0.2	Element Fault
SLP077	629	'43592522_/_43592524'		0.4	1.03	3.33	0.408	0.2	2.63	1.14 No	0.2	Element Fault
SLP077	630	'4877135_/_4877133'		0.4	1	3.33	0.408	0.2	2.55	1.14 No	0.2	Element Fault
SLP081	0	'SLP081_/_9318130'		10	10	10	1.368	10	10	6.84 No	1.368	Thermal Discharging
SLP081	1	'9318132_/_9318130'		10	10	10	1.368	10	10	6.84 No	1.368	Thermal Discharging
SLP081	2	'9067930_/_9318150'		10	10	10	1.368	10	10	6.84 No	1.368	Thermal Discharging
SLP081	3	'7426209_/_9067927'		10	10	10	1.368	10	10	6.84 No	1.368	Thermal Discharging
SLP081	4	'7426208_/_7426206'		10	10	10	1.368	10	10	6.84 No	1.368	Thermal Discharging
SLP081	5	'9628340_/_9628691'		10	10	10	1.368	10	10	6.84 No	1.368	Thermal Discharging
SLP081	6	'8059644_/_9628337'		10	10	10	1.368	10	10	6.84 No	1.368	Thermal Discharging
SLP081	7	'7735625_/_8059641'		10	10	10	1.368	10	10	6.84 No	1.368	Thermal Discharging
SLP081	8	'7735626_/_7735623'		10	10	10	1.368	10	10	6.84 No	1.368	Thermal Discharging
SLP081	9	'7735646_/_7735643'		10	10	10	1.368	10	10	6.84 No	1.368	Thermal Discharging
SLP081	10	'450119320_/_9002601'		10	10	10	1.368	10	10	6.84 No	1.368	Thermal Discharging
SLP081	11	'450119171_/_37942156'		10	10	10	1.368	10	10	6.84 No	1.368	Thermal Discharging
SLP081	12	'450119343_/_37942184'		10	10	10	1.368	4.8	10	6.84 No	1.368	Thermal Discharging
SLP081	13	'450119316_/_37942198'		10	10	10	1.368	4.9	10	6.84 No	1.368	Thermal Discharging
SLP081	14	'450119176_/_37942170'		10	10	10	1.368	10	10	6.84 No	1.368	Thermal Discharging
SLP081	15	'450119542_/_450119515'		10	10	10	1.368	10	10	6.84 No	1.368	Thermal Discharging
SLP081	16	'7424886_/_7424884'		10	10	10	1.368	10	10	6.84 No	1.368	Thermal Discharging
SLP081	17	'37942271_/_520012004'		10	10	10	1.368	4.8	10	6.84 No	1.368	Thermal Discharging
SLP081	18	'37942264_/_37942268'		10	10	10	1.368	4.8	10	6.84 No	1.368	Thermal Discharging
SLP081	19	'404704997_/_404704994'		10	10	10	1.368	4.8	10	6.84 No	1.368	Thermal Discharging
SLP081	20	'37942257_/_37942261'		10	10	10	1.368	4.8	10	6.84 No	1.368	Thermal Discharging
SLP081	21	'37942285_/_37942289'		10	10	10	1.368	4.8	10	6.84 No	1.368	Thermal Discharging
SLP081	22	'8374623_/_8374620_2'		10	10	10	1.368	4.8	10	6.84 No	1.368	Thermal Discharging
SLP081	23	'8374563_/_9318090'		10	10	10	1.368	10	10	6.84 No	1.368	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SLP081	24	'5915304___/8374620_1'	10		10	1.368	1.5	10	6.84 No	1.368	Thermal Discharging
SLP081	25	'450119386___/435551285'	10		10	1.368	4.9	10	6.84 No	1.368	Thermal Discharging
SLP081	26	'400982099___/9316688'	10		10	1.368	4.8	10	6.84 No	1.368	Thermal Discharging
SLP081	27	'9316691___/400982121'	10		10	1.368	4.8	10	6.84 No	1.368	Thermal Discharging
SLP081	28	'435551327___/435551346'	10		10	1.368	4.9	10	6.84 No	1.368	Thermal Discharging
SLP081	29	'8374603___/9627137'	10		10	1.368	4.8	10	6.84 No	1.368	Thermal Discharging
SLP081	30	'7735565___/8059621'	10		10	1.368	4.9	10	6.84 No	1.368	Thermal Discharging
SLP081	31	'8374562___/8374560'	10		10	1.368	10	10	6.84 No	1.368	Thermal Discharging
SLP081	32	'68614250___/7735563'	10		10	1.368	4.9	10	6.84 No	1.368	Thermal Discharging
SLP081	33	'68614158___/68614247'	10		10	1.368	4.9	10	6.84 No	1.368	Thermal Discharging
SLP081	34	'68614238___/68614235'	10		10	1.368	4.9	10	6.84 No	1.368	Thermal Discharging
SLP081	35	'68614274___/68614271'	10		10	1.368	4.9	10	6.84 No	1.368	Thermal Discharging
SLP081	36	'68614261___/68614265'	10		10	1.368	4.9	10	6.84 No	1.368	Thermal Discharging
SLP081	37	'37942215___/8374600'	10		10	1.368	4.8	10	6.84 No	1.368	Thermal Discharging
SLP081	38	'37942222___/37942219'	10		10	1.368	4.8	10	6.84 No	1.368	Thermal Discharging
SLP081	39	'37942243___/37942247'	10		10	1.368	4.8	10	6.84 No	1.368	Thermal Discharging
SLP081	40	'37942229___/37942226'	10		10	1.368	4.8	10	6.84 No	1.368	Thermal Discharging
SLP081	41	'404704920___/404704917'	10		10	1.368	4.8	10	6.84 No	1.368	Thermal Discharging
SLP081	42	'8376032___/8376030'	10		10	1.368	10	10	6.84 No	1.368	Thermal Discharging
SLP081	43	'8684608___/499013914'	10		10	1.368	4.8	10	6.84 No	1.368	Thermal Discharging
SLP081	44	'73547653___/9316668_2'	10		10	1.368	4.9	10	6.84 No	1.368	Thermal Discharging
SLP081	45	'449734045___/8684606'	10		10	1.368	4.8	10	6.84 No	1.368	Thermal Discharging
SLP081	46	'8374680___/9316708'	10		10	1.368	4.8	10	6.84 No	1.368	Thermal Discharging
SLP081	47	'43817078___/9316668_1'	10		10	1.368	2.3	10	6.84 No	1.368	Thermal Discharging
SLP081	48	'5915283___/8374678'	10		10	1.368	1.5	10	6.84 No	1.368	Thermal Discharging
SLP081	49	'43814829___/5915302'	6.67	6.67	6.67	0.912	1	6.67	4.56 No	0.912	Thermal Discharging
SLP081	50	'37941802___/9316588'	10		10	1.368	10	10	6.84 No	1.368	Thermal Discharging
SLP081	51	'404704397___/37941806'	10		10	1.368	10	10	6.84 No	1.368	Thermal Discharging
SLP081	52	'37941837___/37941834'	10		10	1.368	4.7	10	6.84 No	1.368	Thermal Discharging
SLP081	53	'37941828___/37941820'	10		10	1.368	10	10	6.84 No	1.368	Thermal Discharging
SLP081	54	'37941851___/37941848'	10		10	1.368	4.8	10	6.84 No	1.368	Thermal Discharging
SLP081	55	'37941760___/9002561'	10		10	1.368	4.8	10	6.84 No	1.368	Thermal Discharging
SLP081	56	'37941767___/37941764'	10		10	1.368	4.8	10	6.84 No	1.368	Thermal Discharging
SLP081	57	'37941788___/37941792'	10		10	1.368	4.8	10	6.84 No	1.368	Thermal Discharging
SLP081	58	'404704286___/404704283'	10		10	1.368	4.8	10	6.84 No	1.368	Thermal Discharging
SLP081	59	'37941774___/37941771'	10		10	1.368	4.8	10	6.84 No	1.368	Thermal Discharging
SLP081	60	'316970285___/449844290'	10		10	1.368	4.8	10	6.84 No	1.368	Thermal Discharging
SLP081	61	'37942061___/9002541'	10		10	1.368	4.9	10	6.84 No	1.368	Thermal Discharging
SLP081	62	'37942040___/37942065'	10		10	1.368	4.9	10	6.84 No	1.368	Thermal Discharging
SLP081	63	'37942075___/37942072'	3.33	3.33	3.33	0.456	1.63	3.33	2.28 No	0.456	Thermal Discharging
SLP081	64	'37942033___/37942037'	10		10	1.368	4.9	10	6.84 No	1.368	Thermal Discharging
SLP081	65	'37942047___/37942044'	10		10	1.368	4.9	10	6.84 No	1.368	Thermal Discharging
SLP081	66	'9002451___/9627097'	10		10	1.368	4.8	10	6.84 No	1.368	Thermal Discharging
SLP081	67	'37941746___/9002429'	10		10	1.368	4.8	10	6.84 No	1.368	Thermal Discharging
SLP081	68	'37941725___/37941750'	10		10	1.368	4.8	10	6.84 No	1.368	Thermal Discharging
SLP081	69	'37941732___/37941729'	3.33	3.33	3.33	0.456	1.6	3.33	2.28 No	0.456	Thermal Discharging
SLP081	70	'37941718___/37941722'	10		10	1.368	4.8	10	6.84 No	1.368	Thermal Discharging
SLP081	71	'404704207___/404704204'	10		10	1.368	4.8	10	6.84 No	1.368	Thermal Discharging
SLP081	72	'43818617___/43817075'	10		10	1.368	2.3	10	6.84 No	1.368	Thermal Discharging
SLP081	73	'316970241___/316970351'	10		10	1.368	4.8	10	6.84 No	1.368	Thermal Discharging
SLP081	74	'443158918___/428859837'	10		10	1.368	10	10	6.84 No	1.368	Thermal Discharging
SLP081	75	'5930665___/9627081'	3.33	3.33	3.33	0.456	1.63	3.33	2.28 No	0.456	Thermal Discharging
SLP081	76	'8375856___/9628571'	10		10	1.368	4.9	10	6.84 No	1.368	Thermal Discharging
SLP081	77	'7735489___/9002449_1'	10		10	1.368	1.6	10	6.84 No	1.368	Thermal Discharging
SLP081	78	'37941536___/8684474'	10		10	1.368	4.7	10	6.84 No	1.368	Thermal Discharging
SLP081	79	'37941529___/37941533'	10		10	1.368	4.7	10	6.84 No	1.368	Thermal Discharging
SLP081	80	'404679616___/404679603'	10		10	1.368	4.7	10	6.84 No	1.368	Thermal Discharging
SLP081	81	'37941522___/37941526'	10		10	1.368	4.7	10	6.84 No	1.368	Thermal Discharging
SLP081	82	'37941550___/37941547'	10		10	1.368	4.7	10	6.84 No	1.368	Thermal Discharging
SLP081	83	'5929967___/9002449_2'	10		10	1.368	1.6	10	6.84 No	1.368	Thermal Discharging
SLP081	84	'499726761___/443158950'	10		10	1.368	10	10	6.84 No	1.368	Thermal Discharging
SLP081	85	'7424849___/316970245'	10		10	1.368	4.8	10	6.84 No	1.368	Thermal Discharging
SLP081	86	'5915284___/5915281'	6.67	6.67	6.67	0.912	1	6.67	4.56 No	0.912	Thermal Discharging
SLP081	87	'7425969___/8375854'	10		10	1.368	4.9	10	6.84 No	1.368	Thermal Discharging
SLP081	88	'5938382___/43818619'	10		10	1.368	2.3	10	6.84 No	1.368	Thermal Discharging
SLP081	89	'5930649___/9002391'	6.67	6.67	6.67	0.912	3.13	6.67	4.56 No	0.912	Thermal Discharging
SLP081	90	'443159034___/499726786'	10		10	1.368	10	10	6.84 No	1.368	Thermal Discharging
SLP081	91	'7425968___/7425966'	10		10	1.368	4.9	10	6.84 No	1.368	Thermal Discharging
SLP081	92	'5929991___/43815306'	3.33	3.33	3.33	0.456	0.53	3.33	2.28 No	0.456	Thermal Discharging
SLP081	93	'5915305___/43814831'	6.67	6.67	6.67	0.912	1	6.67	4.56 No	0.912	Thermal Discharging
SLP081	94	'9002412___/9002409'	10		10	1.368	4.8	10	6.84 No	1.368	Thermal Discharging
SLP081	95	'43814818___/43814820'	3.33	3.33	3.33	0.456	0.5	3.33	2.28 No	0.456	Thermal Discharging
SLP081	96	'5938383___/5938380_1'	10		10	1.368	2.3	10	6.84 No	1.368	Thermal Discharging
SLP081	97	'5915348___/5929965'	10		10	1.368	1.6	10	6.84 No	1.368	Thermal Discharging
SLP081	98	'37941480___/8374492'	10		10	1.368	4.7	10	6.84 No	1.368	Thermal Discharging
SLP081	99	'37941487___/37941484'	10		10	1.368	4.7	10	6.84 No	1.368	Thermal Discharging
SLP081	100	'37941508___/37941505'	10		10	1.368	4.7	10	6.84 No	1.368	Thermal Discharging
SLP081	101	'404679525___/404679522'	10		10	1.368	4.7	10	6.84 No	1.368	Thermal Discharging
SLP081	102	'37941494___/37941491'	10		10	1.368	4.7	10	6.84 No	1.368	Thermal Discharging
SLP081	103	'43818605___/5938380_2'	10		10	1.368	2.3	10	6.84 No	1.368	Thermal Discharging
SLP081	104	'5930269___/5930266'	3.33	3.33	3.33	0.456	0.5	3.33	2.28 No	0.456	Thermal Discharging
SLP081	105	'7809272___/7809269_2'	10		10	1.368	4.8	10	6.84 No	1.368	Thermal Discharging
SLP081	106	'9072896___/9072893'	10		10	1.368	4.8	10	6.84 No	1.368	Thermal Discharging
SLP081	107	'43814795___/5930647'	6.67	6.67	6.67	0.912	1	6.67	4.56 No	0.912	Thermal Discharging
SLP081	108	'5915326___/7809269_1'	10		10	1.368	1.5	10	6.84 No	1.368	Thermal Discharging
SLP081	109	'7424720___/7424718'	3.33	3.33	3.33	0.456	1.4	3.33	2.28 No	0.456	Thermal Discharging
SLP081	110	'34500029___/8421622'	10		10	1.368	4.9	10	6.84 No	1.368	Thermal Discharging
SLP081	111	'9316610___/9318110'	10		10	1.368	4.9	10	6.84 No	1.368	Thermal Discharging
SLP081	112	'443158980___/443159056'	10		10	1.368	10	10	6.84 No	1.368	Thermal Discharging
SLP081	113	'5915349___/43812761'	6.67	6.67	6.67	0.912	1.07	6.67	4.56 No	0.912	Thermal Discharging
SLP081	114	'8421625___/44079761'	10		10	1.368	4.9	10	6.84 No	1.368	Thermal Discharging
SLP081	115	'5933062___/43818607'	10		10	1.368	2.3	10	6.84 No	1.368	Thermal Discharging
SLP081	116	'5928730___/5928728'	10		10	1.368	1.6	10	6.84 No	1.368	Thermal Discharging
SLP081	117	'8685203___/9316608'	10		10	1.368	4.9	10	6.84 No	1.368	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SLP081	118	'5929844_/43814797'	6.67	6.67	6.67	0.912	1	6.67	4.56 No	0.912	Thermal Discharging
SLP081	119	'43815348_/43815350'	3.33	3.33	3.33	0.456	0.5	3.33	2.28 No	0.456	Thermal Discharging
SLP081	120	'5930282_/5930279'	3.33	3.33	3.33	0.456	0.5	3.33	2.28 No	0.456	Thermal Discharging
SLP081	121	'7424869_/8374640'	6.67	6.67	6.67	0.912	2.9	6.67	4.56 No	0.912	Thermal Discharging
SLP081	122	'8684408_/8684406'	10	10	10	1.368	4.7	10	6.84 No	1.368	Thermal Discharging
SLP081	123	'5929845_/5929842'	6.67	6.67	6.67	0.912	1	6.67	4.56 No	0.912	Thermal Discharging
SLP081	124	'8685202_/8685200'	10	10	10	1.368	4.9	10	6.84 No	1.368	Thermal Discharging
SLP081	125	'5933063_/5933060'	10	10	10	1.368	2.3	10	6.84 No	1.368	Thermal Discharging
SLP081	126	'5929583_/5929595'	6.67	6.67	6.67	0.912	1	6.67	4.56 No	0.912	Thermal Discharging
SLP081	127	'5928710_/5928708'	10	10	10	1.368	1.6	10	6.84 No	1.368	Thermal Discharging
SLP081	128	'7426249_/385890977'	10	10	10	1.368	4.7	10	6.84 No	1.368	Thermal Discharging
SLP081	129	'7424788_/9003207'	10	10	10	1.368	4.9	10	6.84 No	1.368	Thermal Discharging
SLP081	130	'633879771_/443159004_1'	10	10	10	1.368	10	10	6.84 No	1.368	Thermal Discharging
SLP081	131	'5947653_/443159004_2'	10	10	10	1.368	10	10	6.84 No	1.368	Thermal Discharging
SLP081	132	'428860075_/428860077'	10	10	10	1.368	10	10	6.84 No	1.368	Thermal Discharging
SLP081	133	'5947654_/5947651'	10	10	10	1.368	10	10	6.84 No	1.368	Thermal Discharging
SLP081	134	'5930182_/5930192'	3.33	3.33	3.33	0.456	0.5	3.33	2.28 No	0.456	Thermal Discharging
SLP081	135	'43815224_/5929857'	6.67	6.67	6.67	0.912	1	6.67	4.56 No	0.912	Thermal Discharging
SLP081	136	'9695168_/7150682'	10	10	10	1.368	1.6	10	6.84 No	1.368	Thermal Discharging
SLP081	137	'43815426_/5930295'	3.33	3.33	3.33	0.456	0.5	3.33	2.28 No	0.456	Thermal Discharging
SLP081	138	'5934558_/5962072'	10	10	10	1.368	10	10	6.84 No	1.368	Thermal Discharging
SLP081	139	'7424789_/7424786'	10	10	10	1.368	4.9	10	6.84 No	1.368	Thermal Discharging
SLP081	140	'86431701_/5962172_2'	10	10	10	1.368	3.3	10	6.84 No	1.368	Thermal Discharging
SLP081	141	'5934559_/5934556'	10	10	10	1.368	10	10	6.84 No	1.368	Thermal Discharging
SLP081	142	'5915325_/5915323'	10	10	10	1.368	1.5	10	6.84 No	1.368	Thermal Discharging
SLP081	143	'9383284_/9383282_1'	10	10	10	1.368	1	10	6.84 No	1	Element Fault
SLP081	144	'7735510_/9002521'	10	10	10	1.368	4.9	10	6.84 No	1.368	Thermal Discharging
SLP081	145	'5926575_/5934573'	10	10	10	1.368	10	10	6.84 No	1.368	Thermal Discharging
SLP081	146	'7735509_/7735507'	10	10	10	1.368	4.9	10	6.84 No	1.368	Thermal Discharging
SLP081	147	'5926574_/5926588_2'	3.33	3.33	3.33	0.456	1.4	3.33	2.28 No	0.456	Thermal Discharging
SLP081	148	'5934593_/5934590'	10	10	10	1.368	10	10	6.84 No	1.368	Thermal Discharging
SLP081	149	'43812089_/5923452'	3.33	3.33	3.33	0.456	0.5	3.33	2.28 No	0.456	Thermal Discharging
SLP081	150	'8685960_/8685958_2'	10	10	10	1.368	5.3	10	6.84 No	1.368	Thermal Discharging
SLP081	151	'7735545_/7735543'	10	10	10	1.368	4.9	10	6.84 No	1.368	Thermal Discharging
SLP081	152	'5929568_/5929580'	6.67	6.67	6.67	0.912	1	6.67	4.56 No	0.912	Thermal Discharging
SLP081	153	'5934610_/5934607'	10	10	10	1.368	10	10	6.84 No	1.368	Thermal Discharging
SLP081	154	'8684349_/8684346_1'	10	10	10	1.368	1.5	10	6.84 No	1.368	Thermal Discharging
SLP081	155	'5934627_/5934624'	10	10	10	1.368	10	10	6.84 No	1.368	Thermal Discharging
SLP081	156	'37941648_/9627045'	10	10	10	1.368	4.9	10	6.84 No	1.368	Thermal Discharging
SLP081	157	'37941655_/37941652'	10	10	10	1.368	4.9	10	6.84 No	1.368	Thermal Discharging
SLP081	158	'404704135_/404704132'	3.33	3.33	3.33	0.456	1.63	3.33	2.28 No	0.456	Thermal Discharging
SLP081	159	'37941676_/37941673'	3.33	3.33	3.33	0.456	1.63	3.33	2.28 No	0.456	Thermal Discharging
SLP081	160	'37941662_/37941659'	10	10	10	1.368	4.9	10	6.84 No	1.368	Thermal Discharging
SLP081	161	'5934644_/5934641'	10	10	10	1.368	10	10	6.84 No	1.368	Thermal Discharging
SLP081	162	'9316403_/8684346_2'	10	10	10	1.368	1.5	10	6.84 No	1.368	Thermal Discharging
SLP081	163	'632905461_/9383282_2'	10	10	10	1.368	1	10	6.84 No	1	Element Fault
SLP081	164	'5934661_/5934658'	10	10	10	1.368	10	10	6.84 No	1.368	Thermal Discharging
SLP081	165	'5929875_/5929872'	6.67	6.67	6.67	0.912	1	6.67	4.56 No	0.912	Thermal Discharging
SLP081	166	'5928744_/5928741'	3.33	3.33	3.33	0.456	0.53	3.33	2.28 No	0.456	Thermal Discharging
SLP081	167	'5962155_/5962172_1'	10	10	10	1.368	1.5	10	6.84 No	1.368	Thermal Discharging
SLP081	168	'5934678_/5934675'	10	10	10	1.368	10	10	6.84 No	1.368	Thermal Discharging
SLP081	169	'5925093_/5934692'	10	10	10	1.368	10	10	6.84 No	1.368	Thermal Discharging
SLP081	170	'5930311_/43815428'	3.33	3.33	3.33	0.456	0.5	3.33	2.28 No	0.456	Thermal Discharging
SLP081	171	'5924002_/5926588_1'	3.33	3.33	3.33	0.456	0.5	3.33	2.28 No	0.456	Thermal Discharging
SLP081	172	'5930169_/5930179'	3.33	3.33	3.33	0.456	0.5	3.33	2.28 No	0.456	Thermal Discharging
SLP081	173	'5926604_/5934709'	10	10	10	1.368	10	10	6.84 No	1.368	Thermal Discharging
SLP081	174	'5930323_/9316572'	3.33	3.33	3.33	0.456	1.63	3.33	2.28 No	0.456	Thermal Discharging
SLP081	175	'5925094_/5925108_1'	10	10	10	1.368	1.6	10	6.84 No	1.368	Thermal Discharging
SLP081	176	'5929550_/5929565'	6.67	6.67	6.67	0.912	1	6.67	4.56 No	0.912	Thermal Discharging
SLP081	177	'5926603_/5926618_2'	10	10	10	1.368	3.3	10	6.84 No	1.368	Thermal Discharging
SLP081	178	'5934729_/5934726'	10	10	10	1.368	10	10	6.84 No	1.368	Thermal Discharging
SLP081	179	'37941977_/9002501'	10	10	10	1.368	4.9	10	6.84 No	1.368	Thermal Discharging
SLP081	180	'37941984_/37941981'	10	10	10	1.368	4.9	10	6.84 No	1.368	Thermal Discharging
SLP081	181	'37942019_/37942016'	3.33	3.33	3.33	0.456	1.63	3.33	2.28 No	0.456	Thermal Discharging
SLP081	182	'37942005_/37942009'	10	10	10	1.368	4.9	10	6.84 No	1.368	Thermal Discharging
SLP081	183	'5934746_/5934743'	10	10	10	1.368	10	10	6.84 No	1.368	Thermal Discharging
SLP081	184	'5934766_/5934763'	10	10	10	1.368	10	10	6.84 No	1.368	Thermal Discharging
SLP081	185	'43815370_/5930321'	3.33	3.33	3.33	0.456	0.5	3.33	2.28 No	0.456	Thermal Discharging
SLP081	186	'5962091_/5962152'	10	10	10	1.368	1.5	10	6.84 No	1.368	Thermal Discharging
SLP081	187	'5929890_/5929887'	6.67	6.67	6.67	0.912	1	6.67	4.56 No	0.912	Thermal Discharging
SLP081	188	'9383285_/632905489'	10	10	10	1.368	1	10	6.84 No	1	Element Fault
SLP081	189	'5934948_/5934945'	10	10	10	1.368	10	10	6.84 No	1.368	Thermal Discharging
SLP081	190	'5937965_/5937963_1'	10	10	10	1.368	1.7	10	6.84 No	1.368	Thermal Discharging
SLP081	191	'43812806_/5925108_2'	10	10	10	1.368	1.6	10	6.84 No	1.368	Thermal Discharging
SLP081	192	'8059567_/8684442'	3.33	3.33	3.33	0.456	1.63	3.33	2.28 No	0.456	Thermal Discharging
SLP081	193	'43812942_/5934962'	10	10	10	1.368	10	10	6.84 No	1.368	Thermal Discharging
SLP081	194	'49225320_/8374528'	3.33	3.33	3.33	0.456	1.4	3.33	2.28 No	0.456	Thermal Discharging
SLP081	195	'5926483_/5937963_2'	10	10	10	1.368	1.7	10	6.84 No	1.368	Thermal Discharging
SLP081	196	'5930324_/43815372'	3.33	3.33	3.33	0.456	0.5	3.33	2.28 No	0.456	Thermal Discharging
SLP081	197	'5923989_/5923999'	3.33	3.33	3.33	0.456	0.5	3.33	2.28 No	0.456	Thermal Discharging
SLP081	198	'43820287_/5962115'	10	10	10	1.368	1.5	10	6.84 No	1.368	Thermal Discharging
SLP081	199	'7426248_/7426246'	10	10	10	1.368	4.7	10	6.84 No	1.368	Thermal Discharging
SLP081	200	'5926638_/5934979'	10	10	10	1.368	10	10	6.84 No	1.368	Thermal Discharging
SLP081	201	'452945232_/452945212'	3.33	3.33	3.33	0.456	0.5	3.33	2.28 No	0.456	Thermal Discharging
SLP081	202	'5930747_/5930745_1'	3.33	3.33	3.33	0.456	0.5	3.33	2.28 No	0.456	Thermal Discharging
SLP081	203	'5930007_/5930004'	3.33	3.33	3.33	0.456	0.53	3.33	2.28 No	0.456	Thermal Discharging
SLP081	204	'5930156_/5930166'	3.33	3.33	3.33	0.456	0.5	3.33	2.28 No	0.456	Thermal Discharging
SLP081	205	'5926637_/5926655_2'	10	10	10	1.368	3.2	10	6.84 No	1.368	Thermal Discharging
SLP081	206	'5923674_/5926618_1'	10	10	10	1.368	1.5	10	6.84 No	1.368	Thermal Discharging
SLP081	207	'5934999_/5934996'	10	10	10	1.368	10	10	6.84 No	1.368	Thermal Discharging
SLP081	208	'43818630_/5938447'	3.33	3.33	3.33	0.456	0.5	3.33	2.28 No	0.456	Thermal Discharging
SLP081	209	'5962138_/5962135'	10	10	10	1.368	1.5	10	6.84 No	1.368	Thermal Discharging
SLP081	210	'37941991_/8059565'	3.33	3.33	3.33	0.456	1.63	3.33	2.28 No	0.456	Thermal Discharging
SLP081	211	'7736939_/7736937_1'	10	10	10	1.368	0.9	10	6.84 No	0.9	Element Fault

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SLP081	212	'5926525_/_5935013'		10	10	1.368	10	10	6.84 No	1.368	Thermal Discharging
SLP081	213	'666162479_/_5935030'		10	10	1.368	10	10	6.84 No	1.368	Thermal Discharging
SLP081	214	'8685961_/_8685958_1'		10	10	1.368	1.5	10	6.84 No	1.368	Thermal Discharging
SLP081	215	'5926466_/_5926480'		10	10	1.368	1.7	10	6.84 No	1.368	Thermal Discharging
SLP081	216	'5925439_/_666162483'		10	10	1.368	10	10	6.84 No	1.368	Thermal Discharging
SLP081	217	'43815135_/_5929613'	6.67	6.67	6.67	0.912	1	6.67	4.56 No	0.912	Thermal Discharging
SLP081	218	'7736940_/_7736937_2'		10	10	1.368	0.9	10	6.84 No	0.9	Element Fault
SLP081	219	'43815236_/_5929902'	6.67	6.67	6.67	0.912	1	6.67	4.56 No	0.912	Thermal Discharging
SLP081	220	'5926675_/_5935047'		10	10	1.368	10	10	6.84 No	1.368	Thermal Discharging
SLP081	221	'9316459_/_9316456_2'		10	10	1.368	1.7	10	6.84 No	1.368	Thermal Discharging
SLP081	222	'430178171_/_43812234_2'	6.67	6.67	6.67	0.912	2.3	6.67	4.56 No	0.912	Thermal Discharging
SLP081	223	'5929535_/_5929547'	6.67	6.67	6.67	0.912	1	6.67	4.56 No	0.912	Thermal Discharging
SLP081	224	'5915002_/_5926509'	3.33	3.33	3.33	0.456	0.57	3.33	2.28 No	0.456	Thermal Discharging
SLP081	225	'9316458_/_9316456_1'		10	10	1.368	0.9	10	6.84 No	0.9	Element Fault
SLP081	226	'5925440_/_5925450_1'	3.33	3.33	3.33	0.456	0.5	3.33	2.28 No	0.456	Thermal Discharging
SLP081	227	'43813023_/_5935064'		10	10	1.368	10	10	6.84 No	1.368	Thermal Discharging
SLP081	228	'5926674_/_5926689_2'		10	10	1.368	3.5	10	6.84 No	1.368	Thermal Discharging
SLP081	229	'5925351_/_5926464'		10	10	1.368	1.7	10	6.84 No	1.368	Thermal Discharging
SLP081	230	'5930252_/_5930745_2'	3.33	3.33	3.33	0.456	0.5	3.33	2.28 No	0.456	Thermal Discharging
SLP081	231	'43815337_/_5930153'	3.33	3.33	3.33	0.456	0.5	3.33	2.28 No	0.456	Thermal Discharging
SLP081	232	'5935084_/_5935081'		10	10	1.368	10	10	6.84 No	1.368	Thermal Discharging
SLP081	233	'43812210_/_5923986'	3.33	3.33	3.33	0.456	0.5	3.33	2.28 No	0.456	Thermal Discharging
SLP081	234	'43812819_/_5925128'		10	10	1.368	1.6	10	6.84 No	1.368	Thermal Discharging
SLP081	235	'5935101_/_5935098'		10	10	1.368	10	10	6.84 No	1.368	Thermal Discharging
SLP081	236	'5924500_/_5926655_1'		10	10	1.368	1.5	10	6.84 No	1.368	Thermal Discharging
SLP081	237	'392435867_/_392435811_1'		10	10	1.368	0.9	10	6.84 No	0.9	Element Fault
SLP081	238	'5925614_/_5935118'		10	10	1.368	10	10	6.84 No	1.368	Thermal Discharging
SLP081	239	'43812232_/_43812234_1'	6.67	6.67	6.67	0.912	1	6.67	4.56 No	0.912	Thermal Discharging
SLP081	240	'37941606_/_8684530'	8.4	10	10	1.368	4.9	10	6.84 No	1.368	Thermal Discharging
SLP081	241	'37941613_/_37941610'	8.4	10	10	1.368	4.9	10	6.84 No	1.368	Thermal Discharging
SLP081	242	'5925054_/_5962102'	3.33	3.33	3.33	0.456	0.5	3.33	2.28 No	0.456	Thermal Discharging
SLP081	243	'37941634_/_37941638'	2.8	3.33	3.33	0.456	1.63	3.33	2.28 No	0.456	Thermal Discharging
SLP081	244	'37941620_/_37941617'	8.4	10	10	1.368	4.9	10	6.84 No	1.368	Thermal Discharging
SLP081	245	'404679767_/_404679764'	8.4	10	10	1.368	4.9	10	6.84 No	1.368	Thermal Discharging
SLP081	246	'5915051_/_211970514'		10	10	1.368	10	10	6.84 No	1.368	Thermal Discharging
SLP081	247	'5925615_/_5925612'		10	10	1.368	10	10	6.84 No	1.368	Thermal Discharging
SLP081	248	'9627219_/_419469213'		10	10	1.368	0.9	10	6.84 No	0.9	Element Fault
SLP081	249	'5926424_/_5926422'	3.33	3.33	3.33	0.456	0.57	3.33	2.28 No	0.456	Thermal Discharging
SLP081	250	'401941328_/_401941330'		10	10	1.368	10	10	6.84 No	1.368	Thermal Discharging
SLP081	251	'5930020_/_5930017'	3.33	3.33	3.33	0.456	0.53	3.33	2.28 No	0.456	Thermal Discharging
SLP081	252	'5930253_/_5930250'	3.33	3.33	3.33	0.456	0.5	3.33	2.28 No	0.456	Thermal Discharging
SLP081	253	'5935138_/_5935135'		10	10	1.368	10	10	6.84 No	1.368	Thermal Discharging
SLP081	254	'5915052_/_211970531'		10	10	1.368	10	10	6.84 No	1.368	Thermal Discharging
SLP081	255	'211970692_/_211970618_1'		10	10	1.368	10	10	6.84 No	1.368	Thermal Discharging
SLP081	256	'43813036_/_5935152'		10	10	1.368	10	10	6.84 No	1.368	Thermal Discharging
SLP081	257	'5925635_/_5925632'		10	10	1.368	10	10	6.84 No	1.368	Thermal Discharging
SLP081	258	'8374801_/_8374798'	9.9	10	10	1.368	4.7	10	6.84 No	1.368	Thermal Discharging
SLP081	259	'5929920_/_5929917'	6.67	6.67	6.67	0.912	1	6.67	4.56 No	0.912	Thermal Discharging
SLP081	260	'5938450_/_43818632'	2.9	3.33	3.33	0.456	0.5	3.33	2.28 No	0.456	Thermal Discharging
SLP081	261	'8684516_/_9002485'	2.8	3.33	3.33	0.456	1.63	3.33	2.28 No	0.456	Thermal Discharging
SLP081	262	'5915072_/_211970581'		10	10	1.368	10	10	6.84 No	1.368	Thermal Discharging
SLP081	263	'5915133_/_5926689_1'		10	10	1.368	1.5	10	6.84 No	1.368	Thermal Discharging
SLP081	264	'5935155_/_9002375_2'	3.33	3.33	3.33	0.456	1.7	3.33	2.28 No	0.456	Thermal Discharging
SLP081	265	'43813049_/_5925649'		10	10	1.368	10	10	6.84 No	1.368	Thermal Discharging
SLP081	266	'7735451_/_7735449_1'	6.67	6.67	6.67	0.912	1	6.67	4.56 No	0.912	Thermal Discharging
SLP081	267	'7792766_/_392435811_2'		10	10	1.368	0.9	10	6.84 No	0.9	Element Fault
SLP081	268	'5924485_/_5924482'		10	10	1.368	10	10	6.84 No	1.368	Thermal Discharging
SLP081	269	'8422142_/_8742322_1'		10	10	1.368	0.9	10	6.84 No	0.9	Element Fault
SLP081	270	'5915001_/_5914999'	3.33	3.33	3.33	0.456	0.57	3.33	2.28 No	0.456	Thermal Discharging
SLP081	271	'5923662_/_5923672'		10	10	1.368	1.5	10	6.84 No	1.368	Thermal Discharging
SLP081	272	'5925602_/_5926263_1'	3.33	3.33	3.33	0.456	0.5	3.33	2.28 No	0.456	Thermal Discharging
SLP081	273	'8742345_/_9059635_1'	6.67	6.67	6.67	0.912	0.6	6.67	4.56 No	0.6	Element Fault
SLP081	274	'5929616_/_43815137'	6.47	6.67	6.67	0.912	1	6.67	4.56 No	0.912	Thermal Discharging
SLP081	275	'5930127_/_5930140'	3.33	3.33	3.33	0.456	0.5	3.33	2.28 No	0.456	Thermal Discharging
SLP081	276	'70408700_/_8374818_1'	3.4	10	10	1.368	4.9	10	6.84 No	1.368	Thermal Discharging
SLP081	277	'5925589_/_5926263_2'	3.33	3.33	3.33	0.456	0.5	3.33	2.28 No	0.456	Thermal Discharging
SLP081	278	'43815123_/_43815125'	6.47	6.67	6.67	0.912	1	6.67	4.56 No	0.912	Thermal Discharging
SLP081	279	'43813012_/_5925450_2'	3.33	3.33	3.33	0.456	0.5	3.33	2.28 No	0.456	Thermal Discharging
SLP081	280	'5924096_/_5924106'	3.33	3.33	3.33	0.456	0.57	3.33	2.28 No	0.456	Thermal Discharging
SLP081	281	'419469297_/_419469222_1'		10	10	1.368	0.9	10	6.84 No	0.9	Element Fault
SLP081	282	'5925131_/_43812821'		10	10	1.368	1	10	6.84 No	1	Element Fault
SLP081	283	'5923695_/_5923692'		10	10	1.368	1.5	10	6.84 No	1.368	Thermal Discharging
SLP081	284	'5929935_/_5929932'	5.8	6.67	6.67	0.912	1	6.67	4.56 No	0.912	Thermal Discharging
SLP081	285	'5915204_/_5926522'	6.67	6.67	6.67	0.912	1	6.67	4.56 No	0.912	Thermal Discharging
SLP081	286	'5926441_/_5926438'	3.33	3.33	3.33	0.456	0.57	3.33	2.28 No	0.456	Thermal Discharging
SLP081	287	'9059638_/_9059635_2'	6.67	6.67	6.67	0.912	0.6	6.67	4.56 No	0.6	Element Fault
SLP081	288	'5923960_/_5923973'	3.33	3.33	3.33	0.456	0.5	3.33	2.28 No	0.456	Thermal Discharging
SLP081	289	'9002298_/_9002295'		10	10	1.368	0.9	10	6.84 No	0.9	Element Fault
SLP081	290	'43813062_/_5925586'	3.33	3.33	3.33	0.456	0.5	3.33	2.28 No	0.456	Thermal Discharging
SLP081	291	'5923649_/_5923659'	3.33	3.33	3.33	0.456	0.5	3.33	2.28 No	0.456	Thermal Discharging
SLP081	292	'5930114_/_5930124'	3.03	3.33	3.33	0.456	0.5	3.33	2.28 No	0.456	Thermal Discharging
SLP081	293	'5924083_/_5924093'	3.33	3.33	3.33	0.456	0.57	3.33	2.28 No	0.456	Thermal Discharging
SLP081	294	'8684429_/_8684514'	2.57	3.33	3.33	0.456	1.63	3.33	2.28 No	0.456	Thermal Discharging
SLP081	295	'43812784_/_5925052'	3.33	3.33	3.33	0.456	0.5	3.33	2.28 No	0.456	Thermal Discharging
SLP081	296	'37941564_/_9316552'	6.2	10	10	1.368	4.9	10	6.84 No	1.368	Thermal Discharging
SLP081	297	'37941571_/_37941568'	6.2	10	10	1.368	4.9	10	6.84 No	1.368	Thermal Discharging
SLP081	298	'37941592_/_37941596'	2.07	3.33	3.33	0.456	1.63	3.33	2.28 No	0.456	Thermal Discharging
SLP081	299	'37941578_/_37941575'	6.2	10	10	1.368	4.9	10	6.84 No	1.368	Thermal Discharging
SLP081	300	'404679688_/_404679685'	6.2	10	10	1.368	4.9	10	6.84 No	1.368	Thermal Discharging
SLP081	301	'8742325_/_8742322_2'		10	10	1.368	0.9	10	6.84 No	0.9	Element Fault
SLP081	302	'43815271_/_5930030'	2.73	3.33	3.33	0.456	0.53	3.33	2.28 No	0.456	Thermal Discharging
SLP081	303	'5930210_/_8684426'	2.47	3.33	3.33	0.456	0.3	3.33	2.28 No	0.3	Element Fault
SLP081	304	'5929505_/_5929517'	4.93	6.67	6.67	0.912	1	6.67	4.56 No	0.912	Thermal Discharging
SLP081	305	'7735452_/_7735449_2'	6.67	6.67	6.67	0.912	1	6.67	4.56 No	0.912	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Over-Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SLP081	306	'5924070_/_5924080'	3.33		3.33	3.33	0.456	0.57	3.33	2.28 No	0.456 Thermal Discharging
SLP081	307	'8684297_/_8684294'	10		10	10	1.368	1	10	6.84 No	1 Element Fault
SLP081	308	'5925466_/_43813014'	3.33		3.33	3.33	0.456	0.5	3.33	2.28 No	0.456 Thermal Discharging
SLP081	309	'9002471_/_9627065'	2.07		3.33	3.33	0.456	1.63	3.33	2.28 No	0.456 Thermal Discharging
SLP081	310	'427024428_/_427024396'	3.33		3.33	3.33	0.456	0.5	3.33	2.28 No	0.456 Thermal Discharging
SLP081	311	'427024510_/_427024410'	3.33		3.33	3.33	0.456	0.5	3.33	2.28 No	0.456 Thermal Discharging
SLP081	312	'5925352_/_5925349'	10		10	10	1.368	1.7	10	6.84 No	1.368 Thermal Discharging
SLP081	313	'419723682_/_396036557_2'	10		10	10	1.368	1.7	10	6.84 No	1.368 Thermal Discharging
SLP081	314	'43815248_/_5929947'	4.93		6.67	6.67	0.912	1	6.67	4.56 No	0.912 Thermal Discharging
SLP081	315	'5930735_/_9002469'	2.07		3.33	3.33	0.456	1.63	3.33	2.28 No	0.456 Thermal Discharging
SLP081	316	'5915134_/_5915131'	10		10	10	1.368	1.5	10	6.84 No	1.368 Thermal Discharging
SLP081	317	'5923636_/_5923646'	3.33		3.33	3.33	0.456	0.5	3.33	2.28 No	0.456 Thermal Discharging
SLP081	318	'5925572_/_5925570'	3.33		3.33	3.33	0.456	0.5	3.33	2.28 No	0.456 Thermal Discharging
SLP081	319	'9002377_/_9002375_1'	3.33		3.33	3.33	0.456	0.5	3.33	2.28 No	0.456 Thermal Discharging
SLP081	320	'243571457_/_211970618_2'	10		10	10	1.368	10	10	6.84 No	1.368 Thermal Discharging
SLP081	321	'5930101_/_5930111'	2.5		3.33	3.33	0.456	0.5	3.33	2.28 No	0.456 Thermal Discharging
SLP081	322	'5924189_/_211970618_3'	10		10	10	1.368	10	10	6.84 No	1.368 Thermal Discharging
SLP081	323	'9059655_/_9059653_1'	6.67		6.67	6.67	0.912	0.6	6.67	4.56 No	0.6 Element Fault
SLP081	324	'43812221_/_5923957'	3.33		3.33	3.33	0.456	0.5	3.33	2.28 No	0.456 Thermal Discharging
SLP081	325	'5934038_/_5934056'	10		10	10	1.368	10	10	6.84 No	1.368 Thermal Discharging
SLP081	326	'43812155_/_5923633'	3.33		3.33	3.33	0.456	0.5	3.33	2.28 No	0.456 Thermal Discharging
SLP081	327	'633879943_/_55890378_2'	10		10	10	1.368	10	10	6.84 No	1.368 Thermal Discharging
SLP081	328	'43812484_/_5924498'	10		10	10	1.368	1.5	10	6.84 No	1.368 Thermal Discharging
SLP081	329	'55890335_/_55890378_1'	10		10	10	1.368	10	10	6.84 No	1.368 Thermal Discharging
SLP081	330	'43812955_/_5926451'	3.33		3.33	3.33	0.456	0.57	3.33	2.28 No	0.456 Thermal Discharging
SLP081	331	'5923712_/_5923709'	9.2		10	10	1.368	1.5	10	6.84 No	1.368 Thermal Discharging
SLP081	332	'5924190_/_5924187_1'	3.33		3.33	3.33	0.456	0.5	3.33	2.28 No	0.456 Thermal Discharging
SLP081	333	'43812314_/_43812316'	3.33		3.33	3.33	0.456	0.57	3.33	2.28 No	0.456 Thermal Discharging
SLP081	334	'5924121_/_5934036'	10		10	10	1.368	10	10	6.84 No	1.368 Thermal Discharging
SLP081	335	'9002723_/_396036557_1'	10		10	10	1.368	0.9	10	6.84 No	0.9 Element Fault
SLP081	336	'8684497_/_8684494'	5.4		10	10	1.368	4.9	10	6.84 No	1.368 Thermal Discharging
SLP081	337	'52047942_/_52047839'	2.2		3.33	3.33	0.456	0.53	3.33	2.28 No	0.456 Thermal Discharging
SLP081	338	'5929504_/_5929502'	4.07		6.67	6.67	0.912	1	6.67	4.56 No	0.912 Thermal Discharging
SLP081	339	'385890527_/_385891002'	5.4		10	10	1.368	4.9	10	6.84 No	1.368 Thermal Discharging
SLP081	340	'43812459_/_5915148'	10		10	10	1.368	1.5	10	6.84 No	1.368 Thermal Discharging
SLP081	341	'5930407_/_43815250'	4.27		6.67	6.67	0.912	1	6.67	4.56 No	0.912 Thermal Discharging
SLP081	342	'43812545_/_5934221'	10		10	10	1.368	10	10	6.84 No	1.368 Thermal Discharging
SLP081	343	'9627010_/_9627007'	6.67		6.67	6.67	0.912	1	6.67	4.56 No	0.912 Thermal Discharging
SLP081	344	'43815359_/_43815361'	2.03		3.33	3.33	0.456	0.5	3.33	2.28 No	0.456 Thermal Discharging
SLP081	345	'43812360_/_5924187_2'	3.33		3.33	3.33	0.456	0.5	3.33	2.28 No	0.456 Thermal Discharging
SLP081	346	'9059656_/_9059653_2'	6.67		6.67	6.67	0.912	0.6	6.67	4.56 No	0.6 Element Fault
SLP081	347	'393823663_/_5934241_2'	10		10	10	1.368	10	10	6.84 No	1.368 Thermal Discharging
SLP081	348	'5924122_/_5924132_1'	3.33		3.33	3.33	0.456	0.5	3.33	2.28 No	0.456 Thermal Discharging
SLP081	349	'9316326_/_9316324'	3.33		3.33	3.33	0.456	0.3	3.33	2.28 No	0.3 Element Fault
SLP081	350	'43815315_/_5930098'	2.13		3.33	3.33	0.456	0.5	3.33	2.28 No	0.456 Thermal Discharging
SLP081	351	'5923728_/_5923726'	3.17		3.33	3.33	0.456	0.5	3.33	2.28 No	0.456 Thermal Discharging
SLP081	352	'9003789_/_385890608'	5.1		10	10	1.368	4.9	10	6.84 No	1.368 Thermal Discharging
SLP081	353	'43815326_/_5930208'	1.87		3.33	3.33	0.456	0.3	3.33	2.28 No	0.3 Element Fault
SLP081	354	'43813001_/_5925476'	3.33		3.33	3.33	0.456	0.5	3.33	2.28 No	0.456 Thermal Discharging
SLP081	355	'5930408_/_5930405'	3.87		6.67	6.67	0.912	1	6.67	4.56 No	0.912 Thermal Discharging
SLP081	356	'5925068_/_43812786'	2.5		3.33	3.33	0.456	0.5	3.33	2.28 No	0.456 Thermal Discharging
SLP081	357	'5915168_/_43812461'	9.5		10	10	1.368	1.5	10	6.84 No	1.368 Thermal Discharging
SLP081	358	'43812532_/_5924406'	10		10	10	1.368	3.3	10	6.84 No	1.368 Thermal Discharging
SLP081	359	'308259469_/_308259470_1'	9.5		10	10	1.368	0.9	10	6.84 No	0.9 Element Fault
SLP081	360	'43812144_/_43812157'	2.57		3.33	3.33	0.456	0.5	3.33	2.28 No	0.456 Thermal Discharging
SLP081	361	'5929492_/_5930629'	3.53		6.67	6.67	0.912	1	6.67	4.56 No	0.912 Thermal Discharging
SLP081	362	'5926454_/_43812957'	2.73		3.33	3.33	0.456	0.57	3.33	2.28 No	0.456 Thermal Discharging
SLP081	363	'43812166_/_5923778'	6.5		10	10	1.368	1.5	10	6.84 No	1.368 Thermal Discharging
SLP081	364	'5954600_/_5954610'	1.77		3.33	3.33	0.456	0.5	3.33	2.28 No	0.456 Thermal Discharging
SLP081	365	'9055748_/_55890337'	10		10	10	1.368	10	10	6.84 No	1.368 Thermal Discharging
SLP081	366	'8060643_/_9003787'	4.7		10	10	1.368	4.9	10	6.84 No	1.368 Thermal Discharging
SLP081	367	'43812177_/_43812179'	2.77		3.33	3.33	0.456	0.5	3.33	2.28 No	0.456 Thermal Discharging
SLP081	368	'5925291_/_5925369'	7		10	10	1.368	1.7	10	6.84 No	1.368 Thermal Discharging
SLP081	369	'5923934_/_5923944'	2.27		3.33	3.33	0.456	0.5	3.33	2.28 No	0.456 Thermal Discharging
SLP081	370	'43818583_/_5933939'	2.93		3.33	3.33	0.456	0.57	3.33	2.28 No	0.456 Thermal Discharging
SLP081	371	'52047939_/_52047862'	1.77		3.33	3.33	0.456	0.53	3.33	2.28 No	0.456 Thermal Discharging
SLP081	372	'5929634_/_5929631'	1.67		3.33	3.33	0.456	0.5	3.33	2.28 No	0.456 Thermal Discharging
SLP081	373	'43812472_/_5915202'	5.33		6.67	6.67	0.912	1	6.67	4.56 No	0.912 Thermal Discharging
SLP081	374	'8060644_/_8060641'	4.7		10	10	1.368	4.9	10	6.84 No	1.368 Thermal Discharging
SLP081	375	'8742363_/_308259470_2'	7.5		10	10	1.368	0.9	10	6.84 No	0.9 Element Fault
SLP081	376	'7420298_/_8060661'	4.5		10	10	1.368	4.9	10	6.84 No	1.368 Thermal Discharging
SLP081	377	'43812349_/_5924132_2'	3.33		3.33	3.33	0.456	0.5	3.33	2.28 No	0.456 Thermal Discharging
SLP081	378	'7420297_/_7420295'	4.5		10	10	1.368	4.9	10	6.84 No	1.368 Thermal Discharging
SLP081	379	'5924216_/_5924213'	3.33		3.33	3.33	0.456	0.5	3.33	2.28 No	0.456 Thermal Discharging
SLP081	380	'43812519_/_43812534'	9.3		10	10	1.368	3.3	10	6.84 No	1.368 Thermal Discharging
SLP081	381	'5929479_/_5929489'	1.57		3.33	3.33	0.456	0.5	3.33	2.28 No	0.456 Thermal Discharging
SLP081	382	'5915185_/_5915182'	6.8		10	10	1.368	1.5	10	6.84 No	1.368 Thermal Discharging
SLP081	383	'5930227_/_43815328'	1.57		3.33	3.33	0.456	0.3	3.33	2.28 No	0.3 Element Fault
SLP081	384	'7482282_/_7482280_1'	6.8		10	10	1.368	0.9	10	6.84 No	0.9 Element Fault
SLP081	385	'52047934_/_52047891'	1.67		3.33	3.33	0.456	0.53	3.33	2.28 No	0.456 Thermal Discharging
SLP081	386	'5923526_/_5923523'	2.13		3.33	3.33	0.456	0.5	3.33	2.28 No	0.456 Thermal Discharging
SLP081	387	'7736098_/_7736095'	4.2		10	10	1.368	4.9	10	6.84 No	1.368 Thermal Discharging
SLP081	388	'5929647_/_5929644'	1.57		3.33	3.33	0.456	0.5	3.33	2.28 No	0.456 Thermal Discharging
SLP081	389	'5930429_/_5930426'	3.2		6.67	6.67	0.912	1	6.67	4.56 No	0.912 Thermal Discharging
SLP081	390	'43815503_/_5938460'	1.7		3.33	3.33	0.456	0.5	3.33	2.28 No	0.456 Thermal Discharging
SLP081	391	'5929466_/_5954597'	1.6		3.33	3.33	0.456	0.5	3.33	2.28 No	0.456 Thermal Discharging
SLP081	392	'5929158_/_5930675'	1.67		3.33	3.33	0.456	0.5	3.33	2.28 No	0.456 Thermal Discharging
SLP081	393	'5925081_/_5925078'	2		3.33	3.33	0.456	0.5	3.33	2.28 No	0.456 Thermal Discharging
SLP081	394	'5923921_/_5923931'	1.93		3.33	3.33	0.456	0.5	3.33	2.28 No	0.456 Thermal Discharging
SLP081	395	'5925492_/_5925489'	2.43		3.33	3.33	0.456	0.5	3.33	2.28 No	0.456 Thermal Discharging
SLP081	396	'7482283_/_7482280_2'	6.2		10	10	1.368	0.9	10	6.84 No	0.9 Element Fault
SLP081	397	'5923800_/_5923798'	1.9		3.33	3.33	0.456	0.5	3.33	2.28 No	0.456 Thermal Discharging
SLP081	398	'5923755_/_5923765'	2.23		3.33	3.33	0.456	0.5	3.33	2.28 No	0.456 Thermal Discharging
SLP081	399	'5925560_/_5925557'	2.3		3.33	3.33	0.456	0.5	3.33	2.28 No	0.456 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SLP081	400	'43812966_/_5925386'		5.7	10	10	1.368	1.7	10	6.84 No	1.368 Thermal Discharging
SLP081	401	'43815147_/_5929657'		1.47	3.33	3.33	0.456	0.5	3.33	2.28 No	0.456 Thermal Discharging
SLP081	402	'5933954_/_5933952'		2.1	3.33	3.33	0.456	0.57	3.33	2.28 No	0.456 Thermal Discharging
SLP081	403	'5924229_/_5924226'		3.33	3.33	3.33	0.456	0.5	3.33	2.28 No	0.456 Thermal Discharging
SLP081	404	'5925505_/_5925502'		2.13	3.33	3.33	0.456	0.5	3.33	2.28 No	0.456 Thermal Discharging
SLP081	405	'5930085_/_52047914'		1.5	3.33	3.33	0.456	0.53	3.33	2.28 No	0.456 Thermal Discharging
SLP081	406	'5924148_/_43812351'		2.53	3.33	3.33	0.456	0.5	3.33	2.28 No	0.456 Thermal Discharging
SLP081	407	'5924354_/_43812521'		6.4	10	10	1.368	3.3	10	6.84 No	1.368 Thermal Discharging
SLP081	408	'43815101_/_5929463'		1.47	3.33	3.33	0.456	0.5	3.33	2.28 No	0.456 Thermal Discharging
SLP081	409	'428121425_/_5924352_1'		4.27	6.67	6.67	0.912	1	6.67	4.56 No	0.912 Thermal Discharging
SLP081	410	'43812133_/_5923536'		1.83	3.33	3.33	0.456	0.5	3.33	2.28 No	0.456 Thermal Discharging
SLP081	411	'5929170_/_5929476'		1.37	3.33	3.33	0.456	0.5	3.33	2.28 No	0.456 Thermal Discharging
SLP081	412	'8992262_/_9625963'		6.9	10	10	1.368	10	10	6.84 No	1.368 Thermal Discharging
SLP081	413	'5930240_/_5930237'		1.37	3.33	3.33	0.456	0.3	3.33	2.28 No	0.3 Element Fault
SLP081	414	'5923826_/_5923824'		1.7	3.33	3.33	0.456	0.5	3.33	2.28 No	0.456 Thermal Discharging
SLP081	415	'43812990_/_43812992'		2	3.33	3.33	0.456	0.5	3.33	2.28 No	0.456 Thermal Discharging
SLP081	416	'5925290_/_5925288'		5	10	10	1.368	1.7	10	6.84 No	1.368 Thermal Discharging
SLP081	417	'5930447_/_5930444'		1.47	3.33	3.33	0.456	0.5	3.33	2.28 No	0.456 Thermal Discharging
SLP081	418	'8684277_/_9626987_1'		5	10	10	1.368	0.9	10	6.84 No	0.9 Element Fault
SLP081	419	'5924355_/_5924352_2'		3.93	6.67	6.67	0.912	1	6.67	4.56 No	0.912 Thermal Discharging
SLP081	420	'43815158_/_43815149'		1.37	3.33	3.33	0.456	0.5	3.33	2.28 No	0.456 Thermal Discharging
SLP081	421	'5923920_/_5923918'		1.63	3.33	3.33	0.456	0.5	3.33	2.28 No	0.456 Thermal Discharging
SLP081	422	'43814783_/_5930473'		2.73	6.67	6.67	0.912	1	6.67	4.56 No	0.912 Thermal Discharging
SLP081	423	'574395571_/_9626987_2'		5	10	10	1.368	0.9	10	6.84 No	0.9 Element Fault
SLP081	424	'8374841_/_8374838'		3.6	10	10	1.368	4.9	10	6.84 No	1.368 Thermal Discharging
SLP081	425	'7155714_/_7155711_1'		5.8	10	10	1.368	0.9	10	6.84 No	0.9 Element Fault
SLP081	426	'5938476_/_43815505'		1.43	3.33	3.33	0.456	0.5	3.33	2.28 No	0.456 Thermal Discharging
SLP081	427	'5923754_/_5923752'		1.9	3.33	3.33	0.456	0.5	3.33	2.28 No	0.456 Thermal Discharging
SLP081	428	'5925406_/_5925403'		4.8	10	10	1.368	1.7	10	6.84 No	1.368 Thermal Discharging
SLP081	429	'43815024_/_43815026'		1.43	3.33	3.33	0.456	0.5	3.33	2.28 No	0.456 Thermal Discharging
SLP081	430	'7155731_/_7155711_2'		5.8	10	10	1.368	0.9	10	6.84 No	0.9 Element Fault
SLP081	431	'574395606_/_574395622'		4.7	10	10	1.368	0.9	10	6.84 No	0.9 Element Fault
SLP081	432	'5924242_/_5924239'		2.63	3.33	3.33	0.456	0.5	3.33	2.28 No	0.456 Thermal Discharging
SLP081	433	'43812979_/_5925515'		1.83	3.33	3.33	0.456	0.5	3.33	2.28 No	0.456 Thermal Discharging
SLP081	434	'5923842_/_5923840'		1.6	3.33	3.33	0.456	0.5	3.33	2.28 No	0.456 Thermal Discharging
SLP081	435	'5923554_/_5923552'		1.67	3.33	3.33	0.456	0.5	3.33	2.28 No	0.456 Thermal Discharging
SLP081	436	'5938842_/_5938839'		1.63	3.33	3.33	0.456	0.5	3.33	2.28 No	0.456 Thermal Discharging
SLP081	437	'5929440_/_5929450'		1.33	3.33	3.33	0.456	0.5	3.33	2.28 No	0.456 Thermal Discharging
SLP081	438	'5929673_/_43815160'		1.3	3.33	3.33	0.456	0.5	3.33	2.28 No	0.456 Thermal Discharging
SLP081	439	'5926391_/_5926389'		1.8	3.33	3.33	0.456	0.3	3.33	2.28 No	0.3 Element Fault
SLP081	440	'8374821_/_8374858'		3.5	10	10	1.368	4.9	10	6.84 No	1.368 Thermal Discharging
SLP081	441	'5924161_/_5924158'		1.97	3.33	3.33	0.456	0.5	3.33	2.28 No	0.456 Thermal Discharging
SLP081	442	'43815260_/_5930457'		1.37	3.33	3.33	0.456	0.5	3.33	2.28 No	0.456 Thermal Discharging
SLP081	443	'5915205_/_43812474'		3.27	6.67	6.67	0.912	1	6.67	4.56 No	0.912 Thermal Discharging
SLP081	444	'43812843_/_5926493'		1.7	3.33	3.33	0.456	0.57	3.33	2.28 No	0.456 Thermal Discharging
SLP081	445	'8992261_/_8992259'		5.6	10	10	1.368	10	10	6.84 No	1.368 Thermal Discharging
SLP081	446	'8684332_/_8684330'		1.73	3.33	3.33	0.456	0.3	3.33	2.28 No	0.3 Element Fault
SLP081	447	'5929171_/_5929168'		1.23	3.33	3.33	0.456	0.5	3.33	2.28 No	0.456 Thermal Discharging
SLP081	448	'5923567_/_5923565'		1.57	3.33	3.33	0.456	0.5	3.33	2.28 No	0.456 Thermal Discharging
SLP081	449	'8751939_/_8751936'		4.9	10	10	1.368	0.9	10	6.84 No	0.9 Element Fault
SLP081	450	'5924177_/_5924174'		1.77	3.33	3.33	0.456	0.5	3.33	2.28 No	0.456 Thermal Discharging
SLP081	451	'5937991_/_5938486'		1.27	3.33	3.33	0.456	0.5	3.33	2.28 No	0.456 Thermal Discharging
SLP081	452	'5929397_/_5929437'		1.23	3.33	3.33	0.456	0.5	3.33	2.28 No	0.456 Thermal Discharging
SLP081	453	'5930460_/_43815262'		1.27	3.33	3.33	0.456	0.5	3.33	2.28 No	0.456 Thermal Discharging
SLP081	454	'5924373_/_5924370'		3.13	6.67	6.67	0.912	1	6.67	4.56 No	0.912 Thermal Discharging
SLP081	455	'5930776_/_5930773'		1.2	3.33	3.33	0.456	0.5	3.33	2.28 No	0.456 Thermal Discharging
SLP081	456	'5925255_/_5925420'		4.1	10	10	1.368	1.7	10	6.84 No	1.368 Thermal Discharging
SLP081	457	'43812188_/_43812190'		1.6	3.33	3.33	0.456	0.5	3.33	2.28 No	0.456 Thermal Discharging
SLP081	458	'5929184_/_5929181'		1.17	3.33	3.33	0.456	0.5	3.33	2.28 No	0.456 Thermal Discharging
SLP081	459	'5925531_/_43812981'		1.57	3.33	3.33	0.456	0.5	3.33	2.28 No	0.456 Thermal Discharging
SLP081	460	'7735529_/_7735527_1'		1.2	3.33	3.33	0.456	0.3	3.33	2.28 No	0.3 Element Fault
SLP081	461	'5929132_/_5929142'		1.23	3.33	3.33	0.456	0.5	3.33	2.28 No	0.456 Thermal Discharging
SLP081	462	'43812122_/_5923578'		1.47	3.33	3.33	0.456	0.5	3.33	2.28 No	0.456 Thermal Discharging
SLP081	463	'43812199_/_5923879'		1.37	3.33	3.33	0.456	0.5	3.33	2.28 No	0.456 Thermal Discharging
SLP081	464	'5926496_/_43812845'		1.57	3.33	3.33	0.456	0.57	3.33	2.28 No	0.456 Thermal Discharging
SLP081	465	'43815090_/_5929424'		1.17	3.33	3.33	0.456	0.5	3.33	2.28 No	0.456 Thermal Discharging
SLP081	466	'5930493_/_43814785'		2.2	6.67	6.67	0.912	1	6.67	4.56 No	0.912 Thermal Discharging
SLP081	467	'5923741_/_5923739'		1.5	3.33	3.33	0.456	0.5	3.33	2.28 No	0.456 Thermal Discharging
SLP081	468	'43815514_/_5937989'		1.13	3.33	3.33	0.456	0.5	3.33	2.28 No	0.456 Thermal Discharging
SLP081	469	'5937992_/_43815516'		1.13	3.33	3.33	0.456	0.5	3.33	2.28 No	0.456 Thermal Discharging
SLP081	470	'7735530_/_7735527_2'		1.07	3.33	3.33	0.456	0.3	3.33	2.28 No	0.3 Element Fault
SLP081	471	'5925544_/_5925541'		1.37	3.33	3.33	0.456	0.5	3.33	2.28 No	0.456 Thermal Discharging
SLP081	472	'43812904_/_43812906'		3.7	10	10	1.368	1.7	10	6.84 No	1.368 Thermal Discharging
SLP081	473	'5915226_/_5924388'		2.67	6.67	6.67	0.912	1	6.67	4.56 No	0.912 Thermal Discharging
SLP081	474	'5929197_/_5929194'		1.03	3.33	3.33	0.456	0.5	3.33	2.28 No	0.456 Thermal Discharging
SLP081	475	'5923594_/_43812124'		1.3	3.33	3.33	0.456	0.5	3.33	2.28 No	0.456 Thermal Discharging
SLP081	476	'5929427_/_43815092'		1.1	3.33	3.33	0.456	0.5	3.33	2.28 No	0.456 Thermal Discharging
SLP081	477	'5929398_/_5929395'		1.07	3.33	3.33	0.456	0.5	3.33	2.28 No	0.456 Thermal Discharging
SLP081	478	'5923856_/_5923866'		1.2	3.33	3.33	0.456	0.5	3.33	2.28 No	0.456 Thermal Discharging
SLP081	479	'43815013_/_43815015'		1.07	3.33	3.33	0.456	0.5	3.33	2.28 No	0.456 Thermal Discharging
SLP081	480	'5923813_/_5923811'		1.33	3.33	3.33	0.456	0.5	3.33	2.28 No	0.456 Thermal Discharging
SLP081	481	'43812497_/_5915239'		1.33	3.33	3.33	0.456	0.5	3.33	2.28 No	0.456 Thermal Discharging
SLP081	482	'43812508_/_5924469'		1.33	3.33	3.33	0.456	0.5	3.33	2.28 No	0.456 Thermal Discharging
SLP081	483	'43812111_/_5923604'		1.2	3.33	3.33	0.456	0.5	3.33	2.28 No	0.456 Thermal Discharging
SLP081	484	'43815035_/_5929210'		0.97	3.33	3.33	0.456	0.5	3.33	2.28 No	0.456 Thermal Discharging
SLP081	485	'5930789_/_5930786'		0.97	3.33	3.33	0.456	0.5	3.33	2.28 No	0.456 Thermal Discharging
SLP081	486	'5929226_/_43815037'		0.93	3.33	3.33	0.456	0.5	3.33	2.28 No	0.456 Thermal Discharging
SLP081	487	'5925218_/_5925235'		3.2	10	10	1.368	1.7	10	6.84 No	1.368 Thermal Discharging
SLP081	488	'5930494_/_5930491'		1.87	6.67	6.67	0.912	1	6.67	4.56 No	0.912 Thermal Discharging
SLP081	489	'5929239_/_5929236'		0.93	3.33	3.33	0.456	0.5	3.33	2.28 No	0.456 Thermal Discharging
SLP081	490	'5929346_/_5929411'		0.97	3.33	3.33	0.456	0.5	3.33	2.28 No	0.456 Thermal Discharging
SLP081	491	'8684461_/_8684458'		0.93	3.33	3.33	0.456	0.3	3.33	2.28 No	0.3 Element Fault
SLP081	492	'5915242_/_43812499'		1.37	3.33	3.33	0.456	0.5	3.33	2.28 No	0.456 Thermal Discharging
SLP081	493	'5923855_/_5923853'		1.07	3.33	3.33	0.456	0.5	3.33	2.28 No	0.456 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SLP081	494	'43815046_/5929249'		0.93	3.33	3.33	0.456	0.5	3.33	2.28 No	0.456 Thermal Discharging
SLP081	495	'5929106_/5929116'		0.97	3.33	3.33	0.456	0.5	3.33	2.28 No	0.456 Thermal Discharging
SLP081	496	'5924472_/43812510'		1.37	3.33	3.33	0.456	0.5	3.33	2.28 No	0.456 Thermal Discharging
SLP081	497	'5930802_/5930799'		0.9	3.33	3.33	0.456	0.5	3.33	2.28 No	0.456 Thermal Discharging
SLP081	498	'5914976_/5915223'		1.37	3.33	3.33	0.456	0.5	3.33	2.28 No	0.456 Thermal Discharging
SLP081	499	'45080409_/5929262'		0.93	3.33	3.33	0.456	0.5	3.33	2.28 No	0.456 Thermal Discharging
SLP081	500	'43812116_/43812113'		1.1	3.33	3.33	0.456	0.5	3.33	2.28 No	0.456 Thermal Discharging
SLP081	501	'43820006_/43820008'		1.2	3.33	3.33	0.456	0.5	3.33	2.28 No	0.456 Thermal Discharging
SLP081	502	'5929359_/5929356'		0.9	3.33	3.33	0.456	0.5	3.33	2.28 No	0.456 Thermal Discharging
SLP081	503	'5914963_/5914973'		1.37	3.33	3.33	0.456	0.5	3.33	2.28 No	0.456 Thermal Discharging
SLP081	504	'5925198_/5925215'		2.9	10	10	1.368	1.7	10	6.84 No	1.368 Thermal Discharging
SLP081	505	'5928970_/5929103'		0.93	3.33	3.33	0.456	0.5	3.33	2.28 No	0.456 Thermal Discharging
SLP081	506	'5923895_/5923905'		1	3.33	3.33	0.456	0.5	3.33	2.28 No	0.456 Thermal Discharging
SLP081	507	'5929333_/5929343'		0.87	3.33	3.33	0.456	0.5	3.33	2.28 No	0.456 Thermal Discharging
SLP081	508	'5925181_/5925195'		2.8	10	10	1.368	1.7	10	6.84 No	1.368 Thermal Discharging
SLP081	509	'5914937_/5914960'		1.3	3.33	3.33	0.456	0.5	3.33	2.28 No	0.456 Thermal Discharging
SLP081	510	'43814958_/43814960'		0.9	3.33	3.33	0.456	0.5	3.33	2.28 No	0.456 Thermal Discharging
SLP081	511	'43815112_/5929369'		0.83	3.33	3.33	0.456	0.5	3.33	2.28 No	0.456 Thermal Discharging
SLP081	512	'5959313_/5959311'		1.07	3.33	3.33	0.456	0.5	3.33	2.28 No	0.456 Thermal Discharging
SLP081	513	'5914950_/5914947'		1.23	3.33	3.33	0.456	0.5	3.33	2.28 No	0.456 Thermal Discharging
SLP081	514	'5914879_/5914934'		1.23	3.33	3.33	0.456	0.5	3.33	2.28 No	0.456 Thermal Discharging
SLP081	515	'5923894_/5923892'		0.93	3.33	3.33	0.456	0.5	3.33	2.28 No	0.456 Thermal Discharging
SLP081	516	'43812880_/5925178'		2.6	10	10	1.368	1.7	10	6.84 No	1.368 Thermal Discharging
SLP081	517	'5925275_/5925272'		0.9	3.33	3.33	0.456	0.57	3.33	2.28 No	0.456 Thermal Discharging
SLP081	518	'44981432_/5929382'		0.8	3.33	3.33	0.456	0.5	3.33	2.28 No	0.456 Thermal Discharging
SLP081	519	'43812426_/5914876'		1.2	3.33	3.33	0.456	0.5	3.33	2.28 No	0.456 Thermal Discharging
SLP081	520	'43815079_/43815081'		0.8	3.33	3.33	0.456	0.5	3.33	2.28 No	0.456 Thermal Discharging
SLP081	521	'5928944_/5928954'		0.8	3.33	3.33	0.456	0.5	3.33	2.28 No	0.456 Thermal Discharging
SLP081	522	'422766195_/422766203'		0.8	3.33	3.33	0.456	0.5	3.33	2.28 No	0.456 Thermal Discharging
SLP081	523	'5928943_/5928941'		0.8	3.33	3.33	0.456	0.5	3.33	2.28 No	0.456 Thermal Discharging
SLP081	524	'43812371_/5924255'		1.13	3.33	3.33	0.456	0.5	3.33	2.28 No	0.456 Thermal Discharging
SLP081	525	'5914853_/5914863'		1.13	3.33	3.33	0.456	0.5	3.33	2.28 No	0.456 Thermal Discharging
SLP081	526	'43812867_/5925161'		2.4	10	10	1.368	1.7	10	6.84 No	1.368 Thermal Discharging
SLP081	527	'5928996_/422766151'		0.77	3.33	3.33	0.456	0.5	3.33	2.28 No	0.456 Thermal Discharging
SLP081	528	'5928918_/5928928'		0.77	3.33	3.33	0.456	0.5	3.33	2.28 No	0.456 Thermal Discharging
SLP081	529	'43815068_/43815070'		0.73	3.33	3.33	0.456	0.5	3.33	2.28 No	0.456 Thermal Discharging
SLP081	530	'5914852_/5914850'		1.07	3.33	3.33	0.456	0.5	3.33	2.28 No	0.456 Thermal Discharging
SLP081	531	'43812893_/5938205'		0.8	3.33	3.33	0.456	0.57	3.33	2.28 No	0.456 Thermal Discharging
SLP081	532	'5924258_/43812373'		1.03	3.33	3.33	0.456	0.5	3.33	2.28 No	0.456 Thermal Discharging
SLP081	533	'5925148_/5926343'		2.2	10	10	1.368	1.7	10	6.84 No	1.368 Thermal Discharging
SLP081	534	'5928839_/5928915'		0.73	3.33	3.33	0.456	0.5	3.33	2.28 No	0.456 Thermal Discharging
SLP081	535	'5928827_/5928824_2'		0.73	3.33	3.33	0.456	0.5	3.33	2.28 No	0.456 Thermal Discharging
SLP081	536	'43814969_/5930616'		0.73	3.33	3.33	0.456	0.5	3.33	2.28 No	0.456 Thermal Discharging
SLP081	537	'5924015_/5924025'		1.03	3.33	3.33	0.456	0.5	3.33	2.28 No	0.456 Thermal Discharging
SLP081	538	'5930605_/5930603_1'		0.7	3.33	3.33	0.456	0.5	3.33	2.28 No	0.456 Thermal Discharging
SLP081	539	'5929307_/5929317'		0.67	3.33	3.33	0.456	0.5	3.33	2.28 No	0.456 Thermal Discharging
SLP081	540	'5924273_/5924271'		0.97	3.33	3.33	0.456	0.5	3.33	2.28 No	0.456 Thermal Discharging
SLP081	541	'5928840_/5928837'		0.7	3.33	3.33	0.456	0.5	3.33	2.28 No	0.456 Thermal Discharging
SLP081	542	'43812437_/5914986'		1	3.33	3.33	0.456	0.5	3.33	2.28 No	0.456 Thermal Discharging
SLP081	543	'5924014_/5924012'		1	3.33	3.33	0.456	0.5	3.33	2.28 No	0.456 Thermal Discharging
SLP081	544	'5914892_/5914889'		0.97	3.33	3.33	0.456	0.5	3.33	2.28 No	0.456 Thermal Discharging
SLP081	545	'5925147_/5925145'		0.73	3.33	3.33	0.456	0.57	3.33	2.28 No	0.456 Thermal Discharging
SLP081	546	'5914908_/5914905'		0.97	3.33	3.33	0.456	0.5	3.33	2.28 No	0.456 Thermal Discharging
SLP081	547	'5938208_/43812895'		0.73	3.33	3.33	0.456	0.57	3.33	2.28 No	0.456 Thermal Discharging
SLP081	548	'5914836_/5924284'		0.93	3.33	3.33	0.456	0.5	3.33	2.28 No	0.456 Thermal Discharging
SLP081	549	'270451272_/5914918_1'		0.97	3.33	3.33	0.456	0.5	3.33	2.28 No	0.456 Thermal Discharging
SLP081	550	'270451259_/5914918_2'		0.97	3.33	3.33	0.456	0.5	3.33	2.28 No	0.456 Thermal Discharging
SLP081	551	'5899249_/7103514'		0.97	3.33	3.33	0.456	0.5	3.33	2.28 No	0.456 Thermal Discharging
SLP081	552	'491155584_/5899246_2'		0.97	3.33	3.33	0.456	0.5	3.33	2.28 No	0.456 Thermal Discharging
SLP081	553	'5928801_/5928824_1'		0.67	3.33	3.33	0.456	0.3	3.33	2.28 No	0.3 Element Fault
SLP081	554	'43812854_/5926326'		2	10	10	1.368	1.7	10	6.84 No	1.368 Thermal Discharging
SLP081	555	'5929294_/5929304'		0.63	3.33	3.33	0.456	0.5	3.33	2.28 No	0.456 Thermal Discharging
SLP081	556	'5929008_/5930603_2'		0.67	3.33	3.33	0.456	0.5	3.33	2.28 No	0.456 Thermal Discharging
SLP081	557	'5899248_/5899246_1'		0.93	3.33	3.33	0.456	0.3	3.33	2.28 No	0.3 Element Fault
SLP081	558	'5939241_/5939238'		0.93	3.33	3.33	0.456	0.5	3.33	2.28 No	0.456 Thermal Discharging
SLP081	559	'5914837_/5914834'		0.9	3.33	3.33	0.456	0.5	3.33	2.28 No	0.456 Thermal Discharging
SLP081	560	'43814913_/5928850'		0.67	3.33	3.33	0.456	0.5	3.33	2.28 No	0.456 Thermal Discharging
SLP081	561	'43812832_/43812834'		0.7	3.33	3.33	0.456	0.57	3.33	2.28 No	0.456 Thermal Discharging
SLP081	562	'43812270_/5939251'		0.9	3.33	3.33	0.456	0.5	3.33	2.28 No	0.456 Thermal Discharging
SLP081	563	'5928788_/5928798'		0.63	3.33	3.33	0.456	0.3	3.33	2.28 No	0.3 Element Fault
SLP081	564	'5914090_/5914100'		0.9	3.33	3.33	0.456	0.3	3.33	2.28 No	0.3 Element Fault
SLP081	565	'5929009_/5929006'		0.63	3.33	3.33	0.456	0.5	3.33	2.28 No	0.456 Thermal Discharging
SLP081	566	'43815057_/43815059'		0.6	3.33	3.33	0.456	0.5	3.33	2.28 No	0.456 Thermal Discharging
SLP081	567	'5937952_/5937950'		0.67	3.33	3.33	0.456	0.57	3.33	2.28 No	0.456 Thermal Discharging
SLP081	568	'5926329_/43812856'		1.9	9.7	10	1.368	1.7	10	6.84 No	1.368 Thermal Discharging
SLP081	569	'5939267_/43812272'		0.87	3.33	3.33	0.456	0.5	3.33	2.28 No	0.456 Thermal Discharging
SLP081	570	'43814902_/5928785'		0.63	3.33	3.33	0.456	0.3	3.33	2.28 No	0.3 Element Fault
SLP081	571	'5928853_/43814915'		0.6	3.33	3.33	0.456	0.5	3.33	2.28 No	0.456 Thermal Discharging
SLP081	572	'45277581_/5929278'		0.57	3.33	3.33	0.456	0.5	3.33	2.28 No	0.456 Thermal Discharging
SLP081	573	'5928814_/5928811'		0.6	3.33	3.33	0.456	0.3	3.33	2.28 No	0.3 Element Fault
SLP081	574	'43814980_/5929022'		0.6	3.33	3.33	0.456	0.5	3.33	2.28 No	0.456 Thermal Discharging
SLP081	575	'43806958_/43806960'		0.83	3.33	3.33	0.456	0.3	3.33	2.28 No	0.3 Element Fault
SLP081	576	'5939280_/5939290'		0.83	3.33	3.33	0.456	0.5	3.33	2.28 No	0.456 Thermal Discharging
SLP081	577	'5928774_/5928772'		0.6	3.3	3.33	0.456	0.3	3.33	2.28 No	0.3 Element Fault
SLP081	578	'5939279_/5939277'		0.8	3.33	3.33	0.456	0.5	3.33	2.28 No	0.456 Thermal Discharging
SLP081	579	'5914063_/5914074'		0.8	3.33	3.33	0.456	0.3	3.33	2.28 No	0.3 Element Fault
SLP081	580	'43814985_/43814982'		0.57	3.13	3.33	0.456	0.5	3.33	2.28 No	0.456 Thermal Discharging
SLP081	581	'43814936_/5928876'		0.57	3.13	3.33	0.456	0.3	3.33	2.28 No	0.3 Element Fault
SLP081	582	'5914050_/5914061'		0.77	3.33	3.33	0.456	0.3	3.33	2.28 No	0.3 Element Fault
SLP081	583	'5950962_/5950960'		0.57	3.1	3.33	0.456	0.3	3.33	2.28 No	0.3 Element Fault
SLP081	584	'43812281_/5939303'		0.77	3.33	3.33	0.456	0.5	3.33	2.28 No	0.456 Thermal Discharging
SLP081	585	'5939319_/43812283'		0.77	3.33	3.33	0.456	0.5	3.33	2.28 No	0.456 Thermal Discharging
SLP081	586	'43806947_/5914048'		0.73	3.33	3.33	0.456	0.3	3.33	2.28 No	0.3 Element Fault
SLP081	587	'5928892_/43814938'		0.53	2.9	3.33	0.456	0.3	3.33	2.28 No	0.3 Element Fault

Feeder Name	Feeder ID	Node	Primary Over- Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SLP081	588	'5939332_/_5939329'		0.73	3.33	3.33	0.456	0.5	3.33	2.28 No	0.456 Thermal Discharging
SLP081	589	'43814947_/_5928902'		0.5	2.77	3.33	0.456	0.3	3.33	2.28 No	0.3 Element Fault
SLP081	590	'5913995_/_43806949'		0.67	3.03	3.33	0.456	0.3	3.33	2.28 No	0.3 Element Fault
SLP081	591	'5924040_/_5939342'		0.7	3.3	3.33	0.456	0.5	3.33	2.28 No	0.456 Thermal Discharging
SLP081	592	'5929051_/_5929048'		0.5	2.67	3.33	0.456	0.3	3.33	2.28 No	0.3 Element Fault
SLP081	593	'5913996_/_5913993'		0.67	2.93	3.33	0.456	0.3	3.33	2.28 No	0.3 Element Fault
SLP081	594	'43812292_/_5924038'		0.7	3.17	3.33	0.456	0.5	3.33	2.28 No	0.456 Thermal Discharging
SLP081	595	'43806901_/_5914006'		0.67	2.87	3.33	0.456	0.3	3.33	2.28 No	0.3 Element Fault
SLP081	596	'5914022_/_43806903'		0.63	2.77	3.33	0.456	0.3	3.33	2.28 No	0.3 Element Fault
SLP081	597	'43814991_/_5929061'		0.47	2.5	3.33	0.456	0.3	3.33	2.28 No	0.3 Element Fault
SLP081	598	'5924054_/_43812294'		0.63	2.93	3.33	0.456	0.5	3.33	2.28 No	0.456 Thermal Discharging
SLP081	599	'5914038_/_5914035'		0.6	2.63	3.33	0.456	0.3	3.33	2.28 No	0.3 Element Fault
SLP081	600	'5929077_/_5929074'		0.47	2.4	3.33	0.456	0.3	3.33	2.28 No	0.3 Element Fault
SLP081	601	'43812303_/_5947638'		0.6	2.73	3.33	0.456	0.5	3.33	2.28 No	0.456 Thermal Discharging
SLP081	602	'43815002_/_5929087'		0.43	2.3	3.33	0.456	0.3	3.33	2.28 No	0.3 Element Fault
SLP081	603	'5947641_/_43812305'		0.57	2.57	3.33	0.456	0.5	3.33	2.28 No	0.456 Thermal Discharging
SLP081	604	'5929090_/_43815004'		0.43	2.23	3.33	0.456	0.3	3.33	2.28 No	0.3 Element Fault
SLP082	0	'SLP082_/_70211304'		10	10	10	2.02	10	10	10 No	2.02 Thermal Discharging
SLP082	1	'68712799_/_70211304'		10	10	10	2.02	10	10	2.85 No	2.02 Thermal Discharging
SLP082	2	'68712834_/_68712796_3'		10	10	10	2.02	10	10	2.84 No	2.02 Thermal Discharging
SLP082	3	'68712829_/_68712796_2'		10	10	10	2.02	10	10	2.84 No	2.02 Thermal Discharging
SLP082	4	'64629599_/_68712796_1'		10	10	10	2.02	10	10	2.84 No	2.02 Thermal Discharging
SLP082	5	'64629569_/_64629576'		10	10	10	2.02	10	10	2.84 No	2.02 Thermal Discharging
SLP082	6	'64629533_/_64629545'		10	10	10	2.02	10	10	2.83 No	2.02 Thermal Discharging
SLP082	7	'64629508_/_64629511'		10	10	10	2.02	10	10	2.83 No	2.02 Thermal Discharging
SLP082	8	'64629479_/_64629482'		10	10	10	2.02	10	10	2.83 No	2.02 Thermal Discharging
SLP082	9	'64513367_/_64629453'		10	10	10	2.02	10	10	2.83 No	2.02 Thermal Discharging
SLP082	10	'64513364_/_64513298'		10	10	10	2.02	10	10	2.82 No	2.02 Thermal Discharging
SLP082	11	'64513371_/_64513341'		10	10	10	2.02	10	10	2.82 No	2.02 Thermal Discharging
SLP082	12	'64513400_/_64513374'		10	10	10	2.02	10	10	2.82 No	2.02 Thermal Discharging
SLP082	13	'64513429_/_64513403'		10	10	10	2.02	10	10	2.82 No	2.02 Thermal Discharging
SLP082	14	'64513455_/_64513432'		10	10	10	2.02	10	10	2.81 No	2.02 Thermal Discharging
SLP082	15	'70211341_/_68712779'		10	10	10	2.02	10	10	2.83 No	2.02 Thermal Discharging
SLP082	16	'64513483_/_64513457'		10	10	10	2.02	10	10	2.81 No	2.02 Thermal Discharging
SLP082	17	'64513509_/_64513486'		10	10	10	2.02	10	10	2.81 No	2.02 Thermal Discharging
SLP082	18	'64513537_/_64513511'		10	10	10	2.02	10	10	2.81 No	2.02 Thermal Discharging
SLP082	19	'64513563_/_64513540'		10	10	10	2.02	10	10	2.81 No	2.02 Thermal Discharging
SLP082	20	'64513588_/_64513565'		10	10	10	2.02	10	10	2.81 No	2.02 Thermal Discharging
SLP082	21	'64513680_/_64513590'		10	10	10	2.02	10	10	2.81 No	2.02 Thermal Discharging
SLP082	22	'64513710_/_64513687'		10	10	10	2.02	10	10	2.81 No	2.02 Thermal Discharging
SLP082	23	'64513681_/_64513619'		10	10	10	2.02	10	10	2.81 No	2.02 Thermal Discharging
SLP082	24	'64513735_/_64513712'		10	10	10	2.02	10	10	2.81 No	2.02 Thermal Discharging
SLP082	25	'64513760_/_64513737'		10	10	10	2.02	10	10	2.81 No	2.02 Thermal Discharging
SLP082	26	'64513785_/_64513762'		10	10	10	2.02	10	10	2.81 No	2.02 Thermal Discharging
SLP082	27	'66634484_/_66634461'		10	10	10	2.02	10	10	2.81 No	2.02 Thermal Discharging
SLP082	28	'66634512_/_66634486'		10	10	10	2.02	10	10	2.81 No	2.02 Thermal Discharging
SLP082	29	'66634541_/_66634515'		10	10	10	2.02	10	10	2.81 No	2.02 Thermal Discharging
SLP082	30	'66634567_/_66634544'		10	10	10	2.02	10	10	2.81 No	2.02 Thermal Discharging
SLP082	31	'66634592_/_66634569'		10	10	10	2.02	10	10	2.81 No	2.02 Thermal Discharging
SLP082	32	'66634659_/_66634594'		10	10	10	2.02	10	10	2.81 No	2.02 Thermal Discharging
SLP082	33	'66634778_/_66634755'		10	10	10	2.02	10	10	2.81 No	2.02 Thermal Discharging
SLP082	34	'66634663_/_66634632'		10	10	10	2.02	10	10	2.81 No	2.02 Thermal Discharging
SLP082	35	'66634714_/_66634691'		10	10	10	2.02	10	10	2.81 No	2.02 Thermal Discharging
SLP082	36	'66634718_/_66634665'		10	10	10	2.02	10	10	2.81 No	2.02 Thermal Discharging
SLP082	37	'66634743_/_66634720'		10	10	10	2.02	10	10	2.81 No	2.02 Thermal Discharging
SLP082	38	'66789315_/_66789196_1'		10	10	10	2.02	10	10	2.81 No	2.02 Thermal Discharging
SLP082	39	'66789199_/_66789196_2'		10	10	10	2.02	10	10	2.81 No	2.02 Thermal Discharging
SLP082	40	'74082427_/_66789219_1'		10	10	10	2.02	10	10	2.81 No	2.02 Thermal Discharging
SLP082	41	'63538348_/_66789219_2'		10	10	10	2.02	10	10	2.81 No	2.02 Thermal Discharging
SLP082	42	'70812536_/_63538326'		10	10	10	2.02	10	10	2.81 No	2.02 Thermal Discharging
SLP082	43	'63538377_/_63538351'		10	10	10	2.02	10	10	2.81 No	2.02 Thermal Discharging
SLP082	44	'63538406_/_63538380'		10	10	10	2.02	10	10	2.81 No	2.02 Thermal Discharging
SLP082	45	'63538439_/_63538409'		10	10	10	2.02	10	10	2.81 No	2.02 Thermal Discharging
SLP082	46	'63538465_/_63538442'		10	10	10	2.02	10	10	2.81 No	2.02 Thermal Discharging
SLP082	47	'63538493_/_63538467'		10	10	10	2.02	10	10	2.81 No	2.02 Thermal Discharging
SLP082	48	'63538522_/_63538496'		10	10	10	2.02	10	10	2.81 No	2.02 Thermal Discharging
SLP082	49	'63538548_/_63538525'		10	10	10	2.02	10	10	2.81 No	2.02 Thermal Discharging
SLP082	50	'63538573_/_63538550'		10	10	10	2.02	10	10	2.81 No	2.02 Thermal Discharging
SLP082	51	'63538598_/_63538575'		10	10	10	2.02	10	10	2.81 No	2.02 Thermal Discharging
SLP082	52	'63538623_/_63538600'		10	10	10	2.02	10	10	2.81 No	2.02 Thermal Discharging
SLP082	53	'64349930_/_63538625'		10	10	10	2.02	10	10	2.81 No	2.02 Thermal Discharging
SLP082	54	'64349931_/_63538658'		10	10	10	2.02	10	10	2.81 No	2.02 Thermal Discharging
SLP082	55	'64349935_/_64349896'		10	10	10	2.02	10	10	2.81 No	2.02 Thermal Discharging
SLP082	56	'64349967_/_64349941'		10	10	10	2.02	10	10	2.81 No	2.02 Thermal Discharging
SLP082	57	'64349997_/_64349970'		10	10	10	2.02	10	10	2.81 No	2.02 Thermal Discharging
SLP082	58	'64350025_/_64349999'		10	10	10	2.02	10	10	2.81 No	2.02 Thermal Discharging
SLP082	59	'64350051_/_64350028'		10	10	10	2.02	10	10	2.81 No	2.02 Thermal Discharging
SLP082	60	'64350079_/_64350053'		10	10	10	2.02	10	10	2.81 No	2.02 Thermal Discharging
SLP082	61	'64350108_/_64350082'		10	10	10	2.02	10	10	2.81 No	2.02 Thermal Discharging
SLP082	62	'64350134_/_64350111'		10	10	10	2.02	10	10	2.81 No	2.02 Thermal Discharging
SLP082	63	'64350162_/_64350136'		10	10	10	2.02	10	10	2.81 No	2.02 Thermal Discharging
SLP082	64	'64350191_/_64350165'		10	10	10	2.02	10	10	2.81 No	2.02 Thermal Discharging
SLP082	65	'64350220_/_64350194'		10	10	10	2.02	10	10	2.81 No	2.02 Thermal Discharging
SLP082	66	'64350734_/_64350223'		10	10	10	2.02	10	10	2.81 No	2.02 Thermal Discharging
SLP082	67	'64350739_/_64350742'		10	10	10	2.02	10	10	2.81 No	2.02 Thermal Discharging
SLP082	68	'64350776_/_64350703'		10	10	10	2.02	10	10	2.81 No	2.02 Thermal Discharging
SLP082	69	'64350805_/_64350779'		10	10	10	2.02	10	10	2.81 No	2.02 Thermal Discharging
SLP082	70	'64350831_/_64350808'		10	10	10	2.02	10	10	2.81 No	2.02 Thermal Discharging
SLP082	71	'64350856_/_64350833'		10	10	10	2.02	10	10	2.81 No	2.02 Thermal Discharging
SLP082	72	'64350881_/_64350858'		10	10	10	2.02	10	10	2.81 No	2.02 Thermal Discharging
SLP082	73	'75931994_/_66668654'		10	10	10	2.02	10	10	2.81 No	2.02 Thermal Discharging
SLP082	74	'75931995_/_66668725'		10	10	10	2.02	10	10	2.81 No	2.02 Thermal Discharging
SLP082	75	'75932002_/_66668746'		10	10	10	2.02	10	10	2.81 No	2.02 Thermal Discharging
SLP082	76	'75932003_/_66668771'		10	10	10	2.02	10	10	2.81 No	2.02 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SLP082	77	'75932232_/66668796'		10	10	10	2.02	10	10	2.81 No	2.02 Thermal Discharging
SLP082	78	'75932007_/66668821'		10	10	10	2.02	10	10	2.81 No	2.02 Thermal Discharging
SLP082	79	'75932010_/66668842'		10	10	10	2.02	10	10	2.81 No	2.02 Thermal Discharging
SLP082	80	'75932011_/66668863'		10	10	10	2.02	10	10	2.81 No	2.02 Thermal Discharging
SLP082	81	'75932014_/66668884'		10	10	10	2.02	10	10	2.81 No	2.02 Thermal Discharging
SLP082	82	'75932015_/66668905'		10	10	10	2.02	10	10	2.81 No	2.02 Thermal Discharging
SLP082	83	'75932018_/66668930'		10	10	10	2.02	10	10	2.81 No	2.02 Thermal Discharging
SLP082	84	'75932019_/66668951'		10	10	10	2.02	10	10	2.81 No	2.02 Thermal Discharging
SLP082	85	'75932022_/66668976'		10	10	10	2.02	10	10	2.81 No	2.02 Thermal Discharging
SLP082	86	'75932023_/66669001'		10	10	10	2.02	10	10	2.81 No	2.02 Thermal Discharging
SLP082	87	'75932026_/66669022'		10	10	10	2.02	10	10	2.81 No	2.02 Thermal Discharging
SLP082	88	'75932027_/66669047'		10	10	10	2.02	10	10	2.81 No	2.02 Thermal Discharging
SLP082	89	'75932122_/66669072'		10	10	10	2.02	10	10	2.81 No	2.02 Thermal Discharging
SLP082	90	'75932142_/65410535'		10	10	10	2.02	10	10	2.81 No	2.02 Thermal Discharging
SLP082	91	'75932145_/65410556'		10	10	10	2.02	10	10	2.81 No	2.02 Thermal Discharging
SLP082	92	'75932038_/65410581'		10	10	10	2.02	10	10	2.81 No	2.02 Thermal Discharging
SLP082	93	'75932039_/65410602'		10	10	10	2.02	10	10	2.81 No	2.02 Thermal Discharging
SLP082	94	'75932042_/65410631'		10	10	10	2.02	10	10	2.81 No	2.02 Thermal Discharging
SLP082	95	'75932043_/65410656_1'		10	10	10	2.02	10	10	2.81 No	2.02 Thermal Discharging
SLP082	96	'75932285_/65410656_2'		10	10	10	2.02	10	10	2.81 No	2.02 Thermal Discharging
SLP082	97	'75932046_/65410681'		10	10	10	2.02	10	10	2.81 No	2.02 Thermal Discharging
SLP082	98	'75932047_/65410702'		10	10	10	2.02	10	10	2.81 No	2.02 Thermal Discharging
SLP082	99	'614079379_/611127286_2'		10	10	10	2.02	10	10	2.81 No	2.02 Thermal Discharging
SLP082	100	'75932092_/65410723'		10	10	10	2.02	10	10	2.81 No	2.02 Thermal Discharging
SLP082	101	'75932093_/65410744'		10	10	10	2.02	10	10	2.81 No	2.02 Thermal Discharging
SLP082	102	'611127075_/611127286_1'		10	10	10	2.02	10	10	2.81 No	2.02 Thermal Discharging
SLP082	103	'611127076_/611127073'		10	10	10	2.02	10	10	2.81 No	2.02 Thermal Discharging
SLP082	104	'611127093_/611127091'		10	10	10	2.02	4.5	10	2.81 No	2.02 Thermal Discharging
SLP082	105	'611127087_/611127085'		10	10	10	2.02	10	10	2.81 No	2.02 Thermal Discharging
SLP082	106	'611127081_/611127079'		10	10	10	2.02	10	10	2.81 No	2.02 Thermal Discharging
SLP082	107	'723222444_/611127231_1'		10	10	10	2.02	10	10	2.81 No	2.02 Thermal Discharging
SLP082	108	'71083944_/611127231_2'		10	10	10	2.02	10	10	2.81 No	2.02 Thermal Discharging
SLP082	109	'71083958_/71083514'		10	10	10	2.02	10	10	2.81 No	2.02 Thermal Discharging
SLP082	110	'71083930_/71083483'		10	10	10	2.02	10	10	2.81 No	2.02 Thermal Discharging
SLP082	111	'71083970_/71083545'		10	10	10	2.02	10	10	2.81 No	2.02 Thermal Discharging
SLP082	112	'635878535_/635878473'		10	10	10	2.02	10	10	2.81 No	2.02 Thermal Discharging
SLP082	113	'71084120_/71083582'		10	10	10	2.02	10	10	2.81 No	2.02 Thermal Discharging
SLP082	114	'71084180_/71083617'		10	10	10	2.02	10	10	2.81 No	2.02 Thermal Discharging
SLP082	115	'71084192_/71083652'		10	10	10	2.02	10	10	2.81 No	2.02 Thermal Discharging
SLP082	116	'71084216_/71083683'		10	10	10	2.02	10	10	2.81 No	2.02 Thermal Discharging
SLP082	117	'71084247_/71083714'		10	10	10	2.02	10	10	2.81 No	2.02 Thermal Discharging
SLP082	118	'71084048_/71083745'		10	10	10	2.02	10	10	2.81 No	2.02 Thermal Discharging
SLP082	119	'65408713_/635878502'		10	10	10	2.02	10	10	2.81 No	2.02 Thermal Discharging
SLP082	120	'71084060_/71083780'		10	10	10	2.02	10	10	2.81 No	2.02 Thermal Discharging
SLP082	121	'71084072_/71083811'		10	10	10	2.02	10	10	2.81 No	2.02 Thermal Discharging
SLP082	122	'71084084_/71083842'		10	10	10	2.02	10	10	2.81 No	2.02 Thermal Discharging
SLP082	123	'71084102_/71083879'		10	10	10	2.02	10	10	2.81 No	2.02 Thermal Discharging
SLP082	124	'665440408_/665440412'		10	10	10	2.02	10	10	2.81 No	2.02 Thermal Discharging
SLP082	125	'5977089_/5977439'		10	10	10	2.02	10	10	2.81 No	2.02 Thermal Discharging
SLP082	126	'5977090_/5977087'		10	10	10	2.02	10	10	2.81 No	2.02 Thermal Discharging
SLP082	127	'5992297_/5992311_1'		10	10	10	2.02	3.3	10	2.81 No	2.02 Thermal Discharging
SLP082	128	'5973882_/5992311_2'		10	10	10	2.02	3.3	10	2.81 No	2.02 Thermal Discharging
SLP082	129	'5978772_/5978769'		10	10	10	2.02	10	10	2.81 No	2.02 Thermal Discharging
SLP082	130	'43827033_/5992311_3'		10	10	10	2.02	3.3	10	2.81 No	2.02 Thermal Discharging
SLP082	131	'5978616_/5978786'		10	10	10	2.02	10	10	2.81 No	2.02 Thermal Discharging
SLP082	132	'5978615_/5978628_1'		10	10	10	2.02	1.5	10	2.81 No	1.5 Element Fault
SLP082	133	'5977180_/5978803'		10	10	10	2.02	10	10	2.81 No	2.02 Thermal Discharging
SLP082	134	'5978631_/5978628_2'		10	10	10	2.02	1.5	10	2.81 No	1.5 Element Fault
SLP082	135	'5986094_/5992328'		10	10	10	2.02	3.3	10	2.81 No	2.02 Thermal Discharging
SLP082	136	'5977181_/5977178'		10	10	10	2.02	10	10	2.81 No	2.02 Thermal Discharging
SLP082	137	'5977266_/5977297_1'		10	10	10	2.02	1.9	10	2.81 No	1.9 Element Fault
SLP082	138	'5977283_/5977297_2'		10	10	10	2.02	1.9	10	2.81 No	1.9 Element Fault
SLP082	139	'5977282_/5977297_3'		10	10	10	2.02	1.9	10	2.81 No	1.9 Element Fault
SLP082	140	'5977198_/5977195'		10	10	10	2.02	10	10	2.81 No	2.02 Thermal Discharging
SLP082	141	'5978650_/5978628_3'		10	10	10	2.02	1.5	10	2.81 No	1.5 Element Fault
SLP082	142	'43825366_/5977317'		10	10	10	2.02	1.9	10	2.81 No	1.9 Element Fault
SLP082	143	'5974018_/5977212'		10	10	10	2.02	10	10	2.81 No	2.02 Thermal Discharging
SLP082	144	'43825479_/5977334'		10	10	10	2.02	1.9	10	2.81 No	1.9 Element Fault
SLP082	145	'5973503_/5973879'	3.33	3.33	3.33	0.67	1	3.33	0.94 No	0.67 Thermal Discharging	
SLP082	146	'5974019_/5974033_1'		10	10	10	2.02	1.4	10	2.81 No	1.4 Element Fault
SLP082	147	'5977232_/5977229'		10	10	10	2.02	10	10	2.81 No	2.02 Thermal Discharging
SLP082	148	'5977053_/5977067'		10	10	10	2.02	1.9	10	2.81 No	1.9 Element Fault
SLP082	149	'5977354_/5977351'		10	10	10	2.02	1.9	10	2.81 No	1.9 Element Fault
SLP082	150	'5994318_/5986092'		10	10	10	2.02	3.3	10	2.81 No	2.02 Thermal Discharging
SLP082	151	'5977249_/5977246'		10	10	10	2.02	10	10	2.81 No	2.02 Thermal Discharging
SLP082	152	'5977036_/5977050'		10	10	10	2.02	1.9	10	2.81 No	1.9 Element Fault
SLP082	153	'8371452_/8371450_1'		10	10	10	2.02	2.4	10	2.81 No	2.02 Thermal Discharging
SLP082	154	'43825492_/5977368'		10	10	10	2.02	1.9	10	2.81 No	1.9 Element Fault
SLP082	155	'7066247_/7104782'		10	10	10	2.02	10	10	2.81 No	2.02 Thermal Discharging
SLP082	156	'43825340_/43825342'		10	10	10	2.02	1.9	10	2.81 No	1.9 Element Fault
SLP082	157	'43825505_/43825494'		10	10	10	2.02	1.9	10	2.81 No	1.9 Element Fault
SLP082	158	'7063337_/7066245'		10	10	10	2.02	10	10	2.81 No	2.02 Thermal Discharging
SLP082	159	'7063338_/7063348_1'	3.33	3.33	3.33	0.67	0.5	3.33	0.94 No	0.5 Element Fault	
SLP082	160	'5977405_/43825507'		10	10	10	2.02	1.9	10	2.81 No	1.9 Element Fault
SLP082	161	'5973570_/5977013'		10	10	10	2.02	1.9	10	2.81 No	1.9 Element Fault
SLP082	162	'5978603_/5978753_2'	3.33	3.33	3.33	0.67	0.5	3.33	0.94 No	0.5 Element Fault	
SLP082	163	'44052106_/7066262'		10	10	10	2.02	10	10	2.81 No	2.02 Thermal Discharging
SLP082	164	'7063350_/7063348_2'	3.33	3.33	3.33	0.67	0.5	3.33	0.94 No	0.5 Element Fault	
SLP082	165	'5978651_/5978648'		10	10	10	2.02	1.5	10	2.81 No	1.5 Element Fault
SLP082	166	'5976962_/5976959'		10	10	10	2.02	1.9	10	2.81 No	1.9 Element Fault
SLP082	167	'7066282_/44052108'		10	10	10	2.02	10	10	2.81 No	2.02 Thermal Discharging
SLP082	168	'44052115_/7063361'	3.33	3.33	3.33	0.67	0.5	3.33	0.94 No	0.5 Element Fault	
SLP082	169	'5976979_/5976976'		10	10	10	2.02	1.9	10	2.81 No	1.9 Element Fault
SLP082	170	'5973749_/5973746_2'	3.33	3.33	3.33	0.67	0.63	3.33	0.94 No	0.63 Element Fault	

Feeder Name	Feeder ID	Node	Primary Over- Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SLP082	171	'7066302_/_7066299'		10	10	10	2.02	10	10	2.81 No	2.02 Thermal Discharging
SLP082	172	'5973815_/_5976993'		10	10	10	2.02	1.9	10	2.81 No	1.9 Element Fault
SLP082	173	'7737625_/_8371450_2'		10	10	10	2.02	2.4	10	2.81 No	2.02 Thermal Discharging
SLP082	174	'7063377_/_44052121'	3.33		3.33	3.33	0.67	0.5	3.33	0.94 No	0.5 Element Fault
SLP082	175	'67484840_/_7066316'		10	10	10	2.02	10	10	2.81 No	2.02 Thermal Discharging
SLP082	176	'74081924_/_67484821_3'		10	10	10	2.02	10	10	2.81 No	2.02 Thermal Discharging
SLP082	177	'7066335_/_7066333'		10	10	10	2.02	10	10	2.81 No	2.02 Thermal Discharging
SLP082	178	'5974035_/_5974033_2'		10	10	10	2.02	1.4	10	2.81 No	1.4 Element Fault
SLP082	179	'7068908_/_7068905'		10	10	10	2.02	10	10	2.81 No	2.02 Thermal Discharging
SLP082	180	'5973502_/_43825274'	3.33		3.33	3.33	0.67	1	3.33	0.94 No	0.67 Thermal Discharging
SLP082	181	'5973553_/_5973567'		10	10	10	2.02	1.9	10	2.81 No	1.9 Element Fault
SLP082	182	'7737626_/_7737623'		10	10	10	2.02	2.4	10	2.81 No	2.02 Thermal Discharging
SLP082	183	'44052130_/_7063387'	3.33		3.33	3.33	0.67	0.5	3.33	0.94 No	0.5 Element Fault
SLP082	184	'7063390_/_7063400_1'	3.33		3.33	3.33	0.67	0.5	3.33	0.94 No	0.5 Element Fault
SLP082	185	'5973694_/_5978753_1'	3.33		3.33	3.33	0.67	0.5	3.33	0.94 No	0.5 Element Fault
SLP082	186	'67484913_/_67484821_2'		10	10	10	2.02	10	10	2.81 No	2.02 Thermal Discharging
SLP082	187	'44052187_/_7068922'		10	10	10	2.02	10	10	2.81 No	2.02 Thermal Discharging
SLP082	188	'7066430_/_67484821_1'		10	10	10	2.02	10	10	2.81 No	2.02 Thermal Discharging
SLP082	189	'7427274_/_8062467'		10	10	10	2.02	2.4	10	2.81 No	2.02 Thermal Discharging
SLP082	190	'7066356_/_7066353_1'		10	10	10	2.02	10	10	2.81 No	2.02 Thermal Discharging
SLP082	191	'7066228_/_7066427'		10	10	10	2.02	10	10	2.81 No	2.02 Thermal Discharging
SLP082	192	'7063403_/_7063400_2'	3.33		3.33	3.33	0.67	0.5	3.33	0.94 No	0.5 Element Fault
SLP082	193	'7066447_/_7066444'		10	10	10	2.02	10	10	2.81 No	2.02 Thermal Discharging
SLP082	194	'74608556_/_7066461_1'		10	10	10	2.02	1.6	10	2.81 No	1.6 Element Fault
SLP082	195	'5973814_/_5973812'		10	10	10	2.02	1.9	10	2.81 No	1.9 Element Fault
SLP082	196	'5973866_/_5973863'	3.33		3.33	3.33	0.67	0.63	3.33	0.94 No	0.63 Element Fault
SLP082	197	'5973795_/_5973829'		10	10	10	2.02	1.9	10	2.81 No	1.9 Element Fault
SLP082	198	'44052252_/_7066461_2'		10	10	10	2.02	1.6	10	2.81 No	1.6 Element Fault
SLP082	199	'43826314_/_5978685'		10	10	10	2.02	1.5	10	2.81 No	1.5 Element Fault
SLP082	200	'44051860_/_44051862'		10	10	10	2.02	10	10	2.81 No	2.02 Thermal Discharging
SLP082	201	'7427275_/_7427272'		10	10	10	2.02	2.4	10	2.81 No	2.02 Thermal Discharging
SLP082	202	'7066211_/_7066208_2'		10	10	10	2.02	10	10	2.81 No	2.02 Thermal Discharging
SLP082	203	'44052141_/_7063413'	3.33		3.33	3.33	0.67	0.5	3.33	0.94 No	0.5 Element Fault
SLP082	204	'7426695_/_7426712_1'		10	10	10	2.02	0.9	10	2.81 No	0.9 Element Fault
SLP082	205	'7066210_/_7066208_1'		10	10	10	2.02	10	10	2.81 No	2.02 Thermal Discharging
SLP082	206	'5973536_/_5973550'		10	10	10	2.02	1.9	10	2.81 No	1.9 Element Fault
SLP082	207	'7066481_/_44052254'		10	10	10	2.02	1.6	10	2.81 No	1.6 Element Fault
SLP082	208	'43825518_/_5977514'		10	10	10	2.02	1.9	10	2.81 No	1.9 Element Fault
SLP082	209	'7067753_/_7067751'		10	10	10	2.02	10	10	2.81 No	2.02 Thermal Discharging
SLP082	210	'7066498_/_7066495'		10	10	10	2.02	1.6	10	2.81 No	1.6 Element Fault
SLP082	211	'44052265_/_7066512'		10	10	10	2.02	1.6	10	2.81 No	1.6 Element Fault
SLP082	212	'7063429_/_7063426'	3.33		3.33	3.33	0.67	0.5	3.33	0.94 No	0.5 Element Fault
SLP082	213	'7068259_/_7068239'		10	10	10	2.02	10	10	2.81 No	2.02 Thermal Discharging
SLP082	214	'70256524_/_8108528_1'		10	10	10	2.02	10	10	2.81 No	2.02 Thermal Discharging
SLP082	215	'7062656_/_7104766'	3.33		3.33	3.33	0.67	0.63	3.33	0.94 No	0.63 Element Fault
SLP082	216	'7066532_/_7066529'		10	10	10	2.02	1.6	10	2.81 No	1.6 Element Fault
SLP082	217	'5974056_/_5974053_1'		10	10	10	2.02	1.4	10	2.81 No	1.4 Element Fault
SLP082	218	'7066194_/_7068222'		10	10	10	2.02	10	10	2.81 No	2.02 Thermal Discharging
SLP082	219	'5973748_/_5973746_1'	3.33		3.33	3.33	0.67	0.3	3.33	0.94 No	0.3 Element Fault
SLP082	220	'7063677_/_7066546'		10	10	10	2.02	1.6	10	2.81 No	1.6 Element Fault
SLP082	221	'43825568_/_5974053_2'		10	10	10	2.02	1.4	10	2.81 No	1.4 Element Fault
SLP082	222	'5978705_/_43826316'		10	10	10	2.02	1.5	10	2.81 No	1.5 Element Fault
SLP082	223	'43825353_/_5973792'		10	10	10	2.02	1.9	10	2.81 No	1.9 Element Fault
SLP082	224	'76234372_/_7737603_2'		10	10	10	2.02	2.4	10	2.81 No	2.02 Thermal Discharging
SLP082	225	'7062657_/_7062654_1'	3.33		3.33	3.33	0.67	0.3	3.33	0.94 No	0.3 Element Fault
SLP082	226	'75934264_/_7737603_1'		10	10	10	2.02	2.2	10	2.81 No	2.02 Thermal Discharging
SLP082	227	'7063678_/_7063675'		10	10	10	2.02	1.6	10	2.81 No	1.6 Element Fault
SLP082	228	'5973519_/_5973533'		10	10	10	2.02	1.9	10	2.81 No	1.9 Element Fault
SLP082	229	'44051814_/_7062654_2'	3.33		3.33	3.33	0.67	0.3	3.33	0.94 No	0.3 Element Fault
SLP082	230	'7063445_/_7063442'	3.33		3.33	3.33	0.67	0.5	3.33	0.94 No	0.5 Element Fault
SLP082	231	'70285087_/_75934261'		10	10	10	2.02	2.2	10	2.81 No	2.02 Thermal Discharging
SLP082	232	'43826327_/_5978719'		10	10	10	2.02	1.5	10	2.81 No	1.5 Element Fault
SLP082	233	'5973642_/_43825296_2'	3.33		3.33	3.33	0.67	0.63	3.33	0.94 No	0.63 Element Fault
SLP082	234	'43825329_/_43825331'	3.33		3.33	3.33	0.67	0.5	3.33	0.94 No	0.5 Element Fault
SLP082	235	'43826694_/_5994335'		10	10	10	2.02	2.2	10	2.81 No	2.02 Thermal Discharging
SLP082	236	'7062670_/_44051816'	3.33		3.33	3.33	0.67	0.3	3.33	0.94 No	0.3 Element Fault
SLP082	237	'43825379_/_43826696'		10	10	10	2.02	2.2	10	2.81 No	2.02 Thermal Discharging
SLP082	238	'5966984_/_43825520'		10	10	10	2.02	1.9	10	2.81 No	1.9 Element Fault
SLP082	239	'5973777_/_5973775'		10	10	10	2.02	1.9	10	2.81 No	1.9 Element Fault
SLP082	240	'43825392_/_43825381'		10	10	10	2.02	2.2	10	2.81 No	2.02 Thermal Discharging
SLP082	241	'43825406_/_43825394'		10	10	10	2.02	2.2	10	2.81 No	2.02 Thermal Discharging
SLP082	242	'5965642_/_43826329'		10	10	10	2.02	1.5	10	2.81 No	1.5 Element Fault
SLP082	243	'5974073_/_43825570'		10	10	10	2.02	1.4	10	2.81 No	1.4 Element Fault
SLP082	244	'43825419_/_5977141'		10	10	10	2.02	2.2	10	2.81 No	2.02 Thermal Discharging
SLP082	245	'7426715_/_7426712_2'		10	10	10	2.02	0.9	10	2.81 No	0.9 Element Fault
SLP082	246	'5973486_/_5973516'		10	10	10	2.02	1.9	10	2.81 No	1.9 Element Fault
SLP082	247	'43825294_/_43825296_1'	3.33		3.33	3.33	0.67	0.3	3.33	0.94 No	0.3 Element Fault
SLP082	248	'7426795_/_7426792_1'	6.67		6.67	6.67	1.35	0.6	6.67	1.87 No	0.6 Element Fault
SLP082	249	'410726619_/_410726584_1'		10	10	10	2.02	0.9	10	2.81 No	0.9 Element Fault
SLP082	250	'5973894_/_43825421'		10	10	10	2.02	2.2	10	2.81 No	2.02 Thermal Discharging
SLP082	251	'7475205_/_8108528_2'		10	10	10	2.02	10	10	2.81 No	2.02 Thermal Discharging
SLP082	252	'388618967_/_7063455_1'	3.33		3.33	3.33	0.67	0.5	3.33	0.94 No	0.5 Element Fault
SLP082	253	'44052278_/_7063692'		10	10	10	2.02	1.6	10	2.81 No	1.6 Element Fault
SLP082	254	'7475185_/_7475202_2'		10	10	10	2.02	10	10	2.81 No	2.02 Thermal Discharging
SLP082	255	'7068188_/_7475202_1'		10	10	10	2.02	10	10	2.81 No	2.02 Thermal Discharging
SLP082	256	'7063458_/_7063455_2'	3.33		3.33	3.33	0.67	0.5	3.33	0.94 No	0.5 Element Fault
SLP082	257	'44051803_/_7062683'	3.33		3.33	3.33	0.67	0.3	3.33	0.94 No	0.3 Element Fault
SLP082	258	'5973668_/_5973678'	3.33		3.33	3.33	0.67	0.5	3.33	0.94 No	0.5 Element Fault
SLP082	259	'49236485_/_7068199_2'		10	10	10	2.02	10	10	2.81 No	2.02 Thermal Discharging
SLP082	260	'7067521_/_7068199_1'		10	10	10	2.02	10	10	2.81 No	2.02 Thermal Discharging
SLP082	261	'43825432_/_5973892'		10	10	10	2.02	2.2	10	2.81 No	2.02 Thermal Discharging
SLP082	262	'70257042_/_471846589_2'		10	10	10	2.02	5.1	10	2.81 No	2.02 Thermal Discharging
SLP082	263	'9318954_/_7426792_2'	6.67		6.67	6.67	1.35	0.6	6.67	1.87 No	0.6 Element Fault
SLP082	264	'7067522_/_7067519'		10	10	10	2.02	10	10	2.81 No	2.02 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SLP082	265	'5973485_/_5973483'		10	10	10	2.02	1.9	10	2.81 No	1.9 Element Fault
SLP082	266	'5965643_/_5965640'		10	10	10	2.02	1.5	10	2.81 No	1.5 Element Fault
SLP082	267	'410726565_/_410726584_2'		10	10	10	2.02	0.9	10	2.81 No	0.9 Element Fault
SLP082	268	'7067542_/_7067539'		10	10	10	2.02	10	10	2.81 No	2.02 Thermal Discharging
SLP082	269	'5966985_/_5966982'		10	10	10	2.02	1.9	10	2.81 No	1.9 Element Fault
SLP082	270	'44052082_/_7067663'		10	10	10	2.02	10	10	2.81 No	2.02 Thermal Discharging
SLP082	271	'5965683_/_43826342'	3.33	3.33	3.33	0.67	0.5	3.33	0.94 No	0.5 Element Fault	0.5 Element Fault
SLP082	272	'44053293_/_7068186'	3.33	3.33	3.33	0.67	1	3.33	0.94 No	0.67 Thermal Discharging	0.67 Thermal Discharging
SLP082	273	'5965699_/_5965715'		10	10	10	2.02	1.5	10	2.81 No	1.5 Element Fault
SLP082	274	'7067099_/_7067096'		10	10	10	2.02	10	10	2.81 No	2.02 Thermal Discharging
SLP082	275	'8062033_/_8062031_1'		10	10	10	2.02	0.9	10	2.81 No	0.9 Element Fault
SLP082	276	'43825445_/_43825447'	3.33	3.33	3.33	0.67	0.73	3.33	0.94 No	0.67 Thermal Discharging	0.67 Thermal Discharging
SLP082	277	'7062686_/_44051805'	3.33	3.33	3.33	0.67	0.3	3.33	0.94 No	0.3 Element Fault	0.3 Element Fault
SLP082	278	'7067116_/_7067113'		10	10	10	2.02	10	10	2.81 No	2.02 Thermal Discharging
SLP082	279	'75934061_/_43825307'		10	10	10	2.02	1.9	10	2.81 No	1.9 Element Fault
SLP082	280	'7067133_/_7067130'		10	10	10	2.02	10	10	2.81 No	2.02 Thermal Discharging
SLP082	281	'44052152_/_7063468'	3.33	3.33	3.33	0.67	0.5	3.33	0.94 No	0.5 Element Fault	0.5 Element Fault
SLP082	282	'8062034_/_8062031_2'		10	10	10	2.02	0.9	10	2.81 No	0.9 Element Fault
SLP082	283	'5973616_/_5973626'	3.33	3.33	3.33	0.67	0.3	3.33	0.94 No	0.3 Element Fault	0.3 Element Fault
SLP082	284	'43826364_/_43826366'		10	10	10	2.02	1.9	10	2.81 No	1.9 Element Fault
SLP082	285	'43826412_/_5965697'	6.67	6.67	6.67	1.35	1	6.67	1.87 No	1 Element Fault	1 Element Fault
SLP082	286	'44052665_/_7067147'		10	10	10	2.02	10	10	2.81 No	2.02 Thermal Discharging
SLP082	287	'7067167_/_7067164'		10	10	10	2.02	10	10	2.81 No	2.02 Thermal Discharging
SLP082	288	'44052678_/_7067181'		10	10	10	2.02	10	10	2.81 No	2.02 Thermal Discharging
SLP082	289	'44052292_/_44052280'		10	10	10	2.02	1.6	10	2.81 No	1.6 Element Fault
SLP082	290	'75934073_/_5974674'		10	10	10	2.02	1.9	10	2.81 No	1.9 Element Fault
SLP082	291	'7063793_/_9365986_1'		10	10	10	2.02	1	10	2.81 No	1 Element Fault
SLP082	292	'44051994_/_7068173'	3.33	3.33	3.33	0.67	1	3.33	0.94 No	0.67 Thermal Discharging	0.67 Thermal Discharging
SLP082	293	'44052691_/_7067198'		10	10	10	2.02	10	10	2.81 No	2.02 Thermal Discharging
SLP082	294	'43825318_/_43825320'	3.33	3.33	3.33	0.67	0.5	3.33	0.94 No	0.5 Element Fault	0.5 Element Fault
SLP082	295	'5974677_/_9629059_1'		10	10	10	2.02	0.9	10	2.81 No	0.9 Element Fault
SLP082	296	'7047084_/_44052693'		10	10	10	2.02	10	10	2.81 No	2.02 Thermal Discharging
SLP082	297	'5974151_/_5974149'	3.33	3.33	3.33	0.67	0.73	3.33	0.94 No	0.67 Thermal Discharging	0.67 Thermal Discharging
SLP082	298	'7067217_/_7068835'		10	10	10	2.02	10	10	2.81 No	2.02 Thermal Discharging
SLP082	299	'43825531_/_5992277'		10	10	10	2.02	1.9	10	2.81 No	1.9 Element Fault
SLP082	300	'7067065_/_7068818'		10	10	10	2.02	10	10	2.81 No	2.02 Thermal Discharging
SLP082	301	'5979202_/_5979200_1'		10	10	10	2.02	1.9	10	2.81 No	1.9 Element Fault
SLP082	302	'7047085_/_7047082_1'	3.33	3.33	3.33	0.67	0.5	3.33	0.94 No	0.5 Element Fault	0.5 Element Fault
SLP082	303	'9365989_/_9365986_2'		10	10	10	2.02	1	10	2.81 No	1 Element Fault
SLP082	304	'7067218_/_7067215'		10	10	10	2.02	10	10	2.81 No	2.02 Thermal Discharging
SLP082	305	'9629061_/_9629059_2'		10	10	10	2.02	0.9	10	2.81 No	0.9 Element Fault
SLP082	306	'5974178_/_5974175'	3.33	3.33	3.33	0.67	0.73	3.33	0.94 No	0.67 Thermal Discharging	0.67 Thermal Discharging
SLP082	307	'91640543_/_44052154'	3.33	3.33	3.33	0.67	0.5	3.33	0.94 No	0.5 Element Fault	0.5 Element Fault
SLP082	308	'7046619_/_7067232'		10	10	10	2.02	10	10	2.81 No	2.02 Thermal Discharging
SLP082	309	'7067031_/_7067062'		10	10	10	2.02	10	10	2.81 No	2.02 Thermal Discharging
SLP082	310	'43826377_/_5979200_2'		10	10	10	2.02	1.9	10	2.81 No	1.9 Element Fault
SLP082	311	'7067081_/_44052621_2'		10	10	10	2.02	10	10	2.81 No	2.02 Thermal Discharging
SLP082	312	'5965627_/_43826414'	6.67	6.67	6.67	1.35	1	6.67	1.87 No	1 Element Fault	1 Element Fault
SLP082	313	'44052619_/_44052621_1'		10	10	10	2.02	1.5	10	2.81 No	1.5 Element Fault
SLP082	314	'7067252_/_7067249'		10	10	10	2.02	10	10	2.81 No	2.02 Thermal Discharging
SLP082	315	'7067852_/_7067993'		10	10	10	2.02	1.5	10	2.81 No	1.5 Element Fault
SLP082	316	'7047097_/_7047082_2'	3.33	3.33	3.33	0.67	0.5	3.33	0.94 No	0.5 Element Fault	0.5 Element Fault
SLP082	317	'7046371_/_7067028'		10	10	10	2.02	10	10	2.81 No	2.02 Thermal Discharging
SLP082	318	'7067268_/_7068013'		10	10	10	2.02	10	10	2.81 No	2.02 Thermal Discharging
SLP082	319	'7046620_/_7046617'	3.33	3.33	3.33	0.13	1.1	3.33	0.94 No	0.13 Thermal Discharging	0.13 Thermal Discharging
SLP082	320	'44052558_/_44052560'		10	10	10	2.02	10	10	2.81 No	2.02 Thermal Discharging
SLP082	321	'7046357_/_7046369_1'		10	10	10	2.02	1.6	10	2.81 No	1.6 Element Fault
SLP082	322	'7067738_/_44051996'	3.33	3.33	3.33	0.67	1	3.33	0.94 No	0.67 Thermal Discharging	0.67 Thermal Discharging
SLP082	323	'7067853_/_7067850'	3.33	3.33	3.33	0.67	0.5	3.33	0.94 No	0.5 Element Fault	0.5 Element Fault
SLP082	324	'7046804_/_7067266'		10	10	10	2.02	10	10	2.81 No	2.02 Thermal Discharging
SLP082	325	'5973603_/_5973613'	3.33	3.33	3.33	0.67	0.3	3.33	0.94 No	0.3 Element Fault	0.3 Element Fault
SLP082	326	'7064114_/_7067385'		10	10	10	2.02	10	10	2.81 No	2.02 Thermal Discharging
SLP082	327	'44688397_/_5973652'	3.33	3.33	3.33	0.67	0.5	3.33	0.94 No	0.5 Element Fault	0.5 Element Fault
SLP082	328	'70285118_/_65853440'		10	10	10	2.02	10	10	2.81 No	2.02 Thermal Discharging
SLP082	329	'65853412_/_65853415'		10	10	10	2.02	10	10	2.81 No	2.02 Thermal Discharging
SLP082	330	'65853371_/_65853390'		10	10	10	2.02	10	10	2.81 No	2.02 Thermal Discharging
SLP082	331	'7046824_/_7046840_2'	6.67	6.67	6.67	1.35	2.1	6.67	1.87 No	1.35 Thermal Discharging	1.35 Thermal Discharging
SLP082	332	'5974191_/_5974188'	3.33	3.33	3.33	0.67	0.73	3.33	0.94 No	0.67 Thermal Discharging	0.67 Thermal Discharging
SLP082	333	'590370571_/_590370211_1'		10	10	10	2.02	1.4	10	2.81 No	1.4 Element Fault
SLP082	334	'65853366_/_65853369'		10	10	10	2.02	10	10	2.81 No	2.02 Thermal Discharging
SLP082	335	'7046632_/_7046630'	3.33	3.33	3.33	0.13	1.1	3.33	0.94 No	0.13 Thermal Discharging	0.13 Thermal Discharging
SLP082	336	'75934030_/_5979217'		10	10	10	2.02	1.9	10	2.81 No	1.9 Element Fault
SLP082	337	'65853330_/_65853332'		10	10	10	2.02	10	10	2.81 No	2.02 Thermal Discharging
SLP082	338	'7046842_/_7046840_1'	6.67	6.67	6.67	1.35	1	6.67	1.87 No	1 Element Fault	1 Element Fault
SLP082	339	'7046342_/_7046369_2'		10	10	10	2.02	1.6	10	2.81 No	1.6 Element Fault
SLP082	340	'65853304_/_65853307'		10	10	10	2.02	10	10	2.81 No	2.02 Thermal Discharging
SLP082	341	'65853275_/_65853278'		10	10	10	2.02	10	10	2.81 No	2.02 Thermal Discharging
SLP082	342	'65853238_/_65853241'		10	10	10	2.02	10	10	2.81 No	2.02 Thermal Discharging
SLP082	343	'44052547_/_590370211_2'		10	10	10	2.02	1.4	10	2.81 No	1.4 Element Fault
SLP082	344	'44052632_/_7067863'	3.33	3.33	3.33	0.67	0.5	3.33	0.94 No	0.5 Element Fault	0.5 Element Fault
SLP082	345	'65853213_/_65853216'		10	10	10	2.02	10	10	2.81 No	2.02 Thermal Discharging
SLP082	346	'65853188_/_65853191'		10	10	10	2.02	10	10	2.81 No	2.02 Thermal Discharging
SLP082	347	'75934008_/_75934027'		10	10	10	2.02	1.9	10	2.81 No	1.9 Element Fault
SLP082	348	'5965628_/_5965625'	6.67	6.67	6.67	1.35	1	6.67	1.87 No	1 Element Fault	1 Element Fault
SLP082	349	'75934051_/_9318880_1'		10	10	10	2.02	1.1	10	2.81 No	1.1 Element Fault
SLP082	350	'5973976_/_43825533'		10	10	10	2.02	1.9	10	2.81 No	1.9 Element Fault
SLP082	351	'44051983_/_44051985'	3.33	3.33	3.33	0.67	0.5	3.33	0.94 No	0.5 Element Fault	0.5 Element Fault
SLP082	352	'65853160_/_65853166'		10	10	10	2.02	10	10	2.81 No	2.02 Thermal Discharging
SLP082	353	'5974207_/_5974204'	3.33	3.33	3.33	0.67	0.73	3.33	0.94 No	0.67 Thermal Discharging	0.67 Thermal Discharging
SLP082	354	'44052737_/_7046802'		10	10	10	2.02	4.8	10	2.81 No	2.02 Thermal Discharging
SLP082	355	'7065071_/_65853137'		10	10	10	2.02	10	10	2.81 No	2.02 Thermal Discharging
SLP082	356	'7064010_/_65853038'		10	10	10	2.02	10	10	2.81 No	2.02 Thermal Discharging
SLP082	357	'44053449_/_7068792'	3.33	3.33	3.33	0.67	0.5	3.33	0.94 No	0.5 Element Fault	0.5 Element Fault
SLP082	358	'65853513_/_7065099_1'	3.33	3.33	3.33	0.67	0.2	3.33	0.94 No	0.2 Element Fault	0.2 Element Fault

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SLP082	359	'7064085_/_590370222'	10	10	10	2.02	1.4	10	2.81 No	1.4	Element Fault
SLP082	360	'70646327_/_7046339'	10	10	10	2.02	1.6	10	2.81 No	1.6	Element Fault
SLP082	361	'7064443_/_44052739'	10	10	10	2.02	4.8	10	2.81 No	2.02	Thermal Discharging
SLP082	362	'5973602_/_5973600'	3.33	3.33	3.33	0.67	0.3	3.33	0.94 No	0.3	Element Fault
SLP082	363	'7064028_/_65852999'	10	10	10	2.02	10	10	2.81 No	2.02	Thermal Discharging
SLP082	364	'44052794_/_7064270'	6.67	6.67	6.67	1.35	1	6.67	1.87 No	1	Element Fault
SLP082	365	'65853483_/_7064056_1'	3.33	3.33	3.33	0.67	0.3	3.33	0.94 No	0.3	Element Fault
SLP082	366	'7066875_/_7066889'	10	10	10	2.02	10	10	2.81 No	2.02	Thermal Discharging
SLP082	367	'7066909_/_7066906'	10	10	10	2.02	10	10	2.81 No	2.02	Thermal Discharging
SLP082	368	'7046392_/_44052634'	3.33	3.33	3.33	0.67	0.5	3.33	0.94 No	0.5	Element Fault
SLP082	369	'7067303_/_7067300'	10	10	10	2.02	4.8	10	2.81 No	2.02	Thermal Discharging
SLP082	370	'7064444_/_7064441'	3.33	3.33	3.33	0.67	0.5	3.33	0.94 No	0.5	Element Fault
SLP082	371	'7066858_/_7066872'	10	10	10	2.02	10	10	2.81 No	2.02	Thermal Discharging
SLP082	372	'44052484_/_7066923'	10	10	10	2.02	10	10	2.81 No	2.02	Thermal Discharging
SLP082	373	'9318883_/_9318880_2'	10	10	10	2.02	1.1	10	2.81 No	1.1	Element Fault
SLP082	374	'7064654_/_7067317'	10	10	10	2.02	4.8	10	2.81 No	2.02	Thermal Discharging
SLP082	375	'44052471_/_7066855'	10	10	10	2.02	10	10	2.81 No	2.02	Thermal Discharging
SLP082	376	'7064431_/_7064457'	3.33	3.33	3.33	0.67	0.5	3.33	0.94 No	0.5	Element Fault
SLP082	377	'7066943_/_7066940'	10	10	10	2.02	10	10	2.81 No	2.02	Thermal Discharging
SLP082	378	'7064641_/_7064639_1'	3.33	3.33	3.33	0.67	0.5	3.33	0.94 No	0.5	Element Fault
SLP082	379	'7066960_/_7066957'	10	10	10	2.02	10	10	2.81 No	2.02	Thermal Discharging
SLP082	380	'7046326_/_7046324'	10	10	10	2.02	1.6	10	2.81 No	1.6	Element Fault
SLP082	381	'7066651_/_7066665'	10	10	10	2.02	10	10	2.81 No	2.02	Thermal Discharging
SLP082	382	'7046968_/_7063131'	3.33	3.33	3.33	0.67	0.5	3.33	0.94 No	0.5	Element Fault
SLP082	383	'44052750_/_7046672'	3.33	3.33	3.33	0.13	1.1	3.33	0.94 No	0.13	Thermal Discharging
SLP082	384	'7067337_/_7067334'	10	10	10	2.02	4.8	10	2.81 No	2.02	Thermal Discharging
SLP082	385	'7063994_/_7064056_2'	3.33	3.33	3.33	0.67	0.3	3.33	0.94 No	0.3	Element Fault
SLP082	386	'44052497_/_7066974'	10	10	10	2.02	10	10	2.81 No	2.02	Thermal Discharging
SLP082	387	'7046393_/_7046390'	3.33	3.33	3.33	0.67	0.5	3.33	0.94 No	0.5	Element Fault
SLP082	388	'7066634_/_7066648'	10	10	10	2.02	10	10	2.81 No	2.02	Thermal Discharging
SLP082	389	'5973977_/_5973974'	3.33	3.33	3.33	0.67	0.63	3.33	0.94 No	0.63	Element Fault
SLP082	390	'7046607_/_7046646'	3.33	3.33	3.33	0.13	1.1	3.33	0.94 No	0.13	Thermal Discharging
SLP082	391	'7046792_/_7064363'	3.33	3.33	3.33	0.67	0.5	3.33	0.94 No	0.5	Element Fault
SLP082	392	'7064908_/_7067351'	10	10	10	2.02	4.8	10	2.81 No	2.02	Thermal Discharging
SLP082	393	'7064629_/_7064639_2'	3.33	3.33	3.33	0.67	0.5	3.33	0.94 No	0.5	Element Fault
SLP082	394	'7064893_/_7064890_1'	6.67	6.67	6.67	1.35	1	6.67	1.87 No	1	Element Fault
SLP082	395	'7066994_/_44052499'	10	10	10	2.02	10	10	2.81 No	2.02	Thermal Discharging
SLP082	396	'43825456_/_5973915'	6.67	6.67	6.67	1.35	1	6.67	1.87 No	1	Element Fault
SLP082	397	'7066617_/_7066631'	10	10	10	2.02	10	10	2.81 No	2.02	Thermal Discharging
SLP082	398	'7067371_/_7067368'	10	10	10	2.02	4.8	10	2.81 No	2.02	Thermal Discharging
SLP082	399	'7065102_/_7065099_2'	3.33	3.33	3.33	0.67	0.2	3.33	0.94 No	0.2	Element Fault
SLP082	400	'44052351_/_44052353'	10	10	10	2.02	10	10	2.81 No	2.02	Thermal Discharging
SLP082	401	'44052510_/_7115484'	10	10	10	2.02	10	10	2.81 No	2.02	Thermal Discharging
SLP082	402	'7067891_/_7068805'	3.33	3.33	3.33	0.67	0.5	3.33	0.94 No	0.5	Element Fault
SLP082	403	'7064877_/_7064890_2'	6.67	6.67	6.67	1.35	1	6.67	1.87 No	1	Element Fault
SLP082	404	'7065830_/_7067405'	10	10	10	2.02	4.8	10	2.81 No	2.02	Thermal Discharging
SLP082	405	'44052806_/_44052796'	6.67	6.67	6.67	1.35	1	6.67	1.87 No	1	Element Fault
SLP082	406	'7064418_/_7064428'	3.33	3.33	3.33	0.67	0.5	3.33	0.94 No	0.5	Element Fault
SLP082	407	'6833242_/_6843715'	10	10	10	2.02	10	10	2.81 No	2.02	Thermal Discharging
SLP082	408	'7066583_/_7066597'	10	10	10	2.02	10	10	2.81 No	2.02	Thermal Discharging
SLP082	409	'7060413_/_7065828'	10	10	10	2.02	4.8	10	2.81 No	2.02	Thermal Discharging
SLP082	410	'7046406_/_7046403'	3.33	3.33	3.33	0.67	0.5	3.33	0.94 No	0.5	Element Fault
SLP082	411	'5974696_/_5974694'	3.33	3.33	3.33	0.67	0.3	3.33	0.94 No	0.3	Element Fault
SLP082	412	'7060398_/_7060377_3'	6.67	6.67	6.67	1.35	2.1	6.67	1.87 No	1.35	Thermal Discharging
SLP082	413	'6833243_/_6833240'	10	10	10	2.02	10	10	2.81 No	2.02	Thermal Discharging
SLP082	414	'7065848_/_7065845'	10	10	10	2.02	4.8	10	2.81 No	2.02	Thermal Discharging
SLP082	415	'7066582_/_7066580'	10	10	10	2.02	10	10	2.81 No	2.02	Thermal Discharging
SLP082	416	'7046955_/_7046965'	3.33	3.33	3.33	0.67	0.5	3.33	0.94 No	0.5	Element Fault
SLP082	417	'7064925_/_7065797'	6.67	6.67	6.67	1.35	1	6.67	1.87 No	1	Element Fault
SLP082	418	'7064072_/_7064082'	3.33	3.33	3.33	0.67	0.47	3.33	0.94 No	0.47	Element Fault
SLP082	419	'6833260_/_6833257'	10	10	10	2.02	10	10	2.81 No	2.02	Thermal Discharging
SLP082	420	'7069296_/_7069294'	10	10	10	2.02	1.6	10	2.81 No	1.6	Element Fault
SLP082	421	'44052338_/_7069340'	10	10	10	2.02	10	10	2.81 No	2.02	Thermal Discharging
SLP082	422	'7064616_/_7064626_2'	3.33	3.33	3.33	0.67	0.5	3.33	0.94 No	0.5	Element Fault
SLP082	423	'7063940_/_7063992'	3.33	3.33	3.33	0.67	0.3	3.33	0.94 No	0.3	Element Fault
SLP082	424	'7066565_/_7069357_1'	10	10	10	2.02	10	10	2.81 No	2.02	Thermal Discharging
SLP082	425	'44052523_/_7069357_2'	10	10	10	2.02	10	10	2.81 No	2.02	Thermal Discharging
SLP082	426	'7060608_/_7065862'	10	10	10	2.02	4.8	10	2.81 No	2.02	Thermal Discharging
SLP082	427	'7060380_/_7060377_2'	6.67	6.67	6.67	1.35	1	6.67	1.87 No	1	Element Fault
SLP082	428	'43999414_/_6846584'	10	10	10	2.02	10	10	2.81 No	2.02	Thermal Discharging
SLP082	429	'7475244_/_7475242_1'	10	10	10	2.02	1	10	2.81 No	1	Element Fault
SLP082	430	'7060595_/_7060592_3'	3.33	3.33	3.33	0.67	1.1	3.33	0.94 No	0.67	Thermal Discharging
SLP082	431	'44052960_/_7064890_3'	6.67	6.67	6.67	1.35	1	6.67	1.87 No	1	Element Fault
SLP082	432	'44052528_/_44052525'	10	10	10	2.02	10	10	2.81 No	2.02	Thermal Discharging
SLP082	433	'44052905_/_7064626_1'	3.33	3.33	3.33	0.67	0.5	3.33	0.94 No	0.5	Element Fault
SLP082	434	'7065882_/_7065879'	10	10	10	2.02	4.8	10	2.81 No	2.02	Thermal Discharging
SLP082	435	'44052726_/_7046604'	3.33	3.33	3.33	0.13	1.1	3.33	0.94 No	0.13	Thermal Discharging
SLP082	436	'7046688_/_7046685'	3.33	3.33	3.33	0.13	1.1	3.33	0.94 No	0.13	Thermal Discharging
SLP082	437	'6833548_/_6844771'	10	10	10	2.02	10	10	2.81 No	2.02	Thermal Discharging
SLP082	438	'44052783_/_44052785'	3.33	3.33	3.33	0.67	0.5	3.33	0.94 No	0.5	Element Fault
SLP082	439	'527115986_/_7064862_2'	3.33	3.33	3.33	0.67	0.5	3.33	0.94 No	0.5	Element Fault
SLP082	440	'44052643_/_7046416'	3.33	3.33	3.33	0.67	0.5	3.33	0.94 No	0.5	Element Fault
SLP082	441	'7060582_/_7060592_2'	3.33	3.33	3.33	0.67	0.5	3.33	0.94 No	0.5	Element Fault
SLP082	442	'7060783_/_7065896'	10	10	10	2.02	4.8	10	2.81 No	2.02	Thermal Discharging
SLP082	443	'6833549_/_6833546'	10	10	10	2.02	10	10	2.81 No	2.02	Thermal Discharging
SLP082	444	'633880057_/_7064923_1'	6.67	6.67	6.67	1.35	1	6.67	1.87 No	1	Element Fault
SLP082	445	'7060770_/_44051275_3'	3.33	3.33	3.33	0.67	1.6	3.33	0.94 No	0.67	Thermal Discharging
SLP082	446	'44002226_/_6847006'	10	10	10	2.02	10	10	2.81 No	2.02	Thermal Discharging
SLP082	447	'7475245_/_7475242_2'	10	10	10	2.02	1	10	2.81 No	1	Element Fault
SLP082	448	'44053028_/_7065112'	3.33	3.33	3.33	0.67	0.2	3.33	0.94 No	0.2	Element Fault
SLP082	449	'44052971_/_7064923_2'	6.67	6.67	6.67	1.35	1	6.67	1.87 No	1	Element Fault
SLP082	450	'44051206_/_7060377_1'	6.67	6.67	6.67	1.35	1	6.67	1.87 No	1	Element Fault
SLP082	451	'7065916_/_7065913'	10	10	10	2.02	4.8	10	2.81 No	2.02	Thermal Discharging
SLP082	452	'7060757_/_44051275_2'	3.33	3.33	3.33	0.67	0.5	3.33	0.94 No	0.5	Element Fault

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SLP082	453	'44052861_/7064535'	3.33		3.33	3.33	0.67	0.5	3.33	0.94 No	0.5 Element Fault
SLP082	454	'6833565_/44002228'	10		10	10	2.02	10	10	2.81 No	2.02 Thermal Discharging
SLP082	455	'7046486_/7067889'	3.33		3.33	3.33	0.67	0.5	3.33	0.94 No	0.5 Element Fault
SLP082	456	'75933882_/7065930'	10		10	10	2.02	4.8	10	2.81 No	2.02 Thermal Discharging
SLP082	457	'7064288_/44052808'	3.33		3.33	3.33	0.67	0.5	3.33	0.94 No	0.5 Element Fault
SLP082	458	'43825544_/5973987'	3.33		3.33	3.33	0.67	0.63	3.33	0.94 No	0.63 Element Fault
SLP082	459	'7064405_/7064415'	3.33		3.33	3.33	0.67	0.5	3.33	0.94 No	0.5 Element Fault
SLP082	460	'6833566_/6833563'	10		10	10	2.02	10	10	2.81 No	2.02 Thermal Discharging
SLP082	461	'7063927_/7063937_2'	3.33		3.33	3.33	0.67	0.3	3.33	0.94 No	0.3 Element Fault
SLP082	462	'7060620_/7060618'	3.33		3.33	3.33	0.67	0.5	3.33	0.94 No	0.5 Element Fault
SLP082	463	'6833583_/6833580'	10		10	10	2.02	10	10	2.81 No	2.02 Thermal Discharging
SLP082	464	'7064849_/7064862_1'	3.33		3.33	3.33	0.67	0.3	3.33	0.94 No	0.3 Element Fault
SLP082	465	'7063780_/52692514'	10		10	10	2.02	4.2	10	2.81 No	2.02 Thermal Discharging
SLP082	466	'44051217_/44051219'	6.67		6.67	6.67	1.35	1	6.67	1.87 No	1 Element Fault
SLP082	467	'43825461_/43825458'	6.67		6.67	6.67	1.35	1	6.67	1.87 No	1 Element Fault
SLP082	468	'7060569_/7060592_1'	3.33		3.33	3.33	0.67	0.5	3.33	0.94 No	0.5 Element Fault
SLP082	469	'43999538_/6833597'	10		10	10	2.02	10	10	2.81 No	2.02 Thermal Discharging
SLP082	470	'7046954_/7046952'	3.33		3.33	3.33	0.67	0.5	3.33	0.94 No	0.5 Element Fault
SLP082	471	'44051273_/44051275_1'	3.33		3.33	3.33	0.67	0.5	3.33	0.94 No	0.5 Element Fault
SLP082	472	'44052449_/7063937_1'	3.33		3.33	3.33	0.67	0.3	3.33	0.94 No	0.3 Element Fault
SLP082	473	'91640652_/7063777_2'	3.33		3.33	3.33	0.67	1	3.33	0.94 No	0.67 Thermal Discharging
SLP082	474	'7060798_/7060796'	3.33		3.33	3.33	0.67	0.5	3.33	0.94 No	0.5 Element Fault
SLP082	475	'6833617_/43999540'	10		10	10	2.02	10	10	2.81 No	2.02 Thermal Discharging
SLP082	476	'7064603_/7064613'	3.33		3.33	3.33	0.67	0.5	3.33	0.94 No	0.5 Element Fault
SLP082	477	'44052916_/7064755'	3.33		3.33	3.33	0.67	0.5	3.33	0.94 No	0.5 Element Fault
SLP082	478	'6833634_/6833631'	10		10	10	2.02	10	10	2.81 No	2.02 Thermal Discharging
SLP082	479	'44052460_/7063950'	3.33		3.33	3.33	0.67	0.3	3.33	0.94 No	0.3 Element Fault
SLP082	480	'7065128_/7065125'	3.33		3.33	3.33	0.67	0.2	3.33	0.94 No	0.2 Element Fault
SLP082	481	'7046432_/7046429'	3.33		3.33	3.33	0.67	0.5	3.33	0.94 No	0.5 Element Fault
SLP082	482	'43999525_/6833648'	10		10	10	2.02	10	10	2.81 No	2.02 Thermal Discharging
SLP082	483	'7046766_/7046776'	3.33		3.33	3.33	0.67	0.5	3.33	0.94 No	0.5 Element Fault
SLP082	484	'7064071_/44052538'	3.33		3.33	3.33	0.67	0.47	3.33	0.94 No	0.47 Element Fault
SLP082	485	'7060354_/7060364_2'	3.33		3.33	3.33	0.67	0.5	3.33	0.94 No	0.5 Element Fault
SLP082	486	'7067931_/7067928'	3.33		3.33	3.33	0.67	0.5	3.33	0.94 No	0.5 Element Fault
SLP082	487	'7060743_/7060741'	3.33		3.33	3.33	0.67	0.5	3.33	0.94 No	0.5 Element Fault
SLP082	488	'6833668_/6833665'	10		10	10	2.02	10	10	2.81 No	2.02 Thermal Discharging
SLP082	489	'7064836_/7064846'	3.33		3.33	3.33	0.67	0.3	3.33	0.94 No	0.3 Element Fault
SLP082	490	'69385960_/6844791'	10		10	10	2.02	10	10	2.81 No	2.02 Thermal Discharging
SLP082	491	'44052761_/7067902'	3.33		3.33	3.33	0.13	1.1	3.33	0.94 No	0.13 Thermal Discharging
SLP082	492	'156954877_/6839800_1'	3.33		3.33	3.33	0.67	0.5	3.33	0.94 No	0.5 Element Fault
SLP082	493	'44051195_/7060364_1'	3.33		3.33	3.33	0.67	0.5	3.33	0.94 No	0.5 Element Fault
SLP082	494	'69385973_/65940360'	10		10	10	2.02	10	10	2.81 No	2.02 Thermal Discharging
SLP082	495	'65940403_/65940381'	10		10	10	2.02	10	10	2.81 No	2.02 Thermal Discharging
SLP082	496	'7046581_/7046591'	3.33		3.33	3.33	0.13	1.1	3.33	0.94 No	0.13 Thermal Discharging
SLP082	497	'44052654_/7046442'	3.33		3.33	3.33	0.67	0.5	3.33	0.94 No	0.5 Element Fault
SLP082	498	'7064590_/7064600'	3.33		3.33	3.33	0.67	0.5	3.33	0.94 No	0.5 Element Fault
SLP082	499	'65940409_/65940406'	10		10	10	2.02	10	10	2.81 No	2.02 Thermal Discharging
SLP082	500	'44052850_/7064402'	3.33		3.33	3.33	0.67	0.5	3.33	0.94 No	0.5 Element Fault
SLP082	501	'7064300_/7067915'	3.33		3.33	3.33	0.67	0.5	3.33	0.94 No	0.5 Element Fault
SLP082	502	'7065141_/7065138'	3.33		3.33	3.33	0.67	0.2	3.33	0.94 No	0.2 Element Fault
SLP082	503	'65940479_/65940435'	10		10	10	2.02	10	10	2.81 No	2.02 Thermal Discharging
SLP082	504	'43825283_/5974707'	3.33		3.33	3.33	0.67	0.3	3.33	0.94 No	0.3 Element Fault
SLP082	505	'44051251_/7060631'	3.33		3.33	3.33	0.67	0.5	3.33	0.94 No	0.5 Element Fault
SLP082	506	'7064671_/7064668'	3.33		3.33	3.33	0.67	0.5	3.33	0.94 No	0.5 Element Fault
SLP082	507	'7069130_/7069140'	3.33		3.33	3.33	0.67	0.5	3.33	0.94 No	0.5 Element Fault
SLP082	508	'65940478_/65940456'	10		10	10	2.02	10	10	2.81 No	2.02 Thermal Discharging
SLP082	509	'44052704_/7046484'	3.33		3.33	3.33	0.67	0.5	3.33	0.94 No	0.5 Element Fault
SLP082	510	'6835630_/6839800_2'	3.33		3.33	3.33	0.67	0.5	3.33	0.94 No	0.5 Element Fault
SLP082	511	'43825625_/5974003'	3.33		3.33	3.33	0.67	0.63	3.33	0.94 No	0.63 Element Fault
SLP082	512	'67856246_/65940481'	10		10	10	2.02	10	10	2.81 No	2.02 Thermal Discharging
SLP082	513	'7060449_/7060446'	3.33		3.33	3.33	0.67	0.5	3.33	0.94 No	0.5 Element Fault
SLP082	514	'44051284_/7060809'	3.33		3.33	3.33	0.67	0.5	3.33	0.94 No	0.5 Element Fault
SLP082	515	'67856252_/65940502'	10		10	10	2.02	10	10	2.81 No	2.02 Thermal Discharging
SLP082	516	'7046461_/7046458'	3.33		3.33	3.33	0.67	0.5	3.33	0.94 No	0.5 Element Fault
SLP082	517	'44051240_/44051242'	3.33		3.33	3.33	0.67	0.5	3.33	0.94 No	0.5 Element Fault
SLP082	518	'7063914_/7063924'	3.33		3.33	3.33	0.67	0.3	3.33	0.94 No	0.3 Element Fault
SLP082	519	'67856264_/65940523'	10		10	10	2.02	10	10	2.81 No	2.02 Thermal Discharging
SLP082	520	'7064823_/7064833'	3.33		3.33	3.33	0.67	0.3	3.33	0.94 No	0.3 Element Fault
SLP082	521	'67856270_/65940544'	10		10	10	2.02	10	10	2.81 No	2.02 Thermal Discharging
SLP082	522	'7069129_/7069127'	3.33		3.33	3.33	0.67	0.5	3.33	0.94 No	0.5 Element Fault
SLP082	523	'43999514_/6835628'	3.33		3.33	3.33	0.67	0.5	3.33	0.94 No	0.5 Element Fault
SLP082	524	'7064577_/7064587'	3.33		3.33	3.33	0.67	0.5	3.33	0.94 No	0.5 Element Fault
SLP082	525	'44053039_/7065151'	3.33		3.33	3.33	0.67	0.2	3.33	0.94 No	0.2 Element Fault
SLP082	526	'67856276_/65940565'	10		10	10	2.02	10	10	2.81 No	2.02 Thermal Discharging
SLP082	527	'7046580_/7046578'	3.33		3.33	3.33	0.13	1.1	3.33	0.94 No	0.13 Thermal Discharging
SLP082	528	'7046753_/7046763'	3.33		3.33	3.33	0.67	0.5	3.33	0.94 No	0.5 Element Fault
SLP082	529	'7063966_/44052462'	3.33		3.33	3.33	0.67	0.3	3.33	0.94 No	0.3 Element Fault
SLP082	530	'102371322_/65940586_1'	10		10	10	2.02	10	10	2.81 No	2.02 Thermal Discharging
SLP082	531	'67856282_/65940586_2'	10		10	10	2.02	10	10	2.81 No	2.02 Thermal Discharging
SLP082	532	'7067944_/7067941'	3.33		3.33	3.33	0.67	0.5	3.33	0.94 No	0.5 Element Fault
SLP082	533	'7046701_/7046698'	3.33		3.33	3.33	0.13	1.1	3.33	0.94 No	0.13 Thermal Discharging
SLP082	534	'7064684_/7064681'	3.33		3.33	3.33	0.67	0.5	3.33	0.94 No	0.5 Element Fault
SLP082	535	'65940634_/65940607'	10		10	10	2.02	10	10	2.81 No	2.02 Thermal Discharging
SLP082	536	'65940639_/65940636'	10		10	10	2.02	10	10	2.81 No	2.02 Thermal Discharging
SLP082	537	'6835644_/43999516'	3.33		3.33	3.33	0.67	0.5	3.33	0.94 No	0.5 Element Fault
SLP082	538	'7046500_/44052706'	3.33		3.33	3.33	0.67	0.5	3.33	0.94 No	0.5 Element Fault
SLP082	539	'67856302_/65940657'	10		10	10	2.02	10	10	2.81 No	2.02 Thermal Discharging
SLP082	540	'7060341_/7060351'	3.33		3.33	3.33	0.67	0.5	3.33	0.94 No	0.5 Element Fault
SLP082	541	'7060462_/7060459'	3.33		3.33	3.33	0.67	0.5	3.33	0.94 No	0.5 Element Fault
SLP082	542	'67856308_/65940678'	10		10	10	2.02	10	10	2.81 No	2.02 Thermal Discharging
SLP082	543	'65940721_/65940699'	10		10	10	2.02	10	10	2.81 No	2.02 Thermal Discharging
SLP082	544	'7060825_/44051286'	3.33		3.33	3.33	0.67	0.5	3.33	0.94 No	0.5 Element Fault
SLP082	545	'7063901_/7063911'	3.33		3.33	3.33	0.67	0.3	3.33	0.94 No	0.3 Element Fault
SLP082	546	'65940727_/65940724'	10		10	10	2.02	10	10	2.81 No	2.02 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SLP082	547	'44052817_/_7064298'	3.33	3.33	3.33	0.67	0.5	3.33	0.94 No	0.5	Element Fault
SLP082	548	'44053515_/_7069387'	3.33	3.33	3.33	0.13	1.1	3.33	0.94 No	0.13	Thermal Discharging
SLP082	549	'7060650_/_44051253'	3.33	3.33	3.33	0.67	0.5	3.33	0.94 No	0.5	Element Fault
SLP082	550	'7046752_/_7046750'	3.33	3.33	3.33	0.67	0.5	3.33	0.94 No	0.5	Element Fault
SLP082	551	'44052894_/_7064574'	3.33	3.33	3.33	0.67	0.5	3.33	0.94 No	0.5	Element Fault
SLP082	552	'7046474_/_7046471'	3.33	3.33	3.33	0.67	0.5	3.33	0.94 No	0.5	Element Fault
SLP082	553	'65940767_/_65940745'	10	10	10	2.02	10	10	2.81 No	2.02	Thermal Discharging
SLP082	554	'6835657_/_6835654'	3.33	3.33	3.33	0.67	0.5	3.33	0.94 No	0.5	Element Fault
SLP082	555	'5974006_/_43825627'	3.33	3.33	3.33	0.67	0.63	3.33	0.94 No	0.63	Element Fault
SLP082	556	'65940792_/_65940770'	10	10	10	2.02	10	10	2.81 No	2.02	Thermal Discharging
SLP082	557	'7046714_/_7046711'	3.33	3.33	3.33	0.13	1.1	3.33	0.94 No	0.13	Thermal Discharging
SLP082	558	'7064810_/_7064820'	3.33	3.33	3.33	0.67	0.3	3.33	0.94 No	0.3	Element Fault
SLP082	559	'65940822_/_65940795'	10	10	10	2.02	10	10	2.81 No	2.02	Thermal Discharging
SLP082	560	'7063979_/_7063976'	3.33	3.33	3.33	0.67	0.3	3.33	0.94 No	0.3	Element Fault
SLP082	561	'44002298_/_65940824'	10	10	10	2.02	10	10	2.81 No	2.02	Thermal Discharging
SLP082	562	'7064379_/_7064389'	3.33	3.33	3.33	0.67	0.5	3.33	0.94 No	0.5	Element Fault
SLP082	563	'7065170_/_44053041'	3.33	3.33	3.33	0.67	0.2	3.33	0.94 No	0.2	Element Fault
SLP082	564	'44052927_/_7067967'	3.33	3.33	3.33	0.67	0.5	3.33	0.94 No	0.5	Element Fault
SLP082	565	'6836117_/_6847421'	10	10	10	2.02	10	10	2.81 No	2.02	Thermal Discharging
SLP082	566	'7046513_/_7046510'	3.33	3.33	3.33	0.67	0.5	3.33	0.94 No	0.5	Element Fault
SLP082	567	'7060543_/_7060553'	3.33	3.33	3.33	0.67	0.5	3.33	0.94 No	0.5	Element Fault
SLP082	568	'7060663_/_7060660'	3.33	3.33	3.33	0.67	0.5	3.33	0.94 No	0.5	Element Fault
SLP082	569	'7063665_/_7063898'	3.33	3.33	3.33	0.67	0.3	3.33	0.94 No	0.3	Element Fault
SLP082	570	'6836099_/_6836096_2'	6.67	6.67	6.67	1.35	3.1	6.67	1.87 No	1.35	Thermal Discharging
SLP082	571	'7060838_/_7060835'	3.33	3.33	3.33	0.67	0.5	3.33	0.94 No	0.5	Element Fault
SLP082	572	'43999963_/_6835667'	3.33	3.33	3.33	0.67	0.5	3.33	0.94 No	0.5	Element Fault
SLP082	573	'7060328_/_7060338'	3.33	3.33	3.33	0.67	0.5	3.33	0.94 No	0.5	Element Fault
SLP082	574	'6836135_/_6836132'	10	10	10	2.02	4.7	10	2.81 No	2.02	Thermal Discharging
SLP082	575	'44052949_/_7064807'	3.33	3.33	3.33	0.67	0.3	3.33	0.94 No	0.3	Element Fault
SLP082	576	'7060475_/_7060472'	3.33	3.33	3.33	0.67	0.5	3.33	0.94 No	0.5	Element Fault
SLP082	577	'44052872_/_7067954'	3.33	3.33	3.33	0.67	0.5	3.33	0.94 No	0.5	Element Fault
SLP082	578	'5974661_/_43825285'	3.33	3.33	3.33	0.67	0.3	3.33	0.94 No	0.3	Element Fault
SLP082	579	'6844922_/_6844919'	10	10	10	2.02	4.7	10	2.81 No	2.02	Thermal Discharging
SLP082	580	'7046568_/_7069374'	3.33	3.33	3.33	0.13	1.1	3.33	0.94 No	0.13	Thermal Discharging
SLP082	581	'6844939_/_6844936'	10	10	10	2.02	4.7	10	2.81 No	2.02	Thermal Discharging
SLP082	582	'6836084_/_6836096_1'	6.67	6.67	6.67	1.35	1	6.67	1.87 No	1	Element Fault
SLP082	583	'7060542_/_7060540'	3.33	3.33	3.33	0.67	0.5	3.33	0.94 No	0.5	Element Fault
SLP082	584	'7064314_/_7064311'	3.33	3.33	3.33	0.67	0.5	3.33	0.94 No	0.5	Element Fault
SLP082	585	'7060327_/_7060325'	3.33	3.33	3.33	0.67	0.5	3.33	0.94 No	0.5	Element Fault
SLP082	586	'6836377_/_6844956'	10	10	10	2.02	4.7	10	2.81 No	2.02	Thermal Discharging
SLP082	587	'6836154_/_6843459_1'	3.33	3.33	3.33	0.67	0.5	3.33	0.94 No	0.5	Element Fault
SLP082	588	'7060851_/_7060848'	3.33	3.33	3.33	0.67	0.5	3.33	0.94 No	0.5	Element Fault
SLP082	589	'44051262_/_7060673'	3.33	3.33	3.33	0.67	0.5	3.33	0.94 No	0.5	Element Fault
SLP082	590	'7064696_/_7067980'	3.33	3.33	3.33	0.67	0.5	3.33	0.94 No	0.5	Element Fault
SLP082	591	'6836360_/_6836340_3'	10	10	10	2.02	3.2	10	2.81 No	2.02	Thermal Discharging
SLP082	592	'6844976_/_6844973'	10	10	10	2.02	4.7	10	2.81 No	2.02	Thermal Discharging
SLP082	593	'6835807_/_43999965'	3.33	3.33	3.33	0.67	0.5	3.33	0.94 No	0.5	Element Fault
SLP082	594	'44000799_/_6843459_2'	3.33	3.33	3.33	0.67	0.5	3.33	0.94 No	0.5	Element Fault
SLP082	595	'44052715_/_7046526'	3.33	3.33	3.33	0.67	0.5	3.33	0.94 No	0.5	Element Fault
SLP082	596	'7064551_/_7064561'	3.33	3.33	3.33	0.67	0.5	3.33	0.94 No	0.5	Element Fault
SLP082	597	'44052772_/_7046724'	3.33	3.33	3.33	0.13	1.1	3.33	0.94 No	0.13	Thermal Discharging
SLP082	598	'6844993_/_6844990'	10	10	10	2.02	4.7	10	2.81 No	2.02	Thermal Discharging
SLP082	599	'7065183_/_7065180'	3.33	3.33	3.33	0.67	0.2	3.33	0.94 No	0.2	Element Fault
SLP082	600	'7064378_/_7064376'	3.33	3.33	3.33	0.67	0.5	3.33	0.94 No	0.5	Element Fault
SLP082	601	'44053050_/_7065211'	3.33	3.33	3.33	0.67	0.5	3.33	0.94 No	0.5	Element Fault
SLP082	602	'6836566_/_6845007'	10	10	10	2.02	4.7	10	2.81 No	2.02	Thermal Discharging
SLP082	603	'102371425_/_6836340_2'	10	10	10	2.02	1.5	10	2.81 No	1.5	Element Fault
SLP082	604	'7064784_/_7064794'	3.33	3.33	3.33	0.67	0.3	3.33	0.94 No	0.3	Element Fault
SLP082	605	'44052305_/_44052307'	3.33	3.33	3.33	0.67	0.3	3.33	0.94 No	0.3	Element Fault
SLP082	606	'6836553_/_6836550_2'	3.33	3.33	3.33	0.67	1	3.33	0.94 No	0.67	Thermal Discharging
SLP082	607	'7060689_/_44051264'	3.33	3.33	3.33	0.67	0.5	3.33	0.94 No	0.5	Element Fault
SLP082	608	'6845027_/_6845024'	10	10	10	2.02	4.7	10	2.81 No	2.02	Thermal Discharging
SLP082	609	'6836579_/_6836589_2'	3.33	3.33	3.33	0.67	1	3.33	0.94 No	0.67	Thermal Discharging
SLP082	610	'7046555_/_7046565'	3.33	3.33	3.33	0.13	1.1	3.33	0.94 No	0.13	Thermal Discharging
SLP082	611	'6836826_/_6845041'	10	10	10	2.02	4.7	10	2.81 No	2.02	Thermal Discharging
SLP082	612	'44000787_/_44000789'	6.67	6.67	6.67	1.35	1	6.67	1.87 No	1	Element Fault
SLP082	613	'6835820_/_6835817'	3.33	3.33	3.33	0.67	0.5	3.33	0.94 No	0.5	Element Fault
SLP082	614	'7064771_/_7064781'	3.33	3.33	3.33	0.67	0.3	3.33	0.94 No	0.3	Element Fault
SLP082	615	'6836813_/_6836810_2'	3.33	3.33	3.33	0.67	1.4	3.33	0.94 No	0.67	Thermal Discharging
SLP082	616	'7060702_/_7060699'	3.33	3.33	3.33	0.67	0.5	3.33	0.94 No	0.5	Element Fault
SLP082	617	'6836326_/_6836340_1'	10	10	10	2.02	1.5	10	2.81 No	1.5	Element Fault
SLP082	618	'6845061_/_6845058'	10	10	10	2.02	4.7	10	2.81 No	2.02	Thermal Discharging
SLP082	619	'6836839_/_6836836_2'	3.33	3.33	3.33	0.67	1.4	3.33	0.94 No	0.67	Thermal Discharging
SLP082	620	'44052828_/_7064324'	3.33	3.33	3.33	0.67	0.5	3.33	0.94 No	0.5	Element Fault
SLP082	621	'6845078_/_6845075'	10	10	10	2.02	4.7	10	2.81 No	2.02	Thermal Discharging
SLP082	622	'6843491_/_6843488'	3.33	3.33	3.33	0.67	0.5	3.33	0.94 No	0.5	Element Fault
SLP082	623	'7064697_/_7064694'	3.33	3.33	3.33	0.67	0.5	3.33	0.94 No	0.5	Element Fault
SLP082	624	'6832772_/_6845092'	10	10	10	2.02	4.7	10	2.81 No	2.02	Thermal Discharging
SLP082	625	'44051229_/_7060485'	3.33	3.33	3.33	0.67	0.5	3.33	0.94 No	0.5	Element Fault
SLP082	626	'7064550_/_7064548'	3.33	3.33	3.33	0.67	0.5	3.33	0.94 No	0.5	Element Fault
SLP082	627	'7064473_/_7064470'	3.33	3.33	3.33	0.67	0.5	3.33	0.94 No	0.5	Element Fault
SLP082	628	'44052839_/_44052841'	3.33	3.33	3.33	0.67	0.5	3.33	0.94 No	0.5	Element Fault
SLP082	629	'7060715_/_7060712'	3.33	3.33	3.33	0.67	0.5	3.33	0.94 No	0.5	Element Fault
SLP082	630	'6845112_/_6845109'	10	10	10	2.02	4.7	10	2.81 No	2.02	Thermal Discharging
SLP082	631	'581100100_/_6845126'	10	10	10	2.02	4.7	10	2.81 No	2.02	Thermal Discharging
SLP082	632	'44052983_/_7064944'	3.33	3.33	3.33	0.67	0.5	3.33	0.94 No	0.5	Element Fault
SLP082	633	'6836540_/_6836550_1'	3.33	3.33	3.33	0.67	0.5	3.33	0.94 No	0.5	Element Fault
SLP082	634	'6832773_/_6832770_1'	3.33	3.33	3.33	0.67	0.5	3.33	0.94 No	0.5	Element Fault
SLP082	635	'6836168_/_6836165'	3.33	3.33	3.33	0.67	0.5	3.33	0.94 No	0.5	Element Fault
SLP082	636	'6836800_/_6836810_1'	3.33	3.33	3.33	0.67	0.5	3.33	0.94 No	0.5	Element Fault
SLP082	637	'43825237_/_43825239'	3.33	3.33	3.33	0.67	0.3	3.33	0.94 No	0.3	Element Fault
SLP082	638	'6831867_/_7115501'	3.33	3.33	3.33	0.67	0.2	3.33	0.94 No	0.2	Element Fault
SLP082	639	'7063664_/_7063662'	3.33	3.33	3.33	0.67	0.3	3.33	0.94 No	0.3	Element Fault
SLP082	640	'7046542_/_7046539'	3.33	3.33	3.33	0.67	0.5	3.33	0.94 No	0.5	Element Fault

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SLP082	641	'6832760_/_6832770_2'	3.33		3.33	3.33	0.67	0.5	3.33	0.94 No	0.5 Element Fault
SLP082	642	'7065227_/_44053052'	3.33		3.33	3.33	0.67	0.5	3.33	0.94 No	0.5 Element Fault
SLP082	643	'44000775_/_44000777'	6.67		6.67	6.67	1.35	1	6.67	1.87 No	1 Element Fault
SLP082	644	'44051413_/_7060728'	3.33		3.33	3.33	0.67	0.5	3.33	0.94 No	0.5 Element Fault
SLP082	645	'44000849_/_6836323'	10		10	10	2.02	1.5	10	2.81 No	1.5 Element Fault
SLP082	646	'7064710_/_7064707'	3.33		3.33	3.33	0.67	0.5	3.33	0.94 No	0.5 Element Fault
SLP082	647	'7064770_/_7064768'	3.33		3.33	3.33	0.67	0.3	3.33	0.94 No	0.3 Element Fault
SLP082	648	'7046740_/_44052774'	3.33		3.33	3.33	0.13	1.1	3.33	0.94 No	0.13 Thermal Discharging
SLP082	649	'44052994_/_7064957'	3.33		3.33	3.33	0.67	0.5	3.33	0.94 No	0.5 Element Fault
SLP082	650	'6832799_/_6832796'	3.33		3.33	3.33	0.67	0.5	3.33	0.94 No	0.5 Element Fault
SLP082	651	'5973456_/_5974658'	3.33		3.33	3.33	0.67	0.3	3.33	0.94 No	0.3 Element Fault
SLP082	652	'7064340_/_7064337'	3.33		3.33	3.33	0.67	0.5	3.33	0.94 No	0.5 Element Fault
SLP082	653	'44052938_/_7064723'	3.33		3.33	3.33	0.67	0.5	3.33	0.94 No	0.5 Element Fault
SLP082	654	'6843504_/_6843501'	3.33		3.33	3.33	0.67	0.5	3.33	0.94 No	0.5 Element Fault
SLP082	655	'6835836_/_6835833'	3.33		3.33	3.33	0.67	0.5	3.33	0.94 No	0.5 Element Fault
SLP082	656	'44000961_/_44000963'	3.33		3.33	3.33	0.67	0.5	3.33	0.94 No	0.5 Element Fault
SLP082	657	'44053460_/_7068952'	3.33		3.33	3.33	0.67	0.5	3.33	0.94 No	0.5 Element Fault
SLP082	658	'7064486_/_7064483'	3.33		3.33	3.33	0.67	0.5	3.33	0.94 No	0.5 Element Fault
SLP082	659	'44052095_/_44052097'	3.33		3.33	3.33	0.13	1.1	3.33	0.94 No	0.13 Thermal Discharging
SLP082	660	'6836527_/_6836537'	3.33		3.33	3.33	0.67	0.5	3.33	0.94 No	0.5 Element Fault
SLP082	661	'7060501_/_7060498'	3.33		3.33	3.33	0.67	0.5	3.33	0.94 No	0.5 Element Fault
SLP082	662	'7064973_/_7064970'	3.33		3.33	3.33	0.67	0.5	3.33	0.94 No	0.5 Element Fault
SLP082	663	'7067686_/_7067696'	3.33		3.33	3.33	0.67	0.3	3.33	0.94 No	0.3 Element Fault
SLP082	664	'44000763_/_44000765'	6.67		6.67	6.67	1.35	1	6.67	1.87 No	1 Element Fault
SLP082	665	'7069090_/_7069101'	3.33		3.33	3.33	0.67	0.5	3.33	0.94 No	0.5 Element Fault
SLP082	666	'6836181_/_6836178'	3.33		3.33	3.33	0.67	0.5	3.33	0.94 No	0.5 Element Fault
SLP082	667	'7064499_/_7064496'	3.33		3.33	3.33	0.67	0.5	3.33	0.94 No	0.5 Element Fault
SLP082	668	'43999359_/_6831865'	3.33		3.33	3.33	0.67	0.2	3.33	0.94 No	0.2 Element Fault
SLP082	669	'7065321_/_7065318'	3.33		3.33	3.33	0.67	0.5	3.33	0.94 No	0.5 Element Fault
SLP082	670	'6836292_/_6836306'	10		10	10	2.02	1.5	10	2.81 No	1.5 Element Fault
SLP082	671	'6836774_/_6836784'	3.33		3.33	3.33	0.67	0.5	3.33	0.94 No	0.5 Element Fault
SLP082	672	'7064986_/_7064983'	3.33		3.33	3.33	0.67	0.5	3.33	0.94 No	0.5 Element Fault
SLP082	673	'44001027_/_6832809'	3.33		3.33	3.33	0.67	0.5	3.33	0.94 No	0.5 Element Fault
SLP082	674	'7065240_/_7065237'	3.33		3.33	3.33	0.67	0.5	3.33	0.94 No	0.5 Element Fault
SLP082	675	'43825248_/_5973467'	3.33		3.33	3.33	0.67	0.3	3.33	0.94 No	0.3 Element Fault
SLP082	676	'7065441_/_7065438'	3.33		3.33	3.33	0.13	1.1	3.33	0.94 No	0.13 Thermal Discharging
SLP082	677	'6832747_/_6832757'	3.33		3.33	3.33	0.67	0.5	3.33	0.94 No	0.5 Element Fault
SLP082	678	'7061164_/_44051415'	3.33		3.33	3.33	0.67	0.5	3.33	0.94 No	0.5 Element Fault
SLP082	679	'44000895_/_6836524'	3.33		3.33	3.33	0.67	0.5	3.33	0.94 No	0.5 Element Fault
SLP082	680	'6836038_/_6836036'	6.67		6.67	6.67	1.35	1	6.67	1.87 No	1 Element Fault
SLP082	681	'7064742_/_44052940'	3.33		3.33	3.33	0.67	0.5	3.33	0.94 No	0.5 Element Fault
SLP082	682	'7068941_/_7068939'	3.33		3.33	3.33	0.67	0.5	3.33	0.94 No	0.5 Element Fault
SLP082	683	'7064353_/_7064350'	3.33		3.33	3.33	0.67	0.5	3.33	0.94 No	0.5 Element Fault
SLP082	684	'44053005_/_7064996'	3.33		3.33	3.33	0.67	0.5	3.33	0.94 No	0.5 Element Fault
SLP082	685	'6836396_/_6843517'	3.33		3.33	3.33	0.67	0.5	3.33	0.94 No	0.5 Element Fault
SLP082	686	'7069078_/_7069088'	3.33		3.33	3.33	0.67	0.5	3.33	0.94 No	0.5 Element Fault
SLP082	687	'7067685_/_7067683'	3.33		3.33	3.33	0.67	0.3	3.33	0.94 No	0.3 Element Fault
SLP082	688	'6836761_/_6836771'	3.33		3.33	3.33	0.67	0.5	3.33	0.94 No	0.5 Element Fault
SLP082	689	'7060517_/_7060514'	3.33		3.33	3.33	0.67	0.5	3.33	0.94 No	0.5 Element Fault
SLP082	690	'6836275_/_6836289'	10		10	10	2.02	1.5	10	2.81 No	1.5 Element Fault
SLP082	691	'43999952_/_6835846'	3.33		3.33	3.33	0.67	0.5	3.33	0.94 No	0.5 Element Fault
SLP082	692	'7069271_/_7069281'	3.33		3.33	3.33	0.67	0.5	3.33	0.94 No	0.5 Element Fault
SLP082	693	'7065012_/_7065009'	3.33		3.33	3.33	0.67	0.5	3.33	0.94 No	0.5 Element Fault
SLP082	694	'6836194_/_6836191'	3.33		3.33	3.33	0.67	0.5	3.33	0.94 No	0.5 Element Fault
SLP082	695	'7067624_/_7067634'	3.33		3.33	3.33	0.13	1.1	3.33	0.94 No	0.13 Thermal Discharging
SLP082	696	'6832825_/_6832822'	3.33		3.33	3.33	0.67	0.5	3.33	0.94 No	0.5 Element Fault
SLP082	697	'45098106_/_6831878'	3.33		3.33	3.33	0.67	0.2	3.33	0.94 No	0.2 Element Fault
SLP082	698	'44052883_/_7064509'	3.33		3.33	3.33	0.67	0.5	3.33	0.94 No	0.5 Element Fault
SLP082	699	'6849010_/_6849022'	6.67		6.67	6.67	1.35	1	6.67	1.87 No	1 Element Fault
SLP082	700	'5973470_/_43825250'	3.33		3.33	3.33	0.67	0.3	3.33	0.94 No	0.3 Element Fault
SLP082	701	'7065253_/_7065250'	3.33		3.33	3.33	0.67	0.5	3.33	0.94 No	0.5 Element Fault
SLP082	702	'7065334_/_7065331'	3.33		3.33	3.33	0.67	0.5	3.33	0.94 No	0.5 Element Fault
SLP082	703	'7064512_/_7064522_1'	3.33		3.33	3.33	0.67	0.5	3.33	0.94 No	0.5 Element Fault
SLP082	704	'7065700_/_7065697'	3.33		3.33	3.33	0.67	0.5	3.33	0.94 No	0.5 Element Fault
SLP082	705	'6836748_/_6836758'	3.33		3.33	3.33	0.67	0.5	3.33	0.94 No	0.5 Element Fault
SLP082	706	'7061177_/_7061174'	3.33		3.33	3.33	0.67	0.5	3.33	0.94 No	0.5 Element Fault
SLP082	707	'44001016_/_44001018'	3.33		3.33	3.33	0.67	0.5	3.33	0.94 No	0.5 Element Fault
SLP082	708	'44001362_/_6836394'	3.33		3.33	3.33	0.67	0.5	3.33	0.94 No	0.5 Element Fault
SLP082	709	'6836501_/_6836511'	3.33		3.33	3.33	0.67	0.5	3.33	0.94 No	0.5 Element Fault
SLP082	710	'44053204_/_7065022'	3.33		3.33	3.33	0.67	0.5	3.33	0.94 No	0.5 Element Fault
SLP082	711	'44053482_/_7069007'	3.33		3.33	3.33	0.13	1.1	3.33	0.94 No	0.13 Thermal Discharging
SLP082	712	'6849009_/_6849007'	6.67		6.67	6.67	1.35	1	6.67	1.87 No	1 Element Fault
SLP082	713	'70257874_/_7069268'	3.33		3.33	3.33	0.67	0.5	3.33	0.94 No	0.5 Element Fault
SLP082	714	'7069077_/_7069075'	3.33		3.33	3.33	0.67	0.5	3.33	0.94 No	0.5 Element Fault
SLP082	715	'44053282_/_44053284'	3.33		3.33	3.33	0.13	1.1	3.33	0.94 No	0.13 Thermal Discharging
SLP082	716	'44053171_/_7065710'	3.33		3.33	3.33	0.67	0.5	3.33	0.94 No	0.5 Element Fault
SLP082	717	'44000836_/_44000838'	10		10	10	2.02	1.5	10	2.81 No	1.5 Element Fault
SLP082	718	'6840676_/_6840673'	3.33		3.33	3.33	0.67	0.5	3.33	0.94 No	0.5 Element Fault
SLP082	719	'44000950_/_44000952'	3.33		3.33	3.33	0.67	0.5	3.33	0.94 No	0.5 Element Fault
SLP082	720	'530300774_/_530300743'	3.33		3.33	3.33	0.67	0.5	3.33	0.94 No	0.5 Element Fault
SLP082	721	'7067611_/_7067608_2'	3.33		3.33	3.33	0.13	1.1	3.33	0.94 No	0.13 Thermal Discharging
SLP082	722	'7065771_/_7065768'	3.33		3.33	3.33	0.67	0.5	3.33	0.94 No	0.5 Element Fault
SLP082	723	'6840734_/_6840731'	3.33		3.33	3.33	0.67	0.5	3.33	0.94 No	0.5 Element Fault
SLP082	724	'44053138_/_7065529'	3.33		3.33	3.33	0.67	0.5	3.33	0.94 No	0.5 Element Fault
SLP082	725	'44051402_/_7060527'	3.33		3.33	3.33	0.67	0.5	3.33	0.94 No	0.5 Element Fault
SLP082	726	'44053083_/_7065344'	3.33		3.33	3.33	0.67	0.5	3.33	0.94 No	0.5 Element Fault
SLP082	727	'6835862_/_6835859'	3.33		3.33	3.33	0.67	0.5	3.33	0.94 No	0.5 Element Fault
SLP082	728	'7064525_/_7064522_2'	3.33		3.33	3.33	0.67	0.5	3.33	0.94 No	0.5 Element Fault
SLP082	729	'7061190_/_7061187'	3.33		3.33	3.33	0.67	0.5	3.33	0.94 No	0.5 Element Fault
SLP082	730	'6832733_/_6832731'	3.33		3.33	3.33	0.67	0.5	3.33	0.94 No	0.5 Element Fault
SLP082	731	'6832838_/_6832835'	3.33		3.33	3.33	0.67	0.5	3.33	0.94 No	0.5 Element Fault
SLP082	732	'7069023_/_7069020'	3.33		3.33	3.33	0.13	1.1	3.33	0.94 No	0.13 Thermal Discharging
SLP082	733	'44053061_/_7065263'	3.33		3.33	3.33	0.67	0.5	3.33	0.94 No	0.5 Element Fault
SLP082	734	'44002564_/_44002566'	6.67		6.67	6.67	1.35	1	6.67	1.87 No	1 Element Fault

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SLP082	735	'7065726_/_44053173'	3.33	3.33	3.33	0.67	0.5	3.33	0.94 No	0.5	Element Fault
SLP082	736	'44053193_/_7065784'	3.33	3.33	3.33	0.67	0.5	3.33	0.94 No	0.5	Element Fault
SLP082	737	'44000884_/_44000886'	3.33	3.33	3.33	0.67	0.5	3.33	0.94 No	0.5	Element Fault
SLP082	738	'530300755_/_530300778'	3.33	3.33	3.33	0.67	0.5	3.33	0.94 No	0.5	Element Fault
SLP082	739	'6836722_/_6836732'	3.33	3.33	3.33	0.67	0.5	3.33	0.94 No	0.5	Element Fault
SLP082	740	'7065545_/_7065542'	3.33	3.33	3.33	0.67	0.5	3.33	0.94 No	0.5	Element Fault
SLP082	741	'7065266_/_7067785_1'	3.33	3.33	3.33	0.67	0.5	3.33	0.94 No	0.5	Element Fault
SLP082	742	'6836241_/_6836255'	10	10	10	2.02	1.5	10	2.81 No	1.5	Element Fault
SLP082	743	'6840747_/_6840744'	3.33	3.33	3.33	0.67	0.5	3.33	0.94 No	0.5	Element Fault
SLP082	744	'7067598_/_7067608_1'	3.33	3.33	3.33	0.13	0.3	3.33	0.94 No	0.13	Thermal Discharging
SLP082	745	'6836709_/_6836719'	3.33	3.33	3.33	0.67	0.5	3.33	0.94 No	0.5	Element Fault
SLP082	746	'7065360_/_7065357'	3.33	3.33	3.33	0.67	0.5	3.33	0.94 No	0.5	Element Fault
SLP082	747	'7065787_/_44053195'	3.33	3.33	3.33	0.67	0.5	3.33	0.94 No	0.5	Element Fault
SLP082	748	'6849302_/_6849317'	6.67	6.67	6.67	1.35	1	6.67	1.87 No	1	Element Fault
SLP082	749	'7065558_/_7065555'	3.33	3.33	3.33	0.67	0.5	3.33	0.94 No	0.5	Element Fault
SLP082	750	'6836995_/_6837005'	3.33	3.33	3.33	0.67	0.5	3.33	0.94 No	0.5	Element Fault
SLP082	751	'7065453_/_7069033'	3.33	3.33	3.33	0.13	1.1	3.33	0.94 No	0.13	Thermal Discharging
SLP082	752	'6835878_/_6835875'	3.33	3.33	3.33	0.67	0.5	3.33	0.94 No	0.5	Element Fault
SLP082	753	'6832851_/_6832848'	3.33	3.33	3.33	0.67	0.5	3.33	0.94 No	0.5	Element Fault
SLP082	754	'7065574_/_7065571'	3.33	3.33	3.33	0.67	0.5	3.33	0.94 No	0.5	Element Fault
SLP082	755	'7061122_/_7061119'	3.33	3.33	3.33	0.67	0.5	3.33	0.94 No	0.5	Element Fault
SLP082	756	'7065373_/_7065370'	3.33	3.33	3.33	0.67	0.5	3.33	0.94 No	0.5	Element Fault
SLP082	757	'106513552_/_106513535'	3.33	3.33	3.33	0.67	0.5	3.33	0.94 No	0.5	Element Fault
SLP082	758	'44000939_/_6836706'	3.33	3.33	3.33	0.67	0.5	3.33	0.94 No	0.5	Element Fault
SLP082	759	'6836475_/_6836485'	3.33	3.33	3.33	0.67	0.5	3.33	0.94 No	0.5	Element Fault
SLP082	760	'6836224_/_6836238'	10	10	10	2.02	1.5	10	2.81 No	1.5	Element Fault
SLP082	761	'530300793_/_530300759'	3.33	3.33	3.33	0.67	0.5	3.33	0.94 No	0.5	Element Fault
SLP082	762	'7065739_/_7065736'	3.33	3.33	3.33	0.67	0.5	3.33	0.94 No	0.5	Element Fault
SLP082	763	'6840760_/_6840757'	3.33	3.33	3.33	0.67	0.5	3.33	0.94 No	0.5	Element Fault
SLP082	764	'7067788_/_7067785_2'	3.33	3.33	3.33	0.67	0.5	3.33	0.94 No	0.5	Element Fault
SLP082	765	'44053271_/_7067595'	3.33	3.33	3.33	0.13	0.3	3.33	0.94 No	0.13	Thermal Discharging
SLP082	766	'6849287_/_6849299'	6.67	6.67	6.67	1.35	1	6.67	1.87 No	1	Element Fault
SLP082	767	'6840773_/_6840770'	3.33	3.33	3.33	0.67	0.5	3.33	0.94 No	0.5	Element Fault
SLP082	768	'44001005_/_44001007'	3.33	3.33	3.33	0.67	0.5	3.33	0.94 No	0.5	Element Fault
SLP082	769	'6836683_/_6836693'	3.33	3.33	3.33	0.67	0.5	3.33	0.94 No	0.5	Element Fault
SLP082	770	'7065386_/_7065383'	3.33	3.33	3.33	0.67	0.5	3.33	0.94 No	0.5	Element Fault
SLP082	771	'6836223_/_6836221'	10	10	10	2.02	1.5	10	2.81 No	1.5	Element Fault
SLP082	772	'44053116_/_7065451'	3.33	3.33	3.33	0.13	1.1	3.33	0.94 No	0.13	Thermal Discharging
SLP082	773	'7067559_/_44053273'	3.33	3.33	3.33	0.13	0.3	3.33	0.94 No	0.13	Thermal Discharging
SLP082	774	'44053248_/_7061132'	3.33	3.33	3.33	0.67	0.5	3.33	0.94 No	0.5	Element Fault
SLP082	775	'7065814_/_530300797'	3.33	3.33	3.33	0.67	0.5	3.33	0.94 No	0.5	Element Fault
SLP082	776	'44053215_/_7065584'	3.33	3.33	3.33	0.67	0.5	3.33	0.94 No	0.5	Element Fault
SLP082	777	'44053182_/_7065752'	3.33	3.33	3.33	0.67	0.5	3.33	0.94 No	0.5	Element Fault
SLP082	778	'7065278_/_7067798_1'	3.33	3.33	3.33	0.67	0.5	3.33	0.94 No	0.5	Element Fault
SLP082	779	'6836670_/_6836680'	3.33	3.33	3.33	0.67	0.5	3.33	0.94 No	0.5	Element Fault
SLP082	780	'713927337_/_6840786_1'	3.33	3.33	3.33	0.67	0.3	3.33	0.94 No	0.3	Element Fault
SLP082	781	'44002576_/_6849284'	6.67	6.67	6.67	1.35	1	6.67	1.87 No	1	Element Fault
SLP082	782	'6836462_/_6836472'	3.33	3.33	3.33	0.67	0.5	3.33	0.94 No	0.5	Element Fault
SLP082	783	'44053072_/_7067798_2'	3.33	3.33	3.33	0.67	0.5	3.33	0.94 No	0.5	Element Fault
SLP082	784	'6840789_/_6840786_2'	3.33	3.33	3.33	0.67	0.3	3.33	0.94 No	0.3	Element Fault
SLP082	785	'7065467_/_44053118'	3.33	3.33	3.33	0.13	1.1	3.33	0.94 No	0.13	Thermal Discharging
SLP082	786	'6836969_/_6836979'	3.33	3.33	3.33	0.67	0.5	3.33	0.94 No	0.5	Element Fault
SLP082	787	'44000823_/_44000825'	10	10	10	2.02	1.5	10	2.81 No	1.5	Element Fault
SLP082	788	'7063231_/_7067556'	3.33	3.33	3.33	0.13	0.3	3.33	0.94 No	0.13	Thermal Discharging
SLP082	789	'44053094_/_7065396'	3.33	3.33	3.33	0.67	0.5	3.33	0.94 No	0.5	Element Fault
SLP082	790	'44000928_/_44000930'	3.33	3.33	3.33	0.67	0.5	3.33	0.94 No	0.5	Element Fault
SLP082	791	'7067572_/_7067569'	3.33	3.33	3.33	0.13	0.3	3.33	0.94 No	0.13	Thermal Discharging
SLP082	792	'7065480_/_7065477_1'	3.33	3.33	3.33	0.13	0.3	3.33	0.94 No	0.13	Thermal Discharging
SLP082	793	'44000873_/_6836459'	3.33	3.33	3.33	0.67	0.5	3.33	0.94 No	0.5	Element Fault
SLP082	794	'44053260_/_44053250'	3.33	3.33	3.33	0.67	0.5	3.33	0.94 No	0.5	Element Fault
SLP082	795	'7065603_/_44053217'	3.33	3.33	3.33	0.67	0.5	3.33	0.94 No	0.5	Element Fault
SLP082	796	'6849268_/_6849266'	6.67	6.67	6.67	1.35	1	6.67	1.87 No	1	Element Fault
SLP082	797	'44053127_/_7065477_2'	3.33	3.33	3.33	0.13	0.3	3.33	0.94 No	0.13	Thermal Discharging
SLP082	798	'7065755_/_44053184'	3.33	3.33	3.33	0.67	0.5	3.33	0.94 No	0.5	Element Fault
SLP082	799	'6836956_/_6836966'	3.33	3.33	3.33	0.67	0.5	3.33	0.94 No	0.5	Element Fault
SLP082	800	'44900769_/_6836654'	3.33	3.33	3.33	0.67	0.5	3.33	0.94 No	0.5	Element Fault
SLP082	801	'6836207_/_6849074'	10	10	10	2.02	1.5	10	2.81 No	1.5	Element Fault
SLP082	802	'7065279_/_44053074'	3.33	3.33	3.33	0.67	0.5	3.33	0.94 No	0.5	Element Fault
SLP082	803	'7069206_/_44053096'	3.33	3.33	3.33	0.67	0.5	3.33	0.94 No	0.5	Element Fault
SLP082	804	'7063189_/_7063228'	3.33	3.33	3.33	0.13	0.3	3.33	0.94 No	0.13	Thermal Discharging
SLP082	805	'6849363_/_6849373'	3.33	3.33	3.33	0.67	0.5	3.33	0.94 No	0.5	Element Fault
SLP082	806	'7065292_/_7065289'	3.33	3.33	3.33	0.67	0.5	3.33	0.94 No	0.5	Element Fault
SLP082	807	'6836436_/_6836446'	3.33	3.33	3.33	0.67	0.5	3.33	0.94 No	0.5	Element Fault
SLP082	808	'6836206_/_6836204'	10	10	10	2.02	1.5	10	2.81 No	1.5	Element Fault
SLP082	809	'7063202_/_7063199'	3.33	3.33	3.33	0.13	0.3	3.33	0.94 No	0.13	Thermal Discharging
SLP082	810	'44000994_/_44000996'	3.33	3.33	3.33	0.67	0.5	3.33	0.94 No	0.5	Element Fault
SLP082	811	'44053265_/_44053262'	3.33	3.33	3.33	0.67	0.5	3.33	0.94 No	0.5	Element Fault
SLP082	812	'6848981_/_6849360'	3.33	3.33	3.33	0.67	0.5	3.33	0.94 No	0.5	Element Fault
SLP082	813	'7065619_/_7065616'	3.33	3.33	3.33	0.67	0.5	3.33	0.94 No	0.5	Element Fault
SLP082	814	'44002450_/_44002452'	3.33	3.33	3.33	0.67	0.5	3.33	0.94 No	0.5	Element Fault
SLP082	815	'7065493_/_44053129'	3.33	3.33	3.33	0.13	0.3	3.33	0.94 No	0.13	Thermal Discharging
SLP082	816	'7063147_/_7063186'	3.33	3.33	3.33	0.13	0.3	3.33	0.94 No	0.13	Thermal Discharging
SLP082	817	'7065305_/_7065302'	3.33	3.33	3.33	0.67	0.5	3.33	0.94 No	0.5	Element Fault
SLP082	818	'420656115_/_6848529_2'	3.33	3.33	3.33	0.67	0.5	3.33	0.94 No	0.5	Element Fault
SLP082	819	'44002461_/_44002463'	3.33	3.33	3.33	0.67	0.5	3.33	0.94 No	0.5	Element Fault
SLP082	820	'7063244_/_7067647'	3.33	3.33	3.33	0.13	0.3	3.33	0.94 No	0.13	Thermal Discharging
SLP082	821	'44053105_/_7069216'	3.33	3.33	3.33	0.67	0.5	3.33	0.94 No	0.5	Element Fault
SLP082	822	'6836423_/_6836433'	3.33	3.33	3.33	0.67	0.5	3.33	0.94 No	0.5	Element Fault
SLP082	823	'44000810_/_44000812'	10	10	10	2.02	1.5	10	2.81 No	1.5	Element Fault
SLP082	824	'7063243_/_7063241'	3.33	3.33	3.33	0.13	0.3	3.33	0.94 No	0.13	Thermal Discharging
SLP082	825	'7063160_/_7063157'	3.33	3.33	3.33	0.13	0.3	3.33	0.94 No	0.13	Thermal Discharging
SLP082	826	'6836930_/_6836940'	3.33	3.33	3.33	0.67	0.5	3.33	0.94 No	0.5	Element Fault
SLP082	827	'7065506_/_7065503'	3.33	3.33	3.33	0.13	0.3	3.33	0.94 No	0.13	Thermal Discharging
SLP082	828	'44053237_/_7063215'	3.33	3.33	3.33	0.13	0.3	3.33	0.94 No	0.13	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SLP082	829	'742842964_/6848978'	3.33	3.33	3.33	0.67	0.5	3.33	0.94 No	0.5	Element Fault
SLP082	830	'44053149_/7065629'	3.33	3.33	3.33	0.67	0.5	3.33	0.94 No	0.5	Element Fault
SLP082	831	'6848531_/6848529_1'	3.33	3.33	3.33	0.67	0.5	3.33	0.94 No	0.5	Element Fault
SLP082	832	'6848741_/6848751'	3.33	3.33	3.33	0.67	0.5	3.33	0.94 No	0.5	Element Fault
SLP082	833	'7096641_/44002217'	3.33	3.33	3.33	0.67	0.5	3.33	0.94 No	0.5	Element Fault
SLP082	834	'7065519_/7065516'	3.33	3.33	3.33	0.13	0.3	3.33	0.94 No	0.13	Thermal Discharging
SLP082	835	'44052027_/7063254'	3.33	3.33	3.33	0.13	0.3	3.33	0.94 No	0.13	Thermal Discharging
SLP082	836	'6836917_/6836927'	3.33	3.33	3.33	0.67	0.5	3.33	0.94 No	0.5	Element Fault
SLP082	837	'7063176_/44052018'	3.33	3.33	3.33	0.13	0.3	3.33	0.94 No	0.13	Thermal Discharging
SLP082	838	'6849039_/6849037'	10	10	10	2.02	1.5	10	2.81 No	1.5	Element Fault
SLP082	839	'7068499_/7068496'	3.33	3.33	3.33	0.13	0.3	3.33	0.94 No	0.13	Thermal Discharging
SLP082	840	'44000862_/44000864'	3.33	3.33	3.33	0.67	0.5	3.33	0.94 No	0.5	Element Fault
SLP082	841	'7065412_/44053107'	3.33	3.33	3.33	0.67	0.5	3.33	0.94 No	0.5	Element Fault
SLP082	842	'7063218_/44053239'	3.33	3.33	3.33	0.13	0.3	3.33	0.94 No	0.13	Thermal Discharging
SLP082	843	'6836410_/6836407_2'	3.33	3.33	3.33	0.67	0.5	3.33	0.94 No	0.5	Element Fault
SLP082	844	'6848861_/6848871'	3.33	3.33	3.33	0.67	0.5	3.33	0.94 No	0.5	Element Fault
SLP082	845	'7065645_/7065642'	3.33	3.33	3.33	0.67	0.5	3.33	0.94 No	0.5	Element Fault
SLP082	846	'6848715_/6848738'	3.33	3.33	3.33	0.67	0.5	3.33	0.94 No	0.5	Element Fault
SLP082	847	'6849879_/6849889'	3.33	3.33	3.33	0.67	0.5	3.33	0.94 No	0.5	Element Fault
SLP082	848	'6848848_/6848858'	3.33	3.33	3.33	0.67	0.5	3.33	0.94 No	0.5	Element Fault
SLP082	849	'7065425_/7065422'	3.33	3.33	3.33	0.67	0.5	3.33	0.94 No	0.5	Element Fault
SLP082	850	'6836904_/6836914'	3.33	3.33	3.33	0.67	0.5	3.33	0.94 No	0.5	Element Fault
SLP082	851	'7063270_/7063267'	3.33	3.33	3.33	0.13	0.3	3.33	0.94 No	0.13	Thermal Discharging
SLP082	852	'44900627_/6836407_1'	3.33	3.33	3.33	0.67	0.5	3.33	0.94 No	0.5	Element Fault
SLP082	853	'6848562_/6849134'	10	10	10	2.02	1.5	10	2.81 No	1.5	Element Fault
SLP082	854	'7068512_/7068509'	3.33	3.33	3.33	0.13	0.3	3.33	0.94 No	0.13	Thermal Discharging
SLP082	855	'44053350_/7068708'	3.33	3.33	3.33	0.13	0.3	3.33	0.94 No	0.13	Thermal Discharging
SLP082	856	'44002516_/44002518'	3.33	3.33	3.33	0.67	0.5	3.33	0.94 No	0.5	Element Fault
SLP082	857	'7065658_/7065655'	3.33	3.33	3.33	0.67	0.5	3.33	0.94 No	0.5	Element Fault
SLP082	858	'6848727_/6848725'	3.33	3.33	3.33	0.67	0.5	3.33	0.94 No	0.5	Element Fault
SLP082	859	'6848835_/6848845'	3.33	3.33	3.33	0.67	0.5	3.33	0.94 No	0.5	Element Fault
SLP082	860	'7063283_/7063280'	3.33	3.33	3.33	0.13	0.3	3.33	0.94 No	0.13	Thermal Discharging
SLP082	861	'6849878_/6849876'	3.33	3.33	3.33	0.67	0.5	3.33	0.94 No	0.5	Element Fault
SLP082	862	'44000983_/44000985'	3.33	3.33	3.33	0.67	0.5	3.33	0.94 No	0.5	Element Fault
SLP082	863	'6848900_/6848897'	3.33	3.33	3.33	0.67	0.5	3.33	0.94 No	0.5	Element Fault
SLP082	864	'43999212_/43999214'	10	10	10	2.02	1.5	10	2.81 No	1.5	Element Fault
SLP082	865	'44053160_/7065668'	3.33	3.33	3.33	0.67	0.5	3.33	0.94 No	0.5	Element Fault
SLP082	866	'7068486_/7068483'	3.33	3.33	3.33	0.67	0.5	3.33	0.94 No	0.5	Element Fault
SLP082	867	'7047007_/44053352'	3.33	3.33	3.33	0.13	0.3	3.33	0.94 No	0.13	Thermal Discharging
SLP082	868	'6848659_/6848657'	3.33	3.33	3.33	0.67	0.5	3.33	0.94 No	0.5	Element Fault
SLP082	869	'7115306_/7115304'	3.33	3.33	3.33	0.67	0.5	3.33	0.94 No	0.5	Element Fault
SLP082	870	'6848819_/6848832'	3.33	3.33	3.33	0.67	0.5	3.33	0.94 No	0.5	Element Fault
SLP082	871	'7047019_/7047030'	3.33	3.33	3.33	0.13	0.3	3.33	0.94 No	0.13	Thermal Discharging
SLP082	872	'7068782_/7096690'	3.33	3.33	3.33	0.67	0.5	3.33	0.94 No	0.5	Element Fault
SLP082	873	'6834194_/7096664'	3.33	3.33	3.33	0.13	0.3	3.33	0.94 No	0.13	Thermal Discharging
SLP082	874	'7063296_/7063293'	3.33	3.33	3.33	0.13	0.3	3.33	0.94 No	0.13	Thermal Discharging
SLP082	875	'45202319_/7065681'	3.33	3.33	3.33	0.67	0.5	3.33	0.94 No	0.5	Element Fault
SLP082	876	'6836890_/6836888'	3.33	3.33	3.33	0.67	0.5	3.33	0.94 No	0.5	Element Fault
SLP082	877	'44053383_/7068779'	3.33	3.33	3.33	0.67	0.5	3.33	0.94 No	0.5	Element Fault
SLP082	878	'7063312_/7063309'	3.33	3.33	3.33	0.13	0.3	3.33	0.94 No	0.13	Thermal Discharging
SLP082	879	'6831459_/6848542'	10	10	10	2.02	1.5	10	2.81 No	1.5	Element Fault
SLP082	880	'7047046_/7047043'	3.33	3.33	3.33	0.13	0.3	3.33	0.94 No	0.13	Thermal Discharging
SLP082	881	'6848818_/6848816'	3.33	3.33	3.33	0.67	0.5	3.33	0.94 No	0.5	Element Fault
SLP082	882	'44002540_/6848910'	3.33	3.33	3.33	0.67	0.5	3.33	0.94 No	0.5	Element Fault
SLP082	883	'6834195_/6834192'	3.33	3.33	3.33	0.13	0.3	3.33	0.94 No	0.13	Thermal Discharging
SLP082	884	'44002505_/44002507'	3.33	3.33	3.33	0.67	0.5	3.33	0.94 No	0.5	Element Fault
SLP082	885	'44053339_/7047017'	3.33	3.33	3.33	0.13	0.3	3.33	0.94 No	0.13	Thermal Discharging
SLP082	886	'7068753_/7068766'	3.33	3.33	3.33	0.67	0.5	3.33	0.94 No	0.5	Element Fault
SLP082	887	'43999168_/43999170'	3.33	3.33	3.33	0.67	0.5	3.33	0.94 No	0.5	Element Fault
SLP082	888	'6848676_/6848673'	3.33	3.33	3.33	0.67	0.5	3.33	0.94 No	0.5	Element Fault
SLP082	889	'6848605_/6849108'	3.33	3.33	3.33	0.67	0.5	3.33	0.94 No	0.5	Element Fault
SLP082	890	'6831458_/6831456'	10	10	10	2.02	1.5	10	2.81 No	1.5	Element Fault
SLP082	891	'44053328_/7068721'	2.37	3.33	3.33	0.13	0.3	3.33	0.94 No	0.13	Thermal Discharging
SLP082	892	'6848702_/6848699'	3.33	3.33	3.33	0.67	0.5	3.33	0.94 No	0.5	Element Fault
SLP082	893	'6848592_/6848602'	3.33	3.33	3.33	0.67	0.5	3.33	0.94 No	0.5	Element Fault
SLP082	894	'44053394_/44053396'	3.33	3.33	3.33	0.67	0.5	3.33	0.94 No	0.5	Element Fault
SLP082	895	'6834140_/6834205'	2.2	3.33	3.33	0.13	0.3	3.33	0.94 No	0.13	Thermal Discharging
SLP082	896	'45295858_/6848923'	3.33	3.33	3.33	0.67	0.5	3.33	0.94 No	0.5	Element Fault
SLP082	897	'6848634_/6848644'	3.33	3.33	3.33	0.67	0.5	3.33	0.94 No	0.5	Element Fault
SLP082	898	'6831625_/6831635'	3.33	3.33	3.33	0.67	0.5	3.33	0.94 No	0.5	Element Fault
SLP082	899	'44051424_/7115317'	10	10	10	2.02	1.5	10	2.81 No	1.5	Element Fault
SLP082	900	'7068724_/44053330'	2.03	3.33	3.33	0.13	0.3	3.33	0.94 No	0.13	Thermal Discharging
SLP082	901	'7047020_/44053341'	2.03	3.33	3.33	0.13	0.3	3.33	0.94 No	0.13	Thermal Discharging
SLP082	902	'6848618_/6848631'	3.33	3.33	3.33	0.67	0.5	3.33	0.94 No	0.5	Element Fault
SLP082	903	'44002494_/6848686'	3.33	3.33	3.33	0.67	0.5	3.33	0.94 No	0.5	Element Fault
SLP082	904	'6848591_/44002485'	3.33	3.33	3.33	0.67	0.5	3.33	0.94 No	0.5	Element Fault
SLP082	905	'7061205_/7068688'	10	10	10	2.02	1.5	10	2.81 No	1.5	Element Fault
SLP082	906	'44053372_/44053374'	3.33	3.33	3.33	0.67	0.5	3.33	0.94 No	0.5	Element Fault
SLP082	907	'7068665_/7068662_2'	3.33	3.33	3.33	0.67	0.5	3.33	0.94 No	0.5	Element Fault
SLP082	908	'6834153_/6834150'	1.9	3.33	3.33	0.13	0.3	3.33	0.94 No	0.13	Thermal Discharging
SLP082	909	'43999381_/43999383'	1.87	3.33	3.33	0.13	0.3	3.33	0.94 No	0.13	Thermal Discharging
SLP082	910	'6831612_/6831622'	3.33	3.33	3.33	0.67	0.5	3.33	0.94 No	0.5	Element Fault
SLP082	911	'7068737_/7096677'	3.33	3.33	3.33	0.67	0.5	3.33	0.94 No	0.5	Element Fault
SLP082	912	'6848617_/6848615'	3.33	3.33	3.33	0.67	0.5	3.33	0.94 No	0.5	Element Fault
SLP082	913	'7061206_/7061203'	10	10	10	2.02	1.5	10	2.81 No	1.5	Element Fault
SLP082	914	'7061242_/7068662_1'	3.33	3.33	3.33	0.67	0.3	3.33	0.94 No	0.3	Element Fault
SLP082	915	'7046857_/7046855'	3.33	3.33	3.33	0.67	0.5	3.33	0.94 No	0.5	Element Fault
SLP082	916	'6848689_/44002496'	3.33	3.33	3.33	0.67	0.5	3.33	0.94 No	0.5	Element Fault
SLP082	917	'43999392_/6834163'	1.77	3.33	3.33	0.13	0.3	3.33	0.94 No	0.13	Thermal Discharging
SLP082	918	'6834114_/6834124'	1.73	3.33	3.33	0.13	0.3	3.33	0.94 No	0.13	Thermal Discharging
SLP082	919	'44002472_/6848576'	1.73	3.33	3.33	0.13	0.3	3.33	0.94 No	0.13	Thermal Discharging
SLP082	920	'6831599_/6831609'	3.33	3.33	3.33	0.67	0.5	3.33	0.94 No	0.5	Element Fault
SLP082	921	'6834182_/6834179'	1.7	3.33	3.33	0.13	0.3	3.33	0.94 No	0.13	Thermal Discharging
SLP082	922	'44051437_/44051439'	2.53	3.33	3.33	0.67	0.3	3.33	0.94 No	0.3	Element Fault

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SLP082	923	'44053361_/_44053363'		3.33	3.33	3.33	0.67	0.5	3.33	0.94 No	0.5 Element Fault
SLP082	924	'6831897_/_6834111'		1.6	3.33	3.33	0.13	0.3	3.33	0.94 No	0.13 Thermal Discharging
SLP082	925	'44051541_/_6831596'		3.33	3.33	3.33	0.67	0.5	3.33	0.94 No	0.5 Element Fault
SLP082	926	'6848579_/_44002474'		1.6	3.33	3.33	0.13	0.3	3.33	0.94 No	0.13 Thermal Discharging
SLP082	927	'44053317_/_7096651'		1.6	3.33	3.33	0.13	0.3	3.33	0.94 No	0.13 Thermal Discharging
SLP082	928	'7061255_/_7061252'		4.8	10	10	2.02	1.5	10	2.81 No	1.5 Element Fault
SLP082	929	'7061516_/_7115360'		3.33	3.33	3.33	0.67	0.5	3.33	0.94 No	0.5 Element Fault
SLP082	930	'6831896_/_6831894'		1.5	3.33	3.33	0.13	0.3	3.33	0.94 No	0.13 Thermal Discharging
SLP082	931	'7061515_/_7061513'		3.33	3.33	3.33	0.67	0.5	3.33	0.94 No	0.5 Element Fault
SLP082	932	'7096654_/_44053319'		1.53	3.33	3.33	0.13	0.3	3.33	0.94 No	0.13 Thermal Discharging
SLP082	933	'713927302_/_7061239_2'		1.53	3.33	3.33	0.67	0.3	3.33	0.94 No	0.3 Element Fault
SLP082	934	'7068736_/_7068734'		3.33	3.33	3.33	0.67	0.5	3.33	0.94 No	0.5 Element Fault
SLP082	935	'7061272_/_7061269'		4.2	10	10	2.02	1.5	10	2.81 No	1.5 Element Fault
SLP082	936	'7062573_/_7061239_1'		1.47	3.33	3.33	0.67	0.3	3.33	0.94 No	0.3 Element Fault
SLP082	937	'44051530_/_44051532'		3.33	3.33	3.33	0.67	0.5	3.29	0.94 No	0.5 Element Fault
SLP082	938	'7069314_/_7069324'		3.33	3.33	3.33	0.67	0.5	3.23	0.94 No	0.5 Element Fault
SLP082	939	'7061292_/_7061289'		3.7	10	10	2.02	1.5	9.83	2.81 No	1.5 Element Fault
SLP082	940	'8108431_/_9365926_1'		3.7	10	10	2.02	0.9	9.82	2.81 No	0.9 Element Fault
SLP082	941	'9365929_/_9365926_2'		3.6	10	10	2.02	0.9	9.78	2.81 No	0.9 Element Fault
SLP082	942	'74617826_/_7061309'		1.17	3.33	3.33	0.67	0.5	3.24	0.94 No	0.5 Element Fault
SLP082	943	'44051519_/_44051521'		3.33	3.33	3.33	0.67	0.5	3.16	0.94 No	0.5 Element Fault
SLP082	944	'7061490_/_7061500'		1.73	3.33	3.33	0.67	0.5	3.1	0.94 No	0.5 Element Fault
SLP082	945	'7061477_/_7061487'		1.47	3.33	3.33	0.67	0.5	3.04	0.94 No	0.5 Element Fault
SLP082	946	'44051508_/_44051510'		1.33	3.33	3.33	0.67	0.5	2.99	0.94 No	0.5 Element Fault
SLP082	947	'7061464_/_7061461_2'		1.3	3.33	3.33	0.67	0.5	2.98	0.94 No	0.5 Element Fault
SLP082	948	'7061451_/_7061461_1'		1.23	3.33	3.33	0.67	0.5	2.94	0.94 No	0.5 Element Fault
SLP082	949	'7061096_/_7061448'		1.13	3.33	3.33	0.67	0.5	2.87	0.94 No	0.5 Element Fault
SLP082	950	'7061095_/_7061093'		1.07	3.33	3.33	0.67	0.5	2.83	0.94 No	0.5 Element Fault
SLP083	0	'SLP083_/_8433256'		10	10	10	1.576	10	10	5.79 No	1.576 Thermal Discharging
SLP083	1	'8433258_/_8433256'		10	10	10	1.576	10	10	5.79 No	1.576 Thermal Discharging
SLP083	2	'8061158_/_8433276'		10	10	10	1.576	10	10	5.79 No	1.576 Thermal Discharging
SLP083	3	'7426189_/_8061155'		10	10	10	1.576	10	10	5.79 No	1.576 Thermal Discharging
SLP083	4	'7426188_/_7426186'		10	10	10	1.576	10	10	5.79 No	1.576 Thermal Discharging
SLP083	5	'7425819_/_9317914'		10	10	10	1.576	10	10	5.79 No	1.576 Thermal Discharging
SLP083	6	'7425818_/_7425816'		10	10	10	1.576	10	10	5.79 No	1.576 Thermal Discharging
SLP083	7	'8060683_/_8060681'		10	10	10	1.576	10	10	5.79 No	1.576 Thermal Discharging
SLP083	8	'9003730_/_9317838_2'		10	10	10	1.576	10	10	5.79 No	1.576 Thermal Discharging
SLP083	9	'5950117_/_9317838_1'		10	10	10	1.576	10	10	5.79 No	1.576 Thermal Discharging
SLP083	10	'5950118_/_5950115'		10	10	10	1.576	10	10	5.79 No	1.576 Thermal Discharging
SLP083	11	'5956604_/_5957111'		10	10	10	1.576	10	10	5.79 No	1.576 Thermal Discharging
SLP083	12	'5950135_/_5950132'		10	10	10	1.576	10	10	5.79 No	1.576 Thermal Discharging
SLP083	13	'5937022_/_5956784'		10	10	10	1.576	10	10	5.79 No	1.576 Thermal Discharging
SLP083	14	'5956605_/_5956619_1'		10	10	10	1.576	1.6	10	5.79 No	1.576 Thermal Discharging
SLP083	15	'43817112_/_5956801'		10	10	10	1.576	10	10	5.79 No	1.576 Thermal Discharging
SLP083	16	'5957202_/_5957199_1'		10	10	10	1.576	2.6	10	5.79 No	1.576 Thermal Discharging
SLP083	17	'5937005_/_5937019'		10	10	10	1.576	10	10	5.79 No	1.576 Thermal Discharging
SLP083	18	'5957131_/_5957199_2'		10	10	10	1.576	2.6	10	5.79 No	1.576 Thermal Discharging
SLP083	19	'443261458_/_5957165'		10	10	10	1.576	2.6	10	5.79 No	1.576 Thermal Discharging
SLP083	20	'5932979_/_5937002'		10	10	10	1.576	10	10	5.79 No	1.576 Thermal Discharging
SLP083	21	'5957168_/_443261466'		10	10	10	1.576	2.6	10	5.79 No	1.576 Thermal Discharging
SLP083	22	'5956955_/_5956952_1'		10	10	10	1.576	1.5	10	5.79 No	1.5 Element Fault
SLP083	23	'5932966_/_5932963_1'		3.33	3.33	3.33	0.528	3.33	3.33	1.93 No	0.528 Thermal Discharging
SLP083	24	'5956588_/_5956619_2'		10	10	10	1.576	1.6	10	5.79 No	1.576 Thermal Discharging
SLP083	25	'5936971_/_5936985'		10	10	10	1.576	10	10	5.79 No	1.576 Thermal Discharging
SLP083	26	'5957185_/_5957182'		10	10	10	1.576	2.6	10	5.79 No	1.576 Thermal Discharging
SLP083	27	'43817025_/_5936823'		10	10	10	1.576	10	10	5.79 No	1.576 Thermal Discharging
SLP083	28	'5932953_/_5932963_1'		3.33	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	29	'5936826_/_5936846_1'		10	10	10	1.576	1.5	10	5.79 No	1.5 Element Fault
SLP083	30	'51888804_/_51888708_1'		10	10	10	1.576	1.5	10	5.79 No	1.5 Element Fault
SLP083	31	'5936954_/_5936968'		10	10	10	1.576	10	10	5.79 No	1.576 Thermal Discharging
SLP083	32	'5956975_/_5956952_2'		10	10	10	1.576	1.5	10	5.79 No	1.5 Element Fault
SLP083	33	'5957235_/_5957251'		10	10	10	1.576	2.6	10	5.79 No	1.576 Thermal Discharging
SLP083	34	'43817038_/_5936846_2'		10	10	10	1.576	1.5	10	5.79 No	1.5 Element Fault
SLP083	35	'5932532_/_5936951'		10	10	10	1.576	10	10	5.79 No	1.576 Thermal Discharging
SLP083	36	'5936866_/_5936863'		10	10	10	1.576	1.5	10	5.79 No	1.5 Element Fault
SLP083	37	'43817151_/_5960694'		10	10	10	1.576	2.6	10	5.79 No	1.576 Thermal Discharging
SLP083	38	'5936789_/_5936803'		10	10	10	1.576	10	10	5.79 No	1.576 Thermal Discharging
SLP083	39	'7736703_/_7736701_1'		3.33	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	40	'5932533_/_5932543_1'		3.33	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	41	'5936883_/_5936880'		10	10	10	1.576	1.5	10	5.79 No	1.5 Element Fault
SLP083	42	'5960697_/_43817153'		10	10	10	1.576	2.6	10	5.79 No	1.576 Thermal Discharging
SLP083	43	'5956642_/_5956639'		10	10	10	1.576	1.6	10	5.79 No	1.576 Thermal Discharging
SLP083	44	'43817012_/_43817014'		10	10	10	1.576	10	10	5.79 No	1.576 Thermal Discharging
SLP083	45	'590727039_/_590727023'		10	10	10	1.576	2.6	10	5.79 No	1.576 Thermal Discharging
SLP083	46	'43817138_/_5957026'		10	10	10	1.576	1.5	10	5.79 No	1.5 Element Fault
SLP083	47	'5936900_/_5936897'		10	10	10	1.576	1.5	10	5.79 No	1.5 Element Fault
SLP083	48	'5936755_/_5936769'		10	10	10	1.576	10	10	5.79 No	1.576 Thermal Discharging
SLP083	49	'5936934_/_5936931'		10	10	10	1.576	1.5	10	5.79 No	1.5 Element Fault
SLP083	50	'43817099_/_5937036'		10	10	10	1.576	1.5	10	5.79 No	1.5 Element Fault
SLP083	51	'8748542_/_8748540_1'		10	10	10	1.576	0.9	10	5.79 No	0.9 Element Fault
SLP083	52	'5937039_/_5937087_1'		10	10	10	1.576	1.5	10	5.79 No	1.5 Element Fault
SLP083	53	'43817177_/_5937087_2'		10	10	10	1.576	1.5	10	5.79 No	1.5 Element Fault
SLP083	54	'43816999_/_43817001'		10	10	10	1.576	10	10	5.79 No	1.576 Thermal Discharging
SLP083	55	'5957236_/_5957233'		6.67	6.67	6.67	1.048	1.73	6.67	3.86 No	1.048 Thermal Discharging
SLP083	56	'5932546_/_5932543_2'		3.33	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	57	'5937055_/_5937070'		10	10	10	1.576	1.5	10	5.79 No	1.5 Element Fault
SLP083	58	'5932823_/_5957128'		10	10	10	1.576	2.6	10	5.79 No	1.576 Thermal Discharging
SLP083	59	'5936721_/_5936735'		10	10	10	1.576	10	10	5.79 No	1.576 Thermal Discharging
SLP083	60	'43817164_/_5937053'		10	10	10	1.576	1.5	10	5.79 No	1.5 Element Fault
SLP083	61	'5955415_/_5957145'		10	10	10	1.576	2.6	10	5.79 No	1.576 Thermal Discharging
SLP083	62	'5957029_/_43817140'		10	10	10	1.576	1.5	10	5.79 No	1.5 Element Fault
SLP083	63	'5936701_/_5936718'		10	10	10	1.576	10	10	5.79 No	1.576 Thermal Discharging
SLP083	64	'5937056_/_43817166'		10	10	10	1.576	1.5	10	5.79 No	1.5 Element Fault
SLP083	65	'8748543_/_8748540_2'		10	10	10	1.576	0.9	10	5.79 No	0.9 Element Fault

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SLP083	66	'5932940_/_5932950_2'	3.33		3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	67	'43816804_/_43816806'	10		10	10	1.576	10	10	5.79 No	1.576 Thermal Discharging
SLP083	68	'5936667_/_5936681'	10		10	10	1.576	10	10	5.79 No	1.576 Thermal Discharging
SLP083	69	'43816966_/_5932950_1'	3.33		3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	70	'43816953_/_5956656'	10		10	10	1.576	1.6	10	5.79 No	1.576 Thermal Discharging
SLP083	71	'5936650_/_5936664'	10		10	10	1.576	10	10	5.79 No	1.576 Thermal Discharging
SLP083	72	'5956571_/_5956585'	10		10	10	1.576	1.6	10	5.79 No	1.576 Thermal Discharging
SLP083	73	'5932562_/_5932559'	3.33		3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	74	'9003690_/_9003687'	10		10	10	1.576	0.9	10	5.79 No	0.9 Element Fault
SLP083	75	'43816791_/_43816793'	10		10	10	1.576	10	10	5.79 No	1.576 Thermal Discharging
SLP083	76	'5936613_/_5936630'	10		10	10	1.576	10	10	5.79 No	1.576 Thermal Discharging
SLP083	77	'5956551_/_5956989'	10		10	10	1.576	1.5	10	5.79 No	1.5 Element Fault
SLP083	78	'5936596_/_5936610'	10		10	10	1.576	10	10	5.79 No	1.576 Thermal Discharging
SLP083	79	'5936579_/_5936593'	10		10	10	1.576	10	10	5.79 No	1.576 Thermal Discharging
SLP083	80	'43816688_/_5936576'	10		10	10	1.576	10	10	5.79 No	1.576 Thermal Discharging
SLP083	81	'43817125_/_5955413'	10		10	10	1.576	2.6	10	5.79 No	1.576 Thermal Discharging
SLP083	82	'9317726_/_9317724'	10		10	10	1.576	0.9	10	5.79 No	0.9 Element Fault
SLP083	83	'5936545_/_5936559'	10		10	10	1.576	10	10	5.79 No	1.576 Thermal Discharging
SLP083	84	'43818904_/_43816955'	10		10	10	1.576	1.6	10	5.79 No	1.576 Thermal Discharging
SLP083	85	'43816855_/_43816857'	10		10	10	1.576	2.6	10	5.79 No	1.576 Thermal Discharging
SLP083	86	'51888701_/_51888708_2'	10		10	10	1.576	1.5	10	5.79 No	1.5 Element Fault
SLP083	87	'5932575_/_5932572'	3.33		3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	88	'5931506_/_5936542'	10		10	10	1.576	10	10	5.79 No	1.576 Thermal Discharging
SLP083	89	'43816663_/_43816665'	10		10	10	1.576	10	10	5.79 No	1.576 Thermal Discharging
SLP083	90	'5936494_/_5936508'	10		10	10	1.576	10	10	5.79 No	1.576 Thermal Discharging
SLP083	91	'60635450_/_60635450'	10		10	10	1.576	1.5	10	5.79 No	1.5 Element Fault
SLP083	92	'410116083_/_410116087'	10		10	10	1.576	1.5	10	5.79 No	1.5 Element Fault
SLP083	93	'5936477_/_5936491'	10		10	10	1.576	10	10	5.79 No	1.576 Thermal Discharging
SLP083	94	'43816676_/_5931504'	6.67		6.67	6.67	1.048	4	6.67	3.86 No	1.048 Thermal Discharging
SLP083	95	'5936460_/_5936474'	10		10	10	1.576	10	10	5.79 No	1.576 Thermal Discharging
SLP083	96	'5931507_/_5931522_1'	6.67		6.67	6.67	1.048	4	6.67	3.86 No	1.048 Thermal Discharging
SLP083	97	'5932927_/_5932937'	3.33		3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	98	'43816650_/_43816652'	10		10	10	1.576	10	10	5.79 No	1.576 Thermal Discharging
SLP083	99	'43816842_/_43816844'	10		10	10	1.576	1.6	10	5.79 No	1.576 Thermal Discharging
SLP083	100	'5936426_/_5936440'	10		10	10	1.576	10	10	5.79 No	1.576 Thermal Discharging
SLP083	101	'43816931_/_5956548'	10		10	10	1.576	1.5	10	5.79 No	1.5 Element Fault
SLP083	102	'5936409_/_5936423'	10		10	10	1.576	10	10	5.79 No	1.576 Thermal Discharging
SLP083	103	'5931525_/_5931522_2'	6.67		6.67	6.67	1.048	4	6.67	3.86 No	1.048 Thermal Discharging
SLP083	104	'43816637_/_43816639'	10		10	10	1.576	10	10	5.79 No	1.576 Thermal Discharging
SLP083	105	'5932789_/_5932803'	10		10	10	1.576	2.6	10	5.79 No	1.576 Thermal Discharging
SLP083	106	'5936375_/_5936389'	10		10	10	1.576	10	10	5.79 No	1.576 Thermal Discharging
SLP083	107	'43818917_/_5956693'	10		10	10	1.576	1.6	10	5.79 No	1.576 Thermal Discharging
SLP083	108	'5955416_/_43817127'	10		10	10	1.576	2.6	10	5.79 No	1.576 Thermal Discharging
SLP083	109	'5956696_/_5957006_1'	10		10	10	1.576	1.6	10	5.79 No	1.576 Thermal Discharging
SLP083	110	'5936355_/_5936372'	10		10	10	1.576	10	10	5.79 No	1.576 Thermal Discharging
SLP083	111	'43816624_/_43816626'	10		10	10	1.576	10	10	5.79 No	1.576 Thermal Discharging
SLP083	112	'5936338_/_5936335_2'	10		10	10	1.576	10	10	5.79 No	1.576 Thermal Discharging
SLP083	113	'5931540_/_5931537'	6.67		6.67	6.67	1.048	4	6.67	3.86 No	1.048 Thermal Discharging
SLP083	114	'5931261_/_5936335_1'	10		10	10	1.576	10	10	5.79 No	1.576 Thermal Discharging
SLP083	115	'5936304_/_5936318'	10		10	10	1.576	10	10	5.79 No	1.576 Thermal Discharging
SLP083	116	'5931262_/_5931276_1'	10		10	10	1.576	1.5	10	5.79 No	1.5 Element Fault
SLP083	117	'43816977_/_5932924'	3.33		3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	118	'5936303_/_5936301'	10		10	10	1.576	10	10	5.79 No	1.576 Thermal Discharging
SLP083	119	'5950607_/_5950631'	10		10	10	1.576	10	10	5.79 No	1.576 Thermal Discharging
SLP083	120	'45278003_/_5957006_2'	10		10	10	1.576	1.6	10	5.79 No	1.576 Thermal Discharging
SLP083	121	'5931555_/_5931552'	6.67		6.67	6.67	1.048	3.9	6.67	3.86 No	1.048 Thermal Discharging
SLP083	122	'5932768_/_5932786'	10		10	10	1.576	2.6	10	5.79 No	1.576 Thermal Discharging
SLP083	123	'5950608_/_5950618_1'	3.33		3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	124	'5950101_/_5950648'	10		10	10	1.576	10	10	5.79 No	1.576 Thermal Discharging
SLP083	125	'377296505_/_8685646_3'	10		10	10	1.576	6.3	10	5.79 No	1.576 Thermal Discharging
SLP083	126	'43816556_/_43816558'	10		10	10	1.576	10	10	5.79 No	1.576 Thermal Discharging
SLP083	127	'5931570_/_5931567'	6.67		6.67	6.67	1.048	3.9	6.67	3.86 No	1.048 Thermal Discharging
SLP083	128	'5931318_/_5939560'	10		10	10	1.576	10	10	5.79 No	1.576 Thermal Discharging
SLP083	129	'5956937_/_5956935'	10		10	10	1.576	1.6	10	5.79 No	1.576 Thermal Discharging
SLP083	130	'5931806_/_5931816'	3.33		3.33	3.33	0.528	1.1	3.33	1.93 No	0.528 Thermal Discharging
SLP083	131	'5931832_/_5931829'	3.33		3.33	3.33	0.528	1.1	3.33	1.93 No	0.528 Thermal Discharging
SLP083	132	'5939519_/_5950618_2'	3.33		3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	133	'43816510_/_5936284'	10		10	10	1.576	10	10	5.79 No	1.576 Thermal Discharging
SLP083	134	'5932842_/_5932840'	3.33		3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	135	'5931319_/_5931329_1'	3.33		3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	136	'5946009_/_5946023_2'	10		10	10	1.576	10	10	5.79 No	1.576 Thermal Discharging
SLP083	137	'5931279_/_5931276_2'	10		10	10	1.576	1.5	10	5.79 No	1.5 Element Fault
SLP083	138	'5931585_/_5931582'	6.67		6.67	6.67	1.048	3.9	6.67	3.86 No	1.048 Thermal Discharging
SLP083	139	'5931978_/_5932001_3'	3.33		3.33	3.33	0.528	1.1	3.33	1.93 No	0.528 Thermal Discharging
SLP083	140	'5932752_/_5932766'	10		10	10	1.576	2.6	10	5.79 No	1.576 Thermal Discharging
SLP083	141	'5932901_/_5932911'	3.33		3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	142	'5931332_/_5931329_2'	3.33		3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	143	'5931991_/_5932001_2'	3.33		3.33	3.33	0.528	0.3	3.33	1.93 No	0.3 Element Fault
SLP083	144	'43816723_/_5931842'	3.33		3.33	3.33	0.528	1.1	3.33	1.93 No	0.528 Thermal Discharging
SLP083	145	'43816569_/_5939517'	3.33		3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	146	'377296523_/_8685646_2'	10		10	10	1.576	6.3	10	5.79 No	1.576 Thermal Discharging
SLP083	147	'5950067_/_8685646_1'	10		10	10	1.576	6.3	10	5.79 No	1.576 Thermal Discharging
SLP083	148	'43814167_/_43814169'	10		10	10	1.576	6.3	10	5.79 No	1.576 Thermal Discharging
SLP083	149	'5950066_/_5959324_2'	10		10	10	1.576	6.3	10	5.79 No	1.576 Thermal Discharging
SLP083	150	'5939491_/_5950081'	10		10	10	1.576	6.3	10	5.79 No	1.576 Thermal Discharging
SLP083	151	'43816712_/_43816714'	3.33		3.33	3.33	0.528	1.1	3.33	1.93 No	0.528 Thermal Discharging
SLP083	152	'5959460_/_5959474'	10		10	10	1.576	1.6	10	5.79 No	1.576 Thermal Discharging
SLP083	153	'5932004_/_5932001_1'	3.33		3.33	3.33	0.528	0.3	3.33	1.93 No	0.3 Element Fault
SLP083	154	'5956713_/_5959324_1'	10		10	10	1.576	6.3	10	5.79 No	1.576 Thermal Discharging
SLP083	155	'5931603_/_5931600'	6.67		6.67	6.67	1.048	2.3	6.67	3.86 No	1.048 Thermal Discharging
SLP083	156	'43816778_/_5931296'	10		10	10	1.576	1.5	10	5.79 No	1.5 Element Fault
SLP083	157	'5939478_/_5939475_2'	3.33		3.33	3.33	0.528	1.1	3.33	1.93 No	0.528 Thermal Discharging
SLP083	158	'7736704_/_7736701_2'	3.33		3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	159	'43814154_/_5956747'	10		10	10	1.576	6.3	10	5.79 No	1.576 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SLP083	160	'156972204_/5956767_3'	10	10	10	1.576	6.3	10	5.79 No	1.576	Thermal Discharging
SLP083	161	'43814180_/5939543'	10	10	10	1.576	6.3	10	5.79 No	1.576	Thermal Discharging
SLP083	162	'5932735_/5932749'	10	10	10	1.576	2.6	10	5.79 No	1.576	Thermal Discharging
SLP083	163	'43814141_/43814143'	10	10	10	1.576	6.3	10	5.79 No	1.576	Thermal Discharging
SLP083	164	'5956712_/9003707_2'	10	10	10	1.576	5.3	10	5.79 No	1.576	Thermal Discharging
SLP083	165	'43814193_/5935521'	10	10	10	1.576	6.3	10	5.79 No	1.576	Thermal Discharging
SLP083	166	'5935524_/5935538_1'	10	10	10	1.576	6.3	10	5.79 No	1.576	Thermal Discharging
SLP083	167	'43816756_/5932472'	3.33	3.33	3.33	0.528	0.3	3.33	1.93 No	0.3	Element Fault
SLP083	168	'5935541_/5935538_2'	10	10	10	1.576	6.3	10	5.79 No	1.576	Thermal Discharging
SLP083	169	'5939477_/5939475_1'	3.33	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5	Element Fault
SLP083	170	'5935558_/5935555'	10	10	10	1.576	6.3	10	5.79 No	1.576	Thermal Discharging
SLP083	171	'5935575_/5935572'	10	10	10	1.576	6.3	10	5.79 No	1.576	Thermal Discharging
SLP083	172	'8374474_/8374472_1'	10	10	10	1.576	1.5	10	5.79 No	1.5	Element Fault
SLP083	173	'5932888_/5932898'	3.33	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5	Element Fault
SLP083	174	'9003709_/9003707_1'	10	10	10	1.576	1.5	10	5.79 No	1.5	Element Fault
SLP083	175	'5926785_/5935589'	10	10	10	1.576	6.3	10	5.79 No	1.576	Thermal Discharging
SLP083	176	'5931858_/43816725'	3.33	3.33	3.33	0.528	1	3.33	1.93 No	0.528	Thermal Discharging
SLP083	177	'5939533_/5939530'	3.33	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5	Element Fault
SLP083	178	'43814302_/43814304'	10	10	10	1.576	6.3	10	5.79 No	1.576	Thermal Discharging
SLP083	179	'5931618_/5931615'	6.67	6.67	6.67	1.048	2.3	6.67	3.86 No	1.048	Thermal Discharging
SLP083	180	'43816767_/5932014'	3.33	3.33	3.33	0.528	0.3	3.33	1.93 No	0.3	Element Fault
SLP083	181	'5935666_/5935680'	10	10	10	1.576	6.3	10	5.79 No	1.576	Thermal Discharging
SLP083	182	'5931299_/43816780'	10	10	10	1.576	0.9	10	5.79 No	0.9	Element Fault
SLP083	183	'5931777_/5931790'	3.33	3.33	3.33	0.528	1.1	3.33	1.93 No	0.528	Thermal Discharging
SLP083	184	'5935649_/5935663'	10	10	10	1.576	6.3	10	5.79 No	1.576	Thermal Discharging
SLP083	185	'5931949_/5931959'	3.33	3.33	3.33	0.528	0.3	3.33	1.93 No	0.3	Element Fault
SLP083	186	'8374475_/8374472_2'	10	10	10	1.576	1.5	10	5.79 No	1.5	Element Fault
SLP083	187	'43814315_/43814317'	10	10	10	1.576	6.3	10	5.79 No	1.576	Thermal Discharging
SLP083	188	'5926975_/5935626'	10	10	10	1.576	6.3	10	5.79 No	1.576	Thermal Discharging
SLP083	189	'5926949_/5926946_2'	3.33	3.33	3.33	0.528	1.1	3.33	1.93 No	0.528	Thermal Discharging
SLP083	190	'5938667_/43818847_2'	3.33	3.33	3.33	0.528	1.1	3.33	1.93 No	0.528	Thermal Discharging
SLP083	191	'5935700_/5935697'	10	10	10	1.576	6.3	10	5.79 No	1.576	Thermal Discharging
SLP083	192	'5939452_/5939462'	3.33	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5	Element Fault
SLP083	193	'5932872_/5932885'	3.33	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5	Element Fault
SLP083	194	'43814206_/5926783'	10	10	10	1.576	4.7	10	5.79 No	1.576	Thermal Discharging
SLP083	195	'8059584_/8059581'	10	10	10	1.576	0.9	10	5.79 No	0.9	Element Fault
SLP083	196	'5931871_/5931868'	3.33	3.33	3.33	0.528	1	3.33	1.93 No	0.528	Thermal Discharging
SLP083	197	'43816523_/5931342'	3.33	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5	Element Fault
SLP083	198	'5927444_/5935717'	10	10	10	1.576	6.3	10	5.79 No	1.576	Thermal Discharging
SLP083	199	'5926786_/5926803_1'	10	10	10	1.576	1.5	10	5.79 No	1.5	Element Fault
SLP083	200	'5931936_/5931946'	3.33	3.33	3.33	0.528	0.3	3.33	1.93 No	0.3	Element Fault
SLP083	201	'43816868_/43816870'	8.4	10	10	1.576	2.6	10	5.79 No	1.576	Thermal Discharging
SLP083	202	'5935754_/5935751'	10	10	10	1.576	6.3	10	5.79 No	1.576	Thermal Discharging
SLP083	203	'427305957_/5927011_3'	3.33	3.33	3.33	0.528	1.1	3.33	1.93 No	0.528	Thermal Discharging
SLP083	204	'43816580_/59356831'	3.33	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5	Element Fault
SLP083	205	'5935771_/5935768'	10	10	10	1.576	6.3	10	5.79 No	1.576	Thermal Discharging
SLP083	206	'5932030_/43816769'	3.33	3.33	3.33	0.528	0.3	3.33	1.93 No	0.3	Element Fault
SLP083	207	'5927363_/5935785'	10	10	10	1.576	6.3	10	5.79 No	1.576	Thermal Discharging
SLP083	208	'43818845_/43818847_1'	3.33	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5	Element Fault
SLP083	209	'5930927_/5931633'	6.67	6.67	6.67	1.048	2.3	6.67	3.86 No	1.048	Thermal Discharging
SLP083	210	'5959443_/5959457'	7.3	10	10	1.576	1.6	10	5.79 No	1.576	Thermal Discharging
SLP083	211	'5931764_/5931774'	3.33	3.33	3.33	0.528	1.1	3.33	1.93 No	0.528	Thermal Discharging
SLP083	212	'427305975_/5927011_2'	3.33	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5	Element Fault
SLP083	213	'486719378_/5930951_3'	3.33	3.33	3.33	0.528	1.1	3.33	1.93 No	0.528	Thermal Discharging
SLP083	214	'5926748_/5926803_2'	10	10	10	1.576	1.5	10	5.79 No	1.5	Element Fault
SLP083	215	'5935805_/5935802'	10	10	10	1.576	6.3	10	5.79 No	1.576	Thermal Discharging
SLP083	216	'5927351_/5927361_3'	3.33	3.33	3.33	0.528	1.1	3.33	1.93 No	0.528	Thermal Discharging
SLP083	217	'5935822_/5935819'	10	10	10	1.576	6.3	10	5.79 No	1.576	Thermal Discharging
SLP083	218	'5927098_/5935836'	10	10	10	1.576	6.3	10	5.79 No	1.576	Thermal Discharging
SLP083	219	'5930940_/5930951_2'	3.33	3.33	3.33	0.528	0.3	3.33	1.93 No	0.3	Element Fault
SLP083	220	'5926933_/5926946_1'	3.33	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5	Element Fault
SLP083	221	'5927097_/5927079_3'	3.33	3.33	3.33	0.528	1.1	3.33	1.93 No	0.528	Thermal Discharging
SLP083	222	'5935856_/5935853'	10	10	10	1.576	6.3	10	5.79 No	1.576	Thermal Discharging
SLP083	223	'427306141_/5927361_2'	3.33	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5	Element Fault
SLP083	224	'43814269_/5939449'	3.33	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5	Element Fault
SLP083	225	'43816988_/43816990'	2.6	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5	Element Fault
SLP083	226	'43816745_/43816747'	3.33	3.33	3.33	0.528	0.3	3.33	1.93 No	0.3	Element Fault
SLP083	227	'5935873_/5935870'	10	10	10	1.576	6.3	10	5.79 No	1.576	Thermal Discharging
SLP083	228	'5931884_/5931881'	3.3	3.33	3.33	0.528	1	3.33	1.93 No	0.528	Thermal Discharging
SLP083	229	'5926749_/5926746'	10	10	10	1.576	1.5	10	5.79 No	1.5	Element Fault
SLP083	230	'5927082_/5927079_2'	3.33	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5	Element Fault
SLP083	231	'5927214_/5935887'	10	10	10	1.576	6.3	10	5.79 No	1.576	Thermal Discharging
SLP083	232	'5956847_/43816582'	3.33	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5	Element Fault
SLP083	233	'5927014_/5927011_1'	3.33	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5	Element Fault
SLP083	234	'427306314_/5927212_3'	3.33	3.33	3.33	0.528	1.1	3.33	1.93 No	0.528	Thermal Discharging
SLP083	235	'5935907_/5935904'	10	10	10	1.576	6.3	10	5.79 No	1.576	Thermal Discharging
SLP083	236	'5931654_/5931651'	3.33	3.33	3.33	0.528	1.15	3.33	1.93 No	0.528	Thermal Discharging
SLP083	237	'5930954_/5930951_1'	3.33	3.33	3.33	0.528	0.3	3.33	1.93 No	0.3	Element Fault
SLP083	238	'5932043_/5932040'	3.1	3.33	3.33	0.528	0.3	3.33	1.93 No	0.3	Element Fault
SLP083	239	'43814438_/5937104'	10	10	10	1.576	6.3	10	5.79 No	1.576	Thermal Discharging
SLP083	240	'432823459_/5935924_1'	10	10	10	1.576	6.3	10	5.79 No	1.576	Thermal Discharging
SLP083	241	'5938641_/5938651'	3.33	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5	Element Fault
SLP083	242	'45277684_/5932856'	2.33	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5	Element Fault
SLP083	243	'427306321_/5927212_2'	3.33	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5	Element Fault
SLP083	244	'5927512_/5935924_2'	10	10	10	1.576	6.3	10	5.79 No	1.576	Thermal Discharging
SLP083	245	'5927215_/5927212_1'	3.33	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5	Element Fault
SLP083	246	'5927069_/5927079_1'	3.33	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5	Element Fault
SLP083	247	'43814416_/5927361_1'	3.33	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5	Element Fault
SLP083	248	'5927513_/5927526_2'	10	10	10	1.576	3.3	10	5.79 No	1.576	Thermal Discharging
SLP083	249	'5935944_/5935941'	10	10	10	1.576	6.3	10	5.79 No	1.576	Thermal Discharging
SLP083	250	'5931910_/5931920'	3.33	3.33	3.33	0.528	0.3	3.33	1.93 No	0.3	Element Fault
SLP083	251	'5935961_/5935958'	10	10	10	1.576	6.3	10	5.79 No	1.576	Thermal Discharging
SLP083	252	'5931670_/5931667'	3.33	3.33	3.33	0.528	1.15	3.33	1.93 No	0.528	Thermal Discharging
SLP083	253	'5927691_/5935975'	10	10	10	1.576	6.3	10	5.79 No	1.576	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SLP083	254	'5927528_/_5927526_1'		10	10	10	1.576	1.6	10	5.79 No	1.576 Thermal Discharging
SLP083	255	'5927312_/_5927335'		3.33	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	256	'43816701_/_5931761'		2.47	3.33	3.33	0.528	1.1	3.33	1.93 No	0.528 Thermal Discharging
SLP083	257	'5927692_/_5927731_1'		3.33	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	258	'5956860_/_5956857'		3.33	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	259	'5935995_/_5935992'		10	10	10	1.576	6.3	10	5.79 No	1.576 Thermal Discharging
SLP083	260	'5927027_/_5927024'		3.33	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	261	'5927123_/_5927416'		3.33	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	262	'5931358_/_43816525'		3.33	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	263	'5936012_/_5936009'		10	10	10	1.576	6.3	10	5.79 No	1.576 Thermal Discharging
SLP083	264	'43814128_/_5926763'		10	10	10	1.576	1.5	10	5.79 No	1.5 Element Fault
SLP083	265	'5927838_/_5936026'		10	10	10	1.576	6.3	10	5.79 No	1.576 Thermal Discharging
SLP083	266	'5927705_/_5927731_2'		3.33	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	267	'5932698_/_5932712'		5.8	10	10	1.576	2.6	10	5.79 No	1.576 Thermal Discharging
SLP083	268	'5939426_/_5939436'		3.33	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	269	'43815905_/_5930964'		3.33	3.33	3.33	0.528	0.3	3.33	1.93 No	0.3 Element Fault
SLP083	270	'5959426_/_5959440'		5.5	10	10	1.576	1.6	10	5.79 No	1.576 Thermal Discharging
SLP083	271	'5927932_/_5936043'		10	10	10	1.576	6.3	10	5.79 No	1.576 Thermal Discharging
SLP083	272	'43817051_/_5932992'		2.23	3.33	3.33	0.528	1	3.33	1.93 No	0.528 Thermal Discharging
SLP083	273	'5927500_/_5927718'		3.33	3.33	3.33	0.528	0.53	3.33	1.93 No	0.528 Thermal Discharging
SLP083	274	'5927825_/_5927822_3'		3.33	3.33	3.33	0.528	1.1	3.33	1.93 No	0.528 Thermal Discharging
SLP083	275	'43815894_/_43815896'		3.33	3.33	3.33	0.528	0.3	3.33	1.93 No	0.3 Element Fault
SLP083	276	'5932056_/_5932053'		2.23	3.33	3.33	0.528	0.3	3.33	1.93 No	0.3 Element Fault
SLP083	277	'43814361_/_5927199'		3.33	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	278	'69589635_/_69589579_1'		5.4	10	10	1.576	1.5	10	5.79 No	1.5 Element Fault
SLP083	279	'8684589_/_467118410_2'		5.7	10	10	1.576	2.6	10	5.79 No	1.576 Thermal Discharging
SLP083	280	'5927919_/_5927916_3'		3.33	3.33	3.33	0.528	1.1	3.33	1.93 No	0.528 Thermal Discharging
SLP083	281	'5936063_/_5936060'		10	10	10	1.576	6.3	10	5.79 No	1.576 Thermal Discharging
SLP083	282	'43816734_/_5931907'		2.47	3.33	3.33	0.528	0.3	3.33	1.93 No	0.3 Element Fault
SLP083	283	'5936080_/_5936077'		10	10	10	1.576	6.3	10	5.79 No	1.576 Thermal Discharging
SLP083	284	'5927056_/_5927066'		3.33	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	285	'5926962_/_5938638'		3.33	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	286	'43814372_/_5927225'		3.33	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	287	'5928026_/_5936094'		10	10	10	1.576	6.3	10	5.79 No	1.576 Thermal Discharging
SLP083	288	'115848292_/_5927822_2'		3.33	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	289	'43814545_/_5927848'		3.33	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	290	'5927001_/_5927267'		3.33	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	291	'5939413_/_5939423'		3.33	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	292	'115848284_/_5927916_2'		3.33	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	293	'5927948_/_5927945'		3.33	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	294	'5928013_/_5928010_3'		3.33	3.33	3.33	0.528	1.4	3.33	1.93 No	0.528 Thermal Discharging
SLP083	295	'5926920_/_5926930'		3.33	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	296	'5936114_/_5936111'		10	10	10	1.576	6.3	10	5.79 No	1.576 Thermal Discharging
SLP083	297	'5931683_/_5931680'		3.33	3.33	3.33	0.528	1.1	3.33	1.93 No	0.528 Thermal Discharging
SLP083	298	'43814501_/_43814503'		3.33	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	299	'467118389_/_467118410_1'		5.3	10	10	1.576	1.6	10	5.79 No	1.576 Thermal Discharging
SLP083	300	'5927377_/_43814418'		3.33	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	301	'43814624_/_5936179'		10	10	10	1.576	6.3	10	5.79 No	1.576 Thermal Discharging
SLP083	302	'115848274_/_5928010_2'		3.33	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	303	'43814589_/_5928039'		3.33	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	304	'5932186_/_5932209_3'		3.33	3.33	3.33	0.528	1.1	3.33	1.93 No	0.528 Thermal Discharging
SLP083	305	'69589563_/_69589579_2'		5.1	10	10	1.576	1.5	10	5.79 No	1.5 Element Fault
SLP083	306	'5928638_/_43814626'		10	10	10	1.576	6.3	10	5.79 No	1.576 Thermal Discharging
SLP083	307	'43816733_/_5931894'		2.2	3.33	3.33	0.528	0.3	3.33	1.93 No	0.3 Element Fault
SLP083	308	'43816591_/_5956870'		3.33	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	309	'5936148_/_5936162'		10	10	10	1.576	6.3	10	5.79 No	1.576 Thermal Discharging
SLP083	310	'43814578_/_5928010_1'		3.33	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	311	'5927541_/_5928678'		10	10	10	1.576	1.6	10	5.79 No	1.576 Thermal Discharging
SLP083	312	'5932199_/_5932209_2'		3.33	3.33	3.33	0.528	0.3	3.33	1.93 No	0.3 Element Fault
SLP083	313	'5927124_/_5927121'		3.33	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	314	'43814405_/_5927309'		3.33	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	315	'44981525_/_5933008'		1.9	3.33	3.33	0.528	1	3.33	1.93 No	0.528 Thermal Discharging
SLP083	316	'43814611_/_5936145'		10	10	10	1.576	6.3	10	5.79 No	1.576 Thermal Discharging
SLP083	317	'5927812_/_5927822_1'		3.33	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	318	'43814115_/_43814130'		8.4	10	10	1.576	1.5	10	5.79 No	1.5 Element Fault
SLP083	319	'5931735_/_5931745'		1.9	3.33	3.33	0.528	1	3.33	1.93 No	0.528 Thermal Discharging
SLP083	320	'5927704_/_5927702'		3.33	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	321	'5927487_/_5927497'		3.33	3.33	3.33	0.528	0.53	3.33	1.93 No	0.528 Thermal Discharging
SLP083	322	'5930980_/_43815907'		3.33	3.33	3.33	0.528	0.3	3.33	1.93 No	0.3 Element Fault
SLP083	323	'5938367_/_5938364'		1.83	3.33	3.33	0.528	0.3	3.33	1.93 No	0.3 Element Fault
SLP083	324	'5936130_/_5936128'		10	10	10	1.576	6.3	10	5.79 No	1.576 Thermal Discharging
SLP083	325	'5939400_/_5939410'		3.33	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	326	'5926907_/_5926917'		3.33	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	327	'5927864_/_43814547'		3.33	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	328	'5932661_/_5932695'		4.8	10	10	1.576	2.6	10	5.79 No	1.576 Thermal Discharging
SLP083	329	'5927679_/_5928695'		3.33	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	330	'43810546_/_43810548'		10	10	10	1.576	6.3	10	5.79 No	1.576 Thermal Discharging
SLP083	331	'43814383_/_5927053'		3.33	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	332	'5910979_/_5910976_2'		10	10	10	1.576	6.3	10	5.79 No	1.576 Thermal Discharging
SLP083	333	'5927390_/_5927387'		3.33	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	334	'5927176_/_5927186'		3.33	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	335	'43815938_/_5932209_1'		3.33	3.33	3.33	0.528	0.3	3.33	1.93 No	0.3 Element Fault
SLP083	336	'8684588_/_8684586'		4.7	10	10	1.576	1.6	10	5.79 No	1.576 Thermal Discharging
SLP083	337	'5926961_/_5926959'		3.33	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	338	'5927241_/_5927238'		3.33	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	339	'5910962_/_5910976_1'		10	10	10	1.576	6.3	10	5.79 No	1.576 Thermal Discharging
SLP083	340	'43816829_/_43816831'		4.5	10	10	1.576	1.6	10	5.79 No	1.576 Thermal Discharging
SLP083	341	'43814534_/_5927916_1'		3.33	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	342	'43810533_/_5910959'		10	10	10	1.576	6.3	10	5.79 No	1.576 Thermal Discharging
SLP083	343	'43814556_/_5927958'		3.33	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	344	'43814523_/_5927809'		3.33	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	345	'5928639_/_5928636_1'		3.33	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	346	'5910928_/_5910942'		10	10	10	1.576	6.3	10	5.79 No	1.576 Thermal Discharging
SLP083	347	'5932678_/_5932675'		4.4	10	10	1.576	2.6	10	5.79 No	1.576 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over- Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SLP083	348	'5931696_/_5931693'	3.33		3.33	3.33	0.528	1.1	3.33	1.93 No	0.528 Thermal Discharging
SLP083	349	'5931722_/_5931732'	1.7		3.33	3.33	0.528	1	3.33	1.93 No	0.528 Thermal Discharging
SLP083	350	'5910911_/_5910925'	10		10	10	1.576	6.3	10	5.79 No	1.576 Thermal Discharging
SLP083	351	'43814637_/_5928636_2'	3.33		3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	352	'5927987_/_5927997'	3.33		3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	353	'5931371_/_5931368'	3.23		3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	354	'5928055_/_43814591'	3.33		3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	355	'43814451_/_5927539'	9.8		10	10	1.576	1.6	10	5.79 No	1.576 Thermal Discharging
SLP083	356	'5927406_/_5927403'	2.87		3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	357	'5930993_/_5930990'	3.33		3.33	3.33	0.528	0.3	3.33	1.93 No	0.3 Element Fault
SLP083	358	'43810385_/_5910908'	10		10	10	1.576	6.3	10	5.79 No	1.576 Thermal Discharging
SLP083	359	'5956886_/_43816593'	3.33		3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	360	'5939387_/_5939397'	3.33		3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	361	'43814394_/_5927134'	3.33		3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	362	'5908329_/_5910888'	10		10	10	1.576	6.3	10	5.79 No	1.576 Thermal Discharging
SLP083	363	'5926766_/_43814117'	6.8		10	10	1.576	0.9	10	5.79 No	0.9 Element Fault
SLP083	364	'5927747_/_5927744'	3.33		3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	365	'43814427_/_5927484'	3.33		3.33	3.33	0.528	0.53	3.33	1.93 No	0.528 Thermal Discharging
SLP083	366	'5930899_/_5930909'	2.73		3.33	3.33	0.528	0.3	3.33	1.93 No	0.3 Element Fault
SLP083	367	'5927286_/_5927296'	2.87		3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	368	'5910996_/_5910993'	10		10	10	1.576	6.3	10	5.79 No	1.576 Thermal Discharging
SLP083	369	'5927665_/_5927676'	3.33		3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	370	'5911013_/_5911010'	10		10	10	1.576	6.3	10	5.79 No	1.576 Thermal Discharging
SLP083	371	'5931709_/_5931706'	3.1		3.33	3.33	0.528	1.1	3.33	1.93 No	0.528 Thermal Discharging
SLP083	372	'43814350_/_5927173'	2.87		3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	373	'43814291_/_43814293'	3.33		3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	374	'5959388_/_5959406'	4		10	10	1.576	1.6	10	5.79 No	1.576 Thermal Discharging
SLP083	375	'43814339_/_5926998'	3.33		3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	376	'5932228_/_43815940'	2.97		3.33	3.33	0.528	0.3	3.33	1.93 No	0.3 Element Fault
SLP083	377	'5908274_/_5911030'	10		10	10	1.576	6.3	10	5.79 No	1.576 Thermal Discharging
SLP083	378	'43810143_/_7103703'	3.33		3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	379	'5927974_/_5927984'	3.33		3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	380	'5927786_/_5927796'	3.33		3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	381	'5927257_/_5927254'	2.67		3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	382	'5928068_/_5928065'	3.33		3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	383	'5908261_/_5908258_3'	3.33		3.33	3.33	0.528	1.1	3.33	1.93 No	0.528 Thermal Discharging
SLP083	384	'5927905_/_5927903'	3.33		3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	385	'5910874_/_5911047'	10		10	10	1.576	6.3	10	5.79 No	1.576 Thermal Discharging
SLP083	386	'66321597_/_5932658'	3.9		10	10	1.576	2.6	10	5.79 No	1.576 Thermal Discharging
SLP083	387	'5931721_/_5931719'	1.5		3.33	3.33	0.528	1	3.33	1.93 No	0.528 Thermal Discharging
SLP083	388	'5927042_/_5927040'	3.33		3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	389	'5939386_/_5939384'	3.33		3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	390	'7423480_/_5908326'	3.33		3.33	3.33	0.528	1.5	3.33	1.93 No	0.528 Thermal Discharging
SLP083	391	'5908195_/_5910871'	10		10	10	1.576	6.3	10	5.79 No	1.576 Thermal Discharging
SLP083	392	'5927961_/_43814558'	3.33		3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	393	'7423464_/_7423462_1'	3.33		3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	394	'66321699_/_526428586_1'	3.8		10	10	1.576	1.5	10	5.79 No	1.5 Element Fault
SLP083	395	'149028112_/_5908258_2'	3.33		3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	396	'9000562_/_9315168'	3.33		3.33	3.33	0.528	1.4	3.33	1.93 No	0.528 Thermal Discharging
SLP083	397	'5908183_/_5908180_3'	3.33		3.33	3.33	0.528	1.1	3.33	1.93 No	0.528 Thermal Discharging
SLP083	398	'5931384_/_5931381'	2.2		3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	399	'5910840_/_5910854'	10		10	10	1.576	6.3	10	5.79 No	1.576 Thermal Discharging
SLP083	400	'5927973_/_5927971'	3.33		3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	401	'5928655_/_43814639'	3.33		3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	402	'5931006_/_5931003'	2.33		3.33	3.33	0.528	0.3	3.33	1.93 No	0.3 Element Fault
SLP083	403	'5927877_/_5927874'	3.33		3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	404	'5927285_/_5927283'	2.4		3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	405	'5910823_/_5910837'	10		10	10	1.576	6.3	10	5.79 No	1.576 Thermal Discharging
SLP083	406	'5927559_/_43814453'	7.1		10	10	1.576	1.6	10	5.79 No	1.576 Thermal Discharging
SLP083	407	'5956899_/_5956896'	2.47		3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	408	'5908127_/_5910820'	10		10	10	1.576	6.3	10	5.79 No	1.576 Thermal Discharging
SLP083	409	'43814490_/_5927757'	3.33		3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	410	'5927473_/_5927471'	2.47		3.33	3.33	0.528	0.53	3.33	1.93 No	0.528 Thermal Discharging
SLP083	411	'43815927_/_5932498'	2.23		3.33	3.33	0.528	0.3	3.33	1.93 No	0.3 Element Fault
SLP083	412	'7423465_/_7423462_2'	3.33		3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	413	'66321704_/_66321600'	3.6		10	10	1.576	2.6	10	5.79 No	1.576 Thermal Discharging
SLP083	414	'43814600_/_5928081'	3.33		3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	415	'43814399_/_43814396'	3.33		3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	416	'5928084_/_43814602'	3.33		3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	417	'5926893_/_5926891'	3.33		3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	418	'5910789_/_5910803'	10		10	10	1.576	6.3	10	5.79 No	1.576 Thermal Discharging
SLP083	419	'337229549_/_5908180_2'	3.33		3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	420	'5932241_/_5932238'	2.3		3.33	3.33	0.528	0.3	3.33	1.93 No	0.3 Element Fault
SLP083	421	'5907891_/_7103735'	3.33		3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	422	'5910772_/_5910786'	10		10	10	1.576	6.3	10	5.79 No	1.576 Thermal Discharging
SLP083	423	'43810522_/_7103847'	3.33		3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	424	'5938735_/_5938732'	2.27		3.33	3.33	0.528	1.1	3.33	1.93 No	0.528 Thermal Discharging
SLP083	425	'5908247_/_5908258_1'	3.33		3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	426	'43814258_/_43814260'	2.53		3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	427	'5908089_/_5910769'	10		10	10	1.576	6.3	10	5.79 No	1.576 Thermal Discharging
SLP083	428	'43814512_/_5927663'	3.33		3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	429	'5938761_/_5932407_3'	2.2		3.33	3.33	0.528	1.1	3.33	1.93 No	0.528 Thermal Discharging
SLP083	430	'5910755_/_5910752'	10		10	10	1.576	6.3	10	5.79 No	1.576 Thermal Discharging
SLP083	431	'5908076_/_43810288_3'	3.33		3.33	3.33	0.528	1.1	3.33	1.93 No	0.528 Thermal Discharging
SLP083	432	'5927162_/_5927160'	2.23		3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	433	'5908166_/_5908180_1'	3.33		3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	434	'5927785_/_5927783'	3.33		3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	435	'5932409_/_5932407_2'	2.1		3.33	3.33	0.528	0.3	3.33	1.93 No	0.3 Element Fault
SLP083	436	'5938721_/_5938719'	3.33		3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	437	'5908128_/_5908125_1'	3.33		3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	438	'5907752_/_5907765'	2.77		3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	439	'5959497_/_5959494'	3.4		10	10	1.576	1.6	10	5.79 No	1.576 Thermal Discharging
SLP083	440	'5908287_/_5908284'	3.33		3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	441	'43811793_/_5921724'	10		10	10	1.576	6.3	10	5.79 No	1.576 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SLP083	442	'5959373_/_5959385'	3.4		10	10	1.576	1.6	10	5.79 No	1.576 Thermal Discharging
SLP083	443	'450269817_/_43810288_2'	3.33		3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	444	'7425063_/_7425060'	3.4		10	10	1.576	0.9	10	5.79 No	0.9 Element Fault
SLP083	445	'5908102_/_450269815'	3.33		3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	446	'43814464_/_5927573'	6.2		10	10	1.576	1.6	10	5.79 No	1.576 Thermal Discharging
SLP083	447	'5939157_/_5939154'	1.93		3.33	3.33	0.528	0.3	3.33	1.93 No	0.3 Element Fault
SLP083	448	'5908755_/_5908765'	3.33		3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	449	'43810297_/_5908125_2'	3.33		3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	450	'5916896_/_5916906_2'	3.33		3.33	3.33	0.528	1.1	3.33	1.93 No	0.528 Thermal Discharging
SLP083	451	'43810363_/_5908206'	3.33		3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	452	'5921683_/_43811795'	10		10	10	1.576	6.3	10	5.79 No	1.576 Thermal Discharging
SLP083	453	'43816602_/_5956909'	1.97		3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	454	'5921684_/_5921681_1'	3.33		3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	455	'43811402_/_5916906_1'	3.33		3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	456	'5921615_/_5921681_2'	3.33		3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	457	'5927773_/_5927770'	3.33		3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	458	'43810198_/_7103767'	2		3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	459	'43814567_/_5927890'	3.33		3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	460	'43806855_/_5921707'	10		10	10	1.576	6.3	10	5.79 No	1.576 Thermal Discharging
SLP083	461	'43810456_/_7103783'	2.07		3.33	3.33	0.528	0.53	3.33	1.93 No	0.528 Thermal Discharging
SLP083	462	'5938748_/_5938784'	1.93		3.33	3.33	0.528	0.3	3.33	1.93 No	0.3 Element Fault
SLP083	463	'43814648_/_5928665'	3.33		3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	464	'43815982_/_5932407_1'	1.9		3.33	3.33	0.528	0.3	3.33	1.93 No	0.3 Element Fault
SLP083	465	'43815949_/_5932251'	1.9		3.33	3.33	0.528	0.3	3.33	1.93 No	0.3 Element Fault
SLP083	466	'8685608_/_8685606'	3.2		10	10	1.576	0.9	10	5.79 No	0.9 Element Fault
SLP083	467	'5901450_/_43806857'	10		10	10	1.576	6.3	10	5.79 No	1.576 Thermal Discharging
SLP083	468	'43810187_/_5907888'	3.33		3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	469	'5927593_/_5927590'	5.7		10	10	1.576	1.6	10	5.79 No	1.576 Thermal Discharging
SLP083	470	'5901467_/_5901464'	10		10	10	1.576	6.3	10	5.79 No	1.576 Thermal Discharging
SLP083	471	'5908742_/_5908752'	3.33		3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	472	'43815883_/_43815885'	1.67		3.33	3.33	0.528	0.3	3.33	1.93 No	0.3 Element Fault
SLP083	473	'43810286_/_43810288_1'	3.33		3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	474	'43810559_/_5908245'	2.53		3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	475	'43814280_/_5938057'	2.43		3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	476	'5921616_/_5921613'	3.33		3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	477	'43807570_/_5901481'	10		10	10	1.576	6.3	10	5.79 No	1.576 Thermal Discharging
SLP083	478	'5959372_/_43816819'	3.1		10	10	1.576	1.6	10	5.79 No	1.576 Thermal Discharging
SLP083	479	'5916882_/_5916893'	3.33		3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	480	'103392543_/_90740698'	3.1		10	10	1.576	1.6	10	5.79 No	1.576 Thermal Discharging
SLP083	481	'5908167_/_5908164'	3.33		3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	482	'43807531_/_5918783'	10		10	10	1.576	6.3	10	5.79 No	1.576 Thermal Discharging
SLP083	483	'7791783_/_8374658'	4.5		10	10	1.576	0.9	10	5.79 No	0.9 Element Fault
SLP083	484	'43810275_/_5908112'	3.33		3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	485	'5927666_/_43814514'	3.33		3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	486	'5926987_/_5926985'	1.97		3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	487	'43810374_/_5908300'	2.4		3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	488	'43816534_/_5931394'	1.6		3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	489	'37942131_/_526428586_2'	3.1		10	10	1.576	1.5	10	5.79 No	1.5 Element Fault
SLP083	490	'37942110_/_543961410'	3.1		10	10	1.576	1.5	10	5.79 No	1.5 Element Fault
SLP083	491	'37942117_/_543961422'	3.1		10	10	1.576	1.5	10	5.79 No	1.5 Element Fault
SLP083	492	'547482802_/_543961416'	3.1		10	10	1.576	1.5	10	5.79 No	1.5 Element Fault
SLP083	493	'543961593_/_543961478'	3.1		10	10	1.576	1.5	10	5.79 No	1.5 Element Fault
SLP083	494	'43810132_/_5907749'	2.1		3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	495	'43811806_/_5921626'	3.33		3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	496	'7791784_/_7791781'	4.4		10	10	1.576	0.9	10	5.79 No	0.9 Element Fault
SLP083	497	'43810165_/_43810167'	1.87		3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	498	'5908729_/_5908739'	3.33		3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	499	'5939579_/_5939577'	1.9		3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	500	'43810500_/_7103831'	3.33		3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	501	'43810308_/_43810299'	3.33		3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	502	'5908222_/_43810365'	3.33		3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	503	'43815973_/_43815973'	1.73		3.33	3.33	0.528	0.3	3.33	1.93 No	0.3 Element Fault
SLP083	504	'5956524_/_43816604'	1.7		3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	505	'43814477_/_5927643'	5		10	10	1.576	1.6	10	5.79 No	1.576 Thermal Discharging
SLP083	506	'5927613_/_5927610'	3.33		6.67	6.67	1.048	1.07	6.67	3.86 No	1.048 Thermal Discharging
SLP083	507	'43810489_/_43810491'	3.33		3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	508	'5908525_/_5908535'	1.8		3.33	3.33	0.528	0.53	3.33	1.93 No	0.528 Thermal Discharging
SLP083	509	'43811817_/_5921652'	2.83		3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	510	'5899261_/_43811808'	3.33		3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	511	'5932423_/_5932420'	1.67		3.33	3.33	0.528	0.3	3.33	1.93 No	0.3 Element Fault
SLP083	512	'5908553_/_7103799'	3.33		3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	513	'5907985_/_5907995'	1.67		3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	514	'5932160_/_5932170'	1.57		3.33	3.33	0.528	0.3	3.33	1.93 No	0.3 Element Fault
SLP083	515	'8058176_/_8058173'	2.07		3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	516	'5932267_/_5932264'	1.63		3.33	3.33	0.528	0.3	3.33	1.93 No	0.3 Element Fault
SLP083	517	'5916883_/_5916880'	3.33		3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	518	'7735585_/_7735583'	3		10	10	1.576	1.5	10	5.79 No	1.5 Element Fault
SLP083	519	'5927893_/_43814569'	3.23		3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	520	'5907862_/_5907872'	2.3		3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	521	'5908063_/_5908060'	3.33		3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	522	'5899262_/_5899259'	3.33		3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	523	'5930870_/_5930883'	1.47		3.33	3.33	0.528	0.3	3.33	1.93 No	0.3 Element Fault
SLP083	524	'7424220_/_8371028'	2.03		3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	525	'7423727_/_9000559'	2.03		3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	526	'44980986_/_5908781'	2.03		3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	527	'7815325_/_9081151'	2.9		10	10	1.576	1.5	10	5.79 No	1.5 Element Fault
SLP083	528	'5928668_/_43814650'	3.33		3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	529	'5907713_/_7103947'	1.97		3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	530	'5908703_/_5913442'	2.47		3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	531	'43810932_/_43810934'	1.7		3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	532	'43810570_/_5908794'	3.33		3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	533	'43810352_/_5908232'	3.33		3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	534	'43810511_/_5908726'	3.33		3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	535	'5927646_/_43814479'	4.4		10	10	1.576	0.9	10	5.79 No	0.9 Element Fault

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SLP083	536	'5927628_/_5927625'		3	6.67	6.67	1.048	1.07	6.67	3.86 No	1.048 Thermal Discharging
SLP083	537	'43806868_/_5899272'		3.33	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	538	'44687562_/_5921665'		2.27	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	539	'5956525_/_5956522'		1.5	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	540	'5908648_/_5908661'		2.53	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	541	'5908512_/_5908522'		1.57	3.33	3.33	0.528	0.53	3.33	1.93 No	0.528 Thermal Discharging
SLP083	542	'5908554_/_5908551'		2.37	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	543	'8684388_/_8684386'		4.3	10	10	1.576	0.9	10	5.79 No	0.9 Element Fault
SLP083	544	'5908316_/_43810376'		1.93	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	545	'5912887_/_43810277'		3.33	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	546	'5907930_/_5907940'		1.53	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	547	'5932436_/_5932433'		1.5	3.33	3.33	0.528	0.3	3.33	1.93 No	0.3 Element Fault
SLP083	548	'5907726_/_5907736'		1.73	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	549	'5932384_/_5932394'		1.5	3.33	3.33	0.528	0.3	3.33	1.93 No	0.3 Element Fault
SLP083	550	'5908154_/_43810310'		3.33	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	551	'5907972_/_5907982'		1.47	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	552	'5898719_/_5898717'		3.33	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	553	'43810603_/_5908862'		3.33	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	554	'43817062_/_5933021'		1.47	3.33	3.33	0.528	0.3	3.33	1.93 No	0.3 Element Fault
SLP083	555	'5923484_/_7103430'		3.33	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	556	'5907849_/_5907859'		1.9	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	557	'43811413_/_5916919'		3.33	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	558	'5923470_/_5923481'		3.33	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	559	'43815872_/_43815874'		1.33	3.33	3.33	0.528	0.3	3.33	1.93 No	0.3 Element Fault
SLP083	560	'5914311_/_5914308'		1.8	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	561	'5908635_/_5908645'		2.13	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	562	'473060009_/_473060032'		1.73	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	563	'5914259_/_43810354'		3.33	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	564	'5908567_/_5908564'		2.03	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	565	'5923471_/_5923468'		3.33	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	566	'5914129_/_5914126_1'		3.33	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	567	'5931410_/_5931407'		1.27	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	568	'5908690_/_5908700'		1.9	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	569	'475775438_/_5924557_2'		3.33	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	570	'5908797_/_43810572'		3.33	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	571	'5932449_/_5932446'		1.37	3.33	3.33	0.528	0.3	3.33	1.93 No	0.3 Element Fault
SLP083	572	'453528028_/_453528034'		2.6	10	10	1.576	1.5	10	5.79 No	1.5 Element Fault
SLP083	573	'5901629_/_5901642'		1.47	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	574	'5907712_/_5907710'		1.63	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	575	'43810264_/_5914126_2'		3.33	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	576	'5928756_/_5933078'		2.6	6.67	6.67	1.048	1.07	6.67	3.86 No	1.048 Thermal Discharging
SLP083	577	'43816613_/_5956535'		1.33	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	578	'43810445_/_43810447'		1.37	3.33	3.33	0.528	0.53	3.33	1.93 No	0.528 Thermal Discharging
SLP083	579	'43814328_/_43814330'		1.43	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	580	'5907917_/_5907927'		1.33	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	581	'5907653_/_5907723'		1.5	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	582	'5908809_/_5916932'		3.33	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	583	'5932371_/_5932381'		1.33	3.33	3.33	0.528	0.3	3.33	1.93 No	0.3 Element Fault
SLP083	584	'5908400_/_5908713'		2.1	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	585	'5908878_/_5908875'		3.33	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	586	'5914194_/_5914191'		3.33	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	587	'7423726_/_7423724'		1.57	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	588	'5907959_/_5907969'		1.27	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	589	'5932147_/_5932157'		1.23	3.33	3.33	0.528	0.3	3.33	1.93 No	0.3 Element Fault
SLP083	590	'43817067_/_43817064'		1.3	3.33	3.33	0.528	0.3	3.33	1.93 No	0.3 Element Fault
SLP083	591	'5924546_/_5924557_1'		2.27	3.33	3.33	0.528	0.3	3.33	1.93 No	0.3 Element Fault
SLP083	592	'5908486_/_5908496'		1.27	3.33	3.33	0.528	0.53	3.33	1.93 No	0.528 Thermal Discharging
SLP083	593	'7424221_/_7424218'		1.47	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	594	'40372906_/_7815323'		2.5	10	10	1.576	1.5	10	5.79 No	1.5 Element Fault
SLP083	595	'43810176_/_43810178'		1.63	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	596	'43810341_/_5914269'		3.33	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	597	'5908622_/_5908632'		1.77	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	598	'5908810_/_5908807'		2.6	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	599	'5908384_/_5908397'		1.87	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	600	'5908677_/_5908687'		1.63	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	601	'5914142_/_43810266'		3.33	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	602	'5932462_/_5932459'		1.27	3.33	3.33	0.528	0.3	3.33	1.93 No	0.3 Element Fault
SLP083	603	'5930844_/_5930854'		1.17	3.33	3.33	0.528	0.3	3.33	1.93 No	0.3 Element Fault
SLP083	604	'5914324_/_5914321'		1.47	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	605	'5931468_/_5931465'		1.23	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	606	'43810467_/_5908580'		1.7	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	607	'43810319_/_5922602'		2.47	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	608	'43814924_/_5928754'		2.33	6.67	6.67	1.048	1.07	6.67	3.86 No	1.048 Thermal Discharging
SLP083	609	'43810121_/_5911137'		1.47	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	610	'5931426_/_5931423'		1.1	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	611	'43810110_/_43810112'		1.3	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	612	'5908473_/_5908483'		1.17	3.33	3.33	0.528	0.53	3.33	1.93 No	0.528 Thermal Discharging
SLP083	613	'43810064_/_43810066'		1.17	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	614	'5908891_/_5908888'		2.43	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	615	'43809954_/_43809956'		1.33	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	616	'5914285_/_5914282'		2.63	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	617	'5914337_/_5914334'		1.37	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	618	'43810075_/_43810077'		1.13	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	619	'43815960_/_43815962'		1.2	3.33	3.33	0.528	0.3	3.33	1.93 No	0.3 Element Fault
SLP083	620	'43810581_/_5908820'		2.07	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	621	'5914206_/_43810321'		2.1	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	622	'7501810_/_44099798'		2.3	10	10	1.576	1.5	10	5.79 No	1.5 Element Fault
SLP083	623	'5933050_/_5933047'		1.17	3.33	3.33	0.528	0.3	3.33	1.93 No	0.3 Element Fault
SLP083	624	'5914155_/_5914152'		2.17	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	625	'5923386_/_5924544'		1.83	3.33	3.33	0.528	0.3	3.33	1.93 No	0.3 Element Fault
SLP083	626	'43810053_/_43810055'		1.13	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	627	'43810398_/_5908381'		1.6	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	628	'5931481_/_5931478'		1.13	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	629	'5931439_/_5931436'		1.07	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SLP083	630	'5907848_/_5907846'		1.43	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	631	'43810592_/_5908901'		2.07	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	632	'5914298_/_5914295'		2.2	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	633	'5907170_/_5907183'		1.13	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	634	'43810478_/_43810480'		1.53	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	635	'5908596_/_5908593'		1.5	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	636	'5908676_/_5908674'		1.43	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	637	'5928757_/_43814926'		2.07	6.67	6.67	1.048	1.07	6.67	3.86 No	1.048 Thermal Discharging
SLP083	638	'5907820_/_5907833'		1.17	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	639	'5907157_/_5907167'		1.13	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	640	'5930831_/_5930841'		1.07	3.33	3.33	0.528	0.3	3.33	1.93 No	0.3 Element Fault
SLP083	641	'5901603_/_5901613'		1.2	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	642	'5907700_/_5911124'		1.3	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	643	'5914207_/_5914204'		1.87	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	644	'5907144_/_5907154'		1.13	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	645	'5908472_/_5908470'		1.07	3.33	3.33	0.528	0.53	3.33	1.93 No	0.528 Thermal Discharging
SLP083	646	'5907309_/_5907901'		1.07	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	647	'5932345_/_5932355'		1.1	3.33	3.33	0.528	0.3	3.33	1.93 No	0.3 Element Fault
SLP083	648	'5919418_/_5919415'		2	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	649	'43810042_/_43810044'		1.13	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	650	'5907627_/_5907637'		1.2	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	651	'5914168_/_5914165'		1.83	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	652	'5908836_/_43810583'		1.77	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	653	'5931452_/_5931449'		1	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	654	'5908358_/_5908368'		1.47	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	655	'133586170_/_60077354_1'		2	3.33	3.33	0.528	0.3	3.33	1.93 No	0.5 Element Fault
SLP083	656	'5907118_/_5907128'		1.1	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	657	'43815916_/_43815918'		1.03	3.33	3.33	0.528	0.3	3.33	1.93 No	0.3 Element Fault
SLP083	658	'5931494_/_5931491'		1.07	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	659	'43815813_/_5930828'		1	3.33	3.33	0.528	0.3	3.33	1.93 No	0.3 Element Fault
SLP083	660	'43810220_/_60077354_2'		1.87	3.33	3.33	0.528	0.3	3.33	1.93 No	0.3 Element Fault
SLP083	661	'5908608_/_5908606'		1.37	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	662	'43810031_/_5907115'		1.1	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	663	'5908917_/_5908914'		1.77	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	664	'8058554_/_8992495'		1.1	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	665	'43812100_/_5923384'		1.43	3.33	3.33	0.528	0.3	3.33	1.93 No	0.3 Element Fault
SLP083	666	'5907089_/_5907102'		1.1	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	667	'5908345_/_5908355'		1.37	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	668	'5908621_/_5908619'		1.33	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	669	'5914220_/_5914217'		1.63	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	670	'5932332_/_5932342'		1.03	3.33	3.33	0.528	0.3	3.33	1.93 No	0.3 Element Fault
SLP083	671	'5907533_/_5907697'		1.2	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	672	'43810099_/_5901600'		1.1	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	673	'43810253_/_5914178'		1.63	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	674	'5907296_/_5907306'		0.97	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	675	'5908849_/_5908846'		1.57	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	676	'5907614_/_5907624'		1.1	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	677	'7501811_/_7501808'		2	10	10	1.576	1.5	10	5.79 No	1.5 Element Fault
SLP083	678	'5928531_/_7103915'		1.57	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	679	'43816545_/_5956818'		0.93	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	680	'5907033_/_5907086'		1.03	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	681	'43810330_/_5914230'		1.5	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	682	'5932517_/_5932514'		0.97	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	683	'5930817_/_5930815'		0.93	3.33	3.33	0.528	0.3	3.33	1.93 No	0.3 Element Fault
SLP083	684	'43810154_/_43810156'		1	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	685	'5907034_/_5907031'		1.03	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	686	'452775484_/_452775512'		0.97	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	687	'5920598_/_5920596'		1.53	3.33	3.33	0.528	0.3	3.33	1.93 No	0.3 Element Fault
SLP083	688	'5932319_/_5932329'		0.97	3.33	3.33	0.528	0.3	3.33	1.93 No	0.3 Element Fault
SLP083	689	'5920612_/_5920609'		1.53	3.33	3.33	0.528	0.3	3.33	1.93 No	0.3 Element Fault
SLP083	690	'5907050_/_5907047'		1.03	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	691	'5923400_/_5923397'		1.2	3.33	3.33	0.528	0.3	3.33	1.93 No	0.3 Element Fault
SLP083	692	'5938692_/_7103899'		1.43	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	693	'43809921_/_43809923'		1.1	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	694	'8058553_/_8058551'		0.97	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	695	'5907283_/_5907293'		0.9	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	696	'44981062_/_5914243'		1.4	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	697	'43810258_/_43810255'		1.43	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	698	'43809943_/_5907611'		1	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	699	'5907063_/_5907060'		1.03	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	700	'5901577_/_5901587'		1	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	701	'5932121_/_5932131'		0.9	3.33	3.33	0.528	0.3	3.33	1.93 No	0.3 Element Fault
SLP083	702	'5908344_/_43810411'		1.17	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	703	'43809998_/_5907073'		1.03	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	704	'43814736_/_5928529'		1.37	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	705	'5950154_/_5959354'		0.83	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	706	'43810020_/_5907196'		0.97	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	707	'5907076_/_43810000'		1.03	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	708	'43815791_/_5932316'		0.9	3.33	3.33	0.528	0.3	3.33	1.93 No	0.3 Element Fault
SLP083	709	'5923413_/_5923410'		1.07	3.33	3.33	0.528	0.3	3.33	1.93 No	0.3 Element Fault
SLP083	710	'43818856_/_5938690'		1.3	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	711	'5907270_/_5907280'		0.83	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	712	'5907507_/_5907517'		1	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	713	'43811749_/_5921281'		1.33	3.33	3.33	0.528	0.3	3.33	1.93 No	0.3 Element Fault
SLP083	714	'5920625_/_5920622'		1.33	3.33	3.33	0.528	0.3	3.33	1.93 No	0.3 Element Fault
SLP083	715	'43809888_/_43809890'		0.93	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	716	'5907588_/_5907598'		0.93	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	717	'5907794_/_5907804'		0.9	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	718	'5950155_/_5950152'		0.8	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	719	'5928545_/_5928542'		1.23	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	720	'5932108_/_5932118'		0.8	3.33	3.33	0.528	0.3	3.33	1.93 No	0.3 Element Fault
SLP083	721	'5907212_/_5907209'		0.9	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	722	'5928437_/_5938706'		1.2	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5 Element Fault
SLP083	723	'5932292_/_5932303'		0.83	3.33	3.33	0.528	0.3	3.33	1.93 No	0.3 Element Fault

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SLP083	724	'5923425_/_5923423'	0.97	3.33	3.33	0.528	0.3	3.33	1.93 No	0.3	Element Fault
SLP083	725	'5959344_/_5959341'	0.77	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5	Element Fault
SLP083	726	'5907506_/_5907504'	0.93	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5	Element Fault
SLP083	727	'5907254_/_5907267'	0.77	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5	Element Fault
SLP083	728	'5907575_/_5907585'	0.87	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5	Element Fault
SLP083	729	'5932280_/_5932290'	0.83	3.33	3.33	0.528	0.3	3.33	1.93 No	0.3	Element Fault
SLP083	730	'43810231_/_5920635'	1.17	3.33	3.33	0.528	0.3	3.33	1.93 No	0.3	Element Fault
SLP083	731	'5928558_/_5928555'	1.13	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5	Element Fault
SLP083	732	'5907225_/_5907222'	0.83	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5	Element Fault
SLP083	733	'5920690_/_5921268'	1.17	3.33	3.33	0.528	0.3	3.33	1.93 No	0.3	Element Fault
SLP083	734	'5928438_/_5928435'	1.1	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5	Element Fault
SLP083	735	'5901563_/_5901561'	0.83	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5	Element Fault
SLP083	736	'5932279_/_5932277'	0.8	3.33	3.33	0.528	0.3	3.33	1.93 No	0.3	Element Fault
SLP083	737	'43809932_/_5907572'	0.83	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5	Element Fault
SLP083	738	'5923439_/_5923436'	0.9	3.33	3.33	0.528	0.3	3.33	1.93 No	0.3	Element Fault
SLP083	739	'43809910_/_5907543'	0.87	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5	Element Fault
SLP083	740	'5907781_/_5907791'	0.77	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5	Element Fault
SLP083	741	'5928571_/_5928568'	1.07	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5	Element Fault
SLP083	742	'43810009_/_5907251'	0.7	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5	Element Fault
SLP083	743	'5932095_/_5932105'	0.73	3.33	3.33	0.528	0.3	3.33	1.93 No	0.3	Element Fault
SLP083	744	'5928282_/_5928448'	1.03	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5	Element Fault
SLP083	745	'43809931_/_5907556'	0.8	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5	Element Fault
SLP083	746	'5907481_/_5907491'	0.83	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5	Element Fault
SLP083	747	'43810209_/_5920687'	1.03	3.33	3.33	0.528	0.3	3.33	1.93 No	0.3	Element Fault
SLP083	748	'5920651_/_43810233'	1.03	3.33	3.33	0.528	0.3	3.33	1.93 No	0.3	Element Fault
SLP083	749	'43814747_/_5928581'	1	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5	Element Fault
SLP083	750	'5907426_/_5907436'	0.73	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5	Element Fault
SLP083	751	'43814714_/_5928464'	0.97	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5	Element Fault
SLP083	752	'5928269_/_5928279'	0.97	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5	Element Fault
SLP083	753	'43810008_/_5907238'	0.67	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5	Element Fault
SLP083	754	'5907468_/_5907478'	0.8	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5	Element Fault
SLP083	755	'5928480_/_43814716'	0.93	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5	Element Fault
SLP083	756	'43810242_/_5920661'	0.97	3.33	3.33	0.528	0.3	3.33	1.93 No	0.3	Element Fault
SLP083	757	'5907400_/_5907778'	0.7	3.2	3.33	0.528	0.5	3.33	1.93 No	0.5	Element Fault
SLP083	758	'5932082_/_5932092'	0.67	3.1	3.33	0.528	0.3	3.33	1.93 No	0.3	Element Fault
SLP083	759	'5928597_/_43814749'	0.93	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5	Element Fault
SLP083	760	'5920585_/_5920583'	0.93	3.33	3.33	0.528	0.3	3.33	1.93 No	0.3	Element Fault
SLP083	761	'5907455_/_5907465'	0.77	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5	Element Fault
SLP083	762	'5907413_/_5907423'	0.7	3.2	3.33	0.528	0.5	3.33	1.93 No	0.5	Element Fault
SLP083	763	'5920664_/_43810244'	0.9	3.33	3.33	0.528	0.2	3.33	1.93 No	0.2	Element Fault
SLP083	764	'5928256_/_5928266'	0.9	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5	Element Fault
SLP083	765	'43814725_/_5928490'	0.87	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5	Element Fault
SLP083	766	'43809899_/_43809901'	0.73	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5	Element Fault
SLP083	767	'43806831_/_5920674'	0.9	3.33	3.33	0.528	0.3	3.33	1.93 No	0.3	Element Fault
SLP083	768	'5928347_/_5928344'	0.87	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5	Element Fault
SLP083	769	'5928610_/_5928607'	0.87	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5	Element Fault
SLP083	770	'5907454_/_5907452'	0.7	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5	Element Fault
SLP083	771	'43809987_/_5907397'	0.63	2.9	3.33	0.528	0.5	3.33	1.93 No	0.5	Element Fault
SLP083	772	'5928243_/_5928253'	0.83	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5	Element Fault
SLP083	773	'43814692_/_43814694'	0.83	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5	Element Fault
SLP083	774	'5928506_/_5928503'	0.83	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5	Element Fault
SLP083	775	'43815802_/_5932079'	0.6	2.8	3.33	0.528	0.3	3.33	1.93 No	0.3	Element Fault
SLP083	776	'5928360_/_5928357'	0.83	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5	Element Fault
SLP083	777	'5928519_/_5928516'	0.83	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5	Element Fault
SLP083	778	'5907412_/_5907410'	0.63	2.93	3.33	0.528	0.5	3.33	1.93 No	0.5	Element Fault
SLP083	779	'5928230_/_5928240'	0.83	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5	Element Fault
SLP083	780	'7735057_/_8683784'	0.83	3.33	3.33	0.528	0.2	3.33	1.93 No	0.2	Element Fault
SLP083	781	'5928308_/_5928318'	0.8	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5	Element Fault
SLP083	782	'5928626_/_5928623'	0.8	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5	Element Fault
SLP083	783	'43814703_/_5928370'	0.8	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5	Element Fault
SLP083	784	'43815801_/_5932066'	0.57	2.63	3.33	0.528	0.3	3.33	1.93 No	0.3	Element Fault
SLP083	785	'5928139_/_5928227'	0.77	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5	Element Fault
SLP083	786	'5928295_/_5928305'	0.77	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5	Element Fault
SLP083	787	'5928386_/_5928383'	0.77	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5	Element Fault
SLP083	788	'5928399_/_5928396'	0.77	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5	Element Fault
SLP083	789	'7735058_/_7735055'	0.77	3.33	3.33	0.528	0.2	3.33	1.93 No	0.2	Element Fault
SLP083	790	'5907374_/_5907384'	0.57	2.57	3.33	0.528	0.5	3.33	1.93 No	0.5	Element Fault
SLP083	791	'43814670_/_5928149'	0.77	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5	Element Fault
SLP083	792	'5928294_/_5928292'	0.73	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5	Element Fault
SLP083	793	'5928126_/_5928136'	0.73	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5	Element Fault
SLP083	794	'5928412_/_5928409'	0.73	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5	Element Fault
SLP083	795	'473770639_/_83741104'	0.73	3.33	3.33	0.528	0.2	3.33	1.93 No	0.2	Element Fault
SLP083	796	'5928165_/_5928162'	0.73	3.33	3.33	0.528	0.5	3.33	1.93 No	0.5	Element Fault
SLP083	797	'471167280_/_473770662'	0.73	3.33	3.33	0.528	0.2	3.33	1.93 No	0.2	Element Fault
SLP083	798	'5928425_/_5928422'	0.7	3.23	3.33	0.528	0.5	3.33	1.93 No	0.5	Element Fault
SLP083	799	'43814659_/_5928123'	0.7	3.2	3.33	0.528	0.5	3.33	1.93 No	0.5	Element Fault
SLP083	800	'8373862_/_471167302'	0.7	3.3	3.33	0.528	0.2	3.33	1.93 No	0.2	Element Fault
SLP083	801	'43814681_/_5928175'	0.7	3.1	3.33	0.528	0.5	3.33	1.93 No	0.5	Element Fault
SLP083	802	'5907361_/_5907371'	0.53	2.33	3.33	0.528	0.5	3.33	1.93 No	0.5	Element Fault
SLP083	803	'5928097_/_5928110'	0.67	2.97	3.33	0.528	0.5	3.33	1.93 No	0.5	Element Fault
SLP083	804	'5928191_/_5928188'	0.67	2.93	3.33	0.528	0.5	3.33	1.93 No	0.5	Element Fault
SLP083	805	'5928096_/_5928094'	0.63	2.83	3.33	0.528	0.5	3.33	1.93 No	0.5	Element Fault
SLP083	806	'43809976_/_5907358'	0.5	2.17	3.33	0.528	0.5	3.33	1.93 No	0.5	Primary Over-Voltage
SLP083	807	'5928204_/_5928201'	0.63	2.77	3.33	0.528	0.5	3.33	1.93 No	0.5	Element Fault
SLP083	808	'7424236_/_8373860'	0.63	2.8	3.33	0.528	0.2	3.33	1.93 No	0.2	Element Fault
SLP083	809	'7103885_/_7103883'	0.6	2.7	3.33	0.528	0.5	3.33	1.93 No	0.5	Element Fault
SLP083	810	'7424237_/_566741876'	0.6	2.6	3.33	0.528	0.2	3.33	1.93 No	0.2	Element Fault
SLP083	811	'5907335_/_5907345'	0.47	2	3.33	0.528	0.5	3.33	1.93 No	0.47	Primary Over-Voltage
SLP083	812	'43809965_/_5907332'	0.43	1.9	3.33	0.528	0.5	3.33	1.93 No	0.43	Primary Over-Voltage
SLP083	813	'5907321_/_5907319'	0.4	1.77	3.33	0.528	0.5	3.33	1.93 No	0.4	Primary Over-Voltage
SLP084	0	'SLP084_/_7426066'	10	10	10	1.36	10	10	4.59 No	1.36	Thermal Discharging
SLP084	1	'7426068_/_7426066'	10	10	10	1.36	10	10	4.59 No	1.36	Thermal Discharging
SLP084	2	'9318233_/_9318230'	10	10	10	1.36	10	10	4.59 No	1.36	Thermal Discharging
SLP084	3	'7490743_/_9696042'	10	10	10	1.36	10	10	4.59 No	1.36	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SLP084		4 '8375957'/_/446301018'		10	10	10	1.36	10	10	4.59 No	1.36 Thermal Discharging
SLP084		5 '8375876'/_/9004063'		10	10	10	1.36	10	10	4.59 No	1.36 Thermal Discharging
SLP084		6 '8060237'/_/8375874'		10	10	10	1.36	10	10	4.59 No	1.36 Thermal Discharging
SLP084		7 '8060238'/_/8060235'		10	10	10	1.36	10	10	4.59 No	1.36 Thermal Discharging
SLP084		8 '582993618'/_/582993597'		10	10	10	1.36	10	10	4.59 No	1.36 Thermal Discharging
SLP084		9 '582993714'/_/582993697'		10	10	10	1.36	10	10	4.59 No	1.36 Thermal Discharging
SLP084		10 '7425238'/_/582993781'		10	10	10	1.36	10	10	4.59 No	1.36 Thermal Discharging
SLP084		11 '7425239'/_/7425236'		10	10	10	1.36	10	10	4.59 No	1.36 Thermal Discharging
SLP084		12 '7425358'/_/7736411'		10	10	10	1.36	10	10	4.59 No	1.36 Thermal Discharging
SLP084		13 '7425359'/_/7425356'		10	10	10	1.36	10	10	4.59 No	1.36 Thermal Discharging
SLP084		14 '8060819'/_/8375756'		10	10	10	1.36	10	10	4.59 No	1.36 Thermal Discharging
SLP084		15 '8060820'/_/8060817'		10	10	10	1.36	10	10	4.59 No	1.36 Thermal Discharging
SLP084		16 '9316844'/_/9628471'		10	10	10	1.36	10	10	4.59 No	1.36 Thermal Discharging
SLP084		17 '8059899'/_/9316842'		10	10	10	1.36	10	10	4.59 No	1.36 Thermal Discharging
SLP084		18 '7425198'/_/8059897'		10	10	10	1.36	10	10	4.59 No	1.36 Thermal Discharging
SLP084		19 '7425199'/_/7425196'		10	10	10	1.36	10	10	4.59 No	1.36 Thermal Discharging
SLP084		20 '8059859'/_/9627529'		10	10	10	1.36	10	10	4.59 No	1.36 Thermal Discharging
SLP084		21 '8059860'/_/8059857'		10	10	10	1.36	10	10	4.59 No	1.36 Thermal Discharging
SLP084		22 '7420107'/_/9003015'		10	10	10	1.36	10	10	4.59 No	1.36 Thermal Discharging
SLP084		23 '7420108'/_/7420105'		10	10	10	1.36	10	10	4.59 No	1.36 Thermal Discharging
SLP084		24 '7478448'/_/8375018'		10	10	10	1.36	10	10	4.59 No	1.36 Thermal Discharging
SLP084		25 '7478449'/_/7478446'		10	10	10	1.36	10	10	4.59 No	1.36 Thermal Discharging
SLP084		26 '5941501'/_/8419612_1'		10	10	10	1.36	10	10	4.59 No	1.36 Thermal Discharging
SLP084		27 '124280259'/_/8419612_2'		10	10	10	1.36	10	10	4.59 No	1.36 Thermal Discharging
SLP084		28 '5941500'/_/5941498'		10	10	10	1.36	10	10	4.59 No	1.36 Thermal Discharging
SLP084		29 '5941045'/_/5941609'		10	10	10	1.36	10	10	4.59 No	1.36 Thermal Discharging
SLP084		30 '5941632'/_/5941629'		10	10	10	1.36	10	10	4.59 No	1.36 Thermal Discharging
SLP084		31 '5941046'/_/5941069_1'	3.33	3.33	3.33	0.456	0.5	3.33	1.53 No	0.456 Thermal Discharging	
SLP084		32 '5941165'/_/5941646'		10	10	10	1.36	10	10	4.59 No	1.36 Thermal Discharging
SLP084		33 '5941059'/_/5941069_2'	3.33	3.33	3.33	0.456	0.5	3.33	1.53 No	0.456 Thermal Discharging	
SLP084		34 '5937512'/_/5941663'		10	10	10	1.36	10	10	4.59 No	1.36 Thermal Discharging
SLP084		35 '5941166'/_/5941189_1'	3.33	3.33	3.33	0.456	0.5	3.33	1.53 No	0.456 Thermal Discharging	
SLP084		36 '5933254'/_/5937510'		10	10	10	1.36	10	10	4.59 No	1.36 Thermal Discharging
SLP084		37 '5941072'/_/5941069_3'	3.33	3.33	3.33	0.456	0.5	3.33	1.53 No	0.456 Thermal Discharging	
SLP084		38 '5941179'/_/5941189_2'	3.33	3.33	3.33	0.456	0.5	3.33	1.53 No	0.456 Thermal Discharging	
SLP084		39 '5937530'/_/5937527'		10	10	10	1.36	10	10	4.59 No	1.36 Thermal Discharging
SLP084		40 '43818237'/_/5941069_4'	3.33	3.33	3.33	0.456	0.5	3.33	1.53 No	0.456 Thermal Discharging	
SLP084		41 '5933255'/_/5933294_3'	3.33	3.33	3.33	0.456	1.1	3.33	1.53 No	0.456 Thermal Discharging	
SLP084		42 '5937547'/_/5937544'		10	10	10	1.36	10	10	4.59 No	1.36 Thermal Discharging
SLP084		43 '5933268'/_/5933294_2'	3.33	3.33	3.33	0.456	0.5	3.33	1.53 No	0.456 Thermal Discharging	
SLP084		44 '5937567'/_/5937564'		10	10	10	1.36	10	10	4.59 No	1.36 Thermal Discharging
SLP084		45 '43818318'/_/5937584'		10	10	10	1.36	10	10	4.59 No	1.36 Thermal Discharging
SLP084		46 '5937604'/_/5937601'		10	10	10	1.36	10	10	4.59 No	1.36 Thermal Discharging
SLP084		47 '43818259'/_/5941189_3'	3.33	3.33	3.33	0.456	0.5	3.33	1.53 No	0.456 Thermal Discharging	
SLP084		48 '5941114'/_/5941202'	3.33	3.33	3.33	0.456	0.5	3.33	1.53 No	0.456 Thermal Discharging	
SLP084		49 '5975312'/_/7104287'		10	10	10	1.36	10	10	4.59 No	1.36 Thermal Discharging
SLP084		50 '5975313'/_/5975310'		10	10	10	1.36	10	10	4.59 No	1.36 Thermal Discharging
SLP084		51 '5941085'/_/43818239'	3.33	3.33	3.33	0.456	0.5	3.33	1.53 No	0.456 Thermal Discharging	
SLP084		52 '43824005'/_/5977881'		10	10	10	1.36	10	10	4.59 No	1.36 Thermal Discharging
SLP084		53 '5975332'/_/5975330_1'		10	10	10	1.36	10	10	4.59 No	1.36 Thermal Discharging
SLP084		54 '5933297'/_/5933294_1'	3.33	3.33	3.33	0.456	0.5	3.33	1.53 No	0.456 Thermal Discharging	
SLP084		55 '5975333'/_/5975330_2'		10	10	10	1.36	10	10	4.59 No	1.36 Thermal Discharging
SLP084		56 '5941153'/_/5941215'	3.33	3.33	3.33	0.456	0.5	3.33	1.53 No	0.456 Thermal Discharging	
SLP084		57 '43823992'/_/5975347'		10	10	10	1.36	10	10	4.59 No	1.36 Thermal Discharging
SLP084		58 '5975350'/_/5975364_1'		10	10	10	1.36	10	10	4.59 No	1.36 Thermal Discharging
SLP084		59 '5975367'/_/5975364_2'		10	10	10	1.36	10	10	4.59 No	1.36 Thermal Discharging
SLP084		60 '5965169'/_/5975381'		10	10	10	1.36	10	10	4.59 No	1.36 Thermal Discharging
SLP084		61 '43823979'/_/5975404'		10	10	10	1.36	10	10	4.59 No	1.36 Thermal Discharging
SLP084		62 '5915881'/_/5915878'	3.33	3.33	3.33	0.456	0.5	3.33	1.53 No	0.456 Thermal Discharging	
SLP084		63 '5965156'/_/5965153_2'	3.33	3.33	3.33	0.456	1	3.33	1.53 No	0.456 Thermal Discharging	
SLP084		64 '5975427'/_/5975424'		10	10	10	1.36	10	10	4.59 No	1.36 Thermal Discharging
SLP084		65 '43824053'/_/5975441'		10	10	10	1.36	10	10	4.59 No	1.36 Thermal Discharging
SLP084		66 '5975461'/_/43824055'		10	10	10	1.36	10	10	4.59 No	1.36 Thermal Discharging
SLP084		67 '5941113'/_/5941111'	3.33	3.33	3.33	0.456	0.5	3.33	1.53 No	0.456 Thermal Discharging	
SLP084		68 '5933310'/_/5933307'	3.33	3.33	3.33	0.456	0.5	3.33	1.53 No	0.456 Thermal Discharging	
SLP084		69 '5933242'/_/5933637'	3.33	3.33	3.33	0.456	0.5	3.33	1.53 No	0.456 Thermal Discharging	
SLP084		70 '5975478'/_/5975475'		10	10	10	1.36	10	10	4.59 No	1.36 Thermal Discharging
SLP084		71 '5941101'/_/5941098'	3.33	3.33	3.33	0.456	0.5	3.33	1.53 No	0.456 Thermal Discharging	
SLP084		72 '5965181'/_/5975492'		10	10	10	1.36	10	10	4.59 No	1.36 Thermal Discharging
SLP084		73 '5933229'/_/5933226'	3.33	3.33	3.33	0.456	0.5	3.33	1.53 No	0.456 Thermal Discharging	
SLP084		74 '43818248'/_/5941150'	3.33	3.33	3.33	0.456	0.5	3.33	1.53 No	0.456 Thermal Discharging	
SLP084		75 '5965182'/_/5965192_1'	3.33	3.33	3.33	0.456	0.5	3.33	1.53 No	0.456 Thermal Discharging	
SLP084		76 '5965347'/_/5975509'		10	10	10	1.36	10	10	4.59 No	1.36 Thermal Discharging
SLP084		77 '5965143'/_/5965153_1'	3.33	3.33	3.33	0.456	0.5	3.33	1.53 No	0.456 Thermal Discharging	
SLP084		78 '5975546'/_/5975543'		10	10	10	1.36	10	10	4.59 No	1.36 Thermal Discharging
SLP084		79 '7737276'/_/9004389_1'		10	10	10	1.36	10	10	4.59 No	1.36 Thermal Discharging
SLP084		80 '5965331'/_/5965328_2'	3.33	3.33	3.33	0.456	1.1	3.33	1.53 No	0.456 Thermal Discharging	
SLP084		81 '69384950'/_/5975580'		10	10	10	1.36	10	10	4.59 No	1.36 Thermal Discharging
SLP084		82 '43823541'/_/7104323'	3.33	3.33	3.33	0.456	0.5	3.33	1.53 No	0.456 Thermal Discharging	
SLP084		83 '8686340'/_/9004389_2'		10	10	10	1.36	10	10	4.59 No	1.36 Thermal Discharging
SLP084		84 '5965750'/_/7104271'	3.33	3.33	3.33	0.456	0.5	3.33	1.53 No	0.456 Thermal Discharging	
SLP084		85 '5965195'/_/5965192_2'	3.33	3.33	3.33	0.456	0.5	3.33	1.53 No	0.456 Thermal Discharging	
SLP084		86 '8376392'/_/8686338'		10	10	10	1.36	10	10	4.59 No	1.36 Thermal Discharging
SLP084		87 '5968416'/_/7104307'	3.33	3.33	3.33	0.456	0.5	3.33	1.53 No	0.456 Thermal Discharging	
SLP084		88 '5933241'/_/5933239'	3.33	3.33	3.33	0.456	0.5	3.33	1.53 No	0.456 Thermal Discharging	
SLP084		89 '5968417'/_/5968414'	3.33	3.33	3.33	0.456	0.5	3.33	1.53 No	0.456 Thermal Discharging	
SLP084		90 '431706668'/_/5968427_1'	3.33	3.33	3.33	0.456	0.5	3.33	1.53 No	0.456 Thermal Discharging	
SLP084		91 '5965130'/_/5965140'	3.33	3.33	3.33	0.456	0.5	3.33	1.53 No	0.456 Thermal Discharging	
SLP084		92 '5965318'/_/5965328_1'	3.33	3.33	3.33	0.456	0.5	3.33	1.53 No	0.456 Thermal Discharging	
SLP084		93 '45377910'/_/5968427_2'	3.33	3.33	3.33	0.456	0.5	3.33	1.53 No	0.456 Thermal Discharging	
SLP084		94 '5941127'/_/5941137'	3.33	3.33	3.33	0.456	0.5	3.33	1.53 No	0.456 Thermal Discharging	
SLP084		95 '43823924'/_/5965748'		3.1	3.33	3.33	0.456	0.5	3.33	1.53 No	0.456 Thermal Discharging
SLP084		96 '7426734'/_/8376390'		10	10	10	1.36	10	10	4.59 No	1.36 Thermal Discharging
SLP084		97 '43823935'/_/5969442'		2.93	3.33	3.33	0.456	0.5	3.33	1.53 No	0.456 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SLP084	98	'43824143_/5965205'	3.33	3.33	3.33	0.456	0.5	3.33	1.53 No	0.456	Thermal Discharging
SLP084	99	'5965305_/5965315'	3.33	3.33	3.33	0.456	0.5	3.33	1.53 No	0.456	Thermal Discharging
SLP084	100	'7426735_/7426732'	10	10	10	1.36	10	10	4.59 No	1.36	Thermal Discharging
SLP084	101	'43819584_/5956315'	2.87	3.33	3.33	0.456	0.5	3.33	1.53 No	0.456	Thermal Discharging
SLP084	102	'9004412_/9004429_2'	10	10	10	1.36	10	10	4.59 No	1.36	Thermal Discharging
SLP084	103	'5976834_/9004429_1'	10	10	10	1.36	10	10	4.59 No	1.36	Thermal Discharging
SLP084	104	'420713157_/5976831_2'	10	10	10	1.36	10	10	4.59 No	1.36	Thermal Discharging
SLP084	105	'43824988_/5976831_1'	10	10	10	1.36	10	10	4.59 No	1.36	Thermal Discharging
SLP084	106	'5965129_/5965127'	3.33	3.33	3.33	0.456	0.5	3.33	1.53 No	0.456	Thermal Discharging
SLP084	107	'5972609_/5976848'	10	10	10	1.36	10	10	4.59 No	1.36	Thermal Discharging
SLP084	108	'5941126_/5941124'	2.53	3.33	3.33	0.456	0.5	3.33	1.53 No	0.456	Thermal Discharging
SLP084	109	'5976800_/5976814'	10	10	10	1.36	10	10	4.59 No	1.36	Thermal Discharging
SLP084	110	'43825001_/5976865'	10	10	10	1.36	10	10	4.59 No	1.36	Thermal Discharging
SLP084	111	'5972541_/5972538_1'	3.33	3.33	3.33	0.456	0.5	3.33	1.53 No	0.456	Thermal Discharging
SLP084	112	'43827209_/43825003'	10	10	10	1.36	10	10	4.59 No	1.36	Thermal Discharging
SLP084	113	'5976884_/5994560'	10	10	10	1.36	10	10	4.59 No	1.36	Thermal Discharging
SLP084	114	'5972528_/5972538_2'	3.33	3.33	3.33	0.456	0.5	3.33	1.53 No	0.456	Thermal Discharging
SLP084	115	'5976885_/5976882'	10	10	10	1.36	10	10	4.59 No	1.36	Thermal Discharging
SLP084	116	'5972621_/5976899'	10	10	10	1.36	10	10	4.59 No	1.36	Thermal Discharging
SLP084	117	'65409009_/5976936'	10	10	10	1.36	10	10	4.59 No	1.36	Thermal Discharging
SLP084	118	'114656857_/65408928_2'	10	10	10	1.36	10	10	4.59 No	1.36	Thermal Discharging
SLP084	119	'65408917_/65408928_1'	10	10	10	1.36	10	10	4.59 No	1.36	Thermal Discharging
SLP084	120	'5969457_/5969484'	2.1	3.33	3.33	0.456	0.5	3.33	1.53 No	0.456	Thermal Discharging
SLP084	121	'43824042_/43824044'	3.33	3.33	3.33	0.456	0.5	3.33	1.53 No	0.456	Thermal Discharging
SLP084	122	'7059101_/7104731'	10	10	10	1.36	10	10	4.59 No	1.36	Thermal Discharging
SLP084	123	'43823968_/5992789'	2.7	3.33	3.33	0.456	0.5	3.33	1.53 No	0.456	Thermal Discharging
SLP084	124	'61718772_/5972619_1'	3.33	3.33	3.33	0.456	0.5	3.33	1.53 No	0.456	Thermal Discharging
SLP084	125	'7055801_/7059099'	10	10	10	1.36	10	10	4.59 No	1.36	Thermal Discharging
SLP084	126	'5972512_/5972525'	3.33	3.33	3.33	0.456	0.5	3.33	1.53 No	0.456	Thermal Discharging
SLP084	127	'5965221_/43824145'	3.33	3.33	3.33	0.456	0.5	3.33	1.53 No	0.456	Thermal Discharging
SLP084	128	'7059122_/7059119'	10	10	10	1.36	10	10	4.59 No	1.36	Thermal Discharging
SLP084	129	'7055802_/7055812_1'	3.33	3.33	3.33	0.456	0.5	3.33	1.53 No	0.456	Thermal Discharging
SLP084	130	'5956357_/5956367'	2.07	3.33	3.33	0.456	0.5	3.33	1.53 No	0.456	Thermal Discharging
SLP084	131	'7056111_/7059136'	10	10	10	1.36	10	10	4.59 No	1.36	Thermal Discharging
SLP084	132	'7055789_/7055812_2'	3.33	3.33	3.33	0.456	0.5	3.33	1.53 No	0.456	Thermal Discharging
SLP084	133	'7056112_/7056109'	10	10	10	1.36	7.9	10	4.59 No	1.36	Thermal Discharging
SLP084	134	'70285105_/7056091_1'	6.67	6.67	6.67	0.904	1.1	6.67	3.06 No	0.904	Thermal Discharging
SLP084	135	'7056094_/7056091_2'	6.67	6.67	6.67	0.904	1.1	6.67	3.06 No	0.904	Thermal Discharging
SLP084	136	'7058462_/7058459'	10	10	10	1.36	7.7	10	4.59 No	1.36	Thermal Discharging
SLP084	137	'5972470_/5972509'	3.33	3.33	3.33	0.456	0.5	3.33	1.53 No	0.456	Thermal Discharging
SLP084	138	'44049979_/7056091_3'	6.67	6.67	6.67	0.904	1.1	6.67	3.06 No	0.904	Thermal Discharging
SLP084	139	'5965237_/5965234'	3.33	3.33	3.33	0.456	0.5	3.33	1.53 No	0.456	Thermal Discharging
SLP084	140	'5972622_/5972619_2'	3.33	3.33	3.33	0.456	0.5	3.33	1.53 No	0.456	Thermal Discharging
SLP084	141	'5965276_/5965289'	3.33	3.33	3.33	0.456	0.5	3.33	1.53 No	0.456	Thermal Discharging
SLP084	142	'5965117_/5992776'	2.07	3.33	3.33	0.456	0.5	3.33	1.53 No	0.456	Thermal Discharging
SLP084	143	'44049991_/7059285'	6.67	6.67	6.67	0.904	1.1	6.67	3.06 No	0.904	Thermal Discharging
SLP084	144	'43819573_/43819575'	1.73	3.33	3.33	0.456	0.5	3.33	1.53 No	0.456	Thermal Discharging
SLP084	145	'7056064_/7056076'	6.67	6.67	6.67	0.904	1.1	6.67	3.06 No	0.904	Thermal Discharging
SLP084	146	'7055827_/7058510'	3.33	3.33	3.33	0.456	0.5	3.33	1.53 No	0.456	Thermal Discharging
SLP084	147	'7055788_/7055812_3'	3.33	3.33	3.33	0.456	0.5	3.33	1.53 No	0.456	Thermal Discharging
SLP084	148	'73165690_/7056061_2'	6.67	6.67	6.67	0.904	1.1	6.67	3.06 No	0.904	Thermal Discharging
SLP084	149	'44050003_/7059230'	3.33	3.33	3.33	0.456	1.5	3.33	1.53 No	0.456	Thermal Discharging
SLP084	150	'7056049_/7056061_1'	6.67	6.67	6.67	0.904	1.1	6.67	3.06 No	0.904	Thermal Discharging
SLP084	151	'7059233_/7059259_1'	3.33	3.33	3.33	0.456	0.5	3.33	1.53 No	0.456	Thermal Discharging
SLP084	152	'43823946_/5969455'	1.6	3.33	3.33	0.456	0.5	3.33	1.53 No	0.456	Thermal Discharging
SLP084	153	'5965263_/5965273'	3.33	3.33	3.33	0.456	0.5	3.33	1.53 No	0.456	Thermal Discharging
SLP084	154	'5972457_/5972467'	2.63	3.33	3.33	0.456	0.5	3.33	1.53 No	0.456	Thermal Discharging
SLP084	155	'7056034_/7056046'	6.67	6.67	6.67	0.904	1.1	6.67	3.06 No	0.904	Thermal Discharging
SLP084	156	'7046162_/7046175'	6.67	6.67	6.67	0.904	1.1	6.67	3.06 No	0.904	Thermal Discharging
SLP084	157	'5972483_/5972480'	2.47	3.33	3.33	0.456	0.5	3.33	1.53 No	0.456	Thermal Discharging
SLP084	158	'65408703_/65408915'	10	10	10	1.36	10	10	4.59 No	1.36	Thermal Discharging
SLP084	159	'5972635_/5972632'	3.33	3.33	3.33	0.456	0.5	3.33	1.53 No	0.456	Thermal Discharging
SLP084	160	'403794890_/65408610'	10	10	10	1.36	10	10	4.59 No	1.36	Thermal Discharging
SLP084	161	'65408723_/65408634'	10	10	10	1.36	10	10	4.59 No	1.36	Thermal Discharging
SLP084	162	'65408693_/65408604'	10	10	10	1.36	4.8	10	4.59 No	1.36	Thermal Discharging
SLP084	163	'5992750_/5992747'	1.73	3.33	3.33	0.456	0.5	3.33	1.53 No	0.456	Thermal Discharging
SLP084	164	'43823957_/5965114'	1.73	3.33	3.33	0.456	0.5	3.33	1.53 No	0.456	Thermal Discharging
SLP084	165	'7478524_/65408809'	9.7	10	10	1.36	10	10	4.59 No	1.36	Thermal Discharging
SLP084	166	'7056271_/7059259_2'	3.33	3.33	3.33	0.456	0.5	3.33	1.53 No	0.456	Thermal Discharging
SLP084	167	'7478525_/7478522'	9.4	10	10	1.36	10	10	4.59 No	1.36	Thermal Discharging
SLP084	168	'44049967_/44049969'	6.67	6.67	6.67	0.904	1.1	6.67	3.06 No	0.904	Thermal Discharging
SLP084	169	'7056016_/7056013_2'	6.67	6.67	6.67	0.904	1.1	6.67	3.06 No	0.904	Thermal Discharging
SLP084	170	'5956331_/5956341'	1.47	3.33	3.33	0.456	0.5	3.33	1.53 No	0.456	Thermal Discharging
SLP084	171	'7046163_/7046160'	5.47	6.67	6.67	0.904	1.1	6.67	3.06 No	0.904	Thermal Discharging
SLP084	172	'7786510_/7786507'	8.4	10	10	1.36	10	10	4.59 No	1.36	Thermal Discharging
SLP084	173	'44050086_/7055825'	3.33	3.33	3.33	0.456	0.5	3.33	1.53 No	0.456	Thermal Discharging
SLP084	174	'8735053_/8735050'	8.4	10	10	1.36	10	10	4.59 No	1.36	Thermal Discharging
SLP084	175	'8108264_/8735070'	8.2	10	10	1.36	10	10	4.59 No	1.36	Thermal Discharging
SLP084	176	'7056300_/7056297'	3.33	3.33	3.33	0.456	0.5	3.33	1.53 No	0.456	Thermal Discharging
SLP084	177	'44784003_/5969468'	1.4	3.33	3.33	0.456	0.5	3.33	1.53 No	0.456	Thermal Discharging
SLP084	178	'7055958_/7056013_1'	5.93	6.67	6.67	0.904	1.1	6.67	3.06 No	0.904	Thermal Discharging
SLP084	179	'5973125_/5973122'	3.33	3.33	3.33	0.456	0.5	3.33	1.53 No	0.456	Thermal Discharging
SLP084	180	'7056270_/7056268'	3.33	3.33	3.33	0.456	0.5	3.33	1.53 No	0.456	Thermal Discharging
SLP084	181	'5972496_/5972493'	2.03	3.33	3.33	0.456	0.5	3.33	1.53 No	0.456	Thermal Discharging
SLP084	182	'5972444_/5972454'	2	3.33	3.33	0.456	0.5	3.33	1.53 No	0.456	Thermal Discharging
SLP084	183	'43824031_/5965260'	2.47	3.33	3.33	0.456	0.5	3.33	1.53 No	0.456	Thermal Discharging
SLP084	184	'5969500_/5969510'	1.5	3.33	3.33	0.456	0.5	3.33	1.53 No	0.456	Thermal Discharging
SLP084	185	'44050130_/7056471'	4.6	6.67	6.67	0.904	1.1	6.67	3.06 No	0.904	Thermal Discharging
SLP084	186	'65409543_/8108262'	7.6	10	10	1.36	10	10	4.59 No	1.36	Thermal Discharging
SLP084	187	'88534853_/65409540_1'	7.6	10	10	1.36	10	10	4.59 No	1.36	Thermal Discharging
SLP084	188	'5992763_/5992760'	1.5	3.33	3.33	0.456	0.5	3.33	1.53 No	0.456	Thermal Discharging
SLP084	189	'7059497_/65409540_2'	7.5	10	10	1.36	10	10	4.59 No	1.36	Thermal Discharging
SLP084	190	'68953058_/44050901'	7.5	10	10	1.36	10	10	4.59 No	1.36	Thermal Discharging
SLP084	191	'68953293_/68953061_1'	2.5	3.33	3.33	0.456	0.5	3.33	1.53 No	0.456	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SLP084	192	'7059773_/'7059770'	3.33		3.33	3.33	0.456	0.5	3.33	1.53 No	0.456 Thermal Discharging
SLP084	193	'65409351_/'65409187_2'	7.2		10	10	1.36	6.1	10	4.59 No	1.36 Thermal Discharging
SLP084	194	'7059189_/'7059534'	7.4		10	10	1.36		10	4.59 No	1.36 Thermal Discharging
SLP084	195	'7059248_/'44050016'	3.33		3.33	3.33	0.456	0.5	3.33	1.53 No	0.456 Thermal Discharging
SLP084	196	'7055945_/'7055955'	2.4		3.33	3.33	0.456	0.55	3.33	1.53 No	0.456 Thermal Discharging
SLP084	197	'44050899_/'68953061_2'	2.5		3.33	3.33	0.456	0.5	3.33	1.53 No	0.456 Thermal Discharging
SLP084	198	'7059156_/'7059187'	7.4		10	10	1.36		10	4.59 No	1.36 Thermal Discharging
SLP084	199	'7055971_/'7055968'	2.37		3.33	3.33	0.456	0.55	3.33	1.53 No	0.456 Thermal Discharging
SLP084	200	'7046079_/'7056486'	4.2		6.67	6.67	0.904	1.1	6.67	3.06 No	0.904 Thermal Discharging
SLP084	201	'44050765_/'44050767'	7.3		10	10	1.36		10	4.59 No	1.36 Thermal Discharging
SLP084	202	'5956330_/'5956328'	1.3		3.33	3.33	0.456	0.5	3.33	1.53 No	0.456 Thermal Discharging
SLP084	203	'7059172_/'7059170'	7.3		10	10	1.36		10	4.59 No	1.36 Thermal Discharging
SLP084	204	'7055932_/'7055942'	2.23		3.33	3.33	0.456	0.55	3.33	1.53 No	0.456 Thermal Discharging
SLP084	205	'7066091_/'7119022'	7.3		10	10	1.36		10	4.59 No	1.36 Thermal Discharging
SLP084	206	'7062585_/'7066089'	7.2		10	10	1.36		10	4.59 No	1.36 Thermal Discharging
SLP084	207	'64379983_/'7062583_1'	7.2		10	10	1.36	1.7	10	4.59 No	1.36 Thermal Discharging
SLP084	208	'7066109_/'7066106'	7.2		10	10	1.36		10	4.59 No	1.36 Thermal Discharging
SLP084	209	'7056725_/'7059465'	2.23		3.33	3.33	0.456	0.5	3.33	1.53 No	0.456 Thermal Discharging
SLP084	210	'7056286_/'7059783'	3.33		3.33	3.33	0.456	0.5	3.33	1.53 No	0.456 Thermal Discharging
SLP084	211	'7066126_/'7066123'	7.1		10	10	1.36		10	4.59 No	1.36 Thermal Discharging
SLP084	212	'5972443_/'5972441'	1.7		3.33	3.33	0.456	0.5	3.33	1.53 No	0.456 Thermal Discharging
SLP084	213	'7046080_/'7046077'	3.8		6.67	6.67	0.904	1.1	6.67	3.06 No	0.904 Thermal Discharging
SLP084	214	'5969499_/'5969497'	1.33		3.33	3.33	0.456	0.5	3.33	1.53 No	0.456 Thermal Discharging
SLP084	215	'65409390_/'65409187_1'	6.2		10	10	1.36	4	10	4.59 No	1.36 Thermal Discharging
SLP084	216	'44051847_/'7066140'	7		10	10	1.36		10	4.59 No	1.36 Thermal Discharging
SLP084	217	'448409334_/'448409385'	5.7		10	10	1.36	4.8	10	4.59 No	1.36 Thermal Discharging
SLP084	218	'243744094_/'7046098_1'	1.9		3.33	3.33	0.456	0.3	3.33	1.53 No	0.3 Element Fault
SLP084	219	'7066160_/'44051849'	7		10	10	1.36		10	4.59 No	1.36 Thermal Discharging
SLP084	220	'7055919_/'7055929'	2		3.33	3.33	0.456	0.55	3.33	1.53 No	0.456 Thermal Discharging
SLP084	221	'91640443_/'7066174_1'	6.9		10	10	1.36		10	4.59 No	1.36 Thermal Discharging
SLP084	222	'7066177_/'7066174_2'	6.9		10	10	1.36		10	4.59 No	1.36 Thermal Discharging
SLP084	223	'43824030_/'5965247'	1.97		3.33	3.33	0.456	0.5	3.33	1.53 No	0.456 Thermal Discharging
SLP084	224	'7066194_/'7066191'	6.9		10	10	1.36		10	4.59 No	1.36 Thermal Discharging
SLP084	225	'7056313_/'7056310'	3.33		3.33	3.33	0.456	0.5	3.33	1.53 No	0.456 Thermal Discharging
SLP084	226	'44049945_/'7055984'	1.9		3.33	3.33	0.456	0.55	3.33	1.53 No	0.456 Thermal Discharging
SLP084	227	'7056287_/'7056284'	3.33		3.33	3.33	0.456	0.5	3.33	1.53 No	0.456 Thermal Discharging
SLP084	228	'454810461_/'9052525'	5.7		10	10	1.36	4	10	4.59 No	1.36 Thermal Discharging
SLP084	229	'7046065_/'7046127'	3.47		6.67	6.67	0.904	1.1	6.67	3.06 No	0.904 Thermal Discharging
SLP084	230	'7055906_/'7055916_2'	1.87		3.33	3.33	0.456	0.55	3.33	1.53 No	0.456 Thermal Discharging
SLP084	231	'71865808_/'454810490'	5.5		10	10	1.36	4	10	4.59 No	1.36 Thermal Discharging
SLP084	232	'44049956_/'7055916_1'	1.83		3.33	3.33	0.456	0.55	3.33	1.53 No	0.456 Thermal Discharging
SLP084	233	'7062586_/'7062583_2'	6.1		10	10	1.36	1.7	10	4.59 No	1.36 Thermal Discharging
SLP084	234	'44050186_/'7056722'	1.93		3.33	3.33	0.456	0.5	3.33	1.53 No	0.456 Thermal Discharging
SLP084	235	'69384105_/'7668728'	5.5		10	10	1.36	4	10	4.59 No	1.36 Thermal Discharging
SLP084	236	'69384128_/'69384102'	3.53		6.67	6.67	0.904	2.67	6.67	3.06 No	0.904 Thermal Discharging
SLP084	237	'7056326_/'7056323'	3.07		3.33	3.33	0.456	0.5	3.33	1.53 No	0.456 Thermal Discharging
SLP084	238	'7046101_/'7046098_2'	1.93		3.33	3.33	0.456	0.3	3.33	1.53 No	0.3 Element Fault
SLP084	239	'7046064_/'7046062'	3.27		6.67	6.67	0.904	1.1	6.67	3.06 No	0.904 Thermal Discharging
SLP084	240	'44050025_/'7059741'	2.83		3.33	3.33	0.456	0.5	3.33	1.53 No	0.456 Thermal Discharging
SLP084	241	'69384049_/'69384125'	5.2		10	10	1.36	4	10	4.59 No	1.36 Thermal Discharging
SLP084	242	'7055893_/'7055903'	1.67		3.33	3.33	0.456	0.55	3.33	1.53 No	0.456 Thermal Discharging
SLP084	243	'7062623_/'7062637'	5.6		10	10	1.36	1.7	10	4.59 No	1.36 Thermal Discharging
SLP084	244	'7056338_/'7056336'	3.07		6.67	6.67	0.904	1.1	6.67	3.06 No	0.904 Thermal Discharging
SLP084	245	'7056699_/'7056709'	1.73		3.33	3.33	0.456	0.5	3.33	1.53 No	0.456 Thermal Discharging
SLP084	246	'7057156_/'7057153'	2.67		3.33	3.33	0.456	0.5	3.33	1.53 No	0.456 Thermal Discharging
SLP084	247	'69384078_/'9052391'	4.9		10	10	1.36	4	10	4.59 No	1.36 Thermal Discharging
SLP084	248	'7059274_/'44050027'	2.53		3.33	3.33	0.456	0.5	3.33	1.53 No	0.456 Thermal Discharging
SLP084	249	'243744114_/'7056351_1'	1.53		3.33	3.33	0.456	0.3	3.33	1.53 No	0.3 Element Fault
SLP084	250	'44050945_/'7046114'	2		3.33	3.33	0.456	0.3	3.33	1.53 No	0.3 Element Fault
SLP084	251	'448409289_/'448409353'	4.4		10	10	1.36	4.8	10	4.59 No	1.36 Thermal Discharging
SLP084	252	'7046117_/'65409762_2'	2		3.33	3.33	0.456	0.3	3.33	1.53 No	0.3 Element Fault
SLP084	253	'44050175_/'7056696'	1.6		3.33	3.33	0.456	0.5	3.33	1.53 No	0.456 Thermal Discharging
SLP084	254	'7057169_/'7057166'	2.4		3.33	3.33	0.456	0.5	3.33	1.53 No	0.456 Thermal Discharging
SLP084	255	'7062698_/'7062696'	1.67		3.33	3.33	0.456	0.57	3.33	1.53 No	0.456 Thermal Discharging
SLP084	256	'44051825_/'7062709'	1.7		3.33	3.33	0.456	0.57	3.33	1.53 No	0.456 Thermal Discharging
SLP084	257	'7056354_/'7056351_2'	1.53		3.33	3.33	0.456	0.3	3.33	1.53 No	0.3 Element Fault
SLP084	258	'7062603_/'7062620'	4.9		10	10	1.36	1.7	10	4.59 No	1.36 Thermal Discharging
SLP084	259	'7062712_/'7062722_1'	1.67		3.33	3.33	0.456	0.57	3.33	1.53 No	0.456 Thermal Discharging
SLP084	260	'7059553_/'7059551'	2.73		6.67	6.67	0.904	1.1	6.67	3.06 No	0.904 Thermal Discharging
SLP084	261	'44050197_/'7059272'	2.2		3.33	3.33	0.456	0.5	3.33	1.53 No	0.456 Thermal Discharging
SLP084	262	'7056367_/'7056364'	1.57		3.33	3.33	0.456	0.3	3.33	1.53 No	0.3 Element Fault
SLP084	263	'65409786_/'65409762_1'	2.03		3.33	3.33	0.456	0.3	3.33	1.53 No	0.3 Element Fault
SLP084	264	'44051790_/'7062894'	4.7		10	10	1.36	1.7	10	4.59 No	1.36 Thermal Discharging
SLP084	265	'8376373_/'65409124'	4.1		10	10	1.36	4.8	10	4.59 No	1.36 Thermal Discharging
SLP084	266	'69384385_/'69384232'	4.5		10	10	1.36	4	10	4.59 No	1.36 Thermal Discharging
SLP084	267	'7058872_/'7119009'	1.53		3.33	3.33	0.456	0.57	3.33	1.53 No	0.456 Thermal Discharging
SLP084	268	'7056673_/'7056683'	1.5		3.33	3.33	0.456	0.5	3.33	1.53 No	0.456 Thermal Discharging
SLP084	269	'43072627_/'430726264'	1.37		3.33	3.33	0.456	0.55	3.33	1.53 No	0.456 Thermal Discharging
SLP084	270	'8061644_/'8376370'	4		10	10	1.36	4.8	10	4.59 No	1.36 Thermal Discharging
SLP084	271	'7426655_/'8061641'	3.9		10	10	1.36	4.8	10	4.59 No	1.36 Thermal Discharging
SLP084	272	'5973206_/'7104748'	2.53		6.67	6.67	0.904	1.1	6.67	3.06 No	0.904 Thermal Discharging
SLP084	273	'7062725_/'7062722_2'	1.5		3.33	3.33	0.456	0.57	3.33	1.53 No	0.456 Thermal Discharging
SLP084	274	'71865687_/'65409789'	2.03		3.33	3.33	0.456	0.3	3.33	1.53 No	0.3 Element Fault
SLP084	275	'7062602_/'7062600'	4.4		10	10	1.36	1.7	10	4.59 No	1.36 Thermal Discharging
SLP084	276	'7474914_/'69384383'	3.6		10	10	1.36	4	10	4.59 No	1.36 Thermal Discharging
SLP084	277	'7059275_/'44050199'	1.97		3.33	3.33	0.456	0.5	3.33	1.53 No	0.456 Thermal Discharging
SLP084	278	'44050097_/'7056377'	1.57		3.33	3.33	0.456	0.3	3.33	1.53 No	0.3 Element Fault
SLP084	279	'7056660_/'7056670'	1.4		3.33	3.33	0.456	0.5	3.33	1.53 No	0.456 Thermal Discharging
SLP084	280	'7426654_/'7426652'	3.7		10	10	1.36	4.8	10	4.59 No	1.36 Thermal Discharging
SLP084	281	'453766019_/'453766034'	3.7		10	10	1.36	4.8	10	4.59 No	1.36 Thermal Discharging
SLP084	282	'7058871_/'7058869'	1.4		3.33	3.33	0.456	0.57	3.33	1.53 No	0.456 Thermal Discharging
SLP084	283	'69384494_/'7474912'	3.6		10	10	1.36	4	10	4.59 No	1.36 Thermal Discharging
SLP084	284	'44051022_/'71865720'	1.9		3.33	3.33	0.456	0.3	3.33	1.53 No	0.3 Element Fault
SLP084	285	'7426638_/'9318668'	3.6		10	10	1.36	4.8	10	4.59 No	1.36 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SLP084	286	'7426603_/9629023_2'	1.17	3.33	3.33	0.456	1.6	3.33	1.53 No	0.456	Thermal Discharging
SLP084	287	'44051836_/7062735'	1.37	3.33	3.33	0.456	0.57	3.33	1.53 No	0.456	Thermal Discharging
SLP084	288	'5973112_/9629023_1'	1.17	3.33	3.33	0.456	0.5	3.33	1.53 No	0.456	Thermal Discharging
SLP084	289	'8686241_/7426636'	3.5	10	10	1.36	4.8	10	4.59 No	1.36	Thermal Discharging
SLP084	290	'7786470_/69384584'	3.4	10	10	1.36	4	10	4.59 No	1.36	Thermal Discharging
SLP084	291	'7068888_/7068885'	3.9	10	10	1.36	1.7	10	4.59 No	1.36	Thermal Discharging
SLP084	292	'7046238_/7046235'	1.6	3.33	3.33	0.456	0.3	3.33	1.53 No	0.3	Element Fault
SLP084	293	'9365559_/9365556'	3.4	10	10	1.36	4	10	4.59 No	1.36	Thermal Discharging
SLP084	294	'44050164_/7056657'	1.27	3.33	3.33	0.456	0.5	3.33	1.53 No	0.456	Thermal Discharging
SLP084	295	'9680652_/9680650_1'	3.8	10	10	1.36	1.5	10	4.59 No	1.36	Thermal Discharging
SLP084	296	'7056503_/44051024'	1.77	3.33	3.33	0.456	0.3	3.33	1.53 No	0.3	Element Fault
SLP084	297	'454385985_/9680368'	3.4	10	10	1.36	4	10	4.59 No	1.36	Thermal Discharging
SLP084	298	'454385991_/74082730'	3.4	10	10	1.36	4	10	4.59 No	1.36	Thermal Discharging
SLP084	299	'454385978_/74082709'	3.4	10	10	1.36	4	10	4.59 No	1.36	Thermal Discharging
SLP084	300	'454386052_/454386049'	3.4	10	10	1.36	4	10	4.59 No	1.36	Thermal Discharging
SLP084	301	'454385979_/74082692'	3.4	10	10	1.36	4	10	4.59 No	1.36	Thermal Discharging
SLP084	302	'5973099_/5973109'	1.1	3.33	3.33	0.456	0.5	3.33	1.53 No	0.456	Thermal Discharging
SLP084	303	'393143374_/393143394'	3.3	10	10	1.36	4.8	10	4.59 No	1.36	Thermal Discharging
SLP084	304	'8686240_/8686238'	3.3	10	10	1.36	4.8	10	4.59 No	1.36	Thermal Discharging
SLP084	305	'9680653_/9680650_2'	3.7	10	10	1.36	1.5	10	4.59 No	1.36	Thermal Discharging
SLP084	306	'5973722_/5974775'	1.1	3.33	3.33	0.456	0.5	3.33	1.53 No	0.456	Thermal Discharging
SLP084	307	'7737236_/9629039'	3.2	10	10	1.36	4.8	10	4.59 No	1.36	Thermal Discharging
SLP084	308	'7737216_/7737233'	3.2	10	10	1.36	4.8	10	4.59 No	1.36	Thermal Discharging
SLP084	309	'362821696_/362821704'	1.2	3.33	3.33	0.456	0.5	3.33	1.53 No	0.456	Thermal Discharging
SLP084	310	'7056634_/7056644'	1.2	3.33	3.33	0.456	0.5	3.33	1.53 No	0.456	Thermal Discharging
SLP084	311	'7056504_/7056501'	1.67	3.33	3.33	0.456	0.3	3.33	1.53 No	0.3	Element Fault
SLP084	312	'7062751_/44051838'	1.23	3.33	3.33	0.456	0.57	3.33	1.53 No	0.456	Thermal Discharging
SLP084	313	'70287697_/7046251'	1.6	3.33	3.33	0.456	0.3	3.33	1.53 No	0.3	Element Fault
SLP084	314	'441404970_/8108242_1'	3.4	10	10	1.36	4	10	4.59 No	1.36	Thermal Discharging
SLP084	315	'37943916_/7737213'	3.1	10	10	1.36	4.8	10	4.59 No	1.36	Thermal Discharging
SLP084	316	'614078882_/614078912'	3.1	10	10	1.36	4.8	10	4.59 No	1.36	Thermal Discharging
SLP084	317	'37943902_/614078902'	3.1	10	10	1.36	4.8	10	4.59 No	1.36	Thermal Discharging
SLP084	318	'37943888_/614078888'	3.1	10	10	1.36	4.8	10	4.59 No	1.36	Thermal Discharging
SLP084	319	'614078883_/614078880'	3.1	10	10	1.36	4.8	10	4.59 No	1.36	Thermal Discharging
SLP084	320	'44050743_/8108242_2'	3.4	10	10	1.36	4	10	4.59 No	1.36	Thermal Discharging
SLP084	321	'43825124_/43825126'	1.03	3.33	3.33	0.456	0.5	3.33	1.53 No	0.456	Thermal Discharging
SLP084	322	'8061663_/8061661'	3.1	10	10	1.36	4.8	10	4.59 No	1.36	Thermal Discharging
SLP084	323	'7056621_/7056631'	1.13	3.33	3.33	0.456	0.5	3.33	1.53 No	0.456	Thermal Discharging
SLP084	324	'9318690_/9318688'	3.1	10	10	1.36	4.8	10	4.59 No	1.36	Thermal Discharging
SLP084	325	'7062764_/7062761'	1.2	3.33	3.33	0.456	0.57	3.33	1.53 No	0.456	Thermal Discharging
SLP084	326	'441404941_/7786427_1'	3.4	10	10	1.36	4	10	4.59 No	1.36	Thermal Discharging
SLP084	327	'7786430_/7786427_2'	3.4	10	10	1.36	4	10	4.59 No	1.36	Thermal Discharging
SLP084	328	'43825215_/5973720'	1.03	3.33	3.33	0.456	0.5	3.33	1.53 No	0.456	Thermal Discharging
SLP084	329	'8686221_/9629003_2'	3.1	10	10	1.36	4.8	10	4.59 No	1.36	Thermal Discharging
SLP084	330	'7474971_/8418116'	3.4	10	10	1.36	4	10	4.59 No	1.36	Thermal Discharging
SLP084	331	'71865837_/7474896_2'	1.27	3.33	3.33	0.456	1.33	3.33	1.53 No	0.456	Thermal Discharging
SLP084	332	'5973086_/5973083_2'	1.03	3.33	3.33	0.456	0.5	3.33	1.53 No	0.456	Thermal Discharging
SLP084	333	'5973040_/9629003_1'	3.1	10	10	1.36	1.5	10	4.59 No	1.36	Thermal Discharging
SLP084	334	'7474970_/7474968'	3.4	10	10	1.36	4	10	4.59 No	1.36	Thermal Discharging
SLP084	335	'69384160_/7474896_1'	1.27	3.33	3.33	0.456	1.33	3.33	1.53 No	0.456	Thermal Discharging
SLP084	336	'7056393_/65409716'	1.57	3.33	3.33	0.456	0.3	3.33	1.53 No	0.3	Element Fault
SLP084	337	'7474951_/8418096'	3.4	10	10	1.36	4	10	4.59 No	1.36	Thermal Discharging
SLP084	338	'5973723_/5973733_1'	1.03	3.33	3.33	0.456	0.5	3.33	1.53 No	0.456	Thermal Discharging
SLP084	339	'69384200_/8108034_1'	1.27	3.33	3.33	0.456	1.33	3.33	1.53 No	0.456	Thermal Discharging
SLP084	340	'9052490_/9680388'	3.4	10	10	1.36	4	10	4.59 No	1.36	Thermal Discharging
SLP084	341	'7474950_/7474948'	3.4	10	10	1.36	4	10	4.59 No	1.36	Thermal Discharging
SLP084	342	'69384183_/8418156_1'	1.23	3.33	3.33	0.456	0.5	3.33	1.53 No	0.456	Thermal Discharging
SLP084	343	'7786410_/9052487'	3.4	10	10	1.36	4	10	4.59 No	1.36	Thermal Discharging
SLP084	344	'7786409_/7786407'	3.4	10	10	1.36	4	10	4.59 No	1.36	Thermal Discharging
SLP084	345	'7056842_/8418156_2'	1.23	3.33	3.33	0.456	0.5	3.33	1.53 No	0.456	Thermal Discharging
SLP084	346	'7786390_/9052451'	3.4	10	10	1.36	4	10	4.59 No	1.36	Thermal Discharging
SLP084	347	'8376353_/9318708'	3	10	10	1.36	4.8	10	4.59 No	1.36	Thermal Discharging
SLP084	348	'7056620_/7056618'	1.1	3.33	3.33	0.456	0.5	3.33	1.53 No	0.456	Thermal Discharging
SLP084	349	'44050142_/7056514'	1.5	3.33	3.33	0.456	0.3	3.33	1.53 No	0.3	Element Fault
SLP084	350	'9052434_/9365632'	3.4	10	10	1.36	4	10	4.59 No	1.36	Thermal Discharging
SLP084	351	'7786389_/7786387'	3.4	10	10	1.36	4	10	4.59 No	1.36	Thermal Discharging
SLP084	352	'9052414_/9052431'	3.4	10	10	1.36	4	10	4.59 No	1.36	Thermal Discharging
SLP084	353	'8376333_/8376350'	2.9	10	10	1.36	4.8	10	4.59 No	1.36	Thermal Discharging
SLP084	354	'9052413_/9052411'	3.4	10	10	1.36	4	10	4.59 No	1.36	Thermal Discharging
SLP084	355	'7056517_/7056527_1'	1.5	3.33	3.33	0.456	0.3	3.33	1.53 No	0.3	Element Fault
SLP084	356	'7426619_/8376330'	2.9	10	10	1.36	4.8	10	4.59 No	1.36	Thermal Discharging
SLP084	357	'7469504_/9365612'	3.3	10	10	1.36	4	10	4.59 No	1.36	Thermal Discharging
SLP084	358	'44050108_/7056403'	1.5	3.33	3.33	0.456	0.3	3.33	1.53 No	0.3	Element Fault
SLP084	359	'43825098_/5973037'	2.9	10	10	1.36	1.5	10	4.59 No	1.36	Thermal Discharging
SLP084	360	'5973736_/5973733_2'	0.97	3.33	3.33	0.456	0.5	3.33	1.53 No	0.456	Thermal Discharging
SLP084	361	'5973589_/5974762'	1.03	3.33	3.33	0.456	0.5	3.33	1.53 No	0.456	Thermal Discharging
SLP084	362	'7056829_/7056839'	1.17	3.33	3.33	0.456	0.5	3.33	1.53 No	0.456	Thermal Discharging
SLP084	363	'5973073_/5973083_1'	0.97	3.33	3.33	0.456	0.5	3.33	1.53 No	0.456	Thermal Discharging
SLP084	364	'7469503_/7469501'	3.2	10	10	1.36	4	10	4.59 No	1.36	Thermal Discharging
SLP084	365	'37943874_/7426616'	2.9	10	10	1.36	4.8	10	4.59 No	1.36	Thermal Discharging
SLP084	366	'641476908_/630890530'	2.9	10	10	1.36	4.8	10	4.59 No	1.36	Thermal Discharging
SLP084	367	'611127360_/611127383'	2.9	10	10	1.36	4.8	10	4.59 No	1.36	Thermal Discharging
SLP084	368	'37943860_/611127373'	2.9	10	10	1.36	4.8	10	4.59 No	1.36	Thermal Discharging
SLP084	369	'37943846_/611127365'	2.9	10	10	1.36	4.8	10	4.59 No	1.36	Thermal Discharging
SLP084	370	'9680593_/9680610'	3.2	10	10	1.36	4	10	4.59 No	1.36	Thermal Discharging
SLP084	371	'611126611_/75292876'	2.8	10	10	1.36	4.8	10	4.59 No	1.36	Thermal Discharging
SLP084	372	'7426582_/7426580_2'	2.8	10	10	1.36	4.8	10	4.59 No	1.36	Thermal Discharging
SLP084	373	'69384314_/8107998_1'	1.67	3.33	3.33	0.456	1.33	3.33	1.53 No	0.456	Thermal Discharging
SLP084	374	'7058884_/7059423'	1.13	3.33	3.33	0.456	0.5	3.33	1.53 No	0.456	Thermal Discharging
SLP084	375	'5972915_/7426580_1'	2.8	10	10	1.36	1.6	10	4.59 No	1.36	Thermal Discharging
SLP084	376	'69384260_/8107998_2'	1.67	3.33	3.33	0.456	1.33	3.33	1.53 No	0.456	Thermal Discharging
SLP084	377	'5992368_/5992365'	0.93	3.33	3.33	0.456	0.5	3.33	1.53 No	0.456	Thermal Discharging
SLP084	378	'7056530_/7056527_2'	1.4	3.33	3.33	0.456	0.3	3.33	1.53 No	0.3	Element Fault
SLP084	379	'7056419_/44050110'	1.4	3.33	3.33	0.456	0.3	3.33	1.53 No	0.3	Element Fault

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SLP084	380	'7475165_/9680590'		3.1	10	10	1.36	4	10	4.59 No	1.36 Thermal Discharging
SLP084	381	'69384325_/69384257_1'		1.67	3.33	3.33	0.456	1.33	3.33	1.53 No	0.456 Thermal Discharging
SLP084	382	'69384308_/69384288_1'		1.67	3.33	3.33	0.456	0.5	3.33	1.53 No	0.456 Thermal Discharging
SLP084	383	'7475164_/7475162'		3.1	10	10	1.36	4	10	4.59 No	1.36 Thermal Discharging
SLP084	384	'69384228_/69384257_2'		1.1	3.33	3.33	0.456	1.33	3.33	1.53 No	0.456 Thermal Discharging
SLP084	385	'7058228_/69384288_2'		1.63	3.33	3.33	0.456	0.5	3.33	1.53 No	0.456 Thermal Discharging
SLP084	386	'5973003_/5973017'		2.7	9.7	10	1.36	1.5	10	4.59 No	1.36 Thermal Discharging
SLP084	387	'646212283_/7786597'		3.1	10	10	1.36	4	10	4.59 No	1.36 Thermal Discharging
SLP084	388	'44050721_/7058882'		1.1	3.33	3.33	0.456	0.5	3.33	1.53 No	0.456 Thermal Discharging
SLP084	389	'69384462_/8734924_1'		1.27	3.33	3.33	0.456	1.33	3.33	1.53 No	0.456 Thermal Discharging
SLP084	390	'44050230_/7056826'		1.1	3.33	3.33	0.456	0.5	3.33	1.53 No	0.456 Thermal Discharging
SLP084	391	'641476806_/641476872'		2.7	9.6	10	1.36	4.8	10	4.59 No	1.36 Thermal Discharging
SLP084	392	'7056432_/7056429_1'		1.37	3.33	3.33	0.456	0.3	3.33	1.53 No	0.3 Element Fault
SLP084	393	'69384415_/8734924_2'		1.27	3.33	3.33	0.456	1.33	3.33	1.53 No	0.456 Thermal Discharging
SLP084	394	'44050119_/7056429_2'		1.37	3.33	3.33	0.456	0.3	3.33	1.53 No	0.3 Element Fault
SLP084	395	'5973060_/5973070'		0.9	3.23	3.33	0.456	0.5	3.33	1.53 No	0.456 Thermal Discharging
SLP084	396	'69384472_/69384412_1'		1.27	3.33	3.33	0.456	1.33	3.33	1.53 No	0.456 Thermal Discharging
SLP084	397	'8418432_/646212304'		2.1	7.2	10	1.36	4	10	4.59 No	1.36 Thermal Discharging
SLP084	398	'43825085_/5972912'		2.6	9.4	10	1.36	1.6	10	4.59 No	1.36 Thermal Discharging
SLP084	399	'154177419_/5992378'		0.9	3.23	3.33	0.456	0.5	3.33	1.53 No	0.456 Thermal Discharging
SLP084	400	'69384456_/9052299_1'		1.27	3.33	3.33	0.456	0.5	3.33	1.53 No	0.456 Thermal Discharging
SLP084	401	'8418413_/9052685'		2.1	7.2	10	1.36	4	10	4.59 No	1.36 Thermal Discharging
SLP084	402	'69384386_/69384412_2'		1.07	3.33	3.33	0.456	1.33	3.33	1.53 No	0.456 Thermal Discharging
SLP084	403	'8418393_/8418410'		2.1	7.2	10	1.36	4	10	4.59 No	1.36 Thermal Discharging
SLP084	404	'43825204_/5973587'		1	3.17	3.33	0.456	0.5	3.33	1.53 No	0.456 Thermal Discharging
SLP084	405	'7058910_/7059073'		1.57	3.33	3.33	0.456	0.5	3.33	1.53 No	0.456 Thermal Discharging
SLP084	406	'7058332_/9052299_2'		1.23	3.33	3.33	0.456	0.5	3.33	1.53 No	0.456 Thermal Discharging
SLP084	407	'8418392_/8418390'		2.1	7.2	10	1.36	4	10	4.59 No	1.36 Thermal Discharging
SLP084	408	'5972986_/5973000'		2.6	9.2	10	1.36	1.5	10	4.59 No	1.36 Thermal Discharging
SLP084	409	'44050153_/7056540'		1.3	3.33	3.33	0.456	0.3	3.33	1.53 No	0.3 Element Fault
SLP084	410	'5973427_/5974749'		0.93	3.1	3.33	0.456	0.53	3.33	1.53 No	0.456 Thermal Discharging
SLP084	411	'5973059_/5973057'		0.87	3.13	3.33	0.456	0.5	3.33	1.53 No	0.456 Thermal Discharging
SLP084	412	'439386205_/439386319'		2.9	10	10	1.36	4	10	4.59 No	1.36 Thermal Discharging
SLP084	413	'7058212_/7058225'		1.5	3.33	3.33	0.456	0.5	3.33	1.53 No	0.456 Thermal Discharging
SLP084	414	'7058898_/7058895'		1.03	3.33	3.33	0.456	0.5	3.33	1.53 No	0.456 Thermal Discharging
SLP084	415	'7056445_/44050121'		1.3	3.33	3.33	0.456	0.3	3.33	1.53 No	0.3 Element Fault
SLP084	416	'8418373_/9052665'		2.1	7.3	10	1.36	4	10	4.59 No	1.36 Thermal Discharging
SLP084	417	'8418372_/8418370'		2.1	7.3	10	1.36	4	10	4.59 No	1.36 Thermal Discharging
SLP084	418	'7056556_/44050155'		1.27	3.33	3.33	0.456	0.3	3.33	1.53 No	0.3 Element Fault
SLP084	419	'44050754_/7058908'		1.5	3.33	3.33	0.456	0.5	3.33	1.53 No	0.456 Thermal Discharging
SLP084	420	'8735182_/8735180'		2.1	7.3	10	1.36	4	10	4.59 No	1.36 Thermal Discharging
SLP084	421	'7056803_/7056813'		1	3.33	3.33	0.456	0.5	3.33	1.53 No	0.456 Thermal Discharging
SLP084	422	'8108471_/9365966'		2.1	7.3	10	1.36	4	10	4.59 No	1.36 Thermal Discharging
SLP084	423	'43827046_/5992391'		0.87	3.03	3.33	0.456	0.5	3.33	1.53 No	0.456 Thermal Discharging
SLP084	424	'8108451_/8108468'		2.1	7.3	10	1.36	4	10	4.59 No	1.36 Thermal Discharging
SLP084	425	'7056458_/7056455'		1.27	3.33	3.33	0.456	0.3	3.33	1.53 No	0.3 Element Fault
SLP084	426	'8108450_/8108448'		2.1	7.3	10	1.36	4	10	4.59 No	1.36 Thermal Discharging
SLP084	427	'5972881_/5972895'		2.5	8.8	10	1.36	1.6	10	4.59 No	1.36 Thermal Discharging
SLP084	428	'443646371_/443646312_1'		2.5	8.8	10	1.36	0.9	10	4.59 No	0.9 Element Fault
SLP084	429	'43825111_/5972983'		2.5	8.7	10	1.36	1.5	10	4.59 No	1.36 Thermal Discharging
SLP084	430	'7058319_/7058329'		1.17	3.33	3.33	0.456	0.5	3.33	1.53 No	0.456 Thermal Discharging
SLP084	431	'443646293_/443646312_2'		2.4	8.6	10	1.36	0.9	10	4.59 No	0.9 Element Fault
SLP084	432	'38010135_/439386383'		2.8	10	10	1.36	4	10	4.59 No	1.36 Thermal Discharging
SLP084	433	'38010142_/38010139'		2.8	10	10	1.36	4	10	4.59 No	1.36 Thermal Discharging
SLP084	434	'38010163_/38010167'		2.8	10	10	1.36	4	10	4.59 No	1.36 Thermal Discharging
SLP084	435	'404794037_/404794034'		2.8	10	10	1.36	4	10	4.59 No	1.36 Thermal Discharging
SLP084	436	'38010149_/38010146'		2.8	10	10	1.36	4	10	4.59 No	1.36 Thermal Discharging
SLP084	437	'7058949_/7059086'		1.13	3.33	3.33	0.456	0.5	3.33	1.53 No	0.456 Thermal Discharging
SLP084	438	'43825209_/43825206'		0.9	2.93	3.33	0.456	0.5	3.33	1.53 No	0.456 Thermal Discharging
SLP084	439	'69384618_/9052207_1'		1.2	3.33	3.33	0.456	1.33	3.33	1.53 No	0.456 Thermal Discharging
SLP084	440	'5973428_/5973425'		0.93	2.9	3.33	0.456	0.53	3.33	1.53 No	0.456 Thermal Discharging
SLP084	441	'7058924_/7058921'		1.43	3.33	3.33	0.456	0.5	3.33	1.53 No	0.456 Thermal Discharging
SLP084	442	'69384537_/9052207_2'		1.2	3.33	3.33	0.456	1.33	3.33	1.53 No	0.456 Thermal Discharging
SLP084	443	'44050478_/7058209'		1.4	3.33	3.33	0.456	0.5	3.33	1.53 No	0.456 Thermal Discharging
SLP084	444	'69384629_/69384534_1'		1.2	3.33	3.33	0.456	1.33	3.33	1.53 No	0.456 Thermal Discharging
SLP084	445	'8735148_/8735146_2'		2.8	10	10	1.36	4	10	4.59 No	1.36 Thermal Discharging
SLP084	446	'7059207_/7059204'		0.97	3.33	3.33	0.456	0.5	3.33	1.53 No	0.456 Thermal Discharging
SLP084	447	'5992407_/43827048'		0.83	2.93	3.33	0.456	0.5	3.33	1.53 No	0.456 Thermal Discharging
SLP084	448	'7475070_/9680424'		2.8	10	10	1.36	4	10	4.59 No	1.36 Thermal Discharging
SLP084	449	'7045918_/8735146_1'		2.7	10	10	1.36	1.6	10	4.59 No	1.36 Thermal Discharging
SLP084	450	'69384606_/69384565_1'		1.17	3.33	3.33	0.456	0.5	3.33	1.53 No	0.456 Thermal Discharging
SLP084	451	'69384530_/69384534_2'		0.97	3.33	3.33	0.456	1.33	3.33	1.53 No	0.456 Thermal Discharging
SLP084	452	'7046038_/69384565_2'		1.17	3.33	3.33	0.456	0.5	3.33	1.53 No	0.456 Thermal Discharging
SLP084	453	'5972952_/5972966'		2.4	8.3	10	1.36	1.5	10	4.59 No	1.36 Thermal Discharging
SLP084	454	'44050219_/44050221'		0.93	3.33	3.33	0.456	0.5	3.33	1.53 No	0.456 Thermal Discharging
SLP084	455	'44050732_/7058947'		1.1	3.33	3.33	0.456	0.5	3.33	1.53 No	0.456 Thermal Discharging
SLP084	456	'7058855_/7059044'		1.2	3.23	3.33	0.456	0.3	3.33	1.53 No	0.3 Element Fault
SLP084	457	'7059060_/7059057'		1.17	3.1	3.33	0.456	0.3	3.33	1.53 No	0.3 Element Fault
SLP084	458	'43825226_/5973441'		0.9	2.8	3.33	0.456	0.53	3.33	1.53 No	0.456 Thermal Discharging
SLP084	459	'7058950_/7058960_1'		1.1	3.33	3.33	0.456	0.5	3.33	1.53 No	0.456 Thermal Discharging
SLP084	460	'44050511_/7058316'		1.1	3.33	3.33	0.456	0.5	3.33	1.53 No	0.456 Thermal Discharging
SLP084	461	'5972864_/5972878'		2.3	8.2	10	1.36	1.6	10	4.59 No	1.36 Thermal Discharging
SLP084	462	'44050778_/7058934'		1.37	3.33	3.33	0.456	0.5	3.33	1.53 No	0.456 Thermal Discharging
SLP084	463	'352225498_/352225500'		0.8	2.83	3.33	0.456	0.5	3.33	1.53 No	0.456 Thermal Discharging
SLP084	464	'7045903_/7045915'		2.6	9.6	10	1.36	1.6	10	4.59 No	1.36 Thermal Discharging
SLP084	465	'449955920_/638441363_2'		2.6	9.5	10	1.36	1.6	10	4.59 No	1.36 Thermal Discharging
SLP084	466	'38010086_/7475068'		2.6	9.5	10	1.36	4	10	4.59 No	1.36 Thermal Discharging
SLP084	467	'38010065_/38010083'		2.6	9.5	10	1.36	4	10	4.59 No	1.36 Thermal Discharging
SLP084	468	'404794167_/404794164'		2.6	9.5	10	1.36	4	10	4.59 No	1.36 Thermal Discharging
SLP084	469	'38010072_/38010076'		2.6	9.5	10	1.36	4	10	4.59 No	1.36 Thermal Discharging
SLP084	470	'38010058_/38010062'		2.6	9.5	10	1.36	4	10	4.59 No	1.36 Thermal Discharging
SLP084	471	'7045936_/638441363_1'		2.6	9.5	10	1.36	1.6	10	4.59 No	1.36 Thermal Discharging
SLP084	472	'5972935_/5972949'		2.3	8	10	1.36	1.5	10	4.59 No	1.36 Thermal Discharging
SLP084	473	'44050822_/7059217'		0.9	3.33	3.33	0.456	0.5	3.33	1.53 No	0.456 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over- Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SLP084	474	'471846563_/_8418470'	2.1	7.4	10	1.36	4	10	4.59 No	1.36	Thermal Discharging
SLP084	475	'7058186_/_7058196'	1.3	3.23	3.33	0.456	0.5	3.33	1.53 No	0.456	Thermal Discharging
SLP084	476	'5992420_/_5992417'	0.77	2.77	3.33	0.456	0.5	3.33	1.53 No	0.456	Thermal Discharging
SLP084	477	'7058374_/_7058387'	1.1	3.33	3.33	0.456	0.5	3.33	1.53 No	0.456	Thermal Discharging
SLP084	478	'38010114_/_9365784'	2.6	9.5	10	1.36	4	10	4.59 No	1.36	Thermal Discharging
SLP084	479	'38010100_/_38010111'	2.6	9.5	10	1.36	4	10	4.59 No	1.36	Thermal Discharging
SLP084	480	'404794103_/_404794100'	2.6	9.3	10	1.36	4	10	4.59 No	1.36	Thermal Discharging
SLP084	481	'38010106_/_38010104'	2.6	9.3	10	1.36	4	10	4.59 No	1.36	Thermal Discharging
SLP084	482	'38010093_/_38010097'	2.6	9.3	10	1.36	4	10	4.59 No	1.36	Thermal Discharging
SLP084	483	'8108320_/_8108318_2'	2.6	9.3	10	1.36	4	10	4.59 No	1.36	Thermal Discharging
SLP084	484	'7045971_/_8108318_1'	2.6	9.3	10	1.36	1.8	10	4.59 No	1.36	Thermal Discharging
SLP084	485	'7058856_/_7058853'	1.17	3.1	3.33	0.456	0.3	3.33	1.53 No	0.3	Element Fault
SLP084	486	'7058963_/_7058960_2'	1.07	3.33	3.33	0.456	0.5	3.33	1.53 No	0.456	Thermal Discharging
SLP084	487	'449955664_/_7057919'	1.73	6.13	6.67	0.904	1.07	6.67	3.06 No	0.904	Thermal Discharging
SLP084	488	'638441398_/_638441395'	2.6	9.3	10	1.36	1.6	10	4.59 No	1.36	Thermal Discharging
SLP084	489	'7057907_/_7057904'	1.73	6.13	6.67	0.904	1.07	6.67	3.06 No	0.904	Thermal Discharging
SLP084	490	'7057922_/_449955672'	1.73	6.07	6.67	0.904	1.07	6.67	3.06 No	0.904	Thermal Discharging
SLP084	491	'7062916_/_7119039'	1.33	3.27	3.33	0.456	0.5	3.33	1.53 No	0.456	Thermal Discharging
SLP084	492	'5973444_/_43825228'	0.87	2.7	3.33	0.456	0.53	3.33	1.53 No	0.456	Thermal Discharging
SLP084	493	'8418234_/_8418232_2'	2.6	9.2	10	1.36	4	10	4.59 No	1.36	Thermal Discharging
SLP084	494	'7045802_/_8418232_1'	2.6	9.1	10	1.36	1.6	10	4.59 No	1.36	Thermal Discharging
SLP084	495	'7056777_/_7056787'	0.9	3.27	3.33	0.456	0.5	3.33	1.53 No	0.456	Thermal Discharging
SLP084	496	'5972934_/_5972932'	2.2	7.8	10	1.36	1.5	10	4.59 No	1.36	Thermal Discharging
SLP084	497	'44050934_/_7046036'	1.07	3.33	3.33	0.456	0.5	3.33	1.53 No	0.456	Thermal Discharging
SLP084	498	'7057937_/_7057934'	1.73	5.93	6.67	0.904	1.07	6.67	3.06 No	0.904	Thermal Discharging
SLP084	499	'43825072_/_5972861'	2.2	7.7	10	1.36	1.6	10	4.59 No	1.36	Thermal Discharging
SLP084	500	'7062917_/_7062914'	1.3	3.17	3.33	0.456	0.5	3.33	1.53 No	0.456	Thermal Discharging
SLP084	501	'44050522_/_7045951'	2.5	8.8	10	1.36	1.6	10	4.59 No	1.36	Thermal Discharging
SLP084	502	'7058173_/_7058183'	1.23	3	3.33	0.456	0.5	3.33	1.53 No	0.456	Thermal Discharging
SLP084	503	'479396123_/_479396127'	2.5	8.8	10	1.36	4	10	4.59 No	1.36	Thermal Discharging
SLP084	504	'7058293_/_7058303'	1	3.23	3.33	0.456	0.5	3.33	1.53 No	0.456	Thermal Discharging
SLP084	505	'7045801_/_7045799'	2.5	8.8	10	1.36	1.6	10	4.59 No	1.36	Thermal Discharging
SLP084	506	'44050910_/_7045847'	2.5	8.7	10	1.36	1.6	10	4.59 No	1.36	Thermal Discharging
SLP084	507	'479396156_/_479396188'	2.5	8.7	10	1.36	4	10	4.59 No	1.36	Thermal Discharging
SLP084	508	'7045972_/_7045969'	2.5	8.7	10	1.36	1.8	10	4.59 No	1.36	Thermal Discharging
SLP084	509	'44050556_/_7046006'	2.5	8.6	10	1.36	1.8	10	4.59 No	1.36	Thermal Discharging
SLP084	510	'7057952_/_7057949'	1.73	5.73	6.67	0.904	1.07	6.67	3.06 No	0.904	Thermal Discharging
SLP084	511	'7058976_/_7058973'	1	3.17	3.33	0.456	0.5	3.33	1.53 No	0.456	Thermal Discharging
SLP084	512	'44050545_/_44050547'	1.03	3.33	3.33	0.456	0.5	3.33	1.53 No	0.456	Thermal Discharging
SLP084	513	'479396090_/_479396172'	2.5	8.6	10	1.36	4	10	4.59 No	1.36	Thermal Discharging
SLP084	514	'7058361_/_7058358_2'	1.03	3.33	3.33	0.456	0.5	3.33	1.53 No	0.456	Thermal Discharging
SLP084	515	'7056764_/_7056774'	0.83	3.07	3.33	0.456	0.5	3.33	1.53 No	0.456	Thermal Discharging
SLP084	516	'7045902_/_7045900'	1.6	5.8	6.67	0.904	1.07	6.67	3.06 No	0.904	Thermal Discharging
SLP084	517	'154177420_/_154177358'	0.73	2.6	3.33	0.456	0.5	3.33	1.53 No	0.456	Thermal Discharging
SLP084	518	'44051917_/_7062927'	1.27	3.07	3.33	0.456	0.5	3.33	1.53 No	0.456	Thermal Discharging
SLP084	519	'5993043_/_5993041'	2.1	7.4	10	1.36	1.6	10	4.59 No	1.36	Thermal Discharging
SLP084	520	'447313269_/_154177369'	0.73	2.6	3.33	0.456	0.5	3.33	1.53 No	0.456	Thermal Discharging
SLP084	521	'7062779_/_44050824'	0.83	3	3.33	0.456	0.5	3.33	1.53 No	0.456	Thermal Discharging
SLP084	522	'44050500_/_7058290'	0.97	3.07	3.33	0.456	0.5	3.33	1.53 No	0.456	Thermal Discharging
SLP084	523	'7046025_/_7046049'	1	3.33	3.33	0.456	0.5	3.33	1.53 No	0.456	Thermal Discharging
SLP084	524	'7058160_/_7058170'	1.2	2.87	3.33	0.456	0.5	3.33	1.53 No	0.456	Thermal Discharging
SLP084	525	'7057967_/_7057964'	1.73	5.53	6.67	0.904	1.07	6.67	3.06 No	0.904	Thermal Discharging
SLP084	526	'7057877_/_7057889'	1.6	5.6	6.67	0.904	1.07	6.67	3.06 No	0.904	Thermal Discharging
SLP084	527	'7062943_/_44051919'	1.23	2.97	3.33	0.456	0.5	3.33	1.53 No	0.456	Thermal Discharging
SLP084	528	'7045988_/_7045986'	2.4	8.1	10	1.36	1.8	10	4.59 No	1.36	Thermal Discharging
SLP084	529	'44050921_/_7059633'	2.3	8.1	10	1.36	1.8	10	4.59 No	1.36	Thermal Discharging
SLP084	530	'7056751_/_7056761'	0.8	2.9	3.33	0.456	0.5	3.33	1.53 No	0.456	Thermal Discharging
SLP084	531	'7058348_/_7058358_1'	0.97	3.2	3.33	0.456	0.5	3.33	1.53 No	0.456	Thermal Discharging
SLP084	532	'44050354_/_44050356'	2.3	8.2	10	1.36	1.6	10	4.59 No	1.36	Thermal Discharging
SLP084	533	'441404906_/_7059028_3'	1.2	3.33	3.33	0.456	1.33	3.33	1.53 No	0.456	Thermal Discharging
SLP084	534	'7045817_/_7045832_1'	1.6	5.47	6.67	0.904	0.6	6.67	3.06 No	0.6	Element Fault
SLP084	535	'44050789_/_7058986'	0.93	2.93	3.33	0.456	0.5	3.33	1.53 No	0.456	Thermal Discharging
SLP084	536	'7059687_/_44050584'	1.47	5.13	6.67	0.904	1.2	6.67	3.06 No	0.904	Thermal Discharging
SLP084	537	'7059030_/_7059028_2'	1.23	3.33	3.33	0.456	0.5	3.33	1.53 No	0.456	Thermal Discharging
SLP084	538	'7057862_/_7057874'	1.53	5.47	6.67	0.904	1.07	6.67	3.06 No	0.904	Thermal Discharging
SLP084	539	'49456129_/_7059028_1'	1.23	3.33	3.33	0.456	0.5	3.33	1.53 No	0.456	Thermal Discharging
SLP084	540	'7057994_/_7057992'	1.73	5.33	6.67	0.904	1.07	6.67	3.06 No	0.904	Thermal Discharging
SLP084	541	'7058267_/_7058277'	0.93	2.93	3.33	0.456	0.5	3.33	1.53 No	0.456	Thermal Discharging
SLP084	542	'7057981_/_7058492'	1.73	5.27	6.67	0.904	1.07	6.67	3.06 No	0.904	Thermal Discharging
SLP084	543	'7062956_/_7062953'	1.2	2.9	3.33	0.456	0.5	3.33	1.53 No	0.456	Thermal Discharging
SLP084	544	'44050800_/_7046023'	0.97	3.1	3.33	0.456	0.5	3.33	1.53 No	0.456	Thermal Discharging
SLP084	545	'7045784_/_7045832_2'	1.53	5.4	6.67	0.904	0.6	6.67	3.06 No	0.6	Element Fault
SLP084	546	'44050569_/_7058085'	2.3	7.9	10	1.36	1.8	10	4.59 No	1.36	Thermal Discharging
SLP084	547	'7062780_/_7062777'	0.8	2.83	3.33	0.456	0.5	3.33	1.53 No	0.456	Thermal Discharging
SLP084	548	'75628707_/_44050571_1'	2.3	7.8	10	1.36	1.8	10	4.59 No	1.36	Thermal Discharging
SLP084	549	'7063036_/_44050791'	0.93	2.83	3.33	0.456	0.5	3.33	1.53 No	0.456	Thermal Discharging
SLP084	550	'44050467_/_7058157'	1.13	2.7	3.33	0.456	0.5	3.33	1.53 No	0.456	Thermal Discharging
SLP084	551	'74082887_/_9680300'	0.8	3.33	3.33	0.456	1.33	3.33	1.53 No	0.456	Thermal Discharging
SLP084	552	'7058529_/_7059667'	2.2	7.7	10	1.36	1.8	10	4.59 No	1.36	Thermal Discharging
SLP084	553	'470179347_/_44050344'	1.53	5.27	6.67	0.904	0.6	6.67	3.06 No	0.6	Element Fault
SLP084	554	'7058347_/_44050536'	0.93	3	3.33	0.456	0.5	3.33	1.53 No	0.456	Thermal Discharging
SLP084	555	'9070199_/_7142704_1'	2.2	7.7	10	1.36	1.8	10	4.59 No	1.36	Thermal Discharging
SLP084	556	'7046280_/_7046294'	2.2	7.7	10	1.36	1.8	10	4.59 No	1.36	Thermal Discharging
SLP084	557	'9070200_/_9070221_1'	2.2	7.7	10	1.36	0.9	10	4.59 No	0.9	Element Fault
SLP084	558	'7046279_/_9052625_1'	2.2	7.7	10	1.36	0.9	10	4.59 No	0.9	Element Fault
SLP084	559	'44051928_/_7062966'	1.17	2.8	3.33	0.456	0.5	3.33	1.53 No	0.456	Thermal Discharging
SLP084	560	'44050620_/_7058010'	1.73	5.07	6.67	0.904	1.07	6.67	3.06 No	0.904	Thermal Discharging
SLP084	561	'7059002_/_7058999'	0.93	2.97	3.33	0.456	0.5	3.33	1.53 No	0.456	Thermal Discharging
SLP084	562	'44051873_/_7062790'	0.77	2.73	3.33	0.456	0.5	3.33	1.53 No	0.456	Thermal Discharging
SLP084	563	'7057844_/_7057859'	1.47	5.2	6.67	0.904	1.07	6.67	3.06 No	0.904	Thermal Discharging
SLP084	564	'9070224_/_9070221_2'	2.2	7.6	10	1.36	0.9	10	4.59 No	0.9	Element Fault
SLP084	565	'44050208_/_44050210'	0.77	2.73	3.33	0.456	0.5	3.33	1.53 No	0.456	Thermal Discharging
SLP084	566	'8428036_/_7059584'	2.2	7.6	10	1.36	1.6	10	4.59 No	1.36	Thermal Discharging
SLP084	567	'44050594_/_7142704_2'	2.2	7.5	10	1.36	1.8	10	4.59 No	1.36	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
											VSR (MW)	Limiting Threshold
SLP084	568	'8116806_/_8116804_1'		2.2	7.6	10	1.36	0.9	10	4.59 No	0.9 Element Fault	
SLP084	569	'74082307_/_44050571_2'		2.2	7.5	10	1.36	0.9	10	4.59 No	0.9 Element Fault	
SLP084	570	'7058266_/_7058264'		0.87	2.73	3.33	0.456	0.5	3.33	1.53 No	0.456 Thermal Discharging	
SLP084	571	'9052628_/_9052625_2'		2.2	7.4	10	1.36	0.9	10	4.59 No	0.9 Element Fault	
SLP084	572	'401128970_/_401128972'		0.77	2.67	3.33	0.456	0.5	3.33	1.53 No	0.456 Thermal Discharging	
SLP084	573	'7062982_/_7062979'		1.13	2.73	3.33	0.456	0.5	3.33	1.53 No	0.456 Thermal Discharging	
SLP084	574	'7059018_/_7059015'		0.9	2.87	3.33	0.456	0.5	3.33	1.53 No	0.456 Thermal Discharging	
SLP084	575	'9680286_/_74082884'		0.77	3.23	3.33	0.456	1.33	3.33	1.53 No	0.456 Thermal Discharging	
SLP084	576	'7057831_/_44050457'		1.47	5.07	6.67	0.904	1.07	6.67	3.06 No	0.904 Thermal Discharging	
SLP084	577	'7062806_/_44051875'		0.73	2.63	3.33	0.456	0.5	3.33	1.53 No	0.456 Thermal Discharging	
SLP084	578	'7063037_/_7063034'		0.87	2.67	3.33	0.456	0.5	3.33	1.53 No	0.456 Thermal Discharging	
SLP084	579	'7062995_/_7062992'		1.1	2.7	3.33	0.456	0.5	3.33	1.53 No	0.456 Thermal Discharging	
SLP084	580	'7142707_/_44050598'		2.1	7.2	10	1.36	0.9	10	4.59 No	0.9 Element Fault	
SLP084	581	'7058134_/_7058144'		1.07	2.53	3.33	0.456	0.5	3.33	1.53 No	0.456 Thermal Discharging	
SLP084	582	'7058028_/_7058025'		1.73	4.8	6.67	0.904	1.07	6.67	3.06 No	0.904 Thermal Discharging	
SLP084	583	'44050989_/_44050991'		0.87	2.63	3.33	0.456	0.5	3.33	1.53 No	0.456 Thermal Discharging	
SLP084	584	'7056568_/_7057828'		1.4	4.93	6.67	0.904	1.07	6.67	3.06 No	0.904 Thermal Discharging	
SLP084	585	'9680287_/_9680284'		0.73	3.03	3.33	0.456	1.33	3.33	1.53 No	0.456 Thermal Discharging	
SLP084	586	'8116807_/_8116804_2'		2.1	7.1	10	1.36	0.9	10	4.59 No	0.9 Element Fault	
SLP084	587	'7068111_/_7068108'		1.07	2.63	3.33	0.456	0.5	3.33	1.53 No	0.456 Thermal Discharging	
SLP084	588	'44708981_/_7056735'		0.73	2.53	3.33	0.456	0.5	3.33	1.53 No	0.456 Thermal Discharging	
SLP084	589	'44051961_/_7063047'		0.83	2.57	3.33	0.456	0.5	3.33	1.53 No	0.456 Thermal Discharging	
SLP084	590	'7062819_/_7062816'		0.73	2.53	3.33	0.456	0.5	3.33	1.53 No	0.456 Thermal Discharging	
SLP084	591	'7046313_/_7046311'		0.83	2.57	3.33	0.456	0.5	3.33	1.53 No	0.456 Thermal Discharging	
SLP084	592	'7056569_/_7056566'		1.4	4.8	6.67	0.904	1.07	6.67	3.06 No	0.904 Thermal Discharging	
SLP084	593	'55113721_/_7058131'		1	2.43	3.33	0.456	0.5	3.33	1.53 No	0.456 Thermal Discharging	
SLP084	594	'646212317_/_646212361'		0.73	2.87	3.33	0.456	1.33	3.33	1.53 No	0.456 Thermal Discharging	
SLP084	595	'44051939_/_7068121'		1.07	2.57	3.33	0.456	0.5	3.33	1.53 No	0.456 Thermal Discharging	
SLP084	596	'646212300_/_646212375'		0.7	2.8	3.33	0.456	1.33	3.33	1.53 No	0.456 Thermal Discharging	
SLP084	597	'7058241_/_7058251'		0.8	2.47	3.33	0.456	0.5	3.33	1.53 No	0.456 Thermal Discharging	
SLP084	598	'7056595_/_7056605'		1.33	4.67	6.67	0.904	1.07	6.67	3.06 No	0.904 Thermal Discharging	
SLP084	599	'7063063_/_44051963'		0.8	2.43	3.33	0.456	0.5	3.33	1.53 No	0.456 Thermal Discharging	
SLP084	600	'7063007_/_7067722'		1.03	2.5	3.33	0.456	0.5	3.33	1.53 No	0.456 Thermal Discharging	
SLP084	601	'44051884_/_7062829'		0.7	2.4	3.33	0.456	0.5	3.33	1.53 No	0.456 Thermal Discharging	
SLP084	602	'44051950_/_7063005'		1	2.43	3.33	0.456	0.5	3.33	1.53 No	0.456 Thermal Discharging	
SLP084	603	'7062845_/_44051886'		0.67	2.33	3.33	0.456	0.5	3.33	1.53 No	0.456 Thermal Discharging	
SLP084	604	'7058240_/_44050491'		0.77	2.37	3.33	0.456	0.5	3.33	1.53 No	0.456 Thermal Discharging	
SLP084	605	'7063076_/_7063073'		0.77	2.33	3.33	0.456	0.5	3.33	1.53 No	0.456 Thermal Discharging	
SLP084	606	'44051955_/_44051952'		0.97	2.37	3.33	0.456	0.5	3.33	1.53 No	0.456 Thermal Discharging	
SLP084	607	'7475051_/_7475048'		1.9	6.3	10	1.36	0.9	10	4.59 No	0.9 Element Fault	
SLP084	608	'7068085_/_7068082'		0.63	2.23	3.33	0.456	0.5	3.33	1.53 No	0.456 Thermal Discharging	
SLP084	609	'44051895_/_7068095'		0.63	2.2	3.33	0.456	0.5	3.33	1.53 No	0.456 Thermal Discharging	
SLP084	610	'44053493_/_7069046'		0.73	2.2	3.33	0.456	0.5	3.33	1.53 No	0.456 Thermal Discharging	
SLP084	611	'7062857_/_7067709'		0.6	2.13	3.33	0.456	0.5	3.33	1.53 No	0.456 Thermal Discharging	
SLP084	612	'7063088_/_44053495'		0.7	2.13	3.33	0.456	0.5	3.33	1.53 No	0.456 Thermal Discharging	
SLP084	613	'7063089_/_7063086'		0.7	2.1	3.33	0.456	0.5	3.33	1.53 No	0.456 Thermal Discharging	
SLP084	614	'44051906_/_7062855'		0.6	2.07	3.33	0.456	0.5	3.33	1.53 No	0.456 Thermal Discharging	
SLP084	615	'50723254_/_449955650'		0.9	2.2	3.33	0.456	0.53	3.33	1.53 No	0.456 Thermal Discharging	
SLP084	616	'7068137_/_7068134'		0.7	2.03	3.33	0.456	0.5	3.33	1.53 No	0.456 Thermal Discharging	
SLP084	617	'7062871_/_7062868'		0.6	2.03	3.33	0.456	0.5	3.33	1.53 No	0.456 Thermal Discharging	
SLP084	618	'7059607_/_44050912_1'		0.6	2.13	3.33	0.456	0.3	3.33	1.53 No	0.3 Element Fault	
SLP084	619	'7057554_/_44050912_2'		0.6	2.13	3.33	0.456	0.3	3.33	1.53 No	0.3 Element Fault	
SLP084	620	'7058403_/_7058400'		0.6	2.13	3.33	0.456	0.53	3.33	1.53 No	0.456 Thermal Discharging	
SLP084	621	'7057555_/_7057552'		0.6	2.13	3.33	0.456	0.3	3.33	1.53 No	0.3 Element Fault	
SLP084	622	'44050433_/_7057565'		0.6	2.13	3.33	0.456	0.3	3.33	1.53 No	0.3 Element Fault	
SLP084	623	'7058059_/_7058056'		0.93	2.13	3.33	0.456	0.53	3.33	1.53 No	0.456 Thermal Discharging	
SLP084	624	'7057581_/_44050435'		0.6	2.13	3.33	0.456	0.3	3.33	1.53 No	0.3 Element Fault	
SLP084	625	'44050444_/_7057591_2'		0.6	2.13	3.33	0.456	0.3	3.33	1.53 No	0.3 Element Fault	
SLP084	626	'44051972_/_7068147'		0.67	1.97	3.33	0.456	0.5	3.33	1.53 No	0.456 Thermal Discharging	
SLP084	627	'7057594_/_7057591_1'		0.6	2.13	3.33	0.456	0.3	3.33	1.53 No	0.3 Element Fault	
SLP084	628	'7058075_/_7058072'		0.9	2.1	3.33	0.456	0.53	3.33	1.53 No	0.456 Thermal Discharging	
SLP084	629	'7062884_/_7062881'		0.57	1.97	3.33	0.456	0.5	3.33	1.53 No	0.456 Thermal Discharging	
SLP084	630	'7057607_/_44050446'		0.6	2.1	3.33	0.456	0.3	3.33	1.53 No	0.3 Element Fault	
SLP084	631	'7058416_/_7058413'		0.57	2.07	3.33	0.456	0.53	3.33	1.53 No	0.456 Thermal Discharging	
SLP084	632	'44050877_/_7059394'		0.9	2.07	3.33	0.456	0.53	3.33	1.53 No	0.456 Thermal Discharging	
SLP084	633	'547669751_/_547669706_1'		0.77	2	3.33	0.456	0.2	3.33	1.53 No	0.2 Element Fault	
SLP084	634	'547669616_/_547669613'		0.77	2	3.33	0.456	0.3	3.33	1.53 No	0.3 Element Fault	
SLP084	635	'547669790_/_547669706_2'		0.77	2	3.33	0.456	0.1	3.33	1.53 No	0.1 Element Fault	
SLP084	636	'7058104_/_7058102'		0.57	2.07	3.33	0.456	0.3	3.33	1.53 No	0.3 Element Fault	
SLP084	637	'44052316_/_7063712'		0.57	1.9	3.33	0.456	0.5	3.33	1.53 No	0.456 Thermal Discharging	
SLP084	638	'612933793_/_612933790'		0.57	2.03	3.33	0.456	0.53	3.33	1.53 No	0.456 Thermal Discharging	
SLP084	639	'7057805_/_7057815'		0.57	2.03	3.33	0.456	0.3	3.33	1.53 No	0.3 Element Fault	
SLP084	640	'470179409_/_547669706_3'		0.77	1.97	3.33	0.456	0.1	3.33	1.53 No	0.1 Element Fault	
SLP084	641	'585450145_/_585449990_3'		0.87	2.03	3.33	0.456	0.53	3.33	1.53 No	0.456 Thermal Discharging	
SLP084	642	'44050866_/_7059410'		0.87	2.03	3.33	0.456	0.53	3.33	1.53 No	0.456 Thermal Discharging	
SLP084	643	'7045770_/_7045768'		0.8	1.97	3.33	0.456	0.1	3.33	1.53 No	0.1 Element Fault	
SLP084	644	'7063104_/_44051974'		0.63	1.9	3.33	0.456	0.5	3.33	1.53 No	0.456 Thermal Discharging	
SLP084	645	'44050609_/_7058118'		0.57	2	3.33	0.456	0.3	3.33	1.53 No	0.3 Element Fault	
SLP084	646	'7057792_/_7057802'		0.57	2	3.33	0.456	0.3	3.33	1.53 No	0.3 Element Fault	
SLP084	647	'44050875_/_44050868'		0.87	2	3.33	0.456	0.53	3.33	1.53 No	0.456 Thermal Discharging	
SLP084	648	'7058121_/_44050611'		0.57	1.93	3.33	0.456	0.3	3.33	1.53 No	0.3 Element Fault	
SLP084	649	'7063728_/_44052318'		0.53	1.83	3.33	0.456	0.5	3.33	1.53 No	0.456 Thermal Discharging	
SLP084	650	'7063105_/_7063102'		0.63	1.83	3.33	0.456	0.5	3.33	1.53 No	0.456 Thermal Discharging	
SLP084	651	'7057269_/_7057279'		0.8	1.87	3.33	0.456	0.1	3.33	1.53 No	0.1 Element Fault	
SLP084	652	'621928241_/_585449990_2'		0.83	1.93	3.33	0.456	0.3	3.33	1.53 No	0.3 Element Fault	
SLP084	653	'585450094_/_585449990_1'		0.83	1.93	3.33	0.456	0.1	3.33	1.53 No	0.1 Element Fault	
SLP084	654	'7057982_/_585450084'		0.83	1.93	3.33	0.456	0.1	3.33	1.53 No	0.1 Element Fault	
SLP084	655	'7063741_/_7063738'		0.53	1.8	3.33	0.456	0.5	3.33	1.53 No	0.456 Thermal Discharging	
SLP084	656	'7057268_/_7057266'		0.8	1.83	3.33	0.456	0.1	3.33	1.53 No	0.1 Element Fault	
SLP084	657	'7057779_/_7057789'		0.53	1.9	3.33	0.456	0.3	3.33	1.53 No	0.3 Element Fault	
SLP084	658	'7057223_/_44050287'		0.77	1.87	3.33	0.456	0.53	3.33	1.53 No	0.456 Thermal Discharging	
SLP084	659	'7056582_/_7056592'		0.53	1.9	3.33	0.456	0.53	3.33	1.53 No	0.456 Thermal Discharging	
SLP084	660	'44052075_/_7063115'		0.6	1.77	3.33	0.456	0.5	3.33	1.53 No	0.456 Thermal Discharging	

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SLP084	662	'7063754_/_7063751_1'		0.5	1.73	3.33	0.456	0.5	3.33	1.53 No	0.456 Thermal Discharging
SLP084	663	'7056581_/_7056579'		0.53	1.87	3.33	0.456	0.53	3.33	1.53 No	0.456 Thermal Discharging
SLP084	664	'44052327_/_7063751_2'		0.5	1.73	3.33	0.456	0.5	3.33	1.53 No	0.456 Thermal Discharging
SLP084	665	'7057753_/_7057763'		0.53	1.83	3.33	0.456	0.3	3.33	1.53 No	0.3 Element Fault
SLP084	666	'7063118_/_44052073'		0.57	1.7	3.33	0.456	0.5	3.33	1.53 No	0.456 Thermal Discharging
SLP084	667	'7057740_/_7057750_2'		0.5	1.77	3.33	0.456	0.3	3.33	1.53 No	0.3 Element Fault
SLP084	668	'7063767_/_44052329'		0.5	1.67	3.33	0.456	0.5	3.33	1.53 No	0.456 Thermal Discharging
SLP084	669	'44050411_/_7057750_1'		0.5	1.77	3.33	0.456	0.3	3.33	1.53 No	0.3 Element Fault
SLP084	670	'7057727_/_7057737'		0.5	1.7	3.33	0.456	0.3	3.33	1.53 No	0.3 Element Fault
SLP084	671	'510644007_/_624678506'		0.47	1.63	3.33	0.456	0.3	3.33	1.53 No	0.3 Element Fault
SLP084	672	'44050400_/_7057724'		0.47	1.63	3.33	0.456	0.3	3.33	1.53 No	0.3 Element Fault
SLP084	673	'44050399_/_7057711'		0.47	1.57	3.33	0.456	0.3	3.33	1.53 No	0.3 Element Fault
SLP085	0	'SLP085_/_8685858'		10	10	10	1.344	10	10	4.83 No	1.344 Thermal Discharging
SLP085	1	'8685860_/_8685858'		10	10	10	1.344	10	10	4.83 No	1.344 Thermal Discharging
SLP085	2	'8061057_/_9004023'		10	10	10	1.344	10	10	4.83 No	1.344 Thermal Discharging
SLP085	3	'8061058_/_8061055'		10	10	10	1.344	10	10	4.83 No	1.344 Thermal Discharging
SLP085	4	'7802306_/_9068027'		10	10	10	1.344	10	10	4.83 No	1.344 Thermal Discharging
SLP085	5	'8375977_/_447987533'		10	10	10	1.344	10	10	4.83 No	1.344 Thermal Discharging
SLP085	6	'7736779_/_9004083'		10	10	10	1.344	10	10	4.83 No	1.344 Thermal Discharging
SLP085	7	'7736780_/_7736777'		10	10	10	1.344	10	10	4.83 No	1.344 Thermal Discharging
SLP085	8	'8060218_/_8060215'		10	10	10	1.344	10	10	4.83 No	1.344 Thermal Discharging
SLP085	9	'582993520_/_582993517'		10	10	10	1.344	10	10	4.83 No	1.344 Thermal Discharging
SLP085	10	'582993545_/_582993542'		10	10	10	1.344	10	10	4.83 No	1.344 Thermal Discharging
SLP085	11	'7736273_/_582993556'		10	10	10	1.344	10	10	4.83 No	1.344 Thermal Discharging
SLP085	12	'7736274_/_7736271'		10	10	10	1.344	10	10	4.83 No	1.344 Thermal Discharging
SLP085	13	'8375542_/_8375540'		10	10	10	1.344	10	10	4.83 No	1.344 Thermal Discharging
SLP085	14	'7425908_/_8685410'		10	10	10	1.344	10	10	4.83 No	1.344 Thermal Discharging
SLP085	15	'7425909_/_7425906'		10	10	10	1.344	10	10	4.83 No	1.344 Thermal Discharging
SLP085	16	'8060779_/_8375796'		10	10	10	1.344	10	10	4.83 No	1.344 Thermal Discharging
SLP085	17	'8060780_/_8060777'		10	10	10	1.344	10	10	4.83 No	1.344 Thermal Discharging
SLP085	18	'385996717_/_8684952_1'		10	10	10	1.344	10	10	4.83 No	1.344 Thermal Discharging
SLP085	19	'7735845_/_8684952_2'		10	10	10	1.344	10	10	4.83 No	1.344 Thermal Discharging
SLP085	20	'7425218_/_385996715'		10	10	10	1.344	10	10	4.83 No	1.344 Thermal Discharging
SLP085	21	'7425219_/_150227688'		10	10	10	1.344	10	10	4.83 No	1.344 Thermal Discharging
SLP085	22	'8059840_/_8059837'		10	10	10	1.344	10	10	4.83 No	1.344 Thermal Discharging
SLP085	23	'8374961_/_8374958'		10	10	10	1.344	10	10	4.83 No	1.344 Thermal Discharging
SLP085	24	'9316905_/_9316902'		10	10	10	1.344	10	10	4.83 No	1.344 Thermal Discharging
SLP085	25	'9003097_/_9316922'		10	10	10	1.344	10	10	4.83 No	1.344 Thermal Discharging
SLP085	26	'8738634_/_9003095'		10	10	10	1.344	10	10	4.83 No	1.344 Thermal Discharging
SLP085	27	'8376564_/_8738632'		10	10	10	1.344	10	10	4.83 No	1.344 Thermal Discharging
SLP085	28	'8376565_/_8376562'		10	10	10	1.344	10	10	4.83 No	1.344 Thermal Discharging
SLP085	29	'8061704_/_8686278'		10	10	10	1.344	10	10	4.83 No	1.344 Thermal Discharging
SLP085	30	'5977635_/_8061701_1'		10	10	10	1.344	10	10	4.83 No	1.344 Thermal Discharging
SLP085	31	'127820064_/_8061701_2'		10	10	10	1.344	10	10	4.83 No	1.344 Thermal Discharging
SLP085	32	'43825823_/_43823650'		10	10	10	1.344	10	10	4.83 No	1.344 Thermal Discharging
SLP085	33	'5974793_/_43825825'		10	10	10	1.344	10	10	4.83 No	1.344 Thermal Discharging
SLP085	34	'5974794_/_5974791'		10	10	10	1.344	10	10	4.83 No	1.344 Thermal Discharging
SLP085	35	'43823661_/_5974808'		10	10	10	1.344	10	10	4.83 No	1.344 Thermal Discharging
SLP085	36	'5974828_/_5974825'		10	10	10	1.344	10	10	4.83 No	1.344 Thermal Discharging
SLP085	37	'43823674_/_5974842'		10	10	10	1.344	10	10	4.83 No	1.344 Thermal Discharging
SLP085	38	'5974862_/_5974859'		10	10	10	1.344	10	10	4.83 No	1.344 Thermal Discharging
SLP085	39	'5974879_/_5974876'		10	10	10	1.344	10	10	4.83 No	1.344 Thermal Discharging
SLP085	40	'5974896_/_5974893'		10	10	10	1.344	10	10	4.83 No	1.344 Thermal Discharging
SLP085	41	'43824237_/_5975722'		10	10	10	1.344	10	10	4.83 No	1.344 Thermal Discharging
SLP085	42	'5975742_/_5975739'		10	10	10	1.344	10	10	4.83 No	1.344 Thermal Discharging
SLP085	43	'5975759_/_5975756'		10	10	10	1.344	10	10	4.83 No	1.344 Thermal Discharging
SLP085	44	'5976357_/_5976371'		10	10	10	1.344	10	10	4.83 No	1.344 Thermal Discharging
SLP085	45	'5976391_/_5976388'		10	10	10	1.344	10	10	4.83 No	1.344 Thermal Discharging
SLP085	46	'5976340_/_5976354'		10	10	10	1.344	10	10	4.83 No	1.344 Thermal Discharging
SLP085	47	'5992193_/_5992217_1'		3.33	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448 Thermal Discharging
SLP085	48	'5970281_/_5976405'		10	10	10	1.344	10	10	4.83 No	1.344 Thermal Discharging
SLP085	49	'491084155_/_5970279_1'		3.33	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448 Thermal Discharging
SLP085	50	'5970266_/_5976422'		10	10	10	1.344	10	10	4.83 No	1.344 Thermal Discharging
SLP085	51	'5970012_/_5976337'		10	10	10	1.344	10	10	4.83 No	1.344 Thermal Discharging
SLP085	52	'43824250_/_5992217_2'		3.33	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448 Thermal Discharging
SLP085	53	'43824213_/_43824215'		10	10	10	1.344	10	10	4.83 No	1.344 Thermal Discharging
SLP085	54	'5976442_/_5976439'		10	10	10	1.344	10	10	4.83 No	1.344 Thermal Discharging
SLP085	55	'5970013_/_5970010_1'		3.33	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448 Thermal Discharging
SLP085	56	'5970265_/_43824318_2'		3.33	3.33	3.33	0.448	1.1	3.33	1.61 No	0.448 Thermal Discharging
SLP085	57	'5976459_/_5976456'		10	10	10	1.344	10	10	4.83 No	1.344 Thermal Discharging
SLP085	58	'43826964_/_43824252'		3.33	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448 Thermal Discharging
SLP085	59	'5970463_/_5976473'		10	10	10	1.344	10	10	4.83 No	1.344 Thermal Discharging
SLP085	60	'43824305_/_5970279_2'		3.33	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448 Thermal Discharging
SLP085	61	'5970481_/_5970491_1'		3.33	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448 Thermal Discharging
SLP085	62	'5988828_/_5988839'		3.33	3.33	3.33	0.448	1.1	3.33	1.61 No	0.448 Thermal Discharging
SLP085	63	'5976493_/_5976490'		10	10	10	1.344	10	10	4.83 No	1.344 Thermal Discharging
SLP085	64	'74082513_/_5988826_1'		3.33	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448 Thermal Discharging
SLP085	65	'43824427_/_5976507'		10	10	10	1.344	10	10	4.83 No	1.344 Thermal Discharging
SLP085	66	'43824226_/_5970010_2'		3.33	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448 Thermal Discharging
SLP085	67	'43824318_/_43824318_1'		3.33	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448 Thermal Discharging
SLP085	68	'5992626_/_43824429'		10	10	10	1.344	10	10	4.83 No	1.344 Thermal Discharging
SLP085	69	'43824338_/_43824340'		6.67	6.67	6.67	0.896	2.1	6.67	3.22 No	0.896 Thermal Discharging
SLP085	70	'5992656_/_5992653'		10	10	10	1.344	10	10	4.83 No	1.344 Thermal Discharging
SLP085	71	'5970142_/_5992204'		3.33	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448 Thermal Discharging
SLP085	72	'5992612_/_5992610_1'		3.33	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448 Thermal Discharging
SLP085	73	'5976526_/_5992670'		10	10	10	1.344	10	10	4.83 No	1.344 Thermal Discharging
SLP085	74	'5970448_/_5970445_2'		6.67	6.67	6.67	0.896	2.1	6.67	3.22 No	0.896 Thermal Discharging
SLP085	75	'5976527_/_5976524'		10	10	10	1.344	10	10	4.83 No	1.344 Thermal Discharging
SLP085	76	'43824294_/_5970292'		3.33	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448 Thermal Discharging
SLP085	77	'5970038_/_5988826_2'		3.33	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448 Thermal Discharging
SLP085	78	'5970882_/_5976541'		10	10	10	1.344	10	10	4.83 No	1.344 Thermal Discharging
SLP085	79	'5976561_/_5976558'		10	10	10	1.344	10	10	4.83 No	1.344 Thermal Discharging
SLP085	80	'124277094_/_5992610_2'		3.33	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448 Thermal Discharging
SLP085	81	'5971003_/_5976575'		10	10	10	1.344	10	10	4.83 No	1.344 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SLP085	82	'5970143_/_5970140'	3.33	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448	Thermal Discharging
SLP085	83	'5975781_/_5976595'	10	10	10	1.344	10	10	4.83 No	1.344	Thermal Discharging
SLP085	84	'605904518_/_5970880_1'	3.33	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448	Thermal Discharging
SLP085	85	'5970896_/_5970880_2'	3.33	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448	Thermal Discharging
SLP085	86	'5969974_/_5969984'	3.33	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448	Thermal Discharging
SLP085	87	'5971074_/_5975779'	10	10	10	1.344	10	10	4.83 No	1.344	Thermal Discharging
SLP085	88	'454514617_/_440461371_2'	3.33	3.33	3.33	0.448	1.5	3.33	1.61 No	0.448	Thermal Discharging
SLP085	89	'454514604_/_440461371_1'	3.33	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448	Thermal Discharging
SLP085	90	'5970909_/_5970880_3'	3.33	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448	Thermal Discharging
SLP085	91	'5993184_/_5993194'	3.33	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448	Thermal Discharging
SLP085	92	'5975799_/_5975796'	10	10	10	1.344	10	10	4.83 No	1.344	Thermal Discharging
SLP085	93	'43824202_/_5970036'	3.33	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448	Thermal Discharging
SLP085	94	'5970433_/_5970445_1'	6.67	6.67	6.67	0.896	1	6.67	3.22 No	0.896	Thermal Discharging
SLP085	95	'5970494_/_5970491_2'	3.33	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448	Thermal Discharging
SLP085	96	'5975816_/_5975813'	10	10	10	1.344	10	10	4.83 No	1.344	Thermal Discharging
SLP085	97	'43824495_/_5975830'	10	10	10	1.344	10	10	4.83 No	1.344	Thermal Discharging
SLP085	98	'5970156_/_5970153'	3.33	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448	Thermal Discharging
SLP085	99	'5970990_/_5971000'	3.33	3.33	3.33	0.448	1	3.33	1.61 No	0.448	Thermal Discharging
SLP085	100	'5971116_/_5975847'	10	10	10	1.344	10	10	4.83 No	1.344	Thermal Discharging
SLP085	101	'5971100_/_5971097_2'	3.33	3.33	3.33	0.448	1.1	3.33	1.61 No	0.448	Thermal Discharging
SLP085	102	'5975867_/_5975864'	10	10	10	1.344	10	10	4.83 No	1.344	Thermal Discharging
SLP085	103	'5970653_/_5970663'	3.33	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448	Thermal Discharging
SLP085	104	'5975884_/_5975881'	10	10	10	1.344	10	10	4.83 No	1.344	Thermal Discharging
SLP085	105	'43826351_/_5978849'	10	10	10	1.344	10	10	4.83 No	1.344	Thermal Discharging
SLP085	106	'43824462_/_43824464'	3.33	3.33	3.33	0.448	1	3.33	1.61 No	0.448	Thermal Discharging
SLP085	107	'5979013_/_5979010'	10	10	10	1.344	10	10	4.83 No	1.344	Thermal Discharging
SLP085	108	'5970938_/_5970935'	3.33	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448	Thermal Discharging
SLP085	109	'5968527_/_5969971'	3.33	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448	Thermal Discharging
SLP085	110	'5970308_/_43824296'	3.33	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448	Thermal Discharging
SLP085	111	'5970977_/_5970974_2'	3.33	3.33	3.33	0.448	1	3.33	1.61 No	0.448	Thermal Discharging
SLP085	112	'70231065_/_5979043_1'	3.33	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448	Thermal Discharging
SLP085	113	'5978995_/_5979056'	10	10	10	1.344	10	10	4.83 No	1.344	Thermal Discharging
SLP085	114	'43824350_/_5970504'	3.33	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448	Thermal Discharging
SLP085	115	'5971019_/_5971029'	3.33	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448	Thermal Discharging
SLP085	116	'5970924_/_5970922'	3.33	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448	Thermal Discharging
SLP085	117	'5978928_/_5978976'	10	10	10	1.344	10	10	4.83 No	1.344	Thermal Discharging
SLP085	118	'5970052_/_5970049'	3.33	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448	Thermal Discharging
SLP085	119	'5970415_/_5970430'	6.67	6.67	6.67	0.896	1	6.67	3.22 No	0.896	Thermal Discharging
SLP085	120	'5978945_/_5978942'	10	10	10	1.344	10	10	4.83 No	1.344	Thermal Discharging
SLP085	121	'43825869_/_5978959'	10	10	10	1.344	10	10	4.83 No	1.344	Thermal Discharging
SLP085	122	'5993171_/_5993181'	3.33	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448	Thermal Discharging
SLP085	123	'5977939_/_5977937_1'	10	10	10	1.344	10	10	4.83 No	1.344	Thermal Discharging
SLP085	124	'43824261_/_5970169'	3.33	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448	Thermal Discharging
SLP085	125	'5976005_/_5977937_2'	10	10	10	1.344	10	10	4.83 No	1.344	Thermal Discharging
SLP085	126	'43826390_/_5979043_2'	3.33	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448	Thermal Discharging
SLP085	127	'5976006_/_5976003'	10	10	10	1.344	10	10	4.83 No	1.344	Thermal Discharging
SLP085	128	'5976023_/_43824803'	10	10	10	1.344	10	10	4.83 No	1.344	Thermal Discharging
SLP085	129	'5977914_/_5977911_2'	3.33	3.33	3.33	0.448	1.1	3.33	1.61 No	0.448	Thermal Discharging
SLP085	130	'5970652_/_43824407'	3.33	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448	Thermal Discharging
SLP085	131	'5970964_/_5970974_1'	3.33	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448	Thermal Discharging
SLP085	132	'43824580_/_5976037'	10	10	10	1.344	10	10	4.83 No	1.344	Thermal Discharging
SLP085	133	'43824327_/_5970412'	6.67	6.67	6.67	0.896	1	6.67	3.22 No	0.896	Thermal Discharging
SLP085	134	'5971087_/_5971097_1'	3.33	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448	Thermal Discharging
SLP085	135	'5971449_/_43824582'	10	10	10	1.344	10	10	4.83 No	1.344	Thermal Discharging
SLP085	136	'362545802_/_5971447_1'	3.33	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448	Thermal Discharging
SLP085	137	'614079999_/_611126238_1'	6.67	6.67	6.67	0.896	1.1	6.67	3.22 No	0.896	Thermal Discharging
SLP085	138	'5971689_/_5976071'	10	10	10	1.344	10	10	4.83 No	1.344	Thermal Discharging
SLP085	139	'5970520_/_43824352'	3.33	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448	Thermal Discharging
SLP085	140	'43824451_/_5970948'	3.33	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448	Thermal Discharging
SLP085	141	'43824661_/_5976088'	10	10	10	1.344	10	10	4.83 No	1.344	Thermal Discharging
SLP085	142	'5976091_/_5976105_1'	10	10	10	1.344	10	10	4.83 No	1.344	Thermal Discharging
SLP085	143	'43823615_/_43823617'	3.33	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448	Thermal Discharging
SLP085	144	'5970065_/_5970062'	3.33	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448	Thermal Discharging
SLP085	145	'5993158_/_5993168'	3.33	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448	Thermal Discharging
SLP085	146	'5971411_/_5971447_2'	3.33	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448	Thermal Discharging
SLP085	147	'43825847_/_5977769'	3.33	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448	Thermal Discharging
SLP085	148	'43824674_/_5976105_2'	10	10	10	1.344	10	10	4.83 No	1.344	Thermal Discharging
SLP085	149	'5971676_/_5971686_1'	3.33	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448	Thermal Discharging
SLP085	150	'43824473_/_43824475'	3.33	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448	Thermal Discharging
SLP085	151	'397555800_/_5976122'	10	10	10	1.344	10	10	4.83 No	1.344	Thermal Discharging
SLP085	152	'5971086_/_5971084'	3.33	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448	Thermal Discharging
SLP085	153	'5971463_/_611126238_2'	6.67	6.67	6.67	0.896	1.1	6.67	3.22 No	0.896	Thermal Discharging
SLP085	154	'5970185_/_5970182'	3.13	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448	Thermal Discharging
SLP085	155	'5976125_/_397555804'	10	10	10	1.344	10	10	4.83 No	1.344	Thermal Discharging
SLP085	156	'5971663_/_5971686_2'	3.33	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448	Thermal Discharging
SLP085	157	'5971398_/_5971408'	3.33	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448	Thermal Discharging
SLP085	158	'5971294_/_5977911_1'	3.33	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448	Thermal Discharging
SLP085	159	'123559043_/_5976312'	10	10	10	1.344	10	10	4.83 No	1.344	Thermal Discharging
SLP085	160	'5967364_/_5967361'	10	10	10	1.344	10	10	4.83 No	1.344	Thermal Discharging
SLP085	161	'118643364_/_5992456_1'	3.33	3.33	3.33	0.448	0.8	3.33	1.61 No	0.448	Thermal Discharging
SLP085	162	'5970963_/_5970961'	3.33	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448	Thermal Discharging
SLP085	163	'5977837_/_5979027'	3.33	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448	Thermal Discharging
SLP085	164	'5968673_/_5970396'	3.33	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448	Thermal Discharging
SLP085	165	'5967384_/_5967381'	10	10	10	1.344	10	10	4.83 No	1.344	Thermal Discharging
SLP085	166	'5971385_/_5971395'	3.33	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448	Thermal Discharging
SLP085	167	'43827068_/_5992456_2'	3.33	3.33	3.33	0.448	0.8	3.33	1.61 No	0.448	Thermal Discharging
SLP085	168	'611126271_/_611126268'	6.67	6.67	6.67	0.896	1.1	6.67	3.22 No	0.896	Thermal Discharging
SLP085	169	'5977733_/_5977730'	3.33	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448	Thermal Discharging
SLP085	170	'43821954_/_5967398'	10	10	10	1.344	10	10	4.83 No	1.344	Thermal Discharging
SLP085	171	'5968501_/_5968511'	2.47	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448	Thermal Discharging
SLP085	172	'5963523_/_5967415'	10	10	10	1.344	10	10	4.83 No	1.344	Thermal Discharging
SLP085	173	'5970533_/_5970530'	3.33	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448	Thermal Discharging
SLP085	174	'5971372_/_5971382'	3.33	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448	Thermal Discharging
SLP085	175	'5993157_/_5993155'	3.13	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over- Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SLP085	176	'5971650_/_5971686_3'		3.33	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448 Thermal Discharging
SLP085	177	'5963524_/_5963537_1'		3.33	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448 Thermal Discharging
SLP085	178	'5971702_/_5971699'		3.33	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448 Thermal Discharging
SLP085	179	'5967435_/_5967432'		10	10	10	1.344	10	10	4.83 No	1.344 Thermal Discharging
SLP085	180	'5970320_/_5977782'		2.97	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448 Thermal Discharging
SLP085	181	'5963019_/_5992443'		3.33	3.33	3.33	0.448	0.8	3.33	1.61 No	0.448 Thermal Discharging
SLP085	182	'43827101_/_5992584'		2.37	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448 Thermal Discharging
SLP085	183	'43827090_/_5992558'		3.33	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448 Thermal Discharging
SLP085	184	'5967452_/_5967449'		10	10	10	1.344	10	10	4.83 No	1.344 Thermal Discharging
SLP085	185	'5970198_/_5970195'		2.3	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448 Thermal Discharging
SLP085	186	'5971359_/_5971369'		3.33	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448 Thermal Discharging
SLP085	187	'43826051_/_5978116'		10	10	10	1.344	10	10	4.83 No	1.344 Thermal Discharging
SLP085	188	'5969646_/_5969656'		3.33	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448 Thermal Discharging
SLP085	189	'5969870_/_5977834'		3.33	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448 Thermal Discharging
SLP085	190	'5963006_/_5963016'		3.33	3.33	3.33	0.448	0.8	3.33	1.61 No	0.448 Thermal Discharging
SLP085	191	'5971280_/_5971291'		3.33	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448 Thermal Discharging
SLP085	192	'5963540_/_5963537_2'		3.33	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448 Thermal Discharging
SLP085	193	'5967468_/_43826053'		10	10	10	1.344	10	10	4.83 No	1.344 Thermal Discharging
SLP085	194	'5971358_/_5971356'		3.33	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448 Thermal Discharging
SLP085	195	'5967469_/_5967466'		10	10	10	1.344	10	10	4.83 No	1.344 Thermal Discharging
SLP085	196	'117481917_/_611126316'		6.67	6.67	6.67	0.896	1.1	6.67	3.22 No	0.896 Thermal Discharging
SLP085	197	'7426452_/_7426450_1'		10	10	10	1.344	5	10	4.83 No	1.344 Thermal Discharging
SLP085	198	'5962993_/_5963003'		3.33	3.33	3.33	0.448	0.8	3.33	1.61 No	0.448 Thermal Discharging
SLP085	199	'43821967_/_5967483'		10	10	10	1.344	10	10	4.83 No	1.344 Thermal Discharging
SLP085	200	'5967503_/_5967500'		10	10	10	1.344	10	10	4.83 No	1.344 Thermal Discharging
SLP085	201	'5963591_/_5967517'		10	10	10	1.344	10	10	4.83 No	1.344 Thermal Discharging
SLP085	202	'5970214_/_5970211'		2.03	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448 Thermal Discharging
SLP085	203	'7426305_/_7426450_2'		10	10	10	1.344	5	10	4.83 No	1.344 Thermal Discharging
SLP085	204	'5970546_/_5970543'		2.83	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448 Thermal Discharging
SLP085	205	'5977970_/_5978035'		3.33	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448 Thermal Discharging
SLP085	206	'5969633_/_5969643'		3.33	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448 Thermal Discharging
SLP085	207	'43821980_/_5967534'		10	10	10	1.344	10	10	4.83 No	1.344 Thermal Discharging
SLP085	208	'5971505_/_611126334'		6.67	6.67	6.67	0.896	1.1	6.67	3.22 No	0.896 Thermal Discharging
SLP085	209	'43821844_/_5962990'		3.33	3.33	3.33	0.448	0.8	3.33	1.61 No	0.448 Thermal Discharging
SLP085	210	'43824709_/_5971712'		3.33	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448 Thermal Discharging
SLP085	211	'5970321_/_5970318'		2.37	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448 Thermal Discharging
SLP085	212	'5970077_/_5992597'		1.97	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448 Thermal Discharging
SLP085	213	'5977745_/_5977898'		2.93	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448 Thermal Discharging
SLP085	214	'5977969_/_5977980_1'		3.33	3.33	3.33	0.448	0.3	3.33	1.61 No	0.3 Element Fault
SLP085	215	'5967554_/_5967551'		10	10	10	1.344	10	10	4.83 No	1.344 Thermal Discharging
SLP085	216	'5971649_/_5971647'		3.33	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448 Thermal Discharging
SLP085	217	'5965615_/_5992571'		3.33	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448 Thermal Discharging
SLP085	218	'5968500_/_5968498'		1.9	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448 Thermal Discharging
SLP085	219	'43824650_/_43824652'		3.33	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448 Thermal Discharging
SLP085	220	'5963553_/_5963550'		3.33	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448 Thermal Discharging
SLP085	221	'5967571_/_5967568'		10	10	10	1.344	10	10	4.83 No	1.344 Thermal Discharging
SLP085	222	'5978012_/_5978009_2'		3.33	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448 Thermal Discharging
SLP085	223	'5962967_/_5962977'		3.33	3.33	3.33	0.448	0.8	3.33	1.61 No	0.448 Thermal Discharging
SLP085	224	'43822235_/_5967585'		10	10	10	1.344	10	10	4.83 No	1.344 Thermal Discharging
SLP085	225	'5971346_/_5978009_1'		3.33	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448 Thermal Discharging
SLP085	226	'5967835_/_43822237'		10	10	10	1.344	10	10	4.83 No	1.344 Thermal Discharging
SLP085	227	'5962954_/_5962964'		3.33	3.33	3.33	0.448	0.8	3.33	1.61 No	0.448 Thermal Discharging
SLP085	228	'611126375_/_611126372'		6.67	6.67	6.67	0.896	1.1	6.67	3.22 No	0.896 Thermal Discharging
SLP085	229	'9318574_/_9318572_1'		10	10	10	1.344	10	10	4.83 No	1.344 Thermal Discharging
SLP085	230	'5965614_/_5965612'		3.33	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448 Thermal Discharging
SLP085	231	'5969620_/_5969630'		2.67	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448 Thermal Discharging
SLP085	232	'5971333_/_5971343'		3.33	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448 Thermal Discharging
SLP085	233	'43824569_/_5971278'		3.33	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448 Thermal Discharging
SLP085	234	'5977983_/_5977980_2'		3.33	3.33	3.33	0.448	0.3	3.33	1.61 No	0.3 Element Fault
SLP085	235	'5967852_/_5967849'		10	10	10	1.344	10	10	4.83 No	1.344 Thermal Discharging
SLP085	236	'43824098_/_43824101'		3.23	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448 Thermal Discharging
SLP085	237	'8061245_/_9318572_2'		10	10	10	1.344	10	10	4.83 No	1.344 Thermal Discharging
SLP085	238	'5963592_/_5963589_1'		3.33	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448 Thermal Discharging
SLP085	239	'5962953_/_5962951'		3.33	3.33	3.33	0.448	0.8	3.33	1.61 No	0.448 Thermal Discharging
SLP085	240	'43822248_/_5978534'		10	10	10	1.344	10	10	4.83 No	1.344 Thermal Discharging
SLP085	241	'614080046_/_611126390'		6.67	6.67	6.67	0.896	1.1	6.67	3.22 No	0.896 Thermal Discharging
SLP085	242	'5970334_/_5970331'		2.03	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448 Thermal Discharging
SLP085	243	'5978557_/_8061243'		10	10	10	1.344	8.1	10	4.83 No	1.344 Thermal Discharging
SLP085	244	'5966925_/_5977743'		2.33	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448 Thermal Discharging
SLP085	245	'43821993_/_5963589_2'		3.33	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448 Thermal Discharging
SLP085	246	'43824272_/_5970224'		1.7	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448 Thermal Discharging
SLP085	247	'5970078_/_5970075'		1.7	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448 Thermal Discharging
SLP085	248	'5970789_/_5971330'		3.33	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448 Thermal Discharging
SLP085	249	'5967869_/_5967866'		10	10	10	1.344	10	10	4.83 No	1.344 Thermal Discharging
SLP085	250	'5970559_/_5970556'		2.27	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448 Thermal Discharging
SLP085	251	'43821833_/_5978163'		3.33	3.33	3.33	0.448	0.8	3.33	1.61 No	0.448 Thermal Discharging
SLP085	252	'90413673_/_5968201'		10	10	10	1.344	10	10	4.83 No	1.344 Thermal Discharging
SLP085	253	'43826941_/_5992149'		2.47	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448 Thermal Discharging
SLP085	254	'43825836_/_5977683'		1.63	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448 Thermal Discharging
SLP085	255	'5968204_/_8061513_1'		10	10	10	1.344	5.9	10	4.83 No	1.344 Thermal Discharging
SLP085	256	'5971952_/_5977996'		3.33	3.33	3.33	0.448	0.3	3.33	1.61 No	0.3 Element Fault
SLP085	257	'5970776_/_5970786'		3.33	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448 Thermal Discharging
SLP085	258	'614080070_/_611126416'		6.67	6.67	6.67	0.896	1.1	6.67	3.22 No	0.896 Thermal Discharging
SLP085	259	'5971557_/_611126432'		6.67	6.67	6.67	0.896	1.1	6.67	3.22 No	0.896 Thermal Discharging
SLP085	260	'43824714_/_43824711'		2.33	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448 Thermal Discharging
SLP085	261	'5962941_/_5978150'		3.33	3.33	3.33	0.448	0.8	3.33	1.61 No	0.448 Thermal Discharging
SLP085	262	'5970763_/_5970773'		3.33	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448 Thermal Discharging
SLP085	263	'5969607_/_5969617'		2.23	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448 Thermal Discharging
SLP085	264	'5962940_/_5962938'		3.33	3.33	3.33	0.448	0.8	3.33	1.61 No	0.448 Thermal Discharging
SLP085	265	'7426304_/_7426302'		10	10	10	1.344	5	10	4.83 No	1.344 Thermal Discharging
SLP085	266	'5969844_/_5969854'		2.5	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448 Thermal Discharging
SLP085	267	'37943622_/_8061513_2'		10	10	10	1.344	5.9	10	4.83 No	1.344 Thermal Discharging
SLP085	268	'404726975_/_37943619'		10	10	10	1.344	5.9	10	4.83 No	1.344 Thermal Discharging
SLP085	269	'37943601_/_37943605'		10	10	10	1.344	5	10	4.83 No	1.344 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Over- Voltage Deviation	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
											VSR (MW)	Limiting Threshold
SLP085	270	'37943650_/_37943647'		10	10	10	1.344	4.7	10	4.83 No	1.344	Thermal Discharging
SLP085	271	'37943636_/_37943633'		10	10	10	1.344	5.9	10	4.83 No	1.344	Thermal Discharging
SLP085	272	'5970750_/_5970760'	3.33	3.33	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448	Thermal Discharging
SLP085	273	'614080103_/_611126478'	6.2	6.67	6.67	6.67	0.896	1.1	6.67	3.22 No	0.896	Thermal Discharging
SLP085	274	'5966926_/_5966923'	2.07	3.33	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448	Thermal Discharging
SLP085	275	'5971583_/_611126500'	6.2	6.67	6.67	6.67	0.896	1.1	6.67	3.22 No	0.896	Thermal Discharging
SLP085	276	'5968403_/_5968401'	3.33	3.33	3.33	3.33	0.448	0.8	3.33	1.61 No	0.448	Thermal Discharging
SLP085	277	'43824361_/_5970569'	2	3.33	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448	Thermal Discharging
SLP085	278	'43824283_/_5970344'	1.8	3.33	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448	Thermal Discharging
SLP085	279	'43824191_/_5970088'	1.53	3.33	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448	Thermal Discharging
SLP085	280	'5971268_/_5971963'	2.53	3.33	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448	Thermal Discharging
SLP085	281	'5970240_/_5970237'	1.5	3.33	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448	Thermal Discharging
SLP085	282	'43822274_/_8686378'	10	10	10	1.344	4.7	10	4.83 No	1.344	Thermal Discharging	
SLP085	283	'5970737_/_5970747'	3.33	3.33	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448	Thermal Discharging
SLP085	284	'5971610_/_5971780'	3.23	3.33	3.33	3.33	0.448	0.55	3.33	1.61 No	0.448	Thermal Discharging
SLP085	285	'7737010_/_8061263'	6.67	6.67	6.67	6.67	0.896	3.33	6.67	3.22 No	0.896	Thermal Discharging
SLP085	286	'87465723_/_43822276_1'	3.33	3.33	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448	Thermal Discharging
SLP085	287	'43823880_/_43823882'	1.8	3.33	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448	Thermal Discharging
SLP085	288	'5969714_/_5977954'	2.7	3.33	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448	Thermal Discharging
SLP085	289	'5970724_/_5970734'	3.33	3.33	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448	Thermal Discharging
SLP085	290	'5971757_/_5971767'	3.17	3.33	3.33	3.33	0.448	0.55	3.33	1.61 No	0.448	Thermal Discharging
SLP085	291	'5986017_/_5986014'	3.33	3.33	3.33	3.33	0.448	0.8	3.33	1.61 No	0.448	Thermal Discharging
SLP085	292	'43824720_/_5971950'	3.33	3.33	3.33	3.33	0.448	0.3	3.33	1.61 No	0.3	Element Fault
SLP085	293	'5970857_/_5970867'	3.33	3.33	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448	Thermal Discharging
SLP085	294	'5963605_/_43821995'	3.33	3.33	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448	Thermal Discharging
SLP085	295	'5971611_/_5971608'	3.33	3.33	3.33	3.33	0.448	0.55	3.33	1.61 No	0.448	Thermal Discharging
SLP085	296	'43824383_/_43824385'	3.33	3.33	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448	Thermal Discharging
SLP085	297	'72925604_/_5986001'	3.33	3.33	3.33	3.33	0.448	0.8	3.33	1.61 No	0.448	Thermal Discharging
SLP085	298	'43824110_/_43824112'	2.1	3.33	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448	Thermal Discharging
SLP085	299	'43824742_/_5971621'	3.33	3.33	3.33	3.33	0.448	0.55	3.33	1.61 No	0.448	Thermal Discharging
SLP085	300	'9004564_/_9629159'	8.1	10	10	1.344	5	10	4.83 No	1.344	Thermal Discharging	
SLP085	301	'5978348_/_43822276_2'	3.33	3.33	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448	Thermal Discharging
SLP085	302	'43824088_/_43824090'	2.43	3.33	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448	Thermal Discharging
SLP085	303	'5970695_/_5970708'	3.33	3.33	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448	Thermal Discharging
SLP085	304	'5966939_/_43827013'	1.8	3.33	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448	Thermal Discharging
SLP085	305	'5968488_/_5977670'	1.37	3.33	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448	Thermal Discharging
SLP085	306	'5971267_/_5971265'	2.17	3.33	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448	Thermal Discharging
SLP085	307	'43824077_/_5969604'	1.87	3.33	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448	Thermal Discharging
SLP085	308	'5985991_/_43826661'	3.33	3.33	3.33	3.33	0.448	0.8	3.33	1.61 No	0.448	Thermal Discharging
SLP085	309	'5970104_/_5970101'	1.37	3.33	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448	Thermal Discharging
SLP085	310	'5971320_/_5971317'	2.43	3.33	3.33	3.33	0.448	0.3	3.33	1.61 No	0.3	Element Fault
SLP085	311	'7737009_/_7737007'	6.3	10	10	1.344	5	10	4.83 No	1.344	Thermal Discharging	
SLP085	312	'5970585_/_43824363'	1.77	3.33	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448	Thermal Discharging
SLP085	313	'5970844_/_5970854'	3.33	3.33	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448	Thermal Discharging
SLP085	314	'5971741_/_5971754'	3.33	3.33	3.33	3.33	0.448	0.55	3.33	1.61 No	0.448	Thermal Discharging
SLP085	315	'5970360_/_5970357'	1.57	3.33	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448	Thermal Discharging
SLP085	316	'451810498_/_8376278'	10	10	10	1.344	5	10	4.83 No	1.344	Thermal Discharging	
SLP085	317	'5970253_/_5970250'	1.33	3.33	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448	Thermal Discharging
SLP085	318	'5971795_/_5971976'	4.33	6.67	6.67	6.67	0.896	1.1	6.67	3.22 No	0.896	Thermal Discharging
SLP085	319	'5992805_/_5992802'	3.33	3.33	3.33	3.33	0.448	0.8	3.33	1.61 No	0.448	Thermal Discharging
SLP085	320	'5963621_/_5963618'	3.13	3.33	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448	Thermal Discharging
SLP085	321	'5969818_/_5969828'	1.87	3.33	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448	Thermal Discharging
SLP085	322	'5969685_/_5969698'	2.13	3.33	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448	Thermal Discharging
SLP085	323	'43827022_/_5992815'	3.33	3.33	3.33	3.33	0.448	0.8	3.33	1.61 No	0.448	Thermal Discharging
SLP085	324	'5986043_/_5986040'	2.07	3.33	3.33	3.33	0.448	0.3	3.33	1.61 No	0.3	Element Fault
SLP085	325	'5963964_/_5978346'	3.33	3.33	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448	Thermal Discharging
SLP085	326	'5970682_/_5970692'	3.33	3.33	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448	Thermal Discharging
SLP085	327	'5971740_/_5971738'	2.87	3.33	3.33	3.33	0.448	0.55	3.33	1.61 No	0.448	Thermal Discharging
SLP085	328	'43824394_/_5970841'	2.57	3.33	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448	Thermal Discharging
SLP085	329	'5970117_/_5970114'	1.27	3.33	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448	Thermal Discharging
SLP085	330	'5968475_/_5968485'	1.23	3.33	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448	Thermal Discharging
SLP085	331	'8062340_/_8062337'	4.07	6.67	6.67	6.67	0.896	3.33	6.67	3.22 No	0.896	Thermal Discharging
SLP085	332	'5971637_/_5971634'	3.2	3.33	3.33	3.33	0.448	0.55	3.33	1.61 No	0.448	Thermal Discharging
SLP085	333	'5962304_/_5966969'	3.33	3.33	3.33	3.33	0.448	0.8	3.33	1.61 No	0.448	Thermal Discharging
SLP085	334	'433539630_/_433539634'	3.33	3.33	3.33	3.33	0.448	1.57	3.33	1.61 No	0.448	Thermal Discharging
SLP085	335	'5978869_/_5978879'	1.8	3.33	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448	Thermal Discharging
SLP085	336	'5962291_/_5972007'	1.23	3.33	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448	Thermal Discharging
SLP085	337	'5977758_/_5977756'	1.6	3.33	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448	Thermal Discharging
SLP085	338	'5970601_/_5970598'	1.57	3.33	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448	Thermal Discharging
SLP085	339	'433539553_/_433539667'	3.33	3.33	3.33	3.33	0.448	1.4	3.33	1.61 No	0.448	Thermal Discharging
SLP085	340	'8062339_/_9005059'	6	10	10	1.344	5	10	4.83 No	1.344	Thermal Discharging	
SLP085	341	'102933472_/_5978359'	3.33	3.33	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448	Thermal Discharging
SLP085	342	'5963634_/_5963631'	2.4	3.33	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448	Thermal Discharging
SLP085	343	'433539574_/_433539610'	3.33	3.33	3.33	3.33	0.448	1.4	3.33	1.61 No	0.448	Thermal Discharging
SLP085	344	'5962305_/_5962302'	3.33	3.33	3.33	3.33	0.448	0.8	3.33	1.61 No	0.448	Thermal Discharging
SLP085	345	'5971796_/_5971793'	3.73	6.67	6.67	6.67	0.896	1.1	6.67	3.22 No	0.896	Thermal Discharging
SLP085	346	'5970373_/_5970370'	1.4	3.33	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448	Thermal Discharging
SLP085	347	'5970815_/_5970828'	2.13	3.33	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448	Thermal Discharging
SLP085	348	'5970614_/_5970611'	1.5	3.33	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448	Thermal Discharging
SLP085	349	'5971306_/_5986053'	1.8	3.33	3.33	3.33	0.448	0.3	3.33	1.61 No	0.3	Element Fault
SLP085	350	'43821589_/_5962315'	3.33	3.33	3.33	3.33	0.448	0.8	3.33	1.61 No	0.448	Thermal Discharging
SLP085	351	'5969805_/_5969815'	1.63	3.33	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448	Thermal Discharging
SLP085	352	'5972039_/_5978820'	2.67	3.33	3.33	3.33	0.448	0.55	3.33	1.61 No	0.448	Thermal Discharging
SLP085	353	'37943503_/_7737067'	10	10	10	1.344	5	10	4.83 No	1.344	Thermal Discharging	
SLP085	354	'37943489_/_37943493'	10	10	10	1.344	5	10	4.83 No	1.344	Thermal Discharging	
SLP085	355	'5969672_/_5969682'	1.87	3.33	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448	Thermal Discharging
SLP085	356	'37943496_/_37943500'	10	10	10	1.344	5	10	4.83 No	1.344	Thermal Discharging	
SLP085	357	'5964207_/_7426322_2'	3.33	3.33	3.33	3.33	0.448	1.4	3.33	1.61 No	0.448	Thermal Discharging
SLP085	358	'43822307_/_7426322_1'	3.33	3.33	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448	Thermal Discharging
SLP085	359	'43822285_/_5963962										

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SLP085	364	'5970681_/_43824374'		2	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448 Thermal Discharging
SLP085	365	'5962331_/_43821591'		3.33	3.33	3.33	0.448	0.8	3.33	1.61 No	0.448 Thermal Discharging
SLP085	366	'5970130_/_5970127'		1.13	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448 Thermal Discharging
SLP085	367	'5967125_/_5971994'		1.13	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448 Thermal Discharging
SLP085	368	'8686360_/_8686358'		4.8	10	10	1.344	5.5	10	4.83 No	1.344 Thermal Discharging
SLP085	369	'9628837_/_9628835'		10	10	10	1.344	5	10	4.83 No	1.344 Thermal Discharging
SLP085	370	'5964884_/_5964894_1'		2.07	3.33	3.33	0.448	0.3	3.33	1.61 No	0.3 Element Fault
SLP085	371	'5971811_/_5971808'		3.4	6.67	6.67	0.896	1.1	6.67	3.22 No	0.896 Thermal Discharging
SLP085	372	'5969792_/_5969802'		1.53	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448 Thermal Discharging
SLP085	373	'5970802_/_5970812'		1.87	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448 Thermal Discharging
SLP085	374	'5970627_/_5970624'		1.4	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448 Thermal Discharging
SLP085	375	'9319272_/_9319304'		5.1	10	10	1.344	5	10	4.83 No	1.344 Thermal Discharging
SLP085	376	'5962262_/_5967122'		1.1	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448 Thermal Discharging
SLP085	377	'5962344_/_5962341_1'		3.33	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448 Thermal Discharging
SLP085	378	'5970386_/_5970383'		1.27	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448 Thermal Discharging
SLP085	379	'43824593_/_5971304'		1.63	3.33	3.33	0.448	0.3	3.33	1.61 No	0.3 Element Fault
SLP085	380	'5993090_/_5962341_2'		3.33	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448 Thermal Discharging
SLP085	381	'5978590_/_5978866'		1.57	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448 Thermal Discharging
SLP085	382	'8686016_/_9004239'		3.33	3.33	3.33	0.448	1.67	3.33	1.61 No	0.448 Thermal Discharging
SLP085	383	'7427174_/_8062319'		2.73	6.67	6.67	0.896	3.33	6.67	3.22 No	0.896 Thermal Discharging
SLP085	384	'5963565_/_5967261'		2.27	3.33	3.33	0.448	0.55	3.33	1.61 No	0.448 Thermal Discharging
SLP085	385	'5968672_/_5968670'		1.27	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448 Thermal Discharging
SLP085	386	'43827162_/_5993100'		3.33	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448 Thermal Discharging
SLP085	387	'8685980_/_9628803'		3.33	3.33	3.33	0.448	1.67	3.33	1.61 No	0.448 Thermal Discharging
SLP085	388	'5969671_/_5969669'		1.7	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448 Thermal Discharging
SLP085	389	'5963427_/_8685978'		3.33	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448 Thermal Discharging
SLP085	390	'5970640_/_5970637'		1.33	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448 Thermal Discharging
SLP085	391	'8061360_/_9628967'		10	10	10	1.344	5	10	4.83 No	1.344 Thermal Discharging
SLP085	392	'5991768_/_5991766'		1.53	3.33	3.33	0.448	0.3	3.33	1.61 No	0.3 Element Fault
SLP085	393	'5963978_/_43822287'		2.1	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448 Thermal Discharging
SLP085	394	'5967154_/_5972020'		1.23	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448 Thermal Discharging
SLP085	395	'5969779_/_5969789'		1.43	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448 Thermal Discharging
SLP085	396	'5962356_/_5993113'		3.33	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448 Thermal Discharging
SLP085	397	'5970801_/_5970799'		1.63	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448 Thermal Discharging
SLP085	398	'5967153_/_5967151'		1.2	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448 Thermal Discharging
SLP085	399	'5963566_/_5963563'		2.1	3.33	3.33	0.448	0.55	3.33	1.61 No	0.448 Thermal Discharging
SLP085	400	'5963426_/_5963424'		3.33	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448 Thermal Discharging
SLP085	401	'43821578_/_5962260'		1.03	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448 Thermal Discharging
SLP085	402	'5964897_/_5964894_2'		1.77	3.33	3.33	0.448	0.3	3.33	1.61 No	0.3 Element Fault
SLP085	403	'5963660_/_5963657'		1.77	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448 Thermal Discharging
SLP085	404	'5962357_/_5962354'		3.33	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448 Thermal Discharging
SLP085	405	'5978589_/_5978587'		1.43	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448 Thermal Discharging
SLP085	406	'5964208_/_43822309'		2.9	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448 Thermal Discharging
SLP085	407	'5991782_/_5991779'		1.4	3.33	3.33	0.448	0.3	3.33	1.61 No	0.3 Element Fault
SLP085	408	'43824638_/_5971823'		2.93	6.67	6.67	0.896	1.1	6.67	3.22 No	0.896 Thermal Discharging
SLP085	409	'5963443_/_5963440'		3.33	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448 Thermal Discharging
SLP085	410	'43821600_/_5962367'		3.33	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448 Thermal Discharging
SLP085	411	'5969739_/_5969776'		1.33	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448 Thermal Discharging
SLP085	412	'43822296_/_5963988'		1.83	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448 Thermal Discharging
SLP085	413	'8376149_/_9004561'		3.33	3.33	3.33	0.448	1.67	3.33	1.61 No	0.448 Thermal Discharging
SLP085	414	'43827151_/_5993074'		3.33	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448 Thermal Discharging
SLP085	415	'5969727_/_5969763'		1.3	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448 Thermal Discharging
SLP085	416	'5963579_/_5963576'		1.9	3.33	3.33	0.448	0.55	3.33	1.61 No	0.448 Thermal Discharging
SLP085	417	'8376148_/_8376146'		3.33	3.33	3.33	0.448	1.67	3.33	1.61 No	0.448 Thermal Discharging
SLP085	418	'5964910_/_5964907'		1.6	3.33	3.33	0.448	0.3	3.33	1.61 No	0.3 Element Fault
SLP085	419	'43826707_/_43821602'		3.33	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448 Thermal Discharging
SLP085	420	'451810286_/_451810283'		3.33	3.33	3.33	0.448	1.67	3.33	1.61 No	0.448 Thermal Discharging
SLP085	421	'451810268_/_451810265'		3.33	3.33	3.33	0.448	1.67	3.33	1.61 No	0.448 Thermal Discharging
SLP085	422	'451810276_/_451810502'		3.33	3.33	3.33	0.448	1.67	3.33	1.61 No	0.448 Thermal Discharging
SLP085	423	'451810257_/_451810273'		3.33	3.33	3.33	0.448	1.67	3.33	1.61 No	0.448 Thermal Discharging
SLP085	424	'8376116_/_9318464'		3.33	3.33	3.33	0.448	1.67	3.33	1.61 No	0.448 Thermal Discharging
SLP085	425	'45377809_/_5962273'		0.93	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448 Thermal Discharging
SLP085	426	'451810258_/_451810255'		3.33	3.33	3.33	0.448	1.67	3.33	1.61 No	0.448 Thermal Discharging
SLP085	427	'8686823_/_8686820'		3.33	3.33	3.33	0.448	1.67	3.33	1.61 No	0.448 Thermal Discharging
SLP085	428	'451810456_/_451810460'		3.33	3.33	3.33	0.448	1.67	3.33	1.61 No	0.448 Thermal Discharging
SLP085	429	'8061283_/_8376114_1'		3.33	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448 Thermal Discharging
SLP085	430	'5962382_/_43826709'		3.33	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448 Thermal Discharging
SLP085	431	'5963294_/_8376114_2'		3.33	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448 Thermal Discharging
SLP085	432	'5978482_/_8376430_2'		3.33	3.33	3.33	0.448	1.67	3.33	1.61 No	0.448 Thermal Discharging
SLP085	433	'5963938_/_9318444_2'		3.33	3.33	3.33	0.448	1.67	3.33	1.61 No	0.448 Thermal Discharging
SLP085	434	'43826110_/_8376430_1'		3.33	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448 Thermal Discharging
SLP085	435	'37943440_/_37943444'		4.4	10	10	1.344	5	10	4.83 No	1.344 Thermal Discharging
SLP085	436	'43822213_/_9318444_1'		3.33	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448 Thermal Discharging
SLP085	437	'37943433_/_37943437'		4.4	10	10	1.344	5	10	4.83 No	1.344 Thermal Discharging
SLP085	438	'37943447_/_8061357'		4.4	10	10	1.344	5	10	4.83 No	1.344 Thermal Discharging
SLP085	439	'37943475_/_37943472'		4.4	10	10	1.344	5	10	4.83 No	1.344 Thermal Discharging
SLP085	440	'5962383_/_5962380'		3.33	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448 Thermal Discharging
SLP085	441	'5971841_/_43824640'		2.67	6.67	6.67	0.896	1.1	6.67	3.22 No	0.896 Thermal Discharging
SLP085	442	'5963673_/_5963670'		1.53	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448 Thermal Discharging
SLP085	443	'5963281_/_5963291'		3.33	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448 Thermal Discharging
SLP085	444	'353903232_/_353903184_1'		3.33	3.33	3.33	0.448	0.3	3.33	1.61 No	0.3 Element Fault
SLP085	445	'5963414_/_5993058'		3.33	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448 Thermal Discharging
SLP085	446	'5964004_/_43822298'		1.63	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448 Thermal Discharging
SLP085	447	'5962396_/_5962393'		3.33	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448 Thermal Discharging
SLP085	448	'124278189_/_8061753_2'		4.2	10	10	1.344	5	10	4.83 No	1.344 Thermal Discharging
SLP085	449	'5978215_/_8061753_1'		4.2	10	10	1.344	1.6	10	4.83 No	1.344 Thermal Discharging
SLP085	450	'43824626_/_5971853'		2.6	6.67	6.67	0.896	1.1	6.67	3.22 No	0.896 Thermal Discharging
SLP085	451	'5969726_/_5969724'		1.2	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448 Thermal Discharging
SLP085	452	'43821943_/_5963453'		3.33	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448 Thermal Discharging
SLP085	453	'5969740_/_5969737'		1.2	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448 Thermal Discharging
SLP085	454	'43821611_/_5992264'		3.33	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448 Thermal Discharging
SLP085	455	'43821918_/_43821912'		3.33	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448 Thermal Discharging
SLP085	456	'131259254_/_5963262'		3.33	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448 Thermal Discharging
SLP085	457	'43822028_/_5964920'		1.47	3.33	3.33	0.448	0.3	3.33	1.61 No	0.3 Element Fault

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
											VSR (MW)	Limiting Threshold
SLP085	458	'611125913_/611125928'		1.3	3.33	3.33	0.448	0.55	3.33	1.61	No	0.448 Thermal Discharging
SLP085	459	'43822224_/43822215'		3.33	3.33	3.33	0.448	0.5	3.33	1.61	No	0.448 Thermal Discharging
SLP085	460	'5963252_/131259265'		3.33	3.33	3.33	0.448	0.5	3.33	1.61	No	0.448 Thermal Discharging
SLP085	461	'5962408_/43821613'		3.33	3.33	3.33	0.448	0.5	3.33	1.61	No	0.448 Thermal Discharging
SLP085	462	'5963306_/5964189'		3.33	3.33	3.33	0.448	0.5	3.33	1.61	No	0.448 Thermal Discharging
SLP085	463	'5962409_/5962406'		3.33	3.33	3.33	0.448	0.5	3.33	1.61	No	0.448 Thermal Discharging
SLP085	464	'5963251_/5963249'		3.33	3.33	3.33	0.448	0.5	3.33	1.61	No	0.448 Thermal Discharging
SLP085	465	'5978192_/5978212'		3.9	10	10	1.344	1.6	10	4.83	No	1.344 Thermal Discharging
SLP085	466	'43826121_/43826123'		3.33	3.33	3.33	0.448	0.5	3.33	1.61	No	0.448 Thermal Discharging
SLP085	467	'8371384_/8686804'		3.33	3.33	3.33	0.448	1.67	3.33	1.61	No	0.448 Thermal Discharging
SLP085	468	'611125900_/611125911'		1.3	3.33	3.33	0.448	0.55	3.33	1.61	No	0.448 Thermal Discharging
SLP085	469	'156625074_/8061191'		3.8	10	10	1.344	5	10	4.83	No	1.344 Thermal Discharging
SLP085	470	'611125954_/611125898'		1.3	3.33	3.33	0.448	0.55	3.33	1.61	No	0.448 Thermal Discharging
SLP085	471	'5963686_/5963683'		1.4	3.33	3.33	0.448	0.5	3.33	1.61	No	0.448 Thermal Discharging
SLP085	472	'5963239_/5994688'		3.33	3.33	3.33	0.448	0.5	3.33	1.61	No	0.448 Thermal Discharging
SLP085	473	'8371385_/8371382_1'		3.33	3.33	3.33	0.448	0.5	3.33	1.61	No	0.448 Thermal Discharging
SLP085	474	'5966070_/5966067'		1.5	3.33	3.33	0.448	0.5	3.33	1.61	No	0.448 Thermal Discharging
SLP085	475	'5963152_/8371382_2'		3.33	3.33	3.33	0.448	0.5	3.33	1.61	No	0.448 Thermal Discharging
SLP085	476	'5969753_/5969750'		1.13	3.33	3.33	0.448	0.5	3.33	1.61	No	0.448 Thermal Discharging
SLP085	477	'5978238_/5978235'		3.8	10	10	1.344	1.6	10	4.83	No	1.344 Thermal Discharging
SLP085	478	'43821899_/5963236'		3.33	3.33	3.33	0.448	0.5	3.33	1.61	No	0.448 Thermal Discharging
SLP085	479	'43821932_/5963411'		3.33	3.33	3.33	0.448	0.5	3.33	1.61	No	0.448 Thermal Discharging
SLP085	480	'5964936_/5964933'		1.37	3.33	3.33	0.448	0.3	3.33	1.61	No	0.3 Element Fault
SLP085	481	'43821898_/5963223'		3.33	3.33	3.33	0.448	0.5	3.33	1.61	No	0.448 Thermal Discharging
SLP085	482	'43825724_/5977456'		3.33	3.33	3.33	0.448	0.5	3.33	1.61	No	0.448 Thermal Discharging
SLP085	483	'5963469_/5963466'		3.33	3.33	3.33	0.448	0.5	3.33	1.61	No	0.448 Thermal Discharging
SLP085	484	'5963139_/5963149'		3.33	3.33	3.33	0.448	0.5	3.33	1.61	No	0.448 Thermal Discharging
SLP085	485	'5992830_/43822226'		3.33	3.33	3.33	0.448	0.5	3.33	1.61	No	0.448 Thermal Discharging
SLP085	486	'353903165_/353903184_2_1'		3.33	3.33	3.33	0.448	0.3	3.33	1.61	No	0.3 Element Fault
SLP085	487	'7427175_/7427172'		3.6	10	10	1.344	5	10	4.83	No	1.344 Thermal Discharging
SLP085	488	'37943531_/37943528'		3.33	3.33	3.33	0.448	1.67	3.33	1.61	No	0.448 Thermal Discharging
SLP085	489	'5978191_/5978189'		3.5	10	10	1.344	1.6	10	4.83	No	1.344 Thermal Discharging
SLP085	490	'37943517_/37943521'		3.33	3.33	3.33	0.448	1.67	3.33	1.61	No	0.448 Thermal Discharging
SLP085	491	'5978497_/5978495'		3.33	3.33	3.33	0.448	0.5	3.33	1.61	No	0.448 Thermal Discharging
SLP085	492	'5963699_/5963696'		1.3	3.33	3.33	0.448	0.5	3.33	1.61	No	0.448 Thermal Discharging
SLP085	493	'43821921_/5963304'		3.33	3.33	3.33	0.448	0.5	3.33	1.61	No	0.448 Thermal Discharging
SLP085	494	'7737030_/7737027'		3.5	10	10	1.344	5	10	4.83	No	1.344 Thermal Discharging
SLP085	495	'5963886_/7737047_2'		3.33	3.33	3.33	0.448	1.67	3.33	1.61	No	0.448 Thermal Discharging
SLP085	496	'5963168_/5963165'		3.33	3.33	3.33	0.448	0.5	3.33	1.61	No	0.448 Thermal Discharging
SLP085	497	'5966099_/5966096'		1.37	3.33	3.33	0.448	0.5	3.33	1.61	No	0.448 Thermal Discharging
SLP085	498	'5978404_/9004223_2'		3.33	3.33	3.33	0.448	1.67	3.33	1.61	No	0.448 Thermal Discharging
SLP085	499	'5963388_/5963398'		3.33	3.33	3.33	0.448	0.5	3.33	1.61	No	0.448 Thermal Discharging
SLP085	500	'43822190_/7737047_1'		3.33	3.33	3.33	0.448	0.5	3.33	1.61	No	0.448 Thermal Discharging
SLP085	501	'43822179_/9004223_1'		3.33	3.33	3.33	0.448	0.5	3.33	1.61	No	0.448 Thermal Discharging
SLP085	502	'37943832_/8061533'		3.3	10	10	1.344	5	10	4.83	No	1.344 Thermal Discharging
SLP085	503	'5964949_/5964946'		1.27	3.33	3.33	0.448	0.3	3.33	1.61	No	0.3 Element Fault
SLP085	504	'7737090_/9628855'		3.33	3.33	3.33	0.448	1.67	3.33	1.61	No	0.448 Thermal Discharging
SLP085	505	'5963375_/5963385'		3.33	3.33	3.33	0.448	0.5	3.33	1.61	No	0.448 Thermal Discharging
SLP085	506	'7737557_/8371398'		1.97	3.33	3.33	0.448	1.67	3.33	1.61	No	0.448 Thermal Discharging
SLP085	507	'5963951_/5992828'		3.33	3.33	3.33	0.448	0.5	3.33	1.61	No	0.448 Thermal Discharging
SLP085	508	'43821877_/5963136'		3.33	3.33	3.33	0.448	0.5	3.33	1.61	No	0.448 Thermal Discharging
SLP085	509	'7737089_/7737087_2'		3.33	3.33	3.33	0.448	1.67	3.33	1.61	No	0.448 Thermal Discharging
SLP085	510	'5963485_/5963482'		3.33	3.33	3.33	0.448	0.5	3.33	1.61	No	0.448 Thermal Discharging
SLP085	511	'5991999_/7737087_1'		3.33	3.33	3.33	0.448	0.5	3.33	1.61	No	0.448 Thermal Discharging
SLP085	512	'43822168_/5978401'		3.33	3.33	3.33	0.448	0.5	3.33	1.61	No	0.448 Thermal Discharging
SLP085	513	'5977472_/5977469'		3.33	3.33	3.33	0.448	0.5	3.33	1.61	No	0.448 Thermal Discharging
SLP085	514	'43826401_/5979237'		1.2	3.33	3.33	0.448	0.5	3.33	1.61	No	0.448 Thermal Discharging
SLP085	515	'43826513_/5966109'		1.3	3.33	3.33	0.448	0.5	3.33	1.61	No	0.448 Thermal Discharging
SLP085	516	'5963032_/5991996'		3.33	3.33	3.33	0.448	0.5	3.33	1.61	No	0.448 Thermal Discharging
SLP085	517	'43826040_/5978077'		3.33	3.33	3.33	0.448	0.5	3.33	1.61	No	0.448 Thermal Discharging
SLP085	518	'5964962_/5964959'		1.2	3.33	3.33	0.448	0.3	3.33	1.61	No	0.3 Element Fault
SLP085	519	'5978302_/5978300'		3.1	10	10	1.344	1.6	10	4.83	No	1.344 Thermal Discharging
SLP085	520	'63263559_/63263529_1'		3.1	10	10	1.344	1	10	4.83	No	1 Element Fault
SLP085	521	'43822202_/43822192'		3.33	3.33	3.33	0.448	0.5	3.33	1.61	No	0.448 Thermal Discharging
SLP085	522	'8685997_/8685994'		3.1	10	10	1.344	5	10	4.83	No	1.344 Thermal Discharging
SLP085	523	'5963320_/43821923'		2.07	3.33	3.33	0.448	0.5	3.33	1.61	No	0.448 Thermal Discharging
SLP085	524	'5977488_/5977485'		3.33	3.33	3.33	0.448	0.5	3.33	1.61	No	0.448 Thermal Discharging
SLP085	525	'5963362_/5963372'		2.13	3.33	3.33	0.448	0.5	3.33	1.61	No	0.448 Thermal Discharging
SLP085	526	'63263522_/63263529_2'		3	10	10	1.344	1	10	4.83	No	1 Element Fault
SLP085	527	'5963711_/5979250'		1.17	3.33	3.33	0.448	0.5	3.33	1.61	No	0.448 Thermal Discharging
SLP085	528	'7427159_/7737555'		1.53	3.33	3.33	0.448	1.67	3.33	1.61	No	0.448 Thermal Discharging
SLP085	529	'5963952_/5963949'		3.33	3.33	3.33	0.448	0.5	3.33	1.61	No	0.448 Thermal Discharging
SLP085	530	'7427158_/7427156_2'		1.5	3.33	3.33	0.448	1.67	3.33	1.61	No	0.448 Thermal Discharging
SLP085	531	'5964978_/5964975'		1.13	3.33	3.33	0.448	0.3	3.33	1.61	No	0.3 Element Fault
SLP085	532	'43821855_/5963029'		3.33	3.33	3.33	0.448	0.5	3.33	1.61	No	0.448 Thermal Discharging
SLP085	533	'5963183_/5978090'		3.33	3.33	3.33	0.448	0.5	3.33	1.61	No	0.448 Thermal Discharging
SLP085	534	'5962554_/7427156_1'		1.5	3.33	3.33	0.448	0.5	3.33	1.61	No	0.448 Thermal Discharging
SLP085	535	'5963113_/5963123'		3.33	3.33	3.33	0.448	0.5	3.33	1.61	No	0.448 Thermal Discharging
SLP085	536	'5993223_/5993220'		3.33	3.33	3.33	0.448	0.5	3.33	1.61	No	0.448 Thermal Discharging
SLP085	537	'44982406_/5966080'		1.2	3.33	3.33	0.448	0.5	3.33	1.61	No	0.448 Thermal Discharging
SLP085	538	'5963361_/5963359'		1.8	3.33	3.33	0.448	0.5	3.33	1.61	No	0.448 Thermal Discharging
SLP085	539	'5963793_/5978333'		3.33	3.33	3.33	0.448	0.5	3.33	1.61	No	0.448 Thermal Discharging
SLP085	540	'8061299_/9318424'		2.9	10	10	1.344	5	10	4.83	No	1.344 Thermal Discharging
SLP085	541	'43826718_/5986184'		1.73	3.33	3.33	0.448	0.5	3.33	1.61	No	0.448 Thermal Discharging
SLP085	542	'5963712_/5963709'		1.1	3.33	3.33	0.448	0.5	3.33	1.61	No	0.448 Thermal Discharging
SLP085	543	'5963333_/5963330'		1.67	3.33	3.33	0.448	0.5	3.33	1.61	No	0.448 Thermal Discharging
SLP085	544	'5966855_/5991983'		1.37	3.33	3.33	0.448	0.5	3.33	1.61	No	0.448 Thermal Discharging
SLP085	545	'5963899_/5978284'		3.33	3.33	3.33	0.448	0.5	3.33	1.61	No	0.448 Thermal Discharging
SLP085	546	'43827079_/5992482'		3.33	3.33	3.33	0.448	0.5	3.33	1.61	No	0.448 Thermal Discharging
SLP085	547	'5963184_/5963181'		3.33	3.33	3.33	0.448	0.5	3.33	1.61	No	0.448 Thermal Discharging
SLP085	548	'5992432_/5992430'		3.33	3.33	3.33	0.448	0.5	3.33	1.61	No	0.448 Thermal Discharging
SLP085	549	'43822039_/5964988'		1.1	3.33	3.33	0.448	0.3	3.33	1.61	No	0.3 Element Fault
SLP085	550	'43827173_/5993236'		3.33	3.33	3.33	0.448	0.5	3.33	1.61	No	0.448 Thermal Discharging
SLP085	551	'67858208_/67858211'		1.57	3.33	3.33	0.448	0.5	3.33	1.61	No	0.448 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SLP085	552	'43821644_/_5962552'	1.3	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448	Thermal Discharging
SLP085	553	'5963780_/_5963790'	3.33	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448	Thermal Discharging
SLP085	554	'8061300_/_8061297'	2.7	10	10	1.344	5	10	4.83 No	1.344	Thermal Discharging
SLP085	555	'43822044_/_43822041'	1.07	3.33	3.33	0.448	0.3	3.33	1.61 No	0.3	Element Fault
SLP085	556	'8061320_/_8061317'	2.7	10	10	1.344	5	10	4.83 No	1.344	Thermal Discharging
SLP085	557	'5963100_/_5963110'	3.33	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448	Thermal Discharging
SLP085	558	'9629122_/_9629197_2'	2.4	10	10	1.344	5.5	10	4.83 No	1.344	Thermal Discharging
SLP085	559	'5968276_/_9629197_1'	2.4	10	10	1.344	5.5	10	4.83 No	1.344	Thermal Discharging
SLP085	560	'5963764_/_5963777'	3.33	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448	Thermal Discharging
SLP085	561	'5963044_/_5993249'	3.33	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448	Thermal Discharging
SLP085	562	'5967292_/_5968274'	2.4	10	10	1.344	5.5	10	4.83 No	1.344	Thermal Discharging
SLP085	563	'67858209_/_5986200'	1.43	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448	Thermal Discharging
SLP085	564	'8061340_/_8061337'	2.7	10	10	1.344	5	10	4.83 No	1.344	Thermal Discharging
SLP085	565	'5963725_/_5963722'	1	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448	Thermal Discharging
SLP085	566	'37943461_/_37943465'	3.33	3.33	3.33	0.448	1.67	3.33	1.61 No	0.448	Thermal Discharging
SLP085	567	'5967293_/_5967290'	2.4	10	10	1.344	5.5	10	4.83 No	1.344	Thermal Discharging
SLP085	568	'43822135_/_5963346'	1.43	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448	Thermal Discharging
SLP085	569	'5992544_/_5992542'	3.33	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448	Thermal Discharging
SLP085	570	'43827000_/_5966852'	1.17	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448	Thermal Discharging
SLP085	571	'7736958_/_7736955_1'	0.8	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448	Thermal Discharging
SLP085	572	'8062357_/_8686788'	1.2	3.33	3.33	0.448	1.67	3.33	1.61 No	0.448	Thermal Discharging
SLP085	573	'5967310_/_5967307'	2.4	10	10	1.344	5.5	10	4.83 No	1.344	Thermal Discharging
SLP085	574	'43827084_/_43827081'	3.33	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448	Thermal Discharging
SLP085	575	'130367484_/_130367502'	2.5	10	10	1.344	1	10	4.83 No	1	Element Fault
SLP085	576	'7426421_/_9005011_2'	1.2	3.33	3.33	0.448	1.67	3.33	1.61 No	0.448	Thermal Discharging
SLP085	577	'5963900_/_5963897'	3.33	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448	Thermal Discharging
SLP085	578	'5992015_/_9005011_1'	1.2	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448	Thermal Discharging
SLP085	579	'5967327_/_5967324'	2.4	10	10	1.344	5.5	10	4.83 No	1.344	Thermal Discharging
SLP085	580	'43821888_/_5963197'	2.6	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448	Thermal Discharging
SLP085	581	'5963751_/_5963761'	3.33	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448	Thermal Discharging
SLP085	582	'7427024_/_7427022_1'	2.4	10	10	1.344	1.5	10	4.83 No	1.344	Thermal Discharging
SLP085	583	'51250374_/_5968184'	2.4	10	10	1.344	5.5	10	4.83 No	1.344	Thermal Discharging
SLP085	584	'72500030_/_67959282_1'	2.4	10	10	1.344	5.5	10	4.83 No	1.344	Thermal Discharging
SLP085	585	'51250509_/_51250445'	2.4	10	10	1.344	5.5	10	4.83 No	1.344	Thermal Discharging
SLP085	586	'5963045_/_5963042'	3.33	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448	Thermal Discharging
SLP085	587	'51250578_/_51250523_1'	2.4	10	10	1.344	1.7	10	4.83 No	1.344	Thermal Discharging
SLP085	588	'5963084_/_5963097'	2.3	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448	Thermal Discharging
SLP085	589	'5963058_/_5963055'	2.37	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448	Thermal Discharging
SLP085	590	'51250516_/_51250523_2'	2.3	10	10	1.344	1.7	10	4.83 No	1.344	Thermal Discharging
SLP085	591	'43821655_/_5962565'	1.1	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448	Thermal Discharging
SLP085	592	'43826524_/_5966122'	0.97	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448	Thermal Discharging
SLP085	593	'67959277_/_67959282_2'	2.3	10	10	1.344	5.5	10	4.83 No	1.344	Thermal Discharging
SLP085	594	'5966193_/_5992012'	1.1	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448	Thermal Discharging
SLP085	595	'37943410_/_7736955_2'	0.8	3.3	3.33	0.448	0.5	3.33	1.61 No	0.448	Thermal Discharging
SLP085	596	'37943405_/_37943409'	0.57	1.8	3.33	0.448	0.5	3.33	1.61 No	0.448	Thermal Discharging
SLP085	597	'37943377_/_37943381'	0.57	1.83	3.33	0.448	0.5	3.33	1.61 No	0.448	Thermal Discharging
SLP085	598	'5965104_/_43822137'	1.3	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448	Thermal Discharging
SLP085	599	'43821866_/_5963081'	2.03	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448	Thermal Discharging
SLP085	600	'7737316_/_9004525'	2.5	10	10	1.344	5	10	4.83 No	1.344	Thermal Discharging
SLP085	601	'5963913_/_5963910'	3.33	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448	Thermal Discharging
SLP085	602	'67959176_/_67959328'	2.3	9.9	10	1.344	5.5	10	4.83 No	1.344	Thermal Discharging
SLP085	603	'403754230_/_67959173'	2.3	9.9	10	1.344	5.5	10	4.83 No	1.344	Thermal Discharging
SLP085	604	'67959162_/_67959166'	1.53	6.6	6.67	0.896	0.7	6.67	3.22 No	0.7	Element Fault
SLP085	605	'67959204_/_67959201'	2.3	9.9	10	1.344	5.5	10	4.83 No	1.344	Thermal Discharging
SLP085	606	'67959190_/_67959194'	2.3	9.9	10	1.344	5.5	10	4.83 No	1.344	Thermal Discharging
SLP085	607	'8061776_/_9004545_1'	3.33	3.33	3.33	0.448	0.3	3.33	1.61 No	0.3	Element Fault
SLP085	608	'5963750_/_5963748'	3.33	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448	Thermal Discharging
SLP085	609	'89852545_/_109836704_1'	1.07	3.33	3.33	0.448	0.3	3.33	1.61 No	0.3	Element Fault
SLP085	610	'5966841_/_5966839'	1.07	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448	Thermal Discharging
SLP085	611	'5992724_/_5992734'	2	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448	Thermal Discharging
SLP085	612	'43826952_/_5992165'	1.07	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448	Thermal Discharging
SLP085	613	'8376084_/_8376082'	0.57	1.8	3.33	0.448	0.5	3.33	1.61 No	0.448	Thermal Discharging
SLP085	614	'7426754_/_9629139'	2.4	10	10	1.344	5	10	4.83 No	1.344	Thermal Discharging
SLP085	615	'5963926_/_5963923'	3.33	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448	Thermal Discharging
SLP085	616	'87139488_/_109836704_2'	1.03	3.33	3.33	0.448	0.3	3.33	1.61 No	0.3	Element Fault
SLP085	617	'8062358_/_8062355_1'	1.07	3.33	3.33	0.448	1.67	3.33	1.61 No	0.448	Thermal Discharging
SLP085	618	'8061724_/_8061721_2'	3.33	3.33	3.33	0.448	1.67	3.33	1.61 No	0.448	Thermal Discharging
SLP085	619	'114656394_/_8062355_2'	1.07	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448	Thermal Discharging
SLP085	620	'7426755_/_7426752'	2.4	10	10	1.344	5	10	4.83 No	1.344	Thermal Discharging
SLP085	621	'43822113_/_5963068'	1.93	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448	Thermal Discharging
SLP085	622	'5963213_/_5963210'	1.83	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448	Thermal Discharging
SLP085	623	'5992723_/_5992721'	1.87	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448	Thermal Discharging
SLP085	624	'43822146_/_5978388'	1.2	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448	Thermal Discharging
SLP085	625	'9004492_/_9004489'	2.4	10	10	1.344	5	10	4.83 No	1.344	Thermal Discharging
SLP085	626	'5963737_/_43826526'	0.9	3.17	3.33	0.448	0.5	3.33	1.61 No	0.448	Thermal Discharging
SLP085	627	'5978258_/_5978255'	3.33	3.33	3.33	0.448	0.53	3.33	1.61 No	0.448	Thermal Discharging
SLP085	628	'5962499_/_8062355_3'	1.03	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448	Thermal Discharging
SLP085	629	'115057657_/_8061721_1'	3.33	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448	Thermal Discharging
SLP085	630	'67089650_/_9005027_1'	1.03	3.33	3.33	0.448	0.3	3.33	1.61 No	0.3	Element Fault
SLP085	631	'43826635_/_5966190'	1.03	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448	Thermal Discharging
SLP085	632	'67959405_/_67959495'	0.7	3.1	3.33	0.448	0.35	3.33	1.61 No	0.35	Element Fault
SLP085	633	'5962581_/_5962578'	1	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448	Thermal Discharging
SLP085	634	'70285238_/_9005027_2'	1	3.33	3.33	0.448	0.3	3.33	1.61 No	0.3	Element Fault
SLP085	635	'45081087_/_5965056'	1.77	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448	Thermal Discharging
SLP085	636	'8062228_/_67959786'	0.7	3	3.33	0.448	0.35	3.33	1.61 No	0.35	Element Fault
SLP085	637	'5991814_/_5991824'	0.97	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448	Thermal Discharging
SLP085	638	'649034763_/_649034779'	2.1	9	10	1.344	1.7	10	4.83 No	1.344	Thermal Discharging
SLP085	639	'70284257_/_8062303'	0.97	3.33	3.33	0.448	0.3	3.33	1.61 No	0.3	Element Fault
SLP085	640	'44982363_/_5978317'	1.13	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448	Thermal Discharging
SLP085	641	'5965075_/_5965072'	1.6	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448	Thermal Discharging
SLP085	642	'5963738_/_5963735'	0.87	2.97	3.33	0.448	0.5	3.33	1.61 No	0.448	Thermal Discharging
SLP085	643	'43826729_/_5991811'	0.97	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448	Thermal Discharging
SLP085	644	'43826078_/_43826954'	0.97	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448	Thermal Discharging
SLP085	645	'5962500_/_5962497'	0.97	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SLP085	646	'5962529_/_5966174'		0.93	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448 Thermal Discharging
SLP085	647	'5963805_/_5978271'		3.33	3.33	3.33	0.448	0.53	3.33	1.61 No	0.448 Thermal Discharging
SLP085	648	'5962597_/_5962594'		0.93	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448 Thermal Discharging
SLP085	649	'5962915_/_5962925'		3.33	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448 Thermal Discharging
SLP085	650	'43826919_/_5992077'		0.93	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448 Thermal Discharging
SLP085	651	'5965088_/_43822126'		1.5	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448 Thermal Discharging
SLP085	652	'5978179_/_5991795'		0.97	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448 Thermal Discharging
SLP085	653	'37943797_/_37943801'		2.2	9.8	10	1.344	5	10	4.83 No	1.344 Thermal Discharging
SLP085	654	'37943804_/_7737313'		2.2	9.9	10	1.344	5	10	4.83 No	1.344 Thermal Discharging
SLP085	655	'5962515_/_5992090'		0.93	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448 Thermal Discharging
SLP085	656	'5978178_/_43826088'		0.93	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448 Thermal Discharging
SLP085	657	'43822017_/_5964855'		0.83	2.83	3.33	0.448	0.5	3.33	1.61 No	0.448 Thermal Discharging
SLP085	658	'9004548_/_9004545_2'		3.33	3.33	3.33	0.448	0.3	3.33	1.61 No	0.3 Element Fault
SLP085	659	'5962901_/_5962912'		3.33	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448 Thermal Discharging
SLP085	660	'5986131_/_5986145'		0.9	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448 Thermal Discharging
SLP085	661	'43821789_/_5962513'		0.93	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448 Thermal Discharging
SLP085	662	'43821822_/_5963803'		3.33	3.33	3.33	0.448	0.53	3.33	1.61 No	0.448 Thermal Discharging
SLP085	663	'5962528_/_5962526'		0.87	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448 Thermal Discharging
SLP085	664	'5962863_/_5962860'		0.93	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448 Thermal Discharging
SLP085	665	'7426269_/_8686110'		0.9	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448 Thermal Discharging
SLP085	666	'7427025_/_7427022_2'		1.9	7.9	10	1.344	1.5	10	4.83 No	1.344 Thermal Discharging
SLP085	667	'8686600_/_9319216'		0.63	2.67	3.33	0.448	0.35	3.33	1.61 No	0.35 Element Fault
SLP085	668	'53555444_/_5962873_1'		0.9	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448 Thermal Discharging
SLP085	669	'5962876_/_5962873_2'		0.9	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448 Thermal Discharging
SLP085	670	'319258276_/_9318408'		0.57	1.87	3.33	0.448	0.5	3.33	1.61 No	0.448 Thermal Discharging
SLP085	671	'5962714_/_344849740'		0.57	1.87	3.33	0.448	0.5	3.33	1.61 No	0.448 Thermal Discharging
SLP085	672	'8061177_/_8061175_1'		0.57	1.87	3.33	0.448	0.3	3.33	1.61 No	0.3 Element Fault
SLP085	673	'53555424_/_53555017_2'		0.9	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448 Thermal Discharging
SLP085	674	'43821778_/_5962886'		0.9	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448 Thermal Discharging
SLP085	675	'8686601_/_8686598'		0.63	2.63	3.33	0.448	0.35	3.33	1.61 No	0.35 Element Fault
SLP085	676	'5962902_/_5962899'		3.33	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448 Thermal Discharging
SLP085	677	'8061178_/_8061175_2'		0.57	1.87	3.33	0.448	0.3	3.33	1.61 No	0.3 Element Fault
SLP085	678	'5963819_/_5963816'		3.33	3.33	3.33	0.448	0.53	3.33	1.61 No	0.448 Thermal Discharging
SLP085	679	'5962889_/_43821780'		0.9	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448 Thermal Discharging
SLP085	680	'357017813_/_357017810'		0.9	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448 Thermal Discharging
SLP085	681	'7426268_/_7426266'		0.87	3.33	3.33	0.448	0.3	3.33	1.61 No	0.3 Element Fault
SLP085	682	'5962541_/_5986129'		0.83	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448 Thermal Discharging
SLP085	683	'51250644_/_251884918'		0.77	2.57	3.33	0.448	0.35	3.33	1.61 No	0.35 Element Fault
SLP085	684	'5962701_/_5962711'		0.57	1.87	3.33	0.448	0.5	3.33	1.61 No	0.448 Thermal Discharging
SLP085	685	'344849712_/_51250670_1'		0.6	1.87	3.33	0.448	0.3	3.33	1.61 No	0.3 Element Fault
SLP085	686	'5964105_/_5964868'		0.77	2.53	3.33	0.448	0.5	3.33	1.61 No	0.448 Thermal Discharging
SLP085	687	'8061213_/_8061211'		0.83	3.33	3.33	0.448	0.3	3.33	1.61 No	0.3 Element Fault
SLP085	688	'5962542_/_5962539'		0.77	3.33	3.33	0.448	0.5	3.33	1.61 No	0.448 Thermal Discharging
SLP085	689	'43821710_/_43821712'		0.6	1.9	3.33	0.448	0.5	3.33	1.61 No	0.448 Thermal Discharging
SLP085	690	'5963832_/_5963829'		3.33	3.33	3.33	0.448	0.53	3.33	1.61 No	0.448 Thermal Discharging
SLP085	691	'5962675_/_5962685'		0.6	1.9	3.33	0.448	0.5	3.33	1.61 No	0.448 Thermal Discharging
SLP085	692	'53555010_/_53555017_1'		0.8	3.33	3.33	0.448	0.3	3.33	1.61 No	0.3 Element Fault
SLP085	693	'5964224_/_5964221'		1.73	3.33	3.33	0.448	0.53	3.33	1.61 No	0.448 Thermal Discharging
SLP085	694	'5962662_/_5962672'		0.6	1.9	3.33	0.448	0.5	3.33	1.61 No	0.448 Thermal Discharging
SLP085	695	'37943790_/_37943794'		0.77	3.33	3.33	0.448	1.67	3.33	1.61 No	0.448 Thermal Discharging
SLP085	696	'43821699_/_43821701'		0.6	1.9	3.33	0.448	0.5	3.33	1.61 No	0.448 Thermal Discharging
SLP085	697	'5964106_/_5964103'		0.67	2.23	3.33	0.448	0.5	3.33	1.61 No	0.448 Thermal Discharging
SLP085	698	'5962636_/_5962646'		0.6	1.93	3.33	0.448	0.5	3.33	1.61 No	0.448 Thermal Discharging
SLP085	699	'43821688_/_43821690'		0.6	1.93	3.33	0.448	0.5	3.33	1.61 No	0.448 Thermal Discharging
SLP085	700	'397271293_/_59641119'		0.63	2.1	3.33	0.448	0.5	3.33	1.61 No	0.448 Thermal Discharging
SLP085	701	'5962461_/_5962620'		0.6	1.93	3.33	0.448	0.5	3.33	1.61 No	0.448 Thermal Discharging
SLP085	702	'5962448_/_5962458'		0.6	1.97	3.33	0.448	0.5	3.33	1.61 No	0.448 Thermal Discharging
SLP085	703	'5962609_/_5962607'		0.6	1.97	3.33	0.448	0.5	3.33	1.61 No	0.448 Thermal Discharging
SLP085	704	'5962435_/_5962445'		0.6	1.97	3.33	0.448	0.5	3.33	1.61 No	0.448 Thermal Discharging
SLP085	705	'43821633_/_5962471'		0.6	1.97	3.33	0.448	0.5	3.33	1.61 No	0.448 Thermal Discharging
SLP085	706	'5962474_/_469834786_1'		0.6	1.97	3.33	0.448	0.2	3.33	1.61 No	0.2 Element Fault
SLP085	707	'5967179_/_5967232'		0.6	1.97	3.33	0.448	0.5	3.33	1.61 No	0.448 Thermal Discharging
SLP085	708	'5962422_/_5962432'		0.6	2	3.33	0.448	0.5	3.33	1.61 No	0.448 Thermal Discharging
SLP085	709	'5965046_/_8686162'		0.67	2.8	3.33	0.448	1.67	3.33	1.61 No	0.448 Thermal Discharging
SLP085	710	'469834804_/_469834786_2'		0.6	2	3.33	0.448	0.2	3.33	1.61 No	0.2 Element Fault
SLP085	711	'5962821_/_5962818_2'		0.67	2.77	3.33	0.448	1.1	3.33	1.61 No	0.448 Thermal Discharging
SLP085	712	'5962421_/_5962419'		0.6	2	3.33	0.448	0.5	3.33	1.61 No	0.448 Thermal Discharging
SLP085	713	'5967180_/_5967177'		0.6	2	3.33	0.448	0.5	3.33	1.61 No	0.448 Thermal Discharging
SLP085	714	'9628773_/_9628771'		0.6	2	3.33	0.448	0.2	3.33	1.61 No	0.2 Element Fault
SLP085	715	'5967166_/_5967219'		0.6	2	3.33	0.448	0.5	3.33	1.61 No	0.448 Thermal Discharging
SLP085	716	'43821754_/_5962818_1'		0.63	2.57	3.33	0.448	0.5	3.33	1.61 No	0.448 Thermal Discharging
SLP085	717	'43821622_/_5978064'		0.6	2	3.33	0.448	0.5	3.33	1.61 No	0.448 Thermal Discharging
SLP085	718	'37943384_/_37943388'		0.6	2.1	3.33	0.448	0.5	3.33	1.61 No	0.448 Thermal Discharging
SLP085	719	'37943391_/_8376066'		0.63	2.4	3.33	0.448	1.67	3.33	1.61 No	0.448 Thermal Discharging
SLP085	720	'5962795_/_5962805'		0.6	2.37	3.33	0.448	0.5	3.33	1.61 No	0.448 Thermal Discharging
SLP085	721	'43826029_/_43826031'		0.6	1.93	3.33	0.448	0.5	3.33	1.61 No	0.448 Thermal Discharging
SLP085	722	'43821666_/_5967277'		0.6	1.87	3.33	0.448	0.5	3.33	1.61 No	0.448 Thermal Discharging
SLP085	723	'5962782_/_5962792'		0.6	2.27	3.33	0.448	0.5	3.33	1.61 No	0.448 Thermal Discharging
SLP085	724	'43821743_/_43821745'		0.57	2.13	3.33	0.448	0.5	3.33	1.61 No	0.448 Thermal Discharging
SLP085	725	'37943818_/_37943822'		0.47	2.17	3.33	0.448	1.67	3.33	1.61 No	0.448 Thermal Discharging
SLP085	726	'358908466_/_358908485'		0.6	1.77	3.33	0.448	0.2	3.33	1.61 No	0.2 Element Fault
SLP085	727	'5968260_/_8376298_2'		0.47	2.13	3.33	0.448	1.67	3.33	1.61 No	0.448 Thermal Discharging
SLP085	728	'43822608_/_8376298_1'		0.47	2.13	3.33	0.448	0.5	3.33	1.61 No	0.448 Thermal Discharging
SLP085	729	'5968261_/_43822610'		0.47	2.13	3.33	0.448	0.5	3.33	1.61 No	0.448 Thermal Discharging
SLP085	730	'5967192_/_43821668'		0.57	1.73	3.33	0.448	0.5	3.33	1.61 No	0.448 Thermal Discharging
SLP085	731	'5962756_/_5962766'		0.53	2	3.33	0.448	0.5	3.33	1.61 No	0.448 Thermal Discharging
SLP085	732	'8376317_/_8376314'		0.47	2.03	3.33	0.448	1.67	3.33	1.61 No	0.448 Thermal Discharging
SLP085	733	'5962834_/_5962831'		0.53	1.97	3.33	0.448	0.5	3.33	1.61 No	0.448 Thermal Discharging
SLP085	734	'5967193_/_5967190'		0.57	1.7	3.33	0.448	0.5	3.33	1.61 No	0.448 Thermal Discharging
SLP085	735	'5962743_/_5962753'		0.53	1.93	3.33	0.448	0.5	3.33	1.61 No	0.448 Thermal Discharging
SLP085	736	'5967209_/_43821679'		0.53	1.63	3.33	0.448	0.5	3.33	1.61 No	0.448 Thermal Discharging
SLP085	737	'5962847_/_5962844'		0.53	1.87	3.33	0.448	0.5	3.33	1.61 No	0.448 Thermal Discharging
SLP085	738	'43821721_/_43821723'		0.5	1.83	3.33	0.448	0.5	3.33	1.61 No	0.448 Thermal Discharging
SLP085	739	'44982122_/_5962727'		0.5	1.77	3.33	0.448	0.5	3.33	1.61 No	0.448 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SLP086		0 'SLP086_/7736837'		10	10	10	2.016	10	10	6.84 No	2.016 Thermal Discharging
SLP086		1 '7736839_/7736837'		10	10	10	2.016	10	10	6.84 No	2.016 Thermal Discharging
SLP086		2 '7487548_/8122980'		10	10	10	2.016	10	10	6.84 No	2.016 Thermal Discharging
SLP086		3 '7487549_/7487546'		10	10	10	2.016	10	10	6.84 No	2.016 Thermal Discharging
SLP086		4 '7807059_/7807056'		10	10	10	2.016	10	10	6.84 No	2.016 Thermal Discharging
SLP086		5 '7807079_/7807076'		10	10	10	2.016	10	10	6.84 No	2.016 Thermal Discharging
SLP086		6 '8123034_/8123032'		10	10	10	2.016	10	10	6.84 No	2.016 Thermal Discharging
SLP086		7 '64629364_/8685918'		10	10	10	2.016	10	10	6.84 No	2.016 Thermal Discharging
SLP086		8 '64629449_/64629408_1'		10	10	10	2.016	10	10	6.84 No	2.016 Thermal Discharging
SLP086		9 '70284220_/64629408_2'		10	10	10	2.016	10	10	6.84 No	2.016 Thermal Discharging
SLP086		10 '5960007_/64629333'		10	10	10	2.016	10	10	6.84 No	2.016 Thermal Discharging
SLP086		11 '43817216_/5960005'		10	10	10	2.016	10	10	6.84 No	2.016 Thermal Discharging
SLP086		12 '5953320_/43817218'		10	10	10	2.016	10	10	6.84 No	2.016 Thermal Discharging
SLP086		13 '5955653_/5955650'		10	10	10	2.016	10	10	6.84 No	2.016 Thermal Discharging
SLP086		14 '5953321_/5953334_2'	3.33		3.33	3.33	0.672	1.1	3.33	2.28 No	0.672 Thermal Discharging
SLP086		15 '5955670_/5955667'		10	10	10	2.016	10	10	6.84 No	2.016 Thermal Discharging
SLP086		16 '5943196_/5955744'		10	10	10	2.016	10	10	6.84 No	2.016 Thermal Discharging
SLP086		17 '43817621_/5943194'		10	10	10	2.016	10	10	6.84 No	2.016 Thermal Discharging
SLP086		18 '5943214_/5943211'		10	10	10	2.016	10	10	6.84 No	2.016 Thermal Discharging
SLP086		19 '5943231_/5943228'		10	10	10	2.016	10	10	6.84 No	2.016 Thermal Discharging
SLP086		20 '43817634_/5943245'		10	10	10	2.016	10	10	6.84 No	2.016 Thermal Discharging
SLP086		21 '5949266_/43817636'		10	10	10	2.016	10	10	6.84 No	2.016 Thermal Discharging
SLP086		22 '5943299_/5949280'		10	10	10	2.016	10	10	6.84 No	2.016 Thermal Discharging
SLP086		23 '5949317_/5949314'		10	10	10	2.016	10	10	6.84 No	2.016 Thermal Discharging
SLP086		24 '5942119_/5953334_1'	3.33		3.33	3.33	0.672	0.5	3.33	2.28 No	0.5 Element Fault
SLP086		25 '43818742_/5943297'		10	10	10	2.016	10	10	6.84 No	2.016 Thermal Discharging
SLP086		26 '5943300_/5943314_1'		10	10	10	2.016	10	10	6.84 No	2.016 Thermal Discharging
SLP086		27 '43818729_/5943314_2'		10	10	10	2.016	10	10	6.84 No	2.016 Thermal Discharging
SLP086		28 '5942132_/43818731'		10	10	10	2.016	10	10	6.84 No	2.016 Thermal Discharging
SLP086		29 '5943057_/5943277'		10	10	10	2.016	10	10	6.84 No	2.016 Thermal Discharging
SLP086		30 '43817647_/5942845'		10	10	10	2.016	10	10	6.84 No	2.016 Thermal Discharging
SLP086		31 '5943058_/5943055'		10	10	10	2.016	10	10	6.84 No	2.016 Thermal Discharging
SLP086		32 '5942085_/5942116'	3.33		3.33	3.33	0.672	0.5	3.33	2.28 No	0.5 Element Fault
SLP086		33 '5942151_/5942149_1'	3.33		3.33	3.33	0.672	0.5	3.33	2.28 No	0.5 Element Fault
SLP086		34 '5943075_/5943072'		10	10	10	2.016	10	10	6.84 No	2.016 Thermal Discharging
SLP086		35 '5942224_/5943089'		10	10	10	2.016	10	10	6.84 No	2.016 Thermal Discharging
SLP086		36 '5942868_/5942865'		10	10	10	2.016	10	10	6.84 No	2.016 Thermal Discharging
SLP086		37 '5942772_/5942770'	3.33		3.33	3.33	0.672	3.33	3.33	2.28 No	0.672 Thermal Discharging
SLP086		38 '5942225_/5942235_1'	3.33		3.33	3.33	0.672	0.5	3.33	2.28 No	0.5 Element Fault
SLP086		39 '43817758_/5942885'		10	10	10	2.016	10	10	6.84 No	2.016 Thermal Discharging
SLP086		40 '43814770_/43814772'		10	10	10	2.016	4.8	10	6.84 No	2.016 Thermal Discharging
SLP086		41 '5942152_/5942149_2'	3.33		3.33	3.33	0.672	0.5	3.33	2.28 No	0.5 Element Fault
SLP086		42 '5942279_/5942902'		10	10	10	2.016	10	10	6.84 No	2.016 Thermal Discharging
SLP086		43 '5942069_/5942066_2'		10	10	10	2.016	4.8	10	6.84 No	2.016 Thermal Discharging
SLP086		44 '5942922_/5942919'		10	10	10	2.016	10	10	6.84 No	2.016 Thermal Discharging
SLP086		45 '5942280_/5942290_1'	3.33		3.33	3.33	0.672	0.5	3.33	2.28 No	0.5 Element Fault
SLP086		46 '5942939_/5942936'		10	10	10	2.016	10	10	6.84 No	2.016 Thermal Discharging
SLP086		47 '5942068_/5942066_1'		10	10	10	2.016	1.7	10	6.84 No	1.7 Element Fault
SLP086		48 '5942334_/5942953'		10	10	10	2.016	10	10	6.84 No	2.016 Thermal Discharging
SLP086		49 '43817745_/5942970'		10	10	10	2.016	10	10	6.84 No	2.016 Thermal Discharging
SLP086		50 '5942335_/5942350_1'	6.67		6.67	6.67	1.344	1.1	6.67	4.56 No	1.1 Element Fault
SLP086		51 '5942990_/43817747'		10	10	10	2.016	10	10	6.84 No	2.016 Thermal Discharging
SLP086		52 '43817660_/5942162'	3.33		3.33	3.33	0.672	0.5	3.33	2.28 No	0.5 Element Fault
SLP086		53 '5943007_/5943004'		10	10	10	2.016	10	10	6.84 No	2.016 Thermal Discharging
SLP086		54 '43815625_/5942083'	3.33		3.33	3.33	0.672	0.5	3.33	2.28 No	0.5 Element Fault
SLP086		55 '43817732_/5943021'		10	10	10	2.016	10	10	6.84 No	2.016 Thermal Discharging
SLP086		56 '5942165_/5942178_1'	3.33		3.33	3.33	0.672	0.5	3.33	2.28 No	0.5 Element Fault
SLP086		57 '5942293_/5942290_2'	3.33		3.33	3.33	0.672	0.5	3.33	2.28 No	0.5 Element Fault
SLP086		58 '5943041_/43817734'		10	10	10	2.016	10	10	6.84 No	2.016 Thermal Discharging
SLP086		59 '5942238_/5942235_2'	3.33		3.33	3.33	0.672	0.5	3.33	2.28 No	0.5 Element Fault
SLP086		60 '5943109_/5943123'		10	10	10	2.016	10	10	6.84 No	2.016 Thermal Discharging
SLP086		61 '5943143_/43817708'		10	10	10	2.016	10	10	6.84 No	2.016 Thermal Discharging
SLP086		62 '5939771_/5942099'		10	10	10	2.016	1.7	10	6.84 No	1.7 Element Fault
SLP086		63 '5943108_/5943106'		10	10	10	2.016	10	10	6.84 No	2.016 Thermal Discharging
SLP086		64 '9002841_/9002839_1'		10	10	10	2.016	1.5	10	6.84 No	1.5 Element Fault
SLP086		65 '73568551_/5943157'		10	10	10	2.016	10	10	6.84 No	2.016 Thermal Discharging
SLP086		66 '71497150_/71497105_1'		10	10	10	2.016	1	10	6.84 No	1 Element Fault
SLP086		67 '5942353_/5942350_2'	6.67		6.67	6.67	1.344	1.1	6.67	4.56 No	1.1 Element Fault
SLP086		68 '71497103_/71497105_2'		10	10	10	2.016	1	10	6.84 No	1 Element Fault
SLP086		69 '9316865_/9627489_1'		10	10	10	2.016	10	10	6.84 No	2.016 Thermal Discharging
SLP086		70 '5942306_/5942303'	3.33		3.33	3.33	0.672	0.5	3.33	2.28 No	0.5 Element Fault
SLP086		71 '43820196_/43820198'		10	10	10	2.016	10	10	6.84 No	2.016 Thermal Discharging
SLP086		72 '9002842_/9002839_2'		10	10	10	2.016	1.5	10	6.84 No	1.5 Element Fault
SLP086		73 '369244498_/369244439_1'		10	10	10	2.016	1.5	10	6.84 No	1.5 Element Fault
SLP086		74 '9003057_/9627489_2'		10	10	10	2.016	10	10	6.84 No	2.016 Thermal Discharging
SLP086		75 '536935767_/43817721_1'	6.67		6.67	6.67	1.344	1	6.67	4.56 No	1 Element Fault
SLP086		76 '5942181_/5942178_2'	3.33		3.33	3.33	0.672	0.5	3.33	2.28 No	0.5 Element Fault
SLP086		77 '8684784_/8684782'		10	10	10	2.016	1	10	6.84 No	1 Element Fault
SLP086		78 '5954776_/5954790'		10	10	10	2.016	10	10	6.84 No	2.016 Thermal Discharging
SLP086		79 '8375818_/8375816_1'		10	10	10	2.016	1.5	10	6.84 No	1.5 Element Fault
SLP086		80 '5939772_/5939769'		10	10	10	2.016	1.7	10	6.84 No	1.7 Element Fault
SLP086		81 '5939854_/5954773'		10	10	10	2.016	10	10	6.84 No	2.016 Thermal Discharging
SLP086		82 '5942322_/5942319'	3.33		3.33	3.33	0.672	0.5	3.33	2.28 No	0.5 Element Fault
SLP086		83 '9003058_/9003055'		10	10	10	2.016	10	10	6.84 No	2.016 Thermal Discharging
SLP086		84 '357287695_/5939852'		10	10	10	2.016	10	10	6.84 No	2.016 Thermal Discharging
SLP086		85 '5942368_/5942365'	6.67		6.67	6.67	1.344	1.1	6.67	4.56 No	1.1 Element Fault
SLP086		86 '5939855_/357877703'		10	10	10	2.016	10	10	6.84 No	2.016 Thermal Discharging
SLP086		87 '52658927_/52658856_1'		10	10	10	2.016	1.5	10	6.84 No	1.5 Element Fault
SLP086		88 '396798801_/396798738_1'		10	10	10	2.016	1.8	10	6.84 No	1.8 Element Fault
SLP086		89 '5942086_/43815627'	3.33		3.33	3.33	0.672	0.5	3.33	2.28 No	0.5 Element Fault
SLP086		90 '5942251_/5942248'	3.33		3.33	3.33	0.672	0.5	3.33	2.28 No	0.5 Element Fault
SLP086		91 '52658893_/66123496'	3.33		3.33	3.33	0.672	0.33	3.33	2.28 No	0.33 Element Fault
SLP086		92 '8374941_/9316882'		10	10	10	2.016	10	10	6.84 No	2.016 Thermal Discharging
SLP086		93 '5939789_/5939786'		10	10	10	2.016	1.7	10	6.84 No	1.7 Element Fault

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SLP086	94	'8059820_/_8374938'	10	10	10	2.016	10	10	6.84 No	2.016	Thermal Discharging
SLP086	95	'8059819_/_8059817'	10	10	10	2.016	10	10	6.84 No	2.016	Thermal Discharging
SLP086	96	'7420127_/_9002955'	10	10	10	2.016	10	10	6.84 No	2.016	Thermal Discharging
SLP086	97	'7420128_/_7420125'	10	10	10	2.016	10	10	6.84 No	2.016	Thermal Discharging
SLP086	98	'5942383_/_5942380'	6.67	6.67	6.67	1.344	1.1	6.67	4.56 No	1.1	Element Fault
SLP086	99	'52658836_/_52658856_2'	10	10	10	2.016	1.5	10	6.84 No	1.5	Element Fault
SLP086	100	'37942523_/_9002879'	10	10	10	2.016	5.8	10	6.84 No	2.016	Thermal Discharging
SLP086	101	'404705198_/_37942520'	10	10	10	2.016	5.8	10	6.84 No	2.016	Thermal Discharging
SLP086	102	'37942537_/_37942534'	10	10	10	2.016	5.1	10	6.84 No	2.016	Thermal Discharging
SLP086	103	'37942488_/_37942492'	10	10	10	2.016	4.6	10	6.84 No	2.016	Thermal Discharging
SLP086	104	'369244420_/_369244439_2'	10	10	10	2.016	1.5	10	6.84 No	1.5	Element Fault
SLP086	105	'5942267_/_5942264'	3.33	3.33	3.33	0.672	0.5	3.33	2.28 No	0.5	Element Fault
SLP086	106	'5942751_/_43817721_2'	6.67	6.67	6.67	1.344	1	6.67	4.56 No	1	Element Fault
SLP086	107	'381025812_/_396798738_2'	10	10	10	2.016	1.8	10	6.84 No	1.8	Element Fault
SLP086	108	'52636030_/_5939923'	10	10	10	2.016	1.7	10	6.84 No	1.7	Element Fault
SLP086	109	'52636041_/_52635967_2'	10	10	10	2.016	1.7	10	6.84 No	1.7	Element Fault
SLP086	110	'8374880_/_52635967_1'	10	10	10	2.016	1.6	10	6.84 No	1.6	Element Fault
SLP086	111	'8375819_/_8375816_2'	10	10	10	2.016	1.5	10	6.84 No	1.5	Element Fault
SLP086	112	'37942474_/_483643598'	10	10	10	2.016	5.1	10	6.84 No	2.016	Thermal Discharging
SLP086	113	'37942453_/_37942478'	10	10	10	2.016	5.1	10	6.84 No	2.016	Thermal Discharging
SLP086	114	'404705078_/_404705075'	10	10	10	2.016	5.1	10	6.84 No	2.016	Thermal Discharging
SLP086	115	'37942446_/_37942450'	10	10	10	2.016	5.1	10	6.84 No	2.016	Thermal Discharging
SLP086	116	'37942460_/_37942457'	10	10	10	2.016	5.1	10	6.84 No	2.016	Thermal Discharging
SLP086	117	'5942431_/_5942428'	3.33	3.33	3.33	0.672	0.55	3.33	2.28 No	0.55	Element Fault
SLP086	118	'5942398_/_5942395'	6.67	6.67	6.67	1.344	1.1	6.67	4.56 No	1.1	Element Fault
SLP086	119	'43817832_/_5942749'	6.67	6.67	6.67	1.344	1	6.67	4.56 No	1	Element Fault
SLP086	120	'7425119_/_7425116'	10	10	10	2.016	5.1	10	6.84 No	2.016	Thermal Discharging
SLP086	121	'37942649_/_8059917'	10	10	10	2.016	10	10	6.84 No	2.016	Thermal Discharging
SLP086	122	'404705438_/_37942653'	10	10	10	2.016	10	10	6.84 No	2.016	Thermal Discharging
SLP086	123	'37942663_/_37942660'	10	10	10	2.016	4.6	10	6.84 No	2.016	Thermal Discharging
SLP086	124	'37942796_/_37942793'	10	10	10	2.016	10	10	6.84 No	2.016	Thermal Discharging
SLP086	125	'37942684_/_37942688'	10	10	10	2.016	5.1	10	6.84 No	2.016	Thermal Discharging
SLP086	126	'37942768_/_9627609'	10	10	10	2.016	5.1	10	6.84 No	2.016	Thermal Discharging
SLP086	127	'37942747_/_37942772'	10	10	10	2.016	5.1	10	6.84 No	2.016	Thermal Discharging
SLP086	128	'37942740_/_37942744'	10	10	10	2.016	5.1	10	6.84 No	2.016	Thermal Discharging
SLP086	129	'37942782_/_37942779'	10	10	10	2.016	5.1	10	6.84 No	2.016	Thermal Discharging
SLP086	130	'404705629_/_404705626'	10	10	10	2.016	5.1	10	6.84 No	2.016	Thermal Discharging
SLP086	131	'554672836_/_554672840'	10	10	10	2.016	5.1	10	6.84 No	2.016	Thermal Discharging
SLP086	132	'5942413_/_5942410'	6.67	6.67	6.67	1.344	1.1	6.67	4.56 No	1.1	Element Fault
SLP086	133	'43817671_/_5942815'	3.33	3.33	3.33	0.672	0.5	3.33	2.28 No	0.5	Element Fault
SLP086	134	'37942698_/_9627629'	10	10	10	2.016	4.6	10	6.84 No	2.016	Thermal Discharging
SLP086	135	'37942705_/_37942702'	10	10	10	2.016	4.6	10	6.84 No	2.016	Thermal Discharging
SLP086	136	'404705597_/_404705594'	10	10	10	2.016	4.6	10	6.84 No	2.016	Thermal Discharging
SLP086	137	'37942712_/_37942709'	10	10	10	2.016	4.6	10	6.84 No	2.016	Thermal Discharging
SLP086	138	'404705590_/_404705587'	10	10	10	2.016	4.6	10	6.84 No	2.016	Thermal Discharging
SLP086	139	'7425103_/_7735743'	10	10	10	2.016	5.1	10	6.84 No	2.016	Thermal Discharging
SLP086	140	'52658811_/_52658843'	10	10	10	2.016	1.5	10	6.84 No	1.5	Element Fault
SLP086	141	'583482899_/_583482941'	10	10	10	2.016	1.6	10	6.84 No	1.6	Element Fault
SLP086	142	'8684841_/_8684838'	10	10	10	2.016	4.6	10	6.84 No	2.016	Thermal Discharging
SLP086	143	'343777576_/_554672867'	10	10	10	2.016	5.1	10	6.84 No	2.016	Thermal Discharging
SLP086	144	'343777559_/_343777573'	10	10	10	2.016	5.1	10	6.84 No	2.016	Thermal Discharging
SLP086	145	'343777584_/_343777581'	10	10	10	2.016	5.1	10	6.84 No	2.016	Thermal Discharging
SLP086	146	'343777568_/_343777565'	10	10	10	2.016	5.1	10	6.84 No	2.016	Thermal Discharging
SLP086	147	'343777560_/_343777557'	10	10	10	2.016	5.1	10	6.84 No	2.016	Thermal Discharging
SLP086	148	'8684860_/_8684858_1'	10	10	10	2.016	5.1	10	6.84 No	2.016	Thermal Discharging
SLP086	149	'554672743_/_554672759'	10	10	10	2.016	5.1	10	6.84 No	2.016	Thermal Discharging
SLP086	150	'38051233_/_7827388'	10	10	10	2.016	10	10	6.84 No	2.016	Thermal Discharging
SLP086	151	'404491626_/_38051230'	10	10	10	2.016	10	10	6.84 No	2.016	Thermal Discharging
SLP086	152	'38051331_/_38051328'	10	10	10	2.016	4.7	10	6.84 No	2.016	Thermal Discharging
SLP086	153	'38051247_/_38051244'	10	10	10	2.016	2	10	6.84 No	2	Element Fault
SLP086	154	'38051219_/_38051216'	10	10	10	2.016	10	10	6.84 No	2.016	Thermal Discharging
SLP086	155	'37942593_/_343777662'	10	10	10	2.016	5.1	10	6.84 No	2.016	Thermal Discharging
SLP086	156	'7515983_/_7515980'	10	10	10	2.016	4.7	10	6.84 No	2.016	Thermal Discharging
SLP086	157	'37942621_/_554672817'	10	10	10	2.016	5.1	10	6.84 No	2.016	Thermal Discharging
SLP086	158	'5942473_/_5942470'	3.33	3.33	3.33	0.672	0.55	3.33	2.28 No	0.55	Element Fault
SLP086	159	'496591049_/_496591068'	10	10	10	2.016	4.3	10	6.84 No	2.016	Thermal Discharging
SLP086	160	'5942444_/_5942441'	3.33	3.33	3.33	0.672	0.55	3.33	2.28 No	0.55	Element Fault
SLP086	161	'568266153_/_7420165_2'	10	10	10	2.016	4.3	10	6.84 No	2.016	Thermal Discharging
SLP086	162	'397723581_/_397723599'	10	10	10	2.016	5.1	10	6.84 No	2.016	Thermal Discharging
SLP086	163	'5943352_/_7420165_1'	10	10	10	2.016	1.5	10	6.84 No	1.5	Element Fault
SLP086	164	'5943372_/_5943369'	10	10	10	2.016	1.5	10	6.84 No	1.5	Element Fault
SLP086	165	'7425139_/_7425136'	10	10	10	2.016	5.1	10	6.84 No	2.016	Thermal Discharging
SLP086	166	'7827410_/_9408538'	10	10	10	2.016	4.6	10	6.84 No	2.016	Thermal Discharging
SLP086	167	'5953418_/_5953433'	6.67	6.67	6.67	1.344	1.1	6.67	4.56 No	1.1	Element Fault
SLP086	168	'5943351_/_43819163'	10	10	10	2.016	1.5	10	6.84 No	1.5	Element Fault
SLP086	169	'40682523_/_44103909'	10	10	10	2.016	2	10	6.84 No	2	Element Fault
SLP086	170	'5942460_/_5942457'	3.33	3.33	3.33	0.672	0.55	3.33	2.28 No	0.55	Element Fault
SLP086	171	'5942643_/_5942640'	6.67	6.67	6.67	1.344	1	6.67	4.56 No	1	Element Fault
SLP086	172	'444172128_/_8457518'	10	10	10	2.016	4.7	10	6.84 No	2.016	Thermal Discharging
SLP086	173	'8375041_/_8685032'	10	10	10	2.016	5.1	10	6.84 No	2.016	Thermal Discharging
SLP086	174	'5942489_/_5942486'	3.33	3.33	3.33	0.672	0.55	3.33	2.28 No	0.55	Element Fault
SLP086	175	'7425158_/_8374898'	10	10	10	2.016	5.1	10	6.84 No	2.016	Thermal Discharging
SLP086	176	'43817889_/_43817891'	6.67	6.67	6.67	1.344	1.1	6.67	4.56 No	1.1	Element Fault
SLP086	177	'5942501_/_5942499_1'	6.67	6.67	6.67	1.344	1.1	6.67	4.56 No	1.1	Element Fault
SLP086	178	'7735826_/_330595222'	10	10	10	2.016	5.1	10	6.84 No	2.016	Thermal Discharging
SLP086	179	'8684920_/_8684918'	6.67	6.67	6.67	1.344	3.4	6.67	4.56 No	1.344	Thermal Discharging
SLP086	180	'5942658_/_5942655'	6.67	6.67	6.67	1.344	1	6.67	4.56 No	1	Element Fault
SLP086	181	'43819266_/_5943422'	3.33	3.33	3.33	0.672	0.55	3.33	2.28 No	0.55	Element Fault
SLP086	182	'8375040_/_8375038'	10	10	10	2.016	5.1	10	6.84 No	2.016	Thermal Discharging
SLP086	183	'43817683_/_43817673'	3.33	3.33	3.33	0.672	0.5	3.33	2.28 No	0.5	Element Fault
SLP086	184	'5942502_/_5942499_2'	6.67	6.67	6.67	1.344	1.1	6.67	4.56 No	1.1	Element Fault
SLP086	185	'43817913_/_43817915'	3.33	3.33	3.33	0.672	0.55	3.33	2.28 No	0.55	Element Fault
SLP086	186	'444171870_/_7827408'	10	10	10	2.016	4.6	10	6.84 No	2.016	Thermal Discharging
SLP086	187	'5942673_/_5942670'	6.67	6.67	6.67	1.344	1	6.67	4.56 No	1	Element Fault

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SLP086	188	'462287481_/_488678820'		10	10	10	2.016	4.6	10	6.84 No	2.016 Thermal Discharging
SLP086	189	'5943425_/_43819268'		3.33	3.33	3.33	0.672	0.55	3.33	2.28 No	0.55 Element Fault
SLP086	190	'7425102_/_7425100'		3.33	3.33	3.33	0.672	1.7	3.33	2.28 No	0.672 Thermal Discharging
SLP086	191	'8684825_/_9002899'		3.33	3.33	3.33	0.672	1.7	3.33	2.28 No	0.672 Thermal Discharging
SLP086	192	'52236648_/_75948016'		10	10	10	2.016	2	10	6.84 No	2 Element Fault
SLP086	193	'8374901_/_8684822'		3.33	3.33	3.33	0.672	1.7	3.33	2.28 No	0.672 Thermal Discharging
SLP086	194	'354098458_/_5942191'		3.33	3.33	3.33	0.672	0.5	3.33	2.28 No	0.5 Element Fault
SLP086	195	'471141861_/_462287417'		10	10	10	2.016	4.6	10	6.84 No	2.016 Thermal Discharging
SLP086	196	'471141873_/_462287663'		10	10	10	2.016	4.6	10	6.84 No	2.016 Thermal Discharging
SLP086	197	'471142078_/_471142082'		10	10	10	2.016	4.6	10	6.84 No	2.016 Thermal Discharging
SLP086	198	'43817901_/_5942514'		6.67	6.67	6.67	1.344	1.1	6.67	4.56 No	1.1 Element Fault
SLP086	199	'7735766_/_7735763'		10	10	10	2.016	5.1	10	6.84 No	2.016 Thermal Discharging
SLP086	200	'5942578_/_5942575'		3.33	3.33	3.33	0.672	0.55	3.33	2.28 No	0.55 Element Fault
SLP086	201	'471142038_/_471142108'		10	10	10	2.016	4.6	10	6.84 No	2.016 Thermal Discharging
SLP086	202	'8684861_/_9002915'		10	10	10	2.016	5.1	10	6.84 No	2.016 Thermal Discharging
SLP086	203	'5942687_/_43817949'		6.67	6.67	6.67	1.344	1	6.67	4.56 No	1 Element Fault
SLP086	204	'52236584_/_52236612'		10	10	10	2.016	2	10	6.84 No	2 Element Fault
SLP086	205	'39705648_/_7516182'		3.33	3.33	3.33	0.672	1.57	3.33	2.28 No	0.672 Thermal Discharging
SLP086	206	'5942532_/_5942529'		6.67	6.67	6.67	1.344	1.1	6.67	4.56 No	1.1 Element Fault
SLP086	207	'9316788_/_9627393'		10	10	10	2.016	5.1	10	6.84 No	2.016 Thermal Discharging
SLP086	208	'7425439_/_9316822'		10	10	10	2.016	5.1	10	6.84 No	2.016 Thermal Discharging
SLP086	209	'454176833_/_454176873'		10	10	10	2.016	5.1	10	6.84 No	2.016 Thermal Discharging
SLP086	210	'7495101_/_444172185'		10	10	10	2.016	4.7	10	6.84 No	2.016 Thermal Discharging
SLP086	211	'5942550_/_5942547'		5.4	6.67	6.67	1.344	1.1	6.67	4.56 No	1.1 Element Fault
SLP086	212	'400217226_/_400217206'		3.33	3.33	3.33	0.672	1.57	3.33	2.28 No	0.672 Thermal Discharging
SLP086	213	'43817924_/_5942588'		2.4	3.33	3.33	0.672	0.55	3.33	2.28 No	0.55 Element Fault
SLP086	214	'8059779_/_9316786'		7.8	10	10	2.016	5.1	10	6.84 No	2.016 Thermal Discharging
SLP086	215	'5942706_/_5942703'		4.93	6.67	6.67	1.344	1	6.67	4.56 No	1 Element Fault
SLP086	216	'595929371_/_483643575'		8.2	10	10	2.016	5.1	10	6.84 No	2.016 Thermal Discharging
SLP086	217	'52236654_/_52236591'		8.6	10	10	2.016	2	10	6.84 No	2 Element Fault
SLP086	218	'38891382_/_44093866'		8.3	10	10	2.016	2	10	6.84 No	2 Element Fault
SLP086	219	'5943334_/_5943331'		4.33	6.67	6.67	1.344	1.1	6.67	4.56 No	1.1 Element Fault
SLP086	220	'595929403_/_595929419'		7.1	10	10	2.016	5.1	10	6.84 No	2.016 Thermal Discharging
SLP086	221	'7735786_/_9627413'		7.1	10	10	2.016	5.1	10	6.84 No	2.016 Thermal Discharging
SLP086	222	'87524798_/_7495098'		7.3	10	10	2.016	4.7	10	6.84 No	2.016 Thermal Discharging
SLP086	223	'595929437_/_595929467'		6.4	10	10	2.016	5.1	10	6.84 No	2.016 Thermal Discharging
SLP086	224	'8059780_/_8059777_1'		5.8	10	10	2.016	5.1	10	6.84 No	2.016 Thermal Discharging
SLP086	225	'5942604_/_5942601'		1.9	3.33	3.33	0.672	0.55	3.33	2.28 No	0.55 Element Fault
SLP086	226	'9316809_/_9627433'		3.33	3.33	3.33	0.672	1.7	3.33	2.28 No	0.672 Thermal Discharging
SLP086	227	'5942721_/_5942718'		3.87	6.67	6.67	1.344	1	6.67	4.56 No	1 Element Fault
SLP086	228	'7104184_/_7104181'		3.73	6.67	6.67	1.344	1.1	6.67	4.56 No	1.1 Element Fault
SLP086	229	'7735785_/_7735783'		5.9	10	10	2.016	5.1	10	6.84 No	2.016 Thermal Discharging
SLP086	230	'87524760_/_87524846'		6.4	10	10	2.016	4.7	10	6.84 No	2.016 Thermal Discharging
SLP086	231	'43817935_/_5943262'		3.6	6.67	6.67	1.344	1	6.67	4.56 No	1 Element Fault
SLP086	232	'5943265_/_43817937'		3.4	6.67	6.67	1.344	1	6.67	4.56 No	1 Element Fault
SLP086	233	'87524722_/_87524771'		5.8	10	10	2.016	4.7	10	6.84 No	2.016 Thermal Discharging
SLP086	234	'5942617_/_5942614'		1.63	3.33	3.33	0.672	0.55	3.33	2.28 No	0.55 Element Fault
SLP086	235	'87524668_/_87524733'		5.6	10	10	2.016	4.7	10	6.84 No	2.016 Thermal Discharging
SLP086	236	'43817994_/_5942627'		1.47	3.33	3.33	0.672	0.55	3.33	2.28 No	0.55 Element Fault
SLP086	237	'7495087_/_87524674'		4.7	10	10	2.016	4.7	10	6.84 No	2.016 Thermal Discharging
SLP086	238	'43817983_/_43817996'		1.37	3.33	3.33	0.672	0.55	3.33	2.28 No	0.55 Element Fault
SLP086	239	'471141964_/_465930660'		4.6	10	10	2.016	4.7	10	6.84 No	2.016 Thermal Discharging
SLP086	240	'471141994_/_471142010'		4.2	10	10	2.016	4.7	10	6.84 No	2.016 Thermal Discharging
SLP086	241	'5942739_/_43817985'		1.27	3.33	3.33	0.672	0.55	3.33	2.28 No	0.55 Element Fault
SLP086	242	'471142184_/_471142054_1'		4.1	10	10	2.016	4.6	10	6.84 No	2.016 Thermal Discharging
SLP086	243	'8059764_/_9316806'		1.7	3.33	3.33	0.672	1.7	3.33	2.28 No	0.672 Thermal Discharging
SLP086	244	'8059763_/_8059761'		1.37	3.33	3.33	0.672	1.7	3.33	2.28 No	0.672 Thermal Discharging
SLP087	0	'SLP087_/_9318170'		10	10	10	1.096	10	10	6.01 No	1.096 Thermal Discharging
SLP087	1	'8748563_/_9318170'		10	10	10	1.096	10	10	6.01 No	1.096 Thermal Discharging
SLP087	2	'8375996_/_8748560'		10	10	10	1.096	10	10	6.01 No	1.096 Thermal Discharging
SLP087	3	'7736819_/_8375994'		10	10	10	1.096	10	10	6.01 No	1.096 Thermal Discharging
SLP087	4	'7426008_/_7736817'		10	10	10	1.096	10	10	6.01 No	1.096 Thermal Discharging
SLP087	5	'407567860_/_407303754'		10	10	10	1.096	10	10	6.01 No	1.096 Thermal Discharging
SLP087	6	'407567755_/_407567944'		10	10	10	1.096	10	10	6.01 No	1.096 Thermal Discharging
SLP087	7	'407567732_/_407567753'		10	10	10	1.096	10	10	6.01 No	1.096 Thermal Discharging
SLP087	8	'407567731_/_407567729'		10	10	10	1.096	4.6	10	6.01 No	1.096 Thermal Discharging
SLP087	9	'407567739_/_407567737'		10	10	10	1.096	5	10	6.01 No	1.096 Thermal Discharging
SLP087	10	'407567747_/_407567745'		10	10	10	1.096	10	10	6.01 No	1.096 Thermal Discharging
SLP087	11	'435024567_/_435024606'		10	10	10	1.096	4.6	10	6.01 No	1.096 Thermal Discharging
SLP087	12	'435024445_/_435024618'		3.33	3.33	3.33	0.368	1.53	3.33	2 No	0.368 Thermal Discharging
SLP087	13	'407567902_/_407567974'		10	10	10	1.096	10	10	6.01 No	1.096 Thermal Discharging
SLP087	14	'435024495_/_435024514'		3.33	3.33	3.33	0.368	1.53	3.33	2 No	0.368 Thermal Discharging
SLP087	15	'407303744_/_407567906'		10	10	10	1.096	10	10	6.01 No	1.096 Thermal Discharging
SLP087	16	'414755780_/_407303778_1'		10	10	10	1.096	10	10	6.01 No	1.096 Thermal Discharging
SLP087	17	'406030990_/_407303778_2'		10	10	10	1.096	10	10	6.01 No	1.096 Thermal Discharging
SLP087	18	'406030950_/_406030992'		10	10	10	1.096	10	10	6.01 No	1.096 Thermal Discharging
SLP087	19	'5961329_/_5961327'		10	10	10	1.096	10	10	6.01 No	1.096 Thermal Discharging
SLP087	20	'5961330_/_406030952'		10	10	10	1.096	10	10	6.01 No	1.096 Thermal Discharging
SLP087	21	'5961472_/_5961486'		10	10	10	1.096	10	10	6.01 No	1.096 Thermal Discharging
SLP087	22	'381488872_/_43819947_3'		10	10	10	1.096	4.6	10	6.01 No	1.096 Thermal Discharging
SLP087	23	'381488627_/_381488629'		10	10	10	1.096	10	10	6.01 No	1.096 Thermal Discharging
SLP087	24	'43819932_/_43819934'		10	10	10	1.096	10	10	6.01 No	1.096 Thermal Discharging
SLP087	25	'381488738_/_381488685_1'		10	10	10	1.096	1.5	10	6.01 No	1.096 Thermal Discharging
SLP087	26	'381488880_/_43819947_2'		10	10	10	1.096	2.3	10	6.01 No	1.096 Thermal Discharging
SLP087	27	'5961165_/_5961310'		10	10	10	1.096	10	10	6.01 No	1.096 Thermal Discharging
SLP087	28	'5960949_/_5961162'		10	10	10	1.096	10	10	6.01 No	1.096 Thermal Discharging
SLP087	29	'7426229_/_7426226_1'		10	10	10	1.096	1.5	10	6.01 No	1.096 Thermal Discharging
SLP087	30	'43819680_/_43819682'		10	10	10	1.096	10	10	6.01 No	1.096 Thermal Discharging
SLP087	31	'409312386_/_409312345'		10	10	10	1.096	5	10	6.01 No	1.096 Thermal Discharging
SLP087	32	'5961576_/_43819947_1'		10	10	10	1.096	2.3	10	6.01 No	1.096 Thermal Discharging
SLP087	33	'5960908_/_5960906'		10	10	10	1.096	10	10	6.01 No	1.096 Thermal Discharging
SLP087	34	'5960929_/_5961264'		10	10	10	1.096	10	10	6.01 No	1.096 Thermal Discharging
SLP087	35	'40924409_/_7426226_2'		10	10	10	1.096	1.5	10	6.01 No	1.096 Thermal Discharging
SLP087	36	'5960872_/_5961247'		10	10	10	1.096	10	10	6.01 No	1.096 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SLP087	37	'409312326_/409312388'		10	10	10	1.096	5	10	6.01 No	1.096 Thermal Discharging
SLP087	38	'5957667_/5960926'		10	10	10	1.096	10	10	6.01 No	1.096 Thermal Discharging
SLP087	39	'5957974_/5957988'		10	10	10	1.096	10	10	6.01 No	1.096 Thermal Discharging
SLP087	40	'5960808_/5960869'		10	10	10	1.096	10	10	6.01 No	1.096 Thermal Discharging
SLP087	41	'5957957_/5957971'		10	10	10	1.096	10	10	6.01 No	1.096 Thermal Discharging
SLP087	42	'410448480_/410448490'		10	10	10	1.096	5	10	6.01 No	1.096 Thermal Discharging
SLP087	43	'5957651_/5957649_1'	3.33	3.33	3.33	0.368	0.5	3.33	2 No	0.368 Thermal Discharging	
SLP087	44	'5957605_/5957954'		10	10	10	1.096	10	10	6.01 No	1.096 Thermal Discharging
SLP087	45	'5960854_/5960852'		10	10	10	1.096	10	10	6.01 No	1.096 Thermal Discharging
SLP087	46	'43819717_/5957602'		10	10	10	1.096	10	10	6.01 No	1.096 Thermal Discharging
SLP087	47	'5957571_/5957568_2'		10	10	10	1.096	10	10	6.01 No	1.096 Thermal Discharging
SLP087	48	'5960795_/5960792_2'	3.33	3.33	3.33	0.368	1.1	3.33	2 No	0.368 Thermal Discharging	
SLP087	49	'5957570_/5957568_1'		10	10	10	1.096	10	10	6.01 No	1.096 Thermal Discharging
SLP087	50	'381488666_/381488685_2'		10	10	10	1.096	1.5	10	6.01 No	1.096 Thermal Discharging
SLP087	51	'5961677_/5961675'		10	10	10	1.096	10	10	6.01 No	1.096 Thermal Discharging
SLP087	52	'43819704_/5958116'		10	10	10	1.096	10	10	6.01 No	1.096 Thermal Discharging
SLP087	53	'5961760_/5961778'		10	10	10	1.096	10	10	6.01 No	1.096 Thermal Discharging
SLP087	54	'120159089_/90345524'		10	10	10	1.096	10	10	6.01 No	1.096 Thermal Discharging
SLP087	55	'7736607_/9628751'		10	10	10	1.096	1.5	10	6.01 No	1.096 Thermal Discharging
SLP087	56	'410448650_/410448669'		10	10	10	1.096	5	10	6.01 No	1.096 Thermal Discharging
SLP087	57	'5936270_/90345511_3'		10	10	10	1.096	10	10	6.01 No	1.096 Thermal Discharging
SLP087	58	'43816484_/5936267'		10	10	10	1.096	10	10	6.01 No	1.096 Thermal Discharging
SLP087	59	'5961761_/5961758'		10	10	10	1.096	10	10	6.01 No	1.096 Thermal Discharging
SLP087	60	'453080504_/453080439_2'		10	10	10	1.096	5.3	10	6.01 No	1.096 Thermal Discharging
SLP087	61	'7425718_/7736605'		10	10	10	1.096	1.5	10	6.01 No	1.096 Thermal Discharging
SLP087	62	'5936236_/5936250'		10	10	10	1.096	10	10	6.01 No	1.096 Thermal Discharging
SLP087	63	'5957746_/5960792_1'	3.33	3.33	3.33	0.368	0.5	3.33	2 No	0.368 Thermal Discharging	
SLP087	64	'5961834_/5961831'		10	10	10	1.096	10	10	6.01 No	1.096 Thermal Discharging
SLP087	65	'5936219_/5936233'		10	10	10	1.096	10	10	6.01 No	1.096 Thermal Discharging
SLP087	66	'5961851_/5961848'		10	10	10	1.096	10	10	6.01 No	1.096 Thermal Discharging
SLP087	67	'5961820_/5961865'		10	10	10	1.096	10	10	6.01 No	1.096 Thermal Discharging
SLP087	68	'43816458_/5936216'		10	10	10	1.096	10	10	6.01 No	1.096 Thermal Discharging
SLP087	69	'433959323_/433959245'	6.67	6.67	6.67	0.736	3.33	6.67	4.01 No	0.736 Thermal Discharging	
SLP087	70	'410448699_/410448718'		10	10	10	1.096	5	10	6.01 No	1.096 Thermal Discharging
SLP087	71	'5961935_/5962004'		10	10	10	1.096	10	10	6.01 No	1.096 Thermal Discharging
SLP087	72	'7425719_/7425716'		10	10	10	1.096	1.5	10	6.01 No	1.096 Thermal Discharging
SLP087	73	'5955501_/5955532'		10	10	10	1.096	10	10	6.01 No	1.096 Thermal Discharging
SLP087	74	'433959241_/410448764'		10	10	10	1.096	5	10	6.01 No	1.096 Thermal Discharging
SLP087	75	'43819908_/5961933'		10	10	10	1.096	10	10	6.01 No	1.096 Thermal Discharging
SLP087	76	'5955484_/5955498'		10	10	10	1.096	10	10	6.01 No	1.096 Thermal Discharging
SLP087	77	'5961936_/5961953_1'		10	10	10	1.096	10	10	6.01 No	1.096 Thermal Discharging
SLP087	78	'5947062_/5955515'		10	10	10	1.096	10	10	6.01 No	1.096 Thermal Discharging
SLP087	79	'5957652_/5957649_2'	3.33	3.33	3.33	0.368	0.5	3.33	2 No	0.368 Thermal Discharging	
SLP087	80	'5955088_/5961953_2'		10	10	10	1.096	10	10	6.01 No	1.096 Thermal Discharging
SLP087	81	'5955467_/5955481'		10	10	10	1.096	10	10	6.01 No	1.096 Thermal Discharging
SLP087	82	'8060358_/9317588_2'	3.33	3.33	3.33	0.368	1.4	3.33	2 No	0.368 Thermal Discharging	
SLP087	83	'8060564_/8060561'		10	10	10	1.096	1.5	10	6.01 No	1.096 Thermal Discharging
SLP087	84	'5959835_/5959832'		10	10	10	1.096	10	10	6.01 No	1.096 Thermal Discharging
SLP087	85	'5955450_/5955464'		10	10	10	1.096	10	10	6.01 No	1.096 Thermal Discharging
SLP087	86	'5955089_/5955099_1'	3.33	3.33	3.33	0.368	0.5	3.33	2 No	0.368 Thermal Discharging	
SLP087	87	'410448520_/410448539'	3.33	3.33	3.33	0.368	1.67	3.33	2 No	0.368 Thermal Discharging	
SLP087	88	'43816471_/5947060'		10	10	10	1.096	10	10	6.01 No	1.096 Thermal Discharging
SLP087	89	'5955433_/5955447'		10	10	10	1.096	10	10	6.01 No	1.096 Thermal Discharging
SLP087	90	'410448572_/410448582'	3.33	3.33	3.33	0.368	1.67	3.33	2 No	0.368 Thermal Discharging	
SLP087	91	'5947063_/8685586_2'		10	10	10	1.096	5.4	10	6.01 No	1.096 Thermal Discharging
SLP087	92	'7736474_/7736471_1'	3.33	3.33	3.33	0.368	0.5	3.33	2 No	0.368 Thermal Discharging	
SLP087	93	'9317784_/9628277'		10	10	10	1.096	1.5	10	6.01 No	1.096 Thermal Discharging
SLP087	94	'5955432_/5955430'		10	10	10	1.096	10	10	6.01 No	1.096 Thermal Discharging
SLP087	95	'5955204_/7152409'		10	10	10	1.096	6.1	10	6.01 No	1.096 Thermal Discharging
SLP087	96	'5955055_/5955099_2'	3.33	3.33	3.33	0.368	0.5	3.33	2 No	0.368 Thermal Discharging	
SLP087	97	'5955602_/5955616'		10	10	10	1.096	10	10	6.01 No	1.096 Thermal Discharging
SLP087	98	'5947080_/633880523_2'	3.33	3.33	3.33	0.368	1.1	3.33	2 No	0.368 Thermal Discharging	
SLP087	99	'8684569_/453080439_1'		10	10	10	1.096	1.5	10	6.01 No	1.096 Thermal Discharging
SLP087	100	'43819886_/5961818'	3.33	3.33	3.33	0.368	1.1	3.33	2 No	0.368 Thermal Discharging	
SLP087	101	'5955568_/5955599_2'		10	10	10	1.096	10	10	6.01 No	1.096 Thermal Discharging
SLP087	102	'633880515_/633880523_1'	3.33	3.33	3.33	0.368	0.5	3.33	2 No	0.368 Thermal Discharging	
SLP087	103	'43816410_/5955599_1'		10	10	10	1.096	10	10	6.01 No	1.096 Thermal Discharging
SLP087	104	'5957733_/5957743'	3.33	3.33	3.33	0.368	0.5	3.33	2 No	0.368 Thermal Discharging	
SLP087	105	'5955567_/5955565'		10	10	10	1.096	10	10	6.01 No	1.096 Thermal Discharging
SLP087	106	'5955307_/5955305_1'	3.33	3.33	3.33	0.368	0.5	3.33	2 No	0.368 Thermal Discharging	
SLP087	107	'8375658_/9317782'		10	10	10	1.096	1.5	10	6.01 No	1.096 Thermal Discharging
SLP087	108	'4887395_/7087092'		10	10	10	1.096	10	10	6.01 No	1.096 Thermal Discharging
SLP087	109	'108502842_/4887392_2'		10	10	10	1.096	6.4	10	6.01 No	1.096 Thermal Discharging
SLP087	110	'633880552_/633880558'		10	10	10	1.096	6.2	10	6.01 No	1.096 Thermal Discharging
SLP087	111	'4887412_/4887425_1'	3.33	3.33	3.33	0.368	0.5	3.33	2 No	0.368 Thermal Discharging	
SLP087	112	'5955042_/5955053'	3.33	3.33	3.33	0.368	0.5	3.33	2 No	0.368 Thermal Discharging	
SLP087	113	'5959673_/7152386_2'		10	10	10	1.096	6.2	10	6.01 No	1.096 Thermal Discharging
SLP087	114	'43816373_/4887392_1'		10	10	10	1.096	2.6	10	6.01 No	1.096 Thermal Discharging
SLP087	115	'5955114_/5955202'		10	10	10	1.096	6.1	10	6.01 No	1.096 Thermal Discharging
SLP087	116	'5955346_/5961642'	3.33	3.33	3.33	0.368	0.5	3.33	2 No	0.368 Thermal Discharging	
SLP087	117	'5955115_/5955133_1'	6.67	6.67	6.67	0.736	1	6.67	4.01 No	0.736 Thermal Discharging	
SLP087	118	'5957943_/5957941'	3.33	3.33	3.33	0.368	0.5	3.33	2 No	0.368 Thermal Discharging	
SLP087	119	'43816360_/4852819'		10	10	10	1.096	2.6	10	6.01 No	1.096 Thermal Discharging
SLP087	120	'9317590_/9317588_1'	3.33	3.33	3.33	0.368	0.5	3.33	2 No	0.368 Thermal Discharging	
SLP087	121	'7424829_/8684566'		10	10	10	1.096	1.5	10	6.01 No	1.096 Thermal Discharging
SLP087	122	'5955068_/5955148'		10	10	10	1.096	3.5	10	6.01 No	1.096 Thermal Discharging
SLP087	123	'43819897_/5955305_2'	3.33	3.33	3.33	0.368	0.5	3.33	2 No	0.368 Thermal Discharging	
SLP087	124	'8375838_/8685742'	6.67	6.67	6.67	0.736	2.33	6.67	4.01 No	0.736 Thermal Discharging	
SLP087	125	'43819741_/5957730'	3.33	3.33	3.33	0.368	0.5	3.33	2 No	0.368 Thermal Discharging	
SLP087	126	'4852788_/4852802'		10	10	10	1.096	2.6	10	6.01 No	1.096 Thermal Discharging
SLP087	127	'5959639_/7152386_1'		10	10	10	1.096	6.2	10	6.01 No	1.096 Thermal Discharging
SLP087	128	'43816436_/5947077'	3.33	3.33	3.33	0.368	0.5	3.33	2 No	0.368 Thermal Discharging	
SLP087	129	'43816386_/4887425_2'	3.33	3.33	3.33	0.368	0.5	3.33	2 No	0.368 Thermal Discharging	
SLP087	130	'43819634_/5955225'		10	10	10	1.096	6	10	6.01 No	1.096 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SLP087	131	'7736473_/_7736471_2'	3.33		3.33	0.368	0.5	3.33	2	No	0.368 Thermal Discharging
SLP087	132	'5955136_/_5955133_2'	6.67		6.67	0.736	1	6.67	4.01	No	0.736 Thermal Discharging
SLP087	133	'410448754_/_433959327'	10		10	1.096	5	10	6.01	No	1.096 Thermal Discharging
SLP087	134	'5955320_/_5955344'	3.33		3.33	0.368	0.5	3.33	2	No	0.368 Thermal Discharging
SLP087	135	'5959297_/_5959636'	10		10	1.096	6.2	10	6.01	No	1.096 Thermal Discharging
SLP087	136	'5957622_/_5958008'	3.33		3.33	0.368	0.5	3.33	2	No	0.368 Thermal Discharging
SLP087	137	'37942887_/_8685586_1'	10		10	1.096	1.6	10	6.01	No	1.096 Thermal Discharging
SLP087	138	'37942880_/_37942884'	10		10	1.096	1.6	10	6.01	No	1.096 Thermal Discharging
SLP087	139	'37942873_/_37942877'	10		10	1.096	1.6	10	6.01	No	1.096 Thermal Discharging
SLP087	140	'404704710_/_404704707'	10		10	1.096	1.6	10	6.01	No	1.096 Thermal Discharging
SLP087	141	'37942145_/_37942898'	10		10	1.096	1.6	10	6.01	No	1.096 Thermal Discharging
SLP087	142	'5955043_/_5955040'	3.33		3.33	0.368	0.5	3.33	2	No	0.368 Thermal Discharging
SLP087	143	'4852787_/_4852785'	10		10	1.096	2.6	10	6.01	No	1.096 Thermal Discharging
SLP087	144	'5959296_/_5959294'	10		10	1.096	6.2	10	6.01	No	1.096 Thermal Discharging
SLP087	145	'7424828_/_7424826'	10		10	1.096	1.5	10	6.01	No	1.096 Thermal Discharging
SLP087	146	'8375839_/_8375836'	6.67		6.67	0.736	0.6	6.67	4.01	No	0.6 Element Fault
SLP087	147	'4852845_/_4852842'	3.33		3.33	0.368	0.5	3.33	2	No	0.368 Thermal Discharging
SLP087	148	'7424808_/_9627117'	10		10	1.096	1.6	10	6.01	No	1.096 Thermal Discharging
SLP087	149	'7087225_/_7087223'	10		10	1.096	6.2	10	6.01	No	1.096 Thermal Discharging
SLP087	150	'43596643_/_43596645'	10		10	1.096	2.6	10	6.01	No	1.096 Thermal Discharging
SLP087	151	'5931084_/_5947044'	3.33		3.33	0.368	0.5	3.33	2	No	0.368 Thermal Discharging
SLP087	152	'5957388_/_5957619'	3.33		3.33	0.368	0.5	3.33	2	No	0.368 Thermal Discharging
SLP087	153	'5957707_/_5957717'	3.33		3.33	0.368	0.5	3.33	2	No	0.368 Thermal Discharging
SLP087	154	'5955321_/_5955318'	3.33		3.33	0.368	0.5	3.33	2	No	0.368 Thermal Discharging
SLP087	155	'4887494_/_4887492'	10		10	1.096	6.2	10	6.01	No	1.096 Thermal Discharging
SLP087	156	'5958063_/_43819899'	3.33		3.33	0.368	0.5	3.33	2	No	0.368 Thermal Discharging
SLP087	157	'433959284_/_433959303'	3.33		3.33	0.368	1.5	3.33	2	No	0.368 Thermal Discharging
SLP087	158	'6048083_/_7086701'	10		10	1.096	6.2	10	6.01	No	1.096 Thermal Discharging
SLP087	159	'7424809_/_7424806'	10		10	1.096	1.6	10	6.01	No	1.096 Thermal Discharging
SLP087	160	'8684553_/_8684550'	3.33		3.33	0.368	0.5	3.33	2	No	0.368 Thermal Discharging
SLP087	161	'4852771_/_4852888'	10		10	1.096	2.6	10	6.01	No	1.096 Thermal Discharging
SLP087	162	'410448808_/_410448818'	10		10	1.096	5	10	6.01	No	1.096 Thermal Discharging
SLP087	163	'6048082_/_6048080'	10		10	1.096	6.2	10	6.01	No	1.096 Thermal Discharging
SLP087	164	'530300003_/_6050182_2'	10		10	1.096	6.2	10	6.01	No	1.096 Thermal Discharging
SLP087	165	'7516662_/_450208640'	10		10	1.096	1.6	10	6.01	No	1.096 Thermal Discharging
SLP087	166	'43819608_/_5955066'	10		10	1.096	3.5	10	6.01	No	1.096 Thermal Discharging
SLP087	167	'5957297_/_5957385'	3.33		3.33	0.368	0.5	3.33	2	No	0.368 Thermal Discharging
SLP087	168	'43596612_/_43596619'	10		10	1.096	2.6	10	6.01	No	1.096 Thermal Discharging
SLP087	169	'6050167_/_6050182_1'	10		10	1.096	6.2	10	6.01	No	1.096 Thermal Discharging
SLP087	170	'5957284_/_43819660_2'	3.33		3.33	0.368	0.5	3.33	2	No	0.368 Thermal Discharging
SLP087	171	'43819995_/_5955331'	3.33		3.33	0.368	0.5	3.33	2	No	0.368 Thermal Discharging
SLP087	172	'424814357_/_424814361'	10		10	1.096	5	10	6.01	No	1.096 Thermal Discharging
SLP087	173	'546749963_/_546749967'	10		10	1.096	6.2	10	6.01	No	1.096 Thermal Discharging
SLP087	174	'4852858_/_4852855'	3.33		3.33	0.368	0.5	3.33	2	No	0.368 Thermal Discharging
SLP087	175	'5958023_/_5958073'	3.33		3.33	0.368	0.5	3.33	2	No	0.368 Thermal Discharging
SLP087	176	'6050320_/_6050318'	10		10	1.096	6.2	10	6.01	No	1.096 Thermal Discharging
SLP087	177	'457565001_/_8374580_1'	10		10	1.096	1.5	10	6.01	No	1.096 Thermal Discharging
SLP087	178	'5957694_/_5957704'	3.33		3.33	0.368	0.5	3.33	2	No	0.368 Thermal Discharging
SLP087	179	'5955334_/_5958576_1'	3.33		3.33	0.368	0.5	3.33	2	No	0.368 Thermal Discharging
SLP087	180	'5931071_/_5931081'	3.33		3.33	0.368	0.5	3.33	2	No	0.368 Thermal Discharging
SLP087	181	'43819658_/_43819660_1'	3.33		3.33	0.368	0.3	3.33	2	No	0.3 Element Fault
SLP087	182	'6050151_/_580316795'	10		10	1.096	6.2	10	6.01	No	1.096 Thermal Discharging
SLP087	183	'424814310_/_424814398'	10		10	1.096	5	10	6.01	No	1.096 Thermal Discharging
SLP087	184	'5957362_/_5957372'	3.33		3.33	0.368	0.5	3.33	2	No	0.368 Thermal Discharging
SLP087	185	'4852737_/_4852751'	10		10	1.096	2.6	10	6.01	No	1.096 Thermal Discharging
SLP087	186	'6050134_/_580316835'	10		10	1.096	6.2	10	6.01	No	1.096 Thermal Discharging
SLP087	187	'433731023_/_433731029'	10		10	1.096	5	10	6.01	No	1.096 Thermal Discharging
SLP087	188	'53816943_/_6050131'	10		10	1.096	6.2	10	6.01	No	1.096 Thermal Discharging
SLP087	189	'582128771_/_582128777'	9.7		10	1.096	5	10	6.01	No	1.096 Thermal Discharging
SLP087	190	'53816935_/_53816945'	10		10	1.096	6.2	10	6.01	No	1.096 Thermal Discharging
SLP087	191	'43818880_/_4857082'	3.33		3.33	0.368	0.5	3.33	2	No	0.368 Thermal Discharging
SLP087	192	'4852736_/_4852734'	10		10	1.096	2.6	10	6.01	No	1.096 Thermal Discharging
SLP087	193	'43816327_/_5931068'	3.33		3.33	0.368	0.5	3.33	2	No	0.368 Thermal Discharging
SLP087	194	'53816904_/_53816907'	10		10	1.096	6.2	10	6.01	No	1.096 Thermal Discharging
SLP087	195	'582128739_/_582128803'	8.2		10	1.096	5	10	6.01	No	1.096 Thermal Discharging
SLP087	196	'5958565_/_5958576_2'	3.33		3.33	0.368	0.5	3.33	2	No	0.368 Thermal Discharging
SLP087	197	'53816878_/_53816881'	10		10	1.096	6.2	10	6.01	No	1.096 Thermal Discharging
SLP087	198	'43819809_/_5958021'	3.33		3.33	0.368	0.5	3.33	2	No	0.368 Thermal Discharging
SLP087	199	'53816852_/_53816855'	10		10	1.096	6.2	10	6.01	No	1.096 Thermal Discharging
SLP087	200	'5957270_/_5957268'	3.33		3.33	0.368	0.3	3.33	2	No	0.3 Element Fault
SLP087	201	'53816826_/_53816829'	10		10	1.096	6.2	10	6.01	No	1.096 Thermal Discharging
SLP087	202	'5957349_/_5957359'	3.33		3.33	0.368	0.5	3.33	2	No	0.368 Thermal Discharging
SLP087	203	'53816800_/_53816803'	10		10	1.096	6.2	10	6.01	No	1.096 Thermal Discharging
SLP087	204	'43819621_/_43819610'	10		10	1.096	3.5	10	6.01	No	1.096 Thermal Discharging
SLP087	205	'53816774_/_53816777'	10		10	1.096	6.2	10	6.01	No	1.096 Thermal Discharging
SLP087	206	'5931045_/_5931055'	3.33		3.33	0.368	0.5	3.33	2	No	0.368 Thermal Discharging
SLP087	207	'43819730_/_43819732'	3.33		3.33	0.368	0.5	3.33	2	No	0.368 Thermal Discharging
SLP087	208	'6047938_/_53816751'	10		10	1.096	6.2	10	6.01	No	1.096 Thermal Discharging
SLP087	209	'88714940_/_582128743'	6.7		10	1.096	5	10	6.01	No	1.096 Thermal Discharging
SLP087	210	'43599332_/_43599334'	10		10	1.096	2.6	10	6.01	No	1.096 Thermal Discharging
SLP087	211	'6047719_/_6047935'	10		10	1.096	6.2	10	6.01	No	1.096 Thermal Discharging
SLP087	212	'5958566_/_5958563'	3.33		3.33	0.368	0.5	3.33	2	No	0.368 Thermal Discharging
SLP087	213	'6047718_/_6047716_2'	10		10	1.096	6.2	10	6.01	No	1.096 Thermal Discharging
SLP087	214	'6048386_/_6047716_1'	10		10	1.096	6.2	10	6.01	No	1.096 Thermal Discharging
SLP087	215	'43818892_/_43818882'	3.33		3.33	0.368	0.5	3.33	2	No	0.368 Thermal Discharging
SLP087	216	'6048438_/_6048452'	10		10	1.096	6.2	10	6.01	No	1.096 Thermal Discharging
SLP087	217	'6047702_/_6048435'	10		10	1.096	6.2	10	6.01	No	1.096 Thermal Discharging
SLP087	218	'8064278_/_8379538_1'	10		10	1.096	6.2	10	6.01	No	1.096 Thermal Discharging
SLP087	219	'6047685_/_6047699'	10		10	1.096	6.2	10	6.01	No	1.096 Thermal Discharging
SLP087	220	'43819693_/_5958086'	2.57		3.33	0.368	0.3	3.33	2	No	0.3 Element Fault
SLP087	221	'5931181_/_5931178'	3.33		3.33	0.368	0.5	3.33	2	No	0.368 Thermal Discharging
SLP087	222	'5957759_/_5957756'	3.33		3.33	0.368	0.5	3.33	2	No	0.368 Thermal Discharging
SLP087	223	'37945982_/_8379538_2'	10		10	1.096	6.2	10	6.01	No	1.096 Thermal Discharging
SLP087	224	'404829932_/_37945979'	10		10	1.096	6.2	10	6.01	No	1.096 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SLP087	225	'37945996_/37945993'		10	10	1.096	4.8	10	6.01 No	1.096	Thermal Discharging
SLP087	226	'37946010_/37946007'		10	10	1.096	4.6	10	6.01 No	1.096	Thermal Discharging
SLP087	227	'6047684_/6047682'		10	10	1.096	6.2	10	6.01 No	1.096	Thermal Discharging
SLP087	228	'5931032_/5931042'		3.33	3.33	0.368	0.5	3.33	2 No	0.368	Thermal Discharging
SLP087	229	'5957785_/5957795_1'		3.27	3.33	0.368	0.3	3.33	2 No	0.3	Element Fault
SLP087	230	'6048065_/6048063'		10	10	1.096	6.2	10	6.01 No	1.096	Thermal Discharging
SLP087	231	'5958605_/5958602'		3.33	3.33	0.368	0.5	3.33	2 No	0.368	Thermal Discharging
SLP087	232	'4381964_/43819649'		2.33	3.33	0.368	0.5	3.33	2 No	0.368	Thermal Discharging
SLP087	233	'7516663_/7516660'		8.7	10	1.096	1.6	10	6.01 No	1.096	Thermal Discharging
SLP087	234	'5958153_/5958163'		2.27	3.33	0.368	0.3	3.33	2 No	0.3	Element Fault
SLP087	235	'8379520_/8379518'		10	10	1.096	4.6	10	6.01 No	1.096	Thermal Discharging
SLP087	236	'6048154_/6048151'		10	10	1.096	6.2	10	6.01 No	1.096	Thermal Discharging
SLP087	237	'4880187_/4889331'		10	10	1.096	2.6	10	6.01 No	1.096	Thermal Discharging
SLP087	238	'9001259_/9631217'		10	10	1.096	4.8	10	6.01 No	1.096	Thermal Discharging
SLP087	239	'44982029_/5957678'		2.2	3.33	0.368	0.5	3.33	2 No	0.368	Thermal Discharging
SLP087	240	'5931194_/5931191'		3.33	3.33	0.368	0.5	3.33	2 No	0.368	Thermal Discharging
SLP087	241	'4857101_/43818894'		3.33	3.33	0.368	0.5	3.33	2 No	0.368	Thermal Discharging
SLP087	242	'4880186_/4880184'		9.1	10	1.096	2.6	10	6.01 No	1.096	Thermal Discharging
SLP087	243	'8688176_/9001257_1'		10	10	1.096	3.4	10	6.01 No	1.096	Thermal Discharging
SLP087	244	'5931168_/5931207'		2.6	3.33	0.368	0.5	3.33	2 No	0.368	Thermal Discharging
SLP087	245	'4880224_/43596608_2'		3.1	3.33	0.368	0.87	3.33	2 No	0.368	Thermal Discharging
SLP087	246	'8688196_/8688194'		10	10	1.096	4.6	10	6.01 No	1.096	Thermal Discharging
SLP087	247	'43816316_/5931029'		2.33	3.33	0.368	0.5	3.33	2 No	0.368	Thermal Discharging
SLP087	248	'5957798_/5957795_2'		2.17	3.33	0.368	0.3	3.33	2 No	0.3	Element Fault
SLP087	249	'43819971_/5958615'		2.27	3.33	0.368	0.5	3.33	2 No	0.368	Thermal Discharging
SLP087	250	'5955359_/43819623'		5.7	10	1.096	3.5	10	6.01 No	1.096	Thermal Discharging
SLP087	251	'4855107_/4880204'		7.4	10	1.096	2.6	10	6.01 No	1.096	Thermal Discharging
SLP087	252	'43819820_/5957769'		2.03	3.33	0.368	0.5	3.33	2 No	0.368	Thermal Discharging
SLP087	253	'422783132_/422783134'		2.13	3.33	0.368	0.5	3.33	2 No	0.368	Thermal Discharging
SLP087	254	'5957323_/5957333'		1.8	3.33	0.368	0.5	3.33	2 No	0.368	Thermal Discharging
SLP087	255	'8060879_/8060877_1'		3.67	6.67	0.736	0.6	6.67	4.01 No	0.6	Element Fault
SLP087	256	'4852972_/4855105'		6.8	10	1.096	2.6	10	6.01 No	1.096	Thermal Discharging
SLP087	257	'43596606_/43596608_1'		2.67	3.33	0.368	0.3	3.33	2 No	0.3	Element Fault
SLP087	258	'43816338_/5931165'		2.03	3.33	0.368	0.5	3.33	2 No	0.368	Thermal Discharging
SLP087	259	'4852973_/4852970'		6.3	10	1.096	2.6	10	6.01 No	1.096	Thermal Discharging
SLP087	260	'5931249_/5958150'		1.63	3.33	0.368	0.3	3.33	2 No	0.3	Element Fault
SLP087	261	'5957811_/5957808'		1.77	3.33	0.368	0.3	3.33	2 No	0.3	Element Fault
SLP087	262	'5931018_/5931016'		1.83	3.33	0.368	0.5	3.33	2 No	0.368	Thermal Discharging
SLP087	263	'5958591_/43819973'		1.83	3.33	0.368	0.5	3.33	2 No	0.368	Thermal Discharging
SLP087	264	'5957404_/5957401'		1.7	3.33	0.368	0.5	3.33	2 No	0.368	Thermal Discharging
SLP087	265	'5957309_/5957320'		1.53	3.33	0.368	0.5	3.33	2 No	0.368	Thermal Discharging
SLP087	266	'8060880_/8060877_2'		3.13	6.67	0.736	0.6	6.67	4.01 No	0.6	Element Fault
SLP087	267	'5931223_/5931220'		1.77	3.33	0.368	0.5	3.33	2 No	0.368	Thermal Discharging
SLP087	268	'4852947_/4852957'		2.13	3.33	0.368	0.3	3.33	2 No	0.3	Element Fault
SLP087	269	'4853097_/4853111'		5.6	10	1.096	2.6	10	6.01 No	1.096	Thermal Discharging
SLP087	270	'5957824_/5957821'		1.57	3.33	0.368	0.3	3.33	2 No	0.3	Element Fault
SLP087	271	'5957310_/5957307'		1.43	3.33	0.368	0.5	3.33	2 No	0.368	Thermal Discharging
SLP087	272	'4853059_/4853094'		5.3	10	1.096	2.6	10	6.01 No	1.096	Thermal Discharging
SLP087	273	'5957442_/5958589'		1.6	3.33	0.368	0.5	3.33	2 No	0.368	Thermal Discharging
SLP087	274	'5931236_/5931246'		1.4	3.33	0.368	0.3	3.33	2 No	0.3	Element Fault
SLP087	275	'5931151_/5931149'		1.57	3.33	0.368	0.5	3.33	2 No	0.368	Thermal Discharging
SLP087	276	'43819982_/5955357'		4.1	10	1.096	3.5	10	6.01 No	1.096	Thermal Discharging
SLP087	277	'5957417_/5957414'		1.47	3.33	0.368	0.5	3.33	2 No	0.368	Thermal Discharging
SLP087	278	'43816305_/43816307'		1.5	3.33	0.368	0.5	3.33	2 No	0.368	Thermal Discharging
SLP087	279	'4852934_/4852944'		1.83	3.33	0.368	0.3	3.33	2 No	0.3	Element Fault
SLP087	280	'4853060_/4853057_1'		4.9	10	1.096	0.9	10	6.01 No	0.9	Element Fault
SLP087	281	'43819776_/5957889'		1.47	3.33	0.368	0.3	3.33	2 No	0.3	Element Fault
SLP087	282	'4856165_/4856163'		4.8	10	1.096	2.6	10	6.01 No	1.096	Thermal Discharging
SLP087	283	'4853079_/4853077'		4.8	10	1.096	2.6	10	6.01 No	1.096	Thermal Discharging
SLP087	284	'43596737_/4853057_2'		4.9	10	1.096	0.9	10	6.01 No	0.9	Element Fault
SLP087	285	'5954629_/5954626'		1.5	3.33	0.368	0.5	3.33	2 No	0.368	Thermal Discharging
SLP087	286	'5957443_/5957440'		1.4	3.33	0.368	0.5	3.33	2 No	0.368	Thermal Discharging
SLP087	287	'5957840_/5957837'		1.37	3.33	0.368	0.3	3.33	2 No	0.3	Element Fault
SLP087	288	'4853131_/4853128'		4.5	10	1.096	2.6	10	6.01 No	1.096	Thermal Discharging
SLP087	289	'5951028_/5951038'		1.4	3.33	0.368	0.5	3.33	2 No	0.368	Thermal Discharging
SLP087	290	'5955380_/5955377'		2.47	6.67	0.736	2.33	6.67	4.01 No	0.736	Thermal Discharging
SLP087	291	'43596595_/4852931'		1.63	3.33	0.368	0.3	3.33	2 No	0.3	Element Fault
SLP087	292	'4853154_/4853167_1'		1.5	3.33	0.368	0.3	3.33	2 No	0.3	Element Fault
SLP087	293	'43816447_/43816449'		1.2	3.33	0.368	0.3	3.33	2 No	0.3	Element Fault
SLP087	294	'5957905_/5957902'		1.3	3.33	0.368	0.3	3.33	2 No	0.3	Element Fault
SLP087	295	'5957430_/43819833'		1.27	3.33	0.368	0.5	3.33	2 No	0.368	Thermal Discharging
SLP087	296	'4854865_/4856183'		4.2	10	1.096	2.6	10	6.01 No	1.096	Thermal Discharging
SLP087	297	'5943411_/5943409'		1.3	3.33	0.368	0.5	3.33	2 No	0.368	Thermal Discharging
SLP087	298	'4853170_/4853167_2'		1.5	3.33	0.368	0.3	3.33	2 No	0.3	Element Fault
SLP087	299	'5957456_/5957453'		1.27	3.33	0.368	0.5	3.33	2 No	0.368	Thermal Discharging
SLP087	300	'5954642_/5954639'		1.3	3.33	0.368	0.5	3.33	2 No	0.368	Thermal Discharging
SLP087	301	'5955398_/5955395'		2.33	6.67	0.736	2.33	6.67	4.01 No	0.736	Thermal Discharging
SLP087	302	'4852989_/43596739'		4	10	1.096	0.9	10	6.01 No	0.9	Element Fault
SLP087	303	'43819787_/5957850'		1.23	3.33	0.368	0.3	3.33	2 No	0.3	Element Fault
SLP087	304	'4856140_/4856150'		1.47	3.33	0.368	0.3	3.33	2 No	0.3	Element Fault
SLP087	305	'5957918_/5957915'		1.17	3.33	0.368	0.3	3.33	2 No	0.3	Element Fault
SLP087	306	'4853006_/4853003'		3.7	10	1.096	0.9	10	6.01 No	0.9	Element Fault
SLP087	307	'43819440_/5951025'		1.2	3.33	0.368	0.5	3.33	2 No	0.368	Thermal Discharging
SLP087	308	'4854848_/4854862'		3.8	10	1.096	2.6	10	6.01 No	1.096	Thermal Discharging
SLP087	309	'4853183_/4853180'		1.43	3.33	0.368	0.3	3.33	2 No	0.3	Element Fault
SLP087	310	'5954655_/5954652'		1.17	3.33	0.368	0.5	3.33	2 No	0.368	Thermal Discharging
SLP087	311	'5931235_/5931233'		1.07	3.33	0.368	0.3	3.33	2 No	0.3	Element Fault
SLP087	312	'5957866_/43819789'		1.13	3.33	0.368	0.3	3.33	2 No	0.3	Element Fault
SLP087	313	'5948584_/5951012'		1.17	3.33	0.368	0.5	3.33	2 No	0.368	Thermal Discharging
SLP087	314	'43819842_/5957466'		1.17	3.33	0.368	0.5	3.33	2 No	0.368	Thermal Discharging
SLP087	315	'4852921_/4856137'		1.33	3.33	0.368	0.3	3.33	2 No	0.3	Element Fault
SLP087	316	'5957931_/5957928'		1.1	3.33	0.368	0.3	3.33	2 No	0.3	Element Fault
SLP087	317	'43596711_/4853023'		3.4	10	1.096	0.9	10	6.01 No	0.9	Element Fault
SLP087	318	'43597845_/4854845'		3.4	10	1.096	2.6	10	6.01 No	1.096	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SLP087	319	'5931139_/_5948581'	1.07	3.33	3.33	0.368	0.5	3.33	2 No	0.368	Thermal Discharging
SLP087	320	'4854765_/_4854775'	1.3	3.33	3.33	0.368	0.3	3.33	2 No	0.3	Element Fault
SLP087	321	'5957879_/_5957876'	1.03	3.33	3.33	0.368	0.3	3.33	2 No	0.3	Element Fault
SLP087	322	'5957469_/_43819844'	1.07	3.33	3.33	0.368	0.5	3.33	2 No	0.368	Thermal Discharging
SLP087	323	'4852908_/_4852918'	1.23	3.33	3.33	0.368	0.3	3.33	2 No	0.3	Element Fault
SLP087	324	'5958037_/_5958034'	1	3.33	3.33	0.368	0.3	3.33	2 No	0.3	Element Fault
SLP087	325	'4853043_/_43596713'	3.1	10	10	1.096	0.9	10	6.01 No	0.9	Element Fault
SLP087	326	'4854814_/_4854828'	3.2	10	10	1.096	2.6	10	6.01 No	1.096	Thermal Discharging
SLP087	327	'5931126_/_5931136'	1	3.33	3.33	0.368	0.5	3.33	2 No	0.368	Thermal Discharging
SLP087	328	'43597834_/_4854762'	1.2	3.33	3.33	0.368	0.3	3.33	2 No	0.3	Element Fault
SLP087	329	'4852990_/_4852987'	1.17	3.33	3.33	0.368	0.3	3.33	2 No	0.3	Element Fault
SLP087	330	'5958536_/_43819800'	0.97	3.33	3.33	0.368	0.3	3.33	2 No	0.3	Element Fault
SLP087	331	'4852724_/_4852905'	1.13	3.33	3.33	0.368	0.3	3.33	2 No	0.3	Element Fault
SLP087	332	'43819875_/_5958047'	0.93	3.33	3.33	0.368	0.3	3.33	2 No	0.3	Element Fault
SLP087	333	'4854791_/_4854811'	3	10	10	1.096	2.6	10	6.01 No	1.096	Thermal Discharging
SLP087	334	'4880266_/_4880276'	1.07	3.33	3.33	0.368	0.3	3.33	2 No	0.3	Element Fault
SLP087	335	'43596724_/_4854982'	2.8	10	10	1.096	0.9	10	6.01 No	0.9	Element Fault
SLP087	336	'4854736_/_4854749'	1.1	3.33	3.33	0.368	0.3	3.33	2 No	0.3	Element Fault
SLP087	337	'4854985_/_7987125_2'	2.8	10	10	1.096	0.9	10	6.01 No	0.9	Element Fault
SLP087	338	'57707333_/_53666570'	0.9	3.33	3.33	0.368	0.5	3.33	2 No	0.368	Thermal Discharging
SLP087	339	'7987127_/_7987125_1'	2.7	10	10	1.096	0.9	10	6.01 No	0.9	Element Fault
SLP087	340	'57707345_/_57707282_1'	0.9	3.33	3.33	0.368	0.3	3.33	2 No	0.3	Element Fault
SLP087	341	'43816004_/_43816006'	1.03	3.33	3.33	0.368	0.3	3.33	2 No	0.3	Element Fault
SLP087	342	'4854684_/_4854788'	2.8	10	10	1.096	2.6	10	6.01 No	1.096	Thermal Discharging
SLP087	343	'5958050_/_43819877'	0.87	3.33	3.33	0.368	0.3	3.33	2 No	0.3	Element Fault
SLP087	344	'4854735_/_4854733'	1.03	3.33	3.33	0.368	0.3	3.33	2 No	0.3	Element Fault
SLP087	345	'4852698_/_4852708'	0.97	3.33	3.33	0.368	0.3	3.33	2 No	0.3	Element Fault
SLP087	346	'4880253_/_4880263'	0.93	3.33	3.33	0.368	0.3	3.33	2 No	0.3	Element Fault
SLP087	347	'43597810_/_4854682'	2.6	10	10	1.096	2.6	10	6.01 No	1.096	Thermal Discharging
SLP087	348	'4854702_/_92340444'	2.5	10	10	1.096	2.6	10	6.01 No	1.096	Thermal Discharging
SLP087	349	'4880252_/_4880250'	0.9	3.33	3.33	0.368	0.3	3.33	2 No	0.3	Element Fault
SLP087	350	'4852685_/_4852695'	0.93	3.33	3.33	0.368	0.3	3.33	2 No	0.3	Element Fault
SLP087	351	'86825782_/_86825634_1'	2.5	10	10	1.096	0.9	10	6.01 No	0.9	Element Fault
SLP087	352	'4854927_/_4854925'	2.5	10	10	1.096	2.6	10	6.01 No	1.096	Thermal Discharging
SLP087	353	'86825623_/_86825634_2'	2.4	10	10	1.096	0.9	10	6.01 No	0.9	Element Fault
SLP087	354	'57707285_/_57707282_2'	0.73	3.33	3.33	0.368	0.3	3.33	2 No	0.3	Element Fault
SLP087	355	'4852672_/_4852682'	0.87	3.33	3.33	0.368	0.3	3.33	2 No	0.3	Element Fault
SLP087	356	'4854667_/_4854962'	2.3	10	10	1.096	2.6	10	6.01 No	1.096	Thermal Discharging
SLP087	357	'4854719_/_4854716'	2.3	10	10	1.096	2.6	10	6.01 No	1.096	Thermal Discharging
SLP087	358	'4854902_/_4854912_1'	0.77	3.33	3.33	0.368	0.3	3.33	2 No	0.3	Element Fault
SLP087	359	'8931866_/_8931863_1'	2.3	10	10	1.096	0.9	10	6.01 No	0.9	Element Fault
SLP087	360	'4852659_/_4852669'	0.83	3.33	3.33	0.368	0.3	3.33	2 No	0.3	Element Fault
SLP087	361	'4854915_/_4854912_2'	0.77	3.33	3.33	0.368	0.3	3.33	2 No	0.3	Element Fault
SLP087	362	'4853399_/_4854879'	2.2	10	10	1.096	2.6	10	6.01 No	1.096	Thermal Discharging
SLP087	363	'43815993_/_43815995'	0.8	3.33	3.33	0.368	0.3	3.33	2 No	0.3	Element Fault
SLP087	364	'4854652_/_4854664'	1.4	6.67	6.67	0.736	1.73	6.67	4.01 No	0.736	Thermal Discharging
SLP087	365	'8931865_/_8931863_2'	2.1	10	10	1.096	0.9	10	6.01 No	0.9	Element Fault
SLP087	366	'43597858_/_4855994'	0.77	3.33	3.33	0.368	0.3	3.33	2 No	0.3	Element Fault
SLP087	367	'43597066_/_43597068'	2.1	10	10	1.096	2.6	10	6.01 No	1.096	Thermal Discharging
SLP087	368	'4852633_/_4852643'	0.73	3.33	3.33	0.368	0.3	3.33	2 No	0.3	Element Fault
SLP087	369	'9560024_/_9560022'	1.9	10	10	1.096	0.9	10	6.01 No	0.9	Element Fault
SLP087	370	'4854563_/_4854649'	1.33	6.67	6.67	0.736	1.73	6.67	4.01 No	0.736	Thermal Discharging
SLP087	371	'4853365_/_4853379'	2	10	10	1.096	2.6	10	6.01 No	1.096	Thermal Discharging
SLP087	372	'4854564_/_4854574_1'	0.63	3.33	3.33	0.368	0.3	3.33	2 No	0.3	Element Fault
SLP087	373	'102880436_/_102880433'	2	10	10	1.096	2.6	10	6.01 No	1.096	Thermal Discharging
SLP087	374	'4856010_/_43597860'	0.73	3.33	3.33	0.368	0.3	3.33	2 No	0.3	Element Fault
SLP087	375	'106225871_/_102880460_1'	2	10	10	1.096	1	10	6.01 No	1	Element Fault
SLP087	376	'4852632_/_4852630'	0.7	3.33	3.33	0.368	0.3	3.33	2 No	0.3	Element Fault
SLP087	377	'86825682_/_102880460_2'	1.9	10	10	1.096	1	10	6.01 No	1	Element Fault
SLP087	378	'4854577_/_4854574_2'	0.63	3.33	3.33	0.368	0.3	3.33	2 No	0.3	Element Fault
SLP087	379	'4853348_/_4853362'	1.9	9.9	10	1.096	2.6	10	6.01 No	1.096	Thermal Discharging
SLP087	380	'4856203_/_4856200'	0.7	3.33	3.33	0.368	0.3	3.33	2 No	0.3	Element Fault
SLP087	381	'102880510_/_102880546'	1.9	9.8	10	1.096	1	10	6.01 No	1	Element Fault
SLP087	382	'4854622_/_4854634'	1.2	6.67	6.67	0.736	1.73	6.67	4.01 No	0.736	Thermal Discharging
SLP087	383	'7670703_/_8304964'	1.9	9.7	10	1.096	1	10	6.01 No	1	Element Fault
SLP087	384	'4854593_/_4854590'	0.6	3.23	3.33	0.368	0.3	3.33	2 No	0.3	Element Fault
SLP087	385	'4853328_/_4853345'	1.8	9.4	10	1.096	2.6	10	6.01 No	1.096	Thermal Discharging
SLP087	386	'7670704_/_7670701'	1.8	9.4	10	1.096	1	10	6.01 No	1	Element Fault
SLP087	387	'4853310_/_4853325'	1.8	8.9	10	1.096	2.6	10	6.01 No	1.096	Thermal Discharging
SLP087	388	'43597823_/_4854606'	0.57	3.07	3.33	0.368	0.3	3.33	2 No	0.3	Element Fault
SLP087	389	'4853523_/_4853520_2'	1.2	5.93	6.67	0.736	1.73	6.67	4.01 No	0.736	Thermal Discharging
SLP087	390	'4854010_/_4854619'	1.13	6.07	6.67	0.736	1.73	6.67	4.01 No	0.736	Thermal Discharging
SLP087	391	'4854519_/_4854532_1'	0.57	3	3.33	0.368	0.3	3.33	2 No	0.3	Element Fault
SLP087	392	'4854535_/_4854532_2'	0.53	2.9	3.33	0.368	0.3	3.33	2 No	0.3	Element Fault
SLP087	393	'4854609_/_43597825'	0.57	2.93	3.33	0.368	0.3	3.33	2 No	0.3	Element Fault
SLP087	394	'43597054_/_43597056'	1.13	5.6	6.67	0.736	1.73	6.67	4.01 No	0.736	Thermal Discharging
SLP087	395	'4853508_/_4853520_1'	1.2	5.6	6.67	0.736	0.6	6.67	4.01 No	0.6	Element Fault
SLP087	396	'4853295_/_4853292_2'	1.13	5.6	6.67	0.736	1.73	6.67	4.01 No	0.736	Thermal Discharging
SLP087	397	'4853992_/_4854008'	1.07	5.73	6.67	0.736	1.73	6.67	4.01 No	0.736	Thermal Discharging
SLP087	398	'4854548_/_4854545'	0.53	2.8	3.33	0.368	0.3	3.33	2 No	0.3	Element Fault
SLP087	399	'43597042_/_4853292_1'	1.07	5.4	6.67	0.736	0.6	6.67	4.01 No	0.6	Element Fault
SLP087	400	'7149207_/_7149204'	0.5	2.7	3.33	0.368	0.3	3.33	2 No	0.3	Element Fault
SLP087	401	'4853490_/_4853505'	1.13	5.2	6.67	0.736	0.6	6.67	4.01 No	0.6	Element Fault
SLP087	402	'4853979_/_4853990'	1	5.27	6.67	0.736	1.73	6.67	4.01 No	0.736	Thermal Discharging
SLP087	403	'4853262_/_4853274'	1	5.13	6.67	0.736	0.6	6.67	4.01 No	0.6	Element Fault
SLP087	404	'64380184_/_4854263_1'	0.5	2.63	3.33	0.368	0.3	3.33	2 No	0.3	Element Fault
SLP087	405	'4853475_/_4853487'	1.13	5.07	6.67	0.736	0.6	6.67	4.01 No	0.6	Element Fault
SLP087	406	'4854266_/_4854263_2'	0.5	2.53	3.33	0.368	0.3	3.33	2 No	0.3	Element Fault
SLP087	407	'4853261_/_4853259'	1	4.93	6.67	0.736	0.6	6.67	4.01 No	0.6	Element Fault
SLP087	408	'4853560_/_43597128'	0.57	2.47	3.33	0.368	0.3	3.33	2 No	0.3	Element Fault
SLP087	409	'43597092_/_43597094'	1.07	4.87	6.67	0.736	0.6	6.67	4.01 No	0.6	Element Fault
SLP087	410	'4853963_/_4853977'	0.5	2.47	3.33	0.368	0.87	3.33	2 No	0.368	Thermal Discharging
SLP087	411	'4854279_/_4854276'	0.47	2.47	3.33	0.368	0.3	3.33	2 No	0.3	Element Fault
SLP087	412	'43597030_/_43597032'	0.93	4.73	6.67	0.736	0.6	6.67	4.01 No	0.6	Element Fault

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Over-Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SLP087	413	'4853439_/_4853454'		1.07	4.67	6.67	0.736	0.6	6.67	4.01 No	0.6 Element Fault
SLP087	414	'4854292_/_4854289'		0.47	2.37	3.33	0.368	0.3	3.33	2 No	0.3 Element Fault
SLP087	415	'4877213_/_4877225'		0.93	4.6	6.67	0.736	0.6	6.67	4.01 No	0.6 Element Fault
SLP087	416	'4853950_/_4853961'		0.5	2.33	3.33	0.368	0.87	3.33	2 No	0.368 Thermal Discharging
SLP087	417	'4854026_/_4854036_1'		0.5	2.33	3.33	0.368	0.3	3.33	2 No	0.3 Element Fault
SLP087	418	'4853438_/_4853436'		1	4.53	6.67	0.736	0.6	6.67	4.01 No	0.6 Element Fault
SLP087	419	'43597766_/_4854305'		0.43	2.3	3.33	0.368	0.3	3.33	2 No	0.3 Element Fault
SLP087	420	'4854039_/_4854036_2'		0.5	2.27	3.33	0.368	0.3	3.33	2 No	0.3 Element Fault
SLP087	421	'4853247_/_4877210'		0.87	4.47	6.67	0.736	0.6	6.67	4.01 No	0.6 Element Fault
SLP087	422	'4853543_/_4853541'		0.5	2.2	3.33	0.368	0.3	3.33	2 No	0.3 Element Fault
SLP087	423	'4853937_/_4853948'		0.5	2.23	3.33	0.368	0.87	3.33	2 No	0.368 Thermal Discharging
SLP087	424	'4877274_/_4877284'		0.5	2.2	3.33	0.368	0.3	3.33	2 No	0.3 Element Fault
SLP087	425	'4854321_/_4854318'		0.43	2.2	3.33	0.368	0.3	3.33	2 No	0.3 Element Fault
SLP087	426	'4854052_/_4854049'		0.5	2.2	3.33	0.368	0.3	3.33	2 No	0.3 Element Fault
SLP087	427	'43597018_/_4853244'		0.87	4.27	6.67	0.736	0.6	6.67	4.01 No	0.6 Element Fault
SLP087	428	'4877303_/_4877300'		0.5	2.13	3.33	0.368	0.3	3.33	2 No	0.3 Element Fault
SLP087	429	'43597104_/_4877271'		0.5	2.13	3.33	0.368	0.3	3.33	2 No	0.3 Element Fault
SLP087	430	'4853924_/_4853935_1'		0.5	2.13	3.33	0.368	0.3	3.33	2 No	0.3 Element Fault
SLP087	431	'4854334_/_4854331'		0.43	2.13	3.33	0.368	0.3	3.33	2 No	0.3 Element Fault
SLP087	432	'4854065_/_4854062'		0.5	2.13	3.33	0.368	0.3	3.33	2 No	0.3 Element Fault
SLP087	433	'4853847_/_4853935_2'		0.5	2.13	3.33	0.368	0.3	3.33	2 No	0.3 Element Fault
SLP087	434	'4853214_/_4853226'		0.87	4.13	6.67	0.736	0.6	6.67	4.01 No	0.6 Element Fault
SLP087	435	'4871548_/_4877255'		0.47	2.07	3.33	0.368	0.3	3.33	2 No	0.3 Element Fault
SLP087	436	'4853860_/_4853857'		0.47	2.07	3.33	0.368	0.3	3.33	2 No	0.3 Element Fault
SLP087	437	'4854347_/_4854344'		0.4	2.07	3.33	0.368	0.3	3.33	2 No	0.3 Element Fault
SLP087	438	'4853808_/_4853909'		0.47	2.07	3.33	0.368	0.3	3.33	2 No	0.3 Element Fault
SLP087	439	'43597733_/_4854075'		0.47	2.07	3.33	0.368	0.3	3.33	2 No	0.3 Element Fault
SLP087	440	'4853196_/_4853211'		0.8	4.07	6.67	0.736	0.6	6.67	4.01 No	0.6 Element Fault
SLP087	441	'4853821_/_4853818'		0.47	2.03	3.33	0.368	0.3	3.33	2 No	0.3 Element Fault
SLP087	442	'4871535_/_4871545'		0.47	2	3.33	0.368	0.3	3.33	2 No	0.3 Element Fault
SLP087	443	'4853195_/_4853193'		0.8	4	6.67	0.736	0.6	6.67	4.01 No	0.6 Element Fault
SLP087	444	'4853873_/_4853870'		0.47	2.03	3.33	0.368	0.3	3.33	2 No	0.3 Element Fault
SLP087	445	'4854363_/_4854360'		0.4	2.03	3.33	0.368	0.3	3.33	2 No	0.3 Element Fault
SLP087	446	'4854094_/_4854091'		0.47	2	3.33	0.368	0.3	3.33	2 No	0.3 Element Fault
SLP087	447	'53083376_/_4853844'		0.47	2	3.33	0.368	0.3	3.33	2 No	0.3 Element Fault
SLP087	448	'4871534_/_4871532'		0.43	1.93	3.33	0.368	0.3	3.33	2 No	0.3 Element Fault
SLP087	449	'4853682_/_4853831'		0.47	1.97	3.33	0.368	0.3	3.33	2 No	0.3 Element Fault
SLP087	450	'4871561_/_4871558'		0.43	1.93	3.33	0.368	0.3	3.33	2 No	0.3 Element Fault
SLP087	451	'4853807_/_4853805'		0.47	1.97	3.33	0.368	0.3	3.33	2 No	0.3 Element Fault
SLP087	452	'4853886_/_4853883'		0.47	1.97	3.33	0.368	0.3	3.33	2 No	0.3 Element Fault
SLP087	453	'4854454_/_4854451'		0.4	1.97	3.33	0.368	0.3	3.33	2 No	0.3 Element Fault
SLP087	454	'4854376_/_4854373'		0.4	1.97	3.33	0.368	0.3	3.33	2 No	0.3 Element Fault
SLP087	455	'4854107_/_4854104'		0.47	1.97	3.33	0.368	0.3	3.33	2 No	0.3 Element Fault
SLP087	456	'4881056_/_4881054'		0.43	1.93	3.33	0.368	0.3	3.33	2 No	0.3 Element Fault
SLP087	457	'4853681_/_4853679'		0.43	1.9	3.33	0.368	0.3	3.33	2 No	0.3 Element Fault
SLP087	458	'43597722_/_4853896'		0.43	1.9	3.33	0.368	0.3	3.33	2 No	0.3 Element Fault
SLP087	459	'4854467_/_4854464'		0.37	1.9	3.33	0.368	0.3	3.33	2 No	0.3 Element Fault
SLP087	460	'4854120_/_4854117'		0.43	1.9	3.33	0.368	0.3	3.33	2 No	0.3 Element Fault
SLP087	461	'43597755_/_4854386'		0.37	1.9	3.33	0.368	0.3	3.33	2 No	0.3 Element Fault
SLP087	462	'4873012_/_4873010'		0.43	1.83	3.33	0.368	0.3	3.33	2 No	0.3 Element Fault
SLP087	463	'4854480_/_4854477'		0.37	1.87	3.33	0.368	0.3	3.33	2 No	0.3 Element Fault
SLP087	464	'4854402_/_4854399'		0.37	1.87	3.33	0.368	0.3	3.33	2 No	0.3 Element Fault
SLP087	465	'4854133_/_4854130'		0.43	1.83	3.33	0.368	0.3	3.33	2 No	0.3 Element Fault
SLP087	466	'4854493_/_4854490'		0.37	1.83	3.33	0.368	0.3	3.33	2 No	0.3 Element Fault
SLP087	467	'4854415_/_4854412'		0.37	1.83	3.33	0.368	0.3	3.33	2 No	0.3 Element Fault
SLP087	468	'43597700_/_4853695'		0.43	1.83	3.33	0.368	0.3	3.33	2 No	0.3 Element Fault
SLP087	469	'4854188_/_4854198'		0.43	1.8	3.33	0.368	0.3	3.33	2 No	0.3 Element Fault
SLP087	470	'4854146_/_4854143'		0.43	1.8	3.33	0.368	0.3	3.33	2 No	0.3 Element Fault
SLP087	471	'43597799_/_4854503'		0.37	1.8	3.33	0.368	0.3	3.33	2 No	0.3 Element Fault
SLP087	472	'4854428_/_4854425'		0.33	1.8	3.33	0.368	0.3	3.33	2 No	0.3 Element Fault
SLP087	473	'4853710_/_43597702'		0.4	1.77	3.33	0.368	0.3	3.33	2 No	0.3 Element Fault
SLP087	474	'43597744_/_4854159'		0.4	1.77	3.33	0.368	0.3	3.33	2 No	0.3 Element Fault
SLP087	475	'4854175_/_4854185'		0.4	1.77	3.33	0.368	0.3	3.33	2 No	0.3 Element Fault
SLP087	476	'4854506_/_43597801'		0.33	1.77	3.33	0.368	0.3	3.33	2 No	0.3 Element Fault
SLP087	477	'4854441_/_4854438'		0.33	1.73	3.33	0.368	0.3	3.33	2 No	0.3 Element Fault
SLP087	478	'4853711_/_4853708'		0.4	1.73	3.33	0.368	0.3	3.33	2 No	0.3 Element Fault
SLP087	479	'4853723_/_4853792'		0.4	1.73	3.33	0.368	0.3	3.33	2 No	0.3 Element Fault
SLP087	480	'43597777_/_43597779'		0.4	1.73	3.33	0.368	0.3	3.33	2 No	0.3 Element Fault
SLP087	481	'4854162_/_43597746'		0.4	1.7	3.33	0.368	0.3	3.33	2 No	0.3 Element Fault
SLP087	482	'4853766_/_4853779'		0.4	1.7	3.33	0.368	0.3	3.33	2 No	0.3 Element Fault
SLP087	483	'4853591_/_4854172'		0.4	1.7	3.33	0.368	0.3	3.33	2 No	0.3 Element Fault
SLP087	484	'4853724_/_4853721'		0.4	1.7	3.33	0.368	0.3	3.33	2 No	0.3 Element Fault
SLP087	485	'4854214_/_4854211'		0.4	1.67	3.33	0.368	0.3	3.33	2 No	0.3 Element Fault
SLP087	486	'4853590_/_4853588'		0.4	1.67	3.33	0.368	0.3	3.33	2 No	0.3 Element Fault
SLP087	487	'4853753_/_4853763'		0.4	1.67	3.33	0.368	0.3	3.33	2 No	0.3 Element Fault
SLP087	488	'4853604_/_4853601'		0.37	1.63	3.33	0.368	0.3	3.33	2 No	0.3 Element Fault
SLP087	489	'43597788_/_4854224'		0.37	1.63	3.33	0.368	0.3	3.33	2 No	0.3 Element Fault
SLP087	490	'4853617_/_4853614'		0.37	1.6	3.33	0.368	0.3	3.33	2 No	0.3 Element Fault
SLP087	491	'4854227_/_43597790'		0.37	1.6	3.33	0.368	0.3	3.33	2 No	0.3 Element Fault
SLP087	492	'43597689_/_43597691'		0.37	1.6	3.33	0.368	0.3	3.33	2 No	0.3 Element Fault
SLP087	493	'43597678_/_4853627'		0.37	1.53	3.33	0.368	0.3	3.33	2 No	0.3 Element Fault
SLP087	494	'4853752_/_4853750'		0.37	1.57	3.33	0.368	0.3	3.33	2 No	0.3 Element Fault
SLP087	495	'4853643_/_43597680'		0.37	1.5	3.33	0.368	0.3	3.33	2 No	0.3 Element Fault
SLP087	496	'43597667_/_4853653'		0.33	1.43	3.33	0.368	0.3	3.33	2 No	0.3 Element Fault
SLP087	497	'45058853_/_4853666'		0.33	1.4	3.33	0.368	0.3	3.33	2 No	0.3 Element Fault
SLP091	0	'SLP091_/_8060935'		10	10	10	0.896	10	10	5.28 No	0.896 Thermal Discharging
SLP091	1	'8060937_/_8060935'		10	10	10	0.896	10	10	5.28 No	0.896 Thermal Discharging
SLP091	2	'8061037_/_8375934'		10	10	10	0.896	10	10	5.28 No	0.896 Thermal Discharging
SLP091	3	'8061038_/_8061035'		10	10	10	0.896	10	10	5.28 No	0.896 Thermal Discharging
SLP091	4	'59418855_/_594188859'		10	10	10	0.896	10	10	5.28 No	0.896 Thermal Discharging
SLP091	5	'7425758_/_9318190'		10	10	10	0.896	10	10	5.28 No	0.896 Thermal Discharging
SLP091	6	'654794024_/_654794035'		10	10	10	0.896	10	10	5.28 No	0.896 Thermal Discharging
SLP091	7	'654794013_/_654794021'		10	10	10	0.896	10	10	5.28 No	0.896 Thermal Discharging
SLP091	8	'594188659_/_654794010'		10	10	10	0.896	10	10	5.28 No	0.896 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over- Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SLP091	9	'7424946_/_9002681'		10	10	10	0.896	10	10	5.28 No	0.896 Thermal Discharging
SLP091	10	'8374740_/_6463949600'		10	10	10	0.896	10	10	5.28 No	0.896 Thermal Discharging
SLP091	11	'8374741_/_8374738'		10	10	10	0.896	10	10	5.28 No	0.896 Thermal Discharging
SLP091	12	'7736628_/_9003747'		10	10	10	0.896	10	10	5.28 No	0.896 Thermal Discharging
SLP091	13	'7736627_/_7736625'		10	10	10	0.896	10	10	5.28 No	0.896 Thermal Discharging
SLP091	14	'7425949_/_9318050'		10	10	10	0.896	10	10	5.28 No	0.896 Thermal Discharging
SLP091	15	'7425948_/_7425946'		10	10	10	0.896	10	10	5.28 No	0.896 Thermal Discharging
SLP091	16	'7736759_/_7736757'		10	10	10	0.896	10	10	5.28 No	0.896 Thermal Discharging
SLP091	17	'9318072_/_9318070'		10	10	10	0.896	10	10	5.28 No	0.896 Thermal Discharging
SLP091	18	'8685725_/_9628531'		10	10	10	0.896	10	10	5.28 No	0.896 Thermal Discharging
SLP091	19	'8685724_/_8685722'		10	10	10	0.896	10	10	5.28 No	0.896 Thermal Discharging
SLP091	20	'8371433_/_8738612'		10	10	10	0.896	10	10	5.28 No	0.896 Thermal Discharging
SLP091	21	'8062410_/_8371430'		10	10	10	0.896	10	10	5.28 No	0.896 Thermal Discharging
SLP091	22	'8062409_/_8062407'		10	10	10	0.896	10	10	5.28 No	0.896 Thermal Discharging
SLP091	23	'8108571_/_8371470'		10	10	10	0.896	10	10	5.28 No	0.896 Thermal Discharging
SLP091	24	'8108570_/_8108568'		10	10	10	0.896	10	10	5.28 No	0.896 Thermal Discharging
SLP091	25	'7429458_/_9321414'		10	10	10	0.896	10	10	5.28 No	0.896 Thermal Discharging
SLP091	26	'7429459_/_7429456'		10	10	10	0.896	10	10	5.28 No	0.896 Thermal Discharging
SLP091	27	'59958645_/_7739703'		10	10	10	0.896	10	10	5.28 No	0.896 Thermal Discharging
SLP091	28	'51203854_/_51203859'		10	10	10	0.896	10	10	5.28 No	0.896 Thermal Discharging
SLP091	29	'51203922_/_51203924'		10	10	10	0.896	10	10	5.28 No	0.896 Thermal Discharging
SLP091	30	'578181524_/_51203949'		10	10	10	0.896	10	10	5.28 No	0.896 Thermal Discharging
SLP091	31	'578181566_/_578181616'		10	10	10	0.896	10	10	5.28 No	0.896 Thermal Discharging
SLP091	32	'51203947_/_578181572'		10	10	10	0.896	10	10	5.28 No	0.896 Thermal Discharging
SLP091	33	'51204022_/_51203995_2'		10	10	10	0.896	10	10	5.28 No	0.896 Thermal Discharging
SLP091	34	'43834530_/_51203995_1'		10	10	10	0.896	10	10	5.28 No	0.896 Thermal Discharging
SLP091	35	'6039441_/_6059718'		10	10	10	0.896	10	10	5.28 No	0.896 Thermal Discharging
SLP091	36	'76591699_/_43834532'		10	10	10	0.896	10	10	5.28 No	0.896 Thermal Discharging
SLP091	37	'76591752_/_76591703_1'		10	10	10	0.896	10	10	5.28 No	0.896 Thermal Discharging
SLP091	38	'6039424_/_6039438'		10	10	10	0.896	10	10	5.28 No	0.896 Thermal Discharging
SLP091	39	'6039407_/_6039421'		10	10	10	0.896	10	10	5.28 No	0.896 Thermal Discharging
SLP091	40	'6039388_/_6039386_1'	6.67	6.67	6.67	0.6	1	6.67	3.52 No	0.6 Thermal Discharging	
SLP091	41	'6029170_/_6039404'		10	10	10	0.896	10	10	5.28 No	0.896 Thermal Discharging
SLP091	42	'6028750_/_6029167'		10	10	10	0.896	10	10	5.28 No	0.896 Thermal Discharging
SLP091	43	'515108768_/_6028764_1'		10	10	10	0.896	1.6	10	5.28 No	0.896 Thermal Discharging
SLP091	44	'6029149_/_6029147'		10	10	10	0.896	10	10	5.28 No	0.896 Thermal Discharging
SLP091	45	'6028751_/_6028764_2'		10	10	10	0.896	1.6	10	5.28 No	0.896 Thermal Discharging
SLP091	46	'43834491_/_6039472'		10	10	10	0.896	4.6	10	5.28 No	0.896 Thermal Discharging
SLP091	47	'43838563_/_6034757'		10	10	10	0.896	10	10	5.28 No	0.896 Thermal Discharging
SLP091	48	'43834480_/_6028764_3'		10	10	10	0.896	1.6	10	5.28 No	0.896 Thermal Discharging
SLP091	49	'6034660_/_6034774'		10	10	10	0.896	10	10	5.28 No	0.896 Thermal Discharging
SLP091	50	'6029187_/_6029184'		10	10	10	0.896	3.5	10	5.28 No	0.896 Thermal Discharging
SLP091	51	'49934646_/_8992823_2'	3.33	3.33	3.33	0.296	1.17	3.33	1.76 No	0.296 Thermal Discharging	
SLP091	52	'6057090_/_6057172'		10	10	10	0.896	10	10	5.28 No	0.896 Thermal Discharging
SLP091	53	'6057089_/_6057087'		10	10	10	0.896	10	10	5.28 No	0.896 Thermal Discharging
SLP091	54	'6039389_/_6039386_2'	5.33	6.67	6.67	0.6	1	6.67	3.52 No	0.6 Thermal Discharging	
SLP091	55	'6057019_/_6057104'		10	10	10	0.896	10	10	5.28 No	0.896 Thermal Discharging
SLP091	56	'87003097_/_87002498_1'		10	10	10	0.896	10	10	5.28 No	0.896 Thermal Discharging
SLP091	57	'102265591_/_102265593'	8.4	10	10	10	0.896	1.6	10	5.28 No	0.896 Thermal Discharging
SLP091	58	'6057018_/_6057016'		10	10	10	0.896	10	10	5.28 No	0.896 Thermal Discharging
SLP091	59	'87003559_/_6057033_2'		10	10	10	0.896	10	10	5.28 No	0.896 Thermal Discharging
SLP091	60	'101927106_/_6057033_1'		10	10	10	0.896	10	10	5.28 No	0.896 Thermal Discharging
SLP091	61	'6057035_/_101927118'		10	10	10	0.896	10	10	5.28 No	0.896 Thermal Discharging
SLP091	62	'599822377_/_516033179_1'		10	10	10	0.896	1.5	10	5.28 No	0.896 Thermal Discharging
SLP091	63	'6059686_/_6059684'		10	10	10	0.896	10	10	5.28 No	0.896 Thermal Discharging
SLP091	64	'87002363_/_87002498_2'		9	10	10	0.896	10	10	5.28 No	0.896 Thermal Discharging
SLP091	65	'403425863_/_87002360'		9	10	10	0.896	10	10	5.28 No	0.896 Thermal Discharging
SLP091	66	'87002349_/_87002353'		9	10	10	0.896	10	10	5.28 No	0.896 Thermal Discharging
SLP091	67	'87002391_/_87002388'		9	10	10	0.896	4.8	10	5.28 No	0.896 Thermal Discharging
SLP091	68	'87002377_/_87002381'		9	10	10	0.896	4.7	10	5.28 No	0.896 Thermal Discharging
SLP091	69	'45082347_/_87003654'		7	10	10	0.896	1.6	10	5.28 No	0.896 Thermal Discharging
SLP091	70	'6057574_/_6059701'		10	10	10	0.896	10	10	5.28 No	0.896 Thermal Discharging
SLP091	71	'7738588_/_516033157'	4.8	6.67	6.67	0.6	1	6.67	3.52 No	0.6 Thermal Discharging	
SLP091	72	'8064257_/_87002604'		8.1	10	10	0.896	10	10	5.28 No	0.896 Thermal Discharging
SLP091	73	'536935857_/_8380128_1'	3.33	3.33	3.33	0.296	0.5	3.33	1.76 No	0.296 Thermal Discharging	
SLP091	74	'536935793_/_536935797'		10	10	10	0.896	10	10	5.28 No	0.896 Thermal Discharging
SLP091	75	'6057573_/_6057571'		10	10	10	0.896	10	10	5.28 No	0.896 Thermal Discharging
SLP091	76	'536935822_/_59927069_1'		9.6	10	10	0.896	2.3	10	5.28 No	0.896 Thermal Discharging
SLP091	77	'8688549_/_9001569_1'	3.33	3.33	3.33	0.296	0.5	3.33	1.76 No	0.296 Thermal Discharging	
SLP091	78	'43834469_/_6034727'		6.2	10	10	0.896	1.6	10	5.28 No	0.896 Thermal Discharging
SLP091	79	'8379864_/_59927069_2'		8.9	10	10	0.896	2.3	10	5.28 No	0.896 Thermal Discharging
SLP091	80	'6058891_/_6058889'		9.9	10	10	0.896	10	10	5.28 No	0.896 Thermal Discharging
SLP091	81	'9630414_/_87004344'		7.2	10	10	0.896	4.8	10	5.28 No	0.896 Thermal Discharging
SLP091	82	'536935849_/_8380128_2'	3.33	3.33	3.33	0.296	0.5	3.33	1.76 No	0.296 Thermal Discharging	
SLP091	83	'567948657_/_567948661'		8.2	10	10	0.896	2.3	10	5.28 No	0.896 Thermal Discharging
SLP091	84	'7738607_/_516033179_2'		7.2	10	10	0.896	1.5	10	5.28 No	0.896 Thermal Discharging
SLP091	85	'8688645_/_9001569_2'	3.33	3.33	3.33	0.296	0.5	3.33	1.76 No	0.296 Thermal Discharging	
SLP091	86	'598126240_/_598126244'		9.4	10	10	0.896	10	10	5.28 No	0.896 Thermal Discharging
SLP091	87	'76786817_/_43836687'		9.1	10	10	0.896	10	10	5.28 No	0.896 Thermal Discharging
SLP091	88	'598126180_/_6058267'		9	10	10	0.896	10	10	5.28 No	0.896 Thermal Discharging
SLP091	89	'6047474_/_6058906'		8.9	10	10	0.896	10	10	5.28 No	0.896 Thermal Discharging
SLP091	90	'604215182_/_6058284'		9	10	10	0.896	10	10	5.28 No	0.896 Thermal Discharging
SLP091	91	'7739425_/_7739423_1'		8.6	10	10	0.896	2.5	10	5.28 No	0.896 Thermal Discharging
SLP091	92	'6047457_/_6047471'		8.8	10	10	0.896	10	10	5.28 No	0.896 Thermal Discharging
SLP091	93	'8064574_/_9321830_1'		8.8	10	10	0.896	3.6	10	5.28 No	0.896 Thermal Discharging
SLP091	94	'6033927_/_6034711'		5.5	10	10	0.896	1.6	10	5.28 No	0.896 Thermal Discharging
SLP091	95	'87004697_/_87002980_2'		6.1	10	10	0.896	4.7	10	5.28 No	0.896 Thermal Discharging
SLP091	96	'6034356_/_87002980_1'		6	10	10	0.896	4.7	10	5.28 No	0.896 Thermal Discharging
SLP091	97	'412955522_/_412955548'	3.27	6.67	6.67	0.6	1	6.67	3.52 No	0.6 Thermal Discharging	
SLP091	98	'567948689_/_567948719'		6.5	10	10	0.896	2.3	10	5.28 No	0.896 Thermal Discharging
SLP091	99	'7739405_/_7739423_2'		6.9	10	10	0.896	2.5	10	5.28 No	0.896 Thermal Discharging
SLP091	100	'88545088_/_88545003'		5	10	10	0.896	1.6	10	5.28 No	0.896 Thermal Discharging
SLP091	101	'7738433_/_72299114'		5.5	10	10	0.896	4.8	10	5.28 No	0.896 Thermal Discharging
SLP091	102	'88545278_/_88545204_2'		5	10	10	0.896	1.6	10	5.28 No	0.896 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SLP091	103	'412955532_/_412955555'	3.07	6.67	6.67	0.6	1	6.67	3.52 No	0.6	Thermal Discharging
SLP091	104	'6034421_/_6034398'	5.3	10	10	0.896	3.6	10	5.28 No	0.896	Thermal Discharging
SLP091	105	'7738587_/_516033140'	5.5	10	10	0.896	1.5	10	5.28 No	0.896	Thermal Discharging
SLP091	106	'43838515_/_6034370'	2.03	3.33	3.33	0.296	1.57	3.33	1.76 No	0.296	Thermal Discharging
SLP091	107	'6028734_/_88545032'	4.7	10	10	0.896	1.6	10	5.28 No	0.896	Thermal Discharging
SLP091	108	'7740017_/_9321830_2'	6.3	10	10	0.896	3.6	10	5.28 No	0.896	Thermal Discharging
SLP091	109	'7739406_/_7739403'	6.1	10	10	0.896	2.5	10	5.28 No	0.896	Thermal Discharging
SLP091	110	'459313395_/_459313399'	5.6	10	10	0.896	2.3	10	5.28 No	0.896	Thermal Discharging
SLP091	111	'7428243_/_72299101'	5.1	10	10	0.896	4.8	10	5.28 No	0.896	Thermal Discharging
SLP091	112	'88545166_/_88545204_1'	4.6	10	10	0.896	1	10	5.28 No	0.896	Thermal Discharging
SLP091	113	'6033985_/_6033982'	4.5	10	10	0.896	1.6	10	5.28 No	0.896	Thermal Discharging
SLP091	114	'6034422_/_6034419'	4.9	10	10	0.896	3.5	10	5.28 No	0.896	Thermal Discharging
SLP091	115	'412955517_/_412955349'	5	10	10	0.896	1.5	10	5.28 No	0.896	Thermal Discharging
SLP091	116	'7739998_/_7739995'	5.1	10	10	0.896	3.6	10	5.28 No	0.896	Thermal Discharging
SLP091	117	'6034477_/_6034474'	1.8	3.33	3.33	0.296	1	3.33	1.76 No	0.296	Thermal Discharging
SLP091	118	'459392931_/_459392935'	5.2	10	10	0.896	2.3	10	5.28 No	0.896	Thermal Discharging
SLP091	119	'56264293_/_56264386'	4.4	10	10	0.896	1	10	5.28 No	0.896	Thermal Discharging
SLP091	120	'617599478_/_8379478'	5.6	10	10	0.896	2.5	10	5.28 No	0.896	Thermal Discharging
SLP091	121	'6034435_/_6034432'	4.7	10	10	0.896	3.5	10	5.28 No	0.896	Thermal Discharging
SLP091	122	'7428242_/_390920644'	4.7	10	10	0.896	4.8	10	5.28 No	0.896	Thermal Discharging
SLP091	123	'87003942_/_87003918_1'	4.7	10	10	0.896	2.4	10	5.28 No	0.896	Thermal Discharging
SLP091	124	'8992826_/_8992823_1'	1.63	3.33	3.33	0.296	0.5	3.33	1.76 No	0.296	Thermal Discharging
SLP091	125	'8379481_/_617599500'	5.3	10	10	0.896	2.5	10	5.28 No	0.896	Thermal Discharging
SLP091	126	'412955527_/_412955383'	4.6	10	10	0.896	1.5	10	5.28 No	0.896	Thermal Discharging
SLP091	127	'6034493_/_6034490'	1.8	3.33	3.33	0.296	1	3.33	1.76 No	0.296	Thermal Discharging
SLP091	128	'7823607_/_7823604'	4.1	10	10	0.896	1	10	5.28 No	0.896	Thermal Discharging
SLP091	129	'459336670_/_459336675'	4.7	10	10	0.896	2.3	10	5.28 No	0.896	Thermal Discharging
SLP091	130	'459313336_/_459313437'	4.7	10	10	0.896	2.3	10	5.28 No	0.896	Thermal Discharging
SLP091	131	'459336705_/_459336709'	4.7	10	10	0.896	2.3	10	5.28 No	0.896	Thermal Discharging
SLP091	132	'6034448_/_6034445'	1.57	3.33	3.33	0.296	1.1	3.33	1.76 No	0.296	Thermal Discharging
SLP091	133	'43838526_/_60344503'	1.73	3.33	3.33	0.296	1	3.33	1.76 No	0.296	Thermal Discharging
SLP091	134	'5998908_/_6034674'	3.8	10	10	0.896	1.6	10	5.28 No	0.896	Thermal Discharging
SLP091	135	'8063429_/_412955414'	4.2	10	10	0.896	1.5	10	5.28 No	0.896	Thermal Discharging
SLP091	136	'6028733_/_6028731'	3.7	10	10	0.896	1.6	10	5.28 No	0.896	Thermal Discharging
SLP091	137	'7739977_/_8688658'	4.5	10	10	0.896	2.5	10	5.28 No	0.896	Thermal Discharging
SLP091	138	'6034793_/_7428356'	1.2	3.33	3.33	0.296	0.53	3.33	1.76 No	0.296	Thermal Discharging
SLP091	139	'459336825_/_459336829'	4.1	10	10	0.896	2.3	10	5.28 No	0.896	Thermal Discharging
SLP091	140	'102265487_/_5998893_1'	1.2	3.33	3.33	0.296	0.53	3.33	1.76 No	0.296	Thermal Discharging
SLP091	141	'459313289_/_459313355'	4.1	10	10	0.896	2.3	10	5.28 No	0.896	Thermal Discharging
SLP091	142	'459336868_/_459336872'	4.1	10	10	0.896	2.3	10	5.28 No	0.896	Thermal Discharging
SLP091	143	'9630241_/_390920536'	3.5	10	10	0.896	4.8	10	5.28 No	0.896	Thermal Discharging
SLP091	144	'7739978_/_7739975'	4.4	10	10	0.896	2.5	10	5.28 No	0.896	Thermal Discharging
SLP091	145	'43838531_/_43838528'	1.57	3.33	3.33	0.296	1	3.33	1.76 No	0.296	Thermal Discharging
SLP091	146	'515108723_/_5998893_2'	1.17	3.33	3.33	0.296	0.3	3.33	1.76 No	0.296	Thermal Discharging
SLP091	147	'459313245_/_459313308'	4.1	10	10	0.896	2.3	10	5.28 No	0.896	Thermal Discharging
SLP091	148	'412955640_/_412955445'	3.9	10	10	0.896	1.5	10	5.28 No	0.896	Thermal Discharging
SLP091	149	'8380076_/_8380074'	2.7	10	10	0.896	3.6	10	5.28 No	0.896	Thermal Discharging
SLP091	150	'6029239_/_6029253_2'	2.7	10	10	0.896	3.6	10	5.28 No	0.896	Thermal Discharging
SLP091	151	'6028623_/_6029253_1'	2.7	10	10	0.896	3.6	10	5.28 No	0.896	Thermal Discharging
SLP091	152	'87004589_/_6045239'	3.5	10	10	0.896	1.6	10	5.28 No	0.896	Thermal Discharging
SLP091	153	'87004579_/_9321098_2'	3.5	10	10	0.896	1.6	10	5.28 No	0.896	Thermal Discharging
SLP091	154	'6028624_/_6028621'	2.7	10	10	0.896	3.6	10	5.28 No	0.896	Thermal Discharging
SLP091	155	'7738608_/_7738605'	1.63	3.33	3.33	0.296	0.5	3.33	1.76 No	0.296	Thermal Discharging
SLP091	156	'9321100_/_9321098_1'	3.3	10	10	0.896	1.5	10	5.28 No	0.896	Thermal Discharging
SLP091	157	'5998896_/_5998893_3'	1.1	3.33	3.33	0.296	0.3	3.33	1.76 No	0.296	Thermal Discharging
SLP091	158	'7738470_/_7738467'	1.8	6.67	6.67	0.6	1.67	6.67	3.52 No	0.6	Thermal Discharging
SLP091	159	'7815524_/_8445117'	2.8	10	10	0.896	1.5	10	5.28 No	0.896	Thermal Discharging
SLP091	160	'54551261_/_87003918_2'	3.5	10	10	0.896	2.4	10	5.28 No	0.896	Thermal Discharging
SLP091	161	'43834026_/_6028638'	2.7	10	10	0.896	3.6	10	5.28 No	0.896	Thermal Discharging
SLP091	162	'9320203_/_459313249'	3.7	10	10	0.896	2.3	10	5.28 No	0.896	Thermal Discharging
SLP091	163	'60107535_/_43834028'	2.7	10	10	0.896	3.6	10	5.28 No	0.896	Thermal Discharging
SLP091	164	'75643370_/_60107582_1'	2.7	10	10	0.896	2.4	10	5.28 No	0.896	Thermal Discharging
SLP091	165	'43834040_/_60107532'	2.7	10	10	0.896	3.6	10	5.28 No	0.896	Thermal Discharging
SLP091	166	'6028658_/_8378426_2'	2.7	10	10	0.896	3.6	10	5.28 No	0.896	Thermal Discharging
SLP091	167	'8993013_/_9001237'	3.8	10	10	0.896	2.5	10	5.28 No	0.896	Thermal Discharging
SLP091	168	'54551227_/_54551289'	3.4	10	10	0.896	2.4	10	5.28 No	0.896	Thermal Discharging
SLP091	169	'7815523_/_7815521'	3.4	10	10	0.896	2.4	10	5.28 No	0.896	Thermal Discharging
SLP091	170	'36453478_/_44086113'	3.3	10	10	0.896	2.4	10	5.28 No	0.896	Thermal Discharging
SLP091	171	'102265749_/_87003813_1'	3.3	10	10	0.896	4.8	10	5.28 No	0.896	Thermal Discharging
SLP091	172	'7740018_/_7740015'	1.87	3.33	3.33	0.296	1.2	3.33	1.76 No	0.296	Thermal Discharging
SLP091	173	'7738469_/_8378426_1'	2.7	10	10	0.896	2.5	10	5.28 No	0.896	Thermal Discharging
SLP091	174	'9320202_/_9320200'	3.4	10	10	0.896	2.3	10	5.28 No	0.896	Thermal Discharging
SLP091	175	'7739997_/_8380112'	1.43	3.33	3.33	0.296	1.2	3.33	1.76 No	0.296	Thermal Discharging
SLP091	176	'43834429_/_9630259'	2.9	10	10	0.896	1.5	10	5.28 No	0.896	Thermal Discharging
SLP091	177	'87004564_/_43834431_1'	2.9	10	10	0.896	0.9	10	5.28 No	0.896	Thermal Discharging
SLP091	178	'8992953_/_8993011'	3.5	10	10	0.896	2.5	10	5.28 No	0.896	Thermal Discharging
SLP091	179	'43834443_/_43834431_2'	2.8	10	10	0.896	0.9	10	5.28 No	0.896	Thermal Discharging
SLP091	180	'8378448_/_8378446'	2.7	10	10	0.896	2.5	10	5.28 No	0.896	Thermal Discharging
SLP091	181	'7738453_/_390920596'	1.2	3.33	3.33	0.296	1.6	3.33	1.76 No	0.296	Thermal Discharging
SLP091	182	'8992954_/_8992951'	3.3	10	10	0.896	2.5	10	5.28 No	0.896	Thermal Discharging
SLP091	183	'8378410_/_390920576'	0.97	3.33	3.33	0.296	1.6	3.33	1.76 No	0.296	Thermal Discharging
SLP091	184	'8378580_/_412955604'	1.23	3.33	3.33	0.296	0.5	3.33	1.76 No	0.296	Thermal Discharging
SLP091	185	'37945317_/_60107582_2'	2.7	10	10	0.896	2.4	10	5.28 No	0.896	Thermal Discharging
SLP091	186	'37945302_/_37945321'	2.7	10	10	0.896	2.4	10	5.28 No	0.896	Thermal Discharging
SLP091	187	'404829793_/_404829782'	2.7	10	10	0.896	2.4	10	5.28 No	0.896	Thermal Discharging
SLP091	188	'37945331_/_37945328'	2.7	10	10	0.896	2.4	10	5.28 No	0.896	Thermal Discharging
SLP091	189	'37945303_/_37945300'	2.7	10	10	0.896	2.4	10	5.28 No	0.896	Thermal Discharging
SLP091	190	'9320499_/_60107514'	2.7	10	10	0.896	2.5	10	5.28 No	0.896	Thermal Discharging
SLP091	191	'8378391_/_8378388'	2.7	10	10	0.896	2.4	10	5.28 No	0.896	Thermal Discharging
SLP091	192	'8378541_/_8378538'	2.7	10	10	0.896	2.4	10	5.28 No	0.896	Thermal Discharging
SLP091	193	'6028717_/_6028714'	2.6	10	10	0.896	0.9	10	5.28 No	0.896	Thermal Discharging
SLP091	194	'9630334_/_412042676'	3.1	10	10	0.896	2.5	10	5.28 No	0.896	Thermal Discharging
SLP091	195	'37945534_/_8687498'	2.7	10	10	0.896	2.5	10	5.28 No	0.896	Thermal Discharging
SLP091	196	'404829718_/_404829715'	2.7	10	10	0.896	2.4	10	5.28 No	0.896	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SLP091	197	'37945506_/37945510'	2.7	10	10	0.896	2.4	10	5.28 No	0.896	Thermal Discharging
SLP091	198	'8063389_/8063613'	2.7	10	10	0.896	2.4	10	5.28 No	0.896	Thermal Discharging
SLP091	199	'6048706_/6048703'	2.5	10	10	0.896	0.9	10	5.28 No	0.896	Thermal Discharging
SLP091	200	'8063430_/412955590'	1.17	3.33	3.33	0.296	0.5	3.33	1.76 No	0.296	Thermal Discharging
SLP091	201	'8063616_/8063613'	2.7	10	10	0.896	2.4	10	5.28 No	0.896	Thermal Discharging
SLP091	202	'6048743_/6048740'	2.4	10	10	0.896	0.9	10	5.28 No	0.896	Thermal Discharging
SLP091	203	'8063299_/9630183'	2.8	10	10	0.896	2.4	10	5.28 No	0.896	Thermal Discharging
SLP091	204	'43833993_/239766000'	1.13	3.33	3.33	0.296	1.2	3.33	1.76 No	0.296	Thermal Discharging
SLP091	205	'404626554_/43833995_2'	1.13	3.33	3.33	0.296	1.1	3.33	1.76 No	0.296	Thermal Discharging
SLP091	206	'8992973_/412042645'	2.8	10	10	0.896	2.5	10	5.28 No	0.896	Thermal Discharging
SLP091	207	'7738413_/8063297'	2.8	10	10	0.896	2.4	10	5.28 No	0.896	Thermal Discharging
SLP091	208	'37945520_/60107454'	2.8	10	10	0.896	2.4	10	5.28 No	0.896	Thermal Discharging
SLP091	209	'37945513_/37945517'	2.8	10	10	0.896	2.4	10	5.28 No	0.896	Thermal Discharging
SLP091	210	'6028585_/43833995_1'	1.07	3.33	3.33	0.296	0.5	3.33	1.76 No	0.296	Thermal Discharging
SLP091	211	'43834004_/6028595'	1	3.33	3.33	0.296	0.5	3.33	1.76 No	0.296	Thermal Discharging
SLP091	212	'7428227_/412955468'	0.97	3.33	3.33	0.296	0.5	3.33	1.76 No	0.296	Thermal Discharging
SLP091	213	'8992974_/8992971_1'	2.5	10	10	0.896	2.3	10	5.28 No	0.896	Thermal Discharging
SLP091	214	'7738414_/7738411'	2.7	10	10	0.896	2.4	10	5.28 No	0.896	Thermal Discharging
SLP091	215	'8992785_/9630203'	2.7	10	10	0.896	2.4	10	5.28 No	0.896	Thermal Discharging
SLP091	216	'418936422_/412955483'	0.77	3.33	3.33	0.296	0.5	3.33	1.76 No	0.296	Thermal Discharging
SLP091	217	'43834015_/6028608'	0.93	3.33	3.33	0.296	0.5	3.33	1.76 No	0.296	Thermal Discharging
SLP091	218	'8992786_/8992783'	2.6	10	10	0.896	2.4	10	5.28 No	0.896	Thermal Discharging
SLP091	219	'8380077_/239765993'	0.9	3.33	3.33	0.296	1.2	3.33	1.76 No	0.296	Thermal Discharging
SLP091	220	'9320115_/9320112'	2.5	10	10	0.896	2.4	10	5.28 No	0.896	Thermal Discharging
SLP091	221	'45379503_/6030707'	0.87	3.33	3.33	0.296	0.5	3.33	1.76 No	0.296	Thermal Discharging
SLP091	222	'452121406_/9320220'	2.5	10	10	0.896	2.4	10	5.28 No	0.896	Thermal Discharging
SLP091	223	'452121490_/452121509'	2.5	10	10	0.896	2.4	10	5.28 No	0.896	Thermal Discharging
SLP091	224	'452121448_/452121535'	2.5	10	10	0.896	2.4	10	5.28 No	0.896	Thermal Discharging
SLP091	225	'410840529_/452121452'	2.4	10	10	0.896	2.4	10	5.28 No	0.896	Thermal Discharging
SLP091	226	'410840573_/410840592'	2.4	10	10	0.896	2.4	10	5.28 No	0.896	Thermal Discharging
SLP091	227	'43834131_/6028675'	0.9	3.33	3.33	0.296	1.1	3.33	1.76 No	0.296	Thermal Discharging
SLP091	228	'410840620_/410840639'	2.3	10	10	0.896	2.4	10	5.28 No	0.896	Thermal Discharging
SLP091	229	'8763086_/410840665'	2.3	10	10	0.896	2.4	10	5.28 No	0.896	Thermal Discharging
SLP091	230	'6028678_/43834133'	0.83	3.33	3.33	0.296	1.1	3.33	1.76 No	0.296	Thermal Discharging
SLP091	231	'512313757_/8763084'	2.3	10	10	0.896	2.4	10	5.28 No	0.896	Thermal Discharging
SLP091	232	'9320135_/9320132'	0.83	3.33	3.33	0.296	0.83	3.33	1.76 No	0.296	Thermal Discharging
SLP091	233	'8763087_/512313777'	2.1	9.6	10	0.896	2.4	10	5.28 No	0.896	Thermal Discharging
SLP091	234	'102265783_/8767506_1'	2	8.8	10	0.896	2.4	10	5.28 No	0.896	Thermal Discharging
SLP092	0	'SLP092_/9003943'	10	10	10	1.304	10	10	3.83 No	1.304	Thermal Discharging
SLP092	1	'9003945_/9003943'	10	10	10	1.304	10	10	3.83 No	1.304	Thermal Discharging
SLP092	2	'8061078_/9003983'	10	10	10	1.304	10	10	3.83 No	1.304	Thermal Discharging
SLP092	3	'8061077_/8061075'	10	10	10	1.304	10	10	3.83 No	1.304	Thermal Discharging
SLP092	4	'9068010_/9696062'	10	10	10	1.304	10	10	3.83 No	1.304	Thermal Discharging
SLP092	5	'448441437_/448441519'	10	10	10	1.304	10	10	3.83 No	1.304	Thermal Discharging
SLP092	6	'7426169_/7426166'	10	10	10	1.304	10	10	3.83 No	1.304	Thermal Discharging
SLP092	7	'8060197_/9317328'	10	10	10	1.304	10	10	3.83 No	1.304	Thermal Discharging
SLP092	8	'582993672_/582993655'	10	10	10	1.304	10	10	3.83 No	1.304	Thermal Discharging
SLP092	9	'582993756_/582993739'	10	10	10	1.304	10	10	3.83 No	1.304	Thermal Discharging
SLP092	10	'7425259_/582993823'	10	10	10	1.304	10	10	3.83 No	1.304	Thermal Discharging
SLP092	11	'7736374_/7736371'	10	10	10	1.304	10	10	3.83 No	1.304	Thermal Discharging
SLP092	12	'7425378_/8685450'	10	10	10	1.304	10	10	3.83 No	1.304	Thermal Discharging
SLP092	13	'7425379_/7425376'	10	10	10	1.304	10	10	3.83 No	1.304	Thermal Discharging
SLP092	14	'8060760_/8060757'	10	10	10	1.304	10	10	3.83 No	1.304	Thermal Discharging
SLP092	15	'8685705_/9628491'	10	10	10	1.304	10	10	3.83 No	1.304	Thermal Discharging
SLP092	16	'8059799_/8685702'	10	10	10	1.304	10	10	3.83 No	1.304	Thermal Discharging
SLP092	17	'8059800_/8059797'	10	10	10	1.304	10	10	3.83 No	1.304	Thermal Discharging
SLP092	18	'7425179_/9003075'	10	10	10	1.304	10	10	3.83 No	1.304	Thermal Discharging
SLP092	19	'7735805_/9627509'	10	10	10	1.304	10	10	3.83 No	1.304	Thermal Discharging
SLP092	20	'7735806_/7735803'	10	10	10	1.304	10	10	3.83 No	1.304	Thermal Discharging
SLP092	21	'8374980_/9002995'	10	10	10	1.304	10	10	3.83 No	1.304	Thermal Discharging
SLP092	22	'8685014_/9627549'	10	10	10	1.304	10	10	3.83 No	1.304	Thermal Discharging
SLP092	23	'8685015_/8685012'	10	10	10	1.304	10	10	3.83 No	1.304	Thermal Discharging
SLP092	24	'9002802_/9003035_2'	10	10	10	1.304	10	10	3.83 No	1.304	Thermal Discharging
SLP092	25	'8374981_/8374978'	10	10	10	1.304	10	10	3.83 No	1.304	Thermal Discharging
SLP092	26	'5941991_/9003035_1'	10	10	10	1.304	10	10	3.83 No	1.304	Thermal Discharging
SLP092	27	'43818031_/5941989'	10	10	10	1.304	10	10	3.83 No	1.304	Thermal Discharging
SLP092	28	'441889404_/43818033'	10	10	10	1.304	10	10	3.83 No	1.304	Thermal Discharging
SLP092	29	'43818943_/441889102'	10	10	10	1.304	10	10	3.83 No	1.304	Thermal Discharging
SLP092	30	'441889009_/5942012'	10	10	10	1.304	10	10	3.83 No	1.304	Thermal Discharging
SLP092	31	'441889712_/441889621_3'	10	10	10	1.304	10	10	3.83 No	1.304	Thermal Discharging
SLP092	32	'441889452_/447944575_2'	10	10	10	1.304	5.3	10	3.83 No	1.304	Thermal Discharging
SLP092	33	'43818044_/43818046'	3.33	3.33	3.33	0.432	1.5	3.33	1.28 No	0.432	Thermal Discharging
SLP092	34	'443024367_/447944575_1'	10	10	10	1.304	1.5	10	3.83 No	1.304	Thermal Discharging
SLP092	35	'441889679_/441889621_2'	10	10	10	1.304	10	10	3.83 No	1.304	Thermal Discharging
SLP092	36	'5965947_/441889621_1'	10	10	10	1.304	10	10	3.83 No	1.304	Thermal Discharging
SLP092	37	'5965832_/5965944'	10	10	10	1.304	10	10	3.83 No	1.304	Thermal Discharging
SLP092	38	'441889227_/5965961'	10	10	10	1.304	10	10	3.83 No	1.304	Thermal Discharging
SLP092	39	'5974916_/5974913'	10	10	10	1.304	10	10	3.83 No	1.304	Thermal Discharging
SLP092	40	'5942801_/5942799'	3.33	3.33	3.33	0.432	1.5	3.33	1.28 No	0.432	Thermal Discharging
SLP092	41	'441889279_/441889204_1'	10	10	10	1.304	1.5	10	3.83 No	1.304	Thermal Discharging
SLP092	42	'5974933_/5974930'	10	10	10	1.304	10	10	3.83 No	1.304	Thermal Discharging
SLP092	43	'5965819_/5965816_2'	3.33	3.33	3.33	0.432	1.1	3.33	1.28 No	0.432	Thermal Discharging
SLP092	44	'5968685_/5974947'	10	10	10	1.304	10	10	3.83 No	1.304	Thermal Discharging
SLP092	45	'5968897_/5975038'	10	10	10	1.304	10	10	3.83 No	1.304	Thermal Discharging
SLP092	46	'5968568_/5975021'	10	10	10	1.304	10	10	3.83 No	1.304	Thermal Discharging
SLP092	47	'443024294_/443024377'	10	10	10	1.304	1.5	10	3.83 No	1.304	Thermal Discharging
SLP092	48	'5969013_/5975055'	10	10	10	1.304	10	10	3.83 No	1.304	Thermal Discharging
SLP092	49	'5974990_/5975004'	10	10	10	1.304	10	10	3.83 No	1.304	Thermal Discharging
SLP092	50	'5968980_/5968977_2'	10	10	10	1.304	3.5	10	3.83 No	1.304	Thermal Discharging
SLP092	51	'5968569_/5968566_1'	3.33	3.33	3.33	0.432	0.5	3.33	1.28 No	0.432	Thermal Discharging
SLP092	52	'5969095_/5975072'	10	10	10	1.304	10	10	3.83 No	1.304	Thermal Discharging
SLP092	53	'5974989_/5974987'	10	10	10	1.304	10	10	3.83 No	1.304	Thermal Discharging
SLP092	54	'5969081_/5969092'	3.33	3.33	3.33	0.432	1.1	3.33	1.28 No	0.432	Thermal Discharging
SLP092	55	'5968582_/5968566_2'	3.33	3.33	3.33	0.432	0.5	3.33	1.28 No	0.432	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SLP092	56	'5969120_/_5975089'		10	10	10	1.304	10	10	3.83 No	1.304 Thermal Discharging
SLP092	57	'5968960_/_5968977_1'		10	10	10	1.304	10	10	3.83 No	1.304 Thermal Discharging
SLP092	58	'5968686_/_5968683_1'	3.33	3.33	3.33	0.432	0.5	3.33	1.28 No	0.432 Thermal Discharging	
SLP092	59	'5965806_/_5965816_1'	3.33	3.33	3.33	0.432	0.5	3.33	1.28 No	0.432 Thermal Discharging	
SLP092	60	'5975109_/_5975106'		10	10	10	1.304	10	10	3.83 No	1.304 Thermal Discharging
SLP092	61	'5969121_/_5969118_1'	3.33	3.33	3.33	0.432	0.5	3.33	1.28 No	0.432 Thermal Discharging	
SLP092	62	'43823709_/_5968683_2'	3.33	3.33	3.33	0.432	0.5	3.33	1.28 No	0.432 Thermal Discharging	
SLP092	63	'441889161_/_441889204_2'		10	10	10	1.304	1.5	10	3.83 No	1.304 Thermal Discharging
SLP092	64	'5969134_/_5969118_2'	3.33	3.33	3.33	0.432	0.5	3.33	1.28 No	0.432 Thermal Discharging	
SLP092	65	'5975126_/_5975123'		10	10	10	1.304	10	10	3.83 No	1.304 Thermal Discharging
SLP092	66	'43823768_/_5969079'	3.33	3.33	3.33	0.432	0.5	3.33	1.28 No	0.432 Thermal Discharging	
SLP092	67	'9318993_/_9318990_2'		10	10	10	1.304	10	10	3.83 No	1.304 Thermal Discharging
SLP092	68	'518939811_/_5975140'		10	10	10	1.304	10	10	3.83 No	1.304 Thermal Discharging
SLP092	69	'5969147_/_5969118_3'	3.33	3.33	3.33	0.432	0.5	3.33	1.28 No	0.432 Thermal Discharging	
SLP092	70	'518939963_/_518939868_1'		10	10	10	1.304	1.5	10	3.83 No	1.304 Thermal Discharging
SLP092	71	'5975143_/_518939815'		10	10	10	1.304	10	10	3.83 No	1.304 Thermal Discharging
SLP092	72	'5968595_/_5968592'	3.33	3.33	3.33	0.432	0.5	3.33	1.28 No	0.432 Thermal Discharging	
SLP092	73	'5968702_/_43823711'	3.33	3.33	3.33	0.432	0.5	3.33	1.28 No	0.432 Thermal Discharging	
SLP092	74	'518939852_/_518939868_2'		10	10	10	1.304	1.5	10	3.83 No	1.304 Thermal Discharging
SLP092	75	'5969069_/_43823770'	3.33	3.33	3.33	0.432	0.5	3.33	1.28 No	0.432 Thermal Discharging	
SLP092	76	'425971217_/_441889165'		10	10	10	1.304	1.5	10	3.83 No	1.304 Thermal Discharging
SLP092	77	'5969108_/_5969173'	3.33	3.33	3.33	0.432	0.5	3.33	1.28 No	0.432 Thermal Discharging	
SLP092	78	'5968943_/_5968957'		10	10	10	1.304	1.5	10	3.83 No	1.304 Thermal Discharging
SLP092	79	'5965998_/_9318990_1'		10	10	10	1.304	10	10	3.83 No	1.304 Thermal Discharging
SLP092	80	'5965980_/_5965995'		10	10	10	1.304	10	10	3.83 No	1.304 Thermal Discharging
SLP092	81	'43823790_/_5969160'	3.33	3.33	3.33	0.432	0.5	3.33	1.28 No	0.432 Thermal Discharging	
SLP092	82	'5968556_/_5968657'	3.33	3.33	3.33	0.432	0.5	3.33	1.28 No	0.432 Thermal Discharging	
SLP092	83	'7426813_/_8376542_1'		10	10	10	1.304	1.5	10	3.83 No	1.304 Thermal Discharging
SLP092	84	'5965981_/_5965978'		10	10	10	1.304	10	10	3.83 No	1.304 Thermal Discharging
SLP092	85	'5974970_/_5974967'		10	10	10	1.304	10	10	3.83 No	1.304 Thermal Discharging
SLP092	86	'8376545_/_8376542_2'		10	10	10	1.304	1.5	10	3.83 No	1.304 Thermal Discharging
SLP092	87	'43823626_/_43823628'	3.33	3.33	3.33	0.432	0.5	3.33	1.28 No	0.432 Thermal Discharging	
SLP092	88	'5975160_/_5975157'		10	10	10	1.304	10	10	3.83 No	1.304 Thermal Discharging
SLP092	89	'443024231_/_443024250'		10	10	10	1.304	1.5	10	3.83 No	1.304 Thermal Discharging
SLP092	90	'5968608_/_5968605'	3.33	3.33	3.33	0.432	0.5	3.33	1.28 No	0.432 Thermal Discharging	
SLP092	91	'454908375_/_443024313_1'		10	10	10	1.304	1.5	10	3.83 No	1.304 Thermal Discharging
SLP092	92	'5975177_/_5975174'		10	10	10	1.304	10	10	3.83 No	1.304 Thermal Discharging
SLP092	93	'5969056_/_5969066'	3.33	3.33	3.33	0.432	0.5	3.33	1.28 No	0.432 Thermal Discharging	
SLP092	94	'5968715_/_5968712'	3.33	3.33	3.33	0.432	0.5	3.33	1.28 No	0.432 Thermal Discharging	
SLP092	95	'5975194_/_5975191'		10	10	10	1.304	10	10	3.83 No	1.304 Thermal Discharging
SLP092	96	'5975211_/_5975208'		10	10	10	1.304	10	10	3.83 No	1.304 Thermal Discharging
SLP092	97	'43823733_/_5968940'		10	10	10	1.304	1.5	10	3.83 No	1.304 Thermal Discharging
SLP092	98	'43823637_/_43823639'	3.33	3.33	3.33	0.432	0.5	3.33	1.28 No	0.432 Thermal Discharging	
SLP092	99	'5975228_/_5975225'		10	10	10	1.304	10	10	3.83 No	1.304 Thermal Discharging
SLP092	100	'43823779_/_43823781'	3.33	3.33	3.33	0.432	0.5	3.33	1.28 No	0.432 Thermal Discharging	
SLP092	101	'5975245_/_5975242'		10	10	10	1.304	10	10	3.83 No	1.304 Thermal Discharging
SLP092	102	'5965497_/_5977847'		10	10	10	1.304	10	10	3.83 No	1.304 Thermal Discharging
SLP092	103	'44982320_/_5977607'	3.33	3.33	3.33	0.432	0.5	3.33	1.28 No	0.432 Thermal Discharging	
SLP092	104	'43823687_/_5968618'	3.33	3.33	3.33	0.432	0.5	3.33	1.28 No	0.432 Thermal Discharging	
SLP092	105	'5965463_/_5965495'		10	10	10	1.304	10	10	3.83 No	1.304 Thermal Discharging
SLP092	106	'5966057_/_5969053'	3.33	3.33	3.33	0.432	0.5	3.33	1.28 No	0.432 Thermal Discharging	
SLP092	107	'5968728_/_5968725'	3.33	3.33	3.33	0.432	0.5	3.33	1.28 No	0.432 Thermal Discharging	
SLP092	108	'5965780_/_5965803'	3.33	3.33	3.33	0.432	0.5	3.33	1.28 No	0.432 Thermal Discharging	
SLP092	109	'43824018_/_5965461'		10	10	10	1.304	10	10	3.83 No	1.304 Thermal Discharging
SLP092	110	'5965845_/_5968923'		10	10	10	1.304	1.5	10	3.83 No	1.304 Thermal Discharging
SLP092	111	'5968539_/_5968537'	3.33	3.33	3.33	0.432	0.5	3.33	1.28 No	0.432 Thermal Discharging	
SLP092	112	'5965446_/_43824020'		10	10	10	1.304	10	10	3.83 No	1.304 Thermal Discharging
SLP092	113	'5965766_/_5965777'	3.33	3.33	3.33	0.432	0.5	3.33	1.28 No	0.432 Thermal Discharging	
SLP092	114	'5965447_/_5965444'		10	10	10	1.304	10	10	3.83 No	1.304 Thermal Discharging
SLP092	115	'7426511_/_8061923_1'		10	10	10	1.304	1.5	10	3.83 No	1.304 Thermal Discharging
SLP092	116	'5968634_/_43823689'	3.33	3.33	3.33	0.432	0.5	3.33	1.28 No	0.432 Thermal Discharging	
SLP092	117	'5975262_/_5975259'		10	10	10	1.304	10	10	3.83 No	1.304 Thermal Discharging
SLP092	118	'5994580_/_5994593'	3.33	3.33	3.33	0.432	0.5	3.33	1.28 No	0.432 Thermal Discharging	
SLP092	119	'5965844_/_43823722'		10	10	10	1.304	1.5	10	3.83 No	1.304 Thermal Discharging
SLP092	120	'5975279_/_5975276'		10	10	10	1.304	10	10	3.83 No	1.304 Thermal Discharging
SLP092	121	'5965767_/_5965764'	3.33	3.33	3.33	0.432	0.5	3.33	1.28 No	0.432 Thermal Discharging	
SLP092	122	'5968741_/_5968738'	3.33	3.33	3.33	0.432	0.5	3.33	1.28 No	0.432 Thermal Discharging	
SLP092	123	'5966041_/_5966054'	3.33	3.33	3.33	0.432	0.5	3.33	1.28 No	0.432 Thermal Discharging	
SLP092	124	'5975296_/_5975293'		10	10	10	1.304	10	10	3.83 No	1.304 Thermal Discharging
SLP092	125	'5965793_/_5965790'	3.33	3.33	3.33	0.432	0.5	3.33	1.28 No	0.432 Thermal Discharging	
SLP092	126	'5979115_/_5979112'		10	10	10	1.304	10	10	3.83 No	1.304 Thermal Discharging
SLP092	127	'8061865_/_8686398'		10	10	10	1.304	10	10	3.83 No	1.304 Thermal Discharging
SLP092	128	'43823698_/_5968644'	3.3	3.33	3.33	0.432	0.5	3.33	1.28 No	0.432 Thermal Discharging	
SLP092	129	'8061926_/_8061923_2'		10	10	10	1.304	1.5	10	3.83 No	1.304 Thermal Discharging
SLP092	130	'5994579_/_5994577'	3.33	3.33	3.33	0.432	0.5	3.33	1.28 No	0.432 Thermal Discharging	
SLP092	131	'43823757_/_43823759'	3.33	3.33	3.33	0.432	0.5	3.33	1.28 No	0.432 Thermal Discharging	
SLP092	132	'5968446_/_5968443'		2.7	3.33	3.33	0.432	0.5	3.33	1.28 No	0.432 Thermal Discharging
SLP092	133	'5968754_/_5968751'	2.77	3.33	3.33	0.432	0.5	3.33	1.28 No	0.432 Thermal Discharging	
SLP092	134	'37944091_/_8061863'		10	10	10	1.304	10	10	3.83 No	1.304 Thermal Discharging
SLP092	135	'404727709_/_37944088'		10	10	10	1.304	10	10	3.83 No	1.304 Thermal Discharging
SLP092	136	'37944070_/_37944067'		10	10	10	1.304	4.8	10	3.83 No	1.304 Thermal Discharging
SLP092	137	'37944105_/_37944102'		10	10	10	1.304	10	10	3.83 No	1.304 Thermal Discharging
SLP092	138	'37944119_/_37944123'		10	10	10	1.304	4.8	10	3.83 No	1.304 Thermal Discharging
SLP092	139	'5968647_/_43823700'	2.3	3.33	3.33	0.432	0.5	3.33	1.28 No	0.432 Thermal Discharging	
SLP092	140	'43823891_/_5968764'	2.3	3.33	3.33	0.432	0.5	3.33	1.28 No	0.432 Thermal Discharging	
SLP092	141	'56897004_/_8686298_2'		10	10	10	1.304	10	10	3.83 No	1.304 Thermal Discharging
SLP092	142	'5972596_/_8686298_1'		10	10	10	1.304	10	10	3.83 No	1.304 Thermal Discharging
SLP092	143	'56896288_/_5976777'		10	10	10	1.304	10	10	3.83 No	1.304 Thermal Discharging
SLP092	144	'56898423_/_5972577_2'	3.33	3.33	3.33	0.432	1.4	3.33	1.28 No	0.432 Thermal Discharging	
SLP092	145	'56896372_/_56897021_1'		10	10	10	1.304	10	10	3.83 No	1.304 Thermal Discharging
SLP092	146	'43823591_/_5968459'	2.13	3.33	3.33	0.432	0.5	3.33	1.28 No	0.432 Thermal Discharging	
SLP092	147	'43824975_/_56896285'		10	10	10	1.304	10	10	3.83 No	1.304 Thermal Discharging
SLP092	148	'5966040_/_5966038'	2.53	3.33	3.33	0.432	0.5	3.33	1.28 No	0.432 Thermal Discharging	
SLP092	149	'392960450_/_392960552'		10	10	10	1.304	4.8	10	3.83 No	1.304 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SLP092	150	'5972567_/_5972577_1'	3.33	3.33	3.33	0.432	0.5	3.33	1.28 No	0.432	Thermal Discharging
SLP092	151	'5968780_/_5968777'	1.9	3.33	3.33	0.432	0.5	3.33	1.28 No	0.432	Thermal Discharging
SLP092	152	'8686421_/_9004617'	7.8	10	10	1.304	4.8	10	3.83 No	1.304	Thermal Discharging
SLP092	153	'5968462_/_43823593'	1.77	3.33	3.33	0.432	0.5	3.33	1.28 No	0.432	Thermal Discharging
SLP092	154	'43824964_/_43824966'	3.33	3.33	3.33	0.432	0.5	3.33	1.28 No	0.432	Thermal Discharging
SLP092	155	'56897082_/_8376502'	7.2	10	10	1.304	4.8	10	3.83 No	1.304	Thermal Discharging
SLP092	156	'5968793_/_5968790'	1.73	3.33	3.33	0.432	0.5	3.33	1.28 No	0.432	Thermal Discharging
SLP092	157	'5972159_/_5972551'	3.33	3.33	3.33	0.432	0.5	3.33	1.28 No	0.432	Thermal Discharging
SLP092	158	'392960406_/_392960410'	6.3	10	10	1.304	4.8	10	3.83 No	1.304	Thermal Discharging
SLP092	159	'5972146_/_5972156'	3.33	3.33	3.33	0.432	0.5	3.33	1.28 No	0.432	Thermal Discharging
SLP092	160	'5968805_/_5968803'	1.57	3.33	3.33	0.432	0.5	3.33	1.28 No	0.432	Thermal Discharging
SLP092	161	'43823913_/_5968819'	1.5	3.33	3.33	0.432	0.5	3.33	1.28 No	0.432	Thermal Discharging
SLP092	162	'392960592_/_392960644'	5.5	10	10	1.304	4.8	10	3.83 No	1.304	Thermal Discharging
SLP092	163	'56897227_/_56897503'	5.7	10	10	1.304	4.8	10	3.83 No	1.304	Thermal Discharging
SLP092	164	'43818572_/_5972143'	3.1	3.33	3.33	0.432	0.5	3.33	1.28 No	0.432	Thermal Discharging
SLP092	165	'5968835_/_43823915'	1.43	3.33	3.33	0.432	0.5	3.33	1.28 No	0.432	Thermal Discharging
SLP092	166	'8061846_/_8686418'	5	10	10	1.304	4.8	10	3.83 No	1.304	Thermal Discharging
SLP092	167	'5933883_/_7104359'	2.63	3.33	3.33	0.432	0.5	3.33	1.28 No	0.432	Thermal Discharging
SLP092	168	'5968848_/_5968845'	1.37	3.33	3.33	0.432	0.5	3.33	1.28 No	0.432	Thermal Discharging
SLP092	169	'56897301_/_56897478'	4.7	10	10	1.304	4.8	10	3.83 No	1.304	Thermal Discharging
SLP092	170	'5968861_/_5968858'	1.3	3.33	3.33	0.432	0.5	3.33	1.28 No	0.432	Thermal Discharging
SLP092	171	'5933857_/_5933867'	2.27	3.33	3.33	0.432	0.5	3.33	1.28 No	0.432	Thermal Discharging
SLP092	172	'37944035_/_8061843'	4.2	10	10	1.304	4.8	10	3.83 No	1.304	Thermal Discharging
SLP092	173	'37944028_/_37944032'	4.2	10	10	1.304	4.8	10	3.83 No	1.304	Thermal Discharging
SLP092	174	'404727634_/_404727631'	1.4	3.33	3.33	0.432	1.6	3.33	1.28 No	0.432	Thermal Discharging
SLP092	175	'37944049_/_37944053'	1.4	3.33	3.33	0.432	1.6	3.33	1.28 No	0.432	Thermal Discharging
SLP092	176	'37944027_/_37944025'	4.2	10	10	1.304	4.8	10	3.83 No	1.304	Thermal Discharging
SLP092	177	'5969322_/_5969332'	1.23	3.33	3.33	0.432	0.5	3.33	1.28 No	0.432	Thermal Discharging
SLP092	178	'5968873_/_5968871'	1.23	3.33	3.33	0.432	0.5	3.33	1.28 No	0.432	Thermal Discharging
SLP092	179	'395906003_/_7474808_2'	3.33	3.33	3.33	0.432	1.6	3.33	1.28 No	0.432	Thermal Discharging
SLP092	180	'5969405_/_5969403_2'	1.2	3.33	3.33	0.432	0.5	3.33	1.28 No	0.432	Thermal Discharging
SLP092	181	'56896477_/_7474808_1'	3.33	3.33	3.33	0.432	1.6	3.33	1.28 No	0.432	Thermal Discharging
SLP092	182	'38009400_/_56897021_2'	4.2	10	10	1.304	10	10	3.83 No	1.304	Thermal Discharging
SLP092	183	'404484646_/_38009397'	4.2	10	10	1.304	10	10	3.83 No	1.304	Thermal Discharging
SLP092	184	'38009428_/_38009425'	4.2	10	10	1.304	4.8	10	3.83 No	1.304	Thermal Discharging
SLP092	185	'38009414_/_38009418'	4.2	10	10	1.304	4.7	10	3.83 No	1.304	Thermal Discharging
SLP092	186	'38009386_/_38009390'	4.2	10	10	1.304	10	10	3.83 No	1.304	Thermal Discharging
SLP092	187	'395906018_/_56896434_1'	3.33	3.33	3.33	0.432	1.6	3.33	1.28 No	0.432	Thermal Discharging
SLP092	188	'5933841_/_5933854'	1.97	3.33	3.33	0.432	0.5	3.33	1.28 No	0.432	Thermal Discharging
SLP092	189	'56897100_/_56896434_2'	1.93	3.33	3.33	0.432	1.6	3.33	1.28 No	0.432	Thermal Discharging
SLP092	190	'5969295_/_5969403_1'	1.17	3.33	3.33	0.432	0.3	3.33	1.28 No	0.3	Element Fault
SLP092	191	'43823836_/_43823838'	1.17	3.33	3.33	0.432	0.3	3.33	1.28 No	0.3	Element Fault
SLP092	192	'56896410_/_56896493_2'	3.33	3.33	3.33	0.432	1.6	3.33	1.28 No	0.432	Thermal Discharging
SLP092	193	'7055760_/_56896493_1'	3.33	3.33	3.33	0.432	0.5	3.33	1.28 No	0.432	Thermal Discharging
SLP092	194	'7737335_/_7737333_2'	1.43	3.33	3.33	0.432	1.6	3.33	1.28 No	0.432	Thermal Discharging
SLP092	195	'56898163_/_56897430_1'	4	10	10	1.304	1.5	10	3.83 No	1.304	Thermal Discharging
SLP092	196	'5979076_/_7737333_1'	1.43	3.33	3.33	0.432	0.5	3.33	1.28 No	0.432	Thermal Discharging
SLP092	197	'56898137_/_56897430_2'	4	10	10	1.304	1.5	10	3.83 No	1.304	Thermal Discharging
SLP092	198	'389773320_/_8734832'	4.2	10	10	1.304	4.7	10	3.83 No	1.304	Thermal Discharging
SLP092	199	'5969296_/_5969293'	1.13	3.33	3.33	0.432	0.3	3.33	1.28 No	0.3	Element Fault
SLP092	200	'5968887_/_5968884'	1.13	3.33	3.33	0.432	0.5	3.33	1.28 No	0.432	Thermal Discharging
SLP092	201	'43818561_/_43818563'	1.8	3.33	3.33	0.432	0.5	3.33	1.28 No	0.432	Thermal Discharging
SLP092	202	'9052158_/_9052155'	4.2	10	10	1.304	10	10	3.83 No	1.304	Thermal Discharging
SLP092	203	'56897458_/_56897361'	3.9	10	10	1.304	1.5	10	3.83 No	1.304	Thermal Discharging
SLP092	204	'7059715_/_7059809'	3.9	10	10	1.304	1.5	10	3.83 No	1.304	Thermal Discharging
SLP092	205	'56898242_/_56898171_1'	1.6	5.4	10	1.304	1.5	10	3.83 No	1.304	Thermal Discharging
SLP092	206	'389773487_/_389773451'	4.2	10	10	1.304	4.7	10	3.83 No	1.304	Thermal Discharging
SLP092	207	'5933828_/_5933825_2'	1.77	3.33	3.33	0.432	0.5	3.33	1.28 No	0.432	Thermal Discharging
SLP092	208	'43823847_/_43823849'	1.1	3.33	3.33	0.432	0.5	3.33	1.28 No	0.432	Thermal Discharging
SLP092	209	'5969267_/_5969277'	1.1	3.33	3.33	0.432	0.3	3.33	1.28 No	0.3	Element Fault
SLP092	210	'7055734_/_7055757'	2.5	3.33	3.33	0.432	0.5	3.33	1.28 No	0.432	Thermal Discharging
SLP092	211	'5969309_/_5969306'	1.07	3.33	3.33	0.432	0.3	3.33	1.28 No	0.3	Element Fault
SLP092	212	'8734794_/_9365400'	4.2	10	10	1.304	10	10	3.83 No	1.304	Thermal Discharging
SLP092	213	'8734795_/_8734792'	4.2	10	10	1.304	10	10	3.83 No	1.304	Thermal Discharging
SLP092	214	'395906094_/_56897224_2'	1.9	3.33	3.33	0.432	1.6	3.33	1.28 No	0.432	Thermal Discharging
SLP092	215	'392133732_/_389773491'	4.3	10	10	1.304	4.7	10	3.83 No	1.304	Thermal Discharging
SLP092	216	'7055773_/_7055770'	2.33	3.33	3.33	0.432	0.5	3.33	1.28 No	0.432	Thermal Discharging
SLP092	217	'5979089_/_5979086'	1.43	3.33	3.33	0.432	0.5	3.33	1.28 No	0.432	Thermal Discharging
SLP092	218	'392133597_/_389773529'	4.3	10	10	1.304	4.7	10	3.83 No	1.304	Thermal Discharging
SLP092	219	'389773368_/_389773374'	4.3	10	10	1.304	4.7	10	3.83 No	1.304	Thermal Discharging
SLP092	220	'389773393_/_389773390'	2.87	6.67	6.67	0.864	3.13	6.67	2.55 No	0.864	Thermal Discharging
SLP092	221	'392133591_/_389773366'	4.3	10	10	1.304	4.7	10	3.83 No	1.304	Thermal Discharging
SLP092	222	'389773385_/_389773382'	4.3	10	10	1.304	4.7	10	3.83 No	1.304	Thermal Discharging
SLP092	223	'392133748_/_392133844'	4.3	10	10	1.304	4.7	10	3.83 No	1.304	Thermal Discharging
SLP092	224	'395906104_/_56897235_1'	1.83	3.33	3.33	0.432	1.6	3.33	1.28 No	0.432	Thermal Discharging
SLP092	225	'44050047_/_7045734'	3.6	10	10	1.304	1.5	10	3.83 No	1.304	Thermal Discharging
SLP092	226	'56897237_/_56897224_1'	1.83	3.33	3.33	0.432	1.6	3.33	1.28 No	0.432	Thermal Discharging
SLP092	227	'392133683_/_389773609_2'	2.87	6.67	6.67	0.864	3.13	6.67	2.55 No	0.864	Thermal Discharging
SLP092	228	'7055255_/_389773609_1'	2.87	6.67	6.67	0.864	1.6	6.67	2.55 No	0.864	Thermal Discharging
SLP092	229	'56897238_/_56897235_2'	1.53	3.33	3.33	0.432	1.6	3.33	1.28 No	0.432	Thermal Discharging
SLP092	230	'43824850_/_5979073'	1.43	3.33	3.33	0.432	0.5	3.33	1.28 No	0.432	Thermal Discharging
SLP092	231	'56897285_/_56897263_2'	1.83	3.33	3.33	0.432	1.6	3.33	1.28 No	0.432	Thermal Discharging
SLP092	232	'56897216_/_56897263_1'	1.77	3.33	3.33	0.432	0.6	3.33	1.28 No	0.432	Thermal Discharging
SLP092	233	'7055880_/_7055864_2'	1.77	3.33	3.33	0.432	0.6	3.33	1.28 No	0.432	Thermal Discharging
SLP092	234	'5968900_/_5968897'	1.03	3.33	3.33	0.432	0.5	3.33	1.28 No	0.432	Thermal Discharging
SLP092	235	'5933815_/_5933825_1'	1.6	3.33	3.33	0.432	0.5	3.33	1.28 No	0.432	Thermal Discharging
SLP092	236	'7055294_/_7055307'	1.43	3.33	3.33	0.432	0.8	3.33	1.28 No	0.432	Thermal Discharging
SLP092	237	'5969254_/_5969264'	1	3.33	3.33	0.432	0.3	3.33	1.28 No	0.3	Element Fault
SLP092	238	'392133534_/_7055291_2'	1.43	3.33	3.33	0.432	0.8	3.33	1.28 No	0.432	Thermal Discharging
SLP092	239	'7045754_/_44050049'	3.4	10	10	1.304	1.5	10	3.83 No	1.304	Thermal Discharging
SLP092	240	'5972255_/_5979099'	1.43	3.33	3.33	0.432	0.5	3.33	1.28 No	0.432	Thermal Discharging
SLP092	241	'7055323_/_7055320_1'	1.4	3.33	3.33	0.432	0.2	3.33	1.28 No	0.2	Element Fault
SLP092	242	'7055854_/_7055864_1'	1.63	3.33	3.33	0.432	0.6	3.33	1.28 No	0.432	Thermal Discharging
SLP092	243	'43825812_/_43825814'	0.97	3.33	3.33	0.432	0.5	3.33	1.28 No	0.432	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
											VSR (MW)	Limiting Threshold
SLP092	244	'395777134_/_8061737_1'		0.97	3.33	3.33	0.432	0.5	3.33	1.28	No	0.432 Thermal Discharging
SLP092	245	'7055221_/_7055252'		2.73	6.67	6.67	0.864	1.6	6.67	2.55	No	0.864 Thermal Discharging
SLP092	246	'44049614_/_7055320_2'		1.37	3.33	3.33	0.432	0.2	3.33	1.28	No	0.2 Element Fault
SLP092	247	'5969377_/_5969390'		0.97	3.33	3.33	0.432	0.5	3.33	1.28	No	0.432 Thermal Discharging
SLP092	248	'395777139_/_8061737_2'		0.97	3.33	3.33	0.432	0.5	3.33	1.28	No	0.432 Thermal Discharging
SLP092	249	'5968913_/_5968910'		0.97	3.33	3.33	0.432	0.5	3.33	1.28	No	0.432 Thermal Discharging
SLP092	250	'8107768_/_392133768'		4	10	10	1.304	4.7	10	3.83	No	1.304 Thermal Discharging
SLP092	251	'8061740_/_395777159'		0.97	3.33	3.33	0.432	0.5	3.33	1.28	No	0.432 Thermal Discharging
SLP092	252	'7052044_/_7055291_1'		1.37	3.33	3.33	0.432	0.3	3.33	1.28	No	0.3 Element Fault
SLP092	253	'9318811_/_9318824'		0.93	3.33	3.33	0.432	0.5	3.33	1.28	No	0.432 Thermal Discharging
SLP092	254	'5978576_/_5978574'		1.4	3.33	3.33	0.432	0.5	3.33	1.28	No	0.432 Thermal Discharging
SLP092	255	'44049901_/_44049903'		1.8	3.33	3.33	0.432	0.5	3.33	1.28	No	0.432 Thermal Discharging
SLP092	256	'44050060_/_7056197'		3.2	10	10	1.304	1.5	10	3.83	No	1.304 Thermal Discharging
SLP092	257	'7737573_/_9318808'		0.93	3.33	3.33	0.432	0.5	3.33	1.28	No	0.432 Thermal Discharging
SLP092	258	'56898314_/_56898365'		3.2	10	10	1.304	4.8	10	3.83	No	1.304 Thermal Discharging
SLP092	259	'5933802_/_5933812'		1.43	3.33	3.33	0.432	0.5	3.33	1.28	No	0.432 Thermal Discharging
SLP092	260	'44049923_/_44049925'		1.53	3.33	3.33	0.432	0.6	3.33	1.28	No	0.432 Thermal Discharging
SLP092	261	'7055747_/_44049914_2'		1.5	3.33	3.33	0.432	0.6	3.33	1.28	No	0.432 Thermal Discharging
SLP092	262	'5969241_/_5969251'		0.93	3.33	3.33	0.432	0.3	3.33	1.28	No	0.3 Element Fault
SLP092	263	'397724643_/_8107766'		3.9	10	10	1.304	4.7	10	3.83	No	1.304 Thermal Discharging
SLP092	264	'38008966_/_397724663'		3.9	10	10	1.304	4.7	10	3.83	No	1.304 Thermal Discharging
SLP092	265	'404794376_/_38008970'		3.9	10	10	1.304	4.7	10	3.83	No	1.304 Thermal Discharging
SLP092	266	'404794377_/_404794374'		1.3	3.33	3.33	0.432	1.57	3.33	1.28	No	0.432 Thermal Discharging
SLP092	267	'38008994_/_38008998'		1.3	3.33	3.33	0.432	1.57	3.33	1.28	No	0.432 Thermal Discharging
SLP092	268	'38008980_/_38008977'		3.9	10	10	1.304	4.7	10	3.83	No	1.304 Thermal Discharging
SLP092	269	'395906130_/_56897298_2'		1.77	3.33	3.33	0.432	1.6	3.33	1.28	No	0.432 Thermal Discharging
SLP092	270	'43824931_/_5972253'		1.33	3.33	3.33	0.432	0.5	3.33	1.28	No	0.432 Thermal Discharging
SLP092	271	'346774361_/_346774421'		2.27	6.67	6.67	0.864	3.13	6.67	2.55	No	0.864 Thermal Discharging
SLP092	272	'43824066_/_5969591'		0.9	3.33	3.33	0.432	0.5	3.33	1.28	No	0.432 Thermal Discharging
SLP092	273	'5969364_/_5969374'		0.9	3.33	3.33	0.432	0.5	3.33	1.28	No	0.432 Thermal Discharging
SLP092	274	'426650436_/_43824933_1'		1.33	3.33	3.33	0.432	0.5	3.33	1.28	No	0.432 Thermal Discharging
SLP092	275	'395906156_/_56897305_1'		1.7	3.33	3.33	0.432	1.6	3.33	1.28	No	0.432 Thermal Discharging
SLP092	276	'44049912_/_44049914_1'		1.43	3.33	3.33	0.432	0.6	3.33	1.28	No	0.432 Thermal Discharging
SLP092	277	'56897307_/_56897298_1'		1.7	3.33	3.33	0.432	1.6	3.33	1.28	No	0.432 Thermal Discharging
SLP092	278	'43823825_/_5969238'		0.9	3.33	3.33	0.432	0.3	3.33	1.28	No	0.3 Element Fault
SLP092	279	'44049680_/_7052041'		1.27	3.33	3.33	0.432	0.3	3.33	1.28	No	0.3 Element Fault
SLP092	280	'58351259_/_7055218'		2.47	6.67	6.67	0.864	1.6	6.67	2.55	No	0.864 Thermal Discharging
SLP092	281	'5933789_/_5933799'		1.37	3.33	3.33	0.432	0.5	3.33	1.28	No	0.432 Thermal Discharging
SLP092	282	'7056217_/_44050062'		3	10	10	1.304	1.5	10	3.83	No	1.304 Thermal Discharging
SLP092	283	'56897352_/_56897323_2'		1.7	3.33	3.33	0.432	1.6	3.33	1.28	No	0.432 Thermal Discharging
SLP092	284	'56897308_/_56897305_2'		1.2	3.33	3.33	0.432	1.6	3.33	1.28	No	0.432 Thermal Discharging
SLP092	285	'7055335_/_44049616'		1.23	3.33	3.33	0.432	0.2	3.33	1.28	No	0.2 Element Fault
SLP092	286	'56897292_/_56897323_1'		1.67	3.33	3.33	0.432	0.5	3.33	1.28	No	0.432 Thermal Discharging
SLP092	287	'7053784_/_7118850'		1.6	3.33	3.33	0.432	0.5	3.33	1.28	No	0.432 Thermal Discharging
SLP092	288	'58351228_/_58351256'		2.47	6.67	6.67	0.864	1.6	6.67	2.55	No	0.864 Thermal Discharging
SLP092	289	'118130927_/_9680160_2'		1.27	3.33	3.33	0.432	1.3	3.33	1.28	No	0.432 Thermal Discharging
SLP092	290	'5969351_/_5969361'		0.87	3.33	3.33	0.432	0.5	3.33	1.28	No	0.432 Thermal Discharging
SLP092	291	'118130878_/_9680160_1'		1.27	3.33	3.33	0.432	0.5	3.33	1.28	No	0.432 Thermal Discharging
SLP092	292	'43818506_/_43818508'		1.3	3.33	3.33	0.432	0.5	3.33	1.28	No	0.432 Thermal Discharging
SLP092	293	'7056234_/_7056231'		2.9	10	10	1.304	1.5	10	3.83	No	1.304 Thermal Discharging
SLP092	294	'7054309_/_7054337'		2.4	6.67	6.67	0.864	0.6	6.67	2.55	No	0.6 Element Fault
SLP092	295	'7053852_/_7118863'		1.33	3.33	3.33	0.432	0.6	3.33	1.28	No	0.432 Thermal Discharging
SLP092	296	'5969215_/_5969225'		0.87	3.33	3.33	0.432	0.3	3.33	1.28	No	0.3 Element Fault
SLP092	297	'43818550_/_5933786'		1.3	3.33	3.33	0.432	0.5	3.33	1.28	No	0.432 Thermal Discharging
SLP092	298	'5969568_/_5969578'		0.87	3.33	3.33	0.432	0.5	3.33	1.28	No	0.432 Thermal Discharging
SLP092	299	'7737574_/_7737571'		0.83	3.33	3.33	0.432	0.5	3.33	1.28	No	0.432 Thermal Discharging
SLP092	300	'346774271_/_346774206'		3.4	10	10	1.304	4.7	10	3.83	No	1.304 Thermal Discharging
SLP092	301	'7052030_/_7052028'		1.17	3.33	3.33	0.432	0.3	3.33	1.28	No	0.3 Element Fault
SLP092	302	'5972269_/_43824933_2'		1.23	3.33	3.33	0.432	0.5	3.33	1.28	No	0.432 Thermal Discharging
SLP092	303	'7054805_/_7054802'		1.17	3.33	3.33	0.432	0.3	3.33	1.28	No	0.3 Element Fault
SLP092	304	'7053771_/_7053781'		1.5	3.33	3.33	0.432	0.5	3.33	1.28	No	0.432 Thermal Discharging
SLP092	305	'44050073_/_7056248'		2.8	10	10	1.304	1.5	10	3.83	No	1.304 Thermal Discharging
SLP092	306	'7056132_/_7056129'		1.5	3.33	3.33	0.432	0.5	3.33	1.28	No	0.432 Thermal Discharging
SLP092	307	'7059384_/_7059796'		1.5	3.33	3.33	0.432	0.5	3.33	1.28	No	0.432 Thermal Discharging
SLP092	308	'7052286_/_44049605'		1.27	3.33	3.33	0.432	0.5	3.33	1.28	No	0.432 Thermal Discharging
SLP092	309	'7053839_/_7053849'		1.27	3.33	3.33	0.432	0.6	3.33	1.28	No	0.432 Thermal Discharging
SLP092	310	'7055268_/_7055278'		1.13	3.33	3.33	0.432	0.3	3.33	1.28	No	0.3 Element Fault
SLP092	311	'5969350_/_5969348'		0.83	3.33	3.33	0.432	0.5	3.33	1.28	No	0.432 Thermal Discharging
SLP092	312	'7055336_/_7055333'		1.13	3.33	3.33	0.432	0.2	3.33	1.28	No	0.2 Element Fault
SLP092	313	'7056251_/_44050075'		2.7	10	10	1.304	0.9	10	3.83	No	0.9 Element Fault
SLP092	314	'5969202_/_5969212'		0.83	3.33	3.33	0.432	0.3	3.33	1.28	No	0.3 Element Fault
SLP092	315	'7059371_/_7059381_2'		1.47	3.33	3.33	0.432	0.5	3.33	1.28	No	0.432 Thermal Discharging
SLP092	316	'5933705_/_5938096'		1.2	3.33	3.33	0.432	0.5	3.33	1.28	No	0.432 Thermal Discharging
SLP092	317	'44049480_/_44049482'		1.13	3.33	3.33	0.432	0.3	3.33	1.28	No	0.3 Element Fault
SLP092	318	'121705835_/_121705670_2'		1.13	3.33	3.33	0.432	0.3	3.33	1.28	No	0.3 Element Fault
SLP092	319	'44050855_/_7059381_1'		1.43	3.33	3.33	0.432	0.5	3.33	1.28	No	0.432 Thermal Discharging
SLP092	320	'7053838_/_7053836'		1.23	3.33	3.33	0.432	0.6	3.33	1.28	No	0.432 Thermal Discharging
SLP092	321	'7054821_/_7054818'		1.1	3.33	3.33	0.432	0.3	3.33	1.28	No	0.3 Element Fault
SLP092	322	'44049303_/_7053768'		1.4	3.33	3.33	0.432	0.5	3.33	1.28	No	0.432 Thermal Discharging
SLP092	323	'7054322_/_7054883'		2.2	6.67	6.67	0.864	0.6	6.67	2.55	No	0.6 Element Fault
SLP092	324	'5933692_/_5933702'		1.17	3.33	3.33	0.432	0.5	3.33	1.28	No	0.432 Thermal Discharging
SLP092	325	'5969555_/_5969565'		0.8	3.33	3.33	0.432	0.5	3.33	1.28	No	0.432 Thermal Discharging
SLP092	326	'38009267_/_9365420'		3.3	10	10	1.304	10	10	3.83	No	1.304 Thermal Discharging
SLP092	327	'404794233_/_38009271'		3.3	10	10	1.304	10	10	3.83	No	1.304 Thermal Discharging
SLP092	328	'38009281_/_38009278'		3.3	10	10	1.304	10	10	3.83	No	1.304 Thermal Discharging
SLP092	329	'38009246_/_38009243'		3.3	10	10	1.304	5.2	10	3.83	No	1.304 Thermal Discharging
SLP092	330	'38009232_/_38009236'		3.3	10	10	1.304	4.8	10	3.83	No	1.304 Thermal Discharging
SLP092	331	'7056145_/_7056142'		1.37	3.33	3.33	0.432	0.5	3.33	1.28	No	0.432 Thermal Discharging
SLP092	332	'5933775_/_5933773'		1.17	3.33	3.33	0.432	0.5	3.33	1.28	No	0.432 Thermal Discharging
SLP092	333	'121705659_/_121705670_1'		1.07	3.33	3.33	0.432	0.2	3.33	1.28	No	0.2 Element Fault
SLP092	334	'5972282_/_5972279'		1.13	3.33	3.33	0.432	0.5	3.33	1.28	No	0.432 Thermal Discharging
SLP092	335	'5969189_/_5969199'		0.8	3.33	3.33	0.432	0.3	3.33	1.28	No	0.3 Element Fault
SLP092	336	'428651098_/_428651095'		2.5	9.7	10	1.304	4.8	10	3.83	No	1.304 Thermal Discharging
SLP09												

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SLP092	338	'428651082_/428651079'		2.5	9.7	10	1.304	4.8	10	3.83 No	1.304 Thermal Discharging
SLP092	339	'428651074_/56898120'		2.5	9.7	10	1.304	4.8	10	3.83 No	1.304 Thermal Discharging
SLP092	340	'56898050_/428651071'		2.5	9.7	10	1.304	4.8	10	3.83 No	1.304 Thermal Discharging
SLP092	341	'7055349_/7055346'		1.07	3.33	3.33	0.432	0.2	3.33	1.28 No	0.2 Element Fault
SLP092	342	'5972117_/5972127'		0.77	3.33	3.33	0.432	0.5	3.33	1.28 No	0.432 Thermal Discharging
SLP092	343	'44049325_/44049327'		1.17	3.33	3.33	0.432	0.6	3.33	1.28 No	0.432 Thermal Discharging
SLP092	344	'7059370_/7059368'		1.33	3.33	3.33	0.432	0.5	3.33	1.28 No	0.432 Thermal Discharging
SLP092	345	'5933720_/5933718'		1.13	3.33	3.33	0.432	0.5	3.33	1.28 No	0.432 Thermal Discharging
SLP092	346	'7053745_/7053755'		1.3	3.33	3.33	0.432	0.5	3.33	1.28 No	0.432 Thermal Discharging
SLP092	347	'5933679_/5933689'		1.13	3.33	3.33	0.432	0.5	3.33	1.28 No	0.432 Thermal Discharging
SLP092	348	'44049669_/7054831'		1.03	3.33	3.33	0.432	0.3	3.33	1.28 No	0.3 Element Fault
SLP092	349	'7786257_/9365440'		2.4	10	10	1.304	0.9	10	3.83 No	0.9 Element Fault
SLP092	350	'7054296_/7054319'		2	6.67	6.67	0.864	0.6	6.67	2.55 No	0.6 Element Fault
SLP092	351	'404794597_/38008956'		3	10	10	1.304	4.7	10	3.83 No	1.304 Thermal Discharging
SLP092	352	'404794598_/404794595'		3	10	10	1.304	4.7	10	3.83 No	1.304 Thermal Discharging
SLP092	353	'38008938_/38008935'		3	10	10	1.304	4.7	10	3.83 No	1.304 Thermal Discharging
SLP092	354	'38008924_/38008928'		3	10	10	1.304	4.7	10	3.83 No	1.304 Thermal Discharging
SLP092	355	'38008952_/346774397'		3	10	10	1.304	4.7	10	3.83 No	1.304 Thermal Discharging
SLP092	356	'7055558_/7055556'		1	3.33	3.33	0.432	0.3	3.33	1.28 No	0.3 Element Fault
SLP092	357	'38009218_/9680228'		3.3	10	10	1.304	4.9	10	3.83 No	1.304 Thermal Discharging
SLP092	358	'211632182_/211499026'		3	10	10	1.304	4.7	10	3.83 No	1.304 Thermal Discharging
SLP092	359	'38009183_/555577493'		3.3	10	10	1.304	4.9	10	3.83 No	1.304 Thermal Discharging
SLP092	360	'38009176_/555577481'		3.3	10	10	1.304	4.9	10	3.83 No	1.304 Thermal Discharging
SLP092	361	'38009190_/555577487'		3.3	10	10	1.304	4.9	10	3.83 No	1.304 Thermal Discharging
SLP092	362	'38009204_/555577475'		3.3	10	10	1.304	4.9	10	3.83 No	1.304 Thermal Discharging
SLP092	363	'5969188_/5969186'		0.73	3.33	3.33	0.432	0.3	3.33	1.28 No	0.3 Element Fault
SLP092	364	'8107689_/8107686'		3	10	10	1.304	4.7	10	3.83 No	1.304 Thermal Discharging
SLP092	365	'7053826_/7054940'		1.13	3.33	3.33	0.432	0.6	3.33	1.28 No	0.432 Thermal Discharging
SLP092	366	'5969554_/5969552'		0.73	3.33	3.33	0.432	0.5	3.33	1.28 No	0.432 Thermal Discharging
SLP092	367	'44049934_/44049936'		0.93	3.33	3.33	0.432	0.5	3.33	1.28 No	0.432 Thermal Discharging
SLP092	368	'5972295_/5972292'		1.07	3.33	3.33	0.432	0.5	3.33	1.28 No	0.432 Thermal Discharging
SLP092	369	'44050036_/7056155'		1.23	3.33	3.33	0.432	0.5	3.33	1.28 No	0.432 Thermal Discharging
SLP092	370	'56897834_/56898223'		2.4	9.8	10	1.304	4.8	10	3.83 No	1.304 Thermal Discharging
SLP092	371	'5933678_/5933676'		1.07	3.33	3.33	0.432	0.5	3.33	1.28 No	0.432 Thermal Discharging
SLP092	372	'5940409_/5940419'		1.07	3.33	3.33	0.432	0.5	3.33	1.28 No	0.432 Thermal Discharging
SLP092	373	'7053732_/7053742'		1.23	3.33	3.33	0.432	0.5	3.33	1.28 No	0.432 Thermal Discharging
SLP092	374	'9680215_/9680212'		1.1	3.33	3.33	0.432	1.4	3.33	1.28 No	0.432 Thermal Discharging
SLP092	375	'7055362_/7055359'		1	3.33	3.33	0.432	0.2	3.33	1.28 No	0.2 Element Fault
SLP092	376	'7054750_/7054747'		1	3.33	3.33	0.432	0.3	3.33	1.28 No	0.3 Element Fault
SLP092	377	'7053946_/7118876'		1.2	3.33	3.33	0.432	0.5	3.33	1.28 No	0.432 Thermal Discharging
SLP092	378	'7054847_/7054844'		0.97	3.33	3.33	0.432	0.3	3.33	1.28 No	0.3 Element Fault
SLP092	379	'43823869_/5972114'		0.7	3.33	3.33	0.432	0.5	3.33	1.28 No	0.432 Thermal Discharging
SLP092	380	'5933750_/5933760'		1.07	3.33	3.33	0.432	0.5	3.33	1.28 No	0.432 Thermal Discharging
SLP092	381	'7053825_/7053823'		1.07	3.33	3.33	0.432	0.6	3.33	1.28 No	0.432 Thermal Discharging
SLP092	382	'428650512_/428650491'		1.67	6.53	6.67	0.864	3.2	6.67	2.55 No	0.864 Thermal Discharging
SLP092	383	'43818495_/5938083'		1.03	3.33	3.33	0.432	0.5	3.33	1.28 No	0.432 Thermal Discharging
SLP092	384	'7054792_/7055569'		0.93	3.33	3.33	0.432	0.3	3.33	1.28 No	0.3 Element Fault
SLP092	385	'8107708_/9346104'		3.1	10	10	1.304	4.8	10	3.83 No	1.304 Thermal Discharging
SLP092	386	'43824942_/5972305'		1	3.33	3.33	0.432	0.5	3.33	1.28 No	0.432 Thermal Discharging
SLP092	387	'7059701_/7059699'		0.87	3.33	3.33	0.432	0.5	3.33	1.28 No	0.432 Thermal Discharging
SLP092	388	'7054763_/7054760'		0.97	3.33	3.33	0.432	0.3	3.33	1.28 No	0.3 Element Fault
SLP092	389	'5972091_/5972101'		0.7	3.33	3.33	0.432	0.5	3.33	1.28 No	0.432 Thermal Discharging
SLP092	390	'5933749_/5933747'		1.03	3.33	3.33	0.432	0.5	3.33	1.28 No	0.432 Thermal Discharging
SLP092	391	'7054860_/7054857'		0.93	3.33	3.33	0.432	0.3	3.33	1.28 No	0.3 Element Fault
SLP092	392	'8107789_/9346084'		2.8	10	10	1.304	4.5	10	3.83 No	1.304 Thermal Discharging
SLP092	393	'44049292_/7053729'		1.17	3.33	3.33	0.432	0.5	3.33	1.28 No	0.432 Thermal Discharging
SLP092	394	'7054270_/7054293'		0.93	3.33	3.33	0.432	0.3	3.33	1.28 No	0.3 Element Fault
SLP092	395	'308414279_/7054734'		0.93	3.33	3.33	0.432	0.3	3.33	1.28 No	0.3 Element Fault
SLP092	396	'7053933_/7053943_2'		1.13	3.33	3.33	0.432	0.5	3.33	1.28 No	0.432 Thermal Discharging
SLP092	397	'7786258_/7786255'		2.2	10	10	1.304	0.9	10	3.83 No	0.9 Element Fault
SLP092	398	'44049625_/44049627'		1.03	3.33	3.33	0.432	0.6	3.33	1.28 No	0.432 Thermal Discharging
SLP092	399	'441406098_/5972088_2'		0.67	3.33	3.33	0.432	0.5	3.33	1.28 No	0.432 Thermal Discharging
SLP092	400	'211632169_/211632238'		1.8	6.67	6.67	0.864	3.13	6.67	2.55 No	0.864 Thermal Discharging
SLP092	401	'44049347_/7053943_1'		1.13	3.33	3.33	0.432	0.5	3.33	1.28 No	0.432 Thermal Discharging
SLP092	402	'43819255_/5940406'		1	3.33	3.33	0.432	0.5	3.33	1.28 No	0.432 Thermal Discharging
SLP092	403	'428650487_/428650466'		2.6	10	10	1.304	4.8	10	3.83 No	1.304 Thermal Discharging
SLP092	404	'7056171_/7056168'		1.1	3.33	3.33	0.432	0.5	3.33	1.28 No	0.432 Thermal Discharging
SLP092	405	'5933666_/5938070'		1	3.33	3.33	0.432	0.5	3.33	1.28 No	0.432 Thermal Discharging
SLP092	406	'43818539_/43818541'		1	3.33	3.33	0.432	0.5	3.33	1.28 No	0.432 Thermal Discharging
SLP092	407	'7054873_/7054870'		0.9	3.33	3.33	0.432	0.3	3.33	1.28 No	0.3 Element Fault
SLP092	408	'56897734_/56898210'		2.2	7.2	10	1.304	4.8	10	3.83 No	1.304 Thermal Discharging
SLP092	409	'7055375_/7055372'		0.9	3.33	3.33	0.432	0.2	3.33	1.28 No	0.2 Element Fault
SLP092	410	'56897718_/56898287'		2.2	7.2	10	1.304	4.8	10	3.83 No	1.304 Thermal Discharging
SLP092	411	'5972321_/5972318'		0.97	3.33	3.33	0.432	0.5	3.33	1.28 No	0.432 Thermal Discharging
SLP092	412	'7053706_/7053716'		1.13	3.33	3.33	0.432	0.5	3.33	1.28 No	0.432 Thermal Discharging
SLP092	413	'44049658_/44049660'		0.9	3.33	3.33	0.432	0.3	3.33	1.28 No	0.3 Element Fault
SLP092	414	'44049647_/308414288'		0.9	3.33	3.33	0.432	0.3	3.33	1.28 No	0.3 Element Fault
SLP092	415	'7053813_/7054481'		1	3.33	3.33	0.432	0.6	3.33	1.28 No	0.432 Thermal Discharging
SLP092	416	'5972078_/5972088_1'		0.67	3.23	3.33	0.432	0.5	3.33	1.28 No	0.432 Thermal Discharging
SLP092	417	'44049403_/7118889'		0.83	3.33	3.33	0.432	0.5	3.33	1.28 No	0.432 Thermal Discharging
SLP092	418	'56897685_/56898197'		2.2	7.2	10	1.304	4.8	10	3.83 No	1.304 Thermal Discharging
SLP092	419	'7054214_/7054267'		0.87	3.27	3.33	0.432	0.3	3.33	1.28 No	0.3 Element Fault
SLP092	420	'5933737_/5938109'		0.97	3.33	3.33	0.432	0.5	3.33	1.28 No	0.432 Thermal Discharging
SLP092	421	'8107788_/8107786'		2.6	9.7	10	1.304	4.5	10	3.83 No	1.304 Thermal Discharging
SLP092	422	'5933653_/5933663'		0.97	3.33	3.33	0.432	0.5	3.33	1.28 No	0.432 Thermal Discharging
SLP092	423	'7055388_/7055385'		0.87	3.27	3.33	0.432	0.2	3.33	1.28 No	0.2 Element Fault
SLP092	424	'5940383_/5940393'		0.93	3.33	3.33	0.432	0.5	3.33	1.28 No	0.432 Thermal Discharging
SLP092	425	'5972334_/5972331'		0.93	3.2	3.33	0.432	0.5	3.33	1.28 No	0.432 Thermal Discharging
SLP092	426	'7786163_/54359919'		1.73	5.67	6.67	0.864	3	6.67	2.55 No	0.864 Thermal Discharging
SLP092	427	'7053800_/7053810'		0.97	3.33	3.33	0.432	0.6	3.33	1.28 No	0.432 Thermal Discharging
SLP092	428	'7053693_/7053703'		1.07	3.33	3.33	0.432	0.5	3.33	1.28 No	0.432 Thermal Discharging
SLP092	429	'7053920_/7053930'		1.03	3.33	3.33	0.432	0.5	3.33	1.28 No	0.432 Thermal Discharging
SLP092	430	'7052495_/7054776'		0.87	3.2	3.33	0.432	0.3	3.33	1.28 No	0.3 Element Fault
SLP092	431	'7054724_/7054901'		0.87	3.2	3.33	0.432	0.3	3.33	1.28 No	0.3 Element Fault

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
											VSR (MW)	Limiting Threshold
SLP092	432	'7056184_/_7056181'		1.03	3.33	3.33	0.432	0.5	3.33	1.28 No	0.432	Thermal Discharging
SLP092	433	'5933736_/_5933734'		0.97	3.27	3.33	0.432	0.5	3.33	1.28 No	0.432	Thermal Discharging
SLP092	434	'8417919_/_8417916'		2.8	9.3	10	1.304	4.4	10	3.83 No	1.304	Thermal Discharging
SLP092	435	'7054244_/_7054254'		0.83	3.13	3.33	0.432	0.3	3.33	1.28 No	0.3	Element Fault
SLP092	436	'8106809_/_8422946'		2.8	9.1	10	1.304	4.8	10	3.83 No	1.304	Thermal Discharging
SLP092	437	'5933652_/_5933650'		0.93	3.23	3.33	0.432	0.5	3.33	1.28 No	0.432	Thermal Discharging
SLP092	438	'56898327_/_56898311'		1.1	3.33	3.33	0.432	1.6	3.33	1.28 No	0.432	Thermal Discharging
SLP092	439	'7054215_/_7054212'		0.83	3.13	3.33	0.432	0.3	3.33	1.28 No	0.3	Element Fault
SLP092	440	'56898328_/_56898325'		0.73	3.33	3.33	0.432	1.6	3.33	1.28 No	0.432	Thermal Discharging
SLP092	441	'7055401_/_7055398'		0.83	3.13	3.33	0.432	0.2	3.33	1.28 No	0.2	Element Fault
SLP092	442	'7055666_/_56898357_1'		1.07	3.33	3.33	0.432	0.5	3.33	1.28 No	0.432	Thermal Discharging
SLP092	443	'7053677_/_7053690_2'		1.03	3.33	3.33	0.432	0.5	3.33	1.28 No	0.432	Thermal Discharging
SLP092	444	'5972065_/_5972075'		0.63	3.03	3.33	0.432	0.5	3.33	1.28 No	0.432	Thermal Discharging
SLP092	445	'44049281_/_7053690_1'		1.03	3.33	3.33	0.432	0.5	3.33	1.28 No	0.432	Thermal Discharging
SLP092	446	'56898388_/_56898357_2'		1.07	3.33	3.33	0.432	1.6	3.33	1.28 No	0.432	Thermal Discharging
SLP092	447	'44049314_/_7053797'		0.93	3.33	3.33	0.432	0.6	3.33	1.28 No	0.432	Thermal Discharging
SLP092	448	'43818528_/_43818530'		0.93	3.17	3.33	0.432	0.5	3.33	1.28 No	0.432	Thermal Discharging
SLP092	449	'7054147_/_7054241'		0.83	3.07	3.33	0.432	0.3	3.33	1.28 No	0.3	Element Fault
SLP092	450	'43819233_/_43819235'		0.9	3.13	3.33	0.432	0.5	3.33	1.28 No	0.432	Thermal Discharging
SLP092	451	'44049391_/_44049393'		0.73	3.33	3.33	0.432	0.5	3.33	1.28 No	0.432	Thermal Discharging
SLP092	452	'40972577_/_7052493'		0.8	3	3.33	0.432	0.3	3.33	1.28 No	0.3	Element Fault
SLP092	453	'7053907_/_7053917'		0.97	3.33	3.33	0.432	0.5	3.33	1.28 No	0.432	Thermal Discharging
SLP092	454	'7055585_/_7055663'		1.03	3.33	3.33	0.432	0.5	3.33	1.28 No	0.432	Thermal Discharging
SLP092	455	'5950976_/_5950986'		0.9	3.1	3.33	0.432	0.5	3.33	1.28 No	0.432	Thermal Discharging
SLP092	456	'5940382_/_5940380'		0.87	3.17	3.33	0.432	0.5	3.33	1.28 No	0.432	Thermal Discharging
SLP092	457	'7052629_/_7052639'		0.9	3.33	3.33	0.432	0.6	3.33	1.28 No	0.432	Thermal Discharging
SLP092	458	'43824953_/_5972344'		0.87	2.97	3.33	0.432	0.5	3.33	1.28 No	0.432	Thermal Discharging
SLP092	459	'7045635_/_7053674'		0.97	3.33	3.33	0.432	0.5	3.33	1.28 No	0.432	Thermal Discharging
SLP092	460	'5940448_/_5940458'		0.9	3.07	3.33	0.432	0.5	3.33	1.28 No	0.432	Thermal Discharging
SLP092	461	'38007839_/_8417048'		2.7	8.5	10	1.304	4.8	10	3.83 No	1.304	Thermal Discharging
SLP092	462	'404859033_/_38007836'		2.7	8.5	10	1.304	4.8	10	3.83 No	1.304	Thermal Discharging
SLP092	463	'404859032_/_38007857'		2.7	8.5	10	1.304	4.8	10	3.83 No	1.304	Thermal Discharging
SLP092	464	'38007796_/_38007794'		2.7	8.5	10	1.304	4.8	10	3.83 No	1.304	Thermal Discharging
SLP092	465	'404870324_/_404870321'		2.7	8.5	10	1.304	4.8	10	3.83 No	1.304	Thermal Discharging
SLP092	466	'7054134_/_7054144'		0.8	2.97	3.33	0.432	0.3	3.33	1.28 No	0.3	Element Fault
SLP092	467	'7054231_/_7054228'		0.8	2.97	3.33	0.432	0.3	3.33	1.28 No	0.3	Element Fault
SLP092	468	'7786164_/_54360182'		2.4	8.7	10	1.304	4.5	10	3.83 No	1.304	Thermal Discharging
SLP092	469	'211632348_/_211632200'		2.3	8.7	10	1.304	4.7	10	3.83 No	1.304	Thermal Discharging
SLP092	470	'7054283_/_7054721'		0.8	2.93	3.33	0.432	0.3	3.33	1.28 No	0.3	Element Fault
SLP092	471	'7055584_/_7055582'		1.03	3.33	3.33	0.432	0.5	3.33	1.28 No	0.432	Thermal Discharging
SLP092	472	'7054509_/_7055424'		0.8	2.93	3.33	0.432	0.2	3.33	1.28 No	0.2	Element Fault
SLP092	473	'5972052_/_5972062'		0.57	2.8	3.33	0.432	0.5	3.33	1.28 No	0.432	Thermal Discharging
SLP092	474	'5940370_/_5950973'		0.87	3	3.33	0.432	0.5	3.33	1.28 No	0.432	Thermal Discharging
SLP092	475	'7052628_/_7052626'		0.87	3.33	3.33	0.432	0.6	3.33	1.28 No	0.432	Thermal Discharging
SLP092	476	'9678982_/_9679020'		2.6	8.2	10	1.304	4.8	10	3.83 No	1.304	Thermal Discharging
SLP092	477	'7045869_/_7057388'		1.4	5.13	6.67	0.864	1	6.67	2.55 No	0.864	Thermal Discharging
SLP092	478	'56897592_/_56898184'		1.8	6.5	10	1.304	4.8	10	3.83 No	1.304	Thermal Discharging
SLP092	479	'7055601_/_7055598'		1	3.33	3.33	0.432	0.5	3.33	1.28 No	0.432	Thermal Discharging
SLP092	480	'7786293_/_428650516'		2.3	8.5	10	1.304	4.8	10	3.83 No	1.304	Thermal Discharging
SLP092	481	'7054121_/_7054131'		0.77	2.9	3.33	0.432	0.3	3.33	1.28 No	0.3	Element Fault
SLP092	482	'7473788_/_9678980'		2.6	8.1	10	1.304	4.8	10	3.83 No	1.304	Thermal Discharging
SLP092	483	'7054282_/_7054280'		0.8	2.83	3.33	0.432	0.3	3.33	1.28 No	0.3	Element Fault
SLP092	484	'7053894_/_7053904'		0.93	3.33	3.33	0.432	0.5	3.33	1.28 No	0.432	Thermal Discharging
SLP092	485	'44049548_/_7055676'		1	3.3	3.33	0.432	0.5	3.33	1.28 No	0.432	Thermal Discharging
SLP092	486	'7045622_/_7045632'		0.93	3.33	3.33	0.432	0.5	3.33	1.28 No	0.432	Thermal Discharging
SLP092	487	'7054160_/_7054157'		0.77	2.83	3.33	0.432	0.3	3.33	1.28 No	0.3	Element Fault
SLP092	488	'44049833_/_44049835'		0.83	3.33	3.33	0.432	0.6	3.33	1.28 No	0.432	Thermal Discharging
SLP092	489	'211634440_/_211634478'		1.4	5.07	6.67	0.864	3.13	6.67	2.55 No	0.864	Thermal Discharging
SLP092	490	'43819222_/_43819224'		0.87	2.93	3.33	0.432	0.5	3.33	1.28 No	0.432	Thermal Discharging
SLP092	491	'43818517_/_5940367'		0.87	2.93	3.33	0.432	0.5	3.33	1.28 No	0.432	Thermal Discharging
SLP092	492	'7045870_/_7045867'		1.4	5.13	6.67	0.864	1	6.67	2.55 No	0.864	Thermal Discharging
SLP092	493	'7054076_/_7054118'		0.77	2.83	3.33	0.432	0.3	3.33	1.28 No	0.3	Element Fault
SLP092	494	'7054510_/_7054507'		0.77	2.8	3.33	0.432	0.2	3.33	1.28 No	0.2	Element Fault
SLP092	495	'432432709_/_7786291'		2.3	8.3	10	1.304	4.8	10	3.83 No	1.304	Thermal Discharging
SLP092	496	'44049559_/_44049561'		0.97	3.23	3.33	0.432	0.5	3.33	1.28 No	0.432	Thermal Discharging
SLP092	497	'404794867_/_555577384'		2.2	8.1	10	1.304	4.5	10	3.83 No	1.304	Thermal Discharging
SLP092	498	'555577393_/_555577390'		2.2	8.1	10	1.304	4.5	10	3.83 No	1.304	Thermal Discharging
SLP092	499	'38009050_/_555577378'		2.2	8.1	10	1.304	4.5	10	3.83 No	1.304	Thermal Discharging
SLP092	500	'38009078_/_555577372'		2.2	8.1	10	1.304	4.5	10	3.83 No	1.304	Thermal Discharging
SLP092	501	'5972051_/_5972049'		0.57	2.7	3.33	0.432	0.5	3.33	1.28 No	0.432	Thermal Discharging
SLP092	502	'7055614_/_7055611'		0.97	3.2	3.33	0.432	0.5	3.33	1.28 No	0.432	Thermal Discharging
SLP092	503	'7055708_/_7055718'		0.67	3.33	3.33	0.432	0.5	3.33	1.28 No	0.432	Thermal Discharging
SLP092	504	'38009064_/_54360028'		2.2	8.1	10	1.304	4.5	10	3.83 No	1.304	Thermal Discharging
SLP092	505	'5972347_/_43824955'		0.8	2.73	3.33	0.432	0.5	3.33	1.28 No	0.432	Thermal Discharging
SLP092	506	'438181202_/_432432772'		2.3	8.2	10	1.304	4.8	10	3.83 No	1.304	Thermal Discharging
SLP092	507	'54359913_/_54359867_2'		2.2	8	10	1.304	4.5	10	3.83 No	1.304	Thermal Discharging
SLP092	508	'5940302_/_5940432'		0.83	2.87	3.33	0.432	0.5	3.33	1.28 No	0.432	Thermal Discharging
SLP092	509	'44049209_/_54359867_1'		2.2	7.9	10	1.304	2.3	10	3.83 No	1.304	Thermal Discharging
SLP092	510	'7054050_/_7054073'		0.77	2.77	3.33	0.432	0.3	3.33	1.28 No	0.3	Element Fault
SLP092	511	'7045621_/_7045619'		0.9	3.33	3.33	0.432	0.5	3.33	1.28 No	0.432	Thermal Discharging
SLP092	512	'44049336_/_7053891'		0.87	3.33	3.33	0.432	0.5	3.33	1.28 No	0.432	Thermal Discharging
SLP092	513	'7045888_/_7045885'		1.4	5.13	6.67	0.864	1	6.67	2.55 No	0.864	Thermal Discharging
SLP092	514	'44049259_/_44049261'		0.77	2.7	3.33	0.432	0.3	3.33	1.28 No	0.3	Element Fault
SLP092	515	'5940341_/_5940354'		0.83	2.8	3.33	0.432	0.5	3.33	1.28 No	0.432	Thermal Discharging
SLP092	516	'7474755_/_346774440'		0.77	3.07	3.33	0.432	1.4	3.33	1.28 No	0.432	Thermal Discharging
SLP092	517	'7045514_/_7045512'		0.8	3.33	3.33	0.432	0.6	3.33	1.28 No	0.432	Thermal Discharging
SLP092	518	'37999998_/_7473786'		2.5	7.6	10	1.304	4.8	10	3.83 No	1.304	Thermal Discharging
SLP092	519	'404870402_/_380000002'		2.5	7.6	10	1.304	4.8	10	3.83 No	1.304	Thermal Discharging
SLP092	520	'38000012_/_380000009'		2.5	7.6	10	1.304	4.8	10	3.83 No	1.304	Thermal Discharging
SLP092	521	'38000026_/_380000030'		2.5	7.6	10	1.304	4.8	10	3.83 No	1.304	Thermal Discharging
SLP092	522	'404870403_/_404870400'		2.5	7.6	10	1.304	4.8	10	3.83 No	1.304	Thermal Discharging
SLP092	523	'7054523_/_7054520'		0.73	2.7	3.33	0.432	0.2	3.33	1.28 No	0.2	Element Fault
SLP092	524	'7054037_/_7054047'		0.73</								

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SLP092	526	'38009596_/38009593'	2.2	7.9	10	1.304	4.8	10	3.83 No	1.304	Thermal Discharging
SLP092	527	'404794184_/404794181'	2.2	7.9	10	1.304	4.8	10	3.83 No	1.304	Thermal Discharging
SLP092	528	'38009582_/38009586'	2.2	7.9	10	1.304	4.8	10	3.83 No	1.304	Thermal Discharging
SLP092	529	'404794183_/38009565'	2.2	7.9	10	1.304	4.8	10	3.83 No	1.304	Thermal Discharging
SLP092	530	'7052200_/7052198'	2.2	7.8	10	1.304	2.3	10	3.83 No	1.304	Thermal Discharging
SLP092	531	'211633093_/211633099'	2.1	7.8	10	1.304	4.7	10	3.83 No	1.304	Thermal Discharging
SLP092	532	'7045681_/7054060'	0.73	2.7	3.33	0.432	0.3	3.33	1.28 No	0.3	Element Fault
SLP092	533	'7045531_/7045528'	0.8	3.33	3.33	0.432	0.6	3.33	1.28 No	0.432	Thermal Discharging
SLP092	534	'7054173_/7054170'	0.73	2.67	3.33	0.432	0.3	3.33	1.28 No	0.3	Element Fault
SLP092	535	'5940301_/5940299'	0.8	2.8	3.33	0.432	0.5	3.33	1.28 No	0.432	Thermal Discharging
SLP092	536	'44049753_/44049755'	2.2	7.7	10	1.304	2.3	10	3.83 No	1.304	Thermal Discharging
SLP092	537	'7785429_/9679348'	2.4	7.4	10	1.304	4.8	10	3.83 No	1.304	Thermal Discharging
SLP092	538	'7786350_/9365496_2'	2.2	7.8	10	1.304	4.8	10	3.83 No	1.304	Thermal Discharging
SLP092	539	'211633124_/211633130'	2.1	7.7	10	1.304	4.7	10	3.83 No	1.304	Thermal Discharging
SLP092	540	'7057371_/9365496_1'	2.2	7.8	10	1.304	1.5	10	3.83 No	1.304	Thermal Discharging
SLP092	541	'44049526_/44049550'	0.93	3	3.33	0.432	0.5	3.33	1.28 No	0.432	Thermal Discharging
SLP092	542	'7055695_/7055705'	0.63	3.33	3.33	0.432	0.5	3.33	1.28 No	0.432	Thermal Discharging
SLP092	543	'7785430_/7785427'	2.4	7.4	10	1.304	4.8	10	3.83 No	1.304	Thermal Discharging
SLP092	544	'7052735_/7052733'	0.77	3.33	3.33	0.432	0.6	3.33	1.28 No	0.432	Thermal Discharging
SLP092	545	'7055626_/7055650'	0.93	3	3.33	0.432	0.5	3.33	1.28 No	0.432	Thermal Discharging
SLP092	546	'7053447_/7054585'	0.73	2.6	3.33	0.432	0.3	3.33	1.28 No	0.3	Element Fault
SLP092	547	'7045724_/7053878'	0.83	3.33	3.33	0.432	0.5	3.33	1.28 No	0.432	Thermal Discharging
SLP092	548	'7052438_/7052436'	2.2	7.6	10	1.304	2.3	10	3.83 No	1.304	Thermal Discharging
SLP092	549	'44049822_/44049824'	0.83	3.33	3.33	0.432	0.5	3.33	1.28 No	0.432	Thermal Discharging
SLP092	550	'211632252_/211632273'	0.73	2.83	3.33	0.432	1.4	3.33	1.28 No	0.432	Thermal Discharging
SLP092	551	'7054189_/7054186'	0.7	2.6	3.33	0.432	0.3	3.33	1.28 No	0.3	Element Fault
SLP092	552	'38009106_/54359834'	2.1	7.5	10	1.304	4.5	10	3.83 No	1.304	Thermal Discharging
SLP092	553	'38009120_/38009124'	2.1	7.5	10	1.304	4.5	10	3.83 No	1.304	Thermal Discharging
SLP092	554	'404794729_/38009103'	2.1	7.5	10	1.304	4.5	10	3.83 No	1.304	Thermal Discharging
SLP092	555	'38009092_/38009096'	2.1	7.5	10	1.304	4.5	10	3.83 No	1.304	Thermal Discharging
SLP092	556	'404794758_/404794755'	2.1	7.5	10	1.304	4.5	10	3.83 No	1.304	Thermal Discharging
SLP092	557	'7054536_/7054533'	0.7	2.57	3.33	0.432	0.2	3.33	1.28 No	0.2	Element Fault
SLP092	558	'404858773_/9679368'	2.4	7.2	10	1.304	4.8	10	3.83 No	1.304	Thermal Discharging
SLP092	559	'404858766_/38007997'	2.4	7.2	10	1.304	4.8	10	3.83 No	1.304	Thermal Discharging
SLP092	560	'404858779_/38008018'	2.4	7.2	10	1.304	4.8	10	3.83 No	1.304	Thermal Discharging
SLP092	561	'404858884_/404858881'	2.4	7.2	10	1.304	4.8	10	3.83 No	1.304	Thermal Discharging
SLP092	562	'404858767_/38007990'	2.4	7.2	10	1.304	4.8	10	3.83 No	1.304	Thermal Discharging
SLP092	563	'7057354_/7057368'	2.1	7.6	10	1.304	1.5	10	3.83 No	1.304	Thermal Discharging
SLP092	564	'44049436_/44049438'	2.2	7.6	3.33	0.432	0.3	3.33	1.28 No	0.3	Element Fault
SLP092	565	'7052422_/7052473'	0.7	2.5	10	1.304	2.3	10	3.83 No	1.304	Thermal Discharging
SLP092	566	'7045475_/7052746'	0.77	3.33	3.33	0.432	0.6	3.33	1.28 No	0.432	Thermal Discharging
SLP092	567	'271233609_/211632993_1'	2	6.7	10	1.304	4.5	10	3.83 No	1.304	Thermal Discharging
SLP092	568	'44076977_/44076979'	0.7	2.53	3.33	0.432	0.3	3.33	1.28 No	0.3	Element Fault
SLP092	569	'103443234_/54359767_2'	2.1	7.4	10	1.304	4.5	10	3.83 No	1.304	Thermal Discharging
SLP092	570	'43819244_/5940338'	0.77	2.63	3.33	0.432	0.5	3.33	1.28 No	0.432	Thermal Discharging
SLP092	571	'7052159_/54359767_1'	2.1	7.4	10	1.304	1.5	10	3.83 No	1.304	Thermal Discharging
SLP092	572	'7045682_/7045679'	0.7	2.57	3.33	0.432	0.3	3.33	1.28 No	0.3	Element Fault
SLP092	573	'109845411_/109845337_1'	2.1	7.3	10	1.304	0.9	10	3.83 No	0.9	Element Fault
SLP092	574	'44049570_/7055624'	0.9	2.87	3.33	0.432	0.5	3.33	1.28 No	0.432	Thermal Discharging
SLP092	575	'7052602_/7052600'	0.8	3.23	3.33	0.432	0.5	3.33	1.28 No	0.432	Thermal Discharging
SLP092	576	'7058565_/7058577'	1.4	4.8	6.67	0.864	1	6.67	2.55 No	0.864	Thermal Discharging
SLP092	577	'44049740_/7052419'	2.2	7.3	10	1.304	2.3	10	3.83 No	1.304	Thermal Discharging
SLP092	578	'44049380_/44049382'	0.6	3.33	3.33	0.432	0.5	3.33	1.28 No	0.432	Thermal Discharging
SLP092	579	'63786129_/9365320_2'	2.3	7	10	1.304	4.8	10	3.83 No	1.304	Thermal Discharging
SLP092	580	'404794973_/38009019'	2	7.2	10	1.304	4.5	10	3.83 No	1.304	Thermal Discharging
SLP092	581	'38009008_/38009012'	2	7.2	10	1.304	4.5	10	3.83 No	1.304	Thermal Discharging
SLP092	582	'404795000_/404794997'	2	7.2	10	1.304	4.5	10	3.83 No	1.304	Thermal Discharging
SLP092	583	'38009036_/38009040'	2	7.2	10	1.304	4.5	10	3.83 No	1.304	Thermal Discharging
SLP092	584	'7042950_/9365320_1'	2.3	7	10	1.304	1.9	10	3.83 No	1.304	Thermal Discharging
SLP092	585	'38009022_/54359736'	2	7.2	10	1.304	4.5	10	3.83 No	1.304	Thermal Discharging
SLP092	586	'7052217_/7052235'	2.1	7.2	10	1.304	1.5	10	3.83 No	1.304	Thermal Discharging
SLP092	587	'7057539_/7058562'	1.33	4.8	6.67	0.864	1	6.67	2.55 No	0.864	Thermal Discharging
SLP092	588	'7045711_/7045721'	0.8	3.17	3.33	0.432	0.5	3.33	1.28 No	0.432	Thermal Discharging
SLP092	589	'7042933_/7042947'	2.3	7	10	1.304	1.9	10	3.83 No	1.304	Thermal Discharging
SLP092	590	'7057337_/7057351'	2	7.3	10	1.304	1.5	10	3.83 No	1.304	Thermal Discharging
SLP092	591	'7054600_/7054640_2'	0.7	2.47	3.33	0.432	0.3	3.33	1.28 No	0.3	Element Fault
SLP092	592	'44049855_/7045473'	0.73	3.33	3.33	0.432	0.6	3.33	1.28 No	0.432	Thermal Discharging
SLP092	593	'7053433_/7053431'	0.7	2.47	3.33	0.432	0.3	3.33	1.28 No	0.3	Element Fault
SLP092	594	'109845301_/109845337_2'	2.1	7.1	10	1.304	0.9	10	3.83 No	0.9	Element Fault
SLP092	595	'7054549_/7054546'	0.67	2.47	3.33	0.432	0.2	3.33	1.28 No	0.2	Element Fault
SLP092	596	'44049414_/7054640_1'	0.7	2.47	3.33	0.432	0.3	3.33	1.28 No	0.3	Element Fault
SLP092	597	'7052388_/7052402'	2.1	7.2	10	1.304	2.3	10	3.83 No	1.304	Thermal Discharging
SLP092	598	'7054372_/7055637'	0.87	2.8	3.33	0.432	0.5	3.33	1.28 No	0.432	Thermal Discharging
SLP092	599	'38008028_/63785830'	2.3	6.9	10	1.304	4.8	10	3.83 No	1.304	Thermal Discharging
SLP092	600	'404843517_/38008032'	2.3	6.9	10	1.304	4.8	10	3.83 No	1.304	Thermal Discharging
SLP092	601	'38008056_/38008060'	2.3	6.9	10	1.304	4.8	10	3.83 No	1.304	Thermal Discharging
SLP092	602	'38008042_/38008039'	2.3	6.9	10	1.304	4.8	10	3.83 No	1.304	Thermal Discharging
SLP092	603	'404843572_/404843569'	2.3	6.9	10	1.304	4.8	10	3.83 No	1.304	Thermal Discharging
SLP092	604	'44044503_/7042930'	2.3	6.9	10	1.304	1.9	10	3.83 No	1.304	Thermal Discharging
SLP092	605	'7058481_/7058595'	1.33	4.67	6.67	0.864	1	6.67	2.55 No	0.864	Thermal Discharging
SLP092	606	'395906415_/56897831_2'	0.83	2.67	3.33	0.432	1.6	3.33	1.28 No	0.432	Thermal Discharging
SLP092	607	'44049447_/7045692'	0.67	2.47	3.33	0.432	0.3	3.33	1.28 No	0.3	Element Fault
SLP092	608	'44049515_/44049528'	0.83	2.77	3.33	0.432	0.5	3.33	1.28 No	0.432	Thermal Discharging
SLP092	609	'56897833_/56897831_1'	0.83	2.67	3.33	0.432	1.6	3.33	1.28 No	0.432	Thermal Discharging
SLP092	610	'54358654_/54358621_2'	2	7	10	1.304	4.5	10	3.83 No	1.304	Thermal Discharging
SLP092	611	'73754860_/73754829'	2.3	6.8	10	1.304	1.9	10	3.83 No	1.304	Thermal Discharging
SLP092	612	'44049172_/54358621_1'	2	7	10	1.304	1.6	10	3.83 No	1.304	Thermal Discharging
SLP092	613	'7054011_/7054021'	0.67	2.47	3.33	0.432	0.3	3.33	1.28 No	0.3	Element Fault
SLP092	614	'347311714_/324617592'	2.1	7	10	1.304	0.9	10	3.83 No	0.9	Element Fault
SLP092	615	'324617964_/324617532'	2.1	7	10	1.304	0.9	10	3.83 No	0.9	Element Fault
SLP092	616	'7057143_/7057334'	2	7.1	10	1.304	1.5	10	3.83 No	1.304	Thermal Discharging
SLP092	617	'56897879_/56897857_2'	0.83	2.67	3.33	0.432	1.6	3.33	1.28 No	0.432	Thermal Discharging
SLP092	618	'73755036_/73754864_1'	2.1	6.5	10	1.304	1.5	10	3.83 No	1.304	Thermal Discharging
SLP092	619	'56897770_/56897857_1'	0.83	2.67	3.33	0.432	0.5	3.33	1.28 No	0.432	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over- Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SLP092	620	'56897828_/56897825_2'		0.57	2.67	3.33	0.432	1.6	3.33	1.28	No 0.432 Thermal Discharging
SLP092	621	'7052371_/7052385'		2.1	7.1	10	1.304	2.3	10	3.83	No 1.304 Thermal Discharging
SLP092	622	'395906389_/56897825_1'		0.83	2.63	3.33	0.432	1.6	3.33	1.28	No 0.432 Thermal Discharging
SLP092	623	'7052709_/7052707'		0.77	3.03	3.33	0.432	0.5	3.33	1.28	No 0.432 Thermal Discharging
SLP092	624	'7053984_/7053982'		0.6	3.13	3.33	0.432	0.5	3.33	1.28	No 0.432 Thermal Discharging
SLP092	625	'7045489_/7045486'		0.73	3.33	3.33	0.432	0.6	3.33	1.28	No 0.432 Thermal Discharging
SLP092	626	'7055491_/7055501'		0.67	2.43	3.33	0.432	0.3	3.33	1.28	No 0.3 Element Fault
SLP092	627	'7036850_/7036867'		2.2	6.8	10	1.304	1.9	10	3.83	No 1.304 Thermal Discharging
SLP092	628	'7054373_/7054370'		0.83	2.73	3.33	0.432	0.5	3.33	1.28	No 0.432 Thermal Discharging
SLP092	629	'5940315_/5940325'		0.73	2.47	3.33	0.432	0.5	3.33	1.28	No 0.432 Thermal Discharging
SLP092	630	'44047120_/7042964'		2.2	6.7	10	1.304	1.9	10	3.83	No 1.304 Thermal Discharging
SLP092	631	'8633946_/9051305_2'		2.2	6.7	10	1.304	4.8	10	3.83	No 1.304 Thermal Discharging
SLP092	632	'7045710_/7045708'		0.77	2.97	3.33	0.432	0.5	3.33	1.28	No 0.432 Thermal Discharging
SLP092	633	'7052354_/7052368'		2.1	7	10	1.304	2.3	10	3.83	No 1.304 Thermal Discharging
SLP092	634	'8107889_/54358590'		1.9	6.9	10	1.304	4.5	10	3.83	No 1.304 Thermal Discharging
SLP092	635	'7043018_/9051305_1'		2.2	6.7	10	1.304	1.5	10	3.83	No 1.304 Thermal Discharging
SLP092	636	'450055737_/450055735'		0.8	2.6	3.33	0.432	0.5	3.33	1.28	No 0.432 Thermal Discharging
SLP092	637	'7055490_/7055488'		0.67	2.4	3.33	0.432	0.3	3.33	1.28	No 0.3 Element Fault
SLP092	638	'7036827_/7036847'		2.2	6.7	10	1.304	1.9	10	3.83	No 1.304 Thermal Discharging
SLP092	639	'7057295_/7059894'		0.8	2.57	3.33	0.432	0.5	3.33	1.28	No 0.432 Thermal Discharging
SLP092	640	'7054562_/7054559'		0.63	2.37	3.33	0.432	0.2	3.33	1.28	No 0.2 Element Fault
SLP092	641	'7052684_/7053862'		0.77	2.93	3.33	0.432	0.5	3.33	1.28	No 0.432 Thermal Discharging
SLP092	642	'7473829_/8417030_1'		1.47	4.4	6.67	0.864	0.6	6.67	2.55	No 0.6 Element Fault
SLP092	643	'44049727_/7052351'		2.1	6.9	10	1.304	2.3	10	3.83	No 1.304 Thermal Discharging
SLP092	644	'7042984_/7042981'		2.2	6.6	10	1.304	1.9	10	3.83	No 1.304 Thermal Discharging
SLP092	645	'353920756_/353920853'		2	6.8	10	1.304	0.9	10	3.83	No 0.9 Element Fault
SLP092	646	'7045502_/7045499'		0.7	3.33	3.33	0.432	0.6	3.33	1.28	No 0.432 Thermal Discharging
SLP092	647	'353920748_/353920745'		2	6.8	10	1.304	0.9	10	3.83	No 0.9 Element Fault
SLP092	648	'353920764_/353920761'		2	6.8	10	1.304	0.9	10	3.83	No 0.9 Element Fault
SLP092	649	'353920772_/353920769'		2	6.8	10	1.304	0.9	10	3.83	No 0.9 Element Fault
SLP092	650	'353920747_/353920753'		2	6.8	10	1.304	0.9	10	3.83	No 0.9 Element Fault
SLP092	651	'7045695_/44049449'		0.63	2.37	3.33	0.432	0.3	3.33	1.28	No 0.3 Element Fault
SLP092	652	'7055532_/7055543'		0.67	2.37	3.33	0.432	0.3	3.33	1.28	No 0.3 Element Fault
SLP092	653	'347311757_/353920979'		2	6.8	10	1.304	0.9	10	3.83	No 0.9 Element Fault
SLP092	654	'7054454_/7054451'		0.83	2.63	3.33	0.432	0.5	3.33	1.28	No 0.432 Thermal Discharging
SLP092	655	'7054386_/7054383'		0.83	2.63	3.33	0.432	0.5	3.33	1.28	No 0.432 Thermal Discharging
SLP092	656	'44050367_/56897767'		0.8	2.53	3.33	0.432	0.5	3.33	1.28	No 0.432 Thermal Discharging
SLP092	657	'7052320_/7052334'		2	6.8	10	1.304	2.3	10	3.83	No 1.304 Thermal Discharging
SLP092	658	'44044553_/7043015'		1.4	4.33	6.67	0.864	1	6.67	2.55	No 0.864 Thermal Discharging
SLP092	659	'7054201_/44049416'		0.67	2.33	3.33	0.432	0.3	3.33	1.28	No 0.3 Element Fault
SLP092	660	'625871013_/63785761_2'		2.1	6.5	10	1.304	4.8	10	3.83	No 1.304 Thermal Discharging
SLP092	661	'44049158_/44049160'		2	6.7	10	1.304	1.6	10	3.83	No 1.304 Thermal Discharging
SLP092	662	'7052511_/7052720'		0.73	2.87	3.33	0.432	0.5	3.33	1.28	No 0.432 Thermal Discharging
SLP092	663	'44049369_/44049371'		0.57	2.93	3.33	0.432	0.5	3.33	1.28	No 0.432 Thermal Discharging
SLP092	664	'73754895_/73754899'		2.1	6.5	10	1.304	1.5	10	3.83	No 1.304 Thermal Discharging
SLP092	665	'664636339_/664636283_3'		2.1	6.5	10	1.304	1.5	10	3.83	No 1.304 Thermal Discharging
SLP092	666	'7057294_/7057292'		0.77	2.5	3.33	0.432	0.5	3.33	1.28	No 0.432 Thermal Discharging
SLP092	667	'44049425_/44049427'		0.63	2.33	3.33	0.432	0.3	3.33	1.28	No 0.3 Element Fault
SLP092	668	'549812572_/664636283_2'		2.1	6.5	10	1.304	1.5	10	3.83	No 1.304 Thermal Discharging
SLP092	669	'7052303_/7052317'		2	6.8	10	1.304	2.3	10	3.83	No 1.304 Thermal Discharging
SLP092	670	'5940314_/5940312'		0.7	2.37	3.33	0.432	0.5	3.33	1.28	No 0.432 Thermal Discharging
SLP092	671	'44047133_/664636283_1'		2.1	6.5	10	1.304	1.5	10	3.83	No 1.304 Thermal Discharging
SLP092	672	'44044282_/7036824'		2.1	6.5	10	1.304	1.9	10	3.83	No 1.304 Thermal Discharging
SLP092	673	'7054399_/7054396'		0.8	2.57	3.33	0.432	0.5	3.33	1.28	No 0.432 Thermal Discharging
SLP092	674	'44049879_/44049881'		0.63	2.3	3.33	0.432	0.3	3.33	1.28	No 0.3 Element Fault
SLP092	675	'44049777_/7045541'		0.67	3.17	3.33	0.432	0.6	3.33	1.28	No 0.432 Thermal Discharging
SLP092	676	'7055679_/44049517'		0.8	2.57	3.33	0.432	0.5	3.33	1.28	No 0.432 Thermal Discharging
SLP092	677	'7052668_/7052681'		0.73	2.77	3.33	0.432	0.5	3.33	1.28	No 0.432 Thermal Discharging
SLP092	678	'467321969_/7036409'		0.7	2.13	3.33	0.432	0.63	3.33	1.28	No 0.432 Thermal Discharging
SLP092	679	'347311809_/353920888'		2	6.6	10	1.304	0.9	10	3.83	No 0.9 Element Fault
SLP092	680	'7054104_/7055530'		0.63	2.3	3.33	0.432	0.3	3.33	1.28	No 0.3 Element Fault
SLP092	681	'324617938_/324617671'		2	6.6	10	1.304	0.9	10	3.83	No 0.9 Element Fault
SLP092	682	'7046224_/7118970'		0.63	2.27	3.33	0.432	0.2	3.33	1.28	No 0.2 Element Fault
SLP092	683	'44044541_/7036969'		1.4	4.27	6.67	0.864	1	6.67	2.55	No 0.864 Thermal Discharging
SLP092	684	'44049714_/44049716'		2	6.6	10	1.304	2.3	10	3.83	No 1.304 Thermal Discharging
SLP092	685	'7043001_/7042998'		2.1	6.3	10	1.304	1.9	10	3.83	No 1.304 Thermal Discharging
SLP092	686	'7052302_/7118759_2'		2	6.6	10	1.304	2.3	10	3.83	No 1.304 Thermal Discharging
SLP092	687	'7054202_/7054199'		0.63	2.27	3.33	0.432	0.3	3.33	1.28	No 0.3 Element Fault
SLP092	688	'7052095_/7052093'		2	6.5	10	1.304	1.6	10	3.83	No 1.304 Thermal Discharging
SLP092	689	'9058406_/9371874_1'		2	6.5	10	1.304	1.6	10	3.83	No 1.304 Thermal Discharging
SLP092	690	'9052509_/428650666'		0.63	2.4	3.33	0.432	1.6	3.33	1.28	No 0.432 Thermal Discharging
SLP092	691	'8734775_/8734772'		1.9	6.5	10	1.304	0.9	10	3.83	No 0.9 Element Fault
SLP092	692	'8417033_/8417030_2'		1.4	4.2	6.67	0.864	0.6	6.67	2.55	No 0.6 Element Fault
SLP092	693	'44050252_/7118957'		0.8	2.53	3.33	0.432	0.5	3.33	1.28	No 0.432 Thermal Discharging
SLP092	694	'434579469_/7054409'		0.77	2.5	3.33	0.432	0.5	3.33	1.28	No 0.432 Thermal Discharging
SLP092	695	'7053972_/7054966'		0.53	2.77	3.33	0.432	0.5	3.33	1.28	No 0.432 Thermal Discharging
SLP092	696	'44049766_/7052509'		0.7	2.7	3.33	0.432	0.5	3.33	1.28	No 0.432 Thermal Discharging
SLP092	697	'7053997_/7053995'		0.6	2.23	3.33	0.432	0.3	3.33	1.28	No 0.3 Element Fault
SLP092	698	'44050643_/7058610'		0.6	2.23	3.33	0.432	0.2	3.33	1.28	No 0.2 Element Fault
SLP092	699	'7048822_/7118759_1'		1.9	6.5	10	1.304	2.3	10	3.83	No 1.304 Thermal Discharging
SLP092	700	'7052538_/7052535'		0.67	3.03	3.33	0.432	0.6	3.33	1.28	No 0.432 Thermal Discharging
SLP092	701	'549812253_/549812250'		0.7	2.1	3.33	0.432	0.5	3.33	1.28	No 0.432 Thermal Discharging
SLP092	702	'44050844_/44050846'		0.73	2.4	3.33	0.432	0.5	3.33	1.28	No 0.432 Thermal Discharging
SLP092	703	'7057308_/7057305'		0.73	2.4	3.33	0.432	0.5	3.33	1.28	No 0.432 Thermal Discharging
SLP092	704	'7054105_/7054102'		0.63	2.23	3.33	0.432	0.3	3.33	1.28	No 0.3 Element Fault
SLP092	705	'7055519_/7055517'		0.63	2.23	3.33	0.432	0.3	3.33	1.28	No 0.3 Element Fault
SLP092	706	'395906308_/56897652_2'		0.63	2.4	3.33	0.432	1.6	3.33	1.28	No 0.432 Thermal Discharging
SLP092	707	'44047192_/7043613'		2.1	6.1	10	1.304	1.9	10	3.83	No 1.304 Thermal Discharging
SLP092	708	'7052655_/7052665_2'		0.7	2.63	3.33	0.432	0.5	3.33	1.28	No 0.432 Thermal Discharging
SLP092	709	'7057619_/7059316'		0.77	2.5	3.33	0.432	0.5	3.33	1.28	No 0.432 Thermal Discharging
SLP092	710	'7058613_/44050645'		0.6	2.2	3.33	0.432	0.1	3.33	1.28	No 0.1 Element Fault
SLP092	711	'7048805_/7048819'		1.9	6.4	10	1.304	2.3	10	3.83	No 1.304 Thermal Discharging
SLP092	712	'44044529_/44044531'		1.33	4.13	6.67	0.864	1	6.67	2.55	No 0.864 Thermal Discharging
SLP092	713	'44049844_/7052665_1'		0.7	2.6	3.33	0.432	0.5	3.33	1.28	No 0.432 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Over-Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SLP092	714	'56897660_/_56897652_1'		0.63	2.37	3.33	0.432	1.6	3.33	1.28 No	0.432 Thermal Discharging
SLP092	715	'7054412_/_434579471'		0.77	2.4	3.33	0.432	0.5	3.33	1.28 No	0.432 Thermal Discharging
SLP092	716	'7043310_/_549812265'		0.7	2.07	3.33	0.432	0.5	3.33	1.28 No	0.432 Thermal Discharging
SLP092	717	'56897702_/_56897680_2'		0.63	2.37	3.33	0.432	1.6	3.33	1.28 No	0.432 Thermal Discharging
SLP092	718	'7057620_/_7057617'		0.77	2.47	3.33	0.432	0.5	3.33	1.28 No	0.432 Thermal Discharging
SLP092	719	'7052551_/_7052548'		0.63	2.93	3.33	0.432	0.6	3.33	1.28 No	0.432 Thermal Discharging
SLP092	720	'56897638_/_56897680_1'		0.63	2.37	3.33	0.432	0.4	3.33	1.28 No	0.4 Element Fault
SLP092	721	'7048788_/_7048802'		1.9	6.4	10	1.304	2.3	10	3.83 No	1.304 Thermal Discharging
SLP092	722	'7053959_/_7053969'		0.53	2.63	3.33	0.432	0.5	3.33	1.28 No	0.432 Thermal Discharging
SLP092	723	'7054930_/_7054927'		0.6	2.17	3.33	0.432	0.3	3.33	1.28 No	0.3 Element Fault
SLP092	724	'7054425_/_7054422'		0.77	2.37	3.33	0.432	0.5	3.33	1.28 No	0.432 Thermal Discharging
SLP092	725	'395906268_/_56897658_1'		0.6	2.33	3.33	0.432	1.6	3.33	1.28 No	0.432 Thermal Discharging
SLP092	726	'380713358_/_380713366'		0.67	2.53	3.33	0.432	0.5	3.33	1.28 No	0.432 Thermal Discharging
SLP092	727	'7048787_/_7048785'		1.9	6.3	10	1.304	2.3	10	3.83 No	1.304 Thermal Discharging
SLP092	728	'44050888_/_7059439'		0.77	2.43	3.33	0.432	0.5	3.33	1.28 No	0.432 Thermal Discharging
SLP092	729	'56897661_/_56897658_2'		0.5	2.33	3.33	0.432	1.6	3.33	1.28 No	0.432 Thermal Discharging
SLP092	730	'7052512_/_44049768'		0.67	2.57	3.33	0.432	0.5	3.33	1.28 No	0.432 Thermal Discharging
SLP092	731	'44049469_/_7054611'		0.6	2.13	3.33	0.432	0.3	3.33	1.28 No	0.3 Element Fault
SLP092	732	'7052654_/_7052652'		0.67	2.53	3.33	0.432	0.5	3.33	1.28 No	0.432 Thermal Discharging
SLP092	733	'7043633_/_44047194'		2	5.9	10	1.304	1.9	10	3.83 No	1.304 Thermal Discharging
SLP092	734	'7053460_/_7054572'		0.6	2.13	3.33	0.432	0.3	3.33	1.28 No	0.3 Element Fault
SLP092	735	'7036518_/_7036921'		1.33	4	6.67	0.864	1	6.67	2.55 No	0.864 Thermal Discharging
SLP092	736	'7057632_/_7059452'		0.77	2.4	3.33	0.432	0.5	3.33	1.28 No	0.432 Thermal Discharging
SLP092	737	'44049581_/_7054438'		0.73	2.33	3.33	0.432	0.5	3.33	1.28 No	0.432 Thermal Discharging
SLP092	738	'44048383_/_7049432'		1.9	6.2	10	1.304	2.3	10	3.83 No	1.304 Thermal Discharging
SLP092	739	'44049788_/_348387873'		0.63	2.83	3.33	0.432	0.6	3.33	1.28 No	0.432 Thermal Discharging
SLP092	740	'8735016_/_9365728'		0.6	2.23	3.33	0.432	1.6	3.33	1.28 No	0.432 Thermal Discharging
SLP092	741	'608833547_/_7057318'		0.7	2.27	3.33	0.432	0.5	3.33	1.28 No	0.432 Thermal Discharging
SLP092	742	'348388082_/_348387959_3'		0.63	2.8	3.33	0.432	0.6	3.33	1.28 No	0.432 Thermal Discharging
SLP092	743	'8734890_/_8735014'		0.6	2.23	3.33	0.432	1.6	3.33	1.28 No	0.432 Thermal Discharging
SLP092	744	'44049537_/_44049539'		0.7	2.23	3.33	0.432	0.5	3.33	1.28 No	0.432 Thermal Discharging
SLP092	745	'44050298_/_44050300'		0.6	2.27	3.33	0.432	0.4	3.33	1.28 No	0.4 Element Fault
SLP092	746	'7049362_/_7049376'		1.8	6.2	10	1.304	2.3	10	3.83 No	1.304 Thermal Discharging
SLP092	747	'44049358_/_7053956'		0.5	2.5	3.33	0.432	0.5	3.33	1.28 No	0.432 Thermal Discharging
SLP092	748	'7054441_/_44049583'		0.73	2.3	3.33	0.432	0.5	3.33	1.28 No	0.432 Thermal Discharging
SLP092	749	'7036889_/_7043647'		2	5.8	10	1.304	1.9	10	3.83 No	1.304 Thermal Discharging
SLP092	750	'7049345_/_7049359'		1.8	6.1	10	1.304	2.3	10	3.83 No	1.304 Thermal Discharging
SLP092	751	'7036503_/_7036515'		1.27	3.93	6.67	0.864	1	6.67	2.55 No	0.864 Thermal Discharging
SLP092	752	'73567943_/_7049342_2'		1.8	6.1	10	1.304	2.3	10	3.83 No	1.304 Thermal Discharging
SLP092	753	'7059871_/_395906319'		0.6	2.23	3.33	0.432	0.4	3.33	1.28 No	0.4 Element Fault
SLP092	754	'7057633_/_7057630'		0.73	2.33	3.33	0.432	0.5	3.33	1.28 No	0.432 Thermal Discharging
SLP092	755	'7053459_/_7053457'		0.57	2.07	3.33	0.432	0.3	3.33	1.28 No	0.3 Element Fault
SLP092	756	'44050967_/_7046222'		0.57	2.03	3.33	0.432	0.2	3.33	1.28 No	0.2 Element Fault
SLP092	757	'7054614_/_44049471'		0.57	2.03	3.33	0.432	0.3	3.33	1.28 No	0.3 Element Fault
SLP092	758	'44050263_/_7059855'		0.57	2.2	3.33	0.432	0.4	3.33	1.28 No	0.4 Element Fault
SLP092	759	'8734891_/_8734888'		0.57	2.13	3.33	0.432	1.6	3.33	1.28 No	0.432 Thermal Discharging
SLP092	760	'44044516_/_7036887'		1.9	5.6	10	1.304	1.9	10	3.83 No	1.304 Thermal Discharging
SLP092	761	'7036488_/_7036500'		1.27	3.87	6.67	0.864	1	6.67	2.55 No	0.864 Thermal Discharging
SLP092	762	'44050389_/_7057643'		0.7	2.27	3.33	0.432	0.5	3.33	1.28 No	0.432 Thermal Discharging
SLP092	763	'7045609_/_7052694'		0.5	2.37	3.33	0.432	0.5	3.33	1.28 No	0.432 Thermal Discharging
SLP092	764	'348388535_/_348387959_2'		0.6	2.6	3.33	0.432	0.5	3.33	1.28 No	0.432 Thermal Discharging
SLP092	765	'7118946_/_7118944'		0.67	2.13	3.33	0.432	0.5	3.33	1.28 No	0.432 Thermal Discharging
SLP092	766	'44049799_/_348387959_1'		0.6	2.57	3.33	0.432	0.3	3.33	1.28 No	0.3 Element Fault
SLP092	767	'7056897_/_7059868'		0.57	2.13	3.33	0.432	0.4	3.33	1.28 No	0.4 Element Fault
SLP092	768	'7057239_/_7059881'		0.57	2.13	3.33	0.432	0.4	3.33	1.28 No	0.4 Element Fault
SLP092	769	'9371877_/_9371874_2'		1.7	5.7	10	1.304	1.6	10	3.83 No	1.304 Thermal Discharging
SLP092	770	'7036907_/_44044518'		1.9	5.5	10	1.304	1.9	10	3.83 No	1.304 Thermal Discharging
SLP092	771	'7046267_/_7056865'		0.57	2.13	3.33	0.432	0.4	3.33	1.28 No	0.4 Element Fault
SLP092	772	'44044441_/_7036485'		1.2	3.73	6.67	0.864	1	6.67	2.55 No	0.864 Thermal Discharging
SLP092	773	'7057659_/_44050391'		0.7	2.2	3.33	0.432	0.5	3.33	1.28 No	0.432 Thermal Discharging
SLP092	774	'7043085_/_7043082'		1.9	5.4	10	1.304	1.9	10	3.83 No	1.304 Thermal Discharging
SLP092	775	'7786148_/_54360009'		0.6	1.97	3.33	0.432	1.5	3.33	1.28 No	0.432 Thermal Discharging
SLP092	776	'7057240_/_7057237'		0.57	2.1	3.33	0.432	0.4	3.33	1.28 No	0.4 Element Fault
SLP092	777	'7045596_/_7045606'		0.47	2.3	3.33	0.432	0.5	3.33	1.28 No	0.432 Thermal Discharging
SLP092	778	'73568509_/_7786145_2'		0.6	1.97	3.33	0.432	1.3	3.33	1.28 No	0.432 Thermal Discharging
SLP092	779	'7046266_/_7046264_2'		0.57	2.1	3.33	0.432	0.4	3.33	1.28 No	0.4 Element Fault
SLP092	780	'7052274_/_7786145_1'		0.6	1.97	3.33	0.432	0.5	3.33	1.28 No	0.432 Thermal Discharging
SLP092	781	'44049811_/_44049801'		0.57	2.47	3.33	0.432	0.3	3.33	1.28 No	0.3 Element Fault
SLP092	782	'44050978_/_7046264_1'		0.57	2.1	3.33	0.432	0.4	3.33	1.28 No	0.4 Element Fault
SLP092	783	'7057672_/_7057669'		0.7	2.17	3.33	0.432	0.5	3.33	1.28 No	0.432 Thermal Discharging
SLP092	784	'7036131_/_7043099'		1.9	5.3	10	1.304	1.9	10	3.83 No	1.304 Thermal Discharging
SLP092	785	'395906210_/_56897589_2'		0.53	2.07	3.33	0.432	1.6	3.33	1.28 No	0.432 Thermal Discharging
SLP092	786	'56897591_/_56897589_1'		0.53	2.07	3.33	0.432	1.6	3.33	1.28 No	0.432 Thermal Discharging
SLP092	787	'7036443_/_7036455'		1.2	3.67	6.67	0.864	1	6.67	2.55 No	0.864 Thermal Discharging
SLP092	788	'56897630_/_56897615_2'		0.53	2.07	3.33	0.432	1.6	3.33	1.28 No	0.432 Thermal Discharging
SLP092	789	'56897524_/_56897615_1'		0.53	2.07	3.33	0.432	0.5	3.33	1.28 No	0.432 Thermal Discharging
SLP092	790	'44049222_/_44049224'		0.6	1.93	3.33	0.432	0.5	3.33	1.28 No	0.432 Thermal Discharging
SLP092	791	'56897586_/_56897583_2'		0.43	2.07	3.33	0.432	1.6	3.33	1.28 No	0.43 Primary Over-Voltage
SLP092	792	'44051000_/_44051002'		0.53	2.07	3.33	0.432	0.4	3.33	1.28 No	0.4 Element Fault
SLP092	793	'395906182_/_56897583_1'		0.53	2.07	3.33	0.432	1.6	3.33	1.28 No	0.432 Thermal Discharging
SLP092	794	'7056884_/_7056894_2'		0.53	2.07	3.33	0.432	0.4	3.33	1.28 No	0.4 Element Fault
SLP092	795	'7045557_/_459170201'		0.57	2.43	3.33	0.432	0.3	3.33	1.28 No	0.3 Element Fault
SLP092	796	'7057685_/_7057682'		0.67	2.13	3.33	0.432	0.5	3.33	1.28 No	0.432 Thermal Discharging
SLP092	797	'44051011_/_7056894_1'		0.53	2.03	3.33	0.432	0.4	3.33	1.28 No	0.4 Element Fault
SLP092	798	'7045595_/_7045593'		0.47	2.2	3.33	0.432	0.5	3.33	1.28 No	0.432 Thermal Discharging
SLP092	799	'44044429_/_7036440'		1.2	3.67	6.67	0.864	1	6.67	2.55 No	0.864 Thermal Discharging
SLP092	800	'7056910_/_7059829'		0.53	2.03	3.33	0.432	0.5	3.33	1.28 No	0.432 Thermal Discharging
SLP092	801	'7059832_/_56897521_1'		0.53	2.03	3.33	0.432	0.5	3.33	1.28 No	0.432 Thermal Discharging
SLP092	802	'44045885_/_44045887'		1.8	5.2	10	1.304	1.9	10	3.83 No	1.304 Thermal Discharging
SLP092	803	'44050274_/_56897521_2'		0.53	2.03	3.33	0.432	0.5	3.33	1.28 No	0.432 Thermal Discharging
SLP092	804	'7045556_/_459170176'		0.57	2.37	3.33	0.432	0.3	3.33	1.28 No	0.3 Element Fault
SLP092	805	'8418082_/_8734980'		0.5	1.87	3.33	0.432	0.1	3.33	1.28 No	0.1 Element Fault
SLP092	806	'44050977_/_7118915'		0.53	2.03	3.33	0.432	0.4	3.33	1.28 No	0.4 Element Fault
SLP092	807	'7052172_/_7052182'		0.6	1.9	3.33	0.432	0.5	3.33	1.28 No	0.432 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SLP092	808	'7057253_/_7057250_1'	0.53	2	3.33	0.432	0.4	3.33	1.28 No	0.4	Element Fault
SLP092	809	'73568477_/_44044418'	1.13	3.6	6.67	0.864	1	6.67	2.55 No	0.864	Thermal Discharging
SLP092	810	'7046225_/_44050969'	0.5	1.87	3.33	0.432	0.1	3.33	1.28 No	0.1	Element Fault
SLP092	811	'7056883_/_7056881'	0.53	2	3.33	0.432	0.4	3.33	1.28 No	0.4	Element Fault
SLP092	812	'7057698_/_7057695'	0.67	2.1	3.33	0.432	0.5	3.33	1.28 No	0.432	Thermal Discharging
SLP092	813	'154027567_/_7057250_2'	0.53	2	3.33	0.432	0.4	3.33	1.28 No	0.4	Element Fault
SLP092	814	'7036130_/_7036128'	1.8	5.1	10	1.304	1.9	10	3.83 No	1.304	Thermal Discharging
SLP092	815	'7056855_/_7056907'	0.53	1.97	3.33	0.432	0.5	3.33	1.28 No	0.432	Thermal Discharging
SLP092	816	'7052525_/_459170151'	0.53	2.3	3.33	0.432	0.3	3.33	1.28 No	0.3	Element Fault
SLP092	817	'7022044_/_7118485'	0.57	1.77	3.33	0.432	0.5	3.33	1.28 No	0.432	Thermal Discharging
SLP092	818	'7052171_/_7052169'	0.57	1.87	3.33	0.432	0.5	3.33	1.28 No	0.432	Thermal Discharging
SLP092	819	'7127810_/_7037470_1'	1.8	5	10	1.304	1.9	10	3.83 No	1.304	Thermal Discharging
SLP092	820	'7022031_/_7022041'	0.57	1.77	3.33	0.432	0.5	3.33	1.28 No	0.432	Thermal Discharging
SLP092	821	'7056922_/_44050276'	0.5	1.93	3.33	0.432	0.5	3.33	1.28 No	0.432	Thermal Discharging
SLP092	822	'7055037_/_7055034'	0.57	1.83	3.33	0.432	0.5	3.33	1.28 No	0.432	Thermal Discharging
SLP092	823	'7475089_/_7475086'	0.5	1.8	3.33	0.432	0.1	3.33	1.28 No	0.1	Element Fault
SLP092	824	'7022018_/_7022028'	0.57	1.77	3.33	0.432	0.5	3.33	1.28 No	0.432	Thermal Discharging
SLP092	825	'7037456_/_7037470_2'	1.8	5	10	1.304	1.9	10	3.83 No	1.304	Thermal Discharging
SLP092	826	'7054695_/_7054705'	0.53	2.23	3.33	0.432	0.3	3.33	1.28 No	0.3	Element Fault
SLP092	827	'8106869_/_9050969_1'	1.8	5	10	1.304	0.9	10	3.83 No	0.9	Element Fault
SLP092	828	'7053486_/_459170140'	0.53	2.23	3.33	0.432	0.3	3.33	1.28 No	0.3	Element Fault
SLP092	829	'76345330_/_7022015'	0.57	1.73	3.33	0.432	0.5	3.33	1.28 No	0.432	Thermal Discharging
SLP092	830	'52956138_/_211634519'	0.5	1.83	3.33	0.432	1.57	3.33	1.28 No	0.432	Thermal Discharging
SLP092	831	'44049890_/_44049892'	0.5	1.9	3.33	0.432	0.4	3.33	1.28 No	0.4	Element Fault
SLP092	832	'7056854_/_7056852'	0.5	1.9	3.33	0.432	0.5	3.33	1.28 No	0.432	Thermal Discharging
SLP092	833	'7127811_/_7127808'	0.57	1.63	3.33	0.432	0.63	3.33	1.28 No	0.432	Thermal Discharging
SLP092	834	'7056923_/_7056920'	0.5	1.9	3.33	0.432	0.5	3.33	1.28 No	0.432	Thermal Discharging
SLP092	835	'7043220_/_7043217'	1.7	4.9	10	1.304	1.9	10	3.83 No	1.304	Thermal Discharging
SLP092	836	'9050972_/_9050969_2'	1.7	4.9	10	1.304	0.9	10	3.83 No	0.9	Element Fault
SLP092	837	'7053499_/_459170115'	0.53	2.17	3.33	0.432	0.3	3.33	1.28 No	0.3	Element Fault
SLP092	838	'72358366_/_7022649'	0.57	1.73	3.33	0.432	0.5	3.33	1.28 No	0.432	Thermal Discharging
SLP092	839	'7043148_/_7043234'	1.7	4.8	10	1.304	1.9	10	3.83 No	1.304	Thermal Discharging
SLP092	840	'7054694_/_7054692'	0.5	2.13	3.33	0.432	0.3	3.33	1.28 No	0.3	Element Fault
SLP092	841	'7057526_/_7057536'	0.5	1.8	3.33	0.432	0.5	3.33	1.28 No	0.432	Thermal Discharging
SLP092	842	'7056936_/_7056933'	0.5	1.83	3.33	0.432	0.5	3.33	1.28 No	0.432	Thermal Discharging
SLP092	843	'7053554_/_459170086'	0.5	2.13	3.33	0.432	0.3	3.33	1.28 No	0.3	Element Fault
SLP092	844	'44049458_/_7118902'	0.5	1.83	3.33	0.432	0.5	3.33	1.28 No	0.432	Thermal Discharging
SLP092	845	'7057513_/_7057523'	0.5	1.77	3.33	0.432	0.5	3.33	1.28 No	0.432	Thermal Discharging
SLP092	846	'7118933_/_7118931'	0.47	1.8	3.33	0.432	0.4	3.33	1.28 No	0.4	Element Fault
SLP092	847	'7054994_/_7054992_2'	0.5	2.07	3.33	0.432	0.3	3.33	1.28 No	0.3	Element Fault
SLP092	848	'7053525_/_7053522'	0.5	2.07	3.33	0.432	0.3	3.33	1.28 No	0.3	Element Fault
SLP092	849	'7053567_/_459170061'	0.5	2.1	3.33	0.432	0.3	3.33	1.28 No	0.3	Element Fault
SLP092	850	'7043149_/_7043146'	1.7	4.7	10	1.304	1.9	10	3.83 No	1.304	Thermal Discharging
SLP092	851	'7056952_/_7056949'	0.47	1.8	3.33	0.432	0.5	3.33	1.28 No	0.432	Thermal Discharging
SLP092	852	'44049703_/_7054992_1'	0.5	2.07	3.33	0.432	0.3	3.33	1.28 No	0.3	Element Fault
SLP092	853	'44050378_/_7058479'	0.47	1.73	3.33	0.432	0.5	3.33	1.28 No	0.432	Thermal Discharging
SLP092	854	'564554436_/_7053535_1'	0.5	2.07	3.33	0.432	0.3	3.33	1.28 No	0.3	Element Fault
SLP092	855	'44049691_/_44049693'	0.5	2.03	3.33	0.432	0.3	3.33	1.28 No	0.3	Element Fault
SLP092	856	'7055007_/_8734704_2'	0.5	2.03	3.33	0.432	0.3	3.33	1.28 No	0.3	Element Fault
SLP092	857	'7053580_/_459170036'	0.5	2.07	3.33	0.432	0.3	3.33	1.28 No	0.3	Element Fault
SLP092	858	'7043068_/_7043251'	0.57	1.53	3.33	0.432	0.63	3.33	1.28 No	0.432	Thermal Discharging
SLP092	859	'44049457_/_7054089'	0.47	1.77	3.33	0.432	0.5	3.33	1.28 No	0.432	Thermal Discharging
SLP092	860	'7053538_/_7053535_2'	0.5	2.03	3.33	0.432	0.3	3.33	1.28 No	0.3	Element Fault
SLP092	861	'374660877_/_7053606_2'	0.5	2.03	3.33	0.432	0.3	3.33	1.28 No	0.3	Element Fault
SLP092	862	'44049185_/_44049187'	0.53	1.67	3.33	0.432	0.5	3.33	1.28 No	0.432	Thermal Discharging
SLP092	863	'7046212_/_7057510'	0.47	1.7	3.33	0.432	0.5	3.33	1.28 No	0.432	Thermal Discharging
SLP092	864	'8734706_/_8734704_1'	0.47	2	3.33	0.432	0.1	3.33	1.28 No	0.1	Element Fault
SLP092	865	'7043169_/_7043166'	1.6	4.5	10	1.304	1.9	10	3.83 No	1.304	Thermal Discharging
SLP092	866	'7053625_/_459170010'	0.5	2.03	3.33	0.432	0.3	3.33	1.28 No	0.3	Element Fault
SLP092	867	'474459125_/_474459079_1'	0.53	1.5	3.33	0.432	0.3	3.33	1.28 No	0.3	Element Fault
SLP092	868	'7053596_/_7053606_1'	0.5	2	3.33	0.432	0.1	3.33	1.28 No	0.1	Element Fault
SLP092	869	'7058482_/_44050380'	0.47	1.7	3.33	0.432	0.5	3.33	1.28 No	0.432	Thermal Discharging
SLP092	870	'7058626_/_8418080'	0.43	1.63	3.33	0.432	0.1	3.33	1.28 No	0.1	Element Fault
SLP092	871	'44047145_/_7043066'	0.53	1.5	3.33	0.432	0.63	3.33	1.28 No	0.432	Thermal Discharging
SLP092	872	'7052133_/_7052143'	0.5	1.63	3.33	0.432	0.5	3.33	1.28 No	0.432	Thermal Discharging
SLP092	873	'7054656_/_459169996'	0.47	1.97	3.33	0.432	0.3	3.33	1.28 No	0.3	Element Fault
SLP092	874	'7043186_/_7043183'	1.6	4.4	10	1.304	1.9	10	3.83 No	1.304	Thermal Discharging
SLP092	875	'44050956_/_7046209'	0.47	1.67	3.33	0.432	0.5	3.33	1.28 No	0.432	Thermal Discharging
SLP092	876	'44050422_/_7057140'	0.47	1.67	3.33	0.432	0.5	3.33	1.28 No	0.432	Thermal Discharging
SLP092	877	'7043069_/_44047147'	0.53	1.5	3.33	0.432	0.63	3.33	1.28 No	0.432	Thermal Discharging
SLP092	878	'461848457_/_461848454'	0.47	1.97	3.33	0.432	0.3	3.33	1.28 No	0.3	Element Fault
SLP092	879	'7037260_/_7043200'	1.6	4.4	10	1.304	1.9	10	3.83 No	1.304	Thermal Discharging
SLP092	880	'7052069_/_7052130'	0.5	1.6	3.33	0.432	0.5	3.33	1.28 No	0.432	Thermal Discharging
SLP092	881	'7057117_/_7057127'	0.43	1.63	3.33	0.432	0.5	3.33	1.28 No	0.43	Primary Over-Voltage
SLP092	882	'7043118_/_7043116'	0.53	1.47	3.33	0.432	0.63	3.33	1.28 No	0.432	Thermal Discharging
SLP092	883	'7053595_/_7053593'	0.47	1.9	3.33	0.432	0.1	3.33	1.28 No	0.1	Element Fault
SLP092	884	'461848490_/_461848487'	0.47	1.93	3.33	0.432	0.3	3.33	1.28 No	0.3	Element Fault
SLP092	885	'142797608_/_362548940_2'	0.47	1.93	3.33	0.432	0.3	3.33	1.28 No	0.3	Element Fault
SLP092	886	'44050666_/_44050668'	0.43	1.57	3.33	0.432	0.1	3.33	1.28 No	0.1	Element Fault
SLP092	887	'7046195_/_7046193'	0.43	1.6	3.33	0.432	0.5	3.33	1.28 No	0.43	Primary Over-Voltage
SLP092	888	'474459063_/_474459079_2'	0.53	1.43	3.33	0.432	0.3	3.33	1.28 No	0.3	Element Fault
SLP092	889	'7043132_/_7043264'	1.6	4.3	10	1.304	1.9	10	3.83 No	1.304	Thermal Discharging
SLP092	890	'7043284_/_7043294'	0.53	1.47	3.33	0.432	0.63	3.33	1.28 No	0.432	Thermal Discharging
SLP092	891	'9050952_/_7473844_1'	1.6	4.3	10	1.304	1.2	10	3.83 No	1.2	Element Fault
SLP092	892	'362548934_/_362548940_1'	0.47	1.9	3.33	0.432	0.1	3.33	1.28 No	0.1	Element Fault
SLP092	893	'7057104_/_7057114'	0.43	1.6	3.33	0.432	0.5	3.33	1.28 No	0.43	Primary Over-Voltage
SLP092	894	'7052070_/_7052067'	0.5	1.53	3.33	0.432	0.5	3.33	1.28 No	0.432	Thermal Discharging
SLP092	895	'7473847_/_7473844_2'	1.5	4.2	10	1.304	1.2	10	3.83 No	1.2	Element Fault
SLP092	896	'7043283_/_44044578'	0.5	1.43	3.33	0.432	0.63	3.33	1.28 No	0.432	Thermal Discharging
SLP092	897	'7057091_/_7057101'	0.43	1.6	3.33	0.432	0.5	3.33	1.28 No	0.43	Primary Over-Voltage
SLP092	898	'362548994_/_362549013'	0.43	1.83	3.33	0.432	0.1	3.33	1.28 No	0.1	Element Fault
SLP092	899	'7057487_/_7057497'	0.43	1.57	3.33	0.432	0.5	3.33	1.28 No	0.43	Primary Over-Voltage
SLP092	900	'466212128_/_7057484_2'	0.43	1.57	3.33	0.432	0.5	3.33	1.28 No	0.43	Primary Over-Voltage
SLP092	901	'7057023_/_7057088'	0.43	1.57	3.33	0.432	0.5	3.33	1.28 No	0.43	Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SLP092	902	'7474843_/_7474840'		0.43	1.57	3.33	0.432	0.3	3.33	1.28 No	0.3 Element Fault
SLP092	903	'256241246_/_7052080'		0.47	1.5	3.33	0.432	0.5	3.33	1.28 No	0.432 Thermal Discharging
SLP092	904	'44050654_/_44050656'		0.4	1.5	3.33	0.432	0.1	3.33	1.28 No	0.1 Element Fault
SLP092	905	'7056981_/_9365596'		0.43	1.57	3.33	0.432	0.3	3.33	1.28 No	0.3 Element Fault
SLP092	906	'7057448_/_7057484_1'		0.43	1.53	3.33	0.432	0.2	3.33	1.28 No	0.2 Element Fault
SLP092	907	'7057007_/_7057020'		0.43	1.53	3.33	0.432	0.5	3.33	1.28 No	0.43 Primary Over-Voltage
SLP092	908	'7057036_/_7057033'		0.43	1.53	3.33	0.432	0.5	3.33	1.28 No	0.43 Primary Over-Voltage
SLP092	909	'7056994_/_7057004'		0.43	1.53	3.33	0.432	0.5	3.33	1.28 No	0.43 Primary Over-Voltage
SLP092	910	'44050320_/_44050322'		0.4	1.5	3.33	0.432	0.1	3.33	1.28 No	0.1 Element Fault
SLP092	911	'7058625_/_7058623'		0.4	1.43	3.33	0.432	0.1	3.33	1.28 No	0.1 Element Fault
SLP092	912	'7057447_/_7057445'		0.4	1.47	3.33	0.432	0.2	3.33	1.28 No	0.2 Element Fault
SLP092	913	'44050331_/_7057179'		0.4	1.5	3.33	0.432	0.5	3.33	1.28 No	0.4 Primary Over-Voltage
SLP092	914	'7056993_/_7056991'		0.4	1.5	3.33	0.432	0.5	3.33	1.28 No	0.4 Primary Over-Voltage
SLP092	915	'7057182_/_7057192_1'		0.4	1.5	3.33	0.432	0.5	3.33	1.28 No	0.4 Primary Over-Voltage
SLP092	916	'108333676_/_108333673'		0.4	1.47	3.33	0.432	0.2	3.33	1.28 No	0.2 Element Fault
SLP092	917	'7057048_/_7057046'		0.4	1.5	3.33	0.432	0.5	3.33	1.28 No	0.4 Primary Over-Voltage
SLP092	918	'7056965_/_7056978'		0.4	1.47	3.33	0.432	0.1	3.33	1.28 No	0.1 Element Fault
SLP092	919	'7057422_/_7057432'		0.4	1.47	3.33	0.432	0.2	3.33	1.28 No	0.2 Element Fault
SLP092	920	'7057195_/_7057192_2'		0.4	1.47	3.33	0.432	0.5	3.33	1.28 No	0.4 Primary Over-Voltage
SLP092	921	'7057461_/_7057458'		0.4	1.43	3.33	0.432	0.2	3.33	1.28 No	0.2 Element Fault
SLP092	922	'7057062_/_7057059'		0.4	1.47	3.33	0.432	0.5	3.31	1.28 No	0.4 Primary Over-Voltage
SLP092	923	'7057409_/_7057419'		0.4	1.43	3.33	0.432	0.2	3.32	1.28 No	0.2 Element Fault
SLP092	924	'7057075_/_7057072'		0.4	1.43	3.33	0.432	0.5	3.27	1.28 No	0.4 Primary Over-Voltage
SLP092	925	'44050309_/_44050311'		0.4	1.43	3.33	0.432	0.1	3.26	1.28 No	0.1 Element Fault
SLP092	926	'7057211_/_7057208'		0.4	1.43	3.33	0.432	0.5	3.25	1.28 No	0.4 Primary Over-Voltage
SLP092	927	'7057408_/_7057406'		0.4	1.4	3.33	0.432	0.2	3.23	1.28 No	0.2 Element Fault
SLP092	928	'7056964_/_7056962'		0.37	1.4	3.33	0.432	0.1	3.19	1.28 No	0.1 Element Fault
SLP092	929	'7059332_/_7059342_2'		0.37	1.37	3.33	0.432	0.2	3.16	1.28 No	0.2 Element Fault
SLP092	930	'44050833_/_7059342_1'		0.37	1.33	3.33	0.432	0.2	3.14	1.28 No	0.2 Element Fault
SLP092	931	'7059306_/_7059329'		0.37	1.3	3.33	0.432	0.2	3.09	1.28 No	0.2 Element Fault
SLP092	932	'7059305_/_44050243'		0.37	1.27	3.33	0.432	0.2	3.02	1.28 No	0.2 Element Fault
SLP093	0	'SLP093_/_8685838'		10	10	10	2.168	10	10	2.4 No	2.168 Thermal Discharging
SLP093	1	'8685840_/_8685838'		10	10	10	2.168	10	10	2.4 No	2.168 Thermal Discharging
SLP093	2	'8685901_/_9628651'		10	10	10	2.168	10	10	2.4 No	2.168 Thermal Discharging
SLP093	3	'7736879_/_8685898'		10	10	10	2.168	10	10	2.4 No	2.168 Thermal Discharging
SLP093	4	'7426109_/_7736877'		10	10	10	2.168	10	10	2.4 No	2.168 Thermal Discharging
SLP093	5	'5960363_/_5960448'		9.2	10	10	2.168	10	10	2.38 No	2.168 Thermal Discharging
SLP093	6	'5958644_/_5960360'		7.2	10	10	2.168	10	10	2.37 No	2.168 Thermal Discharging
SLP093	7	'5958643_/_5958641'		6.1	10	10	2.168	10	10	2.35 No	2.168 Thermal Discharging
SLP093	8	'5958768_/_5958996'		5.4	10	10	2.168	10	10	2.33 No	2.168 Thermal Discharging
SLP093	9	'5958788_/_5958786'		4.9	10	10	2.168	10	10	2.32 No	2.168 Thermal Discharging
SLP093	10	'5958748_/_5958746_1'		5.4	10	10	2.168	1.5	10	2.33 No	1.5 Element Fault
SLP093	11	'5958874_/_5958956'		4.7	10	10	2.168	10	10	2.31 No	2.168 Thermal Discharging
SLP093	12	'5958857_/_5958871'		4.3	10	10	2.168	10	10	2.3 No	2.168 Thermal Discharging
SLP093	13	'5958840_/_5958854'		3.9	10	10	2.168	10	10	2.3 No	2.168 Thermal Discharging
SLP093	14	'451186984_/_451186992'		3.8	10	10	2.168	10	10	2.3 No	2.168 Thermal Discharging
SLP093	15	'5958749_/_5958746_2'		5.4	10	10	2.168	1.5	10	2.32 No	1.5 Element Fault
SLP093	16	'5958823_/_5958837'		3.7	10	10	2.168	10	10	2.3 No	2.168 Thermal Discharging
SLP093	17	'7736668_/_9317802_1'		1.23	3.33	3.33	0.72	0.5	3.33	0.77 No	0.5 Element Fault
SLP093	18	'5958822_/_5958820'		3.4	10	10	2.168	10	10	2.3 No	2.168 Thermal Discharging
SLP093	19	'5959032_/_5959030'		3.2	10	10	2.168	10	10	2.3 No	2.168 Thermal Discharging
SLP093	20	'5959084_/_5959098'		3.1	10	10	2.168	10	10	2.3 No	2.168 Thermal Discharging
SLP093	21	'5959067_/_5959081'		2.9	10	10	2.168	10	10	2.3 No	2.168 Thermal Discharging
SLP093	22	'386351326_/_386351266_1'		2.9	10	10	2.168	1.5	10	2.3 No	1.5 Element Fault
SLP093	23	'5959066_/_5959064'		2.8	10	10	2.168	10	10	2.3 No	2.168 Thermal Discharging
SLP093	24	'7425779_/_386351266_2'		2.9	10	10	2.168	1.5	10	2.3 No	1.5 Element Fault
SLP093	25	'9317805_/_9317802_2'		1.23	3.33	3.33	0.72	0.5	3.33	0.77 No	0.5 Element Fault
SLP093	26	'5959175_/_5959189'		2.7	10	10	2.168	10	10	2.3 No	2.168 Thermal Discharging
SLP093	27	'5959174_/_5959172'		2.5	10	10	2.168	10	10	2.3 No	2.168 Thermal Discharging
SLP093	28	'5959242_/_5959240'		2.4	10	10	2.168	10	10	2.3 No	2.168 Thermal Discharging
SLP093	29	'5959554_/_5959585'		2.3	10	10	2.168	10	10	2.3 No	2.168 Thermal Discharging
SLP093	30	'5959537_/_5959551'		2.2	10	10	2.168	10	10	2.3 No	2.168 Thermal Discharging
SLP093	31	'5959536_/_5959534'		2.2	10	10	2.168	10	10	2.3 No	2.168 Thermal Discharging
SLP093	32	'5959656_/_5959900'		2.1	10	10	2.168	10	10	2.3 No	2.1 Primary Over-Voltage
SLP093	33	'434741959_/_434741979'		1.23	3.33	3.33	0.72	0.5	3.33	0.77 No	0.5 Element Fault
SLP093	34	'5959622_/_5959653'		2	10	10	2.168	10	10	2.3 No	2 Primary Over-Voltage
SLP093	35	'5959277_/_5959619'		1.9	10	10	2.168	10	10	2.3 No	1.9 Primary Over-Voltage
SLP093	36	'9628223_/_9628221'		1.23	3.33	3.33	0.72	0.5	3.33	0.77 No	0.5 Element Fault
SLP093	37	'5959276_/_5959274'		1.8	10	10	2.168	10	10	2.3 No	1.8 Primary Over-Voltage
SLP093	38	'4887514_/_7087200'		1.7	10	10	2.168	10	10	2.3 No	1.7 Primary Over-Voltage
SLP093	39	'4887515_/_4887512'		1.7	10	10	2.168	10	10	2.3 No	1.7 Primary Over-Voltage
SLP093	40	'6048099_/_7086718'		1.6	10	10	2.168	10	10	2.3 No	1.6 Primary Over-Voltage
SLP093	41	'6048100_/_6048097'		1.6	10	10	2.168	10	10	2.3 No	1.6 Primary Over-Voltage
SLP093	42	'6050253_/_6050267'		1.5	10	10	2.168	10	10	2.3 No	1.5 Primary Over-Voltage
SLP093	43	'6050252_/_6050250'		1.5	10	10	2.168	10	10	2.3 No	1.5 Primary Over-Voltage
SLP093	44	'546749942_/_546749946'		1.5	10	10	2.168	10	10	2.3 No	1.5 Primary Over-Voltage
SLP093	45	'6050286_/_6050284'		1.5	10	10	2.168	10	10	2.3 No	1.5 Primary Over-Voltage
SLP093	46	'6050236_/_580316811'		1.4	10	10	2.168	10	10	2.3 No	1.4 Primary Over-Voltage
SLP093	47	'7429438_/_7429436_1'		1.4	10	10	2.168	1.6	10	2.3 No	1.4 Primary Over-Voltage
SLP093	48	'43835723_/_580316851'		1.4	10	10	2.168	10	10	2.3 No	1.4 Primary Over-Voltage
SLP093	49	'43835814_/_7126045'		1.7	10	10	2.168	3.5	10	2.3 No	1.7 Primary Over-Voltage
SLP093	50	'7429439_/_7429436_2'		1.4	10	10	2.168	1.6	10	2.3 No	1.4 Primary Over-Voltage
SLP093	51	'6050202_/_6050216'		1.4	10	10	2.168	10	10	2.3 No	1.4 Primary Over-Voltage
SLP093	52	'8688396_/_8688394_1'		1.4	10	10	2.168	1.5	10	2.3 No	1.4 Primary Over-Voltage
SLP093	53	'53817395_/_53817397'		1.4	10	10	2.168	10	10	2.3 No	1.4 Primary Over-Voltage
SLP093	54	'6036011_/_6036009_1'		1.7	10	10	2.168	3.5	10	2.3 No	1.7 Primary Over-Voltage
SLP093	55	'53817567_/_53817543_1'		1.4	10	10	2.168	2.5	10	2.3 No	1.4 Primary Over-Voltage
SLP093	56	'8688397_/_8688394_2'		1.4	10	10	2.168	1.5	10	2.3 No	1.4 Primary Over-Voltage
SLP093	57	'53817365_/_53817367'		1.3	10	10	2.168	10	10	2.3 No	1.3 Primary Over-Voltage
SLP093	58	'53817335_/_53817337'		1.3	9.9	10	2.168	10	10	2.3 No	1.3 Primary Over-Voltage
SLP093	59	'53817305_/_53817307'		1.3	9.7	10	2.168	10	10	2.3 No	1.3 Primary Over-Voltage
SLP093	60	'53817274_/_53817277'		1.3	9.5	10	2.168	10	10	2.3 No	1.3 Primary Over-Voltage
SLP093	61	'53817249_/_53817251'		1.3	9.4	10	2.168	10	10	2.3 No	1.3 Primary Over-Voltage
SLP093	62	'6035578_/_53817543_2'		1.4	9.4	10	2.168	2.5	10	2.3 No	1.4 Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SLP093	63	'53817219_/53817221'		1.2	9.2	10	2.168	10	10	2.3 No	1.2 Primary Over-Voltage
SLP093	64	'6047891_/53817191'		1.2	9.1	10	2.168	10	10	2.3 No	1.2 Primary Over-Voltage
SLP093	65	'53817522_/53817461_1'		1.2	9	10	2.168	1.5	10	2.3 No	1.2 Primary Over-Voltage
SLP093	66	'6047665_/6047972'		1.2	9	10	2.168	10	10	2.3 No	1.2 Primary Over-Voltage
SLP093	67	'49250911_/6047906_1'		0.4	2.97	3.33	0.72	0.5	3.33	0.77 No	0.4 Primary Over-Voltage
SLP093	68	'6047664_/6047662'		1.2	8.8	10	2.168	10	10	2.3 No	1.2 Primary Over-Voltage
SLP093	69	'6048404_/6048418'		1.2	8.7	10	2.168	10	10	2.3 No	1.2 Primary Over-Voltage
SLP093	70	'6047871_/6047869_1'		1.2	8.7	10	2.168	1.6	10	2.3 No	1.2 Primary Over-Voltage
SLP093	71	'575523351_/546750094'		1.5	9	10	2.168	5.4	10	2.3 No	1.5 Primary Over-Voltage
SLP093	72	'575523350_/546750037'		1.5	9	10	2.168	5.4	10	2.3 No	1.5 Primary Over-Voltage
SLP093	73	'575523355_/546750043'		1.5	9	10	2.168	5.4	10	2.3 No	1.5 Primary Over-Voltage
SLP093	74	'575523363_/546750055'		1.5	9	10	2.168	5.4	10	2.3 No	1.5 Primary Over-Voltage
SLP093	75	'575523359_/546750049'		1.5	9	10	2.168	5.4	10	2.3 No	1.5 Primary Over-Voltage
SLP093	76	'70285271_/7739443_1'		1.2	8.7	10	2.168	8	10	2.3 No	1.2 Primary Over-Voltage
SLP093	77	'6047648_/6048401'		1.2	8.6	10	2.168	10	10	2.3 No	1.2 Primary Over-Voltage
SLP093	78	'6035539_/6035576'		1.4	8.6	10	2.168	2.5	10	2.3 No	1.4 Primary Over-Voltage
SLP093	79	'6047631_/6047645'		1.1	8.4	10	2.168	10	10	2.3 No	1.1 Primary Over-Voltage
SLP093	80	'6047630_/6047628'		1.1	8.3	10	2.168	10	10	2.3 No	1.1 Primary Over-Voltage
SLP093	81	'6035934_/6036009_2'		1.7	8.8	10	2.168	3.5	10	2.3 No	1.7 Primary Over-Voltage
SLP093	82	'624839045_/6048046_2'		1.1	8.2	10	2.168	10	10	2.3 No	1.1 Primary Over-Voltage
SLP093	83	'6048048_/6048046_1'		1.1	8.2	10	2.168	10	10	2.3 No	1.1 Primary Over-Voltage
SLP093	84	'546750127_/546750135'		1	5.67	6.67	1.448	3.6	6.67	1.53 No	1 Primary Over-Voltage
SLP093	85	'546749915_/546750160'		0.5	2.83	3.33	0.72	1.8	3.33	0.77 No	0.5 Primary Over-Voltage
SLP093	86	'53817454_/53817461_2'		1.2	8.2	10	2.168	1.5	10	2.3 No	1.2 Primary Over-Voltage
SLP093	87	'6048117_/6048131'		1.1	8	10	2.168	10	10	2.3 No	1.1 Primary Over-Voltage
SLP093	88	'546750284_/546750281'		0.5	2.8	3.33	0.72	1.8	3.33	0.77 No	0.5 Primary Over-Voltage
SLP093	89	'486213059_/7429386_2'		0.5	2.8	3.33	0.72	1.8	3.33	0.77 No	0.5 Primary Over-Voltage
SLP093	90	'6047579_/6047906_2'		0.4	2.7	3.33	0.72	0.5	3.33	0.77 No	0.4 Primary Over-Voltage
SLP093	91	'6048174_/6048171'		1.1	7.9	10	2.168	10	10	2.3 No	1.1 Primary Over-Voltage
SLP093	92	'7429423_/575523452'		0.5	2.73	3.33	0.72	1.4	3.33	0.77 No	0.5 Primary Over-Voltage
SLP093	93	'6048191_/6048188'		1.1	7.8	10	2.168	10	10	2.3 No	1.1 Primary Over-Voltage
SLP093	94	'486212779_/49993518_1'		0.5	2.73	3.33	0.72	1.4	3.33	0.77 No	0.5 Primary Over-Voltage
SLP093	95	'584267805_/6048205'		1.1	7.8	10	2.168	10	10	2.3 No	1.1 Primary Over-Voltage
SLP093	96	'6048208_/584267809'		1.1	7.7	10	2.168	10	10	2.3 No	1.1 Primary Over-Voltage
SLP093	97	'584267866_/584267492_3'		1.1	7.7	10	2.168	10	10	2.3 No	1.1 Primary Over-Voltage
SLP093	98	'6035538_/6035536'		1.4	7.8	10	2.168	2.5	10	2.3 No	1.4 Primary Over-Voltage
SLP093	99	'585997495_/641254519_1'		1.4	7.3	10	2.168	1.5	10	2.3 No	1.4 Primary Over-Voltage
SLP093	100	'8378730_/8378728_1'		1.4	7.7	10	2.168	1.5	10	2.3 No	1.4 Primary Over-Voltage
SLP093	101	'70109505_/70109510'		1.7	7.9	10	2.168	3.5	10	2.3 No	1.7 Primary Over-Voltage
SLP093	102	'584267505_/584267492_2'		1.1	7.4	10	2.168	10	10	2.3 No	1.1 Primary Over-Voltage
SLP093	103	'7429388_/7429386_1'		0.47	2.6	3.33	0.72	1.8	3.33	0.77 No	0.47 Primary Over-Voltage
SLP093	104	'49995767_/584267492_1'		1.1	7.4	10	2.168	10	10	2.3 No	1.1 Primary Over-Voltage
SLP093	105	'6035522_/6035556_2'		1.4	7.6	10	2.168	2.5	10	2.3 No	1.4 Primary Over-Voltage
SLP093	106	'49995768_/6048786'		1.1	7.2	10	2.168	10	10	2.3 No	1.1 Primary Over-Voltage
SLP093	107	'43835710_/6035556_1'		1.4	7.5	10	2.168	2.5	10	2.3 No	1.4 Primary Over-Voltage
SLP093	108	'114656061_/8688786_1'		1.1	7.2	10	2.168	10	10	2.3 No	1.1 Primary Over-Voltage
SLP093	109	'119808271_/119808238'		1.1	7.2	10	2.168	10	10	2.3 No	1.1 Primary Over-Voltage
SLP093	110	'7428490_/8378728_2'		1.4	7.4	10	2.168	1.5	10	2.3 No	1.4 Primary Over-Voltage
SLP093	111	'7428918_/8064067_2'		1.1	7.2	10	2.168	4.6	9.96	2.3 No	1.1 Primary Over-Voltage
SLP093	112	'486213110_/49993518_2'		0.37	1.47	3.33	0.72	1.4	3.33	0.77 No	0.37 Primary Over-Voltage
SLP093	113	'6035499_/6035519'		1.4	7.3	10	2.168	2.5	10	2.3 No	1.4 Primary Over-Voltage
SLP093	114	'6047566_/6047576'		0.4	2.4	3.33	0.72	0.5	3.33	0.77 No	0.4 Primary Over-Voltage
SLP093	115	'6035392_/6047869_2'		1.2	7	10	2.168	1.6	10	2.3 No	1.2 Primary Over-Voltage
SLP093	116	'7738507_/7738505_2'		1.2	7	10	2.168	1.6	10	2.3 No	1.2 Primary Over-Voltage
SLP093	117	'6035935_/6035932'		1.7	7.3	10	2.168	3.5	10	2.3 No	1.7 Primary Over-Voltage
SLP093	118	'7428919_/8064067_1'		1	6.8	10	2.168	2.6	9.7	2.3 No	1 Primary Over-Voltage
SLP093	119	'43835698_/6035496'		1.4	7	10	2.168	2.5	10	2.3 No	1.4 Primary Over-Voltage
SLP093	120	'7738712_/7738505_1'		1.2	6.7	10	2.168	0.9	9.92	2.3 No	0.9 Element Fault
SLP093	121	'6040051_/6040086'		1.4	6.8	10	2.168	2.5	9.93	2.3 No	1.4 Primary Over-Voltage
SLP093	122	'6029434_/6047563'		0.4	2.23	3.33	0.72	0.5	3.24	0.77 No	0.4 Primary Over-Voltage
SLP093	123	'6035690_/43835700'		0.93	4.47	6.67	1.448	1.67	6.54	1.53 No	0.93 Primary Over-Voltage
SLP093	124	'43835685_/6040049'		1.4	6.6	10	2.168	2.5	9.73	2.3 No	1.4 Primary Over-Voltage
SLP093	125	'494818271_/8688786_2'		1	6.1	10	2.168	10	9.04	2.3 No	1 Primary Over-Voltage
SLP093	126	'404830650_/494818269'		1	6.1	10	2.168	10	9.04	2.3 No	1 Primary Over-Voltage
SLP093	127	'494818265_/494818263'		1	6.1	10	2.168	10	9.04	2.3 No	1 Primary Over-Voltage
SLP093	128	'494818277_/494818275'		1	6.1	10	2.168	4.7	9.04	2.3 No	1 Primary Over-Voltage
SLP093	129	'494818283_/494818281'		1	6.1	10	2.168	10	9.04	2.3 No	1 Primary Over-Voltage
SLP093	130	'43835672_/43835687'		1.4	6.4	10	2.168	2.5	9.47	2.3 No	1.4 Primary Over-Voltage
SLP093	131	'6029421_/6029431'		0.4	2.1	3.33	0.72	0.5	3.1	0.77 No	0.4 Primary Over-Voltage
SLP093	132	'7513693_/9406456_1'		0.4	2.1	3.33	0.72	0.3	3.08	0.77 No	0.3 Element Fault
SLP093	133	'66492945_/66492954'		1.6	6.3	10	2.168	3.5	9.66	2.3 No	1.6 Primary Over-Voltage
SLP093	134	'427492078_/419317638_2'		1.6	6.3	10	2.168	3.5	9.62	2.3 No	1.6 Primary Over-Voltage
SLP093	135	'7739797_/9321594'		1	5.7	10	2.168	10	8.68	2.3 No	1 Primary Over-Voltage
SLP093	136	'8132957_/8132955'		0.4	2.03	3.33	0.72	1.8	3.08	0.77 No	0.4 Primary Over-Voltage
SLP093	137	'6028980_/6040013'		1.3	6	10	2.168	2.5	9.07	2.3 No	1.3 Primary Over-Voltage
SLP093	138	'43835274_/43835273'		0.4	1.97	3.33	0.72	0.5	2.94	0.77 No	0.4 Primary Over-Voltage
SLP093	139	'419317619_/419317638_1'		1.5	6	10	2.168	1.7	9.31	2.3 No	1.5 Primary Over-Voltage
SLP093	140	'6028962_/6028977'		0.87	3.87	6.67	1.448	1.67	5.91	1.53 No	0.87 Primary Over-Voltage
SLP093	141	'419317702_/419317721'		1.5	5.9	10	2.168	1.7	9.23	2.3 No	1.5 Primary Over-Voltage
SLP093	142	'38168285_/9406456_2'		0.4	1.87	3.33	0.72	0.3	2.86	0.77 No	0.3 Element Fault
SLP093	143	'9406459_/44089845'		0.4	1.87	3.33	0.72	0.3	2.83	0.77 No	0.3 Element Fault
SLP093	144	'43835282_/6035390'		1	5.5	10	2.168	1.6	8.64	2.3 No	1 Primary Over-Voltage
SLP093	145	'6028930_/6028943'		0.4	1.8	3.33	0.72	0.5	2.77	0.77 No	0.4 Primary Over-Voltage
SLP093	146	'413839210_/413839240'		0.37	1.83	3.33	0.72	1.8	2.83	0.77 No	0.37 Primary Over-Voltage
SLP093	147	'8688289_/8688698_1'		0.4	1.8	3.33	0.72	0.3	2.75	0.77 No	0.3 Element Fault
SLP093	148	'6035413_/43835284'		1	5.3	10	2.168	1.6	8.38	2.3 No	1 Primary Over-Voltage
SLP093	149	'43837056_/6029562'		1.2	5.3	10	2.168	2.5	8.31	2.3 No	1.2 Primary Over-Voltage
SLP093	150	'7739798_/7739795'		1	4.9	10	2.168	10	7.79	2.3 No	1 Primary Over-Voltage
SLP093	151	'6028961_/43835662'		0.87	3.53	6.67	1.448	1.67	5.49	1.53 No	0.87 Primary Over-Voltage
SLP093	152	'6035469_/6035481'		1	5.1	10	2.168	1.6	8.21	2.3 No	1 Primary Over-Voltage
SLP093	153	'43835260_/6028927'		0.4	1.73	3.33	0.72	0.5	2.66	0.77 No	0.4 Primary Over-Voltage
SLP093	154	'9321456_/9321454'		0.33	1.73	3.33	0.72	1.8	2.7	0.77 No	0.33 Primary Over-Voltage
SLP093	155	'6040036_/6040033'		0.4	1.7	3.33	0.72	0.83	2.67	0.77 No	0.4 Primary Over-Voltage
SLP093	156	'6035451_/6035466'		0.9	5	10	2.168	1.6	8.02	2.3 No	0.9 Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SLP093	157	'457941374_/457941371'	0.4	1.7	3.33	0.72	0.83	2.63	0.77 No	0.4	Primary Over-Voltage
SLP093	158	'467490661_/457941412_1'	0.4	1.7	3.33	0.72	0.5	2.63	0.77 No	0.4	Primary Over-Voltage
SLP093	159	'6035599_/6035616'	0.9	4.9	10	2.168	1.6	7.93	2.3 No	0.9	Primary Over-Voltage
SLP093	160	'51937700_/43837058'	1.1	5	10	2.168	2.5	7.86	2.3 No	1.1	Primary Over-Voltage
SLP093	161	'43835249_/43835262'	0.4	1.63	3.33	0.72	0.5	2.56	0.77 No	0.4	Primary Over-Voltage
SLP093	162	'6029503_/6029522'	1.1	4.9	10	2.168	2.5	7.79	2.3 No	1.1	Primary Over-Voltage
SLP093	163	'8688701_/8688698_2'	0.4	1.63	3.33	0.72	0.3	2.55	0.77 No	0.3	Element Fault
SLP093	164	'6035450_/6035448'	0.6	3.2	6.67	1.448	1.07	5.16	1.53 No	0.6	Primary Over-Voltage
SLP093	165	'6035598_/6035596'	0.9	4.8	10	2.168	1.6	7.73	2.3 No	0.9	Primary Over-Voltage
SLP093	166	'6029584_/6029582'	1.1	4.6	10	2.168	2.5	7.41	2.3 No	1.1	Primary Over-Voltage
SLP093	167	'6029504_/6029501'	0.73	3.07	6.67	1.448	1.67	4.92	1.53 No	0.73	Primary Over-Voltage
SLP093	168	'8064369_/8993347'	0.4	1.53	3.33	0.72	0.3	2.42	0.77 No	0.3	Element Fault
SLP093	169	'43837215_/6035672'	0.6	3	6.67	1.448	1.07	4.93	1.53 No	0.6	Primary Over-Voltage
SLP093	170	'7126195_/43835251'	0.4	1.53	3.33	0.72	0.5	2.4	0.77 No	0.4	Primary Over-Voltage
SLP093	171	'8688236_/9000929'	1	4.2	10	2.168	10	6.88	2.3 No	1	Primary Over-Voltage
SLP093	172	'49933761_/8615704_2'	0.4	1.53	3.33	0.72	0.5	2.39	0.77 No	0.4	Primary Over-Voltage
SLP093	173	'7739690_/9321506'	0.3	1.5	3.33	0.72	1.8	2.42	0.77 No	0.3	Primary Over-Voltage
SLP093	174	'457941393_/457941412_2'	0.33	1.47	3.33	0.72	0.5	2.35	0.77 No	0.33	Primary Over-Voltage
SLP093	175	'37950374_/8688234'	1	4	10	2.168	10	6.62	2.3 No	1	Primary Over-Voltage
SLP093	176	'37946066_/37946077'	1	4	10	2.168	10	6.62	2.3 No	1	Primary Over-Voltage
SLP093	177	'37946059_/37946070'	0.33	1.33	3.33	0.72	0.8	2.21	0.77 No	0.33	Primary Over-Voltage
SLP093	178	'37946052_/37946063'	1	4	10	2.168	2.5	6.62	2.3 No	1	Primary Over-Voltage
SLP093	179	'37950381_/37950378'	1	4	10	2.168	10	6.62	2.3 No	1	Primary Over-Voltage
SLP093	180	'6035639_/6035654'	0.53	2.87	6.67	1.448	1.07	4.71	1.53 No	0.53	Primary Over-Voltage
SLP093	181	'8615706_/8615704_1'	0.4	1.4	3.33	0.72	0.3	2.25	0.77 No	0.3	Element Fault
SLP093	182	'7739566_/7739563'	0.33	1.3	3.33	0.72	0.8	2.15	0.77 No	0.33	Primary Over-Voltage
SLP093	183	'7739617_/8064367'	0.4	1.4	3.33	0.72	0.3	2.24	0.77 No	0.3	Element Fault
SLP093	184	'7429304_/7429302'	1	3.8	10	2.168	2.5	6.39	2.3 No	1	Primary Over-Voltage
SLP093	185	'69382757_/8379654'	1	3.8	10	2.168	10	6.31	2.3 No	1	Primary Over-Voltage
SLP093	186	'403686925_/69382755'	1	3.8	10	2.168	10	6.31	2.3 No	1	Primary Over-Voltage
SLP093	187	'69382745_/69382749'	1	3.8	10	2.168	10	6.31	2.3 No	1	Primary Over-Voltage
SLP093	188	'69382781_/69382779'	1	3.8	10	2.168	4.9	6.31	2.3 No	1	Primary Over-Voltage
SLP093	189	'69382769_/69382773'	1	3.8	10	2.168	10	6.31	2.3 No	1	Primary Over-Voltage
SLP093	190	'9321348_/9321362'	0.33	1.27	3.33	0.72	0.8	2.11	0.77 No	0.33	Primary Over-Voltage
SLP093	191	'6035436_/6035636'	0.53	2.73	6.67	1.448	1.07	4.49	1.53 No	0.53	Primary Over-Voltage
SLP093	192	'8063929_/8688214'	1	3.8	10	2.168	2.5	6.29	2.3 No	1	Primary Over-Voltage
SLP093	193	'8063930_/8063927'	1	3.7	10	2.168	2.5	6.25	2.3 No	1	Primary Over-Voltage
SLP093	194	'7428750_/9630905'	1	3.7	10	2.168	2.5	6.2	2.3 No	1	Primary Over-Voltage
SLP093	195	'8687876_/9321346'	0.33	1.23	3.33	0.72	0.8	2.06	0.77 No	0.33	Primary Over-Voltage
SLP093	196	'37945765_/69382833'	0.9	3.6	10	2.168	10	6.08	2.3 No	0.9	Primary Over-Voltage
SLP093	197	'404830300_/37945769'	0.9	3.6	10	2.168	10	6.08	2.3 No	0.9	Primary Over-Voltage
SLP093	198	'37945779_/37945776'	0.9	3.6	10	2.168	2.5	6.08	2.3 No	0.9	Primary Over-Voltage
SLP093	199	'37945744_/37945741'	0.9	3.6	10	2.168	10	6.08	2.3 No	0.9	Primary Over-Voltage
SLP093	200	'37945730_/37945734'	0.9	3.6	10	2.168	2.5	6.08	2.3 No	0.9	Primary Over-Voltage
SLP093	201	'6035435_/6035433'	0.53	2.6	6.67	1.448	1.07	4.27	1.53 No	0.53	Primary Over-Voltage
SLP093	202	'8378958_/8378956'	0.9	3.5	10	2.168	2.5	5.94	2.3 No	0.9	Primary Over-Voltage
SLP093	203	'7992071_/9250825'	0.4	1.3	3.33	0.72	0.3	2.08	0.77 No	0.3	Element Fault
SLP093	204	'7428751_/7428748'	1	3.5	10	2.168	2.5	5.98	2.3 No	1	Primary Over-Voltage
SLP093	205	'37945688_/8063715'	0.9	3.5	10	2.168	2.5	5.91	2.3 No	0.9	Primary Over-Voltage
SLP093	206	'37945695_/37945692'	0.9	3.5	10	2.168	2.5	5.91	2.3 No	0.9	Primary Over-Voltage
SLP093	207	'37945716_/37945720'	0.3	1.17	3.33	0.72	0.83	1.97	0.77 No	0.3	Primary Over-Voltage
SLP093	208	'404829879_/404829876'	0.3	1.17	3.33	0.72	0.83	1.97	0.77 No	0.3	Primary Over-Voltage
SLP093	209	'37945702_/37945699'	0.9	3.5	10	2.168	2.5	5.91	2.3 No	0.9	Primary Over-Voltage
SLP093	210	'50683002_/9369358'	0.9	3.5	10	2.168	10	5.85	2.3 No	0.9	Primary Over-Voltage
SLP093	211	'404867086_/37951302'	0.9	3.5	10	2.168	10	5.85	2.3 No	0.9	Primary Over-Voltage
SLP093	212	'50683022_/37951330'	0.9	3.5	10	2.168	10	5.85	2.3 No	0.9	Primary Over-Voltage
SLP093	213	'50683032_/37951337'	0.9	3.5	10	2.168	3	5.85	2.3 No	0.9	Primary Over-Voltage
SLP093	214	'50683012_/37951309'	0.9	3.5	10	2.168	10	5.85	2.3 No	0.9	Primary Over-Voltage
SLP093	215	'7428635_/8378836'	0.3	1.17	3.33	0.72	0.83	1.96	0.77 No	0.3	Primary Over-Voltage
SLP093	216	'7739109_/8687874'	0.33	1.17	3.33	0.72	0.8	1.95	0.77 No	0.33	Primary Over-Voltage
SLP093	217	'7739061_/8379192'	0.9	3.4	10	2.168	2.5	5.84	2.3 No	0.9	Primary Over-Voltage
SLP093	218	'7428651_/9630691'	0.3	1.13	3.33	0.72	0.83	1.93	0.77 No	0.3	Primary Over-Voltage
SLP093	219	'246880214_/9007505'	0.9	3.3	10	2.168	3	5.69	2.3 No	0.9	Primary Over-Voltage
SLP093	220	'7790630_/7992068'	0.4	1.23	3.33	0.72	0.3	1.99	0.77 No	0.3	Element Fault
SLP093	221	'246674263_/240606078'	0.6	2.2	6.67	1.448	2	3.79	1.53 No	0.6	Primary Over-Voltage
SLP093	222	'7739618_/7739615'	0.4	1.2	3.33	0.72	0.3	1.98	0.77 No	0.3	Element Fault
SLP093	223	'6040105_/6040103'	0.47	2.4	6.67	1.448	1.07	4.01	1.53 No	0.47	Primary Over-Voltage
SLP093	224	'7429356_/7429354_1'	0.4	1.13	3.33	0.72	0.3	1.97	0.77 No	0.3	Element Fault
SLP093	225	'37945548_/9000743'	0.9	3.3	10	2.168	2.5	5.61	2.3 No	0.9	Primary Over-Voltage
SLP093	226	'37945555_/37945552'	0.9	3.3	10	2.168	2.5	5.61	2.3 No	0.9	Primary Over-Voltage
SLP093	227	'37945583_/37945580'	0.3	1.1	3.33	0.72	0.83	1.87	0.77 No	0.3	Primary Over-Voltage
SLP093	228	'37945562_/37945559'	0.3	1.1	3.33	0.72	0.83	1.87	0.77 No	0.3	Primary Over-Voltage
SLP093	229	'37945569_/37945573'	0.9	3.3	10	2.168	2.5	5.61	2.3 No	0.9	Primary Over-Voltage
SLP093	230	'37945793_/229552760'	0.9	3.3	10	2.168	4.9	5.62	2.3 No	0.9	Primary Over-Voltage
SLP093	231	'37945800_/37945797'	0.9	3.3	10	2.168	4.9	5.62	2.3 No	0.9	Primary Over-Voltage
SLP093	232	'37945821_/37945825'	0.3	1.1	3.33	0.72	1.63	1.87	0.77 No	0.3	Primary Over-Voltage
SLP093	233	'404830216_/404830213'	0.3	1.1	3.33	0.72	1.63	1.87	0.77 No	0.3	Primary Over-Voltage
SLP093	234	'37945807_/37945804'	0.9	3.3	10	2.168	4.9	5.62	2.3 No	0.9	Primary Over-Voltage
SLP093	235	'8063687_/9320836'	0.6	2.2	6.67	1.448	1.67	3.72	1.53 No	0.6	Primary Over-Voltage
SLP093	236	'7428634_/7428632'	0.3	1.07	3.33	0.72	0.83	1.85	0.77 No	0.3	Primary Over-Voltage
SLP093	237	'7428650_/7428648'	0.3	1.07	3.33	0.72	0.83	1.84	0.77 No	0.3	Primary Over-Voltage
SLP093	238	'8378807_/8378804'	0.3	1.07	3.33	0.72	0.83	1.82	0.77 No	0.3	Primary Over-Voltage
SLP093	239	'7739110_/7739107'	0.33	1.07	3.33	0.72	0.8	1.82	0.77 No	0.33	Primary Over-Voltage
SLP093	240	'7428770_/7739059'	0.3	1.07	3.33	0.72	0.83	1.82	0.77 No	0.3	Primary Over-Voltage
SLP093	241	'9320611_/9320608'	0.3	1.07	3.33	0.72	0.83	1.8	0.77 No	0.3	Primary Over-Voltage
SLP093	242	'8063688_/8063685'	0.3	1.07	3.33	0.72	0.83	1.8	0.77 No	0.3	Primary Over-Voltage
SLP093	243	'7429357_/7790627'	0.4	1.13	3.33	0.72	0.3	1.87	0.77 No	0.3	Element Fault
SLP093	244	'7739094_/9000727'	0.3	1.03	3.33	0.72	0.83	1.79	0.77 No	0.3	Primary Over-Voltage
SLP093	245	'9630630_/9630643'	0.33	1.03	3.33	0.72	0.83	1.78	0.77 No	0.33	Primary Over-Voltage
SLP093	246	'8687860_/9630873'	0.3	1.03	3.33	0.72	0.83	1.79	0.77 No	0.3	Primary Over-Voltage
SLP093	247	'37945618_/229552799'	0.8	3.1	10	2.168	4.9	5.32	2.3 No	0.8	Primary Over-Voltage
SLP093	248	'37945611_/37945615'	0.8	3.1	10	2.168	4.9	5.32	2.3 No	0.8	Primary Over-Voltage
SLP093	249	'37945639_/37945636'	0.27	1.03	3.33	0.72	0.4	1.77	0.77 No	0.27	Primary Over-Voltage
SLP093	250	'37945632_/37945629'	0.27	1.03	3.33	0.72	0.4	1.77	0.77 No	0.27	Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SLP093	251	'37945660_/_37945657'	0.27	1.03	3.33	0.72	0.4	1.77	0.77 No	0.27	Primary Over-Voltage
SLP093	252	'37945597_/_37945601'	0.8	3.1	10	2.168	2.5	5.32	2.3 No	0.8	Primary Over-Voltage
SLP093	253	'7739077_/_8379212'	0.3	1.03	3.33	0.72	0.83	1.78	0.77 No	0.3	Primary Over-Voltage
SLP093	254	'8687637_/_9320728'	0.3	1.03	3.33	0.72	0.83	1.76	0.77 No	0.3	Primary Over-Voltage
SLP093	255	'8687588_/_9630659'	0.27	1.03	3.33	0.72	0.83	1.76	0.77 No	0.27	Primary Over-Voltage
SLP093	256	'7428771_/_65715435'	0.27	1.03	3.33	0.72	0.83	1.77	0.77 No	0.27	Primary Over-Voltage
SLP093	257	'8687861_/_65715424'	0.3	1.03	3.33	0.72	0.83	1.76	0.77 No	0.3	Primary Over-Voltage
SLP093	258	'7739078_/_65715490'	0.3	1.03	3.33	0.72	0.83	1.75	0.77 No	0.3	Primary Over-Voltage
SLP093	259	'9630927_/_9630941'	0.33	1.03	3.33	0.72	0.8	1.75	0.77 No	0.33	Primary Over-Voltage
SLP093	260	'9320803_/_9630627'	0.33	1	3.33	0.72	0.83	1.74	0.77 No	0.33	Primary Over-Voltage
SLP093	261	'7739174_/_8687634'	0.3	1	3.33	0.72	0.83	1.73	0.77 No	0.3	Primary Over-Voltage
SLP093	262	'7428786_/_65715501'	0.3	1	3.33	0.72	0.83	1.74	0.77 No	0.3	Primary Over-Voltage
SLP093	263	'8687653_/_9320744'	0.33	1	3.33	0.72	0.83	1.72	0.77 No	0.33	Primary Over-Voltage
SLP093	264	'8066126_/_240606034'	0.9	2.9	10	2.168	3	5.08	2.3 No	0.9	Primary Over-Voltage
SLP093	265	'9065935_/_65715413'	0.3	1	3.33	0.72	0.83	1.71	0.77 No	0.3	Primary Over-Voltage
SLP093	266	'7428787_/_65715512'	0.3	1	3.33	0.72	0.83	1.71	0.77 No	0.3	Primary Over-Voltage
SLP093	267	'7428819_/_7739091'	0.27	1	3.33	0.72	0.83	1.7	0.77 No	0.27	Primary Over-Voltage
SLP093	268	'8687796_/_9630759'	0.3	1	3.33	0.72	1.5	1.69	0.77 No	0.3	Primary Over-Voltage
SLP093	269	'37922084_/_8066123'	0.9	2.9	10	2.168	3	5.05	2.3 No	0.9	Primary Over-Voltage
SLP093	270	'440508434_/_440508448'	0.9	2.9	10	2.168	3	5.05	2.3 No	0.9	Primary Over-Voltage
SLP093	271	'443734744_/_440508432'	0.9	2.9	10	2.168	3	5.05	2.3 No	0.9	Primary Over-Voltage
SLP093	272	'37922112_/_440508456'	0.9	2.9	10	2.168	3	5.05	2.3 No	0.9	Primary Over-Voltage
SLP093	273	'37922098_/_440508440'	0.9	2.9	10	2.168	3	5.05	2.3 No	0.9	Primary Over-Voltage
SLP093	274	'9320594_/_9320624'	0.3	0.97	3.33	0.72	0.83	1.69	0.77 No	0.3	Primary Over-Voltage
SLP093	275	'7738930_/_9320800'	0.33	0.97	3.33	0.72	0.83	1.68	0.77 No	0.33	Primary Over-Voltage
SLP093	276	'9633330_/_9633327'	0.9	2.9	10	2.168	3	5.02	2.3 No	0.9	Primary Over-Voltage
SLP093	277	'8379162_/_8687794'	0.3	0.97	3.33	0.72	1.5	1.68	0.77 No	0.3	Primary Over-Voltage
SLP093	278	'7428866_/_9630925'	0.33	0.97	3.33	0.72	0.8	1.68	0.77 No	0.33	Primary Over-Voltage
SLP093	279	'9294425_/_9294423'	0.9	2.9	10	2.168	3	4.99	2.3 No	0.9	Primary Over-Voltage
SLP093	280	'8111389_/_9322884'	0.9	2.9	10	2.168	3	4.97	2.3 No	0.9	Primary Over-Voltage
SLP093	281	'8063866_/_8063863'	0.27	0.97	3.33	0.72	0.4	1.66	0.77 No	0.27	Primary Over-Voltage
SLP093	282	'8687520_/_9320592'	0.3	0.97	3.33	0.72	0.83	1.65	0.77 No	0.3	Primary Over-Voltage
SLP093	283	'7428618_/_8687586'	0.27	0.97	3.33	0.72	0.83	1.64	0.77 No	0.27	Primary Over-Voltage
SLP093	284	'8063882_/_65715446'	0.27	0.97	3.33	0.72	0.83	1.65	0.77 No	0.27	Primary Over-Voltage
SLP093	285	'7428818_/_7428816'	0.27	0.97	3.33	0.72	0.83	1.64	0.77 No	0.27	Primary Over-Voltage
SLP093	286	'7739158_/_7739171'	0.33	0.93	3.33	0.72	0.83	1.63	0.77 No	0.33	Primary Over-Voltage
SLP093	287	'7428803_/_7738845'	0.27	0.93	3.33	0.72	0.83	1.63	0.77 No	0.27	Primary Over-Voltage
SLP093	288	'7738832_/_7738927'	0.33	0.93	3.33	0.72	0.83	1.63	0.77 No	0.33	Primary Over-Voltage
SLP093	289	'8378823_/_65715523'	0.3	0.93	3.33	0.72	0.83	1.63	0.77 No	0.3	Primary Over-Voltage
SLP093	290	'404867182_/_9632997'	0.8	2.8	10	2.168	5.7	4.84	2.3 No	0.8	Primary Over-Voltage
SLP093	291	'404867183_/_37922774'	0.8	2.8	10	2.168	5.7	4.84	2.3 No	0.8	Primary Over-Voltage
SLP093	292	'404867188_/_37922781'	0.8	2.8	10	2.168	4.8	4.84	2.3 No	0.8	Primary Over-Voltage
SLP093	293	'404867194_/_37922788'	0.8	2.8	10	2.168	5.7	4.84	2.3 No	0.8	Primary Over-Voltage
SLP093	294	'404867200_/_37951064'	0.8	2.8	10	2.168	5	4.84	2.3 No	0.8	Primary Over-Voltage
SLP093	295	'7428867_/_7428864'	0.33	0.93	3.33	0.72	0.8	1.62	0.77 No	0.33	Primary Over-Voltage
SLP093	296	'8993201_/_65715534'	0.3	0.93	3.33	0.72	0.83	1.62	0.77 No	0.3	Primary Over-Voltage
SLP093	297	'8066505_/_9007971'	0.8	2.8	10	2.168	5	4.81	2.3 No	0.8	Primary Over-Voltage
SLP093	298	'8687521_/_8687518'	0.3	0.93	3.33	0.72	0.83	1.6	0.77 No	0.3	Primary Over-Voltage
SLP093	299	'7428883_/_7739187_1'	0.3	0.63	3.33	0.72	0.83	1.61	0.77 No	0.3	Primary Over-Voltage
SLP093	300	'38772728_/_9065933'	0.3	0.93	3.33	0.72	0.83	1.6	0.77 No	0.3	Primary Over-Voltage
SLP093	301	'8063898_/_65715457'	0.23	0.93	3.33	0.72	0.83	1.6	0.77 No	0.23	Primary Over-Voltage
SLP093	302	'56135536_/_56135538'	0.8	2.7	10	2.168	3	4.73	2.3 No	0.8	Primary Over-Voltage
SLP093	303	'7428802_/_7428800'	0.23	0.9	3.33	0.72	0.83	1.58	0.77 No	0.23	Primary Over-Voltage
SLP093	304	'7738784_/_7738797'	0.23	0.9	3.33	0.72	0.4	1.58	0.77 No	0.23	Primary Over-Voltage
SLP093	305	'56135601_/_56135608'	0.8	2.7	10	2.168	3	4.71	2.3 No	0.8	Primary Over-Voltage
SLP093	306	'7738831_/_7738829'	0.33	0.9	3.33	0.72	0.83	1.58	0.77 No	0.33	Primary Over-Voltage
SLP093	307	'8063914_/_8063911'	0.23	0.93	3.33	0.72	0.83	1.58	0.77 No	0.23	Primary Over-Voltage
SLP093	308	'40621611_/_44090425'	0.3	0.93	3.33	0.72	0.83	1.58	0.77 No	0.3	Primary Over-Voltage
SLP093	309	'8687652_/_8687650'	0.33	0.9	3.33	0.72	0.83	1.57	0.77 No	0.33	Primary Over-Voltage
SLP093	310	'56135567_/_56135629'	0.8	2.7	10	2.168	3	4.7	2.3 No	0.8	Primary Over-Voltage
SLP093	311	'8111388_/_8111386'	0.8	2.7	10	2.168	3	4.69	2.3 No	0.8	Primary Over-Voltage
SLP093	312	'7738751_/_8687534'	0.27	0.9	3.33	0.72	0.4	1.57	0.77 No	0.27	Primary Over-Voltage
SLP093	313	'8065616_/_8065613'	0.53	1.27	6.67	1.448	3.33	3.1	1.53 No	0.53	Primary Over-Voltage
SLP093	314	'7739157_/_7739155'	0.33	0.9	3.33	0.72	0.83	1.56	0.77 No	0.33	Primary Over-Voltage
SLP093	315	'57871417_/_9399410'	0.8	2.7	10	2.168	3	4.65	2.3 No	0.8	Primary Over-Voltage
SLP093	316	'142350931_/_9323534'	0.8	2.7	10	2.168	5.7	4.63	2.3 No	0.8	Primary Over-Voltage
SLP093	317	'142350856_/_142350971'	0.8	2.7	10	2.168	5.7	4.62	2.3 No	0.8	Primary Over-Voltage
SLP093	318	'142350850_/_142350853'	0.8	2.7	10	2.168	5.7	4.62	2.3 No	0.8	Primary Over-Voltage
SLP093	319	'142350870_/_142350867'	0.8	2.7	10	2.168	5.7	4.62	2.3 No	0.8	Primary Over-Voltage
SLP093	320	'142350863_/_142350860'	0.8	2.7	10	2.168	5.7	4.62	2.3 No	0.8	Primary Over-Voltage
SLP093	321	'142350849_/_142350846'	0.8	2.7	10	2.168	4.7	4.62	2.3 No	0.8	Primary Over-Voltage
SLP093	322	'142350998_/_142351042'	0.8	2.7	10	2.168	5.7	4.62	2.3 No	0.8	Primary Over-Voltage
SLP093	323	'8378907_/_9000799'	0.33	0.9	3.33	0.72	0.83	1.55	0.77 No	0.33	Primary Over-Voltage
SLP093	324	'8063833_/_8379160'	0.3	0.9	3.33	0.72	1.4	1.55	0.77 No	0.3	Primary Over-Voltage
SLP093	325	'7428851_/_8063995'	0.33	0.9	3.33	0.72	0.83	1.54	0.77 No	0.33	Primary Over-Voltage
SLP093	326	'7738752_/_7738749'	0.27	0.9	3.33	0.72	0.4	1.54	0.77 No	0.27	Primary Over-Voltage
SLP093	327	'7428850_/_7428848'	0.33	0.87	3.33	0.72	0.83	1.53	0.77 No	0.33	Primary Over-Voltage
SLP093	328	'8381123_/_8381120'	0.8	2.6	10	2.168	4.8	4.56	2.3 No	0.8	Primary Over-Voltage
SLP093	329	'36034802_/_44100590'	0.3	0.9	3.33	0.72	0.83	1.53	0.77 No	0.3	Primary Over-Voltage
SLP093	330	'8063950_/_65715468'	0.23	0.9	3.33	0.72	0.83	1.53	0.77 No	0.23	Primary Over-Voltage
SLP093	331	'8065615_/_8065691'	0.8	1.9	10	2.168	5	4.54	2.3 No	0.8	Primary Over-Voltage
SLP093	332	'8993202_/_65715545'	0.3	0.87	3.33	0.72	0.83	1.52	0.77 No	0.3	Primary Over-Voltage
SLP093	333	'8766325_/_9399424'	0.8	2.6	10	2.168	3	4.52	2.3 No	0.8	Primary Over-Voltage
SLP093	334	'8993218_/_9320696_1'	0.33	0.77	3.33	0.72	0.83	1.52	0.77 No	0.33	Primary Over-Voltage
SLP093	335	'7428531_/_7738781'	0.23	0.87	3.33	0.72	0.4	1.51	0.77 No	0.23	Primary Over-Voltage
SLP093	336	'7739030_/_9630775'	0.27	0.87	3.33	0.72	0.4	1.51	0.77 No	0.27	Primary Over-Voltage
SLP093	337	'8063981_/_8063979'	0.33	0.87	3.33	0.72	0.83	1.5	0.77 No	0.33	Primary Over-Voltage
SLP093	338	'8063834_/_8063831'	0.3	0.87	3.33	0.72	1.4	1.5	0.77 No	0.3	Primary Over-Voltage
SLP093	339	'7738815_/_44083874'	0.3	0.87	3.33	0.72	0.83	1.51	0.77 No	0.3	Primary Over-Voltage
SLP093	340	'7428530_/_7428528'	0.23	0.87	3.33	0.72	0.4	1.5	0.77 No	0.23	Primary Over-Voltage
SLP093	341	'8766324_/_8766322'	0.8	2.5	10	2.168	3	4.46	2.3 No	0.8	Primary Over-Voltage
SLP093	342	'353717283_/_7744133'	0.7	2.6	10	2.168	5.7	4.44	2.3 No	0.7	Primary Over-Voltage
SLP093	343	'353717284_/_353717281'	0.7	2.6	10	2.168	5.7	4.44	2.3 No	0.7	Primary Over-Voltage
SLP093	344	'353717301_/_353717299'	0.7	2.6	10	2.168	4.8	4.44	2.3 No	0.7	Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SLP093	345	'353717293_/_353717291'	0.7	2.6	10	2.168	4.7	4.44	2.3 No	0.7	Primary Over-Voltage
SLP093	346	'353717309_/_353717307'	0.7	2.6	10	2.168	5.7	4.44	2.3 No	0.7	Primary Over-Voltage
SLP093	347	'8378890_/_9712000'	0.8	2.5	10	2.168	3	4.46	2.3 No	0.8	Primary Over-Voltage
SLP093	348	'7742833_/_9006977'	0.7	2.6	10	2.168	4.8	4.46	2.3 No	0.7	Primary Over-Voltage
SLP093	349	'8993170_/_8993167'	0.3	0.87	3.33	0.72	0.83	1.49	0.77 No	0.3	Primary Over-Voltage
SLP093	350	'478154847_/_9323024'	0.7	2.6	10	2.168	5.7	4.43	2.3 No	0.7	Primary Over-Voltage
SLP093	351	'8378771_/_8378768'	0.27	0.87	3.33	0.72	0.4	1.49	0.77 No	0.27	Primary Over-Voltage
SLP093	352	'7428603_/_7738861'	0.33	0.87	3.33	0.72	0.83	1.48	0.77 No	0.33	Primary Over-Voltage
SLP093	353	'8687781_/_8687778_1'	0.27	0.8	3.33	0.72	0.4	1.48	0.77 No	0.27	Primary Over-Voltage
SLP093	354	'7742834_/_7742831'	0.7	2.5	10	2.168	4.8	4.35	2.3 No	0.7	Primary Over-Voltage
SLP093	355	'7739142_/_8379244'	0.33	0.83	3.33	0.72	0.83	1.45	0.77 No	0.33	Primary Over-Voltage
SLP093	356	'7739029_/_7739027'	0.27	0.83	3.33	0.72	0.4	1.45	0.77 No	0.27	Primary Over-Voltage
SLP093	357	'7738816_/_65715398_1'	0.33	0.83	3.33	0.72	0.83	1.45	0.77 No	0.33	Primary Over-Voltage
SLP093	358	'7428602_/_7428600'	0.33	0.83	3.33	0.72	0.83	1.44	0.77 No	0.33	Primary Over-Voltage
SLP093	359	'349887610_/_478154872'	0.7	2.5	10	2.168	5.7	4.27	2.3 No	0.7	Primary Over-Voltage
SLP093	360	'8993137_/_8993183'	0.27	0.83	3.33	0.72	0.4	1.44	0.77 No	0.27	Primary Over-Voltage
SLP093	361	'8378855_/_588205180'	0.33	0.83	3.33	0.72	0.83	1.43	0.77 No	0.33	Primary Over-Voltage
SLP093	362	'8993138_/_8993135'	0.27	0.83	3.33	0.72	0.4	1.44	0.77 No	0.27	Primary Over-Voltage
SLP093	363	'75948111_/_65715479_1'	0.23	0.83	3.33	0.72	0.83	1.43	0.77 No	0.23	Primary Over-Voltage
SLP093	364	'8063850_/_9000913'	0.27	0.83	3.33	0.72	0.4	1.42	0.77 No	0.27	Primary Over-Voltage
SLP093	365	'8381323_/_9633039'	0.7	2.4	10	2.168	4.7	4.23	2.3 No	0.7	Primary Over-Voltage
SLP093	366	'349888105_/_349888629'	0.7	2.4	10	2.168	5.7	4.22	2.3 No	0.7	Primary Over-Voltage
SLP093	367	'349888098_/_349888103'	0.7	2.4	10	2.168	5.7	4.22	2.3 No	0.7	Primary Over-Voltage
SLP093	368	'349888205_/_349888095'	0.7	2.4	10	2.168	4.7	4.22	2.3 No	0.7	Primary Over-Voltage
SLP093	369	'349888121_/_349888119'	0.7	2.4	10	2.168	5.7	4.22	2.3 No	0.7	Primary Over-Voltage
SLP093	370	'8687604_/_8687618'	0.23	0.83	3.33	0.72	0.4	1.42	0.77 No	0.23	Primary Over-Voltage
SLP093	371	'349887801_/_349888606'	0.7	2.4	10	2.168	5.7	4.19	2.3 No	0.7	Primary Over-Voltage
SLP093	372	'8378854_/_8378852'	0.33	0.8	3.33	0.72	0.83	1.41	0.77 No	0.33	Primary Over-Voltage
SLP093	373	'7739046_/_7739139'	0.33	0.8	3.33	0.72	0.83	1.41	0.77 No	0.33	Primary Over-Voltage
SLP093	374	'8993154_/_9055845'	0.3	0.8	3.33	0.72	0.83	1.41	0.77 No	0.3	Primary Over-Voltage
SLP093	375	'7428619_/_8687602_1'	0.2	0.8	3.33	0.72	0.83	1.41	0.77 No	0.2	Primary Over-Voltage
SLP093	376	'7742989_/_9633059'	0.7	2.4	10	2.168	4.8	4.16	2.3 No	0.7	Primary Over-Voltage
SLP093	377	'7742990_/_7742987'	0.7	2.4	10	2.168	4.8	4.15	2.3 No	0.7	Primary Over-Voltage
SLP093	378	'8063849_/_8063847'	0.27	0.8	3.33	0.72	0.4	1.39	0.77 No	0.27	Primary Over-Voltage
SLP093	379	'8993254_/_9630611'	0.33	0.8	3.33	0.72	0.83	1.38	0.77 No	0.33	Primary Over-Voltage
SLP093	380	'37951179_/_9322824'	0.7	1.9	10	2.168	5	4.13	2.3 No	0.7	Primary Over-Voltage
SLP093	381	'37951186_/_37951183'	0.7	1.9	10	2.168	5	4.13	2.3 No	0.7	Primary Over-Voltage
SLP093	382	'404887242_/_404887239'	0.7	1.9	10	2.168	5	4.13	2.3 No	0.7	Primary Over-Voltage
SLP093	383	'37951207_/_37951204'	0.7	1.9	10	2.168	5	4.13	2.3 No	0.7	Primary Over-Voltage
SLP093	384	'37951193_/_37951190'	0.7	1.9	10	2.168	5	4.13	2.3 No	0.7	Primary Over-Voltage
SLP093	385	'9007020_/_9007017'	0.7	1.9	10	2.168	5	4.12	2.3 No	0.7	Primary Over-Voltage
SLP093	386	'349887671_/_349888658'	0.7	2.4	10	2.168	4.7	4.08	2.3 No	0.7	Primary Over-Voltage
SLP093	387	'7803582_/_7803579'	0.7	2.3	10	2.168	5.7	4.04	2.3 No	0.7	Primary Over-Voltage
SLP093	388	'7738767_/_9320576'	0.27	0.8	3.33	0.72	0.4	1.37	0.77 No	0.27	Primary Over-Voltage
SLP093	389	'7430665_/_8690260'	0.7	2.3	10	2.168	4.8	4.06	2.3 No	0.7	Primary Over-Voltage
SLP093	390	'648291440_/_9698850_1'	0.6	2.3	10	2.168	5.7	4.03	2.3 No	0.6	Primary Over-Voltage
SLP093	391	'8126667_/_8126665'	0.6	2.3	10	2.168	5.7	4.03	2.3 No	0.6	Primary Over-Voltage
SLP093	392	'9322847_/_9322844'	0.7	1.9	10	2.168	5	4.06	2.3 No	0.7	Primary Over-Voltage
SLP093	393	'243525698_/_243750169'	0.3	0.77	3.33	0.72	1	1.27	0.77 No	0.3	Primary Over-Voltage
SLP093	394	'7430664_/_7430662'	0.6	2.3	10	2.168	4.8	4.01	2.3 No	0.6	Primary Over-Voltage
SLP093	395	'8378870_/_8378868'	0.7	1.6	10	2.168	3	4.02	2.3 No	0.7	Primary Over-Voltage
SLP093	396	'70812401_/_7739043'	0.33	0.77	3.33	0.72	0.83	1.34	0.77 No	0.33	Primary Over-Voltage
SLP093	397	'8065769_/_9007237'	0.6	2.3	10	2.168	4.8	4	2.3 No	0.6	Primary Over-Voltage
SLP093	398	'8993253_/_8993251'	0.33	0.77	3.33	0.72	0.83	1.34	0.77 No	0.33	Primary Over-Voltage
SLP093	399	'9632900_/_9632897'	0.7	1.9	10	2.168	5	4	2.3 No	0.7	Primary Over-Voltage
SLP093	400	'350435708_/_9385366'	0.6	2.3	10	2.168	5.7	3.95	2.3 No	0.6	Primary Over-Voltage
SLP093	401	'7430545_/_585696659'	0.6	2.3	10	2.168	4.7	3.95	2.3 No	0.6	Primary Over-Voltage
SLP093	402	'7738768_/_7738765'	0.27	0.77	3.33	0.72	0.4	1.33	0.77 No	0.27	Primary Over-Voltage
SLP093	403	'586156116_/_548239434'	0.6	2.3	10	2.168	4.7	3.95	2.3 No	0.6	Primary Over-Voltage
SLP093	404	'369092852_/_350435760'	0.6	2.3	10	2.168	5.7	3.92	2.3 No	0.6	Primary Over-Voltage
SLP093	405	'369092847_/_350435574'	0.6	2.3	10	2.168	5.7	3.92	2.3 No	0.6	Primary Over-Voltage
SLP093	406	'369092858_/_350435582'	0.6	2.3	10	2.168	5.7	3.92	2.3 No	0.6	Primary Over-Voltage
SLP093	407	'369092864_/_500355494'	0.6	2.3	10	2.168	5.7	3.92	2.3 No	0.6	Primary Over-Voltage
SLP093	408	'638824246_/_638824250'	0.7	1.6	10	2.168	3	3.96	2.3 No	0.7	Primary Over-Voltage
SLP093	409	'7428835_/_8687810'	0.33	0.77	3.33	0.72	0.83	1.32	0.77 No	0.33	Primary Over-Voltage
SLP093	410	'350435790_/_350435851'	0.6	2.3	10	2.168	5.7	3.9	2.3 No	0.6	Primary Over-Voltage
SLP093	411	'9006999_/_9632917'	0.7	1.9	10	2.168	5	3.91	2.3 No	0.7	Primary Over-Voltage
SLP093	412	'7742874_/_548239418'	0.4	1.53	6.67	1.448	3.13	2.59	1.53 No	0.4	Primary Over-Voltage
SLP093	413	'8690066_/_9006997'	0.7	1.9	10	2.168	5	3.9	2.3 No	0.7	Primary Over-Voltage
SLP093	414	'7428546_/_9630577'	0.27	0.73	3.33	0.72	0.4	1.3	0.77 No	0.27	Primary Over-Voltage
SLP093	415	'8993234_/_9000763'	0.7	1.6	10	2.168	3	3.83	2.3 No	0.7	Primary Over-Voltage
SLP093	416	'7428834_/_7428832'	0.33	0.73	3.33	0.72	0.83	1.26	0.77 No	0.33	Primary Over-Voltage
SLP093	417	'7428547_/_7428544'	0.27	0.73	3.33	0.72	0.4	1.27	0.77 No	0.27	Primary Over-Voltage
SLP093	418	'8063651_/_8993231'	0.6	1.6	10	2.168	3	3.65	2.3 No	0.6	Primary Over-Voltage
SLP093	419	'7739125_/_7739123'	0.33	0.7	3.33	0.72	0.83	1.21	0.77 No	0.33	Primary Over-Voltage
SLP093	420	'8063636_/_8063633_1'	0.3	0.7	3.33	0.72	0.83	1.21	0.77 No	0.3	Primary Over-Voltage
SLP093	421	'7744156_/_8690064'	0.6	1.9	10	2.168	5	3.56	2.3 No	0.6	Primary Over-Voltage
SLP093	422	'7744155_/_7744153'	0.6	1.9	10	2.168	5	3.5	2.3 No	0.6	Primary Over-Voltage
SLP093	423	'8063652_/_8063649'	0.6	1.6	10	2.168	3	3.46	2.3 No	0.6	Primary Over-Voltage
SLP093	424	'7431632_/_647032247'	0.6	1.9	10	2.168	5	3.45	2.3 No	0.6	Primary Over-Voltage
SLP093	425	'9320659_/_9320656'	0.6	1.3	10	2.168	3	3.44	2.3 No	0.6	Primary Over-Voltage
SLP093	426	'157027951_/_9008011'	0.27	0.67	3.33	0.72	1.67	1.09	0.77 No	0.27	Primary Over-Voltage
SLP093	427	'586156177_/_586156181'	0.5	2	10	2.168	4.7	3.4	2.3 No	0.5	Primary Over-Voltage
SLP093	428	'157027781_/_154694871'	0.27	0.67	3.33	0.72	1.67	1.09	0.77 No	0.27	Primary Over-Voltage
SLP093	429	'157027962_/_154694885'	0.27	0.67	3.33	0.72	1.67	1.09	0.77 No	0.27	Primary Over-Voltage
SLP093	430	'8687568_/_9320676'	0.6	1.3	10	2.168	3	3.4	2.3 No	0.6	Primary Over-Voltage
SLP093	431	'8691117_/_9634063'	0.6	1.9	10	2.168	5	3.4	2.3 No	0.6	Primary Over-Voltage
SLP093	432	'8690106_/_157028027'	0.27	0.67	3.33	0.72	1.67	1.08	0.77 No	0.27	Primary Over-Voltage
SLP093	433	'7739190_/_8063963'	0.33	0.63	3.33	0.72	0.83	1.12	0.77 No	0.33	Primary Over-Voltage
SLP093	434	'8065693_/_157028005'	0.17	0.63	3.33	0.72	1.67	1.07	0.77 No	0.17	Primary Over-Voltage
SLP093	435	'598796889_/_514690041'	0.6	1.9	10	2.168	5	3.32	2.3 No	0.6	Primary Over-Voltage
SLP093	436	'7428582_/_8687566'	0.6	1.3	10	2.168	3	3.26	2.3 No	0.6	Primary Over-Voltage
SLP093	437	'8065674_/_548239401'	0.5	1.8	10	2.168	4.7	3.22	2.3 No	0.5	Primary Over-Voltage
SLP093	438	'57741540_/_585696682'	0.5	1.8	10	2.168	4.7	3.2	2.3 No	0.5	Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SLP093	439	'8690019_/_8690016'	0.27	0.63	3.33	0.72	1.67	1.03	0.77 No	0.27	Primary Over-Voltage
SLP093	440	'8378891_/_8378888'	0.27	0.6	3.33	0.72	1	1.01	0.77 No	0.27	Primary Over-Voltage
SLP093	441	'598796928_/_598796908'	0.5	1.8	10	2.168	5	3.13	2.3 No	0.5	Primary Over-Voltage
SLP093	442	'8690034_/_9632881'	0.27	0.6	3.33	0.72	1.67	1	0.77 No	0.27	Primary Over-Voltage
SLP093	443	'7431653_/_598796947'	0.5	1.8	10	2.168	5	3.07	2.3 No	0.5	Primary Over-Voltage
SLP093	444	'7744041_/_514690400'	0.5	1.8	10	2.168	5	3.07	2.3 No	0.5	Primary Over-Voltage
SLP093	445	'7431652_/_514690511'	0.5	1.8	10	2.168	5	3.07	2.3 No	0.5	Primary Over-Voltage
SLP093	446	'8065789_/_585696699'	0.5	1.8	10	2.168	4.7	3.05	2.3 No	0.5	Primary Over-Voltage
SLP093	447	'8065599_/_8690032'	0.27	0.6	3.33	0.72	1.67	0.97	0.77 No	0.27	Primary Over-Voltage
SLP093	448	'7738896_/_9630675'	0.27	0.57	3.33	0.72	1	0.97	0.77 No	0.27	Primary Over-Voltage
SLP093	449	'598796967_/_514690411'	0.5	1.7	10	2.168	5	2.99	2.3 No	0.5	Primary Over-Voltage
SLP093	450	'8065600_/_8065597'	0.27	0.57	3.33	0.72	1.67	0.96	0.77 No	0.27	Primary Over-Voltage
SLP093	451	'37922812_/_598796984'	0.5	1.7	10	2.168	5	2.95	2.3 No	0.5	Primary Over-Voltage
SLP093	452	'37922797_/_37922816'	0.5	1.7	10	2.168	5	2.95	2.3 No	0.5	Primary Over-Voltage
SLP093	453	'404887700_/_404887697'	0.5	1.7	10	2.168	5	2.95	2.3 No	0.5	Primary Over-Voltage
SLP093	454	'37922826_/_37922823'	0.5	1.7	10	2.168	5	2.95	2.3 No	0.5	Primary Over-Voltage
SLP093	455	'37922798_/_37922795'	0.5	1.7	10	2.168	5	2.95	2.3 No	0.5	Primary Over-Voltage
SLP093	456	'7738895_/_7738893'	0.27	0.57	3.33	0.72	1	0.95	0.77 No	0.27	Primary Over-Voltage
SLP093	457	'7744096_/_7744093'	0.5	1.7	10	2.168	5	2.94	2.3 No	0.5	Primary Over-Voltage
SLP093	458	'7738880_/_9000783'	0.27	0.57	3.33	0.72	1	0.93	0.77 No	0.27	Primary Over-Voltage
SLP093	459	'7431671_/_7431668'	0.5	1.7	10	2.168	5	2.88	2.3 No	0.5	Primary Over-Voltage
SLP093	460	'8066465_/_9634083'	0.5	1.6	10	2.168	5	2.85	2.3 No	0.5	Primary Over-Voltage
SLP093	461	'7738879_/_7738877'	0.17	0.53	3.33	0.72	1	0.91	0.77 No	0.17	Primary Over-Voltage
SLP093	462	'344468299_/_548239535'	0.2	0.53	3.33	0.72	1.4	0.91	0.77 No	0.2	Primary Over-Voltage
SLP093	463	'8066466_/_8066463'	0.5	1.6	10	2.168	5	2.74	2.3 No	0.5	Primary Over-Voltage
SLP093	464	'7742873_/_548239526'	0.2	0.53	3.33	0.72	1.4	0.87	0.77 No	0.2	Primary Over-Voltage
SLP093	465	'8066486_/_8066483'	0.4	1.5	10	2.168	5	2.68	2.3 No	0.4	Primary Over-Voltage
SLP093	466	'8377168_/_9007991'	0.4	1.5	10	2.168	5	2.66	2.3 No	0.4	Primary Over-Voltage
SLP093	467	'220837993_/_8377166_1'	0.4	1.5	10	2.168	5	2.63	2.3 No	0.4	Primary Over-Voltage
SLP093	468	'8377169_/_8377166_2'	0.4	1.5	10	2.168	5	2.63	2.3 No	0.4	Primary Over-Voltage
SLP093	469	'8063672_/_8063669'	0.2	0.47	3.33	0.72	1	0.78	0.77 No	0.2	Primary Over-Voltage
SLP093	470	'8687552_/_8687550'	0.13	0.47	3.33	0.72	1	0.78	0.77 No	0.13	Primary Over-Voltage
SLP094	0	'SLP094_/_8060955'	10	10	10	1.528	10	10	7.62 No	1.528	Thermal Discharging
SLP094	1	'8060957_/_8060955'	10	10	10	1.528	10	10	7.62 No	1.528	Thermal Discharging
SLP094	2	'8375896_/_8375894'	10	10	10	1.528	10	10	7.62 No	1.528	Thermal Discharging
SLP094	3	'9004005_/_9004003'	10	10	10	1.528	10	10	7.62 No	1.528	Thermal Discharging
SLP094	4	'8433398_/_9318250'	10	10	10	1.528	10	10	7.62 No	1.528	Thermal Discharging
SLP094	5	'9004125_/_9628671'	10	10	10	1.528	10	10	7.62 No	1.528	Thermal Discharging
SLP094	6	'9004105_/_9004123'	10	10	10	1.528	10	10	7.62 No	1.528	Thermal Discharging
SLP094	7	'8060583_/_9004103'	10	10	10	1.528	10	10	7.62 No	1.528	Thermal Discharging
SLP094	8	'654793866_/_654793863'	10	10	10	1.528	10	10	7.62 No	1.528	Thermal Discharging
SLP094	9	'654793886_/_654793883'	10	10	10	1.528	10	10	7.62 No	1.528	Thermal Discharging
SLP094	10	'654793939_/_654793936'	10	10	10	1.528	10	10	7.62 No	1.528	Thermal Discharging
SLP094	11	'8374761_/_654793951'	10	10	10	1.528	10	10	7.62 No	1.528	Thermal Discharging
SLP094	12	'7735726_/_8374758_2'	10	10	10	1.528	10	10	7.62 No	1.528	Thermal Discharging
SLP094	13	'5940505_/_8374758_1'	10	10	10	1.528	10	10	7.62 No	1.528	Thermal Discharging
SLP094	14	'5940598_/_5941342'	10	10	10	1.528	10	10	7.62 No	1.528	Thermal Discharging
SLP094	15	'5940521_/_5941325'	10	10	10	1.528	10	10	7.62 No	1.528	Thermal Discharging
SLP094	16	'5940599_/_5940616_1'	10	10	10	1.528	1.5	10	7.62 No	1.5	Element Fault
SLP094	17	'43817467_/_384990274'	10	10	10	1.528	10	10	7.62 No	1.528	Thermal Discharging
SLP094	18	'5915576_/_5941271'	10	10	10	1.528	10	10	7.62 No	1.528	Thermal Discharging
SLP094	19	'5940522_/_5940539_1'	10	10	10	1.528	1.5	10	7.62 No	1.5	Element Fault
SLP094	20	'5937462_/_5937476'	10	10	10	1.528	10	10	7.62 No	1.528	Thermal Discharging
SLP094	21	'5941311_/_43817469'	10	10	10	1.528	10	10	7.62 No	1.528	Thermal Discharging
SLP094	22	'5941362_/_5941359'	10	10	10	1.528	10	10	7.62 No	1.528	Thermal Discharging
SLP094	23	'9002782_/_9317388_1'	10	10	10	1.528	10	10	7.62 No	1.528	Thermal Discharging
SLP094	24	'583785580_/_583785584'	10	10	10	1.528	3.5	10	7.62 No	1.528	Thermal Discharging
SLP094	25	'5915599_/_5937459'	10	10	10	1.528	10	10	7.62 No	1.528	Thermal Discharging
SLP094	26	'5915370_/_5940502'	10	10	10	1.528	3.5	10	7.62 No	1.528	Thermal Discharging
SLP094	27	'587282811_/_587282624_1'	10	10	10	1.528	1.5	10	7.62 No	1.5	Element Fault
SLP094	28	'5915577_/_43817547'	10	10	10	1.528	4.3	10	7.62 No	1.528	Thermal Discharging
SLP094	29	'5915600_/_5915614_1'	10	10	10	1.528	2.5	10	7.62 No	1.528	Thermal Discharging
SLP094	30	'5937428_/_5937442'	10	10	10	1.528	10	10	7.62 No	1.528	Thermal Discharging
SLP094	31	'587282514_/_587282624_2'	10	10	10	1.528	1.5	10	7.62 No	1.5	Element Fault
SLP094	32	'587282495_/_587282511'	10	10	10	1.528	1.5	10	7.62 No	1.5	Element Fault
SLP094	33	'587282508_/_587282505'	10	10	10	1.528	1.5	10	7.62 No	1.5	Element Fault
SLP094	34	'587282502_/_587282499'	10	10	10	1.528	1.5	10	7.62 No	1.5	Element Fault
SLP094	35	'587282496_/_587282493'	10	10	10	1.528	1.5	10	7.62 No	1.5	Element Fault
SLP094	36	'43817354_/_384990196'	10	10	10	1.528	10	10	7.62 No	1.528	Thermal Discharging
SLP094	37	'5915617_/_5915614_2'	10	10	10	1.528	2.5	10	7.62 No	1.528	Thermal Discharging
SLP094	38	'5937337_/_5937408'	10	10	10	1.528	10	10	7.62 No	1.528	Thermal Discharging
SLP094	39	'384113388_/_5937368_1'	10	10	10	1.528	1.6	10	7.62 No	1.528	Thermal Discharging
SLP094	40	'43817302_/_43817304'	10	10	10	1.528	10	10	7.62 No	1.528	Thermal Discharging
SLP094	41	'384113346_/_5937368_2'	10	10	10	1.528	1.6	10	7.62 No	1.528	Thermal Discharging
SLP094	42	'43817315_/_384113350'	10	10	10	1.528	1.6	10	7.62 No	1.528	Thermal Discharging
SLP094	43	'470633404_/_9317388_2'	10	10	10	1.528	10	10	7.62 No	1.528	Thermal Discharging
SLP094	44	'5937303_/_5937317'	10	10	10	1.528	10	10	7.62 No	1.528	Thermal Discharging
SLP094	45	'384113501_/_5937300_2'	10	10	10	1.528	10	10	7.62 No	1.528	Thermal Discharging
SLP094	46	'5915505_/_5937388'	10	10	10	1.528	1.6	10	7.62 No	1.528	Thermal Discharging
SLP094	47	'587282575_/_587282550_2'	10	10	10	1.528	1.5	10	7.62 No	1.5	Element Fault
SLP094	48	'5915417_/_5937300_1'	10	10	10	1.528	10	10	7.62 No	1.528	Thermal Discharging
SLP094	49	'587282414_/_587282550_1'	10	10	10	1.528	0.9	10	7.62 No	0.9	Element Fault
SLP094	50	'5915418_/_5915432_1'	10	10	10	1.528	2.4	10	7.62 No	1.528	Thermal Discharging
SLP094	51	'5915637_/_5915634'	10	10	10	1.528	2.5	10	7.62 No	1.528	Thermal Discharging
SLP094	52	'5937269_/_5937283'	10	10	10	1.528	10	10	7.62 No	1.528	Thermal Discharging
SLP094	53	'7425739_/_587282594'	10	10	10	1.528	1.5	10	7.62 No	1.5	Element Fault
SLP094	54	'9317370_/_470633446'	10	10	10	1.528	10	10	7.62 No	1.528	Thermal Discharging
SLP094	55	'5937268_/_5937266'	10	10	10	1.528	10	10	7.62 No	1.528	Thermal Discharging
SLP094	56	'5915506_/_5915503'	10	10	10	1.528	1.6	10	7.62 No	1.528	Thermal Discharging
SLP094	57	'5958678_/_587282411'	10	10	10	1.528	0.9	10	7.62 No	0.9	Element Fault
SLP094	58	'76785459_/_9317368'	10	10	10	1.528	10	10	7.62 No	1.528	Thermal Discharging
SLP094	59	'403500614_/_76785449'	10	10	10	1.528	10	10	7.62 No	1.528	Thermal Discharging
SLP094	60	'76785566_/_76785435'	10	10	10	1.528	10	10	7.62 No	1.528	Thermal Discharging
SLP094	61	'5938333_/_5938347'	10	10	10	1.528	10	10	7.62 No	1.528	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over- Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SLP094	62	'5915435_/_5915432_2'		10	10	10	1.528	2.4	10	7.62 No	1.528 Thermal Discharging
SLP094	63	'5940542_/_5940539_2'		10	10	10	1.528	1.5	10	7.62 No	1.5 Element Fault
SLP094	64	'76785783_/_76785739'		10	10	10	1.528	10	10	7.62 No	1.528 Thermal Discharging
SLP094	65	'5915389_/_5938330'		10	10	10	1.528	10	10	7.62 No	1.528 Thermal Discharging
SLP094	66	'43817480_/_5940616_2'		10	10	10	1.528	1.5	10	7.62 No	1.5 Element Fault
SLP094	67	'5938250_/_5938270_1'		10	10	10	1.528	1.5	10	7.62 No	1.5 Element Fault
SLP094	68	'5915390_/_5938135_1'	6.67	6.67	6.67	1.016	1.1	6.67	5.08 No	1.016 Thermal Discharging	
SLP094	69	'5937232_/_5937249'		10	10	10	1.528	10	10	7.62 No	1.528 Thermal Discharging
SLP094	70	'5937212_/_5937229'		10	10	10	1.528	10	10	7.62 No	1.528 Thermal Discharging
SLP094	71	'5956438_/_5956456_1'	6.67	6.67	6.67	1.016	1	6.67	5.08 No	1 Element Fault	
SLP094	72	'5938290_/_5938287'		10	10	10	1.528	2.4	10	7.62 No	1.528 Thermal Discharging
SLP094	73	'5940558_/_5940556'		10	10	10	1.528	1.5	10	7.62 No	1.5 Element Fault
SLP094	74	'5915671_/_5915668'		10	10	10	1.528	2.5	10	7.62 No	1.528 Thermal Discharging
SLP094	75	'5915654_/_43817560'		10	10	10	1.528	2.5	10	7.62 No	1.528 Thermal Discharging
SLP094	76	'5915452_/_5915449'		10	10	10	1.528	2.4	10	7.62 No	1.528 Thermal Discharging
SLP094	77	'5937194_/_5937209'		10	10	10	1.528	10	10	7.62 No	1.528 Thermal Discharging
SLP094	78	'5938273_/_5938270_2'		10	10	10	1.528	1.5	10	7.62 No	1.5 Element Fault
SLP094	79	'252204377_/_252204332_1'		10	10	10	1.528	1.5	10	7.62 No	1.5 Element Fault
SLP094	80	'5937175_/_384990382'		10	10	10	1.528	10	10	7.62 No	1.528 Thermal Discharging
SLP094	81	'5956459_/_5956456_2'	6.67	6.67	6.67	1.016	1	6.67	5.08 No	1 Element Fault	
SLP094	82	'57458467_/_5915540'		10	10	10	1.528	1.6	10	7.62 No	1.528 Thermal Discharging
SLP094	83	'57458519_/_57458500_1'		10	10	10	1.528	0.9	10	7.62 No	0.9 Element Fault
SLP094	84	'5937158_/_5937172'		10	10	10	1.528	10	10	7.62 No	1.528 Thermal Discharging
SLP094	85	'57458491_/_57458500_2'		10	10	10	1.528	0.9	10	7.62 No	0.9 Element Fault
SLP094	86	'5938310_/_5938307'		10	10	10	1.528	2.4	10	7.62 No	1.528 Thermal Discharging
SLP094	87	'5937141_/_5937155'		10	10	10	1.528	10	10	7.62 No	1.528 Thermal Discharging
SLP094	88	'5915688_/_5915685'		10	10	10	1.528	2.5	10	7.62 No	1.528 Thermal Discharging
SLP094	89	'5957635_/_5957632'		10	10	10	1.528	1.5	10	7.62 No	1.5 Element Fault
SLP094	90	'5938138_/_5938135_2'	6.67	6.67	6.67	1.016	1.1	6.67	5.08 No	1.016 Thermal Discharging	
SLP094	91	'246875465_/_252204332_2'		10	10	10	1.528	1.5	10	7.62 No	1.5 Element Fault
SLP094	92	'5937124_/_5937138'		10	10	10	1.528	10	10	7.62 No	1.528 Thermal Discharging
SLP094	93	'5937123_/_5937121'		10	10	10	1.528	10	10	7.62 No	1.528 Thermal Discharging
SLP094	94	'5915522_/_5915858'		10	10	10	1.528	1.6	10	7.62 No	1.528 Thermal Discharging
SLP094	95	'5939193_/_5939221'		10	10	10	1.528	10	10	7.62 No	1.528 Thermal Discharging
SLP094	96	'5939194_/_43817293_1'	3.33	3.33	3.33	0.512	0.5	3.33	2.54 No	0.5 Element Fault	
SLP094	97	'5915469_/_5915466'		10	10	10	1.528	2.4	10	7.62 No	1.528 Thermal Discharging
SLP094	98	'5939172_/_5939204'		10	10	10	1.528	10	10	7.62 No	1.528 Thermal Discharging
SLP094	99	'7424986_/_7424984_1'		10	10	10	1.528	1.5	10	7.62 No	1.5 Element Fault
SLP094	100	'5939173_/_43817281_1'	6.67	6.67	6.67	1.016	1	6.67	5.08 No	1 Element Fault	
SLP094	101	'5940639_/_43817482'		10	10	10	1.528	1.5	10	7.62 No	1.5 Element Fault
SLP094	102	'5915708_/_5915705'		10	10	10	1.528	2.5	10	7.62 No	1.528 Thermal Discharging
SLP094	103	'5940579_/_5940576'		10	10	10	1.528	1.5	10	7.62 No	1.5 Element Fault
SLP094	104	'5957482_/_5957479'	6.67	6.67	6.67	1.016	1	6.67	5.08 No	1 Element Fault	
SLP094	105	'5954859_/_5954857_2'		10	10	10	1.528	10	10	7.62 No	1.528 Thermal Discharging
SLP094	106	'43817253_/_5954857_1'		10	10	10	1.528	10	10	7.62 No	1.528 Thermal Discharging
SLP094	107	'5956489_/_43817293_2'	3.33	3.33	3.33	0.512	0.5	3.33	2.54 No	0.5 Element Fault	
SLP094	108	'5915523_/_5915520'		10	10	10	1.528	1.6	10	7.62 No	1.528 Thermal Discharging
SLP094	109	'5954899_/_5954918'		10	10	10	1.528	10	10	7.62 No	1.528 Thermal Discharging
SLP094	110	'7424987_/_7424984_2'		10	10	10	1.528	1.5	10	7.62 No	1.5 Element Fault
SLP094	111	'5941969_/_43817586'		10	10	10	1.528	1.5	10	7.62 No	1.5 Element Fault
SLP094	112	'5956474_/_43817281_2'	6.67	6.67	6.67	1.016	1	6.67	5.08 No	1 Element Fault	
SLP094	113	'8060545_/_8060543_1'	6.67	6.67	6.67	1.016	0.6	6.67	5.08 No	0.6 Element Fault	
SLP094	114	'5959707_/_5959704'		10	10	10	1.528	10	10	7.62 No	1.528 Thermal Discharging
SLP094	115	'43817445_/_5938153'	3.33	3.33	3.33	0.512	0.55	3.33	2.54 No	0.512 Thermal Discharging	
SLP094	116	'5959724_/_5959741_1'		10	10	10	1.528	3.5	10	7.62 No	1.528 Thermal Discharging
SLP094	117	'5915725_/_5915722'		10	10	10	1.528	2.5	10	7.62 No	1.528 Thermal Discharging
SLP094	118	'5957497_/_5957494'	6.67	6.67	6.67	1.016	1	6.67	5.08 No	1 Element Fault	
SLP094	119	'5959689_/_5959741_2'		10	10	10	1.528	3.5	10	7.62 No	1.528 Thermal Discharging
SLP094	120	'43817456_/_5938179'	3.33	3.33	3.33	0.512	0.55	3.33	2.54 No	0.512 Thermal Discharging	
SLP094	121	'5992510_/_7126306'		10	10	10	1.528	6	10	7.62 No	1.528 Thermal Discharging
SLP094	122	'5915782_/_43817573'		10	10	10	1.528	2.5	10	7.62 No	1.528 Thermal Discharging
SLP094	123	'49249862_/_5992525_2'		10	10	10	1.528	6	10	7.62 No	1.528 Thermal Discharging
SLP094	124	'5915486_/_5915483'		10	10	10	1.528	2.4	10	7.62 No	1.528 Thermal Discharging
SLP094	125	'8060546_/_8060543_2'	6.67	6.67	6.67	1.016	0.6	6.67	5.08 No	0.6 Element Fault	
SLP094	126	'5959761_/_5959758'		10	10	10	1.528	3.5	10	7.62 No	1.528 Thermal Discharging
SLP094	127	'5957515_/_5957512'	6.67	6.67	6.67	1.016	1	6.67	5.08 No	1 Element Fault	
SLP094	128	'5954704_/_5959687'		10	10	10	1.528	3.5	10	7.62 No	1.528 Thermal Discharging
SLP094	129	'5915821_/_5938166'	3.33	3.33	3.33	0.512	0.55	3.33	2.54 No	0.512 Thermal Discharging	
SLP094	130	'8060740_/_9317990_1'		10	10	10	1.528	2.4	10	7.62 No	1.528 Thermal Discharging
SLP094	131	'43817393_/_5915802'		10	10	10	1.528	2.4	10	7.62 No	1.528 Thermal Discharging
SLP094	132	'5957551_/_43817408'		10	10	10	1.528	2.4	10	7.62 No	1.528 Thermal Discharging
SLP094	133	'9317993_/_9317990_2'		10	10	10	1.528	2.4	10	7.62 No	1.528 Thermal Discharging
SLP094	134	'5915805_/_8684666_2'		10	10	10	1.528	2.4	10	7.62 No	1.528 Thermal Discharging
SLP094	135	'5954900_/_43818796'	6.67	6.67	6.67	1.016	2.3	6.67	5.08 No	1.016 Thermal Discharging	
SLP094	136	'5957533_/_5957530'	6.67	6.67	6.67	1.016	1	6.67	5.08 No	1 Element Fault	
SLP094	137	'5915742_/_5915739'		10	10	10	1.528	2.5	10	7.62 No	1.528 Thermal Discharging
SLP094	138	'5940656_/_5940653'		10	10	10	1.528	1.5	10	7.62 No	1.5 Element Fault
SLP094	139	'43822632_/_5992525_1'		10	10	10	1.528	3.2	10	7.62 No	1.528 Thermal Discharging
SLP094	140	'5954954_/_5959775'		10	10	10	1.528	3.5	10	7.62 No	1.528 Thermal Discharging
SLP094	141	'5915404_/_5938192'	3.33	3.33	3.33	0.512	0.55	3.33	2.54 No	0.512 Thermal Discharging	
SLP094	142	'5965376_/_43822634'		10	10	10	1.528	3.2	10	7.62 No	1.528 Thermal Discharging
SLP094	143	'5915822_/_5915819'	3.33	3.33	3.33	0.512	0.55	3.33	2.54 No	0.512 Thermal Discharging	
SLP094	144	'8684669_/_8684666_1'		10	10	10	1.528	1.5	10	7.62 No	1.5 Element Fault
SLP094	145	'455560281_/_5965410'		10	10	10	1.528	3.2	10	7.62 No	1.528 Thermal Discharging
SLP094	146	'5965413_/_455560283'		10	10	10	1.528	3.2	10	7.62 No	1.528 Thermal Discharging
SLP094	147	'5915762_/_5915759'	9.4	10	10	1.528	2.5	10	7.62 No	1.528 Thermal Discharging	
SLP094	148	'5954955_/_5954952'		10	10	10	1.528	3.5	10	7.62 No	1.528 Thermal Discharging
SLP094	149	'43820171_/_5954702'		10	10	10	1.528	3.5	10	7.62 No	1.528 Thermal Discharging
SLP094	150	'5915405_/_5915402'	3.33	3.33	3.33	0.512	0.55	3.33	2.54 No	0.512 Thermal Discharging	
SLP094	151	'445840612_/_5965427'		10	10	10	1.528	3.2	10	7.62 No	1.528 Thermal Discharging
SLP094	152	'43822671_/_7104023'	3.33	3.33	3.33	0.512	0.55	3.33	2.54 No	0.512 Thermal Discharging	
SLP094	153	'5955006_/_5955003'		10	10	10	1.528	3.5	10	7.62 No	1.528 Thermal Discharging
SLP094	154	'43820093_/_5950830'	5.7	10	10	1.528	1.5	10	7.62 No	1.5 Element Fault	
SLP094	155	'43818594_/_5938218'	3.33	3.33	3.33	0.512	0.55	3.33	2.54 No	0.512 Thermal Discharging	

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Over-Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SLP094	156	'5994704_/_43822673'	3.33	3.33	3.33	0.512	0.55	3.33	2.54 No	0.512	Thermal Discharging
SLP094	157	'5955026_/_5955023'	10	10	10	1.528	3.5	10	7.62 No	1.528	Thermal Discharging
SLP094	158	'7427314_/_7427312_1'	3.33	3.33	3.33	0.512	0.3	3.33	2.54 No	0.3	Element Fault
SLP094	159	'9369248_/_43820173'	10	10	10	1.528	1.5	10	7.62 No	1.5	Element Fault
SLP094	160	'9369249_/_9369246'	9.2	10	10	1.528	1.5	10	7.62 No	1.5	Element Fault
SLP094	161	'5915834_/_43818596'	2.6	3.33	3.33	0.512	0.55	3.33	2.54 No	0.512	Thermal Discharging
SLP094	162	'7120980_/_7120998'	9.1	10	10	1.528	3.5	10	7.62 No	1.528	Thermal Discharging
SLP094	163	'5992030_/_5994714'	2.37	3.33	3.33	0.512	0.55	3.33	2.54 No	0.512	Thermal Discharging
SLP094	164	'5954879_/_7120978'	7	10	10	1.528	3.5	10	7.62 No	1.528	Thermal Discharging
SLP094	165	'7427315_/_7427312_2'	2.03	3.33	3.33	0.512	0.3	3.33	2.54 No	0.3	Element Fault
SLP094	166	'49934553_/_453766083_2'	7	10	10	1.528	3.5	10	7.62 No	1.528	Thermal Discharging
SLP094	167	'453766055_/_453766083_1'	6.4	10	10	1.528	1.6	10	7.62 No	1.528	Thermal Discharging
SLP094	168	'5992031_/_5992028'	1.9	3.33	3.33	0.512	0.55	3.33	2.54 No	0.512	Thermal Discharging
SLP094	169	'9318013_/_9318010'	6.4	10	10	1.528	1.6	10	7.62 No	1.528	Thermal Discharging
SLP094	170	'5915835_/_5915832'	1.8	3.33	3.33	0.512	0.55	3.33	2.54 No	0.512	Thermal Discharging
SLP094	171	'43817266_/_5954877'	5.8	10	10	1.528	3.5	10	7.62 No	1.528	Thermal Discharging
SLP094	172	'470624469_/_468411523_2'	1.73	3.33	3.33	0.512	0.55	3.33	2.54 No	0.512	Thermal Discharging
SLP094	173	'5954880_/_43817268'	5	10	10	1.528	3.5	10	7.62 No	1.528	Thermal Discharging
SLP094	174	'43826895_/_5992041'	1.6	3.33	3.33	0.512	0.55	3.33	2.54 No	0.512	Thermal Discharging
SLP094	175	'5915848_/_5915845'	1.47	3.33	3.33	0.512	0.55	3.33	2.54 No	0.512	Thermal Discharging
SLP094	176	'5992044_/_43826897'	1.4	3.33	3.33	0.512	0.55	3.33	2.54 No	0.512	Thermal Discharging
SLP094	177	'9005148_/_9005145'	1.3	3.33	3.33	0.512	0.3	3.33	2.54 No	0.3	Element Fault
SLP094	178	'468411493_/_468411523_1'	1.33	3.33	3.33	0.512	0.3	3.33	2.54 No	0.3	Element Fault
SLP094	179	'468411461_/_468411509'	1.13	3.33	3.33	0.512	0.3	3.33	2.54 No	0.3	Element Fault
SLP094	180	'468411429_/_468411477'	0.97	3.33	3.33	0.512	0.3	3.33	2.54 No	0.3	Element Fault
SLP094	181	'468411397_/_468411445'	0.9	3.33	3.33	0.512	0.3	3.33	2.54 No	0.3	Element Fault
SLP094	182	'468411365_/_468411413'	0.83	3.33	3.33	0.512	0.3	3.33	2.54 No	0.3	Element Fault
SLP094	183	'468411307_/_468411381'	0.73	3.33	3.33	0.512	0.3	3.33	2.54 No	0.3	Element Fault
SLP094	184	'468411240_/_468411323'	0.7	3.33	3.33	0.512	0.3	3.33	2.54 No	0.3	Element Fault
SLP094	185	'468411290_/_468411256_2'	0.67	3.33	3.33	0.512	0.3	3.33	2.54 No	0.3	Element Fault
SLP094	186	'5968365_/_468411256_1'	0.67	3.33	3.33	0.512	0.2	3.33	2.54 No	0.2	Element Fault
SLP094	187	'43822693_/_5968375'	0.63	3.33	3.33	0.512	0.2	3.33	2.54 No	0.2	Element Fault
SLP094	188	'43822704_/_5968388'	0.6	3.33	3.33	0.512	0.2	3.33	2.54 No	0.2	Element Fault
SLP094	189	'5982966_/_5982963'	0.57	3.33	3.33	0.512	0.2	3.33	2.54 No	0.2	Element Fault
SLP095	0	'SLP095_/_8060975'	10	10	10	1.008	10	10	5.32 No	1.008	Thermal Discharging
SLP095	1	'8060977_/_8060975'	10	10	10	1.008	10	10	5.32 No	1.008	Thermal Discharging
SLP095	2	'7426129_/_9003903'	10	10	10	1.008	10	10	5.32 No	1.008	Thermal Discharging
SLP095	3	'7426128_/_7426126'	10	10	10	1.008	10	10	5.32 No	1.008	Thermal Discharging
SLP095	4	'8060998_/_8061015'	10	10	10	1.008	10	10	5.32 No	1.008	Thermal Discharging
SLP095	5	'594188610_/_594188836'	10	10	10	1.008	10	10	5.32 No	1.008	Thermal Discharging
SLP095	6	'7736647_/_8060995'	10	10	10	1.008	10	10	5.32 No	1.008	Thermal Discharging
SLP095	7	'654793976_/_654793987'	10	10	10	1.008	10	10	5.32 No	1.008	Thermal Discharging
SLP095	8	'654793965_/_654793973'	10	10	10	1.008	10	10	5.32 No	1.008	Thermal Discharging
SLP095	9	'7420188_/_654793962'	10	10	10	1.008	10	10	5.32 No	1.008	Thermal Discharging
SLP095	10	'7735665_/_9627197'	10	10	10	1.008	10	10	5.32 No	1.008	Thermal Discharging
SLP095	11	'7424966_/_6463949651'	10	10	10	1.008	10	10	5.32 No	1.008	Thermal Discharging
SLP095	12	'7424967_/_7424964'	10	10	10	1.008	10	10	5.32 No	1.008	Thermal Discharging
SLP095	13	'8375678_/_9628257'	10	10	10	1.008	10	10	5.32 No	1.008	Thermal Discharging
SLP095	14	'8375679_/_8375676'	10	10	10	1.008	10	10	5.32 No	1.008	Thermal Discharging
SLP095	15	'8685763_/_9318030'	10	10	10	1.008	10	10	5.32 No	1.008	Thermal Discharging
SLP095	16	'8060860_/_8685760'	10	10	10	1.008	10	10	5.32 No	1.008	Thermal Discharging
SLP095	17	'8060859_/_8060857'	10	10	10	1.008	10	10	5.32 No	1.008	Thermal Discharging
SLP095	18	'8060897_/_8060895'	10	10	10	1.008	10	10	5.32 No	1.008	Thermal Discharging
SLP095	19	'652146211_/_652146238'	10	10	10	1.008	10	10	5.32 No	1.008	Thermal Discharging
SLP095	20	'9003866_/_9628551'	10	10	10	1.008	10	10	5.32 No	1.008	Thermal Discharging
SLP095	21	'9003865_/_9003863'	10	10	10	1.008	10	10	5.32 No	1.008	Thermal Discharging
SLP095	22	'9005244_/_9369266'	10	10	10	1.008	10	10	5.32 No	1.008	Thermal Discharging
SLP095	23	'9005243_/_9005241'	10	10	10	1.008	10	10	5.32 No	1.008	Thermal Discharging
SLP095	24	'8371492_/_385570899'	10	10	10	1.008	10	10	5.32 No	1.008	Thermal Discharging
SLP095	25	'8371493_/_8371490'	10	10	10	1.008	10	10	5.32 No	1.008	Thermal Discharging
SLP095	26	'8423372_/_8423370'	10	10	10	1.008	10	10	5.32 No	1.008	Thermal Discharging
SLP095	27	'8688341_/_8688338'	10	10	10	1.008	10	10	5.32 No	1.008	Thermal Discharging
SLP095	28	'8064433_/_9001433'	10	10	10	1.008	10	10	5.32 No	1.008	Thermal Discharging
SLP095	29	'8064434_/_8064431'	10	10	10	1.008	10	10	5.32 No	1.008	Thermal Discharging
SLP095	30	'8688453_/_9001509_2'	10	10	10	1.008	10	10	5.32 No	1.008	Thermal Discharging
SLP095	31	'6056653_/_9001509_1'	10	10	10	1.008	10	10	5.32 No	1.008	Thermal Discharging
SLP095	32	'6056654_/_6056651'	10	10	10	1.008	10	10	5.32 No	1.008	Thermal Discharging
SLP095	33	'43838648_/_6056737'	10	10	10	1.008	10	10	5.32 No	1.008	Thermal Discharging
SLP095	34	'6056757_/_6056754'	10	10	10	1.008	10	10	5.32 No	1.008	Thermal Discharging
SLP095	35	'6056431_/_6056771'	10	10	10	1.008	10	10	5.32 No	1.008	Thermal Discharging
SLP095	36	'6056432_/_6056429'	10	10	10	1.008	10	10	5.32 No	1.008	Thermal Discharging
SLP095	37	'43837152_/_6056446'	10	10	10	1.008	10	10	5.32 No	1.008	Thermal Discharging
SLP095	38	'6056466_/_6056463'	10	10	10	1.008	10	10	5.32 No	1.008	Thermal Discharging
SLP095	39	'6056483_/_6056480'	10	10	10	1.008	10	10	5.32 No	1.008	Thermal Discharging
SLP095	40	'6056500_/_6056497'	10	10	10	1.008	10	10	5.32 No	1.008	Thermal Discharging
SLP095	41	'6055388_/_6056514'	10	10	10	1.008	10	10	5.32 No	1.008	Thermal Discharging
SLP095	42	'6055371_/_6055386'	10	10	10	1.008	10	10	5.32 No	1.008	Thermal Discharging
SLP095	43	'43837165_/_6055369'	10	10	10	1.008	10	10	5.32 No	1.008	Thermal Discharging
SLP095	44	'6054631_/_6054628'	10	10	10	1.008	10	10	5.32 No	1.008	Thermal Discharging
SLP095	45	'6054692_/_6054689'	9.5	10	10	1.008	10	10	5.32 No	1.008	Thermal Discharging
SLP095	46	'6051861_/_6054706'	8.1	10	10	1.008	10	10	5.32 No	1.008	Thermal Discharging
SLP095	47	'6051862_/_6051859'	7.5	10	10	1.008	10	10	5.32 No	1.008	Thermal Discharging
SLP095	48	'6051879_/_6051876'	7.1	10	10	1.008	10	10	5.32 No	1.008	Thermal Discharging
SLP095	49	'6051777_/_6051893'	6.9	10	10	1.008	10	10	5.32 No	1.008	Thermal Discharging
SLP095	50	'43836252_/_6051788'	6.6	10	10	1.008	10	10	5.32 No	1.008	Thermal Discharging
SLP095	51	'6051778_/_6054479_1'	2.3	3.33	3.33	0.336	0.5	3.33	1.77 No	0.336	Thermal Discharging
SLP095	52	'6051808_/_43836254'	6.4	10	10	1.008	10	10	5.32 No	1.008	Thermal Discharging
SLP095	53	'6051828_/_6051825'	6.2	10	10	1.008	10	10	5.32 No	1.008	Thermal Discharging
SLP095	54	'6051845_/_6051842'	6	10	10	1.008	10	10	5.32 No	1.008	Thermal Discharging
SLP095	55	'122374779_/_122374777'	6.9	10	10	1.008	4.6	10	5.32 No	1.008	Thermal Discharging
SLP095	56	'6054860_/_6055009'	5.7	10	10	1.008	10	10	5.32 No	1.008	Thermal Discharging
SLP095	57	'6055032_/_6055029'	5.6	10	10	1.008	10	10	5.32 No	1.008	Thermal Discharging
SLP095	58	'6055049_/_6055046'	5.5	10	10	1.008	10	10	5.32 No	1.008	Thermal Discharging
SLP095	59	'6054902_/_6054912_1'	1.93	3.33	3.33	0.336	0.5	3.33	1.77 No	0.336	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SLP095	60	'6055069_/_6055066'		5.3	10	10	1.008	10	10	5.32 No	1.008 Thermal Discharging
SLP095	61	'6051762_/_6054857'		1.93	3.33	3.33	0.336	1	3.33	1.77 No	0.336 Thermal Discharging
SLP095	62	'6037292_/_6055083'		5.2	10	10	1.008	10	10	5.32 No	1.008 Thermal Discharging
SLP095	63	'122374829_/_122374827'		7.1	10	10	1.008	4.6	10	5.32 No	1.008 Thermal Discharging
SLP095	64	'6037293_/_6037290'		5.1	10	10	1.008	10	10	5.32 No	1.008 Thermal Discharging
SLP095	65	'6037310_/_6037307'		5	10	10	1.008	10	10	5.32 No	1.008 Thermal Discharging
SLP095	66	'50720745_/_6054479_2'		2.4	3.33	3.33	0.336	0.5	3.33	1.77 No	0.336 Thermal Discharging
SLP095	67	'6047040_/_6047037'		4.8	10	10	1.008	10	10	5.32 No	1.008 Thermal Discharging
SLP095	68	'6047057_/_6047054'		4.8	10	10	1.008	10	10	5.32 No	1.008 Thermal Discharging
SLP095	69	'6036716_/_6047071'		4.7	10	10	1.008	10	10	5.32 No	1.008 Thermal Discharging
SLP095	70	'43838866_/_6048487'		4.7	10	10	1.008	10	10	5.32 No	1.008 Thermal Discharging
SLP095	71	'6054873_/_6054912_2'		1.97	3.33	3.33	0.336	0.5	3.33	1.77 No	0.336 Thermal Discharging
SLP095	72	'6051761_/_6051759'		1.97	3.33	3.33	0.336	1	3.33	1.77 No	0.336 Thermal Discharging
SLP095	73	'6036715_/_6048469_2'		3.07	6.67	6.67	0.672	3.4	6.67	3.55 No	0.672 Thermal Discharging
SLP095	74	'6048509_/_43838868'		4.7	10	10	1.008	10	10	5.32 No	1.008 Thermal Discharging
SLP095	75	'7739466_/_7739463'		1.57	3.33	3.33	0.336	0.5	3.33	1.77 No	0.336 Thermal Discharging
SLP095	76	'122374854_/_122374852'		7.3	10	10	1.008	4.6	10	5.32 No	1.008 Thermal Discharging
SLP095	77	'6048510_/_6048507'		4.7	10	10	1.008	10	10	5.32 No	1.008 Thermal Discharging
SLP095	78	'374754540_/_122374877_2'		7.3	10	10	1.008	4.6	10	5.32 No	1.008 Thermal Discharging
SLP095	79	'43838890_/_6048587'		4.7	10	10	1.008	10	10	5.32 No	1.008 Thermal Discharging
SLP095	80	'6036970_/_43838892'		4.7	10	10	1.008	10	10	5.32 No	1.008 Thermal Discharging
SLP095	81	'49934516_/_7429180_1'		1.57	3.33	3.33	0.336	0.5	3.33	1.77 No	0.336 Thermal Discharging
SLP095	82	'7429183_/_7429180_2'		1.57	3.33	3.33	0.336	0.5	3.33	1.77 No	0.336 Thermal Discharging
SLP095	83	'6036971_/_6036968'		4.7	10	10	1.008	10	10	5.32 No	1.008 Thermal Discharging
SLP095	84	'122374879_/_122374877_1'		7.2	10	10	1.008	1.5	10	5.32 No	1.008 Thermal Discharging
SLP095	85	'6036326_/_6048469_1'		2.6	6.67	6.67	0.672	2.5	6.67	3.55 No	0.672 Thermal Discharging
SLP095	86	'43836473_/_6036985'		4.7	10	10	1.008	10	10	5.32 No	1.008 Thermal Discharging
SLP095	87	'43836435_/_43836437'		1.97	3.33	3.33	0.336	0.5	3.33	1.77 No	0.336 Thermal Discharging
SLP095	88	'8379593_/_8379590'		1.57	3.33	3.33	0.336	0.5	3.33	1.77 No	0.336 Thermal Discharging
SLP095	89	'6036769_/_43836475'		4.7	10	10	1.008	10	10	5.32 No	1.008 Thermal Discharging
SLP095	90	'6036058_/_6036832'		4.7	10	10	1.008	10	10	5.32 No	1.008 Thermal Discharging
SLP095	91	'6036370_/_43836521_1'		1.57	3.33	3.33	0.336	0.5	3.33	1.77 No	0.336 Thermal Discharging
SLP095	92	'43836424_/_6054925'		2	3.33	3.33	0.336	0.5	3.33	1.77 No	0.336 Thermal Discharging
SLP095	93	'6036815_/_6036812'		4.6	10	10	1.008	10	10	5.32 No	1.008 Thermal Discharging
SLP095	94	'6051749_/_6054870'		1.97	3.33	3.33	0.336	0.5	3.33	1.77 No	0.336 Thermal Discharging
SLP095	95	'6054390_/_6054387'		2.63	3.33	3.33	0.336	0.5	3.33	1.77 No	0.336 Thermal Discharging
SLP095	96	'6036046_/_6036043_2'		1.57	3.33	3.33	0.336	1.1	3.33	1.77 No	0.336 Thermal Discharging
SLP095	97	'43836265_/_122374902'		6.1	10	10	1.008	1.5	10	5.32 No	1.008 Thermal Discharging
SLP095	98	'6036786_/_6036849'		4.6	10	10	1.008	10	10	5.32 No	1.008 Thermal Discharging
SLP095	99	'7799001_/_7798999'		1.6	3.33	3.33	0.336	0.5	3.33	1.77 No	0.336 Thermal Discharging
SLP095	100	'6036869_/_6036866'		4.6	10	10	1.008	10	10	5.32 No	1.008 Thermal Discharging
SLP095	101	'6054888_/_6054886'		1.9	3.33	3.33	0.336	0.5	3.33	1.77 No	0.336 Thermal Discharging
SLP095	102	'6036886_/_6036883'		4.6	10	10	1.008	10	10	5.32 No	1.008 Thermal Discharging
SLP095	103	'6036903_/_6036900'		4.6	10	10	1.008	10	10	5.32 No	1.008 Thermal Discharging
SLP095	104	'8063754_/_8378976_2'		1.53	3.33	3.33	0.336	1.4	3.33	1.77 No	0.336 Thermal Discharging
SLP095	105	'6036045_/_6036043_1'		1.57	3.33	3.33	0.336	0.5	3.33	1.77 No	0.336 Thermal Discharging
SLP095	106	'71705845_/_43836521_2'		1.57	3.33	3.33	0.336	0.5	3.33	1.77 No	0.336 Thermal Discharging
SLP095	107	'6036920_/_6036917'		4.6	10	10	1.008	10	10	5.32 No	1.008 Thermal Discharging
SLP095	108	'6036785_/_6036783'		1.57	3.33	3.33	0.336	1.1	3.33	1.77 No	0.336 Thermal Discharging
SLP095	109	'7428683_/_504070931_2'		1.53	3.33	3.33	0.336	1.4	3.33	1.77 No	0.336 Thermal Discharging
SLP095	110	'43836412_/_6036323'		2.13	6.67	6.67	0.672	2.5	6.67	3.55 No	0.672 Thermal Discharging
SLP095	111	'8378994_/_9683754_2'		4.6	10	10	1.008	5.3	10	5.32 No	1.008 Thermal Discharging
SLP095	112	'6036756_/_6036951'		4.6	10	10	1.008	10	10	5.32 No	1.008 Thermal Discharging
SLP095	113	'6036802_/_6037039'		4.6	10	10	1.008	10	10	5.32 No	1.008 Thermal Discharging
SLP095	114	'71705834_/_71705814_1'		1.57	3.33	3.33	0.336	0.5	3.33	1.77 No	0.336 Thermal Discharging
SLP095	115	'274704359_/_6037076'		4.6	10	10	1.008	10	10	5.32 No	1.008 Thermal Discharging
SLP095	116	'6037004_/_274704361'		4.6	10	10	1.008	10	10	5.32 No	1.008 Thermal Discharging
SLP095	117	'8378978_/_8378976_1'		1.57	3.33	3.33	0.336	0.5	3.33	1.77 No	0.336 Thermal Discharging
SLP095	118	'7738994_/_8063735_2'		1.53	3.33	3.33	0.336	1.8	3.33	1.77 No	0.336 Thermal Discharging
SLP095	119	'6036703_/_6036754_1'		1.53	3.33	3.33	0.336	0.5	3.33	1.77 No	0.336 Thermal Discharging
SLP095	120	'283779959_/_6037002_1'		4.6	10	10	1.008	10	10	5.32 No	1.008 Thermal Discharging
SLP095	121	'8433117_/_8433114'		1.6	3.33	3.33	0.336	0.5	3.33	1.77 No	0.336 Thermal Discharging
SLP095	122	'6037005_/_6037002_2'		4.6	10	10	1.008	10	10	5.32 No	1.008 Thermal Discharging
SLP095	123	'6054941_/_43836426'		1.67	3.33	3.33	0.336	0.5	3.33	1.77 No	0.336 Thermal Discharging
SLP095	124	'6036657_/_6036799_2'		1.53	3.33	3.33	0.336	1.1	3.33	1.77 No	0.336 Thermal Discharging
SLP095	125	'43835840_/_6037056'		4.6	10	10	1.008	10	10	5.32 No	1.008 Thermal Discharging
SLP095	126	'504070927_/_504070931_1'		1.57	3.33	3.33	0.336	0.3	3.33	1.77 No	0.3 Element Fault
SLP095	127	'114350261_/_6036754_2'		1.57	3.33	3.33	0.336	0.5	3.33	1.77 No	0.336 Thermal Discharging
SLP095	128	'6067657_/_43835842'		4.6	10	10	1.008	10	10	5.32 No	1.008 Thermal Discharging
SLP095	129	'6036296_/_6036308'		1.93	6.67	6.67	0.672	2.5	6.67	3.55 No	0.672 Thermal Discharging
SLP095	130	'6036658_/_6036799_1'		1.57	3.33	3.33	0.336	0.5	3.33	1.77 No	0.336 Thermal Discharging
SLP095	131	'6066439_/_6067685'		4.6	10	10	1.008	10	10	5.32 No	1.008 Thermal Discharging
SLP095	132	'500721177_/_473779696_1'		1.53	3.33	3.33	0.336	0.5	3.33	1.77 No	0.336 Thermal Discharging
SLP095	133	'6051748_/_6051746'		1.5	3.33	3.33	0.336	0.5	3.33	1.77 No	0.336 Thermal Discharging
SLP095	134	'660273221_/_660273243'		1.57	3.33	3.33	0.336	0.5	3.33	1.77 No	0.336 Thermal Discharging
SLP095	135	'6067708_/_6067718_1'		1.53	3.33	3.33	0.336	0.5	3.33	1.77 No	0.336 Thermal Discharging
SLP095	136	'6066128_/_6067655'		4.6	10	10	1.008	5.2	10	5.32 No	1.008 Thermal Discharging
SLP095	137	'6066440_/_6066437'		4.6	10	10	1.008	10	10	5.32 No	1.008 Thermal Discharging
SLP095	138	'6066127_/_43839862_2'		4.6	10	10	1.008	5.2	10	5.32 No	1.008 Thermal Discharging
SLP095	139	'6066147_/_6066454'		4.7	10	10	1.008	10	10	5.32 No	1.008 Thermal Discharging
SLP095	140	'7488559_/_8433130'		1.43	3.33	3.33	0.336	0.5	3.33	1.77 No	0.336 Thermal Discharging
SLP095	141	'6066474_/_6066471'		4.7	10	10	1.008	10	10	5.32 No	1.008 Thermal Discharging
SLP095	142	'43821005_/_7104517'		1.6	3.33	3.33	0.336	0.5	3.33	1.77 No	0.336 Thermal Discharging
SLP095	143	'8063737_/_8063735_1'		1.57	3.33	3.33	0.336	0.3	3.33	1.77 No	0.3 Element Fault
SLP095	144	'6066190_/_6066488'		4.7	10	10	1.008	10	10	5.32 No	1.008 Thermal Discharging
SLP095	145	'6054954_/_6054951'		1.4	3.33	3.33	0.336	0.5	3.33	1.77 No	0.336 Thermal Discharging
SLP095	146	'7488558_/_7488556'		1.4	3.33	3.33	0.336	0.5	3.33	1.77 No	0.336 Thermal Discharging
SLP095	147	'6066189_/_6066200_1'		1.57	3.33	3.33	0.336	0.5	3.33	1.77 No	0.336 Thermal Discharging
SLP095	148	'7478488_/_8379108'		1.6	3.33	3.33	0.336	0.5	3.33	1.77 No	0.336 Thermal Discharging
SLP095	149	'6066508_/_6066505'		4.7	10	10	1.008	10	10	5.32 No	1.008 Thermal Discharging
SLP095	150	'43840304_/_6066145'		1.57	3.33	3.33	0.336	1.1	3.33	1.77 No	0.336 Thermal Discharging
SLP095	151	'6066525_/_6066522'		4.7	10	10	1.008	10	10	5.32 No	1.008 Thermal Discharging
SLP095	152	'6066148_/_6066158_1'		1.57	3.33	3.33	0.336	0.5	3.33	1.77 No	0.336 Thermal Discharging
SLP095	153	'43836400_/_43836402'		1.73	6.67	6.67	0.672	2.5	6.67	3.55 No	0.672 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SLP095	154	'43840348_/6066200_2'	1.57	3.33	3.33	0.336	0.5	3.33	1.77 No	0.336	Thermal Discharging
SLP095	155	'9683756_/9683754_1'	4.7	10	10	1.008	0.9	10	5.32 No	0.9	Element Fault
SLP095	156	'6066245_/6066539'	4.8	10	10	1.008	10	10	5.32 No	1.008	Thermal Discharging
SLP095	157	'43839860_/43839862_1'	4.6	10	10	1.008	5.2	10	5.32 No	1.008	Thermal Discharging
SLP095	158	'6036670_/6036668'	1.57	3.33	3.33	0.336	0.5	3.33	1.77 No	0.336	Thermal Discharging
SLP095	159	'6067632_/6067718_2'	1.57	3.33	3.33	0.336	0.5	3.33	1.77 No	0.336	Thermal Discharging
SLP095	160	'43836999_/6037174'	0.97	3.33	3.33	0.336	1.1	3.33	1.77 No	0.336	Thermal Discharging
SLP095	161	'6066244_/6066255_1'	1.6	3.33	3.33	0.336	0.5	3.33	1.77 No	0.336	Thermal Discharging
SLP095	162	'6066270_/6066556'	4.8	10	10	1.008	10	10	5.32 No	1.008	Thermal Discharging
SLP095	163	'7428682_/7428680'	1.6	3.33	3.33	0.336	0.3	3.33	1.77 No	0.3	Element Fault
SLP095	164	'6037096_/43837001_1'	0.97	3.33	3.33	0.336	0.6	3.33	1.77 No	0.336	Thermal Discharging
SLP095	165	'6066576_/6066573'	4.8	10	10	1.008	10	10	5.32 No	1.008	Thermal Discharging
SLP095	166	'6066312_/6066590'	4.9	10	10	1.008	10	10	5.32 No	1.008	Thermal Discharging
SLP095	167	'6066161_/6066158_2'	1.6	3.33	3.33	0.336	0.5	3.33	1.77 No	0.336	Thermal Discharging
SLP095	168	'6065025_/6066424'	1.6	3.33	3.33	0.336	1.1	3.33	1.77 No	0.336	Thermal Discharging
SLP095	169	'7737590_/8419652'	1.6	3.33	3.33	0.336	0.3	3.33	1.77 No	0.3	Element Fault
SLP095	170	'6066610_/6066607'	4.9	10	10	1.008	10	10	5.32 No	1.008	Thermal Discharging
SLP095	171	'6054969_/6054967'	1.23	3.33	3.33	0.336	0.5	3.33	1.77 No	0.336	Thermal Discharging
SLP095	172	'6036577_/6036574'	1.6	3.33	3.33	0.336	0.5	3.33	1.77 No	0.336	Thermal Discharging
SLP095	173	'6066630_/6066627'	4.9	10	10	1.008	10	10	5.32 No	1.008	Thermal Discharging
SLP095	174	'6066219_/6066216'	1.6	3.33	3.33	0.336	0.5	3.33	1.77 No	0.336	Thermal Discharging
SLP095	175	'43840370_/6066255_2'	1.6	3.33	3.33	0.336	0.5	3.33	1.77 No	0.336	Thermal Discharging
SLP095	176	'6066647_/6066644'	4.9	10	10	1.008	10	10	5.32 No	1.008	Thermal Discharging
SLP095	177	'5965515_/5965512'	1.4	3.33	3.33	0.336	0.5	3.33	1.77 No	0.336	Thermal Discharging
SLP095	178	'6066664_/6066661'	5	10	10	1.008	10	10	5.32 No	1.008	Thermal Discharging
SLP095	179	'6068145_/6068143'	1.67	3.33	3.33	0.336	0.5	3.33	1.77 No	0.336	Thermal Discharging
SLP095	180	'43839873_/6066407'	4.6	10	10	1.008	5.2	10	5.32 No	1.008	Thermal Discharging
SLP095	181	'57719971_/20425_1'	1.37	3.33	3.33	0.336	0.3	3.33	1.77 No	0.3	Element Fault
SLP095	182	'6036266_/6036278'	1.53	6.67	6.67	0.672	2.5	6.67	3.55 No	0.672	Thermal Discharging
SLP095	183	'49934335_/6068185_1'	1.67	3.33	3.33	0.336	0.5	3.33	1.77 No	0.336	Thermal Discharging
SLP095	184	'6067631_/6067629'	1.57	3.33	3.33	0.336	0.5	3.33	1.77 No	0.336	Thermal Discharging
SLP095	185	'6068188_/6068185_2'	1.67	3.33	3.33	0.336	0.5	3.33	1.77 No	0.336	Thermal Discharging
SLP095	186	'6066681_/6066678'	5	10	10	1.008	10	10	5.32 No	1.008	Thermal Discharging
SLP095	187	'6054983_/6054980'	1.17	3.33	3.33	0.336	0.5	3.33	1.77 No	0.336	Thermal Discharging
SLP095	188	'43840403_/6066268'	1.63	3.33	3.33	0.336	1.1	3.33	1.77 No	0.336	Thermal Discharging
SLP095	189	'6066698_/6066695'	5	10	10	1.008	10	10	5.32 No	1.008	Thermal Discharging
SLP095	190	'90249916_/90249922'	1.17	3.33	3.33	0.336	0.5	3.33	1.77 No	0.336	Thermal Discharging
SLP095	191	'8687701_/8687698'	1.6	3.33	3.33	0.336	0.3	3.33	1.77 No	0.3	Element Fault
SLP095	192	'8688436_/8688434_1'	1.17	3.33	3.33	0.336	0.3	3.33	1.77 No	0.3	Element Fault
SLP095	193	'6066715_/6066712'	5	10	10	1.008	10	10	5.32 No	1.008	Thermal Discharging
SLP095	194	'90250011_/90250022'	1.17	3.33	3.33	0.336	0.5	3.33	1.77 No	0.336	Thermal Discharging
SLP095	195	'6066271_/6066281_1'	1.63	3.33	3.33	0.336	0.5	3.33	1.77 No	0.336	Thermal Discharging
SLP095	196	'6068174_/6068201'	1.67	3.33	3.33	0.336	0.5	3.33	1.77 No	0.336	Thermal Discharging
SLP095	197	'90249951_/90250036'	1.13	3.33	3.33	0.336	0.5	3.33	1.77 No	0.336	Thermal Discharging
SLP095	198	'6037095_/43837001_2'	0.97	3.33	3.33	0.336	0.6	3.33	1.77 No	0.336	Thermal Discharging
SLP095	199	'7737589_/7737587'	1.43	3.33	3.33	0.336	0.3	3.33	1.77 No	0.3	Element Fault
SLP095	200	'6036251_/6036263'	1.47	6.67	6.67	0.672	2.5	6.67	3.55 No	0.672	Thermal Discharging
SLP095	201	'43840230_/6068159'	1.67	3.33	3.33	0.336	0.5	3.33	1.77 No	0.336	Thermal Discharging
SLP095	202	'57720011_/20425_2'	1.27	3.33	3.33	0.336	0.3	3.33	1.77 No	0.3	Element Fault
SLP095	203	'6067675_/6067672'	1.6	3.33	3.33	0.336	0.5	3.33	1.77 No	0.336	Thermal Discharging
SLP095	204	'6068162_/43840232'	1.67	3.33	3.33	0.336	0.5	3.33	1.77 No	0.336	Thermal Discharging
SLP095	205	'43840315_/6066174'	1.6	3.33	3.33	0.336	0.5	3.33	1.77 No	0.336	Thermal Discharging
SLP095	206	'43840337_/6066310'	1.63	3.33	3.33	0.336	0.9	3.33	1.77 No	0.336	Thermal Discharging
SLP095	207	'6054998_/6054996'	1.1	3.33	3.33	0.336	0.5	3.33	1.77 No	0.336	Thermal Discharging
SLP095	208	'43840359_/6066229'	1.63	3.33	3.33	0.336	0.5	3.33	1.77 No	0.336	Thermal Discharging
SLP095	209	'6066313_/6066326_1'	1.67	3.33	3.33	0.336	0.5	3.33	1.77 No	0.336	Thermal Discharging
SLP095	210	'6064940_/6064954'	4.5	10	10	1.008	5.1	10	5.32 No	1.008	Thermal Discharging
SLP095	211	'43836377_/43836379'	1.4	6.67	6.67	0.672	2.5	6.67	3.55 No	0.672	Thermal Discharging
SLP095	212	'43840392_/6066281_2'	1.67	3.33	3.33	0.336	0.5	3.33	1.77 No	0.336	Thermal Discharging
SLP095	213	'43840694_/6068172'	1.7	3.33	3.33	0.336	0.5	3.33	1.77 No	0.336	Thermal Discharging
SLP095	214	'43839978_/6065023'	1.67	3.33	3.33	0.336	1.1	3.33	1.77 No	0.336	Thermal Discharging
SLP095	215	'6037109_/6037106'	0.97	3.33	3.33	0.336	0.6	3.33	1.77 No	0.336	Thermal Discharging
SLP095	216	'7490798_/71705814_2'	1.1	3.33	3.33	0.336	0.5	3.33	1.77 No	0.336	Thermal Discharging
SLP095	217	'6037190_/6037200'	0.97	3.33	3.33	0.336	0.6	3.33	1.77 No	0.336	Thermal Discharging
SLP095	218	'473779680_/473779696_2'	1.63	3.33	3.33	0.336	0.5	3.33	1.77 No	0.336	Thermal Discharging
SLP095	219	'7105283_/7105281'	1.63	3.33	3.33	0.336	0.5	3.33	1.77 No	0.336	Thermal Discharging
SLP095	220	'6020010_/7105063'	1.63	3.33	3.33	0.336	0.5	3.33	1.77 No	0.336	Thermal Discharging
SLP095	221	'43840381_/6066937'	1.67	3.33	3.33	0.336	0.5	3.33	1.77 No	0.336	Thermal Discharging
SLP095	222	'6019981_/43840317'	1.63	3.33	3.33	0.336	0.5	3.33	1.77 No	0.336	Thermal Discharging
SLP095	223	'43836585_/6036587'	1.2	3.33	3.33	0.336	0.5	3.33	1.77 No	0.336	Thermal Discharging
SLP095	224	'6064923_/6064937'	4	10	10	1.008	5.1	10	5.32 No	1.008	Thermal Discharging
SLP095	225	'8688437_/8688434_2'	0.97	3.33	3.33	0.336	0.3	3.33	1.77 No	0.3	Element Fault
SLP095	226	'6066329_/6066326_2'	1.67	3.33	3.33	0.336	0.5	3.33	1.77 No	0.336	Thermal Discharging
SLP095	227	'8379062_/8687714'	1.67	3.33	3.33	0.336	0.3	3.33	1.77 No	0.3	Element Fault
SLP095	228	'9068369_/9631651'	0.97	3.33	3.33	0.336	0.5	3.33	1.77 No	0.336	Thermal Discharging
SLP095	229	'6068133_/43840696'	1.73	3.33	3.33	0.336	0.5	3.33	1.77 No	0.336	Thermal Discharging
SLP095	230	'6036217_/6036230'	1.33	6.67	6.67	0.672	2.5	6.67	3.55 No	0.672	Thermal Discharging
SLP095	231	'6066300_/6066297'	1.7	3.33	3.33	0.336	0.5	3.33	1.77 No	0.336	Thermal Discharging
SLP095	232	'43837010_/6037119'	0.97	3.33	3.33	0.336	0.6	3.33	1.77 No	0.336	Thermal Discharging
SLP095	233	'7490814_/7490812_1'	0.87	3.33	3.33	0.336	0.5	3.33	1.77 No	0.336	Thermal Discharging
SLP095	234	'7478489_/7478486'	1.1	3.33	3.33	0.336	0.5	3.33	1.77 No	0.336	Thermal Discharging
SLP095	235	'6037189_/6037187'	0.97	3.33	3.33	0.336	0.6	3.33	1.77 No	0.336	Thermal Discharging
SLP095	236	'8379063_/8379060'	1.57	3.33	3.33	0.336	0.3	3.33	1.77 No	0.3	Element Fault
SLP095	237	'8686455_/8686452'	1.07	3.33	3.33	0.336	0.5	3.33	1.77 No	0.336	Thermal Discharging
SLP095	238	'6020011_/6020008'	1.67	3.33	3.33	0.336	0.5	3.33	1.77 No	0.336	Thermal Discharging
SLP095	239	'6064906_/6064920'	3.7	10	10	1.008	5.1	10	5.32 No	1.008	Thermal Discharging
SLP095	240	'9004634_/9004631'	1.03	3.33	3.33	0.336	0.5	3.33	1.77 No	0.336	Thermal Discharging
SLP095	241	'6036201_/6036214'	1.2	6.67	6.67	0.672	2.5	6.67	3.55 No	0.672	Thermal Discharging
SLP095	242	'43827915_/6019979'	1.6	3.33	3.33	0.336	0.5	3.33	1.77 No	0.336	Thermal Discharging
SLP095	243	'6036603_/6036600'	1.07	3.33	3.33	0.336	0.5	3.33	1.77 No	0.336	Thermal Discharging
SLP095	244	'43839989_/6064971'	1.7	3.33	3.33	0.336	1.1	3.33	1.77 No	0.336	Thermal Discharging
SLP095	245	'7490799_/7490796'	0.93	3.33	3.33	0.336	0.5	3.33	1.77 No	0.336	Thermal Discharging
SLP095	246	'6036343_/6036341'	0.63	3.33	3.33	0.336	1	3.33	1.77 No	0.336	Thermal Discharging
SLP095	247	'6020340_/7105095'	1.77	3.33	3.33	0.336	0.5	3.33	1.77 No	0.336	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SLP095	248	'8687733_/_8687730'		1.47	3.33	3.33	0.336	0.3	3.33	1.77 No	0.3 Element Fault
SLP095	249	'153866116_/_6036198_2'		0.6	3.33	3.33	0.336	1.1	3.33	1.77 No	0.336 Thermal Discharging
SLP095	250	'43837021_/_43837012'		0.97	3.33	3.33	0.336	0.6	3.33	1.77 No	0.336 Thermal Discharging
SLP095	251	'6020110_/_7105079'		1.73	3.33	3.33	0.336	0.5	3.33	1.77 No	0.336 Thermal Discharging
SLP095	252	'473779725_/_473779741'		1.47	3.33	3.33	0.336	0.5	3.33	1.77 No	0.336 Thermal Discharging
SLP095	253	'9318938_/_9629487'		1.03	3.33	3.33	0.336	0.3	3.33	1.77 No	0.3 Element Fault
SLP095	254	'43839886_/_6064903'		3.4	10	10	1.008	5.1	10	5.32 No	1.008 Thermal Discharging
SLP095	255	'6020027_/_6020024'		1.73	3.33	3.33	0.336	0.5	3.33	1.77 No	0.336 Thermal Discharging
SLP095	256	'6037232_/_6037245'		0.97	3.33	3.33	0.336	0.6	3.33	1.77 No	0.336 Thermal Discharging
SLP095	257	'6019995_/_6019992'		1.43	3.33	3.33	0.336	0.5	3.33	1.77 No	0.336 Thermal Discharging
SLP095	258	'43836574_/_6036613'		0.97	3.33	3.33	0.336	0.5	3.33	1.77 No	0.336 Thermal Discharging
SLP095	259	'43840326_/_6066339'		1.67	3.33	3.33	0.336	0.5	3.33	1.77 No	0.336 Thermal Discharging
SLP095	260	'43833203_/_7105147'		1.67	3.33	3.33	0.336	0.5	3.33	1.77 No	0.336 Thermal Discharging
SLP095	261	'345100022_/_345100044'		0.83	3.33	3.33	0.336	0.5	3.33	1.77 No	0.336 Thermal Discharging
SLP095	262	'6020341_/_6020338'		1.73	3.33	3.33	0.336	0.5	3.33	1.77 No	0.336 Thermal Discharging
SLP095	263	'9318923_/_9318920'		0.9	3.33	3.33	0.336	0.5	3.33	1.77 No	0.336 Thermal Discharging
SLP095	264	'473779767_/_473779783'		1.33	3.33	3.33	0.336	0.5	3.33	1.77 No	0.336 Thermal Discharging
SLP095	265	'43840000_/_6064984'		1.6	3.33	3.33	0.336	1.1	3.33	1.77 No	0.336 Thermal Discharging
SLP095	266	'6037260_/_6037258'		0.57	3.33	3.33	0.336	1	3.33	1.77 No	0.336 Thermal Discharging
SLP095	267	'6064872_/_6064886'		3.1	10	10	1.008	5.1	10	5.32 No	1.008 Thermal Discharging
SLP095	268	'6037231_/_6037229'		1	3.33	3.33	0.336	0.6	3.33	1.77 No	0.336 Thermal Discharging
SLP095	269	'6037148_/_43837023'		1	3.33	3.33	0.336	0.6	3.33	1.77 No	0.336 Thermal Discharging
SLP095	270	'9000851_/_9000849_1'		1	3.33	3.33	0.336	0.3	3.33	1.77 No	0.3 Element Fault
SLP095	271	'43827970_/_6020108'		1.57	3.33	3.33	0.336	0.5	3.33	1.77 No	0.336 Thermal Discharging
SLP095	272	'5965601_/_9318936'		0.9	3.33	3.33	0.336	0.3	3.33	1.77 No	0.3 Element Fault
SLP095	273	'43821027_/_5965599'		0.9	3.33	3.33	0.336	0.3	3.33	1.77 No	0.3 Element Fault
SLP095	274	'6020357_/_6020354'		1.57	3.33	3.33	0.336	0.5	3.33	1.77 No	0.336 Thermal Discharging
SLP095	275	'7428714_/_9000849_2'		1	3.33	3.33	0.336	0.3	3.33	1.77 No	0.3 Element Fault
SLP095	276	'43833476_/_6021032'		1.27	3.33	3.33	0.336	0.5	3.33	1.77 No	0.336 Thermal Discharging
SLP095	277	'43827937_/_6020037'		1.47	3.33	3.33	0.336	0.5	3.33	1.77 No	0.336 Thermal Discharging
SLP095	278	'6064855_/_6064869'		2.9	10	10	1.008	5.1	10	5.32 No	1.008 Thermal Discharging
SLP095	279	'44785741_/_7105131'		1.37	3.33	3.33	0.336	0.5	3.33	1.77 No	0.336 Thermal Discharging
SLP095	280	'6064999_/_43840002'		1.4	3.33	3.33	0.336	1.1	3.33	1.77 No	0.336 Thermal Discharging
SLP095	281	'6036090_/_6036198_1'		0.6	3.33	3.33	0.336	0.7	3.33	1.77 No	0.336 Thermal Discharging
SLP095	282	'6064838_/_6064852'		2.9	10	10	1.008	5	10	5.32 No	1.008 Thermal Discharging
SLP095	283	'8122167_/_8751156_1'		0.6	3.33	3.33	0.336	0.7	3.33	1.77 No	0.336 Thermal Discharging
SLP095	284	'6036629_/_43836576'		0.83	3.33	3.33	0.336	0.5	3.33	1.77 No	0.336 Thermal Discharging
SLP095	285	'7150947_/_7150944_1'		0.6	3.33	3.33	0.336	0.5	3.33	1.77 No	0.336 Thermal Discharging
SLP095	286	'43827959_/_6020660'		1.37	3.33	3.33	0.336	0.5	3.33	1.77 No	0.336 Thermal Discharging
SLP095	287	'43821039_/_43821029'		0.8	3.33	3.33	0.336	0.3	3.33	1.77 No	0.3 Element Fault
SLP095	288	'45279410_/_6021045'		1.17	3.33	3.33	0.336	0.5	3.33	1.77 No	0.336 Thermal Discharging
SLP095	289	'43828113_/_6020367'		1.4	3.33	3.33	0.336	0.5	3.33	1.77 No	0.336 Thermal Discharging
SLP095	290	'6036091_/_6036088'		0.63	3.33	3.33	0.336	0.7	3.33	1.77 No	0.336 Thermal Discharging
SLP095	291	'6036730_/_6037158'		1	3.33	3.33	0.336	0.6	3.33	1.77 No	0.336 Thermal Discharging
SLP095	292	'6066396_/_6066394'		1	3.33	3.33	0.336	1.1	3.33	1.77 No	0.336 Thermal Discharging
SLP095	293	'518510299_/_518510267_1'		0.63	3.33	3.33	0.336	0.7	3.33	1.77 No	0.336 Thermal Discharging
SLP095	294	'43840022_/_6065146'		1	3.33	3.33	0.336	1.1	3.33	1.77 No	0.336 Thermal Discharging
SLP095	295	'6020124_/_6020121'		1.3	3.33	3.33	0.336	0.5	3.33	1.77 No	0.336 Thermal Discharging
SLP095	296	'6065149_/_6065338_1'		1	3.33	3.33	0.336	0.3	3.33	1.77 No	0.3 Element Fault
SLP095	297	'43839899_/_6064835'		2.7	10	10	1.008	5	10	5.32 No	1.008 Thermal Discharging
SLP095	298	'6020053_/_6020050'		1.27	3.33	3.33	0.336	0.5	3.33	1.77 No	0.336 Thermal Discharging
SLP095	299	'115070772_/_7150944_2'		0.63	3.33	3.33	0.336	0.5	3.33	1.77 No	0.336 Thermal Discharging
SLP095	300	'6036642_/_6036639'		0.77	3.33	3.33	0.336	0.5	3.33	1.77 No	0.336 Thermal Discharging
SLP095	301	'5965544_/_5965541'		0.77	3.33	3.33	0.336	0.3	3.33	1.77 No	0.3 Element Fault
SLP095	302	'43840033_/_6065338_2'		1	3.33	3.33	0.336	0.3	3.33	1.77 No	0.3 Element Fault
SLP095	303	'45082039_/_6020452'		1.23	3.33	3.33	0.336	0.5	3.33	1.77 No	0.336 Thermal Discharging
SLP095	304	'43840011_/_6064997'		1.17	3.33	3.33	0.336	1.1	3.33	1.77 No	0.336 Thermal Discharging
SLP095	305	'6064804_/_6064818'		2.5	10	10	1.008	5	10	5.32 No	1.008 Thermal Discharging
SLP095	306	'6020095_/_6020092'		1.17	3.33	3.33	0.336	0.5	3.33	1.77 No	0.336 Thermal Discharging
SLP095	307	'43836394_/_6036072'		0.63	3.33	3.33	0.336	0.5	3.33	1.77 No	0.336 Thermal Discharging
SLP095	308	'43827981_/_6020137'		1.17	3.33	3.33	0.336	0.5	3.33	1.77 No	0.336 Thermal Discharging
SLP095	309	'6036477_/_7105317'		1	3.33	3.33	0.336	1.1	3.33	1.77 No	0.336 Thermal Discharging
SLP095	310	'6036464_/_6036461_2'		1	3.33	3.33	0.336	1.1	3.33	1.77 No	0.336 Thermal Discharging
SLP095	311	'66570631_/_66570634'		1	3.33	3.33	0.336	0.3	3.33	1.77 No	0.3 Element Fault
SLP095	312	'66570667_/_66570706'		1	3.33	3.33	0.336	0.3	3.33	1.77 No	0.3 Element Fault
SLP095	313	'6065354_/_6065351'		1	3.33	3.33	0.336	0.3	3.33	1.77 No	0.3 Element Fault
SLP095	314	'6064787_/_6064801'		2.4	10	10	1.008	5	10	5.32 No	1.008 Thermal Discharging
SLP095	315	'6036490_/_6036487'		1	3.33	3.33	0.336	1	3.33	1.77 No	0.336 Thermal Discharging
SLP095	316	'6036107_/_6036104'		0.63	3.33	3.33	0.336	0.7	3.33	1.77 No	0.336 Thermal Discharging
SLP095	317	'8751159_/_8751156_2'		0.63	3.33	3.33	0.336	0.7	3.33	1.77 No	0.336 Thermal Discharging
SLP095	318	'43827948_/_6020066'		1.1	3.33	3.33	0.336	0.5	3.33	1.77 No	0.336 Thermal Discharging
SLP095	319	'43840016_/_43840013'		1.07	3.33	3.33	0.336	1.1	3.33	1.77 No	0.336 Thermal Discharging
SLP095	320	'6065915_/_6065912'		0.8	3.33	3.33	0.336	1.1	3.33	1.77 No	0.336 Thermal Discharging
SLP095	321	'45279384_/_6020150'		1.07	3.33	3.33	0.336	0.5	3.33	1.77 No	0.336 Thermal Discharging
SLP095	322	'5965560_/_5965557'		0.67	3.33	3.33	0.336	0.3	3.33	1.77 No	0.3 Element Fault
SLP095	323	'43836541_/_6036728'		0.9	3.33	3.33	0.336	0.6	3.33	1.77 No	0.336 Thermal Discharging
SLP095	324	'6036451_/_6036461_1'		0.97	3.33	3.33	0.336	0.2	3.33	1.77 No	0.2 Element Fault
SLP095	325	'9001280_/_9695246'		0.63	3.33	3.33	0.336	0.7	3.33	1.77 No	0.336 Thermal Discharging
SLP095	326	'6064770_/_6064784'		2.3	10	10	1.008	5	10	5.32 No	1.008 Thermal Discharging
SLP095	327	'5965573_/_5965570'		0.63	3.33	3.33	0.336	0.3	3.33	1.77 No	0.3 Element Fault
SLP095	328	'433068050_/_433068010_1'		0.93	3.33	3.33	0.336	0.1	3.33	1.77 No	0.1 Element Fault
SLP095	329	'6065327_/_6065364'		1	3.33	3.33	0.336	0.3	3.33	1.77 No	0.3 Element Fault
SLP095	330	'6065328_/_6065403_1'		1	3.33	3.33	0.336	0.2	3.33	1.77 No	0.2 Element Fault
SLP095	331	'6036506_/_6036503'		0.93	3.33	3.33	0.336	1	3.33	1.77 No	0.336 Thermal Discharging
SLP095	332	'7738961_/_518510267_2'		0.63	3.33	3.33	0.336	0.7	3.33	1.77 No	0.336 Thermal Discharging
SLP095	333	'6065405_/_6065403_2'		1	3.33	3.33	0.336	0.2	3.33	1.77 No	0.2 Element Fault
SLP095	334	'6065054_/_6065403_3'		1	3.33	3.33	0.336	0.2	3.33	1.77 No	0.2 Element Fault
SLP095	335	'6064753_/_6064767'		2.2	10	10	1.008	5	10	5.32 No	1.008 Thermal Discharging
SLP095	336	'6065315_/_6065429'		1	3.33	3.33	0.336	0.2	3.33	1.77 No	0.2 Element Fault
SLP095	337	'7738978_/_433068010_2'		0.9	3.33	3.33	0.336	0.1	3.33	1.77 No	0.1 Element Fault
SLP095	338	'6020194_/_6020079'		0.97	3.33	3.33	0.336	0.5	3.33	1.77 No	0.336 Thermal Discharging
SLP095	339	'43836486_/_6036120'		0.63	3.33	3.33	0.336	0.7	3.33	1.77 No	0.336 Thermal Discharging
SLP095	340	'43821050_/_5965583'		0.6	3.33	3.33	0.336	0.3	3.33	1.77 No	0.3 Element Fault
SLP095	341	'409531018_/_6020299_1'		0.97	3.33	3.33	0.336	0.3	3.33	1.77 No	0.3 Element Fault

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
											VSR (MW)	Limiting Threshold
SLP095	342	'6036438_/414668476'		0.9	3.33	3.33	0.336	0.2	3.33	1.77 No	0.2	Element Fault
SLP095	343	'466088562_/459101241_2'		0.87	3.33	3.33	0.336	0.2	3.33	1.77 No	0.2	Element Fault
SLP095	344	'414668451_/414668395_1'		0.87	3.33	3.33	0.336	0.1	3.33	1.77 No	0.1	Element Fault
SLP095	345	'43839791_/6064750'		2.1	10	10	1.008	5	10	5.32 No	1.008	Thermal Discharging
SLP095	346	'6065380_/6065377'		1	3.33	3.33	0.336	0.3	3.33	1.77 No	0.3	Element Fault
SLP095	347	'6020195_/6020192'		0.93	3.33	3.33	0.336	0.5	3.33	1.77 No	0.336	Thermal Discharging
SLP095	348	'6036519_/6036516'		0.87	3.33	3.33	0.336	0.2	3.33	1.77 No	0.2	Element Fault
SLP095	349	'6065314_/43839969'		0.97	3.33	3.33	0.336	0.2	3.33	1.77 No	0.2	Element Fault
SLP095	350	'6065055_/6065052'		0.97	3.33	3.33	0.336	0.2	3.33	1.77 No	0.2	Element Fault
SLP095	351	'43828025_/6020299_2'		0.9	3.33	3.33	0.336	0.3	3.33	1.77 No	0.3	Element Fault
SLP095	352	'6036383_/43836543'		0.8	3.17	3.33	0.336	0.6	3.33	1.77 No	0.336	Thermal Discharging
SLP095	353	'6064720_/6064730'		2.1	9.7	10	1.008	5	10	5.32 No	1.008	Thermal Discharging
SLP095	354	'43836552_/6036558'		0.8	3.17	3.33	0.336	0.6	3.33	1.77 No	0.336	Thermal Discharging
SLP095	355	'5965586_/43821052'		0.57	3.3	3.33	0.336	0.3	3.33	1.77 No	0.3	Element Fault
SLP095	356	'6036561_/43836554'		0.8	3.17	3.33	0.336	0.3	3.33	1.77 No	0.3	Element Fault
SLP095	357	'43827870_/7104533'		0.57	3.2	3.33	0.336	0.3	3.33	1.77 No	0.3	Element Fault
SLP095	358	'459101464_/459101241_1'		0.83	3.33	3.33	0.336	0.1	3.33	1.77 No	0.1	Element Fault
SLP095	359	'6020276_/6020286'		0.87	3.33	3.33	0.336	0.3	3.33	1.77 No	0.3	Element Fault
SLP095	360	'6020208_/6020205'		0.87	3.33	3.33	0.336	0.5	3.33	1.77 No	0.336	Thermal Discharging
SLP095	361	'6065393_/6065390_2'		0.93	3.33	3.33	0.336	0.3	3.33	1.77 No	0.3	Element Fault
SLP095	362	'6065471_/6065390_1'		0.93	3.33	3.33	0.336	0.1	3.33	1.77 No	0.1	Element Fault
SLP095	363	'381624981_/381624978'		0.93	3.33	3.33	0.336	0.2	3.33	1.77 No	0.2	Element Fault
SLP095	364	'6065191_/6065188'		1.33	6.27	6.67	0.672	3.3	6.67	3.55 No	0.672	Thermal Discharging
SLP095	365	'6036532_/6036529'		0.8	3.3	3.33	0.336	0.2	3.33	1.77 No	0.2	Element Fault
SLP095	366	'6064719_/6064717'		0.7	3.07	3.33	0.336	1.2	3.33	1.77 No	0.336	Thermal Discharging
SLP095	367	'43839912_/6065976'		0.9	3.23	3.33	0.336	0.2	3.33	1.77 No	0.2	Element Fault
SLP095	368	'414668375_/414668395_2'		0.8	3.2	3.33	0.336	0.1	3.33	1.77 No	0.1	Element Fault
SLP095	369	'6065458_/6065468'		0.9	3.2	3.33	0.336	0.1	3.33	1.77 No	0.1	Element Fault
SLP095	370	'7739482_/9001277'		0.63	2.97	3.33	0.336	0.7	3.33	1.77 No	0.336	Thermal Discharging
SLP095	371	'6065083_/6065484'		0.9	3.2	3.33	0.336	0.1	3.33	1.77 No	0.1	Element Fault
SLP095	372	'6065209_/6065206'		1.33	6.07	6.67	0.672	3.3	6.67	3.55 No	0.672	Thermal Discharging
SLP095	373	'6020263_/6020273'		0.83	3.33	3.33	0.336	0.3	3.33	1.77 No	0.3	Element Fault
SLP095	374	'466088568_/459101303_1'		0.67	2.43	3.33	0.336	0.3	3.33	1.77 No	0.3	Element Fault
SLP095	375	'8379047_/8379044'		0.77	2.93	3.33	0.336	0.3	3.33	1.77 No	0.3	Element Fault
SLP095	376	'6065224_/6065221'		1.33	5.93	6.67	0.672	3.3	6.67	3.55 No	0.672	Thermal Discharging
SLP095	377	'7738977_/7738975'		0.77	3.07	3.33	0.336	0.1	3.33	1.77 No	0.1	Element Fault
SLP095	378	'6036136_/43836488'		0.63	2.8	3.33	0.336	0.7	3.33	1.77 No	0.336	Thermal Discharging
SLP095	379	'43828014_/6020218'		0.83	3.33	3.33	0.336	0.5	3.33	1.77 No	0.336	Thermal Discharging
SLP095	380	'6065457_/43839958'		0.87	3.03	3.33	0.336	0.1	3.33	1.77 No	0.1	Element Fault
SLP095	381	'43840647_/6067863'		1.33	5.8	6.67	0.672	3.3	6.67	3.55 No	0.672	Thermal Discharging
SLP095	382	'7738946_/479030172'		0.63	2.87	3.33	0.336	0.7	3.33	1.77 No	0.336	Thermal Discharging
SLP095	383	'43839583_/43839585'		0.7	2.87	3.33	0.336	1.2	3.33	1.77 No	0.336	Thermal Discharging
SLP095	384	'6065071_/6065068'		0.87	3	3.33	0.336	0.2	3.33	1.77 No	0.2	Element Fault
SLP095	385	'7739481_/7739479'		0.63	2.8	3.33	0.336	0.7	3.33	1.77 No	0.336	Thermal Discharging
SLP095	386	'43828036_/43828038'		0.8	3.2	3.33	0.336	0.3	3.33	1.77 No	0.3	Element Fault
SLP095	387	'43839945_/6065081'		0.87	2.97	3.33	0.336	0.1	3.33	1.77 No	0.1	Element Fault
SLP095	388	'6049195_/6049192'		0.7	2.7	3.33	0.336	0.6	3.33	1.77 No	0.336	Thermal Discharging
SLP095	389	'6065241_/6067848'		1.27	5.53	6.67	0.672	3.3	6.67	3.55 No	0.672	Thermal Discharging
SLP095	390	'9320873_/9320870'		0.73	2.73	3.33	0.336	0.3	3.33	1.77 No	0.3	Element Fault
SLP095	391	'7104536_/43827872'		0.5	2.7	3.33	0.336	0.2	3.33	1.77 No	0.2	Element Fault
SLP095	392	'43828019_/43828016'		0.77	3.03	3.33	0.336	0.5	3.33	1.77 No	0.336	Thermal Discharging
SLP095	393	'43840603_/6067616'		0.8	2.8	3.33	0.336	0.2	3.33	1.77 No	0.2	Element Fault
SLP095	394	'6065930_/6065928'		0.7	2.67	3.33	0.336	1.2	3.33	1.77 No	0.336	Thermal Discharging
SLP095	395	'6065097_/43839947'		0.8	2.77	3.33	0.336	0.1	3.33	1.77 No	0.1	Element Fault
SLP095	396	'7739497_/7739495'		0.63	2.6	3.33	0.336	0.7	3.33	1.77 No	0.336	Thermal Discharging
SLP095	397	'6020249_/6020247'		0.73	2.93	3.33	0.336	0.3	3.33	1.77 No	0.3	Element Fault
SLP095	398	'7743030_/433068069'		0.7	2.7	3.33	0.336	0.1	3.33	1.77 No	0.1	Element Fault
SLP095	399	'8992625_/8992639'		0.47	2.57	3.33	0.336	0.2	3.33	1.77 No	0.2	Element Fault
SLP095	400	'43836497_/6036146'		0.63	2.43	3.33	0.336	0.7	3.33	1.77 No	0.336	Thermal Discharging
SLP095	401	'6065110_/6065107'		0.77	2.63	3.33	0.336	0.1	3.33	1.77 No	0.1	Element Fault
SLP095	402	'6066384_/6066381'		0.7	2.5	3.33	0.336	1.2	3.33	1.77 No	0.336	Thermal Discharging
SLP095	403	'6067824_/43840605'		0.77	2.6	3.33	0.336	0.2	3.33	1.77 No	0.2	Element Fault
SLP095	404	'7430721_/7430718_2'		0.7	2.5	3.33	0.336	1.2	3.33	1.77 No	0.336	Thermal Discharging
SLP095	405	'5695983_/56959958'		1.2	5	6.67	0.672	3.1	6.67	3.55 No	0.672	Thermal Discharging
SLP095	406	'8381375_/57260490_2'		0.7	2.5	3.33	0.336	1.2	3.33	1.77 No	0.336	Thermal Discharging
SLP095	407	'6036395_/6049208'		0.63	2.4	3.33	0.336	0.6	3.33	1.77 No	0.336	Thermal Discharging
SLP095	408	'7738281_/8992623'		0.43	2.47	3.33	0.336	0.2	3.33	1.77 No	0.2	Element Fault
SLP095	409	'6020328_/6020325'		0.7	2.7	3.33	0.336	0.3	3.33	1.77 No	0.3	Element Fault
SLP095	410	'56960427_/56960019'		1.2	5.13	6.67	0.672	3	6.67	3.55 No	0.672	Thermal Discharging
SLP095	411	'7430705_/7743027'		0.63	2.5	3.33	0.336	0.1	3.33	1.77 No	0.1	Element Fault
SLP095	412	'7429236_/479030157'		0.63	2.4	3.33	0.336	0.7	3.33	1.77 No	0.336	Thermal Discharging
SLP095	413	'6019639_/6020312'		0.7	2.63	3.33	0.336	0.3	3.33	1.77 No	0.3	Element Fault
SLP095	414	'6019913_/7738279'		0.43	2.37	3.33	0.336	0.2	3.33	1.77 No	0.2	Element Fault
SLP095	415	'43839934_/6065120'		0.73	2.47	3.33	0.336	0.1	3.33	1.77 No	0.1	Element Fault
SLP095	416	'57260519_/57260490_1'		0.67	2.37	3.33	0.336	0.3	3.33	1.77 No	0.3	Element Fault
SLP095	417	'43840636_/6067822'		0.73	2.47	3.33	0.336	0.2	3.33	1.77 No	0.2	Element Fault
SLP095	418	'6020719_/43828049'		0.67	2.57	3.33	0.336	0.3	3.33	1.77 No	0.3	Element Fault
SLP095	419	'6066767_/6066779'		1.13	5.13	6.67	0.672	3	6.67	3.55 No	0.672	Thermal Discharging
SLP095	420	'9321297_/9631237'		0.63	2.27	3.33	0.336	0.7	3.33	1.77 No	0.336	Thermal Discharging
SLP095	421	'6019626_/43828071'		0.67	2.53	3.33	0.336	0.3	3.33	1.77 No	0.3	Element Fault
SLP095	422	'7430720_/7430718_1'		0.63	2.3	3.33	0.336	0.2	3.33	1.77 No	0.2	Element Fault
SLP095	423	'6019927_/6019911'		0.43	2.27	3.33	0.336	0.2	3.33	1.77 No	0.2	Element Fault
SLP095	424	'6036162_/43836499'		0.63	2.17	3.33	0.336	0.7	3.33	1.77 No	0.336	Thermal Discharging
SLP095	425	'572209526_/572209501_1'		0.4	2.27	3.33	0.336	0.1	3.33	1.77 No	0.1	Element Fault
SLP095	426	'6065136_/6065133'		0.7	2.33	3.33	0.336	0.1	3.33	1.77 No	0.1	Element Fault
SLP095	427	'6065287_/6066764'		1.13	4.87	6.67	0.672	3	6.67	3.55 No	0.672	Thermal Discharging
SLP095	428	'43840641_/43840638'		0.7	2.33	3.33	0.336	0.2	3.33	1.77 No	0.2	Element Fault
SLP095	429	'6019940_/6019937'		0.4	2.2	3.33	0.336	0.2	3.33	1.77 No	0.2	Element Fault
SLP095	430	'6065272_/6065284'		1.13	4.67	6.67	0.672	3	6.67	3.55 No	0.672	Thermal Discharging
SLP095	431	'43836508_/6036172'		0.6	2.07	3.33	0.336	0.7	3.33	1.77 No	0.336	Thermal Discharging
SLP095	432	'6065162_/6065159'		0.67	2.23	3.33	0.336	0.1	3.33	1.77 No	0.1	Element Fault
SLP095	433	'43839848_/6065269'		1.07	4.53	6.67	0.672	3	6.67	3.55 No	0.672	Thermal Discharging
SLP095	434	'8672057_/572209501_2'		0.4	2.1	3.33	0.336	0.1	3.33	1.77 No	0.1	Element Fault
SLP095	435	'56960054_/56960061'		0.6	3.33	3.33	0.336	1.5	3.33	1.77 No	0.336	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SLP095	436	'56960017_/_56959985'		0.63	3.33	3.33	0.336	1.5	3.33	1.77 No	0.336 Thermal Discharging
SLP095	437	'6066749_/_6066790'		1.07	4.4	6.67	0.672	3	6.67	3.55 No	0.672 Thermal Discharging
SLP095	438	'7429253_/_479030142'		0.6	2.07	3.33	0.336	0.7	3.33	1.77 No	0.336 Thermal Discharging
SLP095	439	'43839923_/_6066109'		0.63	2.13	3.33	0.336	0.1	3.33	1.77 No	0.1 Element Fault
SLP095	440	'8690322_/_457350948'		0.57	2.03	3.33	0.336	0.2	3.33	1.77 No	0.2 Element Fault
SLP095	441	'43827926_/_6019950'		0.37	2.03	3.33	0.336	0.2	3.33	1.77 No	0.2 Element Fault
SLP095	442	'106710736_/_106710745'		0.57	1.93	3.33	0.336	0.7	3.33	1.77 No	0.336 Thermal Discharging
SLP095	443	'57260619_/_57260649'		0.6	2.03	3.33	0.336	0.3	3.33	1.77 No	0.3 Element Fault
SLP095	444	'7430704_/_7430702_1'		0.57	2.07	3.33	0.336	0.1	3.33	1.77 No	0.1 Element Fault
SLP095	445	'104263228_/_106711005_1'		0.57	1.93	3.33	0.336	0.5	3.33	1.77 No	0.336 Thermal Discharging
SLP095	446	'6064692_/_6066746'		1.07	4.2	6.67	0.672	3	6.67	3.55 No	0.672 Thermal Discharging
SLP095	447	'43839928_/_43839925'		0.6	2	3.33	0.336	0.1	3.33	1.77 No	0.1 Element Fault
SLP095	448	'6064691_/_6064689'		1	4	6.67	0.672	3	6.67	3.55 No	0.672 Thermal Discharging
SLP095	449	'43827931_/_43827928'		0.37	1.9	3.33	0.336	0.2	3.33	1.77 No	0.2 Element Fault
SLP095	450	'106710994_/_106711005_2'		0.53	1.8	3.33	0.336	0.5	3.33	1.77 No	0.336 Thermal Discharging
SLP095	451	'6064621_/_6066094'		1	3.87	6.67	0.672	3	6.67	3.55 No	0.672 Thermal Discharging
SLP095	452	'8432540_/_479030127'		0.53	1.87	3.33	0.336	0.7	3.33	1.77 No	0.336 Thermal Discharging
SLP095	453	'43839804_/_6067767'		0.6	3.33	3.33	0.336	1.1	3.33	1.77 No	0.336 Thermal Discharging
SLP095	454	'8063770_/_106711135'		0.53	1.8	3.33	0.336	0.5	3.33	1.77 No	0.336 Thermal Discharging
SLP095	455	'491725637_/_9383388_1'		0.43	1.3	3.33	0.336	0.5	3.33	1.77 No	0.336 Thermal Discharging
SLP095	456	'6065301_/_6065299_1'		0.6	3.33	3.33	0.336	0.2	3.33	1.77 No	0.2 Element Fault
SLP095	457	'8065858_/_8065939_1'		0.6	3.33	3.33	0.336	0.5	3.33	1.77 No	0.336 Thermal Discharging
SLP095	458	'6066052_/_6066064'		0.93	3.73	6.67	0.672	3	6.67	3.55 No	0.672 Thermal Discharging
SLP095	459	'6065302_/_6065299_2'		0.57	3.33	3.33	0.336	0.2	3.33	1.77 No	0.2 Element Fault
SLP095	460	'8065942_/_8065939_2'		0.57	3.33	3.33	0.336	0.5	3.33	1.77 No	0.336 Thermal Discharging
SLP095	461	'122140207_/_122140275'		0.57	1.77	3.33	0.336	0.7	3.33	1.77 No	0.336 Thermal Discharging
SLP095	462	'6064675_/_6066049'		0.93	3.6	6.67	0.672	3	6.67	3.55 No	0.672 Thermal Discharging
SLP095	463	'9320856_/_9630707'		0.5	1.7	3.33	0.336	0.5	3.33	1.77 No	0.336 Thermal Discharging
SLP095	464	'6065513_/_6065510'		0.53	3.33	3.33	0.336	0.2	3.33	1.77 No	0.2 Element Fault
SLP095	465	'57260588_/_57260626'		0.53	1.73	3.33	0.336	0.3	3.33	1.77 No	0.3 Element Fault
SLP095	466	'9007423_/_9007421_1'		0.57	3.33	3.33	0.336	0.2	3.33	1.77 No	0.2 Element Fault
SLP095	467	'72020178_/_72020051'		0.5	1.7	3.33	0.336	0.3	3.33	1.77 No	0.3 Element Fault
SLP095	468	'239417152_/_239417154'		0.93	3.53	6.67	0.672	3	6.67	3.55 No	0.672 Thermal Discharging
SLP095	469	'72020273_/_72020298'		0.5	1.7	3.33	0.336	0.3	3.33	1.77 No	0.3 Element Fault
SLP095	470	'72020216_/_72020284'		0.5	1.7	3.33	0.336	0.3	3.33	1.77 No	0.3 Element Fault
SLP095	471	'6064637_/_6066031'		0.87	3.47	6.67	0.672	3	6.67	3.55 No	0.672 Thermal Discharging
SLP095	472	'6065526_/_6065523'		0.53	3.33	3.33	0.336	0.2	3.33	1.77 No	0.2 Element Fault
SLP095	473	'7743125_/_9007421_2'		0.53	3.33	3.33	0.336	0.2	3.33	1.77 No	0.2 Element Fault
SLP095	474	'43839815_/_6065536'		0.5	3.33	3.33	0.336	0.2	3.33	1.77 No	0.2 Element Fault
SLP095	475	'8063785_/_9320854'		0.47	1.57	3.33	0.336	0.5	3.33	1.77 No	0.336 Thermal Discharging
SLP095	476	'8065826_/_9007325_1'		0.53	2.63	3.33	0.336	0.2	3.33	1.77 No	0.2 Element Fault
SLP095	477	'6065551_/_43839817'		0.5	3.33	3.33	0.336	0.2	3.33	1.77 No	0.2 Element Fault
SLP095	478	'6064620_/_6064618'		0.5	2.47	3.33	0.336	1.1	3.33	1.77 No	0.336 Thermal Discharging
SLP095	479	'8063786_/_8063783'		0.47	1.53	3.33	0.336	0.5	3.33	1.77 No	0.336 Thermal Discharging
SLP095	480	'6064608_/_6064605_2'		0.5	2.47	3.33	0.336	1.1	3.33	1.77 No	0.336 Thermal Discharging
SLP095	481	'43839826_/_6065549'		0.47	3.03	3.33	0.336	0.2	3.33	1.77 No	0.2 Element Fault
SLP095	482	'6064595_/_6064605_1'		0.5	2.5	3.33	0.336	0.2	3.33	1.77 No	0.2 Element Fault
SLP095	483	'57260545_/_72020221'		0.47	1.5	3.33	0.336	0.3	3.33	1.77 No	0.3 Element Fault
SLP095	484	'6064582_/_6064592'		0.5	2.53	3.33	0.336	0.2	3.32	1.77 No	0.2 Element Fault
SLP095	485	'43839837_/_6065717'		0.43	2.5	3.33	0.336	0.2	3.32	1.77 No	0.2 Element Fault
SLP095	486	'7743061_/_7743059_1'		0.47	2.2	3.33	0.336	0.2	3.29	1.77 No	0.2 Element Fault
SLP095	487	'8063801_/_9001293'		0.43	1.43	3.33	0.336	0.5	3.33	1.77 No	0.336 Thermal Discharging
SLP095	488	'7743126_/_7743123'		0.47	2.5	3.33	0.336	0.2	3.3	1.77 No	0.2 Element Fault
SLP095	489	'580242255_/_6064673'		0.5	2.23	3.33	0.336	1	3.27	1.77 No	0.336 Thermal Discharging
SLP095	490	'43839627_/_43839629'		0.5	2.6	3.33	0.336	0.2	3.26	1.77 No	0.2 Element Fault
SLP095	491	'6065565_/_43839828'		0.43	2.37	3.33	0.336	0.2	3.28	1.77 No	0.2 Element Fault
SLP095	492	'57260511_/_57260552'		0.43	1.43	3.33	0.336	0.3	3.33	1.77 No	0.3 Element Fault
SLP095	493	'6064556_/_6064566'		0.5	2.5	3.33	0.336	0.2	3.23	1.77 No	0.2 Element Fault
SLP095	494	'122140136_/_122140225'		0.5	1.43	3.33	0.336	0.7	3.33	1.77 No	0.336 Thermal Discharging
SLP095	495	'9007295_/_593779303_1'		0.47	2.07	3.33	0.336	1.4	3.2	1.77 No	0.336 Thermal Discharging
SLP095	496	'593779485_/_593779303_2'		0.47	2.07	3.33	0.336	0.2	3.19	1.77 No	0.2 Element Fault
SLP095	497	'7743045_/_7743059_2'		0.47	2.27	3.33	0.336	0.2	3.19	1.77 No	0.2 Element Fault
SLP095	498	'6065707_/_43839839'		0.43	2.13	3.33	0.336	0.2	3.2	1.77 No	0.2 Element Fault
SLP095	499	'6064543_/_6064553'		0.5	2.3	3.33	0.336	0.2	3.17	1.77 No	0.2 Element Fault
SLP095	500	'9007296_/_593779303_3'		0.47	2.1	3.33	0.336	0.2	3.15	1.77 No	0.2 Element Fault
SLP095	501	'8065874_/_8065871'		0.43	2.1	3.33	0.336	0.2	3.15	1.77 No	0.2 Element Fault
SLP095	502	'9007328_/_9007325_2'		0.43	2.17	3.33	0.336	0.2	3.13	1.77 No	0.2 Element Fault
SLP095	503	'6064423_/_6064634'		0.47	2.07	3.33	0.336	1.2	3.11	1.77 No	0.336 Thermal Discharging
SLP095	504	'6064530_/_6064540'		0.5	2.17	3.33	0.336	0.2	3.11	1.77 No	0.2 Element Fault
SLP095	505	'6064407_/_6064404_2'		0.47	2.07	3.33	0.336	1.2	3.11	1.77 No	0.336 Thermal Discharging
SLP095	506	'8063802_/_8063799'		0.4	1.33	3.33	0.336	0.5	3.29	1.77 No	0.336 Thermal Discharging
SLP095	507	'7430800_/_593779312'		0.43	2.13	3.33	0.336	0.2	3.06	1.77 No	0.2 Element Fault
SLP095	508	'6064394_/_6064404_1'		0.47	2.07	3.33	0.336	0.3	3.05	1.77 No	0.3 Element Fault
SLP095	509	'7431392_/_7743043'		0.43	2.07	3.33	0.336	0.2	3.05	1.77 No	0.2 Element Fault
SLP095	510	'6064517_/_6064527'		0.5	2	3.33	0.336	0.2	3.05	1.77 No	0.2 Element Fault
SLP095	511	'7428699_/_8738708'		0.4	1.33	3.33	0.336	0.3	3.2	1.77 No	0.3 Element Fault
SLP095	512	'6065691_/_6065704'		0.4	1.83	3.33	0.336	0.2	3.05	1.77 No	0.2 Element Fault
SLP095	513	'43839605_/_43839607'		0.53	1.93	3.33	0.336	0.2	3	1.77 No	0.2 Element Fault
SLP095	514	'7430752_/_8690372'		0.4	1.83	3.33	0.336	0.2	3	1.77 No	0.2 Element Fault
SLP095	515	'9007343_/_9007341'		0.4	1.87	3.33	0.336	0.2	2.99	1.77 No	0.2 Element Fault
SLP095	516	'43839638_/_43839640'		0.47	1.93	3.33	0.336	0.3	2.98	1.77 No	0.3 Element Fault
SLP095	517	'6064501_/_6064514'		0.53	1.9	3.33	0.336	0.2	2.98	1.77 No	0.2 Element Fault
SLP095	518	'122140065_/_122140154'		0.43	1.27	3.33	0.336	0.7	3.13	1.77 No	0.336 Thermal Discharging
SLP095	519	'43840044_/_6065688'		0.37	1.73	3.33	0.336	0.2	2.97	1.77 No	0.2 Element Fault
SLP095	520	'6064462_/_6064472'		0.5	1.83	3.33	0.336	0.2	2.93	1.77 No	0.2 Element Fault
SLP095	521	'6064368_/_6064378'		0.47	1.83	3.33	0.336	0.3	2.92	1.77 No	0.3 Element Fault
SLP095	522	'6064488_/_6064498'		0.5	1.77	3.33	0.336	0.2	2.9	1.77 No	0.2 Element Fault
SLP095	523	'485810821_/_6064459'		0.5	1.73	3.33	0.336	0.2	2.89	1.77 No	0.2 Element Fault
SLP095	524	'485810822_/_56792454'		0.5	1.73	3.33	0.336	0.2	2.89	1.77 No	0.2 Element Fault
SLP095	525	'43840043_/_6065960'		0.37	1.63	3.33	0.336	0.2	2.91	1.77 No	0.2 Element Fault
SLP095	526	'8377260_/_66024553'		0.4	1.8	3.33	0.336	0.2	2.87	1.77 No	0.2 Element Fault
SLP095	527	'9007392_/_9323092'		0.4	1.7	3.33	0.336	0.2	2.88	1.77 No	0.2 Element Fault
SLP095	528	'6064355_/_6064365'		0.47	1.73	3.33	0.336	0.3	2.86	1.77 No	0.3 Element Fault
SLP095	529	'7430753_/_7430750'		0.37	1.67	3.33	0.336	0.2	2.87	1.77 No	0.2 Element Fault

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SLP095	530	'485047708_/485047731'	0.4	1.67	3.33	0.336	0.2	2.86	1.77 No	0.2	Element Fault
SLP095	531	'6064436_/6064446'	0.47	1.67	3.33	0.336	0.2	2.84	1.77 No	0.2	Element Fault
SLP095	532	'122139985_/122140083'	0.43	1.2	3.33	0.336	0.7	2.98	1.77 No	0.336	Thermal Discharging
SLP095	533	'43839616_/6064485'	0.47	1.67	3.33	0.336	0.2	2.83	1.77 No	0.2	Element Fault
SLP095	534	'6064342_/6064352'	0.47	1.67	3.33	0.336	0.3	2.81	1.77 No	0.3	Element Fault
SLP095	535	'7428698_/7428696'	0.37	1.2	3.33	0.336	0.3	2.93	1.77 No	0.3	Element Fault
SLP095	536	'43839594_/43839596'	0.47	1.63	3.33	0.336	0.2	2.79	1.77 No	0.2	Element Fault
SLP095	537	'7431393_/7431390'	0.37	1.63	3.33	0.336	0.2	2.8	1.77 No	0.2	Element Fault
SLP095	538	'7743141_/8065887'	0.37	1.53	3.33	0.336	0.2	2.77	1.77 No	0.2	Element Fault
SLP095	539	'6064341_/6064339'	0.47	1.6	3.33	0.336	0.3	2.75	1.77 No	0.3	Element Fault
SLP095	540	'56792446_/6066365'	0.47	1.57	3.33	0.336	0.2	2.75	1.77 No	0.2	Element Fault
SLP095	541	'7430736_/9007389'	0.37	1.53	3.33	0.336	0.2	2.74	1.77 No	0.2	Element Fault
SLP095	542	'264871429_/7743815_1'	0.37	1.53	3.33	0.336	0.2	2.73	1.77 No	0.2	Element Fault
SLP095	543	'43840614_/6067783'	0.47	1.53	3.33	0.336	0.3	2.7	1.77 No	0.3	Element Fault
SLP095	544	'7743189_/562944219'	0.37	1.53	3.33	0.336	0.2	2.7	1.77 No	0.2	Element Fault
SLP095	545	'8064129_/8064127'	0.37	1.13	3.33	0.336	0.3	2.81	1.77 No	0.3	Element Fault
SLP095	546	'122139898_/122140003'	0.4	1.13	3.33	0.336	0.7	2.81	1.77 No	0.336	Thermal Discharging
SLP095	547	'8687948_/8687946'	0.37	1.13	3.33	0.336	0.3	2.78	1.77 No	0.3	Element Fault
SLP095	548	'43840625_/43840627'	0.43	1.47	3.33	0.336	0.3	2.64	1.77 No	0.3	Element Fault
SLP095	549	'6067798_/7431262_1'	0.43	1.47	3.33	0.336	0.3	2.64	1.77 No	0.3	Element Fault
SLP095	550	'122139859_/122139916'	0.4	1.07	3.33	0.336	0.7	2.72	1.77 No	0.336	Thermal Discharging
SLP095	551	'8379355_/9001025'	0.33	1.07	3.33	0.336	0.3	2.68	1.77 No	0.3	Element Fault
SLP095	552	'7431264_/7431262_2'	0.43	1.37	3.33	0.336	0.3	2.56	1.77 No	0.3	Element Fault
SLP095	553	'8379609_/122139865'	0.37	1.03	3.33	0.336	0.7	2.63	1.77 No	0.336	Thermal Discharging
SLP095	554	'8379354_/8379352'	0.33	1.03	3.33	0.336	0.3	2.57	1.77 No	0.3	Element Fault
SLP095	555	'9007375_/9007373'	0.4	1.27	3.33	0.336	0.3	2.45	1.77 No	0.3	Element Fault
SLP095	556	'8379608_/8379606'	0.37	1	3.33	0.336	0.7	2.53	1.77 No	0.336	Thermal Discharging
SLP095	557	'9323063_/9323060'	0.37	1.17	3.33	0.336	0.3	2.35	1.77 No	0.3	Element Fault
SLP095	558	'8993416_/9631253'	0.33	0.93	3.33	0.336	0.7	2.4	1.77 No	0.33	Primary Over-Voltage
SLP095	559	'8690897_/9633111'	0.37	1.1	3.33	0.336	0.3	2.26	1.77 No	0.3	Element Fault
SLP095	560	'8993415_/8993413'	0.33	0.9	3.33	0.336	0.7	2.31	1.77 No	0.33	Primary Over-Voltage
SLP095	561	'8376809_/8690894'	0.33	1.03	3.33	0.336	0.3	2.16	1.77 No	0.3	Element Fault
SLP095	562	'37950507_/9631719'	0.33	0.87	3.33	0.336	0.7	2.23	1.77 No	0.33	Primary Over-Voltage
SLP095	563	'37950514_/37950511'	0.33	0.87	3.33	0.336	0.7	2.23	1.77 No	0.33	Primary Over-Voltage
SLP095	564	'37950500_/37950525'	0.33	0.87	3.33	0.336	0.7	2.23	1.77 No	0.33	Primary Over-Voltage
SLP095	565	'37950535_/37950539'	0.33	0.87	3.33	0.336	0.7	2.23	1.77 No	0.33	Primary Over-Voltage
SLP095	566	'413839591_/413839611'	0.33	1	3.33	0.336	0.3	2.12	1.77 No	0.3	Element Fault
SLP095	567	'8064658_/421767390'	0.3	0.83	3.33	0.336	0.7	2.19	1.77 No	0.3	Primary Over-Voltage
SLP095	568	'8066374_/8376806'	0.33	1	3.33	0.336	0.3	2.1	1.77 No	0.3	Element Fault
SLP095	569	'7739225_/8379558'	0.3	0.83	3.33	0.336	0.7	2.14	1.77 No	0.3	Primary Over-Voltage
SLP095	570	'8688733_/8688730'	0.3	0.8	3.33	0.336	0.7	2.13	1.77 No	0.3	Primary Over-Voltage
SLP095	571	'8066373_/8066371'	0.3	0.93	3.33	0.336	0.3	2.05	1.77 No	0.3	Primary Over-Voltage
SLP095	572	'7739226_/7739223'	0.3	0.8	3.33	0.336	0.7	2.1	1.77 No	0.3	Primary Over-Voltage
SLP095	573	'8376895_/8376892'	0.3	0.93	3.33	0.336	0.3	2.04	1.77 No	0.3	Primary Over-Voltage
SLP095	574	'7739241_/8687962'	0.3	0.77	3.33	0.336	0.7	2.06	1.77 No	0.3	Primary Over-Voltage
SLP095	575	'7739242_/7739239_1'	0.3	0.77	3.33	0.336	0.3	2.02	1.77 No	0.3	Primary Over-Voltage
SLP096	0	'SLP096_/9003963_1'	10	10	10	2.104	10	10	3.82 No	2.104	Thermal Discharging
SLP096	1	'9003926_/9003963'	10	10	10	2.104	10	10	3.82 No	2.104	Thermal Discharging
SLP096	2	'9003925_/9003923'	10	10	10	2.104	10	10	3.82 No	2.104	Thermal Discharging
SLP096	3	'8061097_/9318210'	10	10	10	2.104	10	10	3.82 No	2.104	Thermal Discharging
SLP096	4	'8061098_/8061095'	10	10	10	2.104	10	10	3.82 No	2.104	Thermal Discharging
SLP096	5	'8433379_/9696022'	10	10	10	2.104	10	10	3.82 No	2.104	Thermal Discharging
SLP096	6	'444211566_/444211616'	10	10	10	2.104	10	10	3.82 No	2.104	Thermal Discharging
SLP096	7	'451279090_/444211572_1'	10	10	10	2.104	10	10	3.82 No	2.104	Thermal Discharging
SLP096	8	'270207328_/444211572_2'	10	10	10	2.104	10	10	3.82 No	2.104	Thermal Discharging
SLP096	9	'270207237_/270207235'	10	10	10	2.104	10	10	3.82 No	2.104	Thermal Discharging
SLP096	10	'270207255_/270207253'	10	10	10	2.104	10	10	3.82 No	2.104	Thermal Discharging
SLP096	11	'270207187_/270207271'	10	10	10	2.104	10	10	3.82 No	2.104	Thermal Discharging
SLP096	12	'5959988_/270207189'	10	10	10	2.104	10	10	3.82 No	2.104	Thermal Discharging
SLP096	13	'43820235_/5959985'	10	10	10	2.104	10	10	3.82 No	2.104	Thermal Discharging
SLP096	14	'5950033_/5960039'	10	10	10	2.104	10	10	3.82 No	2.104	Thermal Discharging
SLP096	15	'270207018_/5950030'	10	10	10	2.104	10	10	3.82 No	2.104	Thermal Discharging
SLP096	16	'270207710_/270207415_1'	10	10	10	2.104	10	10	3.82 No	2.104	Thermal Discharging
SLP096	17	'5949999_/270207026'	10	10	10	2.104	10	10	3.82 No	2.104	Thermal Discharging
SLP096	18	'5950015_/43817192'	10	10	10	2.104	10	10	3.82 No	2.104	Thermal Discharging
SLP096	19	'5949998_/5950047_2'	10	10	10	2.104	3.3	10	3.82 No	2.104	Thermal Discharging
SLP096	20	'270207405_/270207415_2'	10	10	10	2.104	10	10	3.82 No	2.104	Thermal Discharging
SLP096	21	'43818663_/5950047_1'	10	10	10	2.104	1.6	10	3.82 No	1.6	Element Fault
SLP096	22	'343786117_/270207460'	10	10	10	2.104	10	10	3.82 No	2.104	Thermal Discharging
SLP096	23	'5949403_/5949401'	9.1	10	10	2.104	1.6	10	3.82 No	1.6	Element Fault
SLP096	24	'270207450_/343786128'	10	10	10	2.104	10	10	3.82 No	2.104	Thermal Discharging
SLP096	25	'5949369_/43818678_2'	7.6	10	10	2.104	1.6	10	3.82 No	1.6	Element Fault
SLP096	26	'90594822_/43818678_1'	7.6	10	10	2.104	1.6	10	3.82 No	1.6	Element Fault
SLP096	27	'343786169_/270207496'	10	10	10	2.104	10	10	3.82 No	2.104	Thermal Discharging
SLP096	28	'5949368_/5949366'	4.6	6.67	6.67	1.4	1.07	6.67	2.55 No	1.07	Element Fault
SLP096	29	'607572629_/607572633'	4.6	6.67	6.67	1.4	1.07	6.67	2.55 No	1.07	Element Fault
SLP096	30	'5951794_/5951792'	4.6	6.67	6.67	1.4	1.07	6.67	2.55 No	1.07	Element Fault
SLP096	31	'270207486_/343786180'	9.6	10	10	2.104	10	10	3.82 No	2.104	Thermal Discharging
SLP096	32	'43817203_/5949384'	6.5	10	10	2.104	1.6	10	3.82 No	1.6	Element Fault
SLP096	33	'5952118_/5952130'	4.13	6.67	6.67	1.4	1.07	6.67	2.55 No	1.07	Element Fault
SLP096	34	'5949351_/5949349'	5.9	10	10	2.104	1.6	10	3.82 No	1.6	Element Fault
SLP096	35	'343786211_/270207532'	7.8	10	10	2.104	10	10	3.82 No	2.104	Thermal Discharging
SLP096	36	'5952117_/5952115'	3.87	6.67	6.67	1.4	1.07	6.67	2.55 No	1.07	Element Fault
SLP096	37	'466998358_/270207568'	7	10	10	2.104	10	10	3.82 No	2.104	Thermal Discharging
SLP096	38	'5951809_/5951807'	5	10	10	2.104	1.6	10	3.82 No	1.6	Element Fault
SLP096	39	'459228698_/459228797'	6.7	10	10	2.104	10	10	3.82 No	2.104	Thermal Discharging
SLP096	40	'435576571_/459228704'	6.5	10	10	2.104	10	10	3.82 No	2.104	Thermal Discharging
SLP096	41	'5952192_/5952190'	4.7	10	10	2.104	1.6	10	3.82 No	1.6	Element Fault
SLP096	42	'448625523_/435576577_1'	6.4	10	10	2.104	10	10	3.82 No	2.104	Thermal Discharging
SLP096	43	'343786256_/435576577_2'	6.4	10	10	2.104	10	10	3.82 No	2.104	Thermal Discharging
SLP096	44	'49934698_/8060487_3'	4.6	10	10	2.104	1.6	10	3.82 No	1.6	Element Fault
SLP096	45	'585272422_/426915703'	6.3	10	10	2.104	10	10	3.82 No	2.104	Thermal Discharging
SLP096	46	'49934703_/8060487_2'	4.6	10	10	2.104	0.9	10	3.82 No	0.9	Element Fault
SLP096	47	'585272510_/585272473_1'	6.3	10	10	2.104	1.5	10	3.82 No	1.5	Element Fault

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SLP096	48	'426916258_/_585272426'		6.3	10	10	2.104	10	10	3.82 No	2.104 Thermal Discharging
SLP096	49	'426915834_/_426915828'		6.2	10	10	2.104	10	10	3.82 No	2.104 Thermal Discharging
SLP096	50	'426915874_/_426915868'		6.1	10	10	2.104	10	10	3.82 No	2.104 Thermal Discharging
SLP096	51	'448625513_/_426916324_1'		6.1	10	10	2.104	10	10	3.82 No	2.104 Thermal Discharging
SLP096	52	'435576532_/_426916324_2'		6	10	10	2.104	10	10	3.82 No	2.104 Thermal Discharging
SLP096	53	'9317118_/_270207359'		5.8	10	10	2.104	10	10	3.82 No	2.104 Thermal Discharging
SLP096	54	'8060489_/_8060487_1'		4	10	10	2.104	0.9	10	3.82 No	0.9 Element Fault
SLP096	55	'9317686_/_585272473_2'		5.3	10	10	2.104	1.5	10	3.82 No	1.5 Element Fault
SLP096	56	'429879532_/_71973719'		5.5	9.6	10	2.104	10	10	3.82 No	2.104 Thermal Discharging
SLP096	57	'71973938_/_71973757_2'		5.5	9.6	10	2.104	10	10	3.82 No	2.104 Thermal Discharging
SLP096	58	'71973520_/_71973757_1'		5.5	9.6	10	2.104	10	10	3.82 No	2.104 Thermal Discharging
SLP096	59	'429879822_/_71973523'		5.5	9.5	10	2.104	10	10	3.82 No	2.104 Thermal Discharging
SLP096	60	'429880101_/_429880017'		5.5	9.5	10	2.104	10	10	3.82 No	2.104 Thermal Discharging
SLP096	61	'429880107_/_429880037'		5.5	9.5	10	2.104	10	10	3.82 No	2.104 Thermal Discharging
SLP096	62	'5946607_/_71973455'		5.4	9.5	10	2.104	10	10	3.82 No	2.104 Thermal Discharging
SLP096	63	'429880292_/_5946638'		5.4	9.5	10	2.104	10	10	3.82 No	2.104 Thermal Discharging
SLP096	64	'5946658_/_5946655'		5.4	9.4	10	2.104	10	10	3.82 No	2.104 Thermal Discharging
SLP096	65	'429880113_/_429880057'		5.4	9.3	10	2.104	10	10	3.82 No	2.104 Thermal Discharging
SLP096	66	'5934927_/_429880077'		5.4	9.3	10	2.104	10	10	3.82 No	2.104 Thermal Discharging
SLP096	67	'43818980_/_429880294'		5.4	9.4	10	2.104	10	10	3.82 No	2.104 Thermal Discharging
SLP096	68	'5934853_/_5934925'		5.3	9	10	2.104	10	10	3.82 No	2.104 Thermal Discharging
SLP096	69	'5934783_/_5934851'		5.3	9	10	2.104	10	10	3.82 No	2.104 Thermal Discharging
SLP096	70	'37942383_/_8685146'		5.2	9.1	10	2.104	10	10	3.82 No	2.104 Thermal Discharging
SLP096	71	'404679151_/_37942387'		5.2	9.1	10	2.104	10	10	3.82 No	2.104 Thermal Discharging
SLP096	72	'37942432_/_37942429'		5.2	9.1	10	2.104	10	10	3.82 No	2.104 Thermal Discharging
SLP096	73	'37942418_/_37942422'		5.2	9.1	10	2.104	10	10	3.82 No	2.104 Thermal Discharging
SLP096	74	'37942397_/_37942394'		5.2	9.1	10	2.104	4.8	10	3.82 No	2.104 Thermal Discharging
SLP096	75	'7425007_/_8684726'		5.2	9.1	10	2.104	4.8	10	3.82 No	2.104 Thermal Discharging
SLP096	76	'8059724_/_8059721'		5.2	9	10	2.104	10	10	3.82 No	2.104 Thermal Discharging
SLP096	77	'502920019_/_502920023'		5.2	9.1	10	2.104	4.8	10	3.82 No	2.104 Thermal Discharging
SLP096	78	'9317666_/_9317684'		4.7	9.3	10	2.104	1.5	10	3.82 No	1.5 Element Fault
SLP096	79	'469964623_/_469964645'		5.2	9.1	10	2.104	4.8	10	3.82 No	2.104 Thermal Discharging
SLP096	80	'5934782_/_5934780'		5.2	8.8	10	2.104	10	10	3.82 No	2.104 Thermal Discharging
SLP096	81	'7425006_/_7425004'		5.1	9	10	2.104	4.8	10	3.82 No	2.104 Thermal Discharging
SLP096	82	'108664532_/_5934797'		5.2	8.7	10	2.104	10	10	3.82 No	2.104 Thermal Discharging
SLP096	83	'5925310_/_5925308_1'		5.1	8.7	10	2.104	1.5	10	3.82 No	1.5 Element Fault
SLP096	84	'108664480_/_108664534'		5.2	8.7	10	2.104	10	10	3.82 No	2.104 Thermal Discharging
SLP096	85	'5934800_/_108664482'		5.2	8.6	10	2.104	10	10	3.82 No	2.104 Thermal Discharging
SLP096	86	'5934820_/_5934817'		5.1	8.4	10	2.104	10	10	3.82 No	2.104 Thermal Discharging
SLP096	87	'43812929_/_5934834'		5	8.2	10	2.104	10	10	3.82 No	2.104 Thermal Discharging
SLP096	88	'5934874_/_43812931'		5	8.1	10	2.104	10	10	3.82 No	2.104 Thermal Discharging
SLP096	89	'5925668_/_5934888'		4.9	7.8	10	2.104	10	10	3.82 No	2.104 Thermal Discharging
SLP096	90	'5935195_/_5935192'		4.8	7.7	10	2.104	10	10	3.82 No	2.104 Thermal Discharging
SLP096	91	'5925669_/_5925683_1'		4.8	7.7	10	2.104	1.5	10	3.82 No	1.5 Element Fault
SLP096	92	'116711871_/_5925308_2'		4.4	7.8	10	2.104	1.5	10	3.82 No	1.5 Element Fault
SLP096	93	'5935212_/_5935209'		4.8	7.5	10	2.104	10	10	3.82 No	2.104 Thermal Discharging
SLP096	94	'5935229_/_5935226'		4.7	7.3	10	2.104	10	10	3.82 No	2.104 Thermal Discharging
SLP096	95	'5935246_/_5935243'		4.7	7.2	10	2.104	10	10	3.82 No	2.104 Thermal Discharging
SLP096	96	'43813098_/_5925683_2'		4.5	7.3	10	2.104	1.5	10	3.82 No	1.5 Element Fault
SLP096	97	'5925759_/_5935260'		4.7	7.1	10	2.104	10	10	3.82 No	2.104 Thermal Discharging
SLP096	98	'7735470_/_8684366_1'		4.6	7	10	2.104	1.6	10	3.82 No	1.6 Element Fault
SLP096	99	'43813073_/_5935311'		4.6	6.9	10	2.104	10	10	3.82 No	2.104 Thermal Discharging
SLP096	100	'5925758_/_5925771_1'		3.13	4.67	6.67	1.4	1	6.67	2.55 No	1 Element Fault
SLP096	101	'43813195_/_5935277'		4.6	6.8	10	2.104	10	10	3.82 No	2.104 Thermal Discharging
SLP096	102	'5935280_/_5935294_1'		4.6	6.8	10	2.104	10	10	3.82 No	2.104 Thermal Discharging
SLP096	103	'5935175_/_5935294_2'		4.5	6.7	10	2.104	10	10	3.82 No	2.104 Thermal Discharging
SLP096	104	'546371492_/_5939735'		4.5	6.7	10	2.104	10	10	3.82 No	2.104 Thermal Discharging
SLP096	105	'5939605_/_546371368'		4.5	6.7	10	2.104	10	10	3.82 No	2.104 Thermal Discharging
SLP096	106	'515657985_/_515657959_1'		4.5	6.7	10	2.104	1.5	10	3.82 No	1.5 Element Fault
SLP096	107	'8374434_/_8684366_2'		4.4	6.7	10	2.104	1.6	10	3.82 No	1.6 Element Fault
SLP096	108	'515657835_/_5939603_1'		1.5	2.2	3.33	0.704	0.5	3.33	1.27 No	0.5 Element Fault
SLP096	109	'515657951_/_515657959_2'		4.5	6.7	10	2.104	1.5	10	3.82 No	1.5 Element Fault
SLP096	110	'515657884_/_515657882'		4.5	6.7	10	2.104	1.5	10	3.82 No	1.5 Element Fault
SLP096	111	'515657891_/_515657888'		4.5	6.7	10	2.104	1.5	10	3.82 No	1.5 Element Fault
SLP096	112	'515657903_/_515657900'		4.5	6.7	10	2.104	1.5	10	3.82 No	1.5 Element Fault
SLP096	113	'515657897_/_515657894'		4.5	6.7	10	2.104	1.5	10	3.82 No	1.5 Element Fault
SLP096	114	'5939755_/_5939752'		4.5	6.6	10	2.104	10	10	3.82 No	2.104 Thermal Discharging
SLP096	115	'43813086_/_5925771_2'		3	4.47	6.67	1.4	1	6.67	2.55 No	1 Element Fault
SLP096	116	'5925705_/_5926405'		4.1	6.7	10	2.104	1.5	10	3.82 No	1.5 Element Fault
SLP096	117	'7424680_/_8374432'		4.2	6.6	10	2.104	1.6	10	3.82 No	1.6 Element Fault
SLP096	118	'441965831_/_7424678'		4.2	6.5	10	2.104	1.6	10	3.82 No	1.6 Element Fault
SLP096	119	'7424681_/_441965851'		4.1	6.5	10	2.104	1.6	10	3.82 No	1.6 Element Fault
SLP096	120	'43819093_/_5939603_2'		1.53	2.1	3.33	0.704	0.5	3.33	1.27 No	0.5 Element Fault
SLP096	121	'452191508_/_452191514'		4.3	6.3	10	2.104	10	10	3.82 No	2.104 Thermal Discharging
SLP096	122	'546371430_/_546371446'		4.1	6.2	10	2.104	1.5	10	3.82 No	1.5 Element Fault
SLP096	123	'473911688_/_473911820'		4.2	6.1	10	2.104	10	9.96	3.82 No	2.104 Thermal Discharging
SLP096	124	'473911689_/_473911686'		4.2	6.1	10	2.104	10	9.96	3.82 No	2.104 Thermal Discharging
SLP096	125	'473911706_/_473911704'		4.2	6.1	10	2.104	4.7	9.96	3.82 No	2.104 Thermal Discharging
SLP096	126	'473911694_/_473911692'		4.2	6.1	10	2.104	10	9.96	3.82 No	2.104 Thermal Discharging
SLP096	127	'473911700_/_473911698'		4.2	6.1	10	2.104	4.7	9.96	3.82 No	2.104 Thermal Discharging
SLP096	128	'5925330_/_5925703'		3.8	6.3	10	2.104	1.5	10	3.82 No	1.5 Element Fault
SLP096	129	'473911874_/_473911890'		4.2	6	10	2.104	4.7	9.85	3.82 No	2.104 Thermal Discharging
SLP096	130	'473911920_/_473911928'		4.2	6	10	2.104	4.7	9.79	3.82 No	2.104 Thermal Discharging
SLP096	131	'473911757_/_473911797'		4	5.8	10	2.104	10	9.64	3.82 No	2.104 Thermal Discharging
SLP096	132	'486776535_/_486776589'		3.2	4.5	10	2.104	4.7	9.66	3.82 No	2.104 Thermal Discharging
SLP096	133	'486776522_/_486776532'		3.2	4.5	10	2.104	4.7	9.66	3.82 No	2.104 Thermal Discharging
SLP096	134	'486776523_/_486776520'		3.2	4.5	10	2.104	4.7	9.66	3.82 No	2.104 Thermal Discharging
SLP096	135	'486776529_/_486776526'		3.2	4.5	10	2.104	4.7	9.66	3.82 No	2.104 Thermal Discharging
SLP096	136	'486776541_/_486776538'		3.2	4.5	10	2.104	4.7	9.66	3.82 No	2.104 Thermal Discharging
SLP096	137	'473912181_/_473911843'		4	5.8	10	2.104	4.7	9.66	3.82 No	2.104 Thermal Discharging
SLP096	138	'515657766_/_515657782'		3.9	5.9	10	2.104	1.5	9.74	3.82 No	1.5 Element Fault
SLP096	139	'7424701_/_7424698'		3.8	5.9	10	2.104	1.6	9.79	3.82 No	1.6 Element Fault
SLP096	140	'43819104_/_5939616'		1.4	1.97	3.33	0.704	0.5	3.21	1.27 No	0.5 Element Fault
SLP096	141	'466190812_/_466190831'		3.9	5.7	10	2.104	4.7	9.5	3.82 No	2.104 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over- Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SLP096	142	'452191650___/452191476_2'		3.9	5.6	10	2.104	10	9.42	3.82 No	2.104 Thermal Discharging
SLP096	143	'466191061___/466190878_1'		3.8	5.3	10	2.104	1.5	9.46	3.82 No	1.5 Element Fault
SLP096	144	'452190855___/452191476_1'		3.9	5.6	10	2.104	10	9.41	3.82 No	2.104 Thermal Discharging
SLP096	145	'466191071___/452190863'		3.9	5.6	10	2.104	10	9.41	3.82 No	2.104 Thermal Discharging
SLP096	146	'5938914___/5938912'		3.9	5.6	10	2.104	10	9.41	3.82 No	2.104 Thermal Discharging
SLP096	147	'5916414___/5938966'		3.9	5.6	10	2.104	10	9.37	3.82 No	2.104 Thermal Discharging
SLP096	148	'466190781___/5938929'		3.9	5.6	10	2.104	10	9.36	3.82 No	2.104 Thermal Discharging
SLP096	149	'475940778___/466190957_1'		3.9	5.6	10	2.104	1.5	9.36	3.82 No	1.5 Element Fault
SLP096	150	'508635895___/473912012'		3.2	4.5	10	2.104	4.7	9.36	3.82 No	2.104 Thermal Discharging
SLP096	151	'43812711___/5938983'		3.9	5.5	10	2.104	10	9.29	3.82 No	2.104 Thermal Discharging
SLP096	152	'438191115___/5939719'		1.33	1.9	3.33	0.704	0.5	3.12	1.27 No	0.5 Element Fault
SLP096	153	'5924906___/43812713'		3.9	5.5	10	2.104	10	9.18	3.82 No	2.104 Thermal Discharging
SLP096	154	'553096410___/553096306_1'		3.9	5.5	10	2.104	1.5	9.17	3.82 No	1.5 Element Fault
SLP096	155	'315765543___/8684766_1'		1.33	1.87	3.33	0.704	0.3	3.1	1.27 No	0.3 Element Fault
SLP096	156	'5934414___/5938895'		3.9	5.4	10	2.104	10	9.13	3.82 No	2.104 Thermal Discharging
SLP096	157	'466190859___/466190957_2'		3.8	5.5	10	2.104	1.5	9.18	3.82 No	1.5 Element Fault
SLP096	158	'575403831___/557082435_2'		1.3	1.8	3.33	0.704	1.5	3.04	1.27 No	0.704 Thermal Discharging
SLP096	159	'51751084___/5916429_1'		3.9	5.4	10	2.104	1.5	9.15	3.82 No	1.5 Element Fault
SLP096	160	'553096315___/553096306_2'		3.9	5.4	10	2.104	1.5	9.08	3.82 No	1.5 Element Fault
SLP096	161	'121860558___/502228629'		3.8	5.4	10	2.104	4.7	9.1	3.82 No	2.104 Thermal Discharging
SLP096	162	'602052855___/602053320'		3.8	5.5	10	2.104	1.5	9.1	3.82 No	1.5 Element Fault
SLP096	163	'5934397___/5934411'		3.9	5.3	10	2.104	10	9.01	3.82 No	2.104 Thermal Discharging
SLP096	164	'602052836___/602052852'		3.8	5.5	10	2.104	1.5	9.09	3.82 No	1.5 Element Fault
SLP096	165	'602052837___/602052834'		3.8	5.5	10	2.104	1.5	9.09	3.82 No	1.5 Element Fault
SLP096	166	'602052849___/602052846'		3.8	5.5	10	2.104	1.5	9.09	3.82 No	1.5 Element Fault
SLP096	167	'602052843___/602052840'		3.8	5.5	10	2.104	1.5	9.09	3.82 No	1.5 Element Fault
SLP096	168	'8684769___/8684766_2'		1.3	1.87	3.33	0.704	0.3	3.06	1.27 No	0.3 Element Fault
SLP096	169	'118606983___/121860556_1'		3.8	5.4	10	2.104	0.9	9.07	3.82 No	0.9 Element Fault
SLP096	170	'9002358___/9316496_1'		3.9	5.3	10	2.104	3.4	8.98	3.82 No	2.104 Thermal Discharging
SLP096	171	'5916432___/5916429_2'		3.8	5.4	10	2.104	1.5	9.06	3.82 No	1.5 Element Fault
SLP096	172	'602053339___/602053371'		3.7	5.4	10	2.104	1.5	9.05	3.82 No	1.5 Element Fault
SLP096	173	'5925038___/5934394'		3.9	5.3	10	2.104	10	8.94	3.82 No	2.104 Thermal Discharging
SLP096	174	'7735606___/8374698_1'		3.9	5.3	10	2.104	10	8.93	3.82 No	2.104 Thermal Discharging
SLP096	175	'8374455___/9316496_2'		3.9	5.3	10	2.104	3.4	8.95	3.82 No	2.104 Thermal Discharging
SLP096	176	'8059447___/8059445_1'		1.3	1.77	3.33	0.704	0.5	2.98	1.27 No	0.5 Element Fault
SLP096	177	'502229162___/121860556_2'		3.8	5.3	10	2.104	0.9	9	3.82 No	0.9 Element Fault
SLP096	178	'5916449___/5948607_1'		1.27	1.77	3.33	0.704	0.3	3	1.27 No	0.3 Element Fault
SLP096	179	'7420338___/7736115_1'		3.8	5.3	10	2.104	0.9	9	3.82 No	0.9 Element Fault
SLP096	180	'5924923___/557082435_1'		1.3	1.77	3.33	0.704	0.5	2.98	1.27 No	0.5 Element Fault
SLP096	181	'5925039___/5926363_1'		1.3	1.77	3.33	0.704	0.5	2.96	1.27 No	0.5 Element Fault
SLP096	182	'486776578___/508635900'		3.2	4.5	10	2.104	4.7	8.99	3.82 No	2.104 Thermal Discharging
SLP096	183	'7736118___/7736115_2'		3.7	5.3	10	2.104	0.9	8.89	3.82 No	0.9 Element Fault
SLP096	184	'602053251___/602052964_2'		3.7	5.3	10	2.104	1.5	8.89	3.82 No	1.5 Element Fault
SLP096	185	'8374701___/8374698_2'		3.9	5.2	10	2.104	10	8.77	3.82 No	2.104 Thermal Discharging
SLP096	186	'127821701___/8374698_3'		3.9	5.2	10	2.104	10	8.76	3.82 No	2.104 Thermal Discharging
SLP096	187	'43812661___/43812663'		3.9	5.2	10	2.104	10	8.74	3.82 No	2.104 Thermal Discharging
SLP096	188	'602052918___/602052964_1'		3.7	5.3	10	2.104	1.5	8.85	3.82 No	1.5 Element Fault
SLP096	189	'121860577___/121860575'		3.7	5.2	10	2.104	0.9	8.82	3.82 No	0.9 Element Fault
SLP096	190	'670158123___/670158163'		3.7	5.2	10	2.104	1.5	8.8	3.82 No	1.5 Element Fault
SLP096	191	'670158141___/670158179'		3.7	5.2	10	2.104	1.5	8.76	3.82 No	1.5 Element Fault
SLP096	192	'43812674___/5934519'		3.8	5.1	10	2.104	10	8.61	3.82 No	2.104 Thermal Discharging
SLP096	193	'43812687___/5934502'		3.8	5	10	2.104	10	8.56	3.82 No	2.104 Thermal Discharging
SLP096	194	'5934468___/5934485'		3.8	5	10	2.104	10	8.5	3.82 No	2.104 Thermal Discharging
SLP096	195	'5934451___/5934465'		3.8	4.9	10	2.104	10	8.43	3.82 No	2.104 Thermal Discharging
SLP096	196	'7424641___/8684178_1'		3.8	5	10	2.104	1.6	8.44	3.82 No	1.6 Element Fault
SLP096	197	'5934434___/5934448'		3.8	4.9	10	2.104	10	8.4	3.82 No	2.104 Thermal Discharging
SLP096	198	'121860598___/121860596'		3.5	5.1	10	2.104	0.9	8.57	3.82 No	0.9 Element Fault
SLP096	199	'602053292___/602052994_1'		3.5	5	10	2.104	0.9	8.57	3.82 No	0.9 Element Fault
SLP096	200	'602053004___/602052994_2'		3.5	5	10	2.104	0.9	8.56	3.82 No	0.9 Element Fault
SLP096	201	'5948609___/5948607_2'		1.23	1.67	3.33	0.704	0.3	2.85	1.27 No	0.3 Element Fault
SLP096	202	'515657848___/417050271_1'		1.17	1.7	3.33	0.704	0.1	2.85	1.27 No	0.1 Element Fault
SLP096	203	'599221034___/550434508_1'		3.7	4.9	10	2.104	1.5	8.36	3.82 No	1.5 Element Fault
SLP096	204	'8059448___/8059445_2'		1.3	1.67	3.33	0.704	0.5	2.82	1.27 No	0.5 Element Fault
SLP096	205	'5925004___/602053019'		2.33	3.33	6.67	1.4	0.6	5.68	2.55 No	0.6 Element Fault
SLP096	206	'602053059___/602053056'		2.33	3.33	6.67	1.4	0.6	5.68	2.55 No	0.6 Element Fault
SLP096	207	'127821757___/5926363_2'		1.23	1.63	3.33	0.704	0.5	2.79	1.27 No	0.5 Element Fault
SLP096	208	'5934433___/5934431'		3.7	4.9	10	2.104	10	8.3	3.82 No	2.104 Thermal Discharging
SLP096	209	'435284437___/121860613'		3.5	5	10	2.104	0.9	8.48	3.82 No	0.9 Element Fault
SLP096	210	'7047874___/7104006'		3.7	4.8	10	2.104	10	8.25	3.82 No	2.104 Thermal Discharging
SLP096	211	'599221085___/550434465_1'		3.7	4.8	10	2.104	1.5	8.24	3.82 No	1.5 Element Fault
SLP096	212	'7047858___/7047872'		3.7	4.8	10	2.104	10	8.21	3.82 No	2.104 Thermal Discharging
SLP096	213	'7047911___/7047909_1'		3.7	4.8	10	2.104	2.4	8.2	3.82 No	2.104 Thermal Discharging
SLP096	214	'417050252___/417050271_2'		1.17	1.63	3.33	0.704	0.1	2.79	1.27 No	0.1 Element Fault
SLP096	215	'7047233___/7047909_2'		3.7	4.8	10	2.104	2.4	8.16	3.82 No	2.104 Thermal Discharging
SLP096	216	'7047895___/7047892'		3.7	4.8	10	2.104	10	8.16	3.82 No	2.104 Thermal Discharging
SLP096	217	'9679722___/9679720_1'		3.7	4.8	10	2.104	1.5	8.16	3.82 No	1.5 Element Fault
SLP096	218	'8374454___/8374452'		3.5	4.8	10	2.104	3.4	8.27	3.82 No	2.104 Thermal Discharging
SLP096	219	'7047946___/7047943'		3.7	4.7	10	2.104	10	8.1	3.82 No	2.104 Thermal Discharging
SLP096	220	'8374394___/8684178_2'		3.6	4.8	10	2.104	1.6	8.19	3.82 No	1.6 Element Fault
SLP096	221	'9679723___/9679720_2'		3.7	4.7	10	2.104	1.5	8.11	3.82 No	1.5 Element Fault
SLP096	222	'7047425___/7047960'		3.7	4.7	10	2.104	10	8.04	3.82 No	2.104 Thermal Discharging
SLP096	223	'9626970___/550434508_2'		3.6	4.7	10	2.104	1.5	8.1	3.82 No	1.5 Element Fault
SLP096	224	'7047426___/7047440_1'		3.7	4.7	10	2.104	2.5	8.01	3.82 No	2.104 Thermal Discharging
SLP096	225	'7478428___/550434465_2'		3.6	4.7	10	2.104	1.5	8.07	3.82 No	1.5 Element Fault
SLP096	226	'7051876___/7051873'		3.6	4.6	10	2.104	10	7.97	3.82 No	2.104 Thermal Discharging
SLP096	227	'121860001___/435284439'		3.3	4.8	10	2.104	0.9	8.22	3.82 No	0.9 Element Fault
SLP096	228	'7474654___/7474652_1'		3.6	4.6	10	2.104	1.6	7.95	3.82 No	1.6 Element Fault
SLP096	229	'653828210___/653828152_1'		1.1	1.6	3.33	0.704	0.1	2.73	1.27 No	0.1 Element Fault
SLP096	230	'44048546___/7047440_2'		3.6	4.6	10	2.104	2.5	7.96	3.82 No	2.104 Thermal Discharging
SLP096	231	'7051909___/7051906'		3.6	4.6	10	2.104	10	7.93	3.82 No	2.104 Thermal Discharging
SLP096	232	'153474440___/7052759_1'		2.4	3.07	6.67	1.4	1	5.28	2.55 No	1 Element Fault
SLP096	233	'7051926___/7051923'		3.6	4.6	10	2.104	10	7.91	3.82 No	2.104 Thermal Discharging
SLP096	234	'8107520___/8107518_1'		3.6	4.6	10	2.104	10	7.9	3.82 No	2.104 Thermal Discharging
SLP096	235	'8374379___/8374376'		1.23	1.57	3.33	0.704	0.5	2.69	1.27 No	0.5 Element Fault

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SLP096	236	'121860011_/_121860009'	3.3	4.8	10	2.104	0.9	8.13	3.82 No	0.9	Element Fault
SLP096	237	'7052762_/_7052759_2'	2.4	3.07	6.67	1.4	1	5.22	2.55 No	1	Element Fault
SLP096	238	'7047465_/_7051856'	3.6	4.6	10	2.104	2.5	7.84	3.82 No	2.104	Thermal Discharging
SLP096	239	'7051843_/_7052775'	2.4	3	6.67	1.4	1	5.2	2.55 No	1	Element Fault
SLP096	240	'7047482_/_7047480_2'	3.5	4.6	10	2.104	3.5	7.87	3.82 No	2.104	Thermal Discharging
SLP096	241	'7047234_/_7047231'	3.5	4.6	10	2.104	2.4	7.84	3.82 No	2.104	Thermal Discharging
SLP096	242	'9051457_/_9679700_1'	3.6	4.6	10	2.104	1.6	7.81	3.82 No	1.6	Element Fault
SLP096	243	'8374395_/_8374392'	3.4	4.5	10	2.104	1.6	7.86	3.82 No	1.6	Element Fault
SLP096	244	'44048533_/_7047480_1'	3.5	4.5	10	2.104	1.7	7.8	3.82 No	1.7	Element Fault
SLP096	245	'550434236_/_550434282'	3.4	4.5	10	2.104	1.5	7.79	3.82 No	1.5	Element Fault
SLP096	246	'502229368_/_653828152_2'	1.1	1.57	3.33	0.704	0.1	2.65	1.27 No	0.1	Element Fault
SLP096	247	'393144759_/_9316380'	3.4	4.5	10	2.104	1.6	7.82	3.82 No	1.6	Element Fault
SLP096	248	'7474655_/_7474652_2'	3.5	4.5	10	2.104	1.6	7.7	3.82 No	1.6	Element Fault
SLP096	249	'7048016_/_7048014'	3.5	4.5	10	2.104	2.5	7.68	3.82 No	2.104	Thermal Discharging
SLP096	250	'38008847_/_8107518_2'	3.4	4.4	10	2.104	10	7.64	3.82 No	2.104	Thermal Discharging
SLP096	251	'404795183_/_38008844'	3.4	4.4	10	2.104	10	7.64	3.82 No	2.104	Thermal Discharging
SLP096	252	'38008819_/_38008816'	1.13	1.47	3.33	0.704	1.5	2.55	1.27 No	0.704	Thermal Discharging
SLP096	253	'38008833_/_38008830'	3.4	4.4	10	2.104	5.1	7.63	3.82 No	2.104	Thermal Discharging
SLP096	254	'38008861_/_38008858'	3.4	4.4	10	2.104	10	7.63	3.82 No	2.104	Thermal Discharging
SLP096	255	'550434258_/_626299345'	3.4	4.5	10	2.104	1.5	7.74	3.82 No	1.5	Element Fault
SLP096	256	'7047251_/_7047248'	3.4	4.5	10	2.104	2.4	7.7	3.82 No	2.104	Thermal Discharging
SLP096	257	'626299322_/_550434438_1'	3.4	4.5	10	2.104	1.5	7.72	3.82 No	1.5	Element Fault
SLP096	258	'8684748_/_8684746'	3.2	4.5	10	2.104	3.4	7.79	3.82 No	2.104	Thermal Discharging
SLP096	259	'5925837_/_5925835'	1.1	1.5	3.33	0.704	0.5	2.57	1.27 No	0.5	Element Fault
SLP096	260	'9679703_/_9679700_2'	3.4	4.4	10	2.104	1.6	7.59	3.82 No	1.6	Element Fault
SLP096	261	'359360357_/_359360354'	3.4	4.4	10	2.104	2.5	7.58	3.82 No	2.104	Thermal Discharging
SLP096	262	'359360500_/_359360417_1'	3.4	4.4	10	2.104	0.9	7.58	3.82 No	0.9	Element Fault
SLP096	263	'7047213_/_7047500'	3.4	4.4	10	2.104	1.7	7.62	3.82 No	1.7	Element Fault
SLP096	264	'9316383_/_393144779'	3.3	4.4	10	2.104	1.6	7.67	3.82 No	1.6	Element Fault
SLP096	265	'44048585_/_7051841'	2.27	2.87	6.67	1.4	1	5	2.55 No	1	Element Fault
SLP096	266	'359360398_/_359360417_2'	3.3	4.4	10	2.104	0.9	7.51	3.82 No	0.9	Element Fault
SLP096	267	'551642941_/_551642862_1'	3.4	4.3	10	2.104	10	7.42	3.82 No	2.104	Thermal Discharging
SLP096	268	'65022921_/_65022930'	3.3	4.3	10	2.104	1.7	7.53	3.82 No	1.7	Element Fault
SLP096	269	'7051430_/_551642862_2'	3.4	4.3	10	2.104	10	7.42	3.82 No	2.104	Thermal Discharging
SLP096	270	'473911945_/_473911961'	1.1	1.53	3.33	0.704	1.57	2.45	1.27 No	0.704	Thermal Discharging
SLP096	271	'473911977_/_473911985'	1	1.53	3.33	0.704	1.57	2.44	1.27 No	0.704	Thermal Discharging
SLP096	272	'7051429_/_7051427'	3.4	4.3	10	2.104	10	7.39	3.82 No	2.104	Thermal Discharging
SLP096	273	'7053400_/_7053414'	3.4	4.3	10	2.104	10	7.38	3.82 No	2.104	Thermal Discharging
SLP096	274	'7051363_/_7051361'	3.3	4.3	10	2.104	2.5	7.42	3.82 No	2.104	Thermal Discharging
SLP096	275	'8417818_/_8417816'	3.4	4.3	10	2.104	10	7.37	3.82 No	2.104	Thermal Discharging
SLP096	276	'437929059_/_7053397'	3.4	4.3	10	2.104	10	7.35	3.82 No	2.104	Thermal Discharging
SLP096	277	'8734631_/_9680084_1'	2.7	3.5	10	2.104	0.9	7.4	3.82 No	0.9	Element Fault
SLP096	278	'44048572_/_7048077'	3.3	4.3	10	2.104	2.4	7.45	3.82 No	2.104	Thermal Discharging
SLP096	279	'8734302_/_8734300_1'	3.4	4.3	10	2.104	1.7	7.36	3.82 No	1.7	Element Fault
SLP096	280	'44048559_/_7047268'	3.3	4.3	10	2.104	2.4	7.45	3.82 No	2.104	Thermal Discharging
SLP096	281	'7047214_/_7047211'	3.3	4.3	10	2.104	1.7	7.46	3.82 No	1.7	Element Fault
SLP096	282	'437929256_/_437929197_1'	3.4	4.3	10	2.104	1.6	7.34	3.82 No	1.6	Element Fault
SLP096	283	'7047712_/_437929067'	3.4	4.3	10	2.104	10	7.34	3.82 No	2.104	Thermal Discharging
SLP096	284	'7051447_/_7051464'	3.4	4.2	10	2.104	10	7.32	3.82 No	2.104	Thermal Discharging
SLP096	285	'449977363_/_527104805'	3.3	4.2	10	2.104	10	7.29	3.82 No	2.104	Thermal Discharging
SLP096	286	'396872017_/_396872036'	3.2	4.3	10	2.104	1.6	7.46	3.82 No	1.6	Element Fault
SLP096	287	'575805475_/_7051444'	3.3	4.2	10	2.104	10	7.26	3.82 No	2.104	Thermal Discharging
SLP096	288	'9627276_/_9627273'	3.1	4.3	10	2.104	3.4	7.48	3.82 No	2.104	Thermal Discharging
SLP096	289	'8417819_/_449977391'	3.3	4.2	10	2.104	10	7.26	3.82 No	2.104	Thermal Discharging
SLP096	290	'569975415_/_575805481'	3.3	4.2	10	2.104	10	7.22	3.82 No	2.104	Thermal Discharging
SLP096	291	'437929116_/_437929197_2'	3.3	4.2	10	2.104	1.6	7.24	3.82 No	1.6	Element Fault
SLP096	292	'437929107_/_437929113'	3.3	4.2	10	2.104	1.6	7.24	3.82 No	1.6	Element Fault
SLP096	293	'437929108_/_437929105'	3.3	4.2	10	2.104	1.6	7.24	3.82 No	1.6	Element Fault
SLP096	294	'437929124_/_437929121'	3.3	4.2	10	2.104	1.6	7.24	3.82 No	1.6	Element Fault
SLP096	295	'437929132_/_437929129'	3.3	4.2	10	2.104	1.6	7.24	3.82 No	1.6	Element Fault
SLP096	296	'569975562_/_569975559'	3.3	4.2	10	2.104	10	7.19	3.82 No	2.104	Thermal Discharging
SLP096	297	'569975891_/_569975715_2'	3.3	4.2	10	2.104	5.4	7.2	3.82 No	2.104	Thermal Discharging
SLP096	298	'7048097_/_7048094'	3.2	4.2	10	2.104	2.4	7.31	3.82 No	2.104	Thermal Discharging
SLP096	299	'8107485_/_8107482'	1.07	1.4	3.33	0.704	1.5	2.41	1.27 No	0.704	Thermal Discharging
SLP096	300	'468894158_/_468894177'	3.3	4.2	10	2.104	1.6	7.19	3.82 No	1.6	Element Fault
SLP096	301	'569975586_/_569975583'	3.3	4.2	10	2.104	10	7.13	3.82 No	2.104	Thermal Discharging
SLP096	302	'7425042_/_9627293'	3	4.3	10	2.104	3.4	7.38	3.82 No	2.104	Thermal Discharging
SLP096	303	'555352666_/_569975715_1'	3.3	4.1	10	2.104	1.5	7.14	3.82 No	1.5	Element Fault
SLP096	304	'569975604_/_569975601'	3.3	4.1	10	2.104	10	7.11	3.82 No	2.104	Thermal Discharging
SLP096	305	'569975486_/_569975619'	3.3	4.1	10	2.104	10	7.09	3.82 No	2.104	Thermal Discharging
SLP096	306	'8107344_/_9680008'	3.2	4.1	10	2.104	10	7.07	3.82 No	2.104	Thermal Discharging
SLP096	307	'7047288_/_44048561'	3.1	4.1	10	2.104	2.4	7.19	3.82 No	2.104	Thermal Discharging
SLP096	308	'5915911_/_7125934_2'	3.2	4.1	10	2.104	10	7.01	3.82 No	2.104	Thermal Discharging
SLP096	309	'7425043_/_7425040'	3	4.2	10	2.104	3.4	7.27	3.82 No	2.104	Thermal Discharging
SLP096	310	'43812558_/_7125934_1'	3.2	4.1	10	2.104	10	7	3.82 No	2.104	Thermal Discharging
SLP096	311	'7047348_/_44048587'	2.07	2.73	6.67	1.4	1	4.74	2.55 No	1	Element Fault
SLP096	312	'9345511_/_9345652_1'	3.1	4.1	10	2.104	1.5	7.16	3.82 No	1.5	Element Fault
SLP096	313	'38008511_/_8107342'	3.2	4.1	10	2.104	10	7.03	3.82 No	2.104	Thermal Discharging
SLP096	314	'7048114_/_7048111'	3.1	4.1	10	2.104	2.4	7.14	3.82 No	2.104	Thermal Discharging
SLP096	315	'450956992_/_437929382'	3.2	4.1	10	2.104	1.6	7.05	3.82 No	1.6	Element Fault
SLP096	316	'8417522_/_8417520_1'	3.1	4.1	10	2.104	1.5	7.12	3.82 No	1.5	Element Fault
SLP096	317	'5915894_/_5915908'	3.2	4.1	10	2.104	10	6.94	3.82 No	2.104	Thermal Discharging
SLP096	318	'5925854_/_5925851'	1	1.4	3.33	0.704	0.5	2.39	1.27 No	0.5	Element Fault
SLP096	319	'5915893_/_5915891'	3.2	4	10	2.104	10	6.9	3.82 No	2.104	Thermal Discharging
SLP096	320	'8417523_/_8417520_2'	3	4.1	10	2.104	1.5	7.06	3.82 No	1.5	Element Fault
SLP096	321	'43818819_/_43818821'	3.2	4	10	2.104	10	6.88	3.82 No	2.104	Thermal Discharging
SLP096	322	'5938603_/_5938601'	3.2	4	10	2.104	1.6	6.86	3.82 No	1.6	Element Fault
SLP096	323	'5924573_/_5938621'	3.2	4	10	2.104	10	6.85	3.82 No	2.104	Thermal Discharging
SLP096	324	'7474619_/_583296284'	3.1	4	10	2.104	1.6	6.95	3.82 No	1.6	Element Fault
SLP096	325	'7047363_/_7047360'	2	2.67	6.67	1.4	1	4.65	2.55 No	1	Element Fault
SLP096	326	'5924572_/_5926537_1'	3.2	4	10	2.104	1.5	6.83	3.82 No	1.5	Element Fault
SLP096	327	'5934363_/_5934377'	3.1	4	10	2.104	10	6.83	3.82 No	2.104	Thermal Discharging
SLP096	328	'7785519_/_8734300_2'	3.1	4	10	2.104	1.7	6.92	3.82 No	1.7	Element Fault
SLP096	329	'5924767_/_5934360'	3.1	4	10	2.104	10	6.8	3.82 No	2.104	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over- Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SLP096	330	'7047393_/_7047390'		2	2.67	6.67	1.4	1	4.63	2.55 No	1 Element Fault
SLP096	331	'5934312_/_5934326'		3.1	4	10	2.104	10	6.77	3.82 No	2.104 Thermal Discharging
SLP096	332	'7047305_/_7047302'		3	4	10	2.104	2.4	6.98	3.82 No	2.104 Thermal Discharging
SLP096	333	'5934295_/_5934309'		3.1	4	10	2.104	10	6.73	3.82 No	2.104 Thermal Discharging
SLP096	334	'5924768_/_5924778_1'		1.03	1.33	3.33	0.704	0.5	2.25	1.27 No	0.5 Element Fault
SLP096	335	'437929333_/_450957014'		3.1	3.9	10	2.104	1.6	6.84	3.82 No	1.6 Element Fault
SLP096	336	'5924935_/_5926537_2'		3.1	3.9	10	2.104	1.5	6.74	3.82 No	1.5 Element Fault
SLP096	337	'8059704_/_9316340'		3.1	3.9	10	2.104	1.6	6.75	3.82 No	1.6 Element Fault
SLP096	338	'9345846_/_9345844'		3	3.9	10	2.104	5.1	6.85	3.82 No	2.104 Thermal Discharging
SLP096	339	'5924854_/_5934292'		3.1	3.9	10	2.104	10	6.69	3.82 No	2.104 Thermal Discharging
SLP096	340	'7047411_/_7047408'		2	2.6	6.67	1.4	1	4.57	2.55 No	1 Element Fault
SLP096	341	'7047378_/_7047375'		2	2.6	6.67	1.4	1	4.57	2.55 No	1 Element Fault
SLP096	342	'5925867_/_5925864'		0.97	1.33	3.33	0.704	0.5	2.32	1.27 No	0.5 Element Fault
SLP096	343	'5924838_/_5924836_1'		1.03	1.3	3.33	0.704	0.5	2.22	1.27 No	0.5 Element Fault
SLP096	344	'44048698_/_7048196'		2.9	3.9	10	2.104	2.4	6.87	3.82 No	2.104 Thermal Discharging
SLP096	345	'5934277_/_5934275'		3.1	3.9	10	2.104	10	6.64	3.82 No	2.104 Thermal Discharging
SLP096	346	'253129588_/_253129532_1'		0.97	1.33	3.33	0.704	0.3	2.3	1.27 No	0.3 Element Fault
SLP096	347	'361482350_/_361482409_2'		2.9	3.9	10	2.104	2.4	6.86	3.82 No	2.104 Thermal Discharging
SLP096	348	'43812626_/_5924836_2'		1.03	1.3	3.33	0.704	0.5	2.2	1.27 No	0.5 Element Fault
SLP096	349	'104066934_/_437929337'		3	3.9	10	2.104	1.6	6.74	3.82 No	1.6 Element Fault
SLP096	350	'43812076_/_43812078'		3	3.9	10	2.104	10	6.59	3.82 No	2.104 Thermal Discharging
SLP096	351	'437929261_/_437929300'		1	1.3	3.33	0.704	0.53	2.24	1.27 No	0.53 Element Fault
SLP096	352	'5923373_/_5933968'		3	3.9	10	2.104	10	6.56	3.82 No	2.104 Thermal Discharging
SLP096	353	'7785520_/_7785517'		3	3.8	10	2.104	1.7	6.71	3.82 No	1.7 Element Fault
SLP096	354	'5924781_/_5924778_2'		1	1.3	3.33	0.704	0.5	2.19	1.27 No	0.5 Element Fault
SLP096	355	'5923358_/_5923355_2'		1	1.3	3.33	0.704	1.4	2.18	1.27 No	0.704 Thermal Discharging
SLP096	356	'5933988_/_5933985'		3	3.9	10	2.104	10	6.52	3.82 No	2.104 Thermal Discharging
SLP096	357	'7047328_/_7047325'		2.8	3.9	10	2.104	2.4	6.76	3.82 No	2.104 Thermal Discharging
SLP096	358	'5934005_/_5934002'		3	3.8	10	2.104	10	6.49	3.82 No	2.104 Thermal Discharging
SLP096	359	'5924936_/_5924933'		3	3.8	10	2.104	1.5	6.56	3.82 No	1.5 Element Fault
SLP096	360	'8059684_/_8059701'		3	3.8	10	2.104	1.6	6.55	3.82 No	1.6 Element Fault
SLP096	361	'5915014_/_5934019'		3	3.8	10	2.104	10	6.46	3.82 No	2.104 Thermal Discharging
SLP096	362	'5924867_/_5924865_2'		1	1.27	3.33	0.704	0.5	2.16	1.27 No	0.5 Element Fault
SLP096	363	'111463748_/_111463760'		0.97	1.27	3.33	0.704	0.53	2.2	1.27 No	0.53 Element Fault
SLP096	364	'8684237_/_9316360_1'		3	3.8	10	2.104	0.9	6.53	3.82 No	0.9 Element Fault
SLP096	365	'5934079_/_5934076'		3	3.8	10	2.104	10	6.42	3.82 No	2.104 Thermal Discharging
SLP096	366	'9051574_/_361482409_1'		2.8	3.8	10	2.104	1.5	6.67	3.82 No	1.5 Element Fault
SLP096	367	'43812065_/_5923355_1'		1	1.27	3.33	0.704	0.5	2.14	1.27 No	0.5 Element Fault
SLP096	368	'43812615_/_5924865_1'		1	1.27	3.33	0.704	0.5	2.15	1.27 No	0.5 Element Fault
SLP096	369	'5925880_/_5925877'		0.93	1.3	3.33	0.704	0.5	2.23	1.27 No	0.5 Element Fault
SLP096	370	'5915015_/_5915032_1'		2.9	3.8	10	2.104	1.6	6.41	3.82 No	1.6 Element Fault
SLP096	371	'5934096_/_5934093'		2.9	3.8	10	2.104	10	6.39	3.82 No	2.104 Thermal Discharging
SLP096	372	'7736489_/_9627313'		2.7	3.9	10	2.104	3.4	6.72	3.82 No	2.104 Thermal Discharging
SLP096	373	'5915091_/_5934110_1'		2.9	3.8	10	2.104	10	6.36	3.82 No	2.104 Thermal Discharging
SLP096	374	'5934129_/_5934110_2'		2.9	3.8	10	2.104	10	6.36	3.82 No	2.104 Thermal Discharging
SLP096	375	'9680030_/_9680028'		2.8	3.7	10	2.104	5.1	6.56	3.82 No	2.104 Thermal Discharging
SLP096	376	'43812325_/_5915032_2'		2.9	3.8	10	2.104	1.6	6.36	3.82 No	1.6 Element Fault
SLP096	377	'5934130_/_5934127'		2.9	3.8	10	2.104	10	6.32	3.82 No	2.104 Thermal Discharging
SLP096	378	'43812257_/_5934161'		2.9	3.7	10	2.104	10	6.3	3.82 No	2.104 Thermal Discharging
SLP096	379	'5915092_/_5915105_1'		0.97	1.23	3.33	0.704	0.5	2.1	1.27 No	0.5 Element Fault
SLP096	380	'7736490_/_7736487'		2.6	3.8	10	2.104	3.4	6.64	3.82 No	2.104 Thermal Discharging
SLP096	381	'8059683_/_8059681'		2.9	3.7	10	2.104	1.6	6.4	3.82 No	1.6 Element Fault
SLP096	382	'43812244_/_5934178'		2.9	3.7	10	2.104	10	6.27	3.82 No	2.104 Thermal Discharging
SLP096	383	'5924955_/_5924953'		1	1.23	3.33	0.704	0.5	2.13	1.27 No	0.5 Element Fault
SLP096	384	'5924797_/_5924794'		0.97	1.23	3.33	0.704	0.5	2.12	1.27 No	0.5 Element Fault
SLP096	385	'5923344_/_5923342'		0.97	1.23	3.33	0.704	0.5	2.1	1.27 No	0.5 Element Fault
SLP096	386	'9345655_/_9345652_2'		2.7	3.7	10	2.104	1.5	6.54	3.82 No	1.5 Element Fault
SLP096	387	'7424660_/_9316360_2'		2.9	3.7	10	2.104	0.9	6.37	3.82 No	0.9 Element Fault
SLP096	388	'594199912_/_594199942'		2.8	3.7	10	2.104	1.7	6.45	3.82 No	1.7 Element Fault
SLP096	389	'5924880_/_5924878'		0.97	1.23	3.33	0.704	0.5	2.1	1.27 No	0.5 Element Fault
SLP096	390	'7048131_/_7048128'		2.7	3.7	10	2.104	2.4	6.53	3.82 No	2.104 Thermal Discharging
SLP096	391	'8734266_/_349018997'		2.8	3.7	10	2.104	1.7	6.41	3.82 No	1.7 Element Fault
SLP096	392	'7736510_/_7736507'		2.6	3.8	10	2.104	3.4	6.56	3.82 No	2.104 Thermal Discharging
SLP096	393	'50345406_/_9345828_1'		0.93	1.23	3.33	0.704	0.5	2.14	1.27 No	0.5 Element Fault
SLP096	394	'468371506_/_594199760_2'		2.8	3.7	10	2.104	1.7	6.4	3.82 No	1.7 Element Fault
SLP096	395	'8374780_/_8374778'		2.8	3.6	10	2.104	1.6	6.26	3.82 No	1.6 Element Fault
SLP096	396	'7052807_/_9345828_2'		0.9	1.2	3.33	0.704	0.5	2.12	1.27 No	0.5 Element Fault
SLP096	397	'345630986_/_43812327'		2.8	3.6	10	2.104	1.6	6.19	3.82 No	1.6 Element Fault
SLP096	398	'5915108_/_5915105_2'		0.93	1.2	3.33	0.704	0.5	2.05	1.27 No	0.5 Element Fault
SLP096	399	'5924739_/_5924891'		0.93	1.2	3.33	0.704	0.5	2.06	1.27 No	0.5 Element Fault
SLP096	400	'50869637_/_43812726'		1	1.2	3.33	0.704	0.5	2.06	1.27 No	0.5 Element Fault
SLP096	401	'44048711_/_7048162'		2.6	3.6	10	2.104	2.4	6.34	3.82 No	2.104 Thermal Discharging
SLP096	402	'43813173_/_5925890'		0.87	1.23	3.33	0.704	0.5	2.11	1.27 No	0.5 Element Fault
SLP096	403	'7736529_/_9316748'		2.5	3.6	10	2.104	3.4	6.36	3.82 No	2.104 Thermal Discharging
SLP096	404	'5915121_/_5915118'		0.9	1.2	3.33	0.704	0.5	2.01	1.27 No	0.5 Element Fault
SLP096	405	'7736530_/_7736527'		2.5	3.6	10	2.104	3.4	6.33	3.82 No	2.104 Thermal Discharging
SLP096	406	'7052808_/_7052805'		0.9	1.17	3.33	0.704	0.5	2.06	1.27 No	0.5 Element Fault
SLP096	407	'8685489_/_8685486'		2.5	3.6	10	2.104	3.4	6.3	3.82 No	2.104 Thermal Discharging
SLP096	408	'9002338_/_9002759'		2.7	3.5	10	2.104	1.6	6.08	3.82 No	1.6 Element Fault
SLP096	409	'9680066_/_9680064'		2.6	3.5	10	2.104	5.1	6.17	3.82 No	2.104 Thermal Discharging
SLP096	410	'7424661_/_7424658_1'		2.5	3.3	10	2.104	1.6	6.08	3.82 No	1.6 Element Fault
SLP096	411	'253129566_/_253129532_2'		0.87	1.2	3.33	0.704	0.2	2.08	1.27 No	0.2 Element Fault
SLP096	412	'253129490_/_253129532_3'		0.87	1.2	3.33	0.704	0.2	2.07	1.27 No	0.2 Element Fault
SLP096	413	'5924738_/_5924736'		0.9	1.17	3.33	0.704	0.5	1.98	1.27 No	0.5 Element Fault
SLP096	414	'8685509_/_8685506'		2.4	3.5	10	2.104	3.4	6.18	3.82 No	2.104 Thermal Discharging
SLP096	415	'7048148_/_7048145'		2.5	3.5	10	2.104	2.4	6.13	3.82 No	2.104 Thermal Discharging
SLP096	416	'509160794_/_509160791'		2.5	3.4	10	2.104	2.4	6.09	3.82 No	2.104 Thermal Discharging
SLP096	417	'9002318_/_9002335'		2.6	3.4	10	2.104	1.6	5.93	3.82 No	1.6 Element Fault
SLP096	418	'509160881_/_509160842_1'		2.5	3.4	10	2.104	1.5	6.08	3.82 No	1.5 Element Fault
SLP096	419	'509160892_/_509160842_2'		2.5	3.4	10	2.104	1.5	6.05	3.82 No	1.5 Element Fault
SLP096	420	'5944900_/_253129464'		0.83	1.17	3.33	0.704	0.2	2	1.27 No	0.2 Element Fault
SLP096	421	'8685529_/_8685526'		2.4	3.4	10	2.104	3.4	6.04	3.82 No	2.104 Thermal Discharging
SLP096	422	'111884511_/_509160898'		2.4	3.4	10	2.104	1.5	5.99	3.82 No	1.5 Element Fault
SLP096	423	'5925906_/_5925903'		0.8	1.13	3.33	0.704	0.5	1.98	1.27 No	0.5 Element Fault

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SLP096	424	'7735432_/_9002315'	2.5	3.3	10	2.104	1.6	5.8	3.82 No	1.6	Element Fault
SLP096	425	'5924754_/_5924752'	0.83	1.1	3.33	0.704	0.5	1.9	1.27 No	0.5	Element Fault
SLP096	426	'5944901_/_43813337'	0.8	1.1	3.33	0.704	0.2	1.93	1.27 No	0.2	Element Fault
SLP096	427	'5925932_/_5925942'	0.77	1.1	3.33	0.704	0.5	1.89	1.27 No	0.5	Element Fault
SLP096	428	'43813346_/_5944911'	0.73	1.07	3.33	0.704	0.2	1.85	1.27 No	0.2	Element Fault
SLP096	429	'7425619_/_7425616'	2.1	3.2	10	2.104	3.4	5.54	3.82 No	2.1	Primary Over-Voltage
SLP096	430	'43813324_/_43813326'	0.73	1.03	3.33	0.704	0.5	1.8	1.27 No	0.5	Element Fault
SLP096	431	'5944927_/_43813348'	0.7	1	3.33	0.704	0.2	1.76	1.27 No	0.2	Element Fault
SLP096	432	'44883956_/_5925916'	0.7	1	3.33	0.704	0.5	1.73	1.27 No	0.5	Element Fault
SLP096	433	'5944846_/_5944937'	0.7	1	3.33	0.704	0.2	1.72	1.27 No	0.2	Element Fault
SLP096	434	'5944833_/_5944843'	0.67	0.97	3.33	0.704	0.2	1.7	1.27 No	0.2	Element Fault
SLP096	435	'5944953_/_5944950'	0.67	0.97	3.33	0.704	0.2	1.68	1.27 No	0.2	Element Fault
SLP096	436	'5944820_/_5944830'	0.67	0.97	3.33	0.704	0.2	1.67	1.27 No	0.2	Element Fault
SLP096	437	'5944807_/_5944817'	0.67	0.93	3.33	0.704	0.2	1.63	1.27 No	0.2	Element Fault
SLP096	438	'5944794_/_5944804'	0.63	0.93	3.33	0.704	0.2	1.6	1.27 No	0.2	Element Fault
SLP096	439	'5944871_/_5944869'	0.63	0.93	3.33	0.704	0.2	1.59	1.27 No	0.2	Element Fault
SLP096	440	'5944781_/_5944791'	0.63	0.9	3.33	0.704	0.2	1.57	1.27 No	0.2	Element Fault
SLP096	441	'5944765_/_5944778'	0.63	0.9	3.33	0.704	0.2	1.55	1.27 No	0.2	Element Fault
SLP096	442	'43820082_/_43820084'	0.6	0.87	3.33	0.704	0.2	1.53	1.27 No	0.2	Element Fault
SLP096	443	'5944764_/_43813359'	0.6	0.87	3.33	0.704	0.2	1.52	1.27 No	0.2	Element Fault
SLP096	444	'5944859_/_5950579'	0.6	0.87	3.33	0.704	0.2	1.48	1.27 No	0.2	Element Fault
SLP096	445	'5944858_/_5944856'	0.57	0.83	3.33	0.704	0.2	1.43	1.27 No	0.2	Element Fault
SLP097	0	'SLP097_/_9628591'	10	10	10	1.272	10	10	4.81 No	1.272	Thermal Discharging
SLP097	1	'7426029_/_9628591'	10	10	10	1.272	10	10	4.81 No	1.272	Thermal Discharging
SLP097	2	'7426028_/_7426026'	10	10	10	1.272	10	10	4.81 No	1.272	Thermal Discharging
SLP097	3	'7426049_/_7426046'	10	10	10	1.272	10	10	4.81 No	1.272	Thermal Discharging
SLP097	4	'8748619_/_9318270'	10	10	10	1.272	10	10	4.81 No	1.272	Thermal Discharging
SLP097	5	'443820208_/_8748616'	10	10	10	1.272	10	10	4.81 No	1.272	Thermal Discharging
SLP097	6	'8061137_/_443820268'	10	10	10	1.272	10	10	4.81 No	1.272	Thermal Discharging
SLP097	7	'7736799_/_8061135'	10	10	10	1.272	10	10	4.81 No	1.272	Thermal Discharging
SLP097	8	'7425298_/_7736797'	10	10	10	1.272	10	10	4.81 No	1.272	Thermal Discharging
SLP097	9	'7425299_/_7425296'	10	10	10	1.272	10	10	4.81 No	1.272	Thermal Discharging
SLP097	10	'582993693_/_582993676'	10	10	10	1.272	10	10	4.81 No	1.272	Thermal Discharging
SLP097	11	'582993777_/_582993760'	10	10	10	1.272	10	10	4.81 No	1.272	Thermal Discharging
SLP097	12	'8375443_/_582993844'	10	10	10	1.272	10	10	4.81 No	1.272	Thermal Discharging
SLP097	13	'8060317_/_9628141'	10	10	10	1.272	10	10	4.81 No	1.272	Thermal Discharging
SLP097	14	'7425398_/_8060315'	10	10	10	1.272	10	10	4.81 No	1.272	Thermal Discharging
SLP097	15	'7425399_/_7425396'	10	10	10	1.272	10	10	4.81 No	1.272	Thermal Discharging
SLP097	16	'7425928_/_8375776'	10	10	10	1.272	10	10	4.81 No	1.272	Thermal Discharging
SLP097	17	'7425929_/_7425926'	10	10	10	1.272	10	10	4.81 No	1.272	Thermal Discharging
SLP097	18	'8060799_/_8060797'	10	10	10	1.272	10	10	4.81 No	1.272	Thermal Discharging
SLP097	19	'8375000_/_8684972'	10	10	10	1.272	10	10	4.81 No	1.272	Thermal Discharging
SLP097	20	'8375001_/_8374998'	10	10	10	1.272	10	10	4.81 No	1.272	Thermal Discharging
SLP097	21	'7420087_/_9002975'	10	10	10	1.272	10	10	4.81 No	1.272	Thermal Discharging
SLP097	22	'7420088_/_7420085'	10	10	10	1.272	10	10	4.81 No	1.272	Thermal Discharging
SLP097	23	'8059880_/_8059877'	10	10	10	1.272	10	10	4.81 No	1.272	Thermal Discharging
SLP097	24	'8684995_/_492629824'	10	10	10	1.272	10	10	4.81 No	1.272	Thermal Discharging
SLP097	25	'7420147_/_9316942'	10	10	10	1.272	10	10	4.81 No	1.272	Thermal Discharging
SLP097	26	'7420148_/_7420145'	10	10	10	1.272	10	10	4.81 No	1.272	Thermal Discharging
SLP097	27	'5941843_/_9002819'	10	10	10	1.272	10	10	4.81 No	1.272	Thermal Discharging
SLP097	28	'441889730_/_5941841'	10	10	10	1.272	10	10	4.81 No	1.272	Thermal Discharging
SLP097	29	'5940695_/_441889732'	10	10	10	1.272	10	10	4.81 No	1.272	Thermal Discharging
SLP097	30	'5941396_/_5941393'	10	10	10	1.272	10	10	4.81 No	1.272	Thermal Discharging
SLP097	31	'5941864_/_5941861'	10	10	10	1.272	10	10	4.81 No	1.272	Thermal Discharging
SLP097	32	'5941820_/_5941878'	10	10	10	1.272	10	10	4.81 No	1.272	Thermal Discharging
SLP097	33	'5940696_/_5940693'	10	10	10	1.272	3.3	10	4.81 No	1.272	Thermal Discharging
SLP097	34	'43818702_/_5941895'	10	10	10	1.272	10	10	4.81 No	1.272	Thermal Discharging
SLP097	35	'386240344_/_5941912'	10	10	10	1.272	10	10	4.81 No	1.272	Thermal Discharging
SLP097	36	'5941744_/_386240350'	10	10	10	1.272	10	10	4.81 No	1.272	Thermal Discharging
SLP097	37	'5941705_/_5941742'	10	10	10	1.272	10	10	4.81 No	1.272	Thermal Discharging
SLP097	38	'43818689_/_5941818'	10	10	10	1.272	3.3	10	4.81 No	1.272	Thermal Discharging
SLP097	39	'5941762_/_5941759'	10	10	10	1.272	10	10	4.81 No	1.272	Thermal Discharging
SLP097	40	'43818055_/_5941680'	10	10	10	1.272	3.3	10	4.81 No	1.272	Thermal Discharging
SLP097	41	'8375482_/_8375480_1'	10	10	10	1.272	1.6	10	4.81 No	1.272	Thermal Discharging
SLP097	42	'5950564_/_5950943'	10	10	10	1.272	10	10	4.81 No	1.272	Thermal Discharging
SLP097	43	'5941706_/_5941703'	10	10	10	1.272	3.3	10	4.81 No	1.272	Thermal Discharging
SLP097	44	'5941821_/_43818691'	10	10	10	1.272	3.3	10	4.81 No	1.272	Thermal Discharging
SLP097	45	'7425888_/_7425886_1'	10	10	10	1.272	0.9	10	4.81 No	0.9	Element Fault
SLP097	46	'386240401_/_5950562'	10	10	10	1.272	10	10	4.81 No	1.272	Thermal Discharging
SLP097	47	'5949423_/_5949461'	10	10	10	1.272	10	10	4.81 No	1.272	Thermal Discharging
SLP097	48	'43818068_/_5941726'	3.33	3.33	3.33	0.424	1.1	3.33	1.6 No	0.424	Thermal Discharging
SLP097	49	'456836806_/_444144322_2'	10	10	10	1.272	5.4	10	4.81 No	1.272	Thermal Discharging
SLP097	50	'43819497_/_5949421'	10	10	10	1.272	10	10	4.81 No	1.272	Thermal Discharging
SLP097	51	'5941412_/_43819499'	10	10	10	1.272	10	10	4.81 No	1.272	Thermal Discharging
SLP097	52	'8375483_/_8375480_2'	10	10	10	1.272	1.6	10	4.81 No	1.272	Thermal Discharging
SLP097	53	'5941683_/_43818057'	10	10	10	1.272	3.3	10	4.81 No	1.272	Thermal Discharging
SLP097	54	'5941413_/_5941410'	10	10	10	1.272	10	10	4.81 No	1.272	Thermal Discharging
SLP097	55	'444144237_/_444144322_1'	10	10	10	1.272	1.6	10	4.81 No	1.272	Thermal Discharging
SLP097	56	'5941433_/_5941430'	10	10	10	1.272	10	10	4.81 No	1.272	Thermal Discharging
SLP097	57	'457704927_/_444144413_1'	10	10	10	1.272	0.9	10	4.81 No	0.9	Element Fault
SLP097	58	'43818079_/_5942032'	10	10	10	1.272	10	10	4.81 No	1.272	Thermal Discharging
SLP097	59	'5942035_/_5942049_1'	10	10	10	1.272	10	10	4.81 No	1.272	Thermal Discharging
SLP097	60	'633866589_/_5942049_2'	10	10	10	1.272	10	10	4.81 No	1.272	Thermal Discharging
SLP097	61	'9317491_/_9317488'	10	10	10	1.272	1.6	10	4.81 No	1.272	Thermal Discharging
SLP097	62	'5941729_/_43818070'	3.33	3.33	3.33	0.424	1.1	3.33	1.6 No	0.424	Thermal Discharging
SLP097	63	'5941449_/_633866595'	10	10	10	1.272	10	10	4.81 No	1.272	Thermal Discharging
SLP097	64	'5941450_/_5941447'	10	10	10	1.272	10	10	4.81 No	1.272	Thermal Discharging
SLP097	65	'7425889_/_7425886_2'	10	10	10	1.272	0.9	10	4.81 No	0.9	Element Fault
SLP097	66	'5941467_/_5941464'	10	10	10	1.272	10	10	4.81 No	1.272	Thermal Discharging
SLP097	67	'43818092_/_5941481'	10	10	10	1.272	10	10	4.81 No	1.272	Thermal Discharging
SLP097	68	'43818105_/_5962192'	10	10	10	1.272	10	10	4.81 No	1.272	Thermal Discharging
SLP097	69	'5941003_/_5962226'	10	10	10	1.272	10	10	4.81 No	1.272	Thermal Discharging
SLP097	70	'5941004_/_5941014_1'	3.33	3.33	3.33	0.424	0.5	3.33	1.6 No	0.424	Thermal Discharging
SLP097	71	'5941949_/_5962209'	10	10	10	1.272	10	10	4.81 No	1.272	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SLP097	72	'5941017_/_5941014_2'	3.33		3.33	3.33	0.424	0.5	3.33	1.6 No	0.424 Thermal Discharging
SLP097	73	'43818716_/_5941946'	10		10	10	1.272	10	10	4.81 No	1.272 Thermal Discharging
SLP097	74	'5940820_/_5941030'	3.33		3.33	3.33	0.424	0.5	3.33	1.6 No	0.424 Thermal Discharging
SLP097	75	'43818186_/_43818188'	10		10	10	1.272	10	10	4.81 No	1.272 Thermal Discharging
SLP097	76	'5941575_/_5941592'	10		10	10	1.272	10	10	4.81 No	1.272 Thermal Discharging
SLP097	77	'7425083_/_8684802_1'	10		10	10	1.272	1.5	10	4.81 No	1.272 Thermal Discharging
SLP097	78	'5941558_/_5941572'	10		10	10	1.272	10	10	4.81 No	1.272 Thermal Discharging
SLP097	79	'43818199_/_5941555'	10		10	10	1.272	10	10	4.81 No	1.272 Thermal Discharging
SLP097	80	'5941521_/_5941535_2'	10		10	10	1.272	10	10	4.81 No	1.272 Thermal Discharging
SLP097	81	'43818213_/_5941535_1'	10		10	10	1.272	10	10	4.81 No	1.272 Thermal Discharging
SLP097	82	'5940807_/_5940817'	3.33		3.33	3.33	0.424	0.5	3.33	1.6 No	0.424 Thermal Discharging
SLP097	83	'9721603_/_43818007_1'	10		10	10	1.272	10	10	4.81 No	1.272 Thermal Discharging
SLP097	84	'44884258_/_43818007_2'	10		10	10	1.272	10	10	4.81 No	1.272 Thermal Discharging
SLP097	85	'8684805_/_8684802_2'	10		10	10	1.272	1.5	10	4.81 No	1.272 Thermal Discharging
SLP097	86	'43813617_/_5942828'	10		10	10	1.272	10	10	4.81 No	1.272 Thermal Discharging
SLP097	87	'439643505_/_439643446'	10		10	10	1.272	10	10	4.81 No	1.272 Thermal Discharging
SLP097	88	'5935486_/_439643507'	10		10	10	1.272	10	10	4.81 No	1.272 Thermal Discharging
SLP097	89	'5940794_/_5940804'	3.33		3.33	3.33	0.424	0.5	3.33	1.6 No	0.424 Thermal Discharging
SLP097	90	'5935469_/_5935484'	10		10	10	1.272	10	10	4.81 No	1.272 Thermal Discharging
SLP097	91	'5940946_/_5940943'	3.33		3.33	3.33	0.424	0.5	3.33	1.6 No	0.424 Thermal Discharging
SLP097	92	'5926250_/_5935467'	10		10	10	1.272	10	10	4.81 No	1.272 Thermal Discharging
SLP097	93	'5935453_/_5935450'	10		10	10	1.272	10	10	4.81 No	1.272 Thermal Discharging
SLP097	94	'5940781_/_5940791'	3.33		3.33	3.33	0.424	0.5	3.33	1.6 No	0.424 Thermal Discharging
SLP097	95	'5937620_/_5937913'	10		10	10	1.272	10	10	4.81 No	1.272 Thermal Discharging
SLP097	96	'5926237_/_5926234_2'	3.33		3.33	3.33	0.424	1	3.33	1.6 No	0.424 Thermal Discharging
SLP097	97	'43818270_/_5937618'	10		10	10	1.272	10	10	4.81 No	1.272 Thermal Discharging
SLP097	98	'5937638_/_5937635'	10		10	10	1.272	10	10	4.81 No	1.272 Thermal Discharging
SLP097	99	'5940768_/_5940778'	3.33		3.33	3.33	0.424	0.5	3.33	1.6 No	0.424 Thermal Discharging
SLP097	100	'43818283_/_5937652'	10		10	10	1.272	10	10	4.81 No	1.272 Thermal Discharging
SLP097	101	'43818129_/_5940830'	3.33		3.33	3.33	0.424	0.5	3.33	1.6 No	0.424 Thermal Discharging
SLP097	102	'5933322_/_5937669'	10		10	10	1.272	10	10	4.81 No	1.272 Thermal Discharging
SLP097	103	'5926224_/_5926234_1'	3.33		3.33	3.33	0.424	0.5	3.33	1.6 No	0.424 Thermal Discharging
SLP097	104	'5939051_/_5939048'	10		10	10	1.272	10	10	4.81 No	1.272 Thermal Discharging
SLP097	105	'5933323_/_5933333_1'	3.33		3.33	3.33	0.424	0.5	3.33	1.6 No	0.424 Thermal Discharging
SLP097	106	'5939008_/_5939068'	10		10	10	1.272	10	10	4.81 No	1.272 Thermal Discharging
SLP097	107	'43818118_/_43818120'	3.33		3.33	3.33	0.424	0.5	3.33	1.6 No	0.424 Thermal Discharging
SLP097	108	'43818226_/_5940956'	3.33		3.33	3.33	0.424	0.5	3.33	1.6 No	0.424 Thermal Discharging
SLP097	109	'5937691_/_5939085'	10		10	10	1.272	10	10	4.81 No	1.272 Thermal Discharging
SLP097	110	'5939009_/_5939035_1'	3.33		3.33	3.33	0.424	0.5	3.33	1.6 No	0.424 Thermal Discharging
SLP097	111	'5939105_/_5939102_2'	3.33		3.33	3.33	0.424	1.1	3.33	1.6 No	0.424 Thermal Discharging
SLP097	112	'5933524_/_5937689'	10		10	10	1.272	10	10	4.81 No	1.272 Thermal Discharging
SLP097	113	'379099657_/_379099659'	3.33		3.33	3.33	0.424	0.5	3.33	1.6 No	0.424 Thermal Discharging
SLP097	114	'5937709_/_5937706'	10		10	10	1.272	10	10	4.81 No	1.272 Thermal Discharging
SLP097	115	'5933511_/_5933508_2'	3.33		3.33	3.33	0.424	1.1	3.33	1.6 No	0.424 Thermal Discharging
SLP097	116	'43818296_/_5933333_2'	3.33		3.33	3.33	0.424	0.5	3.33	1.6 No	0.424 Thermal Discharging
SLP097	117	'5937726_/_5937723'	10		10	10	1.272	10	10	4.81 No	1.272 Thermal Discharging
SLP097	118	'43818140_/_43818142'	3.33		3.33	3.33	0.424	0.5	3.33	1.6 No	0.424 Thermal Discharging
SLP097	119	'5940739_/_5940736_2'	3.33		3.33	3.33	0.424	0.5	3.33	1.6 No	0.424 Thermal Discharging
SLP097	120	'5940846_/_5940843'	3.33		3.33	3.33	0.424	0.5	3.33	1.6 No	0.424 Thermal Discharging
SLP097	121	'43818375_/_5937740'	10		10	10	1.272	10	10	4.81 No	1.272 Thermal Discharging
SLP097	122	'43818388_/_5937933'	10		10	10	1.272	10	10	4.81 No	1.272 Thermal Discharging
SLP097	123	'5937936_/_5940228_1'	10		10	10	1.272	10	10	4.81 No	1.272 Thermal Discharging
SLP097	124	'5933433_/_5939102_1'	3.33		3.33	3.33	0.424	0.5	3.33	1.6 No	0.424 Thermal Discharging
SLP097	125	'43818151_/_5940736_1'	3.33		3.33	3.33	0.424	0.3	3.33	1.6 No	0.3 Element Fault
SLP097	126	'5940231_/_5940228_2'	10		10	10	1.272	10	10	4.81 No	1.272 Thermal Discharging
SLP097	127	'379099697_/_5926221'	3.33		3.33	3.33	0.424	0.5	3.33	1.6 No	0.424 Thermal Discharging
SLP097	128	'5939038_/_5939035_2'	3.33		3.33	3.33	0.424	0.5	3.33	1.6 No	0.424 Thermal Discharging
SLP097	129	'5940248_/_5940245'	10		10	10	1.272	10	10	4.81 No	1.272 Thermal Discharging
SLP097	130	'70286786_/_5940262_2'	10		10	10	1.272	10	10	4.81 No	1.272 Thermal Discharging
SLP097	131	'5940052_/_70286783_1'	3.33		3.33	3.33	0.424	0.5	3.33	1.6 No	0.424 Thermal Discharging
SLP097	132	'5933498_/_5933508_1'	3.33		3.33	3.33	0.424	0.5	3.33	1.6 No	0.424 Thermal Discharging
SLP097	133	'5940265_/_5940262_1'	10		10	10	1.272	10	10	4.81 No	1.272 Thermal Discharging
SLP097	134	'5933539_/_70286783_2'	3.33		3.33	3.33	0.424	0.5	3.33	1.6 No	0.424 Thermal Discharging
SLP097	135	'38605623_/_7735703_1'	10		10	10	1.272	1.5	10	4.81 No	1.272 Thermal Discharging
SLP097	136	'5940117_/_5940208'	10		10	10	1.272	10	10	4.81 No	1.272 Thermal Discharging
SLP097	137	'5940137_/_5940282'	10		10	10	1.272	10	10	4.81 No	1.272 Thermal Discharging
SLP097	138	'7735706_/_7735703_2'	10		10	10	1.272	1.5	10	4.81 No	1.272 Thermal Discharging
SLP097	139	'5940975_/_5940972'	3.33		3.33	3.33	0.424	0.5	3.33	1.6 No	0.424 Thermal Discharging
SLP097	140	'5940174_/_5940171'	10		10	10	1.272	10	10	4.81 No	1.272 Thermal Discharging
SLP097	141	'43818456_/_5940154'	10		10	10	1.272	10	10	4.81 No	1.272 Thermal Discharging
SLP097	142	'5937759_/_5937757_1'	10		10	10	1.272	10	10	4.81 No	1.272 Thermal Discharging
SLP097	143	'5940024_/_5940134'	10		10	10	1.272	10	10	4.81 No	1.272 Thermal Discharging
SLP097	144	'5940100_/_5940114'	10		10	10	1.272	10	10	4.81 No	1.272 Thermal Discharging
SLP097	145	'5941795_/_5941805'	3.33		3.33	3.33	0.424	0.3	3.33	1.6 No	0.3 Element Fault
SLP097	146	'5937760_/_5937757_2'	10		10	10	1.272	10	10	4.81 No	1.272 Thermal Discharging
SLP097	147	'5940083_/_5940097'	10		10	10	1.272	10	10	4.81 No	1.272 Thermal Discharging
SLP097	148	'43818469_/_5937774'	10		10	10	1.272	10	10	4.81 No	1.272 Thermal Discharging
SLP097	149	'5933349_/_5933346'	3.33		3.33	3.33	0.424	0.5	3.33	1.6 No	0.424 Thermal Discharging
SLP097	150	'5940011_/_43819213_2'	3.33		3.33	3.33	0.424	1.1	3.33	1.6 No	0.424 Thermal Discharging
SLP097	151	'5940859_/_5940856'	3.33		3.33	3.33	0.424	0.5	3.33	1.6 No	0.424 Thermal Discharging
SLP097	152	'5940082_/_5940080'	10		10	10	1.272	10	10	4.81 No	1.272 Thermal Discharging
SLP097	153	'5937794_/_43818471'	10		10	10	1.272	10	10	4.81 No	1.272 Thermal Discharging
SLP097	154	'43818331_/_5933430'	3.33		3.33	3.33	0.424	0.5	3.33	1.6 No	0.424 Thermal Discharging
SLP097	155	'43818423_/_5933537'	3.33		3.33	3.33	0.424	0.5	3.33	1.6 No	0.424 Thermal Discharging
SLP097	156	'43818482_/_5937808'	10		10	10	1.272	10	10	4.81 No	1.272 Thermal Discharging
SLP097	157	'5937828_/_5937825'	10		10	10	1.272	10	10	4.81 No	1.272 Thermal Discharging
SLP097	158	'5940066_/_5940188'	10		10	10	1.272	8.9	10	4.81 No	1.272 Thermal Discharging
SLP097	159	'5937845_/_5937893_1'	10		10	10	1.272	1.5	10	4.81 No	1.272 Thermal Discharging
SLP097	160	'43819211_/_43819213_1'	3.33		3.33	3.33	0.424	0.5	3.33	1.6 No	0.424 Thermal Discharging
SLP097	161	'5941779_/_5941792'	3.33		3.33	3.33	0.424	0.3	3.33	1.6 No	0.3 Element Fault
SLP097	162	'43818342_/_5950523'	3.33		3.33	3.33	0.424	0.5	3.33	1.6 No	0.424 Thermal Discharging
SLP097	163	'5937862_/_5937859'	10		10	10	1.272	10	10	4.81 No	1.272 Thermal Discharging
SLP097	164	'5933485_/_5933495'	3.33		3.33	3.33	0.424	0.5	3.33	1.6 No	0.424 Thermal Discharging
SLP097	165	'5937495_/_5937893_2'	10		10	10	1.272	1.5	10	4.81 No	1.272 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over- Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SLP097	166	'5937879_/_5937876'		10	10	10	1.272	10	10	4.81 No	1.272 Thermal Discharging
SLP097	167	'43813311_/_5940063'		10	10	10	1.272	8.9	10	4.81 No	1.272 Thermal Discharging
SLP097	168	'5937496_/_5937493'		10	10	10	1.272	1.5	10	4.81 No	1.272 Thermal Discharging
SLP097	169	'5933556_/_5933553'		3.33	3.33	3.33	0.424	0.5	3.33	1.6 No	0.424 Thermal Discharging
SLP097	170	'554534555_/_5933582'		3.33	3.33	3.33	0.424	0.5	3.33	1.6 No	0.424 Thermal Discharging
SLP097	171	'43824837_/_7104339'		10	10	10	1.272	10	10	4.81 No	1.272 Thermal Discharging
SLP097	172	'5940991_/_5940988'		3.33	3.33	3.33	0.424	0.5	3.33	1.6 No	0.424 Thermal Discharging
SLP097	173	'5976655_/_5976652'		10	10	10	1.272	10	10	4.81 No	1.272 Thermal Discharging
SLP097	174	'5935385_/_5935399'		10	10	10	1.272	8.9	10	4.81 No	1.272 Thermal Discharging
SLP097	175	'5979135_/_5979132'		10	10	10	1.272	10	10	4.81 No	1.272 Thermal Discharging
SLP097	176	'5979152_/_5979149'		10	10	10	1.272	10	10	4.81 No	1.272 Thermal Discharging
SLP097	177	'5976674_/_5979166'		10	10	10	1.272	10	10	4.81 No	1.272 Thermal Discharging
SLP097	178	'5935368_/_5935382'		10	10	10	1.272	8.9	10	4.81 No	1.272 Thermal Discharging
SLP097	179	'5940726_/_5941776'		3.33	3.33	3.33	0.424	0.3	3.33	1.6 No	0.3 Element Fault
SLP097	180	'5933362_/_5933359'		3.33	3.33	3.33	0.424	0.5	3.33	1.6 No	0.424 Thermal Discharging
SLP097	181	'5976675_/_5976672'		10	10	10	1.272	10	10	4.81 No	1.272 Thermal Discharging
SLP097	182	'5933407_/_5933417'		3.33	3.33	3.33	0.424	0.5	3.33	1.6 No	0.424 Thermal Discharging
SLP097	183	'43824874_/_5976689'		10	10	10	1.272	10	10	4.81 No	1.272 Thermal Discharging
SLP097	184	'7426551_/_7426564_1'		3.33	3.33	3.33	0.424	0.5	3.33	1.6 No	0.424 Thermal Discharging
SLP097	185	'5935367_/_5935365'		10	10	10	1.272	8.9	10	4.81 No	1.272 Thermal Discharging
SLP097	186	'283078192_/_5976706_1'		10	10	10	1.272	10	10	4.81 No	1.272 Thermal Discharging
SLP097	187	'5950539_/_5950536'		3.33	3.33	3.33	0.424	0.5	3.33	1.6 No	0.424 Thermal Discharging
SLP097	188	'43824861_/_5976706_2'		10	10	10	1.272	10	10	4.81 No	1.272 Thermal Discharging
SLP097	189	'43818364_/_5933482'		3.33	3.33	3.33	0.424	0.5	3.33	1.6 No	0.424 Thermal Discharging
SLP097	190	'5940712_/_5940723'		3.33	3.33	3.33	0.424	0.3	3.33	1.6 No	0.3 Element Fault
SLP097	191	'5976726_/_43824863'		10	10	10	1.272	10	10	4.81 No	1.272 Thermal Discharging
SLP097	192	'5939985_/_5939995'		3.33	3.33	3.33	0.424	0.5	3.33	1.6 No	0.424 Thermal Discharging
SLP097	193	'5926117_/_5935416'		10	10	10	1.272	8.9	10	4.81 No	1.272 Thermal Discharging
SLP097	194	'5972171_/_5976740'		10	10	10	1.272	10	10	4.81 No	1.272 Thermal Discharging
SLP097	195	'5972172_/_5972182_1'		3.33	3.33	3.33	0.424	0.5	3.33	1.6 No	0.424 Thermal Discharging
SLP097	196	'5972185_/_5972182_2'		3.33	3.33	3.33	0.424	0.5	3.33	1.6 No	0.424 Thermal Discharging
SLP097	197	'5972198_/_5972195'		3.33	3.33	3.33	0.424	0.5	3.33	1.6 No	0.424 Thermal Discharging
SLP097	198	'5976763_/_5976760'		10	10	10	1.272	10	10	4.81 No	1.272 Thermal Discharging
SLP097	199	'5926104_/_5926114_2'		3.33	3.33	3.33	0.424	1.4	3.33	1.6 No	0.424 Thermal Discharging
SLP097	200	'5940874_/_5940872'		3.33	3.33	3.33	0.424	0.3	3.33	1.6 No	0.3 Element Fault
SLP097	201	'43818434_/_554534559'		3.33	3.33	3.33	0.424	0.5	3.33	1.6 No	0.424 Thermal Discharging
SLP097	202	'5975634_/_5977419'		10	10	10	1.272	10	10	4.81 No	1.272 Thermal Discharging
SLP097	203	'5926036_/_5926114_1'		3.33	3.33	3.33	0.424	0.5	3.33	1.6 No	0.424 Thermal Discharging
SLP097	204	'5935435_/_5935433'		10	10	10	1.272	8.9	10	4.81 No	1.272 Thermal Discharging
SLP097	205	'5972227_/_5972224'		3.33	3.33	3.33	0.424	0.5	3.33	1.6 No	0.424 Thermal Discharging
SLP097	206	'5975617_/_5975631'		10	10	10	1.272	10	10	4.81 No	1.272 Thermal Discharging
SLP097	207	'7426567_/_7426564_2'		3.33	3.33	3.33	0.424	0.5	3.33	1.6 No	0.424 Thermal Discharging
SLP097	208	'5975600_/_5975614'		10	10	10	1.272	10	10	4.81 No	1.272 Thermal Discharging
SLP097	209	'76343419_/_5975668_2'		10	10	10	1.272	10	10	4.81 No	1.272 Thermal Discharging
SLP097	210	'5940888_/_5940885'		3.33	3.33	3.33	0.424	0.3	3.33	1.6 No	0.3 Element Fault
SLP097	211	'5926023_/_5926033'		3.33	3.33	3.33	0.424	0.5	3.33	1.6 No	0.424 Thermal Discharging
SLP097	212	'5975671_/_5975668_1'		10	10	10	1.272	10	10	4.81 No	1.272 Thermal Discharging
SLP097	213	'43819200_/_5939982'		3.33	3.33	3.33	0.424	0.5	3.33	1.6 No	0.424 Thermal Discharging
SLP097	214	'5933391_/_5933404'		3.1	3.33	3.33	0.424	0.5	3.33	1.6 No	0.424 Thermal Discharging
SLP097	215	'43824165_/_5975688'		10	10	10	1.272	10	10	4.81 No	1.272 Thermal Discharging
SLP097	216	'5933375_/_5933372'		2.9	3.33	3.33	0.424	0.5	3.33	1.6 No	0.424 Thermal Discharging
SLP097	217	'5977699_/_5977696'		10	10	10	1.272	10	10	4.81 No	1.272 Thermal Discharging
SLP097	218	'5933459_/_5933469'		3.33	3.33	3.33	0.424	0.5	3.33	1.6 No	0.424 Thermal Discharging
SLP097	219	'43818353_/_5950549'		2.77	3.33	3.33	0.424	0.5	3.33	1.6 No	0.424 Thermal Discharging
SLP097	220	'5975707_/_5977713'		10	10	10	1.272	10	10	4.81 No	1.272 Thermal Discharging
SLP097	221	'43813746_/_5926127'		3.33	3.33	3.33	0.424	0.5	3.33	1.6 No	0.424 Thermal Discharging
SLP097	222	'43824178_/_5975705'		10	10	10	1.272	10	10	4.81 No	1.272 Thermal Discharging
SLP097	223	'5946377_/_5946387'		2.9	3.33	3.33	0.424	0.3	3.33	1.6 No	0.3 Element Fault
SLP097	224	'5980238_/_43824180'		10	10	10	1.272	10	10	4.81 No	1.272 Thermal Discharging
SLP097	225	'43824898_/_5972237'		3.33	3.33	3.33	0.424	0.5	3.33	1.6 No	0.424 Thermal Discharging
SLP097	226	'5940904_/_5940901'		2.63	3.33	3.33	0.424	0.3	3.33	1.6 No	0.3 Element Fault
SLP097	227	'43826646_/_5980252'		10	10	10	1.272	10	10	4.81 No	1.272 Thermal Discharging
SLP097	228	'5926010_/_5926020'		3.33	3.33	3.33	0.424	0.5	3.33	1.6 No	0.424 Thermal Discharging
SLP097	229	'5933598_/_43818436'		3.33	3.33	3.33	0.424	0.5	3.33	1.6 No	0.424 Thermal Discharging
SLP097	230	'5976141_/_43826648'		10	10	10	1.272	10	10	4.81 No	1.272 Thermal Discharging
SLP097	231	'43824556_/_5976139'		10	10	10	1.272	10	10	4.81 No	1.272 Thermal Discharging
SLP097	232	'5926049_/_5926046'		3.33	3.33	3.33	0.424	0.5	3.33	1.6 No	0.424 Thermal Discharging
SLP097	233	'5976159_/_43824558'		10	10	10	1.272	10	10	4.81 No	1.272 Thermal Discharging
SLP097	234	'43819199_/_5939969'		3.33	3.33	3.33	0.424	0.5	3.33	1.6 No	0.424 Thermal Discharging
SLP097	235	'5976176_/_5976173'		10	10	10	1.272	10	10	4.81 No	1.272 Thermal Discharging
SLP097	236	'5933390_/_5933388'		2.13	3.33	3.33	0.424	0.5	3.33	1.6 No	0.424 Thermal Discharging
SLP097	237	'5975969_/_5976193'		10	10	10	1.272	10	10	4.81 No	1.272 Thermal Discharging
SLP097	238	'43819277_/_43819279'		2.13	3.33	3.33	0.424	0.3	3.33	1.6 No	0.3 Element Fault
SLP097	239	'5975986_/_5975983'		10	10	10	1.272	10	10	4.81 No	1.272 Thermal Discharging
SLP097	240	'43824543_/_5975966'		10	10	10	1.272	10	10	4.81 No	1.272 Thermal Discharging
SLP097	241	'5933458_/_5933456'		2.23	3.33	3.33	0.424	0.5	3.33	1.6 No	0.424 Thermal Discharging
SLP097	242	'5965737_/_7104239'		2.1	3.33	3.33	0.424	0.3	3.33	1.6 No	0.3 Element Fault
SLP097	243	'5976615_/_5976612'		10	10	10	1.272	10	10	4.81 No	1.272 Thermal Discharging
SLP097	244	'614078969_/_611126846_2'		10	10	10	1.272	10	10	4.81 No	1.272 Thermal Discharging
SLP097	245	'5975935_/_5975949'		10	10	10	1.272	10	10	4.81 No	1.272 Thermal Discharging
SLP097	246	'5972240_/_43824900'		3.33	3.33	3.33	0.424	0.5	3.33	1.6 No	0.424 Thermal Discharging
SLP097	247	'5933446_/_5933443'		1.97	3.33	3.33	0.424	0.5	3.33	1.6 No	0.424 Thermal Discharging
SLP097	248	'73457508_/_43823480'		10	10	10	1.272	10	10	4.81 No	1.272 Thermal Discharging
SLP097	249	'611126872_/_611126049_1'		10	10	10	1.272	0.9	10	4.81 No	0.9 Element Fault
SLP097	250	'5975934_/_5975932'		10	10	10	1.272	10	10	4.81 No	1.272 Thermal Discharging
SLP097	251	'64800925_/_64800910_2'		10	10	10	1.272	5.6	10	4.81 No	1.272 Thermal Discharging
SLP097	252	'5994391_/_5994427'		10	10	10	1.272	10	10	4.81 No	1.272 Thermal Discharging
SLP097	253	'43813847_/_43813849'		3.33	3.33	3.33	0.424	0.5	3.33	1.6 No	0.424 Thermal Discharging
SLP097	254	'5971252_/_5971249_2'		3.33	3.33	3.33	0.424	1.5	3.33	1.6 No	0.424 Thermal Discharging
SLP097	255	'5994404_/_5994491_2'		3.33	3.33	3.33	0.424	1.1	3.33	1.6 No	0.424 Thermal Discharging
SLP097	256	'74082623_/_5994388_2'		3.33	3.33	3.33	0.424	1	3.33	1.6 No	0.424 Thermal Discharging
SLP097	257	'5992707_/_5994457'		10	10	10	1.272	10	10	4.81 No	1.272 Thermal Discharging
SLP097	258	'5926062_/_5926059'		3.33	3.33	3.33	0.424	0.5	3.33	1.6 No	0.424 Thermal Discharging
SLP097	259	'5992690_/_5992704'		10	10	10	1.272	10	10	4.81 No	1.272 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SLP097	260	'43824519_/_5992687'	10	10	10	1.272	10	10	4.81 No	1.272	Thermal Discharging
SLP097	261	'5933611_/_5933608'	3.33	3.33	3.33	0.424	0.5	3.33	1.6 No	0.424	Thermal Discharging
SLP097	262	'5971123_/_5994388_1'	3.33	3.33	3.33	0.424	0.5	3.33	1.6 No	0.424	Thermal Discharging
SLP097	263	'5971181_/_5975915'	10	10	10	1.272	10	10	4.81 No	1.272	Thermal Discharging
SLP097	264	'5939361_/_5939358'	1.77	3.33	3.33	0.424	0.5	3.33	1.6 No	0.424	Thermal Discharging
SLP097	265	'5971168_/_5971165_2'	3.33	3.33	3.33	0.424	2.6	3.33	1.6 No	0.424	Thermal Discharging
SLP097	266	'5992907_/_611126049_2'	10	10	10	1.272	0.9	10	4.81 No	0.9	Element Fault
SLP097	267	'5965738_/_5965735'	1.77	3.33	3.33	0.424	0.3	3.33	1.6 No	0.3	Element Fault
SLP097	268	'5971155_/_5971165_1'	3.33	3.33	3.33	0.424	0.5	3.33	1.6 No	0.424	Thermal Discharging
SLP097	269	'5946376_/_5946374'	1.77	3.33	3.33	0.424	0.3	3.33	1.6 No	0.3	Element Fault
SLP097	270	'5971239_/_5971249_1'	3.33	3.33	3.33	0.424	0.5	3.33	1.6 No	0.424	Thermal Discharging
SLP097	271	'5971142_/_5971152'	3.33	3.33	3.33	0.424	0.5	3.33	1.6 No	0.424	Thermal Discharging
SLP097	272	'43813678_/_43813680'	1.7	3.33	3.33	0.424	0.5	3.33	1.6 No	0.424	Thermal Discharging
SLP097	273	'64800903_/_64800910_1'	10	10	10	1.272	1.8	10	4.81 No	1.272	Thermal Discharging
SLP097	274	'611126740_/_611126846_1'	10	10	10	1.272	10	10	4.81 No	1.272	Thermal Discharging
SLP097	275	'611126741_/_611126738'	10	10	10	1.272	10	10	4.81 No	1.272	Thermal Discharging
SLP097	276	'611126752_/_611126750'	10	10	10	1.272	10	10	4.81 No	1.272	Thermal Discharging
SLP097	277	'611126746_/_611126744'	10	10	10	1.272	4.6	10	4.81 No	1.272	Thermal Discharging
SLP097	278	'611126758_/_611126756'	10	10	10	1.272	4.6	10	4.81 No	1.272	Thermal Discharging
SLP097	279	'5925984_/_5925994'	2.73	3.33	3.33	0.424	0.5	3.33	1.6 No	0.424	Thermal Discharging
SLP097	280	'43813713_/_43813715'	1.8	3.33	3.33	0.424	0.5	3.33	1.6 No	0.424	Thermal Discharging
SLP097	281	'5971129_/_5971139'	3.33	3.33	3.33	0.424	0.5	3.33	1.6 No	0.424	Thermal Discharging
SLP097	282	'611126910_/_611126960'	10	10	10	1.272	4.6	10	4.81 No	1.272	Thermal Discharging
SLP097	283	'611126897_/_611126907'	10	10	10	1.272	4.6	10	4.81 No	1.272	Thermal Discharging
SLP097	284	'611126916_/_611126913'	10	10	10	1.272	1.5	10	4.81 No	1.272	Thermal Discharging
SLP097	285	'611126898_/_611126895'	10	10	10	1.272	1.5	10	4.81 No	1.272	Thermal Discharging
SLP097	286	'611126904_/_611126901'	10	10	10	1.272	4.6	10	4.81 No	1.272	Thermal Discharging
SLP097	287	'7427255_/_611126515'	10	10	10	1.272	1.8	10	4.81 No	1.272	Thermal Discharging
SLP097	288	'43824532_/_5994491_1'	3.33	3.33	3.33	0.424	0.5	3.33	1.6 No	0.424	Thermal Discharging
SLP097	289	'5969542_/_5971236'	3.33	3.33	3.33	0.424	0.5	3.33	1.6 No	0.424	Thermal Discharging
SLP097	290	'5965865_/_5965862'	1.57	3.33	3.33	0.424	0.3	3.33	1.6 No	0.3	Element Fault
SLP097	291	'611126538_/_611126815'	10	10	10	1.272	10	10	4.81 No	1.272	Thermal Discharging
SLP097	292	'611126539_/_611126536'	10	10	10	1.272	10	10	4.81 No	1.272	Thermal Discharging
SLP097	293	'611126556_/_611126554'	10	10	10	1.272	4.6	10	4.81 No	1.272	Thermal Discharging
SLP097	294	'611126550_/_611126548'	10	10	10	1.272	10	10	4.81 No	1.272	Thermal Discharging
SLP097	295	'611126544_/_611126542'	10	10	10	1.272	10	10	4.81 No	1.272	Thermal Discharging
SLP097	296	'43824508_/_43824510'	3.33	3.33	3.33	0.424	0.5	3.33	1.6 No	0.424	Thermal Discharging
SLP097	297	'5971210_/_5971220'	3.33	3.33	3.33	0.424	0.5	3.33	1.6 No	0.424	Thermal Discharging
SLP097	298	'5926156_/_5926166'	1.67	3.33	3.33	0.424	0.5	3.33	1.6 No	0.424	Thermal Discharging
SLP097	299	'5939374_/_5939371'	1.53	3.33	3.33	0.424	0.5	3.33	1.6 No	0.424	Thermal Discharging
SLP097	300	'5926211_/_5939128'	1.5	3.33	3.33	0.424	0.5	3.33	1.6 No	0.424	Thermal Discharging
SLP097	301	'5969909_/_5969919'	3.33	3.33	3.33	0.424	0.5	3.33	1.6 No	0.424	Thermal Discharging
SLP097	302	'5925971_/_5925981'	2.13	3.33	3.33	0.424	0.5	3.33	1.6 No	0.424	Thermal Discharging
SLP097	303	'43818445_/_5933621'	3.33	3.33	3.33	0.424	0.5	3.33	1.6 No	0.424	Thermal Discharging
SLP097	304	'43813735_/_5926075'	2.03	3.33	3.33	0.424	0.5	3.33	1.6 No	0.424	Thermal Discharging
SLP097	305	'678588368_/_678588385'	7.9	10	10	1.272	1.5	10	4.81 No	1.272	Thermal Discharging
SLP097	306	'611126725_/_611126665_2'	7.7	10	10	1.272	10	10	4.81 No	1.272	Thermal Discharging
SLP097	307	'614079408_/_611126991'	7.6	10	10	1.272	1.5	10	4.81 No	1.272	Thermal Discharging
SLP097	308	'43822074_/_611126665_1'	7.7	10	10	1.272	10	10	4.81 No	1.272	Thermal Discharging
SLP097	309	'678588440_/_678588413_1'	7.6	10	10	1.272	1.5	10	4.81 No	1.272	Thermal Discharging
SLP097	310	'5969529_/_5969539'	3.33	3.33	3.33	0.424	0.5	3.33	1.6 No	0.424	Thermal Discharging
SLP097	311	'5972650_/_5974733'	3.33	3.33	3.33	0.424	0.5	3.33	1.6 No	0.424	Thermal Discharging
SLP097	312	'5967628_/_5967642'	10	10	10	1.272	10	10	4.81 No	1.272	Thermal Discharging
SLP097	313	'5969896_/_5969906'	3.33	3.33	3.33	0.424	0.5	3.33	1.6 No	0.424	Thermal Discharging
SLP097	314	'5967662_/_43822076'	7.3	10	10	1.272	10	10	4.81 No	1.272	Thermal Discharging
SLP097	315	'7427254_/_7427252_2'	6.8	10	10	1.272	1.8	10	4.81 No	1.272	Thermal Discharging
SLP097	316	'5993009_/_7427252_1'	6.6	10	10	1.272	1.1	10	4.81 No	1.1	Element Fault
SLP097	317	'5967608_/_5967625'	10	10	10	1.272	10	10	4.81 No	1.272	Thermal Discharging
SLP097	318	'5967679_/_5967676'	7.1	10	10	1.272	10	10	4.81 No	1.272	Thermal Discharging
SLP097	319	'5965881_/_5965891'	1.4	3.33	3.33	0.424	0.3	3.33	1.6 No	0.3	Element Fault
SLP097	320	'43822087_/_5967693'	6.9	10	10	1.272	10	10	4.81 No	1.272	Thermal Discharging
SLP097	321	'5969883_/_5969893'	3.33	3.33	3.33	0.424	0.5	3.33	1.6 No	0.424	Thermal Discharging
SLP097	322	'7736974_/_8376130_1'	3.33	3.33	3.33	0.424	0.5	3.33	1.6 No	0.424	Thermal Discharging
SLP097	323	'5925958_/_5925968'	1.9	3.33	3.33	0.424	0.5	3.33	1.6 No	0.424	Thermal Discharging
SLP097	324	'5971197_/_5971207'	2.17	3.33	3.33	0.424	0.5	3.33	1.6 No	0.424	Thermal Discharging
SLP097	325	'5926143_/_5926153'	1.5	3.33	3.33	0.424	0.5	3.33	1.6 No	0.424	Thermal Discharging
SLP097	326	'5967713_/_43822089'	6.8	10	10	1.272	10	10	4.81 No	1.272	Thermal Discharging
SLP097	327	'5972651_/_5972648'	3.33	3.33	3.33	0.424	0.5	3.33	1.6 No	0.424	Thermal Discharging
SLP097	328	'5969882_/_5969880'	3.33	3.33	3.33	0.424	0.5	3.33	1.6 No	0.424	Thermal Discharging
SLP097	329	'8376133_/_8376130_2'	3.33	3.33	3.33	0.424	0.5	3.33	1.6 No	0.424	Thermal Discharging
SLP097	330	'5967730_/_5967727'	6.6	10	10	1.272	10	10	4.81 No	1.272	Thermal Discharging
SLP097	331	'5926198_/_5926208'	1.37	3.33	3.33	0.424	0.5	3.33	1.6 No	0.424	Thermal Discharging
SLP097	332	'43822100_/_5967744'	6.5	10	10	1.272	10	10	4.81 No	1.272	Thermal Discharging
SLP097	333	'5967607_/_611125687'	3.33	3.33	3.33	0.424	1.5	3.33	1.6 No	0.424	Thermal Discharging
SLP097	334	'43824615_/_43824534'	1.97	3.33	3.33	0.424	0.5	3.33	1.6 No	0.424	Thermal Discharging
SLP097	335	'5965360_/_5969526'	3.33	3.33	3.33	0.424	0.5	3.33	1.6 No	0.424	Thermal Discharging
SLP097	336	'43824132_/_43824134'	3.33	3.33	3.33	0.424	0.5	3.33	1.6 No	0.424	Thermal Discharging
SLP097	337	'5926091_/_5926088'	1.7	3.33	3.33	0.424	0.5	3.33	1.6 No	0.424	Thermal Discharging
SLP097	338	'5993549_/_5993563'	5.5	10	10	1.272	1.1	10	4.81 No	1.1	Element Fault
SLP097	339	'43822004_/_43822102'	6.3	10	10	1.272	10	10	4.81 No	1.272	Thermal Discharging
SLP097	340	'5965359_/_43823469'	3.33	3.33	3.33	0.424	0.5	3.33	1.6 No	0.424	Thermal Discharging
SLP097	341	'43825014_/_5972661'	3.33	3.33	3.33	0.424	0.5	3.33	1.6 No	0.424	Thermal Discharging
SLP097	342	'5969961_/_5971194'	1.8	3.33	3.33	0.424	0.5	3.33	1.6 No	0.424	Thermal Discharging
SLP097	343	'5977798_/_5977808'	3.33	3.33	3.33	0.424	0.5	3.33	1.6 No	0.424	Thermal Discharging
SLP097	344	'5967781_/_5967778'	6.1	10	10	1.272	10	10	4.81 No	1.272	Thermal Discharging
SLP097	345	'5965880_/_5965878'	1.27	3.33	3.33	0.424	0.3	3.33	1.6 No	0.3	Element Fault
SLP097	346	'5933624_/_43818447'	2.5	3.33	3.33	0.424	0.5	3.33	1.6 No	0.424	Thermal Discharging
SLP097	347	'43813814_/_5926140'	1.37	3.33	3.33	0.424	0.5	3.33	1.6 No	0.424	Thermal Discharging
SLP097	348	'5972362_/_5974720'	3.33	3.33	3.33	0.424	0.5	3.33	1.6 No	0.424	Thermal Discharging
SLP097	349	'5972702_/_43827140'	5.1	10	10	1.272	1.1	10	4.81 No	1.1	Element Fault
SLP097	350	'5967798_/_5967795'	6	10	10	1.272	10	10	4.81 No	1.272	Thermal Discharging
SLP097	351	'71083397_/_5967812_1'	6	10	10	1.272	10	10	4.81 No	1.272	Thermal Discharging
SLP097	352	'43827184_/_43827186'	5.1	10	10	1.272	1.1	10	4.81 No	1.1	Element Fault
SLP097	353	'614079730_/_5993529'	5.1	10	10	1.272	1.1	10	4.81 No	1.1	Element Fault

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SLP097	354	'43813836_/43813838'	1.67	3.33	3.33	0.424	0.5	3.33	1.6 No	0.424	Thermal Discharging
SLP097	355	'7737165_/8686126'	3.33	3.33	3.33	0.424	0.5	3.33	1.6 No	0.424	Thermal Discharging
SLP097	356	'5967815_/5967812_2'	5.9	10	10	1.272	10	10	4.81 No	1.272	Thermal Discharging
SLP097	357	'5977797_/5977795'	3.33	3.33	3.33	0.424	0.5	3.33	1.6 No	0.424	Thermal Discharging
SLP097	358	'5926185_/5926195'	1.23	3.33	3.33	0.424	0.5	3.33	1.6 No	0.424	Thermal Discharging
SLP097	359	'5965016_/7737163'	3.33	3.33	3.33	0.424	0.3	3.33	1.6 No	0.3	Element Fault
SLP097	360	'5967974_/5967991'	5.8	10	10	1.272	10	10	4.81 No	1.272	Thermal Discharging
SLP097	361	'5967064_/5965014_1'	3.33	3.33	3.33	0.424	0.3	3.33	1.6 No	0.3	Element Fault
SLP097	362	'350805890_/5967971_1'	5.7	10	10	1.272	10	10	4.81 No	1.272	Thermal Discharging
SLP097	363	'43822392_/5967971_2'	5.7	10	10	1.272	10	10	4.81 No	1.272	Thermal Discharging
SLP097	364	'5939942_/5940037'	1.5	3.33	3.33	0.424	0.5	3.33	1.6 No	0.424	Thermal Discharging
SLP097	365	'5967940_/5967954'	5.7	10	10	1.272	10	10	4.81 No	1.272	Thermal Discharging
SLP097	366	'43825037_/5972700'	4.6	10	10	1.272	1.1	10	4.81 No	1.1	Element Fault
SLP097	367	'5969948_/5969958'	1.57	3.33	3.33	0.424	0.5	3.33	1.6 No	0.424	Thermal Discharging
SLP097	368	'5972677_/5972674'	3.33	3.33	3.33	0.424	0.5	3.33	1.6 No	0.424	Thermal Discharging
SLP097	369	'471569725_/471569360_1'	5.5	10	10	1.272	1.6	10	4.81 No	1.272	Thermal Discharging
SLP097	370	'5967939_/5967937'	5.6	10	10	1.272	10	10	4.81 No	1.272	Thermal Discharging
SLP097	371	'43823530_/43823532'	1.17	3.33	3.33	0.424	0.3	3.33	1.6 No	0.3	Element Fault
SLP097	372	'5965017_/5965014_2'	3.33	3.33	3.33	0.424	0.3	3.33	1.6 No	0.3	Element Fault
SLP097	373	'43824620_/43824617'	1.53	3.33	3.33	0.424	0.5	3.33	1.6 No	0.424	Thermal Discharging
SLP097	374	'386240460_/5980175'	5.5	10	10	1.272	10	10	4.81 No	1.272	Thermal Discharging
SLP097	375	'5967906_/5967920'	5.5	10	10	1.272	10	10	4.81 No	1.272	Thermal Discharging
SLP097	376	'43822050_/5965014_3'	3.33	3.33	3.33	0.424	0.3	3.33	1.6 No	0.3	Element Fault
SLP097	377	'43813813_/5945444'	1.27	3.33	3.33	0.424	0.5	3.33	1.6 No	0.424	Thermal Discharging
SLP097	378	'5972363_/5972360'	3.33	3.33	3.33	0.424	0.5	3.33	1.6 No	0.424	Thermal Discharging
SLP097	379	'5967889_/5967903'	5.4	10	10	1.272	10	10	4.81 No	1.272	Thermal Discharging
SLP097	380	'5925957_/5925955'	1.47	3.33	3.33	0.424	0.5	3.33	1.6 No	0.424	Thermal Discharging
SLP097	381	'49250260_/8061943_3'	5.4	10	10	1.272	5.3	10	4.81 No	1.272	Thermal Discharging
SLP097	382	'37943664_/471569360_2'	4.9	10	10	1.272	1.6	10	4.81 No	1.272	Thermal Discharging
SLP097	383	'37943671_/37943668'	4.9	10	10	1.272	1.6	10	4.81 No	1.272	Thermal Discharging
SLP097	384	'37943678_/37943675'	4.9	10	10	1.272	1.6	10	4.81 No	1.272	Thermal Discharging
SLP097	385	'404727075_/404727072'	4.9	10	10	1.272	1.1	10	4.81 No	1.1	Element Fault
SLP097	386	'37943692_/37943689'	4.9	10	10	1.272	1.6	10	4.81 No	1.272	Thermal Discharging
SLP097	387	'5964134_/5967886'	5.4	10	10	1.272	10	10	4.81 No	1.272	Thermal Discharging
SLP097	388	'5926184_/5926182'	1.13	3.33	3.33	0.424	0.5	3.33	1.6 No	0.424	Thermal Discharging
SLP097	389	'5939943_/5939940'	1.37	3.33	3.33	0.424	0.5	3.33	1.6 No	0.424	Thermal Discharging
SLP097	390	'5964135_/5964149_1'	5.4	10	10	1.272	1.5	10	4.81 No	1.272	Thermal Discharging
SLP097	391	'5969935_/5969945'	1.43	3.33	3.33	0.424	0.5	3.33	1.6 No	0.424	Thermal Discharging
SLP097	392	'503330876_/471569424_2'	4.7	10	10	1.272	1.1	10	4.81 No	1.1	Element Fault
SLP097	393	'505604122_/471569424_1'	4.7	10	10	1.272	1.1	10	4.81 No	1.1	Element Fault
SLP097	394	'512900646_/9004275'	4.6	10	10	1.272	1.6	10	4.81 No	1.272	Thermal Discharging
SLP097	395	'8376449_/507034999'	4.7	10	10	1.272	1.6	10	4.81 No	1.272	Thermal Discharging
SLP097	396	'5972690_/5972687'	3.33	3.33	3.33	0.424	0.5	3.33	1.6 No	0.424	Thermal Discharging
SLP097	397	'5964151_/5964149_2'	4.8	10	10	1.272	1.5	10	4.81 No	1.272	Thermal Discharging
SLP097	398	'512900563_/512900691'	4.5	10	10	1.272	1.6	10	4.81 No	1.272	Thermal Discharging
SLP097	399	'5972379_/5972376'	3.33	3.33	3.33	0.424	0.5	3.33	1.6 No	0.424	Thermal Discharging
SLP097	400	'5968045_/539493426'	4.7	10	10	1.272	1.1	10	4.81 No	1.1	Element Fault
SLP097	401	'5972723_/5972720'	4	10	10	1.272	1.1	10	4.81 No	1.1	Element Fault
SLP097	402	'5966014_/5966012'	1.07	3.33	3.33	0.424	0.3	3.33	1.6 No	0.3	Element Fault
SLP097	403	'512900615_/512900675'	4.5	10	10	1.272	1.6	10	4.81 No	1.272	Thermal Discharging
SLP097	404	'5965030_/43822052'	3.33	3.33	3.33	0.424	0.3	3.33	1.6 No	0.3	Element Fault
SLP097	405	'9004580_/9004577'	4.5	10	10	1.272	1.6	10	4.81 No	1.272	Thermal Discharging
SLP097	406	'49250248_/8061943_2'	4.7	10	10	1.272	1.5	10	4.81 No	1.272	Thermal Discharging
SLP097	407	'5980215_/8061943_1'	4.7	10	10	1.272	0.9	10	4.81 No	0.9	Element Fault
SLP097	408	'507035105_/507035102'	1.53	3.33	3.33	0.424	0.37	3.33	1.6 No	0.37	Element Fault
SLP097	409	'507035250_/507035119_1'	1.53	3.33	3.33	0.424	0.3	3.33	1.6 No	0.3	Element Fault
SLP097	410	'5972740_/667451514'	3.8	10	10	1.272	1.1	10	4.81 No	1.1	Element Fault
SLP097	411	'44054009_/5964149_3'	4.4	10	10	1.272	1.5	10	4.81 No	1.272	Thermal Discharging
SLP097	412	'5952247_/5952244'	1.03	3.33	3.33	0.424	0.5	3.33	1.6 No	0.424	Thermal Discharging
SLP097	413	'507035040_/507035119_2'	1.57	3.33	3.33	0.424	0.3	3.33	1.6 No	0.3	Element Fault
SLP097	414	'5972806_/5972803'	1.27	3.33	3.33	0.424	0.37	3.33	1.6 No	0.37	Element Fault
SLP097	415	'43822355_/43822357'	1.63	3.33	3.33	0.424	0.5	3.33	1.6 No	0.424	Thermal Discharging
SLP097	416	'43818412_/5939953'	1.2	3.33	3.33	0.424	0.5	3.33	1.6 No	0.424	Thermal Discharging
SLP097	417	'43824909_/5972389'	3.33	3.33	3.33	0.424	0.5	3.33	1.6 No	0.424	Thermal Discharging
SLP097	418	'524939909_/5980212'	4.2	10	10	1.272	0.9	10	4.81 No	0.9	Element Fault
SLP097	419	'43825193_/667451562'	3.6	10	10	1.272	1.1	10	4.81 No	1.1	Element Fault
SLP097	420	'5940933_/7104255'	1	3.33	3.33	0.424	0.3	3.33	1.6 No	0.3	Element Fault
SLP097	421	'566430109_/566430123'	3.9	10	10	1.272	1.6	10	4.81 No	1.272	Thermal Discharging
SLP097	422	'5980214_/524939915'	4	10	10	1.272	0.9	10	4.81 No	0.9	Element Fault
SLP097	423	'5967106_/566430154'	3.9	10	10	1.272	1.6	10	4.81 No	1.272	Thermal Discharging
SLP097	424	'5967107_/5967104'	2.6	6.67	6.67	0.848	1.07	6.67	3.21 No	0.848	Thermal Discharging
SLP097	425	'123559844_/667451649'	3.4	10	10	1.272	1.1	10	4.81 No	1.1	Element Fault
SLP097	426	'5972819_/5972816'	1.27	3.33	3.33	0.424	0.37	3.33	1.6 No	0.37	Element Fault
SLP097	427	'5972405_/43824911'	3.33	3.33	3.33	0.424	0.5	3.33	1.6 No	0.424	Thermal Discharging
SLP097	428	'5963510_/5963508'	1.67	3.33	3.33	0.424	0.5	3.33	1.6 No	0.424	Thermal Discharging
SLP097	429	'43822366_/44054011'	3.7	10	10	1.272	1.5	10	4.81 No	1.272	Thermal Discharging
SLP097	430	'5972758_/5972755'	2.2	6.67	6.67	0.848	0.73	6.67	3.21 No	0.73	Element Fault
SLP097	431	'43818175_/43818177'	0.93	3.33	3.33	0.424	0.3	3.33	1.6 No	0.3	Element Fault
SLP097	432	'7737200_/9628987_1'	1.1	3.33	3.33	0.424	0.3	3.33	1.6 No	0.3	Element Fault
SLP097	433	'123559839_/667451717'	3.2	10	10	1.272	1.1	10	4.81 No	1.1	Element Fault
SLP097	434	'5939956_/43818414'	1.07	3.33	3.33	0.424	0.5	3.33	1.6 No	0.424	Thermal Discharging
SLP097	435	'588019617_/512900619'	3.3	10	10	1.272	1.6	10	4.81 No	1.272	Thermal Discharging
SLP097	436	'5972835_/5972832'	1.3	3.33	3.33	0.424	0.37	3.33	1.6 No	0.37	Element Fault
SLP097	437	'9628990_/9628987_2'	1.1	3.33	3.33	0.424	0.3	3.33	1.6 No	0.3	Element Fault
SLP097	438	'43824920_/5972415'	2.77	3.33	3.33	0.424	0.5	3.33	1.6 No	0.424	Thermal Discharging
SLP097	439	'37943734_/6464008943'	3.3	10	10	1.272	1.6	10	4.81 No	1.272	Thermal Discharging
SLP097	440	'5972851_/5972848'	1.3	3.33	3.33	0.424	0.37	3.33	1.6 No	0.37	Element Fault
SLP097	441	'43825025_/5972773'	2.07	6.67	6.67	0.848	0.73	6.67	3.21 No	0.73	Element Fault
SLP097	442	'5978105_/43826066'	1.73	3.33	3.33	0.424	0.5	3.33	1.6 No	0.424	Thermal Discharging
SLP097	443	'45080671_/5940914'	0.87	3.33	3.33	0.424	0.3	3.33	1.6 No	0.3	Element Fault
SLP097	444	'588019811_/8686050'	3.1	10	10	1.272	1.6	10	4.81 No	1.272	Thermal Discharging
SLP097	445	'90413585_/5964169'	3.2	10	10	1.272	1.5	10	4.81 No	1.272	Thermal Discharging
SLP097	446	'517297994_/487643511_2'	3.2	10	10	1.272	1.5	10	4.81 No	1.272	Thermal Discharging
SLP097	447	'5973193_/667451769'	3	10	10	1.272	1.1	10	4.81 No	1.1	Element Fault

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SLP097	448	'44784093_/_5972428'		2.4	3.33	3.33	0.424	0.5	3.33	1.6 No	0.424 Thermal Discharging
SLP097	449	'43825061_/_5973409'		1.3	3.33	3.33	0.424	0.37	3.33	1.6 No	0.37 Element Fault
SLP097	450	'5973223_/_667451803'		2.9	10	10	1.272	1.1	10	4.81 No	1.1 Element Fault
SLP097	451	'8376185_/_8376182'		3	10	10	1.272	1.6	10	4.81 No	1.272 Thermal Discharging
SLP097	452	'535191383_/_535191514'		3	10	10	1.272	1.6	10	4.81 No	1.272 Thermal Discharging
SLP097	453	'535191401_/_535191498'		3	10	10	1.272	1.6	10	4.81 No	1.272 Thermal Discharging
SLP097	454	'5972790_/_5972788'		1.87	6.67	6.67	0.848	0.73	6.67	3.21 No	0.73 Element Fault
SLP097	455	'5973412_/_43825063'		1.3	3.33	3.33	0.424	0.37	3.33	1.6 No	0.37 Element Fault
SLP097	456	'535191451_/_535191482'		2.8	10	10	1.272	1.6	10	4.81 No	1.272 Thermal Discharging
SLP097	457	'43825181_/_667451904'		2.7	10	10	1.272	1.1	10	4.81 No	1.1 Element Fault
SLP097	458	'115848333_/_535191455'		2.8	10	10	1.272	1.6	10	4.81 No	1.272 Thermal Discharging
SLP097	459	'8686073_/_487643511_1'		2.8	10	10	1.272	0.9	10	4.81 No	0.9 Element Fault
SLP097	460	'7426381_/_115848414'		1.87	6.67	6.67	0.848	1.07	6.67	3.21 No	0.848 Thermal Discharging
SLP097	461	'667452172_/_667452114_1'		2.7	10	10	1.272	0.5	10	4.81 No	0.5 Element Fault
SLP097	462	'667452098_/_667452114_2'		2.7	10	10	1.272	0.5	10	4.81 No	0.5 Element Fault
SLP097	463	'5973257_/_43825183'		1.8	6.67	6.67	0.848	0.73	6.67	3.21 No	0.73 Element Fault
SLP097	464	'8061460_/_8061457'		2.6	10	10	1.272	1.6	10	4.81 No	1.272 Thermal Discharging
SLP097	465	'517298191_/_517297949_1'		2.5	10	10	1.272	0.9	10	4.81 No	0.9 Element Fault
SLP097	466	'5992892_/_5992890'		1.73	6.67	6.67	0.848	0.73	6.67	3.21 No	0.73 Element Fault
SLP097	467	'43825169_/_5973269'		1.8	6.67	6.67	0.848	0.73	6.67	3.21 No	0.73 Element Fault
SLP097	468	'90801570_/_90801517_1'		0.83	3.33	3.33	0.424	0.3	3.33	1.6 No	0.3 Element Fault
SLP097	469	'517297822_/_370493369'		2.6	10	10	1.272	0.9	10	4.81 No	0.9 Element Fault
SLP097	470	'72500926_/_43825171_1'		1.8	6.67	6.67	0.848	0.73	6.67	3.21 No	0.73 Element Fault
SLP097	471	'43825157_/_43825171_2'		1.8	6.67	6.67	0.848	0.73	6.67	3.21 No	0.73 Element Fault
SLP097	472	'8112841_/_8112838'		2.3	10	10	1.272	1.5	10	4.81 No	1.272 Thermal Discharging
SLP097	473	'517297904_/_517297920'		2.5	10	10	1.272	0.9	10	4.81 No	0.9 Element Fault
SLP097	474	'90801506_/_90801517_2'		0.8	3.33	3.33	0.424	0.3	3.33	1.6 No	0.3 Element Fault
SLP097	475	'580809776_/_580809798'		2.5	10	10	1.272	0.9	10	4.81 No	0.9 Element Fault
SLP097	476	'638611300_/_638611330'		2.5	10	10	1.272	0.9	10	4.81 No	0.9 Element Fault
SLP097	477	'543102340_/_517297936'		2.5	10	10	1.272	0.9	10	4.81 No	0.9 Element Fault
SLP097	478	'543102322_/_543102344'		2.5	10	10	1.272	0.9	10	4.81 No	0.9 Element Fault
SLP097	479	'5993264_/_5993262'		1.6	6.67	6.67	0.848	0.73	6.67	3.21 No	0.73 Element Fault
SLP097	480	'5973287_/_43825159'		1.87	6.67	6.67	0.848	0.6	6.67	3.21 No	0.6 Element Fault
SLP097	481	'43825146_/_43825148'		0.9	3.33	3.33	0.424	0.37	3.33	1.6 No	0.37 Element Fault
SLP097	482	'8061792_/_8061789'		1.8	6.67	6.67	0.848	0.6	6.67	3.21 No	0.6 Element Fault
SLP097	483	'5973305_/_5973302'		0.87	3.33	3.33	0.424	0.37	3.33	1.6 No	0.37 Element Fault
SLP097	484	'5973318_/_5973315'		0.83	3.33	3.33	0.424	0.37	3.33	1.6 No	0.37 Element Fault
SLP097	485	'5973331_/_5973328'		0.83	3.33	3.33	0.424	0.37	3.33	1.6 No	0.37 Element Fault
SLP097	486	'43825135_/_5973341'		0.8	3.33	3.33	0.424	0.37	3.33	1.6 No	0.37 Element Fault
SLP097	487	'5973357_/_43825137'		0.77	3.33	3.33	0.424	0.37	3.33	1.6 No	0.37 Element Fault
SLP097	488	'5969934_/_43824156'		0.67	3.33	3.33	0.424	0.5	3.33	1.6 No	0.424 Thermal Discharging
SLP097	489	'5973370_/_5973367'		0.73	3.33	3.33	0.424	0.37	3.33	1.6 No	0.37 Element Fault
SLP097	490	'115848377_/_115848405'		1.17	3.33	3.33	0.424	0.53	3.33	1.6 No	0.424 Thermal Discharging
SLP321	0	'SLP321_/_44065004'		10	10	10	3.376	10	10	2.15 No	2.15 Unintentional Islanding
SLP321	1	'44065002_/_44065004'		10	10	10	3.376	10	10	2.15 No	2.15 Unintentional Islanding
SLP321	2	'7152499_/_7152538'		10	10	10	3.376	10	10	2.15 No	2.15 Unintentional Islanding
SLP321	3	'104543502_/_49458455'		10	10	10	3.376	10	10	2.15 No	2.15 Unintentional Islanding
SLP321	4	'104543550_/_104543504'		10	10	10	3.376	10	10	2.15 No	2.15 Unintentional Islanding
SLP321	5	'419999746_/_7152558'		10	10	10	3.376	10	10	2.14 No	2.14 Unintentional Islanding
SLP321	6	'406031222_/_419999750'		10	10	10	3.376	10	10	2.14 No	2.14 Unintentional Islanding
SLP321	7	'604214979_/_403768790_1'		10	10	10	3.376	10	10	2.14 No	2.14 Unintentional Islanding
SLP321	8	'49458458_/_104543552'		10	10	10	3.376	10	10	2.14 No	2.14 Unintentional Islanding
SLP321	9	'49458435_/_49458432'		10	10	10	3.376	10	10	2.14 No	2.14 Unintentional Islanding
SLP321	10	'403768780_/_403768790_2'		10	10	10	3.376	10	10	2.14 No	2.14 Unintentional Islanding
SLP321	11	'403768854_/_403768888'		10	10	10	3.376	10	10	2.14 No	2.14 Unintentional Islanding
SLP321	12	'415742468_/_403768912_1'		10	10	10	3.376	10	10	2.13 No	2.13 Unintentional Islanding
SLP321	13	'406030930_/_403768912_2'		10	10	10	3.376	10	10	2.13 No	2.13 Unintentional Islanding
SLP321	14	'406030970_/_406030972'		10	10	10	3.376	10	10	2.13 No	2.13 Unintentional Islanding
SLP321	15	'5961400_/_5961398'		10	10	10	3.376	10	10	2.13 No	2.13 Unintentional Islanding
SLP321	16	'5961506_/_5961520'		10	10	10	3.376	10	10	2.13 No	2.13 Unintentional Islanding
SLP321	17	'604214055_/_603948684'		10	10	10	3.376	10	10	2.13 No	2.13 Unintentional Islanding
SLP321	18	'5961384_/_5961503'		10	10	10	3.376	10	10	2.13 No	2.13 Unintentional Islanding
SLP321	19	'5961182_/_5961381'		10	10	10	3.376	10	10	2.13 No	2.13 Unintentional Islanding
SLP321	20	'5961148_/_5961179'		10	10	10	3.376	10	10	2.13 No	2.13 Unintentional Islanding
SLP321	21	'5960889_/_5961145'		10	10	10	3.376	10	10	2.13 No	2.13 Unintentional Islanding
SLP321	22	'5960888_/_5960886'		10	10	10	3.376	10	10	2.12 No	2.12 Unintentional Islanding
SLP321	23	'43819752_/_5961230'		10	10	10	3.376	10	10	2.12 No	2.12 Unintentional Islanding
SLP321	24	'5960821_/_5960835'		10	10	10	3.376	10	10	2.12 No	2.12 Unintentional Islanding
SLP321	25	'5960820_/_5960818'		10	10	10	3.376	10	10	2.12 No	2.12 Unintentional Islanding
SLP321	26	'5961660_/_5961658'		10	10	10	3.376	10	10	2.12 No	2.12 Unintentional Islanding
SLP321	27	'5961694_/_5961692'		10	10	10	3.376	10	10	2.12 No	2.12 Unintentional Islanding
SLP321	28	'443542542_/_5961709_1'		3.33	3.33	3.33	1.128	1.2	3.33	0.71 No	0.71 Unintentional Islanding
SLP321	29	'5961050_/_5961738'		10	10	10	3.376	10	10	2.11 No	2.11 Unintentional Islanding
SLP321	30	'615145298_/_5961106_1'		3.33	3.33	3.33	1.128	1.3	3.33	0.7 No	0.7 Unintentional Islanding
SLP321	31	'5961801_/_5961798'		10	10	10	3.376	10	10	2.11 No	2.11 Unintentional Islanding
SLP321	32	'615145314_/_5961132_1'		3.33	3.33	3.33	1.128	1.2	3.33	0.7 No	0.7 Unintentional Islanding
SLP321	33	'5961049_/_5961047'		10	10	10	3.376	10	10	2.11 No	2.11 Unintentional Islanding
SLP321	34	'5961885_/_5961882'		10	10	10	3.376	10	10	2.11 No	2.11 Unintentional Islanding
SLP321	35	'5961109_/_5961106_2'		3.33	3.33	3.33	1.128	1.3	3.33	0.7 No	0.7 Unintentional Islanding
SLP321	36	'4890165_/_7087148'		10	10	10	3.376	10	10	2.11 No	2.11 Unintentional Islanding
SLP321	37	'4890119_/_4890179'		10	10	10	3.376	10	10	2.11 No	2.11 Unintentional Islanding
SLP321	38	'4890166_/_7087168_1'		3.33	3.33	3.33	1.128	1.2	3.33	0.7 No	0.7 Unintentional Islanding
SLP321	39	'5961007_/_5961132_2'		3.33	3.33	3.33	1.128	1.2	3.33	0.7 No	0.7 Unintentional Islanding
SLP321	40	'4889870_/_4890117'		10	10	10	3.376	10	10	2.11 No	2.11 Unintentional Islanding
SLP321	41	'5961728_/_5961709_2'		3.33	3.33	3.33	1.128	1.2	3.33	0.7 No	0.7 Unintentional Islanding
SLP321	42	'4889871_/_4889998_1'		3.33	3.33	3.33	1.128	0.8	3.33	0.7 No	0.7 Unintentional Islanding
SLP321	43	'4889904_/_4889918'		10	10	10	3.376	10	10	2.11 No	2.11 Unintentional Islanding
SLP321	44	'4890136_/_4890150_2'		3.33	3.33	3.33	1.128	3.33	3.33	0.7 No	0.7 Unintentional Islanding
SLP321	45	'5961283_/_7087168_2'		3.33	3.33	3.33	1.128	1.2	3.33	0.7 No	0.7 Unintentional Islanding
SLP321	46	'4889815_/_4889901'		10	10	10	3.376	10	10	2.11 No	2.11 Unintentional Islanding
SLP321	47	'5961023_/_5961077'		3.33	3.33	3.33	1.128	1.3	3.33	0.7 No	0.7 Unintentional Islanding
SLP321	48	'5961008_/_5961005'		3.33	3.33	3.33	1.128	1.2	3.33	0.7 No	0.7 Unintentional Islanding
SLP321	49	'4889814_/_4889812'		10	10	10	3.376	10	10	2.1 No	2.1 Unintentional Islanding
SLP321	50	'4890321_/_4890335'		10	10	10	3.376	10	10	2.1 No	2.1 Unintentional Islanding

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SLP321	51	'4890212_/_4890254_2'	3.33		3.33	3.33	1.128	3.33	0.7 No	0.7	Unintentional Islanding
SLP321	52	'4890107_/_4890150_1'	3.33		3.33	3.33	1.128	1.2	3.33	0.7 No	0.7 Unintentional Islanding
SLP321	53	'43599064_/_43599066'	10		10	10	3.376	10	2.1 No	2.1	Unintentional Islanding
SLP321	54	'5961284_/_5961281'	3.33		3.33	3.33	1.128	1.2	3.33	0.7 No	0.7 Unintentional Islanding
SLP321	55	'44336086_/_4889998_2'	3.33		3.33	3.33	1.128	0.8	3.33	0.7 No	0.7 Unintentional Islanding
SLP321	56	'4890287_/_4890301'	10		10	10	3.376	10	2.1 No	2.1	Unintentional Islanding
SLP321	57	'4890199_/_4890254_1'	3.33		3.33	3.33	1.128	1.2	3.33	0.7 No	0.7 Unintentional Islanding
SLP321	58	'5961024_/_5961021'	3.33		3.33	3.33	1.128	1.3	3.33	0.7 No	0.7 Unintentional Islanding
SLP321	59	'4890270_/_4890284'	10		10	10	3.376	10	2.1 No	2.1	Unintentional Islanding
SLP321	60	'4889975_/_4889972_1'	3.33		3.33	3.33	1.128	0.8	3.33	0.7 No	0.7 Unintentional Islanding
SLP321	61	'43599051_/_4890267'	10		10	10	3.376	10	2.1 No	2.1	Unintentional Islanding
SLP321	62	'546749832_/_546749495_2'	10		10	10	3.376	10	2.1 No	2.1	Unintentional Islanding
SLP321	63	'535777903_/_43599053'	10		10	10	3.376	10	2.1 No	2.1	Unintentional Islanding
SLP321	64	'4890417_/_535777907'	10		10	10	3.376	10	2.1 No	2.1	Unintentional Islanding
SLP321	65	'4890081_/_4889972_2'	3.33		3.33	3.33	1.128	0.8	3.33	0.7 No	0.7 Unintentional Islanding
SLP321	66	'43599029_/_43599031'	3.33		3.33	3.33	1.128	1.2	3.33	0.7 No	0.7 Unintentional Islanding
SLP321	67	'546748939_/_546749495_1'	10		10	10	3.376	10	2.1 No	2.1	Unintentional Islanding
SLP321	68	'546748934_/_546748937'	10		10	10	3.376	10	2.1 No	2.1	Unintentional Islanding
SLP321	69	'546748945_/_546748943'	10		10	10	3.376	10	2.1 No	2.1	Unintentional Islanding
SLP321	70	'546748951_/_546748949'	10		10	10	3.376	10	2.1 No	2.1	Unintentional Islanding
SLP321	71	'546748933_/_546748931'	10		10	10	3.376	10	2.1 No	2.1	Unintentional Islanding
SLP321	72	'5960965_/_5961297'	3.33		3.33	3.33	1.128	1.2	3.33	0.7 No	0.7 Unintentional Islanding
SLP321	73	'43819864_/_5961034'	3.33		3.33	3.33	1.128	1.3	3.33	0.7 No	0.7 Unintentional Islanding
SLP321	74	'4890198_/_43594354'	3.33		3.33	3.33	1.128	1.2	3.33	0.7 No	0.7 Unintentional Islanding
SLP321	75	'546748868_/_546749464'	10		10	10	3.376	10	2.09 No	2.09	Unintentional Islanding
SLP321	76	'546748863_/_546748866'	10		10	10	3.376	10	2.09 No	2.09	Unintentional Islanding
SLP321	77	'546748880_/_546748878'	10		10	10	3.376	10	2.09 No	2.09	Unintentional Islanding
SLP321	78	'546748874_/_546748872'	10		10	10	3.376	10	2.09 No	2.09	Unintentional Islanding
SLP321	79	'546748862_/_546748860'	10		10	10	3.376	10	2.09 No	2.09	Unintentional Islanding
SLP321	80	'43819765_/_5960963'	3.33		3.33	3.33	1.128	1.2	3.33	0.7 No	0.7 Unintentional Islanding
SLP321	81	'4887637_/_4887650'	3.33		3.33	3.33	1.128	1.2	3.33	0.7 No	0.7 Unintentional Islanding
SLP321	82	'546750352_/_546750372'	3.33		3.33	3.33	1.128	3.33	0.7 No	0.7	Unintentional Islanding
SLP321	83	'43598258_/_546749443'	10		10	10	3.376	10	2.09 No	2.09	Unintentional Islanding
SLP321	84	'576274294_/_4889406'	10		10	10	3.376	10	2.09 No	2.09	Unintentional Islanding
SLP321	85	'6049935_/_7086758'	10		10	10	3.376	10	2.09 No	2.09	Unintentional Islanding
SLP321	86	'503457767_/_546749516'	10		10	10	3.376	10	2.09 No	2.09	Unintentional Islanding
SLP321	87	'6049934_/_7086794_1'	10		10	10	3.376	4.9	10	2.09 No	2.09 Unintentional Islanding
SLP321	88	'624988743_/_7086794_2'	10		10	10	3.376	4.9	10	2.09 No	2.09 Unintentional Islanding
SLP321	89	'546749359_/_546749537'	10		10	10	3.376	10	2.09 No	2.09	Unintentional Islanding
SLP321	90	'4887636_/_4887634'	3.33		3.33	3.33	1.128	1.2	3.33	0.7 No	0.7 Unintentional Islanding
SLP321	91	'6049955_/_6049972'	10		10	10	3.376	10	2.09 No	2.09	Unintentional Islanding
SLP321	92	'5960979_/_5960976'	3.33		3.33	3.33	1.128	1.2	3.33	0.7 No	0.7 Unintentional Islanding
SLP321	93	'4890354_/_503457773'	10		10	10	3.376	10	2.09 No	2.09	Unintentional Islanding
SLP321	94	'4889709_/_7086794_3'	10		10	10	3.376	4.9	10	2.09 No	2.09 Unintentional Islanding
SLP321	95	'7991743_/_7991740_2'	10		10	10	3.376	10	2.09 No	2.09	Unintentional Islanding
SLP321	96	'43835736_/_43835738'	10		10	10	3.376	10	2.09 No	2.09	Unintentional Islanding
SLP321	97	'549231198_/_8306934_1'	10		10	10	3.376	3.8	10	2.09 No	2.09 Unintentional Islanding
SLP321	98	'604215567_/_4889707_1'	3.33		3.33	3.33	1.128	1.63	3.33	0.7 No	0.7 Unintentional Islanding
SLP321	99	'152182945_/_119808607_1'	10		10	10	3.376	10	2.09 No	2.09	Unintentional Islanding
SLP321	100	'7991742_/_7991740_1'	10		10	10	3.376	3.8	10	2.09 No	2.09 Unintentional Islanding
SLP321	101	'8933572_/_8306934_2'	10		10	10	3.376	3.8	10	2.09 No	2.09 Unintentional Islanding
SLP321	102	'5960713_/_5960992'	3.33		3.33	3.33	1.128	1.2	3.33	0.7 No	0.7 Unintentional Islanding
SLP321	103	'4890355_/_43599090'	3.33		3.33	3.33	1.128	3.33	0.7 No	0.7	Unintentional Islanding
SLP321	104	'604215475_/_4889720_1'	10		10	10	3.376	4	10	2.09 No	2.09 Unintentional Islanding
SLP321	105	'7086780_/_7086778'	3.33		3.33	3.33	1.128	1.63	3.33	0.7 No	0.7 Unintentional Islanding
SLP321	106	'43598477_/_4889707_2'	3.33		3.33	3.33	1.128	1.63	3.33	0.7 No	0.7 Unintentional Islanding
SLP321	107	'604215428_/_4889720_2'	10		10	10	3.376	4	10	2.09 No	2.09 Unintentional Islanding
SLP321	108	'546748741_/_546749412'	10		10	10	3.376	10	2.08 No	2.08	Unintentional Islanding
SLP321	109	'546748736_/_546748739'	10		10	10	3.376	10	2.08 No	2.08	Unintentional Islanding
SLP321	110	'546748753_/_546748751'	10		10	10	3.376	10	2.08 No	2.08	Unintentional Islanding
SLP321	111	'546748735_/_546748733'	10		10	10	3.376	10	2.08 No	2.08	Unintentional Islanding
SLP321	112	'546748747_/_546748745'	10		10	10	3.376	10	2.08 No	2.08	Unintentional Islanding
SLP321	113	'4889471_/_4889468'	3.33		3.33	3.33	1.128	1.63	3.33	0.69 No	0.69 Unintentional Islanding
SLP321	114	'546749781_/_546749391_2'	10		10	10	3.376	10	2.08 No	2.08	Unintentional Islanding
SLP321	115	'546749054_/_546749391_1'	10		10	10	3.376	10	2.08 No	2.08	Unintentional Islanding
SLP321	116	'8933608_/_9561590'	10		10	10	3.376	3.8	10	2.09 No	2.09 Unintentional Islanding
SLP321	117	'6050419_/_546749052'	10		10	10	3.376	10	2.08 No	2.08	Unintentional Islanding
SLP321	118	'546749560_/_546749593'	10		10	10	3.376	10	2.08 No	2.08	Unintentional Islanding
SLP321	119	'9321488_/_546749564_1'	10		10	10	3.376	10	2.08 No	2.08	Unintentional Islanding
SLP321	120	'6056637_/_6056999'	10		10	10	3.376	10	2.08 No	2.08	Unintentional Islanding
SLP321	121	'6056603_/_6056634'	10		10	10	3.376	10	2.08 No	2.08	Unintentional Islanding
SLP321	122	'503457815_/_503457829'	10		10	10	3.376	10	2.09 No	2.09	Unintentional Islanding
SLP321	123	'6056586_/_6056600'	10		10	10	3.376	10	2.08 No	2.08	Unintentional Islanding
SLP321	124	'405492469_/_6056583_2'	10		10	10	3.376	10	2.08 No	2.08	Unintentional Islanding
SLP321	125	'6056585_/_6056583_1'	10		10	10	3.376	10	2.08 No	2.08	Unintentional Islanding
SLP321	126	'4889487_/_4889484'	3.33		3.33	3.33	1.128	1.63	3.33	0.69 No	0.69 Unintentional Islanding
SLP321	127	'6056670_/_6056686'	10		10	10	3.376	10	2.07 No	2.07	Unintentional Islanding
SLP321	128	'7739653_/_546749564_2'	10		10	10	3.376	10	2.08 No	2.08	Unintentional Islanding
SLP321	129	'6056569_/_6056703'	10		10	10	3.376	10	2.07 No	2.07	Unintentional Islanding
SLP321	130	'6056536_/_6056534_1'	6.67		6.67	6.67	2.248	2.7	6.67	1.38 No	1.38 Unintentional Islanding
SLP321	131	'6056552_/_6056566'	10		10	10	3.376	10	2.07 No	2.07	Unintentional Islanding
SLP321	132	'6056551_/_6056549'	10		10	10	3.376	10	2.07 No	2.07	Unintentional Islanding
SLP321	133	'566476620_/_566476671_1'	10		10	10	3.376	10	2.08 No	2.08	Unintentional Islanding
SLP321	134	'6056619_/_6056617'	10		10	10	3.376	10	2.07 No	2.07	Unintentional Islanding
SLP321	135	'6051645_/_6056720'	10		10	10	3.376	10	2.07 No	2.07	Unintentional Islanding
SLP321	136	'7739654_/_7739651'	10		10	10	3.376	10	2.08 No	2.08	Unintentional Islanding
SLP321	137	'6055405_/_6055403'	10		10	10	3.376	10	2.07 No	2.07	Unintentional Islanding
SLP321	138	'6056027_/_6056534_2'	6.67		6.67	6.67	2.248	2.7	6.67	1.38 No	1.38 Unintentional Islanding
SLP321	139	'6054797_/_6055420'	10		10	10	3.376	10	2.06 No	2.06	Unintentional Islanding
SLP321	140	'6051619_/_6051617_1'	3.33		3.33	3.33	1.128	1.3	3.33	0.69 No	0.69 Unintentional Islanding
SLP321	141	'6056351_/_6056348_1'	3.33		3.33	3.33	1.128	0.8	3.33	0.69 No	0.69 Unintentional Islanding
SLP321	142	'6054777_/_6054794'	10		10	10	3.376	10	2.06 No	2.06	Unintentional Islanding
SLP321	143	'6056364_/_6056348_2'	3.33		3.33	3.33	1.128	0.8	3.33	0.69 No	0.69 Unintentional Islanding
SLP321	144	'6054742_/_6054774'	10		10	10	3.376	10	2.06 No	2.06	Unintentional Islanding

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SLP321	145	'6056380_/_6056348_3'	3.33		3.33	3.33	1.128	0.8	3.33	0.69 No	0.69 Unintentional Islanding
SLP321	146	'43837189_/_43837191'	10		10	10	3.376	10	10	2.06 No	2.06 Unintentional Islanding
SLP321	147	'43837178_/_6051617_2'	3.33		3.33	3.33	1.128	1.3	3.33	0.69 No	0.69 Unintentional Islanding
SLP321	148	'6053199_/_6054739'	10		10	10	3.376	10	10	2.06 No	2.06 Unintentional Islanding
SLP321	149	'43835624_/_43835613'	6.67		6.67	6.67	2.248	2.7	6.67	1.38 No	1.38 Unintentional Islanding
SLP321	150	'231857389_/_6052910_1'	3.33		3.33	3.33	1.128	0.4	3.33	0.69 No	0.4 Element Fault
SLP321	151	'8933607_/_564255578'	10		10	10	3.376	10	10	2.08 No	2.08 Unintentional Islanding
SLP321	152	'508362306_/_6053235_1'	3.33		3.33	3.33	1.128	1.2	3.33	0.69 No	0.69 Unintentional Islanding
SLP321	153	'608497323_/_119808607_2'	10		10	10	3.376	10	10	2.07 No	2.07 Unintentional Islanding
SLP321	154	'6053883_/_6053914'	10		10	10	3.376	10	10	2.06 No	2.06 Unintentional Islanding
SLP321	155	'6056338_/_6056416'	3.33		3.33	3.33	1.128	0.8	3.33	0.69 No	0.69 Unintentional Islanding
SLP321	156	'6053866_/_6053880'	10		10	10	3.376	10	10	2.06 No	2.06 Unintentional Islanding
SLP321	157	'6052842_/_6053863'	10		10	10	3.376	10	10	2.06 No	2.06 Unintentional Islanding
SLP321	158	'6054663_/_6054756'	6.67		6.67	6.67	2.248	6.1	6.67	1.37 No	1.37 Unintentional Islanding
SLP321	159	'6052829_/_43836155_1'	3.33		3.33	3.33	1.128	1.2	3.33	0.68 No	0.68 Unintentional Islanding
SLP321	160	'6053832_/_6053846'	10		10	10	3.376	10	10	2.05 No	2.05 Unintentional Islanding
SLP321	161	'102360368_/_6054661_1'	6.67		6.67	6.67	2.248	2.7	6.67	1.37 No	1.37 Unintentional Islanding
SLP321	162	'6053224_/_6053235_2'	3.33		3.33	3.33	1.128	1.2	3.33	0.69 No	0.69 Unintentional Islanding
SLP321	163	'6051606_/_6051630'	3.33		3.33	3.33	1.128	1.3	3.33	0.69 No	0.69 Unintentional Islanding
SLP321	164	'6056393_/_6056390'	3.33		3.33	3.33	1.128	0.8	3.33	0.69 No	0.69 Unintentional Islanding
SLP321	165	'7739726_/_8379814_1'	3.33		3.33	3.33	1.128	1.2	3.33	0.68 No	0.68 Unintentional Islanding
SLP321	166	'6053815_/_6053829'	10		10	10	3.376	10	10	2.05 No	2.05 Unintentional Islanding
SLP321	167	'43836140_/_6053812'	10		10	10	3.376	10	10	2.05 No	2.05 Unintentional Islanding
SLP321	168	'6052912_/_6052910_2'	3.33		3.33	3.33	1.128	0.4	3.33	0.68 No	0.4 Element Fault
SLP321	169	'6056325_/_6056335'	3.33		3.33	3.33	1.128	0.8	3.33	0.69 No	0.69 Unintentional Islanding
SLP321	170	'6052857_/_6053792'	10		10	10	3.376	10	10	2.05 No	2.05 Unintentional Islanding
SLP321	171	'6053761_/_6053775'	10		10	10	3.376	10	10	2.05 No	2.05 Unintentional Islanding
SLP321	172	'8379832_/_9321578_2'	3.33		3.33	3.33	1.128	3.33	3.33	0.68 No	0.68 Unintentional Islanding
SLP321	173	'6055922_/_6056040'	6.67		6.67	6.67	2.248	2.7	6.67	1.38 No	1.38 Unintentional Islanding
SLP321	174	'6053760_/_6053758'	10		10	10	3.376	10	10	2.05 No	2.05 Unintentional Islanding
SLP321	175	'6052858_/_6052868_1'	3.33		3.33	3.33	1.128	1.2	3.33	0.68 No	0.68 Unintentional Islanding
SLP321	176	'6052925_/_6053222'	3.33		3.33	3.33	1.128	1.2	3.33	0.68 No	0.68 Unintentional Islanding
SLP321	177	'6055923_/_6055920_1'	3.33		3.33	3.33	1.128	0.8	3.33	0.69 No	0.69 Unintentional Islanding
SLP321	178	'6052354_/_6054837'	10		10	10	3.376	10	10	2.05 No	2.05 Unintentional Islanding
SLP321	179	'6054544_/_6054661_2'	6.67		6.67	6.67	2.248	2.7	6.67	1.37 No	1.37 Unintentional Islanding
SLP321	180	'6051515_/_6051604'	3.33		3.33	3.33	1.128	1.3	3.33	0.69 No	0.69 Unintentional Islanding
SLP321	181	'6053727_/_6053741'	10		10	10	3.376	10	10	2.05 No	2.05 Unintentional Islanding
SLP321	182	'6054814_/_6054824_1'	3.33		3.33	3.33	1.128	1.2	3.33	0.68 No	0.68 Unintentional Islanding
SLP321	183	'6055936_/_6055920_2'	3.33		3.33	3.33	1.128	0.8	3.33	0.69 No	0.69 Unintentional Islanding
SLP321	184	'6052828_/_43836155_2'	3.33		3.33	3.33	1.128	1.2	3.33	0.68 No	0.68 Unintentional Islanding
SLP321	185	'6052355_/_6052368_1'	3.33		3.33	3.33	1.128	1.3	3.33	0.68 No	0.68 Unintentional Islanding
SLP321	186	'6053710_/_6053724'	10		10	10	3.376	10	10	2.05 No	2.05 Unintentional Islanding
SLP321	187	'624988667_/_43836050'	10		10	10	3.376	10	10	2.05 No	2.05 Unintentional Islanding
SLP321	188	'624988694_/_6052310_1'	3.33		3.33	3.33	1.128	0.4	3.33	0.68 No	0.4 Element Fault
SLP321	189	'43836105_/_6053690'	10		10	10	3.376	10	10	2.04 No	2.04 Unintentional Islanding
SLP321	190	'8379817_/_8379814_2'	3.33		3.33	3.33	1.128	1.2	3.33	0.68 No	0.68 Unintentional Islanding
SLP321	191	'6052871_/_6052868_2'	3.33		3.33	3.33	1.128	1.2	3.33	0.68 No	0.68 Unintentional Islanding
SLP321	192	'6055949_/_6055920_3'	3.33		3.33	3.33	1.128	0.8	3.33	0.69 No	0.69 Unintentional Islanding
SLP321	193	'6053659_/_6053673'	10		10	10	3.376	10	10	2.04 No	2.04 Unintentional Islanding
SLP321	194	'6056406_/_6056403'	3.33		3.33	3.33	1.128	0.8	3.33	0.69 No	0.69 Unintentional Islanding
SLP321	195	'43836083_/_6052368_2'	3.33		3.33	3.33	1.128	1.3	3.33	0.68 No	0.68 Unintentional Islanding
SLP321	196	'43837130_/_43837132'	3.33		3.33	3.33	1.128	0.8	3.33	0.69 No	0.69 Unintentional Islanding
SLP321	197	'6052926_/_6052923'	3.33		3.33	3.33	1.128	1.2	3.33	0.68 No	0.68 Unintentional Islanding
SLP321	198	'6053642_/_43836026'	10		10	10	3.376	10	10	2.04 No	2.04 Unintentional Islanding
SLP321	199	'6054051_/_6054066_2'	10		10	10	3.376	10	10	2.04 No	2.04 Unintentional Islanding
SLP321	200	'6056058_/_6056055'	6.67		6.67	6.67	2.248	2.7	6.67	1.37 No	1.37 Unintentional Islanding
SLP321	201	'6053625_/_6053639'	10		10	10	3.376	10	10	2.04 No	2.04 Unintentional Islanding
SLP321	202	'443543043_/_443542986_2'	3.33		3.33	3.33	1.128	2.9	3.33	0.68 No	0.68 Unintentional Islanding
SLP321	203	'6054827_/_6054824_2'	3.33		3.33	3.33	1.128	1.2	3.33	0.68 No	0.68 Unintentional Islanding
SLP321	204	'6054545_/_6054542'	3.33		3.33	3.33	1.128	1.35	3.33	0.68 No	0.68 Unintentional Islanding
SLP321	205	'6052300_/_6052310_2'	3.33		3.33	3.33	1.128	0.4	3.33	0.68 No	0.4 Element Fault
SLP321	206	'6055910_/_6056146'	3.33		3.33	3.33	1.128	0.8	3.33	0.69 No	0.69 Unintentional Islanding
SLP321	207	'6052435_/_6052433'	10		10	10	3.376	10	10	2.04 No	2.04 Unintentional Islanding
SLP321	208	'6054647_/_6054645'	3.33		3.33	3.33	1.128	1.35	3.33	0.68 No	0.68 Unintentional Islanding
SLP321	209	'6054571_/_6054568'	6.67		6.67	6.67	2.248	2.7	6.67	1.37 No	1.37 Unintentional Islanding
SLP321	210	'43836355_/_6051513'	3.33		3.33	3.33	1.128	1.3	3.33	0.68 No	0.68 Unintentional Islanding
SLP321	211	'393488310_/_393488277_1'	3.33		3.33	3.33	1.128	1.3	3.33	0.68 No	0.68 Unintentional Islanding
SLP321	212	'6053900_/_6053931'	10		10	10	3.376	10	10	2.04 No	2.04 Unintentional Islanding
SLP321	213	'6055962_/_6055959'	3.33		3.33	3.33	1.128	0.8	3.33	0.69 No	0.69 Unintentional Islanding
SLP321	214	'6052384_/_6052381'	3.33		3.33	3.33	1.128	1.3	3.33	0.68 No	0.68 Unintentional Islanding
SLP321	215	'6052884_/_6052881'	3.33		3.33	3.33	1.128	1.2	3.33	0.68 No	0.68 Unintentional Islanding
SLP321	216	'6056299_/_6056309'	3.33		3.33	3.33	1.128	0.8	3.33	0.69 No	0.69 Unintentional Islanding
SLP321	217	'6054012_/_6054009_1'	10		10	10	3.376	4	10	2.04 No	2.04 Unintentional Islanding
SLP321	218	'6053591_/_6053605'	10		10	10	3.376	10	10	2.04 No	2.04 Unintentional Islanding
SLP321	219	'43835578_/_6055907'	3.33		3.33	3.33	1.128	0.8	3.33	0.69 No	0.69 Unintentional Islanding
SLP321	220	'6054143_/_6054555'	3.33		3.33	3.33	1.128	1.35	3.33	0.68 No	0.68 Unintentional Islanding
SLP321	221	'6052270_/_6054066_1'	10		10	10	3.376	4.2	10	2.04 No	2.04 Unintentional Islanding
SLP321	222	'6053574_/_6053588'	10		10	10	3.376	10	10	2.03 No	2.03 Unintentional Islanding
SLP321	223	'443543175_/_443543158_2'	3.33		3.33	3.33	1.128	3.33	3.33	0.68 No	0.68 Unintentional Islanding
SLP321	224	'6053983_/_6053980_2'	3.33		3.33	3.33	1.128	3.33	3.33	0.68 No	0.68 Unintentional Islanding
SLP321	225	'6056803_/_6056801'	3.33		3.33	3.33	1.128	1.2	3.33	0.68 No	0.68 Unintentional Islanding
SLP321	226	'443542982_/_443542986_1'	3.33		3.33	3.33	1.128	1.3	3.33	0.68 No	0.68 Unintentional Islanding
SLP321	227	'6053557_/_6053571'	10		10	10	3.376	10	10	2.03 No	2.03 Unintentional Islanding
SLP321	228	'43836976_/_43836978'	3.33		3.33	3.33	1.128	0.4	3.33	0.68 No	0.4 Element Fault
SLP321	229	'6053540_/_6053554'	10		10	10	3.376	10	10	2.03 No	2.03 Unintentional Islanding
SLP321	230	'103435418_/_6053951_2'	3.33		3.33	3.33	1.128	3.33	3.33	0.68 No	0.68 Unintentional Islanding
SLP321	231	'6054586_/_6054583'	6.67		6.67	6.67	2.248	2.7	6.67	1.37 No	1.37 Unintentional Islanding
SLP321	232	'393488327_/_393488277_2'	3.33		3.33	3.33	1.128	1.3	3.33	0.68 No	0.68 Unintentional Islanding
SLP321	233	'6052171_/_6054009_2'	10		10	10	3.376	4	10	2.04 No	2.04 Unintentional Islanding
SLP321	234	'6051529_/_43836357'	3.33		3.33	3.33	1.128	1.3	3.33	0.68 No	0.68 Unintentional Islanding
SLP321	235	'6053523_/_6053537'	10		10	10	3.376	10	10	2.03 No	2.03 Unintentional Islanding
SLP321	236	'443543333_/_443543314_2'	3.33		3.33	3.33	1.128	3.33	3.33	0.68 No	0.68 Unintentional Islanding
SLP321	237	'43836094_/_6052394'	3.33		3.33	3.33	1.128	1.3	3.33	0.68 No	0.68 Unintentional Islanding
SLP321	238	'6052089_/_6053980_1'	3.33		3.33	3.33	1.128	1.3	3.33	0.68 No	0.68 Unintentional Islanding

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
											VSR (MW)	Limiting Threshold
SLP321	239	'6055831_/_6056085'		6.67		6.67	6.67	2.248	2.7	6.67	1.37 No	1.37 Unintentional Islanding
SLP321	240	'6053506_/_6053520'		10		10	10	3.376	10	2.03 No	2.03 Unintentional Islanding	2.03 Unintentional Islanding
SLP321	241	'6052287_/_6052297'		3.33		3.33	3.33	1.128	0.4	3.33	0.68 No	0.4 Element Fault
SLP321	242	'43836164_/_6052897'		3.33		3.33	3.33	1.128	1.2	3.33	0.68 No	0.68 Unintentional Islanding
SLP321	243	'6051179_/_6053503'		10		10	10	3.376	10	10	2.03 No	2.03 Unintentional Islanding
SLP321	244	'6055832_/_6055829_1'		3.33		3.33	3.33	1.128	0.8	3.33	0.68 No	0.68 Unintentional Islanding
SLP321	245	'6052101_/_443543158_1'		3.33		3.33	3.33	1.128	1.3	3.33	0.68 No	0.68 Unintentional Islanding
SLP321	246	'443543484_/_6051330_1'		3.33		3.33	3.33	1.128	1.3	3.33	0.68 No	0.68 Unintentional Islanding
SLP321	247	'6056286_/_6056296'		3.33		3.33	3.33	1.128	0.8	3.33	0.68 No	0.68 Unintentional Islanding
SLP321	248	'6051379_/_6051376_2'		3.33		3.33	3.33	1.128	3.33	3.33	0.68 No	0.68 Unintentional Islanding
SLP321	249	'6056791_/_6056788'		3.33		3.33	3.33	1.128	0.8	3.33	0.68 No	0.68 Unintentional Islanding
SLP321	250	'6051313_/_6051356'		10		10	10	3.376	10	10	2.03 No	2.03 Unintentional Islanding
SLP321	251	'43836277_/_6054141'		3.33		3.33	3.33	1.128	1.35	3.33	0.68 No	0.68 Unintentional Islanding
SLP321	252	'8688472_/_9321578_1'		3.33		3.33	3.33	1.128	1.2	3.33	0.68 No	0.68 Unintentional Islanding
SLP321	253	'371149357_/_6055829_2'		3.33		3.33	3.33	1.128	0.8	3.33	0.68 No	0.68 Unintentional Islanding
SLP321	254	'43836000_/_6052267'		10		10	10	3.376	4.2	10	2.04 No	2.04 Unintentional Islanding
SLP321	255	'6051312_/_6051310'		10		10	10	3.376	10	10	2.03 No	2.03 Unintentional Islanding
SLP321	256	'6056833_/_6056843'		3.33		3.33	3.33	1.128	0.8	3.33	0.68 No	0.68 Unintentional Islanding
SLP321	257	'6052024_/_6053951_1'		3.33		3.33	3.33	1.128	1.3	3.33	0.68 No	0.68 Unintentional Islanding
SLP321	258	'443543002_/_443543006'		3.33		3.33	3.33	1.128	1.3	3.33	0.68 No	0.68 Unintentional Islanding
SLP321	259	'6055205_/_6055218'		10		10	10	3.376	10	10	2.03 No	2.03 Unintentional Islanding
SLP321	260	'603948764_/_603948762'		3.33		3.33	3.33	1.128	1.2	3.33	0.68 No	0.68 Unintentional Islanding
SLP321	261	'6054601_/_6054598'		6.67		6.67	6.67	2.248	2.7	6.67	1.37 No	1.37 Unintentional Islanding
SLP321	262	'443543312_/_443543314_1'		3.33		3.33	3.33	1.128	1.3	3.33	0.68 No	0.68 Unintentional Islanding
SLP321	263	'43838234_/_6056956'		10		10	10	3.376	10	10	2.03 No	2.03 Unintentional Islanding
SLP321	264	'6052188_/_6052185'		3.33		3.33	3.33	1.128	1.3	3.33	0.68 No	0.68 Unintentional Islanding
SLP321	265	'6051542_/_6051539'		3.33		3.33	3.33	1.128	1.3	3.33	0.68 No	0.68 Unintentional Islanding
SLP321	266	'114671318_/_8688486_3'		10		10	10	3.376	10	10	2.03 No	2.03 Unintentional Islanding
SLP321	267	'6051346_/_6053490'		3.33		3.33	3.33	1.128	0.4	3.33	0.68 No	0.4 Element Fault
SLP321	268	'6055237_/_6055235_1'		3.33		3.33	3.33	1.128	1.3	3.33	0.68 No	0.68 Unintentional Islanding
SLP321	269	'6056910_/_6056907_3'		3.33		3.33	3.33	1.128	3.33	3.33	0.68 No	0.68 Unintentional Islanding
SLP321	270	'43835919_/_6051330_2'		3.33		3.33	3.33	1.128	1.3	3.33	0.68 No	0.68 Unintentional Islanding
SLP321	271	'6056103_/_6056100'		6.67		6.67	6.67	2.248	2.7	6.67	1.37 No	1.37 Unintentional Islanding
SLP321	272	'6055858_/_6055829_3'		3.33		3.33	3.33	1.128	0.8	3.33	0.68 No	0.68 Unintentional Islanding
SLP321	273	'6052410_/_43836096'		3.33		3.33	3.33	1.128	1.3	3.33	0.68 No	0.68 Unintentional Islanding
SLP321	274	'6051167_/_6051376_1'		3.33		3.33	3.33	1.128	1.2	3.33	0.68 No	0.68 Unintentional Islanding
SLP321	275	'6054157_/_6054154'		3.33		3.33	3.33	1.128	1.35	3.33	0.68 No	0.68 Unintentional Islanding
SLP321	276	'6056285_/_6056283'		3.33		3.33	3.33	1.128	0.8	3.33	0.68 No	0.68 Unintentional Islanding
SLP321	277	'6052102_/_6052099'		3.33		3.33	3.33	1.128	1.3	3.33	0.68 No	0.68 Unintentional Islanding
SLP321	278	'43835897_/_43835899'		3.33		3.33	3.33	1.128	1.3	3.33	0.68 No	0.68 Unintentional Islanding
SLP321	279	'604215690_/_43836166'		3.33		3.33	3.33	1.128	1.2	3.33	0.68 No	0.68 Unintentional Islanding
SLP321	280	'43835545_/_6056159'		3.33		3.33	3.33	1.128	0.8	3.33	0.68 No	0.68 Unintentional Islanding
SLP321	281	'6052201_/_6052198'		3.33		3.33	3.33	1.128	1.3	3.33	0.68 No	0.68 Unintentional Islanding
SLP321	282	'608497289_/_608497355'		10		10	10	3.376	10	10	2.06 No	2.06 Unintentional Islanding
SLP321	283	'6051555_/_6051552'		3.33		3.33	3.33	1.128	1.3	3.33	0.68 No	0.68 Unintentional Islanding
SLP321	284	'6051299_/_6052284'		3.33		3.33	3.33	1.128	0.4	3.33	0.68 No	0.4 Element Fault
SLP321	285	'6052154_/_6052168'		10		10	10	3.376	4	10	2.03 No	2.03 Unintentional Islanding
SLP321	286	'43835886_/_6052021'		3.33		3.33	3.33	1.128	1.3	3.33	0.68 No	0.68 Unintentional Islanding
SLP321	287	'6051283_/_6052250'		10		10	10	3.376	4.2	10	2.03 No	2.03 Unintentional Islanding
SLP321	288	'6052037_/_6052034'		3.33		3.33	3.33	1.128	1.3	3.33	0.68 No	0.68 Unintentional Islanding
SLP321	289	'6055163_/_6056907_2'		3.33		3.33	3.33	1.128	1.3	3.33	0.67 No	0.67 Unintentional Islanding
SLP321	290	'6055897_/_6056830'		3.33		3.33	3.33	1.128	0.8	3.33	0.68 No	0.68 Unintentional Islanding
SLP321	291	'6051193_/_6051190'		3.33		3.33	3.33	1.128	1.3	3.33	0.67 No	0.67 Unintentional Islanding
SLP321	292	'6050406_/_6056986'		3.33		3.33	3.33	1.128	0.8	3.33	0.68 No	0.68 Unintentional Islanding
SLP321	293	'43835908_/_6055235_2'		3.33		3.33	3.33	1.128	1.3	3.33	0.67 No	0.67 Unintentional Islanding
SLP321	294	'6054173_/_6054170'		3.33		3.33	3.33	1.128	1.35	3.33	0.68 No	0.68 Unintentional Islanding
SLP321	295	'43835853_/_6056907_1'		3.33		3.33	3.33	1.128	1.3	3.33	0.67 No	0.67 Unintentional Islanding
SLP321	296	'443543022_/_443543024'		3.33		3.33	3.33	1.128	1.3	3.33	0.68 No	0.68 Unintentional Islanding
SLP321	297	'6055871_/_6055868'		3.33		3.33	3.33	1.128	0.8	3.33	0.68 No	0.68 Unintentional Islanding
SLP321	298	'624988648_/_6052420'		3.33		3.33	3.33	1.128	1.3	3.33	0.68 No	0.68 Unintentional Islanding
SLP321	299	'6052664_/_231206731'		3.33		3.33	3.33	1.128	1.3	3.33	0.68 No	0.68 Unintentional Islanding
SLP321	300	'6051154_/_6051164'		3.33		3.33	3.33	1.128	1.2	3.33	0.67 No	0.67 Unintentional Islanding
SLP321	301	'8688473_/_8688470'		3.33		3.33	3.33	1.128	1.2	3.33	0.68 No	0.68 Unintentional Islanding
SLP321	302	'6052115_/_6052112'		3.33		3.33	3.33	1.128	1.3	3.33	0.68 No	0.68 Unintentional Islanding
SLP321	303	'6051282_/_6051280'		10		10	10	3.376	4.2	10	2.03 No	2.03 Unintentional Islanding
SLP321	304	'43836013_/_6052211'		3.33		3.33	3.33	1.128	1.3	3.33	0.68 No	0.68 Unintentional Islanding
SLP321	305	'398543900_/_6052086'		3.33		3.33	3.33	1.128	1.3	3.33	0.68 No	0.68 Unintentional Islanding
SLP321	306	'6055806_/_43835547'		3.33		3.33	3.33	1.128	0.8	3.33	0.68 No	0.68 Unintentional Islanding
SLP321	307	'6055896_/_6055894'		3.33		3.33	3.33	1.128	0.8	3.33	0.68 No	0.68 Unintentional Islanding
SLP321	308	'6051943_/_6051940'		3.33		3.33	3.33	1.128	1.3	3.33	0.67 No	0.67 Unintentional Islanding
SLP321	309	'6056213_/_6056239'		6.67		6.67	6.67	2.248	2.7	6.67	1.36 No	1.36 Unintentional Islanding
SLP321	310	'6051219_/_6052008'		3.33		3.33	3.33	1.128	1.3	3.33	0.67 No	0.67 Unintentional Islanding
SLP321	311	'6052050_/_6052047'		3.33		3.33	3.33	1.128	1.3	3.33	0.67 No	0.67 Unintentional Islanding
SLP321	312	'624988493_/_6056198_1'		3.33		3.33	3.33	1.128	0.8	3.33	0.68 No	0.68 Unintentional Islanding
SLP321	313	'624988503_/_6056198_2'		3.33		3.33	3.33	1.128	0.8	3.33	0.68 No	0.68 Unintentional Islanding
SLP321	314	'6054215_/_6054613'		6.67		6.67	6.67	2.248	2.7	6.67	1.36 No	1.36 Unintentional Islanding
SLP321	315	'6055884_/_43835569'		3.33		3.33	3.33	1.128	0.8	3.33	0.68 No	0.68 Unintentional Islanding
SLP321	316	'604214700_/_8688486_2'		10		10	10	3.376	10	10	2.02 No	2.02 Unintentional Islanding
SLP321	317	'6056876_/_8688486_1'		10		10	10	3.376	10	10	2.02 No	2.02 Unintentional Islanding
SLP321	318	'6052764_/_43836039'		3.33		3.33	3.33	1.128	1.3	3.33	0.68 No	0.68 Unintentional Islanding
SLP321	319	'6051568_/_6051565'		3.33		3.33	3.33	1.128	1.3	3.33	0.68 No	0.68 Unintentional Islanding
SLP321	320	'43838986_/_43838988'		10		10	10	3.376	10	10	2.02 No	2.02 Unintentional Islanding
SLP321	321	'624988284_/_9001489_1'		10		10	10	3.376	4.8	10	2.02 No	2.02 Unintentional Islanding
SLP321	322	'6055283_/_6055281'		10		10	10	3.376	4.2	10	2.03 No	2.03 Unintentional Islanding
SLP321	323	'394818318_/_6054212_2'		3.33		3.33	3.33	1.128	1.35	3.33	0.68 No	0.68 Unintentional Islanding
SLP321	324	'72981753_/_72981658_3'		3.33		3.33	3.33	1.128	1.35	3.33	0.68 No	0.68 Unintentional Islanding
SLP321	325	'6054202_/_6054212_1'		3.33		3.33	3.33	1.128	0.9	3.33	0.68 No	0.68 Unintentional Islanding
SLP321	326	'43835987_/_43835989'		10		10	10	3.376	4	10	2.03 No	2.03 Unintentional Islanding
SLP321	327	'6055150_/_6055160'		3.33		3.33	3.33	1.128	1.3	3.33	0.67 No	0.67 Unintentional Islanding
SLP321	328	'8688680_/_9001489_2'		10		10	10	3.376	4.8	10	2.02 No	2.02 Unintentional Islanding
SLP321	329	'6051729_/_6056856'		10		10	10	3.376	10	10	2.02 No	2.02 Unintentional Islanding
SLP321	330	'6051956_/_6051953'		3.33		3.33	3.33	1.128	1.3	3.33	0.67 No	0.67 Unintentional Islanding
SLP321	331	'6052680_/_6052677'										

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SLP321	333	'43835864_/6051151'	3.33	3.33	3.33	1.128	1.2	3.33	0.67 No	0.67	Unintentional Islanding
SLP321	334	'6052227_/6052224'	3.33	3.33	3.33	1.128	1.3	3.33	0.67 No	0.67	Unintentional Islanding
SLP321	335	'43835963_/6052125'	3.33	3.33	3.33	1.128	1.3	3.33	0.67 No	0.67	Unintentional Islanding
SLP321	336	'43835589_/6050403'	3.33	3.33	3.33	1.128	0.8	3.33	0.68 No	0.68	Unintentional Islanding
SLP321	337	'6055176_/43835910'	3.33	3.33	3.33	1.128	1.3	3.33	0.67 No	0.67	Unintentional Islanding
SLP321	338	'6055793_/6055803'	3.33	3.33	3.33	1.128	0.8	3.33	0.68 No	0.68	Unintentional Islanding
SLP321	339	'6051728_/6051726'	10	10	10	3.376	10	10	2.01 No	2.01	Unintentional Islanding
SLP321	340	'43835952_/6052060'	3.33	3.33	3.33	1.128	1.3	3.33	0.67 No	0.67	Unintentional Islanding
SLP321	341	'6052651_/6052661'	3.33	3.33	3.33	1.128	1.3	3.33	0.68 No	0.68	Unintentional Islanding
SLP321	342	'6055766_/6056185'	3.33	3.33	3.33	1.128	0.8	3.33	0.68 No	0.68	Unintentional Islanding
SLP321	343	'6054419_/6054416'	6.67	6.67	6.67	2.248	2.7	6.67	1.36 No	1.36	Unintentional Islanding
SLP321	344	'6057337_/6057354'	10	10	10	3.376	10	10	2.01 No	2.01	Unintentional Islanding
SLP321	345	'515108830_/9321774_1'	10	10	10	3.376	4.8	10	2.01 No	2.01	Unintentional Islanding
SLP321	346	'8064534_/9321774_2'	10	10	10	3.376	4.8	10	2.01 No	2.01	Unintentional Islanding
SLP321	347	'6052777_/6052774'	3.33	3.33	3.33	1.128	1.3	3.33	0.68 No	0.68	Unintentional Islanding
SLP321	348	'74634401_/72981658_2'	3.33	3.33	3.33	1.128	1.1	3.33	0.68 No	0.68	Unintentional Islanding
SLP321	349	'43835930_/6051966'	3.33	3.33	3.33	1.128	1.3	3.33	0.67 No	0.67	Unintentional Islanding
SLP321	350	'6051205_/43835877'	3.33	3.33	3.33	1.128	1.3	3.33	0.67 No	0.67	Unintentional Islanding
SLP321	351	'6051232_/6051246'	10	10	10	3.376	4	10	2.03 No	2.03	Unintentional Islanding
SLP321	352	'124278298_/6051578'	3.33	3.33	3.33	1.128	1.3	3.33	0.68 No	0.68	Unintentional Islanding
SLP321	353	'43836288_/6054199'	3.33	3.33	3.33	1.128	0.9	3.33	0.68 No	0.68	Unintentional Islanding
SLP321	354	'54688828_/54688825'	10	10	10	3.376	10	10	2.01 No	2.01	Unintentional Islanding
SLP321	355	'43835512_/6056198_3'	3.33	3.33	3.33	1.128	0.8	3.33	0.68 No	0.68	Unintentional Islanding
SLP321	356	'72981776_/72981658_1'	3.33	3.33	3.33	1.128	1.1	3.33	0.68 No	0.68	Unintentional Islanding
SLP321	357	'6055137_/6055147'	3.33	3.33	3.33	1.128	1.3	3.33	0.67 No	0.67	Unintentional Islanding
SLP321	358	'6055565_/6055562'	6.67	6.67	6.67	2.248	2.7	6.67	1.36 No	1.36	Unintentional Islanding
SLP321	359	'6055192_/6055189'	3.33	3.33	3.33	1.128	1.3	3.33	0.67 No	0.67	Unintentional Islanding
SLP321	360	'54688888_/54688858_1'	10	10	10	3.376	3.8	10	2.01 No	2.01	Unintentional Islanding
SLP321	361	'124278326_/6051591'	3.33	3.33	3.33	1.128	1.3	3.33	0.68 No	0.68	Unintentional Islanding
SLP321	362	'6057158_/6057334'	10	10	10	3.376	10	10	2.01 No	2.01	Unintentional Islanding
SLP321	363	'6057141_/6057155'	10	10	10	3.376	10	10	2.01 No	2.01	Unintentional Islanding
SLP321	364	'43835556_/43835558'	3.33	3.33	3.33	1.128	0.8	3.33	0.68 No	0.68	Unintentional Islanding
SLP321	365	'43835588_/6049882'	3.33	3.33	3.33	1.128	0.8	3.33	0.68 No	0.68	Unintentional Islanding
SLP321	366	'6050915_/6055298'	10	10	10	3.376	4.2	10	2.03 No	2.03	Unintentional Islanding
SLP321	367	'43835863_/6051138'	3.33	3.33	3.33	1.128	1.2	3.33	0.67 No	0.67	Unintentional Islanding
SLP321	368	'43835523_/6055764'	3.33	3.33	3.33	1.128	0.8	3.33	0.68 No	0.68	Unintentional Islanding
SLP321	369	'603948827_/603948824'	3.33	3.33	3.33	1.128	1.3	3.33	0.67 No	0.67	Unintentional Islanding
SLP321	370	'6052638_/6052648'	3.33	3.33	3.33	1.128	1.3	3.33	0.67 No	0.67	Unintentional Islanding
SLP321	371	'6052693_/6052690'	3.33	3.33	3.33	1.128	1.3	3.33	0.67 No	0.67	Unintentional Islanding
SLP321	372	'6057073_/6057138'	10	10	10	3.376	10	10	2.01 No	2.01	Unintentional Islanding
SLP321	373	'43836321_/6054431'	6.67	6.67	6.67	2.248	2.7	6.67	1.36 No	1.36	Unintentional Islanding
SLP321	374	'6051231_/6051229'	10	10	10	3.376	4	10	2.03 No	2.03	Unintentional Islanding
SLP321	375	'624988928_/43835976'	10	10	10	3.376	4	10	2.03 No	2.03	Unintentional Islanding
SLP321	376	'603957155_/43836199_2'	3.33	3.33	3.33	1.128	1.3	3.33	0.67 No	0.67	Unintentional Islanding
SLP321	377	'6052790_/6052787'	3.33	3.33	3.33	1.128	1.3	3.33	0.68 No	0.68	Unintentional Islanding
SLP321	378	'6055619_/6055616'	6.67	6.67	6.67	2.248	2.7	6.67	1.36 No	1.36	Unintentional Islanding
SLP321	379	'6057053_/6057070'	9.9	10	10	3.376	10	10	2 No	2	Unintentional Islanding
SLP321	380	'43836299_/6054238'	3.33	3.33	3.33	1.128	1.1	3.33	0.68 No	0.68	Unintentional Islanding
SLP321	381	'6055738_/6055748'	3.33	3.33	3.33	1.128	0.8	3.33	0.68 No	0.68	Unintentional Islanding
SLP321	382	'624988438_/6055709_1'	3.33	3.33	3.33	1.128	0.8	3.33	0.68 No	0.68	Unintentional Islanding
SLP321	383	'624988448_/6055709_2'	3.33	3.33	3.33	1.128	0.8	3.33	0.68 No	0.68	Unintentional Islanding
SLP321	384	'6055136_/6055134'	3.33	3.33	3.33	1.128	1.3	3.33	0.67 No	0.67	Unintentional Islanding
SLP321	385	'6050898_/6050912'	10	10	10	3.376	4.2	10	2.03 No	2.03	Unintentional Islanding
SLP321	386	'101927078_/6057050'	9.8	10	10	3.376	10	10	2 No	2	Unintentional Islanding
SLP321	387	'6057052_/101927088'	9.8	10	10	3.376	10	10	2 No	2	Unintentional Islanding
SLP321	388	'45379732_/6055777'	3.33	3.33	3.33	1.128	0.8	3.33	0.68 No	0.68	Unintentional Islanding
SLP321	389	'6054403_/43836335'	3.33	3.33	3.33	1.128	1.3	3.33	0.68 No	0.68	Unintentional Islanding
SLP321	390	'6052611_/6052800'	3.33	3.33	3.33	1.128	1.3	3.33	0.67 No	0.67	Unintentional Islanding
SLP321	391	'6052342_/6053183'	3.3	3.33	3.33	1.128	1.3	3.33	0.67 No	0.67	Unintentional Islanding
SLP321	392	'6056257_/43835525'	3.33	3.33	3.33	1.128	0.8	3.33	0.68 No	0.68	Unintentional Islanding
SLP321	393	'6057211_/6057209'	9.6	10	10	3.376	10	10	2 No	2	Unintentional Islanding
SLP321	394	'5993905_/7104713'	6.6	6.67	6.67	2.248	2.7	6.67	1.36 No	1.36	Unintentional Islanding
SLP321	395	'6055660_/6055657'	3.3	3.33	3.33	1.128	0.8	3.33	0.68 No	0.68	Unintentional Islanding
SLP321	396	'43835407_/6050895'	9.9	10	10	3.376	4.2	10	2.03 No	2.03	Unintentional Islanding
SLP321	397	'6051266_/6051263'	9.8	10	10	3.376	4	10	2.03 No	2.03	Unintentional Islanding
SLP321	398	'6055606_/6055709_3'	3.3	3.33	3.33	1.128	0.8	3.33	0.68 No	0.68	Unintentional Islanding
SLP321	399	'43836197_/43836199_1'	3.27	3.33	3.33	1.128	1.3	3.33	0.67 No	0.67	Unintentional Islanding
SLP321	400	'6055737_/6055735'	3.3	3.33	3.33	1.128	0.8	3.33	0.68 No	0.68	Unintentional Islanding
SLP321	401	'6057228_/6057226'	9.5	10	10	3.376	10	10	2 No	2	Unintentional Islanding
SLP321	402	'6057931_/6057979'	2.4	6.8	10	3.376	4.2	10	2.13 No	2.13	Unintentional Islanding
SLP321	403	'6052341_/6052339'	3.23	3.33	3.33	1.128	1.3	3.33	0.67 No	0.67	Unintentional Islanding
SLP321	404	'6052984_/6053112'	3.23	3.33	3.33	1.128	1.3	3.33	0.67 No	0.67	Unintentional Islanding
SLP321	405	'6057373_/6057371'	9.4	10	10	3.376	10	10	1.99 No	1.99	Unintentional Islanding
SLP321	406	'6054254_/43836301'	3.33	3.33	3.33	1.128	1.1	3.33	0.68 No	0.68	Unintentional Islanding
SLP321	407	'5993906_/5993903'	6.4	6.67	6.67	2.248	2.7	6.67	1.36 No	1.36	Unintentional Islanding
SLP321	408	'6056270_/6056267'	3.2	3.33	3.33	1.128	0.8	3.33	0.68 No	0.68	Unintentional Islanding
SLP321	409	'6055593_/6055603'	3.2	3.33	3.33	1.128	0.8	3.33	0.68 No	0.68	Unintentional Islanding
SLP321	410	'420660517_/8688678'	9.8	10	10	3.376	4.8	10	2.01 No	2.01	Unintentional Islanding
SLP321	411	'6058874_/6058872'	9.3	10	10	3.376	10	10	1.99 No	1.99	Unintentional Islanding
SLP321	412	'598126213_/6058926'	9.3	10	10	3.376	10	10	1.99 No	1.99	Unintentional Islanding
SLP321	413	'598126342_/598126346'	9.3	10	10	3.376	10	10	1.99 No	1.99	Unintentional Islanding
SLP321	414	'43838811_/6055437'	3.17	3.33	3.33	1.128	1.3	3.33	0.67 No	0.67	Unintentional Islanding
SLP321	415	'6054448_/43836323'	6.4	6.67	6.67	2.248	2.7	6.67	1.36 No	1.36	Unintentional Islanding
SLP321	416	'8064553_/9321774_3'	9.7	10	10	3.376	4.8	10	2 No	2	Unintentional Islanding
SLP321	417	'6058411_/6058425'	9.2	10	10	3.376	10	10	1.99 No	1.99	Unintentional Islanding
SLP321	418	'6050864_/6050878'	9.5	10	10	3.376	4.2	10	2.02 No	2.02	Unintentional Islanding
SLP321	419	'43838844_/6055670'	3.17	3.33	3.33	1.128	0.8	3.33	0.68 No	0.68	Unintentional Islanding
SLP321	420	'6054267_/6054264'	3.33	3.33	3.33	1.128	1.1	3.33	0.68 No	0.68	Unintentional Islanding
SLP321	421	'43838661_/6058094'	2.5	6.8	10	3.376	4.2	10	2.12 No	2.12	Unintentional Islanding
SLP321	422	'6058377_/6058408'	9.1	10	10	3.376	10	10	1.99 No	1.99	Unintentional Islanding
SLP321	423	'6058360_/6058374'	9.1	10	10	3.376	10	10	1.99 No	1.99	Unintentional Islanding
SLP321	424	'6058117_/6058391'	9	10	10	3.376	10	10	1.99 No	1.99	Unintentional Islanding
SLP321	425	'43838833_/6055590'	3.1	3.33	3.33	1.128	0.8	3.33	0.68 No	0.68	Unintentional Islanding
SLP321	426	'6054322_/6054319'	3.33	3.33	3.33	1.128	1.1	3.33	0.68 No	0.68	Unintentional Islanding

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
											VSR (MW)	Limiting Threshold
SLP321	427	'5993921_/_5993918'		6.2	6.67	6.67	2.248	2.7	6.67	1.35 No	1.35	Unintentional Islanding
SLP321	428	'395777037_/_395777039'		9	10	10	3.376	10	10	1.99 No	1.99	Unintentional Islanding
SLP321	429	'6057476_/_6058114'		9	10	10	3.376	10	10	1.99 No	1.99	Unintentional Islanding
SLP321	430	'6052971_/_6052968'		3.07	3.33	3.33	1.128	1.3	3.33	0.67 No	0.67	Unintentional Islanding
SLP321	431	'624988605_/_5993977_1'		3.1	3.33	3.33	1.128	0.8	3.33	0.68 No	0.68	Unintentional Islanding
SLP321	432	'6055453_/_43838813'		3.07	3.33	3.33	1.128	1.3	3.33	0.67 No	0.67	Unintentional Islanding
SLP321	433	'6052999_/_6053125'		3.07	3.33	3.33	1.128	1.3	3.33	0.67 No	0.67	Unintentional Islanding
SLP321	434	'624988615_/_5993977_2'		3.1	3.33	3.33	1.128	0.8	3.33	0.68 No	0.68	Unintentional Islanding
SLP321	435	'604215240_/_599999848_2'		9	10	10	3.376	10	10	1.99 No	1.99	Unintentional Islanding
SLP321	436	'49934660_/_599999760_2'		9	10	10	3.376	10	10	1.99 No	1.99	Unintentional Islanding
SLP321	437	'5994019_/_5994016'		3.1	3.33	3.33	1.128	0.8	3.33	0.68 No	0.68	Unintentional Islanding
SLP321	438	'6057475_/_6057473'		8.9	10	10	3.376	10	10	1.98 No	1.98	Unintentional Islanding
SLP321	439	'430549569_/_6052997_1'		3.07	3.33	3.33	1.128	0.8	3.33	0.67 No	0.67	Unintentional Islanding
SLP321	440	'6055686_/_43838846'		3.07	3.33	3.33	1.128	0.8	3.33	0.68 No	0.68	Unintentional Islanding
SLP321	441	'6058361_/_6058358'		9.1	10	10	3.376	10	10	1.99 No	1.99	Unintentional Islanding
SLP321	442	'599999844_/_599999848_1'		9	10	10	3.376	3.8	10	1.99 No	1.99	Unintentional Islanding
SLP321	443	'7739918_/_7739915_2'		9.1	10	10	3.376	10	10	1.99 No	1.99	Unintentional Islanding
SLP321	444	'6054283_/_6054280'		3.27	3.33	3.33	1.128	1.1	3.33	0.68 No	0.68	Unintentional Islanding
SLP321	445	'6057442_/_6057439'		2.5	6.7	10	3.376	4.2	10	2.21 No	2.21	Unintentional Islanding
SLP321	446	'599999897_/_599999928'		9	10	10	3.376	3.8	10	1.99 No	1.99	Unintentional Islanding
SLP321	447	'599999756_/_599999760_1'		9	10	10	3.376	3.8	10	1.98 No	1.98	Unintentional Islanding
SLP321	448	'6050847_/_6050861'		9.1	10	10	3.376	4.2	10	2.02 No	2.02	Unintentional Islanding
SLP321	449	'50788207_/_50788204'		8.8	10	10	3.376	10	10	1.98 No	1.98	Unintentional Islanding
SLP321	450	'599999789_/_599999831'		9	10	10	3.376	3.8	10	1.98 No	1.98	Unintentional Islanding
SLP321	451	'7739900_/_9321794'		9.3	10	10	3.376	4.8	10	2.01 No	2.01	Unintentional Islanding
SLP321	452	'508359232_/_50788167'		8.8	10	10	3.376	10	10	1.98 No	1.98	Unintentional Islanding
SLP321	453	'31373031_/_50788130'		8.7	10	10	3.376	10	10	1.98 No	1.98	Unintentional Islanding
SLP321	454	'5993967_/_5993977_3'		3.1	3.33	3.33	1.128	0.8	3.33	0.68 No	0.68	Unintentional Islanding
SLP321	455	'54688851_/_54688858_2'		9	10	10	3.376	3.8	10	2 No	2	Unintentional Islanding
SLP321	456	'7739917_/_7739915_1'		8.9	10	10	3.376	4.9	10	1.99 No	1.99	Unintentional Islanding
SLP321	457	'6055699_/_6055696'		3	3.33	3.33	1.128	0.8	3.33	0.68 No	0.68	Unintentional Islanding
SLP321	458	'5994032_/_5994029'		3.1	3.33	3.33	1.128	0.8	3.33	0.68 No	0.68	Unintentional Islanding
SLP321	459	'6053000_/_6052997_2'		2.97	3.33	3.33	1.128	0.8	3.33	0.67 No	0.67	Unintentional Islanding
SLP321	460	'6055539_/_6055577'		3	3.33	3.33	1.128	0.8	3.33	0.68 No	0.68	Unintentional Islanding
SLP321	461	'50788055_/_50788052'		8.7	10	10	3.376	10	10	1.98 No	1.98	Unintentional Islanding
SLP321	462	'6058821_/_7156314'		8.7	10	10	3.376	10	10	1.98 No	1.98	Unintentional Islanding
SLP321	463	'624988029_/_6058818_1'		8.6	10	10	3.376	10	10	1.98 No	1.98	Unintentional Islanding
SLP321	464	'603948734_/_6058818_2'		8.6	10	10	3.376	10	10	1.98 No	1.98	Unintentional Islanding
SLP321	465	'70286872_/_6053282'		2.97	3.33	3.33	1.128	1.3	3.33	0.67 No	0.67	Unintentional Islanding
SLP321	466	'6050635_/_6050844'		8.9	10	10	3.376	4.2	10	2.02 No	2.02	Unintentional Islanding
SLP321	467	'603948718_/_603948732'		8.6	10	10	3.376	10	10	1.97 No	1.97	Unintentional Islanding
SLP321	468	'6054338_/_6054335'		3.17	3.33	3.33	1.128	1.1	3.33	0.68 No	0.68	Unintentional Islanding
SLP321	469	'6058837_/_603948716'		8.6	10	10	3.376	10	10	1.97 No	1.97	Unintentional Islanding
SLP321	470	'8064554_/_8064551'		9.1	10	10	3.376	4.8	10	2 No	2	Unintentional Islanding
SLP321	471	'604215308_/_6053367_1'		2.97	3.33	3.33	1.128	0.8	3.33	0.67 No	0.67	Unintentional Islanding
SLP321	472	'624989107_/_6050815_1'		2.97	3.33	3.33	1.128	0.5	3.33	0.67 No	0.5	Element Fault
SLP321	473	'6058704_/_7156224'		8.6	10	10	3.376	10	10	1.97 No	1.97	Unintentional Islanding
SLP321	474	'5993615_/_5993936'		5.87	6.67	6.67	2.248	2.7	6.67	1.35 No	1.35	Unintentional Islanding
SLP321	475	'157089552_/_7156207'		8.6	10	10	3.376	10	10	1.97 No	1.97	Unintentional Islanding
SLP321	476	'8380057_/_8380054'		9	10	10	3.376	4.8	10	2 No	2	Unintentional Islanding
SLP321	477	'585050440_/_585050437'		8.6	10	10	3.376	10	10	1.97 No	1.97	Unintentional Islanding
SLP321	478	'43836310_/_6054293'		3.17	3.33	3.33	1.128	1.1	3.33	0.67 No	0.67	Unintentional Islanding
SLP321	479	'585050728_/_157089554'		8.5	10	10	3.376	10	10	1.97 No	1.97	Unintentional Islanding
SLP321	480	'624989148_/_6050815_2'		2.93	3.33	3.33	1.128	0.5	3.33	0.67 No	0.5	Element Fault
SLP321	481	'585050494_/_585050457_2'		8.6	10	10	3.376	10	10	1.97 No	1.97	Unintentional Islanding
SLP321	482	'604215318_/_6053367_2'		2.9	3.33	3.33	1.128	0.8	3.33	0.67 No	0.67	Unintentional Islanding
SLP321	483	'6054464_/_6054461'		5.87	6.67	6.67	2.248	2.7	6.67	1.35 No	1.35	Unintentional Islanding
SLP321	484	'5993954_/_5993964'		3	3.33	3.33	1.128	0.8	3.33	0.68 No	0.68	Unintentional Islanding
SLP321	485	'6057425_/_6058651'		8.5	10	10	3.376	10	10	1.97 No	1.97	Unintentional Islanding
SLP321	486	'585050591_/_585050766'		8.5	10	10	3.376	10	10	1.97 No	1.97	Unintentional Islanding
SLP321	487	'6053250_/_6053367_3'		2.9	3.33	3.33	1.128	0.8	3.33	0.67 No	0.67	Unintentional Islanding
SLP321	488	'6053013_/_6053010'		2.9	3.33	3.33	1.128	0.8	3.33	0.67 No	0.67	Unintentional Islanding
SLP321	489	'9321737_/_9321734'		8.6	10	10	3.376	3.8	10	1.98 No	1.98	Unintentional Islanding
SLP321	490	'6057408_/_6057422'		8.4	10	10	3.376	10	10	1.97 No	1.97	Unintentional Islanding
SLP321	491	'5994045_/_5994042'		2.97	3.33	3.33	1.128	0.8	3.33	0.67 No	0.67	Unintentional Islanding
SLP321	492	'43836219_/_43836221'		2.87	3.33	3.33	1.128	0.8	3.33	0.67 No	0.67	Unintentional Islanding
SLP321	493	'6050805_/_6050815_3'		2.9	3.33	3.33	1.128	0.5	3.33	0.67 No	0.5	Element Fault
SLP321	494	'6053298_/_6053295'		2.87	3.33	3.33	1.128	1.3	3.33	0.67 No	0.67	Unintentional Islanding
SLP321	495	'6055526_/_6055536'		2.87	3.33	3.33	1.128	0.8	3.33	0.67 No	0.67	Unintentional Islanding
SLP321	496	'6057391_/_6057405'		8.4	10	10	3.376	10	10	1.97 No	1.97	Unintentional Islanding
SLP321	497	'6050652_/_6050649'		8.6	10	10	3.376	4.2	10	2.02 No	2.02	Unintentional Islanding
SLP321	498	'6057390_/_6057388'		8.4	10	10	3.376	10	10	1.97 No	1.97	Unintentional Islanding
SLP321	499	'122428105_/_6059051'		8.4	10	10	3.376	10	10	1.96 No	1.96	Unintentional Islanding
SLP321	500	'7739899_/_7739897'		5.87	6.67	6.67	2.248	3.2	6.67	1.34 No	1.34	Unintentional Islanding
SLP321	501	'125697459_/_122428215_1'		8.3	10	10	3.376	10	10	1.96 No	1.96	Unintentional Islanding
SLP321	502	'604215204_/_60583324'		2.5	6.8	10	3.376	4.2	10	2.1 No	2.1	Unintentional Islanding
SLP321	503	'5993616_/_5993613'		5.67	6.67	6.67	2.248	2.7	6.67	1.35 No	1.35	Unintentional Islanding
SLP321	504	'43836208_/_6053023'		2.83	3.33	3.33	1.128	0.8	3.33	0.67 No	0.67	Unintentional Islanding
SLP321	505	'8993330_/_8993327'		8.7	10	10	3.376	4.8	10	2 No	2	Unintentional Islanding
SLP321	506	'6058310_/_6058307'		2.6	6.8	10	3.376	4.2	10	2.09 No	2.09	Unintentional Islanding
SLP321	507	'6051692_/_6050632'		8.5	10	10	3.376	4.2	10	2.02 No	2.02	Unintentional Islanding
SLP321	508	'5993760_/_5993783_1'		2.83	3.33	3.33	1.128	0.8	3.33	0.67 No	0.67	Unintentional Islanding
SLP321	509	'6050792_/_6050802'		2.83	3.33	3.33	1.128	0.5	3.33	0.67 No	0.5	Element Fault
SLP321	510	'569824921_/_569824847_2'		8.5	10	10	3.376	4.2	10	2.01 No	2.01	Unintentional Islanding
SLP321	511	'6054309_/_43836312'		3.03	3.33	3.33	1.128	1.1	3.33	0.67 No	0.67	Unintentional Islanding
SLP321	512	'603949029_/_6053380'		2.8	3.33	3.33	1.128	0.8	3.33	0.67 No	0.67	Unintentional Islanding
SLP321	513	'43826762_/_43826764'		2.9	3.33	3.33	1.128	0.8	3.33	0.67 No	0.67	Unintentional Islanding
SLP321	514	'5993747_/_5993783_2'		2.83	3.33	3.33	1.128	0.8	3.33	0.67 No	0.67	Unintentional Islanding
SLP321	515	'6055513_/_6055523'		2.8	3.33	3.33	1.128	0.8	3.33	0.67 No	0.67	Unintentional Islanding
SLP321	516	'6053357_/_6053308'		2.8	3.33	3.33	1.128	1.3	3.33	0.67 No	0.67	Unintentional Islanding
SLP321	517	'569824766_/_569824847_1'		8.4	10	10	3.376	1.4	10	2.01 No	1.4	Element Fault
SLP321	518	'420661451_/_6054529'		3	3.33	3.33	1.128	1.1	3.33	0.67 No	0.67	Unintentional Islanding
SLP321	519	'5993631_/_5993628'		5.53	6.67	6.67	2.248	2.7	6.67	1.35 No	1.35	Unintentional Islanding
SLP321	520	'77047243_/_9001585'		8.5	10</							

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SLP321	521	'352202565_/346846659'	2.97	3.33	3.33	1.128	1.1	3.33	0.67 No	0.67	Unintentional Islanding
SLP321	522	'5993786_/5993783_3'	2.83	3.33	3.33	1.128	0.8	3.33	0.67 No	0.67	Unintentional Islanding
SLP321	523	'585050342_/585050457_1'	8.1	10	10	3.376	4	10	1.97 No	1.97	Unintentional Islanding
SLP321	524	'6055512_/6055510'	2.77	3.33	3.33	1.128	0.8	3.33	0.67 No	0.67	Unintentional Islanding
SLP321	525	'43835396_/43835398'	2.73	3.33	3.33	1.128	0.5	3.33	0.67 No	0.5	Element Fault
SLP321	526	'6050669_/6050666'	8.3	10	10	3.376	4.2	10	2.01 No	2.01	Unintentional Islanding
SLP321	527	'352202595_/346846718_2'	2.93	3.33	3.33	1.128	1.1	3.33	0.67 No	0.67	Unintentional Islanding
SLP321	528	'467119175_/6059385_2'	2.77	3.33	3.33	1.128	1.4	3.33	0.67 No	0.67	Unintentional Islanding
SLP321	529	'6053039_/43836210'	2.73	3.33	3.33	1.128	0.8	3.33	0.67 No	0.67	Unintentional Islanding
SLP321	530	'6051659_/6051689'	8.2	10	10	3.376	4.2	10	2.01 No	2.01	Unintentional Islanding
SLP321	531	'604215526_/6050971_1'	2.77	3.33	3.33	1.128	0.5	3.33	0.67 No	0.5	Element Fault
SLP321	532	'5994110_/5994263'	2.8	3.33	3.33	1.128	0.8	3.33	0.67 No	0.67	Unintentional Islanding
SLP321	533	'43836230_/6053248'	2.7	3.33	3.33	1.128	0.8	3.33	0.67 No	0.67	Unintentional Islanding
SLP321	534	'5993734_/5993744'	2.8	3.33	3.33	1.128	0.8	3.33	0.67 No	0.67	Unintentional Islanding
SLP321	535	'5993646_/5993643'	5.4	6.67	6.67	2.248	2.7	6.67	1.35 No	1.35	Unintentional Islanding
SLP321	536	'43838855_/6055722'	2.7	3.33	3.33	1.128	0.8	3.33	0.67 No	0.67	Unintentional Islanding
SLP321	537	'7739957_/7739955'	8	10	10	3.376	4	10	1.97 No	1.97	Unintentional Islanding
SLP321	538	'43835442_/6050971_2'	2.77	3.33	3.33	1.128	0.5	3.33	0.67 No	0.5	Element Fault
SLP321	539	'8688417_/569824824'	8.1	10	10	3.376	1.4	10	2.01 No	1.4	Element Fault
SLP321	540	'6050589_/6051656'	8.1	10	10	3.376	4.2	10	2.01 No	2.01	Unintentional Islanding
SLP321	541	'6053154_/6053151'	2.67	3.33	3.33	1.128	0.8	3.33	0.67 No	0.67	Unintentional Islanding
SLP321	542	'8064514_/9001685'	8	10	10	3.376	3.8	10	1.98 No	1.98	Unintentional Islanding
SLP321	543	'8064513_/9321754'	8	10	10	3.376	3.8	10	1.98 No	1.98	Unintentional Islanding
SLP321	544	'6050766_/6050776'	2.7	3.33	3.33	1.128	0.5	3.33	0.67 No	0.5	Element Fault
SLP321	545	'43826795_/5993796'	2.77	3.33	3.33	1.128	0.8	3.33	0.67 No	0.67	Unintentional Islanding
SLP321	546	'6056015_/6055549'	2.67	3.33	3.33	1.128	0.8	3.33	0.67 No	0.67	Unintentional Islanding
SLP321	547	'563632443_/8064511_1'	7.9	10	10	3.376	3.8	10	1.98 No	1.98	Unintentional Islanding
SLP321	548	'6059375_/6059385_1'	2.77	3.33	3.33	1.128	0.5	3.33	0.67 No	0.5	Element Fault
SLP321	549	'6050686_/6050683'	8	10	10	3.376	4.2	10	2.01 No	2.01	Unintentional Islanding
SLP321	550	'5994097_/5994107'	2.73	3.33	3.33	1.128	0.8	3.33	0.67 No	0.67	Unintentional Islanding
SLP321	551	'6050572_/6050586'	7.9	10	10	3.376	4.2	10	2.01 No	2.01	Unintentional Islanding
SLP321	552	'5993661_/5993658'	5.27	6.67	6.67	2.248	2.7	6.67	1.34 No	1.34	Unintentional Islanding
SLP321	553	'6053141_/6053167'	2.63	3.33	3.33	1.128	0.8	3.33	0.67 No	0.67	Unintentional Islanding
SLP321	554	'122428130_/122428215_2'	7.7	10	10	3.376	10	10	1.96 No	1.96	Unintentional Islanding
SLP321	555	'122428144_/122428141'	7.7	10	10	3.376	3.8	10	1.96 No	1.96	Unintentional Islanding
SLP321	556	'122428151_/122428148'	7.7	10	10	3.376	4.3	10	1.96 No	1.96	Unintentional Islanding
SLP321	557	'122428137_/122428134'	7.7	10	10	3.376	10	10	1.96 No	1.96	Unintentional Islanding
SLP321	558	'122428131_/122428127'	7.7	10	10	3.376	10	10	1.96 No	1.96	Unintentional Islanding
SLP321	559	'43826773_/43826775'	2.7	3.33	3.33	1.128	0.8	3.33	0.67 No	0.67	Unintentional Islanding
SLP321	560	'5993841_/5993877_1'	2.63	3.33	3.33	1.128	0.8	3.33	0.67 No	0.67	Unintentional Islanding
SLP321	561	'6054351_/6054348'	2.83	3.33	3.33	1.128	1.1	3.33	0.67 No	0.67	Unintentional Islanding
SLP321	562	'346846699_/346846718_1'	2.8	3.33	3.33	1.128	0.4	3.33	0.67 No	0.4	Element Fault
SLP321	563	'5993854_/5993877_2'	2.63	3.33	3.33	1.128	0.8	3.33	0.67 No	0.67	Unintentional Islanding
SLP321	564	'6050753_/6050763'	2.6	3.33	3.33	1.128	0.5	3.33	0.67 No	0.5	Element Fault
SLP321	565	'6056004_/6056012'	2.6	3.33	3.33	1.128	0.8	3.33	0.67 No	0.67	Unintentional Islanding
SLP321	566	'43835431_/43835433'	2.77	3.33	3.33	1.128	0.5	3.33	0.67 No	0.5	Element Fault
SLP321	567	'43835453_/6050984'	2.77	3.33	3.33	1.128	0.5	3.33	0.67 No	0.5	Element Fault
SLP321	568	'5994279_/43826797'	2.67	3.33	3.33	1.128	0.8	3.33	0.67 No	0.67	Unintentional Islanding
SLP321	569	'5994084_/5994094'	2.67	3.33	3.33	1.128	0.8	3.33	0.67 No	0.67	Unintentional Islanding
SLP321	570	'9321717_/9321714'	7.7	10	10	3.376	4.9	10	1.97 No	1.97	Unintentional Islanding
SLP321	571	'43835370_/6050569'	7.7	10	10	3.376	4.2	10	2.01 No	2.01	Unintentional Islanding
SLP321	572	'7739837_/9001605'	7.5	10	10	3.376	4	10	1.96 No	1.96	Unintentional Islanding
SLP321	573	'5993880_/5993877_3'	2.63	3.33	3.33	1.128	0.8	3.33	0.67 No	0.67	Unintentional Islanding
SLP321	574	'5993720_/5993718'	2.63	3.33	3.33	1.128	0.8	3.33	0.67 No	0.67	Unintentional Islanding
SLP321	575	'44886214_/6053049'	2.53	3.33	3.33	1.128	0.8	3.33	0.67 No	0.67	Unintentional Islanding
SLP321	576	'6050720_/6050700'	7.7	10	10	3.376	4.2	10	2.01 No	2.01	Unintentional Islanding
SLP321	577	'6050752_/6050750'	2.57	3.33	3.33	1.128	0.5	3.33	0.67 No	0.5	Element Fault
SLP321	578	'6051058_/6051055_2'	2.57	3.33	3.33	1.128	1.4	3.33	0.67 No	0.67	Unintentional Islanding
SLP321	579	'5993825_/5993864'	2.63	3.33	3.33	1.128	0.8	3.33	0.67 No	0.67	Unintentional Islanding
SLP321	580	'39667280_/9062967'	7.8	10	10	3.376	4.8	10	1.99 No	1.99	Unintentional Islanding
SLP321	581	'5993691_/5993673'	5.07	6.67	6.67	2.248	2.7	6.67	1.34 No	1.34	Unintentional Islanding
SLP321	582	'565175447_/6051402_1'	7.7	10	10	3.376	4.2	10	2.01 No	2.01	Unintentional Islanding
SLP321	583	'7739838_/7739835'	7.4	10	10	3.376	4	10	1.96 No	1.96	Unintentional Islanding
SLP321	584	'54559979_/6051402_2'	7.6	10	10	3.376	4	10	2.01 No	2.01	Unintentional Islanding
SLP321	585	'5994292_/5994289'	2.6	3.33	3.33	1.128	0.8	3.33	0.67 No	0.67	Unintentional Islanding
SLP321	586	'348129785_/348129804'	2.7	3.33	3.33	1.128	0.4	3.33	0.67 No	0.4	Element Fault
SLP321	587	'604214760_/5993890'	2.6	3.33	3.33	1.128	0.8	3.33	0.67 No	0.67	Unintentional Islanding
SLP321	588	'5994162_/5994172'	2.6	3.33	3.33	1.128	0.8	3.33	0.67 No	0.67	Unintentional Islanding
SLP321	589	'6054515_/6054513'	2.73	3.33	3.33	1.128	1.1	3.33	0.67 No	0.67	Unintentional Islanding
SLP321	590	'7429518_/122429889'	7.4	10	10	3.376	4.3	10	1.95 No	1.95	Unintentional Islanding
SLP321	591	'5994083_/5994081'	2.6	3.33	3.33	1.128	0.8	3.33	0.67 No	0.67	Unintentional Islanding
SLP321	592	'43835420_/6050942'	2.7	3.33	3.33	1.128	0.5	3.33	0.67 No	0.5	Element Fault
SLP321	593	'6055988_/6056001'	2.5	3.33	3.33	1.128	0.8	3.33	0.67 No	0.67	Unintentional Islanding
SLP321	594	'8688529_/9631451'	7.3	10	10	3.376	4	10	1.96 No	1.96	Unintentional Islanding
SLP321	595	'122428240_/122428249'	7.3	10	10	3.376	10	10	1.95 No	1.95	Unintentional Islanding
SLP321	596	'6050554_/6050552'	7.5	10	10	3.376	4.2	10	2 No	2	Unintentional Islanding
SLP321	597	'6051042_/6051055_1'	2.57	3.33	3.33	1.128	0.5	3.33	0.67 No	0.5	Element Fault
SLP321	598	'6051012_/6051010'	2.73	3.33	3.33	1.128	0.5	3.33	0.67 No	0.5	Element Fault
SLP321	599	'6054364_/6054361'	2.7	3.33	3.33	1.128	1.1	3.33	0.67 No	0.67	Unintentional Islanding
SLP321	600	'604214732_/5993703'	4.93	6.67	6.67	2.248	2.7	6.67	1.34 No	1.34	Unintentional Islanding
SLP321	601	'43836366_/43836368'	2.43	3.33	3.33	1.128	0.8	3.33	0.66 No	0.66	Unintentional Islanding
SLP321	602	'8379848_/8379846_1'	2.67	3.33	3.33	1.128	0.6	3.33	0.67 No	0.6	Element Fault
SLP321	603	'6051104_/6051101'	4.93	6.67	6.67	2.248	2.8	6.67	1.34 No	1.34	Unintentional Islanding
SLP321	604	'8688304_/44094349'	7.5	10	10	3.376	4.8	10	1.99 No	1.99	Unintentional Islanding
SLP321	605	'43826851_/43826853'	2.53	3.33	3.33	1.128	0.8	3.33	0.67 No	0.67	Unintentional Islanding
SLP321	606	'43835419_/6050929'	2.6	3.33	3.33	1.128	0.5	3.33	0.67 No	0.5	Element Fault
SLP321	607	'122428274_/122428283'	7	10	10	3.376	10	10	1.94 No	1.94	Unintentional Islanding
SLP321	608	'6055102_/6055100'	7.3	10	10	3.376	4.2	10	2 No	2	Unintentional Islanding
SLP321	609	'7739597_/8688302'	7.5	10	10	3.376	4.8	10	1.98 No	1.98	Unintentional Islanding
SLP321	610	'8688528_/8688526'	7.1	10	10	3.376	4	10	1.96 No	1.96	Unintentional Islanding
SLP321	611	'7739938_/9631611'	7.2	10	10	3.376	4.9	10	1.97 No	1.97	Unintentional Islanding
SLP321	612	'6051025_/6051023'	2.63	3.33	3.33	1.128	0.5	3.33	0.67 No	0.5	Element Fault
SLP321	613	'6051041_/6051039'	2.57	3.33	3.33	1.128	0.5	3.33	0.67 No	0.5	Element Fault
SLP321	614	'6055975_/6055985'	2.4	3.33	3.33	1.128	0.8	3.33	0.67 No	0.67	Unintentional Islanding

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
				Deviation						VSR (MW)	Limiting Threshold
SLP321	615	'6055334_/_6055332'		7.2	10	10	3.376	4.2	10	2 No	2 Unintentional Islanding
SLP321	616	'6054377_/_6054374'		2.6	3.33	3.33	1.128	1.1	3.33	0.67 No	0.67 Unintentional Islanding
SLP321	617	'5994136_/_5994146'		2.47	3.33	3.33	1.128	0.8	3.33	0.67 No	0.67 Unintentional Islanding
SLP321	618	'5993812_/_5993822'		2.43	3.33	3.33	1.128	0.8	3.33	0.67 No	0.67 Unintentional Islanding
SLP321	619	'122428342_/_122428427'		6.9	10	10	3.376	10	10	1.94 No	1.94 Unintentional Islanding
SLP321	620	'122428356_/_122428353'		6.9	10	10	3.376	6	10	1.94 No	1.94 Unintentional Islanding
SLP321	621	'122428363_/_122428360'		6.9	10	10	3.376	6.1	10	1.94 No	1.94 Unintentional Islanding
SLP321	622	'122428349_/_122428346'		6.9	10	10	3.376	10	10	1.94 No	1.94 Unintentional Islanding
SLP321	623	'122428343_/_122428339'		6.9	10	10	3.376	10	10	1.94 No	1.94 Unintentional Islanding
SLP321	624	'77047302_/_77047324'		7.3	10	10	3.376	4.8	10	1.99 No	1.99 Unintentional Islanding
SLP321	625	'43835475_/_6059281'		4.73	6.67	6.67	2.248	2.8	6.67	1.33 No	1.33 Unintentional Islanding
SLP321	626	'7148079_/_7148077'		2.57	3.33	3.33	1.128	0.5	3.33	0.67 No	0.5 Element Fault
SLP321	627	'6057544_/_6057555_2'		2.4	3.33	3.33	1.128	1.9	3.33	0.62 No	0.62 Unintentional Islanding
SLP321	628	'122428446_/_122428455'		6.8	10	10	3.376	10	10	1.94 No	1.94 Unintentional Islanding
SLP321	629	'125695843_/_125695952'		6.8	10	10	3.376	6.1	10	1.94 No	1.94 Unintentional Islanding
SLP321	630	'7431473_/_125696117'		6.8	10	10	3.376	6	10	1.94 No	1.94 Unintentional Islanding
SLP321	631	'130169947_/_130170032'		6.8	10	10	3.376	6	10	1.94 No	1.94 Unintentional Islanding
SLP321	632	'130169954_/_130169951'		2.6	7.4	10	3.376	5.1	10	1.94 No	1.94 Unintentional Islanding
SLP321	633	'5994123_/_5994133'		2.4	3.33	3.33	1.128	0.8	3.33	0.67 No	0.67 Unintentional Islanding
SLP321	634	'130169948_/_130169944'		6.8	10	10	3.376	6	10	1.94 No	1.94 Unintentional Islanding
SLP321	635	'6057519_/_6057555_1'		2.37	3.33	3.33	1.128	1.9	3.33	0.62 No	0.62 Unintentional Islanding
SLP321	636	'7429519_/_7429516'		6.8	10	10	3.376	4.3	10	1.94 No	1.94 Unintentional Islanding
SLP321	637	'6053454_/_6053464'		2.3	3.33	3.33	1.128	0.8	3.33	0.66 No	0.66 Unintentional Islanding
SLP321	638	'7739598_/_7739595'		7.1	10	10	3.376	4.8	10	1.98 No	1.98 Unintentional Islanding
SLP321	639	'7429582_/_7429580_1'		2.3	3.33	3.33	1.128	0.8	3.33	0.66 No	0.66 Unintentional Islanding
SLP321	640	'6059304_/_6059301'		4.6	6.67	6.67	2.248	2.8	6.67	1.33 No	1.33 Unintentional Islanding
SLP321	641	'6058071_/_6058068_2'		2.3	3.33	3.33	1.128	1.9	3.33	0.62 No	0.62 Unintentional Islanding
SLP321	642	'122428480_/_122428489'		6.6	10	10	3.376	10	10	1.94 No	1.94 Unintentional Islanding
SLP321	643	'6057505_/_6058055_2'		2.5	3.33	3.33	1.128	1.9	3.33	0.62 No	0.62 Unintentional Islanding
SLP321	644	'8379985_/_8379982'		2.7	3.33	3.33	1.128	1.6	3.33	0.64 No	0.64 Unintentional Islanding
SLP321	645	'8993290_/_8993287'		6.6	10	10	3.376	4	10	1.95 No	1.95 Unintentional Islanding
SLP321	646	'5994122_/_5994120'		2.33	3.33	3.33	1.128	0.8	3.33	0.66 No	0.66 Unintentional Islanding
SLP321	647	'6058016_/_6058068_1'		2.3	3.33	3.33	1.128	1.9	3.33	0.62 No	0.62 Unintentional Islanding
SLP321	648	'6059321_/_6059318'		4.53	6.67	6.67	2.248	2.8	6.67	1.33 No	1.33 Unintentional Islanding
SLP321	649	'6053453_/_6053451'		2.23	3.33	3.33	1.128	0.8	3.33	0.66 No	0.66 Unintentional Islanding
SLP321	650	'6058032_/_6058055_1'		2.5	3.33	3.33	1.128	1.9	3.33	0.62 No	0.62 Unintentional Islanding
SLP321	651	'604215156_/_7739739_1'		2.23	3.33	3.33	1.128	0.8	3.33	0.66 No	0.66 Unintentional Islanding
SLP321	652	'5993811_/_5993809'		2.3	3.33	3.33	1.128	0.8	3.33	0.67 No	0.67 Unintentional Islanding
SLP321	653	'43835600_/_6055972'		2.2	3.33	3.33	1.128	0.8	3.33	0.66 No	0.66 Unintentional Islanding
SLP321	654	'7429583_/_7429580_2'		2.2	3.33	3.33	1.128	0.8	3.33	0.66 No	0.66 Unintentional Islanding
SLP321	655	'8379849_/_8379846_2'		2.4	3.33	3.33	1.128	0.6	3.33	0.67 No	0.6 Element Fault
SLP321	656	'7739634_/_9321434'		6.6	10	10	3.376	4.8	10	1.97 No	1.97 Unintentional Islanding
SLP321	657	'5994240_/_5994250'		2.2	3.33	3.33	1.128	0.8	3.33	0.67 No	0.67 Unintentional Islanding
SLP321	658	'6053428_/_6053477'		2.13	3.33	3.33	1.128	0.8	3.33	0.66 No	0.66 Unintentional Islanding
SLP321	659	'7739741_/_7739739_2'		2.1	3.33	3.33	1.128	0.8	3.33	0.66 No	0.66 Unintentional Islanding
SLP321	660	'8993310_/_8993307'		6.1	10	10	3.376	4	10	1.94 No	1.94 Unintentional Islanding
SLP321	661	'6053440_/_6053438'		2.07	3.33	3.33	1.128	0.8	3.33	0.66 No	0.66 Unintentional Islanding
SLP321	662	'77047352_/_77047391'		6.4	10	10	3.376	4.8	10	1.97 No	1.97 Unintentional Islanding
SLP321	663	'6052816_/_6053425'		2.03	3.33	3.33	1.128	0.8	3.33	0.66 No	0.66 Unintentional Islanding
SLP321	664	'7429498_/_9321634'		6	10	10	3.376	4	10	1.94 No	1.94 Unintentional Islanding
SLP321	665	'6056816_/_43838938'		2.03	3.33	3.33	1.128	0.8	3.33	0.66 No	0.66 Unintentional Islanding
SLP321	666	'77047250_/_77047357'		6.3	10	10	3.376	4.8	10	1.97 No	1.97 Unintentional Islanding
SLP321	667	'43826862_/_5994237'		2.07	3.33	3.33	1.128	0.8	3.33	0.66 No	0.66 Unintentional Islanding
SLP321	668	'6052732_/_6052813'		2	3.33	3.33	1.128	0.8	3.33	0.66 No	0.66 Unintentional Islanding
SLP321	669	'9000992_/_77047416'		6.2	10	10	3.376	4.8	10	1.97 No	1.97 Unintentional Islanding
SLP321	670	'9001532_/_9001529'		5.8	10	10	3.376	4.3	10	1.93 No	1.93 Unintentional Islanding
SLP321	671	'150198003_/_9631491'		5.8	10	10	3.376	4.3	10	1.93 No	1.93 Unintentional Islanding
SLP321	672	'150198011_/_1450303111'		5.7	10	10	3.376	4.3	10	1.93 No	1.93 Unintentional Islanding
SLP321	673	'6052719_/_6052729'		1.93	3.33	3.33	1.128	0.8	3.33	0.65 No	0.65 Unintentional Islanding
SLP321	674	'8064453_/_145030293'		5.7	10	10	3.376	4.3	10	1.93 No	1.93 Unintentional Islanding
SLP321	675	'7429499_/_7429496'		5.6	10	10	3.376	4	10	1.94 No	1.94 Unintentional Islanding
SLP321	676	'6052706_/_6052716'		1.87	3.33	3.33	1.128	0.8	3.33	0.65 No	0.65 Unintentional Islanding
SLP321	677	'7429538_/_7429536'		5.5	10	10	3.376	4	10	1.93 No	1.93 Unintentional Islanding
SLP321	678	'8064454_/_8064451'		5.4	10	10	3.376	4.3	10	1.92 No	1.92 Unintentional Islanding
SLP321	679	'5994214_/_5994224'		1.9	3.33	3.33	1.128	0.8	3.33	0.66 No	0.66 Unintentional Islanding
SLP321	680	'6052705_/_438361311'		1.83	3.33	3.33	1.128	0.8	3.33	0.65 No	0.65 Unintentional Islanding
SLP321	681	'5994201_/_5994211'		1.8	3.33	3.33	1.128	0.8	3.33	0.66 No	0.66 Unintentional Islanding
SLP321	682	'7739857_/_8379942'		5.1	10	10	3.376	4.3	10	1.91 No	1.91 Unintentional Islanding
SLP321	683	'130169961_/_130169958'		1.7	3.33	3.33	1.128	2	3.33	0.6 No	0.6 Unintentional Islanding
SLP321	684	'130169968_/_130169965'		1.7	3.33	3.33	1.128	2	3.33	0.6 No	0.6 Unintentional Islanding
SLP321	685	'7739858_/_7739855'		5	10	10	3.376	4.3	10	1.91 No	1.91 Unintentional Islanding
SLP321	686	'43826873_/_5994198'		1.7	3.33	3.33	1.128	0.8	3.33	0.66 No	0.66 Unintentional Islanding
SLP321	687	'124239906_/_124239917'		1.67	3.33	3.33	1.128	2	3.33	0.6 No	0.6 Unintentional Islanding
SLP321	688	'124239939_/_124239971'		1.63	3.33	3.33	1.128	2	3.33	0.6 No	0.6 Unintentional Islanding
SLP321	689	'8379924_/_9631511_1'		4.8	10	10	3.376	4	10	1.91 No	1.91 Unintentional Islanding
SLP321	690	'8411924_/_124239944'		1.57	3.33	3.33	1.128	2	3.33	0.6 No	0.6 Unintentional Islanding
SLP321	691	'5994071_/_5994185'		1.63	3.33	3.33	1.128	0.8	3.33	0.66 No	0.66 Unintentional Islanding
SLP321	692	'124239861_/_124239865'		1.53	3.33	3.33	1.128	2	3.33	0.6 No	0.6 Unintentional Islanding
SLP321	693	'43826751_/_5994068'		1.57	3.33	3.33	1.128	0.8	3.33	0.65 No	0.65 Unintentional Islanding
SLP321	694	'7743222_/_8411922'		1.47	3.33	3.33	1.128	2	3.33	0.6 No	0.6 Unintentional Islanding
SLP321	695	'7743221_/_7743219'		1.47	3.33	3.33	1.128	2	3.33	0.6 No	0.6 Unintentional Islanding
SLP321	696	'43826750_/_5993600'		1.47	3.33	3.33	1.128	0.8	3.33	0.65 No	0.65 Unintentional Islanding
SLP321	697	'6058097_/_43838663'		2.6	7.3	10	3.376	4.2	10	1.85 No	1.85 Unintentional Islanding
SLP321	698	'8381471_/_9633255_2'		1.4	3.33	3.33	1.128	2	3.33	0.59 No	0.59 Unintentional Islanding
SLP321	699	'6067071_/_9633255_1'		1.37	3.33	3.33	1.128	1.3	3.33	0.59 No	0.59 Unintentional Islanding
SLP321	700	'6067084_/_6067081'		1.37	3.33	3.33	1.128	1.3	3.33	0.59 No	0.59 Unintentional Islanding
SLP321	701	'6067097_/_6067094'		1.37	3.33	3.33	1.128	1.3	3.33	0.59 No	0.59 Unintentional Islanding
SLP321	702	'124239821_/_124239825'		1.37	3.33	3.33	1.128	2	3.33	0.59 No	0.59 Unintentional Islanding
SLP321	703	'43839285_/_6067068'		1.33	3.33	3.33	1.128	1.3	3.33	0.59 No	0.59 Unintentional Islanding
SLP321	704	'6067113_/_6067110'		1.33	3.33	3.33	1.128	1.3	3.33	0.59 No	0.59 Unintentional Islanding
SLP321	705	'8689079_/_8689076_2'		1.27	3.33	3.33	1.128	0.8	3.33	0.59 No	0.59 Unintentional Islanding
SLP321	706	'6060348_/_6067055'		1.27	3.33	3.33	1.128	1.3	3.33	0.59 No	0.59 Unintentional Islanding
SLP321	707	'6060335_/_6060345'		1.27	3.33	3.33	1.128	1.3	3.33	0.59 No	0.59 Unintentional Islanding
SLP321	708	'8689078_/_8689076_1'		1.27	3.33	3.33	1.128	0.8	3.33	0.59 No	0.59 Unintentional Islanding

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SLP321	709	'6060319_/_6060332'	1.27	3.33	3.33	1.128	1.3	3.33	0.59 No	0.59	Unintentional Islanding
SLP321	710	'124241140_/_124239806'	1.23	3.33	3.33	1.128	2	3.33	0.59 No	0.59	Unintentional Islanding
SLP321	711	'6060318_/_6060316'	1.2	3.33	3.33	1.128	1.3	3.33	0.59 No	0.59	Unintentional Islanding
SLP321	712	'8689095_/_8689092'	1.2	3.33	3.33	1.128	0.8	3.33	0.59 No	0.59	Unintentional Islanding
SLP321	713	'9006332_/_9006329'	1.17	3.33	3.33	1.128	0.8	3.33	0.59 No	0.59	Unintentional Islanding
SLP321	714	'9322479_/_9322476'	1.1	3.33	3.33	1.128	0.8	3.33	0.58 No	0.58	Unintentional Islanding
SLP321	715	'7740293_/_9631971'	1.07	3.33	3.33	1.128	0.8	3.33	0.58 No	0.58	Unintentional Islanding
SLP321	716	'124239688_/_124239724'	1	3.13	3.33	1.128	2	3.33	0.58 No	0.58	Unintentional Islanding
SLP321	717	'7740294_/_7740291'	1	3.13	3.33	1.128	0.8	3.33	0.58 No	0.58	Unintentional Islanding
SLP321	718	'433038626_/_413568124'	0.97	3	3.33	1.128	2	3.33	0.58 No	0.58	Unintentional Islanding
SLP321	719	'433038595_/_433038167'	0.97	3	3.33	1.128	2	3.33	0.58 No	0.58	Unintentional Islanding
SLP321	720	'433038568_/_433038174'	0.97	3	3.33	1.128	2	3.33	0.58 No	0.58	Unintentional Islanding
SLP321	721	'124239654_/_124239699'	0.93	2.87	3.33	1.128	2	3.33	0.57 No	0.57	Unintentional Islanding
SLP321	722	'6035921_/_124239665_1'	0.9	2.8	3.33	1.128	2	3.33	0.57 No	0.57	Unintentional Islanding
SLP321	723	'124240987_/_124239665_2'	0.9	2.8	3.33	1.128	2	3.33	0.57 No	0.57	Unintentional Islanding
SLP321	724	'124241018_/_6035919_1'	0.9	2.8	3.33	1.128	1.2	3.33	0.57 No	0.57	Unintentional Islanding
SLP321	725	'124240945_/_124239552_2'	0.9	2.77	3.33	1.128	2	3.33	0.57 No	0.57	Unintentional Islanding
SLP321	726	'6035885_/_6035919_2'	0.9	2.77	3.33	1.128	1.2	3.33	0.57 No	0.57	Unintentional Islanding
SLP321	727	'6035886_/_6035883'	0.87	2.73	3.33	1.128	1.2	3.33	0.57 No	0.57	Unintentional Islanding
SLP321	728	'7431492_/_125695851_2'	2.6	8.6	10	3.376	5.1	10	1.61 No	1.61	Unintentional Islanding
SLP321	729	'6068489_/_125695851_1'	2.6	8.6	10	3.376	5.1	10	1.61 No	1.61	Unintentional Islanding
SLP321	730	'124239530_/_124239552_1'	0.87	2.67	3.33	1.128	2	3.33	0.57 No	0.57	Unintentional Islanding
SLP321	731	'130169887_/_130169891'	2.6	8.5	10	3.376	5.1	10	1.61 No	1.61	Unintentional Islanding
SLP321	732	'150100894_/_130170055_2'	2.6	8.4	10	3.376	5.1	10	1.61 No	1.61	Unintentional Islanding
SLP321	733	'6067461_/_6067458'	2.6	8.4	10	3.376	5.1	10	1.6 No	1.6	Unintentional Islanding
SLP321	734	'124240890_/_124239539_2'	0.87	2.63	3.33	1.128	2	3.33	0.57 No	0.57	Unintentional Islanding
SLP321	735	'43838088_/_124239539_1'	0.87	2.63	3.33	1.128	2	3.33	0.57 No	0.57	Unintentional Islanding
SLP321	736	'124240905_/_6049268_2'	0.83	2.63	3.33	1.128	2	3.33	0.57 No	0.57	Unintentional Islanding
SLP321	737	'124240862_/_124239519_3'	0.83	2.6	3.33	1.128	2	3.33	0.57 No	0.57	Unintentional Islanding
SLP321	738	'5999062_/_6049268_1'	0.83	2.6	3.33	1.128	1.3	3.33	0.57 No	0.57	Unintentional Islanding
SLP321	739	'6063505_/_6067475'	2.6	8.2	10	3.376	5.1	10	1.59 No	1.59	Unintentional Islanding
SLP321	740	'43838098_/_5999059'	0.83	2.6	3.33	1.128	1.3	3.33	0.57 No	0.57	Unintentional Islanding
SLP321	741	'5999072_/_5999070'	0.83	2.57	3.33	1.128	1.3	3.33	0.57 No	0.57	Unintentional Islanding
SLP321	742	'124240783_/_124239519_2'	0.83	2.57	3.33	1.128	2	3.33	0.57 No	0.57	Unintentional Islanding
SLP321	743	'6031519_/_124239519_1'	0.83	2.57	3.33	1.128	2	3.33	0.57 No	0.57	Unintentional Islanding
SLP321	744	'124240816_/_6031517_1'	0.83	2.57	3.33	1.128	1.3	3.33	0.57 No	0.57	Unintentional Islanding
SLP321	745	'603948796_/_6068469'	2.5	8.1	10	3.376	5.1	10	1.59 No	1.59	Unintentional Islanding
SLP321	746	'7738624_/_9320312_1'	0.83	2.57	3.33	1.128	0.5	3.33	0.57 No	0.5	Element Fault
SLP321	747	'5999084_/_5999120'	0.83	2.53	3.33	1.128	1.3	3.33	0.57 No	0.57	Unintentional Islanding
SLP321	748	'604215704_/_6057542_1'	0.87	2.9	3.33	1.128	1.4	3.33	0.53 No	0.53	Unintentional Islanding
SLP321	749	'124240744_/_124239510_3'	0.83	2.53	3.33	1.128	2	3.33	0.57 No	0.57	Unintentional Islanding
SLP321	750	'43838068_/_6031517_2'	0.83	2.53	3.33	1.128	1.3	3.33	0.57 No	0.57	Unintentional Islanding
SLP321	751	'604215718_/_6057503_1'	0.93	2.87	3.33	1.128	1.4	3.33	0.53 No	0.53	Unintentional Islanding
SLP321	752	'6057458_/_6057503_2'	0.93	2.87	3.33	1.128	1.4	3.33	0.53 No	0.53	Unintentional Islanding
SLP321	753	'604215732_/_6058081_1'	0.87	2.87	3.33	1.128	1.4	3.33	0.53 No	0.53	Unintentional Islanding
SLP321	754	'5999083_/_5999081'	0.8	2.53	3.33	1.128	1.3	3.33	0.56 No	0.56	Unintentional Islanding
SLP321	755	'590540263_/_603948794'	2.5	8	10	3.376	5.1	10	1.58 No	1.58	Unintentional Islanding
SLP321	756	'6057441_/_6057456'	0.83	2.87	3.33	1.128	1.4	3.29	0.53 No	0.53	Unintentional Islanding
SLP321	757	'8993033_/_9320312_2'	0.8	2.5	3.33	1.128	0.5	3.33	0.56 No	0.5	Element Fault
SLP321	758	'667421668_/_667421672'	0.83	2.83	3.33	1.128	1.4	3.29	0.53 No	0.53	Unintentional Islanding
SLP321	759	'6057982_/_6057996'	0.83	2.83	3.33	1.128	1.4	3.29	0.53 No	0.53	Unintentional Islanding
SLP321	760	'667421649_/_667421623'	0.83	2.83	3.33	1.128	1.4	3.29	0.53 No	0.53	Unintentional Islanding
SLP321	761	'6030739_/_43838070'	0.8	2.5	3.33	1.128	1.3	3.33	0.56 No	0.56	Unintentional Islanding
SLP321	762	'5999097_/_5999095'	0.8	2.47	3.33	1.128	1.3	3.33	0.56 No	0.56	Unintentional Islanding
SLP321	763	'124240668_/_124239510_2'	0.8	2.47	3.33	1.128	2	3.33	0.56 No	0.56	Unintentional Islanding
SLP321	764	'6030740_/_6030737'	0.8	2.47	3.33	1.128	1.3	3.33	0.56 No	0.56	Unintentional Islanding
SLP321	765	'6031486_/_124239510_1'	0.8	2.47	3.33	1.128	2	3.33	0.56 No	0.56	Unintentional Islanding
SLP321	766	'124240699_/_6031484_1'	0.8	2.47	3.33	1.128	1.2	3.33	0.56 No	0.56	Unintentional Islanding
SLP321	767	'124240633_/_124239569_2'	0.8	2.43	3.33	1.128	2	3.33	0.56 No	0.56	Unintentional Islanding
SLP321	768	'5999109_/_5999106'	0.8	2.43	3.33	1.128	1.3	3.33	0.56 No	0.56	Unintentional Islanding
SLP321	769	'8993034_/_8993031'	0.8	2.43	3.33	1.128	0.5	3.33	0.56 No	0.5	Element Fault
SLP321	770	'43838058_/_6031484_2'	0.8	2.43	3.33	1.128	1.2	3.33	0.56 No	0.56	Unintentional Islanding
SLP321	771	'6030751_/_6030748'	0.8	2.43	3.33	1.128	1.3	3.33	0.56 No	0.56	Unintentional Islanding
SLP321	772	'6031542_/_6031539'	0.77	2.43	3.33	1.128	1.3	3.33	0.56 No	0.56	Unintentional Islanding
SLP321	773	'124239563_/_124239569_1'	0.77	2.4	3.33	1.128	2	3.33	0.56 No	0.56	Unintentional Islanding
SLP321	774	'6030725_/_6031495'	0.77	2.4	3.33	1.128	1.2	3.33	0.56 No	0.56	Unintentional Islanding
SLP321	775	'6030726_/_6030723'	0.77	2.4	3.33	1.128	1.2	3.33	0.56 No	0.56	Unintentional Islanding
SLP321	776	'124239458_/_124239490'	0.77	2.4	3.33	1.128	2	3.33	0.56 No	0.56	Unintentional Islanding
SLP321	777	'124239337_/_124239469'	0.77	2.37	3.33	1.128	2	3.33	0.56 No	0.56	Unintentional Islanding
SLP321	778	'6031509_/_6031506'	0.77	2.37	3.33	1.128	1.2	3.33	0.56 No	0.56	Unintentional Islanding
SLP321	779	'590540335_/_590540287'	2.3	7.4	10	3.376	5.1	9.73	1.58 No	1.58	Unintentional Islanding
SLP321	780	'590540354_/_590540341'	2.3	7.3	10	3.376	5.1	9.68	1.58 No	1.58	Unintentional Islanding
SLP321	781	'7478621_/_7478618_2'	0.9	2.5	3.33	1.128	1.7	3.08	0.53 No	0.53	Unintentional Islanding
SLP321	782	'679348645_/_679348706'	2.3	7.1	10	3.376	5.1	9.47	1.58 No	1.58	Unintentional Islanding
SLP321	783	'125697182_/_125696048_1'	2.2	7.4	10	3.376	3.7	9.25	1.58 No	1.58	Unintentional Islanding
SLP321	784	'44396254_/_6063502'	0.87	2.37	3.33	1.128	1.6	2.94	0.53 No	0.53	Unintentional Islanding
SLP321	785	'8065515_/_9684866_1'	0.87	2.37	3.33	1.128	0.5	2.93	0.53 No	0.5	Element Fault
SLP321	786	'404866995_/_37922676'	2.1	6.7	10	3.376	5.1	9.08	1.58 No	1.58	Unintentional Islanding
SLP321	787	'37922693_/_37922690'	2.1	6.7	10	3.376	5.1	9.06	1.58 No	1.58	Unintentional Islanding
SLP321	788	'37922721_/_37922718'	2.1	6.7	10	3.376	3.6	9.06	1.58 No	1.58	Unintentional Islanding
SLP321	789	'37922700_/_37922697'	2.1	6.7	10	3.376	3.6	9.06	1.58 No	1.58	Unintentional Islanding
SLP321	790	'37922672_/_679348651'	2.1	6.7	10	3.376	5.1	9.05	1.58 No	1.58	Unintentional Islanding
SLP321	791	'7743853_/_8066351'	2.1	6.5	10	3.376	3.6	8.83	1.58 No	1.58	Unintentional Islanding
SLP321	792	'7478620_/_7478618_1'	0.87	2.2	3.33	1.128	0.5	2.84	0.53 No	0.5	Element Fault
SLP321	793	'7743344_/_7743341'	2	5.3	10	3.376	3.6	8.58	1.58 No	1.58	Unintentional Islanding
SLP321	794	'8066069_/_564229411'	2	5.3	10	3.376	3.6	8.56	1.58 No	1.58	Unintentional Islanding
SLP321	795	'345101076_/_8064199'	0.83	2.1	3.33	1.128	0.5	2.76	0.53 No	0.5	Element Fault
SLP321	796	'581562818_/_581562751'	2	6.1	10	3.376	3.6	8.49	1.58 No	1.58	Unintentional Islanding
SLP321	797	'8064186_/_9684866_2'	0.83	2.1	3.33	1.128	0.5	2.72	0.53 No	0.5	Element Fault
SLP321	798	'581562824_/_581562717'	1.9	6	10	3.376	3.6	8.4	1.58 No	1.58	Unintentional Islanding
SLP321	799	'8066070_/_8066067'	1.9	5.3	10	3.376	3.6	8.3	1.58 No	1.58	Unintentional Islanding
SLP321	800	'8064202_/_345101097'	0.8	2	3.33	1.128	0.5	2.68	0.53 No	0.5	Element Fault
SLP321	801	'8064185_/_8064183'	0.8	1.93	3.33	1.128	0.5	2.59	0.53 No	0.5	Element Fault
SLP321	802	'8379411_/_8379408'	0.77	1.87	3.33	1.128	0.5	2.55	0.53 No	0.5	Element Fault

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SLP321	803	'9069381_/_9294363'	1.8	5.3	10	3.376	3.6	7.81	1.58 No	1.58	Unintentional Islanding
SLP321	804	'7743854_/_7743851'	0.7	1.87	3.33	1.128	1.2	2.47	0.53 No	0.53	Unintentional Islanding
SLP321	805	'7743383_/_9323382'	0.7	1.83	3.33	1.128	1.2	2.44	0.53 No	0.53	Unintentional Islanding
SLP321	806	'7429051_/_9631141'	0.73	1.8	3.33	1.128	0.5	2.46	0.53 No	0.5	Element Fault
SLP321	807	'7743343_/_7743381'	0.57	1.8	3.33	1.128	1.2	2.43	0.53 No	0.53	Unintentional Islanding
SLP321	808	'581562597_/_581562628'	1.7	5.3	10	3.376	3.6	7.59	1.58 No	1.58	Unintentional Islanding
SLP321	809	'154141211_/_154141216'	1.7	5.3	10	3.376	3.6	7.53	1.58 No	1.58	Unintentional Islanding
SLP321	810	'494588394_/_494588416'	0.7	1.77	3.33	1.128	0.5	2.41	0.53 No	0.5	Element Fault
SLP321	811	'9294385_/_9323398'	1.7	5.1	10	3.376	3.6	7.42	1.58 No	1.58	Unintentional Islanding
SLP321	812	'53151267_/_53151242'	0.7	1.73	3.33	1.128	0.5	2.41	0.53 No	0.5	Element Fault
SLP321	813	'7429050_/_7429048'	0.7	1.7	3.33	1.128	0.5	2.34	0.53 No	0.5	Element Fault
SLP321	814	'8371615_/_9294383'	1.6	4.9	10	3.376	3.6	7.14	1.58 No	1.58	Unintentional Islanding
SLP321	815	'154141262_/_154141298'	1.6	4.9	10	3.376	3.6	7.08	1.58 No	1.58	Unintentional Islanding
SLP321	816	'9001079_/_9001093'	0.67	1.6	3.33	1.128	0.5	2.27	0.53 No	0.5	Element Fault
SLP321	817	'8371614_/_8371612'	1.5	4.7	10	3.376	3.6	6.92	1.58 No	1.5	Primary Over-Voltage
SLP321	818	'7739278_/_9001109'	0.63	1.57	3.33	1.128	0.5	2.2	0.53 No	0.5	Element Fault
SLP321	819	'154141188_/_154141280'	1.5	4.6	10	3.376	3.6	6.69	1.58 No	1.5	Primary Over-Voltage
SLP321	820	'9001080_/_9001077_1'	0.6	1.43	3.33	1.128	0.5	2.17	0.53 No	0.5	Element Fault
SLP321	821	'7739277_/_7739275'	0.6	1.47	3.33	1.128	0.5	2.08	0.53 No	0.5	Element Fault
SLP321	822	'8065997_/_627024094'	1.4	4.3	10	3.376	3.6	6.38	1.58 No	1.4	Primary Over-Voltage
SLP321	823	'8066018_/_513724340'	1.3	3.9	10	3.376	3.6	5.97	1.58 No	1.3	Primary Over-Voltage
SLP321	824	'8690542_/_513724316'	1.1	3.4	10	3.376	3.6	5.28	1.58 No	1.1	Primary Over-Voltage
SLP321	825	'580845287_/_580845284'	1.6	3.5	10	3.376	4	4.82	1.58 No	1.58	Unintentional Islanding
SLP321	826	'580845558_/_54560007_2'	1.6	3.5	10	3.376	4	4.81	1.58 No	1.58	Unintentional Islanding
SLP321	827	'54560000_/_54560007_1'	1.6	3.4	10	3.376	0.9	4.74	1.58 No	0.9	Element Fault
SLP321	828	'54560033_/_54560040'	1.5	3.3	10	3.376	0.9	4.66	1.58 No	0.9	Element Fault
SLP321	829	'8747522_/_8747520'	1.1	3.3	10	3.376	3.6	5.04	1.58 No	1.1	Primary Over-Voltage
SLP321	830	'54560094_/_54560071'	1.5	3.3	10	3.376	0.9	4.64	1.58 No	0.9	Element Fault
SLP321	831	'8119508_/_8119506'	1.1	3.2	10	3.376	3.6	5.01	1.58 No	1.1	Primary Over-Voltage
SLP321	832	'8377029_/_8377026'	1	3.1	10	3.376	3.6	4.86	1.58 No	1	Primary Over-Voltage
SLP321	833	'8379797_/_9001453'	1.4	3	10	3.376	0.9	4.32	1.58 No	0.9	Element Fault
SLP321	834	'8379796_/_8379794'	1.3	2.8	10	3.376	0.9	4.18	1.58 No	0.9	Element Fault
SLP321	835	'4889987_/_4890091_2'	0.33	1.03	3.33	1.128	0.3	1.2	0.53 No	0.3	Element Fault
SLP321	836	'4889832_/_4890091_1'	0.33	1	3.33	1.128	0.2	1.2	0.53 No	0.2	Element Fault
SLP321	837	'4889831_/_4889829'	0.33	1	3.33	1.128	0.2	1.19	0.53 No	0.2	Element Fault
SLP321	838	'43599018_/_4889842'	0.33	0.97	3.33	1.128	0.2	1.17	0.53 No	0.2	Element Fault
SLP321	839	'4889455_/_4889886'	0.33	0.97	3.33	1.128	0.2	1.16	0.53 No	0.2	Element Fault
SLP321	840	'70284304_/_53855786_2'	0.33	0.93	3.33	1.128	0.2	1.16	0.53 No	0.2	Element Fault
SLP321	841	'7355013_/_53855786_1'	0.33	0.93	3.33	1.128	0.2	1.15	0.53 No	0.2	Element Fault
SLP321	842	'4889788_/_43599020'	0.3	0.93	3.33	1.128	0.2	1.14	0.53 No	0.2	Element Fault
SLP321	843	'43594385_/_4889453'	0.3	0.9	3.33	1.128	0.2	1.13	0.53 No	0.2	Element Fault
SLP321	844	'4889789_/_4889786'	0.3	0.9	3.33	1.128	0.2	1.12	0.53 No	0.2	Element Fault
SLP321	845	'7355012_/_53855838'	0.3	0.9	3.33	1.128	0.2	1.12	0.53 No	0.2	Element Fault
SLP321	846	'4889802_/_4889799'	0.3	0.87	3.33	1.128	0.2	1.1	0.53 No	0.2	Element Fault
SLP321	847	'4889426_/_43594387'	0.3	0.87	3.33	1.128	0.2	1.1	0.53 No	0.2	Element Fault
SLP321	848	'7991726_/_7991724_1'	0.3	0.87	3.33	1.128	0.2	1.1	0.53 No	0.2	Element Fault
SLP321	849	'436230902_/_7991724_2'	0.3	0.87	3.33	1.128	0.2	1.1	0.53 No	0.2	Element Fault
SLP321	850	'454278511_/_436230926'	0.3	0.87	3.33	1.128	0.2	1.09	0.53 No	0.2	Element Fault
SLP321	851	'4890228_/_4890225'	0.3	0.87	3.33	1.128	0.2	1.08	0.53 No	0.2	Element Fault
SLP321	852	'7991727_/_454278538'	0.3	0.83	3.33	1.128	0.2	1.08	0.53 No	0.2	Element Fault
SLP321	853	'7355029_/_53855904_1'	0.3	0.83	3.33	1.128	0.2	1.08	0.53 No	0.2	Element Fault
SLP321	854	'4889441_/_4889438'	0.3	0.83	3.33	1.128	0.2	1.08	0.53 No	0.2	Element Fault
SLP321	855	'8306904_/_9250841_2'	0.3	0.83	3.33	1.128	0.2	1.08	0.53 No	0.2	Element Fault
SLP321	856	'8615738_/_9250841_1'	0.3	0.83	3.33	1.128	0.2	1.07	0.53 No	0.2	Element Fault
SLP321	857	'4890241_/_4890238'	0.3	0.83	3.33	1.128	0.2	1.07	0.53 No	0.2	Element Fault
SLP321	858	'7354996_/_53855904_2'	0.3	0.8	3.33	1.128	0.2	1.05	0.53 No	0.2	Element Fault
SLP321	859	'8306920_/_8615736_1'	0.27	0.8	3.33	1.128	0.2	1.05	0.53 No	0.2	Element Fault
SLP321	860	'7354997_/_53855881'	0.27	0.8	3.33	1.128	0.2	1.03	0.53 No	0.2	Element Fault
SLP321	861	'7672149_/_8933589_1'	0.27	0.73	3.33	1.128	0.2	1	0.53 No	0.2	Element Fault
SLP321	862	'604215451_/_50787888_1'	0.7	1.9	10	3.376	4	2.46	1.58 No	0.7	Primary Over-Voltage
SLP321	863	'4889500_/_50787888_2'	0.7	1.8	10	3.376	4	2.45	1.58 No	0.7	Primary Over-Voltage
SLP321	864	'49933784_/_8933625_2'	0.7	1.8	10	3.376	4	2.43	1.58 No	0.7	Primary Over-Voltage
SLP321	865	'4889499_/_4889497'	0.23	0.6	3.33	1.128	1.33	0.8	0.53 No	0.23	Primary Over-Voltage
SLP321	866	'7355044_/_546749649'	0.7	1.8	10	3.376	4	2.4	1.58 No	0.7	Primary Over-Voltage
SLP321	867	'8933627_/_8933625_1'	0.7	1.8	10	3.376	4	2.4	1.58 No	0.7	Primary Over-Voltage
SLP322	0	'SLP322_/_44064991'	10	10	10	4.792	10	10	1.62 No	1.62	Unintentional Islanding
SLP322	1	'44064989_/_44064991'	10	10	10	4.792	10	10	1.62 No	1.62	Unintentional Islanding
SLP322	2	'7152461_/_7152459'	10	10	10	4.792	10	10	1.61 No	1.61	Unintentional Islanding
SLP322	3	'443542422_/_409424790'	10	10	10	4.792	10	10	1.61 No	1.61	Unintentional Islanding
SLP322	4	'7152516_/_104543524'	10	10	10	4.792	10	10	1.61 No	1.61	Unintentional Islanding
SLP322	5	'44064939_/_7152527'	10	10	10	4.792	10	10	1.61 No	1.61	Unintentional Islanding
SLP322	6	'443542427_/_443542424'	10	10	10	4.792	10	10	1.61 No	1.61	Unintentional Islanding
SLP322	7	'105269612_/_88127833_2'	10	10	10	4.792	10	10	1.61 No	1.61	Unintentional Islanding
SLP322	8	'44064949_/_44064951'	10	10	10	4.792	10	10	1.61 No	1.61	Unintentional Islanding
SLP322	9	'44064959_/_44064961'	10	10	10	4.792	10	10	1.61 No	1.61	Unintentional Islanding
SLP322	10	'44064969_/_44064971'	10	10	10	4.792	10	10	1.61 No	1.61	Unintentional Islanding
SLP322	11	'7152440_/_7152513'	10	10	10	4.792	10	10	1.61 No	1.61	Unintentional Islanding
SLP322	12	'622721432_/_7152437_2'	10	10	10	4.792	10	10	1.61 No	1.61	Unintentional Islanding
SLP322	13	'7152429_/_7152437_1'	10	10	10	4.792	10	10	1.61 No	1.61	Unintentional Islanding
SLP322	14	'49458495_/_49458492'	10	10	10	4.792	10	10	1.61 No	1.61	Unintentional Islanding
SLP322	15	'44064979_/_7152448'	10	10	10	4.792	10	10	1.61 No	1.61	Unintentional Islanding
SLP322	16	'44064984_/_7152426'	10	10	10	4.792	10	10	1.61 No	1.61	Unintentional Islanding
SLP322	17	'5960536_/_603723404'	10	10	10	4.792	10	10	1.6 No	1.6	Unintentional Islanding
SLP322	18	'5960468_/_5960533'	10	10	10	4.792	10	10	1.6 No	1.6	Unintentional Islanding
SLP322	19	'5960380_/_5960465'	10	10	10	4.792	10	10	1.6 No	1.6	Unintentional Islanding
SLP322	20	'88127822_/_88127833_1'	10	10	10	4.792	3.9	10	1.61 No	1.61	Unintentional Islanding
SLP322	21	'5958661_/_5960377'	10	10	10	4.792	10	10	1.6 No	1.6	Unintentional Islanding
SLP322	22	'5958660_/_5958658'	10	10	10	4.792	10	10	1.6 No	1.6	Unintentional Islanding
SLP322	23	'5958806_/_5959013'	10	10	10	4.792	10	10	1.6 No	1.6	Unintentional Islanding
SLP322	24	'5958805_/_5958803'	10	10	10	4.792	10	10	1.6 No	1.6	Unintentional Islanding
SLP322	25	'5958942_/_5958976'	10	10	10	4.792	10	10	1.6 No	1.6	Unintentional Islanding
SLP322	26	'5958925_/_5958939'	10	10	10	4.792	10	10	1.6 No	1.6	Unintentional Islanding
SLP322	27	'5958908_/_5958922'	10	10	10	4.792	10	10	1.6 No	1.6	Unintentional Islanding
SLP322	28	'603723376_/_5958905'	10	10	10	4.792	10	10	1.6 No	1.6	Unintentional Islanding

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SLP322	29	'5958891_/_603723374'	10	10	10	4.792	10	10	1.59 No	1.59	Unintentional Islanding
SLP322	30	'5958890_/_5958888'	10	10	10	4.792	10	10	1.59 No	1.59	Unintentional Islanding
SLP322	31	'5959049_/_5959047'	10	10	10	4.792	10	10	1.59 No	1.59	Unintentional Islanding
SLP322	32	'5959138_/_5959152'	10	10	10	4.792	10	10	1.59 No	1.59	Unintentional Islanding
SLP322	33	'5959121_/_5959135'	10	10	10	4.792	10	10	1.59 No	1.59	Unintentional Islanding
SLP322	34	'5959120_/_5959118'	10	10	10	4.792	10	10	1.59 No	1.59	Unintentional Islanding
SLP322	35	'5959209_/_5959223'	10	10	10	4.792	10	10	1.59 No	1.59	Unintentional Islanding
SLP322	36	'5959208_/_5959206'	10	10	10	4.792	10	10	1.59 No	1.59	Unintentional Islanding
SLP322	37	'5959259_/_5959257'	10	10	10	4.792	10	10	1.59 No	1.59	Unintentional Islanding
SLP322	38	'5959571_/_5959602'	10	10	10	4.792	10	10	1.58 No	1.58	Unintentional Islanding
SLP322	39	'5959570_/_5959568'	10	10	10	4.792	10	10	1.58 No	1.58	Unintentional Islanding
SLP322	40	'5959851_/_5959883'	10	10	10	4.792	10	10	1.58 No	1.58	Unintentional Islanding
SLP322	41	'5955170_/_5959849'	10	10	10	4.792	10	10	1.58 No	1.58	Unintentional Islanding
SLP322	42	'5959868_/_5959866'	10	10	10	4.792	10	10	1.58 No	1.58	Unintentional Islanding
SLP322	43	'5961973_/_5961987'	10	10	10	4.792	10	10	1.58 No	1.58	Unintentional Islanding
SLP322	44	'5955171_/_5955168'	10	10	10	4.792	10	10	1.58 No	1.58	Unintentional Islanding
SLP322	45	'5961972_/_5961970'	10	10	10	4.792	10	10	1.58 No	1.58	Unintentional Islanding
SLP322	46	'5955188_/_5955185'	10	10	10	4.792	10	10	1.58 No	1.58	Unintentional Islanding
SLP322	47	'5961919_/_5962021'	10	10	10	4.792	10	10	1.58 No	1.58	Unintentional Islanding
SLP322	48	'5955291_/_5955288'	10	10	10	4.792	10	10	1.58 No	1.58	Unintentional Islanding
SLP322	49	'5959794_/_5959812'	10	10	10	4.792	10	10	1.58 No	1.58	Unintentional Islanding
SLP322	50	'5954937_/_5959792'	10	10	10	4.792	10	10	1.58 No	1.58	Unintentional Islanding
SLP322	51	'5954938_/_5954935'	10	10	10	4.792	10	10	1.58 No	1.58	Unintentional Islanding
SLP322	52	'5954972_/_5954969'	10	10	10	4.792	10	10	1.58 No	1.58	Unintentional Islanding
SLP322	53	'443654252_/_5954986_1'	10	10	10	4.792	10	10	1.57 No	1.57	Unintentional Islanding
SLP322	54	'5954989_/_5954986_2'	10	10	10	4.792	10	10	1.57 No	1.57	Unintentional Islanding
SLP322	55	'443654264_/_7121015'	10	10	10	4.792	10	10	1.57 No	1.57	Unintentional Islanding
SLP322	56	'5993387_/_5993425'	10	10	10	4.792	10	10	1.57 No	1.57	Unintentional Islanding
SLP322	57	'49961899_/_8686872_2'	10	10	10	4.792	10	10	1.57 No	1.57	Unintentional Islanding
SLP322	58	'5993299_/_5993385'	10	10	10	4.792	10	10	1.57 No	1.57	Unintentional Islanding
SLP322	59	'461774534_/_5993368'	10	10	10	4.792	10	10	1.57 No	1.57	Unintentional Islanding
SLP322	60	'473389149_/_466710725_2'	10	10	10	4.792	10	10	1.57 No	1.57	Unintentional Islanding
SLP322	61	'5993279_/_5993297'	10	10	10	4.792	10	10	1.57 No	1.57	Unintentional Islanding
SLP322	62	'5993319_/_5993351'	10	10	10	4.792	10	10	1.57 No	1.57	Unintentional Islanding
SLP322	63	'9005164_/_9005221_1'	10	10	10	4.792	3.9	10	1.57 No	1.57	Unintentional Islanding
SLP322	64	'466711015_/_5993317'	10	10	10	4.792	10	10	1.57 No	1.57	Unintentional Islanding
SLP322	65	'466710704_/_466710725_1'	10	10	10	4.792	8.7	10	1.57 No	1.57	Unintentional Islanding
SLP322	66	'5993320_/_466711019'	10	10	10	4.792	10	10	1.57 No	1.57	Unintentional Islanding
SLP322	67	'465869111_/_468482138_1'	10	10	10	4.792	5.9	10	1.57 No	1.57	Unintentional Islanding
SLP322	68	'466710602_/_466710701'	10	10	10	4.792	8.7	10	1.57 No	1.57	Unintentional Islanding
SLP322	69	'466711186_/_468482138_2'	10	10	10	4.792	5.9	10	1.57 No	1.57	Unintentional Islanding
SLP322	70	'43822619_/_5993334'	10	10	10	4.792	10	10	1.57 No	1.57	Unintentional Islanding
SLP322	71	'8686874_/_8686872_1'	10	10	10	4.792	5.9	10	1.57 No	1.57	Unintentional Islanding
SLP322	72	'466710560_/_466710675'	10	10	10	4.792	8.7	10	1.57 No	1.57	Unintentional Islanding
SLP322	73	'5993448_/_5993445'	10	10	10	4.792	10	10	1.57 No	1.57	Unintentional Islanding
SLP322	74	'5993465_/_468482324'	10	10	10	4.792	10	10	1.57 No	1.57	Unintentional Islanding
SLP322	75	'9005203_/_9005201'	10	10	10	4.792	5.9	10	1.57 No	1.57	Unintentional Islanding
SLP322	76	'466710539_/_466710649'	10	10	10	4.792	8.7	10	1.57 No	1.57	Unintentional Islanding
SLP322	77	'5994358_/_5994355'	10	10	10	4.792	10	10	1.57 No	1.57	Unintentional Islanding
SLP322	78	'468482062_/_468482154'	10	10	10	4.792	5.9	10	1.57 No	1.57	Unintentional Islanding
SLP322	79	'9005224_/_9005221_2'	10	10	10	4.792	3.9	10	1.57 No	1.57	Unintentional Islanding
SLP322	80	'466711050_/_466710623_1'	10	10	10	4.792	5.9	10	1.57 No	1.57	Unintentional Islanding
SLP322	81	'5993280_/_43822660'	10	10	10	4.792	10	10	1.57 No	1.57	Unintentional Islanding
SLP322	82	'6059355_/_7104677'	10	10	10	4.792	10	10	1.56 No	1.56	Unintentional Islanding
SLP322	83	'468482080_/_468482170'	10	10	10	4.792	5.9	10	1.57 No	1.57	Unintentional Islanding
SLP322	84	'6059337_/_6059352'	10	10	10	4.792	10	10	1.56 No	1.56	Unintentional Islanding
SLP322	85	'6049411_/_6059335'	10	10	10	4.792	10	10	1.56 No	1.56	Unintentional Islanding
SLP322	86	'468482098_/_468482186'	10	10	10	4.792	5.9	10	1.57 No	1.57	Unintentional Islanding
SLP322	87	'43835801_/_6049408'	10	10	10	4.792	10	10	1.56 No	1.56	Unintentional Islanding
SLP322	88	'468482360_/_468482202_1'	10	10	10	4.792	5.9	10	1.57 No	1.57	Unintentional Islanding
SLP322	89	'6049299_/_6049313'	10	10	10	4.792	10	10	1.56 No	1.56	Unintentional Islanding
SLP322	90	'8062450_/_9319436'	10	10	10	4.792	5.9	10	1.57 No	1.57	Unintentional Islanding
SLP322	91	'6049282_/_6049296'	10	10	10	4.792	10	10	1.56 No	1.56	Unintentional Islanding
SLP322	92	'43835788_/_43835790'	10	10	10	4.792	10	10	1.56 No	1.56	Unintentional Islanding
SLP322	93	'6050436_/_6050450'	10	10	10	4.792	10	10	1.56 No	1.56	Unintentional Islanding
SLP322	94	'6050435_/_6050433'	10	10	10	4.792	10	10	1.56 No	1.56	Unintentional Islanding
SLP322	95	'43838635_/_43838637'	10	10	10	4.792	10	10	1.56 No	1.56	Unintentional Islanding
SLP322	96	'51203480_/_51203457'	10	10	10	4.792	10	10	1.56 No	1.56	Unintentional Islanding
SLP322	97	'8062430_/_8062447_1'	10	10	10	4.792	5.9	10	1.57 No	1.57	Unintentional Islanding
SLP322	98	'6050469_/_6050467'	10	10	10	4.792	10	10	1.56 No	1.56	Unintentional Islanding
SLP322	99	'9077562_/_9393754_1'	10	10	10	4.792	10	10	1.56 No	1.56	Unintentional Islanding
SLP322	100	'483076367_/_483076382_2'	3.33	3.33	3.33	1.6	0.8	3.33	0.5 No	0.5	Unintentional Islanding
SLP322	101	'418606027_/_6049428_2'	3.33	3.33	3.33	1.6	0.3	3.33	0.5 No	0.3	Element Fault
SLP322	102	'418606017_/_6049428_1'	3.33	3.33	3.33	1.6	0.3	3.33	0.5 No	0.3	Element Fault
SLP322	103	'483076398_/_483076382_1'	3.33	3.33	3.33	1.6	0.8	3.33	0.5 No	0.5	Unintentional Islanding
SLP322	104	'467217975_/_9393754_2'	10	10	10	4.792	10	10	1.54 No	1.54	Unintentional Islanding
SLP322	105	'467217872_/_467218021'	10	10	10	4.792	10	10	1.54 No	1.54	Unintentional Islanding
SLP322	106	'467217425_/_508268815'	10	10	10	4.792	10	10	1.54 No	1.54	Unintentional Islanding
SLP322	107	'467217868_/_508268809'	10	10	10	4.792	10	10	1.54 No	1.54	Unintentional Islanding
SLP322	108	'467217876_/_508268821'	10	10	10	4.792	10	10	1.54 No	1.54	Unintentional Islanding
SLP322	109	'467217880_/_508268827'	10	10	10	4.792	10	10	1.54 No	1.54	Unintentional Islanding
SLP322	110	'467218055_/_467218095'	10	10	10	4.792	10	10	1.53 No	1.53	Unintentional Islanding
SLP322	111	'467217923_/_467217952'	10	10	10	4.792	10	10	1.53 No	1.53	Unintentional Islanding
SLP322	112	'8688749_/_9321866_2'	10	10	10	4.792	10	10	1.53 No	1.53	Unintentional Islanding
SLP322	113	'6059652_/_9321866_1'	10	10	10	4.792	10	10	1.53 No	1.53	Unintentional Islanding
SLP322	114	'6059636_/_6059667'	10	10	10	4.792	10	10	1.52 No	1.52	Unintentional Islanding
SLP322	115	'6059494_/_6059633'	10	10	10	4.792	10	10	1.52 No	1.52	Unintentional Islanding
SLP322	116	'49481864_/_7740031_2'	10	10	10	4.792	10	10	1.52 No	1.52	Unintentional Islanding
SLP322	117	'6059514_/_6059650'	10	10	10	4.792	10	10	1.52 No	1.52	Unintentional Islanding
SLP322	118	'622723971_/_6059545_1'	10	10	10	4.792	3.9	10	1.52 No	1.52	Unintentional Islanding
SLP322	119	'6040173_/_6059545_2'	10	10	10	4.792	3.9	10	1.52 No	1.52	Unintentional Islanding
SLP322	120	'6039653_/_6040151'	9.8	10	10	4.792	10	10	1.52 No	1.52	Unintentional Islanding
SLP322	121	'7740034_/_7740031_1'	9.6	10	10	4.792	3.9	10	1.52 No	1.52	Unintentional Islanding
SLP322	122	'43837082_/_6040171'	9.6	10	10	4.792	3.9	10	1.52 No	1.52	Unintentional Islanding

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SLP322	123	'603940929_/_8380144_2'		9.5	10	10	4.792	10	10	1.53 No	1.53 Unintentional Islanding
SLP322	124	'6059775_/_8380144_1'		9.5	10	10	4.792	10	10	1.53 No	1.53 Unintentional Islanding
SLP322	125	'6043375_/_6059755'		9.4	10	10	4.792	10	10	1.52 No	1.52 Unintentional Islanding
SLP322	126	'6043425_/_43838949'		9.4	10	10	4.792	10	10	1.52 No	1.52 Unintentional Islanding
SLP322	127	'6048828_/_43838962'		9.4	10	10	4.792	10	10	1.52 No	1.52 Unintentional Islanding
SLP322	128	'8064690_/_8064687_2'		9.4	10	10	4.792	10	10	1.52 No	1.52 Unintentional Islanding
SLP322	129	'6048845_/_43838975'		9.4	10	10	4.792	10	10	1.52 No	1.52 Unintentional Islanding
SLP322	130	'6043409_/_6048860'		9.4	10	10	4.792	10	10	1.52 No	1.52 Unintentional Islanding
SLP322	131	'6043392_/_6043406'		9.4	10	10	4.792	10	10	1.52 No	1.52 Unintentional Islanding
SLP322	132	'6043391_/_6043389'		9.4	10	10	4.792	10	10	1.52 No	1.52 Unintentional Islanding
SLP322	133	'603939466_/_7429028_3'		9.4	10	10	4.792	10	10	1.52 No	1.52 Unintentional Islanding
SLP322	134	'7739257_/_7739255_1'		9.3	10	10	4.792	3.8	10	1.52 No	1.52 Unintentional Islanding
SLP322	135	'6043443_/_119808068'		9.3	10	10	4.792	10	10	1.52 No	1.52 Unintentional Islanding
SLP322	136	'132002511_/_6043440'		9.3	10	10	4.792	10	10	1.52 No	1.52 Unintentional Islanding
SLP322	137	'7739258_/_7739255_2'		9.2	10	10	4.792	3.8	10	1.52 No	1.52 Unintentional Islanding
SLP322	138	'7429031_/_8379388'		9.2	10	10	4.792	3.8	10	1.52 No	1.52 Unintentional Islanding
SLP322	139	'50787577_/_132002509'		9.2	10	10	4.792	10	10	1.52 No	1.52 Unintentional Islanding
SLP322	140	'622724602_/_7429028_1'		9.2	10	10	4.792	10	10	1.52 No	1.52 Unintentional Islanding
SLP322	141	'6048369_/_6048367'		9.2	10	10	4.792	10	10	1.52 No	1.52 Unintentional Islanding
SLP322	142	'51203632_/_51203634'		9.2	10	10	4.792	10	10	1.52 No	1.52 Unintentional Islanding
SLP322	143	'6055478_/_6055493'		9.1	10	10	4.792	10	10	1.52 No	1.52 Unintentional Islanding
SLP322	144	'6041979_/_6041976'		9	10	10	4.792	3.9	10	1.52 No	1.52 Unintentional Islanding
SLP322	145	'584267781_/_584267572_3'		9.1	10	10	4.792	10	10	1.52 No	1.52 Unintentional Islanding
SLP322	146	'622724688_/_6041963_1'		3	3.33	3.33	1.6	1.3	3.33	0.51 No	0.51 Unintentional Islanding
SLP322	147	'6041996_/_6041993_1'		3	3.33	3.33	1.6	1.3	3.33	0.51 No	0.51 Unintentional Islanding
SLP322	148	'530983165_/_6041993_2'		3	3.33	3.33	1.6	1.3	3.33	0.51 No	0.51 Unintentional Islanding
SLP322	149	'6059493_/_6059491'		9.1	10	10	4.792	10	10	1.51 No	1.51 Unintentional Islanding
SLP322	150	'530983184_/_6041993_3'		3	3.33	3.33	1.6	1.3	3.33	0.51 No	0.51 Unintentional Islanding
SLP322	151	'584267739_/_584267572_2'		9	10	10	4.792	10	10	1.52 No	1.52 Unintentional Islanding
SLP322	152	'51203678_/_584267572_1'		9	10	10	4.792	10	10	1.52 No	1.52 Unintentional Islanding
SLP322	153	'6041966_/_6041963_2'		3	3.33	3.33	1.6	1.3	3.33	0.51 No	0.51 Unintentional Islanding
SLP322	154	'6048258_/_6048333'		8.9	10	10	4.792	10	10	1.52 No	1.52 Unintentional Islanding
SLP322	155	'584268088_/_584267455_1'		2.97	3.33	3.33	1.6	1.2	3.33	0.51 No	0.51 Unintentional Islanding
SLP322	156	'6048242_/_6048256'		8.9	10	10	4.792	10	10	1.52 No	1.52 Unintentional Islanding
SLP322	157	'603940147_/_121791961_2'		8.9	10	10	4.792	10	10	1.52 No	1.52 Unintentional Islanding
SLP322	158	'6048225_/_6048239'		8.9	10	10	4.792	10	10	1.52 No	1.52 Unintentional Islanding
SLP322	159	'603940940_/_119808569_1'		8.9	10	10	4.792	10	10	1.52 No	1.52 Unintentional Islanding
SLP322	160	'6041913_/_6041993_4'		2.93	3.33	3.33	1.6	1.3	3.33	0.51 No	0.51 Unintentional Islanding
SLP322	161	'6042038_/_6042035'		8.6	10	10	4.792	3.9	10	1.52 No	1.52 Unintentional Islanding
SLP322	162	'8064334_/_8064331_1'		2.87	3.33	3.33	1.6	1.3	3.33	0.51 No	0.51 Unintentional Islanding
SLP322	163	'584268045_/_584267455_2'		2.87	3.33	3.33	1.6	1.2	3.33	0.51 No	0.51 Unintentional Islanding
SLP322	164	'584267941_/_584268030'		2.87	3.33	3.33	1.6	1.2	3.33	0.51 No	0.51 Unintentional Islanding
SLP322	165	'530983220_/_8064331_2'		2.87	3.33	3.33	1.6	0.8	3.33	0.51 No	0.51 Unintentional Islanding
SLP322	166	'530983263_/_43838624_1'		8.5	10	10	4.792	3	10	1.52 No	1.52 Unintentional Islanding
SLP322	167	'584267998_/_6040121_1'		2.87	3.33	3.33	1.6	0.2	3.33	0.5 No	0.2 Element Fault
SLP322	168	'6042055_/_43838624_2'		8.5	10	10	4.792	3	10	1.52 No	1.52 Unintentional Islanding
SLP322	169	'6042075_/_43838624_3'		8.5	10	10	4.792	3	10	1.52 No	1.52 Unintentional Islanding
SLP322	170	'8064689_/_8064687_1'		8.4	10	10	4.792	3.9	10	1.52 No	1.52 Unintentional Islanding
SLP322	171	'9000952_/_9631013'		8.4	10	10	4.792	3.9	10	1.52 No	1.52 Unintentional Islanding
SLP322	172	'7739758_/_9000949'		8.4	10	10	4.792	3.9	10	1.52 No	1.52 Unintentional Islanding
SLP322	173	'6041914_/_6041911'		2.8	3.33	3.33	1.6	1.3	3.33	0.5 No	0.5 Unintentional Islanding
SLP322	174	'6059401_/_6059562'		8.5	10	10	4.792	10	10	1.5 No	1.5 Unintentional Islanding
SLP322	175	'515782867_/_515782891'		8.5	10	10	4.792	10	10	1.5 No	1.5 Unintentional Islanding
SLP322	176	'8064637_/_9631683_2'		8.5	10	10	4.792	10	10	1.5 No	1.5 Unintentional Islanding
SLP322	177	'6059447_/_6059596'		8.4	10	10	4.792	10	10	1.49 No	1.49 Unintentional Islanding
SLP322	178	'378984248_/_119808569_2'		6.4	10	10	4.792	4.7	10	1.51 No	1.51 Unintentional Islanding
SLP322	179	'75948232_/_8064591_1'		8.4	10	10	4.792	4.1	10	1.5 No	1.5 Unintentional Islanding
SLP322	180	'351677894_/_121434575_2'		8.4	10	10	4.792	10	10	1.49 No	1.49 Unintentional Islanding
SLP322	181	'121434573_/_121434575_1'		8.4	10	10	4.792	10	10	1.49 No	1.49 Unintentional Islanding
SLP322	182	'6059582_/_6059613_1'		8.4	10	10	4.792	3.9	10	1.49 No	1.49 Unintentional Islanding
SLP322	183	'6039854_/_6059457'		8.4	10	10	4.792	10	10	1.49 No	1.49 Unintentional Islanding
SLP322	184	'8064613_/_9631683_1'		8.3	10	10	4.792	3.8	10	1.49 No	1.49 Unintentional Islanding
SLP322	185	'6039824_/_6039851'		8.3	10	10	4.792	10	10	1.49 No	1.49 Unintentional Islanding
SLP322	186	'6041843_/_6041937'		2.77	3.33	3.33	1.6	1.3	3.33	0.5 No	0.5 Unintentional Islanding
SLP322	187	'6039823_/_6039868_2'		2.77	3.33	3.33	1.6	3.33	3.33	0.5 No	0.5 Unintentional Islanding
SLP322	188	'6038236_/_6039834'		8.3	10	10	4.792	10	10	1.49 No	1.49 Unintentional Islanding
SLP322	189	'8064318_/_8064331_3'		2.7	3.33	3.33	1.6	0.8	3.33	0.5 No	0.5 Unintentional Islanding
SLP322	190	'6037756_/_6038233'		8.3	10	10	4.792	10	10	1.49 No	1.49 Unintentional Islanding
SLP322	191	'43837106_/_43837108'		2.8	3.33	3.33	1.6	2.9	3.33	0.5 No	0.5 Unintentional Islanding
SLP322	192	'6038202_/_6038216'		8.2	10	10	4.792	10	10	1.49 No	1.49 Unintentional Islanding
SLP322	193	'6059434_/_6059431_2'		2.8	3.33	3.33	1.6	2.9	3.33	0.5 No	0.5 Unintentional Islanding
SLP322	194	'6037606_/_6037603_2'		2.77	3.33	3.33	1.6	3.33	3.33	0.5 No	0.5 Unintentional Islanding
SLP322	195	'121791950_/_121791961_1'		8	10	10	4.792	4.7	10	1.51 No	1.51 Unintentional Islanding
SLP322	196	'6038185_/_6038199'		8.2	10	10	4.792	10	10	1.49 No	1.49 Unintentional Islanding
SLP322	197	'6037894_/_6038182'		8.2	10	10	4.792	10	10	1.49 No	1.49 Unintentional Islanding
SLP322	198	'6039811_/_6039868_1'		2.77	3.33	3.33	1.6	1.3	3.33	0.5 No	0.5 Unintentional Islanding
SLP322	199	'6037895_/_6037926_2'		8.2	10	10	4.792	10	10	1.49 No	1.49 Unintentional Islanding
SLP322	200	'443654535_/_43834623_1'		2.73	3.33	3.33	1.6	1.3	3.33	0.5 No	0.5 Unintentional Islanding
SLP322	201	'6038151_/_6038165'		8.1	10	10	4.792	10	10	1.49 No	1.49 Unintentional Islanding
SLP322	202	'6041842_/_6041840'		2.67	3.33	3.33	1.6	1.3	3.33	0.5 No	0.5 Unintentional Islanding
SLP322	203	'6059476_/_6059613_2'		8.1	10	10	4.792	3.9	10	1.49 No	1.49 Unintentional Islanding
SLP322	204	'6037418_/_6038148'		8.1	10	10	4.792	10	10	1.49 No	1.49 Unintentional Islanding
SLP322	205	'443654673_/_6038047_2'		2.7	3.33	3.33	1.6	3.33	3.33	0.5 No	0.5 Unintentional Islanding
SLP322	206	'43837095_/_6059431_1'		2.8	3.33	3.33	1.6	1.2	3.33	0.5 No	0.5 Unintentional Islanding
SLP322	207	'6037929_/_6037926_1'		8.1	10	10	4.792	3.8	10	1.49 No	1.49 Unintentional Islanding
SLP322	208	'43834621_/_43834623_2'		2.73	3.33	3.33	1.6	1.3	3.33	0.5 No	0.5 Unintentional Islanding
SLP322	209	'6037417_/_6037402_2'		2.7	3.33	3.33	1.6	3.33	3.33	0.5 No	0.5 Unintentional Islanding
SLP322	210	'6038117_/_6038131'		8	10	10	4.792	10	10	1.49 No	1.49 Unintentional Islanding
SLP322	211	'43834643_/_6037603_1'		2.77	3.33	3.33	1.6	1.3	3.33	0.5 No	0.5 Unintentional Islanding
SLP322	212	'6037739_/_6038114'		8	10	10	4.792	10	10	1.49 No	1.49 Unintentional Islanding
SLP322	213	'43834665_/_6039808'		2.77	3.33	3.33	1.6	1.3	3.33	0.5 No	0.5 Unintentional Islanding
SLP322	214	'6037719_/_6037716_3'		8	10	10	4.792	10	10	1.49 No	1.49 Unintentional Islanding
SLP322	215	'6038083_/_6038097'		8	10	10	4.792	10	10	1.49 No	1.49 Unintentional Islanding
SLP322	216	'622724517_/_6037716_2'		8	10	10	4.792	8.3	10	1.49 No	1.49 Unintentional Islanding

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SLP322	217	'43834885_/6038047_1'	2.7	3.33	3.33	1.6	1.2	3.33	0.5 No	0.5	Unintentional Islanding
SLP322	218	'7739757_/7739755'	7.7	10	10	4.792	3.9	10	1.51 No	1.51	Unintentional Islanding
SLP322	219	'6038063_/6038080'	8	10	10	4.792	10	10	1.49 No	1.49	Unintentional Islanding
SLP322	220	'6037392_/6037402_1'	2.7	3.33	3.33	1.6	1.3	3.33	0.5 No	0.5	Unintentional Islanding
SLP322	221	'6037795_/6038060'	7.9	10	10	4.792	10	10	1.48 No	1.48	Unintentional Islanding
SLP322	222	'43834907_/6037946'	7.9	10	10	4.792	3.8	10	1.49 No	1.49	Unintentional Islanding
SLP322	223	'6038387_/399361688'	7.9	10	10	4.792	10	10	1.48 No	1.48	Unintentional Islanding
SLP322	224	'8064090_/8064591_2'	7.8	10	10	4.792	4.1	10	1.49 No	1.49	Unintentional Islanding
SLP322	225	'6039964_/6059418'	2.73	3.33	3.33	1.6	1.2	3.33	0.5 No	0.5	Unintentional Islanding
SLP322	226	'6037782_/6037779_2'	2.63	3.33	3.33	1.6	2.9	3.33	0.49 No	0.49	Unintentional Islanding
SLP322	227	'6038388_/6038587_1'	7.9	10	10	4.792	8.3	10	1.48 No	1.48	Unintentional Islanding
SLP322	228	'6037702_/6037716_1'	7.9	10	10	4.792	8.3	10	1.49 No	1.49	Unintentional Islanding
SLP322	229	'6037499_/6037509'	2.73	3.33	3.33	1.6	1.3	3.33	0.5 No	0.5	Unintentional Islanding
SLP322	230	'6037580_/6037590'	2.73	3.33	3.33	1.6	1.3	3.33	0.5 No	0.5	Unintentional Islanding
SLP322	231	'6038569_/6038718'	7.9	10	10	4.792	10	10	1.48 No	1.48	Unintentional Islanding
SLP322	232	'361228889_/9000969'	7.8	10	10	4.792	4.1	10	1.49 No	1.49	Unintentional Islanding
SLP322	233	'6037853_/6037850'	2.7	3.33	3.33	1.6	1.2	3.33	0.5 No	0.5	Unintentional Islanding
SLP322	234	'6039886_/6059474'	7.7	10	10	4.792	3.9	10	1.49 No	1.49	Unintentional Islanding
SLP322	235	'483076497_/483076508_2'	2.63	3.33	3.33	1.6	0.7	3.33	0.49 No	0.49	Unintentional Islanding
SLP322	236	'6038468_/6038465_2'	2.63	3.33	3.33	1.6	3.33	3.33	0.49 No	0.49	Unintentional Islanding
SLP322	237	'6037769_/6037779_1'	2.63	3.33	3.33	1.6	1.2	3.33	0.49 No	0.49	Unintentional Islanding
SLP322	238	'6039225_/6039223'	7.8	10	10	4.792	10	10	1.48 No	1.48	Unintentional Islanding
SLP322	239	'6039785_/6039795'	2.7	3.33	3.33	1.6	1.3	3.33	0.5 No	0.5	Unintentional Islanding
SLP322	240	'361228977_/361228996'	7.7	10	10	4.792	4.1	10	1.49 No	1.49	Unintentional Islanding
SLP322	241	'483076524_/483076508_1'	2.63	3.33	3.33	1.6	0.7	3.33	0.49 No	0.49	Unintentional Islanding
SLP322	242	'8064014_/8064011_2'	2.6	3.33	3.33	1.6	3.33	3.33	0.49 No	0.49	Unintentional Islanding
SLP322	243	'6039525_/6041882'	2.57	3.33	3.33	1.6	1.3	3.33	0.5 No	0.5	Unintentional Islanding
SLP322	244	'43834787_/6039243'	7.8	10	10	4.792	10	10	1.48 No	1.48	Unintentional Islanding
SLP322	245	'6039903_/6039918'	7.7	10	10	4.792	3.9	10	1.49 No	1.49	Unintentional Islanding
SLP322	246	'6037965_/43834909'	7.7	10	10	4.792	3.8	10	1.49 No	1.49	Unintentional Islanding
SLP322	247	'361228933_/361229022'	7.7	10	10	4.792	4.1	10	1.49 No	1.49	Unintentional Islanding
SLP322	248	'6038455_/6038465_1'	2.63	3.33	3.33	1.6	1.3	3.33	0.49 No	0.49	Unintentional Islanding
SLP322	249	'6049169_/6049166'	2.67	3.33	3.33	1.6	2.77	3.33	0.49 No	0.49	Unintentional Islanding
SLP322	250	'622724013_/9320974_1'	2.53	3.33	3.33	1.6	1.3	3.33	0.5 No	0.5	Unintentional Islanding
SLP322	251	'6049121_/6049119'	7.8	10	10	4.792	10	10	1.48 No	1.48	Unintentional Islanding
SLP322	252	'6037486_/6037496'	2.7	3.33	3.33	1.6	1.3	3.33	0.5 No	0.5	Unintentional Islanding
SLP322	253	'43834588_/6037389'	2.7	3.33	3.33	1.6	1.3	3.33	0.49 No	0.49	Unintentional Islanding
SLP322	254	'6037682_/6037699'	7.7	10	10	4.792	8.3	10	1.48 No	1.48	Unintentional Islanding
SLP322	255	'6039887_/6039884'	7.7	10	10	4.792	3.9	10	1.49 No	1.49	Unintentional Islanding
SLP322	256	'357172170_/6049179_1'	2.67	3.33	3.33	1.6	0.7	3.33	0.49 No	0.49	Unintentional Islanding
SLP322	257	'43837043_/6038587_2'	7.7	10	10	4.792	8.3	10	1.48 No	1.48	Unintentional Islanding
SLP322	258	'6049085_/6049136'	7.7	10	10	4.792	10	10	1.48 No	1.48	Unintentional Islanding
SLP322	259	'6039951_/6039961'	2.67	3.33	3.33	1.6	1.2	3.33	0.5 No	0.5	Unintentional Islanding
SLP322	260	'7429268_/7429266_1'	2.53	3.33	3.33	1.6	1.3	3.33	0.5 No	0.5	Unintentional Islanding
SLP322	261	'6038949_/6049099'	7.7	10	10	4.792	10	10	1.48 No	1.48	Unintentional Islanding
SLP322	262	'530983111_/7429266_2'	2.53	3.33	3.33	1.6	0.8	3.33	0.5 No	0.5	Unintentional Islanding
SLP322	263	'6039904_/6039901'	7.6	10	10	4.792	3.9	10	1.49 No	1.49	Unintentional Islanding
SLP322	264	'6049032_/6049082'	7.7	10	10	4.792	10	10	1.48 No	1.48	Unintentional Islanding
SLP322	265	'49934650_/8687994_1'	7.6	10	10	4.792	2.4	10	1.49 No	1.49	Unintentional Islanding
SLP322	266	'8064317_/8064315'	2.5	3.33	3.33	1.6	0.8	3.33	0.5 No	0.5	Unintentional Islanding
SLP322	267	'6038932_/6038946'	7.7	10	10	4.792	10	10	1.48 No	1.48	Unintentional Islanding
SLP322	268	'43834632_/43834634'	2.67	3.33	3.33	1.6	1.3	3.33	0.5 No	0.5	Unintentional Islanding
SLP322	269	'6049049_/6049046_2'	5.13	6.67	6.67	3.2	6.67	6.67	0.99 No	0.99	Unintentional Islanding
SLP322	270	'8687997_/8687994_2'	7.6	10	10	4.792	2.4	10	1.49 No	1.49	Unintentional Islanding
SLP322	271	'6039607_/70287274_2'	2.53	3.33	3.33	1.6	0.7	3.33	0.49 No	0.49	Unintentional Islanding
SLP322	272	'6037866_/6037863'	2.67	3.33	3.33	1.6	1.2	3.33	0.49 No	0.49	Unintentional Islanding
SLP322	273	'6038931_/6038929'	7.7	10	10	4.792	10	10	1.48 No	1.48	Unintentional Islanding
SLP322	274	'6038917_/6049046_1'	5.13	6.67	6.67	3.2	6.67	6.67	0.99 No	0.99	Unintentional Islanding
SLP322	275	'43834610_/6037483'	2.67	3.33	3.33	1.6	1.3	3.33	0.49 No	0.49	Unintentional Islanding
SLP322	276	'43834654_/43834656'	2.63	3.33	3.33	1.6	1.3	3.33	0.5 No	0.5	Unintentional Islanding
SLP322	277	'482870784_/70287274_1'	2.53	3.33	3.33	1.6	0.7	3.33	0.49 No	0.49	Unintentional Islanding
SLP322	278	'43834920_/6037963'	7.5	10	10	4.792	3.8	10	1.49 No	1.49	Unintentional Islanding
SLP322	279	'43834700_/43834702'	7.6	10	10	4.792	8.3	10	1.48 No	1.48	Unintentional Islanding
SLP322	280	'6039119_/6039133'	7.6	10	10	4.792	10	10	1.48 No	1.48	Unintentional Islanding
SLP322	281	'6037823_/6049179_2'	2.63	3.33	3.33	1.6	0.7	3.33	0.49 No	0.49	Unintentional Islanding
SLP322	282	'6039509_/6039523'	2.47	3.33	3.33	1.6	1.3	3.33	0.5 No	0.5	Unintentional Islanding
SLP322	283	'43834776_/6038452'	2.63	3.33	3.33	1.6	1.3	3.33	0.49 No	0.49	Unintentional Islanding
SLP322	284	'6038607_/6038604'	7.6	10	10	4.792	8.3	10	1.48 No	1.48	Unintentional Islanding
SLP322	285	'6039013_/6039116'	7.6	10	10	4.792	10	10	1.48 No	1.48	Unintentional Islanding
SLP322	286	'6039938_/6039948'	2.6	3.33	3.33	1.6	1.2	3.33	0.5 No	0.5	Unintentional Islanding
SLP322	287	'6039014_/6039260_1'	5.07	6.67	6.67	3.2	2.5	6.67	0.98 No	0.98	Unintentional Islanding
SLP322	288	'9320977_/9320974_2'	2.47	3.33	3.33	1.6	1.3	3.33	0.5 No	0.5	Unintentional Islanding
SLP322	289	'6039281_/6039298'	7.6	10	10	4.792	10	10	1.48 No	1.48	Unintentional Islanding
SLP322	290	'6037554_/6037564'	2.6	3.33	3.33	1.6	1.3	3.33	0.49 No	0.49	Unintentional Islanding
SLP322	291	'6038692_/6038702_1'	2.53	3.33	3.33	1.6	1.2	3.33	0.49 No	0.49	Unintentional Islanding
SLP322	292	'6037366_/6037376'	2.63	3.33	3.33	1.6	1.3	3.33	0.49 No	0.49	Unintentional Islanding
SLP322	293	'6038425_/6039278'	7.6	10	10	4.792	10	10	1.48 No	1.48	Unintentional Islanding
SLP322	294	'6037768_/43834715'	2.6	3.33	3.33	1.6	1.2	3.33	0.49 No	0.49	Unintentional Islanding
SLP322	295	'142479276_/142479282'	7.2	10	10	4.792	4.7	10	1.51 No	1.51	Unintentional Islanding
SLP322	296	'6038424_/6038422'	7.5	10	10	4.792	10	10	1.48 No	1.48	Unintentional Islanding
SLP322	297	'6039654_/6039651_2'	2.47	3.33	3.33	1.6	3.33	3.33	0.49 No	0.49	Unintentional Islanding
SLP322	298	'6039641_/6039651_1'	2.47	3.33	3.33	1.6	1.3	3.33	0.49 No	0.49	Unintentional Islanding
SLP322	299	'6037648_/6037662'	7.4	10	10	4.792	8.3	10	1.48 No	1.48	Unintentional Islanding
SLP322	300	'6037635_/6039769'	2.57	3.33	3.33	1.6	1.3	3.33	0.49 No	0.49	Unintentional Islanding
SLP322	301	'6037460_/6037470'	2.6	3.33	3.33	1.6	1.3	3.33	0.49 No	0.49	Unintentional Islanding
SLP322	302	'7428731_/8379140_1'	7.5	10	10	4.792	3.8	10	1.48 No	1.48	Unintentional Islanding
SLP322	303	'8064165_/9631085'	7.4	10	10	4.792	2.4	10	1.49 No	1.49	Unintentional Islanding
SLP322	304	'142479350_/142479368'	7.2	10	10	4.792	4.7	10	1.5 No	1.5	Unintentional Islanding
SLP322	305	'6058235_/6058233'	7.5	10	10	4.792	10	10	1.47 No	1.47	Unintentional Islanding
SLP322	306	'43834800_/6038914'	5.13	6.67	6.67	3.2	5.9	6.67	0.99 No	0.99	Unintentional Islanding
SLP322	307	'6037983_/6037980'	7.4	10	10	4.792	3.8	10	1.48 No	1.48	Unintentional Islanding
SLP322	308	'43834824_/43834826'	7.4	10	10	4.792	10	10	1.48 No	1.48	Unintentional Islanding
SLP322	309	'43834896_/6037876'	2.6	3.33	3.33	1.6	1.2	3.33	0.49 No	0.49	Unintentional Islanding
SLP322	310	'6058496_/6058510'	7.5	10	10	4.792	10	10	1.47 No	1.47	Unintentional Islanding

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SLP322	311	'6038791_/_6038788_2'		7.4	10	10	4.792	10	10	1.48 No	1.48 Unintentional Islanding
SLP322	312	'8379143_/_8379140_2'		7.5	10	10	4.792	3.8	10	1.47 No	1.47 Unintentional Islanding
SLP322	313	'142479313_/_142479386'		7.2	10	10	4.792	4.7	10	1.5 No	1.5 Unintentional Islanding
SLP322	314	'6038441_/_6038439'		2.6	3.33	3.33	1.6	1.3	3.33	0.49 No	0.49 Unintentional Islanding
SLP322	315	'6058585_/_6058600'		7.5	10	10	4.792	10	10	1.47 No	1.47 Unintentional Islanding
SLP322	316	'6039937_/_6039935'		2.53	3.33	3.33	1.6	1.2	3.33	0.49 No	0.49 Unintentional Islanding
SLP322	317	'6039152_/_6039260_2'		5.07	6.67	6.67	3.2	2.5	6.67	0.98 No	0.98 Unintentional Islanding
SLP322	318	'6059216_/_6059213'		7.4	10	10	4.792	10	10	1.47 No	1.47 Unintentional Islanding
SLP322	319	'6037365_/_6037363'		2.57	3.33	3.33	1.6	1.3	3.33	0.49 No	0.49 Unintentional Islanding
SLP322	320	'6059250_/_6059264_1'		7.4	10	10	4.792	10	10	1.47 No	1.47 Unintentional Islanding
SLP322	321	'43838735_/_43838737'		7.5	10	10	4.792	10	10	1.47 No	1.47 Unintentional Islanding
SLP322	322	'6037541_/_6037551'		2.53	3.33	3.33	1.6	1.3	3.33	0.49 No	0.49 Unintentional Islanding
SLP322	323	'43838761_/_6059264_2'		7.4	10	10	4.792	10	10	1.47 No	1.47 Unintentional Islanding
SLP322	324	'8064013_/_8064011_1'		2.57	3.33	3.33	1.6	1.2	3.33	0.49 No	0.49 Unintentional Islanding
SLP322	325	'6058185_/_6058216'		7.4	10	10	4.792	10	10	1.47 No	1.47 Unintentional Islanding
SLP322	326	'43834687_/_6037645'		7.3	10	10	4.792	8.3	10	1.48 No	1.48 Unintentional Islanding
SLP322	327	'6038624_/_6038621'		7.3	10	10	4.792	8.3	10	1.48 No	1.48 Unintentional Islanding
SLP322	328	'43834874_/_6037821'		2.53	3.33	3.33	1.6	0.7	3.33	0.49 No	0.49 Unintentional Islanding
SLP322	329	'622724723_/_6039150'		5.07	6.67	6.67	3.2	2.5	6.67	0.98 No	0.98 Unintentional Islanding
SLP322	330	'6039168_/_6039165'		2.53	3.33	3.33	1.6	1.25	3.33	0.49 No	0.49 Unintentional Islanding
SLP322	331	'7739777_/_9321558'		7	10	10	4.792	3.9	10	1.51 No	1.51 Unintentional Islanding
SLP322	332	'6058620_/_43838763'		7.4	10	10	4.792	10	10	1.47 No	1.47 Unintentional Islanding
SLP322	333	'6037622_/_6037632'		2.53	3.33	3.33	1.6	1.3	3.33	0.49 No	0.49 Unintentional Islanding
SLP322	334	'6037447_/_6037457'		2.53	3.33	3.33	1.6	1.3	3.33	0.49 No	0.49 Unintentional Islanding
SLP322	335	'6058168_/_6058182'		7.4	10	10	4.792	10	10	1.47 No	1.47 Unintentional Islanding
SLP322	336	'6039510_/_6039507'		2.4	3.33	3.33	1.6	1.3	3.33	0.5 No	0.5 Unintentional Islanding
SLP322	337	'6038705_/_6038702_2'		2.53	3.33	3.33	1.6	1.2	3.33	0.49 No	0.49 Unintentional Islanding
SLP322	338	'276929573_/_276929575'		7.3	10	10	4.792	10	10	1.47 No	1.47 Unintentional Islanding
SLP322	339	'276930500_/_6058617'		7.3	10	10	4.792	10	10	1.47 No	1.47 Unintentional Islanding
SLP322	340	'49223641_/_6038537'		2.53	3.33	3.33	1.6	1.3	3.33	0.49 No	0.49 Unintentional Islanding
SLP322	341	'6038774_/_6038788_1'		7.3	10	10	4.792	3.9	10	1.48 No	1.48 Unintentional Islanding
SLP322	342	'276929705_/_276929665_1'		7.3	10	10	4.792	9.1	10	1.47 No	1.47 Unintentional Islanding
SLP322	343	'6058167_/_6058165'		7.3	10	10	4.792	10	10	1.47 No	1.47 Unintentional Islanding
SLP322	344	'603941036_/_276930144_1'		6.8	10	10	4.792	5.9	10	1.47 No	1.47 Unintentional Islanding
SLP322	345	'603941053_/_276929427'		7.3	10	10	4.792	10	10	1.47 No	1.47 Unintentional Islanding
SLP322	346	'603941091_/_6057758_1'		7.3	10	10	4.792	4.7	10	1.47 No	1.47 Unintentional Islanding
SLP322	347	'603941067_/_6057758_2'		7.3	10	10	4.792	4.7	10	1.47 No	1.47 Unintentional Islanding
SLP322	348	'9001628_/_9631571_1'		7.3	10	10	4.792	4	10	1.47 No	1.47 Unintentional Islanding
SLP322	349	'43836914_/_6038332'		7.2	10	10	4.792	3.8	10	1.48 No	1.48 Unintentional Islanding
SLP322	350	'43834901_/_43834898'		2.53	3.33	3.33	1.6	1.2	3.33	0.49 No	0.49 Unintentional Islanding
SLP322	351	'43834676_/_6040000'		2.5	3.33	3.33	1.6	1.2	3.33	0.49 No	0.49 Unintentional Islanding
SLP322	352	'6039181_/_6039178'		2.53	3.33	3.33	1.6	1.25	3.33	0.49 No	0.49 Unintentional Islanding
SLP322	353	'474666546_/_9630723_2'		7.2	10	10	4.792	3.8	10	1.48 No	1.48 Unintentional Islanding
SLP322	354	'6037528_/_6037538'		2.5	3.33	3.33	1.6	1.3	3.33	0.49 No	0.49 Unintentional Islanding
SLP322	355	'8064166_/_8064163_1'		7.1	10	10	4.792	2.3	10	1.49 No	1.49 Unintentional Islanding
SLP322	356	'43836903_/_43836905'		2.53	3.33	3.33	1.6	1.3	3.33	0.49 No	0.49 Unintentional Islanding
SLP322	357	'6038641_/_6038638'		7.2	10	10	4.792	8.3	10	1.48 No	1.48 Unintentional Islanding
SLP322	358	'6057693_/_6057724'		7.3	10	10	4.792	10	10	1.47 No	1.47 Unintentional Islanding
SLP322	359	'6038317_/_355598102'		7.2	10	10	4.792	8.3	10	1.48 No	1.48 Unintentional Islanding
SLP322	360	'7739878_/_8379962_1'		7.3	10	10	4.792	3.8	10	1.47 No	1.47 Unintentional Islanding
SLP322	361	'43836841_/_6057690'		7.3	10	10	4.792	10	10	1.47 No	1.47 Unintentional Islanding
SLP322	362	'6038887_/_6038899'		5	6.67	6.67	3.2	5.9	6.67	0.98 No	0.98 Unintentional Islanding
SLP322	363	'603939433_/_6038365_1'		2.4	3.33	3.33	1.6	2.77	3.33	0.49 No	0.49 Unintentional Islanding
SLP322	364	'6037621_/_6037619'		2.47	3.33	3.33	1.6	1.3	3.33	0.49 No	0.49 Unintentional Islanding
SLP322	365	'6057676_/_6057707'		7.3	10	10	4.792	10	10	1.47 No	1.47 Unintentional Islanding
SLP322	366	'43834837_/_6038851'		4.87	6.67	6.67	3.2	2.6	6.67	0.98 No	0.98 Unintentional Islanding
SLP322	367	'7428995_/_9321310'		2.33	3.33	3.33	1.6	0.8	3.33	0.5 No	0.5 Unintentional Islanding
SLP322	368	'8687748_/_9630723_1'		7.1	10	10	4.792	2.3	10	1.48 No	1.48 Unintentional Islanding
SLP322	369	'622724068_/_6057673'		7.2	10	10	4.792	10	10	1.47 No	1.47 Unintentional Islanding
SLP322	370	'622724389_/_603940304'		7.2	10	10	4.792	10	10	1.47 No	1.47 Unintentional Islanding
SLP322	371	'6057607_/_6057605'		7.2	10	10	4.792	10	10	1.47 No	1.47 Unintentional Islanding
SLP322	372	'8379178_/_8379176'		2.5	3.33	3.33	1.6	1.2	3.33	0.49 No	0.49 Unintentional Islanding
SLP322	373	'43834599_/_43834601'		2.5	3.33	3.33	1.6	1.3	3.33	0.49 No	0.49 Unintentional Islanding
SLP322	374	'45181358_/_6037834'		2.47	3.33	3.33	1.6	0.7	3.33	0.49 No	0.49 Unintentional Islanding
SLP322	375	'49481760_/_6057656'		7.2	10	10	4.792	10	10	1.47 No	1.47 Unintentional Islanding
SLP322	376	'622724699_/_6057880_1'		7.2	10	10	4.792	2.4	10	1.47 No	1.47 Unintentional Islanding
SLP322	377	'49481804_/_6057880_2'		7.2	10	10	4.792	1.2	10	1.47 No	1.2 Element Fault
SLP322	378	'6057792_/_6057807_1'		4.8	6.67	6.67	3.2	2.5	6.67	0.98 No	0.98 Unintentional Islanding
SLP322	379	'6058671_/_6058685'		7.2	10	10	4.792	10	10	1.47 No	1.47 Unintentional Islanding
SLP322	380	'622724556_/_6058722'		7.2	10	10	4.792	10	10	1.47 No	1.47 Unintentional Islanding
SLP322	381	'6038265_/_6038289'		2.47	3.33	3.33	1.6	1.3	3.33	0.49 No	0.49 Unintentional Islanding
SLP322	382	'8064109_/_361228937'		7	10	10	4.792	4.1	10	1.48 No	1.48 Unintentional Islanding
SLP322	383	'492223640_/_43836942'		2.47	3.33	3.33	1.6	1.3	3.33	0.49 No	0.49 Unintentional Islanding
SLP322	384	'90867044_/_276929665_2'		7.2	10	10	4.792	9.1	10	1.47 No	1.47 Unintentional Islanding
SLP322	385	'6037527_/_6037525'		2.43	3.33	3.33	1.6	1.3	3.33	0.49 No	0.49 Unintentional Islanding
SLP322	386	'603940918_/_9001665_2'		7.2	10	10	4.792	10	10	1.47 No	1.47 Unintentional Islanding
SLP322	387	'6038552_/_8379124_2'		2.47	3.33	3.33	1.6	1.3	3.33	0.49 No	0.49 Unintentional Islanding
SLP322	388	'43836788_/_6058668'		7.2	10	10	4.792	10	10	1.47 No	1.47 Unintentional Islanding
SLP322	389	'6039977_/_6039987'		2.43	3.33	3.33	1.6	1.2	3.33	0.49 No	0.49 Unintentional Islanding
SLP322	390	'6058766_/_6058781'		7.2	10	10	4.792	10	10	1.47 No	1.47 Unintentional Islanding
SLP322	391	'6057810_/_6057807_2'		4.73	6.67	6.67	3.2	2.5	6.67	0.98 No	0.98 Unintentional Islanding
SLP322	392	'6039197_/_6039194'		2.5	3.33	3.33	1.6	1.25	3.33	0.49 No	0.49 Unintentional Islanding
SLP322	393	'6058745_/_6058742_1'		7.1	10	10	4.792	2.4	10	1.47 No	1.47 Unintentional Islanding
SLP322	394	'6041856_/_6041895'		2.3	3.33	3.33	1.6	1.3	3.33	0.5 No	0.5 Unintentional Islanding
SLP322	395	'6058857_/_6058855'		7.1	10	10	4.792	10	10	1.46 No	1.46 Unintentional Islanding
SLP322	396	'474666489_/_474666518'		2.3	3.33	3.33	1.6	0.77	3.33	0.49 No	0.49 Unintentional Islanding
SLP322	397	'6038658_/_6038655'		7	10	10	4.792	8.3	10	1.48 No	1.48 Unintentional Islanding
SLP322	398	'8379126_/_8379124_1'		2.43	3.33	3.33	1.6	0.8	3.33	0.49 No	0.49 Unintentional Islanding
SLP322	399	'6037353_/_6037431'		2.43	3.33	3.33	1.6	1.3	3.33	0.49 No	0.49 Unintentional Islanding
SLP322	400	'50632201_/_6058742_2'		7.1	10	10	4.792	2.4	10	1.47 No	1.47 Unintentional Islanding
SLP322	401	'8688624_/_9001665_1'		7.1	10	10	4.792	3.9	10	1.47 No	1.47 Unintentional Islanding
SLP322	402	'622723997_/_6038365_2'		2.4	3.33	3.33	1.6	2.77	3.33	0.49 No	0.49 Unintentional Islanding
SLP322	403	'6038266_/_6038263'		2.43	3.33	3.33	1.6	1.3	3.33	0.49 No	0.49 Unintentional Islanding
SLP322	404	'6049018_/_6049016'		2.4	3.33	3.33	1.6	1.3	3.33	0.49 No	0.49 Unintentional Islanding

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SLP322	405	'8379965_/8379962_2'		7	10	10	4.792	3.8	10	1.47 No	1.47 Unintentional Islanding
SLP322	406	'6038838_/6038836'		4.87	6.67	6.67	3.2	2.6	6.67	0.98 No	0.98 Unintentional Islanding
SLP322	407	'6038368_/8687762_2'		2.4	3.33	3.33	1.6	2.77	3.33	0.49 No	0.49 Unintentional Islanding
SLP322	408	'43834812_/6038884'		4.87	6.67	6.67	3.2	5.9	6.67	0.98 No	0.98 Unintentional Islanding
SLP322	409	'6038499_/6038672'		6.9	10	10	4.792	8.3	10	1.48 No	1.48 Unintentional Islanding
SLP322	410	'8688564_/9631571_2'		7	10	10	4.792	4	10	1.47 No	1.47 Unintentional Islanding
SLP322	411	'6039759_/6039974'		2.37	3.33	3.33	1.6	1.2	3.33	0.49 No	0.49 Unintentional Islanding
SLP322	412	'6038757_/6038771'		6.9	10	10	4.792	3.9	10	1.47 No	1.47 Unintentional Islanding
SLP322	413	'7428898_/276929814'		7	10	10	4.792	9.1	10	1.47 No	1.47 Unintentional Islanding
SLP322	414	'6039210_/6039207'		2.43	3.33	3.33	1.6	1.25	3.33	0.49 No	0.49 Unintentional Islanding
SLP322	415	'593185285_/8688622'		7	10	10	4.792	3.9	10	1.46 No	1.46 Unintentional Islanding
SLP322	416	'622724333_/7428992_1'		2.23	3.33	3.33	1.6	0.7	3.33	0.5 No	0.5 Unintentional Islanding
SLP322	417	'6041855_/6041853'		2.23	3.33	3.33	1.6	1.3	3.33	0.5 No	0.5 Unintentional Islanding
SLP322	418	'6037340_/6037350'		2.4	3.33	3.33	1.6	1.3	3.33	0.49 No	0.49 Unintentional Islanding
SLP322	419	'7429269_/7429266_3'		2.27	3.33	3.33	1.6	0.8	3.33	0.49 No	0.49 Unintentional Islanding
SLP322	420	'8687765_/8687762_1'		2.37	3.33	3.33	1.6	1.2	3.33	0.49 No	0.49 Unintentional Islanding
SLP322	421	'593185326_/593185373'		6.9	10	10	4.792	3.9	10	1.46 No	1.46 Unintentional Islanding
SLP322	422	'121791991_/121792002'		6.6	10	10	4.792	4.7	10	1.5 No	1.5 Unintentional Islanding
SLP322	423	'416371645_/8688562'		6.9	10	10	4.792	4	10	1.47 No	1.47 Unintentional Islanding
SLP322	424	'6039746_/6039756'		2.33	3.33	3.33	1.6	1.2	3.33	0.49 No	0.49 Unintentional Islanding
SLP322	425	'6038253_/6038276'		2.37	3.33	3.33	1.6	1.3	3.33	0.49 No	0.49 Unintentional Islanding
SLP322	426	'416371598_/416371687'		6.9	10	10	4.792	4	10	1.47 No	1.47 Unintentional Islanding
SLP322	427	'9631534_/9631531'		6.8	10	10	4.792	3.8	10	1.47 No	1.47 Unintentional Islanding
SLP322	428	'6038871_/6038869'		4.73	6.67	6.67	3.2	5.9	6.67	0.98 No	0.98 Unintentional Islanding
SLP322	429	'6038500_/6038497'		6.7	10	10	4.792	8.3	10	1.47 No	1.47 Unintentional Islanding
SLP322	430	'6057828_/6057825'		4.53	6.67	6.67	3.2	2.5	6.67	0.98 No	0.98 Unintentional Islanding
SLP322	431	'8380016_/416371617'		6.8	10	10	4.792	4	10	1.47 No	1.47 Unintentional Islanding
SLP322	432	'150202058_/150202063'		6.5	10	10	4.792	4.7	10	1.5 No	1.5 Unintentional Islanding
SLP322	433	'43836738_/43836740'		6.8	10	10	4.792	10	10	1.46 No	1.46 Unintentional Islanding
SLP322	434	'150202131_/150202167'		6.5	10	10	4.792	4.7	10	1.5 No	1.5 Unintentional Islanding
SLP322	435	'6037339_/43834568'		2.33	3.33	3.33	1.6	1.3	3.33	0.49 No	0.49 Unintentional Islanding
SLP322	436	'43838587_/6041924'		2.2	3.33	3.33	1.6	1.3	3.33	0.5 No	0.5 Unintentional Islanding
SLP322	437	'6038756_/6038754'		6.7	10	10	4.792	3.9	10	1.47 No	1.47 Unintentional Islanding
SLP322	438	'585050606_/157089157'		6.8	10	10	4.792	10	10	1.46 No	1.46 Unintentional Islanding
SLP322	439	'150202095_/150202149'		6.5	10	10	4.792	4.7	10	1.5 No	1.5 Unintentional Islanding
SLP322	440	'43834849_/6038981'		4.67	6.67	6.67	3.2	2.6	6.67	0.98 No	0.98 Unintentional Islanding
SLP322	441	'678055121_/585050610_1'		6.8	10	10	4.792	10	10	1.46 No	1.46 Unintentional Islanding
SLP322	442	'157089572_/585050610_2'		6.8	10	10	4.792	10	10	1.46 No	1.46 Unintentional Islanding
SLP322	443	'6038999_/6038996'		4.67	6.67	6.67	3.2	5.9	6.67	0.98 No	0.98 Unintentional Islanding
SLP322	444	'276930047_/53023366'		6.7	10	10	4.792	9.1	10	1.47 No	1.47 Unintentional Islanding
SLP322	445	'6038252_/6038250'		2.33	3.33	3.33	1.6	1.3	3.33	0.49 No	0.49 Unintentional Islanding
SLP322	446	'6039733_/6039743'		2.27	3.33	3.33	1.6	1.2	3.33	0.49 No	0.49 Unintentional Islanding
SLP322	447	'8687749_/474666493'		2.17	3.33	3.33	1.6	0.77	3.33	0.49 No	0.49 Unintentional Islanding
SLP322	448	'8063817_/9630743'		2.3	3.33	3.33	1.6	1.2	3.33	0.49 No	0.49 Unintentional Islanding
SLP322	449	'9000883_/9000881'		2.3	3.33	3.33	1.6	0.8	3.33	0.49 No	0.49 Unintentional Islanding
SLP322	450	'603940227_/8380014_1'		6.7	10	10	4.792	4	10	1.46 No	1.46 Unintentional Islanding
SLP322	451	'621378925_/621378896'		4.33	6.67	6.67	3.2	2.6	6.67	0.97 No	0.97 Unintentional Islanding
SLP322	452	'6041953_/6041950'		2.17	3.33	3.33	1.6	1.3	3.33	0.5 No	0.5 Unintentional Islanding
SLP322	453	'603723368_/603723366'		2.3	3.33	3.33	1.6	1.3	3.33	0.49 No	0.49 Unintentional Islanding
SLP322	454	'6039717_/6039730'		2.23	3.33	3.33	1.6	1.2	3.33	0.49 No	0.49 Unintentional Islanding
SLP322	455	'6038807_/6038805'		4.47	6.67	6.67	3.2	2.6	6.67	0.98 No	0.98 Unintentional Islanding
SLP322	456	'9320925_/9630857'		2.27	3.33	3.33	1.6	1.2	3.33	0.49 No	0.49 Unintentional Islanding
SLP322	457	'8063818_/9320886_1'		2.27	3.33	3.33	1.6	1.2	3.33	0.49 No	0.49 Unintentional Islanding
SLP322	458	'119808483_/121792032'		6.3	10	10	4.792	4.7	10	1.5 No	1.5 Unintentional Islanding
SLP322	459	'119808470_/119808480'		6.3	10	10	4.792	4.7	10	1.5 No	1.5 Unintentional Islanding
SLP322	460	'119808469_/119808466'		6.3	10	10	4.792	4.7	10	1.5 No	1.5 Unintentional Islanding
SLP322	461	'119808476_/119808473'		6.3	10	10	4.792	4.7	10	1.5 No	1.5 Unintentional Islanding
SLP322	462	'119808490_/119808487'		6.3	10	10	4.792	4.7	10	1.5 No	1.5 Unintentional Islanding
SLP322	463	'155901668_/9320922_1'		2.27	3.33	3.33	1.6	1.2	3.33	0.49 No	0.49 Unintentional Islanding
SLP322	464	'6038826_/6038963'		4.47	6.67	6.67	3.2	2.6	6.67	0.98 No	0.98 Unintentional Islanding
SLP322	465	'43834577_/6039714'		2.2	3.33	3.33	1.6	1.2	3.33	0.49 No	0.49 Unintentional Islanding
SLP322	466	'621378892_/593185330'		6.5	10	10	4.792	3.9	10	1.46 No	1.46 Unintentional Islanding
SLP322	467	'6039047_/43834863'		6.4	10	10	4.792	3.9	10	1.47 No	1.47 Unintentional Islanding
SLP322	468	'43836764_/6039101'		4.47	6.67	6.67	3.2	2.6	6.67	0.98 No	0.98 Unintentional Islanding
SLP322	469	'6038825_/6038823'		2.23	3.33	3.33	1.6	1.3	3.33	0.49 No	0.49 Unintentional Islanding
SLP322	470	'6039048_/6039045'		6.2	10	10	4.792	3.9	10	1.47 No	1.47 Unintentional Islanding
SLP322	471	'6039032_/6039029'		2.17	3.33	3.33	1.6	1.3	3.33	0.49 No	0.49 Unintentional Islanding
SLP322	472	'6039088_/43836778'		4.27	6.67	6.67	3.2	2.6	6.67	0.98 No	0.98 Unintentional Islanding
SLP322	473	'43834576_/6037324'		2.1	3.33	3.33	1.6	1.2	3.33	0.49 No	0.49 Unintentional Islanding
SLP322	474	'7429373_/7429370'		2	3.33	3.33	1.6	0.8	3.33	0.49 No	0.49 Unintentional Islanding
SLP322	475	'589768716_/621378929_1'		6.1	10	10	4.792	3.9	10	1.46 No	1.46 Unintentional Islanding
SLP322	476	'8064494_/621378929_2'		6.1	10	10	4.792	3.9	10	1.46 No	1.46 Unintentional Islanding
SLP322	477	'7429285_/589768760'		6	10	10	4.792	3.9	10	1.45 No	1.45 Unintentional Islanding
SLP322	478	'8064050_/8064047'		5.9	10	10	4.792	3.9	10	1.45 No	1.45 Unintentional Islanding
SLP322	479	'8379283_/8379280'		5.9	10	10	4.792	3.9	10	1.45 No	1.45 Unintentional Islanding
SLP322	480	'8379262_/9630993'		5.9	10	10	4.792	3.9	10	1.45 No	1.45 Unintentional Islanding
SLP322	481	'8688272_/9321850'		1.93	3.33	3.33	1.6	0.8	3.33	0.49 No	0.49 Unintentional Islanding
SLP322	482	'8379263_/8379260'		5.8	10	10	4.792	3.9	10	1.45 No	1.45 Unintentional Islanding
SLP322	483	'8687892_/9630973'		5.8	10	10	4.792	3.9	10	1.45 No	1.45 Unintentional Islanding
SLP322	484	'8380036_/8687890'		5.8	10	10	4.792	3.9	10	1.45 No	1.45 Unintentional Islanding
SLP322	485	'7429340_/8688270'		1.87	3.33	3.33	1.6	0.8	3.33	0.49 No	0.49 Unintentional Islanding
SLP322	486	'8380037_/8380034'		5.5	10	10	4.792	3.9	10	1.45 No	1.45 Unintentional Islanding
SLP322	487	'7429324_/7429338'		1.77	3.33	3.33	1.6	0.8	3.33	0.49 No	0.49 Unintentional Islanding
SLP322	488	'603940661_/8993267_1'		5.4	10	10	4.792	3.8	10	1.45 No	1.45 Unintentional Islanding
SLP322	489	'7429325_/7429322'		1.77	3.33	3.33	1.6	0.8	3.33	0.49 No	0.49 Unintentional Islanding
SLP322	490	'8379677_/8379674'		1.73	3.33	3.33	1.6	0.8	3.33	0.49 No	0.49 Unintentional Islanding
SLP322	491	'8379693_/8379690'		1.63	3.33	3.33	1.6	0.8	3.33	0.49 No	0.49 Unintentional Islanding
SLP322	492	'7739581_/8688254'		1.6	3.33	3.33	1.6	0.8	3.33	0.48 No	0.48 Unintentional Islanding
SLP322	493	'621378958_/621378988'		1.67	3.33	3.33	1.6	1.3	3.33	0.45 No	0.45 Unintentional Islanding
SLP322	494	'7739582_/7739579'		1.53	3.33	3.33	1.6	0.8	3.33	0.48 No	0.48 Unintentional Islanding
SLP322	495	'8379725_/8379722'		1.5	3.33	3.33	1.6	0.8	3.33	0.48 No	0.48 Unintentional Islanding
SLP322	496	'8064145_/8379336'		1.13	3.13	6.67	3.2	0.4	4.07	0.77 No	0.4 Element Fault
SLP322	497	'7428954_/7428952_1'		1.7	4.7	10	4.792	0.6	6.08	1.16 No	0.6 Element Fault
SLP322	498	'7428955_/7428952_2'		1.7	4.7	10	4.792	0.6	6.07	1.16 No	0.6 Element Fault

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SLP322	499	'483076582_/483076552_1'	0.6	1.6	3.33	1.6	0.6	1.94	0.39 No	0.39	Unintentional Islanding
SLP322	500	'6039594_/483076552_2'	0.57	1.6	3.33	1.6	0.6	1.93	0.39 No	0.39	Unintentional Islanding
SLP322	501	'483076593_/6039621_2'	0.57	1.6	3.33	1.6	0.6	1.92	0.39 No	0.39	Unintentional Islanding
SLP322	502	'603940103_/6039638_1'	0.57	1.57	3.33	1.6	0.6	1.91	0.39 No	0.39	Unintentional Islanding
SLP322	503	'6039581_/6039578_2'	0.57	1.53	3.33	1.6	0.6	1.89	0.39 No	0.39	Unintentional Islanding
SLP322	504	'37945849_/37945860'	0.53	1.47	3.33	1.6	0.2	1.84	0.39 No	0.2	Element Fault
SLP322	505	'37945848_/37945846'	0.53	1.47	3.33	1.6	0.2	1.84	0.39 No	0.2	Element Fault
SLP322	506	'37945877_/37945881'	0.53	1.47	3.33	1.6	0.2	1.84	0.39 No	0.2	Element Fault
SLP322	507	'37945891_/37945867'	0.53	1.47	3.33	1.6	0.2	1.84	0.39 No	0.2	Element Fault
SLP322	508	'37945856_/9631053'	0.53	1.47	3.33	1.6	0.2	1.84	0.39 No	0.2	Element Fault
SLP322	509	'8064146_/8064143'	1.6	4.3	10	4.792	0.6	5.57	1.16 No	0.6	Element Fault
SLP322	510	'154055813_/154055845'	0.53	1.43	3.33	1.6	0.2	1.82	0.39 No	0.2	Element Fault
SLP322	511	'6039555_/6039578_1'	0.53	1.43	3.33	1.6	0.4	1.79	0.39 No	0.39	Unintentional Islanding
SLP322	512	'9001011_/9320990_2'	0.53	1.4	3.33	1.6	0.4	1.78	0.39 No	0.39	Unintentional Islanding
SLP322	513	'8687932_/9320990_1'	0.5	1.37	3.33	1.6	0.3	1.74	0.39 No	0.3	Element Fault
SLP322	514	'7429618_/154055785'	0.5	1.37	3.33	1.6	0.2	1.74	0.39 No	0.2	Element Fault
SLP322	515	'6039554_/6039552'	0.5	1.33	3.33	1.6	0.4	1.71	0.39 No	0.39	Unintentional Islanding
SLP322	516	'7428939_/7428936'	0.5	1.3	3.33	1.6	0.3	1.7	0.39 No	0.3	Element Fault
SLP322	517	'8379302_/8687930'	0.5	1.3	3.33	1.6	0.3	1.69	0.39 No	0.3	Element Fault
SLP322	518	'9321400_/9631269'	0.47	1.27	3.33	1.6	0.3	1.66	0.39 No	0.3	Element Fault
SLP322	519	'7429198_/7429616'	0.47	1.23	3.33	1.6	0.2	1.62	0.39 No	0.2	Element Fault
SLP322	520	'603941118_/511198929_1'	1.4	3.8	10	4.792	1.4	4.61	1.16 No	1.16	Unintentional Islanding
SLP322	521	'7429199_/7429196'	0.43	1.17	3.33	1.6	0.2	1.59	0.39 No	0.2	Element Fault
SLP322	522	'603941102_/511198929_2'	1.4	3.7	10	4.792	1.4	4.59	1.16 No	1.16	Unintentional Islanding
SLP322	523	'603941152_/8688582_1'	1.4	3.7	10	4.792	1.4	4.59	1.16 No	1.16	Unintentional Islanding
SLP322	524	'8688717_/8688714'	0.43	1.17	3.33	1.6	0.2	1.56	0.39 No	0.2	Element Fault
SLP322	525	'8064385_/9321398'	0.43	1.13	3.33	1.6	0.3	1.53	0.39 No	0.3	Element Fault
SLP322	526	'37950492_/8993397'	0.43	1.13	3.33	1.6	0.2	1.53	0.39 No	0.2	Element Fault
SLP322	527	'471247501_/8064383'	0.43	1.1	3.33	1.6	0.3	1.51	0.39 No	0.3	Element Fault
SLP322	528	'8064386_/471247523'	0.43	1.1	3.33	1.6	0.3	1.5	0.39 No	0.3	Element Fault
SLP322	529	'8379303_/9631069_1'	0.4	1.07	3.33	1.6	0.3	1.45	0.39 No	0.3	Element Fault
SLP322	530	'8687913_/8688582_2'	1.2	3.2	10	4.792	1.4	4.12	1.16 No	1.16	Unintentional Islanding
SLP322	531	'53023064_/53023070'	1.1	2.8	10	4.792	1.4	3.85	1.16 No	1.1	Primary Over-Voltage
SLP322	532	'7739205_/53023116'	1.1	2.8	10	4.792	1.4	3.83	1.16 No	1.1	Primary Over-Voltage
SLP322	533	'6042092_/6048541_1'	0.8	2.1	10	4.792	0.7	2.62	1.16 No	0.7	Element Fault
SLP322	534	'530983350_/6048541_2'	0.8	2.1	10	4.792	0.7	2.58	1.16 No	0.7	Element Fault
SLP322	535	'50787725_/6048541_3'	0.8	2.1	10	4.792	0.7	2.58	1.16 No	0.7	Element Fault
SLP322	536	'6048544_/7429212_2'	0.8	2.1	10	4.792	0.7	2.57	1.16 No	0.7	Element Fault
SLP322	537	'7429215_/7429212_1'	0.7	2	10	4.792	0.7	2.5	1.16 No	0.7	Primary Over-Voltage
SLP322	538	'483076428_/483076411_1'	0.2	0.7	3.33	1.6	0.2	0.79	0.39 No	0.2	Primary Over-Voltage
SLP322	539	'418606038_/483076447_1'	0.23	0.7	3.33	1.6	0.1	0.79	0.39 No	0.1	Element Fault
SLP322	540	'418606077_/483076411_2'	0.2	0.7	3.33	1.6	0.2	0.79	0.39 No	0.2	Primary Over-Voltage
SLP322	541	'7428974_/8379368'	0.7	1.9	10	4.792	0.7	2.42	1.16 No	0.7	Primary Over-Voltage
SLP322	542	'7428975_/7428972'	0.7	1.8	10	4.792	0.7	2.4	1.16 No	0.7	Primary Over-Voltage
SLP322	543	'6049362_/50739556'	0.33	1.07	6.67	3.2	0.4	1.36	0.77 No	0.33	Primary Over-Voltage
SLP322	544	'9001327_/9001343_2'	0.33	1.07	6.67	3.2	0.4	1.36	0.77 No	0.33	Primary Over-Voltage
SLP322	545	'9001345_/9001343_1'	0.33	1	6.67	3.2	0.4	1.35	0.77 No	0.33	Primary Over-Voltage
SLP322	546	'6049543_/6049540'	0.17	0.5	3.33	1.6	0.2	0.67	0.39 No	0.17	Primary Over-Voltage
SLP322	547	'43826884_/7104697'	0.17	0.5	3.33	1.6	0.2	0.66	0.39 No	0.17	Primary Over-Voltage
SLP322	548	'5993481_/5993495'	0.17	0.5	3.33	1.6	0.2	0.65	0.39 No	0.17	Primary Over-Voltage
SLP322	549	'5993482_/5993479'	0.17	0.5	3.33	1.6	0.2	0.64	0.39 No	0.17	Primary Over-Voltage
SLP322	550	'49934271_/603723412_2'	0.5	1.4	10	4.792	1.2	1.77	1.16 No	0.5	Primary Over-Voltage
SLP322	551	'6058986_/6058983_1'	0.5	1.5	10	4.792	0.5	1.77	1.16 No	0.5	Primary Over-Voltage
SLP322	552	'603723414_/603723412_1'	0.5	1.4	10	4.792	0.6	1.77	1.16 No	0.5	Primary Over-Voltage
SLP322	553	'43836814_/6058983_2'	0.5	1.5	10	4.792	0.5	1.77	1.16 No	0.5	Primary Over-Voltage
SLP322	554	'6058966_/43836816'	0.5	1.4	10	4.792	0.5	1.76	1.16 No	0.5	Primary Over-Voltage
SLP322	555	'49481736_/6057914'	0.5	1.4	10	4.792	0.6	1.76	1.16 No	0.5	Primary Over-Voltage
SLP322	556	'6057843_/43836856'	0.5	1.4	10	4.792	0.6	1.76	1.16 No	0.5	Primary Over-Voltage
SLP322	557	'409532692_/6040121_2'	0.1	0.3	3.33	1.6	0.2	0.37	0.39 No	0.1	Primary Over-Voltage
SLP322	558	'6039539_/409532689'	0.1	0.3	3.33	1.6	0.2	0.37	0.39 No	0.1	Primary Over-Voltage
SLP322	559	'6039538_/6039536'	0.1	0.3	3.33	1.6	0.2	0.37	0.39 No	0.1	Primary Over-Voltage
SLW061	0	'SLW061_/311446379'	10	10	10	0.184	10	10	3.39 Yes	0.184	Thermal Discharging
SLW061	1	'311446281_/311446379'	10	10	10	0.184	10	10	3.39 Yes	0.184	Thermal Discharging
SLW061	2	'350936565_/311446279_1'	10	10	10	0.184	10	10	3.39 Yes	0.184	Thermal Discharging
SLW061	3	'311446282_/311446279_2'	10	10	10	0.184	10	10	3.39 Yes	0.184	Thermal Discharging
SLW061	4	'311446291_/311446288'	10	10	10	0.184	10	10	3.39 Yes	0.184	Thermal Discharging
SLW061	5	'398318112_/398318081_1'	10	10	10	0.184	2.3	10	3.39 Yes	0.184	Thermal Discharging
SLW061	6	'311436828_/311446297'	10	10	10	0.184	10	10	3.39 Yes	0.184	Thermal Discharging
SLW061	7	'311436829_/311436826'	10	10	10	0.184	10	10	3.39 Yes	0.184	Thermal Discharging
SLW061	8	'541376314_/541376297_1'	10	10	10	0.184	1.5	10	3.39 Yes	0.184	Thermal Discharging
SLW061	9	'342091310_/311439261'	9.2	10	10	0.184	10	10	3.39 Yes	0.184	Thermal Discharging
SLW061	10	'311439245_/342091312'	8.7	10	10	0.184	10	10	3.39 Yes	0.184	Thermal Discharging
SLW061	11	'342091270_/311439243'	8.3	10	10	0.184	10	10	3.39 Yes	0.184	Thermal Discharging
SLW061	12	'311446368_/311446366'	2.6	3.33	3.33	0.064	1.5	3.33	1.13 Yes	0.064	Thermal Discharging
SLW061	13	'311439221_/342091272'	8.1	10	10	0.184	10	10	3.39 Yes	0.184	Thermal Discharging
SLW061	14	'342091230_/311439219'	7.9	10	10	0.184	10	10	3.39 Yes	0.184	Thermal Discharging
SLW061	15	'311439197_/342091232'	7.7	10	10	0.184	10	10	3.39 Yes	0.184	Thermal Discharging
SLW061	16	'311436915_/311439195'	7.5	10	10	0.184	10	10	3.39 Yes	0.184	Thermal Discharging
SLW061	17	'311436916_/311436913'	7.1	10	10	0.184	10	10	3.39 Yes	0.184	Thermal Discharging
SLW061	18	'311481390_/311439116_2'	2.37	3.33	3.33	0.064	1.1	3.33	1.13 Yes	0.064	Thermal Discharging
SLW061	19	'311436931_/311436928'	6.9	10	10	0.184	10	10	3.39 Yes	0.184	Thermal Discharging
SLW061	20	'311439112_/311439116_1'	2.27	3.33	3.33	0.064	0.5	3.33	1.13 Yes	0.064	Thermal Discharging
SLW061	21	'311436940_/311436937'	6.7	10	10	0.184	10	10	3.39 Yes	0.184	Thermal Discharging
SLW061	22	'311436949_/311436946'	6.6	10	10	0.184	10	10	3.39 Yes	0.184	Thermal Discharging
SLW061	23	'311436958_/311436955'	6.6	10	10	0.184	10	10	3.39 Yes	0.184	Thermal Discharging
SLW061	24	'311436967_/311436964'	6.5	10	10	0.184	10	10	3.39 Yes	0.184	Thermal Discharging
SLW061	25	'311439111_/311439109'	2.07	3.33	3.33	0.064	0.5	3.33	1.13 Yes	0.064	Thermal Discharging
SLW061	26	'311436976_/311436973'	6.4	10	10	0.184	10	10	3.39 Yes	0.184	Thermal Discharging
SLW061	27	'311436991_/311436988'	6.4	10	10	0.184	10	10	3.39 Yes	0.184	Thermal Discharging
SLW061	28	'311437003_/311437000'	6.3	10	10	0.184	10	10	3.39 Yes	0.184	Thermal Discharging
SLW061	29	'311437012_/311437009'	6.2	10	10	0.184	10	10	3.39 Yes	0.184	Thermal Discharging
SLW061	30	'311437021_/311437018'	6.1	10	10	0.184	10	10	3.39 Yes	0.184	Thermal Discharging
SLW061	31	'350936858_/311449386_1'	6.1	10	10	0.184	1.5	10	3.39 Yes	0.184	Thermal Discharging
SLW061	32	'398318075_/398318081_2'	4.4	10	10	0.184	2.3	10	3.39 Yes	0.184	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SLW061	33	'311450147_/_311450145'		5.9	10	10	0.184	10	10	3.39 Yes	0.184 Thermal Discharging
SLW061	34	'311449388_/_311449386_2'		5.6	10	10	0.184	1.5	10	3.39 Yes	0.184 Thermal Discharging
SLW061	35	'311451444_/_311451450'		5.8	10	10	0.184	10	10	3.39 Yes	0.184 Thermal Discharging
SLW061	36	'541376300_/_541376297_2'		4.2	10	10	0.184	1.5	10	3.39 Yes	0.184 Thermal Discharging
SLW061	37	'311449842_/_311451441'		5.7	10	10	0.184	10	10	3.39 Yes	0.184 Thermal Discharging
SLW061	38	'541376504_/_541376342_1'		4.2	10	10	0.184	1.5	10	3.39 Yes	0.184 Thermal Discharging
SLW061	39	'541376345_/_541376342_2'		4.2	10	10	0.184	1.5	10	3.39 Yes	0.184 Thermal Discharging
SLW061	40	'541376526_/_541376486_1'		4.2	10	10	0.184	1.5	10	3.39 Yes	0.184 Thermal Discharging
SLW061	41	'311451393_/_311451390'		5.7	10	10	0.184	10	10	3.39 Yes	0.184 Thermal Discharging
SLW061	42	'541376489_/_541376486_2'		4.1	10	10	0.184	1.5	10	3.39 Yes	0.184 Thermal Discharging
SLW061	43	'311450138_/_311451405'		5.6	10	10	0.184	10	10	3.39 Yes	0.184 Thermal Discharging
SLW061	44	'311449699_/_311449696'		5.2	10	10	0.184	1.5	10	3.39 Yes	0.184 Thermal Discharging
SLW061	45	'311449749_/_311450136'		5.6	10	10	0.184	10	10	3.39 Yes	0.184 Thermal Discharging
SLW061	46	'311453069_/_311453067'		5.6	10	10	0.184	10	10	3.39 Yes	0.184 Thermal Discharging
SLW061	47	'350936980_/_311449746_1'		3.67	6.67	6.67	0.12	1	6.67	2.26 Yes	0.12 Thermal Discharging
SLW061	48	'311453079_/_311453085'		5.5	10	10	0.184	10	10	3.39 Yes	0.184 Thermal Discharging
SLW061	49	'311449708_/_311449705'		4.9	10	10	0.184	1.5	10	3.39 Yes	0.184 Thermal Discharging
SLW061	50	'311449123_/_311453076'		5.5	10	10	0.184	10	10	3.39 Yes	0.184 Thermal Discharging
SLW061	51	'342455141_/_342455143'		5.4	10	10	0.184	10	10	3.39 Yes	0.184 Thermal Discharging
SLW061	52	'311491666_/_311449120_2'		3.53	6.67	6.67	0.12	2.3	6.67	2.26 Yes	0.12 Thermal Discharging
SLW061	53	'311449400_/_311450121'		5.4	10	10	0.184	10	10	3.39 Yes	0.184 Thermal Discharging
SLW061	54	'311450094_/_311450106'		5.3	10	10	0.184	10	10	3.39 Yes	0.184 Thermal Discharging
SLW061	55	'311450085_/_311450091'		5.2	10	10	0.184	10	10	3.39 Yes	0.184 Thermal Discharging
SLW061	56	'311450070_/_311450082'		5.1	10	10	0.184	10	10	3.39 Yes	0.184 Thermal Discharging
SLW061	57	'311450061_/_311450067'		5	10	10	0.184	10	10	3.39 Yes	0.184 Thermal Discharging
SLW061	58	'311449166_/_311449720'		4.4	10	10	0.184	1.5	10	3.39 Yes	0.184 Thermal Discharging
SLW061	59	'311448979_/_311449746_2'		3.2	6.67	6.67	0.12	1	6.67	2.26 Yes	0.12 Thermal Discharging
SLW061	60	'311450046_/_311450058'		4.9	10	10	0.184	10	10	3.39 Yes	0.184 Thermal Discharging
SLW061	61	'311490559_/_311448977_1'		1.6	3.33	3.33	0.064	0.5	3.33	1.13 Yes	0.064 Thermal Discharging
SLW061	62	'311449165_/_311449163'		4.3	10	10	0.184	1.5	10	3.39 Yes	0.184 Thermal Discharging
SLW061	63	'311449991_/_311450043'		4.8	10	10	0.184	10	10	3.39 Yes	0.184 Thermal Discharging
SLW061	64	'311437141_/_311449187'		4.3	10	10	0.184	1.5	10	3.39 Yes	0.184 Thermal Discharging
SLW061	65	'350937608_/_311449989_1'		4.7	10	10	0.184	1.5	10	3.39 Yes	0.184 Thermal Discharging
SLW061	66	'311451312_/_311451324'		4.7	10	10	0.184	10	10	3.39 Yes	0.184 Thermal Discharging
SLW061	67	'311449401_/_311449398'		4.5	10	10	0.184	4.7	10	3.39 Yes	0.184 Thermal Discharging
SLW061	68	'311449679_/_311449689'		1.47	3.33	3.33	0.064	0.5	3.33	1.13 Yes	0.064 Thermal Discharging
SLW061	69	'311451303_/_311451309'		4.6	10	10	0.184	10	10	3.39 Yes	0.184 Thermal Discharging
SLW061	70	'311451294_/_311451300'		4.5	10	10	0.184	10	10	3.39 Yes	0.184 Thermal Discharging
SLW061	71	'311449843_/_311449840'		2.8	6.67	6.67	0.12	2.3	6.67	2.26 Yes	0.12 Thermal Discharging
SLW061	72	'311441706_/_311451291'		4.4	10	10	0.184	10	10	3.39 Yes	0.184 Thermal Discharging
SLW061	73	'311437132_/_311437138'		4	10	10	0.184	1.5	10	3.39 Yes	0.184 Thermal Discharging
SLW061	74	'311441707_/_311441704'		4.3	10	10	0.184	10	10	3.39 Yes	0.184 Thermal Discharging
SLW061	75	'311449122_/_311449120_1'		2.8	6.67	6.67	0.12	1	6.67	2.26 Yes	0.12 Thermal Discharging
SLW061	76	'311443481_/_311443478'		4.2	10	10	0.184	10	10	3.39 Yes	0.184 Thermal Discharging
SLW061	77	'311449110_/_311449729'		2.67	6.67	6.67	0.12	1	6.67	2.26 Yes	0.12 Thermal Discharging
SLW061	78	'311443459_/_311443487'		4.2	10	10	0.184	10	10	3.39 Yes	0.184 Thermal Discharging
SLW061	79	'311449992_/_311449989_2'		4.1	10	10	0.184	1.5	10	3.39 Yes	0.184 Thermal Discharging
SLW061	80	'311448980_/_311448977_2'		1.33	3.33	3.33	0.064	0.5	3.33	1.13 Yes	0.064 Thermal Discharging
SLW061	81	'311443441_/_311443457'		4.1	10	10	0.184	10	10	3.39 Yes	0.184 Thermal Discharging
SLW061	82	'311449416_/_311449413'		4	10	10	0.184	4.7	10	3.39 Yes	0.184 Thermal Discharging
SLW061	83	'350937494_/_311449438_1'		4	10	10	0.184	0.9	10	3.39 Yes	0.184 Thermal Discharging
SLW061	84	'311437131_/_311437129'		3.8	10	10	0.184	1.5	10	3.39 Yes	0.184 Thermal Discharging
SLW061	85	'311441721_/_311443439'		4	10	10	0.184	10	10	3.39 Yes	0.184 Thermal Discharging
SLW061	86	'311449678_/_311449676'		1.27	3.33	3.33	0.064	0.5	3.33	1.13 Yes	0.064 Thermal Discharging
SLW061	87	'311443400_/_311443406'		3.9	10	10	0.184	10	10	3.39 Yes	0.184 Thermal Discharging
SLW061	88	'311480735_/_311437170_1'		3.8	10	10	0.184	1.5	10	3.39 Yes	0.184 Thermal Discharging
SLW061	89	'311443399_/_311443397'		3.9	10	10	0.184	10	10	3.39 Yes	0.184 Thermal Discharging
SLW061	90	'311449766_/_311449763'		1.27	3.33	3.33	0.064	0.5	3.33	1.13 Yes	0.064 Thermal Discharging
SLW061	91	'311443418_/_311443424'		3.8	10	10	0.184	10	10	3.39 Yes	0.184 Thermal Discharging
SLW061	92	'311450007_/_311450004'		3.8	10	10	0.184	1.5	10	3.39 Yes	0.184 Thermal Discharging
SLW061	93	'311442533_/_311443415'		3.8	10	10	0.184	10	10	3.39 Yes	0.184 Thermal Discharging
SLW061	94	'311441697_/_311442537'		3.8	10	10	0.184	10	9.91	3.39 Yes	0.184 Thermal Discharging
SLW061	95	'311449109_/_311449107'		1.2	3.33	3.33	0.064	0.5	3.33	1.13 Yes	0.064 Thermal Discharging
SLW061	96	'318188264_/_311442530_2'		1.23	3.33	3.33	0.064	1.4	3.3	1.13 Yes	0.064 Thermal Discharging
SLW061	97	'311441698_/_311441695'		3.7	10	10	0.184	10	9.85	3.39 Yes	0.184 Thermal Discharging
SLW061	98	'311449441_/_311449438_2'		3.6	10	10	0.184	0.9	10	3.39 Yes	0.184 Thermal Discharging
SLW061	99	'311442704_/_311442701'		3.7	10	10	0.184	10	9.8	3.39 Yes	0.184 Thermal Discharging
SLW061	100	'311442734_/_311442731'		3.6	10	10	0.184	10	9.74	3.39 Yes	0.184 Thermal Discharging
SLW061	101	'311442772_/_311442788'		3.6	10	10	0.184	10	9.67	3.39 Yes	0.184 Thermal Discharging
SLW061	102	'311449619_/_311450019'		3.5	10	10	0.184	1.5	10	3.39 Yes	0.184 Thermal Discharging
SLW061	103	'342454887_/_311443762'		1.2	3.33	3.33	0.064	1.1	3.26	1.13 Yes	0.064 Thermal Discharging
SLW061	104	'311442773_/_311442770'		3.5	10	10	0.184	10	9.6	3.39 Yes	0.184 Thermal Discharging
SLW061	105	'350937632_/_311450160_1'		3.5	10	10	0.184	0.9	9.98	3.39 Yes	0.184 Thermal Discharging
SLW061	106	'311442800_/_311442797'		3.5	10	10	0.184	10	9.58	3.39 Yes	0.184 Thermal Discharging
SLW061	107	'350937653_/_311449617_1'		1.17	3.33	3.33	0.064	0.3	3.31	1.13 Yes	0.064 Thermal Discharging
SLW061	108	'311441691_/_311442530_1'		1.17	3.33	3.33	0.064	0.5	3.21	1.13 Yes	0.064 Thermal Discharging
SLW061	109	'311442763_/_311442779'		3.5	10	10	0.184	10	9.54	3.39 Yes	0.184 Thermal Discharging
SLW061	110	'311437173_/_311437170_2'		3.3	10	10	0.184	1.5	10	3.39 Yes	0.184 Thermal Discharging
SLW061	111	'311444455_/_311444452'		3.5	10	10	0.184	10	9.53	3.39 Yes	0.184 Thermal Discharging
SLW061	112	'311443180_/_311444461'		3.5	10	10	0.184	10	9.47	3.39 Yes	0.184 Thermal Discharging
SLW061	113	'311441722_/_311441719'		1.17	3.33	3.33	0.064	1.1	3.22	1.13 Yes	0.064 Thermal Discharging
SLW061	114	'311442754_/_311442761'		3.4	10	10	0.184	10	9.44	3.39 Yes	0.184 Thermal Discharging
SLW061	115	'426456063_/_311443178_1'		3.4	10	10	0.184	10	9.4	3.39 Yes	0.184 Thermal Discharging
SLW061	116	'311442755_/_311442752'		3.4	10	10	0.184	10	9.39	3.39 Yes	0.184 Thermal Discharging
SLW061	117	'311443051_/_311443178_2'		3.4	10	10	0.184	10	9.39	3.39 Yes	0.184 Thermal Discharging
SLW061	118	'350938783_/_311453353_1'		2.27	6.67	6.67	0.12	1	6.27	2.26 Yes	0.12 Thermal Discharging
SLW061	119	'311444391_/_311444388'		3.4	10	10	0.184	10	9.34	3.39 Yes	0.184 Thermal Discharging
SLW061	120	'311449857_/_311449854'		2.13	6.67	6.67	0.12	2.3	6.67	2.26 Yes	0.12 Thermal Discharging
SLW061	121	'311439980_/_311443187'		3.4	10	10	0.184	10	9.3	3.39 Yes	0.184 Thermal Discharging
SLW061	122	'350938789_/_311453353_2'		2.2	6.67	6.67	0.12	1	6.22	2.26 Yes	0.12 Thermal Discharging
SLW061	123	'311492296_/_311443049_1'		1.13	3.33	3.33	0.064	0.5	3.11	1.13 Yes	0.064 Thermal Discharging
SLW061	124	'311434903_/_311444397'		3.3	10	10	0.184	10	9.27	3.39 Yes	0.184 Thermal Discharging
SLW061	125	'311439981_/_311439978'		3.3	10	10	0.184	10	9.23	3.39 Yes	0.184 Thermal Discharging
SLW061	126	'350939149_/_311440002_1'		2.2	6.67	6.67	0.12	1	6.16	2.26 Yes	0.12 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SLW061	127	'311434896_/311434901'	3.3	10	10	0.184	10	9.22	3.39	Yes	0.184 Thermal Discharging
SLW061	128	'311449620_/311449617_2'	1.1	3.3	3.33	0.064	0.3	3.21	1.13	Yes	0.064 Thermal Discharging
SLW061	129	'311439996_/311439993'	3.3	10	10	0.184	10	9.16	3.39	Yes	0.184 Thermal Discharging
SLW061	130	'311434949_/311434946'	3.3	10	10	0.184	10	9.16	3.39	Yes	0.184 Thermal Discharging
SLW061	131	'311441690_/311441688'	1.07	3.33	3.33	0.064	0.5	3.1	1.13	Yes	0.064 Thermal Discharging
SLW061	132	'311450162_/311450160_2'	3.2	9.8	10	0.184	0.9	9.6	3.39	Yes	0.184 Thermal Discharging
SLW061	133	'311479038_/311434894_1'	1.1	3.33	3.33	0.064	0.5	3.05	1.13	Yes	0.064 Thermal Discharging
SLW061	134	'342454905_/342454889'	1.1	3.33	3.33	0.064	1.1	3.12	1.13	Yes	0.064 Thermal Discharging
SLW061	135	'311440033_/311440081'	3.2	10	10	0.184	10	9.1	3.39	Yes	0.184 Thermal Discharging
SLW061	136	'311450031_/311450028'	3.2	9.6	10	0.184	1.5	9.57	3.39	Yes	0.184 Thermal Discharging
SLW061	137	'350939211_/311434979_1'	1.1	3.33	3.33	0.064	0.5	3.04	1.13	Yes	0.064 Thermal Discharging
SLW061	138	'311483003_/311440030_2'	3.2	10	10	0.184	10	9.09	3.39	Yes	0.184 Thermal Discharging
SLW061	139	'311434401_/311434955'	3.2	10	10	0.184	10	9.09	3.39	Yes	0.184 Thermal Discharging
SLW061	140	'311440051_/311440048'	3.2	10	10	0.184	10	9.05	3.39	Yes	0.184 Thermal Discharging
SLW061	141	'311434392_/311434399'	3.2	10	10	0.184	10	9.05	3.39	Yes	0.184 Thermal Discharging
SLW061	142	'311443052_/311443049_2'	1.1	3.3	3.33	0.064	0.5	3.04	1.13	Yes	0.064 Thermal Discharging
SLW061	143	'311440032_/311440030_1'	3.2	10	10	0.184	1.5	9.04	3.39	Yes	0.184 Thermal Discharging
SLW061	144	'311434328_/311434390'	3.2	10	10	0.184	10	9	3.39	Yes	0.184 Thermal Discharging
SLW061	145	'311440065_/311441472'	3.2	10	10	0.184	10	8.99	3.39	Yes	0.184 Thermal Discharging
SLW061	146	'429003124_/311440063'	3.2	10	10	0.184	10	8.99	3.39	Yes	0.184 Thermal Discharging
SLW061	147	'311440075_/311440072'	3.1	9.9	10	0.184	10	8.96	3.39	Yes	0.184 Thermal Discharging
SLW061	148	'311434422_/311434420'	3.1	9.9	10	0.184	10	8.94	3.39	Yes	0.184 Thermal Discharging
SLW061	149	'311434369_/311434366'	3.1	9.9	10	0.184	10	8.94	3.39	Yes	0.184 Thermal Discharging
SLW061	150	'350941403_/311434326_1'	3.2	10	10	0.184	1.5	8.95	3.39	Yes	0.184 Thermal Discharging
SLW061	151	'311434889_/311434894_2'	1.07	3.2	3.33	0.064	0.5	2.99	1.13	Yes	0.064 Thermal Discharging
SLW061	152	'311440140_/311440137'	3.1	9.7	10	0.184	10	8.9	3.39	Yes	0.184 Thermal Discharging
SLW061	153	'311434444_/311434442'	3.1	9.8	10	0.184	10	8.88	3.39	Yes	0.184 Thermal Discharging
SLW061	154	'311433996_/311434375'	3.1	9.7	10	0.184	10	8.85	3.39	Yes	0.184 Thermal Discharging
SLW061	155	'311442104_/311453353_3'	2.07	6.2	6.67	0.12	1	6	2.26	Yes	0.12 Thermal Discharging
SLW061	156	'311440149_/311440146'	3.1	9.5	10	0.184	10	8.85	3.39	Yes	0.184 Thermal Discharging
SLW061	157	'311478654_/311434464_2'	3.1	9.6	10	0.184	10	8.82	3.39	Yes	0.184 Thermal Discharging
SLW061	158	'311434466_/311434464_1'	3.1	9.6	10	0.184	1.5	8.81	3.39	Yes	0.184 Thermal Discharging
SLW061	159	'311425930_/311440318'	3	9.4	10	0.184	10	8.77	3.39	Yes	0.184 Thermal Discharging
SLW061	160	'311441968_/311444470'	2	6	6.67	0.12	1	5.94	2.26	Yes	0.12 Thermal Discharging
SLW061	161	'311434527_/311434545'	3	9.4	10	0.184	1.5	8.74	3.39	Yes	0.184 Thermal Discharging
SLW061	162	'311483074_/311440333_1'	3	9.2	10	0.184	1.5	8.74	3.39	Yes	0.184 Thermal Discharging
SLW061	163	'311434526_/311434524'	3	9.4	10	0.184	1.5	8.71	3.39	Yes	0.184 Thermal Discharging
SLW061	164	'311450177_/311450175'	2.9	8.7	10	0.184	0.9	9.25	3.39	Yes	0.184 Thermal Discharging
SLW061	165	'311440005_/311440002_2'	2	6	6.67	0.12	1	5.88	2.26	Yes	0.12 Thermal Discharging
SLW061	166	'311434981_/311434979_2'	1.03	3	3.33	0.064	0.5	2.93	1.13	Yes	0.064 Thermal Discharging
SLW061	167	'311434556_/311434554'	3	9.2	10	0.184	1.5	8.66	3.39	Yes	0.184 Thermal Discharging
SLW061	168	'311434306_/311434326_2'	3	9	10	0.184	1.5	8.75	3.39	Yes	0.184 Thermal Discharging
SLW061	169	'311425931_/311425928'	3	9.1	10	0.184	10	8.65	3.39	Yes	0.184 Thermal Discharging
SLW061	170	'311441763_/311443056'	1	2.9	3.33	0.064	0.5	2.93	1.13	Yes	0.064 Thermal Discharging
SLW061	171	'311440336_/311440333_2'	2.9	8.9	10	0.184	1.5	8.65	3.39	Yes	0.184 Thermal Discharging
SLW061	172	'311434575_/311434573'	3	9.1	10	0.184	1.5	8.59	3.39	Yes	0.184 Thermal Discharging
SLW061	173	'311425989_/311425986'	2.9	8.9	10	0.184	10	8.58	3.39	Yes	0.184 Thermal Discharging
SLW061	174	'311434855_/311434887'	1	2.9	3.33	0.064	0.5	2.91	1.13	Yes	0.064 Thermal Discharging
SLW061	175	'311436697_/311436713'	2.9	8.9	10	0.184	1.5	8.6	3.39	Yes	0.184 Thermal Discharging
SLW061	176	'311434596_/311434594'	2.9	9	10	0.184	1.5	8.55	3.39	Yes	0.184 Thermal Discharging
SLW061	177	'311442513_/311442517'	0.97	2.87	3.33	0.064	0.5	2.94	1.13	Yes	0.064 Thermal Discharging
SLW061	178	'311443700_/342454907'	0.97	2.83	3.33	0.064	1.1	2.97	1.13	Yes	0.064 Thermal Discharging
SLW061	179	'311479283_/311436695_1'	2.9	8.9	10	0.184	1.5	8.57	3.39	Yes	0.184 Thermal Discharging
SLW061	180	'311449546_/311451576'	2.8	8.3	10	0.184	1.5	9.08	3.39	Yes	0.184 Thermal Discharging
SLW061	181	'311425998_/311425995'	2.9	8.7	10	0.184	10	8.51	3.39	Yes	0.184 Thermal Discharging
SLW061	182	'311434129_/311434664'	2.9	8.9	10	0.184	1.5	8.49	3.39	Yes	0.184 Thermal Discharging
SLW061	183	'311449633_/311449630'	0.97	2.77	3.33	0.064	0.3	3.01	1.13	Yes	0.064 Thermal Discharging
SLW061	184	'350937673_/311449544_1'	0.93	2.73	3.33	0.064	0.3	3.01	1.13	Yes	0.064 Thermal Discharging
SLW061	185	'311443842_/311450190'	2.8	8.2	10	0.184	0.9	9.03	3.39	Yes	0.184 Thermal Discharging
SLW061	186	'311426084_/311426081'	2.9	8.6	10	0.184	10	8.44	3.39	Yes	0.184 Thermal Discharging
SLW061	187	'311434634_/311434649'	2.9	8.7	10	0.184	1.5	8.43	3.39	Yes	0.184 Thermal Discharging
SLW061	188	'311479258_/311434126_2'	2.9	8.9	10	0.184	1.5	8.45	3.39	Yes	0.184 Thermal Discharging
SLW061	189	'311426262_/311426259'	2.8	8.4	10	0.184	10	8.38	3.39	Yes	0.184 Thermal Discharging
SLW061	190	'311434291_/311434304'	2.8	8.3	10	0.184	1.5	8.53	3.39	Yes	0.184 Thermal Discharging
SLW061	191	'311434633_/311434631'	2.8	8.6	10	0.184	1.5	8.37	3.39	Yes	0.184 Thermal Discharging
SLW061	192	'311426285_/311426283'	2.8	8.4	10	0.184	10	8.34	3.39	Yes	0.184 Thermal Discharging
SLW061	193	'350937063_/311449862_1'	1.8	5.33	6.67	0.12	0.8	6.08	2.26	Yes	0.12 Thermal Discharging
SLW061	194	'311437637_/311437643'	2.8	8.5	10	0.184	1.5	8.32	3.39	Yes	0.184 Thermal Discharging
SLW061	195	'311442105_/311442102'	1.87	5.4	6.67	0.12	1	5.72	2.26	Yes	0.12 Thermal Discharging
SLW061	196	'311440345_/311440342'	2.8	8.1	10	0.184	1.5	8.42	3.39	Yes	0.184 Thermal Discharging
SLW061	197	'311426310_/311426308'	2.8	8.3	10	0.184	10	8.29	3.39	Yes	0.184 Thermal Discharging
SLW061	198	'311437622_/311437634'	2.8	8.5	10	0.184	1.5	8.28	3.39	Yes	0.184 Thermal Discharging
SLW061	199	'311441960_/311441965'	1.8	5.27	6.67	0.12	1	5.68	2.26	Yes	0.12 Thermal Discharging
SLW061	200	'311449865_/311449862_2'	1.73	5.2	6.67	0.12	0.8	6.03	2.26	Yes	0.12 Thermal Discharging
SLW061	201	'311426328_/311426326'	2.8	8.2	10	0.184	10	8.23	3.39	Yes	0.184 Thermal Discharging
SLW061	202	'311437613_/311437619'	2.8	8.4	10	0.184	1.5	8.23	3.39	Yes	0.184 Thermal Discharging
SLW061	203	'311435006_/311435004'	0.93	2.67	3.33	0.064	0.5	2.81	1.13	Yes	0.064 Thermal Discharging
SLW061	204	'311437604_/311437610'	2.7	8.3	10	0.184	1.5	8.19	3.39	Yes	0.184 Thermal Discharging
SLW061	205	'311426355_/311426353'	2.7	8.1	10	0.184	10	8.18	3.39	Yes	0.184 Thermal Discharging
SLW061	206	'311434848_/311434853'	0.93	2.63	3.33	0.064	0.5	2.8	1.13	Yes	0.064 Thermal Discharging
SLW061	207	'428081697_/311437857_1'	0.9	2.77	3.33	0.064	0.3	2.72	1.13	Yes	0.064 Thermal Discharging
SLW061	208	'311440019_/311440016'	1.8	5.2	6.67	0.12	1	5.58	2.26	Yes	0.12 Thermal Discharging
SLW061	209	'311437589_/311437601'	2.7	8.2	10	0.184	1.5	8.13	3.39	Yes	0.184 Thermal Discharging
SLW061	210	'311449547_/311449544_2'	0.9	2.53	3.33	0.064	0.3	2.91	1.13	Yes	0.064 Thermal Discharging
SLW061	211	'311426365_/311426377'	2.7	8	10	0.184	10	8.12	3.39	Yes	0.184 Thermal Discharging
SLW061	212	'311434282_/311434289'	2.7	7.8	10	0.184	1.5	8.33	3.39	Yes	0.184 Thermal Discharging
SLW061	213	'311443827_/311443839'	2.6	7.6	10	0.184	0.9	8.72	3.39	Yes	0.184 Thermal Discharging
SLW061	214	'311426132_/311426268'	2.7	7.8	10	0.184	4.8	8.17	3.39	Yes	0.184 Thermal Discharging
SLW061	215	'311437580_/311437586'	2.7	8.1	10	0.184	1.5	8.08	3.39	Yes	0.184 Thermal Discharging
SLW061	216	'311441764_/311441761'	0.9	2.57	3.33	0.064	0.5	2.78	1.13	Yes	0.064 Thermal Discharging
SLW061	217	'311443757_/311443769'	0.9	2.53	3.33	0.064	1.1	2.83	1.13	Yes	0.064 Thermal Discharging
SLW061	218	'311443687_/311443697'	0.9	2.53	3.33	0.064	1.1	2.83	1.13	Yes	0.064 Thermal Discharging
SLW061	219	'311449537_/311451591'	2.6	7.4	10	0.184	1.5	8.66	3.39	Yes	0.184 Thermal Discharging
SLW061	220	'311437571_/311437577'	2.7	8	10	0.184	1.5	8.02	3.39	Yes	0.184 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SLW061	221	'311434267_/_311434280'		2.6	7.6	10	0.184	1.5	8.25	3.39 Yes	0.184 Thermal Discharging
SLW061	222	'311441422_/_311441420'		2.6	7.6	10	0.184	4.7	8.11	3.39 Yes	0.184 Thermal Discharging
SLW061	223	'311440360_/_311440357'		2.6	7.6	10	0.184	1.5	8.19	3.39 Yes	0.184 Thermal Discharging
SLW061	224	'447625514_/_427411146_1'		0.9	2.67	3.33	0.064	0.5	2.66	1.13 Yes	0.064 Thermal Discharging
SLW061	225	'311437556_/_311437568'		2.6	7.9	10	0.184	1.5	7.97	3.39 Yes	0.184 Thermal Discharging
SLW061	226	'428081691_/_311437857_2'		0.9	2.6	3.33	0.064	0.3	2.67	1.13 Yes	0.064 Thermal Discharging
SLW061	227	'311437547_/_311437553'		2.6	7.8	10	0.184	1.5	7.93	3.39 Yes	0.184 Thermal Discharging
SLW061	228	'311442454_/_311442510'		0.87	2.47	3.33	0.064	0.5	2.77	1.13 Yes	0.064 Thermal Discharging
SLW061	229	'311437538_/_311437544'		2.6	7.8	10	0.184	1.5	7.88	3.39 Yes	0.184 Thermal Discharging
SLW061	230	'311442134_/_311442131'		1.67	4.87	6.67	0.12	1	5.48	2.26 Yes	0.12 Thermal Discharging
SLW061	231	'311449640_/_311449637'		0.87	2.4	3.33	0.064	0.3	2.83	1.13 Yes	0.064 Thermal Discharging
SLW061	232	'311449560_/_311449557'		0.87	2.4	3.33	0.064	0.3	2.83	1.13 Yes	0.064 Thermal Discharging
SLW061	233	'311437523_/_311437535'		2.6	7.7	10	0.184	1.5	7.82	3.39 Yes	0.184 Thermal Discharging
SLW061	234	'311441952_/_311441957'		1.67	4.8	6.67	0.12	1	5.45	2.26 Yes	0.12 Thermal Discharging
SLW061	235	'311434825_/_311434846'		0.87	2.4	3.33	0.064	0.5	2.7	1.13 Yes	0.064 Thermal Discharging
SLW061	236	'311435031_/_311435029'		0.87	2.4	3.33	0.064	0.5	2.7	1.13 Yes	0.064 Thermal Discharging
SLW061	237	'350938650_/_311442606_1'		0.83	2.4	3.33	0.064	0.3	2.73	1.13 Yes	0.064 Thermal Discharging
SLW061	238	'311434219_/_311434265'		2.5	7.2	10	0.184	1.5	8.07	3.39 Yes	0.184 Thermal Discharging
SLW061	239	'427411144_/_427411146_2'		0.87	2.5	3.33	0.064	0.5	2.61	1.13 Yes	0.064 Thermal Discharging
SLW061	240	'311437514_/_311437520'		2.5	7.6	10	0.184	1.5	7.77	3.39 Yes	0.184 Thermal Discharging
SLW061	241	'311426133_/_311426130'		2.5	7.2	10	0.184	4.8	7.91	3.39 Yes	0.184 Thermal Discharging
SLW061	242	'311440369_/_311440366'		2.5	7.1	10	0.184	1.5	7.98	3.39 Yes	0.184 Thermal Discharging
SLW061	243	'311441735_/_311443824'		2.4	7	10	0.184	0.9	8.39	3.39 Yes	0.184 Thermal Discharging
SLW061	244	'311437505_/_311437511'		2.5	7.5	10	0.184	1.5	7.71	3.39 Yes	0.184 Thermal Discharging
SLW061	245	'311449479_/_311449535'		2.4	6.9	10	0.184	1.5	8.36	3.39 Yes	0.184 Thermal Discharging
SLW061	246	'311437846_/_311437844'		0.87	2.47	3.33	0.064	0.5	2.59	1.13 Yes	0.064 Thermal Discharging
SLW061	247	'311443758_/_311443755'		0.83	2.33	3.33	0.064	1.1	2.72	1.13 Yes	0.064 Thermal Discharging
SLW061	248	'311437490_/_311437502'		2.5	7.4	10	0.184	1.5	7.66	3.39 Yes	0.184 Thermal Discharging
SLW061	249	'350937692_/_311449476_1'		0.8	2.3	3.33	0.064	0.3	2.77	1.13 Yes	0.064 Thermal Discharging
SLW061	250	'311437489_/_311437487'		2.5	7.3	10	0.184	1.5	7.61	3.39 Yes	0.184 Thermal Discharging
SLW061	251	'311434161_/_311436695_2'		2.4	6.9	10	0.184	1.5	7.87	3.39 Yes	0.184 Thermal Discharging
SLW061	252	'311441951_/_311441949'		1.6	4.53	6.67	0.12	1	5.32	2.26 Yes	0.12 Thermal Discharging
SLW061	253	'311434210_/_311434217'		2.4	6.8	10	0.184	1.5	7.88	3.39 Yes	0.184 Thermal Discharging
SLW061	254	'324071864_/_311434159_1'		2.3	6.5	10	0.184	1.5	7.83	3.39 Yes	0.184 Thermal Discharging
SLW061	255	'311443125_/_311443122'		0.8	2.27	3.33	0.064	0.5	2.63	1.13 Yes	0.064 Thermal Discharging
SLW061	256	'311451336_/_311451333'		0.8	2.23	3.33	0.064	0.3	2.72	1.13 Yes	0.064 Thermal Discharging
SLW061	257	'311443868_/_311443865'		2.3	6.7	10	0.184	0.9	8.19	3.39 Yes	0.184 Thermal Discharging
SLW061	258	'311449478_/_311449476_2'		0.8	2.23	3.33	0.064	0.3	2.73	1.13 Yes	0.064 Thermal Discharging
SLW061	259	'311442453_/_311442451'		0.77	2.23	3.33	0.064	0.5	2.64	1.13 Yes	0.064 Thermal Discharging
SLW061	260	'311440378_/_311440375'		2.3	6.7	10	0.184	1.5	7.76	3.39 Yes	0.184 Thermal Discharging
SLW061	261	'311434128_/_311434126_1'		2.4	6.8	10	0.184	1.5	7.72	3.39 Yes	0.184 Thermal Discharging
SLW061	262	'311442148_/_311442145'		1.53	4.4	6.67	0.12	1	5.25	2.26 Yes	0.12 Thermal Discharging
SLW061	263	'311435068_/_311435066'		0.8	2.23	3.33	0.064	0.5	2.6	1.13 Yes	0.064 Thermal Discharging
SLW061	264	'311425649_/_311426156'		2.3	6.6	10	0.184	4.8	7.65	3.39 Yes	0.184 Thermal Discharging
SLW061	265	'311434182_/_311434208'		2.3	6.6	10	0.184	1.5	7.76	3.39 Yes	0.184 Thermal Discharging
SLW061	266	'311434826_/_311434823'		0.8	2.2	3.33	0.064	0.5	2.59	1.13 Yes	0.064 Thermal Discharging
SLW061	267	'311449567_/_311449564'		0.77	2.17	3.33	0.064	0.3	2.69	1.13 Yes	0.064 Thermal Discharging
SLW061	268	'311443680_/_311443684'		0.8	2.2	3.33	0.064	1.1	2.64	1.13 Yes	0.064 Thermal Discharging
SLW061	269	'311449290_/_311449959'		2.3	6.5	10	0.184	1.5	8.06	3.39 Yes	0.184 Thermal Discharging
SLW061	270	'311442596_/_311442606_2'		0.77	2.17	3.33	0.064	0.3	2.61	1.13 Yes	0.064 Thermal Discharging
SLW061	271	'311425861_/_311434180'		2.3	6.6	10	0.184	1.5	7.71	3.39 Yes	0.184 Thermal Discharging
SLW061	272	'311434146_/_311434144'		2.3	6.6	10	0.184	1.5	7.62	3.39 Yes	0.184 Thermal Discharging
SLW061	273	'311478291_/_311478301'		2.3	6.6	10	0.184	1.5	7.62	3.39 Yes	0.184 Thermal Discharging
SLW061	274	'311434113_/_311478295'		2.3	6.6	10	0.184	1.5	7.62	3.39 Yes	0.184 Thermal Discharging
SLW061	275	'311434162_/_311478289'		2.3	6.6	10	0.184	1.5	7.62	3.39 Yes	0.184 Thermal Discharging
SLW061	276	'311478310_/_311478307'		2.3	6.6	10	0.184	1.5	7.62	3.39 Yes	0.184 Thermal Discharging
SLW061	277	'311441734_/_311441732'		0.77	2.1	3.33	0.064	0.3	2.65	1.13 Yes	0.064 Thermal Discharging
SLW061	278	'311443883_/_311443880'		2.2	6.3	10	0.184	0.9	7.94	3.39 Yes	0.184 Thermal Discharging
SLW061	279	'311449665_/_311451340'		0.77	2.1	3.33	0.064	0.3	2.62	1.13 Yes	0.064 Thermal Discharging
SLW061	280	'311425650_/_311425647'		2.3	6.3	10	0.184	4.8	7.48	3.39 Yes	0.184 Thermal Discharging
SLW061	281	'311443132_/_311443129'		0.77	2.1	3.33	0.064	0.5	2.53	1.13 Yes	0.064 Thermal Discharging
SLW061	282	'311440387_/_311440384'		2.2	6.3	10	0.184	1.5	7.53	3.39 Yes	0.184 Thermal Discharging
SLW061	283	'311449922_/_311449974'		2.2	6.2	10	0.184	1.5	7.87	3.39 Yes	0.184 Thermal Discharging
SLW061	284	'311434784_/_311434830'		0.77	2.07	3.33	0.064	0.5	2.5	1.13 Yes	0.064 Thermal Discharging
SLW061	285	'311425862_/_311425859'		2.2	6.2	10	0.184	1.5	7.51	3.39 Yes	0.184 Thermal Discharging
SLW061	286	'350937747_/_311449935_1'		0.73	2.03	3.33	0.064	0.5	2.6	1.13 Yes	0.064 Thermal Discharging
SLW061	287	'311426183_/_311426193'		0.77	2.07	3.33	0.064	1.5	2.45	1.13 Yes	0.064 Thermal Discharging
SLW061	288	'311451084_/_311451081'		0.73	2.03	3.33	0.064	0.5	2.52	1.13 Yes	0.064 Thermal Discharging
SLW061	289	'311449485_/_311449483'		0.73	2.03	3.33	0.064	0.3	2.58	1.13 Yes	0.064 Thermal Discharging
SLW061	290	'311439529_/_311440665'		2.2	6.1	10	0.184	4.8	7.36	3.39 Yes	0.184 Thermal Discharging
SLW061	291	'311449289_/_311449287'		0.7	2.03	3.33	0.064	0.5	2.58	1.13 Yes	0.064 Thermal Discharging
SLW061	292	'311443679_/_311443677'		0.73	2.03	3.33	0.064	1.1	2.53	1.13 Yes	0.064 Thermal Discharging
SLW061	293	'311440531_/_311440528'		2.1	6.1	10	0.184	1.5	7.4	3.39 Yes	0.184 Thermal Discharging
SLW061	294	'311449652_/_311449663'		0.73	2.03	3.33	0.064	0.3	2.55	1.13 Yes	0.064 Thermal Discharging
SLW061	295	'311448992_/_311451472'		1.4	4.07	6.67	0.12	0.8	5.25	2.26 Yes	0.12 Thermal Discharging
SLW061	296	'311442589_/_311442593'		0.7	2	3.33	0.064	0.3	2.5	1.13 Yes	0.064 Thermal Discharging
SLW061	297	'402059012_/_396603506_2'		0.7	2	3.33	0.064	0.5	2.45	1.13 Yes	0.064 Thermal Discharging
SLW061	298	'311449580_/_311449577'		0.73	2	3.33	0.064	0.3	2.56	1.13 Yes	0.064 Thermal Discharging
SLW061	299	'433041221_/_401466005'		2.1	6	10	0.184	4.8	7.28	3.39 Yes	0.184 Thermal Discharging
SLW061	300	'311449923_/_311449920'		2.1	6	10	0.184	1.5	7.69	3.39 Yes	0.184 Thermal Discharging
SLW061	301	'311440596_/_311440593'		1.4	4	6.67	0.12	1	4.89	2.26 Yes	0.12 Thermal Discharging
SLW061	302	'311444095_/_311444092'		2.1	5.9	10	0.184	0.9	7.65	3.39 Yes	0.184 Thermal Discharging
SLW061	303	'311425871_/_311425868'		2.1	5.9	10	0.184	1.5	7.33	3.39 Yes	0.184 Thermal Discharging
SLW061	304	'311441741_/_311441739'		0.7	1.93	3.33	0.064	0.3	2.52	1.13 Yes	0.064 Thermal Discharging
SLW061	305	'311449459_/_311449463'		0.7	1.93	3.33	0.064	0.5	2.51	1.13 Yes	0.064 Thermal Discharging
SLW061	306	'311440677_/_311440674'		2.1	5.8	10	0.184	4.8	7.17	3.39 Yes	0.184 Thermal Discharging
SLW061	307	'311451097_/_311451094'		0.7	1.93	3.33	0.064	0.5	2.44	1.13 Yes	0.064 Thermal Discharging
SLW061	308	'311444060_/_311444067'		0.7	1.93	3.33	0.064	0.3	2.51	1.13 Yes	0.064 Thermal Discharging
SLW061	309	'311439521_/_311439526'		1.4	3.87	6.67	0.12	2.3	4.76	2.26 Yes	0.12 Thermal Discharging
SLW061	310	'311434762_/_311434782'		0.7	1.93	3.33	0.064	0.5	2.41	1.13 Yes	0.064 Thermal Discharging
SLW061	311	'585418156_/_537064992_2'		2.1	5.8	10	0.184	4.8	7.13	3.39 Yes	0.184 Thermal Discharging
SLW061	312	'396603508_/_396603506_1'		0.7	1.93	3.33	0.064	0.3	2.39	1.13 Yes	0.064 Thermal Discharging
SLW061	313	'311423551_/_433041197'		2.1	5.7	10	0.184	4.8	7.09	3.39 Yes	0.184 Thermal Discharging
SLW061	314	'311425643_/_311426180'		0.7	1.9	3.33	0.064	1.5	2.35	1.13 Yes	0.064 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SLW061	315	'311440610_/_311440607'	1.33	3.8	6.67	0.12	1	4.75	2.26	Yes	0.12 Thermal Discharging
SLW061	316	'311441754_/_311441407'	2	5.7	10	0.184	0.9	7.45	3.39	Yes	0.184 Thermal Discharging
SLW061	317	'311449217_/_311449456'	0.67	1.9	3.33	0.064	0.5	2.47	1.13	Yes	0.064 Thermal Discharging
SLW061	318	'433041318_/_311423548_2'	1.33	3.8	6.67	0.12	3.1	4.71	2.26	Yes	0.12 Thermal Discharging
SLW061	319	'311442582_/_311442586'	0.67	1.9	3.33	0.064	0.3	2.41	1.13	Yes	0.064 Thermal Discharging
SLW061	320	'311425661_/_311425892'	2	5.7	10	0.184	1.5	7.15	3.39	Yes	0.184 Thermal Discharging
SLW061	321	'311449498_/_311449496'	0.67	1.87	3.33	0.064	0.3	2.45	1.13	Yes	0.064 Thermal Discharging
SLW061	322	'433041350_/_311439482_2'	0.67	1.87	3.33	0.064	1.1	2.34	1.13	Yes	0.064 Thermal Discharging
SLW061	323	'350937789_/_311449215_1'	0.67	1.87	3.33	0.064	0.5	2.45	1.13	Yes	0.064 Thermal Discharging
SLW061	324	'311440540_/_311440537'	2	5.6	10	0.184	1.5	7.08	3.39	Yes	0.184 Thermal Discharging
SLW061	325	'350941435_/_311425659_1'	2	5.7	10	0.184	1.5	7.12	3.39	Yes	0.184 Thermal Discharging
SLW061	326	'350937770_/_311449275_1'	0.67	1.87	3.33	0.064	0.5	2.45	1.13	Yes	0.064 Thermal Discharging
SLW061	327	'311449937_/_311449935_2'	0.67	1.83	3.33	0.064	0.5	2.45	1.13	Yes	0.064 Thermal Discharging
SLW061	328	'311448991_/_311448989'	1.27	3.73	6.67	0.12	0.8	4.97	2.26	Yes	0.12 Thermal Discharging
SLW061	329	'311439413_/_311440689'	2	5.5	10	0.184	4.8	6.98	3.39	Yes	0.184 Thermal Discharging
SLW061	330	'311449593_/_311449590'	0.67	1.83	3.33	0.064	0.3	2.44	1.13	Yes	0.064 Thermal Discharging
SLW061	331	'311483415_/_311439410_2'	2	5.5	10	0.184	4.4	6.95	3.39	Yes	0.184 Thermal Discharging
SLW061	332	'311425734_/_311425731'	0.67	1.83	3.33	0.064	1.1	2.3	1.13	Yes	0.064 Thermal Discharging
SLW061	333	'311449653_/_311449650'	0.67	1.83	3.33	0.064	0.3	2.39	1.13	Yes	0.064 Thermal Discharging
SLW061	334	'311441531_/_311441752'	1.9	5.4	10	0.184	0.9	7.26	3.39	Yes	0.184 Thermal Discharging
SLW061	335	'311425886_/_311425883'	1.9	5.5	10	0.184	1.5	7	3.39	Yes	0.184 Thermal Discharging
SLW061	336	'311434746_/_311434760'	0.67	1.83	3.33	0.064	0.5	2.32	1.13	Yes	0.064 Thermal Discharging
SLW061	337	'311425662_/_311425659_2'	1.9	5.4	10	0.184	1.5	6.99	3.39	Yes	0.184 Thermal Discharging
SLW061	338	'537064976_/_537064992_1'	1.9	5.4	10	0.184	0.9	6.89	3.39	Yes	0.184 Thermal Discharging
SLW061	339	'311439520_/_311439518'	1.27	3.6	6.67	0.12	2.3	4.59	2.26	Yes	0.12 Thermal Discharging
SLW061	340	'311423543_/_311423548_1'	1.27	3.6	6.67	0.12	0.6	4.58	2.26	Yes	0.12 Thermal Discharging
SLW061	341	'311449218_/_311449215_2'	0.63	1.8	3.33	0.064	0.5	2.39	1.13	Yes	0.064 Thermal Discharging
SLW061	342	'350938205_/_311444143_1'	1.9	5.4	10	0.184	0.9	7.2	3.39	Yes	0.184 Thermal Discharging
SLW061	343	'311444059_/_311444057'	0.63	1.77	3.33	0.064	0.3	2.39	1.13	Yes	0.064 Thermal Discharging
SLW061	344	'433040975_/_433040958'	1.9	5.3	10	0.184	4.8	6.82	3.39	Yes	0.184 Thermal Discharging
SLW061	345	'311425642_/_311425640'	0.67	1.77	3.33	0.064	1.1	2.25	1.13	Yes	0.064 Thermal Discharging
SLW061	346	'396603525_/_396603522'	0.67	1.77	3.33	0.064	0.3	2.28	1.13	Yes	0.064 Thermal Discharging
SLW061	347	'311451104_/_311451101'	0.63	1.77	3.33	0.064	0.5	2.32	1.13	Yes	0.064 Thermal Discharging
SLW061	348	'311440701_/_311440698'	1.9	5.3	10	0.184	4.7	6.78	3.39	Yes	0.184 Thermal Discharging
SLW061	349	'311441684_/_311442579'	0.63	1.77	3.33	0.064	0.3	2.31	1.13	Yes	0.064 Thermal Discharging
SLW061	350	'311439478_/_311439482_1'	0.63	1.77	3.33	0.064	0.3	2.26	1.13	Yes	0.064 Thermal Discharging
SLW061	351	'311439412_/_311439410_1'	1.9	5.3	10	0.184	2.3	6.78	3.39	Yes	0.184 Thermal Discharging
SLW061	352	'311441532_/_311441529'	0.63	1.73	3.33	0.064	0.3	2.36	1.13	Yes	0.064 Thermal Discharging
SLW061	353	'311449512_/_311449522'	0.63	1.77	3.33	0.064	0.3	2.33	1.13	Yes	0.064 Thermal Discharging
SLW061	354	'311449879_/_311449876'	1.2	3.53	6.67	0.12	0.8	4.78	2.26	Yes	0.12 Thermal Discharging
SLW061	355	'311423542_/_311423540'	1.2	3.4	6.67	0.12	0.6	4.43	2.26	Yes	0.12 Thermal Discharging
SLW061	356	'311449241_/_311449275_2'	0.6	1.7	3.33	0.064	0.5	2.31	1.13	Yes	0.064 Thermal Discharging
SLW061	357	'311449950_/_311449947'	0.6	1.7	3.33	0.064	0.5	2.32	1.13	Yes	0.064 Thermal Discharging
SLW061	358	'311449600_/_311449597'	0.6	1.7	3.33	0.064	0.3	2.31	1.13	Yes	0.064 Thermal Discharging
SLW061	359	'311451379_/_311451377'	0.6	1.7	3.33	0.064	0.3	2.31	1.13	Yes	0.064 Thermal Discharging
SLW061	360	'311440710_/_311440707'	1.8	5.1	10	0.184	4.7	6.61	3.39	Yes	0.184 Thermal Discharging
SLW061	361	'311434709_/_311434744'	0.63	1.7	3.33	0.064	0.5	2.22	1.13	Yes	0.064 Thermal Discharging
SLW061	362	'311444146_/_311444143_2'	1.8	5	10	0.184	0.9	6.91	3.39	Yes	0.184 Thermal Discharging
SLW061	363	'433040976_/_433040973'	1.8	5	10	0.184	4.8	6.57	3.39	Yes	0.184 Thermal Discharging
SLW061	364	'311441788_/_311444412'	0.6	1.67	3.33	0.064	0.3	2.28	1.13	Yes	0.064 Thermal Discharging
SLW061	365	'311483198_/_311440784_1'	1.8	5.1	10	0.184	0.9	6.57	3.39	Yes	0.184 Thermal Discharging
SLW061	366	'311441188_/_311441185'	1.8	5	10	0.184	4.7	6.56	3.39	Yes	0.184 Thermal Discharging
SLW061	367	'311451116_/_311451188'	0.6	1.67	3.33	0.064	0.5	2.23	1.13	Yes	0.064 Thermal Discharging
SLW061	368	'311439477_/_311439475'	0.6	1.67	3.33	0.064	0.3	2.17	1.13	Yes	0.064 Thermal Discharging
SLW061	369	'311441683_/_311441681'	0.6	1.67	3.33	0.064	0.3	2.22	1.13	Yes	0.064 Thermal Discharging
SLW061	370	'311449511_/_311449509'	0.6	1.67	3.33	0.064	0.3	2.23	1.13	Yes	0.064 Thermal Discharging
SLW061	371	'311449613_/_311449610'	0.6	1.63	3.33	0.064	0.3	2.25	1.13	Yes	0.064 Thermal Discharging
SLW061	372	'433041068_/_433041065'	1.8	4.8	10	0.184	4.7	6.44	3.39	Yes	0.184 Thermal Discharging
SLW061	373	'311444422_/_311444419'	0.6	1.63	3.33	0.064	0.3	2.23	1.13	Yes	0.064 Thermal Discharging
SLW061	374	'311434687_/_311434707'	0.6	1.6	3.33	0.064	0.5	2.15	1.13	Yes	0.064 Thermal Discharging
SLW061	375	'311440787_/_311440784_2'	1.7	4.8	10	0.184	0.9	6.4	3.39	Yes	0.184 Thermal Discharging
SLW061	376	'311423621_/_433041001'	1.7	4.8	10	0.184	4.8	6.39	3.39	Yes	0.184 Thermal Discharging
SLW061	377	'311449893_/_311449890'	1.07	3.2	6.67	0.12	0.8	4.46	2.26	Yes	0.12 Thermal Discharging
SLW061	378	'311441789_/_311441786'	0.57	1.57	3.33	0.064	0.3	2.19	1.13	Yes	0.064 Thermal Discharging
SLW061	379	'350938237_/_311444253_1'	0.57	1.57	3.33	0.064	0.2	2.18	1.13	Yes	0.064 Thermal Discharging
SLW061	380	'311449254_/_311449263'	0.57	1.57	3.33	0.064	0.5	2.18	1.13	Yes	0.064 Thermal Discharging
SLW061	381	'311450537_/_311450534'	0.57	1.57	3.33	0.064	0.3	2.14	1.13	Yes	0.064 Thermal Discharging
SLW061	382	'433041288_/_311423619_1'	1.13	3.07	6.67	0.12	0.6	4.19	2.26	Yes	0.12 Thermal Discharging
SLW061	383	'311451117_/_311451114'	0.53	1.53	3.33	0.064	0.5	2.11	1.13	Yes	0.064 Thermal Discharging
SLW061	384	'311434688_/_311434685'	0.57	1.53	3.33	0.064	0.5	2.09	1.13	Yes	0.064 Thermal Discharging
SLW061	385	'311441197_/_311441194'	1.7	4.6	10	0.184	4.7	6.21	3.39	Yes	0.184 Thermal Discharging
SLW061	386	'311440881_/_311440878'	0.53	1.5	3.33	0.064	0.3	2.06	1.13	Yes	0.064 Thermal Discharging
SLW061	387	'311450565_/_311450562'	0.53	1.5	3.33	0.064	0.3	2.07	1.13	Yes	0.064 Thermal Discharging
SLW061	388	'311444256_/_311444253_2'	0.53	1.47	3.33	0.064	0.2	2.09	1.13	Yes	0.064 Thermal Discharging
SLW061	389	'311437203_/_311437200'	0.53	1.47	3.33	0.064	0.5	2.03	1.13	Yes	0.064 Thermal Discharging
SLW061	390	'311451130_/_311451127'	0.53	1.47	3.33	0.064	0.5	2.04	1.13	Yes	0.064 Thermal Discharging
SLW061	391	'311423607_/_311423619_2'	1.07	2.87	6.67	0.12	0.6	4.01	2.26	Yes	0.12 Thermal Discharging
SLW061	392	'311450587_/_311450598'	0.5	1.47	3.33	0.064	0.3	2.03	1.13	Yes	0.064 Thermal Discharging
SLW061	393	'311440894_/_311440891'	0.53	1.43	3.33	0.064	0.3	1.99	1.13	Yes	0.064 Thermal Discharging
SLW061	394	'311449230_/_311449251'	0.5	1.43	3.33	0.064	0.5	2.05	1.13	Yes	0.064 Thermal Discharging
SLW061	395	'311483255_/_311440904_1'	0.5	1.43	3.33	0.064	0.2	1.98	1.13	Yes	0.064 Thermal Discharging
SLW061	396	'311441212_/_311441209'	1.5	4.3	10	0.184	4.7	5.92	3.39	Yes	0.184 Thermal Discharging
SLW061	397	'311492210_/_311441236_1'	1.5	4.3	10	0.184	1.5	5.92	3.39	Yes	0.184 Thermal Discharging
SLW061	398	'311439641_/_311441481'	1.5	4.2	10	0.184	4.7	5.88	3.39	Yes	0.184 Thermal Discharging
SLW061	399	'311449229_/_311449239'	0.5	1.4	3.33	0.064	0.5	2.02	1.13	Yes	0.064 Thermal Discharging
SLW061	400	'311437210_/_311437207'	0.53	1.4	3.33	0.064	0.5	1.97	1.13	Yes	0.064 Thermal Discharging
SLW061	401	'311450588_/_311450585'	0.5	1.4	3.33	0.064	0.3	1.98	1.13	Yes	0.064 Thermal Discharging
SLW061	402	'311449901_/_311449898'	0.93	2.8	6.67	0.12	0.8	4.07	2.26	Yes	0.12 Thermal Discharging
SLW061	403	'311441239_/_311441236_2'	1.5	4.1	10	0.184	1.5	5.79	3.39	Yes	0.184 Thermal Discharging
SLW061	404	'311440907_/_311440904_2'	0.5	1.37	3.33	0.064	0.2	1.91	1.13	Yes	0.064 Thermal Discharging
SLW061	405	'311439626_/_311439638'	1.5	4	10	0.184	4.7	5.7	3.39	Yes	0.184 Thermal Discharging
SLW061	406	'311437223_/_311437220'	0.5	1.37	3.33	0.064	0.5	1.9	1.13	Yes	0.064 Thermal Discharging
SLW061	407	'311492448_/_311449227_1'	0.47	1.33	3.33	0.064	0.5	1.93	1.13	Yes	0.064 Thermal Discharging
SLW061	408	'311439334_/_311441497'	0.93	2.6	6.67	0.12	3.1	3.72	2.26	Yes	0.12 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SLW061	409	'311492232_/311441261_2'		0.47	1.3	3.33	0.064	1.1	1.85	1.13 Yes	0.064 Thermal Discharging
SLW061	410	'311437230_/311437227'		0.47	1.3	3.33	0.064	0.5	1.86	1.13 Yes	0.064 Thermal Discharging
SLW061	411	'311439617_/311439623'		1.4	3.9	10	0.184	4.7	5.55	3.39 Yes	0.184 Thermal Discharging
SLW061	412	'311439315_/311439331'		0.93	2.6	6.67	0.12	3.1	3.68	2.26 Yes	0.12 Thermal Discharging
SLW061	413	'311440983_/311440980'		0.47	1.3	3.33	0.064	0.2	1.83	1.13 Yes	0.064 Thermal Discharging
SLW061	414	'311423608_/311423605'		0.93	2.53	6.67	0.12	0.6	3.68	2.26 Yes	0.12 Thermal Discharging
SLW061	415	'311445176_/311449912'		0.87	2.6	6.67	0.12	0.8	3.82	2.26 Yes	0.12 Thermal Discharging
SLW061	416	'311439355_/311439614'		1.4	3.8	10	0.184	4.7	5.43	3.39 Yes	0.184 Thermal Discharging
SLW061	417	'311440996_/311440993'		0.47	1.27	3.33	0.064	0.2	1.81	1.13 Yes	0.064 Thermal Discharging
SLW061	418	'311481788_/311439352_2'		1.4	3.8	10	0.184	4.7	5.42	3.39 Yes	0.184 Thermal Discharging
SLW061	419	'311437243_/311437240'		0.47	1.27	3.33	0.064	0.5	1.81	1.13 Yes	0.064 Thermal Discharging
SLW061	420	'311441263_/311441261_1'		0.43	1.23	3.33	0.064	0.3	1.79	1.13 Yes	0.064 Thermal Discharging
SLW061	421	'311448838_/311448835'		0.87	2.53	6.67	0.12	0.8	3.74	2.26 Yes	0.12 Thermal Discharging
SLW061	422	'311441002_/311441000'		0.43	1.2	3.33	0.064	0.2	1.75	1.13 Yes	0.064 Thermal Discharging
SLW061	423	'311439341_/311439599'		1.3	3.6	10	0.184	4.7	5.26	3.39 Yes	0.184 Thermal Discharging
SLW061	424	'311439316_/311439313'		0.87	2.4	6.67	0.12	3.1	3.49	2.26 Yes	0.12 Thermal Discharging
SLW061	425	'311437437_/311437434'		0.43	1.2	3.33	0.064	0.5	1.75	1.13 Yes	0.064 Thermal Discharging
SLW061	426	'311439354_/311439352_1'		1.3	3.5	10	0.184	2.3	5.18	3.39 Yes	0.184 Thermal Discharging
SLW061	427	'311445177_/311445174'		0.4	1.2	3.33	0.064	0.4	1.79	1.13 Yes	0.064 Thermal Discharging
SLW061	428	'311437249_/311437441'		0.43	1.17	3.33	0.064	0.5	1.72	1.13 Yes	0.064 Thermal Discharging
SLW061	429	'311441015_/311441013'		0.43	1.17	3.33	0.064	0.2	1.7	1.13 Yes	0.064 Thermal Discharging
SLW061	430	'311439342_/311439339'		0.43	1.17	3.33	0.064	1.5	1.69	1.13 Yes	0.064 Thermal Discharging
SLW061	431	'311439398_/311439396'		0.8	2.27	6.67	0.12	3.1	3.36	2.26 Yes	0.12 Thermal Discharging
SLW061	432	'311423630_/311423627'		0.8	2.27	6.67	0.12	0.6	3.37	2.26 Yes	0.12 Thermal Discharging
SLW061	433	'350950031_/311439587_1'		0.4	1.13	3.33	0.064	0.3	1.67	1.13 Yes	0.064 Thermal Discharging
SLW061	434	'311444690_/311448843'		0.8	2.27	6.67	0.12	0.8	3.47	2.26 Yes	0.12 Thermal Discharging
SLW061	435	'311441023_/311441020'		0.4	1.13	3.33	0.064	0.2	1.66	1.13 Yes	0.064 Thermal Discharging
SLW061	436	'311441271_/311441268'		0.4	1.13	3.33	0.064	0.3	1.66	1.13 Yes	0.064 Thermal Discharging
SLW061	437	'311437250_/311437247'		0.43	1.13	3.33	0.064	0.5	1.67	1.13 Yes	0.064 Thermal Discharging
SLW061	438	'311437263_/311437260'		0.4	1.1	3.33	0.064	0.5	1.62	1.13 Yes	0.064 Thermal Discharging
SLW061	439	'311423050_/311423641'		0.8	2.13	6.67	0.12	0.6	3.23	2.26 Yes	0.12 Thermal Discharging
SLW061	440	'311437270_/311437267'		0.4	1.07	3.33	0.064	0.5	1.58	1.13 Yes	0.064 Thermal Discharging
SLW061	441	'311480902_/311437475_1'		0.4	1.07	3.33	0.064	0.2	1.58	1.13 Yes	0.064 Thermal Discharging
SLW061	442	'311441284_/311441281'		0.37	1.03	3.33	0.064	0.3	1.56	1.13 Yes	0.064 Thermal Discharging
SLW061	443	'311445337_/311444688'		0.73	2.13	6.67	0.12	0.8	3.23	2.26 Yes	0.12 Thermal Discharging
SLW061	444	'311437478_/311437475_2'		0.37	1.03	3.33	0.064	0.2	1.52	1.13 Yes	0.064 Thermal Discharging
SLW061	445	'311441291_/311441288'		0.37	1	3.33	0.064	0.3	1.5	1.13 Yes	0.064 Thermal Discharging
SLW061	446	'311423051_/311423048'		0.73	1.93	6.67	0.12	0.6	3.01	2.26 Yes	0.12 Thermal Discharging
SLW061	447	'311444538_/311444535'		0.67	1.93	6.67	0.12	0.8	3.04	2.26 Yes	0.12 Thermal Discharging
SLW061	448	'311444705_/311444702'		0.67	1.93	6.67	0.12	0.8	3.02	2.26 Yes	0.12 Thermal Discharging
SLW061	449	'311441304_/311441301'		0.33	0.97	3.33	0.064	0.3	1.45	1.13 Yes	0.064 Thermal Discharging
SLW061	450	'311448493_/311448490'		0.67	1.87	6.67	0.12	0.6	2.93	2.26 Yes	0.12 Thermal Discharging
SLW061	451	'311445054_/311445051'		0.33	0.97	3.33	0.064	0.4	1.48	1.13 Yes	0.064 Thermal Discharging
SLW061	452	'311444552_/311444549'		0.67	1.93	6.67	0.12	0.8	2.96	2.26 Yes	0.12 Thermal Discharging
SLW061	453	'311448507_/311448504'		0.67	1.8	6.67	0.12	0.6	2.86	2.26 Yes	0.12 Thermal Discharging
SLW061	454	'311448537_/311448534'		0.67	1.8	6.67	0.12	0.6	2.85	2.26 Yes	0.12 Thermal Discharging
SLW061	455	'311441335_/311441332'		0.33	0.93	3.33	0.064	0.3	1.41	1.13 Yes	0.064 Thermal Discharging
SLW061	456	'467525806_/466687627_1'		0.33	0.93	3.33	0.064	0.1	1.41	1.13 Yes	0.064 Thermal Discharging
SLW061	457	'311444560_/311444557'		0.33	0.93	3.33	0.064	0.4	1.44	1.13 Yes	0.064 Thermal Discharging
SLW061	458	'311448551_/311448548'		0.67	1.8	6.67	0.12	0.6	2.79	2.26 Yes	0.12 Thermal Discharging
SLW061	459	'311448515_/311448512'		0.67	1.8	6.67	0.12	0.6	2.79	2.26 Yes	0.12 Thermal Discharging
SLW061	460	'311444713_/311444710'		0.6	1.8	6.67	0.12	0.8	2.83	2.26 Yes	0.12 Thermal Discharging
SLW061	461	'311439590_/311439587_2'		0.3	0.9	3.33	0.064	0.3	1.37	1.13 Yes	0.064 Thermal Discharging
SLW061	462	'311444573_/311444570'		0.3	0.9	3.33	0.064	0.4	1.41	1.13 Yes	0.064 Thermal Discharging
SLW061	463	'311448523_/311448520'		0.6	1.73	6.67	0.12	0.6	2.73	2.26 Yes	0.12 Thermal Discharging
SLW061	464	'311448559_/311448556'		0.6	1.73	6.67	0.12	0.6	2.72	2.26 Yes	0.12 Thermal Discharging
SLW061	465	'311441381_/466687627_2'		0.3	0.87	3.33	0.064	0.1	1.33	1.13 Yes	0.064 Thermal Discharging
SLW061	466	'311448780_/311448785'		0.6	1.73	6.67	0.12	0.6	2.69	2.26 Yes	0.12 Thermal Discharging
SLW061	467	'311444721_/311444718'		0.6	1.73	6.67	0.12	0.8	2.74	2.26 Yes	0.12 Thermal Discharging
SLW061	468	'311448567_/311448564'		0.6	1.67	6.67	0.12	0.6	2.66	2.26 Yes	0.12 Thermal Discharging
SLW061	469	'311444735_/311444732'		0.6	1.73	6.67	0.12	0.8	2.71	2.26 Yes	0.12 Thermal Discharging
SLW061	470	'311448772_/311448777'		0.6	1.67	6.67	0.12	0.6	2.64	2.26 Yes	0.12 Thermal Discharging
SLW061	471	'311448611_/311448608'		0.6	1.67	6.67	0.12	0.6	2.64	2.26 Yes	0.12 Thermal Discharging
SLW061	472	'311448619_/311448616'		0.6	1.67	6.67	0.12	0.6	2.6	2.26 Yes	0.12 Thermal Discharging
SLW061	473	'311448771_/311448769'		0.6	1.67	6.67	0.12	0.6	2.6	2.26 Yes	0.12 Thermal Discharging
SLW061	474	'311444580_/311444577'		0.3	0.83	3.33	0.064	0.4	1.32	1.13 Yes	0.064 Thermal Discharging
SLW061	475	'311448575_/311448572'		0.6	1.67	6.67	0.12	0.6	2.59	2.26 Yes	0.12 Thermal Discharging
SLW061	476	'311441393_/503082288'		0.27	0.8	3.33	0.064	0.1	1.26	1.13 Yes	0.064 Thermal Discharging
SLW061	477	'311444743_/311444740'		0.53	1.6	6.67	0.12	0.8	2.58	2.26 Yes	0.12 Thermal Discharging
SLW061	478	'311448589_/311448586'		0.53	1.6	6.67	0.12	0.6	2.5	2.26 Yes	0.12 Thermal Discharging
SLW061	479	'311444587_/311444584'		0.27	0.8	3.33	0.064	0.4	1.25	1.13 Yes	0.064 Thermal Discharging
SLW061	480	'311448597_/311448594'		0.53	1.53	6.67	0.12	0.6	2.41	2.26 Yes	0.12 Thermal Discharging
SLW061	481	'311444751_/311444748'		0.53	1.53	6.67	0.12	0.8	2.44	2.26 Yes	0.12 Thermal Discharging
SLW061	482	'311441402_/503082297'		0.27	0.73	3.33	0.064	0.1	1.17	1.13 Yes	0.064 Thermal Discharging
SLW061	483	'311444600_/311444597'		0.27	0.73	3.33	0.064	0.4	1.18	1.13 Yes	0.064 Thermal Discharging
SLW061	484	'311444759_/311444756'		0.47	1.47	6.67	0.12	0.8	2.33	2.26 Yes	0.12 Thermal Discharging
SLW061	485	'311441414_/311441411'		0.23	0.7	3.33	0.064	0.1	1.13	1.13 Yes	0.064 Thermal Discharging
SLW061	486	'311444770_/311444767'		0.47	1.4	6.67	0.12	0.8	2.22	2.26 Yes	0.12 Thermal Discharging
SLW061	487	'311444778_/311444775'		0.47	1.33	6.67	0.12	0.8	2.12	2.26 Yes	0.12 Thermal Discharging
SLW061	488	'311444786_/311444783'		0.4	1.27	6.67	0.12	0.8	2.04	2.26 Yes	0.12 Thermal Discharging
SLW061	489	'311445097_/311445094'		0.4	1.27	6.67	0.12	0.8	2.02	2.26 Yes	0.12 Thermal Discharging
SLW061	490	'311488720_/311445102_1'		0.4	1.2	6.67	0.12	0.8	1.99	2.26 Yes	0.12 Thermal Discharging
SLW061	491	'311445105_/311445102_2'		0.4	1.2	6.67	0.12	0.8	1.99	2.26 Yes	0.12 Thermal Discharging
SLW061	492	'427411107_/311439285_2'		0.23	0.7	3.33	0.064	0.3	0.85	1.13 Yes	0.064 Thermal Discharging
SLW061	493	'311444797_/311444794'		0.4	1.2	6.67	0.12	0.8	1.96	2.26 Yes	0.12 Thermal Discharging
SLW061	494	'311445119_/311445116'		0.4	1.2	6.67	0.12	0.8	1.94	2.26 Yes	0.12 Thermal Discharging
SLW061	495	'311444805_/311444802'		0.4	1.13	6.67	0.12	0.8	1.88	2.26 Yes	0.12 Thermal Discharging
SLW061	496	'311444813_/311444810'		0.33	1.13	6.67	0.12	0.8	1.82	2.26 Yes	0.12 Thermal Discharging
SLW061	497	'311444824_/311444821'		0.33	1.07	6.67	0.12	0.8	1.75	2.26 Yes	0.12 Thermal Discharging
SLW061	498	'311444832_/311444829'		0.33	1	6.67	0.12	0.8	1.69	2.26 Yes	0.12 Thermal Discharging
SLW061	499	'311439287_/311439285_1'		0.17	0.53	3.33	0.064	0.1	0.73	1.13 Yes	0.064 Thermal Discharging
SLW061	500	'311444840_/311444837'		0.33	1	6.67	0.12	0.8	1.64	2.26 Yes	0.12 Thermal Discharging
SLW061	501	'311444851_/311444848'		0.33	0.93	6.67	0.12	0.8	1.59	2.26 Yes	0.12 Thermal Discharging
SLW061	502	'311445214_/311445211'		0.33	0.93	6.67	0.12	0.8	1.57	2.26 Yes	0.12 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SLW061	503	'311444859_/311444856'		0.27	0.93	6.67	0.12	0.8	1.53	2.26 Yes	0.12 Thermal Discharging
SLW061	504	'311445222_/311445219'		0.27	0.93	6.67	0.12	0.8	1.53	2.26 Yes	0.12 Thermal Discharging
SLW061	505	'311445300_/311445305'		0.27	0.93	6.67	0.12	0.8	1.5	2.26 Yes	0.12 Thermal Discharging
SLW061	506	'311445236_/311445233'		0.27	0.93	6.67	0.12	0.8	1.5	2.26 Yes	0.12 Thermal Discharging
SLW061	507	'311444867_/311444864'		0.27	0.87	6.67	0.12	0.8	1.48	2.26 Yes	0.12 Thermal Discharging
SLW061	508	'311445299_/311445297'		0.27	0.87	6.67	0.12	0.8	1.47	2.26 Yes	0.12 Thermal Discharging
SLW061	509	'311445244_/311445241'		0.27	0.87	6.67	0.12	0.8	1.46	2.26 Yes	0.12 Thermal Discharging
SLW061	510	'311445329_/311445326'		0.27	0.87	6.67	0.12	0.8	1.43	2.26 Yes	0.12 Thermal Discharging
SLW061	511	'311445429_/311445426'		0.27	0.87	6.67	0.12	0.8	1.42	2.26 Yes	0.12 Thermal Discharging
SLW061	512	'311445343_/311445340'		0.27	0.87	6.67	0.12	0.8	1.39	2.26 Yes	0.12 Thermal Discharging
SLW061	513	'311445351_/311445348'		0.27	0.8	6.67	0.12	0.8	1.36	2.26 Yes	0.12 Thermal Discharging
SLW061	514	'311445437_/311445434'		0.27	0.8	6.67	0.12	0.8	1.35	2.26 Yes	0.12 Thermal Discharging
SLW061	515	'311445359_/311445356'		0.27	0.8	6.67	0.12	0.8	1.33	2.26 Yes	0.12 Thermal Discharging
SLW061	516	'418247191_/418247188'		0.13	0.4	3.33	0.064	0.4	0.65	1.13 Yes	0.064 Thermal Discharging
SLW061	517	'311445373_/311445370'		0.27	0.8	6.67	0.12	0.8	1.3	2.26 Yes	0.12 Thermal Discharging
SLW061	518	'311445445_/311445442'		0.27	0.8	6.67	0.12	0.8	1.3	2.26 Yes	0.12 Thermal Discharging
SLW061	519	'311445456_/311445453'		0.2	0.73	6.67	0.12	0.8	1.24	2.26 Yes	0.12 Thermal Discharging
SLW061	520	'311448917_/311448914'		0.1	0.37	3.33	0.064	0.4	0.62	1.13 Yes	0.064 Thermal Discharging
SLW061	521	'311448924_/311448921'		0.1	0.37	3.33	0.064	0.4	0.61	1.13 Yes	0.064 Thermal Discharging
SLW061	522	'311445464_/311445461'		0.2	0.73	6.67	0.12	0.8	1.2	2.26 Yes	0.12 Thermal Discharging
SLW061	523	'311445472_/311445469'		0.2	0.67	6.67	0.12	0.8	1.15	2.26 Yes	0.12 Thermal Discharging
SLW061	524	'311445480_/311445477'		0.2	0.67	6.67	0.12	0.8	1.13	2.26 Yes	0.12 Thermal Discharging
SLW061	525	'311445488_/311445485'		0.2	0.67	6.67	0.12	0.8	1.11	2.26 Yes	0.12 Thermal Discharging
SLW062	0	'SLW062_/311446394'		10	10	10	0.6	10	10	4.71 No	0.6 Thermal Discharging
SLW062	1	'311446314_/311446394'		10	10	10	0.6	10	10	4.71 No	0.6 Thermal Discharging
SLW062	2	'311488656_/311446312_1'		10	10	10	0.6	10	10	4.71 No	0.6 Thermal Discharging
SLW062	3	'311446315_/311446312_2'		10	10	10	0.6	10	10	4.71 No	0.6 Thermal Discharging
SLW062	4	'311446324_/311446321'		10	10	10	0.6	10	10	4.71 No	0.6 Thermal Discharging
SLW062	5	'311446333_/311446330'		10	10	10	0.6	10	10	4.71 No	0.6 Thermal Discharging
SLW062	6	'311439278_/311446339'		10	10	10	0.6	10	10	4.71 No	0.6 Thermal Discharging
SLW062	7	'350936624_/311439276'		10	10	10	0.6	10	10	4.71 No	0.6 Thermal Discharging
SLW062	8	'311439254_/350936626'		10	10	10	0.6	10	10	4.71 No	0.6 Thermal Discharging
SLW062	9	'342091290_/311439252'		10	10	10	0.6	10	10	4.71 No	0.6 Thermal Discharging
SLW062	10	'311439230_/342091292'		10	10	10	0.6	10	10	4.71 No	0.6 Thermal Discharging
SLW062	11	'342091250_/311439228'		10	10	10	0.6	10	10	4.71 No	0.6 Thermal Discharging
SLW062	12	'311439212_/342091252'		10	10	10	0.6	10	10	4.71 No	0.6 Thermal Discharging
SLW062	13	'342091210_/311439210'		10	10	10	0.6	10	10	4.71 No	0.6 Thermal Discharging
SLW062	14	'311437942_/342091212'		10	10	10	0.6	10	10	4.71 No	0.6 Thermal Discharging
SLW062	15	'311437943_/311437940'		10	10	10	0.6	10	10	4.71 No	0.6 Thermal Discharging
SLW062	16	'311437958_/311437955'		10	10	10	0.6	10	10	4.71 No	0.6 Thermal Discharging
SLW062	17	'311437967_/311437964'		10	10	10	0.6	10	10	4.71 No	0.6 Thermal Discharging
SLW062	18	'311481185_/311438251_2'		3.33	3.33	3.33	0.2	1.5	3.33	1.57 No	0.2 Thermal Discharging
SLW062	19	'311437976_/311437973'		10	10	10	0.6	10	10	4.71 No	0.6 Thermal Discharging
SLW062	20	'311437991_/311437988'		10	10	10	0.6	10	10	4.71 No	0.6 Thermal Discharging
SLW062	21	'311438000_/311437997'		10	10	10	0.6	10	10	4.71 No	0.6 Thermal Discharging
SLW062	22	'311438253_/311438251_1'		3.33	3.33	3.33	0.2	0.5	3.33	1.57 No	0.2 Thermal Discharging
SLW062	23	'311481434_/311438224_2'		6.67	6.67	6.67	0.4	2.3	6.67	3.14 No	0.4 Thermal Discharging
SLW062	24	'415562193_/411679218_1'		3.33	3.33	3.33	0.2	0.3	3.33	1.57 No	0.2 Thermal Discharging
SLW062	25	'415066942_/311438274_1'		3.33	3.33	3.33	0.2	0.3	3.33	1.57 No	0.2 Thermal Discharging
SLW062	26	'311438015_/311438012'		10	10	10	0.6	10	10	4.71 No	0.6 Thermal Discharging
SLW062	27	'411679182_/311438274_2'		3.33	3.33	3.33	0.2	0.3	3.33	1.57 No	0.2 Thermal Discharging
SLW062	28	'311438024_/311438021'		10	10	10	0.6	10	10	4.71 No	0.6 Thermal Discharging
SLW062	29	'311438289_/411679218_2'		3.33	3.33	3.33	0.2	0.3	3.33	1.57 No	0.2 Thermal Discharging
SLW062	30	'311481083_/311438181_2'		3.33	3.33	3.33	0.2	1.5	3.33	1.57 No	0.2 Thermal Discharging
SLW062	31	'311438033_/311438030'		10	10	10	0.6	10	10	4.71 No	0.6 Thermal Discharging
SLW062	32	'311438160_/311439129'		10	10	10	0.6	10	10	4.71 No	0.6 Thermal Discharging
SLW062	33	'311481051_/311438157_2'		3.33	3.33	3.33	0.2	1.5	3.33	1.57 No	0.2 Thermal Discharging
SLW062	34	'311433623_/311439138'		10	10	10	0.6	10	10	4.71 No	0.6 Thermal Discharging
SLW062	35	'311433608_/311433621'		10	10	10	0.6	10	10	4.71 No	0.6 Thermal Discharging
SLW062	36	'311433578_/311433606'		10	10	10	0.6	10	10	4.71 No	0.6 Thermal Discharging
SLW062	37	'311433569_/311433576'		10	10	10	0.6	10	10	4.71 No	0.6 Thermal Discharging
SLW062	38	'512530741_/512530693_1'		10	10	10	0.6	1.5	10	4.71 No	0.6 Thermal Discharging
SLW062	39	'311433539_/311433567'		10	10	10	0.6	10	10	4.71 No	0.6 Thermal Discharging
SLW062	40	'502889477_/543599251'		10	10	10	0.6	5.3	10	4.71 No	0.6 Thermal Discharging
SLW062	41	'311433530_/311433537'		10	10	10	0.6	10	10	4.71 No	0.6 Thermal Discharging
SLW062	42	'311438226_/311438224_1'		6.67	6.67	6.67	0.4	1	6.67	3.14 No	0.4 Thermal Discharging
SLW062	43	'311433503_/311433528'		10	10	10	0.6	10	10	4.71 No	0.6 Thermal Discharging
SLW062	44	'311438183_/311438181_1'		3.33	3.33	3.33	0.2	0.5	3.33	1.57 No	0.2 Thermal Discharging
SLW062	45	'311433473_/311433501'		10	10	10	0.6	10	10	4.71 No	0.6 Thermal Discharging
SLW062	46	'311477759_/311433471_1'		10	10	10	0.6	10	10	4.71 No	0.6 Thermal Discharging
SLW062	47	'311438159_/311438157_1'		3.33	3.33	3.33	0.2	0.5	3.33	1.57 No	0.2 Thermal Discharging
SLW062	48	'311433464_/311433471_2'		10	10	10	0.6	10	10	4.71 No	0.6 Thermal Discharging
SLW062	49	'311438277_/411679186'		3.33	3.33	3.33	0.2	0.3	3.33	1.57 No	0.2 Thermal Discharging
SLW062	50	'311433446_/311433462'		10	10	10	0.6	10	10	4.71 No	0.6 Thermal Discharging
SLW062	51	'311433401_/311433444'		10	10	10	0.6	10	10	4.71 No	0.6 Thermal Discharging
SLW062	52	'311433380_/311433426'		10	10	10	0.6	10	10	4.71 No	0.6 Thermal Discharging
SLW062	53	'311433244_/311433399'		10	10	10	0.6	10	10	4.71 No	0.6 Thermal Discharging
SLW062	54	'311477401_/311433242_1'		10	10	10	0.6	1.5	10	4.71 No	0.6 Thermal Discharging
SLW062	55	'311434028_/311434034'		10	10	10	0.6	10	10	4.71 No	0.6 Thermal Discharging
SLW062	56	'311433217_/311433242_2'		10	10	10	0.6	1.5	10	4.71 No	0.6 Thermal Discharging
SLW062	57	'311433371_/311433378'		10	10	10	0.6	10	10	4.71 No	0.6 Thermal Discharging
SLW062	58	'311433961_/311434025'		10	10	10	0.6	10	10	4.71 No	0.6 Thermal Discharging
SLW062	59	'311430673_/311433369'		10	10	10	0.6	10	10	4.71 No	0.6 Thermal Discharging
SLW062	60	'311433951_/311433958'		10	10	10	0.6	10	10	4.71 No	0.6 Thermal Discharging
SLW062	61	'311433942_/311433949'		10	10	10	0.6	10	10	4.71 No	0.6 Thermal Discharging
SLW062	62	'311433259_/311433339'		10	10	10	0.6	10	10	4.71 No	0.6 Thermal Discharging
SLW062	63	'311433987_/311433985'		10	10	10	0.6	10	10	4.71 No	0.6 Thermal Discharging
SLW062	64	'311433858_/311433940'		10	10	10	0.6	10	10	4.71 No	0.6 Thermal Discharging
SLW062	65	'311433318_/311433315'		10	10	10	0.6	10	10	4.71 No	0.6 Thermal Discharging
SLW062	66	'311433823_/311433856'		10	10	10	0.6	10	10	4.71 No	0.6 Thermal Discharging
SLW062	67	'311427952_/311433324'		10	10	10	0.6	10	10	4.71 No	0.6 Thermal Discharging
SLW062	68	'311433808_/311433821'		10	10	10	0.6	10	10	4.71 No	0.6 Thermal Discharging
SLW062	69	'311427943_/311427949'		10	10	10	0.6	10	10	4.71 No	0.6 Thermal Discharging
SLW062	70	'311438298_/311438295'		3.33	3.33	3.33	0.2	0.3	3.33	1.57 No	0.2 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SLW062	71	'311430672_/_311430670'	3.33		3.33	3.33	0.2	1.5	3.33	1.57 No	0.2 Thermal Discharging
SLW062	72	'311433969_/_311433967'	10		10	10	0.6	3.2	10	4.71 No	0.6 Thermal Discharging
SLW062	73	'311433764_/_311433806'	10		10	10	0.6	10	10	4.71 No	0.6 Thermal Discharging
SLW062	74	'311427916_/_311427940'	10		10	10	0.6	10	10	4.71 No	0.6 Thermal Discharging
SLW062	75	'311433723_/_311433762'	10		10	10	0.6	10	10	4.71 No	0.6 Thermal Discharging
SLW062	76	'311427901_/_311427913'	10		10	10	0.6	10	10	4.71 No	0.6 Thermal Discharging
SLW062	77	'311426809_/_311433734'	10		10	10	0.6	10	10	4.71 No	0.6 Thermal Discharging
SLW062	78	'311427871_/_311427898'	10		10	10	0.6	10	10	4.71 No	0.6 Thermal Discharging
SLW062	79	'311433260_/_311433257'	3.33		3.33	3.33	0.2	1.5	3.33	1.57 No	0.2 Thermal Discharging
SLW062	80	'311434114_/_512530693_2'	10		10	10	0.6	1.5	10	4.71 No	0.6 Thermal Discharging
SLW062	81	'311426810_/_311426807'	10		10	10	0.6	10	10	4.71 No	0.6 Thermal Discharging
SLW062	82	'311427850_/_311427868'	10		10	10	0.6	10	10	4.71 No	0.6 Thermal Discharging
SLW062	83	'350942033_/_311428002_1'	6.67		6.67	6.67	0.4	1	6.67	3.14 No	0.4 Thermal Discharging
SLW062	84	'502888583_/_502888617'	3.33		3.33	3.33	0.2	1.4	3.33	1.57 No	0.2 Thermal Discharging
SLW062	85	'311426742_/_311426819'	10		10	10	0.6	10	10	4.71 No	0.6 Thermal Discharging
SLW062	86	'311427824_/_311427847'	10		10	10	0.6	10	10	4.71 No	0.6 Thermal Discharging
SLW062	87	'311426723_/_311426740'	10		10	10	0.6	10	10	4.71 No	0.6 Thermal Discharging
SLW062	88	'311478082_/_311433721_1'	3.33		3.33	3.33	0.2	1.5	3.33	1.57 No	0.2 Thermal Discharging
SLW062	89	'311427815_/_311427821'	10		10	10	0.6	10	10	4.71 No	0.6 Thermal Discharging
SLW062	90	'311433724_/_311433721_2'	3.33		3.33	3.33	0.2	1.5	3.33	1.57 No	0.2 Thermal Discharging
SLW062	91	'311426702_/_311426721'	10		10	10	0.6	10	10	4.71 No	0.6 Thermal Discharging
SLW062	92	'311433197_/_311433215'	10		10	10	0.6	1.5	10	4.71 No	0.6 Thermal Discharging
SLW062	93	'311425752_/_311426700'	10		10	10	0.6	10	10	4.71 No	0.6 Thermal Discharging
SLW062	94	'311427786_/_311427812'	10		10	10	0.6	10	10	4.71 No	0.6 Thermal Discharging
SLW062	95	'311475829_/_311425750_1'	10		10	10	0.6	1.5	10	4.71 No	0.6 Thermal Discharging
SLW062	96	'311425531_/_311427783'	10		10	10	0.6	10	10	4.71 No	0.6 Thermal Discharging
SLW062	97	'311433978_/_311433976'	10		10	10	0.6	3.2	10	4.71 No	0.6 Thermal Discharging
SLW062	98	'341622505_/_311425750_2'	10		10	10	0.6	1.5	10	4.71 No	0.6 Thermal Discharging
SLW062	99	'311425753_/_341622509'	10		10	10	0.6	1.5	10	4.71 No	0.6 Thermal Discharging
SLW062	100	'311425530_/_311425528'	10		10	10	0.6	10	10	4.71 No	0.6 Thermal Discharging
SLW062	101	'311425599_/_311426525'	10		10	10	0.6	1.5	10	4.71 No	0.6 Thermal Discharging
SLW062	102	'311427703_/_311427715'	10		10	10	0.6	10	10	4.71 No	0.6 Thermal Discharging
SLW062	103	'311426471_/_311426510'	10		10	10	0.6	1.5	10	4.71 No	0.6 Thermal Discharging
SLW062	104	'311427677_/_311427700'	10		10	10	0.6	10	10	4.71 No	0.6 Thermal Discharging
SLW062	105	'311426462_/_311426468'	10		10	10	0.6	1.5	10	4.71 No	0.6 Thermal Discharging
SLW062	106	'311475716_/_311425597_1'	10		10	10	0.6	1.5	10	4.71 No	0.6 Thermal Discharging
SLW062	107	'350948898_/_311427746_1'	3.33		3.33	3.33	0.2	0.7	3.33	1.57 No	0.2 Thermal Discharging
SLW062	108	'311427529_/_311427674'	10		10	10	0.6	10	10	4.71 No	0.6 Thermal Discharging
SLW062	109	'311428005_/_311428002_2'	6.67		6.67	6.67	0.4	1	6.67	3.14 No	0.4 Thermal Discharging
SLW062	110	'350949310_/_311426571_1'	10		10	10	0.6	1.5	10	4.71 No	0.6 Thermal Discharging
SLW062	111	'311426426_/_311426459'	10		10	10	0.6	1.5	10	4.71 No	0.6 Thermal Discharging
SLW062	112	'311427520_/_311427526'	10		10	10	0.6	10	10	4.71 No	0.6 Thermal Discharging
SLW062	113	'311426410_/_311426423'	10		10	10	0.6	1.5	10	4.71 No	0.6 Thermal Discharging
SLW062	114	'311433171_/_311433195'	10		10	10	0.6	1.5	10	4.71 No	0.6 Thermal Discharging
SLW062	115	'311427505_/_311427517'	10		10	10	0.6	10	10	4.71 No	0.6 Thermal Discharging
SLW062	116	'311477908_/_311433675_1'	3.33		3.33	3.33	0.2	0.3	3.33	1.57 No	0.2 Thermal Discharging
SLW062	117	'385413840_/_385413848'	10		10	10	0.6	10	10	4.71 No	0.6 Thermal Discharging
SLW062	118	'311425600_/_311425597_2'	10		10	10	0.6	1.5	10	4.71 No	0.6 Thermal Discharging
SLW062	119	'311425512_/_311427502'	10		10	10	0.6	10	10	4.71 No	0.6 Thermal Discharging
SLW062	120	'311438342_/_311438340'	3.33		3.33	3.33	0.2	0.3	3.33	1.57 No	0.2 Thermal Discharging
SLW062	121	'412447297_/_385413884_1'	10		10	10	0.6	2.4	10	4.71 No	0.6 Thermal Discharging
SLW062	122	'311427749_/_311427746_2'	3.33		3.33	3.33	0.2	0.7	3.33	1.57 No	0.2 Thermal Discharging
SLW062	123	'350948813_/_412447184_1'	10		10	10	0.6	2.3	10	4.71 No	0.6 Thermal Discharging
SLW062	124	'311425498_/_311427463'	10		10	10	0.6	10	10	4.71 No	0.6 Thermal Discharging
SLW062	125	'311422995_/_311425495'	10		10	10	0.6	10	10	4.71 No	0.6 Thermal Discharging
SLW062	126	'311428036_/_311428033'	6.67		6.67	6.67	0.4	1	6.67	3.14 No	0.4 Thermal Discharging
SLW062	127	'311492002_/_311422992_2'	6.67		6.67	6.67	0.4	2.3	6.67	3.14 No	0.4 Thermal Discharging
SLW062	128	'311425513_/_412447184_2'	10		10	10	0.6	2.3	10	4.71 No	0.6 Thermal Discharging
SLW062	129	'385413991_/_385413768_1'	10		10	10	0.6	2.4	10	4.71 No	0.6 Thermal Discharging
SLW062	130	'385413749_/_385413884_2'	10		10	10	0.6	2.4	10	4.71 No	0.6 Thermal Discharging
SLW062	131	'311427273_/_311427271'	10		10	10	0.6	7	10	4.71 No	0.6 Thermal Discharging
SLW062	132	'311476630_/_311427289_2'	10		10	10	0.6	7	10	4.71 No	0.6 Thermal Discharging
SLW062	133	'385413728_/_385413794'	10		10	10	0.6	2.4	10	4.71 No	0.6 Thermal Discharging
SLW062	134	'311433678_/_311433675_2'	3.33		3.33	3.33	0.2	0.3	3.33	1.57 No	0.2 Thermal Discharging
SLW062	135	'502889561_/_502889500'	10		10	10	0.6	4.2	10	4.71 No	0.6 Thermal Discharging
SLW062	136	'311427252_/_311427259'	10		10	10	0.6	6.9	10	4.71 No	0.6 Thermal Discharging
SLW062	137	'311426574_/_311426571_2'	10		10	10	0.6	1.5	10	4.71 No	0.6 Thermal Discharging
SLW062	138	'311433142_/_311433169'	10		10	10	0.6	1.5	10	4.71 No	0.6 Thermal Discharging
SLW062	139	'502888601_/_502888631'	3.33		3.33	3.33	0.2	1.4	3.33	1.57 No	0.2 Thermal Discharging
SLW062	140	'311425702_/_311427289_1'	10		10	10	0.6	1.6	10	4.71 No	0.6 Thermal Discharging
SLW062	141	'311475969_/_311425699_1'	3.33		3.33	3.33	0.2	0.3	3.33	1.57 No	0.2 Thermal Discharging
SLW062	142	'311427354_/_311427352'	10		10	10	0.6	1.6	10	4.71 No	0.6 Thermal Discharging
SLW062	143	'311427638_/_311427635'	6.67		6.67	6.67	0.4	2.3	6.67	3.14 No	0.4 Thermal Discharging
SLW062	144	'311425539_/_311427250'	10		10	10	0.6	6.9	10	4.71 No	0.6 Thermal Discharging
SLW062	145	'311422994_/_311422992_1'	6.67		6.67	6.67	0.4	1	6.67	3.14 No	0.4 Thermal Discharging
SLW062	146	'311491911_/_311425537_1'	3.33		3.33	3.33	0.2	0.5	3.33	1.57 No	0.2 Thermal Discharging
SLW062	147	'311427211_/_311427224'	10		10	10	0.6	6.9	10	4.71 No	0.6 Thermal Discharging
SLW062	148	'311427984_/_311428041'	6.67		6.67	6.67	0.4	1	6.67	3.14 No	0.4 Thermal Discharging
SLW062	149	'311427379_/_311427388'	10		10	10	0.6	1.6	10	4.71 No	0.6 Thermal Discharging
SLW062	150	'311476322_/_311428067_2'	3.33		3.33	3.33	0.2	0.5	3.33	1.57 No	0.2 Thermal Discharging
SLW062	151	'311425546_/_311427209'	10		10	10	0.6	6.9	10	4.71 No	0.6 Thermal Discharging
SLW062	152	'350949049_/_311425544_1'	3.33		3.33	3.33	0.2	0.5	3.33	1.57 No	0.2 Thermal Discharging
SLW062	153	'311425488_/_311427376'	10		10	10	0.6	1.6	10	4.71 No	0.6 Thermal Discharging
SLW062	154	'311425694_/_311425699_2'	3.33		3.33	3.33	0.2	0.3	3.33	1.57 No	0.2 Thermal Discharging
SLW062	155	'311427442_/_311427454'	10		10	10	0.6	1.6	10	4.71 No	0.6 Thermal Discharging
SLW062	156	'311427985_/_311427982'	3.33		3.33	3.33	0.2	0.5	3.33	1.57 No	0.2 Thermal Discharging
SLW062	157	'311423031_/_311427048'	10		10	10	0.6	6.9	10	4.71 No	0.6 Thermal Discharging
SLW062	158	'311423002_/_311425537_2'	3.33		3.33	3.33	0.2	0.5	3.33	1.57 No	0.2 Thermal Discharging
SLW062	159	'311425547_/_311425544_2'	3.33		3.33	3.33	0.2	0.5	3.33	1.57 No	0.2 Thermal Discharging
SLW062	160	'311433143_/_311433140'	10		10	10	0.6	1.5	10	4.71 No	0.6 Thermal Discharging
SLW062	161	'311422964_/_311422962'	10		10	10	0.6	1.6	10	4.71 No	0.6 Thermal Discharging
SLW062	162	'311428069_/_311428067_1'	3.33		3.33	3.33	0.2	0.3	3.33	1.57 No	0.2 Thermal Discharging
SLW062	163	'311428133_/_311428130'	3.33		3.33	3.33	0.2	0.5	3.33	1.57 No	0.2 Thermal Discharging
SLW062	164	'311491925_/_311423028_1'	3.33		3.33	3.33	0.2	0.5	3.33	1.57 No	0.2 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SLW062	165	'311439177'___/311439183'	3.33	3.33	3.33	3.33	0.2	0.3	3.33	1.57 No	0.2 Thermal Discharging
SLW062	166	'311427066'___/311427063'	3.33	3.33	3.33	3.33	0.2	0.5	3.33	1.57 No	0.2 Thermal Discharging
SLW062	167	'311427619'___/311427649'	6.67	6.67	6.67	6.67	0.4	2.3	6.67	3.14 No	0.4 Thermal Discharging
SLW062	168	'311427003'___/311427022'	10	10	10	10	0.6	6.9	10	4.71 No	0.6 Thermal Discharging
SLW062	169	'311427992'___/311427989'	3.33	3.33	3.33	3.33	0.2	0.5	3.33	1.57 No	0.2 Thermal Discharging
SLW062	170	'311427073'___/311427070'	3.33	3.33	3.33	3.33	0.2	0.5	3.33	1.57 No	0.2 Thermal Discharging
SLW062	171	'311422979'___/311422977'	10	10	10	10	0.6	1.6	10	4.71 No	0.6 Thermal Discharging
SLW062	172	'311428146'___/311428143'	3.33	3.33	3.33	3.33	0.2	0.5	3.33	1.57 No	0.2 Thermal Discharging
SLW062	173	'311433133'___/311433149'	10	10	10	10	0.6	1.5	10	4.71 No	0.6 Thermal Discharging
SLW062	174	'311425559'___/311427001'	10	10	10	10	0.6	6.9	10	4.71 No	0.6 Thermal Discharging
SLW062	175	'311492196'___/311425557_1'	3.33	3.33	3.33	3.33	0.2	0.5	3.33	1.57 No	0.2 Thermal Discharging
SLW062	176	'311425695'___/311425692'	3.33	3.33	3.33	3.33	0.2	0.3	3.33	1.57 No	0.2 Thermal Discharging
SLW062	177	'350949166'___/311426903_1'	3.33	3.33	3.33	3.33	0.2	0.5	3.33	1.57 No	0.2 Thermal Discharging
SLW062	178	'311428083'___/311428087'	3.33	3.33	3.33	3.33	0.2	0.3	3.33	1.57 No	0.2 Thermal Discharging
SLW062	179	'311426614'___/311426611'	10	10	10	10	0.6	1.5	10	4.71 No	0.6 Thermal Discharging
SLW062	180	'311453183'___/311453180'	10	10	10	10	0.6	1.6	10	4.71 No	0.6 Thermal Discharging
SLW062	181	'311425575'___/311426894'	10	10	10	10	0.6	6.9	10	4.71 No	0.6 Thermal Discharging
SLW062	182	'311423038'___/311425557_2'	3.33	3.33	3.33	3.33	0.2	0.5	3.33	1.57 No	0.2 Thermal Discharging
SLW062	183	'311423030'___/311423028_2'	3.33	3.33	3.33	3.33	0.2	0.5	3.33	1.57 No	0.2 Thermal Discharging
SLW062	184	'311423003'___/311423000'	3.33	3.33	3.33	3.33	0.2	0.5	3.33	1.57 No	0.2 Thermal Discharging
SLW062	185	'311426906'___/311426903_2'	3.33	3.33	3.33	3.33	0.2	0.5	3.33	1.57 No	0.2 Thermal Discharging
SLW062	186	'311425609'___/311428150'	3.33	3.33	3.33	3.33	0.2	0.5	3.33	1.57 No	0.2 Thermal Discharging
SLW062	187	'311424135'___/311453189'	10	10	10	10	0.6	1.6	10	4.71 No	0.6 Thermal Discharging
SLW062	188	'311425576'___/311425573'	10	10	10	10	0.6	6.9	10	4.71 No	0.6 Thermal Discharging
SLW062	189	'311427604'___/311427617'	6.67	6.67	6.67	6.67	0.4	2.3	6.67	3.14 No	0.4 Thermal Discharging
SLW062	190	'457584795'___/445983360_1'	10	10	10	10	0.6	1.5	10	4.71 No	0.6 Thermal Discharging
SLW062	191	'350949171'___/311426846'	10	10	10	10	0.6	6.9	10	4.71 No	0.6 Thermal Discharging
SLW062	192	'350942746'___/311425606_1'	3.33	3.33	3.33	3.33	0.2	0.5	3.33	1.57 No	0.2 Thermal Discharging
SLW062	193	'311425479'___/311427439'	10	10	10	10	0.6	1.6	10	4.71 No	0.6 Thermal Discharging
SLW062	194	'311426849'___/350949173'	10	10	10	10	0.6	6.9	10	4.71 No	0.6 Thermal Discharging
SLW062	195	'311433095'___/311433131'	10	10	10	10	0.6	1.5	10	4.71 No	0.6 Thermal Discharging
SLW062	196	'311426364'___/311426861'	10	10	10	10	0.6	6.9	10	4.71 No	0.6 Thermal Discharging
SLW062	197	'311426913'___/311426910'	3.33	3.33	3.33	3.33	0.2	0.5	3.33	1.57 No	0.2 Thermal Discharging
SLW062	198	'311428082'___/311428080'	3.33	3.33	3.33	3.33	0.2	0.3	3.33	1.57 No	0.2 Thermal Discharging
SLW062	199	'311426640'___/311426637'	10	10	10	10	0.6	1.5	10	4.71 No	0.6 Thermal Discharging
SLW062	200	'311423016'___/311423013'	3.33	3.33	3.33	3.33	0.2	0.5	3.33	1.57 No	0.2 Thermal Discharging
SLW062	201	'311423037'___/311423035'	3.33	3.33	3.33	3.33	0.2	0.5	3.33	1.57 No	0.2 Thermal Discharging
SLW062	202	'311424136'___/311424133'	10	10	10	10	0.6	1.6	10	4.71 No	0.6 Thermal Discharging
SLW062	203	'311492113'___/311426407_1'	10	10	10	10	0.6	1.5	10	4.71 No	0.6 Thermal Discharging
SLW062	204	'445983738'___/445983360_2'	10	10	10	10	0.6	1.5	10	4.71 No	0.6 Thermal Discharging
SLW062	205	'311423675'___/311423673'	3.33	3.33	3.33	3.33	0.2	0.53	3.33	1.57 No	0.2 Thermal Discharging
SLW062	206	'311427586'___/311427602'	6.67	6.67	6.67	6.67	0.4	2.3	6.67	3.14 No	0.4 Thermal Discharging
SLW062	207	'311425608'___/311425606_2'	3.33	3.33	3.33	3.33	0.2	0.5	3.33	1.57 No	0.2 Thermal Discharging
SLW062	208	'311426654'___/311426667'	6.67	6.67	6.67	6.67	0.4	1	6.67	3.14 No	0.4 Thermal Discharging
SLW062	209	'445983719'___/445983384_1'	10	10	10	10	0.6	0.9	10	4.71 No	0.6 Thermal Discharging
SLW062	210	'311428169'___/311428166'	3.33	3.33	3.33	3.33	0.2	0.5	3.33	1.57 No	0.2 Thermal Discharging
SLW062	211	'350949031'___/311423258_1'	3.33	3.33	3.33	3.33	0.2	0.3	3.33	1.57 No	0.2 Thermal Discharging
SLW062	212	'502889485'___/502888645'	3.33	3.33	3.33	3.33	0.2	1.4	3.33	1.57 No	0.2 Thermal Discharging
SLW062	213	'311424171'___/311424168'	3.33	3.33	3.33	3.33	0.2	0.53	3.33	1.57 No	0.2 Thermal Discharging
SLW062	214	'311426655'___/311426652'	10	10	10	10	0.6	1.5	10	4.71 No	0.6 Thermal Discharging
SLW062	215	'311423826'___/311424142'	10	10	10	10	0.6	1.6	10	4.71 No	0.6 Thermal Discharging
SLW062	216	'311433076'___/311433093'	10	10	10	10	0.6	1.5	10	4.71 No	0.6 Thermal Discharging
SLW062	217	'311423078'___/311423686'	3.33	3.33	3.33	3.33	0.2	0.53	3.33	1.57 No	0.2 Thermal Discharging
SLW062	218	'311438373'___/311439174'	3.33	3.33	3.33	3.33	0.2	0.3	3.33	1.57 No	0.2 Thermal Discharging
SLW062	219	'311427587'___/311427584'	6.67	6.67	6.67	6.67	0.4	2.3	6.67	3.14 No	0.4 Thermal Discharging
SLW062	220	'311426920'___/311426917'	3.33	3.33	3.33	3.33	0.2	0.5	3.33	1.57 No	0.2 Thermal Discharging
SLW062	221	'311430705'___/311430703'	3.33	3.33	3.33	3.33	0.2	0.3	3.33	1.57 No	0.2 Thermal Discharging
SLW062	222	'311428176'___/311428173'	3.33	3.33	3.33	3.33	0.2	0.5	3.33	1.57 No	0.2 Thermal Discharging
SLW062	223	'311423827'___/311423824'	10	10	10	10	0.6	1.6	10	4.71 No	0.6 Thermal Discharging
SLW062	224	'445983341'___/445983384_2'	10	10	10	10	0.6	0.9	10	4.71 No	0.6 Thermal Discharging
SLW062	225	'311430852'___/311430849'	3.33	3.33	3.33	3.33	0.2	0.3	3.33	1.57 No	0.2 Thermal Discharging
SLW062	226	'502889653'___/502889619'	2.1	10	10	10	0.6	4.2	10	4.71 No	0.6 Thermal Discharging
SLW062	227	'311433057'___/311433074'	10	10	10	10	0.6	1.5	10	4.71 No	0.6 Thermal Discharging
SLW062	228	'311423077'___/311423075'	3.33	3.33	3.33	3.33	0.2	0.53	3.33	1.57 No	0.2 Thermal Discharging
SLW062	229	'311423754'___/311423839'	10	10	10	10	0.6	1.6	10	4.71 No	0.6 Thermal Discharging
SLW062	230	'311428213'___/311428210'	3.33	3.33	3.33	3.33	0.2	0.5	3.33	1.57 No	0.2 Thermal Discharging
SLW062	231	'311430786'___/311430783'	3.33	3.33	3.33	3.33	0.2	0.3	3.33	1.57 No	0.2 Thermal Discharging
SLW062	232	'311423248'___/311423258_2'	3.33	3.33	3.33	3.33	0.2	0.3	3.33	1.57 No	0.2 Thermal Discharging
SLW062	233	'311426933'___/311426930'	3.33	3.33	3.33	3.33	0.2	0.5	3.33	1.57 No	0.2 Thermal Discharging
SLW062	234	'311424095'___/311424101'	10	10	10	10	0.6	1.6	10	4.71 No	0.6 Thermal Discharging
SLW062	235	'311430844'___/311430856'	3.33	3.33	3.33	3.33	0.2	0.3	3.33	1.57 No	0.2 Thermal Discharging
SLW062	236	'502888839'___/502888873'	3.33	3.33	3.33	3.33	0.2	1.4	3.33	1.57 No	0.2 Thermal Discharging
SLW062	237	'311430793'___/311430790'	3.33	3.33	3.33	3.33	0.2	0.3	3.33	1.57 No	0.2 Thermal Discharging
SLW062	238	'311423755'___/311423752'	10	10	10	10	0.6	1.6	10	4.71 No	0.6 Thermal Discharging
SLW062	239	'311424988'___/311433055'	6.9	10	10	10	0.6	1.5	10	4.71 No	0.6 Thermal Discharging
SLW062	240	'311428229'___/311428226'	3.33	3.33	3.33	3.33	0.2	0.5	3.33	1.57 No	0.2 Thermal Discharging
SLW062	241	'311426940'___/311426937'	3.33	3.33	3.33	3.33	0.2	0.5	3.33	1.57 No	0.2 Thermal Discharging
SLW062	242	'311438209'___/502889711'	1.6	10	10	10	0.6	4.2	10	4.71 No	0.6 Thermal Discharging
SLW062	243	'311430845'___/311430842'	3.33	3.33	3.33	3.33	0.2	0.3	3.33	1.57 No	0.2 Thermal Discharging
SLW062	244	'311426685'___/311426682'	3.33	3.33	3.33	3.33	0.2	0.5	3.33	1.57 No	0.2 Thermal Discharging
SLW062	245	'311423249'___/311423246'	3.33	3.33	3.33	3.33	0.2	0.3	3.33	1.57 No	0.2 Thermal Discharging
SLW062	246	'311433003'___/311433000'	6	10	10	10	0.6	1.5	10	4.71 No	0.6 Thermal Discharging
SLW062	247	'311424079'___/311424092'	10	10	10	10	0.6	1.6	10	4.71 No	0.6 Thermal Discharging
SLW062	248	'311424827'___/311424986'	5.5	10	10	10	0.6	1.5	10	4.71 No	0.6 Thermal Discharging
SLW062	249	'311492386'___/311424825_1'	5.5	10	10	10	0.6	0.9	10	4.71 No	0.6 Thermal Discharging
SLW062	250	'311432975'___/311433015'	5.5	10	10	10	0.6	1.5	10	4.71 No	0.6 Thermal Discharging
SLW062	251	'311428251'___/311428248'	3.33	3.33	3.33	3.33	0.2	0.5	3.33	1.57 No	0.2 Thermal Discharging
SLW062	252	'311430893'___/311430890'	3.33	3.33	3.33	3.33	0.2	0.3	3.33	1.57 No	0.2 Thermal Discharging
SLW062	253	'311431089'___/311432973'	5.1	10	10	10	0.6	1.5	10	4.71 No	0.6 Thermal Discharging
SLW062	254	'311424768'___/311424995'	4.8	10	10	10	0.6	1.5	10	4.71 No	0.6 Thermal Discharging
SLW062	255	'311431077'___/311431087'	5	10	10	10	0.6	1.5	10	4.71 No	0.6 Thermal Discharging
SLW062	256	'311492336'___/311424813_1'	1.57	3.33	3.33	3.33	0.2	0.5	3.33	1.57 No	0.2 Thermal Discharging
SLW062	257	'311428258'___/311428255'	3.33	3.33	3.33	3.33	0.2	0.5	3.33	1.57 No	0.2 Thermal Discharging
SLW062	258	'311430951'___/311430948'	3.33	3.33	3.33	3.33	0.2	0.3	3.33	1.57 No	0.2 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Over- Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SLW062	259	'311424907_311435091'		4.7	10	10	0.6	1.5	10	4.71 No	0.6 Thermal Discharging
SLW062	260	'502888857_502888887'		1.53	3.33	3.33	0.2	1.4	3.33	1.57 No	0.2 Thermal Discharging
SLW062	261	'311424769_311424766'		4.4	10	10	0.6	1.5	10	4.71 No	0.6 Thermal Discharging
SLW062	262	'311431038_311431035'		2.1	3.33	3.33	0.2	0.3	3.33	1.57 No	0.2 Thermal Discharging
SLW062	263	'311424908_311424905'		4.5	10	10	0.6	1.5	10	4.71 No	0.6 Thermal Discharging
SLW062	264	'311424778_311424775'		1.6	3.33	3.33	0.2	0.5	3.33	1.57 No	0.2 Thermal Discharging
SLW062	265	'311423892_311424076'		10	10	10	0.6	1.6	10	4.71 No	0.6 Thermal Discharging
SLW062	266	'311428310_311428307'		2.13	3.33	3.33	0.2	0.5	3.33	1.57 No	0.2 Thermal Discharging
SLW062	267	'311424923_311424920'		4.4	10	10	0.6	1.5	10	4.71 No	0.6 Thermal Discharging
SLW062	268	'311472699_311424950_1'		4.3	10	10	0.6	0.9	10	4.71 No	0.6 Thermal Discharging
SLW062	269	'350942971_311423890_1'		3.33	3.33	3.33	0.2	0.53	3.33	1.57 No	0.2 Thermal Discharging
SLW062	270	'311431031_311431074'		1.53	3.33	3.33	0.2	0.5	3.33	1.57 No	0.2 Thermal Discharging
SLW062	271	'311430957_311431042'		1.8	3.33	3.33	0.2	0.3	3.33	1.57 No	0.2 Thermal Discharging
SLW062	272	'350942229_311431061_1'		1.5	3.33	3.33	0.2	0.3	3.33	1.57 No	0.2 Thermal Discharging
SLW062	273	'311423770_311423902'		10	10	10	0.6	1.6	10	4.71 No	0.6 Thermal Discharging
SLW062	274	'311428317_311428314'		1.87	3.33	3.33	0.2	0.5	3.33	1.57 No	0.2 Thermal Discharging
SLW062	275	'311423893_311423890_2'		3.33	3.33	3.33	0.2	0.53	3.33	1.57 No	0.2 Thermal Discharging
SLW062	276	'311428355_311428359'		1.7	3.33	3.33	0.2	0.5	3.33	1.57 No	0.2 Thermal Discharging
SLW062	277	'311424953_311424950_2'		3.8	10	10	0.6	0.9	10	4.71 No	0.6 Thermal Discharging
SLW062	278	'311431030_311431028'		1.37	3.33	3.33	0.2	0.5	3.33	1.57 No	0.2 Thermal Discharging
SLW062	279	'311425636_311431061_2'		1.33	3.33	3.33	0.2	0.3	3.33	1.57 No	0.2 Thermal Discharging
SLW062	280	'311430958_311430955'		1.5	3.33	3.33	0.2	0.3	3.33	1.57 No	0.2 Thermal Discharging
SLW062	281	'311423946_311423952'		5.3	10	10	0.6	1.6	10	4.71 No	0.6 Thermal Discharging
SLW062	282	'311423769_311423767'		3.53	6.67	6.67	0.4	1.07	6.67	3.14 No	0.4 Thermal Discharging
SLW062	283	'311428342_311428352'		1.53	3.33	3.33	0.2	0.5	3.33	1.57 No	0.2 Thermal Discharging
SLW062	284	'311438374_311438371'		1.03	3.33	3.33	0.2	0.3	3.33	1.57 No	0.2 Thermal Discharging
SLW062	285	'502888912_502888928'		1.1	3.33	3.33	0.2	1.4	3.33	1.57 No	0.2 Thermal Discharging
SLW062	286	'311423945_311423943'		4.4	10	10	0.6	1.6	10	4.71 No	0.6 Thermal Discharging
SLW062	287	'311430980_311430977'		1.3	3.33	3.33	0.2	0.3	3.33	1.57 No	0.2 Thermal Discharging
SLW062	288	'311425635_311425633'		1.2	3.33	3.33	0.2	0.3	3.33	1.57 No	0.2 Thermal Discharging
SLW062	289	'311424511_311428339'		1.4	3.33	3.33	0.2	0.5	3.33	1.57 No	0.2 Thermal Discharging
SLW062	290	'350942792_311424509_1'		1.37	3.33	3.33	0.2	0.5	3.33	1.57 No	0.2 Thermal Discharging
SLW062	291	'311424011_311424017'		3.9	10	10	0.6	1.6	10	4.71 No	0.6 Thermal Discharging
SLW062	292	'311425629_311428638'		1.1	3.33	3.33	0.2	0.3	3.33	1.57 No	0.2 Thermal Discharging
SLW062	293	'311423877_311424008'		3.7	10	10	0.6	1.6	10	4.71 No	0.6 Thermal Discharging
SLW062	294	'311425628_311425626'		1.03	3.33	3.33	0.2	0.3	3.33	1.57 No	0.2 Thermal Discharging
SLW062	295	'311424828_311424825_2'		2.8	10	10	0.6	0.9	10	4.71 No	0.6 Thermal Discharging
SLW062	296	'311424034_311424032'		2.33	6.67	6.67	0.4	1.07	6.67	3.14 No	0.4 Thermal Discharging
SLW062	297	'311428554_311428551'		1	3.33	3.33	0.2	0.3	3.33	1.57 No	0.2 Thermal Discharging
SLW062	298	'311423878_311423875'		3.3	10	10	0.6	1.6	10	4.71 No	0.6 Thermal Discharging
SLW062	299	'311428491_311428538'		0.97	3.33	3.33	0.2	0.3	3.33	1.57 No	0.2 Thermal Discharging
SLW062	300	'311424049_311424055'		3.3	10	10	0.6	1.6	10	4.71 No	0.6 Thermal Discharging
SLW062	301	'429346885_430946504_1'		3.3	10	10	0.6	1	10	4.71 No	0.6 Thermal Discharging
SLW062	302	'311424868_311424865'		2.6	10	10	0.6	0.9	10	4.71 No	0.6 Thermal Discharging
SLW062	303	'311424816_311424813_2'		0.87	3.33	3.33	0.2	0.5	3.33	1.57 No	0.2 Thermal Discharging
SLW062	304	'417369118_417369199_1'		3.3	10	10	0.6	0.9	10	4.71 No	0.6 Thermal Discharging
SLW062	305	'311428573_311428571'		0.97	3.33	3.33	0.2	0.3	3.33	1.57 No	0.2 Thermal Discharging
SLW062	306	'430946554_430946504_2'		3.3	10	10	0.6	1	10	4.71 No	0.6 Thermal Discharging
SLW062	307	'336819533_417369199_2'		3.2	10	10	0.6	0.9	10	4.71 No	0.6 Thermal Discharging
SLW062	308	'311424311_311428564'		0.93	3.33	3.33	0.2	0.3	3.33	1.57 No	0.2 Thermal Discharging
SLW062	309	'311428457_311428525'		0.93	3.33	3.33	0.2	0.3	3.33	1.57 No	0.2 Thermal Discharging
SLW062	310	'311428587_311428591'		0.9	3.33	3.33	0.2	0.3	3.33	1.57 No	0.2 Thermal Discharging
SLW062	311	'311428490_311428488'		0.9	3.33	3.33	0.2	0.3	3.33	1.57 No	0.2 Thermal Discharging
SLW062	312	'311424048_311424046'		3	10	10	0.6	1.6	10	4.71 No	0.6 Thermal Discharging
SLW062	313	'311424284_311428518'		0.9	3.33	3.33	0.2	0.3	3.33	1.57 No	0.2 Thermal Discharging
SLW062	314	'400374072_394193981_1'		1	3.33	3.33	0.2	0.3	3.33	1.57 No	0.2 Thermal Discharging
SLW062	315	'417369150_417369226'		2.9	10	10	0.6	0.9	10	4.71 No	0.6 Thermal Discharging
SLW062	316	'336819549_417369152'		1	3.33	3.33	0.2	0.3	3.33	1.57 No	0.2 Thermal Discharging
SLW062	317	'311428458_311428455'		0.87	3.33	3.33	0.2	0.3	3.33	1.57 No	0.2 Thermal Discharging
SLW062	318	'311428586_311428584'		0.87	3.33	3.33	0.2	0.3	3.33	1.57 No	0.2 Thermal Discharging
SLW062	319	'311424304_311424308'		0.87	3.33	3.33	0.2	0.3	3.33	1.57 No	0.2 Thermal Discharging
SLW062	320	'395508230_394193981_2'		1	3.33	3.33	0.2	0.3	3.33	1.57 No	0.2 Thermal Discharging
SLW062	321	'502889547_502888942'		0.73	3.33	3.33	0.2	1.4	3.33	1.57 No	0.2 Thermal Discharging
SLW062	322	'311424283_311424281'		0.83	3.33	3.33	0.2	0.3	3.33	1.57 No	0.2 Thermal Discharging
SLW062	323	'311428471_311428475'		0.83	3.33	3.33	0.2	0.3	3.33	1.57 No	0.2 Thermal Discharging
SLW062	324	'311424297_311424301'		0.83	3.33	3.33	0.2	0.3	3.33	1.57 No	0.2 Thermal Discharging
SLW062	325	'311428470_311428468'		0.8	3.33	3.33	0.2	0.3	3.33	1.57 No	0.2 Thermal Discharging
SLW062	326	'394193984_395508234'		1	3.33	3.33	0.2	0.3	3.33	1.57 No	0.2 Thermal Discharging
SLW062	327	'311424420_311424418'		0.8	3.33	3.33	0.2	0.3	3.33	1.57 No	0.2 Thermal Discharging
SLW062	328	'311435102_311453212'		0.73	3.33	3.33	0.2	0.5	3.33	1.57 No	0.2 Thermal Discharging
SLW062	329	'311424512_311424509_2'		0.87	3.33	3.33	0.2	0.5	3.33	1.57 No	0.2 Thermal Discharging
SLW062	330	'311424296_311424294'		0.77	3.33	3.33	0.2	0.3	3.33	1.57 No	0.2 Thermal Discharging
SLW062	331	'502888044_311435100'		0.7	3.33	3.33	0.2	0.5	3.33	1.57 No	0.2 Thermal Discharging
SLW062	332	'394194000_394193997'		0.97	3.33	3.33	0.2	0.3	3.33	1.57 No	0.2 Thermal Discharging
SLW062	333	'394194022_394194019'		0.93	3.33	3.33	0.2	0.3	3.33	1.57 No	0.2 Thermal Discharging
SLW062	334	'502889347_502889363'		0.6	3.33	3.33	0.2	1.4	3.33	1.57 No	0.2 Thermal Discharging
SLW062	335	'311424546_311424543'		0.73	3.33	3.33	0.2	0.5	3.33	1.57 No	0.2 Thermal Discharging
SLW062	336	'502889639_502889377'		0.57	3.33	3.33	0.2	1.4	3.33	1.57 No	0.2 Thermal Discharging
SLW062	337	'502888102_502888154'		0.57	3.33	3.33	0.2	0.5	3.33	1.57 No	0.2 Thermal Discharging
SLW062	338	'311424568_311424589'		0.63	3.33	3.33	0.2	0.5	3.33	1.57 No	0.2 Thermal Discharging
SLW062	339	'311424569_311424566'		0.6	3.33	3.33	0.2	0.5	3.33	1.57 No	0.2 Thermal Discharging
SLW062	340	'502888120_502888168'		0.47	3.33	3.33	0.2	0.5	3.33	1.57 No	0.2 Thermal Discharging
SLW062	341	'502888138_502888182'		0.43	3.33	3.33	0.2	0.5	3.33	1.57 No	0.2 Thermal Discharging
SLW062	342	'502888059_502888196'		0.4	3.33	3.33	0.2	0.5	3.33	1.57 No	0.2 Thermal Discharging
SLW062	343	'348240387_502888063'		0.4	3.2	3.33	0.2	0.5	3.33	1.57 No	0.2 Thermal Discharging
SLW062	344	'348240421_348240440'		0.4	3.2	3.33	0.2	0.5	3.33	1.57 No	0.2 Thermal Discharging
SLW062	345	'348240353_348240458'		0.4	3.17	3.33	0.2	0.5	3.33	1.57 No	0.2 Thermal Discharging
SLW062	346	'311435103_348240357'		0.37	2.93	3.33	0.2	0.5	3.33	1.57 No	0.2 Thermal Discharging
SLW062	347	'311435118_311435115'		0.33	2.8	3.33	0.2	0.5	3.33	1.57 No	0.2 Thermal Discharging
SMT061	0	'SMT061_7247009_2'		10	10	10	1.944	10	10	5.02 No	1.944 Thermal Discharging
SMT061	1	'114295853_7247009_2'		10	10	10	1.944	10	10	5.02 No	1.944 Thermal Discharging
SMT061	2	'58970261_7247009_1'		10	10	10	1.944	10	10	5.02 No	1.944 Thermal Discharging
SMT061	3	'58970265_3160728'		10	10	10	1.944	10	10	5.02 No	1.944 Thermal Discharging
SMT061	4	'58970276_53628295_1'		10	10	10	1.944	1.5	10	5.02 No	1.5 Element Fault

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SMT061	5	'58970414___/53628349'		10	10	10	1.944	10	5.02 No	1.944	Thermal Discharging
SMT061	6	'58970457___/3159240'		10	10	10	1.944	10	5.02 No	1.944	Thermal Discharging
SMT061	7	'58969818___/53628295_2'		10	10	10	1.944	1.5	10	5.02 No	1.5 Element Fault
SMT061	8	'58970492___/3134214'		10	10	10	1.944	10	10	5.02 No	1.944 Thermal Discharging
SMT061	9	'67382978___/3134529_1'		10	10	10	1.944	10	10	5.02 No	1.944 Thermal Discharging
SMT061	10	'58970600___/475348305'		10	10	10	1.944	10	10	5.02 No	1.944 Thermal Discharging
SMT061	11	'58970620___/3134620'		10	10	10	1.944	10	10	5.02 No	1.944 Thermal Discharging
SMT061	12	'58969828___/53628429'		10	10	10	1.944	1.5	10	5.02 No	1.5 Element Fault
SMT061	13	'58970661___/3134580'		10	10	10	1.944	10	10	5.02 No	1.944 Thermal Discharging
SMT061	14	'58970684___/58970658'		10	10	10	1.944	10	10	5.02 No	1.944 Thermal Discharging
SMT061	15	'58970688___/58970681'		10	10	10	1.944	10	10	5.02 No	1.944 Thermal Discharging
SMT061	16	'58970768___/3134299'		10	10	10	1.944	10	10	5.02 No	1.944 Thermal Discharging
SMT061	17	'58970776___/3134316'		10	10	10	1.944	10	10	5.02 No	1.944 Thermal Discharging
SMT061	18	'58970832___/3145446'		10	10	10	1.944	10	10	5.02 No	1.944 Thermal Discharging
SMT061	19	'58970852___/3145315'		10	10	10	1.944	10	10	5.02 No	1.944 Thermal Discharging
SMT061	20	'58970881___/3145295'		10	10	10	1.944	10	10	5.02 No	1.944 Thermal Discharging
SMT061	21	'58970965___/58970878'		10	10	10	1.944	10	10	5.02 No	1.944 Thermal Discharging
SMT061	22	'58971658___/58970962'		10	10	10	1.944	10	10	5.02 No	1.944 Thermal Discharging
SMT061	23	'3099049___/3099080'		10	10	10	1.944	10	10	5.02 No	1.944 Thermal Discharging
SMT061	24	'58973428___/3099202'		10	10	10	1.944	10	10	5.02 No	1.944 Thermal Discharging
SMT061	25	'3144200___/3144197'		10	10	10	1.944	10	10	5.02 No	1.944 Thermal Discharging
SMT061	26	'3143745___/3144214'		10	10	10	1.944	10	10	5.02 No	1.944 Thermal Discharging
SMT061	27	'3143744___/3143742'		10	10	10	1.944	10	10	5.02 No	1.944 Thermal Discharging
SMT061	28	'3143785___/3143782'		10	10	10	1.944	10	10	5.02 No	1.944 Thermal Discharging
SMT061	29	'3143873___/3143870'		10	10	10	1.944	10	10	5.02 No	1.944 Thermal Discharging
SMT061	30	'3143801___/3143890'		10	10	10	1.944	10	10	5.02 No	1.944 Thermal Discharging
SMT061	31	'3132133___/3143799'		10	10	10	1.944	10	10	5.02 No	1.944 Thermal Discharging
SMT061	32	'3132134___/3132131'		10	10	10	1.944	10	10	5.02 No	1.944 Thermal Discharging
SMT061	33	'3132151___/3132148'		10	10	10	1.944	10	10	5.02 No	1.944 Thermal Discharging
SMT061	34	'3132168___/3132165'		10	10	10	1.944	10	10	5.02 No	1.944 Thermal Discharging
SMT061	35	'3132185___/3132182'		10	10	10	1.944	10	10	5.02 No	1.944 Thermal Discharging
SMT061	36	'3098980___/3132199'		10	10	10	1.944	10	10	5.02 No	1.944 Thermal Discharging
SMT061	37	'3098981___/3098978'		10	10	10	1.944	10	10	5.02 No	1.944 Thermal Discharging
SMT061	38	'3098998___/3098995'		10	10	10	1.944	10	10	5.02 No	1.944 Thermal Discharging
SMT061	39	'3135908___/3135905'		10	10	10	1.944	10	10	5.02 No	1.944 Thermal Discharging
SMT061	40	'3135870___/3135939'		10	10	10	1.944	10	10	5.02 No	1.944 Thermal Discharging
SMT061	41	'3135836___/3135868'		10	10	10	1.944	10	10	5.02 No	1.944 Thermal Discharging
SMT061	42	'3110224___/3135834'		10	10	10	1.944	10	10	5.02 No	1.944 Thermal Discharging
SMT061	43	'377957882___/377957865'	3.33		3.33	3.33	0.648	0.3	3.33	1.67 No	0.3 Element Fault
SMT061	44	'3099221___/3110222'		10	10	10	1.944	10	10	5.02 No	1.944 Thermal Discharging
SMT061	45	'3099222___/3099219'		10	10	10	1.944	10	10	5.02 No	1.944 Thermal Discharging
SMT061	46	'3110310___/3110307'		10	10	10	1.944	10	10	5.02 No	1.944 Thermal Discharging
SMT061	47	'3110327___/3110324'		10	10	10	1.944	10	10	5.02 No	1.944 Thermal Discharging
SMT061	48	'3110344___/3110341'		10	10	10	1.944	10	10	5.02 No	1.944 Thermal Discharging
SMT061	49	'377957887___/377957884'	3.33		3.33	3.33	0.648	0.3	3.33	1.67 No	0.3 Element Fault
SMT061	50	'3130856___/3130854'		10	10	10	1.944	10	10	5.02 No	1.944 Thermal Discharging
SMT061	51	'3110360___/3130871'		10	10	10	1.944	10	10	5.02 No	1.944 Thermal Discharging
SMT061	52	'3105319___/3110358'		10	10	10	1.944	10	10	5.02 No	1.944 Thermal Discharging
SMT061	53	'3105320___/3105317'		10	10	10	1.944	10	10	5.02 No	1.944 Thermal Discharging
SMT061	54	'3110923___/3110920'		10	10	10	1.944	10	10	5.02 No	1.944 Thermal Discharging
SMT061	55	'3110939___/3111967'		10	10	10	1.944	10	10	5.02 No	1.944 Thermal Discharging
SMT061	56	'3110940___/3110937'		10	10	10	1.944	10	10	5.02 No	1.944 Thermal Discharging
SMT061	57	'3110957___/3110954'		10	10	10	1.944	10	10	5.02 No	1.944 Thermal Discharging
SMT061	58	'3110974___/3110971'		10	10	10	1.944	10	10	5.02 No	1.944 Thermal Discharging
SMT061	59	'3110991___/3110988'		10	10	10	1.944	10	10	5.02 No	1.944 Thermal Discharging
SMT061	60	'3111008___/3111005'		10	10	10	1.944	10	10	5.02 No	1.944 Thermal Discharging
SMT061	61	'3087089___/3111022'		10	10	10	1.944	10	10	5.02 No	1.944 Thermal Discharging
SMT061	62	'3111986___/3112813'		10	10	10	1.944	10	10	5.02 No	1.944 Thermal Discharging
SMT061	63	'3111987___/3111984'		10	10	10	1.944	10	10	5.02 No	1.944 Thermal Discharging
SMT061	64	'3112003___/3112563'		10	10	10	1.944	10	10	5.02 No	1.944 Thermal Discharging
SMT061	65	'3112004___/3112001'		10	10	10	1.944	10	10	5.02 No	1.944 Thermal Discharging
SMT061	66	'3087090___/3087087'	3.33		3.33	3.33	0.648	1.5	3.33	1.67 No	0.648 Thermal Discharging
SMT061	67	'3112021___/3112018'		10	10	10	1.944	10	10	5.02 No	1.944 Thermal Discharging
SMT061	68	'3112191___/3112631'		10	10	10	1.944	10	10	5.02 No	1.944 Thermal Discharging
SMT061	69	'3112224___/3112614_1'		10	10	10	1.944	10	10	5.02 No	1.944 Thermal Discharging
SMT061	70	'3087103___/3087100'	3.33		3.33	3.33	0.648	1.5	3.33	1.67 No	0.648 Thermal Discharging
SMT061	71	'3111512___/3112222'		10	10	10	1.944	10	10	5.02 No	1.944 Thermal Discharging
SMT061	72	'3111513___/3111510'		10	10	10	1.944	10	10	5.02 No	1.944 Thermal Discharging
SMT061	73	'3141278___/3141275'		10	10	10	1.944	10	10	5.02 No	1.944 Thermal Discharging
SMT061	74	'3141295___/3141292'		10	10	10	1.944	10	10	5.02 No	1.944 Thermal Discharging
SMT061	75	'3141348___/3141363'		10	10	10	1.944	10	10	5.02 No	1.944 Thermal Discharging
SMT061	76	'43257491___/3141346'		10	10	10	1.944	10	10	5.02 No	1.944 Thermal Discharging
SMT061	77	'43268986___/3144593'		10	10	10	1.944	10	10	5.02 No	1.944 Thermal Discharging
SMT061	78	'43269027___/43268988'		10	10	10	1.944	10	10	5.02 No	1.944 Thermal Discharging
SMT061	79	'43269013___/43269029'		10	10	10	1.944	10	10	5.02 No	1.944 Thermal Discharging
SMT061	80	'43268999___/3161470'		10	10	10	1.944	10	10	5.02 No	1.944 Thermal Discharging
SMT061	81	'43269297___/3162321'		10	10	10	1.944	10	10	5.02 No	1.944 Thermal Discharging
SMT061	82	'49458592___/43269299_1'		10	10	10	1.944	10	10	5.02 No	1.944 Thermal Discharging
SMT061	83	'3162306___/43269299_2'		10	10	10	1.944	10	10	5.02 No	1.944 Thermal Discharging
SMT061	84	'3162286___/3162338'		10	10	10	1.944	10	10	5.02 No	1.944 Thermal Discharging
SMT061	85	'43269284___/3162304'		10	10	10	1.944	8.9	10	5.02 No	1.944 Thermal Discharging
SMT061	86	'68309737___/3162284'		10	10	10	1.944	10	10	5.02 No	1.944 Thermal Discharging
SMT061	87	'3086672___/3144556'		10	10	10	1.944	8.9	10	5.02 No	1.944 Thermal Discharging
SMT061	88	'3086673___/3086670'		10	10	10	1.944	8.9	10	5.02 No	1.944 Thermal Discharging
SMT061	89	'3087565___/3087562'		10	10	10	1.944	8.9	10	5.02 No	1.944 Thermal Discharging
SMT061	90	'3087982___/3087979'		10	10	10	1.944	8.9	10	5.02 No	1.944 Thermal Discharging
SMT061	91	'3112313___/3112310'		10	10	10	1.944	8.9	10	5.02 No	1.944 Thermal Discharging
SMT061	92	'3087962___/3112705'		10	10	10	1.944	8.9	10	5.02 No	1.944 Thermal Discharging
SMT061	93	'3111675___/3111672'		10	10	10	1.944	8.9	10	5.02 No	1.944 Thermal Discharging
SMT061	94	'3111692___/3111689'		10	10	10	1.944	8.9	10	5.02 No	1.944 Thermal Discharging
SMT061	95	'3111729___/3111743_1'		10	10	10	1.944	8.9	10	5.02 No	1.944 Thermal Discharging
SMT061	96	'3112276___/3112273'		10	10	10	1.944	8.9	10	5.02 No	1.944 Thermal Discharging
SMT061	97	'3111746___/3111743_2'		10	10	10	1.944	8.9	10	5.02 No	1.944 Thermal Discharging
SMT061	98	'43257478___/3112290'		10	10	10	1.944	8.9	10	5.02 No	1.944 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SMT061	99	'3112259_/_3112256'		10	10	10	1.944	8.9	10	5.02 No	1.944 Thermal Discharging
SMT061	100	'3111763_/_3111760'		10	10	10	1.944	8.9	10	5.02 No	1.944 Thermal Discharging
SMT061	101	'3112870_/_3112867'		10	10	10	1.944	8.9	10	5.02 No	1.944 Thermal Discharging
SMT061	102	'3111780_/_3111777_1'		10	10	10	1.944	8.9	10	5.02 No	1.944 Thermal Discharging
SMT061	103	'3084499_/_3112887'		10	10	10	1.944	8.9	10	5.02 No	1.944 Thermal Discharging
SMT061	104	'43257334_/_3111777_2'		10	10	10	1.944	8.9	10	5.02 No	1.944 Thermal Discharging
SMT061	105	'3112907_/_3112904'		10	10	10	1.944	8.9	10	5.02 No	1.944 Thermal Discharging
SMT061	106	'3111797_/_43257336'		10	10	10	1.944	8.9	10	5.02 No	1.944 Thermal Discharging
SMT061	107	'3112924_/_3112921'		10	10	10	1.944	8.9	10	5.02 No	1.944 Thermal Discharging
SMT061	108	'43257282_/_3084513'		10	10	10	1.944	8.9	10	5.02 No	1.944 Thermal Discharging
SMT061	109	'43266205_/_3116440'		10	10	10	1.944	8.9	10	5.02 No	1.944 Thermal Discharging
SMT061	110	'3084498_/_3084496'		10	10	10	1.944	8.9	10	5.02 No	1.944 Thermal Discharging
SMT061	111	'3112941_/_3112938'		10	10	10	1.944	8.9	10	5.02 No	1.944 Thermal Discharging
SMT061	112	'3112958_/_3112955'		10	10	10	1.944	8.9	10	5.02 No	1.944 Thermal Discharging
SMT061	113	'43257295_/_43257284'		10	10	10	1.944	8.9	10	5.02 No	1.944 Thermal Discharging
SMT061	114	'3116460_/_43266207'		10	10	10	1.944	8.9	10	5.02 No	1.944 Thermal Discharging
SMT061	115	'3112975_/_3112972'		10	10	10	1.944	8.9	10	5.02 No	1.944 Thermal Discharging
SMT061	116	'43257443_/_3086588'		10	10	10	1.944	8.9	10	5.02 No	1.944 Thermal Discharging
SMT061	117	'3086591_/_3086608_1'		10	10	10	1.944	8.9	10	5.02 No	1.944 Thermal Discharging
SMT061	118	'3116480_/_3116477'		10	10	10	1.944	8.9	10	5.02 No	1.944 Thermal Discharging
SMT061	119	'3084550_/_43257297'		10	10	10	1.944	8.9	10	5.02 No	1.944 Thermal Discharging
SMT061	120	'43266231_/_3116494'		10	10	10	1.944	8.9	10	5.02 No	1.944 Thermal Discharging
SMT061	121	'3086611_/_3086608_2'		10	10	10	1.944	8.9	10	5.02 No	1.944 Thermal Discharging
SMT061	122	'73421994_/_73422003'		10	10	10	1.944	8.9	10	5.02 No	1.944 Thermal Discharging
SMT061	123	'437305339_/_8823854_1'		10	10	10	1.944	8.9	10	5.02 No	1.944 Thermal Discharging
SMT061	124	'3116554_/_43266233'		10	10	10	1.944	8.9	10	5.02 No	1.944 Thermal Discharging
SMT061	125	'43257308_/_3084564'		10	10	10	1.944	8.9	10	5.02 No	1.944 Thermal Discharging
SMT061	126	'8196220_/_8196217_2'		10	10	10	1.944	5.3	10	5.02 No	1.944 Thermal Discharging
SMT061	127	'43257321_/_43257310'		10	10	10	1.944	8.9	10	5.02 No	1.944 Thermal Discharging
SMT061	128	'8196219_/_8196217_1'		10	10	10	1.944	0.7	10	5.02 No	0.7 Element Fault
SMT061	129	'399855024_/_8823854_2'		10	10	10	1.944	8.9	10	5.02 No	1.944 Thermal Discharging
SMT061	130	'399855025_/_37655111'		10	10	10	1.944	8.9	10	5.02 No	1.944 Thermal Discharging
SMT061	131	'399855042_/_37655979'		10	10	10	1.944	8.9	10	5.02 No	1.944 Thermal Discharging
SMT061	132	'399855030_/_37655965'		10	10	10	1.944	1.8	10	5.02 No	1.8 Element Fault
SMT061	133	'399855036_/_37655972'		10	10	10	1.944	4.9	10	5.02 No	1.944 Thermal Discharging
SMT061	134	'220844624_/_220844629'		10	10	10	1.944	4.9	10	5.02 No	1.944 Thermal Discharging
SMT061	135	'7806694_/_220844667'		10	10	10	1.944	4.9	10	5.02 No	1.944 Thermal Discharging
SMT061	136	'3084601_/_43257323'		10	10	10	1.944	8.9	10	5.02 No	1.944 Thermal Discharging
SMT061	137	'8438640_/_8438637'		10	10	10	1.944	8.9	10	5.02 No	1.944 Thermal Discharging
SMT061	138	'3084618_/_3084615'		10	10	10	1.944	8.9	10	5.02 No	1.944 Thermal Discharging
SMT061	139	'8194740_/_239685387_1'		10	10	10	1.944	3.5	10	5.02 No	1.944 Thermal Discharging
SMT061	140	'8195712_/_9073859'		10	10	10	1.944	8.9	10	5.02 No	1.944 Thermal Discharging
SMT061	141	'3084638_/_3084635'		10	10	10	1.944	8.9	10	5.02 No	1.944 Thermal Discharging
SMT061	142	'7558342_/_7558339'	3.33	3.33	3.33	0.648	0.6	3.33	1.67 No	0.6 Element Fault	
SMT061	143	'8195711_/_8195709'		10	10	10	1.944	8.9	10	5.02 No	1.944 Thermal Discharging
SMT061	144	'9139302_/_9453998'		10	10	10	1.944	8.9	10	5.02 No	1.944 Thermal Discharging
SMT061	145	'9139301_/_9139299'		10	10	10	1.944	8.9	10	5.02 No	1.944 Thermal Discharging
SMT061	146	'7806695_/_7806692'		10	10	10	1.944	4.9	10	5.02 No	1.944 Thermal Discharging
SMT061	147	'429502862_/_429502868'		10	10	10	1.944	8.9	10	5.02 No	1.944 Thermal Discharging
SMT061	148	'429502943_/_429502953'		10	10	10	1.944	8.9	10	5.02 No	1.944 Thermal Discharging
SMT061	149	'7245973_/_9701532'		10	10	10	1.944	4.9	10	5.02 No	1.944 Thermal Discharging
SMT061	150	'7245974_/_7245971'		10	10	10	1.944	4.9	10	5.02 No	1.944 Thermal Discharging
SMT061	151	'429503079_/_429503089'		10	10	10	1.944	8.9	10	5.02 No	1.944 Thermal Discharging
SMT061	152	'239685382_/_239685387_2'		10	10	10	1.944	3.5	10	5.02 No	1.944 Thermal Discharging
SMT061	153	'239685680_/_239685725'		10	10	10	1.944	3.5	10	5.02 No	1.944 Thermal Discharging
SMT061	154	'7246951_/_429503123'		10	10	10	1.944	8.9	10	5.02 No	1.944 Thermal Discharging
SMT061	155	'239685336_/_239685699'		10	10	10	1.944	3.5	10	5.02 No	1.944 Thermal Discharging
SMT061	156	'8508035_/_9455284'		10	10	10	1.944	8.9	10	5.02 No	1.944 Thermal Discharging
SMT061	157	'7873601_/_8823994'		10	10	10	1.944	4.9	10	5.02 No	1.944 Thermal Discharging
SMT061	158	'8508036_/_8508033'		10	10	10	1.944	8.9	10	5.02 No	1.944 Thermal Discharging
SMT061	159	'571469859_/_7873599'		10	10	10	1.944	4.9	10	5.02 No	1.944 Thermal Discharging
SMT061	160	'239685216_/_8823934'		10	10	10	1.944	3.5	10	5.02 No	1.944 Thermal Discharging
SMT061	161	'571469892_/_571469908'		10	10	10	1.944	4.9	10	5.02 No	1.944 Thermal Discharging
SMT061	162	'8197030_/_9139997'		10	10	10	1.944	8.9	10	5.02 No	1.944 Thermal Discharging
SMT061	163	'7873602_/_571469924'		10	10	10	1.944	4.9	10	5.02 No	1.944 Thermal Discharging
SMT061	164	'400861663_/_8197027_1'		10	10	10	1.944	8.9	10	5.02 No	1.944 Thermal Discharging
SMT061	165	'43259642_/_8197027_2'		10	10	10	1.944	8.9	10	5.02 No	1.944 Thermal Discharging
SMT061	166	'400861690_/_8825310_1'		10	10	10	1.944	3.7	10	5.02 No	1.944 Thermal Discharging
SMT061	167	'43259629_/_3156153'		10	10	10	1.944	8.9	10	5.02 No	1.944 Thermal Discharging
SMT061	168	'8195691_/_8506811'		10	10	10	1.944	4.9	10	5.02 No	1.944 Thermal Discharging
SMT061	169	'471888423_/_3156170_2'		10	10	10	1.944	8.9	10	5.02 No	1.944 Thermal Discharging
SMT061	170	'71834384_/_8825310_2'		10	10	10	1.944	3.7	10	5.02 No	1.944 Thermal Discharging
SMT061	171	'71834354_/_71834396'		10	10	10	1.944	3.7	10	5.02 No	1.944 Thermal Discharging
SMT061	172	'239685261_/_239685306'		10	10	10	1.944	3.5	10	5.02 No	1.944 Thermal Discharging
SMT061	173	'7246855_/_71834361'		10	10	10	1.944	3.7	10	5.02 No	1.944 Thermal Discharging
SMT061	174	'8195692_/_8195689'		10	10	10	1.944	4.9	10	5.02 No	1.944 Thermal Discharging
SMT061	175	'8196340_/_9454474'		10	10	10	1.944	4.9	10	5.02 No	1.944 Thermal Discharging
SMT061	176	'8197050_/_9139957'		10	10	10	1.944	3.7	10	5.02 No	1.944 Thermal Discharging
SMT061	177	'239685172_/_239685280'		9.1	10	10	1.944	3.5	10	5.02 No	1.944 Thermal Discharging
SMT061	178	'7246187_/_655134753'		9	10	10	1.944	4.9	10	5.02 No	1.944 Thermal Discharging
SMT061	179	'243751365_/_7245871'		9.1	10	10	1.944	3.5	10	5.02 No	1.944 Thermal Discharging
SMT061	180	'8197049_/_8197047'		10	10	10	1.944	3.7	10	5.02 No	1.944 Thermal Discharging
SMT061	181	'8507271_/_8507269_1'		4.8	10	10	1.944	3.7	10	5.02 No	1.944 Thermal Discharging
SMT061	182	'9139979_/_9139977'		9	10	10	1.944	3.7	10	5.02 No	1.944 Thermal Discharging
SMT061	183	'7245874_/_246681119'		7.9	10	10	1.944	3.5	10	5.02 No	1.944 Thermal Discharging
SMT061	184	'8197148_/_9140077'		8	10	10	1.944	3.7	10	5.02 No	1.944 Thermal Discharging
SMT061	185	'7246931_/_8197145'		7.8	10	10	1.944	3.7	10	5.02 No	1.944 Thermal Discharging
SMT061	186	'7245894_/_7245891'		7.2	10	10	1.944	3.5	10	5.02 No	1.944 Thermal Discharging
SMT061	187	'7246932_/_7246929'		7.5	10	10	1.944	3.7	10	5.02 No	1.944 Thermal Discharging
SMT061	188	'7874856_/_8197125'		6.9	10	10	1.944	3.7	10	5.02 No	1.944 Thermal Discharging
SMT061	189	'566120003_/_566120063'		6.5	10	10	1.944	3.5	10	5.02 No	1.944 Thermal Discharging
SMT061	190	'566119910_/_566120042'		6.4	10	10	1.944	3.5	10	5.02 No	1.944 Thermal Discharging
SMT061	191	'429503036_/_429503142'		6.5	10	10	1.944	3.7	10	5.02 No	1.944 Thermal Discharging
SMT061	192	'566119960_/_566119926'		6.2	10	10	1.944	3.5	10	5.02 No	1.944 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SMT061	193	'8195672_/_566120083'		5.8	10	10	1.944	3.5	10	5.02 No	1.944 Thermal Discharging
SMT061	194	'429502986_/_429503046'		5.8	10	10	1.944	3.7	10	5.02 No	1.944 Thermal Discharging
SMT061	195	'429503389_/_435145296'		5.6	10	10	1.944	3.7	10	5.02 No	1.944 Thermal Discharging
SMT061	196	'8823229_/_8823226'		5.3	10	10	1.944	3.5	10	5.02 No	1.944 Thermal Discharging
SMT061	197	'429503282_/_435145272'		5.4	10	10	1.944	3.7	10	5.02 No	1.944 Thermal Discharging
SMT061	198	'8824392_/_9453118'		5.1	10	10	1.944	3.5	10	5.02 No	1.944 Thermal Discharging
SMT061	199	'429502401_/_435145217'		5.1	10	10	1.944	3.7	10	5.02 No	1.944 Thermal Discharging
SMT061	200	'429502376_/_429502398'		5.1	10	10	1.944	3.7	10	5.02 No	1.944 Thermal Discharging
SMT061	201	'429502385_/_429502382'		5.1	10	10	1.944	3.7	10	5.02 No	1.944 Thermal Discharging
SMT061	202	'429502393_/_429502390'		5.1	10	10	1.944	3.7	10	5.02 No	1.944 Thermal Discharging
SMT061	203	'429502567_/_429502374'		5.1	10	10	1.944	3.7	10	5.02 No	1.944 Thermal Discharging
SMT061	204	'7217913_/_9454434'		5	10	10	1.944	3.7	10	5.02 No	1.944 Thermal Discharging
SMT061	205	'7874855_/_429502703'		1.7	3.33	3.33	0.648	1.23	3.33	1.67 No	0.648 Thermal Discharging
SMT061	206	'429502818_/_429503355'		4.8	10	10	1.944	3.7	10	5.02 No	1.944 Thermal Discharging
SMT061	207	'7874060_/_9139319'		5.1	10	10	1.944	3.7	10	5.02 No	1.944 Thermal Discharging
SMT061	208	'8197009_/_8824390'		4.6	10	10	1.944	3.5	10	5.02 No	1.944 Thermal Discharging
SMT061	209	'8197010_/_8197007'		4.5	10	10	1.944	3.5	10	5.02 No	1.944 Thermal Discharging
SMT062	0	'SMT062_/_8197205_2'		10	10	10	1.224	10	10	0.5 No	0.5 Unintentional Islanding
SMT062	1	'114295904_/_8197205_2'		10	10	10	1.224	10	10	0.5 No	0.5 Unintentional Islanding
SMT062	2	'58970027_/_8197205_1'		10	10	10	1.224	10	10	0.5 No	0.5 Unintentional Islanding
SMT062	3	'58970028_/_3159274'		10	10	10	1.224	10	10	0.49 No	0.49 Unintentional Islanding
SMT062	4	'58972689_/_3159053_1'		10	10	10	1.224	10	10	0.49 No	0.49 Unintentional Islanding
SMT062	5	'58970042_/_3159053_2'		10	10	10	1.224	10	10	0.49 No	0.49 Unintentional Islanding
SMT062	6	'58972705_/_50613539_1'		3.33	3.33	3.33	0.408	0.5	3.33	0.16 No	0.16 Unintentional Islanding
SMT062	7	'58970331_/_3159070'		10	10	10	1.224	10	10	0.49 No	0.49 Unintentional Islanding
SMT062	8	'58970337_/_3159087'		10	10	10	1.224	10	10	0.49 No	0.49 Unintentional Islanding
SMT062	9	'58970351_/_3159104'		10	10	10	1.224	10	10	0.49 No	0.49 Unintentional Islanding
SMT062	10	'58972715_/_50613539_2'		3.33	3.33	3.33	0.408	0.5	3.33	0.16 No	0.16 Unintentional Islanding
SMT062	11	'58972587_/_3133973'		10	10	10	1.224	10	10	0.49 No	0.49 Unintentional Islanding
SMT062	12	'58972588_/_3133990'		10	10	10	1.224	10	10	0.49 No	0.49 Unintentional Islanding
SMT062	13	'154122854_/_3134231'		10	10	10	1.224	10	10	0.49 No	0.49 Unintentional Islanding
SMT062	14	'58971429_/_50330656'		10	10	10	1.224	10	10	0.49 No	0.49 Unintentional Islanding
SMT062	15	'58971437_/_3134248'		10	10	10	1.224	10	10	0.49 No	0.49 Unintentional Islanding
SMT062	16	'345257552_/_3134041_1'		10	10	10	1.224	10	10	0.49 No	0.49 Unintentional Islanding
SMT062	17	'58971460_/_3134041_2'		10	10	10	1.224	10	10	0.49 No	0.49 Unintentional Islanding
SMT062	18	'58971600_/_3134265'		10	10	10	1.224	10	10	0.49 No	0.49 Unintentional Islanding
SMT062	19	'58971464_/_58971457'		10	10	10	1.224	10	10	0.49 No	0.49 Unintentional Islanding
SMT062	20	'58971539_/_3134282'		10	10	10	1.224	10	10	0.49 No	0.49 Unintentional Islanding
SMT062	21	'58971604_/_43267905'		10	10	10	1.224	10	10	0.49 No	0.49 Unintentional Islanding
SMT062	22	'58971531_/_3133902'		10	10	10	1.224	10	10	0.49 No	0.49 Unintentional Islanding
SMT062	23	'58971614_/_3145369'		10	10	10	1.224	10	10	0.49 No	0.49 Unintentional Islanding
SMT062	24	'58971529_/_3133919'		10	10	10	1.224	10	10	0.49 No	0.49 Unintentional Islanding
SMT062	25	'58973520_/_3145278'		10	10	10	1.224	10	10	0.49 No	0.49 Unintentional Islanding
SMT062	26	'58971515_/_3132969'		9.4	10	10	1.224	10	10	0.48 No	0.48 Unintentional Islanding
SMT062	27	'58971713_/_3099148'		9.3	10	10	1.224	10	10	0.48 No	0.48 Unintentional Islanding
SMT062	28	'67738845_/_3133156'		8.6	10	10	1.224	10	10	0.48 No	0.48 Unintentional Islanding
SMT062	29	'58971717_/_58971710'		8.8	10	10	1.224	10	10	0.48 No	0.48 Unintentional Islanding
SMT062	30	'3132830_/_3133139'		8.1	10	10	1.224	10	10	0.48 No	0.48 Unintentional Islanding
SMT062	31	'58971798_/_3084423_1'		8.8	10	10	1.224	1.5	10	0.48 No	0.48 Unintentional Islanding
SMT062	32	'58973349_/_3099114'		8.5	10	10	1.224	10	10	0.48 No	0.48 Unintentional Islanding
SMT062	33	'3133005_/_3133227'		7.7	10	10	1.224	10	10	0.48 No	0.48 Unintentional Islanding
SMT062	34	'3133006_/_3133003'		7.4	10	10	1.224	10	10	0.48 No	0.48 Unintentional Islanding
SMT062	35	'3099117_/_58973346'		8.1	10	10	1.224	10	10	0.48 No	0.48 Unintentional Islanding
SMT062	36	'43268886_/_3143725'		7.8	10	10	1.224	10	10	0.48 No	0.48 Unintentional Islanding
SMT062	37	'3133023_/_3133020'		7	10	10	1.224	10	10	0.48 No	0.48 Unintentional Islanding
SMT062	38	'62069949_/_3143708'		7.7	10	10	1.224	10	10	0.48 No	0.48 Unintentional Islanding
SMT062	39	'62070044_/_3132069_2'		2.6	3.33	3.33	0.408	1.5	3.33	0.16 No	0.16 Unintentional Islanding
SMT062	40	'3132303_/_62069946'		7.5	10	10	1.224	10	10	0.48 No	0.48 Unintentional Islanding
SMT062	41	'3133040_/_3133037'		6.6	10	10	1.224	10	10	0.48 No	0.48 Unintentional Islanding
SMT062	42	'58971779_/_3084423_2'		6.8	10	10	1.224	1.5	10	0.48 No	0.48 Unintentional Islanding
SMT062	43	'3145180_/_3145177'		7.3	10	10	1.224	10	10	0.48 No	0.48 Unintentional Islanding
SMT062	44	'3133179_/_3133176'		6.5	10	10	1.224	10	10	0.48 No	0.48 Unintentional Islanding
SMT062	45	'43267682_/_43267684'		6.4	10	10	1.224	10	10	0.48 No	0.48 Unintentional Islanding
SMT062	46	'501177194_/_501176953_2'		6.4	10	10	1.224	5.4	10	0.48 No	0.48 Unintentional Islanding
SMT062	47	'3145163_/_3145214'		7	10	10	1.224	10	10	0.48 No	0.48 Unintentional Islanding
SMT062	48	'3132007_/_3145160'		6.9	10	10	1.224	10	10	0.48 No	0.48 Unintentional Islanding
SMT062	49	'3099133_/_3132301'		6.8	10	10	1.224	10	10	0.48 No	0.48 Unintentional Islanding
SMT062	50	'3132008_/_3132005'		6.7	10	10	1.224	10	10	0.48 No	0.48 Unintentional Islanding
SMT062	51	'43256963_/_3099131'		6.6	10	10	1.224	10	10	0.48 No	0.48 Unintentional Islanding
SMT062	52	'3132024_/_3132098'		6.6	10	10	1.224	10	10	0.48 No	0.48 Unintentional Islanding
SMT062	53	'3145126_/_3145123'		6.6	10	10	1.224	10	10	0.48 No	0.48 Unintentional Islanding
SMT062	54	'62070407_/_3130610'		6.5	10	10	1.224	10	10	0.48 No	0.48 Unintentional Islanding
SMT062	55	'3132831_/_3132828'		5.6	10	10	1.224	4.7	10	0.48 No	0.48 Unintentional Islanding
SMT062	56	'3130613_/_3130630_2'		6.4	10	10	1.224	10	10	0.48 No	0.48 Unintentional Islanding
SMT062	57	'3132025_/_3132022'		6.5	10	10	1.224	10	10	0.48 No	0.48 Unintentional Islanding
SMT062	58	'3130555_/_3145106'		6.4	10	10	1.224	10	10	0.48 No	0.48 Unintentional Islanding
SMT062	59	'3132042_/_3132039'		6.3	10	10	1.224	10	10	0.48 No	0.48 Unintentional Islanding
SMT062	60	'3132059_/_3132056_2'		2.1	3.33	3.33	0.408	1.4	3.33	0.16 No	0.16 Unintentional Islanding
SMT062	61	'3143973_/_3143970'		6.2	10	10	1.224	10	10	0.48 No	0.48 Unintentional Islanding
SMT062	62	'49167091_/_3143987_1'		6.2	10	10	1.224	2.4	10	0.48 No	0.48 Unintentional Islanding
SMT062	63	'58971756_/_58971776'		5.6	10	10	1.224	1.5	10	0.48 No	0.48 Unintentional Islanding
SMT062	64	'3144007_/_3144004'		6	10	10	1.224	10	10	0.48 No	0.48 Unintentional Islanding
SMT062	65	'3130633_/_3130630_1'		5.9	10	10	1.224	1.5	10	0.48 No	0.48 Unintentional Islanding
SMT062	66	'43268899_/_3144024'		5.9	10	10	1.224	10	10	0.48 No	0.48 Unintentional Islanding
SMT062	67	'3132071_/_3132069_1'		1.97	3.33	3.33	0.408	0.5	3.33	0.16 No	0.16 Unintentional Islanding
SMT062	68	'9454517_/_501176953_1'		5	10	10	1.224	0.9	10	0.48 No	0.48 Unintentional Islanding
SMT062	69	'3144112_/_3144109'		5.7	10	10	1.224	10	10	0.48 No	0.48 Unintentional Islanding
SMT062	70	'53130249_/_3144126_1'		5.7	10	10	1.224	10	10	0.48 No	0.48 Unintentional Islanding
SMT062	71	'53130113_/_3144126_2'		5.7	10	10	1.224	10	10	0.48 No	0.48 Unintentional Islanding
SMT062	72	'3084426_/_58971753'		5.1	10	10	1.224	1.5	10	0.48 No	0.48 Unintentional Islanding
SMT062	73	'3132058_/_3132056_1'		2	3.33	3.33	0.408	0.1	3.33	0.16 No	0.1 Element Fault
SMT062	74	'3144061_/_53130302'		5.7	10	10	1.224	4.7	10	0.48 No	0.48 Unintentional Islanding
SMT062	75	'3143932_/_3143987_2'		5.5	10	10	1.224	2.4	10	0.48 No	0.48 Unintentional Islanding
SMT062	76	'3130556_/_3130553'		5.4	10	10	1.224	10	10	0.48 No	0.48 Unintentional Islanding

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SMT062	77	'43266994_/3130576'		5.3	10	10	1.224	10	10	0.47 No	0.47 Unintentional Islanding
SMT062	78	'3130579_/43266996'		5.2	10	10	1.224	10	10	0.47 No	0.47 Unintentional Islanding
SMT062	79	'3130649_/470955059'		5.1	10	10	1.224	10	10	0.47 No	0.47 Unintentional Islanding
SMT062	80	'3130687_/3130684'		5	10	10	1.224	10	10	0.47 No	0.47 Unintentional Islanding
SMT062	81	'3130703_/3130803'		4.9	10	10	1.224	10	10	0.47 No	0.47 Unintentional Islanding
SMT062	82	'3130595_/3130647'		4.9	10	10	1.224	10	10	0.47 No	0.47 Unintentional Islanding
SMT062	83	'3130823_/3130837_1'		4.9	10	10	1.224	1.5	10	0.47 No	0.47 Unintentional Islanding
SMT062	84	'3130720_/3130837_2'		4.9	10	10	1.224	1.5	10	0.47 No	0.47 Unintentional Islanding
SMT062	85	'3130704_/3130701'		4.9	10	10	1.224	10	10	0.47 No	0.47 Unintentional Islanding
SMT062	86	'43268912_/3144075'		4.7	10	10	1.224	3.5	10	0.48 No	0.48 Unintentional Islanding
SMT062	87	'3144470_/3144467'		4.8	10	10	1.224	10	10	0.47 No	0.47 Unintentional Islanding
SMT062	88	'3130721_/3130718'		4.8	10	10	1.224	1.5	10	0.47 No	0.47 Unintentional Islanding
SMT062	89	'3144078_/43268914'		4.7	10	10	1.224	3.5	10	0.48 No	0.48 Unintentional Islanding
SMT062	90	'43266661_/3144484'		4.8	10	10	1.224	10	10	0.47 No	0.47 Unintentional Islanding
SMT062	91	'3144452_/43266663'		4.7	10	10	1.224	10	10	0.47 No	0.47 Unintentional Islanding
SMT062	92	'3130738_/3130735'		4.7	10	10	1.224	1.5	10	0.47 No	0.47 Unintentional Islanding
SMT062	93	'3118227_/3144450'		4.7	10	10	1.224	10	10	0.47 No	0.47 Unintentional Islanding
SMT062	94	'3130754_/3130769'		4.6	10	10	1.224	1.5	10	0.47 No	0.47 Unintentional Islanding
SMT062	95	'3118228_/3118225_1'		4.6	10	10	1.224	10	10	0.47 No	0.47 Unintentional Islanding
SMT062	96	'43266648_/3118225_2'		4.6	10	10	1.224	10	10	0.47 No	0.47 Unintentional Islanding
SMT062	97	'3118267_/3118265'		4.6	10	10	1.224	10	10	0.47 No	0.47 Unintentional Islanding
SMT062	98	'38393102_/3130752'		4.5	10	10	1.224	1.5	10	0.47 No	0.47 Unintentional Islanding
SMT062	99	'3118285_/3118299'		4.5	10	10	1.224	10	10	0.47 No	0.47 Unintentional Islanding
SMT062	100	'49931724_/8506981_1'		4.5	10	10	1.224	3.6	10	0.47 No	0.47 Unintentional Islanding
SMT062	101	'3118248_/3118282'		4.5	10	10	1.224	10	10	0.47 No	0.47 Unintentional Islanding
SMT062	102	'7560535_/7560533_1'		4.5	10	10	1.224	3.3	10	0.47 No	0.47 Unintentional Islanding
SMT062	103	'8506984_/8506981_2'		4.5	10	10	1.224	3.6	10	0.47 No	0.47 Unintentional Islanding
SMT062	104	'122947088_/3118245_1'		4.4	10	10	1.224	10	10	0.47 No	0.47 Unintentional Islanding
SMT062	105	'67945007_/3118245_2'		4.4	10	10	1.224	10	10	0.47 No	0.47 Unintentional Islanding
SMT062	106	'7246168_/7560533_2'		4.4	10	10	1.224	3.3	10	0.47 No	0.47 Unintentional Islanding
SMT062	107	'7246167_/9454210_1'		4.4	10	10	1.224	3.3	10	0.47 No	0.47 Unintentional Islanding
SMT062	108	'3137755_/3143930'		4.4	10	10	1.224	2.4	10	0.48 No	0.48 Unintentional Islanding
SMT062	109	'128979566_/67944769'		4.4	10	10	1.224	10	10	0.47 No	0.47 Unintentional Islanding
SMT062	110	'67944995_/128979568'		4.3	10	10	1.224	10	10	0.47 No	0.47 Unintentional Islanding
SMT062	111	'67944881_/67944971'		4.3	10	10	1.224	10	10	0.47 No	0.47 Unintentional Islanding
SMT062	112	'67945046_/3112486'		4.3	10	10	1.224	10	10	0.47 No	0.47 Unintentional Islanding
SMT062	113	'50671429_/3112435'		4.2	10	10	1.224	10	10	0.47 No	0.47 Unintentional Islanding
SMT062	114	'67944844_/67944816'		4.2	10	10	1.224	10	10	0.47 No	0.47 Unintentional Islanding
SMT062	115	'3112421_/50671426_1'		4.2	10	10	1.224	10	10	0.47 No	0.47 Unintentional Islanding
SMT062	116	'63887272_/63887269'		4.1	10	10	1.224	2.4	10	0.47 No	0.47 Unintentional Islanding
SMT062	117	'3112438_/50671426_2'		4	10	10	1.224	10	10	0.47 No	0.47 Unintentional Islanding
SMT062	118	'3137795_/3144092'		3.8	10	10	1.224	3.5	10	0.47 No	0.47 Unintentional Islanding
SMT062	119	'3135819_/3137773'		4.1	10	10	1.224	2.4	10	0.47 No	0.47 Unintentional Islanding
SMT062	120	'3087615_/3112469'		3.9	10	10	1.224	10	10	0.47 No	0.47 Unintentional Islanding
SMT062	121	'43257849_/3112452'		3.9	10	10	1.224	10	10	0.47 No	0.47 Unintentional Islanding
SMT062	122	'7245039_/7245037_1'		3.9	10	10	1.224	1.5	10	0.47 No	0.47 Unintentional Islanding
SMT062	123	'3087653_/43257851'		3.8	9.9	10	1.224	10	10	0.47 No	0.47 Unintentional Islanding
SMT062	124	'3085904_/3087613'		3.7	9.6	10	1.224	3.6	10	0.47 No	0.47 Unintentional Islanding
SMT062	125	'3135820_/3135817'		3.8	9.1	10	1.224	2.4	10	0.47 No	0.47 Unintentional Islanding
SMT062	126	'3087293_/3087291_1'		3.8	9.9	10	1.224	1.5	10	0.47 No	0.47 Unintentional Islanding
SMT062	127	'50789015_/50789012'		3.7	9.6	10	1.224	10	10	0.46 No	0.46 Unintentional Islanding
SMT062	128	'3114947_/3105140'		3.6	9.5	10	1.224	10	10	0.46 No	0.46 Unintentional Islanding
SMT062	129	'7562853_/7562850_2'		3.6	9.3	10	1.224	4.4	10	0.46 No	0.46 Unintentional Islanding
SMT062	130	'3114930_/3114944'		3.5	9.3	10	1.224	10	10	0.46 No	0.46 Unintentional Islanding
SMT062	131	'7245686_/8506615_1'		3.5	9.3	10	1.224	1.5	10	0.46 No	0.46 Unintentional Islanding
SMT062	132	'3095931_/3114927'		3.5	9.1	10	1.224	10	10	0.46 No	0.46 Unintentional Islanding
SMT062	133	'3137796_/3137793'		3.3	8.7	10	1.224	3.5	10	0.47 No	0.47 Unintentional Islanding
SMT062	134	'3114896_/3114910'		3.5	9	10	1.224	10	10	0.46 No	0.46 Unintentional Islanding
SMT062	135	'43257836_/3085901'		3.4	8.8	10	1.224	3.6	10	0.47 No	0.47 Unintentional Islanding
SMT062	136	'61696814_/3095962_3'		2.27	5.93	6.67	0.816	2.4	6.67	0.31 No	0.31 Unintentional Islanding
SMT062	137	'8506618_/8506615_2'		3.4	8.9	10	1.224	1.5	10	0.46 No	0.46 Unintentional Islanding
SMT062	138	'43257752_/3087291_2'		3.4	8.7	10	1.224	1.5	10	0.46 No	0.46 Unintentional Islanding
SMT062	139	'3114879_/3114893'		3.4	8.8	10	1.224	10	10	0.46 No	0.46 Unintentional Islanding
SMT062	140	'3095950_/3095962_2'		2.2	5.8	6.67	0.816	1	6.67	0.31 No	0.31 Unintentional Islanding
SMT062	141	'43261661_/43261663'		3.3	8.7	10	1.224	10	10	0.46 No	0.46 Unintentional Islanding
SMT062	142	'3136928_/3137157'		3.3	8.6	10	1.224	10	10	0.46 No	0.46 Unintentional Islanding
SMT062	143	'3137813_/3137810'		3	8.1	10	1.224	3.5	10	0.47 No	0.47 Unintentional Islanding
SMT062	144	'43268322_/43268324'		3.2	8.5	10	1.224	10	10	0.46 No	0.46 Unintentional Islanding
SMT062	145	'7246519_/7874385_5'		3	8.1	10	1.224	3.5	10	0.47 No	0.47 Unintentional Islanding
SMT062	146	'470595933_/470595920_1'		3.2	8.5	10	1.224	1.5	9.99	0.46 No	0.46 Unintentional Islanding
SMT062	147	'3137109_/3137123'		3.2	8.4	10	1.224	10	9.96	0.46 No	0.46 Unintentional Islanding
SMT062	148	'150132962_/150132924_1'		3.2	8.4	10	1.224	1.5	9.94	0.46 No	0.46 Unintentional Islanding
SMT062	149	'3095965_/3095962_1'		2.13	5.53	6.67	0.816	1	6.67	0.31 No	0.31 Unintentional Islanding
SMT062	150	'3136927_/3136938_2'		1.1	2.77	3.33	0.408	1.1	3.32	0.15 No	0.15 Unintentional Islanding
SMT062	151	'3137092_/3137106'		3.2	8.3	10	1.224	10	9.9	0.46 No	0.46 Unintentional Islanding
SMT062	152	'7562852_/7562850_1'		3.2	8.2	10	1.224	1.6	10	0.46 No	0.46 Unintentional Islanding
SMT062	153	'3137830_/3137827'		3	7.9	10	1.224	3.5	10	0.47 No	0.47 Unintentional Islanding
SMT062	154	'7874387_/7874385_1'		2.9	7.9	10	1.224	3.3	10	0.47 No	0.47 Unintentional Islanding
SMT062	155	'3137041_/3137089'		3.2	8.3	10	1.224	10	9.81	0.46 No	0.46 Unintentional Islanding
SMT062	156	'7560974_/7560987_1'		1.07	2.77	3.33	0.408	0.1	3.25	0.15 No	0.1 Element Fault
SMT062	157	'3137847_/3137844'		2.9	7.7	10	1.224	3.5	10	0.47 No	0.47 Unintentional Islanding
SMT062	158	'3137040_/3137038'		3.1	8.1	10	1.224	10	9.67	0.46 No	0.46 Unintentional Islanding
SMT062	159	'7245040_/7245037_2'		3	7.9	10	1.224	1.5	10	0.46 No	0.46 Unintentional Islanding
SMT062	160	'3114725_/3137055'		3.1	8.1	10	1.224	10	9.64	0.46 No	0.46 Unintentional Islanding
SMT062	161	'3085870_/3085884'		3	7.7	10	1.224	3.6	10	0.46 No	0.46 Unintentional Islanding
SMT062	162	'3095665_/3136938_1'		1.1	2.63	3.33	0.408	1.1	3.23	0.15 No	0.15 Unintentional Islanding
SMT062	163	'3114726_/3114723'		3.1	8	10	1.224	10	9.57	0.46 No	0.46 Unintentional Islanding
SMT062	164	'7562400_/9453044'		3	7.8	10	1.224	1.5	9.99	0.46 No	0.46 Unintentional Islanding
SMT062	165	'9455019_/7874385_4'		2.8	7.6	10	1.224	3.3	10	0.47 No	0.47 Unintentional Islanding
SMT062	166	'567999077_/567999081'		3.1	8	10	1.224	10	9.56	0.46 No	0.46 Unintentional Islanding
SMT062	167	'3108445_/3108462_2'		3	7.7	10	1.224	3.6	9.95	0.46 No	0.46 Unintentional Islanding
SMT062	168	'7874388_/7874385_2'		2.8	7.6	10	1.224	3.3	10	0.47 No	0.47 Unintentional Islanding
SMT062	169	'43257002_/3108462_1'		3	7.6	10	1.224	3.6	9.84	0.46 No	0.46 Unintentional Islanding
SMT062	170	'43261622_/3114740'		3	7.8	10	1.224	10	9.41	0.46 No	0.46 Unintentional Islanding

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SMT062	171	'7560954_/50179915_2'		3	7.8	10	1.224	4.4	9.45	0.46 No	0.46 Unintentional Islanding
SMT062	172	'8507595_/150132924_2'		3	7.7	10	1.224	1.5	9.48	0.46 No	0.46 Unintentional Islanding
SMT062	173	'3089927_/3108479'		1.03	2.53	3.33	0.408	0.5	3.2	0.15 No	0.15 Unintentional Islanding
SMT062	174	'43261674_/3095663'		1.1	2.53	3.33	0.408	1.1	3.16	0.15 No	0.15 Unintentional Islanding
SMT062	175	'3114760_/43261624'		3	7.7	10	1.224	10	9.29	0.46 No	0.46 Unintentional Islanding
SMT062	176	'3096015_/3096013'		1.03	2.5	3.33	0.408	0.5	3.18	0.15 No	0.15 Unintentional Islanding
SMT062	177	'7560897_/470595920_2'		2.9	7.6	10	1.224	1.5	9.42	0.46 No	0.46 Unintentional Islanding
SMT062	178	'414829546_/7562398'		2.9	7.4	10	1.224	1.5	9.64	0.46 No	0.46 Unintentional Islanding
SMT062	179	'3096058_/3096055'		1	2.43	3.33	0.408	0.5	3.13	0.15 No	0.15 Unintentional Islanding
SMT062	180	'7560990_/7560987_2'		1.03	2.47	3.33	0.408	0.1	3.08	0.15 No	0.1 Element Fault
SMT062	181	'470595944_/470595952'		2.8	7.2	10	1.224	1.5	9.17	0.46 No	0.46 Unintentional Islanding
SMT062	182	'43257823_/43257825'		2.8	7	10	1.224	3.6	9.45	0.46 No	0.46 Unintentional Islanding
SMT062	183	'50179913_/50179915_1'		2.8	7.2	10	1.224	1.5	9.02	0.46 No	0.46 Unintentional Islanding
SMT062	184	'3089910_/3108442'		2.7	7	10	1.224	3.6	9.33	0.46 No	0.46 Unintentional Islanding
SMT062	185	'128979668_/3114774_1'		2.8	7.2	10	1.224	4.8	8.92	0.46 No	0.46 Unintentional Islanding
SMT062	186	'43261740_/3095977'		1.8	4.73	6.67	0.816	1	6.11	0.31 No	0.31 Unintentional Islanding
SMT062	187	'43261752_/3096029'		0.97	2.33	3.33	0.408	0.5	3.05	0.15 No	0.15 Unintentional Islanding
SMT062	188	'3085850_/3085847_2'		2.8	7	10	1.224	3.6	9.35	0.46 No	0.46 Unintentional Islanding
SMT062	189	'316359090_/316359109'		2.7	7.1	10	1.224	1.5	9	0.46 No	0.46 Unintentional Islanding
SMT062	190	'3114777_/3114774_2'		2.7	7.1	10	1.224	4.8	8.87	0.46 No	0.46 Unintentional Islanding
SMT062	191	'3096032_/43261754'		0.97	2.3	3.33	0.408	0.5	3.01	0.15 No	0.15 Unintentional Islanding
SMT062	192	'43261635_/3114791'		2.7	7	10	1.224	4.8	8.78	0.46 No	0.46 Unintentional Islanding
SMT062	193	'3095679_/3095676'		1	2.3	3.33	0.408	1.1	2.97	0.15 No	0.15 Unintentional Islanding
SMT062	194	'43269429_/3161951'		2.7	6.7	10	1.224	3.5	9.21	0.46 No	0.46 Unintentional Islanding
SMT062	195	'3114811_/43261637'		2.7	7	10	1.224	4.8	8.68	0.46 No	0.46 Unintentional Islanding
SMT062	196	'3161954_/43269431'		1.73	4.4	6.67	0.816	2.3	6.08	0.31 No	0.31 Unintentional Islanding
SMT062	197	'3089926_/43260380'		0.93	2.23	3.33	0.408	0.5	2.96	0.15 No	0.15 Unintentional Islanding
SMT062	198	'3095717_/3114825'		2.6	6.9	10	1.224	4.8	8.57	0.45 No	0.45 Unintentional Islanding
SMT062	199	'43260365_/3089907'		2.6	6.6	10	1.224	3.6	9	0.46 No	0.46 Unintentional Islanding
SMT062	200	'3095718_/3095728_1'		0.87	2.27	3.33	0.408	0.5	2.84	0.15 No	0.15 Unintentional Islanding
SMT062	201	'43261648_/3114842'		2.6	6.8	10	1.224	4.8	8.5	0.45 No	0.45 Unintentional Islanding
SMT062	202	'3114862_/43261650'		2.6	6.7	10	1.224	4.8	8.42	0.45 No	0.45 Unintentional Islanding
SMT062	203	'43261524_/3115015'		2.6	6.6	10	1.224	4.8	8.34	0.45 No	0.45 Unintentional Islanding
SMT062	204	'3096045_/3096068'		0.9	2.17	3.33	0.408	0.5	2.88	0.15 No	0.15 Unintentional Islanding
SMT062	205	'3095731_/3095728_2'		0.87	2.2	3.33	0.408	0.5	2.79	0.15 No	0.15 Unintentional Islanding
SMT062	206	'70813781_/9092803_1'		1.7	4.2	10	1.224	0.9	8.66	0.46 No	0.46 Unintentional Islanding
SMT062	207	'3094881_/3114530'		2.5	6.6	10	1.224	4.8	8.25	0.45 No	0.45 Unintentional Islanding
SMT062	208	'3094882_/3094896_1'		2.5	6.6	10	1.224	1.5	8.19	0.45 No	0.45 Unintentional Islanding
SMT062	209	'3094869_/3114547'		2.5	6.5	10	1.224	4.8	8.17	0.45 No	0.45 Unintentional Islanding
SMT062	210	'54667080_/54667087'		2.5	6.3	10	1.224	1.5	8.36	0.46 No	0.46 Unintentional Islanding
SMT062	211	'3096001_/43261742'		1.6	4.2	6.67	0.816	1	5.64	0.31 No	0.31 Unintentional Islanding
SMT062	212	'43261537_/3114564'		2.5	6.4	10	1.224	4.8	8.09	0.45 No	0.45 Unintentional Islanding
SMT062	213	'7560898_/470595992'		1.6	4.2	10	1.224	1.5	8.35	0.46 No	0.46 Unintentional Islanding
SMT062	214	'3095614_/3095689'		0.9	2.1	3.33	0.408	1.1	2.77	0.15 No	0.15 Unintentional Islanding
SMT062	215	'43268407_/43268409'		2.4	6.1	10	1.224	3.6	8.53	0.46 No	0.46 Unintentional Islanding
SMT062	216	'3094817_/3114581'		2.4	6.4	10	1.224	4.8	8.02	0.45 No	0.45 Unintentional Islanding
SMT062	217	'3131253_/3131267'		2.4	6.1	10	1.224	3.6	8.51	0.46 No	0.46 Unintentional Islanding
SMT062	218	'3094856_/3094853_2'		0.8	2.1	3.33	0.408	1.2	2.67	0.15 No	0.15 Unintentional Islanding
SMT062	219	'43261489_/3114598'		2.4	6.3	10	1.224	4.8	7.96	0.45 No	0.45 Unintentional Islanding
SMT062	220	'43261763_/43261765'		0.83	2.03	3.33	0.408	0.5	2.77	0.15 No	0.15 Unintentional Islanding
SMT062	221	'461265281_/469861988'		1.6	4.2	10	1.224	1.5	8.24	0.46 No	0.46 Unintentional Islanding
SMT062	222	'3095747_/3095744'		0.87	2.07	3.33	0.408	0.5	2.69	0.15 No	0.15 Unintentional Islanding
SMT062	223	'3094816_/3094827_2'		0.8	2.1	3.33	0.408	1.1	2.64	0.15 No	0.15 Unintentional Islanding
SMT062	224	'3096044_/3096042'		0.83	2.03	3.33	0.408	0.5	2.76	0.15 No	0.15 Unintentional Islanding
SMT062	225	'3094625_/3114615'		2.4	6.2	10	1.224	4.8	7.87	0.45 No	0.45 Unintentional Islanding
SMT062	226	'9453416_/469861902'		1.07	2.73	6.67	0.816	1	5.49	0.3 No	0.3 Unintentional Islanding
SMT062	227	'3085804_/3085847_1'		2.4	5.9	10	1.224	3.6	8.45	0.46 No	0.46 Unintentional Islanding
SMT062	228	'469861859_/469861882'		1.07	2.73	6.67	0.816	1	5.48	0.3 No	0.3 Unintentional Islanding
SMT062	229	'3094626_/3094643_1'		2.4	6.2	10	1.224	1.5	7.83	0.45 No	0.45 Unintentional Islanding
SMT062	230	'3114635_/3114632'		2.4	6.2	10	1.224	4.8	7.79	0.45 No	0.45 Unintentional Islanding
SMT062	231	'3087671_/3087681_1'		0.8	1.97	3.33	0.408	0.3	2.79	0.15 No	0.15 Unintentional Islanding
SMT062	232	'3131252_/3131250'		2.3	5.9	10	1.224	3.6	8.28	0.46 No	0.46 Unintentional Islanding
SMT062	233	'3094646_/3094643_2'		2.3	6.1	10	1.224	1.5	7.77	0.45 No	0.45 Unintentional Islanding
SMT062	234	'3094581_/3117764'		2.3	6.1	10	1.224	4.8	7.73	0.45 No	0.45 Unintentional Islanding
SMT062	235	'3094899_/3094896_2'		2.3	6	10	1.224	1.5	7.84	0.45 No	0.45 Unintentional Islanding
SMT062	236	'3094804_/3094827_1'		0.83	2.03	3.33	0.408	0.5	2.59	0.15 No	0.15 Unintentional Islanding
SMT062	237	'7561022_/8145473_2'		2.3	5.8	10	1.224	3.6	8.22	0.46 No	0.46 Unintentional Islanding
SMT062	238	'3114652_/3114649'		2.3	6.1	10	1.224	4.8	7.67	0.45 No	0.45 Unintentional Islanding
SMT062	239	'3096113_/3096123'		0.8	1.93	3.33	0.408	0.5	2.68	0.15 No	0.15 Unintentional Islanding
SMT062	240	'3094568_/3094565_2'		0.77	2	3.33	0.408	1.2	2.55	0.15 No	0.15 Unintentional Islanding
SMT062	241	'7824562_/8145473_1'		2.3	5.8	10	1.224	0.9	8.15	0.46 No	0.46 Unintentional Islanding
SMT062	242	'3094408_/3114666'		2.3	6	10	1.224	4.8	7.6	0.45 No	0.45 Unintentional Islanding
SMT062	243	'3087684_/3087681_2'		0.8	1.9	3.33	0.408	0.3	2.74	0.15 No	0.15 Unintentional Islanding
SMT062	244	'3117784_/3117795_1'		2.3	6	10	1.224	1.5	7.62	0.45 No	0.45 Unintentional Islanding
SMT062	245	'3094843_/3094853_1'		0.77	1.97	3.33	0.408	1.2	2.56	0.15 No	0.15 Unintentional Islanding
SMT062	246	'3094409_/3094432_1'		0.77	1.97	3.33	0.408	0.5	2.51	0.15 No	0.15 Unintentional Islanding
SMT062	247	'3095613_/3095611'		0.83	1.9	3.33	0.408	1.1	2.61	0.15 No	0.15 Unintentional Islanding
SMT062	248	'3094791_/3094801'		0.8	1.93	3.33	0.408	0.5	2.52	0.15 No	0.15 Unintentional Islanding
SMT062	249	'3094422_/3094432_2'		0.77	1.93	3.33	0.408	0.5	2.49	0.15 No	0.15 Unintentional Islanding
SMT062	250	'43261452_/3094660'		2.2	5.8	10	1.224	1.5	7.51	0.45 No	0.45 Unintentional Islanding
SMT062	251	'3095627_/3095903_1'		0.8	1.87	3.33	0.408	0.2	2.58	0.15 No	0.15 Unintentional Islanding
SMT062	252	'3094555_/3094565_1'		0.8	1.9	3.33	0.408	0.5	2.46	0.15 No	0.15 Unintentional Islanding
SMT062	253	'3095640_/3095903_2'		0.8	1.87	3.33	0.408	0.2	2.56	0.15 No	0.15 Unintentional Islanding
SMT062	254	'3094919_/3094916'		2.2	5.6	10	1.224	1.5	7.51	0.45 No	0.45 Unintentional Islanding
SMT062	255	'3096097_/3096110'		0.77	1.83	3.33	0.408	0.5	2.58	0.15 No	0.15 Unintentional Islanding
SMT062	256	'3131286_/3131284'		2.2	5.5	10	1.224	3.6	7.86	0.46 No	0.46 Unintentional Islanding
SMT062	257	'43266406_/3117795_2'		2.2	5.6	10	1.224	1.5	7.37	0.45 No	0.45 Unintentional Islanding
SMT062	258	'469861894_/469861946'		1.6	4.2	10	1.224	1.5	7.58	0.45 No	0.45 Unintentional Islanding
SMT062	259	'43261502_/3094788'		0.77	1.83	3.33	0.408	0.5	2.43	0.15 No	0.15 Unintentional Islanding
SMT062	260	'43261513_/3094840'		0.7	1.83	3.33	0.408	1.2	2.44	0.15 No	0.15 Unintentional Islanding
SMT062	261	'43261729_/43261731'		0.77	1.8	3.33	0.408	1.1	2.49	0.15 No	0.15 Unintentional Islanding
SMT062	262	'3094936_/3094933'		2.1	5.4	10	1.224	1.5	7.32	0.45 No	0.45 Unintentional Islanding
SMT062	263	'3094435_/3094432_3'		0.77	1.83	3.33	0.408	0.5	2.38	0.15 No	0.15 Unintentional Islanding
SMT062	264	'43261441_/3096763'		0.77	1.8	3.33	0.408	0.5	2.39	0.15 No	0.15 Unintentional Islanding

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SMT062	265	'3094542_/_3094552'	0.77	1.8	3.33	0.408	0.5	2.38	0.15 No	0.15	Unintentional Islanding
SMT062	266	'3095906_/_3095903_3'	0.77	1.77	3.33	0.408	0.2	2.46	0.15 No	0.15	Unintentional Islanding
SMT062	267	'3094680_/_3094677'	2.1	5.4	10	1.224	1.5	7.17	0.45 No	0.45	Unintentional Islanding
SMT062	268	'3096096_/_3096094'	0.73	1.77	3.33	0.408	0.5	2.48	0.15 No	0.15	Unintentional Islanding
SMT062	269	'3095601_/_3095916'	0.77	1.73	3.33	0.408	0.2	2.44	0.15 No	0.15	Unintentional Islanding
SMT062	270	'3094778_/_3096661'	0.73	1.77	3.33	0.408	0.5	2.38	0.15 No	0.15	Unintentional Islanding
SMT062	271	'3094490_/_3096750'	0.77	1.77	3.33	0.408	0.5	2.34	0.15 No	0.15	Unintentional Islanding
SMT062	272	'7161911_/_7161908'	2	5.1	10	1.224	3.6	7.48	0.46 No	0.46	Unintentional Islanding
SMT062	273	'3117812_/_43266408'	0.73	1.77	3.33	0.408	0.5	2.35	0.15 No	0.15	Unintentional Islanding
SMT062	274	'9072932_/_9072929_2'	2	5.1	10	1.224	3.6	7.47	0.46 No	0.46	Unintentional Islanding
SMT062	275	'107063529_/_7161864'	2	5.1	10	1.224	3.6	7.43	0.46 No	0.46	Unintentional Islanding
SMT062	276	'43261550_/_3094950'	2	5.2	10	1.224	1.5	7.11	0.45 No	0.45	Unintentional Islanding
SMT062	277	'3085787_/_3085801'	2	5	10	1.224	3.6	7.47	0.46 No	0.46	Unintentional Islanding
SMT062	278	'470596206_/_470596240'	1.6	4.2	10	1.224	1.5	7.23	0.45 No	0.45	Unintentional Islanding
SMT062	279	'3094448_/_3094445'	0.73	1.73	3.33	0.408	0.5	2.31	0.15 No	0.15	Unintentional Islanding
SMT062	280	'3095789_/_3095786'	0.73	1.7	3.33	0.408	1.1	2.4	0.15 No	0.15	Unintentional Islanding
SMT062	281	'3130402_/_3130412'	0.67	1.7	3.33	0.408	1.2	2.33	0.15 No	0.15	Unintentional Islanding
SMT062	282	'3094609_/_3094607'	0.73	1.73	3.33	0.408	0.5	2.31	0.15 No	0.15	Unintentional Islanding
SMT062	283	'40376411_/_7824560'	2	5	10	1.224	0.9	7.32	0.46 No	0.46	Unintentional Islanding
SMT062	284	'9072931_/_9072929_1'	2	5	10	1.224	0.7	7.31	0.46 No	0.46	Unintentional Islanding
SMT062	285	'3096139_/_3096136'	0.73	1.67	3.33	0.408	0.2	2.37	0.15 No	0.15	Unintentional Islanding
SMT062	286	'3094986_/_3094984'	0.67	1.7	3.33	0.408	0.5	2.33	0.15 No	0.15	Unintentional Islanding
SMT062	287	'54487118_/_470596210'	1.6	4.2	10	1.224	1.5	7.12	0.45 No	0.45	Unintentional Islanding
SMT062	288	'3094765_/_3094775'	0.7	1.7	3.33	0.408	0.5	2.3	0.15 No	0.15	Unintentional Islanding
SMT062	289	'3095802_/_3095799'	0.73	1.67	3.33	0.408	1.1	2.35	0.15 No	0.15	Unintentional Islanding
SMT062	290	'3094461_/_3094458'	0.73	1.7	3.33	0.408	0.5	2.26	0.15 No	0.15	Unintentional Islanding
SMT062	291	'43261430_/_43261432'	0.7	1.67	3.33	0.408	0.5	2.26	0.15 No	0.15	Unintentional Islanding
SMT062	292	'3094970_/_3094967_1'	1.9	5	10	1.224	1.5	6.9	0.45 No	0.45	Unintentional Islanding
SMT062	293	'3095867_/_3096201_3'	0.7	1.63	3.33	0.408	1.1	2.33	0.15 No	0.15	Unintentional Islanding
SMT062	294	'43261685_/_43261687'	0.7	1.63	3.33	0.408	0.2	2.32	0.15 No	0.15	Unintentional Islanding
SMT062	295	'43261408_/_3094487'	0.7	1.67	3.33	0.408	0.5	2.23	0.15 No	0.15	Unintentional Islanding
SMT062	296	'54487078_/_54487136'	1.6	4.2	10	1.224	1.5	6.95	0.45 No	0.45	Unintentional Islanding
SMT062	297	'3095880_/_3096201_2'	0.7	1.63	3.33	0.408	0.2	2.31	0.15 No	0.15	Unintentional Islanding
SMT062	298	'3095028_/_3095026'	0.63	1.63	3.33	0.408	0.5	2.28	0.15 No	0.15	Unintentional Islanding
SMT062	299	'3094697_/_3094694'	0.7	1.63	3.33	0.408	0.5	2.25	0.15 No	0.15	Unintentional Islanding
SMT062	300	'3095084_/_3094967_2'	1.9	4.9	10	1.224	1.5	6.82	0.45 No	0.45	Unintentional Islanding
SMT062	301	'3085767_/_3085784'	1.9	4.8	10	1.224	3.6	7.15	0.46 No	0.46	Unintentional Islanding
SMT062	302	'3096152_/_3096149'	0.7	1.6	3.33	0.408	0.2	2.28	0.15 No	0.15	Unintentional Islanding
SMT062	303	'3094752_/_3094762'	0.67	1.63	3.33	0.408	0.5	2.22	0.15 No	0.15	Unintentional Islanding
SMT062	304	'3094516_/_3094526'	0.67	1.63	3.33	0.408	0.5	2.21	0.15 No	0.15	Unintentional Islanding
SMT062	305	'3095000_/_3094997'	0.63	1.6	3.33	0.408	0.5	2.24	0.15 No	0.15	Unintentional Islanding
SMT062	306	'3095042_/_3095039'	0.63	1.6	3.33	0.408	0.5	2.25	0.15 No	0.15	Unintentional Islanding
SMT062	307	'461265242_/_461265261'	0.67	1.97	3.33	0.408	0.5	1.94	0.14 No	0.14	Unintentional Islanding
SMT062	308	'7161886_/_107063533_1'	1.9	4.7	10	1.224	3.6	6.98	0.46 No	0.46	Unintentional Islanding
SMT062	309	'43268420_/_7161884'	1.9	4.7	10	1.224	3.6	6.96	0.46 No	0.46	Unintentional Islanding
SMT062	310	'43266925_/_43266927'	0.63	1.6	3.33	0.408	1.2	2.21	0.15 No	0.15	Unintentional Islanding
SMT062	311	'3095055_/_3095052'	0.63	1.57	3.33	0.408	0.5	2.22	0.15 No	0.15	Unintentional Islanding
SMT062	312	'3096191_/_3096201_1'	0.67	1.57	3.33	0.408	0.2	2.25	0.15 No	0.15	Unintentional Islanding
SMT062	313	'43261478_/_3094707'	0.67	1.57	3.33	0.408	0.5	2.19	0.15 No	0.15	Unintentional Islanding
SMT062	314	'44067520_/_107063533_2'	1.8	4.6	10	1.224	3.6	6.87	0.45 No	0.45	Unintentional Islanding
SMT062	315	'3094476_/_3094474'	0.67	1.6	3.33	0.408	0.5	2.16	0.15 No	0.15	Unintentional Islanding
SMT062	316	'38179094_/_156027930'	1.6	4.2	10	1.224	1.5	6.73	0.45 No	0.45	Unintentional Islanding
SMT062	317	'3095013_/_3095010'	0.6	1.57	3.33	0.408	0.5	2.2	0.15 No	0.15	Unintentional Islanding
SMT062	318	'7161867_/_44067526'	1.8	4.6	10	1.224	0.7	6.86	0.45 No	0.45	Unintentional Islanding
SMT062	319	'43261419_/_43261421'	0.67	1.57	3.33	0.408	0.5	2.16	0.15 No	0.15	Unintentional Islanding
SMT062	320	'3095520_/_3095585'	0.67	1.53	3.33	0.408	0.2	2.22	0.15 No	0.15	Unintentional Islanding
SMT062	321	'3095815_/_3095812'	0.67	1.53	3.33	0.408	1.1	2.21	0.15 No	0.15	Unintentional Islanding
SMT062	322	'156270131_/_3095517_2'	0.67	1.53	3.33	0.408	0.2	2.2	0.15 No	0.15	Unintentional Islanding
SMT062	323	'36503989_/_156027872'	1.6	4.2	10	1.224	1.5	6.6	0.45 No	0.45	Unintentional Islanding
SMT062	324	'3095068_/_3095065'	0.6	1.53	3.33	0.408	0.5	2.16	0.15 No	0.15	Unintentional Islanding
SMT062	325	'3085750_/_3085764'	1.8	4.5	10	1.224	3.6	6.78	0.46 No	0.46	Unintentional Islanding
SMT062	326	'40348430_/_44086830_1'	1.7	4.5	10	1.224	0.9	6.57	0.45 No	0.45	Unintentional Islanding
SMT062	327	'3096190_/_3096188'	0.67	1.5	3.33	0.408	0.2	2.18	0.15 No	0.15	Unintentional Islanding
SMT062	328	'7161887_/_43268422'	1.8	4.5	10	1.224	3.6	6.69	0.45 No	0.45	Unintentional Islanding
SMT062	329	'3095507_/_3095517_1'	0.63	1.5	3.33	0.408	0.1	2.17	0.15 No	0.1	Element Fault
SMT062	330	'3094726_/_43261480'	0.63	1.5	3.33	0.408	0.5	2.12	0.15 No	0.15	Unintentional Islanding
SMT062	331	'37655597_/_44100432'	1.7	4.4	10	1.224	0.9	6.65	0.45 No	0.45	Unintentional Islanding
SMT062	332	'37655576_/_37655601'	1.7	4.4	10	1.224	0.9	6.65	0.45 No	0.45	Unintentional Islanding
SMT062	333	'37655569_/_37655573'	1.7	4.4	10	1.224	0.9	6.64	0.45 No	0.45	Unintentional Islanding
SMT062	334	'38044779_/_38044776'	0.57	1.47	3.33	0.408	0.3	2.21	0.15 No	0.15	Unintentional Islanding
SMT062	335	'37655583_/_37655580'	1.7	4.4	10	1.224	0.9	6.64	0.45 No	0.45	Unintentional Islanding
SMT062	336	'3091715_/_3130386'	0.6	1.5	3.33	0.408	1.2	2.11	0.15 No	0.15	Unintentional Islanding
SMT062	337	'3091540_/_3094500'	0.63	1.5	3.33	0.408	0.5	2.09	0.15 No	0.15	Unintentional Islanding
SMT062	338	'108110212_/_3094749'	0.63	1.5	3.33	0.408	0.5	2.1	0.15 No	0.15	Unintentional Islanding
SMT062	339	'43257810_/_3085747'	1.8	4.4	10	1.224	3.6	6.65	0.46 No	0.46	Unintentional Islanding
SMT062	340	'3095705_/_3095890'	0.63	1.47	3.33	0.408	0.2	2.13	0.15 No	0.15	Unintentional Islanding
SMT062	341	'3094739_/_3094736'	0.63	1.47	3.33	0.408	0.5	2.08	0.15 No	0.15	Unintentional Islanding
SMT062	342	'9405839_/_9405836'	0.57	1.43	3.33	0.408	0.3	2.18	0.15 No	0.15	Unintentional Islanding
SMT062	343	'3091514_/_3091537'	0.63	1.47	3.33	0.408	0.5	2.06	0.15 No	0.15	Unintentional Islanding
SMT062	344	'3095840_/_3095825'	0.63	1.47	3.33	0.408	1.1	2.11	0.15 No	0.15	Unintentional Islanding
SMT062	345	'9092806_/_9453430'	1.7	4.3	10	1.224	0.9	6.48	0.45 No	0.45	Unintentional Islanding
SMT062	346	'3091702_/_3091712'	0.57	1.47	3.33	0.408	1.2	2.06	0.15 No	0.15	Unintentional Islanding
SMT062	347	'43261696_/_3095530'	0.63	1.43	3.33	0.408	0.2	2.09	0.15 No	0.15	Unintentional Islanding
SMT062	348	'3085716_/_3085730'	1.7	4.2	10	1.224	3.6	6.46	0.46 No	0.46	Unintentional Islanding
SMT062	349	'3095533_/_43261698'	0.6	1.43	3.33	0.408	0.2	2.08	0.15 No	0.15	Unintentional Islanding
SMT062	350	'43261707_/_3095504'	0.6	1.43	3.33	0.408	0.1	2.08	0.15 No	0.1	Element Fault
SMT062	351	'102009423_/_108110221'	0.6	1.43	3.33	0.408	0.5	2.03	0.15 No	0.15	Unintentional Islanding
SMT062	352	'470595969_/_461265291'	0.57	1.63	3.33	0.408	0.5	1.8	0.14 No	0.14	Unintentional Islanding
SMT062	353	'3091513_/_3091511'	0.6	1.43	3.33	0.408	0.5	2	0.15 No	0.15	Unintentional Islanding
SMT062	354	'3091689_/_3091699'	0.57	1.4	3.33	0.408	1.2	2.02	0.15 No	0.15	Unintentional Islanding
SMT062	355	'3095704_/_3095702'	0.6	1.4	3.33	0.408	0.2	2.04	0.15 No	0.15	Unintentional Islanding
SMT062	356	'9388896_/_9388894'	1.6	4.1	10	1.224	0.7	6.22	0.45 No	0.45	Unintentional Islanding
SMT062	357	'3096230_/_3096227'	0.6	1.37	3.33	0.408	1.1	2.02	0.15 No	0.15	Unintentional Islanding
SMT062	358	'3094396_/_3094591'	0.57	1.37	3.33	0.408	0.5	1.96	0.15 No	0.15	Unintentional Islanding

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SMT062	359	'8430482_/_9700812'		1.6	4	10	1.224	0.7	6.15	0.45 No	0.45 Unintentional Islanding
SMT062	360	'3085699_/_3085713'		1.6	4	10	1.224	3.6	6.22	0.45 No	0.45 Unintentional Islanding
SMT062	361	'43261718_/_3095491'		0.6	1.37	3.33	0.408	0.1	2	0.15 No	0.1 Element Fault
SMT062	362	'8507636_/_470596102'		0.57	1.67	3.33	0.408	0.5	1.75	0.14 No	0.14 Unintentional Islanding
SMT062	363	'3095841_/_3095838'		0.57	1.37	3.33	0.408	1.1	1.99	0.15 No	0.15 Unintentional Islanding
SMT062	364	'43260841_/_3091524'		0.57	1.37	3.33	0.408	0.5	1.94	0.15 No	0.15 Unintentional Islanding
SMT062	365	'40369291_/_8430480'		1.6	4	10	1.224	0.7	6.09	0.45 No	0.45 Unintentional Islanding
SMT062	366	'469861927_/_469861961'		0.57	1.67	3.33	0.408	0.5	1.73	0.14 No	0.14 Unintentional Islanding
SMT062	367	'3091527_/_43260843'		0.57	1.37	3.33	0.408	0.5	1.92	0.15 No	0.15 Unintentional Islanding
SMT062	368	'8430483_/_50263805'		1.6	4	10	1.224	0.7	6.03	0.45 No	0.45 Unintentional Islanding
SMT062	369	'43260885_/_3091686'		0.53	1.33	3.33	0.408	1.2	1.93	0.15 No	0.15 Unintentional Islanding
SMT062	370	'8755189_/_8755186'		1.5	3.9	10	1.224	0.7	5.99	0.45 No	0.45 Unintentional Islanding
SMT062	371	'102009315_/_3094393'		0.57	1.33	3.33	0.408	0.5	1.9	0.15 No	0.15 Unintentional Islanding
SMT062	372	'3095467_/_3095478'		0.57	1.3	3.33	0.408	0.1	1.93	0.15 No	0.1 Element Fault
SMT062	373	'43261796_/_3096240'		0.57	1.3	3.33	0.408	1.1	1.93	0.15 No	0.15 Unintentional Islanding
SMT062	374	'3085679_/_3085696'		1.6	3.8	10	1.224	3.6	5.97	0.45 No	0.45 Unintentional Islanding
SMT062	375	'3095760_/_3095851'		0.53	1.27	3.33	0.408	1.1	1.9	0.15 No	0.15 Unintentional Islanding
SMT062	376	'3096256_/_43261798'		0.53	1.27	3.33	0.408	1.1	1.88	0.15 No	0.15 Unintentional Islanding
SMT062	377	'3095468_/_3095465'		0.53	1.27	3.33	0.408	0.1	1.86	0.15 No	0.1 Element Fault
SMT062	378	'3091621_/_3091670'		0.5	1.27	3.33	0.408	1.2	1.83	0.15 No	0.15 Unintentional Islanding
SMT062	379	'414490650_/_414490654'		1	2.47	6.67	0.816	0.47	3.82	0.3 No	0.3 Unintentional Islanding
SMT062	380	'414490578_/_414490588'		1.5	3.7	10	1.224	0.7	5.7	0.45 No	0.45 Unintentional Islanding
SMT062	381	'3085547_/_3085676'		1.5	3.7	10	1.224	3.6	5.75	0.45 No	0.45 Unintentional Islanding
SMT062	382	'3085666_/_3085663_2'		0.5	1.2	3.33	0.408	1.1	1.9	0.15 No	0.15 Unintentional Islanding
SMT062	383	'3091620_/_3091618'		0.47	1.23	3.33	0.408	1.2	1.8	0.15 No	0.15 Unintentional Islanding
SMT062	384	'3085653_/_3085663_1'		0.5	1.2	3.33	0.408	0.3	1.88	0.15 No	0.15 Unintentional Islanding
SMT062	385	'3091608_/_43260876_2'		0.47	1.23	3.33	0.408	1.1	1.8	0.15 No	0.15 Unintentional Islanding
SMT062	386	'3096269_/_3096266_1'		0.37	0.87	3.33	0.408	0.2	1.82	0.15 No	0.15 Unintentional Islanding
SMT062	387	'3091647_/_3091657_1'		0.47	1.23	3.33	0.408	0.2	1.79	0.15 No	0.15 Unintentional Islanding
SMT062	388	'3095759_/_3095757'		0.53	1.2	3.33	0.408	1.1	1.8	0.15 No	0.15 Unintentional Islanding
SMT062	389	'3085640_/_3085650'		0.5	1.17	3.33	0.408	0.3	1.85	0.15 No	0.15 Unintentional Islanding
SMT062	390	'3087730_/_3087742'		0.93	2.33	6.67	0.816	2.2	3.68	0.3 No	0.3 Unintentional Islanding
SMT062	391	'43260874_/_43260876_1'		0.47	1.17	3.33	0.408	0.2	1.74	0.15 No	0.15 Unintentional Islanding
SMT062	392	'3085548_/_3085545'		1.4	3.5	10	1.224	3.6	5.45	0.45 No	0.45 Unintentional Islanding
SMT062	393	'3095773_/_3095770'		0.5	1.17	3.33	0.408	1.1	1.75	0.15 No	0.15 Unintentional Islanding
SMT062	394	'3091660_/_3091657_2'		0.47	1.17	3.33	0.408	0.2	1.73	0.15 No	0.15 Unintentional Islanding
SMT062	395	'63482599_/_414490612'		1.4	3.5	10	1.224	0.7	5.36	0.45 No	0.45 Unintentional Islanding
SMT062	396	'43257776_/_43257778'		0.93	2.27	6.67	0.816	2.2	3.6	0.3 No	0.3 Unintentional Islanding
SMT062	397	'3087715_/_3087712_2'		0.93	2.27	6.67	0.816	2.2	3.58	0.3 No	0.3 Unintentional Islanding
SMT062	398	'43257788_/_3085637'		0.47	1.13	3.33	0.408	0.3	1.79	0.15 No	0.15 Unintentional Islanding
SMT062	399	'3085824_/_3087712_1'		0.87	2.2	6.67	0.816	2.2	3.5	0.3 No	0.3 Unintentional Islanding
SMT062	400	'3085614_/_3085624'		0.47	1.1	3.33	0.408	0.3	1.75	0.15 No	0.15 Unintentional Islanding
SMT062	401	'3091433_/_3091592'		0.43	1.13	3.33	0.408	0.2	1.67	0.15 No	0.15 Unintentional Islanding
SMT062	402	'3085535_/_3085532_2'		0.43	1.1	3.33	0.408	1.1	1.74	0.15 No	0.15 Unintentional Islanding
SMT062	403	'3085568_/_3085565'		1.3	3.3	10	1.224	3.6	5.21	0.45 No	0.45 Unintentional Islanding
SMT062	404	'43260863_/_3091725'		0.43	1.1	3.33	0.408	0.2	1.66	0.15 No	0.15 Unintentional Islanding
SMT062	405	'3085613_/_3085611'		0.43	1.07	3.33	0.408	0.3	1.71	0.15 No	0.15 Unintentional Islanding
SMT062	406	'43257875_/_43257877'		0.43	1.07	3.33	0.408	1.1	1.71	0.15 No	0.15 Unintentional Islanding
SMT062	407	'3085522_/_3085532_1'		0.43	1.07	3.33	0.408	0.2	1.7	0.15 No	0.15 Unintentional Islanding
SMT062	408	'43260819_/_43260821'		0.43	1.1	3.33	0.408	0.2	1.62	0.15 No	0.15 Unintentional Islanding
SMT062	409	'3085584_/_3085582_2'		0.43	1.07	3.33	0.408	1.1	1.7	0.15 No	0.15 Unintentional Islanding
SMT062	410	'3091566_/_43260865'		0.43	1.07	3.33	0.408	0.2	1.62	0.15 No	0.15 Unintentional Islanding
SMT062	411	'3085509_/_3087697'		0.87	2.13	6.67	0.816	2.2	3.37	0.3 No	0.3 Unintentional Islanding
SMT062	412	'3087385_/_3108508_2'		0.87	2.13	6.67	0.816	2.2	3.36	0.3 No	0.3 Unintentional Islanding
SMT062	413	'43257862_/_3087428'		1.3	3.2	10	1.224	3.6	5.04	0.45 No	0.45 Unintentional Islanding
SMT062	414	'3085521_/_43257801'		0.43	1.03	3.33	0.408	0.2	1.67	0.15 No	0.15 Unintentional Islanding
SMT062	415	'3086122_/_3086119'		0.43	1.03	3.33	0.408	0.3	1.65	0.15 No	0.15 Unintentional Islanding
SMT062	416	'3096420_/_3108508_1'		0.87	2.07	6.67	0.816	0.4	3.3	0.3 No	0.3 Unintentional Islanding
SMT062	417	'3087468_/_3087482'		1.3	3.1	10	1.224	3.6	4.96	0.45 No	0.45 Unintentional Islanding
SMT062	418	'3085585_/_3085582_1'		0.43	1.03	3.33	0.408	0.3	1.64	0.15 No	0.15 Unintentional Islanding
SMT062	419	'3091407_/_3091417'		0.4	1.03	3.33	0.408	0.2	1.56	0.14 No	0.14 Unintentional Islanding
SMT062	420	'3087451_/_3087465'		1.2	3.1	10	1.224	3.6	4.89	0.45 No	0.45 Unintentional Islanding
SMT062	421	'3085496_/_3085506'		0.43	1.03	3.33	0.408	1.1	1.62	0.15 No	0.15 Unintentional Islanding
SMT062	422	'3091565_/_3091563'		0.4	1.03	3.33	0.408	0.2	1.56	0.14 No	0.14 Unintentional Islanding
SMT062	423	'3086067_/_3086132'		0.43	1	3.33	0.408	0.3	1.62	0.15 No	0.15 Unintentional Islanding
SMT062	424	'3096419_/_3096417'		0.8	2	6.67	0.816	0.4	3.22	0.3 No	0.3 Unintentional Islanding
SMT062	425	'3085601_/_3085598'		0.43	1	3.33	0.408	0.3	1.61	0.15 No	0.15 Unintentional Islanding
SMT062	426	'43260852_/_3091579'		0.4	1.03	3.33	0.408	0.2	1.55	0.14 No	0.14 Unintentional Islanding
SMT062	427	'414490692_/_414490711'		0.43	1.07	3.33	0.408	0.23	1.45	0.14 No	0.14 Unintentional Islanding
SMT062	428	'3086080_/_3086077'		0.4	1	3.33	0.408	0.3	1.58	0.15 No	0.15 Unintentional Islanding
SMT062	429	'43261829_/_43261831'		0.8	1.93	6.67	0.816	0.4	3.13	0.3 No	0.3 Unintentional Islanding
SMT062	430	'3085483_/_3085493'		0.43	0.97	3.33	0.408	1.1	1.56	0.15 No	0.15 Unintentional Islanding
SMT062	431	'3091394_/_3091404'		0.4	1	3.33	0.408	0.2	1.5	0.14 No	0.14 Unintentional Islanding
SMT062	432	'3086041_/_3086051'		0.4	0.97	3.33	0.408	0.3	1.56	0.15 No	0.15 Unintentional Islanding
SMT062	433	'3087450_/_3087448'		1.2	2.9	10	1.224	3.6	4.69	0.44 No	0.44 Unintentional Islanding
SMT062	434	'3086093_/_3086090'		0.4	0.97	3.33	0.408	0.3	1.55	0.15 No	0.15 Unintentional Islanding
SMT062	435	'3091552_/_43260854'		0.37	0.97	3.33	0.408	0.2	1.48	0.14 No	0.14 Unintentional Islanding
SMT062	436	'3086106_/_3086103'		0.4	0.97	3.33	0.408	0.3	1.53	0.15 No	0.15 Unintentional Islanding
SMT062	437	'43257765_/_43257767'		0.4	0.97	3.33	0.408	1.1	1.53	0.15 No	0.15 Unintentional Islanding
SMT062	438	'3134680_/_3134677'		1.1	2.8	10	1.224	3.6	4.55	0.44 No	0.44 Unintentional Islanding
SMT062	439	'3096402_/_3117187'		0.73	1.87	6.67	0.816	0.4	3.01	0.29 No	0.29 Unintentional Islanding
SMT062	440	'3086028_/_3086038'		0.4	0.93	3.33	0.408	0.3	1.5	0.15 No	0.15 Unintentional Islanding
SMT062	441	'3091381_/_3091391'		0.37	0.93	3.33	0.408	0.2	1.44	0.14 No	0.14 Unintentional Islanding
SMT062	442	'3085457_/_3085467'		0.4	0.93	3.33	0.408	1.1	1.49	0.15 No	0.15 Unintentional Islanding
SMT062	443	'3091553_/_3091550'		0.37	0.93	3.33	0.408	0.2	1.44	0.14 No	0.14 Unintentional Islanding
SMT062	444	'344703423_/_3086025'		0.37	0.93	3.33	0.408	0.3	1.48	0.15 No	0.15 Unintentional Islanding
SMT062	445	'43267988_/_3134697'		1.1	2.8	10	1.224	3.6	4.45	0.44 No	0.44 Unintentional Islanding
SMT062	446	'252230669_/_344703425'		0.37	0.9	3.33	0.408	0.3	1.45	0.15 No	0.15 Unintentional Islanding
SMT062	447	'3085427_/_3085454'		0.4	0.9	3.33	0.408	1.1	1.45	0.15 No	0.15 Unintentional Islanding
SMT062	448	'3096282_/_3096399'		0.73	1.8	6.67	0.816	0.4	2.9	0.29 No	0.29 Unintentional Islanding
SMT062	449	'3086148_/_3086145'		0.37	0.9	3.33	0.408	0.3	1.44	0.15 No	0.15 Unintentional Islanding
SMT062	450	'3096320_/_3096318_1'		0.37	0.9	3.33	0.408	0.2	1.44	0.15 No	0.15 Unintentional Islanding
SMT062	451	'3134751_/_43267990'		1.1	2.7	10	1.224	3.6	4.34	0.44 No	0.44 Unintentional Islanding
SMT062	452	'3091367_/_3091378'		0.37	0.9	3.33	0.408	0.2	1.39	0.14 No	0.14 Unintentional Islanding

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SMT062	453	'43261807_/_3096279'		0.37	0.9	3.33	0.408	0.2	1.42	0.15 No	0.15 Unintentional Islanding
SMT062	454	'3096502_/_3096499'		0.73	1.8	6.67	0.816	0.4	2.84	0.29 No	0.29 Unintentional Islanding
SMT062	455	'3086161_/_3086158'		0.37	0.87	3.33	0.408	0.3	1.42	0.15 No	0.15 Unintentional Islanding
SMT062	456	'43261774_/_3108495'		0.37	0.87	3.33	0.408	1.1	1.41	0.15 No	0.15 Unintentional Islanding
SMT062	457	'43257886_/_3085425'		0.37	0.87	3.33	0.408	1.1	1.4	0.15 No	0.15 Unintentional Islanding
SMT062	458	'3086177_/_3086174'		0.37	0.87	3.33	0.408	0.3	1.4	0.15 No	0.15 Unintentional Islanding
SMT062	459	'3096321_/_3096318_2'		0.37	0.87	3.33	0.408	0.2	1.4	0.15 No	0.15 Unintentional Islanding
SMT062	460	'43260808_/_3091365'		0.33	0.87	3.33	0.408	0.2	1.35	0.14 No	0.14 Unintentional Islanding
SMT062	461	'3096486_/_3096517'		0.73	1.73	6.67	0.816	0.4	2.8	0.29 No	0.29 Unintentional Islanding
SMT062	462	'3134768_/_3134765'		1	2.6	10	1.224	3.6	4.21	0.44 No	0.44 Unintentional Islanding
SMT062	463	'3091368_/_43260810'		0.33	0.87	3.33	0.408	0.2	1.35	0.14 No	0.14 Unintentional Islanding
SMT062	464	'3096550_/_3096471_3'		0.37	0.87	3.33	0.408	0.2	1.39	0.15 No	0.15 Unintentional Islanding
SMT062	465	'3096474_/_3096471_2'		0.33	0.87	3.33	0.408	0.2	1.38	0.15 No	0.15 Unintentional Islanding
SMT062	466	'3096165_/_43261776'		0.37	0.87	3.33	0.408	1.1	1.37	0.15 No	0.15 Unintentional Islanding
SMT062	467	'66402935_/_66402938'		0.37	0.87	3.33	0.408	0.2	1.37	0.15 No	0.15 Unintentional Islanding
SMT062	468	'3096461_/_3096471_1'		0.33	0.83	3.33	0.408	0.2	1.37	0.15 No	0.15 Unintentional Islanding
SMT062	469	'3096534_/_3096532'		0.67	1.67	6.67	0.816	0.4	2.71	0.29 No	0.29 Unintentional Islanding
SMT062	470	'3096334_/_3096331'		0.37	0.83	3.33	0.408	0.2	1.35	0.15 No	0.15 Unintentional Islanding
SMT062	471	'3135318_/_3134782'		1	2.5	10	1.224	3.6	4.07	0.44 No	0.44 Unintentional Islanding
SMT062	472	'3096178_/_3096305'		0.37	0.83	3.33	0.408	0.2	1.34	0.15 No	0.15 Unintentional Islanding
SMT062	473	'3135353_/_3135367_1'		1	2.5	10	1.224	1.5	4.06	0.44 No	0.44 Unintentional Islanding
SMT062	474	'3096164_/_3096162'		0.37	0.83	3.33	0.408	1.1	1.34	0.15 No	0.15 Unintentional Islanding
SMT062	475	'3135370_/_3135367_2'		1	2.5	10	1.224	1.5	4.03	0.44 No	0.44 Unintentional Islanding
SMT062	476	'3096592_/_3096589'		0.67	1.67	6.67	0.816	0.4	2.67	0.29 No	0.29 Unintentional Islanding
SMT062	477	'3096578_/_3096576'		0.33	0.83	3.33	0.408	0.2	1.33	0.15 No	0.15 Unintentional Islanding
SMT062	478	'43261785_/_43261787'		0.37	0.83	3.33	0.408	0.2	1.32	0.15 No	0.15 Unintentional Islanding
SMT062	479	'3096448_/_3096458'		0.33	0.83	3.33	0.408	0.2	1.32	0.15 No	0.15 Unintentional Islanding
SMT062	480	'3096216_/_3096214'		0.33	0.8	3.33	0.408	0.2	1.32	0.15 No	0.15 Unintentional Islanding
SMT062	481	'3096363_/_3096360'		0.33	0.8	3.33	0.408	0.2	1.32	0.15 No	0.15 Unintentional Islanding
SMT062	482	'3096177_/_3096175'		0.33	0.8	3.33	0.408	0.2	1.31	0.14 No	0.14 Unintentional Islanding
SMT062	483	'3134716_/_3135316'		1	2.4	10	1.224	3.5	3.95	0.44 No	0.44 Unintentional Islanding
SMT062	484	'3095131_/_3096604'		0.67	1.6	6.67	0.816	0.4	2.62	0.29 No	0.29 Unintentional Islanding
SMT062	485	'3096625_/_3096622'		0.33	0.8	3.33	0.408	0.2	1.3	0.14 No	0.14 Unintentional Islanding
SMT062	486	'3096447_/_3096445'		0.33	0.8	3.33	0.408	0.2	1.3	0.14 No	0.14 Unintentional Islanding
SMT062	487	'3096376_/_3096373'		0.33	0.8	3.33	0.408	0.2	1.29	0.14 No	0.14 Unintentional Islanding
SMT062	488	'3134717_/_3134714'		1	2.4	10	1.224	3.5	3.88	0.44 No	0.44 Unintentional Islanding
SMT062	489	'3095144_/_3095141'		0.67	1.6	6.67	0.816	0.4	2.57	0.29 No	0.29 Unintentional Islanding
SMT062	490	'3096638_/_3096635'		0.33	0.8	3.33	0.408	0.2	1.28	0.14 No	0.14 Unintentional Islanding
SMT062	491	'43261563_/_3095128'		0.33	0.8	3.33	0.408	0.2	1.28	0.14 No	0.14 Unintentional Islanding
SMT062	492	'3095162_/_3095159'		0.6	1.53	6.67	0.816	0.4	2.52	0.29 No	0.29 Unintentional Islanding
SMT062	493	'3095117_/_3095115'		0.3	0.77	3.33	0.408	0.2	1.26	0.14 No	0.14 Unintentional Islanding
SMT062	494	'3134802_/_3134799'		0.9	2.3	10	1.224	3.5	3.8	0.44 No	0.44 Unintentional Islanding
SMT062	495	'43261841_/_3096648'		0.3	0.77	3.33	0.408	0.2	1.25	0.14 No	0.14 Unintentional Islanding
SMT062	496	'3096651_/_43261843'		0.3	0.77	3.33	0.408	0.2	1.25	0.14 No	0.14 Unintentional Islanding
SMT062	497	'3134819_/_3134816'		0.9	2.3	10	1.224	3.5	3.77	0.44 No	0.44 Unintentional Islanding
SMT062	498	'43261574_/_3095174'		0.6	1.53	6.67	0.816	0.4	2.47	0.29 No	0.29 Unintentional Islanding
SMT062	499	'43257931_/_3134833'		0.9	2.2	10	1.224	3.5	3.68	0.43 No	0.43 Unintentional Islanding
SMT062	500	'3095192_/_3095189'		0.6	1.47	6.67	0.816	0.4	2.43	0.29 No	0.29 Unintentional Islanding
SMT062	501	'3087501_/_43257933'		0.9	2.2	10	1.224	3.5	3.65	0.43 No	0.43 Unintentional Islanding
SMT062	502	'43257944_/_3087917'		0.9	2.2	10	1.224	3.5	3.63	0.43 No	0.43 Unintentional Islanding
SMT062	503	'3095207_/_3095204'		0.6	1.47	6.67	0.816	0.4	2.4	0.29 No	0.29 Unintentional Islanding
SMT062	504	'3087236_/_3087499'		0.9	2.2	10	1.224	3.5	3.59	0.43 No	0.43 Unintentional Islanding
SMT062	505	'3087920_/_43257946'		0.9	2.2	10	1.224	3.5	3.58	0.43 No	0.43 Unintentional Islanding
SMT062	506	'43257955_/_3087930'		0.9	2.1	10	1.224	3.5	3.51	0.43 No	0.43 Unintentional Islanding
SMT062	507	'3087237_/_3087234'		0.8	2.1	10	1.224	3.5	3.48	0.43 No	0.43 Unintentional Islanding
SMT062	508	'3087257_/_3087254'		0.8	2.1	10	1.224	3.5	3.44	0.43 No	0.43 Unintentional Islanding
SMT062	509	'43257960_/_43257957'		0.8	2.1	10	1.224	3.5	3.42	0.43 No	0.43 Unintentional Islanding
SMT062	510	'43258156_/_3087274'		0.8	2.1	10	1.224	3.5	3.39	0.43 No	0.43 Unintentional Islanding
SMT062	511	'3087277_/_43258158'		0.8	2	10	1.224	0.9	3.38	0.43 No	0.43 Unintentional Islanding
SMT062	512	'8505786_/_8505783'		0.8	2	10	1.224	0.9	3.35	0.43 No	0.43 Unintentional Islanding
SMT062	513	'3095101_/_3095098'		0.1	0.3	10	1.224	0.1	0.52	0.35 No	0.1 Primary Over-Voltage
SMT062	514	'7245648_/_7245645'		0.1	0.3	10	1.224	0.1	0.51	0.35 No	0.1 Primary Over-Voltage
SMT063	0	'SMT063_/_8825464_2'		10	10	10	0.648	10	10	3.37 No	0.648 Thermal Discharging
SMT063	1	'114296589_/_8825464_2'		10	10	10	0.648	10	10	3.33 No	0.648 Thermal Discharging
SMT063	2	'58970218_/_8825464_1'		10	10	10	0.648	10	10	3.33 No	0.648 Thermal Discharging
SMT063	3	'58970214_/_3160762_2'		10	10	10	0.648	10	10	3.33 No	0.648 Thermal Discharging
SMT063	4	'58970206_/_3160762_1'		10	10	10	0.648	10	10	3.33 No	0.648 Thermal Discharging
SMT063	5	'58972854_/_3159172'		10	10	10	0.648	10	10	3.31 No	0.648 Thermal Discharging
SMT063	6	'58970240_/_58972851'		10	10	10	0.648	10	10	3.28 No	0.648 Thermal Discharging
SMT063	7	'58970402_/_3159189'		10	10	10	0.648	10	10	3.26 No	0.648 Thermal Discharging
SMT063	8	'58970445_/_3159206'		10	10	10	0.648	10	10	3.26 No	0.648 Thermal Discharging
SMT063	9	'58970484_/_3134146'		10	10	10	0.648	10	10	3.26 No	0.648 Thermal Discharging
SMT063	10	'58970558_/_3134512'		10	10	10	0.648	10	10	3.26 No	0.648 Thermal Discharging
SMT063	11	'58970592_/_475348286'		10	10	10	0.648	10	10	3.26 No	0.648 Thermal Discharging
SMT063	12	'58970624_/_3134092'		10	10	10	0.648	10	10	3.26 No	0.648 Thermal Discharging
SMT063	13	'58970717_/_3134109'		10	10	10	0.648	10	10	3.26 No	0.648 Thermal Discharging
SMT063	14	'58970740_/_58970714'		10	10	10	0.648	10	10	3.26 No	0.648 Thermal Discharging
SMT063	15	'58970744_/_58970737'		10	10	10	0.648	10	10	3.26 No	0.648 Thermal Discharging
SMT063	16	'58970760_/_3134129'		10	10	10	0.648	10	10	3.26 No	0.648 Thermal Discharging
SMT063	17	'58970820_/_3134336'		10	10	10	0.648	10	10	3.26 No	0.648 Thermal Discharging
SMT063	18	'58970836_/_3145406'		10	10	10	0.648	10	10	3.26 No	0.648 Thermal Discharging
SMT063	19	'58970848_/_3145332'		10	10	10	0.648	10	10	3.26 No	0.648 Thermal Discharging
SMT063	20	'58970904_/_3145244'		10	10	10	0.648	10	10	3.26 No	0.648 Thermal Discharging
SMT063	21	'58970986_/_58970901'		9.6	10	10	0.648	10	10	3.26 No	0.648 Thermal Discharging
SMT063	22	'58971654_/_58970983'		9	10	10	0.648	10	10	3.26 No	0.648 Thermal Discharging
SMT063	23	'58973532_/_3099046'		8.6	10	10	0.648	10	10	3.26 No	0.648 Thermal Discharging
SMT063	24	'58971881_/_3130520_1'		2.87	3.33	3.33	0.216	0.5	3.33	1.09 No	0.216 Thermal Discharging
SMT063	25	'58973418_/_3099063'		8.1	10	10	0.648	10	10	3.26 No	0.648 Thermal Discharging
SMT063	26	'58973454_/_3144163_1'		7.8	10	10	0.648	10	10	3.26 No	0.648 Thermal Discharging
SMT063	27	'58973477_/_58973452_1'		2.43	3.33	3.33	0.216	3.33	3.33	1.09 No	0.216 Thermal Discharging
SMT063	28	'3144166_/_3144163_2'		7.4	10	10	0.648	10	10	3.26 No	0.648 Thermal Discharging
SMT063	29	'3143764_/_3144180'		7.1	10	10	0.648	10	10	3.26 No	0.648 Thermal Discharging
SMT063	30	'3143765_/_3143762'		6.9	10	10	0.648	10	10	3.26 No	0.648 Thermal Discharging
SMT063	31	'43268847_/_3143816'		6.7	10	10	0.648	10	10	3.26 No	0.648 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SMT063	32	'3143853_/_/43268849'		6.5	10	10	0.648	10	10	3.26 No	0.648 Thermal Discharging
SMT063	33	'3143835_/_/3143910'		6.4	10	10	0.648	10	10	3.26 No	0.648 Thermal Discharging
SMT063	34	'360234436_/_/360234433'		6	10	10	0.648	4.7	10	3.26 No	0.648 Thermal Discharging
SMT063	35	'3132286_/_/3143833'		6.3	10	10	0.648	10	10	3.26 No	0.648 Thermal Discharging
SMT063	36	'43268860_/_/3143950'		6.2	10	10	0.648	10	10	3.26 No	0.648 Thermal Discharging
SMT063	37	'43268834_/_/3132284'		6.2	10	10	0.648	10	10	3.26 No	0.648 Thermal Discharging
SMT063	38	'58971870_/_/3130520_2'	1.93		3.33	3.33	0.216	0.5	3.33	1.09 No	0.216 Thermal Discharging
SMT063	39	'3132219_/_/3132216'		6	10	10	0.648	10	10	3.26 No	0.648 Thermal Discharging
SMT063	40	'58973455_/_/58973452_2'	1.9		3.33	3.33	0.216	1.5	3.33	1.09 No	0.216 Thermal Discharging
SMT063	41	'3132236_/_/3132233'		5.9	10	10	0.648	10	10	3.26 No	0.648 Thermal Discharging
SMT063	42	'3132253_/_/3132250'		5.8	10	10	0.648	10	10	3.26 No	0.648 Thermal Discharging
SMT063	43	'43256937_/_/3132267'		5.7	10	10	0.648	10	10	3.26 No	0.648 Thermal Discharging
SMT063	44	'3099015_/_/3099012'		5.6	10	10	0.648	10	10	3.26 No	0.648 Thermal Discharging
SMT063	45	'3099032_/_/3099029'		5.5	10	10	0.648	10	10	3.26 No	0.648 Thermal Discharging
SMT063	46	'360234456_/_/360234453'		5.1	10	10	0.648	4.7	10	3.26 No	0.648 Thermal Discharging
SMT063	47	'3135925_/_/3135922'		5.5	10	10	0.648	10	10	3.26 No	0.648 Thermal Discharging
SMT063	48	'43268865_/_/43268862'		5.2	10	10	0.648	4.7	10	3.26 No	0.648 Thermal Discharging
SMT063	49	'361052692_/_/361052666_1'		5.1	10	10	0.648	1.5	10	3.26 No	0.648 Thermal Discharging
SMT063	50	'3135891_/_/3135956'		5.4	10	10	0.648	10	10	3.26 No	0.648 Thermal Discharging
SMT063	51	'360234326_/_/361052666_2'		4.8	10	10	0.648	1.5	10	3.26 No	0.648 Thermal Discharging
SMT063	52	'3135853_/_/43268060'		5.2	10	10	0.648	10	10	3.26 No	0.648 Thermal Discharging
SMT063	53	'3110241_/_/3135851'		5.1	10	10	0.648	10	10	3.26 No	0.648 Thermal Discharging
SMT063	54	'3110242_/_/3110239'		5	10	10	0.648	10	10	3.26 No	0.648 Thermal Discharging
SMT063	55	'3110259_/_/3110256'		5	10	10	0.648	10	10	3.26 No	0.648 Thermal Discharging
SMT063	56	'58971889_/_/3145231'	1.47		3.33	3.33	0.216	0.5	3.33	1.09 No	0.216 Thermal Discharging
SMT063	57	'3110276_/_/3110273'		4.8	10	10	0.648	10	10	3.26 No	0.648 Thermal Discharging
SMT063	58	'3098946_/_/3110290'		4.7	10	10	0.648	10	10	3.26 No	0.648 Thermal Discharging
SMT063	59	'3098947_/_/3098944'		4.6	10	10	0.648	10	10	3.26 No	0.648 Thermal Discharging
SMT063	60	'43256900_/_/3110205'		4.5	10	10	0.648	10	10	3.26 No	0.648 Thermal Discharging
SMT063	61	'3110174_/_/3110171'		4.5	10	10	0.648	10	10	3.26 No	0.648 Thermal Discharging
SMT063	62	'3110191_/_/3110188'		4.4	10	10	0.648	10	10	3.26 No	0.648 Thermal Discharging
SMT063	63	'566669601_/_/566669598'		4.4	10	10	0.648	10	10	3.26 No	0.648 Thermal Discharging
SMT063	64	'3141721_/_/3142126'		4.3	10	10	0.648	10	10	3.26 No	0.648 Thermal Discharging
SMT063	65	'3142146_/_/3142143'		4.3	10	10	0.648	10	10	3.26 No	0.648 Thermal Discharging
SMT063	66	'3142197_/_/3142194'		4.3	10	10	0.648	10	10	3.26 No	0.648 Thermal Discharging
SMT063	67	'3141705_/_/3141702_2'	1.43		3.33	3.33	0.216	1.1	3.33	1.09 No	0.216 Thermal Discharging
SMT063	68	'3142217_/_/3142214'		4.2	10	10	0.648	10	10	3.26 No	0.648 Thermal Discharging
SMT063	69	'3142163_/_/3142160'		4.2	10	10	0.648	10	10	3.26 No	0.648 Thermal Discharging
SMT063	70	'3142234_/_/3142231_1'		4.2	10	10	0.648	10	10	3.26 No	0.648 Thermal Discharging
SMT063	71	'3141399_/_/3142231_2'		4.2	10	10	0.648	10	10	3.26 No	0.648 Thermal Discharging
SMT063	72	'3141601_/_/3142282'		4.1	10	10	0.648	10	10	3.26 No	0.648 Thermal Discharging
SMT063	73	'3142268_/_/3142265'		4.1	10	10	0.648	10	10	3.26 No	0.648 Thermal Discharging
SMT063	74	'43268734_/_/3142177'		4.1	10	10	0.648	10	10	3.26 No	0.648 Thermal Discharging
SMT063	75	'71499894_/_/3141614_2'	2.73		6.67	6.67	0.432	2.3	6.67	2.17 No	0.432 Thermal Discharging
SMT063	76	'3142389_/_/3142438'		4	10	10	0.648	10	10	3.26 No	0.648 Thermal Discharging
SMT063	77	'3142390_/_/3142387'		4	10	10	0.648	10	10	3.26 No	0.648 Thermal Discharging
SMT063	78	'3131710_/_/3142404'		4	10	10	0.648	10	10	3.26 No	0.648 Thermal Discharging
SMT063	79	'3141400_/_/3141397'		3.9	10	10	0.648	4.1	10	3.26 No	0.648 Thermal Discharging
SMT063	80	'3111041_/_/3142421'		3.9	10	10	0.648	10	10	3.26 No	0.648 Thermal Discharging
SMT063	81	'3131709_/_/3142475_2'	1.3		3.33	3.33	0.216	1.1	3.33	1.09 No	0.216 Thermal Discharging
SMT063	82	'43257596_/_/3111039'		3.9	10	10	0.648	10	10	3.26 No	0.648 Thermal Discharging
SMT063	83	'3085124_/_/3112796'		3.8	10	10	0.648	10	10	3.26 No	0.648 Thermal Discharging
SMT063	84	'43268772_/_/3141702_1'	1.23		3.33	3.33	0.216	0.5	3.33	1.09 No	0.216 Thermal Discharging
SMT063	85	'3085125_/_/3085142_1'		3.7	10	10	0.648	1.5	10	3.26 No	0.648 Thermal Discharging
SMT063	86	'43257609_/_/3112035'		3.7	10	10	0.648	10	10	3.26 No	0.648 Thermal Discharging
SMT063	87	'3087118_/_/43257611'		3.7	10	10	0.648	10	10	3.26 No	0.648 Thermal Discharging
SMT063	88	'3141616_/_/3141614_1'	2.4		6.67	6.67	0.432	1	6.67	2.17 No	0.432 Thermal Discharging
SMT063	89	'3141561_/_/43268736'		3.6	10	10	0.648	3.6	10	3.26 No	0.648 Thermal Discharging
SMT063	90	'3087119_/_/3087133_1'		3.7	10	10	0.648	1.5	10	3.26 No	0.648 Thermal Discharging
SMT063	91	'3112072_/_/3112069'		3.6	10	10	0.648	10	10	3.26 No	0.648 Thermal Discharging
SMT063	92	'3112089_/_/3112086'		3.6	10	10	0.648	10	10	3.26 No	0.648 Thermal Discharging
SMT063	93	'43268669_/_/3141417'		3.4	9.4	10	0.648	4.1	10	3.26 No	0.648 Thermal Discharging
SMT063	94	'3112207_/_/3112580'		3.5	9.8	10	0.648	10	10	3.26 No	0.648 Thermal Discharging
SMT063	95	'55165614_/_/3112597_2'		3.5	9.8	10	0.648	10	10	3.26 No	0.648 Thermal Discharging
SMT063	96	'3087136_/_/3087133_2'		3.5	9.6	10	0.648	1.5	10	3.26 No	0.648 Thermal Discharging
SMT063	97	'43257739_/_/3085142_2'		3.4	9.5	10	0.648	1.5	10	3.26 No	0.648 Thermal Discharging
SMT063	98	'3105460_/_/3142475_1'	1.17		3.17	3.33	0.216	0.5	3.33	1.09 No	0.216 Thermal Discharging
SMT063	99	'3141692_/_/3141731'	1.13		3.13	3.33	0.216	0.5	3.33	1.09 No	0.216 Thermal Discharging
SMT063	100	'3112105_/_/3112597_1'		3.5	9.6	10	0.648	10	10	3.26 No	0.648 Thermal Discharging
SMT063	101	'3087351_/_/3112103'		3.4	9.4	10	0.648	10	10	3.26 No	0.648 Thermal Discharging
SMT063	102	'107466218_/_/107466222'		3.3	9.1	10	0.648	1.5	10	3.26 No	0.648 Thermal Discharging
SMT063	103	'3085256_/_/3085253_2'		3.4	9.4	10	0.648	4.8	10	3.26 No	0.648 Thermal Discharging
SMT063	104	'3141635_/_/43268762'	2.13		6	6.67	0.432	1	6.67	2.17 No	0.432 Thermal Discharging
SMT063	105	'3086689_/_/3086687_1'		3.3	9.1	10	0.648	1.6	10	3.26 No	0.648 Thermal Discharging
SMT063	106	'3141436_/_/43268671'		3.2	8.7	10	0.648	4.1	10	3.26 No	0.648 Thermal Discharging
SMT063	107	'3141679_/_/3141689'	1.03		2.87	3.33	0.216	0.5	3.33	1.09 No	0.216 Thermal Discharging
SMT063	108	'3141562_/_/71499766'		3.1	8.6	10	0.648	3.6	10	3.26 No	0.648 Thermal Discharging
SMT063	109	'74453669_/_/3142333_1'		3.1	8.6	10	0.648	0.5	10	3.26 No	0.5 Element Fault
SMT063	110	'3142336_/_/3142333_2'		3.1	8.6	10	0.648	0.5	10	3.26 No	0.5 Element Fault
SMT063	111	'3085108_/_/43257741'		3.1	8.5	10	0.648	1.5	10	3.26 No	0.648 Thermal Discharging
SMT063	112	'3105447_/_/3105457'	1.07		2.87	3.33	0.216	0.5	3.33	1.09 No	0.216 Thermal Discharging
SMT063	113	'3085255_/_/3085253_1'		3.1	8.6	10	0.648	1.6	10	3.26 No	0.648 Thermal Discharging
SMT063	114	'3142058_/_/3142075'		3	8.5	10	0.648	3.6	10	3.26 No	0.648 Thermal Discharging
SMT063	115	'43268682_/_/3142299'		3	8.5	10	0.648	3.6	10	3.26 No	0.648 Thermal Discharging
SMT063	116	'49458046_/_/3142109_1'	2.4		5.9	10	0.648	4.1	10	3.26 No	0.648 Thermal Discharging
SMT063	117	'3141964_/_/3142055'		3	8.3	10	0.648	3.6	10	3.26 No	0.648 Thermal Discharging
SMT063	118	'3141963_/_/3141961'		3	8.3	10	0.648	3.6	10	3.26 No	0.648 Thermal Discharging
SMT063	119	'357871809_/_/43268710_2'		3	8.3	10	0.648	3.6	10	3.26 No	0.648 Thermal Discharging
SMT063	120	'3087156_/_/3087153'		3	8.2	10	0.648	1.5	10	3.26 No	0.648 Thermal Discharging
SMT063	121	'43268708_/_/43268710_1'		3	8.2	10	0.648	1.5	10	3.26 No	0.648 Thermal Discharging
SMT063	122	'43257517_/_/3086687_2'		3	8.2	10	0.648	1.6	10	3.26 No	0.648 Thermal Discharging
SMT063	123	'3141983_/_/3141981'		2.9	8.1	10	0.648	1.5	10	3.26 No	0.648 Thermal Discharging
SMT063	124	'3141666_/_/3141676'	0.97		2.67	3.33	0.216	0.5	3.33	1.09 No	0.216 Thermal Discharging
SMT063	125	'3085279_/_/3085276'		2.9	8	10	0.648	1.6	9.91	3.26 No	0.648 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SMT063	126	'3105434_/_3105444'	0.97	2.6	3.33	0.216	0.5	3.33	1.09 No	0.216	Thermal Discharging
SMT063	127	'3141437_/_3141434'	2.8	7.5	10	0.648	4.1	10	3.26 No	0.648	Thermal Discharging
SMT063	128	'43268593_/_43268595'	2.8	7.6	10	0.648	1.5	9.96	3.26 No	0.648	Thermal Discharging
SMT063	129	'3087334_/_3087331'	1.87	5	6.67	0.432	1	6.54	2.17 No	0.432	Thermal Discharging
SMT063	130	'3085236_/_3087170'	2.8	7.5	10	0.648	1.6	9.5	3.26 No	0.648	Thermal Discharging
SMT063	131	'43257530_/_43257519'	2.7	7.4	10	0.648	1.6	9.51	3.26 No	0.648	Thermal Discharging
SMT063	132	'3136855_/_3136852'	1.8	4.87	6.67	0.432	1	6.43	2.17 No	0.432	Thermal Discharging
SMT063	133	'43257648_/_3087314'	2.7	7.4	10	0.648	1.6	9.43	3.26 No	0.648	Thermal Discharging
SMT063	134	'3087189_/_3087187_1'	2.7	7.3	10	0.648	1.2	9.37	3.26 No	0.648	Thermal Discharging
SMT063	135	'3141504_/_3141761'	2.6	7.2	10	0.648	3.5	9.64	3.26 No	0.648	Thermal Discharging
SMT063	136	'3141653_/_3141663'	0.87	2.37	3.33	0.216	0.5	3.18	1.09 No	0.216	Thermal Discharging
SMT063	137	'7163520_/_7163518'	1.8	4.8	6.67	0.432	1.07	6.16	2.17 No	0.432	Thermal Discharging
SMT063	138	'3141505_/_3141502'	2.6	7	10	0.648	3.5	9.47	3.26 No	0.648	Thermal Discharging
SMT063	139	'3137876_/_43257624'	2.6	7	10	0.648	1.5	9.4	3.26 No	0.648	Thermal Discharging
SMT063	140	'3105405_/_3105431'	0.87	2.33	3.33	0.216	0.5	3.1	1.09 No	0.216	Thermal Discharging
SMT063	141	'43258143_/_43257532'	2.5	6.8	10	0.648	1.6	9.05	3.26 No	0.648	Thermal Discharging
SMT063	142	'43268656_/_3141451'	2.4	6.6	10	0.648	4.1	9.33	3.26 No	0.648	Thermal Discharging
SMT063	143	'3085235_/_3085233'	2.5	6.7	10	0.648	1.6	8.88	3.26 No	0.648	Thermal Discharging
SMT063	144	'3141784_/_3141797'	0.8	2.2	3.33	0.216	0.5	3.03	1.09 No	0.216	Thermal Discharging
SMT063	145	'3087190_/_3087187_2'	2.4	6.5	10	0.648	1.2	8.74	3.26 No	0.648	Thermal Discharging
SMT063	146	'3105418_/_3105509'	0.8	2.17	3.33	0.216	0.5	2.95	1.09 No	0.216	Thermal Discharging
SMT063	147	'3105473_/_3105470'	0.8	2.13	3.33	0.216	0.5	2.93	1.09 No	0.216	Thermal Discharging
SMT063	148	'3084315_/_3141650'	0.8	2.13	3.33	0.216	0.5	2.96	1.09 No	0.216	Thermal Discharging
SMT063	149	'43269080_/_43258145'	2.4	6.4	10	0.648	1.6	8.7	3.26 No	0.648	Thermal Discharging
SMT063	150	'3144687_/_7874489_2'	2.4	6.4	10	0.648	1.6	8.67	3.26 No	0.648	Thermal Discharging
SMT063	151	'8505766_/_8505763'	2.4	6.4	10	0.648	1.2	8.59	3.26 No	0.648	Thermal Discharging
SMT063	152	'7874491_/_7874489_1'	2.3	6.3	10	0.648	0.9	8.56	3.26 No	0.648	Thermal Discharging
SMT063	153	'3141525_/_43268723'	2.2	6.2	10	0.648	3.5	8.67	3.26 No	0.648	Thermal Discharging
SMT063	154	'3141545_/_3141542'	2.2	5.9	10	0.648	4.1	8.68	3.26 No	0.648	Thermal Discharging
SMT063	155	'43268783_/_43268785'	0.73	2.03	3.33	0.216	0.5	2.85	1.09 No	0.216	Thermal Discharging
SMT063	156	'3142095_/_3142458_1'	2.2	5.9	10	0.648	1.5	8.67	3.26 No	0.648	Thermal Discharging
SMT063	157	'3141812_/_3142458_2'	2.2	5.9	10	0.648	1.5	8.64	3.26 No	0.648	Thermal Discharging
SMT063	158	'3105417_/_3105415'	0.77	2.03	3.33	0.216	0.5	2.81	1.09 No	0.216	Thermal Discharging
SMT063	159	'3141783_/_3141781'	0.73	2	3.33	0.216	0.5	2.82	1.09 No	0.216	Thermal Discharging
SMT063	160	'3105486_/_3105483'	0.73	2	3.33	0.216	0.5	2.77	1.09 No	0.216	Thermal Discharging
SMT063	161	'239567454_/_239567473'	2.2	5.9	10	0.648	0.9	8.2	3.26 No	0.648	Thermal Discharging
SMT063	162	'3141813_/_3141810'	2.2	5.7	10	0.648	1.5	8.37	3.26 No	0.648	Thermal Discharging
SMT063	163	'43256913_/_3116962'	0.7	1.97	3.33	0.216	0.5	2.76	1.09 No	0.216	Thermal Discharging
SMT063	164	'3105525_/_3105522'	0.73	1.93	3.33	0.216	0.5	2.72	1.09 No	0.216	Thermal Discharging
SMT063	165	'3105498_/_3105496'	0.7	1.9	3.33	0.216	0.5	2.68	1.09 No	0.216	Thermal Discharging
SMT063	166	'3141487_/_3141744'	2.2	5.5	10	0.648	4	8.18	3.26 No	0.648	Thermal Discharging
SMT063	167	'3116977_/_43256915'	0.67	1.87	3.33	0.216	0.5	2.65	1.09 No	0.216	Thermal Discharging
SMT063	168	'3084316_/_3084313'	0.67	1.87	3.33	0.216	0.5	2.65	1.09 No	0.216	Thermal Discharging
SMT063	169	'3131990_/_3141830'	2.2	5.4	10	0.648	1.5	7.99	3.26 No	0.648	Thermal Discharging
SMT063	170	'3116978_/_3116975'	0.67	1.83	3.33	0.216	0.5	2.62	1.09 No	0.216	Thermal Discharging
SMT063	171	'43268643_/_3141485'	2.2	5.3	10	0.648	4	7.94	3.26 No	0.648	Thermal Discharging
SMT063	172	'386250516_/_386250499_1'	2.2	5.2	10	0.648	1.5	7.88	3.26 No	0.648	Thermal Discharging
SMT063	173	'3085181_/_3141847'	2.2	5.2	10	0.648	1.5	7.84	3.26 No	0.648	Thermal Discharging
SMT063	174	'3141867_/_3141864'	2.1	5.1	10	0.648	1.5	7.67	3.26 No	0.648	Thermal Discharging
SMT063	175	'3141906_/_386250499_2'	2.1	5.1	10	0.648	1.5	7.68	3.26 No	0.648	Thermal Discharging
SMT063	176	'3085182_/_3085179'	2.1	5.1	10	0.648	1.5	7.62	3.26 No	0.648	Thermal Discharging
SMT063	177	'3131989_/_3131987'	1.4	3.33	6.67	0.432	1	5.03	2.17 No	0.432	Thermal Discharging
SMT063	178	'53920048_/_3131851'	2.1	4.9	10	0.648	4	7.54	3.26 No	0.648	Thermal Discharging
SMT063	179	'53920222_/_53920143_1'	2.1	4.9	10	0.648	1.8	7.52	3.26 No	0.648	Thermal Discharging
SMT063	180	'53920211_/_53920143_2'	2.1	4.8	10	0.648	1.2	7.39	3.26 No	0.648	Thermal Discharging
SMT063	181	'53920146_/_53920143_3'	2.1	4.8	10	0.648	1.2	7.38	3.26 No	0.648	Thermal Discharging
SMT063	182	'3141887_/_3141884'	2	4.8	10	0.648	1.5	7.34	3.26 No	0.648	Thermal Discharging
SMT063	183	'43268630_/_53920052'	2	4.8	10	0.648	3.7	7.35	3.26 No	0.648	Thermal Discharging
SMT063	184	'370180229_/_370180081_1'	0.67	1.6	3.33	0.216	0.1	2.43	1.09 No	0.1	Element Fault
SMT063	185	'43257635_/_3085196'	2	4.8	10	0.648	1.5	7.27	3.26 No	0.648	Thermal Discharging
SMT063	186	'53920226_/_53920188'	2	4.7	10	0.648	1.2	7.29	3.26 No	0.648	Thermal Discharging
SMT063	187	'370180084_/_370180081_2'	0.67	1.53	3.33	0.216	0.1	2.35	1.09 No	0.1	Element Fault
SMT063	188	'43257726_/_3141944'	1.9	4.6	10	0.648	1.5	7.01	3.26 No	0.648	Thermal Discharging
SMT063	189	'43268821_/_43268632'	1.9	4.4	10	0.648	3.7	6.9	3.26 No	0.648	Thermal Discharging
SMT063	190	'3131722_/_3131720_1'	1.9	4.4	10	0.648	3.7	6.85	3.26 No	0.648	Thermal Discharging
SMT063	191	'3088059_/_43257728'	1.8	4.4	10	0.648	1.5	6.77	3.26 No	0.648	Thermal Discharging
SMT063	192	'60633712_/_3131720_2'	1.7	4.1	10	0.648	3.7	6.42	3.26 No	0.648	Thermal Discharging
SMT063	193	'60633729_/_60633726'	1.7	3.9	10	0.648	3.5	6.18	3.26 No	0.648	Thermal Discharging
SMT063	194	'60633711_/_3131811'	1.6	3.7	10	0.648	3.5	5.9	3.26 No	0.648	Thermal Discharging
SMT063	195	'3131759_/_3131757'	1.5	3.6	10	0.648	3.5	5.72	3.26 No	0.648	Thermal Discharging
SMT063	196	'43256887_/_43256889'	1.5	3.4	10	0.648	3.5	5.55	3.26 No	0.648	Thermal Discharging
SMT063	197	'43266901_/_3131885'	1.4	3.3	10	0.648	3.5	5.37	3.26 No	0.648	Thermal Discharging
SMT063	198	'3131967_/_3132638'	1.4	3.2	10	0.648	3.5	5.16	3.26 No	0.648	Thermal Discharging
SMT063	199	'3132615_/_3132625_1'	0.47	1.03	3.33	0.216	0.3	1.71	1.09 No	0.216	Thermal Discharging
SMT063	200	'3084253_/_3132595'	1.3	3.1	10	0.648	3.4	5.08	3.26 No	0.648	Thermal Discharging
SMT063	201	'3084236_/_3084250'	1.3	3.1	10	0.648	3.4	5.04	3.26 No	0.648	Thermal Discharging
SMT063	202	'3084302_/_3132625_2'	0.47	1.03	3.33	0.216	0.3	1.66	1.09 No	0.216	Thermal Discharging
SMT063	203	'43256874_/_3084233'	1.3	3	10	0.648	3.4	4.88	3.26 No	0.648	Thermal Discharging
SMT063	204	'460667615_/_3131964'	1.3	3	10	0.648	3.5	4.88	3.26 No	0.648	Thermal Discharging
SMT063	205	'3084303_/_3084300'	0.47	1	3.33	0.216	0.3	1.62	1.09 No	0.216	Thermal Discharging
SMT063	206	'460667603_/_427769066'	1.3	3	10	0.648	3.5	4.85	3.26 No	0.648	Thermal Discharging
SMT063	207	'427769135_/_427769107_1'	1.3	3	10	0.648	0.5	4.84	3.26 No	0.5	Element Fault
SMT063	208	'96656479_/_3084216'	1.3	2.9	10	0.648	3.4	4.81	3.26 No	0.648	Thermal Discharging
SMT063	209	'427769088_/_427769107_2'	1.2	2.9	10	0.648	0.5	4.75	3.26 No	0.5	Element Fault
SMT063	210	'3084218_/_96656488_2'	1.2	2.9	10	0.648	3.4	4.72	3.26 No	0.648	Thermal Discharging
SMT063	211	'3044038_/_7116543'	0.47	0.97	3.33	0.216	0.3	1.56	1.09 No	0.216	Thermal Discharging
SMT063	212	'43251670_/_96656488_1'	1.2	2.9	10	0.648	3.4	4.7	3.26 No	0.648	Thermal Discharging
SMT063	213	'3043839_/_7116506'	1.2	2.8	10	0.648	3.4	4.59	3.26 No	0.648	Thermal Discharging
SMT063	214	'43251694_/_43251696'	0.43	0.93	3.33	0.216	0.3	1.52	1.09 No	0.216	Thermal Discharging
SMT063	215	'157467392_/_7116490_1'	1.2	2.8	10	0.648	0.9	4.57	3.26 No	0.648	Thermal Discharging
SMT063	216	'43251752_/_3047466'	0.43	0.93	3.33	0.216	0.3	1.52	1.09 No	0.216	Thermal Discharging
SMT063	217	'3043998_/_3043996_1'	0.4	0.93	3.33	0.216	0.3	1.52	1.09 No	0.216	Thermal Discharging
SMT063	218	'3043816_/_3043836'	1.2	2.7	10	0.648	3.4	4.52	3.26 No	0.648	Thermal Discharging
SMT063	219	'3043999_/_3043996_2'	0.4	0.9	3.33	0.216	0.3	1.49	1.09 No	0.216	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
											VSR (MW)	Limiting Threshold
SMT063	220	'3088239_/_43251754'		0.43	0.9	3.33	0.216	0.3	1.48	1.09 No	0.216	Thermal Discharging
SMT063	221	'3084206_/_7116490_2'		1.2	2.7	10	0.648	0.9	4.46	3.26 No	0.648	Thermal Discharging
SMT063	222	'3043799_/_3043813'		1.2	2.7	10	0.648	3.4	4.45	3.26 No	0.648	Thermal Discharging
SMT063	223	'43251683_/_43251685'		0.43	0.9	3.33	0.216	0.3	1.48	1.09 No	0.216	Thermal Discharging
SMT063	224	'3044024_/_3044022'		0.43	0.9	3.33	0.216	0.3	1.47	1.09 No	0.216	Thermal Discharging
SMT063	225	'43251594_/_3043796'		1.2	2.6	10	0.648	3.4	4.38	3.26 No	0.648	Thermal Discharging
SMT063	226	'3084180_/_3084203'		1.1	2.6	10	0.648	0.9	4.38	3.26 No	0.648	Thermal Discharging
SMT063	227	'3044012_/_3044009'		0.4	0.87	3.33	0.216	0.3	1.45	1.09 No	0.216	Thermal Discharging
SMT063	228	'43258195_/_3088237'		0.4	0.87	3.33	0.216	0.3	1.44	1.09 No	0.216	Thermal Discharging
SMT063	229	'3044492_/_3044490'		1.1	2.6	10	0.648	3.4	4.34	3.26 No	0.648	Thermal Discharging
SMT063	230	'3088256_/_43258197'		0.4	0.87	3.33	0.216	0.3	1.43	1.09 No	0.216	Thermal Discharging
SMT063	231	'3043761_/_3044507'		1.1	2.6	10	0.648	3.4	4.29	3.26 No	0.648	Thermal Discharging
SMT063	232	'3088269_/_3088266'		0.4	0.87	3.33	0.216	0.3	1.42	1.09 No	0.216	Thermal Discharging
SMT063	233	'3084164_/_3084177'		1.1	2.6	10	0.648	0.9	4.25	3.26 No	0.648	Thermal Discharging
SMT063	234	'154768416_/_154768486'		1.1	2.5	10	0.648	0.9	4.22	3.26 No	0.648	Thermal Discharging
SMT063	235	'43251607_/_3044388'		0.4	0.83	3.33	0.216	0.3	1.4	1.09 No	0.216	Thermal Discharging
SMT063	236	'43258206_/_3088282'		0.4	0.83	3.33	0.216	0.3	1.38	1.09 No	0.216	Thermal Discharging
SMT063	237	'3084163_/_3084161'		0.37	0.83	3.33	0.216	0.3	1.39	1.09 No	0.216	Thermal Discharging
SMT063	238	'3084192_/_3084190'		0.37	0.83	3.33	0.216	0.3	1.38	1.09 No	0.216	Thermal Discharging
SMT063	239	'3043986_/_3044375'		0.4	0.83	3.33	0.216	0.3	1.37	1.09 No	0.216	Thermal Discharging
SMT063	240	'3043711_/_3043742'		1.1	2.5	10	0.648	3.4	4.09	3.26 No	0.648	Thermal Discharging
SMT063	241	'3043762_/_3043759'		1.1	2.5	10	0.648	3.4	4.08	3.26 No	0.648	Thermal Discharging
SMT063	242	'3088298_/_43258208'		0.4	0.83	3.33	0.216	0.3	1.35	1.09 No	0.216	Thermal Discharging
SMT063	243	'3043985_/_3043983'		0.4	0.8	3.33	0.216	0.3	1.34	1.09 No	0.216	Thermal Discharging
SMT063	244	'3117661_/_3117658'		0.37	0.8	3.33	0.216	0.3	1.32	1.09 No	0.216	Thermal Discharging
SMT063	245	'3043696_/_3043708'		1	2.4	10	0.648	3.4	3.97	3.26 No	0.648	Thermal Discharging
SMT063	246	'3043910_/_3043908'		1	2.4	10	0.648	3.4	3.96	3.26 No	0.648	Thermal Discharging
SMT063	247	'3043678_/_3043675_2'		0.67	1.6	6.67	0.432	2.27	2.63	2.17 No	0.432	Thermal Discharging
SMT063	248	'3084282_/_7116523'		1	2.3	10	0.648	3.4	3.87	3.26 No	0.648	Thermal Discharging
SMT063	249	'3084144_/_7116467'		1	2.3	10	0.648	3.4	3.86	3.26 No	0.648	Thermal Discharging
SMT063	250	'3043931_/_3043928'		1	2.3	10	0.648	3.4	3.85	3.26 No	0.648	Thermal Discharging
SMT063	251	'434442705_/_434442653_1'		1	2.3	10	0.648	0.9	3.85	3.26 No	0.648	Thermal Discharging
SMT063	252	'3084283_/_3084280'		1	2.3	10	0.648	3.4	3.84	3.26 No	0.648	Thermal Discharging
SMT063	253	'3043663_/_3043675_1'		0.67	1.53	6.67	0.432	0.6	2.56	2.17 No	0.432	Thermal Discharging
SMT063	254	'273792621_/_273792623'		0.67	1.53	6.67	0.432	0.6	2.51	2.17 No	0.432	Thermal Discharging
SMT063	255	'3043951_/_3043948'		1	2.2	10	0.648	3.4	3.73	3.26 No	0.648	Thermal Discharging
SMT063	256	'3084107_/_3084141'		1	2.2	10	0.648	3.4	3.73	3.26 No	0.648	Thermal Discharging
SMT063	257	'43251582_/_43251584'		0.67	1.47	6.67	0.432	2.27	2.48	2.17 No	0.432	Thermal Discharging
SMT063	258	'3043648_/_3043660'		0.67	1.47	6.67	0.432	0.6	2.48	2.17 No	0.432	Thermal Discharging
SMT063	259	'3044441_/_3044439'		0.67	1.47	6.67	0.432	2.27	2.47	2.17 No	0.432	Thermal Discharging
SMT063	260	'40762891_/_3055625'		1	2.2	10	0.648	3.4	3.7	3.26 No	0.648	Thermal Discharging
SMT063	261	'119528072_/_3084124'		1	2.2	10	0.648	3.3	3.69	3.26 No	0.648	Thermal Discharging
SMT063	262	'434442634_/_434442653_2'		1	2.2	10	0.648	0.9	3.68	3.26 No	0.648	Thermal Discharging
SMT063	263	'119528162_/_271536323_1'		1	2.2	10	0.648	0.9	3.68	3.26 No	0.648	Thermal Discharging
SMT063	264	'271536273_/_271536278'		0.67	1.47	6.67	0.432	0.6	2.43	2.17 No	0.432	Thermal Discharging
SMT063	265	'271536318_/_271536323_2'		1	2.2	10	0.648	0.9	3.64	3.26 No	0.648	Thermal Discharging
SMT063	266	'3084087_/_3084104'		1	2.2	10	0.648	3.4	3.64	3.26 No	0.648	Thermal Discharging
SMT063	267	'3084127_/_119528074'		1	2.2	10	0.648	3.3	3.64	3.26 No	0.648	Thermal Discharging
SMT063	268	'3058405_/_3058402'		0.9	2.2	10	0.648	3.4	3.62	3.26 No	0.648	Thermal Discharging
SMT063	269	'3043618_/_3043630'		0.6	1.47	6.67	0.432	0.6	2.41	2.17 No	0.432	Thermal Discharging
SMT063	270	'119528131_/_119528142'		0.9	2.1	10	0.648	0.9	3.59	3.26 No	0.648	Thermal Discharging
SMT063	271	'3058439_/_3058436'		0.9	2.1	10	0.648	3.4	3.56	3.26 No	0.648	Thermal Discharging
SMT063	272	'3084070_/_3084084'		0.9	2.1	10	0.648	3.4	3.56	3.26 No	0.648	Thermal Discharging
SMT063	273	'3058423_/_3058420_2'		0.3	0.7	3.33	0.216	1.13	1.18	1.09 No	0.216	Thermal Discharging
SMT063	274	'3043599_/_3043615'		0.6	1.4	6.67	0.432	0.6	2.34	2.17 No	0.432	Thermal Discharging
SMT063	275	'43251569_/_3058456'		0.9	2.1	10	0.648	3.4	3.48	3.26 No	0.648	Thermal Discharging
SMT063	276	'3058422_/_3058420_1'		0.3	0.7	3.33	0.216	0.3	1.16	1.09 No	0.216	Thermal Discharging
SMT063	277	'50730856_/_3084067'		0.9	2.1	10	0.648	3.4	3.46	3.26 No	0.648	Thermal Discharging
SMT063	278	'43251718_/_43251720'		0.6	1.33	6.67	0.432	0.6	2.29	2.17 No	0.432	Thermal Discharging
SMT063	279	'3044420_/_3044418'		0.6	1.33	6.67	0.432	0.6	2.28	2.17 No	0.432	Thermal Discharging
SMT063	280	'51991754_/_43256866'		0.9	2	10	0.648	3.4	3.42	3.26 No	0.648	Thermal Discharging
SMT063	281	'3058479_/_3058476'		0.9	2	10	0.648	3.4	3.41	3.26 No	0.648	Thermal Discharging
SMT063	282	'7143880_/_7143877'		0.3	0.67	3.33	0.216	0.3	1.13	1.09 No	0.216	Thermal Discharging
SMT063	283	'3043582_/_3043597'		0.6	1.33	6.67	0.432	0.6	2.26	2.17 No	0.432	Thermal Discharging
SMT063	284	'51991761_/_43256854'		0.9	2	10	0.648	3.4	3.36	3.26 No	0.648	Thermal Discharging
SMT063	285	'3058498_/_3058496'		0.9	2	10	0.648	3.4	3.34	3.26 No	0.648	Thermal Discharging
SMT063	286	'51991762_/_7133785'		0.9	2	10	0.648	3.4	3.33	3.26 No	0.648	Thermal Discharging
SMT063	287	'271536364_/_271536401'		0.33	0.67	3.33	0.216	0.3	1.05	1.09 No	0.216	Thermal Discharging
SMT063	288	'3043581_/_3043579'		0.6	1.33	6.67	0.432	0.6	2.21	2.17 No	0.432	Thermal Discharging
SMT063	289	'3058522_/_3058519'		0.8	2	10	0.648	3.4	3.3	3.26 No	0.648	Thermal Discharging
SMT063	290	'3058539_/_68309643'		0.8	2	10	0.648	3.4	3.29	3.26 No	0.648	Thermal Discharging
SMT063	291	'43255758_/_7143890'		0.3	0.63	3.33	0.216	0.3	1.09	1.09 No	0.216	Thermal Discharging
SMT063	292	'61558847_/_61558844'		0.3	0.63	3.33	0.216	0.3	1.08	1.09 No	0.216	Thermal Discharging
SMT063	293	'61558893_/_61558876_1'		0.3	0.63	3.33	0.216	0.1	1.08	1.09 No	0.1	Element Fault
SMT063	294	'3058556_/_3058553'		0.53	1.27	6.67	0.432	2.27	2.14	2.17 No	0.432	Thermal Discharging
SMT063	295	'61558869_/_61558876_2'		0.3	0.63	3.33	0.216	0.1	1.06	1.09 No	0.1	Element Fault
SMT063	296	'3043855_/_43255760'		0.3	0.63	3.33	0.216	0.3	1.05	1.09 No	0.216	Thermal Discharging
SMT063	297	'89040916_/_89040878_1'		0.3	0.63	3.33	0.216	0.1	1.04	1.09 No	0.1	Element Fault
SMT063	298	'89040867_/_89040878_2'		0.3	0.6	3.33	0.216	0.1	1.02	1.09 No	0.1	Element Fault
SMT063	299	'3043856_/_3043853'		0.3	0.6	3.33	0.216	0.3	1.01	1.09 No	0.216	Thermal Discharging
SMT063	300	'3059417_/_3059414'		0.3	0.6	3.33	0.216	0.3	1	1.09 No	0.216	Thermal Discharging
SMT063	301	'3043868_/_3043866'		0.3	0.6	3.33	0.216	0.3	1	1.09 No	0.216	Thermal Discharging
SMT063	302	'3059433_/_3059430'		0.3	0.6	3.33	0.216	0.3	0.99	1.09 No	0.216	Thermal Discharging
SMT063	303	'3078326_/_3078323'		0.3	0.57	3.33	0.216	0.3	0.98	1.09 No	0.216	Thermal Discharging
SMT063	304	'7244830_/_9137751_1'		0.27	0.57	3.33	0.216	0.1	0.97	1.09 No	0.1	Element Fault
SMT063	305	'3043882_/_3043879'		0.27	0.57	3.33	0.216	0.3	0.97	1.09 No	0.216	Thermal Discharging
SMT063	306	'8823018_/_9137751_2'		0.27	0.57	3.33	0.216	0.1	0.97	1.09 No	0.1	Element Fault
SMT063	307	'3043898_/_3043895'		0.27	0.57	3.33	0.216	0.3	0.96	1.09 No	0.216	Thermal Discharging
SMT063	308	'7872565_/_8823016'		0.27	0.57	3.33	0.216	0.1	0.94	1.09 No	0.1	Element Fault
SMT063	309	'7872566_/_7872563'		0.27	0.53	3.33	0.216	0.1	0.91	1.09 No	0.1	Element Fault
SMT071	0	'SMT071_/_64723742'		10	10	10	1.688	10	10	7.65 No	1.688	Thermal Discharging
SMT071	1	'114296160_/_64723742'		10	10	10	1.688	10	10	7.65 No	1.688	Thermal Discharging
SMT071	2	'114822786_/_64724778_1'		10	10	10	1.688	10	10	7.65 No	1.688	Thermal Discharging
SMT071	3	'68387153_/_64724778_2'		10	10	10	1.688	10	10	7.65 No	1.688	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SMT071	4	'68387154_/68387126'	10		10	1.688	10	10	7.65 No	1.688	Thermal Discharging
SMT071	5	'68387158_/68387100'	10		10	1.688	10	10	7.65 No	1.688	Thermal Discharging
SMT071	6	'68387162_/68387074'	10		10	1.688	10	10	7.65 No	1.688	Thermal Discharging
SMT071	7	'67061349_/68387244'	10		10	1.688	10	10	7.65 No	1.688	Thermal Discharging
SMT071	8	'68387235_/68387014'	10		10	1.688	10	10	7.65 No	1.688	Thermal Discharging
SMT071	9	'68387490_/68386988'	10		10	1.688	10	10	7.65 No	1.688	Thermal Discharging
SMT071	10	'3159649_/68386870'	10		10	1.688	10	10	7.65 No	1.688	Thermal Discharging
SMT071	11	'56901820_/3159646'	10		10	1.688	10	10	7.65 No	1.688	Thermal Discharging
SMT071	12	'56901823_/3159629'	10		10	1.688	10	10	7.65 No	1.688	Thermal Discharging
SMT071	13	'56901836_/3159612'	10		10	1.688	10	10	7.65 No	1.688	Thermal Discharging
SMT071	14	'56901859_/3159527'	10		10	1.688	10	10	7.65 No	1.688	Thermal Discharging
SMT071	15	'56901894_/3159371_2'	10		10	1.688	4.7	10	7.65 No	1.688	Thermal Discharging
SMT071	16	'56901928_/3159510'	10		10	1.688	10	10	7.65 No	1.688	Thermal Discharging
SMT071	17	'56902136_/3159493'	10		10	1.688	10	10	7.65 No	1.688	Thermal Discharging
SMT071	18	'56901951_/3160175'	10		10	1.688	10	10	7.65 No	1.688	Thermal Discharging
SMT071	19	'56902051_/3159459'	10		10	1.688	10	10	7.65 No	1.688	Thermal Discharging
SMT071	20	'56901999_/3159476'	10		10	1.688	10	10	7.65 No	1.688	Thermal Discharging
SMT071	21	'56902112_/3160155'	10		10	1.688	10	10	7.65 No	1.688	Thermal Discharging
SMT071	22	'56901981_/3158001'	10		10	1.688	10	10	7.65 No	1.688	Thermal Discharging
SMT071	23	'56901875_/3159371_1'	10		10	1.688	1.5	10	7.65 No	1.5	Element Fault
SMT071	24	'3157910_/43267697'	10		10	1.688	10	10	7.65 No	1.688	Thermal Discharging
SMT071	25	'49167054_/3158104_2'	10		10	1.688	10	10	7.65 No	1.688	Thermal Discharging
SMT071	26	'3158077_/3158104_1'	10		10	1.688	10	10	7.65 No	1.688	Thermal Discharging
SMT071	27	'3158078_/3158088_2'	3.33		3.33	0.56	1.4	3.33	2.55 No	0.56	Thermal Discharging
SMT071	28	'73243077_/3158392'	10		10	1.688	10	10	7.65 No	1.688	Thermal Discharging
SMT071	29	'3158090_/3158088_1'	3.33		3.33	0.56	0.5	3.33	2.55 No	0.5	Element Fault
SMT071	30	'3158341_/70262090'	10		10	1.688	10	10	7.65 No	1.688	Thermal Discharging
SMT071	31	'3158358_/3158355_1'	10		10	1.688	1.5	10	7.65 No	1.5	Element Fault
SMT071	32	'3158446_/3158443'	10		10	1.688	10	10	7.65 No	1.688	Thermal Discharging
SMT071	33	'3158357_/3158355_2'	10		10	1.688	1.5	10	7.65 No	1.5	Element Fault
SMT071	34	'3158340_/3158338'	10		10	1.688	10	10	7.65 No	1.688	Thermal Discharging
SMT071	35	'3158497_/3158494'	10		10	1.688	10	10	7.65 No	1.688	Thermal Discharging
SMT071	36	'379525312_/379525309'	10		10	1.688	4.6	10	7.65 No	1.688	Thermal Discharging
SMT071	37	'3158514_/3158511'	10		10	1.688	10	10	7.65 No	1.688	Thermal Discharging
SMT071	38	'3158531_/3158528'	10		10	1.688	10	10	7.65 No	1.688	Thermal Discharging
SMT071	39	'415789700_/415789682_1'	3.33		3.33	0.56	1.5	3.33	2.55 No	0.56	Thermal Discharging
SMT071	40	'415789685_/415789682_2'	3.33		3.33	0.56	1.5	3.33	2.55 No	0.56	Thermal Discharging
SMT071	41	'3158548_/3158545'	10		10	1.688	10	10	7.65 No	1.688	Thermal Discharging
SMT071	42	'3158599_/3158596'	10		10	1.688	10	10	7.65 No	1.688	Thermal Discharging
SMT071	43	'107882829_/107882774_1'	10		10	1.688	1.5	10	7.65 No	1.5	Element Fault
SMT071	44	'3158616_/3158613'	10		10	1.688	10	10	7.65 No	1.688	Thermal Discharging
SMT071	45	'3158633_/3158630'	10		10	1.688	10	10	7.65 No	1.688	Thermal Discharging
SMT071	46	'3158803_/3158800'	10		10	1.688	10	10	7.65 No	1.688	Thermal Discharging
SMT071	47	'44074892_/3158843'	10		10	1.688	10	10	7.65 No	1.688	Thermal Discharging
SMT071	48	'44074879_/44074894'	10		10	1.688	10	10	7.65 No	1.688	Thermal Discharging
SMT071	49	'44074866_/44074881'	10		10	1.688	10	10	7.65 No	1.688	Thermal Discharging
SMT071	50	'44074853_/44074868'	10		10	1.688	10	10	7.65 No	1.688	Thermal Discharging
SMT071	51	'105108841_/107882774_2'	10		10	1.688	1.5	10	7.65 No	1.5	Element Fault
SMT071	52	'3158057_/44074855'	10		10	1.688	10	10	7.65 No	1.688	Thermal Discharging
SMT071	53	'3157949_/3158055'	10		10	1.688	10	10	7.65 No	1.688	Thermal Discharging
SMT071	54	'3157950_/3157947'	10		10	1.688	10	10	7.65 No	1.688	Thermal Discharging
SMT071	55	'3157838_/3157967'	10		10	1.688	10	10	7.65 No	1.688	Thermal Discharging
SMT071	56	'3157839_/3157836'	10		10	1.688	10	10	7.65 No	1.688	Thermal Discharging
SMT071	57	'3157856_/3157853'	10		10	1.688	10	10	7.65 No	1.688	Thermal Discharging
SMT071	58	'3132866_/3157870'	10		10	1.688	10	10	7.65 No	1.688	Thermal Discharging
SMT071	59	'3132867_/3132864'	10		10	1.688	10	10	7.65 No	1.688	Thermal Discharging
SMT071	60	'3132884_/3132881'	10		10	1.688	10	10	7.65 No	1.688	Thermal Discharging
SMT071	61	'3132901_/3132898'	10		10	1.688	10	10	7.65 No	1.688	Thermal Discharging
SMT071	62	'3132937_/3132935'	10		10	1.688	10	10	7.65 No	1.688	Thermal Discharging
SMT071	63	'3132954_/3133261'	10		10	1.688	10	10	7.65 No	1.688	Thermal Discharging
SMT071	64	'3132955_/3132952'	10		10	1.688	10	10	7.65 No	1.688	Thermal Discharging
SMT071	65	'8757264_/3132915'	10		10	1.688	10	10	7.65 No	1.688	Thermal Discharging
SMT071	66	'67061524_/8757262_1'	10		10	1.688	10	10	7.65 No	1.688	Thermal Discharging
SMT071	67	'3133108_/3133122'	10		10	1.688	10	10	7.65 No	1.688	Thermal Discharging
SMT071	68	'3133091_/3133105'	10		10	1.688	10	10	7.65 No	1.688	Thermal Discharging
SMT071	69	'67061539_/8757262_2'	10		10	1.688	10	10	7.65 No	1.688	Thermal Discharging
SMT071	70	'7167774_/8757262_3'	10		10	1.688	10	10	7.65 No	1.688	Thermal Discharging
SMT071	71	'3133074_/3133088'	10		10	1.688	10	10	7.65 No	1.688	Thermal Discharging
SMT071	72	'44069320_/44069324'	10		10	1.688	10	10	7.65 No	1.688	Thermal Discharging
SMT071	73	'3133057_/3133071'	10		10	1.688	10	10	7.65 No	1.688	Thermal Discharging
SMT071	74	'44069335_/44069339'	10		10	1.688	10	10	7.65 No	1.688	Thermal Discharging
SMT071	75	'44069350_/44069352'	10		10	1.688	10	10	7.65 No	1.688	Thermal Discharging
SMT071	76	'44069365_/44069371'	10		10	1.688	10	10	7.65 No	1.688	Thermal Discharging
SMT071	77	'7167790_/7167751'	10		10	1.688	10	10	7.65 No	1.688	Thermal Discharging
SMT071	78	'7167791_/7167788'	10		10	1.688	10	10	7.65 No	1.688	Thermal Discharging
SMT071	79	'7167814_/50667189'	10		10	1.688	10	10	7.65 No	1.688	Thermal Discharging
SMT071	80	'7167815_/7167812'	10		10	1.688	10	10	7.65 No	1.688	Thermal Discharging
SMT071	81	'3110137_/50667164'	10		10	1.688	10	10	7.65 No	1.688	Thermal Discharging
SMT071	82	'558213861_/3110134_1'	10		10	1.688	10	10	7.65 No	1.688	Thermal Discharging
SMT071	83	'3098963_/3110134_2'	10		10	1.688	10	10	7.65 No	1.688	Thermal Discharging
SMT071	84	'54211791_/7808397'	10		10	1.688	6.1	10	7.65 No	1.688	Thermal Discharging
SMT071	85	'111854161_/428283473_1'	10		10	1.688	6.1	10	7.65 No	1.688	Thermal Discharging
SMT071	86	'68309677_/428283473_2'	10		10	1.688	5.3	10	7.65 No	1.688	Thermal Discharging
SMT071	87	'3098964_/3098961'	10		10	1.688	10	10	7.65 No	1.688	Thermal Discharging
SMT071	88	'43268082_/3136028'	10		10	1.688	10	10	7.65 No	1.688	Thermal Discharging
SMT071	89	'3084368_/43268084'	10		10	1.688	10	10	7.65 No	1.688	Thermal Discharging
SMT071	90	'3131904_/3130477'	10		10	1.688	10	10	7.65 No	1.688	Thermal Discharging
SMT071	91	'3084332_/3084329_2'	6.67		6.67	1.128	2.3	6.67	5.1 No	1.128	Thermal Discharging
SMT071	92	'547625017_/547624978_1'	10		10	1.688	1.5	10	7.65 No	1.5	Element Fault
SMT071	93	'43268695_/3131902'	10		10	1.688	10	10	7.65 No	1.688	Thermal Discharging
SMT071	94	'3084383_/7167836'	10		10	1.688	3.6	10	7.65 No	1.688	Thermal Discharging
SMT071	95	'547624962_/547624978_2'	10		10	1.688	1.5	10	7.65 No	1.5	Element Fault
SMT071	96	'348635268_/43256926'	8.8		10	1.688	3.6	10	7.65 No	1.688	Thermal Discharging
SMT071	97	'348635273_/348635270'	7.6		10	1.688	3.6	10	7.65 No	1.688	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SMT071	98	'348635358_/348635320_1'	7.4	10	10	1.688	2.3	10	7.65 No	1.688	Thermal Discharging
SMT071	99	'3084331_/3084329_1'	5.2	6.67	6.67	1.128	1	6.67	5.1 No	1	Element Fault
SMT071	100	'348635293_/348635320_2'	6.7	10	10	1.688	2.3	10	7.65 No	1.688	Thermal Discharging
SMT071	101	'3084350_/3084347'	3.67	6.67	6.67	1.128	1	6.67	5.1 No	1	Element Fault
SMT072	0	'SMT072_/64723538'	10	10	10	8	10	10	0.74 Yes	8	Thermal Discharging
SMT072	1	'114296134_/64723538'	10	10	10	8	10	10	0.74 Yes	8	Thermal Discharging
SMT072	2	'68387324_/64724804_1'	10	10	10	8	10	10	0.74 Yes	8	Thermal Discharging
SMT072	3	'68387290_/64724804_2'	10	10	10	8	10	10	0.74 Yes	8	Thermal Discharging
SMT072	4	'68387289_/68387266'	10	10	10	8	10	10	0.74 Yes	8	Thermal Discharging
SMT072	5	'67062216_/68387044'	10	10	10	8	10	10	0.74 Yes	8	Thermal Discharging
SMT072	6	'67062227_/68387508'	10	10	10	8	10	10	0.74 Yes	8	Thermal Discharging
SMT072	7	'68387502_/68387530'	10	10	10	8	10	10	0.74 Yes	8	Thermal Discharging
SMT072	8	'56901788_/68386901'	10	10	10	8	10	10	0.74 Yes	8	Thermal Discharging
SMT072	9	'3159683_/3159697'	10	10	10	8	10	10	0.73 Yes	8	Thermal Discharging
SMT072	10	'3159666_/3159680'	10	10	10	8	10	10	0.73 Yes	8	Thermal Discharging
SMT072	11	'56901832_/3159663'	10	10	10	8	10	10	0.73 Yes	8	Thermal Discharging
SMT072	12	'56901863_/3159578'	10	10	10	8	10	10	0.73 Yes	8	Thermal Discharging
SMT072	13	'56901936_/3160101'	10	10	10	8	10	10	0.73 Yes	8	Thermal Discharging
SMT072	14	'56902145_/3159595'	10	10	10	8	10	10	0.73 Yes	8	Thermal Discharging
SMT072	15	'56902054_/3159408'	10	10	10	8	10	10	0.73 Yes	8	Thermal Discharging
SMT072	16	'56902017_/3159391'	10	10	10	8	10	10	0.73 Yes	8	Thermal Discharging
SMT072	17	'56901991_/3158038'	10	10	10	8	10	10	0.73 Yes	8	Thermal Discharging
SMT072	18	'67061446_/3158141'	10	10	10	8	10	10	0.72 Yes	8	Thermal Discharging
SMT072	19	'72831600_/3157927_1'	10	10	10	8	1.7	10	0.72 Yes	1.7	Element Fault
SMT072	20	'3158126_/3158124'	10	10	10	8	10	10	0.72 Yes	8	Thermal Discharging
SMT072	21	'3158412_/3158409'	10	10	10	8	10	10	0.72 Yes	8	Thermal Discharging
SMT072	22	'3158480_/3158477'	10	10	10	8	10	10	0.72 Yes	8	Thermal Discharging
SMT072	23	'3158650_/3158647'	10	10	10	8	10	10	0.72 Yes	8	Thermal Discharging
SMT072	24	'3158667_/3158664'	10	10	10	8	10	10	0.72 Yes	8	Thermal Discharging
SMT072	25	'3158684_/3158681'	10	10	10	8	10	10	0.72 Yes	8	Thermal Discharging
SMT072	26	'3158701_/3158698'	10	10	10	8	10	10	0.71 Yes	8	Thermal Discharging
SMT072	27	'3158752_/3158749'	10	10	10	8	10	10	0.71 Yes	8	Thermal Discharging
SMT072	28	'3158769_/3158766'	10	10	10	8	10	10	0.71 Yes	8	Thermal Discharging
SMT072	29	'3157889_/3157927_2'	10	10	10	8	1.7	10	0.72 Yes	1.7	Element Fault
SMT072	30	'3158786_/3158783'	10	10	10	8	10	10	0.71 Yes	8	Thermal Discharging
SMT072	31	'3158825_/67383258'	10	10	10	8	10	10	0.71 Yes	8	Thermal Discharging
SMT072	32	'43256114_/7120292'	9.3	10	10	8	10	10	0.7 Yes	8	Thermal Discharging
SMT072	33	'43256128_/43256116'	8.9	10	10	8	10	10	0.7 Yes	8	Thermal Discharging
SMT072	34	'43256142_/43256130'	8.6	10	10	8	10	10	0.7 Yes	8	Thermal Discharging
SMT072	35	'43256156_/43256144'	8.3	10	10	8	10	10	0.7 Yes	8	Thermal Discharging
SMT072	36	'43256170_/43256158'	8	10	10	8	10	10	0.7 Yes	8	Primary Over-Voltage
SMT072	37	'76789503_/3157887'	7.8	10	10	8	1.7	10	0.72 Yes	1.7	Element Fault
SMT072	38	'43256184_/43256172'	7.6	10	10	8	10	10	0.7 Yes	7.6	Primary Over-Voltage
SMT072	39	'76974734_/76974708_1'	7.8	10	10	8	0.9	10	0.72 Yes	0.9	Element Fault
SMT072	40	'43256198_/43256186'	7.4	10	10	8	10	10	0.7 Yes	7.4	Primary Over-Voltage
SMT072	41	'3081864_/43256200'	7.1	10	10	8	10	10	0.69 Yes	7.1	Primary Over-Voltage
SMT072	42	'3081848_/3081862'	6.8	10	9.5	8	10	10	0.69 Yes	6.8	Primary Over-Voltage
SMT072	43	'102113180_/3081845'	6.7	10	9.4	8	10	10	0.69 Yes	6.7	Primary Over-Voltage
SMT072	44	'76974711_/76974708_2'	6.6	10	10	8	0.9	10	0.72 Yes	0.9	Element Fault
SMT072	45	'3157668_/76789497'	6.5	10	10	8	1.7	10	0.72 Yes	1.7	Element Fault
SMT072	46	'102113207_/102113182_1'	6.5	10	9.1	8	10	10	0.69 Yes	6.5	Primary Over-Voltage
SMT072	47	'3081746_/102113182_2'	6.5	10	9.1	8	10	10	0.69 Yes	6.5	Primary Over-Voltage
SMT072	48	'3081747_/3081744'	6.3	10	8.7	8	10	10	0.69 Yes	6.3	Primary Over-Voltage
SMT072	49	'3078252_/3081916'	6.5	10	9.1	8	10	10	0.69 Yes	6.5	Primary Over-Voltage
SMT072	50	'91622415_/91622412'	6	10	8.3	8	10	10	0.69 Yes	6	Primary Over-Voltage
SMT072	51	'7562223_/9137607_1'	2.1	3.33	2.9	2.664	0.3	3.33	0.23 Yes	0.3	Element Fault
SMT072	52	'91622440_/91622437'	5.9	10	8.2	8	10	10	0.69 Yes	5.9	Primary Over-Voltage
SMT072	53	'43255817_/3078250'	6.6	10	9.2	8	10	10	0.69 Yes	6.6	Primary Over-Voltage
SMT072	54	'102113284_/3078234_1'	2.2	3.33	3.07	2.664	0.5	3.33	0.23 Yes	0.5	Element Fault
SMT072	55	'91622465_/91622462'	5.8	10	8	8	10	10	0.68 Yes	5.8	Primary Over-Voltage
SMT072	56	'91622484_/91622481'	5.6	10	7.7	8	10	10	0.68 Yes	5.6	Primary Over-Voltage
SMT072	57	'3078283_/43255819'	6.6	10	9.3	8	10	10	0.68 Yes	6.6	Primary Over-Voltage
SMT072	58	'231222940_/231222922'	5.4	10	7.4	8	10	10	0.68 Yes	5.4	Primary Over-Voltage
SMT072	59	'91622634_/465496840'	5.6	10	7.7	8	10	10	0.68 Yes	5.6	Primary Over-Voltage
SMT072	60	'3157669_/3157666'	5.2	10	10	8	1.7	10	0.72 Yes	1.7	Element Fault
SMT072	61	'3077982_/231222937'	5.3	10	7.2	8	10	10	0.68 Yes	5.3	Primary Over-Voltage
SMT072	62	'91622657_/465496893'	5.6	10	7.8	8	10	10	0.68 Yes	5.6	Primary Over-Voltage
SMT072	63	'231270689_/231270686'	5.2	10	7.1	8	10	10	0.68 Yes	5.2	Primary Over-Voltage
SMT072	64	'520471838_/465496916_2'	5.7	10	7.8	8	10	10	0.68 Yes	5.7	Primary Over-Voltage
SMT072	65	'465496918_/465496916_1'	5.7	10	7.8	8	10	10	0.68 Yes	5.7	Primary Over-Voltage
SMT072	66	'91622816_/91622754_2'	1.9	3.33	2.6	2.664	1.4	3.33	0.23 Yes	1.4	Element Fault
SMT072	67	'7872498_/7872495_2'	1.77	3.33	2.4	2.664	1.8	3.33	0.23 Yes	1.77	Primary Over-Voltage
SMT072	68	'8822987_/9452796_1'	1.73	3.33	2.37	2.664	0.3	3.33	0.23 Yes	0.3	Element Fault
SMT072	69	'3078016_/231270710'	5	10	6.9	8	10	10	0.68 Yes	5	Primary Over-Voltage
SMT072	70	'465496938_/465496936'	5.7	10	7.8	8	10	10	0.68 Yes	5.7	Primary Over-Voltage
SMT072	71	'3075708_/3075705'	4.9	10	6.7	8	10	10	0.68 Yes	4.9	Primary Over-Voltage
SMT072	72	'465496958_/465496956'	5.7	10	7.9	8	10	10	0.68 Yes	5.7	Primary Over-Voltage
SMT072	73	'3078046_/3080118_1'	1.67	3.33	2.3	2.664	0.3	3.33	0.23 Yes	0.3	Element Fault
SMT072	74	'416876033_/3157783'	4.7	10	10	8	1.7	10	0.72 Yes	1.7	Element Fault
SMT072	75	'465496978_/465496976'	5.7	10	7.9	8	10	10	0.68 Yes	5.7	Primary Over-Voltage
SMT072	76	'89615870_/3076399'	4.7	10	6.3	8	10	10	0.67 Yes	4.7	Primary Over-Voltage
SMT072	77	'89618907_/44067491'	4.6	10	6.2	8	10	10	0.67 Yes	4.6	Primary Over-Voltage
SMT072	78	'8505523_/91622754_1'	1.9	3.33	2.6	2.664	0.1	3.33	0.23 Yes	0.1	Element Fault
SMT072	79	'465496998_/465496996'	5.7	10	8	8	10	10	0.67 Yes	5.7	Primary Over-Voltage
SMT072	80	'3078236_/3078234_2'	2.2	3.33	3.13	2.664	0.5	3.33	0.23 Yes	0.5	Element Fault
SMT072	81	'465497039_/465497016'	5.7	10	8	8	10	10	0.67 Yes	5.7	Primary Over-Voltage
SMT072	82	'89618935_/89618905'	4.4	10	6	8	10	10	0.67 Yes	4.4	Primary Over-Voltage
SMT072	83	'43254486_/465497036'	5.8	10	8	8	10	10	0.67 Yes	5.8	Primary Over-Voltage
SMT072	84	'89618970_/89618938'	4.4	9.9	5.9	8	10	10	0.67 Yes	4.4	Primary Over-Voltage
SMT072	85	'89619563_/89619522_2'	1.47	3.3	2	2.664	1.4	3.33	0.22 Yes	1.4	Element Fault
SMT072	86	'89619474_/89619522_1'	1.47	3.3	2	2.664	0.5	3.33	0.22 Yes	0.5	Element Fault
SMT072	87	'89619001_/89618973'	4.3	9.6	5.8	8	10	10	0.67 Yes	4.3	Primary Over-Voltage
SMT072	88	'43254474_/465497056'	5.8	10	8.1	8	10	10	0.67 Yes	5.8	Primary Over-Voltage
SMT072	89	'89619032_/89619004'	4.2	9.4	5.7	8	10	10	0.66 Yes	4.2	Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SMT072	90	'3075694_/3080118_2'	1.7	3.27	2.3	2.664	0.3	3.33	0.22	Yes	0.3 Element Fault
SMT072	91	'3157723_/3157720'	4.1	10	10	8	1.7	10	0.71	Yes	1.7 Element Fault
SMT072	92	'466856093_/466856090'	5.8	10	8.1	8	10	10	0.67	Yes	5.8 Primary Over-Voltage
SMT072	93	'465497072_/3076720_2'	3.87	6.67	5.33	5.336	1.9	6.67	0.45	Yes	1.9 Element Fault
SMT072	94	'89619063_/89619035'	4.1	9.3	5.6	8	10	10	0.66	Yes	4.1 Primary Over-Voltage
SMT072	95	'3077514_/466856108'	5.8	10	8.2	8	10	10	0.67	Yes	5.8 Primary Over-Voltage
SMT072	96	'89619094_/89619066'	4.1	9.1	5.5	8	10	10	0.66	Yes	4.1 Primary Over-Voltage
SMT072	97	'3157685_/416876035'	4.1	10	10	8	1.7	10	0.71	Yes	1.7 Element Fault
SMT072	98	'3078033_/3078030_2'	1.7	3.17	2.3	2.664	0.3	3.33	0.22	Yes	0.3 Element Fault
SMT072	99	'465497231_/3077551_1'	1.93	3.33	2.73	2.664	0.3	3.33	0.22	Yes	0.3 Element Fault
SMT072	100	'465497278_/465497144'	5.8	10	8.2	8	10	10	0.67	Yes	5.8 Primary Over-Voltage
SMT072	101	'89619125_/89619097'	4	8.9	5.4	8	10	10	0.66	Yes	4 Primary Over-Voltage
SMT072	102	'8505524_/8505521'	1.87	3.23	2.63	2.664	0.1	3.33	0.23	Yes	0.1 Element Fault
SMT072	103	'465497279_/465497276'	5.7	10	8.3	8	10	10	0.67	Yes	5.7 Primary Over-Voltage
SMT072	104	'89619905_/89619128'	3.9	8.7	5.2	8	10	10	0.66	Yes	3.9 Primary Over-Voltage
SMT072	105	'465497190_/3077525_1'	1.87	3.3	2.73	2.664	0.3	3.33	0.22	Yes	0.3 Element Fault
SMT072	106	'103699145_/3079908_2'	1.4	2.93	1.9	2.664	0.9	3.33	0.22	Yes	0.9 Element Fault
SMT072	107	'3157686_/3157683'	3.9	10	10	8	1.7	10	0.71	Yes	1.7 Element Fault
SMT072	108	'89619735_/89619742'	1.47	2.97	1.97	2.664	1.6	3.33	0.22	Yes	1.47 Primary Over-Voltage
SMT072	109	'466856055_/89619159_2'	3.8	8.5	5.1	8	10	10	0.66	Yes	3.8 Primary Over-Voltage
SMT072	110	'89619187_/89619159_1'	3.8	8.5	5.1	8	10	10	0.66	Yes	3.8 Primary Over-Voltage
SMT072	111	'434771050_/434771068'	1.47	2.93	1.97	2.664	1.4	3.33	0.22	Yes	1.4 Element Fault
SMT072	112	'3076027_/9137521_2'	1.47	2.93	1.97	2.664	1.4	3.33	0.22	Yes	1.4 Element Fault
SMT072	113	'89619227_/89619190'	3.7	8.3	5	8	10	10	0.66	Yes	3.7 Primary Over-Voltage
SMT072	114	'3079926_/3079924'	1.37	2.83	1.87	2.664	1.6	3.33	0.22	Yes	1.37 Primary Over-Voltage
SMT072	115	'7562206_/7872391_1'	1.37	2.83	1.87	2.664	0.3	3.33	0.22	Yes	0.3 Element Fault
SMT072	116	'89619264_/89619231'	3.7	8.1	5	8	10	10	0.66	Yes	3.7 Primary Over-Voltage
SMT072	117	'103699152_/53447569_2'	3.7	8.1	5	8	4.7	10	0.66	Yes	3.7 Primary Over-Voltage
SMT072	118	'7872497_/7872495_1'	1.73	2.93	2.47	2.664	0.3	3.33	0.22	Yes	0.3 Element Fault
SMT072	119	'89619301_/89619268'	3.6	7.9	4.9	8	10	10	0.65	Yes	3.6 Primary Over-Voltage
SMT072	120	'89619333_/89619305'	3.5	7.8	4.8	8	10	10	0.65	Yes	3.5 Primary Over-Voltage
SMT072	121	'3077554_/3077551_2'	1.7	3.03	2.77	2.664	0.3	3.33	0.22	Yes	0.3 Element Fault
SMT072	122	'107403214_/3076073'	1.3	2.63	1.77	2.664	1	3.33	0.22	Yes	1 Element Fault
SMT072	123	'89618854_/89619346'	3.5	7.7	4.7	8	10	10	0.65	Yes	3.5 Primary Over-Voltage
SMT072	124	'148845294_/89619941_2'	1.3	2.63	1.77	2.664	1	3.33	0.22	Yes	1 Element Fault
SMT072	125	'89618880_/89618851'	3.4	7.5	4.6	8	10	10	0.65	Yes	3.4 Primary Over-Voltage
SMT072	126	'103699131_/3076258_2'	3.6	7.5	4.8	8	3.6	10	0.65	Yes	3.6 Primary Over-Voltage
SMT072	127	'7562238_/9452796_2'	1.33	2.37	2.47	2.664	0.3	3.33	0.22	Yes	0.3 Element Fault
SMT072	128	'3157748_/3157816'	3.4	9.1	10	8	1.7	10	0.71	Yes	1.7 Element Fault
SMT072	129	'89618881_/89618878'	3.4	7.3	4.5	8	10	10	0.65	Yes	3.4 Primary Over-Voltage
SMT072	130	'92284062_/53447569_1'	3.7	7.6	5.1	8	0.9	10	0.66	Yes	0.9 Element Fault
SMT072	131	'89619410_/89619377'	3.3	7.2	4.4	8	10	10	0.65	Yes	3.3 Primary Over-Voltage
SMT072	132	'103699138_/3076316_2'	2.27	4.8	3.07	5.336	2.2	6.67	0.43	Yes	2.2 Element Fault
SMT072	133	'3078032_/3078030_1'	1.7	2.67	2.33	2.664	0.2	3.33	0.22	Yes	0.2 Element Fault
SMT072	134	'43255399_/3077567'	1.57	2.83	2.8	2.664	0.3	3.33	0.22	Yes	0.3 Element Fault
SMT072	135	'89617260_/89268312'	3.3	7.1	4.4	8	10	10	0.65	Yes	3.3 Primary Over-Voltage
SMT072	136	'3077570_/8505617_1'	1.57	2.83	2.8	2.664	0.1	3.33	0.22	Yes	0.1 Element Fault
SMT072	137	'8822854_/9137521_1'	1.47	2.57	2	2.664	0.3	3.33	0.22	Yes	0.3 Element Fault
SMT072	138	'3076793_/3079908_1'	1.4	2.5	1.9	2.664	0.3	3.33	0.22	Yes	0.3 Element Fault
SMT072	139	'89617419_/3076316_1'	2.27	4.73	3.07	5.336	0.6	6.67	0.43	Yes	0.6 Element Fault
SMT072	140	'3076599_/3076684'	3.2	6.9	4.2	8	10	9.76	0.64	Yes	3.2 Primary Over-Voltage
SMT072	141	'3157749_/3157746'	3.2	8.6	10	8	1.7	10	0.71	Yes	1.7 Element Fault
SMT072	142	'3157703_/3157700'	3.2	8.6	10	8	1.7	10	0.71	Yes	1.7 Element Fault
SMT072	143	'43254509_/3075692'	1.7	2.57	2.37	2.664	0.3	3.33	0.22	Yes	0.3 Element Fault
SMT072	144	'3076582_/3076596'	3.1	6.7	4.2	8	10	9.66	0.64	Yes	3.1 Primary Over-Voltage
SMT072	145	'43255310_/3076720_1'	2.93	5.27	5.47	5.336	0.6	6.67	0.45	Yes	0.6 Element Fault
SMT072	146	'8508075_/8824502_2'	3.2	8.4	10	8	1.7	10	0.71	Yes	1.7 Element Fault
SMT072	147	'3076581_/3076579'	3.1	6.6	4.1	8	10	9.56	0.64	Yes	3.1 Primary Over-Voltage
SMT072	148	'405348603_/9137607_2'	1.63	2.63	3.1	2.664	0.3	3.33	0.23	Yes	0.3 Element Fault
SMT072	149	'3132853_/3132851_1'	1.1	2.8	3.33	2.664	0.3	3.33	0.24	Yes	0.3 Element Fault
SMT072	150	'107302866_/107302849_1'	1.03	2.23	1.4	2.664	0.5	3.19	0.21	Yes	0.5 Element Fault
SMT072	151	'3077863_/3077877'	3	6.5	4.1	8	10	9.46	0.64	Yes	3 Primary Over-Voltage
SMT072	152	'3076738_/43255323_2'	1.43	2.57	2.73	2.664	0.3	3.33	0.22	Yes	0.3 Element Fault
SMT072	153	'3075477_/3077860'	3	6.5	4	8	10	9.36	0.64	Yes	3 Primary Over-Voltage
SMT072	154	'3075478_/3075491_2'	1	2.17	1.33	2.664	1.1	3.1	0.21	Yes	1 Primary Over-Voltage
SMT072	155	'3076260_/3076258_1'	3.6	6.7	4.8	8	0.9	9.77	0.65	Yes	0.9 Element Fault
SMT072	156	'3075354_/3077843'	2.9	6.3	3.9	8	10	9.22	0.64	Yes	2.9 Primary Over-Voltage
SMT072	157	'3075341_/3075339_1'	0.97	2.1	1.3	2.664	0.3	3.06	0.21	Yes	0.3 Element Fault
SMT072	158	'3077806_/3077820'	2.9	6.2	3.8	8	10	9.09	0.64	Yes	2.9 Primary Over-Voltage
SMT072	159	'7562239_/9452780'	1.37	2.4	2.5	2.664	0.3	3.33	0.22	Yes	0.3 Element Fault
SMT072	160	'3077789_/3077803'	2.8	6.1	3.8	8	10	9	0.63	Yes	2.8 Primary Over-Voltage
SMT072	161	'3076062_/89619941_1'	1.3	2.23	1.77	2.664	0.5	3.28	0.22	Yes	0.5 Element Fault
SMT072	162	'3076319_/43254745'	2.27	4.27	3.07	5.336	0.6	6.28	0.43	Yes	0.6 Element Fault
SMT072	163	'8824504_/8824502_1'	2.9	7.8	10	8	0.9	10	0.71	Yes	0.9 Element Fault
SMT072	164	'3077772_/3077786'	2.8	6	3.7	8	10	8.91	0.63	Yes	2.8 Primary Over-Voltage
SMT072	165	'3077528_/3077525_2'	1.33	2.43	2.8	2.664	0.3	3.33	0.22	Yes	0.3 Element Fault
SMT072	166	'8822855_/8822852'	1.47	2.27	2.03	2.664	0.3	3.3	0.22	Yes	0.3 Element Fault
SMT072	167	'3075597_/3077769'	2.8	5.9	3.7	8	10	8.84	0.63	Yes	2.8 Primary Over-Voltage
SMT072	168	'50370219_/3077752_2'	2.8	5.9	3.7	8	10	8.84	0.63	Yes	2.8 Primary Over-Voltage
SMT072	169	'3077738_/3077752_1'	2.7	5.9	3.7	8	10	8.77	0.63	Yes	2.7 Primary Over-Voltage
SMT072	170	'3083626_/3083636_1'	0.93	1.97	1.23	2.664	0.3	2.93	0.21	Yes	0.3 Element Fault
SMT072	171	'3077721_/3077735'	2.7	5.8	3.6	8	10	8.73	0.63	Yes	2.7 Primary Over-Voltage
SMT072	172	'61696786_/3075326_2'	0.93	1.93	1.23	2.664	1.2	2.91	0.21	Yes	0.93 Primary Over-Voltage
SMT072	173	'3077704_/3077718'	2.7	5.8	3.6	8	10	8.64	0.63	Yes	2.7 Primary Over-Voltage
SMT072	174	'3075725_/43254511'	1.67	2.27	2.37	2.664	0.3	3.32	0.22	Yes	0.3 Element Fault
SMT072	175	'3077684_/3077701'	2.6	5.7	3.5	8	10	8.56	0.63	Yes	2.6 Primary Over-Voltage
SMT072	176	'405348675_/405348694'	1.43	2.3	3.17	2.664	0.3	3.33	0.22	Yes	0.3 Element Fault
SMT072	177	'3077664_/3077681'	2.6	5.6	3.5	8	10	8.45	0.63	Yes	2.6 Primary Over-Voltage
SMT072	178	'3075493_/3075491_1'	1	1.93	1.33	2.664	0.3	2.92	0.21	Yes	0.3 Element Fault
SMT072	179	'3077647_/3077661'	2.6	5.5	3.4	8	10	8.36	0.63	Yes	2.6 Primary Over-Voltage
SMT072	180	'44062720_/3157766'	2.7	7.2	10	8	1.7	10	0.7	Yes	1.7 Element Fault
SMT072	181	'3077630_/3077644'	2.5	5.4	3.4	8	10	8.27	0.63	Yes	2.5 Primary Over-Voltage
SMT072	182	'3075342_/3075339_2'	0.97	1.9	1.3	2.664	0.3	2.84	0.21	Yes	0.3 Element Fault
SMT072	183	'8505620_/8505617_2'	1.2	2.23	2.9	2.664	0.1	3.13	0.22	Yes	0.1 Element Fault

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SMT072	184	'3132854_/_3132851_2'		0.97	2.37	3.33	2.664	0.3	3.33	0.23 Yes	0.3 Element Fault
SMT072	185	'3077613_/_3077627'		2.5	5.3	3.3	8	10	8.15	0.62 Yes	2.5 Primary Over-Voltage
SMT072	186	'3083639_/_3083636_2'		0.93	1.83	1.23	2.664	0.3	2.79	0.21 Yes	0.3 Element Fault
SMT072	187	'43255366_/_3076791'		1.4	2.03	1.93	2.664	0.3	3.09	0.22 Yes	0.3 Element Fault
SMT072	188	'61718461_/_3076275'		3.6	5.8	4.8	8	0.9	8.93	0.65 Yes	0.9 Element Fault
SMT072	189	'3077596_/_3077610'		2.4	5.2	3.3	8	10	8.06	0.62 Yes	2.4 Primary Over-Voltage
SMT072	190	'43255321_/_43255323_1'		1.17	2.17	2.77	2.664	0.2	3.18	0.22 Yes	0.2 Element Fault
SMT072	191	'3157769_/_44062724'		2.6	6.9	10	8	1.7	10	0.7 Yes	1.7 Element Fault
SMT072	192	'7563455_/_8825444_1'		2.6	6.9	10	8	0.9	10	0.7 Yes	0.9 Element Fault
SMT072	193	'3076337_/_3077593'		2.4	5.1	3.2	8	10	7.95	0.62 Yes	2.4 Primary Over-Voltage
SMT072	194	'122477782_/_122477779'		3.6	5.7	4.8	8	0.9	8.77	0.65 Yes	0.9 Element Fault
SMT072	195	'3074433_/_3076334'		2.3	5	3.1	8	10	7.82	0.62 Yes	2.3 Primary Over-Voltage
SMT072	196	'122477838_/_122477818_1'		3.6	5.7	4.8	8	0.6	8.74	0.65 Yes	0.6 Element Fault
SMT072	197	'43254520_/_3075735'		1.47	2.03	2.4	2.664	0.3	3.07	0.22 Yes	0.3 Element Fault
SMT072	198	'3074434_/_3074447_2'		0.77	1.67	1.03	2.664	1.1	2.59	0.21 Yes	0.77 Primary Over-Voltage
SMT072	199	'3074489_/_3074528'		2.3	4.9	3.1	8	10	7.75	0.62 Yes	2.3 Primary Over-Voltage
SMT072	200	'3083680_/_3083691'		0.93	1.73	1.23	2.664	0.3	2.68	0.21 Yes	0.3 Element Fault
SMT072	201	'3074565_/_3074562'		2.3	4.9	3.1	8	10	7.68	0.62 Yes	2.3 Primary Over-Voltage
SMT072	202	'3074488_/_3074499_2'		0.77	1.63	1.03	2.664	1.1	2.56	0.21 Yes	0.77 Primary Over-Voltage
SMT072	203	'405348641_/_405348712'		1.23	2.07	3.23	2.664	0.3	3.12	0.22 Yes	0.3 Element Fault
SMT072	204	'43254321_/_3074579'		2.3	4.8	3	8	10	7.6	0.61 Yes	2.3 Primary Over-Voltage
SMT072	205	'247907505_/_247907642'		2.2	4.7	3	8	10	7.54	0.61 Yes	2.2 Primary Over-Voltage
SMT072	206	'3074599_/_247907659'		2.2	4.7	3	8	10	7.5	0.61 Yes	2.2 Primary Over-Voltage
SMT072	207	'7872394_/_7872391_2'		1.4	1.9	1.93	2.664	0.3	2.88	0.22 Yes	0.3 Element Fault
SMT072	208	'3074449_/_3074447_1'		0.77	1.6	1.03	2.664	0.3	2.53	0.21 Yes	0.3 Element Fault
SMT072	209	'43254334_/_247907674'		2.2	4.7	2.9	8	10	7.44	0.61 Yes	2.2 Primary Over-Voltage
SMT072	210	'3074616_/_3074626_1'		0.73	1.57	1	2.664	0.3	2.49	0.2 Yes	0.3 Element Fault
SMT072	211	'3075507_/_3075504'		1	1.73	1.37	2.664	0.3	2.67	0.21 Yes	0.3 Element Fault
SMT072	212	'122477807_/_122477818_2'		3.6	5.4	4.9	8	0.6	8.41	0.65 Yes	0.6 Element Fault
SMT072	213	'247907558_/_7872359_1'		0.73	1.57	1	2.664	0.3	2.49	0.2 Yes	0.3 Element Fault
SMT072	214	'3074645_/_246860858'		2.2	4.6	2.9	8	10	7.41	0.61 Yes	2.2 Primary Over-Voltage
SMT072	215	'43254360_/_246860882'		2.1	4.5	2.8	8	10	7.28	0.61 Yes	2.1 Primary Over-Voltage
SMT072	216	'107302824_/_107302849_2'		1.03	1.7	1.4	2.664	0.5	2.65	0.21 Yes	0.5 Element Fault
SMT072	217	'3076457_/_3076471'		2.1	4.5	2.8	8	10	7.21	0.61 Yes	2.1 Primary Over-Voltage
SMT072	218	'3076063_/_3076060'		1.2	1.77	1.8	2.664	0.5	2.8	0.22 Yes	0.5 Element Fault
SMT072	219	'8825446_/_8825444_2'		2.3	6.1	10	8	0.9	9.76	0.7 Yes	0.9 Element Fault
SMT072	220	'3074868_/_3076454'		2.1	4.4	2.8	8	10	7.14	0.61 Yes	2.1 Primary Over-Voltage
SMT072	221	'3075751_/_3075748'		1.33	1.87	2.43	2.664	0.3	2.85	0.22 Yes	0.3 Element Fault
SMT072	222	'3074501_/_3074499_1'		0.77	1.53	1.03	2.664	0.3	2.44	0.2 Yes	0.3 Element Fault
SMT072	223	'3074681_/_3074810'		2.2	4.5	2.9	8	3.7	7.22	0.61 Yes	2.2 Primary Over-Voltage
SMT072	224	'3076508_/_3076505'		2	4.3	2.7	8	10	7.06	0.61 Yes	2 Primary Over-Voltage
SMT072	225	'3076794_/_43255368'		1.37	1.77	1.93	2.664	0.3	2.79	0.22 Yes	0.3 Element Fault
SMT072	226	'417759505_/_3074840_3'		0.7	1.43	0.93	2.664	1.1	2.36	0.2 Yes	0.7 Primary Over-Voltage
SMT072	227	'3074897_/_3076562'		2	4.3	2.7	8	10	6.98	0.6 Yes	2 Primary Over-Voltage
SMT072	228	'3083654_/_3083678'		0.93	1.6	1.27	2.664	0.3	2.48	0.21 Yes	0.3 Element Fault
SMT072	229	'3074898_/_3074911_1'		0.67	1.4	0.9	2.664	0.3	2.31	0.2 Yes	0.3 Element Fault
SMT072	230	'3076525_/_3076545'		2	4.2	2.7	8	10	6.92	0.6 Yes	2 Primary Over-Voltage
SMT072	231	'3076524_/_3076522'		2	4.2	2.6	8	10	6.87	0.6 Yes	2 Primary Over-Voltage
SMT072	232	'3075328_/_3075326_1'		0.93	1.57	1.23	2.664	0.3	2.49	0.21 Yes	0.3 Element Fault
SMT072	233	'2131231_/_7120081'		2	4.1	2.6	8	10	6.81	0.6 Yes	2 Primary Over-Voltage
SMT072	234	'3074842_/_3074840_2'		0.7	1.4	0.93	2.664	0.3	2.31	0.2 Yes	0.3 Element Fault
SMT072	235	'2131232_/_2131242_1'		0.67	1.37	0.87	2.664	0.3	2.26	0.2 Yes	0.3 Element Fault
SMT072	236	'2131189_/_2131459'		1.9	4.1	2.6	8	10	6.76	0.6 Yes	1.9 Primary Over-Voltage
SMT072	237	'2131284_/_2131297_1'		0.67	1.37	0.87	2.664	0.3	2.25	0.2 Yes	0.3 Element Fault
SMT072	238	'43267850_/_3158951'		2.2	5.7	10	8	1.7	9.21	0.7 Yes	1.7 Element Fault
SMT072	239	'2131428_/_2131442'		1.9	4	2.6	8	10	6.69	0.6 Yes	1.9 Primary Over-Voltage
SMT072	240	'8822950_/_405348645'		1.07	1.8	3.33	2.664	0.3	2.79	0.22 Yes	0.3 Element Fault
SMT072	241	'3074462_/_3074473'		0.8	1.47	1.07	2.664	0.3	2.35	0.2 Yes	0.3 Element Fault
SMT072	242	'3075520_/_3075517'		1	1.57	1.37	2.664	0.3	2.47	0.21 Yes	0.3 Element Fault
SMT072	243	'482716555_/_7534350_2'		0.63	1.33	0.87	2.664	1.8	2.22	0.2 Yes	0.63 Primary Over-Voltage
SMT072	244	'2131411_/_2131425'		1.9	4	2.5	8	10	6.63	0.6 Yes	1.9 Primary Over-Voltage
SMT072	245	'3074515_/_3074512'		0.77	1.43	1.03	2.664	0.3	2.32	0.2 Yes	0.3 Element Fault
SMT072	246	'8168333_/_8168331_1'		0.63	1.33	0.83	2.664	0.3	2.2	0.2 Yes	0.3 Element Fault
SMT072	247	'2131385_/_2131408'		1.9	3.9	2.5	8	10	6.56	0.6 Yes	1.9 Primary Over-Voltage
SMT072	248	'3075764_/_3075761'		1.2	1.7	2.47	2.664	0.3	2.66	0.22 Yes	0.3 Element Fault
SMT072	249	'3074913_/_3074911_2'		0.67	1.33	0.9	2.664	0.3	2.23	0.2 Yes	0.3 Element Fault
SMT072	250	'482716623_/_2131216_2'		0.63	1.3	0.83	2.664	1.1	2.18	0.2 Yes	0.63 Primary Over-Voltage
SMT072	251	'2131384_/_2131382'		1.8	3.9	2.5	8	10	6.5	0.59 Yes	1.8 Primary Over-Voltage
SMT072	252	'43109734_/_265238474'		1.8	3.8	2.4	8	10	6.44	0.59 Yes	1.8 Primary Over-Voltage
SMT072	253	'265238491_/_265238489'		1.8	3.8	2.4	8	10	6.42	0.59 Yes	1.8 Primary Over-Voltage
SMT072	254	'43106053_/_265238516'		1.8	3.8	2.4	8	10	6.36	0.59 Yes	1.8 Primary Over-Voltage
SMT072	255	'3083655_/_3083652'		0.93	1.47	1.27	2.664	0.3	2.32	0.21 Yes	0.3 Element Fault
SMT072	256	'3074843_/_3074840_1'		0.7	1.33	0.93	2.664	0.3	2.2	0.2 Yes	0.3 Element Fault
SMT072	257	'50403853_/_3076707'		0.9	1.67	2.87	2.664	0.2	2.62	0.22 Yes	0.2 Element Fault
SMT072	258	'2130923_/_265238547'		1.8	3.7	2.4	8	10	6.29	0.59 Yes	1.8 Primary Over-Voltage
SMT072	259	'514314643_/_470662911_1'		1.8	3.7	2.4	8	2.3	6.29	0.59 Yes	1.8 Primary Over-Voltage
SMT072	260	'3074829_/_3074879'		0.7	1.33	0.93	2.664	0.3	2.19	0.2 Yes	0.3 Element Fault
SMT072	261	'7872362_/_7872359_2'		0.73	1.33	1	2.664	0.3	2.23	0.2 Yes	0.3 Element Fault
SMT072	262	'2131299_/_2131297_2'		0.67	1.3	0.87	2.664	0.3	2.15	0.2 Yes	0.3 Element Fault
SMT072	263	'2130906_/_265238571'		1.8	3.7	2.3	8	10	6.25	0.59 Yes	1.8 Primary Over-Voltage
SMT072	264	'9073074_/_89619479'		0.93	1.6	2.13	2.664	0.5	2.53	0.22 Yes	0.5 Element Fault
SMT072	265	'265238597_/_265238595'		1.7	3.7	2.3	8	10	6.23	0.59 Yes	1.7 Primary Over-Voltage
SMT072	266	'2131219_/_2131216_1'		0.63	1.27	0.83	2.664	0.3	2.11	0.2 Yes	0.3 Element Fault
SMT072	267	'2131244_/_2131242_2'		0.67	1.27	0.87	2.664	0.3	2.14	0.2 Yes	0.3 Element Fault
SMT072	268	'2130956_/_2130954_1'		0.6	1.23	0.77	2.664	0.3	2.08	0.2 Yes	0.3 Element Fault
SMT072	269	'470662914_/_470662911_2'		1.8	3.7	2.4	8	2.3	6.22	0.59 Yes	1.8 Primary Over-Voltage
SMT072	270	'43267837_/_43267852'		2	5.2	10	8	1.7	8.51	0.69 Yes	1.7 Element Fault
SMT072	271	'3074628_/_3074626_2'		0.73	1.33	1	2.664	0.3	2.19	0.2 Yes	0.3 Element Fault
SMT072	272	'2130866_/_265238617'		1.7	3.6	2.3	8	10	6.16	0.59 Yes	1.7 Primary Over-Voltage
SMT072	273	'2130999_/_470662967'		1.8	3.7	2.4	8	2.3	6.16	0.59 Yes	1.8 Primary Over-Voltage
SMT072	274	'3074463_/_3074460'		0.8	1.33	1.07	2.664	0.3	2.21	0.2 Yes	0.3 Element Fault
SMT072	275	'473894161_/_470662996_1'		1.8	3.6	2.4	8	2.3	6.13	0.59 Yes	1.8 Primary Over-Voltage
SMT072	276	'7534320_/_8168331_2'		0.63	1.23	0.83	2.664	0.3	2.09	0.2 Yes	0.3 Element Fault
SMT072	277	'265238655_/_265238637'		1.7	3.6	2.3	8	10	6.09	0.59 Yes	1.7 Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SMT072	278	'470662885_/_470662996_2'	1.8	3.6	2.4	8	2.3	6.12	0.59	Yes	1.8 Primary Over-Voltage
SMT072	279	'265238654_/_265238652'	1.7	3.5	2.2	8	10	6.04	0.58	Yes	1.7 Primary Over-Voltage
SMT072	280	'3075533_/_3075530'	1	1.43	1.37	2.664	0.3	2.29	0.21	Yes	0.3 Element Fault
SMT072	281	'3075777_/_3075774'	1.1	1.57	2.5	2.664	0.3	2.48	0.22	Yes	0.3 Element Fault
SMT072	282	'470663071_/_470663068'	1.8	3.6	2.4	8	2.3	6.07	0.59	Yes	1.8 Primary Over-Voltage
SMT072	283	'470663096_/_470663093'	1.8	3.6	2.4	8	2.3	6.05	0.59	Yes	1.8 Primary Over-Voltage
SMT072	284	'514314803_/_473893600_1'	1.8	3.6	2.4	8	1.5	6.04	0.59	Yes	1.5 Element Fault
SMT072	285	'265238683_/_265238681'	1.7	3.5	2.2	8	10	5.99	0.58	Yes	1.7 Primary Over-Voltage
SMT072	286	'473893603_/_473893600_2'	1.8	3.6	2.4	8	1.5	6.03	0.59	Yes	1.5 Element Fault
SMT072	287	'470663131_/_470663128'	1.8	3.6	2.4	8	2.3	6.03	0.59	Yes	1.8 Primary Over-Voltage
SMT072	288	'514314770_/_473893637_1'	1.8	3.6	2.4	8	1.5	6.03	0.59	Yes	1.5 Element Fault
SMT072	289	'473893657_/_473893637_2'	1.8	3.6	2.4	8	1.5	6.02	0.59	Yes	1.5 Element Fault
SMT072	290	'514314825_/_473893775_1'	1.8	3.6	2.4	8	1.5	6.02	0.59	Yes	1.5 Element Fault
SMT072	291	'473893640_/_473893637_3'	1.8	3.6	2.4	8	1.5	6.01	0.58	Yes	1.5 Element Fault
SMT072	292	'473893570_/_473893567'	1.8	3.6	2.4	8	2.3	6.01	0.58	Yes	1.8 Primary Over-Voltage
SMT072	293	'473893778_/_473893775_2'	1.8	3.6	2.4	8	1.5	6.01	0.58	Yes	1.5 Element Fault
SMT072	294	'514314757_/_473893814_1'	1.8	3.6	2.4	8	1.5	6.01	0.58	Yes	1.5 Element Fault
SMT072	295	'514314847_/_473893952_1'	1.8	3.6	2.4	8	1.5	6	0.58	Yes	1.5 Element Fault
SMT072	296	'473893832_/_473893814_2'	1.8	3.6	2.4	8	1.5	6	0.58	Yes	1.5 Element Fault
SMT072	297	'265238707_/_265238705'	1.6	3.5	2.2	8	10	5.94	0.58	Yes	1.6 Primary Over-Voltage
SMT072	298	'3083668_/_3083665'	0.93	1.4	1.27	2.664	0.3	2.21	0.2	Yes	0.3 Element Fault
SMT072	299	'473893817_/_473893814_3'	1.8	3.6	2.4	8	1.5	5.99	0.58	Yes	1.5 Element Fault
SMT072	300	'473893955_/_473893952_2'	1.8	3.6	2.4	8	1.5	5.99	0.58	Yes	1.5 Element Fault
SMT072	301	'514314744_/_473893974_1'	1.8	3.6	2.4	8	1.5	5.99	0.58	Yes	1.5 Element Fault
SMT072	302	'473893994_/_473893974_2'	1.8	3.6	2.4	8	1.5	5.99	0.58	Yes	1.5 Element Fault
SMT072	303	'473893977_/_473893974_3'	1.8	3.6	2.4	8	1.5	5.98	0.58	Yes	1.5 Element Fault
SMT072	304	'3074927_/_3074924'	0.67	1.23	0.9	2.664	0.3	2.08	0.2	Yes	0.3 Element Fault
SMT072	305	'3074699_/_3074679'	2.2	3.8	2.9	8	3.7	6.42	0.61	Yes	2.2 Primary Over-Voltage
SMT072	306	'265238731_/_265238729'	1.6	3.4	2.2	8	10	5.89	0.58	Yes	1.6 Primary Over-Voltage
SMT072	307	'3075883_/_3075855'	1.07	1.53	2.53	2.664	0.3	2.43	0.22	Yes	0.3 Element Fault
SMT072	308	'43267863_/_43267839'	1.9	4.9	10	8	1.7	8.07	0.69	Yes	1.7 Element Fault
SMT072	309	'3075923_/_3075920'	0.83	1.53	2.93	2.664	0.2	2.46	0.22	Yes	0.2 Element Fault
SMT072	310	'43256455_/_3082095'	0.97	1.47	1.8	2.664	0.5	2.38	0.21	Yes	0.5 Element Fault
SMT072	311	'265238755_/_265238753'	1.6	3.4	2.1	8	10	5.85	0.58	Yes	1.6 Primary Over-Voltage
SMT072	312	'3074830_/_3074827'	0.7	1.23	0.93	2.664	0.3	2.08	0.2	Yes	0.3 Element Fault
SMT072	313	'265238780_/_265238777'	1.6	3.4	2.1	8	10	5.81	0.58	Yes	1.6 Primary Over-Voltage
SMT072	314	'3075118_/_3075128'	0.7	1.23	0.93	2.664	0.3	2.07	0.2	Yes	0.3 Element Fault
SMT072	315	'265238832_/_265238797'	1.6	3.3	2.1	8	10	5.79	0.58	Yes	1.5 Primary Over-Voltage
SMT072	316	'265238831_/_265238829'	1.6	3.3	2.1	8	10	5.74	0.58	Yes	1.6 Primary Over-Voltage
SMT072	317	'54495308_/_54495328'	1.8	4.8	10	8	1.7	7.86	0.69	Yes	1.7 Element Fault
SMT072	318	'3075909_/_3075907'	0.8	1.5	2.93	2.664	0.2	2.4	0.22	Yes	0.2 Element Fault
SMT072	319	'265238859_/_265238857'	1.6	3.3	2.1	8	10	5.69	0.58	Yes	1.6 Primary Over-Voltage
SMT072	320	'2131313_/_2131310'	0.67	1.2	0.87	2.664	0.3	2.01	0.2	Yes	0.3 Element Fault
SMT072	321	'265238883_/_265238881'	1.5	3.2	2	8	10	5.64	0.57	Yes	1.5 Primary Over-Voltage
SMT072	322	'50705187_/_3077374_1'	0.8	1.5	2.93	2.664	0.1	2.38	0.22	Yes	0.1 Element Fault
SMT072	323	'3075961_/_3075959'	0.77	1.47	2.93	2.664	0.2	2.38	0.22	Yes	0.2 Element Fault
SMT072	324	'8505540_/_8505537_2'	0.77	1.47	2.97	2.664	0.2	2.37	0.22	Yes	0.2 Element Fault
SMT072	325	'3083707_/_3083704'	0.93	1.3	1.27	2.664	0.3	2.11	0.2	Yes	0.3 Element Fault
SMT072	326	'8194436_/_9452684_1'	0.77	1.47	2.97	2.664	0.1	2.36	0.22	Yes	0.1 Element Fault
SMT072	327	'265239006_/_265239004'	1.5	3.2	2	8	10	5.6	0.57	Yes	1.5 Primary Over-Voltage
SMT072	328	'3075870_/_3075881'	1	1.43	2.57	2.664	0.3	2.32	0.22	Yes	0.3 Element Fault
SMT072	329	'43267876_/_43267865'	1.8	4.7	10	8	1.7	7.66	0.69	Yes	1.7 Element Fault
SMT072	330	'265239030_/_265239028'	1.5	3.2	2	8	10	5.55	0.57	Yes	1.5 Primary Over-Voltage
SMT072	331	'413814158_/_3075868_1'	1	1.43	2.57	2.664	0.2	2.31	0.22	Yes	0.2 Element Fault
SMT072	332	'2130417_/_265239052'	1.5	3.2	2	8	10	5.54	0.57	Yes	1.5 Primary Over-Voltage
SMT072	333	'1519333_/_43267878'	1.8	4.6	10	8	1.7	7.61	0.69	Yes	1.7 Element Fault
SMT072	334	'455029251_/_455029179_1'	1.5	3.2	2	8	2.4	5.54	0.57	Yes	1.5 Primary Over-Voltage
SMT072	335	'455029218_/_455029179_2'	1.5	3.2	2	8	2.4	5.53	0.57	Yes	1.5 Primary Over-Voltage
SMT072	336	'455029130_/_455029179_3'	1.5	3.1	2	8	2.4	5.53	0.57	Yes	1.5 Primary Over-Voltage
SMT072	337	'3159316_/_3159331'	1.7	4.6	10	8	1.7	7.58	0.68	Yes	1.7 Primary Over-Voltage
SMT072	338	'3075546_/_3075543'	1.03	1.3	1.37	2.664	0.3	2.13	0.21	Yes	0.3 Element Fault
SMT072	339	'455029046_/_455029179_4'	1.5	3.1	2	8	2.4	5.52	0.57	Yes	1.5 Primary Over-Voltage
SMT072	340	'2130400_/_2130398_1'	0.5	1.03	0.67	2.664	0.3	1.84	0.19	Yes	0.3 Element Fault
SMT072	341	'43106288_/_2131255'	0.67	1.17	0.87	2.664	0.3	1.97	0.2	Yes	0.3 Element Fault
SMT072	342	'265239083_/_265239081'	1.5	3.1	2	8	10	5.5	0.57	Yes	1.5 Primary Over-Voltage
SMT072	343	'3159317_/_3159314'	1.7	4.6	10	8	1.7	7.53	0.68	Yes	1.7 Primary Over-Voltage
SMT072	344	'3077377_/_3077374_2'	0.77	1.43	2.97	2.664	0.1	2.32	0.22	Yes	0.1 Element Fault
SMT072	345	'2131271_/_8168363_1'	0.67	1.17	0.87	2.664	0.2	1.96	0.2	Yes	0.2 Element Fault
SMT072	346	'2131533_/_455029326'	1.5	3.1	2	8	2.4	5.47	0.57	Yes	1.5 Primary Over-Voltage
SMT072	347	'2130497_/_265239105_2'	1.5	3.1	2	8	10	5.45	0.57	Yes	1.5 Primary Over-Voltage
SMT072	348	'43105996_/_265239105_1'	1.5	3.1	2	8	10	5.45	0.57	Yes	1.5 Primary Over-Voltage
SMT072	349	'3160924_/_3160921'	1.7	4.6	10	8	1.7	7.46	0.68	Yes	1.7 Primary Over-Voltage
SMT072	350	'455029381_/_2131569_1'	0.5	1.03	0.67	2.664	0.3	1.82	0.19	Yes	0.3 Element Fault
SMT072	351	'455029407_/_43105895_1'	0.5	1.03	0.67	2.664	0.3	1.82	0.19	Yes	0.3 Element Fault
SMT072	352	'9140120_/_9455382_1'	1.7	4.6	10	8	1	7.44	0.68	Yes	1 Element Fault
SMT072	353	'2130477_/_267447324'	1.5	3.1	1.9	8	10	5.41	0.57	Yes	1.5 Primary Over-Voltage
SMT072	354	'3160267_/_3160938'	1.7	4.5	10	8	1.7	7.39	0.68	Yes	1.7 Primary Over-Voltage
SMT072	355	'455029465_/_455029463'	1.5	3.1	2	8	2.4	5.42	0.57	Yes	1.5 Primary Over-Voltage
SMT072	356	'3075105_/_3075115'	0.7	1.17	0.93	2.664	0.3	1.97	0.2	Yes	0.3 Element Fault
SMT072	357	'2130460_/_267447339'	1.4	3	1.9	8	10	5.37	0.57	Yes	1.4 Primary Over-Voltage
SMT072	358	'3160268_/_3160265'	1.7	4.5	10	8	1.7	7.33	0.68	Yes	1.7 Primary Over-Voltage
SMT072	359	'455029542_/_455029540'	1.5	3.1	2	8	2.4	5.38	0.57	Yes	1.5 Primary Over-Voltage
SMT072	360	'455029765_/_455029590_1'	1.5	3.1	2	8	1.5	5.37	0.57	Yes	1.5 Primary Over-Voltage
SMT072	361	'455029771_/_455029590_2'	1.5	3.1	2	8	1.5	5.36	0.57	Yes	1.5 Primary Over-Voltage
SMT072	362	'455029593_/_455029590_3'	1.5	3.1	2	8	1.5	5.36	0.57	Yes	1.5 Primary Over-Voltage
SMT072	363	'3160291_/_3160288'	1.7	4.5	10	8	1.7	7.27	0.68	Yes	1.7 Primary Over-Voltage
SMT072	364	'2087371_/_267447363'	1.4	3	1.9	8	10	5.32	0.57	Yes	1.4 Primary Over-Voltage
SMT072	365	'2130957_/_2130954_2'	0.6	1.1	0.88	2.664	0.3	1.87	0.19	Yes	0.3 Element Fault
SMT072	366	'455029812_/_455029809'	1.5	3.1	2	8	1.5	5.35	0.57	Yes	1.5 Primary Over-Voltage
SMT072	367	'455029727_/_2130661_2'	0.5	1.03	0.67	2.664	0.8	1.79	0.19	Yes	0.5 Primary Over-Voltage
SMT072	368	'8505571_/_9452684_2'	0.73	1.4	3	2.664	0.1	2.25	0.22	Yes	0.1 Element Fault
SMT072	369	'7145020_/_7145017'	0.57	1.47	3.33	2.664	0.57	2.42	0.23	Yes	0.57 Primary Over-Voltage
SMT072	370	'7534321_/_7534318'	0.63	1.1	0.83	2.664	0.3	1.9	0.2	Yes	0.3 Element Fault
SMT072	371	'267447389_/_267447387'	1.4	3	1.9	8	10	5.29	0.56	Yes	1.4 Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SMT072	372	'3075845_/3075868_2'	0.93	1.37	2.6	2.664	0.2	2.21	0.21 Yes	0.2 Element Fault	
SMT072	373	'43254666_/3075946'	0.93	1.37	2.6	2.664	0.3	2.21	0.21 Yes	0.3 Element Fault	
SMT072	374	'2130309_/2130398_2'	0.5	1	0.67	2.664	0.3	1.79	0.19 Yes	0.3 Element Fault	
SMT072	375	'2087391_/2087401_2'	0.47	1	0.63	2.664	1.1	1.76	0.19 Yes	0.47 Primary Over-Voltage	
SMT072	376	'2131572_/2131569_2'	0.5	1	0.67	2.664	0.3	1.78	0.19 Yes	0.3 Element Fault	
SMT072	377	'2087542_/267447411'	1.4	2.9	1.9	8	10	5.24	0.56 Yes	1.4 Primary Over-Voltage	
SMT072	378	'7244682_/150244876_1'	0.93	1.37	2.6	2.664	0.1	2.19	0.21 Yes	0.1 Element Fault	
SMT072	379	'44242044_/9455382_2'	1.7	4.4	10	8	1	7.17	0.68 Yes	1 Element Fault	
SMT072	380	'7219016_/7219014_1'	0.5	1	0.67	2.664	0.2	1.77	0.19 Yes	0.2 Element Fault	
SMT072	381	'267447439_/267447437'	1.4	2.9	1.8	8	10	5.2	0.56 Yes	1.4 Primary Over-Voltage	
SMT072	382	'416924820_/150244876_2'	0.93	1.33	2.6	2.664	0.1	2.18	0.21 Yes	0.1 Element Fault	
SMT072	383	'2131559_/43105895_2'	0.5	1	0.67	2.664	0.3	1.77	0.19 Yes	0.3 Element Fault	
SMT072	384	'8505539_/8505537_1'	0.7	1.37	3.03	2.664	0.1	2.19	0.22 Yes	0.1 Element Fault	
SMT072	385	'8168350_/8168379_1'	0.63	0.97	0.87	2.664	0.3	1.86	0.2 Yes	0.3 Element Fault	
SMT072	386	'2087508_/267447468'	1.4	2.8	1.8	8	10	5.13	0.56 Yes	1.4 Primary Over-Voltage	
SMT072	387	'267447271_/267447788'	1.4	2.8	1.8	8	10	5.11	0.56 Yes	1.4 Primary Over-Voltage	
SMT072	388	'2087507_/267447812'	1.3	2.8	1.8	8	10	5.1	0.56 Yes	1.3 Primary Over-Voltage	
SMT072	389	'3075559_/3075556'	1.03	1.23	1.4	2.664	0.3	2	0.2 Yes	0.3 Element Fault	
SMT072	390	'416924893_/416924930'	0.9	1.33	2.63	2.664	0.1	2.13	0.21 Yes	0.1 Element Fault	
SMT072	391	'2087669_/2087680_2'	0.47	0.93	0.6	2.664	1.1	1.7	0.19 Yes	0.47 Primary Over-Voltage	
SMT072	392	'2087612_/2087625_2'	0.43	0.93	0.6	2.664	1.1	1.69	0.19 Yes	0.43 Primary Over-Voltage	
SMT072	393	'2087468_/267447827'	1.3	2.8	1.8	8	10	5.06	0.56 Yes	1.3 Primary Over-Voltage	
SMT072	394	'2087641_/2087651_1'	0.43	0.93	0.6	2.664	0.3	1.68	0.19 Yes	0.3 Element Fault	
SMT072	395	'3075974_/3076386'	0.9	1.3	2.63	2.664	0.3	2.12	0.21 Yes	0.3 Element Fault	
SMT072	396	'3075092_/3075102'	0.7	1.1	0.93	2.664	0.3	1.87	0.2 Yes	0.3 Element Fault	
SMT072	397	'7219017_/7219014_2'	0.5	0.97	0.67	2.664	0.2	1.73	0.19 Yes	0.2 Element Fault	
SMT072	398	'43105928_/267447860'	1.3	2.8	1.8	8	10	5.03	0.56 Yes	1.3 Primary Over-Voltage	
SMT072	399	'3082046_/3082043'	0.83	1.23	1.83	2.664	0.5	2.09	0.21 Yes	0.5 Element Fault	
SMT072	400	'267447879_/267447877'	1.3	2.8	1.8	8	10	5	0.56 Yes	1.3 Primary Over-Voltage	
SMT072	401	'7219033_/7534350_1'	0.63	1.07	0.87	2.664	0.3	1.83	0.2 Yes	0.3 Element Fault	
SMT072	402	'416924858_/416924912'	0.9	1.3	2.63	2.664	0.1	2.09	0.21 Yes	0.1 Element Fault	
SMT072	403	'8505572_/8505569'	0.67	1.3	3.1	2.664	0.1	2.12	0.22 Yes	0.1 Element Fault	
SMT072	404	'7789775_/8168363_2'	0.67	1.07	0.87	2.664	0.2	1.83	0.2 Yes	0.2 Element Fault	
SMT072	405	'267447904_/267447902'	1.3	2.7	1.7	8	10	4.96	0.55 Yes	1.3 Primary Over-Voltage	
SMT072	406	'3074716_/3074713'	2.2	3.2	2.9	8	3.6	5.65	0.6 Yes	2.2 Primary Over-Voltage	
SMT072	407	'2130310_/2130307'	0.5	0.97	0.67	2.664	0.3	1.71	0.19 Yes	0.3 Element Fault	
SMT072	408	'267447926_/267447924'	1.3	2.7	1.7	8	10	4.92	0.55 Yes	1.3 Primary Over-Voltage	
SMT072	409	'352263009_/8822832_1'	2.2	3.2	2.9	8	1	5.64	0.6 Yes	1 Element Fault	
SMT072	410	'267447946_/267447944'	1.3	2.7	1.7	8	10	4.89	0.55 Yes	1.3 Primary Over-Voltage	
SMT072	411	'43254553_/43254555'	0.87	1.27	2.67	2.664	0.2	2.06	0.21 Yes	0.2 Element Fault	
SMT072	412	'267448093_/43105987_2'	0.43	0.9	0.57	2.664	1.1	1.63	0.18 Yes	0.43 Primary Over-Voltage	
SMT072	413	'2087220_/267447966'	1.3	2.7	1.7	8	10	4.86	0.55 Yes	1.3 Primary Over-Voltage	
SMT072	414	'2130651_/2130661_1'	0.5	0.93	0.67	2.664	0.3	1.68	0.19 Yes	0.3 Element Fault	
SMT072	415	'2087403_/2087401_1'	0.47	0.93	0.63	2.664	0.3	1.67	0.19 Yes	0.3 Element Fault	
SMT072	416	'2087219_/267447990'	1.3	2.6	1.7	8	10	4.84	0.55 Yes	1.3 Primary Over-Voltage	
SMT072	417	'43254610_/3077429'	0.67	1.27	3.07	2.664	0.1	2.08	0.22 Yes	0.1 Element Fault	
SMT072	418	'267448017_/267448466'	1.3	2.6	1.7	8	10	4.83	0.55 Yes	1.3 Primary Over-Voltage	
SMT072	419	'349878917_/349878919'	1.3	2.6	1.7	8	10	4.82	0.55 Yes	1.3 Primary Over-Voltage	
SMT072	420	'8822835_/8822832_2'	2.2	3.2	2.9	8	1	5.55	0.6 Yes	1 Element Fault	
SMT072	421	'2087286_/2087271_3'	0.43	0.87	0.57	2.664	1.1	1.61	0.18 Yes	0.43 Primary Over-Voltage	
SMT072	422	'43254732_/3075972'	0.87	1.27	2.67	2.664	0.3	2.03	0.21 Yes	0.3 Element Fault	
SMT072	423	'349878943_/349878945'	1.3	2.6	1.7	8	10	4.81	0.55 Yes	1.3 Primary Over-Voltage	
SMT072	424	'349878981_/157535599_4'	1.3	2.6	1.7	0.904	10	4.81	0.55 Yes	0.904 Thermal Discharging	
SMT072	425	'380508099_/157535599_3'	1.3	2.6	1.7	0.904	10	4.81	0.55 Yes	0.904 Thermal Discharging	
SMT072	426	'380508121_/157535599_2'	1.3	2.6	1.7	0.904	10	4.81	0.55 Yes	0.904 Thermal Discharging	
SMT072	427	'312673368_/2126080_1'	0.43	0.87	0.57	2.664	0.3	1.6	0.18 Yes	0.3 Element Fault	
SMT072	428	'157535602_/157535599_1'	1.2	2.6	1.7	0.904	10	4.8	0.55 Yes	0.904 Thermal Discharging	
SMT072	429	'2087274_/2087271_2'	0.43	0.87	0.57	2.664	0.3	1.6	0.18 Yes	0.3 Element Fault	
SMT072	430	'2126002_/2126012_1'	0.43	0.87	0.57	2.664	0.5	1.6	0.18 Yes	0.43 Primary Over-Voltage	
SMT072	431	'157535621_/157535618'	1.2	2.6	1.7	0.904	10	4.77	0.55 Yes	0.904 Thermal Discharging	
SMT072	432	'7872410_/7872407'	0.87	1.2	2.03	2.664	0.3	1.98	0.21 Yes	0.3 Element Fault	
SMT072	433	'157535640_/157535637'	1.2	2.6	1.7	0.904	10	4.74	0.55 Yes	0.904 Thermal Discharging	
SMT072	434	'3075572_/3075569'	1.03	1.13	1.4	2.664	0.3	1.88	0.2 Yes	0.3 Element Fault	
SMT072	435	'3074739_/3074736'	2.2	3.1	2.9	8	3.7	5.47	0.6 Yes	2.2 Primary Over-Voltage	
SMT072	436	'157535659_/157535656'	1.2	2.6	1.6	0.904	10	4.71	0.55 Yes	0.904 Thermal Discharging	
SMT072	437	'3075079_/3075089'	0.7	1.03	0.93	2.664	0.3	1.78	0.2 Yes	0.3 Element Fault	
SMT072	438	'7244661_/7244659_1'	2.2	3.1	2.9	8	1	5.46	0.6 Yes	1 Element Fault	
SMT072	439	'157535678_/157535675'	1.2	2.5	1.6	0.904	10	4.69	0.55 Yes	0.904 Thermal Discharging	
SMT072	440	'157535697_/157535694'	1.2	2.5	1.6	0.904	10	4.65	0.54 Yes	0.904 Thermal Discharging	
SMT072	441	'3077952_/3082056'	0.77	1.17	1.83	2.664	0.5	1.96	0.21 Yes	0.5 Element Fault	
SMT072	442	'2126056_/2126080_2'	0.43	0.87	0.57	2.664	0.3	1.57	0.18 Yes	0.3 Element Fault	
SMT072	443	'157535728_/157535725'	1.2	2.5	1.6	0.904	10	4.62	0.54 Yes	0.904 Thermal Discharging	
SMT072	444	'2130323_/2130320'	0.5	0.9	0.67	2.664	0.3	1.63	0.19 Yes	0.3 Element Fault	
SMT072	445	'7244662_/7244659_2'	2.2	3	2.9	8	1	5.36	0.6 Yes	1 Element Fault	
SMT072	446	'157536685_/157536682'	1.2	2.5	1.6	0.904	10	4.6	0.54 Yes	0.904 Thermal Discharging	
SMT072	447	'157536704_/157536701'	1.2	2.5	1.6	0.904	10	4.57	0.54 Yes	0.904 Thermal Discharging	
SMT072	448	'3077405_/43254601'	0.63	1.2	3.13	2.664	0.1	1.98	0.21 Yes	0.1 Element Fault	
SMT072	449	'157536723_/157536720'	1.2	2.4	1.6	0.904	10	4.55	0.54 Yes	0.904 Thermal Discharging	
SMT072	450	'254857725_/157536739'	1.2	2.4	1.6	0.904	10	4.53	0.54 Yes	0.904 Thermal Discharging	
SMT072	451	'43106009_/2130541'	0.47	0.87	0.63	2.664	0.3	1.59	0.19 Yes	0.3 Element Fault	
SMT072	452	'7219032_/7219030'	0.63	0.97	0.87	2.664	0.3	1.7	0.19 Yes	0.3 Element Fault	
SMT072	453	'2087273_/2087271_1'	0.43	0.83	0.57	2.664	0.3	1.54	0.18 Yes	0.3 Element Fault	
SMT072	454	'157536761_/157536758'	1.2	2.4	1.6	0.904	10	4.51	0.54 Yes	0.904 Thermal Discharging	
SMT072	455	'157536780_/157536777'	1.2	2.4	1.6	0.904	10	4.49	0.54 Yes	0.904 Thermal Discharging	
SMT072	456	'344810897_/3082069_2'	0.73	1.13	1.87	2.664	0.5	1.9	0.21 Yes	0.5 Element Fault	
SMT072	457	'3075803_/3075813'	0.8	1.17	2.77	2.664	0.2	1.9	0.21 Yes	0.2 Element Fault	
SMT072	458	'2130638_/2130648'	0.5	0.9	0.67	2.664	0.3	1.59	0.19 Yes	0.3 Element Fault	
SMT072	459	'3077910_/344811108'	0.73	1.13	1.87	2.664	0.5	1.89	0.21 Yes	0.5 Element Fault	
SMT072	460	'157536956_/157536953'	1.2	2.4	1.6	0.904	10	4.46	0.54 Yes	0.904 Thermal Discharging	
SMT072	461	'7244697_/416924862'	0.8	1.17	2.73	2.664	0.1	1.9	0.21 Yes	0.1 Element Fault	
SMT072	462	'43254721_/3075985'	0.8	1.17	2.77	2.664	0.3	1.89	0.21 Yes	0.3 Element Fault	
SMT072	463	'157536975_/157536972'	1.2	2.4	1.6	0.904	10	4.44	0.54 Yes	0.904 Thermal Discharging	
SMT072	464	'3075066_/3075076'	0.7	0.97	0.93	2.664	0.3	1.69	0.2 Yes	0.3 Element Fault	
SMT072	465	'2126015_/2126012_2'	0.43	0.83	0.57	2.664	0.5	1.52	0.18 Yes	0.43 Primary Over-Voltage	

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SMT072	466	'157536994_/_157536991'	1.2	2.3	1.6	0.904	10	4.42	0.54 Yes	0.904	Thermal Discharging
SMT072	467	'2087627_/_2087625_1'	0.47	0.83	0.6	2.664	0.3	1.54	0.18 Yes	0.3	Element Fault
SMT072	468	'349879285_/_157537010'	1.2	2.3	1.6	0.904	10	4.41	0.54 Yes	0.904	Thermal Discharging
SMT072	469	'2087193_/_2126041'	0.43	0.83	0.57	2.664	0.3	1.51	0.18 Yes	0.3	Element Fault
SMT072	470	'157575886_/_157562650'	1.2	2.3	1.6	0.904	10	4.39	0.54 Yes	0.904	Thermal Discharging
SMT072	471	'2130348_/_2130333'	0.5	0.87	0.67	2.664	0.3	1.57	0.19 Yes	0.3	Element Fault
SMT072	472	'157575885_/_157575883'	1.2	2.3	1.6	0.904	10	4.36	0.53 Yes	0.904	Thermal Discharging
SMT072	473	'3075585_/_3075582'	0.93	1.07	1.43	2.664	0.3	1.75	0.2 Yes	0.3	Element Fault
SMT072	474	'157575980_/_157575930'	1.2	2.3	1.6	0.904	10	4.33	0.53 Yes	0.904	Thermal Discharging
SMT072	475	'72831985_/_3077923'	0.7	1.07	1.87	2.664	0.5	1.83	0.21 Yes	0.5	Element Fault
SMT072	476	'2107888_/_157575977'	1.2	2.3	1.6	0.904	10	4.3	0.53 Yes	0.904	Thermal Discharging
SMT072	477	'3077926_/_8194543_1'	0.7	1.07	1.87	2.664	0.2	1.82	0.21 Yes	0.2	Element Fault
SMT072	478	'2087682_/_2087680_1'	0.47	0.83	0.6	2.664	0.3	1.52	0.18 Yes	0.3	Element Fault
SMT072	479	'157576012_/_157576009'	1.2	2.2	1.6	0.904	10	4.28	0.53 Yes	0.904	Thermal Discharging
SMT072	480	'157576531_/_157576528'	1.2	2.2	1.6	0.904	10	4.25	0.53 Yes	0.904	Thermal Discharging
SMT072	481	'2087328_/_2087352'	0.43	0.8	0.57	2.664	0.3	1.48	0.18 Yes	0.3	Element Fault
SMT072	482	'3077419_/_3077416'	0.57	1.1	3.23	2.664	0.1	1.85	0.21 Yes	0.1	Element Fault
SMT072	483	'157576556_/_157576553'	1.2	2.2	1.6	0.904	10	4.24	0.53 Yes	0.904	Thermal Discharging
SMT072	484	'3077897_/_344811124'	0.7	1.07	1.9	2.664	0.5	1.8	0.21 Yes	0.5	Element Fault
SMT072	485	'2130531_/_2130528'	0.47	0.83	0.63	2.664	0.3	1.52	0.19 Yes	0.3	Element Fault
SMT072	486	'349879215_/_2126535'	0.4	0.77	0.53	0.304	1.5	1.43	0.18 Yes	0.304	Thermal Discharging
SMT072	487	'7789776_/_7789773'	0.67	0.93	0.9	2.664	0.2	1.62	0.19 Yes	0.2	Element Fault
SMT072	488	'157576581_/_157576578'	1.2	2.2	1.5	0.904	10	4.22	0.53 Yes	0.904	Thermal Discharging
SMT072	489	'349879256_/_349879217_1'	0.4	0.77	0.53	0.304	0.3	1.42	0.18 Yes	0.3	Element Fault
SMT072	490	'2087653_/_2087651_2'	0.43	0.8	0.6	2.664	0.3	1.49	0.18 Yes	0.3	Element Fault
SMT072	491	'157576600_/_157576597'	1.2	2.2	1.5	0.904	10	4.2	0.53 Yes	0.904	Thermal Discharging
SMT072	492	'43254542_/_3075800'	0.73	1.1	2.83	2.664	0.2	1.79	0.21 Yes	0.2	Element Fault
SMT072	493	'419916992_/_157576616'	1.2	2.2	1.5	0.904	10	4.18	0.53 Yes	0.904	Thermal Discharging
SMT072	494	'2126538_/_349879217_2'	0.4	0.77	0.53	0.304	0.3	1.42	0.18 Yes	0.3	Element Fault
SMT072	495	'3074756_/_3074753'	2.2	2.8	2.9	8	3.6	4.98	0.59 Yes	2.2	Primary Over-Voltage
SMT072	496	'3074939_/_3075063'	0.7	0.93	0.97	2.664	0.3	1.62	0.19 Yes	0.3	Element Fault
SMT072	497	'349879425_/_419916994'	1.1	2.2	1.5	0.904	10	4.17	0.53 Yes	0.904	Thermal Discharging
SMT072	498	'157652325_/_157646162_1'	1.1	2.2	1.5	0.904	0.9	4.16	0.53 Yes	0.9	Element Fault
SMT072	499	'349879462_/_157645508'	1.1	2.2	1.5	0.904	10	4.16	0.53 Yes	0.904	Thermal Discharging
SMT072	500	'157645575_/_349879464'	1.1	2.2	1.5	0.904	10	4.14	0.53 Yes	0.904	Thermal Discharging
SMT072	501	'2130625_/_2130635'	0.5	0.83	0.67	2.664	0.3	1.5	0.19 Yes	0.3	Element Fault
SMT072	502	'157646165_/_157646162_2'	1.1	2.2	1.5	0.904	0.9	4.15	0.53 Yes	0.9	Element Fault
SMT072	503	'260133898_/_157646089'	1.1	2.1	1.5	0.904	10	4.13	0.53 Yes	0.904	Thermal Discharging
SMT072	504	'7534337_/_7534334_1'	0.5	0.83	0.67	2.664	0.2	1.5	0.19 Yes	0.2	Element Fault
SMT072	505	'2105156_/_260133900'	1.1	2.1	1.5	0.904	10	4.12	0.53 Yes	0.904	Thermal Discharging
SMT072	506	'43254710_/_3075998'	0.73	1.07	2.87	2.664	0.3	1.76	0.21 Yes	0.3	Element Fault
SMT072	507	'3074940_/_3074937'	0.7	0.93	0.97	2.664	0.3	1.6	0.19 Yes	0.3	Element Fault
SMT072	508	'260133704_/_157646104'	1.1	2.1	1.5	0.904	10	4.1	0.53 Yes	0.904	Thermal Discharging
SMT072	509	'118961621_/_118961626'	0.67	0.9	0.9	2.664	0.2	1.58	0.19 Yes	0.2	Element Fault
SMT072	510	'2130375_/_2130372'	0.5	0.83	0.67	2.664	0.3	1.5	0.19 Yes	0.3	Element Fault
SMT072	511	'349879652_/_349879654'	1.1	2.1	1.5	0.904	10	4.1	0.53 Yes	0.904	Thermal Discharging
SMT072	512	'2130349_/_2130346'	0.5	0.83	0.67	2.664	0.3	1.49	0.19 Yes	0.3	Element Fault
SMT072	513	'2087738_/_2087735'	0.43	0.77	0.57	2.664	0.3	1.44	0.18 Yes	0.3	Element Fault
SMT072	514	'390880998_/_212018065'	1.1	2.1	1.5	0.904	10	4.08	0.53 Yes	0.904	Thermal Discharging
SMT072	515	'2126551_/_2126548'	0.4	0.73	0.53	0.304	0.3	1.39	0.18 Yes	0.3	Element Fault
SMT072	516	'390880970_/_390881002'	1.1	2.1	1.5	0.904	10	4.06	0.53 Yes	0.904	Thermal Discharging
SMT072	517	'3077896_/_344811145'	0.67	1.03	1.9	2.664	0.5	1.72	0.21 Yes	0.5	Element Fault
SMT072	518	'87960241_/_9112093_1'	0.43	0.77	0.57	2.664	0.2	1.43	0.18 Yes	0.2	Element Fault
SMT072	519	'344811327_/_3083548_2'	0.67	1.03	1.9	2.664	0.5	1.72	0.21 Yes	0.5	Element Fault
SMT072	520	'389775880_/_390880974'	1.1	2.1	1.5	0.904	10	4.04	0.53 Yes	0.904	Thermal Discharging
SMT072	521	'7562127_/_7562124'	0.7	1.03	2.87	2.664	0.1	1.73	0.21 Yes	0.1	Element Fault
SMT072	522	'390880914_/_390880946'	1.1	2.1	1.5	0.904	10	4.02	0.53 Yes	0.904	Thermal Discharging
SMT072	523	'2087194_/_2087191'	0.43	0.77	0.57	2.664	0.3	1.42	0.18 Yes	0.3	Element Fault
SMT072	524	'89759996_/_2087748'	0.43	0.77	0.57	2.664	0.3	1.42	0.18 Yes	0.3	Element Fault
SMT072	525	'389775283_/_389775909'	1.1	2.1	1.5	0.904	10	4.02	0.53 Yes	0.904	Thermal Discharging
SMT072	526	'390880886_/_390880918'	1.1	2.1	1.5	0.904	10	4	0.53 Yes	0.904	Thermal Discharging
SMT072	527	'3082189_/_3083548_1'	0.67	1	1.9	2.664	0.2	1.7	0.21 Yes	0.2	Element Fault
SMT072	528	'2087329_/_2087326'	0.43	0.77	0.57	2.664	0.3	1.42	0.18 Yes	0.3	Element Fault
SMT072	529	'475407891_/_389775931'	1.1	2.1	1.5	0.904	10	4	0.53 Yes	0.904	Thermal Discharging
SMT072	530	'89760066_/_89760050_1'	0.43	0.77	0.57	2.664	0.2	1.41	0.18 Yes	0.2	Element Fault
SMT072	531	'43105941_/_43105943'	0.47	0.8	0.6	2.664	0.3	1.44	0.18 Yes	0.3	Element Fault
SMT072	532	'410711852_/_390880890'	1.1	2.1	1.5	0.904	10	3.98	0.53 Yes	0.904	Thermal Discharging
SMT072	533	'389775303_/_475407895'	1.1	2	1.5	0.904	10	3.98	0.53 Yes	0.904	Thermal Discharging
SMT072	534	'2126031_/_2126028'	0.43	0.77	0.57	2.664	0.5	1.41	0.18 Yes	0.43	Primary Over-Voltage
SMT072	535	'3075040_/_3075050'	0.7	0.9	0.97	2.664	0.3	1.55	0.19 Yes	0.3	Element Fault
SMT072	536	'43254531_/_3075787'	0.7	1.03	2.93	2.664	0.2	1.69	0.21 Yes	0.2	Element Fault
SMT072	537	'389775329_/_389775951'	1.1	2	1.5	0.904	10	3.96	0.53 Yes	0.904	Thermal Discharging
SMT072	538	'118961662_/_118961687'	0.67	0.87	0.9	2.664	0.2	1.53	0.19 Yes	0.2	Element Fault
SMT072	539	'3082214_/_344811166'	0.63	1	1.93	2.664	0.5	1.67	0.21 Yes	0.5	Element Fault
SMT072	540	'389775349_/_389775977'	1.1	2	1.5	0.904	10	3.93	0.53 Yes	0.904	Thermal Discharging
SMT072	541	'50746739_/_3082069_1'	0.63	0.97	1.9	2.664	0.2	1.68	0.21 Yes	0.2	Element Fault
SMT072	542	'389775369_/_389776003'	1.1	2	1.5	0.904	10	3.9	0.53 Yes	0.904	Thermal Discharging
SMT072	543	'2130624_/_2130622'	0.5	0.8	0.67	2.664	0.3	1.43	0.18 Yes	0.3	Element Fault
SMT072	544	'43254699_/_43254712'	0.67	1	2.97	2.664	0.3	1.67	0.21 Yes	0.3	Element Fault
SMT072	545	'2130362_/_2130359'	0.5	0.8	0.67	2.664	0.3	1.43	0.18 Yes	0.3	Element Fault
SMT072	546	'389775389_/_389776023'	1.1	2	1.5	0.904	10	3.88	0.53 Yes	0.904	Thermal Discharging
SMT072	547	'8194546_/_8194543_2'	0.63	0.97	1.9	2.664	0.2	1.65	0.21 Yes	0.2	Element Fault
SMT072	548	'414952196_/_414952193'	1.1	2	1.5	0.904	4.8	3.86	0.53 Yes	0.904	Thermal Discharging
SMT072	549	'389775409_/_389776043'	1.1	2	1.5	0.904	10	3.85	0.53 Yes	0.904	Thermal Discharging
SMT072	550	'2105208_/_2105205'	0.8	1.33	1	0.6	0.6	2.62	0.35 Yes	0.6	Element Fault
SMT072	551	'401567900_/_401567897'	1.1	2	1.5	0.904	5	3.84	0.53 Yes	0.904	Thermal Discharging
SMT072	552	'389775429_/_389776063'	1.1	1.9	1.5	0.904	10	3.82	0.53 Yes	0.904	Thermal Discharging
SMT072	553	'3082227_/_344811189'	0.63	0.97	1.93	2.664	0.5	1.61	0.21 Yes	0.5	Element Fault
SMT072	554	'118961587_/_118961673'	0.67	0.83	0.9	2.664	0.2	1.48	0.19 Yes	0.2	Element Fault
SMT072	555	'3074956_/_3074953'	0.7	0.87	0.97	2.664	0.3	1.48	0.19 Yes	0.3	Element Fault
SMT072	556	'3075829_/_43254533'	0.67	0.97	3.07	2.664	0.2	1.62	0.21 Yes	0.2	Element Fault
SMT072	557	'389775449_/_389776083'	1.1	1.9	1.5	0.904	10	3.8	0.53 Yes	0.904	Thermal Discharging
SMT072	558	'3082188_/_3082186'	0.6	0.93	1.93	2.664	0.2	1.61	0.21 Yes	0.2	Element Fault
SMT072	559	'3075027_/_3075037'	0.7	0.87	0.97	2.664	0.3	1.48	0.19 Yes	0.3	Element Fault

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SMT072	560	'43105952_/_2087722'		0.47	0.73	0.6	2.664	0.3	1.37	0.18 Yes	0.3 Element Fault
SMT072	561	'89760039_/_89760050_2'		0.43	0.73	0.57	2.664	0.2	1.35	0.18 Yes	0.2 Element Fault
SMT072	562	'389775469_/_389776103'		1.1	1.9	1.5	0.904	10	3.77	0.53 Yes	0.904 Thermal Discharging
SMT072	563	'2087751_/_89759998'		0.43	0.73	0.57	2.664	0.3	1.34	0.18 Yes	0.3 Element Fault
SMT072	564	'389775489_/_389776123'		1.1	1.9	1.5	0.904	10	3.75	0.53 Yes	0.904 Thermal Discharging
SMT072	565	'72832185_/_7144138'		0.77	0.9	1.47	2.664	0.3	1.52	0.2 Yes	0.3 Element Fault
SMT072	566	'387614397_/_389776787_1'		1.1	1.9	1.5	0.904	2.8	3.75	0.53 Yes	0.904 Thermal Discharging
SMT072	567	'387614415_/_389776830_1'		1.1	1.9	1.5	0.904	2.6	3.76	0.53 Yes	0.904 Thermal Discharging
SMT072	568	'398416883_/_389776787_2'		1.1	1.9	1.5	0.904	2.8	3.75	0.53 Yes	0.904 Thermal Discharging
SMT072	569	'398416890_/_389776830_2'		1.1	1.9	1.5	0.904	2.6	3.75	0.53 Yes	0.904 Thermal Discharging
SMT072	570	'7534336_/_7534334_2'		0.5	0.77	0.67	2.664	0.2	1.38	0.18 Yes	0.2 Element Fault
SMT072	571	'7144187_/_7144200_1'		0.77	0.9	1.47	2.664	0.2	1.51	0.2 Yes	0.2 Element Fault
SMT072	572	'72832230_/_7144171_1'		0.77	0.9	1.47	2.664	0.2	1.51	0.2 Yes	0.2 Element Fault
SMT072	573	'389776790_/_389776787_3'		1.1	1.9	1.5	0.904	2.8	3.74	0.53 Yes	0.904 Thermal Discharging
SMT072	574	'389776833_/_389776830_3'		1.1	1.9	1.5	0.904	2.6	3.75	0.53 Yes	0.904 Thermal Discharging
SMT072	575	'276041834_/_72832120_1'		0.77	0.9	1.47	2.664	0.2	1.51	0.2 Yes	0.2 Element Fault
SMT072	576	'2131786_/_2131799'		0.5	0.77	0.67	2.664	0.3	1.38	0.18 Yes	0.3 Element Fault
SMT072	577	'2130560_/_2130557'		0.5	0.77	0.67	2.664	0.3	1.38	0.18 Yes	0.3 Element Fault
SMT072	578	'389775631_/_389776149'		1.1	1.9	1.5	0.904	10	3.72	0.53 Yes	0.904 Thermal Discharging
SMT072	579	'2087167_/_2087204'		0.43	0.7	0.57	2.664	0.3	1.33	0.18 Yes	0.3 Element Fault
SMT072	580	'43105985_/_43105987_1'		0.43	0.73	0.6	2.664	0.3	1.34	0.18 Yes	0.3 Element Fault
SMT072	581	'3082201_/_3082199'		0.6	0.93	1.93	2.664	0.2	1.57	0.2 Yes	0.2 Element Fault
SMT072	582	'504048055_/_504048044_1'		0.5	0.77	0.67	2.664	0.1	1.37	0.18 Yes	0.1 Element Fault
SMT072	583	'43254688_/_43254701'		0.63	0.97	3.1	2.664	0.3	1.58	0.21 Yes	0.3 Element Fault
SMT072	584	'9137508_/_9137505'		0.67	0.8	0.9	2.664	0.2	1.44	0.19 Yes	0.2 Element Fault
SMT072	585	'389775651_/_389776174'		1.1	1.9	1.5	0.904	10	3.7	0.53 Yes	0.904 Thermal Discharging
SMT072	586	'389775671_/_389776194'		1.1	1.9	1.5	0.904	10	3.68	0.53 Yes	0.904 Thermal Discharging
SMT072	587	'3082240_/_344811210'		0.6	0.9	1.97	2.664	0.5	1.54	0.2 Yes	0.5 Element Fault
SMT072	588	'9112096_/_9112093_2'		0.43	0.7	0.57	2.664	0.2	1.32	0.18 Yes	0.2 Element Fault
SMT072	589	'387614433_/_389776214_1'		1.1	1.9	1.5	0.904	10	3.66	0.53 Yes	0.904 Thermal Discharging
SMT072	590	'389775691_/_389776214_2'		1.1	1.9	1.5	0.904	10	3.65	0.53 Yes	0.904 Thermal Discharging
SMT072	591	'3075014_/_3075024'		0.7	0.8	0.97	2.664	0.3	1.42	0.19 Yes	0.3 Element Fault
SMT072	592	'2105223_/_2105220'		0.8	1.27	1	0.6	0.6	2.51	0.35 Yes	0.6 Element Fault
SMT072	593	'389775711_/_389776234'		1.1	1.9	1.5	0.904	10	3.63	0.53 Yes	0.904 Thermal Discharging
SMT072	594	'43109392_/_2106827'		0.43	0.7	0.57	2.664	0.3	1.29	0.18 Yes	0.3 Element Fault
SMT072	595	'389775731_/_389776254'		1.1	1.8	1.5	0.904	10	3.61	0.53 Yes	0.904 Thermal Discharging
SMT072	596	'7244713_/_7872423'		0.63	0.9	2.2	2.664	0.3	1.52	0.2 Yes	0.3 Element Fault
SMT072	597	'389775751_/_389776280'		1.1	1.8	1.5	0.904	10	3.58	0.53 Yes	0.904 Thermal Discharging
SMT072	598	'7144141_/_72832120_2'		0.73	0.87	1.47	2.664	0.2	1.44	0.2 Yes	0.2 Element Fault
SMT072	599	'43106020_/_2130570'		0.5	0.73	0.67	2.664	0.3	1.32	0.18 Yes	0.3 Element Fault
SMT072	600	'389775771_/_389776300'		1.1	1.8	1.5	0.904	10	3.56	0.53 Yes	0.904 Thermal Discharging
SMT072	601	'2131726_/_2131783'		0.5	0.73	0.67	2.664	0.3	1.32	0.18 Yes	0.3 Element Fault
SMT072	602	'2087712_/_43105965'		0.47	0.7	0.6	2.664	0.3	1.3	0.18 Yes	0.3 Element Fault
SMT072	603	'2107547_/_389775788'		1.1	1.8	1.5	0.904	10	3.55	0.53 Yes	0.904 Thermal Discharging
SMT072	604	'7120104_/_7120101'		0.7	0.8	0.97	2.664	0.3	1.39	0.19 Yes	0.3 Element Fault
SMT072	605	'3082124_/_344811231'		0.57	0.87	2	2.664	0.5	1.48	0.2 Yes	0.5 Element Fault
SMT072	606	'2107564_/_2107561'		1.1	1.8	1.5	0.904	10	3.54	0.53 Yes	0.904 Thermal Discharging
SMT072	607	'3075143_/_7144200_2'		0.73	0.87	1.47	2.664	0.2	1.43	0.2 Yes	0.2 Element Fault
SMT072	608	'2131697_/_2131723'		0.5	0.73	0.67	2.664	0.3	1.31	0.18 Yes	0.3 Element Fault
SMT072	609	'2087764_/_2087761'		0.43	0.7	0.57	2.664	0.3	1.27	0.18 Yes	0.3 Element Fault
SMT072	610	'2106846_/_2106843'		0.43	0.67	0.57	2.664	0.3	1.27	0.18 Yes	0.3 Element Fault
SMT072	611	'2107581_/_2107578'		1.1	1.8	1.5	0.904	10	3.51	0.53 Yes	0.904 Thermal Discharging
SMT072	612	'43256584_/_43254690'		0.6	0.9	3.33	2.664	0.3	1.48	0.2 Yes	0.3 Element Fault
SMT072	613	'2107598_/_2107595'		1.1	1.8	1.5	0.904	10	3.48	0.53 Yes	0.904 Thermal Discharging
SMT072	614	'3082123_/_344811252'		0.57	0.87	2	2.664	0.5	1.45	0.2 Yes	0.5 Element Fault
SMT072	615	'3075465_/_7144171_2'		0.7	0.83	1.47	2.664	0.2	1.41	0.2 Yes	0.2 Element Fault
SMT072	616	'3074998_/_3075011'		0.77	0.77	0.97	2.664	0.3	1.36	0.19 Yes	0.3 Element Fault
SMT072	617	'8794594_/_504048044_2'		0.5	0.7	0.67	2.664	0.1	1.29	0.18 Yes	0.1 Element Fault
SMT072	618	'3082136_/_3082160_2'		0.57	0.87	2.03	2.664	0.5	1.45	0.2 Yes	0.5 Element Fault
SMT072	619	'3082110_/_3082108_1'		0.57	0.87	2.03	2.664	0.2	1.44	0.2 Yes	0.2 Element Fault
SMT072	620	'454824731_/_2107615_1'		1.1	1.8	1.5	0.904	10	3.45	0.53 Yes	0.904 Thermal Discharging
SMT072	621	'2107618_/_2107615_2'		1.1	1.8	1.5	0.904	10	3.45	0.53 Yes	0.904 Thermal Discharging
SMT072	622	'43105882_/_43105884'		0.5	0.7	0.67	2.664	0.3	1.28	0.18 Yes	0.3 Element Fault
SMT072	623	'2105241_/_2105238'		0.8	1.27	1	0.6	0.6	2.41	0.35 Yes	0.6 Element Fault
SMT072	624	'2130586_/_2130583'		0.5	0.7	0.67	2.664	0.3	1.28	0.18 Yes	0.3 Element Fault
SMT072	625	'3078157_/_3078170'		0.6	0.87	3.33	2.664	0.3	1.45	0.2 Yes	0.3 Element Fault
SMT072	626	'2107655_/_2107669'		1.1	1.8	1.5	0.904	10	3.42	0.53 Yes	0.904 Thermal Discharging
SMT072	627	'3074773_/_3074770'		2	2.3	3	8	3.6	4.11	0.58 Yes	2 Primary Over-Voltage
SMT072	628	'2107638_/_2107652'		1.1	1.8	1.5	0.904	10	3.39	0.53 Yes	0.904 Thermal Discharging
SMT072	629	'2087777_/_2087774'		0.43	0.67	0.57	2.664	0.3	1.23	0.18 Yes	0.3 Element Fault
SMT072	630	'2087819_/_2087816'		0.43	0.67	0.6	2.664	0.3	1.24	0.18 Yes	0.3 Element Fault
SMT072	631	'454824976_/_454824978'		1.1	1.8	1.5	0.904	10	3.37	0.53 Yes	0.904 Thermal Discharging
SMT072	632	'2087168_/_2087165'		0.43	0.67	0.57	2.664	0.3	1.22	0.18 Yes	0.3 Element Fault
SMT072	633	'43107848_/_43107850'		1.1	1.8	1.5	0.904	10	3.37	0.53 Yes	0.904 Thermal Discharging
SMT072	634	'89760087_/_89760098'		0.43	0.67	0.57	2.664	0.2	1.22	0.18 Yes	0.2 Element Fault
SMT072	635	'3075144_/_3075141'		0.67	0.8	1.5	2.664	0.2	1.35	0.19 Yes	0.2 Element Fault
SMT072	636	'3074968_/_3074995'		0.73	0.73	0.97	2.664	0.3	1.3	0.19 Yes	0.3 Element Fault
SMT072	637	'9425692_/_504048088'		0.5	0.67	0.67	2.664	0.1	1.24	0.18 Yes	0.1 Element Fault
SMT072	638	'454824742_/_2107473'		1.1	1.7	1.5	0.904	5.3	3.33	0.53 Yes	0.904 Thermal Discharging
SMT072	639	'2130599_/_2130596'		0.5	0.67	0.7	2.664	0.3	1.23	0.18 Yes	0.3 Element Fault
SMT072	640	'2087790_/_2087787'		0.43	0.63	0.57	2.664	0.3	1.19	0.18 Yes	0.3 Element Fault
SMT072	641	'3074969_/_3074966'		0.73	0.73	0.97	2.664	0.3	1.29	0.19 Yes	0.3 Element Fault
SMT072	642	'7244714_/_7244711'		0.57	0.8	2.3	2.664	0.3	1.37	0.2 Yes	0.3 Element Fault
SMT072	643	'454825025_/_2106453_1'		1.1	1.7	1.5	0.904	1.5	3.3	0.53 Yes	0.904 Thermal Discharging
SMT072	644	'3075449_/_3075462'		0.67	0.77	1.5	2.664	0.2	1.32	0.19 Yes	0.2 Element Fault
SMT072	645	'2105256_/_2105253'		0.8	1.2	1	0.6	0.6	2.3	0.35 Yes	0.6 Element Fault
SMT072	646	'454824998_/_2106453_2'		1.1	1.7	1.5	0.904	1.5	3.29	0.53 Yes	0.904 Thermal Discharging
SMT072	647	'7534288_/_7844964'		0.5	0.67	0.67	2.664	0.2	1.21	0.18 Yes	0.2 Element Fault
SMT072	648	'3075157_/_3075154'		0.63	0.77	1.5	2.664	0.2	1.3	0.19 Yes	0.2 Element Fault
SMT072	649	'3082111_/_3082108_2'		0.5	0.8	2.07	2.664	0.2	1.34	0.2 Yes	0.2 Element Fault
SMT072	650	'454824777_/_2107490'		1.1	1.7	1.5	0.904	5.3	3.26	0.53 Yes	0.904 Thermal Discharging
SMT072	651	'2130612_/_2130609'		0.5	0.67	0.7	2.664	0.3	1.2	0.18 Yes	0.3 Element Fault
SMT072	652	'7120120_/_7120117'		0.73	0.7	0.97	2.664	0.3	1.25	0.19 Yes	0.3 Element Fault
SMT072	653	'3078144_/_3078154'		0.53	0.8	3.33	2.664	0.3	1.33	0.2 Yes	0.3 Element Fault

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SMT072	654	'3074984_/_3074982'	0.73	0.7	0.97	2.664	0.3	1.24	0.19 Yes	0.3	Element Fault
SMT072	655	'3074796_/_3074793'	1.8	2.1	3	8	3.6	3.82	0.58 Yes	1.8	Primary Over-Voltage
SMT072	656	'454824800_/_2107703'	1.1	1.7	1.5	0.904	5.3	3.21	0.53 Yes	0.904	Thermal Discharging
SMT072	657	'51778229_/_2131707'	0.5	0.63	0.7	2.664	0.3	1.17	0.18 Yes	0.3	Element Fault
SMT072	658	'51778249_/_104408662_1'	0.5	0.63	0.7	2.664	0.2	1.17	0.18 Yes	0.2	Element Fault
SMT072	659	'43105904_/_2087178'	0.43	0.6	0.57	2.664	0.3	1.14	0.18 Yes	0.3	Element Fault
SMT072	660	'3075170_/_3075167'	0.63	0.73	1.53	2.664	0.2	1.25	0.19 Yes	0.2	Element Fault
SMT072	661	'3077938_/_3082160_1'	0.5	0.77	2.07	2.664	0.2	1.29	0.2 Yes	0.2	Element Fault
SMT072	662	'104408656_/_104408662_2'	0.5	0.63	0.7	2.664	0.2	1.16	0.18 Yes	0.2	Element Fault
SMT072	663	'2087803_/_2087800'	0.43	0.6	0.57	2.664	0.3	1.13	0.18 Yes	0.3	Element Fault
SMT072	664	'104408732_/_104408743'	0.5	0.63	0.7	2.664	0.2	1.15	0.18 Yes	0.2	Element Fault
SMT072	665	'3075436_/_3075446'	0.6	0.73	1.53	2.664	0.2	1.24	0.19 Yes	0.2	Element Fault
SMT072	666	'104408691_/_104408757'	0.5	0.63	0.7	2.664	0.2	1.14	0.18 Yes	0.2	Element Fault
SMT072	667	'504048169_/_7534286_1'	0.5	0.57	0.7	2.664	0.1	1.15	0.18 Yes	0.1	Element Fault
SMT072	668	'3078131_/_3078141'	0.5	0.77	3.33	2.664	0.3	1.26	0.2 Yes	0.3	Element Fault
SMT072	669	'2130284_/_2130294'	0.5	0.63	0.7	2.664	0.3	1.13	0.18 Yes	0.3	Element Fault
SMT072	670	'2131164_/_7120010'	0.73	0.67	0.97	2.664	0.3	1.18	0.19 Yes	0.3	Element Fault
SMT072	671	'3078130_/_3078128'	0.5	0.73	3.33	2.664	0.3	1.23	0.2 Yes	0.3	Element Fault
SMT072	672	'43254395_/_3075180'	0.57	0.7	1.53	2.664	0.2	1.19	0.19 Yes	0.2	Element Fault
SMT072	673	'71669020_/_9137735_2'	0.5	0.73	3.33	2.664	0.3	1.23	0.2 Yes	0.3	Element Fault
SMT072	674	'43254621_/_3082173'	0.47	0.7	2.1	2.664	0.2	1.22	0.2 Yes	0.2	Element Fault
SMT072	675	'2087303_/_2087313'	0.43	0.57	0.57	2.664	0.3	1.07	0.18 Yes	0.3	Element Fault
SMT072	676	'3075196_/_43254397'	0.57	0.7	1.57	2.664	0.2	1.16	0.19 Yes	0.2	Element Fault
SMT072	677	'2130283_/_2130281'	0.5	0.6	0.7	2.664	0.3	1.08	0.18 Yes	0.3	Element Fault
SMT072	678	'3075423_/_3075433'	0.57	0.67	1.53	2.664	0.2	1.16	0.19 Yes	0.2	Element Fault
SMT072	679	'2131151_/_2131161'	0.73	0.63	1	2.664	0.3	1.12	0.18 Yes	0.3	Element Fault
SMT072	680	'51778211_/_7218998'	0.5	0.6	0.7	2.664	0.2	1.08	0.18 Yes	0.2	Element Fault
SMT072	681	'8505704_/_9137735_1'	0.47	0.7	3.33	2.664	0.2	1.18	0.2 Yes	0.2	Element Fault
SMT072	682	'3075209_/_3075206'	0.57	0.67	1.57	2.664	0.2	1.13	0.19 Yes	0.2	Element Fault
SMT072	683	'68309854_/_68309847'	0.47	0.7	3.33	2.664	0.3	1.16	0.2 Yes	0.3	Element Fault
SMT072	684	'7534289_/_9425690'	0.5	0.57	0.7	2.664	0.1	1.06	0.18 Yes	0.1	Element Fault
SMT072	685	'2087302_/_2087300'	0.43	0.53	0.57	2.664	0.3	1.02	0.18 Yes	0.3	Element Fault
SMT072	686	'2131083_/_2131369'	0.5	0.57	0.7	2.664	0.3	1.04	0.18 Yes	0.3	Element Fault
SMT072	687	'43254644_/_3077936'	0.43	0.67	2.17	2.664	0.2	1.15	0.2 Yes	0.2	Element Fault
SMT072	688	'3077303_/_43254623'	0.43	0.67	2.17	2.664	0.2	1.15	0.2 Yes	0.2	Element Fault
SMT072	689	'3075410_/_3075420'	0.53	0.63	1.57	2.664	0.2	1.1	0.19 Yes	0.2	Element Fault
SMT072	690	'2131138_/_2131148'	0.7	0.6	1	2.664	0.3	1.07	0.18 Yes	0.3	Element Fault
SMT072	691	'7218984_/_438757710'	0.5	0.57	0.7	2.664	0.2	1.02	0.18 Yes	0.2	Element Fault
SMT072	692	'43254632_/_43254634'	0.43	0.63	2.2	2.664	0.2	1.11	0.19 Yes	0.2	Element Fault
SMT072	693	'2087925_/_2088046'	0.43	0.53	0.57	2.664	0.3	0.99	0.18 Yes	0.3	Element Fault
SMT072	694	'7216178_/_7216176_1'	0.43	0.53	0.57	2.664	0.2	0.99	0.18 Yes	0.2	Element Fault
SMT072	695	'3077304_/_3077301'	0.4	0.63	2.2	2.664	0.2	1.1	0.19 Yes	0.2	Element Fault
SMT072	696	'8505687_/_8505685'	0.43	0.67	3.33	2.664	0.2	1.1	0.19 Yes	0.2	Element Fault
SMT072	697	'2131082_/_2131080'	0.5	0.53	0.7	2.664	0.3	1	0.18 Yes	0.3	Element Fault
SMT072	698	'9425757_/_9698656_1'	0.5	0.53	0.7	2.664	0.2	1	0.18 Yes	0.2	Element Fault
SMT072	699	'3077265_/_3077275'	0.4	0.63	2.2	2.664	0.2	1.08	0.19 Yes	0.2	Element Fault
SMT072	700	'2087847_/_2087923'	0.43	0.53	0.57	2.664	0.3	0.96	0.18 Yes	0.3	Element Fault
SMT072	701	'2131122_/_2131135'	0.67	0.57	1	2.664	0.3	1.02	0.18 Yes	0.3	Element Fault
SMT072	702	'3075397_/_3075407'	0.5	0.6	1.6	2.664	0.2	1.04	0.19 Yes	0.2	Element Fault
SMT072	703	'7562271_/_9137719'	0.43	0.63	3.33	2.664	0.2	1.07	0.19 Yes	0.2	Element Fault
SMT072	704	'2131070_/_2131093'	0.5	0.53	0.7	2.664	0.3	0.97	0.18 Yes	0.3	Element Fault
SMT072	705	'9698659_/_9698656_2'	0.5	0.53	0.7	2.664	0.2	0.97	0.18 Yes	0.2	Element Fault
SMT072	706	'3078076_/_3078073'	0.4	0.63	3.33	2.664	0.3	1.05	0.19 Yes	0.3	Element Fault
SMT072	707	'43254655_/_3077314'	0.4	0.6	2.23	2.664	0.2	1.05	0.19 Yes	0.2	Element Fault
SMT072	708	'3077317_/_240619301_1'	0.4	0.6	2.23	2.664	0.1	1.05	0.19 Yes	0.1	Element Fault
SMT072	709	'2087860_/_2087936'	0.43	0.5	0.57	2.664	0.3	0.94	0.18 Yes	0.3	Element Fault
SMT072	710	'51168241_/_51168164'	0.5	0.53	0.7	2.664	0.2	0.96	0.18 Yes	0.2	Element Fault
SMT072	711	'65526891_/_2131067'	0.5	0.53	0.7	2.664	0.3	0.95	0.18 Yes	0.3	Element Fault
SMT072	712	'3075384_/_3075394'	0.47	0.57	1.63	2.664	0.2	1	0.18 Yes	0.2	Element Fault
SMT072	713	'65526964_/_65526841'	0.5	0.53	0.7	2.664	0.3	0.94	0.18 Yes	0.3	Element Fault
SMT072	714	'2087861_/_2087858'	0.43	0.5	0.57	2.664	0.3	0.92	0.18 Yes	0.3	Element Fault
SMT072	715	'3078089_/_3078086'	0.4	0.6	3.33	2.664	0.3	1.02	0.19 Yes	0.3	Element Fault
SMT072	716	'3077252_/_3077262'	0.37	0.6	2.27	2.664	0.2	1.02	0.19 Yes	0.2	Element Fault
SMT072	717	'2131109_/_2131119'	0.63	0.53	1	2.664	0.3	0.97	0.18 Yes	0.3	Element Fault
SMT072	718	'143977837_/_2131174_1'	0.6	0.53	1	2.664	0.1	0.97	0.18 Yes	0.1	Element Fault
SMT072	719	'240619200_/_240619301_2'	0.37	0.6	2.3	2.664	0.1	1.01	0.19 Yes	0.1	Element Fault
SMT072	720	'9452751_/_240619182'	0.37	0.6	2.3	2.664	0.1	1.01	0.19 Yes	0.1	Element Fault
SMT072	721	'240619218_/_240619282'	0.37	0.57	2.3	2.664	0.1	1.01	0.19 Yes	0.1	Element Fault
SMT072	722	'65526969_/_65526869'	0.5	0.5	0.7	2.664	0.3	0.92	0.18 Yes	0.3	Element Fault
SMT072	723	'9387097_/_51168243'	0.5	0.5	0.7	2.664	0.2	0.92	0.18 Yes	0.2	Element Fault
SMT072	724	'2087874_/_2087871'	0.43	0.5	0.57	2.664	0.3	0.9	0.18 Yes	0.3	Element Fault
SMT072	725	'2131041_/_2131054'	0.5	0.5	0.7	2.664	0.3	0.92	0.18 Yes	0.3	Element Fault
SMT072	726	'7844998_/_7844996_1'	0.5	0.5	0.7	2.664	0.3	0.92	0.18 Yes	0.3	Element Fault
SMT072	727	'37654869_/_9452732'	0.37	0.57	2.33	2.664	0.1	0.99	0.19 Yes	0.1	Element Fault
SMT072	728	'37654834_/_37654866'	0.37	0.57	2.33	2.664	0.1	0.99	0.19 Yes	0.1	Element Fault
SMT072	729	'37654827_/_37654831'	0.37	0.57	2.33	2.664	0.1	0.99	0.19 Yes	0.1	Element Fault
SMT072	730	'37654841_/_37654838'	0.37	0.57	2.33	2.664	0.1	0.99	0.19 Yes	0.1	Element Fault
SMT072	731	'37654855_/_37654859'	0.37	0.57	2.33	2.664	0.1	0.99	0.19 Yes	0.1	Element Fault
SMT072	732	'7562174_/_7562172'	0.37	0.57	2.37	2.664	0.1	0.98	0.19 Yes	0.1	Element Fault
SMT072	733	'2131108_/_2131106'	0.6	0.53	1	2.664	0.3	0.94	0.18 Yes	0.3	Element Fault
SMT072	734	'7244814_/_7562268'	0.4	0.57	3.33	2.664	0.2	0.98	0.19 Yes	0.2	Element Fault
SMT072	735	'7216179_/_7216176_2'	0.43	0.47	0.57	2.664	0.2	0.89	0.18 Yes	0.2	Element Fault
SMT072	736	'51778183_/_7218982'	0.5	0.5	0.7	2.664	0.2	0.9	0.18 Yes	0.2	Element Fault
SMT072	737	'2087887_/_2087884'	0.43	0.47	0.57	2.664	0.3	0.88	0.18 Yes	0.3	Element Fault
SMT072	738	'3075371_/_3075381'	0.43	0.57	1.67	2.664	0.2	0.94	0.18 Yes	0.2	Element Fault
SMT072	739	'412704821_/_396763969_2'	0.37	0.57	2.4	2.664	0.1	0.96	0.19 Yes	0.1	Element Fault
SMT072	740	'396763986_/_396763969_1'	0.37	0.57	2.4	2.664	0.1	0.96	0.19 Yes	0.1	Element Fault
SMT072	741	'3077239_/_3077249'	0.37	0.57	2.37	2.664	0.2	0.96	0.19 Yes	0.2	Element Fault
SMT072	742	'43106277_/_2131174_2'	0.57	0.53	1.03	2.664	0.1	0.92	0.18 Yes	0.1	Element Fault
SMT072	743	'7562159_/_396763948'	0.37	0.57	2.43	2.664	0.1	0.96	0.19 Yes	0.1	Element Fault
SMT072	744	'7844999_/_7844996_2'	0.53	0.5	0.7	2.664	0.3	0.89	0.18 Yes	0.3	Element Fault
SMT072	745	'2131177_/_7534302_1'	0.57	0.53	1.03	2.664	0.1	0.91	0.18 Yes	0.1	Element Fault
SMT072	746	'3074418_/_7119994'	0.57	0.53	1.03	2.664	0.3	0.91	0.18 Yes	0.3	Element Fault
SMT072	747	'8822819_/_9057083_1'	0.57	0.5	1.03	2.664	0.1	0.91	0.18 Yes	0.1	Element Fault

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SMT072	748	'9070743_/_51168272'		0.53	0.47	0.7	2.664	0.2	0.88	0.18 Yes	0.2 Element Fault
SMT072	749	'43106031_/_2087897'		0.43	0.47	0.57	2.664	0.3	0.86	0.18 Yes	0.3 Element Fault
SMT072	750	'2088007_/_2088004'		0.43	0.47	0.57	2.664	0.3	0.86	0.18 Yes	0.3 Element Fault
SMT072	751	'51778168_/_8461882'		0.53	0.47	0.7	2.664	0.2	0.88	0.18 Yes	0.2 Element Fault
SMT072	752	'7244813_/_7244811'		0.37	0.57	3.33	2.664	0.2	0.94	0.19 Yes	0.2 Element Fault
SMT072	753	'9425789_/_9425786'		0.53	0.47	0.7	2.664	0.3	0.86	0.18 Yes	0.3 Element Fault
SMT072	754	'3075370_/_3075368'		0.43	0.53	1.7	2.664	0.2	0.91	0.18 Yes	0.2 Element Fault
SMT072	755	'3074405_/_3074415'		0.57	0.5	1.03	2.664	0.3	0.89	0.18 Yes	0.3 Element Fault
SMT072	756	'7534305_/_7534302_2'		0.57	0.5	1.03	2.664	0.1	0.89	0.18 Yes	0.1 Element Fault
SMT072	757	'60940454_/_9057083_2'		0.57	0.5	1.03	2.664	0.1	0.89	0.18 Yes	0.1 Element Fault
SMT072	758	'8753470_/_9070741'		0.53	0.47	0.7	2.664	0.2	0.86	0.18 Yes	0.2 Element Fault
SMT072	759	'8822902_/_349499102'		0.33	0.53	2.6	2.664	0.1	0.91	0.19 Yes	0.1 Element Fault
SMT072	760	'2087913_/_43106033'		0.43	0.43	0.6	2.664	0.3	0.83	0.18 Yes	0.3 Element Fault
SMT072	761	'3074404_/_3074402'		0.53	0.5	1.03	2.664	0.3	0.87	0.18 Yes	0.3 Element Fault
SMT072	762	'9452719_/_396763900'		0.33	0.5	2.73	2.664	0.1	0.89	0.19 Yes	0.1 Element Fault
SMT072	763	'2087912_/_2087910'		0.43	0.43	0.6	2.664	0.3	0.81	0.18 Yes	0.2 Element Fault
SMT072	764	'3075264_/_3076373'		0.4	0.5	1.73	2.664	0.2	0.86	0.18 Yes	0.2 Element Fault
SMT072	765	'51778152_/_8461866'		0.53	0.47	0.7	2.664	0.2	0.83	0.18 Yes	0.2 Element Fault
SMT072	766	'3077226_/_3077236'		0.33	0.5	2.53	2.664	0.2	0.88	0.19 Yes	0.2 Element Fault
SMT072	767	'3075250_/_3075248_1'		0.4	0.5	1.73	2.664	0.2	0.86	0.18 Yes	0.2 Element Fault
SMT072	768	'37654897_/_8194575'		0.33	0.5	3.33	2.664	0.2	0.87	0.18 Yes	0.2 Element Fault
SMT072	769	'37654890_/_37654894'		0.33	0.5	3.33	2.664	0.2	0.87	0.18 Yes	0.2 Element Fault
SMT072	770	'399802555_/_37654887_2'		0.33	0.5	3.33	2.664	0.2	0.87	0.18 Yes	0.2 Element Fault
SMT072	771	'37654911_/_37654915'		0.33	0.5	3.33	2.664	0.2	0.87	0.18 Yes	0.2 Element Fault
SMT072	772	'37654883_/_37654887_1'		0.33	0.5	3.33	2.664	0.2	0.87	0.18 Yes	0.2 Element Fault
SMT072	773	'399802556_/_399802553'		0.33	0.5	3.33	2.664	0.1	0.87	0.18 Yes	0.1 Element Fault
SMT072	774	'3075251_/_3075248_2'		0.4	0.5	1.8	2.664	0.2	0.83	0.18 Yes	0.2 Element Fault
SMT072	775	'43254384_/_43254386'		0.4	0.47	1.8	2.664	0.2	0.83	0.18 Yes	0.2 Element Fault
SMT072	776	'2087952_/_2087949'		0.43	0.43	0.6	2.664	0.3	0.78	0.18 Yes	0.3 Element Fault
SMT072	777	'51778136_/_8168299'		0.53	0.43	0.7	2.664	0.2	0.79	0.18 Yes	0.2 Element Fault
SMT072	778	'7244782_/_7244779'		0.33	0.5	3.33	2.664	0.2	0.84	0.18 Yes	0.2 Element Fault
SMT072	779	'7801432_/_7801429'		0.53	0.43	0.7	2.664	0.2	0.79	0.18 Yes	0.2 Element Fault
SMT072	780	'43106042_/_2087991'		0.43	0.4	0.6	2.664	0.3	0.77	0.18 Yes	0.3 Element Fault
SMT072	781	'107136255_/_3077223_2'		0.3	0.47	2.87	2.664	0.2	0.83	0.18 Yes	0.2 Element Fault
SMT072	782	'43254373_/_43254375'		0.37	0.47	1.83	2.664	0.2	0.81	0.18 Yes	0.2 Element Fault
SMT072	783	'3077213_/_3077223_1'		0.3	0.47	2.97	2.664	0.1	0.82	0.18 Yes	0.1 Element Fault
SMT072	784	'2086834_/_2088020'		0.43	0.4	0.6	2.664	0.3	0.75	0.18 Yes	0.3 Element Fault
SMT072	785	'51778053_/_8753436'		0.53	0.4	0.7	2.664	0.2	0.76	0.18 Yes	0.2 Element Fault
SMT072	786	'3075224_/_3075222'		0.37	0.47	1.87	2.664	0.2	0.78	0.18 Yes	0.2 Element Fault
SMT072	787	'8162409_/_8194591'		0.3	0.47	3.33	2.664	0.2	0.79	0.18 Yes	0.2 Element Fault
SMT072	788	'2086835_/_2086832'		0.43	0.4	0.6	2.664	0.3	0.73	0.18 Yes	0.3 Element Fault
SMT072	789	'8162410_/_8162407'		0.3	0.47	3.33	2.664	0.2	0.77	0.18 Yes	0.2 Element Fault
SMT072	790	'3077160_/_3077158'		0.3	0.43	3.33	2.664	0.1	0.77	0.18 Yes	0.1 Element Fault
SMT072	791	'2087994_/_43106044'		0.43	0.4	0.6	2.664	0.3	0.71	0.18 Yes	0.3 Element Fault
SMT072	792	'3075316_/_3076360'		0.33	0.43	2	2.664	0.2	0.75	0.18 Yes	0.2 Element Fault
SMT072	793	'2086848_/_2086845'		0.43	0.37	0.6	2.664	0.3	0.71	0.18 Yes	0.3 Element Fault
SMT072	794	'2086928_/_2086926'		0.43	0.37	0.6	2.664	0.3	0.69	0.18 Yes	0.3 Element Fault
SMT072	795	'3077135_/_3077499'		0.27	0.43	3.33	2.664	0.1	0.74	0.18 Yes	0.1 Element Fault
SMT072	796	'2086861_/_2086858'		0.43	0.37	0.6	2.664	0.3	0.69	0.18 Yes	0.3 Element Fault
SMT072	797	'3075303_/_3075313'		0.33	0.43	2.13	2.664	0.2	0.72	0.18 Yes	0.2 Element Fault
SMT072	798	'8753455_/_51778068'		0.47	0.37	0.73	2.664	0.2	0.69	0.18 Yes	0.2 Element Fault
SMT072	799	'3075290_/_3075300'		0.33	0.4	3.33	2.664	0.2	0.7	0.18 Yes	0.2 Element Fault
SMT072	800	'2086877_/_2086874'		0.43	0.37	0.6	2.664	0.3	0.66	0.18 Yes	0.3 Element Fault
SMT072	801	'3077134_/_3077132'		0.27	0.4	3.33	2.664	0.1	0.71	0.18 Yes	0.1 Element Fault
SMT072	802	'3075289_/_3075287'		0.3	0.4	3.33	2.664	0.2	0.68	0.18 Yes	0.2 Element Fault
SMT072	803	'51778083_/_9112493'		0.43	0.37	0.73	2.664	0.2	0.66	0.18 Yes	0.2 Element Fault
SMT072	804	'2086890_/_2086887'		0.43	0.33	0.6	2.664	0.3	0.65	0.18 Yes	0.3 Element Fault
SMT072	805	'399133216_/_399133218'		0.27	0.4	3.33	2.664	0.1	0.68	0.18 Yes	0.1 Element Fault
SMT072	806	'472714503_/_43254454_1'		0.27	0.4	3.33	2.664	0.1	0.68	0.18 Yes	0.1 Element Fault
SMT072	807	'2086903_/_2086900'		0.43	0.33	0.6	2.664	0.3	0.63	0.18 Yes	0.3 Element Fault
SMT072	808	'454825051_/_2106436'		1.2	1	1.7	0.904	0.9	1.69	0.53 Yes	0.9 Element Fault
SMT072	809	'399133198_/_399133200'		0.23	0.37	3.33	2.664	0.1	0.66	0.18 Yes	0.1 Element Fault
SMT072	810	'3077291_/_43254454_2'		0.23	0.37	3.33	2.664	0.1	0.66	0.18 Yes	0.1 Element Fault
SMT072	811	'2086916_/_2086913'		0.43	0.33	0.6	2.664	0.3	0.62	0.18 Yes	0.3 Element Fault
SMT072	812	'399133180_/_399133182'		0.23	0.37	3.33	2.664	0.1	0.65	0.18 Yes	0.1 Element Fault
SMT072	813	'51778102_/_8794608'		0.4	0.33	0.73	2.664	0.2	0.62	0.18 Yes	0.2 Element Fault
SMT072	814	'51778292_/_8168315_1'		0.4	0.33	0.73	2.664	0.2	0.62	0.18 Yes	0.2 Element Fault
SMT072	815	'399133162_/_399133164'		0.23	0.37	3.33	2.664	0.1	0.63	0.18 Yes	0.1 Element Fault
SMT072	816	'2088036_/_2088033'		0.43	0.33	0.6	2.664	0.3	0.59	0.18 Yes	0.3 Element Fault
SMT072	817	'43254417_/_43254419'		0.23	0.37	3.33	2.664	0.1	0.61	0.18 Yes	0.1 Element Fault
SMT072	818	'43256368_/_43256370'		0.23	0.33	3.33	2.664	0.1	0.59	0.18 Yes	0.1 Element Fault
SMT072	819	'3077070_/_3077080'		0.23	0.33	3.33	2.664	0.1	0.58	0.18 Yes	0.1 Element Fault
SMT072	820	'3077057_/_3077067'		0.2	0.33	3.33	2.664	0.1	0.57	0.18 Yes	0.1 Element Fault
SMT072	821	'8194451_/_453466458_1'		0.2	0.33	3.33	2.664	0.1	0.57	0.18 Yes	0.1 Element Fault
SMT072	822	'3077044_/_3077054'		0.2	0.3	3.33	2.664	0.1	0.55	0.18 Yes	0.1 Element Fault
SMT072	823	'7872377_/_453466458_2'		0.2	0.3	3.33	2.664	0.1	0.55	0.18 Yes	0.1 Element Fault
SMT072	824	'3077122_/_3077119'		0.2	0.3	3.33	2.664	0.1	0.54	0.18 Yes	0.1 Element Fault
SMT072	825	'3077018_/_3077041'		0.2	0.3	3.33	2.664	0.1	0.54	0.18 Yes	0.1 Element Fault
SMT072	826	'399132596_/_9137537_1'		0.2	0.3	3.33	2.664	0.1	0.54	0.18 Yes	0.1 Element Fault
SMT072	827	'9137540_/_9137537_2'		0.2	0.3	3.33	2.664	0.1	0.53	0.18 Yes	0.1 Element Fault
SMT072	828	'7872378_/_453466469'		0.2	0.3	3.33	2.664	0.1	0.53	0.18 Yes	0.1 Element Fault
SMT072	829	'3077005_/_3077015'		0.2	0.3	3.33	2.664	0.1	0.52	0.18 Yes	0.1 Element Fault
SMT072	830	'3076992_/_3077002'		0.2	0.3	3.33	2.664	0.1	0.51	0.18 Yes	0.1 Element Fault
SMT072	831	'3076979_/_3076989'		0.2	0.27	3.33	2.664	0.1	0.5	0.18 Yes	0.1 Element Fault
SMT072	832	'43254428_/_3076976'		0.2	0.27	3.33	2.664	0.1	0.49	0.18 Yes	0.1 Element Fault
SMT072	833	'3076940_/_3076963'		0.17	0.27	3.33	2.664	0.1	0.48	0.18 Yes	0.1 Element Fault
SMT072	834	'3076927_/_3076937'		0.17	0.27	3.33	2.664	0.1	0.48	0.18 Yes	0.1 Element Fault
SMT072	835	'3076807_/_3076924'		0.17	0.27	3.33	2.664	0.1	0.47	0.18 Yes	0.1 Element Fault
SMT072	836	'3076806_/_3076804'		0.17	0.27	3.33	2.664	0.1	0.46	0.18 Yes	0.1 Element Fault
SMT072	837	'3076888_/_3076898'		0.17	0.27	3.33	2.664	0.1	0.45	0.18 Yes	0.1 Element Fault
SMT072	838	'3076875_/_3076885'		0.17	0.27	3.33	2.664	0.1	0.44	0.18 Yes	0.1 Element Fault
SMT072	839	'3076862_/_3076872'		0.17	0.23	3.33	2.664	0.1	0.44	0.18 Yes	0.1 Element Fault
SMT072	840	'399132230_/_399132232'		0.17	0.23	3.33	2.664	0.1	0.43	0.18 Yes	0.1 Element Fault
SMT072	841	'399132279_/_399132276'		0.17	0.23	3.33	2.664	0.1	0.42	0.18 Yes	0.1 Element Fault

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SMT072	842	'399132333_/_8822884_1'		0.17	0.23	3.33	2.664	0.1	0.42	0.18 Yes	0.1 Element Fault
SMT072	843	'43254264_/_3076859'		0.17	0.23	3.33	2.664	0.1	0.42	0.18 Yes	0.1 Element Fault
SMT072	844	'3076849_/_3076911'		0.17	0.23	3.33	2.664	0.1	0.41	0.18 Yes	0.1 Element Fault
SMT072	845	'391607177_/_8822884_2'		0.17	0.23	3.33	2.664	0.1	0.41	0.18 Yes	0.1 Element Fault
SMT072	846	'391607264_/_391607338'		0.17	0.23	3.33	2.664	0.1	0.41	0.18 Yes	0.1 Element Fault
SMT072	847	'399132011_/_391607261'		0.17	0.23	3.33	2.664	0.1	0.41	0.18 Yes	0.1 Element Fault
SMT072	848	'391607272_/_391607269'		0.17	0.23	3.33	2.664	0.1	0.41	0.18 Yes	0.1 Element Fault
SMT072	849	'391607280_/_391607277'		0.17	0.23	3.33	2.664	0.1	0.41	0.18 Yes	0.1 Element Fault
SMT072	850	'391607256_/_391607253'		0.17	0.23	3.33	2.664	0.1	0.41	0.18 Yes	0.1 Element Fault
SMT072	851	'391607215_/_391607358'		0.17	0.23	3.33	2.664	0.1	0.41	0.18 Yes	0.1 Element Fault
SMT072	852	'52919582_/_3076846'		0.17	0.23	3.33	2.664	0.1	0.41	0.18 Yes	0.1 Element Fault
SMT072	853	'8761224_/_391607219'		0.17	0.23	3.33	2.664	0.1	0.41	0.18 Yes	0.1 Element Fault
SMT072	854	'52919596_/_3076830'		0.13	0.23	3.33	2.664	0.1	0.4	0.18 Yes	0.1 Element Fault
SMT072	855	'52919615_/_3076817'		0.13	0.23	3.33	2.664	0.1	0.4	0.18 Yes	0.1 Element Fault
SMT072	856	'7812613_/_8761222'		0.13	0.23	3.33	2.664	0.1	0.4	0.18 Yes	0.1 Element Fault
SMT072	857	'7562143_/_391607382'		0.13	0.23	3.33	2.664	0.1	0.39	0.18 Yes	0.1 Element Fault
SMT072	858	'454824839_/_2107686'		0.8	0.5	2.9	0.904	0.3	0.84	0.53 Yes	0.3 Element Fault
SMT081	0	'SMT081_/_64723796'		10	10	10	1.664	10	10	3.78 No	1.664 Thermal Discharging
SMT081	1	'114296897_/_64723796'		10	10	10	1.664	10	10	3.76 No	1.664 Thermal Discharging
SMT081	2	'556352389_/_64724390_1'		10	10	10	1.664	10	10	3.74 No	1.664 Thermal Discharging
SMT081	3	'64724223_/_64724390_2'		10	10	10	1.664	10	10	3.74 No	1.664 Thermal Discharging
SMT081	4	'64724290_/_64724293'		10	10	10	1.664	10	10	3.73 No	1.664 Thermal Discharging
SMT081	5	'65883405_/_65883408'		10	10	10	1.664	10	10	3.73 No	1.664 Thermal Discharging
SMT081	6	'58970156_/_58972272'		10	10	10	1.664	10	10	3.72 No	1.664 Thermal Discharging
SMT081	7	'58972241_/_3160643'		10	10	10	1.664	10	10	3.72 No	1.664 Thermal Discharging
SMT081	8	'65883474_/_3160660'		10	10	10	1.664	10	10	3.72 No	1.664 Thermal Discharging
SMT081	9	'65884071_/_65883981_2'		3.33	3.33	3.33	0.552	1.5	3.33	1.24 No	0.552 Thermal Discharging
SMT081	10	'58970160_/_65883471'		10	10	10	1.664	10	10	3.69 No	1.664 Thermal Discharging
SMT081	11	'58970232_/_3159121'		10	10	10	1.664	10	10	3.66 No	1.664 Thermal Discharging
SMT081	12	'58970398_/_3159138'		10	10	10	1.664	10	10	3.62 No	1.664 Thermal Discharging
SMT081	13	'58970441_/_3159155'		10	10	10	1.664	10	10	3.59 No	1.664 Thermal Discharging
SMT081	14	'58970476_/_3134058'		10	10	10	1.664	10	10	3.55 No	1.664 Thermal Discharging
SMT081	15	'68309729_/_65883981_1'		3.33	3.33	3.33	0.552	0.5	3.33	1.21 No	0.5 Element Fault
SMT081	16	'58972825_/_3134492'		10	10	10	1.664	10	10	3.52 No	1.664 Thermal Discharging
SMT081	17	'452048341_/_475348228_1'		10	10	10	1.664	10	10	3.49 No	1.664 Thermal Discharging
SMT081	18	'58972849_/_475348228_2'		10	10	10	1.664	10	10	3.49 No	1.664 Thermal Discharging
SMT081	19	'426428984_/_424815208_1'		10	10	10	1.664	10	10	3.49 No	1.664 Thermal Discharging
SMT081	20	'424815142_/_424815208_2'		10	10	10	1.664	10	10	3.47 No	1.664 Thermal Discharging
SMT081	21	'8752434_/_424815145'		8.8	10	10	1.664	10	10	3.47 No	1.664 Thermal Discharging
SMT081	22	'601653490_/_8752432'		7.3	10	10	1.664	10	10	3.47 No	1.664 Thermal Discharging
SMT081	23	'601653199_/_601653581'		7.3	10	10	1.664	10	10	3.47 No	1.664 Thermal Discharging
SMT081	24	'601653089_/_601653115'		7.3	10	10	1.664	10	10	3.47 No	1.664 Thermal Discharging
SMT081	25	'601653123_/_601653121'		7.3	10	10	1.664	10	10	3.47 No	1.664 Thermal Discharging
SMT081	26	'601653129_/_601653127'		7.3	10	10	1.664	2.4	10	3.47 No	1.664 Thermal Discharging
SMT081	27	'601653211_/_601653133'		7.3	10	10	1.664	2.4	10	3.47 No	1.664 Thermal Discharging
SMT081	28	'601653262_/_601653095'		7.3	10	10	1.664	10	10	3.47 No	1.664 Thermal Discharging
SMT081	29	'399833389_/_601653555'		6.4	10	10	1.664	10	10	3.47 No	1.664 Thermal Discharging
SMT081	30	'399833401_/_601653604'		6.4	10	10	1.664	10	10	3.47 No	1.664 Thermal Discharging
SMT081	31	'8453800_/_601653363'		6.3	10	10	1.664	2.4	10	3.47 No	1.664 Thermal Discharging
SMT081	32	'601653312_/_601653342'		6.3	10	10	1.664	2.4	10	3.47 No	1.664 Thermal Discharging
SMT081	33	'7491673_/_8453798'		5.9	10	10	1.664	2.4	10	3.47 No	1.664 Thermal Discharging
SMT081	34	'8121129_/_8121126_2'		5.1	10	10	1.664	10	10	3.47 No	1.664 Thermal Discharging
SMT081	35	'43268485_/_8121126_1'		5.1	10	10	1.664	10	10	3.47 No	1.664 Thermal Discharging
SMT081	36	'3131018_/_3131639'		5.1	10	10	1.664	10	10	3.47 No	1.664 Thermal Discharging
SMT081	37	'7491643_/_601653316'		5	10	10	1.664	2.4	10	3.47 No	1.664 Thermal Discharging
SMT081	38	'7491642_/_573519106'		3.33	6.67	6.67	1.112	1.6	6.67	2.32 No	1.112 Thermal Discharging
SMT081	39	'7874204_/_7874201_2'		5.1	10	10	1.664	5.4	10	3.47 No	1.664 Thermal Discharging
SMT081	40	'7161679_/_3131104'		4.5	10	10	1.664	4.4	10	3.47 No	1.664 Thermal Discharging
SMT081	41	'43268446_/_3131016'		4.7	10	10	1.664	10	10	3.47 No	1.664 Thermal Discharging
SMT081	42	'7161680_/_7161698_1'		4.5	10	10	1.664	0.9	10	3.47 No	0.9 Element Fault
SMT081	43	'43268459_/_3131426'		4.6	10	10	1.664	10	10	3.47 No	1.664 Thermal Discharging
SMT081	44	'7874203_/_7874201_1'		4.8	10	10	1.664	0.9	10	3.47 No	0.9 Element Fault
SMT081	45	'3131446_/_43268461'		4.6	10	10	1.664	10	10	3.47 No	1.664 Thermal Discharging
SMT081	46	'44067338_/_7161698_2'		4.5	10	10	1.664	0.9	10	3.47 No	0.9 Element Fault
SMT081	47	'3131480_/_3131477'		4.5	10	10	1.664	10	10	3.47 No	1.664 Thermal Discharging
SMT081	48	'3131540_/_3131537'		4.3	10	10	1.664	10	10	3.47 No	1.664 Thermal Discharging
SMT081	49	'68309560_/_3131554_1'		4.3	10	10	1.664	10	10	3.47 No	1.664 Thermal Discharging
SMT081	50	'3131557_/_3131554_2'		4.3	10	10	1.664	4.4	10	3.47 No	1.664 Thermal Discharging
SMT081	51	'43268433_/_3131514'		4.1	10	10	1.664	10	10	3.47 No	1.664 Thermal Discharging
SMT081	52	'3131463_/_3131460'		4.2	10	10	1.664	4.4	10	3.47 No	1.664 Thermal Discharging
SMT081	53	'3131141_/_44067340'		4.2	10	10	1.664	0.9	10	3.47 No	0.9 Element Fault
SMT081	54	'107063329_/_43268435'		4	10	10	1.664	10	10	3.47 No	1.664 Thermal Discharging
SMT081	55	'3131383_/_107063333'		4	10	10	1.664	10	10	3.47 No	1.664 Thermal Discharging
SMT081	56	'7800860_/_7800857'		3.8	10	10	1.664	2.4	10	3.47 No	1.664 Thermal Discharging
SMT081	57	'7161065_/_7161078_1'		1.37	3.33	3.33	0.552	0.2	3.33	1.16 No	0.2 Element Fault
SMT081	58	'3131329_/_3131369'		3.9	10	10	1.664	10	10	3.47 No	1.664 Thermal Discharging
SMT081	59	'3131318_/_3131326'		3.7	10	10	1.664	10	10	3.47 No	1.664 Thermal Discharging
SMT081	60	'43268394_/_43268396'		3.9	10	10	1.664	0.9	10	3.47 No	0.9 Element Fault
SMT081	61	'43268335_/_7161078_2'		1.3	3.33	3.33	0.552	0.2	3.33	1.16 No	0.2 Element Fault
SMT081	62	'3131140_/_3131138'		3.9	10	10	1.664	0.9	10	3.47 No	0.9 Element Fault
SMT081	63	'3131307_/_3131315'		3.7	10	10	1.664	10	10	3.47 No	1.664 Thermal Discharging
SMT081	64	'3131591_/_3131588'		3.8	10	10	1.664	4.4	10	3.47 No	1.664 Thermal Discharging
SMT081	65	'7217622_/_573519058'		3.5	10	10	1.664	2.4	10	3.47 No	1.664 Thermal Discharging
SMT081	66	'68309513_/_43264004'		3.5	10	10	1.664	4.4	10	3.47 No	1.664 Thermal Discharging
SMT081	67	'3131242_/_3131304'		3.6	10	10	1.664	10	10	3.47 No	1.664 Thermal Discharging
SMT081	68	'3131231_/_3131239'		3.5	10	10	1.664	10	10	3.47 No	1.664 Thermal Discharging
SMT081	69	'3131220_/_3131228'		3.4	9.9	10	1.664	10	10	3.47 No	1.664 Thermal Discharging
SMT081	70	'37656129_/_573519014'		3.3	10	10	1.664	2.4	10	3.47 No	1.664 Thermal Discharging
SMT081	71	'43268346_/_3131000'		1.2	3.33	3.33	0.552	0.2	3.33	1.16 No	0.2 Element Fault
SMT081	72	'37656101_/_37656105'		1.8	5.6	10	1.664	2.4	10	3.47 No	1.664 Thermal Discharging
SMT081	73	'399833655_/_399833652'		1.8	5.6	10	1.664	2.4	10	3.47 No	1.664 Thermal Discharging
SMT081	74	'3131209_/_3131217'		3.4	9.7	10	1.664	10	10	3.47 No	1.664 Thermal Discharging
SMT081	75	'3131396_/_3131393'		1.17	3.27	3.33	0.552	1.6	3.33	1.16 No	0.552 Thermal Discharging
SMT081	76	'3131197_/_3131206'		3.3	9.4	10	1.664	10	10	3.47 No	1.664 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SMT081	77	'3118319_/_3118316'		3.2	9.8	10	1.664	4.4	10	3.47 No	1.664 Thermal Discharging
SMT081	78	'66696160_/_8507613_3'		3.3	9.4	10	1.664	10	10	3.47 No	1.664 Thermal Discharging
SMT081	79	'9454232_/_9686626_2'		3.2	9.8	10	1.664	4.4	10	3.47 No	1.664 Thermal Discharging
SMT081	80	'394723148_/_394723115_1'		1.13	3.2	3.33	0.552	0.2	3.33	1.16 No	0.2 Element Fault
SMT081	81	'3131003_/_43268348'		1.13	3.23	3.33	0.552	0.2	3.33	1.16 No	0.2 Element Fault
SMT081	82	'399833383_/_9692090'		3.1	9.8	10	1.664	2.4	10	3.47 No	1.664 Thermal Discharging
SMT081	83	'38112507_/_44087908'		1.17	3.3	3.33	0.552	0.8	3.33	1.16 No	0.552 Thermal Discharging
SMT081	84	'8114000_/_9686626_1'		3.1	9.6	10	1.664	2.3	10	3.47 No	1.664 Thermal Discharging
SMT081	85	'399833395_/_601653655'		3.1	9.7	10	1.664	2.4	10	3.47 No	1.664 Thermal Discharging
SMT081	86	'68309478_/_3131605'		3.2	9.1	10	1.664	4.4	10	3.47 No	1.664 Thermal Discharging
SMT081	87	'7161049_/_7161046'		1.03	3	3.33	0.552	0.2	3.33	1.16 No	0.2 Element Fault
SMT081	88	'7561006_/_8507613_2'		2.9	8.3	10	1.664	10	10	3.47 No	1.664 Thermal Discharging
SMT081	89	'3131163_/_8507613_1'		2.9	8.3	10	1.664	10	10	3.47 No	1.664 Thermal Discharging
SMT081	90	'567999245_/_567999249'		2.9	8.3	10	1.664	10	10	3.47 No	1.664 Thermal Discharging
SMT081	91	'3131180_/_3131178'		2.9	8.3	10	1.664	10	10	3.47 No	1.664 Thermal Discharging
SMT081	92	'7560576_/_7562870'		2.8	8.8	10	1.664	2.4	10	3.47 No	1.664 Thermal Discharging
SMT081	93	'567999381_/_567999313_1'		2.9	8.3	10	1.664	1.5	10	3.47 No	1.5 Element Fault
SMT081	94	'50167479_/_3137021'		2.9	8.2	10	1.664	10	10	3.47 No	1.664 Thermal Discharging
SMT081	95	'585720867_/_50167476'		2.9	8.2	10	1.664	10	10	3.47 No	1.664 Thermal Discharging
SMT081	96	'3131355_/_3137861'		1	2.83	3.33	0.552	1.6	3.33	1.16 No	0.552 Thermal Discharging
SMT081	97	'43268359_/_3130931'		2.8	7.9	10	1.664	10	10	3.47 No	1.664 Thermal Discharging
SMT081	98	'394723046_/_394723115_2'		0.97	2.73	3.33	0.552	0.2	3.33	1.16 No	0.2 Element Fault
SMT081	99	'3130891_/_3131121'		2.8	7.9	10	1.664	10	10	3.47 No	1.664 Thermal Discharging
SMT081	100	'74857231_/_3136896_2'		0.93	2.53	3.33	0.552	1.5	3.33	1.16 No	0.552 Thermal Discharging
SMT081	101	'3113551_/_3130888'		2.7	7.6	10	1.664	10	10	3.47 No	1.664 Thermal Discharging
SMT081	102	'3131342_/_3131353'		0.93	2.67	3.33	0.552	1.6	3.33	1.16 No	0.552 Thermal Discharging
SMT081	103	'3113534_/_3113548'		2.6	7.5	10	1.664	10	10	3.47 No	1.664 Thermal Discharging
SMT081	104	'384806332_/_384806312_1'		0.93	2.6	3.33	0.552	0.2	3.33	1.16 No	0.2 Element Fault
SMT081	105	'3113517_/_3113531'		2.6	7.3	10	1.664	10	10	3.47 No	1.664 Thermal Discharging
SMT081	106	'384806293_/_384806312_2'		0.9	2.53	3.33	0.552	0.2	3.33	1.16 No	0.2 Element Fault
SMT081	107	'9138481_/_9138479_1'		0.87	2.37	3.33	0.552	0.5	3.33	1.16 No	0.5 Element Fault
SMT081	108	'3113500_/_3113514'		2.5	7.1	10	1.664	10	10	3.47 No	1.664 Thermal Discharging
SMT081	109	'39665682_/_8113998'		0.9	2.6	3.33	0.552	0.77	3.33	1.16 No	0.552 Thermal Discharging
SMT081	110	'3131343_/_3131340'		0.9	2.53	3.33	0.552	1.5	3.33	1.16 No	0.552 Thermal Discharging
SMT081	111	'3136898_/_3136896_1'		0.93	2.4	3.33	0.552	0.5	3.33	1.16 No	0.5 Element Fault
SMT081	112	'7560575_/_449532420'		2.4	7.7	10	1.664	2.4	10	3.47 No	1.664 Thermal Discharging
SMT081	113	'3113483_/_3113497'		2.5	7	10	1.664	10	10	3.47 No	1.664 Thermal Discharging
SMT081	114	'50369615_/_3113480_2'		2.5	7	10	1.664	10	10	3.47 No	1.664 Thermal Discharging
SMT081	115	'43260797_/_3136951'		0.93	2.37	3.33	0.552	0.5	3.33	1.16 No	0.5 Element Fault
SMT081	116	'3113466_/_3113480_1'		2.5	6.9	10	1.664	10	10	3.47 No	1.664 Thermal Discharging
SMT081	117	'50916918_/_3113463_3'		2.5	6.9	10	1.664	10	10	3.47 No	1.664 Thermal Discharging
SMT081	118	'50916897_/_3113463_2'		2.5	6.9	10	1.664	10	10	3.47 No	1.664 Thermal Discharging
SMT081	119	'61696806_/_50916970_2'		0.83	2.3	3.33	0.552	1.4	3.33	1.16 No	0.552 Thermal Discharging
SMT081	120	'7873320_/_9453698_2'		0.83	2.3	3.33	0.552	1.8	3.33	1.16 No	0.552 Thermal Discharging
SMT081	121	'7485409_/_44093986'		0.8	2.5	3.33	0.552	0.77	3.33	1.16 No	0.552 Thermal Discharging
SMT081	122	'567999297_/_567999313_2'		2.7	7	10	1.664	1.5	10	3.47 No	1.5 Element Fault
SMT081	123	'61696810_/_7873301_2'		0.83	2.27	3.33	0.552	1.8	3.33	1.16 No	0.552 Thermal Discharging
SMT081	124	'449532416_/_427143212'		2.4	7.4	10	1.664	2.4	10	3.47 No	1.664 Thermal Discharging
SMT081	125	'7245316_/_8506123_2'		0.83	2.27	3.33	0.552	1.4	3.33	1.16 No	0.552 Thermal Discharging
SMT081	126	'3113449_/_3113463_1'		2.4	6.7	10	1.664	10	10	3.47 No	1.664 Thermal Discharging
SMT081	127	'449532461_/_449532506'		2.3	7.4	10	1.664	2.4	10	3.47 No	1.664 Thermal Discharging
SMT081	128	'449532371_/_449532480'		2.3	7.3	10	1.664	2.4	10	3.47 No	1.664 Thermal Discharging
SMT081	129	'3089897_/_43260799'		0.93	2.27	3.33	0.552	0.5	3.33	1.16 No	0.5 Element Fault
SMT081	130	'3113448_/_3113446'		2.3	6.5	10	1.664	10	9.97	3.47 No	1.664 Thermal Discharging
SMT081	131	'384806368_/_384806387'		0.83	2.33	3.33	0.552	0.2	3.33	1.16 No	0.2 Element Fault
SMT081	132	'3136527_/_3136525'		2.3	6.4	10	1.664	10	9.81	3.47 No	1.664 Thermal Discharging
SMT081	133	'3136562_/_3136579'		2.3	6.4	10	1.664	10	9.78	3.47 No	1.664 Thermal Discharging
SMT081	134	'37656143_/_427143181'		2.2	7	10	1.664	2.4	10	3.47 No	1.664 Thermal Discharging
SMT081	135	'37656157_/_37656175'		2.2	7	10	1.664	2.4	10	3.47 No	1.664 Thermal Discharging
SMT081	136	'37656150_/_37656154'		2.2	7	10	1.664	2.4	10	3.47 No	1.664 Thermal Discharging
SMT081	137	'37656164_/_37656168'		2.2	7	10	1.664	2.4	10	3.47 No	1.664 Thermal Discharging
SMT081	138	'37656185_/_37656189'		2.2	7	10	1.664	2.4	10	3.47 No	1.664 Thermal Discharging
SMT081	139	'43268170_/_43268172'		2.3	6.3	10	1.664	10	9.66	3.47 No	1.664 Thermal Discharging
SMT081	140	'3136545_/_3136559'		2.3	6.3	10	1.664	10	9.64	3.47 No	1.664 Thermal Discharging
SMT081	141	'9138482_/_9138479_2'		0.87	2.13	3.33	0.552	0.5	3.26	1.16 No	0.5 Element Fault
SMT081	142	'449844527_/_8824678_2'		2.2	6.2	10	1.664	5.4	9.56	3.47 No	1.664 Thermal Discharging
SMT081	143	'560097419_/_560097423'		1.8	5.7	10	1.664	2.4	10	3.47 No	1.664 Thermal Discharging
SMT081	144	'3136598_/_3136596_1'		0.73	2.07	3.33	0.552	0.5	3.17	1.16 No	0.5 Element Fault
SMT081	145	'560097462_/_560097498'		1.8	5.7	10	1.664	2.4	10	3.47 No	1.664 Thermal Discharging
SMT081	146	'50788785_/_50788782'		2.2	6.1	10	1.664	10	9.45	3.47 No	1.664 Thermal Discharging
SMT081	147	'560097386_/_560097478'		1.8	5.7	10	1.664	2.4	10	3.47 No	1.664 Thermal Discharging
SMT081	148	'7245615_/_7873301_1'		0.8	2.07	3.33	0.552	0.5	3.18	1.16 No	0.5 Element Fault
SMT081	149	'8506125_/_8506123_1'		0.77	2.07	3.33	0.552	0.5	3.17	1.16 No	0.5 Element Fault
SMT081	150	'3113636_/_3136542'		2.2	6	10	1.664	10	9.3	3.47 No	1.664 Thermal Discharging
SMT081	151	'7246447_/_8824678_1'		2.2	6.1	10	1.664	1.5	9.36	3.47 No	1.5 Element Fault
SMT081	152	'589449637_/_8506139_1'		2.2	5.9	10	1.664	1.5	9.23	3.47 No	1.5 Element Fault
SMT081	153	'7560595_/_7560593'		1.8	5.7	10	1.664	2.4	10	3.47 No	1.664 Thermal Discharging
SMT081	154	'3113619_/_3113633'		2.1	5.9	10	1.664	10	9.14	3.47 No	1.664 Thermal Discharging
SMT081	155	'9138417_/_9453698_1'		0.77	2.03	3.33	0.552	0.5	3.13	1.16 No	0.5 Element Fault
SMT081	156	'8125931_/_573519031'		2.1	6.5	10	1.664	2.4	9.98	3.47 No	1.664 Thermal Discharging
SMT081	157	'589449796_/_8506195_1'		2	3.3	10	1.664	1.5	9.15	3.47 No	1.5 Element Fault
SMT081	158	'3113602_/_3113616'		2.1	5.8	10	1.664	10	9.02	3.47 No	1.664 Thermal Discharging
SMT081	159	'589449444_/_9454582_2'		2.1	5.8	10	1.664	10	9.01	3.47 No	1.664 Thermal Discharging
SMT081	160	'3136599_/_3136596_2'		0.73	1.97	3.33	0.552	0.5	3.04	1.16 No	0.5 Element Fault
SMT081	161	'449844567_/_3113599_2'		2.1	5.8	10	1.664	10	8.99	3.47 No	1.664 Thermal Discharging
SMT081	162	'3113585_/_3113599_1'		2.1	5.8	10	1.664	10	8.97	3.47 No	1.664 Thermal Discharging
SMT081	163	'8823449_/_9453398'		0.77	1.97	3.33	0.552	0.5	3.07	1.16 No	0.5 Element Fault
SMT081	164	'62069786_/_3113582'		2.1	5.8	10	1.664	10	8.94	3.47 No	1.664 Thermal Discharging
SMT081	165	'449844592_/_62069784_2'		2.1	5.7	10	1.664	5.4	8.91	3.47 No	1.664 Thermal Discharging
SMT081	166	'3089896_/_3089894'		0.93	2	3.33	0.552	0.5	3.09	1.16 No	0.5 Element Fault
SMT081	167	'415026703_/_415026705'		2.1	5.7	10	1.664	10	8.88	3.47 No	1.664 Thermal Discharging
SMT081	168	'3113669_/_3113565'		2	5.6	10	1.664	10	8.83	3.47 No	1.664 Thermal Discharging
SMT081	169	'43260454_/_3113701'		2	5.6	10	1.664	10	8.79	3.47 No	1.664 Thermal Discharging
SMT081	170	'449844623_/_415026760_2'		0.7	1.87	3.33	0.552	1.4	2.93	1.16 No	0.552 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SMT081	171	'62069817_/_62069784_1'	2.1	5.6	10	1.664	1.5	8.77	3.47 No	1.5	Element Fault
SMT081	172	'3113704_/_43260456'	2	5.5	10	1.664	10	8.67	3.47 No	1.664	Thermal Discharging
SMT081	173	'570922446_/_570922450'	2	6.2	10	1.664	2.4	9.58	3.47 No	1.664	Thermal Discharging
SMT081	174	'43260467_/_3113718'	2	5.5	10	1.664	10	8.65	3.47 No	1.664	Thermal Discharging
SMT081	175	'8506141_/_8506139_2'	2.1	5.6	10	1.664	1.5	8.77	3.47 No	1.5	Element Fault
SMT081	176	'3113721_/_43260469'	2	5.5	10	1.664	10	8.64	3.47 No	1.664	Thermal Discharging
SMT081	177	'570922518_/_570922534'	2	6.2	10	1.664	2.4	9.56	3.47 No	1.664	Thermal Discharging
SMT081	178	'472948421_/_454994374'	2.1	5.6	10	1.664	1.5	8.74	3.47 No	1.5	Element Fault
SMT081	179	'389278126_/_389278145'	0.7	2	3.33	0.552	0.2	3.06	1.16 No	0.2	Element Fault
SMT081	180	'570922479_/_570922550'	2	6.2	10	1.664	2.4	9.53	3.47 No	1.664	Thermal Discharging
SMT081	181	'589449480_/_152229241_2'	2	5.5	10	1.664	5.9	8.6	3.47 No	1.664	Thermal Discharging
SMT081	182	'3113738_/_3113735'	2	5.4	10	1.664	10	8.54	3.47 No	1.664	Thermal Discharging
SMT081	183	'394723110_/_394723065_1'	0.7	2	3.33	0.552	0.2	3.03	1.16 No	0.2	Element Fault
SMT081	184	'402929036_/_570922483'	1.9	6.1	10	1.664	2.4	9.42	3.47 No	1.664	Thermal Discharging
SMT081	185	'449844662_/_9453466_2'	2	5.4	10	1.664	4.4	8.49	3.47 No	1.664	Thermal Discharging
SMT081	186	'402929124_/_402929169'	1.9	6.1	10	1.664	2.4	9.38	3.47 No	1.664	Thermal Discharging
SMT081	187	'449844720_/_7246465_1'	0.67	1.8	3.33	0.552	0.5	2.82	1.16 No	0.5	Element Fault
SMT081	188	'472948308_/_472948340'	2.1	5.5	10	1.664	1.5	8.61	3.47 No	1.5	Element Fault
SMT081	189	'449844586_/_62069880'	2.1	5.4	10	1.664	1.5	8.54	3.47 No	1.5	Element Fault
SMT081	190	'402929080_/_402929143'	1.9	6	10	1.664	2.4	9.34	3.47 No	1.664	Thermal Discharging
SMT081	191	'449844962_/_9139487_1'	0.67	1.77	3.33	0.552	0.5	2.81	1.16 No	0.5	Element Fault
SMT081	192	'50718798_/_3113769'	1.9	5.3	10	1.664	10	8.37	3.47 No	1.664	Thermal Discharging
SMT081	193	'9453468_/_9453466_1'	2	5.3	10	1.664	1.5	8.41	3.47 No	1.5	Element Fault
SMT081	194	'472948276_/_472948324'	2.1	5.4	10	1.664	1.5	8.54	3.47 No	1.5	Element Fault
SMT081	195	'470252176_/_472948280_1'	1.9	4.9	10	1.664	1.5	8.53	3.47 No	1.5	Element Fault
SMT081	196	'9138418_/_9138415'	0.7	1.83	3.33	0.552	0.5	2.89	1.16 No	0.5	Element Fault
SMT081	197	'3113755_/_50718795'	1.9	5.2	10	1.664	10	8.24	3.47 No	1.664	Thermal Discharging
SMT081	198	'7562965_/_7562962_2'	1.9	5.2	10	1.664	5.8	8.21	3.47 No	1.664	Thermal Discharging
SMT081	199	'3113789_/_3113786'	1.9	5.2	10	1.664	10	8.16	3.47 No	1.664	Thermal Discharging
SMT081	200	'8196272_/_9139247_1'	0.63	1.73	3.33	0.552	0.5	2.71	1.16 No	0.5	Element Fault
SMT081	201	'8506249_/_8506263_2'	0.63	1.73	3.33	0.552	1.8	2.71	1.16 No	0.552	Thermal Discharging
SMT081	202	'7245616_/_7245613'	0.67	1.77	3.33	0.552	0.5	2.8	1.16 No	0.5	Element Fault
SMT081	203	'3113806_/_3113803'	1.8	5.1	10	1.664	10	8.03	3.47 No	1.664	Thermal Discharging
SMT081	204	'37656115_/_573518993'	1.8	5.7	10	1.664	2.4	8.93	3.47 No	1.664	Thermal Discharging
SMT081	205	'37656108_/_37656112'	1.8	5.7	10	1.664	2.4	8.93	3.47 No	1.664	Thermal Discharging
SMT081	206	'3113823_/_3113820'	1.8	5.1	10	1.664	10	8	3.47 No	1.664	Thermal Discharging
SMT081	207	'8824241_/_402929084'	1.8	5.7	10	1.664	2.4	8.9	3.47 No	1.664	Thermal Discharging
SMT081	208	'552433076_/_552433082'	0.93	1.8	3.33	0.552	0.5	2.8	1.16 No	0.5	Element Fault
SMT081	209	'7562984_/_7562982_1'	0.6	1.67	3.33	0.552	0.5	2.65	1.16 No	0.5	Element Fault
SMT081	210	'3113843_/_3113840'	1.8	5	10	1.664	10	7.86	3.47 No	1.664	Thermal Discharging
SMT081	211	'339656613_/_7873543_1'	1.8	5	10	1.664	10	7.86	3.47 No	1.664	Thermal Discharging
SMT081	212	'7873111_/_50916970_1'	0.67	1.73	3.33	0.552	0.5	2.74	1.16 No	0.5	Element Fault
SMT081	213	'3090237_/_3113857'	1.8	4.9	10	1.664	10	7.75	3.47 No	1.664	Thermal Discharging
SMT081	214	'74857036_/_3114078_2'	1.8	4.9	10	1.664	10	7.74	3.47 No	1.664	Thermal Discharging
SMT081	215	'7874132_/_155959410'	0.63	1.7	3.33	0.552	0.5	2.71	1.16 No	0.5	Element Fault
SMT081	216	'3090236_/_3145090_2'	0.6	1.63	3.33	0.552	1.1	2.57	1.16 No	0.552	Thermal Discharging
SMT081	217	'119665489_/_119665460'	1.2	3.2	6.67	1.112	2.47	5.22	2.32 No	1.112	Thermal Discharging
SMT081	218	'449695752_/_449695771'	1.9	5	10	1.664	1.5	7.9	3.47 No	1.5	Element Fault
SMT081	219	'7246467_/_7246465_2'	0.67	1.63	3.33	0.552	0.5	2.61	1.16 No	0.5	Element Fault
SMT081	220	'7561159_/_7561156_2'	0.6	1.63	3.33	0.552	1.8	2.56	1.16 No	0.552	Thermal Discharging
SMT081	221	'37655639_/_7562962_1'	1.8	4.8	10	1.664	3.7	7.73	3.47 No	1.664	Thermal Discharging
SMT081	222	'37655618_/_37655643'	1.8	4.8	10	1.664	3.7	7.72	3.47 No	1.664	Thermal Discharging
SMT081	223	'37655611_/_37655615'	1.8	4.8	10	1.664	3.7	7.72	3.47 No	1.664	Thermal Discharging
SMT081	224	'37655625_/_37655622'	1.8	4.8	10	1.664	3.7	7.72	3.47 No	1.664	Thermal Discharging
SMT081	225	'399833798_/_399833795'	1.8	4.8	10	1.664	3.7	7.72	3.47 No	1.664	Thermal Discharging
SMT081	226	'119665455_/_107337565'	1.8	4.8	10	1.664	3.7	7.68	3.47 No	1.664	Thermal Discharging
SMT081	227	'7245364_/_7245361'	1.8	4.8	10	1.664	3.7	7.66	3.47 No	1.664	Thermal Discharging
SMT081	228	'3145093_/_3145090_1'	0.6	1.6	3.33	0.552	0.5	2.52	1.16 No	0.5	Element Fault
SMT081	229	'497896864_/_497896790_1'	0.6	1.6	3.33	0.552	0.3	2.51	1.16 No	0.3	Element Fault
SMT081	230	'7562892_/_7562890_2'	1.7	5.4	10	1.664	2.4	8.35	3.47 No	1.664	Thermal Discharging
SMT081	231	'8823598_/_9138431'	0.63	1.67	3.33	0.552	0.5	2.64	1.16 No	0.5	Element Fault
SMT081	232	'3089939_/_7562890_1'	1.7	5.4	10	1.664	0.9	8.32	3.47 No	0.9	Element Fault
SMT081	233	'109623512_/_109623545'	1.8	4.7	10	1.664	3.7	7.55	3.47 No	1.664	Thermal Discharging
SMT081	234	'497896774_/_497896790_2'	0.6	1.57	3.33	0.552	0.3	2.47	1.16 No	0.3	Element Fault
SMT081	235	'243542334_/_243542339'	1.6	5.2	10	1.664	2.4	8.16	3.47 No	1.6	Primary Over-Voltage
SMT081	236	'7562820_/_9138619'	0.87	1.63	3.33	0.552	0.5	2.59	1.16 No	0.5	Element Fault
SMT081	237	'43268372_/_552433112'	0.93	1.63	3.33	0.552	0.5	2.58	1.16 No	0.5	Element Fault
SMT081	238	'9139490_/_9139487_2'	0.6	1.53	3.33	0.552	0.5	2.48	1.16 No	0.5	Element Fault
SMT081	239	'243542380_/_243542399'	1.6	5.1	10	1.664	2.4	8	3.47 No	1.6	Primary Over-Voltage
SMT081	240	'65828993_/_65828999'	0.57	1.53	3.33	0.552	0.5	2.46	1.16 No	0.5	Element Fault
SMT081	241	'432889220_/_7562818'	0.87	1.6	3.33	0.552	0.5	2.54	1.16 No	0.5	Element Fault
SMT081	242	'7246083_/_7562982_2'	0.6	1.5	3.33	0.552	0.5	2.41	1.16 No	0.5	Element Fault
SMT081	243	'9139505_/_9454622'	0.57	1.5	3.33	0.552	0.5	2.44	1.16 No	0.5	Element Fault
SMT081	244	'399833964_/_7873543_2'	1.6	4.5	10	1.664	10	7.17	3.47 No	1.6	Primary Over-Voltage
SMT081	245	'399833947_/_37655713'	1.6	4.5	10	1.664	10	7.16	3.47 No	1.6	Primary Over-Voltage
SMT081	246	'107337558_/_119665494'	1.7	4.5	10	1.664	3.7	7.27	3.47 No	1.664	Thermal Discharging
SMT081	247	'399833958_/_37655706'	1.6	4.5	10	1.664	10	7.16	3.47 No	1.6	Primary Over-Voltage
SMT081	248	'399833952_/_37655699'	1.6	4.5	10	1.664	4.9	7.16	3.47 No	1.6	Primary Over-Voltage
SMT081	249	'399833946_/_37655692'	1.6	4.5	10	1.664	5.1	7.16	3.47 No	1.6	Primary Over-Voltage
SMT081	250	'8823599_/_8823596'	0.6	1.57	3.33	0.552	0.5	2.5	1.16 No	0.5	Element Fault
SMT081	251	'107337509_/_108016209'	1.7	4.5	10	1.664	3.7	7.25	3.47 No	1.664	Thermal Discharging
SMT081	252	'65828957_/_65828962'	0.57	1.5	3.33	0.552	0.5	2.42	1.16 No	0.5	Element Fault
SMT081	253	'243542289_/_243542425'	1.6	5	10	1.664	2.4	7.86	3.47 No	1.6	Primary Over-Voltage
SMT081	254	'7561158_/_7561156_1'	0.6	1.5	3.33	0.552	0.5	2.38	1.16 No	0.5	Element Fault
SMT081	255	'107337583_/_108016191'	1.7	4.5	10	1.664	3.7	7.21	3.47 No	1.664	Thermal Discharging
SMT081	256	'7874147_/_9139503'	0.57	1.5	3.33	0.552	0.5	2.41	1.16 No	0.5	Element Fault
SMT081	257	'63482573_/_63482580'	1.6	4.9	10	1.664	2.4	7.77	3.47 No	1.6	Primary Over-Voltage
SMT081	258	'37655758_/_8195629'	1.6	4.4	10	1.664	4.9	7.05	3.47 No	1.6	Primary Over-Voltage
SMT081	259	'415312799_/_415312796_2'	1.6	4.4	10	1.664	4.9	7.05	3.47 No	1.6	Primary Over-Voltage
SMT081	260	'7245347_/_8506263_1'	0.63	1.47	3.33	0.552	0.5	2.38	1.16 No	0.5	Element Fault
SMT081	261	'415312788_/_415312796_1'	1.6	4.4	10	1.664	4.9	7.05	3.47 No	1.6	Primary Over-Voltage
SMT081	262	'415312789_/_415312786'	1.6	4.4	10	1.664	4.9	7.04	3.47 No	1.6	Primary Over-Voltage
SMT081	263	'415312821_/_415312818'	1.6	4.4	10	1.664	4.9	7.04	3.47 No	1.6	Primary Over-Voltage
SMT081	264	'37655772_/_415312806'	1.6	4.4	10	1.664	4.9	7.04	3.47 No	1.6	Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SMT081	265	'7873112_/_7873109'	0.57	1.53	3.33	0.552	0.5	2.46	1.16 No	0.5	Element Fault
SMT081	266	'8823916_/_9453978'	1.6	4.4	10	1.664	5.1	7.03	3.47 No	1.6	Primary Over-Voltage
SMT081	267	'7562944_/_7562942'	1.7	4.4	10	1.664	3.7	7.13	3.47 No	1.664	Thermal Discharging
SMT081	268	'114370040_/_7245831'	1.6	4.3	10	1.664	4.9	7.01	3.47 No	1.6	Primary Over-Voltage
SMT081	269	'3130921_/_3130948'	0.93	1.57	3.33	0.552	0.5	2.45	1.16 No	0.5	Element Fault
SMT081	270	'399855944_/_8824482'	1.6	4.3	10	1.664	10	6.94	3.47 No	1.6	Primary Over-Voltage
SMT081	271	'399855937_/_37656427'	1.6	4.3	10	1.664	10	6.93	3.47 No	1.6	Primary Over-Voltage
SMT081	272	'399855936_/_37656420'	0.53	1.43	3.33	0.552	0.6	2.31	1.16 No	0.53	Primary Over-Voltage
SMT081	273	'399855950_/_37656434'	0.53	1.43	3.33	0.552	0.6	2.31	1.16 No	0.53	Primary Over-Voltage
SMT081	274	'399855956_/_37656441'	1.6	4.3	10	1.664	10	6.93	3.47 No	1.6	Primary Over-Voltage
SMT081	275	'7873256_/_8824698'	0.57	1.5	3.33	0.552	0.5	2.41	1.16 No	0.5	Element Fault
SMT081	276	'7874131_/_7874129'	0.57	1.5	3.33	0.552	0.5	2.41	1.16 No	0.5	Element Fault
SMT081	277	'7562821_/_432889241'	0.87	1.5	3.33	0.552	0.5	2.42	1.16 No	0.5	Element Fault
SMT081	278	'153431061_/_9454582_1'	1.6	4.4	10	1.664	3.3	6.93	3.47 No	1.6	Primary Over-Voltage
SMT081	279	'7245348_/_7245345'	0.63	1.43	3.33	0.552	0.5	2.31	1.16 No	0.5	Element Fault
SMT081	280	'43260352_/_3089937'	1.5	4.8	10	1.664	0.9	7.52	3.47 No	0.9	Element Fault
SMT081	281	'74857202_/_7485406_1'	1.5	4.7	10	1.664	1.5	7.49	3.47 No	1.5	Primary Over-Voltage
SMT081	282	'3089879_/_3089954'	1.5	4.7	10	1.664	0.9	7.48	3.47 No	0.9	Element Fault
SMT081	283	'7246223_/_7246221'	0.53	1.4	3.33	0.552	0.6	2.25	1.16 No	0.53	Primary Over-Voltage
SMT081	284	'74169584_/_108016055'	1.6	4.2	10	1.664	3.7	6.84	3.47 No	1.6	Primary Over-Voltage
SMT081	285	'7874115_/_7874145'	0.53	1.4	3.33	0.552	0.5	2.29	1.16 No	0.5	Element Fault
SMT081	286	'399855675_/_8507365'	1.5	4.2	10	1.664	10	6.71	3.47 No	1.5	Primary Over-Voltage
SMT081	287	'399855656_/_37656378'	1.5	4.2	10	1.664	10	6.7	3.47 No	1.5	Primary Over-Voltage
SMT081	288	'399855655_/_37656357'	1.5	4.2	10	1.664	2.3	6.69	3.47 No	1.5	Primary Over-Voltage
SMT081	289	'399855663_/_37656364'	1.5	4.2	10	1.664	2.7	6.69	3.47 No	1.5	Primary Over-Voltage
SMT081	290	'399855669_/_37656371'	1.5	4.2	10	1.664	10	6.69	3.47 No	1.5	Primary Over-Voltage
SMT081	291	'74857281_/_7874077_2'	1.5	4.1	10	1.664	10	6.66	3.47 No	1.5	Primary Over-Voltage
SMT081	292	'560097553_/_560097569'	0.57	1.53	3.33	0.552	0.8	2.41	1.16 No	0.552	Thermal Discharging
SMT081	293	'153435222_/_152229241_1'	1.7	4.1	10	1.664	3.8	6.77	3.47 No	1.664	Thermal Discharging
SMT081	294	'9453521_/_452341559'	0.67	1.4	3.33	0.552	0.5	2.25	1.16 No	0.5	Element Fault
SMT081	295	'7246208_/_7246205'	0.5	1.37	3.33	0.552	0.6	2.2	1.16 No	0.5	Primary Over-Voltage
SMT081	296	'7246084_/_7246081'	0.6	1.37	3.33	0.552	0.5	2.22	1.16 No	0.5	Element Fault
SMT081	297	'8196359_/_8196357'	0.5	1.37	3.33	0.552	0.6	2.19	1.16 No	0.5	Primary Over-Voltage
SMT081	298	'3130908_/_3130918'	0.93	1.43	3.33	0.552	0.5	2.29	1.16 No	0.5	Element Fault
SMT081	299	'74169634_/_74169640'	1	2.73	6.67	1.112	2.47	4.39	2.32 No	1	Primary Over-Voltage
SMT081	300	'105791761_/_105791772'	1.5	4	10	1.664	2.7	6.53	3.47 No	1.5	Primary Over-Voltage
SMT081	301	'7874116_/_7874113'	0.5	1.37	3.33	0.552	0.5	2.22	1.16 No	0.5	Primary Over-Voltage
SMT081	302	'8195104_/_8195101'	0.63	1.33	3.33	0.552	0.5	2.19	1.16 No	0.5	Element Fault
SMT081	303	'8824468_/_9139359_1'	0.5	1.33	3.33	0.552	0.6	2.16	1.16 No	0.5	Primary Over-Voltage
SMT081	304	'105791829_/_105791887'	1.4	4	10	1.664	2.7	6.45	3.47 No	1.4	Primary Over-Voltage
SMT081	305	'8195039_/_590599970'	0.5	1.4	3.33	0.552	0.5	2.24	1.16 No	0.5	Primary Over-Voltage
SMT081	306	'8195040_/_8506107_1'	0.5	1.37	3.33	0.552	0.5	2.22	1.16 No	0.5	Primary Over-Voltage
SMT081	307	'8195024_/_473431860'	0.8	1.37	3.33	0.552	0.5	2.23	1.16 No	0.5	Element Fault
SMT081	308	'511748199_/_9454602'	1.5	4	10	1.664	3.3	6.31	3.47 No	1.5	Primary Over-Voltage
SMT081	309	'511748185_/_38049579'	1.5	4	10	1.664	3.3	6.3	3.47 No	1.5	Primary Over-Voltage
SMT081	310	'511748165_/_38049572'	1.5	4	10	1.664	1.5	6.3	3.47 No	1.5	Primary Over-Voltage
SMT081	311	'105791934_/_105791833'	1.4	3.8	10	1.664	2.7	6.28	3.47 No	1.4	Primary Over-Voltage
SMT081	312	'105792014_/_105791535'	1.4	3.8	10	1.664	2.7	6.26	3.47 No	1.4	Primary Over-Voltage
SMT081	313	'511748156_/_9405948'	1.4	4	10	1.664	1.5	6.27	3.47 No	1.4	Primary Over-Voltage
SMT081	314	'105791955_/_105791584'	1.4	3.8	10	1.664	2.7	6.25	3.47 No	1.4	Primary Over-Voltage
SMT081	315	'8195275_/_8195273'	1.4	3.8	10	1.664	4.9	6.23	3.47 No	1.4	Primary Over-Voltage
SMT081	316	'8195136_/_74169414'	1.4	3.8	10	1.664	3.7	6.31	3.47 No	1.4	Primary Over-Voltage
SMT081	317	'7560827_/_9453550'	1.4	3.8	10	1.664	4.9	6.22	3.47 No	1.4	Primary Over-Voltage
SMT081	318	'7562928_/_9453518'	0.67	1.3	3.33	0.552	0.5	2.1	1.16 No	0.5	Element Fault
SMT081	319	'3109130_/_3110082'	1.3	4.2	10	1.664	0.9	6.74	3.47 No	0.9	Element Fault
SMT081	320	'7563227_/_9138399'	0.5	1.33	3.33	0.552	0.5	2.15	1.16 No	0.5	Primary Over-Voltage
SMT081	321	'43268311_/_3130905'	0.93	1.33	3.33	0.552	0.5	2.14	1.16 No	0.5	Element Fault
SMT081	322	'37656514_/_7560825'	1.4	3.7	10	1.664	4.9	6.13	3.47 No	1.4	Primary Over-Voltage
SMT081	323	'7873255_/_7873253'	0.5	1.3	3.33	0.552	0.5	2.12	1.16 No	0.5	Primary Over-Voltage
SMT081	324	'37656493_/_37656518'	1.4	3.7	10	1.664	4.9	6.13	3.47 No	1.4	Primary Over-Voltage
SMT081	325	'37656500_/_37656504'	1.4	3.7	10	1.664	4.9	6.12	3.47 No	1.4	Primary Over-Voltage
SMT081	326	'37656486_/_37656490'	1.4	3.7	10	1.664	3.7	6.12	3.47 No	1.4	Primary Over-Voltage
SMT081	327	'37656528_/_37656532'	0.47	1.23	3.33	0.552	1.63	2.04	1.16 No	0.47	Primary Over-Voltage
SMT081	328	'502921147_/_9454090'	0.6	1.23	3.33	0.552	0.5	2.04	1.16 No	0.5	Element Fault
SMT081	329	'8195120_/_8195117'	0.63	1.23	3.33	0.552	0.5	2.05	1.16 No	0.5	Element Fault
SMT081	330	'119665531_/_119665542'	0.63	1.3	3.33	0.552	1.23	1.8	1.16 No	0.552	Thermal Discharging
SMT081	331	'8507487_/_8507485'	1.4	3.7	10	1.664	3.7	6.08	3.47 No	1.4	Primary Over-Voltage
SMT081	332	'7562912_/_451837776'	0.47	1.23	3.33	0.552	0.5	2.03	1.16 No	0.47	Primary Over-Voltage
SMT081	333	'7560848_/_7560845'	0.47	1.2	3.33	0.552	1.63	2	1.16 No	0.47	Primary Over-Voltage
SMT081	334	'8195559_/_502921169'	0.6	1.23	3.33	0.552	0.5	2.01	1.16 No	0.5	Element Fault
SMT081	335	'3131074_/_43268313'	0.9	1.3	3.33	0.552	0.5	2.05	1.16 No	0.5	Element Fault
SMT081	336	'340286287_/_3131072_1'	0.87	1.27	3.33	0.552	0.3	2.05	1.16 No	0.3	Element Fault
SMT081	337	'7562913_/_7562910'	0.47	1.2	3.33	0.552	0.5	1.99	1.16 No	0.47	Primary Over-Voltage
SMT081	338	'8195328_/_8195325'	0.47	1.27	3.33	0.552	0.5	2.04	1.16 No	0.47	Primary Over-Voltage
SMT081	339	'7245568_/_7563224'	0.47	1.23	3.33	0.552	0.5	2.03	1.16 No	0.47	Primary Over-Voltage
SMT081	340	'7245583_/_9138635'	0.7	1.23	3.33	0.552	0.5	2.02	1.16 No	0.5	Element Fault
SMT081	341	'7245331_/_7562926'	0.67	1.2	3.33	0.552	0.5	1.97	1.16 No	0.5	Element Fault
SMT081	342	'9138886_/_9138883'	0.63	1.2	3.33	0.552	0.5	1.96	1.16 No	0.5	Element Fault
SMT081	343	'43265444_/_3109127'	1.2	3.9	10	1.664	0.9	6.25	3.47 No	0.9	Element Fault
SMT081	344	'8195903_/_8195901_1'	0.6	0.67	3.33	0.552	0.5	1.95	1.16 No	0.5	Element Fault
SMT081	345	'3109112_/_3109147_2'	1.2	3.9	10	1.664	0.9	6.23	3.47 No	0.9	Element Fault
SMT081	346	'7245817_/_9139247_2'	0.63	1.17	3.33	0.552	0.5	1.91	1.16 No	0.5	Element Fault
SMT081	347	'50723121_/_3131072_2'	0.83	1.2	3.33	0.552	0.3	1.91	1.16 No	0.3	Element Fault
SMT081	348	'37657319_/_7247141'	1.2	3.3	10	1.664	2.7	5.49	3.47 No	1.2	Primary Over-Voltage
SMT081	349	'37657312_/_37657316'	1.2	3.3	10	1.664	2.7	5.49	3.47 No	1.2	Primary Over-Voltage
SMT081	350	'37657305_/_37657309'	1.2	3.3	10	1.664	2.7	5.48	3.47 No	1.2	Primary Over-Voltage
SMT081	351	'37657347_/_37657344'	0.4	1.1	3.33	0.552	0.9	1.83	1.16 No	0.4	Primary Over-Voltage
SMT081	352	'37657333_/_37657337'	1.1	3	10	1.664	4.9	5.48	3.47 No	1.1	Primary Over-Voltage
SMT081	353	'8506182_/_8506179'	0.4	1.13	3.33	0.552	0.5	1.86	1.16 No	0.4	Primary Over-Voltage
SMT081	354	'74169699_/_74169710'	0.43	1.17	3.33	0.552	1.23	1.66	1.16 No	0.43	Primary Over-Voltage
SMT081	355	'7875021_/_7875019'	0.4	1.1	3.33	0.552	0.9	1.8	1.16 No	0.4	Primary Over-Voltage
SMT081	356	'8195560_/_8195557'	0.63	1.1	3.33	0.552	0.5	1.8	1.16 No	0.5	Element Fault
SMT081	357	'7245584_/_7245581'	0.63	1.13	3.33	0.552	0.5	1.85	1.16 No	0.5	Element Fault
SMT081	358	'7245332_/_7245329'	0.63	1.07	3.33	0.552	0.5	1.78	1.16 No	0.5	Element Fault

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SMT081	359	'7245567_/7245565_1'	0.4	1.1	3.33	0.552	0.5	1.81	1.16 No	0.4	Primary Over-Voltage
SMT081	360	'415026741_/415026760_1'	0.7	1.1	3.33	0.552	0.5	1.78	1.16 No	0.5	Element Fault
SMT081	361	'3162251_/9455554'	1.1	3.1	10	1.664	2.7	5.15	3.47 No	1.1	Primary Over-Voltage
SMT081	362	'3131061_/3131059'	0.77	1.1	3.33	0.552	0.3	1.77	1.16 No	0.3	Element Fault
SMT081	363	'492633301_/7245815'	0.63	1.03	3.33	0.552	0.5	1.72	1.16 No	0.5	Element Fault
SMT081	364	'52135161_/72474193'	1.1	3.1	10	1.664	4.9	5.12	3.47 No	1.1	Primary Over-Voltage
SMT081	365	'7245818_/492633323'	0.63	1.03	3.33	0.552	0.5	1.71	1.16 No	0.5	Element Fault
SMT081	366	'8196455_/9454550'	0.6	1.03	3.33	0.552	0.5	1.7	1.16 No	0.5	Element Fault
SMT081	367	'153435250_/153435259'	1.3	3	10	1.664	3.8	5.11	3.47 No	1.3	Primary Over-Voltage
SMT081	368	'3162250_/3162248'	0.37	1	3.33	0.552	0.9	1.67	1.16 No	0.37	Primary Over-Voltage
SMT081	369	'8506490_/8506487'	0.6	1.03	3.33	0.552	0.5	1.71	1.16 No	0.5	Element Fault
SMT081	370	'52461370_/52135164'	1.1	3	10	1.664	4.9	4.98	3.47 No	1.1	Primary Over-Voltage
SMT081	371	'3110068_/3110066'	0.4	1.07	3.33	0.552	0.3	1.7	1.16 No	0.3	Element Fault
SMT081	372	'8196456_/8196453'	0.57	0.97	3.33	0.552	0.5	1.62	1.16 No	0.5	Element Fault
SMT081	373	'37656234_/8824354'	0.57	1	3.33	0.552	0.5	1.64	1.16 No	0.5	Element Fault
SMT081	374	'37656206_/37656238'	0.57	1	3.33	0.552	0.5	1.63	1.16 No	0.5	Element Fault
SMT081	375	'37656199_/37656203'	0.57	1	3.33	0.552	0.5	1.63	1.16 No	0.5	Element Fault
SMT081	376	'37656213_/37656217'	0.57	1	3.33	0.552	0.5	1.63	1.16 No	0.5	Element Fault
SMT081	377	'37656226_/37656224'	0.57	1	3.33	0.552	0.5	1.63	1.16 No	0.5	Element Fault
SMT081	378	'43268300_/3136867'	0.67	1	3.33	0.552	0.3	1.62	1.16 No	0.3	Element Fault
SMT081	379	'8196287_/8196285'	0.53	0.97	3.33	0.552	0.5	1.61	1.16 No	0.5	Element Fault
SMT081	380	'7563242_/7563240'	0.63	0.93	3.33	0.552	0.5	1.57	1.16 No	0.5	Element Fault
SMT081	381	'43268289_/43268291'	0.67	0.97	3.33	0.552	0.3	1.58	1.16 No	0.3	Element Fault
SMT081	382	'7558492_/8506567'	0.63	0.93	3.33	0.552	0.5	1.54	1.16 No	0.5	Element Fault
SMT081	383	'8506233_/9455534'	0.53	0.9	3.33	0.552	0.5	1.51	1.16 No	0.5	Element Fault
SMT081	384	'75029176_/43268280'	0.63	0.93	3.33	0.552	0.3	1.52	1.16 No	0.3	Element Fault
SMT081	385	'8506234_/452341581'	0.5	0.87	3.33	0.552	0.5	1.46	1.16 No	0.5	Primary Over-Voltage
SMT081	386	'43268278_/75029181'	0.6	0.9	3.33	0.552	0.3	1.47	1.16 No	0.3	Element Fault
SMT081	387	'8195359_/8506519'	0.63	0.87	3.33	0.552	0.5	1.45	1.16 No	0.5	Element Fault
SMT081	388	'7558491_/7558489'	0.6	0.87	3.33	0.552	0.5	1.43	1.16 No	0.5	Element Fault
SMT081	389	'8195344_/9454418'	0.47	0.87	3.33	0.552	0.5	1.43	1.16 No	0.47	Primary Over-Voltage
SMT081	390	'412388199_/8824730'	0.6	0.83	3.33	0.552	0.5	1.39	1.16 No	0.5	Element Fault
SMT081	391	'43268267_/43268269'	0.57	0.87	3.33	0.552	0.3	1.4	1.16 No	0.3	Element Fault
SMT081	392	'8195360_/8195357'	0.63	0.8	3.33	0.552	0.5	1.36	1.16 No	0.5	Element Fault
SMT081	393	'8195343_/8195341'	0.47	0.83	3.33	0.552	0.5	1.39	1.16 No	0.47	Primary Over-Voltage
SMT081	394	'51279063_/51279065'	0.57	0.83	3.33	0.552	0.3	1.36	1.16 No	0.3	Element Fault
SMT081	395	'8823614_/9139263'	0.43	0.8	3.33	0.552	0.5	1.34	1.16 No	0.43	Primary Over-Voltage
SMT081	396	'511748341_/153435276'	1.1	2.3	10	1.664	3.8	3.95	3.47 No	1.1	Primary Over-Voltage
SMT081	397	'511748331_/38049623'	1.1	2.3	10	1.664	3.8	3.95	3.47 No	1.1	Primary Over-Voltage
SMT081	398	'8454776_/38049630'	1.1	2.3	10	1.664	2	3.95	3.47 No	1.1	Primary Over-Voltage
SMT081	399	'153892100_/153892103'	1.1	2.3	10	1.664	2	3.94	3.47 No	1.1	Primary Over-Voltage
SMT081	400	'8824733_/421388219'	0.57	0.77	3.33	0.552	0.5	1.3	1.16 No	0.5	Element Fault
SMT081	401	'511748259_/7824728'	1.1	2.3	10	1.664	2	3.93	3.47 No	1.1	Primary Over-Voltage
SMT081	402	'511748218_/153889931'	1.1	2.4	10	1.664	1.5	3.92	3.47 No	1.1	Primary Over-Voltage
SMT081	403	'7873288_/8506503'	0.63	0.77	3.33	0.552	0.5	1.29	1.16 No	0.5	Element Fault
SMT081	404	'3130976_/3130974'	0.53	0.8	3.33	0.552	0.3	1.3	1.16 No	0.3	Element Fault
SMT081	405	'8823615_/8823612'	0.43	0.77	3.33	0.552	0.5	1.27	1.16 No	0.43	Primary Over-Voltage
SMT081	406	'7874271_/9454694'	0.53	0.73	3.33	0.552	0.5	1.25	1.16 No	0.5	Element Fault
SMT081	407	'7874272_/7874269'	0.53	0.73	3.33	0.552	0.5	1.24	1.16 No	0.5	Element Fault
SMT081	408	'3136669_/3136667'	0.5	0.77	3.33	0.552	0.3	1.24	1.16 No	0.3	Element Fault
SMT081	409	'7873287_/7873285'	0.63	0.73	3.33	0.552	0.5	1.22	1.16 No	0.5	Element Fault
SMT081	410	'7874287_/9454710'	0.5	0.7	3.33	0.552	0.5	1.2	1.16 No	0.5	Primary Over-Voltage
SMT081	411	'9138466_/9138463_1'	0.4	0.7	3.33	0.552	0.5	1.19	1.16 No	0.4	Primary Over-Voltage
SMT081	412	'7874256_/7874285'	0.47	0.67	3.33	0.552	0.5	1.15	1.16 No	0.47	Primary Over-Voltage
SMT081	413	'8195904_/8824154'	0.6	0.67	3.33	0.552	0.5	1.14	1.16 No	0.5	Element Fault
SMT081	414	'7874240_/7874253'	0.47	0.63	3.33	0.552	0.5	1.09	1.16 No	0.47	Primary Over-Voltage
SMT081	415	'7874224_/7874237'	0.43	0.63	3.33	0.552	0.5	1.06	1.16 No	0.43	Primary Over-Voltage
SMT081	416	'7873780_/7874221'	0.43	0.6	3.33	0.552	0.5	1.02	1.16 No	0.43	Primary Over-Voltage
SMT081	417	'7246067_/7873777'	0.4	0.57	3.33	0.552	0.5	0.97	1.16 No	0.4	Primary Over-Voltage
SMT081	418	'7246068_/7246065'	0.37	0.53	3.33	0.552	0.5	0.89	1.16 No	0.37	Primary Over-Voltage
SMT081	419	'7873336_/8823628'	0.37	0.53	3.33	0.552	0.5	0.88	1.16 No	0.37	Primary Over-Voltage
SMT081	420	'473346779_/473346802'	0.37	0.5	3.33	0.552	0.5	0.86	1.16 No	0.37	Primary Over-Voltage
SMT081	421	'7873335_/7873333'	0.33	0.5	3.33	0.552	0.5	0.84	1.16 No	0.33	Primary Over-Voltage
SMT081	422	'9453716_/9453714'	0.33	0.47	3.33	0.552	0.5	0.79	1.16 No	0.33	Primary Over-Voltage
SMT081	423	'7873272_/9453730'	0.3	0.43	3.33	0.552	0.5	0.75	1.16 No	0.3	Primary Over-Voltage
SMT081	424	'430101056_/426635805_1'	0.3	0.47	3.33	0.552	0.5	0.75	1.16 No	0.3	Primary Over-Voltage
SMT082	0	'SMT082_/64723971'	10	10	10	0	10	10	7.47 No	0	Thermal Discharging
SMT082	1	'64723786_/64723971'	10	10	10	0	10	10	7.47 No	0	Thermal Discharging
SMT082	2	'114297563_/64724822_1'	10	10	10	0	10	10	7.47 No	0	Thermal Discharging
SMT082	3	'65883876_/64724822_2'	10	10	10	0	10	10	7.47 No	0	Thermal Discharging
SMT082	4	'65883866_/64724852_2'	10	10	10	0	10	10	7.47 No	0	Thermal Discharging
SMT082	5	'65883843_/65883863'	10	10	10	0	10	10	7.47 No	0	Thermal Discharging
SMT082	6	'65883838_/65883841'	10	10	10	0	10	10	7.47 No	0	Thermal Discharging
SMT082	7	'65883678_/65883807'	10	10	10	0	10	10	7.47 No	0	Thermal Discharging
SMT082	8	'56902157_/65883681'	10	10	10	0	10	10	7.47 No	0	Thermal Discharging
SMT082	9	'56902206_/56902174_1'	10	10	10	0	10	10	7.47 No	0	Thermal Discharging
SMT082	10	'43267955_/56902174_2'	10	10	10	0	10	10	7.47 No	0	Thermal Discharging
SMT082	11	'3160201_/3160215'	10	10	10	0	10	10	7.47 No	0	Thermal Discharging
SMT082	12	'3158934_/3160198'	10	10	10	0	10	10	7.47 No	0	Thermal Discharging
SMT082	13	'60632504_/3157619'	10	10	10	0	10	10	7.47 No	0	Thermal Discharging
SMT082	14	'467056499_/467056473_1'	10	10	10	0	1.4	10	7.47 No	0	Thermal Discharging
SMT082	15	'68373678_/3157585'	10	10	10	0	10	10	7.47 No	0	Thermal Discharging
SMT082	16	'68373686_/68373654'	10	10	10	0	10	10	7.47 No	0	Thermal Discharging
SMT082	17	'68373765_/68373721_1'	10	10	10	0	10	10	7.47 No	0	Thermal Discharging
SMT082	18	'68373753_/68373693_1'	10	10	10	0	10	10	7.47 No	0	Thermal Discharging
SMT082	19	'68374139_/68373721_2'	10	10	10	0	10	10	7.47 No	0	Thermal Discharging
SMT082	20	'68374126_/68373693_2'	10	10	10	0	10	10	7.47 No	0	Thermal Discharging
SMT082	21	'68374008_/68373721_1'	10	10	10	0	10	10	7.47 No	0	Thermal Discharging
SMT082	22	'68374002_/68373693_3'	10	10	10	0	10	10	7.47 No	0	Thermal Discharging
SMT082	23	'467056476_/467056473_2'	10	10	10	0	1.4	10	7.47 No	0	Thermal Discharging
SMT082	24	'68373774_/68373970'	10	10	10	0	10	10	7.47 No	0	Thermal Discharging
SMT082	25	'467056554_/467056536_1'	10	10	10	0	0.9	10	7.47 No	0	Thermal Discharging
SMT082	26	'68374290_/68373904'	10	10	10	0	10	10	7.47 No	0	Thermal Discharging
SMT082	27	'68373871_/68373874'	10	10	10	0	10	10	7.47 No	0	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over- Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SMT082	28	'477533047_/_68374293_1'		3.33	3.33	3.33	0	0.4	3.33	2.49 No	0 Thermal Discharging
SMT082	29	'467056520_/_467056536_2'		10	10	10	0	0.9	10	7.47 No	0 Thermal Discharging
SMT082	30	'76654230_/_68374323_1'		10	10	10	0	1.4	10	7.47 No	0 Thermal Discharging
SMT082	31	'68373824_/_68373848'		10	10	10	0	10	10	7.47 No	0 Thermal Discharging
SMT082	32	'68374349_/_68374323_2'		10	10	10	0	1.4	10	7.47 No	0 Thermal Discharging
SMT082	33	'3121937_/_3121934'		10	10	10	0	10	10	7.47 No	0 Thermal Discharging
SMT082	34	'475154804_/_475154731_1'		10	10	10	0	1.4	10	7.47 No	0 Thermal Discharging
SMT082	35	'3121948_/_3121945'		10	10	10	0	10	10	7.47 No	0 Thermal Discharging
SMT082	36	'3121959_/_3121956'		10	10	10	0	10	10	7.47 No	0 Thermal Discharging
SMT082	37	'475154734_/_475154731_2'		10	10	10	0	1.4	10	7.47 No	0 Thermal Discharging
SMT082	38	'3121970_/_3121967'		10	10	10	0	10	10	7.47 No	0 Thermal Discharging
SMT082	39	'475154783_/_475154765_1'		10	10	10	0	0.9	10	7.47 No	0 Thermal Discharging
SMT082	40	'3121981_/_3121978'		10	10	10	0	10	10	7.47 No	0 Thermal Discharging
SMT082	41	'3121651_/_3157220'		10	10	10	0	1.4	10	7.47 No	0 Thermal Discharging
SMT082	42	'3121555_/_3121989'		10	10	10	0	10	10	7.47 No	0 Thermal Discharging
SMT082	43	'3121556_/_3121571_1'		6.67	6.67	6.67	0	0.9	6.67	4.98 No	0 Thermal Discharging
SMT082	44	'3157325_/_68374293_2'		3.33	3.33	3.33	0	0.4	3.33	2.49 No	0 Thermal Discharging
SMT082	45	'3121883_/_3121897'		10	10	10	0	10	10	7.47 No	0 Thermal Discharging
SMT082	46	'3121882_/_3121880'		10	10	10	0	10	10	7.47 No	0 Thermal Discharging
SMT082	47	'3121520_/_3121571_2'		6.67	6.67	6.67	0	0.9	6.67	4.98 No	0 Thermal Discharging
SMT082	48	'3121536_/_3121917'		10	10	10	0	10	10	7.47 No	0 Thermal Discharging
SMT082	49	'3121634_/_3121648'		10	10	10	0	1.4	10	7.47 No	0 Thermal Discharging
SMT082	50	'3121471_/_3122125'		10	10	10	0	10	10	7.47 No	0 Thermal Discharging
SMT082	51	'3121451_/_3122145'		10	10	10	0	10	10	7.47 No	0 Thermal Discharging
SMT082	52	'3122037_/_3122054'		10	10	10	0	10	10	7.47 No	0 Thermal Discharging
SMT082	53	'474831039_/_3122034_2'		10	10	10	0	10	10	7.47 No	0 Thermal Discharging
SMT082	54	'3122077_/_3122074'		10	10	10	0	10	10	7.47 No	0 Thermal Discharging
SMT082	55	'3121267_/_3122034_1'		10	10	10	0	10	10	0.6 No	0 Thermal Discharging
SMT082	56	'3122019_/_649128164'		10	10	10	0	10	10	7.47 No	0 Thermal Discharging
SMT082	57	'3122182_/_3122179'		10	10	10	0	10	10	7.47 No	0 Thermal Discharging
SMT082	58	'90805406_/_432245876_1'		10	10	10	0	1.4	10	7.47 No	0 Thermal Discharging
SMT082	59	'3122003_/_649128180'		10	10	10	0	10	10	7.47 No	0 Thermal Discharging
SMT082	60	'3122199_/_3122196'		10	10	10	0	10	10	7.47 No	0 Thermal Discharging
SMT082	61	'3121436_/_3121518'		6.67	6.67	6.67	0	0.9	6.67	4.98 No	0 Thermal Discharging
SMT082	62	'475154749_/_475154765_2'		10	10	10	0	0.9	10	7.47 No	0 Thermal Discharging
SMT082	63	'3121775_/_3122213'		10	10	10	0	10	10	7.47 No	0 Thermal Discharging
SMT082	64	'3121230_/_649128200'		10	10	10	0	10	10	7.47 No	0 Thermal Discharging
SMT082	65	'3121774_/_3121772'		10	10	10	0	10	10	7.47 No	0 Thermal Discharging
SMT082	66	'43265302_/_649128220'		10	10	10	0	10	10	7.47 No	0 Thermal Discharging
SMT082	67	'3121791_/_3121789_1'		10	10	10	0	1.5	10	7.47 No	0 Thermal Discharging
SMT082	68	'3121420_/_3121668'		10	10	10	0	1.4	10	7.47 No	0 Thermal Discharging
SMT082	69	'3121831_/_3121829'		10	10	10	0	10	10	7.47 No	0 Thermal Discharging
SMT082	70	'3121250_/_3121264'		10	10	10	0	4.7	10	0.6 No	0 Thermal Discharging
SMT082	71	'3121849_/_3121846_1'		10	10	10	0	1.4	10	7.47 No	0 Thermal Discharging
SMT082	72	'319030283_/_319030280'		10	10	10	0	4.5	10	7.47 No	0 Thermal Discharging
SMT082	73	'3157354_/_3157406'		10	10	10	0	10	10	7.47 No	0 Thermal Discharging
SMT082	74	'3121365_/_3121362'		6.67	6.67	6.67	0	2.2	6.67	0.4 No	0 Thermal Discharging
SMT082	75	'43265315_/_649128240'		10	10	10	0	10	10	7.47 No	0 Thermal Discharging
SMT082	76	'3121848_/_3121846_2'		10	10	10	0	1.4	10	7.47 No	0 Thermal Discharging
SMT082	77	'319030349_/_319030321_1'		10	10	10	0	0.9	10	7.47 No	0 Thermal Discharging
SMT082	78	'90805322_/_432245876_2'		10	10	10	0	1.4	10	7.47 No	0 Thermal Discharging
SMT082	79	'3157355_/_3157369_1'		10	10	10	0	2.2	10	7.47 No	0 Thermal Discharging
SMT082	80	'43266818_/_3161009'		10	10	10	0	10	10	7.47 No	0 Thermal Discharging
SMT082	81	'3121142_/_649128260'		10	10	10	0	10	10	7.47 No	0 Thermal Discharging
SMT082	82	'3157200_/_43266820'		10	10	10	0	10	10	7.47 No	0 Thermal Discharging
SMT082	83	'69228753_/_3158158'		10	10	10	0	10	10	7.47 No	0 Thermal Discharging
SMT082	84	'344496673_/_54873312_1'		10	10	10	0	1.4	10	7.47 No	0 Thermal Discharging
SMT082	85	'3121346_/_3121434'		6.67	6.67	6.67	0	0.9	6.67	4.98 No	0 Thermal Discharging
SMT082	86	'481546159_/_481546156'		10	10	10	0	1.4	10	7.47 No	0 Thermal Discharging
SMT082	87	'43265341_/_649128280'		10	10	10	0	10	10	7.47 No	0 Thermal Discharging
SMT082	88	'3158161_/_69228750'		10	10	10	0	10	10	7.47 No	0 Thermal Discharging
SMT082	89	'3119895_/_3121247'		10	10	10	0	4.7	10	0.6 No	0 Thermal Discharging
SMT082	90	'3157372_/_3157369_2'		10	10	10	0	2.2	10	7.47 No	0 Thermal Discharging
SMT082	91	'3157656_/_3157653'		3.33	3.33	3.33	0	0.4	3.33	2.49 No	0 Thermal Discharging
SMT082	92	'69228800_/_69228814'		10	10	10	0	10	10	7.47 No	0 Thermal Discharging
SMT082	93	'3121124_/_649128300'		10	10	10	0	10	10	7.47 No	0 Thermal Discharging
SMT082	94	'521700859_/_521700688_2'		10	10	10	0	4.5	10	0.6 No	0 Thermal Discharging
SMT082	95	'43265276_/_3121281'		10	10	10	0	4.5	10	0.6 No	0 Thermal Discharging
SMT082	96	'319030302_/_319030321_2'		10	10	10	0	0.9	10	7.47 No	0 Thermal Discharging
SMT082	97	'3158178_/_3158175'		10	10	10	0	10	10	7.47 No	0 Thermal Discharging
SMT082	98	'7193430_/_649128320'		10	10	10	0	10	10	7.47 No	0 Thermal Discharging
SMT082	99	'3158195_/_3158192'		10	10	10	0	10	10	7.47 No	0 Thermal Discharging
SMT082	100	'54873256_/_3158209'		10	10	10	0	10	10	7.47 No	0 Thermal Discharging
SMT082	101	'43265289_/_43265291'		10	10	10	0	4.7	10	0.59 No	0 Thermal Discharging
SMT082	102	'3157199_/_3157197'		10	10	10	0	4.5	10	7.47 No	0 Thermal Discharging
SMT082	103	'3121159_/_3121156'		10	10	10	0	3.4	10	7.47 No	0 Thermal Discharging
SMT082	104	'3121403_/_3121417'		10	10	10	0	1.4	10	7.47 No	0 Thermal Discharging
SMT082	105	'7193431_/_7193452_1'		10	10	10	0	1.4	10	7.47 No	0 Thermal Discharging
SMT082	106	'3121304_/_649128340'		10	10	10	0	10	10	7.47 No	0 Thermal Discharging
SMT082	107	'43267719_/_3158300'		10	10	10	0	10	10	7.47 No	0 Thermal Discharging
SMT082	108	'90805354_/_90805325'		3.33	3.33	3.33	0	0.47	3.33	2.49 No	0 Thermal Discharging
SMT082	109	'3158268_/_3158283'		10	10	10	0	10	10	7.47 No	0 Thermal Discharging
SMT082	110	'3119228_/_3119872'		10	10	10	0	4.7	10	0.59 No	0 Thermal Discharging
SMT082	111	'3119227_/_3119238_2'		3.33	3.33	3.33	0	1.5	3.33	0.2 No	0 Thermal Discharging
SMT082	112	'348635173_/_3158863_1'		10	10	10	0	10	10	7.47 No	0 Thermal Discharging
SMT082	113	'3057523_/_649128360'		10	10	10	0	10	10	7.47 No	0 Thermal Discharging
SMT082	114	'521700690_/_521700688_1'		10	10	10	0	1.4	10	0.59 No	0 Thermal Discharging
SMT082	115	'43267732_/_3158249'		10	10	10	0	10	10	7.47 No	0 Thermal Discharging
SMT082	116	'3119841_/_3119855'		10	10	10	0	4.7	10	0.59 No	0 Thermal Discharging
SMT082	117	'3057524_/_649128380'		10	10	10	0	10	10	7.47 No	0 Thermal Discharging
SMT082	118	'43255284_/_649128400'		10	10	10	0	10	10	7.47 No	0 Thermal Discharging
SMT082	119	'3119840_/_3119838'		10	10	10	0	4.7	10	0.59 No	0 Thermal Discharging
SMT082	120	'3057824_/_649128420'		10	10	10	0	10	10	7.47 No	0 Thermal Discharging
SMT082	121	'43265328_/_3121173'		10	10	10	0	3.4	10	7.47 No	0 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over- Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SMT082	122	'43269223_/43267734'		10	10	10	0	10	10	7.47 No	0 Thermal Discharging
SMT082	123	'3119648_/3119912'		10	10	10	0	4.7	10	0.59 No	0 Thermal Discharging
SMT082	124	'3120025_/3121344'		6.67	6.67	6.67	0	0.9	6.67	4.98 No	0 Thermal Discharging
SMT082	125	'3058589_/649128440'		10	10	10	0	10	10	7.47 No	0 Thermal Discharging
SMT082	126	'3119517_/3119662'		10	10	10	0	4.7	10	0.59 No	0 Thermal Discharging
SMT082	127	'3119241_/3119238_1'		3.33	3.33	3.33	0	0.3	3.33	0.2 No	0 Thermal Discharging
SMT082	128	'44077778_/7193452_2'		10	10	10	0	1.4	10	7.47 No	0 Thermal Discharging
SMT082	129	'3119298_/3119296_2'		10	10	10	0	3.1	10	0.59 No	0 Thermal Discharging
SMT082	130	'567461130_/3160992'		10	10	10	0	10	10	7.47 No	0 Thermal Discharging
SMT082	131	'3058590_/3058587'		10	10	10	0	10	10	7.47 No	0 Thermal Discharging
SMT082	132	'65666367_/3057538'		10	10	10	0	5.9	10	7.47 No	0 Thermal Discharging
SMT082	133	'43267745_/567461136'		10	10	10	0	10	10	7.47 No	0 Thermal Discharging
SMT082	134	'90805361_/90805358'		3.33	3.33	3.33	0	0.47	3.33	2.49 No	0 Thermal Discharging
SMT082	135	'65666384_/43254566_2'		10	10	10	0	5.9	10	7.47 No	0 Thermal Discharging
SMT082	136	'3119935_/3119932'		10	10	10	0	4.7	10	0.59 No	0 Thermal Discharging
SMT082	137	'67383646_/3057838'		10	10	10	0	5.9	10	7.47 No	0 Thermal Discharging
SMT082	138	'43255666_/3058611'		10	10	10	0	10	10	7.47 No	0 Thermal Discharging
SMT082	139	'67383687_/7242873_2'		10	10	10	0	4.2	10	7.47 No	0 Thermal Discharging
SMT082	140	'3119952_/3119949'		10	10	10	0	4.7	10	0.59 No	0 Thermal Discharging
SMT082	141	'43267758_/43267774'		10	10	10	0	10	10	7.47 No	0 Thermal Discharging
SMT082	142	'3119257_/3119254'		3.33	3.33	3.33	0	0.3	3.33	0.2 No	0 Thermal Discharging
SMT082	143	'8196047_/8196045_1'		10	10	10	0	0.9	10	0.59 No	0 Thermal Discharging
SMT082	144	'69228651_/54873312_2'		10	10	10	0	1.4	10	7.47 No	0 Thermal Discharging
SMT082	145	'67218754_/67218726'		10	10	10	0	4.5	10	0.59 No	0 Thermal Discharging
SMT082	146	'3058614_/43255668'		10	10	10	0	10	10	7.47 No	0 Thermal Discharging
SMT082	147	'50370019_/3058628_1'		10	10	10	0	10	10	7.47 No	0 Thermal Discharging
SMT082	148	'3119972_/3119969'		10	10	10	0	4.7	10	0.59 No	0 Thermal Discharging
SMT082	149	'459621517_/3121789_2'		10	10	10	0	1.5	10	7.47 No	0 Thermal Discharging
SMT082	150	'3058631_/3058628_2'		10	10	10	0	10	10	7.47 No	0 Thermal Discharging
SMT082	151	'7193411_/43265330'		10	10	10	0	3.4	10	7.47 No	0 Thermal Discharging
SMT082	152	'3119989_/3119986'		10	10	10	0	4.7	10	0.59 No	0 Thermal Discharging
SMT082	153	'3119282_/521700730'		10	10	10	0	1.4	10	0.59 No	0 Thermal Discharging
SMT082	154	'8142104_/8142121_2'		10	10	10	0	3.4	10	7.47 No	0 Thermal Discharging
SMT082	155	'428404320_/428404292_1'		10	10	10	0	1	10	7.47 No	0 Thermal Discharging
SMT082	156	'7557491_/7871045_2'		10	10	10	0	4.2	10	7.47 No	0 Thermal Discharging
SMT082	157	'49931628_/7242893_2'		10	10	10	0	4.2	10	7.47 No	0 Thermal Discharging
SMT082	158	'3119269_/3119267'		3.33	3.33	3.33	0	0.3	3.33	0.2 No	0 Thermal Discharging
SMT082	159	'3079977_/3079974'		10	10	10	0	10	10	7.47 No	0 Thermal Discharging
SMT082	160	'7242895_/7242893_1'		10	10	10	0	3.1	10	7.47 No	0 Thermal Discharging
SMT082	161	'3119736_/3120003'		10	10	10	0	4.7	10	0.59 No	0 Thermal Discharging
SMT082	162	'3119299_/3119296_1'		10	10	10	0	0.9	10	0.59 No	0 Thermal Discharging
SMT082	163	'428404273_/428404292_2'		10	10	10	0	1	10	7.47 No	0 Thermal Discharging
SMT082	164	'65666349_/43254566_1'		10	10	10	0	0.9	10	7.47 No	0 Thermal Discharging
SMT082	165	'649128472_/649128469'		10	10	10	0	10	10	7.47 No	0 Thermal Discharging
SMT082	166	'3119719_/3119733'		10	10	10	0	4.7	10	0.59 No	0 Thermal Discharging
SMT082	167	'43267772_/43267760'		10	10	10	0	10	10	7.47 No	0 Thermal Discharging
SMT082	168	'8142124_/8142121_1'		10	10	10	0	0.9	10	7.47 No	0 Thermal Discharging
SMT082	169	'3119702_/3119716'		10	10	10	0	4.7	10	0.59 No	0 Thermal Discharging
SMT082	170	'465497452_/649128487'		10	10	10	0	10	10	7.47 No	0 Thermal Discharging
SMT082	171	'43267813_/43267774'		10	10	10	0	10	10	7.47 No	0 Thermal Discharging
SMT082	172	'465497384_/465497449'		10	10	10	0	10	10	7.47 No	0 Thermal Discharging
SMT082	173	'3120026_/3120023'		6.67	6.67	6.67	0	0.9	6.67	4.98 No	0 Thermal Discharging
SMT082	174	'520472019_/520471987_1'		3.33	3.33	3.33	0	0.3	3.33	2.49 No	0 Thermal Discharging
SMT082	175	'3119685_/3119699'		10	10	10	0	4.7	10	0.59 No	0 Thermal Discharging
SMT082	176	'520472058_/465497381'		10	10	10	0	10	10	7.47 No	0 Thermal Discharging
SMT082	177	'120970817_/465497369'		10	10	10	0	10	10	7.47 No	0 Thermal Discharging
SMT082	178	'649128532_/465497296_2'		10	10	10	0	10	10	7.47 No	0 Thermal Discharging
SMT082	179	'3157337_/3157389'		10	10	10	0	2.2	10	7.47 No	0 Thermal Discharging
SMT082	180	'465497470_/465497467'		10	10	10	0	10	10	7.47 No	0 Thermal Discharging
SMT082	181	'8196048_/8196045_2'		10	10	10	0	0.9	10	0.59 No	0 Thermal Discharging
SMT082	182	'542715686_/542715683'		10	10	10	0	1.4	10	0.59 No	0 Thermal Discharging
SMT082	183	'7246972_/7246989_1'		10	10	10	0	1.4	10	7.47 No	0 Thermal Discharging
SMT082	184	'3119684_/3119682'		10	10	10	0	4.7	10	0.59 No	0 Thermal Discharging
SMT082	185	'465497488_/465497485'		10	10	10	0	10	10	7.47 No	0 Thermal Discharging
SMT082	186	'3119518_/3119515'		3.33	3.33	3.33	0	1	3.33	0.2 No	0 Thermal Discharging
SMT082	187	'520471990_/520471987_2'		3.33	3.33	3.33	0	0.3	3.33	2.49 No	0 Thermal Discharging
SMT082	188	'67218779_/67218756'		10	10	10	0	4.5	10	0.59 No	0 Thermal Discharging
SMT082	189	'43265192_/43265194'		10	10	10	0	4.7	10	0.59 No	0 Thermal Discharging
SMT082	190	'65666337_/3057555'		10	10	10	0	0.9	10	7.47 No	0 Thermal Discharging
SMT082	191	'520471861_/465497503_1'		10	10	10	0	10	10	8.15 No	0 Thermal Discharging
SMT082	192	'465497506_/465497503_2'		10	10	10	0	10	10	8.15 No	0 Thermal Discharging
SMT082	193	'43267786_/43267815'		10	10	10	0	10	10	7.47 No	0 Thermal Discharging
SMT082	194	'695661891_/465497521'		10	10	10	0	10	10	8.15 No	0 Thermal Discharging
SMT082	195	'583742801_/583742805'		10	10	10	0	4.7	10	0.59 No	0 Thermal Discharging
SMT082	196	'709685019_/695661934_1'		10	10	10	0	10	10	8.15 No	0 Thermal Discharging
SMT082	197	'37640626_/7871045_1'		10	10	10	0	3.1	10	7.47 No	0 Thermal Discharging
SMT082	198	'37640612_/37640609'		10	10	10	0	3.1	10	7.47 No	0 Thermal Discharging
SMT082	199	'37640661_/37640665'		10	10	10	0	3.1	10	7.47 No	0 Thermal Discharging
SMT082	200	'37640646_/37640644'		10	10	10	0	3.1	10	7.47 No	0 Thermal Discharging
SMT082	201	'37640618_/37640616'		10	10	10	0	3.1	10	7.47 No	0 Thermal Discharging
SMT082	202	'465497524_/695661895'		10	10	10	0	10	10	8.15 No	0 Thermal Discharging
SMT082	203	'695661937_/695661934_2'		10	10	10	0	10	10	8.15 No	0 Thermal Discharging
SMT082	204	'3119209_/3119784'		10	10	10	0	4.7	10	0.59 No	0 Thermal Discharging
SMT082	205	'709685052_/695661952_1'		10	10	10	0	10	10	8.15 No	0 Thermal Discharging
SMT082	206	'465497631_/465497628'		10	10	10	0	10	10	8.15 No	0 Thermal Discharging
SMT082	207	'695661955_/695661952_2'		10	10	10	0	10	10	8.15 No	0 Thermal Discharging
SMT082	208	'709685041_/695662003_1'		10	10	10	0	10	10	8.15 No	0 Thermal Discharging
SMT082	209	'466855712_/465497830_1'		10	10	10	0	1.1	10	8.15 No	0 Thermal Discharging
SMT082	210	'695662096_/695662003_2'		10	10	10	0	1.4	10	8.15 No	0 Thermal Discharging
SMT082	211	'465497833_/465497830_2'		10	10	10	0	1.1	10	8.15 No	0 Thermal Discharging
SMT082	212	'465498022_/465497912_1'		10	10	10	0	1.1	10	8.15 No	0 Thermal Discharging
SMT082	213	'465497649_/465497646'		10	10	10	0	10	10	8.15 No	0 Thermal Discharging
SMT082	214	'466855753_/465497846_1'		10	10	10	0	1.1	10	8.15 No	0 Thermal Discharging
SMT082	215	'695662006_/695662003_3'		10	10	10	0	1.4	10	8.15 No	0 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SMT082	216	'465497915_/465497912_2'		10	10	10	0	1.1	10	8.15 No	0 Thermal Discharging
SMT082	217	'465497849_/465497846_2'		10	10	10	0	1.1	10	8.15 No	0 Thermal Discharging
SMT082	218	'7246992_/7246989_2'		10	10	10	0	1.4	10	7.47 No	0 Thermal Discharging
SMT082	219	'542715769_/542715766'	3.33		3.33	3.33	0	0.47	3.33	0.2 No	0 Thermal Discharging
SMT082	220	'465498043_/465497930_1'		10	10	10	0	1.1	10	8.15 No	0 Thermal Discharging
SMT082	221	'465497667_/465497664'		10	10	10	0	10	10	8.15 No	0 Thermal Discharging
SMT082	222	'43265179_/43265181'		10	10	10	0	4.7	10	0.59 No	0 Thermal Discharging
SMT082	223	'466855784_/465497862_1'		10	10	10	0	1.1	10	8.15 No	0 Thermal Discharging
SMT082	224	'465497933_/465497930_2'		10	10	10	0	1.1	10	8.15 No	0 Thermal Discharging
SMT082	225	'3119319_/3119316'		10	10	10	0	0.9	10	0.59 No	0 Thermal Discharging
SMT082	226	'465497865_/465497862_2'		10	10	10	0	1.1	10	8.15 No	0 Thermal Discharging
SMT082	227	'465497685_/465497682'		10	10	10	0	10	10	8.15 No	0 Thermal Discharging
SMT082	228	'465498064_/465497948_1'		10	10	10	0	1.1	10	8.15 No	0 Thermal Discharging
SMT082	229	'466855815_/465497878_1'		10	10	10	0	1.1	10	8.15 No	0 Thermal Discharging
SMT082	230	'465497951_/465497948_2'		10	10	10	0	1.1	10	8.15 No	0 Thermal Discharging
SMT082	231	'465497881_/465497878_2'		10	10	10	0	1.1	10	8.15 No	0 Thermal Discharging
SMT082	232	'465498085_/465497966_1'		10	10	10	0	1.1	10	8.15 No	0 Thermal Discharging
SMT082	233	'465497703_/465497700'		10	10	10	0	10	10	8.15 No	0 Thermal Discharging
SMT082	234	'466855846_/465497894_1'		10	10	10	0	1.1	10	8.15 No	0 Thermal Discharging
SMT082	235	'542715704_/542715701'		10	10	10	0	1.4	10	0.59 No	0 Thermal Discharging
SMT082	236	'465497969_/465497966_2'		10	10	10	0	1.1	10	8.15 No	0 Thermal Discharging
SMT082	237	'465497897_/465497894_2'		10	10	10	0	1.1	10	8.15 No	0 Thermal Discharging
SMT082	238	'43265166_/43265168'		10	10	10	0	4.7	10	0.59 No	0 Thermal Discharging
SMT082	239	'465498106_/465497984_1'		10	10	10	0	1.1	10	8.15 No	0 Thermal Discharging
SMT082	240	'465497987_/465497984_2'		10	10	10	0	1.1	10	8.15 No	0 Thermal Discharging
SMT082	241	'7182149_/43267788'		10	10	10	0	10	10	7.47 No	0 Thermal Discharging
SMT082	242	'7182223_/7182237_1'		10	10	10	0	10	10	7.47 No	0 Thermal Discharging
SMT082	243	'8193249_/8821350'		10	10	10	0	3.1	10	7.47 No	0 Thermal Discharging
SMT082	244	'7182182_/7182237_2'		10	10	10	0	10	10	7.47 No	0 Thermal Discharging
SMT082	245	'7182166_/7182163'		10	10	10	0	10	10	7.47 No	0 Thermal Discharging
SMT082	246	'65666325_/3057572'		10	10	10	0	0.9	10	7.47 No	0 Thermal Discharging
SMT082	247	'7817182_/9398486_1'		10	10	10	0	3.1	10	7.47 No	0 Thermal Discharging
SMT082	248	'3119065_/3120083'		10	10	10	0	4.7	10	0.59 No	0 Thermal Discharging
SMT082	249	'3120041_/3120038'	6.67		6.67	6.67	0	0.9	6.67	4.98 No	0 Thermal Discharging
SMT082	250	'7182183_/7182180'		10	10	10	0	10	10	7.47 No	0 Thermal Discharging
SMT082	251	'9398468_/9710644_2'		10	10	10	0	5.1	10	7.47 No	0 Thermal Discharging
SMT082	252	'8193248_/8193246'		10	10	10	0	3.1	10	7.47 No	0 Thermal Discharging
SMT082	253	'43266194_/43266196'	3.33		3.33	3.33	0	0.47	3.33	0.2 No	0 Thermal Discharging
SMT082	254	'67383620_/7182237_3'		10	10	10	0	10	10	7.47 No	0 Thermal Discharging
SMT082	255	'67062025_/44074939'		10	10	10	0	10	10	7.47 No	0 Thermal Discharging
SMT082	256	'3118868_/3119063'		10	10	10	0	4.7	10	0.59 No	0 Thermal Discharging
SMT082	257	'67218805_/67218782'		10	10	10	0	4.5	10	0.59 No	0 Thermal Discharging
SMT082	258	'7246260_/9710644_1'		10	10	10	0	3.1	10	7.47 No	0 Thermal Discharging
SMT082	259	'67061992_/67062019'		10	10	10	0	10	10	7.47 No	0 Thermal Discharging
SMT082	260	'534251757_/7182122_1'		10	10	10	0	10	10	7.47 No	0 Thermal Discharging
SMT082	261	'43267799_/7182200'		10	10	10	0	10	10	7.47 No	0 Thermal Discharging
SMT082	262	'7246239_/9398486_2'		10	10	10	0	3.1	10	7.47 No	0 Thermal Discharging
SMT082	263	'3119083_/3119080'		10	10	10	0	4.7	10	0.59 No	0 Thermal Discharging
SMT082	264	'542715722_/542715719'		10	10	10	0	1.4	10	0.59 No	0 Thermal Discharging
SMT082	265	'7246240_/7246237_1'		10	10	10	0	3.1	10	7.47 No	0 Thermal Discharging
SMT082	266	'3119534_/3119531'	3.33		3.33	3.33	0	0.3	3.33	0.2 No	0 Thermal Discharging
SMT082	267	'3134876_/3134873'		10	10	10	0	4.7	10	0.59 No	0 Thermal Discharging
SMT082	268	'317407070_/3118866_1'	6.67		6.67	6.67	0	0.6	6.67	0.39 No	0 Thermal Discharging
SMT082	269	'65666307_/3057589'		10	10	10	0	0.9	10	7.47 No	0 Thermal Discharging
SMT082	270	'72830558_/72830598'		10	10	10	0	3.1	10	7.47 No	0 Thermal Discharging
SMT082	271	'7182203_/43267801'		10	10	10	0	10	10	7.47 No	0 Thermal Discharging
SMT082	272	'3118886_/3134890'		10	10	10	0	4.7	10	0.59 No	0 Thermal Discharging
SMT082	273	'430716800_/430716778_1'		10	10	10	0	4.5	10	0.59 No	0 Thermal Discharging
SMT082	274	'7817221_/7817219_1'		10	10	10	0	3.4	10	7.47 No	0 Thermal Discharging
SMT082	275	'3135147_/3135157_1'	3.33		3.33	3.33	0	0.3	3.33	0.2 No	0 Thermal Discharging
SMT082	276	'3118887_/7873857_1'	3.33		3.33	3.33	0	0.3	3.33	0.2 No	0 Thermal Discharging
SMT082	277	'3119336_/3119333'		10	10	10	0	0.9	10	0.59 No	0 Thermal Discharging
SMT082	278	'430716781_/430716778_2'		10	10	10	0	4.5	10	0.59 No	0 Thermal Discharging
SMT082	279	'7242875_/7242873_1'		10	10	10	0	3.1	10	7.47 No	0 Thermal Discharging
SMT082	280	'3119100_/3119117'		10	10	10	0	4.7	10	0.59 No	0 Thermal Discharging
SMT082	281	'7817222_/7817219_2'		10	10	10	0	3.4	10	7.47 No	0 Thermal Discharging
SMT082	282	'3121703_/3157335'		10	10	10	0	2.2	10	7.47 No	0 Thermal Discharging
SMT082	283	'3120056_/3120053'	5.93		6.67	6.67	0	0.9	6.67	4.98 No	0 Thermal Discharging
SMT082	284	'3119099_/3119097'		10	10	10	0	4.7	10	0.59 No	0 Thermal Discharging
SMT082	285	'65666295_/3057606'		10	10	10	0	0.9	10	7.47 No	0 Thermal Discharging
SMT082	286	'43265263_/43265265'		10	10	10	0	4.7	10	0.59 No	0 Thermal Discharging
SMT082	287	'317407033_/3118866_2'	6.67		6.67	6.67	0	0.6	6.67	0.39 No	0 Thermal Discharging
SMT082	288	'57625562_/3119151'		10	10	10	0	4.7	10	0.59 No	0 Thermal Discharging
SMT082	289	'3134909_/3135157_2'	3.33		3.33	3.33	0	0.3	3.33	0.2 No	0 Thermal Discharging
SMT082	290	'44077792_/44077780'	9.4		10	10	0	1.4	10	7.47 No	0 Thermal Discharging
SMT082	291	'57625600_/57625602'		10	10	10	0	4.7	10	0.59 No	0 Thermal Discharging
SMT082	292	'65666283_/3057623'		10	10	10	0	0.9	10	7.47 No	0 Thermal Discharging
SMT082	293	'3119353_/3119350'	8.4		10	10	0	0.9	10	0.59 No	0 Thermal Discharging
SMT082	294	'8502535_/8502533'		10	10	10	0	3.1	10	7.47 No	0 Thermal Discharging
SMT082	295	'57625599_/3119046'		10	10	10	0	4.7	10	0.59 No	0 Thermal Discharging
SMT082	296	'445648171_/445648151_1'	3.33		3.33	3.33	0	0.4	3.33	0.2 No	0 Thermal Discharging
SMT082	297	'3120071_/3120068'	4.2		6.67	6.67	0	0.9	6.67	4.98 No	0 Thermal Discharging
SMT082	298	'57625482_/57625484'		10	10	10	0	4.7	10	0.59 No	0 Thermal Discharging
SMT082	299	'317407039_/3118913'	6.67		6.67	6.67	0	0.6	6.67	0.39 No	0 Thermal Discharging
SMT082	300	'3134910_/3134907'	3.33		3.33	3.33	0	0.3	3.33	0.2 No	0 Thermal Discharging
SMT082	301	'3057497_/7120133'		10	10	10	0	4.7	10	0.59 No	0 Thermal Discharging
SMT082	302	'65666271_/3057640'		10	10	10	0	0.9	10	7.47 No	0 Thermal Discharging
SMT082	303	'3057427_/3057495'		10	10	10	0	4.7	10	0.59 No	0 Thermal Discharging
SMT082	304	'3057426_/3057424'		10	10	10	0	4.7	10	0.59 No	0 Thermal Discharging
SMT082	305	'3121704_/3121701'	5.9		10	10	0	2.2	10	7.47 No	0 Thermal Discharging
SMT082	306	'3121589_/3121586'	3.67		6.67	6.67	0	0.9	6.67	4.98 No	0 Thermal Discharging
SMT082	307	'7873860_/7873857_2'	3.33		3.33	3.33	0	0.3	3.33	0.2 No	0 Thermal Discharging
SMT082	308	'43254286_/43254288'		10	10	10	0	4.7	10	0.58 No	0 Thermal Discharging
SMT082	309	'8821552_/8821550'		10	10	10	0	3.1	10	7.47 No	0 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SMT082	310	'3119370_/_3119367'		5.8	10	10	0	0.9	10	0.59 No	0 Thermal Discharging
SMT082	311	'3057393_/_3057407'		10	10	10	0	4.7	10	0.58 No	0 Thermal Discharging
SMT082	312	'8821532_/_8821530_1'		7.5	10	10	0	3.1	10	7.47 No	0 Thermal Discharging
SMT082	313	'7870875_/_7870873'		7.1	10	10	0	3.1	10	7.47 No	0 Thermal Discharging
SMT082	314	'3134936_/_3134933'		3.33	3.33	3.33	0	0.3	3.33	0.2 No	0 Thermal Discharging
SMT082	315	'65666252_/_3057657'		10	10	10	0	0.9	10	7.47 No	0 Thermal Discharging
SMT082	316	'317407047_/_3118848'		6.67	6.67	6.67	0	0.6	6.67	0.39 No	0 Thermal Discharging
SMT082	317	'3057376_/_3057390'		10	10	10	0	4.7	10	0.58 No	0 Thermal Discharging
SMT082	318	'3121604_/_3121601'		3.33	6.67	6.67	0	0.9	6.67	4.98 No	0 Thermal Discharging
SMT082	319	'3057120_/_3057373'		10	10	10	0	4.7	10	0.58 No	0 Thermal Discharging
SMT082	320	'3057121_/_43254301_2'		3.33	3.33	3.33	0	1	3.33	0.19 No	0 Thermal Discharging
SMT082	321	'43265393_/_3119547'		5	10	10	0	0.9	10	0.59 No	0 Thermal Discharging
SMT082	322	'432347041_/_432347038'		5	10	10	0	0.9	10	0.59 No	0 Thermal Discharging
SMT082	323	'3121721_/_3121718'		4.7	10	10	0	2.2	10	7.47 No	0 Thermal Discharging
SMT082	324	'3057444_/_3057461'		10	10	10	0	4.7	10	0.58 No	0 Thermal Discharging
SMT082	325	'7557451_/_8502357_2'		10	10	10	0	4.7	10	0.58 No	0 Thermal Discharging
SMT082	326	'3057677_/_3057674'		8	10	10	0	0.9	10	7.47 No	0 Thermal Discharging
SMT082	327	'3134923_/_3134920'		3.33	3.33	3.33	0	0.3	3.33	0.2 No	0 Thermal Discharging
SMT082	328	'270601873_/_3057441'		10	10	10	0	4.7	10	0.58 No	0 Thermal Discharging
SMT082	329	'43254251_/_423510432'		10	10	10	0	4.7	10	0.58 No	0 Thermal Discharging
SMT082	330	'629383404_/_629383401'		7.2	10	10	0	0.9	10	7.47 No	0 Thermal Discharging
SMT082	331	'432347061_/_432347058'		4.6	10	10	0	0.9	10	0.59 No	0 Thermal Discharging
SMT082	332	'423510519_/_43254253_1'		3.33	3.33	3.33	0	0.3	3.33	0.19 No	0 Thermal Discharging
SMT082	333	'423510460_/_423510457'		10	10	10	0	4.7	10	0.58 No	0 Thermal Discharging
SMT082	334	'43254299_/_43254301_1'		3.33	3.33	3.33	0	1	3.33	0.19 No	0 Thermal Discharging
SMT082	335	'432347132_/_432347104_1'		4.6	10	10	0	0.5	10	0.59 No	0 Thermal Discharging
SMT082	336	'445648132_/_445648151_2'		3.33	3.33	3.33	0	0.4	3.33	0.19 No	0 Thermal Discharging
SMT082	337	'8502359_/_8502357_1'		10	10	10	0	0.9	10	0.58 No	0 Thermal Discharging
SMT082	338	'423510659_/_423510656'		10	10	10	0	4.7	10	0.58 No	0 Thermal Discharging
SMT082	339	'43265354_/_3121755'		4.3	10	10	0	2.2	10	7.47 No	0 Thermal Discharging
SMT082	340	'346098128_/_3121738'		4.3	10	10	0	2.2	10	7.47 No	0 Thermal Discharging
SMT082	341	'346098208_/_346098155_1'		4.3	10	10	0	1.5	10	7.47 No	0 Thermal Discharging
SMT082	342	'3121758_/_9139015_1'		4.2	10	10	0	0.6	10	7.47 No	0 Thermal Discharging
SMT082	343	'317407082_/_3118820'		5.27	6.67	6.67	0	0.6	6.67	0.39 No	0 Thermal Discharging
SMT082	344	'423510679_/_423510676'		10	10	10	0	4.7	10	0.58 No	0 Thermal Discharging
SMT082	345	'3056973_/_3056987'		10	10	10	0	4.7	10	0.58 No	0 Thermal Discharging
SMT082	346	'3119387_/_3119384'		4.3	10	10	0	0.9	10	0.59 No	0 Thermal Discharging
SMT082	347	'423510699_/_423510696'		10	10	10	0	4.7	10	0.58 No	0 Thermal Discharging
SMT082	348	'3134949_/_3134946'		3.33	3.33	3.33	0	0.3	3.33	0.2 No	0 Thermal Discharging
SMT082	349	'423510719_/_423510716'		10	10	10	0	4.7	10	0.58 No	0 Thermal Discharging
SMT082	350	'3056828_/_43254253_2'		3.33	3.33	3.33	0	0.3	3.33	0.19 No	0 Thermal Discharging
SMT082	351	'346098136_/_346098155_2'		4.1	10	10	0	1.5	10	7.47 No	0 Thermal Discharging
SMT082	352	'9139018_/_9139015_2'		4.1	10	10	0	0.6	10	7.47 No	0 Thermal Discharging
SMT082	353	'3135186_/_3135183'		3.33	3.33	3.33	0	0.3	3.33	0.2 No	0 Thermal Discharging
SMT082	354	'423510739_/_423510736'		10	10	10	0	4.7	10	0.58 No	0 Thermal Discharging
SMT082	355	'423510759_/_423510756'		10	10	10	0	4.7	10	0.58 No	0 Thermal Discharging
SMT082	356	'423510854_/_423510851'		10	10	10	0	4.7	10	0.58 No	0 Thermal Discharging
SMT082	357	'3056950_/_43254240'		10	10	10	0	4.7	10	0.58 No	0 Thermal Discharging
SMT082	358	'432347085_/_432347104_2'		4	10	10	0	0.5	10	0.59 No	0 Thermal Discharging
SMT082	359	'3057189_/_3060263_2'		10	10	10	0	3.1	10	0.58 No	0 Thermal Discharging
SMT082	360	'3057163_/_3057173'		3.33	3.33	3.33	0	1	3.33	0.19 No	0 Thermal Discharging
SMT082	361	'423510874_/_423510871'		10	10	10	0	4.7	10	0.58 No	0 Thermal Discharging
SMT082	362	'423510894_/_423510891'		10	10	10	0	4.7	10	0.58 No	0 Thermal Discharging
SMT082	363	'3119404_/_3119401'		3.7	10	10	0	0.9	10	0.59 No	0 Thermal Discharging
SMT082	364	'3056800_/_423659339'		10	10	10	0	4.7	10	0.58 No	0 Thermal Discharging
SMT082	365	'423659514_/_423659511_2'		10	10	10	0	4.7	10	0.58 No	0 Thermal Discharging
SMT082	366	'3134961_/_3135118'		3.33	3.33	3.33	0	0.3	3.33	0.19 No	0 Thermal Discharging
SMT082	367	'151594210_/_3119564_1'		2.47	6.67	6.67	0	0.3	6.67	0.39 No	0 Thermal Discharging
SMT082	368	'423659513_/_423659511_1'		10	10	10	0	4.7	10	0.58 No	0 Thermal Discharging
SMT082	369	'3060265_/_3060263_1'		10	10	10	0	0.9	10	0.58 No	0 Thermal Discharging
SMT082	370	'43254275_/_423659539'		10	10	10	0	4.7	10	0.58 No	0 Thermal Discharging
SMT082	371	'44077806_/_44077794'		3.6	10	10	0	1.4	10	7.47 No	0 Thermal Discharging
SMT082	372	'3056845_/_3056826'		3.33	3.33	3.33	0	0.3	3.33	0.19 No	0 Thermal Discharging
SMT082	373	'423659583_/_423659556_2'		10	10	10	0	4.7	10	0.58 No	0 Thermal Discharging
SMT082	374	'3056774_/_423659556_1'		10	10	10	0	4.7	10	0.58 No	0 Thermal Discharging
SMT082	375	'149971427_/_126162597_1'		3.5	10	10	0	0.9	10	7.47 No	0 Thermal Discharging
SMT082	376	'423659612_/_423659580_2'		10	10	10	0	4.7	10	0.58 No	0 Thermal Discharging
SMT082	377	'123453645_/_3056863_2'		3.33	3.33	3.33	0	0.3	3.33	0.19 No	0 Thermal Discharging
SMT082	378	'423659639_/_423659609'		10	10	10	0	4.7	10	0.58 No	0 Thermal Discharging
SMT082	379	'423659670_/_423659636'		10	10	10	0	4.7	10	0.58 No	0 Thermal Discharging
SMT082	380	'423659698_/_423659667'		10	10	10	0	4.7	10	0.58 No	0 Thermal Discharging
SMT082	381	'43256314_/_3060283'		10	10	10	0	0.9	10	0.58 No	0 Thermal Discharging
SMT082	382	'3134962_/_3134959'		3.03	3.33	3.33	0	0.3	3.33	0.19 No	0 Thermal Discharging
SMT082	383	'471697415_/_471697419'		3.33	3.33	3.33	0	1	3.33	0.19 No	0 Thermal Discharging
SMT082	384	'3119424_/_3119421'		3.2	10	10	0	0.9	10	0.59 No	0 Thermal Discharging
SMT082	385	'423659697_/_423659695'		10	10	10	0	4.7	10	0.58 No	0 Thermal Discharging
SMT082	386	'3056898_/_3056947'		10	10	10	0	4.7	10	0.58 No	0 Thermal Discharging
SMT082	387	'2110076_/_423659723'		10	10	10	0	4.7	10	0.58 No	0 Thermal Discharging
SMT082	388	'535927579_/_535927583'		10	10	10	0	4.7	10	0.58 No	0 Thermal Discharging
SMT082	389	'535927541_/_535927545'		10	10	10	0	4.7	10	0.58 No	0 Thermal Discharging
SMT082	390	'116452702_/_2110087_1'		3.33	3.33	3.33	0	0.1	3.33	0.19 No	0 Thermal Discharging
SMT082	391	'3057206_/_3057219_1'		3.33	3.33	3.33	0	0.3	3.33	0.19 No	0 Thermal Discharging
SMT082	392	'423659811_/_423660028'		10	10	10	0	4.7	10	0.58 No	0 Thermal Discharging
SMT082	393	'535927505_/_535927509'		10	10	10	0	4.7	10	0.58 No	0 Thermal Discharging
SMT082	394	'535927670_/_535927473'		10	10	10	0	4.7	10	0.58 No	0 Thermal Discharging
SMT082	395	'535927436_/_423659808'		10	10	10	0	4.7	10	0.58 No	0 Thermal Discharging
SMT082	396	'535927410_/_535927416'		10	10	10	0	4.7	10	0.58 No	0 Thermal Discharging
SMT082	397	'3119567_/_3119564_2'		2.07	6.67	6.67	0	0.3	6.67	0.39 No	0 Thermal Discharging
SMT082	398	'7193455_/_44077808'		3.1	10	10	0	1.4	10	7.47 No	0 Thermal Discharging
SMT082	399	'423660079_/_423660085'		10	10	10	0	4.7	10	0.58 No	0 Thermal Discharging
SMT082	400	'3060306_/_43256316'		10	10	10	0	0.9	10	0.58 No	0 Thermal Discharging
SMT082	401	'3135108_/_3135092'		2.3	3.33	3.33	0	0.3	3.33	0.19 No	0 Thermal Discharging
SMT082	402	'43254227_/_3057219_2'		3.33	3.33	3.33	0	0.3	3.33	0.19 No	0 Thermal Discharging
SMT082	403	'3060323_/_9136005_2'		10	10	10	0	0.9	10	0.58 No	0 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over- Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SMT082	404	'441015299_/_423659830'		10	10	10	0	4.7	10	0.58 No	0 Thermal Discharging
SMT082	405	'2110090_/_2110087_2'		3.33	3.33	3.33	0	0.1	3.33	0.19 No	0 Thermal Discharging
SMT082	406	'2131657_/_423659863'		10	10	10	0	4.7	10	0.58 No	0 Thermal Discharging
SMT082	407	'2109195_/_423659890'		10	10	10	0	4.7	10	0.58 No	0 Thermal Discharging
SMT082	408	'423660282_/_423660284'		10	10	10	0	4.7	10	0.58 No	0 Thermal Discharging
SMT082	409	'43254310_/_43254312'		3.33	3.33	3.33	0	1	3.33	0.19 No	0 Thermal Discharging
SMT082	410	'7557471_/_9136005_1'		6.1	10	10	0	0.5	10	0.58 No	0 Thermal Discharging
SMT082	411	'3056899_/_3056896'		5.8	10	10	0	4.7	10	0.58 No	0 Thermal Discharging
SMT082	412	'423659915_/_423659912'		10	10	10	0	4.7	10	0.58 No	0 Thermal Discharging
SMT082	413	'409647335_/_409647332'		10	10	10	0	4.7	10	0.58 No	0 Thermal Discharging
SMT082	414	'409647743_/_409647730_1'		3.33	3.33	3.33	0	0.5	3.33	0.19 No	0 Thermal Discharging
SMT082	415	'3056846_/_3056843'		3.33	3.33	3.33	0	0.3	3.33	0.19 No	0 Thermal Discharging
SMT082	416	'2131645_/_409647730_2'		3.33	3.33	3.33	0	0.5	3.33	0.19 No	0 Thermal Discharging
SMT082	417	'126162579_/_126162597_2'		2.8	10	10	0	0.9	10	7.47 No	0 Thermal Discharging
SMT082	418	'409647361_/_409647358'		10	10	10	0	4.7	10	0.58 No	0 Thermal Discharging
SMT082	419	'409647381_/_409647378'		10	10	10	0	4.7	10	0.58 No	0 Thermal Discharging
SMT082	420	'7557472_/_7557469'		5	10	10	0	0.5	10	0.58 No	0 Thermal Discharging
SMT082	421	'3135253_/_3135264'		1.8	3.33	3.33	0	0.3	3.33	0.19 No	0 Thermal Discharging
SMT082	422	'3056865_/_3056863_1'		3.33	3.33	3.33	0	0.1	3.33	0.19 No	0 Thermal Discharging
SMT082	423	'409647401_/_409647398'		10	10	10	0	4.7	10	0.58 No	0 Thermal Discharging
SMT082	424	'3119585_/_3119582'		1.73	6.67	6.67	0	0.3	6.67	0.39 No	0 Thermal Discharging
SMT082	425	'2131671_/_2131668'		3.33	3.33	3.33	0	0.1	3.33	0.19 No	0 Thermal Discharging
SMT082	426	'409647421_/_409647418'		10	10	10	0	4.7	10	0.58 No	0 Thermal Discharging
SMT082	427	'3056916_/_3056913'		4.4	10	10	0	4.7	10	0.58 No	0 Thermal Discharging
SMT082	428	'3119447_/_3119498'		2.5	10	10	0	0.9	10	0.59 No	0 Thermal Discharging
SMT082	429	'3057234_/_3057245'		1.53	3.33	3.33	0	0.3	3.33	0.19 No	0 Thermal Discharging
SMT082	430	'409647441_/_409647438'		10	10	10	0	4.7	10	0.57 No	0 Thermal Discharging
SMT082	431	'409647461_/_409647458'		10	10	10	0	4.7	10	0.57 No	0 Thermal Discharging
SMT082	432	'3135280_/_3135277'		1.6	3.33	3.33	0	0.3	3.33	0.19 No	0 Thermal Discharging
SMT082	433	'3135055_/_3135251'		1.6	3.33	3.33	0	0.3	3.33	0.19 No	0 Thermal Discharging
SMT082	434	'405409047_/_405409012'		2.5	10	10	0	0.9	10	0.59 No	0 Thermal Discharging
SMT082	435	'409647481_/_409647478'		10	10	10	0	4.7	10	0.57 No	0 Thermal Discharging
SMT082	436	'409648030_/_409648007_1'		3.33	3.33	3.33	0	0.4	3.33	0.19 No	0 Thermal Discharging
SMT082	437	'409647501_/_409647498'		10	10	10	0	4.7	10	0.57 No	0 Thermal Discharging
SMT082	438	'409647521_/_409647518'		10	10	10	0	4.7	10	0.57 No	0 Thermal Discharging
SMT082	439	'3057235_/_3057232'		1.33	3.33	3.33	0	0.3	3.33	0.19 No	0 Thermal Discharging
SMT082	440	'409647541_/_409647538'		10	10	10	0	4.7	10	0.57 No	0 Thermal Discharging
SMT082	441	'43265418_/_3119444'		2.3	10	10	0	0.9	10	0.59 No	0 Thermal Discharging
SMT082	442	'409648010_/_409648007_2'		3.33	3.33	3.33	0	0.4	3.33	0.19 No	0 Thermal Discharging
SMT082	443	'2131684_/_2131681'		3.33	3.33	3.33	0	0.1	3.33	0.19 No	0 Thermal Discharging
SMT082	444	'409647561_/_409647558'		10	10	10	0	4.7	10	0.57 No	0 Thermal Discharging
SMT082	445	'3135306_/_3135303'		1.47	3.33	3.33	0	0.3	3.33	0.19 No	0 Thermal Discharging
SMT082	446	'3056933_/_3056930'		3.5	10	10	0	4.7	10	0.58 No	0 Thermal Discharging
SMT082	447	'426298453_/_603631197_1'		3.33	3.33	3.33	0	0.4	3.33	0.19 No	0 Thermal Discharging
SMT082	448	'426298447_/_409647895_1'		3.33	3.33	3.33	0	0.4	3.33	0.19 No	0 Thermal Discharging
SMT082	449	'409647607_/_409647604'		10	10	10	0	4.7	10	0.57 No	0 Thermal Discharging
SMT082	450	'3135293_/_3135290'		1.47	3.33	3.33	0	0.3	3.33	0.19 No	0 Thermal Discharging
SMT082	451	'3135069_/_3135053'		1.43	3.33	3.33	0	0.3	3.33	0.19 No	0 Thermal Discharging
SMT082	452	'3057075_/_3057085_1'		1.2	3.33	3.33	0	0.3	3.33	0.19 No	0 Thermal Discharging
SMT082	453	'409647627_/_409647624'		10	10	10	0	4.7	10	0.57 No	0 Thermal Discharging
SMT082	454	'441015105_/_409647809_2'		3.33	3.33	3.33	0	1.4	3.33	0.19 No	0 Thermal Discharging
SMT082	455	'43265406_/_3119597'		1.53	6.67	6.67	0	0.3	6.67	0.39 No	0 Thermal Discharging
SMT082	456	'409647773_/_409647809_1'		3.33	3.33	3.33	0	0.4	3.33	0.19 No	0 Thermal Discharging
SMT082	457	'409648377_/_409648374'		10	10	10	0	4.7	10	0.57 No	0 Thermal Discharging
SMT082	458	'2108600_/_409647895_2'		3.33	3.33	3.33	0	0.4	3.33	0.19 No	0 Thermal Discharging
SMT082	459	'409648397_/_409648394'		10	10	10	0	4.7	10	0.57 No	0 Thermal Discharging
SMT082	460	'3135202_/_3135199'		1.37	3.33	3.33	0	0.3	3.33	0.19 No	0 Thermal Discharging
SMT082	461	'603631200_/_603631197_2'		3.33	3.33	3.33	0	0.4	3.33	0.19 No	0 Thermal Discharging
SMT082	462	'67383562_/_3135238_2'		1.37	3.33	3.33	0	0.3	3.33	0.19 No	0 Thermal Discharging
SMT082	463	'2131658_/_2131655'		3.33	3.33	3.33	0	1.1	3.33	0.19 No	0 Thermal Discharging
SMT082	464	'409648417_/_409648414'		10	10	10	0	4.7	10	0.57 No	0 Thermal Discharging
SMT082	465	'441015247_/_409648434'		10	10	10	0	4.7	10	0.57 No	0 Thermal Discharging
SMT082	466	'409648463_/_409648460'		10	10	10	0	4.7	10	0.57 No	0 Thermal Discharging
SMT082	467	'3134987_/_3135212'		1.33	3.33	3.33	0	0.3	3.33	0.19 No	0 Thermal Discharging
SMT082	468	'423717429_/_2131616_2'		3.33	3.33	3.33	0	1	3.33	0.19 No	0 Thermal Discharging
SMT082	469	'409648483_/_409648480'		10	10	10	0	4.7	10	0.57 No	0 Thermal Discharging
SMT082	470	'3057041_/_3057038'		3	10	10	0	4.7	10	0.58 No	0 Thermal Discharging
SMT082	471	'423717389_/_43106103_1'		3.33	3.33	3.33	0	0.4	3.33	0.19 No	0 Thermal Discharging
SMT082	472	'409648503_/_409648500'		10	10	10	0	4.7	10	0.57 No	0 Thermal Discharging
SMT082	473	'68309889_/_3057055_1'		2.9	10	10	0	4.7	10	0.58 No	0 Thermal Discharging
SMT082	474	'2131040_/_409648546'		10	10	10	0	4.7	10	0.57 No	0 Thermal Discharging
SMT082	475	'3057088_/_3057085_2'		1	3.33	3.33	0	0.3	3.33	0.19 No	0 Thermal Discharging
SMT082	476	'409648564_/_409648561'		10	10	10	0	4.7	10	0.57 No	0 Thermal Discharging
SMT082	477	'3134974_/_3135238_1'		1.23	3.33	3.33	0	0.1	3.33	0.19 No	0 Thermal Discharging
SMT082	478	'409648584_/_409648581'		10	10	10	0	4.7	10	0.57 No	0 Thermal Discharging
SMT082	479	'8125915_/_409647779'		3.33	3.33	3.33	0	0.4	3.33	0.19 No	0 Thermal Discharging
SMT082	480	'2108724_/_43106103_2'		3.33	3.33	3.33	0	0.4	3.33	0.19 No	0 Thermal Discharging
SMT082	481	'409648604_/_409648601'		10	10	10	0	4.7	10	0.57 No	0 Thermal Discharging
SMT082	482	'3057315_/_3057350'		1.43	3.33	3.33	0	0.3	3.33	0.19 No	0 Thermal Discharging
SMT082	483	'409648623_/_409648621'		10	10	10	0	4.7	10	0.57 No	0 Thermal Discharging
SMT082	484	'2131619_/_2131616_1'		3.33	3.33	3.33	0	0.4	3.33	0.19 No	0 Thermal Discharging
SMT082	485	'43106079_/_43106081'		3.33	3.33	3.33	0	0.4	3.33	0.19 No	0 Thermal Discharging
SMT082	486	'423717685_/_423717682'		10	10	10	0	4.7	10	0.57 No	0 Thermal Discharging
SMT082	487	'3134988_/_3134985'		1.17	3.33	3.33	0	0.3	3.33	0.19 No	0 Thermal Discharging
SMT082	488	'423717705_/_423717702'		10	10	10	0	4.7	10	0.57 No	0 Thermal Discharging
SMT082	489	'3135004_/_3135001'		1.17	3.33	3.33	0	0.3	3.33	0.19 No	0 Thermal Discharging
SMT082	490	'43254214_/_3057055_2'		2.6	10	10	0	4.7	10	0.58 No	0 Thermal Discharging
SMT082	491	'136240210_/_136240161_1'		2.6	10	10	0	1.4	10	0.58 No	0 Thermal Discharging
SMT082	492	'423717725_/_423717722'		10	10	10	0	4.7	10	0.57 No	0 Thermal Discharging
SMT082	493	'3119614_/_43265408'		1.33	6.67	6.67	0	0.3	6.67	0.39 No	0 Thermal Discharging
SMT082	494	'423717745_/_423717742'		10	10	10	0	4.7	10	0.57 No	0 Thermal Discharging
SMT082	495	'3057147_/_3057144'		1.4	3.33	3.33	0	1	3.33	0.19 No	0 Thermal Discharging
SMT082	496	'136240183_/_136240161_2'		2.6	10	10	0	1.4	10	0.58 No	0 Thermal Discharging
SMT082	497	'423718354_/_423718351'		10	10	10	0	4.7	10	0.57 No	0 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SMT082	498	'3134975_/_3134972'		1.1	3.33	3.33	0	0.1	3.33	0.19 No	0 Thermal Discharging
SMT082	499	'136240164_/_136240161_3'		2.5	10	10	0	1.4	10	0.58 No	0 Thermal Discharging
SMT082	500	'423718374_/_423718371'		10	10	10	0	4.7	10	0.57 No	0 Thermal Discharging
SMT082	501	'7800879_/_9698104'		3.33	3.33	3.33	0	0.4	3.33	0.19 No	0 Thermal Discharging
SMT082	502	'423718394_/_423718391'		10	10	10	0	4.7	10	0.57 No	0 Thermal Discharging
SMT082	503	'43106090_/_43106092'		3.33	3.33	3.33	0	0.4	3.33	0.19 No	0 Thermal Discharging
SMT082	504	'423718414_/_423718411'		10	10	10	0	4.7	10	0.57 No	0 Thermal Discharging
SMT082	505	'3057024_/_3057021'		2.4	10	10	0	4.7	10	0.58 No	0 Thermal Discharging
SMT082	506	'423718434_/_423718431'		10	10	10	0	4.7	10	0.57 No	0 Thermal Discharging
SMT082	507	'3135017_/_3135014'		1.07	3.33	3.33	0	0.3	3.33	0.19 No	0 Thermal Discharging
SMT082	508	'3135043_/_3135040'		1.07	3.33	3.33	0	0.3	3.33	0.19 No	0 Thermal Discharging
SMT082	509	'419916470_/_419916467'		10	10	10	0	4.7	10	0.57 No	0 Thermal Discharging
SMT082	510	'43268001_/_3135079'		1.03	3.33	3.33	0	0.1	3.33	0.19 No	0 Thermal Discharging
SMT082	511	'419916490_/_419916487'		10	10	10	0	4.7	10	0.57 No	0 Thermal Discharging
SMT082	512	'419916510_/_419916507'		10	10	10	0	4.7	10	0.57 No	0 Thermal Discharging
SMT082	513	'419916530_/_419916527'		10	10	10	0	4.7	10	0.57 No	0 Thermal Discharging
SMT082	514	'3057316_/_3057313'		1.1	3.33	3.33	0	0.3	3.33	0.19 No	0 Thermal Discharging
SMT082	515	'419916550_/_419916547'		10	10	10	0	4.7	10	0.57 No	0 Thermal Discharging
SMT082	516	'3118985_/_7120065'		1.2	3.33	3.33	0	1	3.33	0.19 No	0 Thermal Discharging
SMT082	517	'3135082_/_43268003'		1	3.33	3.33	0	0.1	3.33	0.19 No	0 Thermal Discharging
SMT082	518	'2110128_/_7120042'		2.2	10	10	0	4.7	10	0.58 No	0 Thermal Discharging
SMT082	519	'419916570_/_419916567'		10	10	10	0	4.7	10	0.57 No	0 Thermal Discharging
SMT082	520	'419916590_/_419916587'		10	10	10	0	4.7	10	0.57 No	0 Thermal Discharging
SMT082	521	'441015510_/_419916729_1'		3.33	3.33	3.33	0	0.4	3.33	0.19 No	0 Thermal Discharging
SMT082	522	'3119615_/_3119612'		1.13	6.67	6.67	0	0.3	6.67	0.39 No	0 Thermal Discharging
SMT082	523	'419916799_/_419916766_1'		3.33	3.33	3.33	0	0.4	3.33	0.19 No	0 Thermal Discharging
SMT082	524	'419916872_/_419916869'		10	10	10	0	4.7	10	0.57 No	0 Thermal Discharging
SMT082	525	'419916892_/_419916889'		10	10	10	0	4.7	10	0.57 No	0 Thermal Discharging
SMT082	526	'419916912_/_419916909'		10	10	10	0	4.7	10	0.57 No	0 Thermal Discharging
SMT082	527	'419916932_/_419916929'		10	10	10	0	4.7	10	0.57 No	0 Thermal Discharging
SMT082	528	'426298202_/_419916949_1'		10	10	10	0	4.7	10	0.57 No	0 Thermal Discharging
SMT082	529	'419916952_/_419916949_2'		10	10	10	0	4.7	10	0.57 No	0 Thermal Discharging
SMT082	530	'2107968_/_419916729_2'		3.33	3.33	3.33	0	0.4	3.33	0.19 No	0 Thermal Discharging
SMT082	531	'419917018_/_419917016'		10	10	10	0	4.7	10	0.57 No	0 Thermal Discharging
SMT082	532	'2110129_/_2110126'		2	10	10	0	4.7	10	0.58 No	0 Thermal Discharging
SMT082	533	'419917039_/_419917036'		10	10	10	0	4.7	10	0.57 No	0 Thermal Discharging
SMT082	534	'425698246_/_425698243'		10	10	10	0	4.7	10	0.56 No	0 Thermal Discharging
SMT082	535	'425698507_/_425698488'		10	10	10	0	4.7	10	0.56 No	0 Thermal Discharging
SMT082	536	'471696999_/_3118983'		1.03	3.33	3.33	0	1	3.33	0.19 No	0 Thermal Discharging
SMT082	537	'673883388_/_3057330_1'		0.9	3.33	3.33	0	0.3	3.33	0.19 No	0 Thermal Discharging
SMT082	538	'425859188_/_425698516'		10	10	10	0	4.7	10	0.56 No	0 Thermal Discharging
SMT082	539	'432544339_/_3057258_3'		0.9	3.33	3.33	0	0.3	3.33	0.19 No	0 Thermal Discharging
SMT082	540	'425859228_/_425859209'		10	10	10	0	4.7	10	0.56 No	0 Thermal Discharging
SMT082	541	'43109426_/_419916766_2'		3.33	3.33	3.33	0	0.4	3.33	0.19 No	0 Thermal Discharging
SMT082	542	'7800880_/_7800877'		1.03	3.33	3.33	0	0.4	3.33	0.19 No	0 Thermal Discharging
SMT082	543	'3057261_/_3057258_2'		0.9	3.33	3.33	0	0.3	3.33	0.19 No	0 Thermal Discharging
SMT082	544	'2110149_/_2110146'		1.8	10	10	0	4.7	10	0.58 No	0 Thermal Discharging
SMT082	545	'425859333_/_425859314'		10	10	10	0	4.7	10	0.56 No	0 Thermal Discharging
SMT082	546	'2107969_/_2107966'		3.33	3.33	3.33	0	0.4	3.33	0.19 No	0 Thermal Discharging
SMT082	547	'3057260_/_3057258_1'		0.87	3.33	3.33	0	0.1	3.33	0.19 No	0 Thermal Discharging
SMT082	548	'425859361_/_425859342'		10	10	10	0	4.7	10	0.56 No	0 Thermal Discharging
SMT082	549	'425859394_/_425859370'		10	10	10	0	4.7	10	0.56 No	0 Thermal Discharging
SMT082	550	'425859422_/_425859403'		10	10	10	0	4.7	10	0.56 No	0 Thermal Discharging
SMT082	551	'3118358_/_471697003'		0.97	3.33	3.33	0	1	3.33	0.19 No	0 Thermal Discharging
SMT082	552	'425859461_/_425859437'		10	10	10	0	4.7	10	0.56 No	0 Thermal Discharging
SMT082	553	'425859489_/_425859470'		10	10	10	0	4.7	10	0.56 No	0 Thermal Discharging
SMT082	554	'3057274_/_3057271'		0.83	3.33	3.33	0	0.1	3.33	0.19 No	0 Thermal Discharging
SMT082	555	'389150964_/_2107885_1'		10	10	10	0	0.5	10	0.56 No	0 Thermal Discharging
SMT082	556	'425859517_/_425859498'		10	10	10	0	4.7	10	0.56 No	0 Thermal Discharging
SMT082	557	'43109403_/_2107885_2'		10	10	10	0	0.5	10	0.56 No	0 Thermal Discharging
SMT082	558	'425859552_/_425859526'		10	10	10	0	4.7	10	0.56 No	0 Thermal Discharging
SMT082	559	'2105014_/_425859561'		10	10	10	0	4.7	10	0.56 No	0 Thermal Discharging
SMT082	560	'349879678_/_349879680'		10	10	10	0	4.7	10	0.56 No	0 Thermal Discharging
SMT082	561	'212017731_/_212017729'		10	10	10	0	4.7	10	0.56 No	0 Thermal Discharging
SMT082	562	'410711842_/_212017748_2'		10	10	10	0	4.7	10	0.56 No	0 Thermal Discharging
SMT082	563	'212017750_/_212017748_1'		10	10	10	0	4.7	10	0.56 No	0 Thermal Discharging
SMT082	564	'410711834_/_410711820_2'		10	10	10	0	4.7	10	0.56 No	0 Thermal Discharging
SMT082	565	'3118359_/_3118356'		0.9	3.33	3.33	0	1	3.33	0.19 No	0 Thermal Discharging
SMT082	566	'419192521_/_212017767'		10	10	10	0	4.7	10	0.56 No	0 Thermal Discharging
SMT082	567	'212017769_/_419193116'		10	10	10	0	4.7	10	0.56 No	0 Thermal Discharging
SMT082	568	'212017788_/_212017786'		10	10	10	0	4.7	10	0.56 No	0 Thermal Discharging
SMT082	569	'419192825_/_419192519'		10	10	10	0	4.7	10	0.56 No	0 Thermal Discharging
SMT082	570	'212017807_/_212017805'		10	10	10	0	4.7	10	0.56 No	0 Thermal Discharging
SMT082	571	'475407918_/_419192823'		10	10	10	0	4.7	10	0.56 No	0 Thermal Discharging
SMT082	572	'419192826_/_475407922'		10	10	10	0	4.7	10	0.56 No	0 Thermal Discharging
SMT082	573	'2110168_/_2110166'		1.6	10	10	0	4.7	10	0.57 No	0 Thermal Discharging
SMT082	574	'212017826_/_212017824'		10	10	10	0	4.7	10	0.56 No	0 Thermal Discharging
SMT082	575	'231270795_/_231270773_1'		10	10	10	0	4.7	10	0.56 No	0 Thermal Discharging
SMT082	576	'231270776_/_231270773_2'		10	10	10	0	4.7	10	0.56 No	0 Thermal Discharging
SMT082	577	'3057290_/_3057287'		0.77	3.33	3.33	0	0.1	3.33	0.19 No	0 Thermal Discharging
SMT082	578	'419192851_/_419192848'		10	10	10	0	4.7	10	0.56 No	0 Thermal Discharging
SMT082	579	'419192871_/_419192868'		10	10	10	0	4.7	10	0.56 No	0 Thermal Discharging
SMT082	580	'2107163_/_2107173'		10	10	10	0	0.5	10	0.56 No	0 Thermal Discharging
SMT082	581	'2105031_/_2105028'		10	10	10	0	4.7	10	0.56 No	0 Thermal Discharging
SMT082	582	'419192891_/_419192888'		10	10	10	0	4.7	10	0.56 No	0 Thermal Discharging
SMT082	583	'68309809_/_9698120'		0.77	3.33	3.33	0	0.4	3.33	0.19 No	0 Thermal Discharging
SMT082	584	'3118771_/_3118781'		0.83	3.33	3.33	0	1	3.33	0.19 No	0 Thermal Discharging
SMT082	585	'419192911_/_419192908'		10	10	10	0	4.7	10	0.56 No	0 Thermal Discharging
SMT082	586	'419192931_/_419192928'		10	10	10	0	4.7	10	0.56 No	0 Thermal Discharging
SMT082	587	'3057303_/_3057300'		0.73	3.33	3.33	0	0.1	3.33	0.19 No	0 Thermal Discharging
SMT082	588	'419192951_/_419192948'		10	10	10	0	4.7	10	0.56 No	0 Thermal Discharging
SMT082	589	'2110186_/_2110183'		1.5	10	10	0	4.7	10	0.57 No	0 Thermal Discharging
SMT082	590	'419192971_/_419192968'		10	10	10	0	4.7	10	0.56 No	0 Thermal Discharging
SMT082	591	'3118809_/_3118970'		0.8	3.33	3.33	0	1	3.33	0.19 No	0 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Over- Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SMT082	592	'2107188_/6821549741'		4.1	10	10	0	0.5	10	0.56 No	0 Thermal Discharging
SMT082	593	'419192991_/419192988'		10	10	10	0	4.7	10	0.56 No	0 Thermal Discharging
SMT082	594	'2107206_/107063403_2'		4	10	10	0	0.5	10	0.56 No	0 Thermal Discharging
SMT082	595	'451122949_/451122946'		3.7	10	10	0	0.5	10	0.56 No	0 Thermal Discharging
SMT082	596	'2105102_/2107399'		3.2	10	10	0	0.5	10	0.56 No	0 Thermal Discharging
SMT082	597	'2109627_/2110265'		1.3	10	10	0	4.7	10	0.57 No	0 Thermal Discharging
SMT082	598	'3118437_/3118755'		0.73	3.33	3.33	0	1	3.33	0.19 No	0 Thermal Discharging
SMT082	599	'2105085_/2105099'		2.8	10	10	0	0.5	10	0.56 No	0 Thermal Discharging
SMT082	600	'3118810_/3118807'		0.7	3.33	3.33	0	1	3.33	0.19 No	0 Thermal Discharging
SMT082	601	'2109250_/2109624'		1.3	10	10	0	4.7	10	0.57 No	0 Thermal Discharging
SMT082	602	'2105068_/2105082'		2.4	10	10	0	0.5	10	0.56 No	0 Thermal Discharging
SMT082	603	'2109136_/2109247'		1.2	10	10	0	4.7	10	0.57 No	0 Thermal Discharging
SMT082	604	'3118424_/3118434'		0.67	3.33	3.33	0	1	3.33	0.19 No	0 Thermal Discharging
SMT082	605	'2105051_/2105065'		2.2	10	10	0	0.5	10	0.56 No	0 Thermal Discharging
SMT082	606	'349940388_/118343770_1'		0.67	3.33	3.33	0	0.1	3.33	0.19 No	0 Thermal Discharging
SMT082	607	'2109119_/2109133'		1.2	10	10	0	4.7	10	0.57 No	0 Thermal Discharging
SMT082	608	'459171263_/2105048_1'		2	10	10	0	1.4	10	0.56 No	0 Thermal Discharging
SMT082	609	'2109102_/2109116'		1.1	10	10	0	4.7	10	0.57 No	0 Thermal Discharging
SMT082	610	'118343773_/118343770_2'		0.63	3.33	3.33	0	0.1	3.33	0.19 No	0 Thermal Discharging
SMT082	611	'118343794_/118343791'		0.6	3.33	3.33	0	0.1	3.33	0.19 No	0 Thermal Discharging
SMT082	612	'2109085_/2109099'		1.1	10	10	0	4.7	10	0.57 No	0 Thermal Discharging
SMT082	613	'118343809_/118343806'		0.57	3.33	3.33	0	0.1	3.33	0.19 No	0 Thermal Discharging
SMT082	614	'490774256_/118343869'		0.57	3.33	3.33	0	0.1	3.33	0.19 No	0 Thermal Discharging
SMT082	615	'3118411_/3118421'		0.57	3.33	3.33	0	1	3.33	0.19 No	0 Thermal Discharging
SMT082	616	'2109068_/2109082'		1	10	10	0	4.7	10	0.57 No	0 Thermal Discharging
SMT082	617	'118344157_/118344154'		0.57	3.33	3.33	0	0.1	3.33	0.19 No	0 Thermal Discharging
SMT082	618	'118343872_/490774191'		0.57	3.33	3.33	0	0.1	3.33	0.19 No	0 Thermal Discharging
SMT082	619	'490774244_/490774241'		0.57	3.33	3.33	0	0.1	3.33	0.19 No	0 Thermal Discharging
SMT082	620	'2109051_/2109065'		1	10	10	0	4.7	10	0.57 No	0 Thermal Discharging
SMT082	621	'118344178_/118344175'		0.53	3.33	3.33	0	0.1	3.33	0.19 No	0 Thermal Discharging
SMT082	622	'3118410_/3118408'		0.53	3.33	3.33	0	1	3.33	0.19 No	0 Thermal Discharging
SMT082	623	'8196016_/8196029_1'		0.53	3.33	3.33	0	0.1	3.33	0.19 No	0 Thermal Discharging
SMT082	624	'490774274_/490774271'		0.53	3.33	3.33	0	0.1	3.33	0.19 No	0 Thermal Discharging
SMT082	625	'118343887_/118343884'		0.53	3.33	3.33	0	0.1	3.33	0.19 No	0 Thermal Discharging
SMT082	626	'118344199_/118344196'		0.53	3.33	3.33	0	0.1	3.33	0.19 No	0 Thermal Discharging
SMT082	627	'2109031_/2109048'		0.9	10	10	0	4.7	10	0.57 No	0 Thermal Discharging
SMT082	628	'43265121_/43265123'		0.5	3.33	3.33	0	1	3.33	0.19 No	0 Thermal Discharging
SMT082	629	'118344220_/118344217'		0.5	3.33	3.33	0	0.1	3.28	0.19 No	0 Thermal Discharging
SMT082	630	'118344241_/118344238'		0.5	3.33	3.33	0	0.1	3.28	0.19 No	0 Thermal Discharging
SMT082	631	'2109014_/2109028'		0.9	9.7	10	0	4.7	9.91	0.57 No	0 Thermal Discharging
SMT082	632	'118344256_/118344253'		0.5	3.33	3.33	0	0.1	3.24	0.19 No	0 Thermal Discharging
SMT082	633	'118343902_/118343899'		0.5	3.33	3.33	0	0.1	3.24	0.19 No	0 Thermal Discharging
SMT082	634	'8196032_/8196029_2'		0.47	3.33	3.33	0	0.1	3.22	0.19 No	0 Thermal Discharging
SMT082	635	'2108997_/2109011'		0.9	9.3	10	0	4.7	9.64	0.57 No	0 Thermal Discharging
SMT082	636	'3118385_/3118395'		0.47	3.23	3.33	0	1	3.21	0.19 No	0 Thermal Discharging
SMT082	637	'118344271_/118344268'		0.47	3.33	3.33	0	0.1	3.15	0.19 No	0 Thermal Discharging
SMT082	638	'2108980_/2108994'		0.8	8.8	10	0	4.7	9.39	0.57 No	0 Thermal Discharging
SMT082	639	'3118384_/3118382'		0.43	2.97	3.33	0	1	3.06	0.19 No	0 Thermal Discharging
SMT082	640	'3118505_/3118515_1'		0.43	2.97	3.33	0	0.1	3.05	0.19 No	0 Thermal Discharging
SMT082	641	'2108963_/2108977'		0.8	8.5	10	0	4.7	9.16	0.56 No	0 Thermal Discharging
SMT082	642	'2109331_/2109329_1'		0.27	2.83	3.33	0	0.3	3.05	0.19 No	0 Thermal Discharging
SMT082	643	'409871041_/3118515_2'		0.43	2.97	3.33	0	0.1	3.04	0.19 No	0 Thermal Discharging
SMT082	644	'2108946_/2108960'		0.8	8.2	10	0	4.7	8.95	0.56 No	0 Thermal Discharging
SMT082	645	'3118476_/3118473'		0.4	2.87	3.33	0	0.1	2.95	0.19 No	0 Thermal Discharging
SMT082	646	'3118475_/3118515_3'		0.4	2.83	3.33	0	0.1	2.96	0.19 No	0 Thermal Discharging
SMT082	647	'2109332_/2109329_2'		0.27	2.7	3.33	0	0.3	2.94	0.19 No	0 Thermal Discharging
SMT082	648	'3118677_/3118687'		0.4	2.8	3.33	0	1	2.92	0.19 No	0 Thermal Discharging
SMT082	649	'2108929_/2108943'		0.7	7.9	10	0	4.7	8.75	0.56 No	0 Thermal Discharging
SMT082	650	'2109358_/2109355'		0.27	2.6	3.33	0	0.3	2.86	0.19 No	0 Thermal Discharging
SMT082	651	'2108912_/2108926'		0.7	7.6	10	0	4.7	8.59	0.56 No	0 Thermal Discharging
SMT082	652	'43265132_/3118541'		0.4	2.67	3.33	0	0.1	2.84	0.19 No	0 Thermal Discharging
SMT082	653	'3118664_/3118674'		0.4	2.63	3.33	0	1	2.82	0.19 No	0 Thermal Discharging
SMT082	654	'3118489_/3118486'		0.4	2.63	3.33	0	0.1	2.81	0.19 No	0 Thermal Discharging
SMT082	655	'2108892_/2108909'		0.7	7.4	10	0	4.7	8.43	0.56 No	0 Thermal Discharging
SMT082	656	'43265217_/43265219'		0.37	2.57	3.33	0	0.1	2.76	0.19 No	0 Thermal Discharging
SMT082	657	'43106066_/2108889'		0.7	7.2	10	0	4.7	8.28	0.56 No	0 Thermal Discharging
SMT082	658	'3119017_/3119015'		0.37	2.5	3.33	0	0.1	2.72	0.19 No	0 Thermal Discharging
SMT082	659	'3118531_/43265134'		0.37	2.5	3.33	0	0.1	2.72	0.19 No	0 Thermal Discharging
SMT082	660	'3118651_/3118661'		0.37	2.5	3.33	0	1	2.72	0.19 No	0 Thermal Discharging
SMT082	661	'2108855_/2108869'		0.7	6.9	10	0	4.5	8.06	0.56 No	0 Thermal Discharging
SMT082	662	'2108838_/2108852'		0.6	6.7	10	0	4.5	7.88	0.56 No	0 Thermal Discharging
SMT082	663	'3118635_/3118648'		0.33	2.33	3.33	0	1	2.6	0.19 No	0 Thermal Discharging
SMT082	664	'7135703_/3118632_2'		0.33	2.33	3.33	0	1	2.6	0.19 No	0 Thermal Discharging
SMT082	665	'43266959_/3130507'		0.33	2.33	3.33	0	0.1	2.6	0.19 No	0 Thermal Discharging
SMT082	666	'2108821_/2108835'		0.6	6.5	10	0	4.5	7.74	0.56 No	0 Thermal Discharging
SMT082	667	'2109266_/2109264_1'		0.6	6.5	10	0	0.9	7.72	0.56 No	0 Thermal Discharging
SMT082	668	'2108804_/2108818'		0.6	6.4	10	0	4.5	7.63	0.56 No	0 Thermal Discharging
SMT082	669	'44057426_/7135701'		0.33	2.23	3.33	0	1	2.51	0.19 No	0 Thermal Discharging
SMT082	670	'2108787_/2108801'		0.6	6.3	10	0	4.5	7.53	0.56 No	0 Thermal Discharging
SMT082	671	'3130497_/3130494'		0.33	2.2	3.33	0	0.1	2.5	0.19 No	0 Thermal Discharging
SMT082	672	'3118622_/3118632_1'		0.33	2.2	3.33	0	1	2.49	0.19 No	0 Thermal Discharging
SMT082	673	'7135704_/44057428'		0.33	2.2	3.33	0	1	2.47	0.19 No	0 Thermal Discharging
SMT082	674	'2108770_/2108784'		0.6	6.2	10	0	4.5	7.42	0.56 No	0 Thermal Discharging
SMT082	675	'2109267_/2109264_2'		0.6	6	10	0	0.9	7.33	0.56 No	0 Thermal Discharging
SMT082	676	'2108750_/2108767'		0.6	6.1	10	0	4.5	7.32	0.56 No	0 Thermal Discharging
SMT082	677	'3118556_/3118619'		0.3	2.1	3.33	0	1	2.41	0.18 No	0 Thermal Discharging
SMT082	678	'3118557_/3118567_2'		0.3	2.07	3.33	0	1	2.4	0.18 No	0 Thermal Discharging
SMT082	679	'3141072_/3141069'		0.3	2.1	3.33	0	0.1	2.4	0.18 No	0 Thermal Discharging
SMT082	680	'2108749_/2108747'		0.6	5.9	10	0	4.5	7.2	0.56 No	0 Thermal Discharging
SMT082	681	'2108463_/2109657'		0.6	5.9	10	0	4.5	7.17	0.56 No	0 Thermal Discharging
SMT082	682	'2108443_/2108461'		0.5	5.8	10	0	4.5	7.09	0.56 No	0 Thermal Discharging
SMT082	683	'3118732_/3118742'		0.3	2	3.33	0	1	2.33	0.18 No	0 Thermal Discharging
SMT082	684	'3118569_/3118567_1'		0.3	2	3.33	0	0.1	2.32	0.18 No	0 Thermal Discharging
SMT082	685	'2108426_/2108441'		0.5	5.7	10	0	4.5	6.96	0.55 No	0 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SMT082	686	'2108562_/_2108572_2'		0.2	1.9	3.33	0	1.1	2.32	0.18 No	0 Thermal Discharging
SMT082	687	'3141085_/_3141082'		0.3	1.97	3.33	0	0.1	2.31	0.18 No	0 Thermal Discharging
SMT082	688	'43105871_/_2108572_1'		0.2	1.87	3.33	0	1.1	2.31	0.18 No	0 Thermal Discharging
SMT082	689	'3141178_/_3141202'		0.3	1.93	3.33	0	0.1	2.26	0.18 No	0 Thermal Discharging
SMT082	690	'8824944_/_9455000_2'		0.3	1.93	3.33	0	0.1	2.26	0.18 No	0 Thermal Discharging
SMT082	691	'2108409_/_2108424'		0.5	5.5	10	0	4.5	6.82	0.55 No	0 Thermal Discharging
SMT082	692	'3118716_/_3118729'		0.3	1.9	3.33	0	1	2.25	0.18 No	0 Thermal Discharging
SMT082	693	'53675295_/_53675265_1'		0.3	1.9	3.33	0	0.1	2.25	0.18 No	0 Thermal Discharging
SMT082	694	'3141179_/_3141176'		0.3	1.9	3.33	0	0.1	2.24	0.18 No	0 Thermal Discharging
SMT082	695	'3141098_/_3141095'		0.3	1.9	3.33	0	0.1	2.24	0.18 No	0 Thermal Discharging
SMT082	696	'44060951_/_7142496'		0.27	1.9	3.33	0	1	2.24	0.18 No	0 Thermal Discharging
SMT082	697	'53675153_/_44060953_1'		0.27	1.9	3.33	0	0.1	2.24	0.18 No	0 Thermal Discharging
SMT082	698	'3118583_/_3118580'		0.27	1.87	3.33	0	0.1	2.23	0.18 No	0 Thermal Discharging
SMT082	699	'9139739_/_9455000_1'		0.3	1.9	3.33	0	0.1	2.22	0.18 No	0 Thermal Discharging
SMT082	700	'2108392_/_2108407'		0.5	5.4	10	0	4.5	6.69	0.55 No	0 Thermal Discharging
SMT082	701	'2108549_/_2108559'		0.2	1.8	3.33	0	1.1	2.22	0.18 No	0 Thermal Discharging
SMT082	702	'44061443_/_44060953_2'		0.27	1.83	3.33	0	0.1	2.2	0.18 No	0 Thermal Discharging
SMT082	703	'53675258_/_53675265_2'		0.27	1.83	3.33	0	0.1	2.19	0.18 No	0 Thermal Discharging
SMT082	704	'3141218_/_3141215'		0.27	1.83	3.33	0	0.1	2.18	0.18 No	0 Thermal Discharging
SMT082	705	'2108375_/_2108390'		0.5	5.2	10	0	4.5	6.57	0.55 No	0 Thermal Discharging
SMT082	706	'3118703_/_3118713'		0.27	1.83	3.33	0	1	2.18	0.18 No	0 Thermal Discharging
SMT082	707	'3141114_/_3141111'		0.27	1.83	3.33	0	0.1	2.18	0.18 No	0 Thermal Discharging
SMT082	708	'7561143_/_7561140_2'		0.27	1.8	3.33	0	0.1	2.17	0.18 No	0 Thermal Discharging
SMT082	709	'7142499_/_44061445'		0.27	1.8	3.33	0	0.1	2.16	0.18 No	0 Thermal Discharging
SMT082	710	'7561142_/_7561140_1'		0.27	1.8	3.33	0	0.1	2.15	0.18 No	0 Thermal Discharging
SMT082	711	'3118596_/_3118593'		0.27	1.77	3.33	0	0.1	2.14	0.18 No	0 Thermal Discharging
SMT082	712	'2108358_/_2108373'		0.5	5.1	10	0	4.5	6.46	0.55 No	0 Thermal Discharging
SMT082	713	'2108536_/_2108546'		0.2	1.7	3.33	0	1.1	2.15	0.18 No	0 Thermal Discharging
SMT082	714	'3141192_/_3141189'		0.27	1.8	3.33	0	0.1	2.13	0.18 No	0 Thermal Discharging
SMT082	715	'8824260_/_9139737'		0.27	1.8	3.33	0	0.1	2.13	0.18 No	0 Thermal Discharging
SMT082	716	'3118702_/_3118700'		0.27	1.77	3.33	0	1	2.13	0.18 No	0 Thermal Discharging
SMT082	717	'644405893_/_8824258'		0.27	1.77	3.33	0	0.1	2.12	0.18 No	0 Thermal Discharging
SMT082	718	'3141139_/_3141150'		0.27	1.77	3.33	0	0.1	2.12	0.18 No	0 Thermal Discharging
SMT082	719	'2108338_/_2108356'		0.5	5	10	0	4.5	6.35	0.55 No	0 Thermal Discharging
SMT082	720	'644405861_/_644405922'		0.27	1.73	3.33	0	0.1	2.09	0.18 No	0 Thermal Discharging
SMT082	721	'3141126_/_3141137'		0.27	1.73	3.33	0	0.1	2.08	0.18 No	0 Thermal Discharging
SMT082	722	'2108523_/_2108533'		0.2	1.63	3.33	0	1.1	2.08	0.18 No	0 Thermal Discharging
SMT082	723	'2108321_/_2108336'		0.5	4.9	10	0	4.5	6.25	0.55 No	0 Thermal Discharging
SMT082	724	'2109814_/_7119978'		0.27	1.7	3.33	0	1	2.06	0.18 No	0 Thermal Discharging
SMT082	725	'644405830_/_644405877'		0.27	1.7	3.33	0	0.1	2.06	0.18 No	0 Thermal Discharging
SMT082	726	'43265143_/_3118606'		0.27	1.7	3.33	0	0.1	2.06	0.18 No	0 Thermal Discharging
SMT082	727	'8196239_/_9454984'		0.27	1.7	3.33	0	0.1	2.06	0.18 No	0 Thermal Discharging
SMT082	728	'3135678_/_3141124'		0.27	1.7	3.33	0	0.1	2.04	0.18 No	0 Thermal Discharging
SMT082	729	'2108304_/_2108319'		0.4	4.8	10	0	4.5	6.15	0.55 No	0 Thermal Discharging
SMT082	730	'3135665_/_3135676'		0.27	1.67	3.33	0	0.1	2	0.18 No	0 Thermal Discharging
SMT082	731	'2108510_/_2108520'		0.2	1.57	3.33	0	1.1	2.02	0.18 No	0 Thermal Discharging
SMT082	732	'2108288_/_2108302'		0.4	4.7	10	0	4.5	6.05	0.55 No	0 Thermal Discharging
SMT082	733	'2109801_/_2109811'		0.23	1.63	3.33	0	1	2	0.18 No	0 Thermal Discharging
SMT082	734	'8824261_/_644405834'		0.23	1.63	3.33	0	0.1	2	0.18 No	0 Thermal Discharging
SMT082	735	'2108271_/_2108285'		0.4	4.6	10	0	4.5	5.96	0.55 No	0 Thermal Discharging
SMT082	736	'3118609_/_43265145'		0.23	1.6	3.33	0	0.1	1.98	0.18 No	0 Thermal Discharging
SMT082	737	'3135545_/_3135663'		0.23	1.63	3.33	0	0.1	1.97	0.18 No	0 Thermal Discharging
SMT082	738	'2109800_/_2109798'		0.23	1.6	3.33	0	1	1.97	0.18 No	0 Thermal Discharging
SMT082	739	'458366226_/_43106246_2'		0.23	1.6	3.33	0	1	1.97	0.18 No	0 Thermal Discharging
SMT082	740	'8196240_/_8196237'		0.23	1.6	3.33	0	0.1	1.97	0.18 No	0 Thermal Discharging
SMT082	741	'763743411_/_9138967'		0.23	1.6	3.33	0	0.1	1.96	0.18 No	0 Thermal Discharging
SMT082	742	'2108232_/_2108507'		0.2	1.53	3.33	0	1.1	1.96	0.18 No	0 Thermal Discharging
SMT082	743	'87573846_/_87573851'		0.23	1.57	3.33	0	0.1	1.95	0.18 No	0 Thermal Discharging
SMT082	744	'87573925_/_87573936'		0.23	1.57	3.33	0	0.1	1.95	0.18 No	0 Thermal Discharging
SMT082	745	'3135546_/_3135543'		0.23	1.6	3.33	0	0.1	1.93	0.18 No	0 Thermal Discharging
SMT082	746	'87573879_/_87573950'		0.23	1.57	3.33	0	0.1	1.94	0.18 No	0 Thermal Discharging
SMT082	747	'43106244_/_43106246_1'		0.23	1.53	3.33	0	0.3	1.91	0.18 No	0 Thermal Discharging
SMT082	748	'9138970_/_763743433'		0.23	1.53	3.33	0	0.1	1.9	0.18 No	0 Thermal Discharging
SMT082	749	'3135559_/_3135556'		0.23	1.57	3.33	0	0.1	1.9	0.18 No	0 Thermal Discharging
SMT082	750	'2108231_/_2108229'		0.2	1.47	3.33	0	1.1	1.9	0.18 No	0 Thermal Discharging
SMT082	751	'3135572_/_3135569'		0.23	1.53	3.33	0	0.1	1.87	0.18 No	0 Thermal Discharging
SMT082	752	'560265577_/_560265526_1'		0.23	1.53	3.33	0	0.1	1.86	0.18 No	0 Thermal Discharging
SMT082	753	'2109787_/_2109889'		0.23	1.47	3.33	0	0.3	1.85	0.18 No	0 Thermal Discharging
SMT082	754	'2109646_/_2109644'		0.2	1.43	3.33	0	1.1	1.85	0.18 No	0 Thermal Discharging
SMT082	755	'3135585_/_3135582'		0.23	1.5	3.33	0	0.1	1.83	0.18 No	0 Thermal Discharging
SMT082	756	'7874003_/_87574005'		0.23	1.47	3.33	0	0.1	1.84	0.18 No	0 Thermal Discharging
SMT082	757	'43106222_/_43106224'		0.2	1.4	3.33	0	1.1	1.83	0.18 No	0 Thermal Discharging
SMT082	758	'109443093_/_109443207'		0.23	1.47	3.33	0	0.1	1.83	0.18 No	0 Thermal Discharging
SMT082	759	'109443078_/_109443089'		0.23	1.47	3.33	0	0.1	1.83	0.18 No	0 Thermal Discharging
SMT082	760	'109443079_/_109443075'		0.23	1.47	3.33	0	0.1	1.83	0.18 No	0 Thermal Discharging
SMT082	761	'109443106_/_109443110'		0.23	1.47	3.33	0	0.1	1.83	0.18 No	0 Thermal Discharging
SMT082	762	'109443121_/_109443117'		0.23	1.47	3.33	0	0.1	1.83	0.18 No	0 Thermal Discharging
SMT082	763	'3135598_/_3135595'		0.23	1.5	3.33	0	0.1	1.82	0.18 No	0 Thermal Discharging
SMT082	764	'353321707_/_353321683_1'		0.23	1.5	3.33	0	0.1	1.81	0.18 No	0 Thermal Discharging
SMT082	765	'560265510_/_560265526_2'		0.23	1.5	3.33	0	0.1	1.81	0.18 No	0 Thermal Discharging
SMT082	766	'2108258_/_2108255'		0.2	1.4	3.33	0	1.1	1.82	0.18 No	0 Thermal Discharging
SMT082	767	'43268025_/_3135608'		0.23	1.5	3.33	0	0.1	1.8	0.18 No	0 Thermal Discharging
SMT082	768	'2109788_/_2109785'		0.2	1.43	3.33	0	0.3	1.81	0.18 No	0 Thermal Discharging
SMT082	769	'2108244_/_2108242'		0.2	1.37	3.33	0	1.1	1.81	0.18 No	0 Thermal Discharging
SMT082	770	'3135611_/_43268027'		0.23	1.47	3.33	0	0.1	1.79	0.18 No	0 Thermal Discharging
SMT082	771	'420645589_/_8196253'		0.2	1.43	3.33	0	0.1	1.79	0.18 No	0 Thermal Discharging
SMT082	772	'2109585_/_2109595'		0.2	1.37	3.33	0	1.1	1.79	0.18 No	0 Thermal Discharging
SMT082	773	'3135627_/_3135624'		0.23	1.47	3.33	0	0.1	1.77	0.18 No	0 Thermal Discharging
SMT082	774	'2109775_/_2109876'		0.2	1.4	3.33	0	0.3	1.77	0.18 No	0 Thermal Discharging
SMT082	775	'353321664_/_353321683_2'		0.2	1.43	3.33	0	0.1	1.76	0.18 No	0 Thermal Discharging
SMT082	776	'2109866_/_2109863_2'		0.2	1.37	3.33	0	0.3	1.76	0.18 No	0 Thermal Discharging
SMT082	777	'43268036_/_3135637'		0.2	1.43	3.33	0	0.1	1.74	0.18 No	0 Thermal Discharging
SMT082	778	'2109572_/_2109582'		0.2	1.33	3.33	0	1.1	1.75	0.18 No	0 Thermal Discharging
SMT082	779	'2109853_/_2109863_1'		0.2	1.37	3.33	0	0.1	1.73	0.18 No	0 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SMT082	780	'7873971_/_7874001'		0.2	1.37	3.33	0	0.1	1.73	0.18 No	0 Thermal Discharging
SMT082	781	'7873988_/_7873985'		0.2	1.33	3.33	0	0.1	1.71	0.18 No	0 Thermal Discharging
SMT082	782	'2109840_/_2109850'		0.2	1.33	3.33	0	0.1	1.7	0.18 No	0 Thermal Discharging
SMT082	783	'2109559_/_2109569'		0.2	1.3	3.33	0	1.1	1.7	0.18 No	0 Thermal Discharging
SMT082	784	'2109762_/_2109772'		0.2	1.3	3.33	0	0.3	1.69	0.18 No	0 Thermal Discharging
SMT082	785	'2109827_/_2109837'		0.2	1.27	3.33	0	0.1	1.66	0.18 No	0 Thermal Discharging
SMT082	786	'2109546_/_2109556'		0.2	1.23	3.33	0	1.1	1.66	0.18 No	0 Thermal Discharging
SMT082	787	'357172074_/_2109759_2'		0.2	1.27	3.33	0	0.3	1.65	0.18 No	0 Thermal Discharging
SMT082	788	'2109749_/_2109759_1'		0.2	1.27	3.33	0	0.3	1.65	0.18 No	0 Thermal Discharging
SMT082	789	'7560735_/_7873969'		0.2	1.27	3.33	0	0.1	1.64	0.18 No	0 Thermal Discharging
SMT082	790	'43106255_/_2109824'		0.2	1.27	3.33	0	0.1	1.63	0.18 No	0 Thermal Discharging
SMT082	791	'2109736_/_2109746'		0.2	1.23	3.33	0	0.3	1.62	0.18 No	0 Thermal Discharging
SMT082	792	'2109533_/_2109543'		0.2	1.2	3.33	0	1.1	1.61	0.18 No	0 Thermal Discharging
SMT082	793	'2109723_/_2109733'		0.17	1.23	3.33	0	0.3	1.6	0.18 No	0 Thermal Discharging
SMT082	794	'2109917_/_2109915'		0.17	1.23	3.33	0	0.1	1.59	0.18 No	0 Thermal Discharging
SMT082	795	'2109722_/_2109720'		0.17	1.2	3.33	0	0.3	1.58	0.18 No	0 Thermal Discharging
SMT082	796	'2109520_/_2109530'		0.2	1.17	3.33	0	1.1	1.58	0.18 No	0 Thermal Discharging
SMT082	797	'2109983_/_2109996'		0.17	1.2	3.33	0	0.1	1.57	0.18 No	0 Thermal Discharging
SMT082	798	'7560736_/_7560733'		0.17	1.2	3.33	0	0.1	1.56	0.18 No	0 Thermal Discharging
SMT082	799	'2109677_/_2110239'		0.17	1.2	3.33	0	0.3	1.56	0.18 No	0 Thermal Discharging
SMT082	800	'51086037_/_51086013_1'		0.17	1.17	3.33	0	0.1	1.55	0.18 No	0 Thermal Discharging
SMT082	801	'2109970_/_2109980'		0.17	1.17	3.33	0	0.1	1.54	0.18 No	0 Thermal Discharging
SMT082	802	'2100527_/_2109674'		0.17	1.17	3.33	0	0.3	1.53	0.18 No	0 Thermal Discharging
SMT082	803	'2109507_/_2109517'		0.17	1.13	3.33	0	1.1	1.53	0.18 No	0 Thermal Discharging
SMT082	804	'2109957_/_2109967'		0.17	1.17	3.33	0	0.1	1.52	0.18 No	0 Thermal Discharging
SMT082	805	'2110202_/_2110226'		0.17	1.13	3.33	0	0.1	1.52	0.18 No	0 Thermal Discharging
SMT082	806	'2100528_/_2100525'		0.17	1.13	3.33	0	0.3	1.5	0.18 No	0 Thermal Discharging
SMT082	807	'51086006_/_51086013_2'		0.17	1.13	3.33	0	0.1	1.5	0.18 No	0 Thermal Discharging
SMT082	808	'2109944_/_2109954'		0.17	1.13	3.33	0	0.1	1.49	0.18 No	0 Thermal Discharging
SMT082	809	'8196187_/_8196201'		0.17	1.13	3.33	0	0.1	1.49	0.18 No	0 Thermal Discharging
SMT082	810	'43106233_/_43106235'		0.17	1.1	3.33	0	1.1	1.49	0.18 No	0 Thermal Discharging
SMT082	811	'2110203_/_2110200'		0.17	1.13	3.33	0	0.1	1.48	0.18 No	0 Thermal Discharging
SMT082	812	'2100541_/_2100538'		0.17	1.1	3.33	0	0.3	1.46	0.18 No	0 Thermal Discharging
SMT082	813	'2109931_/_2109941'		0.17	1.1	3.33	0	0.1	1.46	0.18 No	0 Thermal Discharging
SMT082	814	'43106211_/_43106213'		0.17	1.07	3.33	0	1.1	1.46	0.18 No	0 Thermal Discharging
SMT082	815	'2110216_/_2110213'		0.17	1.1	3.33	0	0.1	1.45	0.18 No	0 Thermal Discharging
SMT082	816	'8196188_/_8196185'		0.17	1.1	3.33	0	0.1	1.44	0.18 No	0 Thermal Discharging
SMT082	817	'2109930_/_2109928'		0.17	1.07	3.33	0	0.1	1.43	0.18 No	0 Thermal Discharging
SMT082	818	'2100554_/_2100551'		0.17	1.07	3.33	0	0.3	1.43	0.18 No	0 Thermal Discharging
SMT082	819	'50514352_/_50514318'		0.17	1.07	3.33	0	0.1	1.43	0.18 No	0 Thermal Discharging
SMT082	820	'2109468_/_2109478'		0.17	1.03	3.33	0	1.1	1.42	0.18 No	0 Thermal Discharging
SMT082	821	'3118930_/_7120173'		0.17	1.07	3.33	0	0.1	1.41	0.18 No	0 Thermal Discharging
SMT082	822	'2100567_/_2100564'		0.17	1.03	3.33	0	0.3	1.4	0.18 No	0 Thermal Discharging
SMT082	823	'50514305_/_50514303'		0.17	1.03	3.33	0	0.1	1.4	0.18 No	0 Thermal Discharging
SMT082	824	'2109611_/_2109608'		0.17	1	3.33	0	1.1	1.39	0.18 No	0 Thermal Discharging
SMT082	825	'43106200_/_43106202'		0.17	1	3.33	0	1.1	1.39	0.18 No	0 Thermal Discharging
SMT082	826	'43106156_/_2100577'		0.17	1.03	3.33	0	0.3	1.38	0.18 No	0 Thermal Discharging
SMT082	827	'2100580_/_2100616_1'		0.1	0.63	3.33	0	1.1	1.38	0.18 No	0 Thermal Discharging
SMT082	828	'3118931_/_3118928'		0.13	1	3.33	0	0.1	1.36	0.18 No	0 Thermal Discharging
SMT082	829	'43106189_/_43106191'		0.17	1	3.33	0	1.1	1.36	0.18 No	0 Thermal Discharging
SMT082	830	'43106178_/_43106180'		0.13	0.97	3.33	0	1.1	1.33	0.18 No	0 Thermal Discharging
SMT082	831	'3118947_/_3118944'		0.13	0.97	3.33	0	0.1	1.33	0.18 No	0 Thermal Discharging
SMT082	832	'43106167_/_43106169'		0.13	0.93	3.33	0	1.1	1.31	0.18 No	0 Thermal Discharging
SMT082	833	'3118959_/_3118957'		0.13	0.97	3.33	0	0.1	1.3	0.18 No	0 Thermal Discharging
SMT082	834	'2124702_/_2124713'		0.13	0.9	3.33	0	1.1	1.27	0.18 No	0 Thermal Discharging
SMT082	835	'2124729_/_2124726_2'		0.13	0.9	3.33	0	1.1	1.27	0.18 No	0 Thermal Discharging
SMT082	836	'2107998_/_2124726_1'		0.13	0.9	3.33	0	0.2	1.26	0.18 No	0 Thermal Discharging
SMT082	837	'2109416_/_2124700'		0.13	0.9	3.33	0	1.1	1.25	0.18 No	0 Thermal Discharging
SMT082	838	'2107997_/_2107995'		0.13	0.87	3.33	0	0.2	1.23	0.18 No	0 Thermal Discharging
SMT082	839	'2109403_/_2109413'		0.13	0.87	3.33	0	1.1	1.23	0.18 No	0 Thermal Discharging
SMT082	840	'2100762_/_2109400'		0.13	0.87	3.33	0	1.1	1.2	0.18 No	0 Thermal Discharging
SMT082	841	'2108076_/_2108086'		0.13	0.87	3.33	0	0.2	1.2	0.18 No	0 Thermal Discharging
SMT082	842	'43106112_/_43106114'		0.13	0.83	3.33	0	1.1	1.19	0.18 No	0 Thermal Discharging
SMT082	843	'2108063_/_2108073'		0.13	0.83	3.33	0	0.2	1.18	0.18 No	0 Thermal Discharging
SMT082	844	'2100736_/_2100746'		0.13	0.83	3.33	0	1.1	1.16	0.18 No	0 Thermal Discharging
SMT082	845	'43105860_/_2108060'		0.13	0.83	3.33	0	0.2	1.16	0.18 No	0 Thermal Discharging
SMT082	846	'43106123_/_2100733'		0.13	0.8	3.33	0	1.1	1.14	0.18 No	0 Thermal Discharging
SMT082	847	'2108050_/_2108216'		0.13	0.8	3.33	0	0.2	1.14	0.18 No	0 Thermal Discharging
SMT082	848	'2108037_/_2108047'		0.13	0.8	3.33	0	0.2	1.12	0.18 No	0 Thermal Discharging
SMT082	849	'2108102_/_2108112_2'		0.13	0.8	3.33	0	0.2	1.12	0.18 No	0 Thermal Discharging
SMT082	850	'2100697_/_2100707'		0.13	0.8	3.33	0	1.1	1.12	0.18 No	0 Thermal Discharging
SMT082	851	'2100684_/_2100694'		0.13	0.8	3.33	0	1.1	1.11	0.18 No	0 Thermal Discharging
SMT082	852	'2108024_/_2108034'		0.13	0.77	3.33	0	0.2	1.11	0.18 No	0 Thermal Discharging
SMT082	853	'2108011_/_2108021'		0.13	0.77	3.33	0	0.2	1.1	0.18 No	0 Thermal Discharging
SMT082	854	'2108114_/_2108112_1'		0.13	0.77	3.33	0	0.1	1.1	0.18 No	0 Thermal Discharging
SMT082	855	'2107150_/_2108008'		0.13	0.77	3.33	0	0.2	1.1	0.18 No	0 Thermal Discharging
SMT082	856	'2100671_/_2100681'		0.13	0.77	3.33	0	1.1	1.1	0.18 No	0 Thermal Discharging
SMT082	857	'2107137_/_2107147'		0.13	0.77	3.33	0	0.2	1.1	0.18 No	0 Thermal Discharging
SMT082	858	'2107124_/_2107134'		0.13	0.77	3.33	0	0.2	1.09	0.18 No	0 Thermal Discharging
SMT082	859	'2107111_/_2107121'		0.13	0.77	3.33	0	0.2	1.09	0.18 No	0 Thermal Discharging
SMT082	860	'2107098_/_2107108'		0.13	0.77	3.33	0	0.2	1.08	0.18 No	0 Thermal Discharging
SMT082	861	'43106134_/_2100668'		0.1	0.77	3.33	0	1.1	1.09	0.18 No	0 Thermal Discharging
SMT082	862	'2107085_/_2107095'		0.13	0.8	3.33	0	0.2	1.08	0.18 No	0 Thermal Discharging
SMT082	863	'2108127_/_2108125'		0.13	0.77	3.33	0	0.1	1.08	0.18 No	0 Thermal Discharging
SMT082	864	'2107072_/_2107082'		0.13	0.8	3.33	0	0.2	1.08	0.18 No	0 Thermal Discharging
SMT082	865	'2107059_/_2107069'		0.13	0.8	3.33	0	0.2	1.07	0.18 No	0 Thermal Discharging
SMT082	866	'2107043_/_2107056'		0.13	0.8	3.33	0	0.2	1.07	0.18 No	0 Thermal Discharging
SMT082	867	'2100645_/_2100655'		0.1	0.77	3.33	0	1.1	1.07	0.18 No	0 Thermal Discharging
SMT082	868	'2106965_/_2107373'		0.13	0.8	3.33	0	0.2	1.06	0.18 No	0 Thermal Discharging
SMT082	869	'2107016_/_2107386'		0.13	0.8	3.33	0	0.2	1.06	0.18 No	0 Thermal Discharging
SMT082	870	'43105849_/_43105851'		0.13	0.8	3.33	0	0.2	1.06	0.18 No	0 Thermal Discharging
SMT082	871	'2108193_/_2108190'		0.13	0.73	3.33	0	0.1	1.07	0.18 No	0 Thermal Discharging
SMT082	872	'2106964_/_2106962'		0.13	0.8	3.33	0	0.2	1.06	0.18 No	0 Thermal Discharging
SMT082	873	'2108140_/_2108138'		0.13	0.73	3.33	0	0.1	1.06	0.18 No	0 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Over-Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SMT082	874	'2107042_/2107040'		0.13	0.8	3.33	0	0.2	1.06	0.18 No	0 Thermal Discharging
SMT082	875	'43105838_/2107014'		0.13	0.77	3.33	0	0.2	1.05	0.18 No	0 Thermal Discharging
SMT082	876	'2108206_/2108203'		0.13	0.73	3.33	0	0.1	1.05	0.18 No	0 Thermal Discharging
SMT082	877	'2100606_/2100642'		0.1	0.73	3.33	0	1.1	1.05	0.18 No	0 Thermal Discharging
SMT082	878	'2106910_/2106907'		0.13	0.77	3.33	0	0.2	1.04	0.18 No	0 Thermal Discharging
SMT082	879	'2100723_/2100720'		0.1	0.73	3.33	0	1.1	1.05	0.18 No	0 Thermal Discharging
SMT082	880	'2108153_/2108151'		0.13	0.73	3.33	0	0.1	1.04	0.18 No	0 Thermal Discharging
SMT082	881	'2106926_/2106923'		0.13	0.77	3.33	0	0.2	1.04	0.18 No	0 Thermal Discharging
SMT082	882	'2100593_/2100603'		0.1	0.73	3.33	0	1.1	1.03	0.18 No	0 Thermal Discharging
SMT082	883	'2106939_/2106936'		0.13	0.77	3.33	0	0.2	1.03	0.18 No	0 Thermal Discharging
SMT082	884	'2106951_/2107001'		0.13	0.77	3.33	0	0.2	1.02	0.18 No	0 Thermal Discharging
SMT082	885	'43105827_/2107027'		0.13	0.77	3.33	0	0.2	1.02	0.18 No	0 Thermal Discharging
SMT082	886	'116452730_/2106949_1'		0.13	0.77	3.33	0	0.1	1.02	0.18 No	0 Thermal Discharging
SMT082	887	'54849139_/54849136'		0.1	0.73	3.33	0	1.1	1.03	0.18 No	0 Thermal Discharging
SMT082	888	'2108166_/2108164'		0.13	0.73	3.33	0	0.1	1.03	0.18 No	0 Thermal Discharging
SMT082	889	'2107030_/43105829'		0.13	0.73	3.33	0	0.2	1.01	0.18 No	0 Thermal Discharging
SMT082	890	'2108179_/2108177'		0.13	0.7	3.33	0	0.1	1.02	0.18 No	0 Thermal Discharging
SMT082	891	'2106952_/2106949_2'		0.13	0.73	3.33	0	0.1	1.01	0.18 No	0 Thermal Discharging
SMT082	892	'2106978_/2106975'		0.13	0.73	3.33	0	0.1	1	0.18 No	0 Thermal Discharging
SMT082	893	'2106991_/2106988'		0.13	0.73	3.33	0	0.1	0.99	0.18 No	0 Thermal Discharging
SMT082	894	'2100592_/2100590'		0.1	0.7	3.33	0	1.1	1	0.18 No	0 Thermal Discharging
SMT082	895	'43106145_/43106147'		0.1	0.67	3.33	0	1.1	0.96	0.18 No	0 Thermal Discharging
SMT082	896	'2107205_/107063403_1'		0.2	4.8	10	0	0.2	1.74	0.55 No	0 Thermal Discharging
SMT091	0	'SMT091_/64723821'		10	10	10	1.616	10	10	2.28 No	1.616 Thermal Discharging
SMT091	1	'64723811_/64723821'		10	10	10	1.616	10	10	2.28 No	1.616 Thermal Discharging
SMT091	2	'114297212_/64724501_2'		10	10	10	1.616	10	10	2.27 No	1.616 Thermal Discharging
SMT091	3	'64724421_/64724501_1'		10	10	10	1.616	10	10	2.27 No	1.616 Thermal Discharging
SMT091	4	'64724455_/64724424'		10	10	10	1.616	10	10	2.27 No	1.616 Thermal Discharging
SMT091	5	'58970099_/3160393'		10	10	10	1.616	10	10	2.27 No	1.616 Thermal Discharging
SMT091	6	'58970095_/64724458'		10	10	10	1.616	10	10	2.26 No	1.616 Thermal Discharging
SMT091	7	'58970103_/3159294'		10	10	10	1.616	10	10	2.25 No	1.616 Thermal Discharging
SMT091	8	'58970107_/3159002'		10	10	10	1.616	10	10	2.24 No	1.616 Thermal Discharging
SMT091	9	'58970428_/3159036'		10	10	10	1.616	10	10	2.21 No	1.616 Thermal Discharging
SMT091	10	'58970530_/3133936'		10	10	10	1.616	10	10	2.2 No	1.616 Thermal Discharging
SMT091	11	'58970536_/49431718'		10	10	10	1.616	10	10	2.19 No	1.616 Thermal Discharging
SMT091	12	'58971057_/3134637'		10	10	10	1.616	10	10	2.16 No	1.616 Thermal Discharging
SMT091	13	'58971189_/3134163'		10	10	10	1.616	10	10	2.16 No	1.616 Thermal Discharging
SMT091	14	'58971166_/58971186'		10	10	10	1.616	10	10	2.14 No	1.616 Thermal Discharging
SMT091	15	'58971141_/58971163'		10	10	10	1.616	10	10	2.13 No	1.616 Thermal Discharging
SMT091	16	'58971114_/58971138'		10	10	10	1.616	10	10	2.11 No	1.616 Thermal Discharging
SMT091	17	'58971085_/58971111'		10	10	10	1.616	10	10	2.1 No	1.616 Thermal Discharging
SMT091	18	'3099167_/58971082'		10	10	10	1.616	10	10	2.09 No	1.616 Thermal Discharging
SMT091	19	'67214027_/3099165'		7.7	10	10	1.616	10	10	1.98 No	1.616 Thermal Discharging
SMT091	20	'67214090_/67214087'		7.5	10	10	1.616	10	10	1.97 No	1.616 Thermal Discharging
SMT091	21	'67944506_/3099097'		7.3	10	10	1.616	10	10	1.95 No	1.616 Thermal Discharging
SMT091	22	'67944435_/67944482'		7.1	10	10	1.616	10	10	1.95 No	1.616 Thermal Discharging
SMT091	23	'67944708_/67944410'		7	10	10	1.616	10	10	1.93 No	1.616 Thermal Discharging
SMT091	24	'67944933_/67944711'		6.9	10	10	1.616	10	10	1.93 No	1.616 Thermal Discharging
SMT091	25	'67944943_/67944890'		6.8	10	10	1.616	10	10	1.92 No	1.616 Thermal Discharging
SMT091	26	'67945015_/67944911_1'		6.8	10	10	1.616	10	10	1.92 No	1.616 Thermal Discharging
SMT091	27	'67944091_/67944911_2'		6.7	10	10	1.616	10	10	1.91 No	1.616 Thermal Discharging
SMT091	28	'3111882_/70260164'		6.5	10	10	1.616	10	10	1.89 No	1.616 Thermal Discharging
SMT091	29	'3111899_/3111896'		6.4	10	10	1.616	10	10	1.88 No	1.616 Thermal Discharging
SMT091	30	'43258182_/3112523'		6.2	10	10	1.616	10	10	1.87 No	1.616 Thermal Discharging
SMT091	31	'3112526_/43258184'		6.2	10	10	1.616	10	10	1.87 No	1.616 Thermal Discharging
SMT091	32	'3111916_/3111913'		6.2	10	10	1.616	10	10	1.87 No	1.616 Thermal Discharging
SMT091	33	'229112266_/3111930'		6.2	10	10	1.616	10	10	1.86 No	1.616 Thermal Discharging
SMT091	34	'149285704_/149285720'		6.1	10	10	1.616	10	10	1.85 No	1.616 Thermal Discharging
SMT091	35	'149285685_/149285701'		6	10	10	1.616	10	10	1.85 No	1.616 Thermal Discharging
SMT091	36	'149285666_/149285682'		6	10	10	1.616	10	10	1.84 No	1.616 Thermal Discharging
SMT091	37	'149285333_/149285663'		5.9	10	10	1.616	10	10	1.83 No	1.616 Thermal Discharging
SMT091	38	'149285314_/149285330'		5.9	10	10	1.616	10	10	1.82 No	1.616 Thermal Discharging
SMT091	39	'149285295_/149285311'		5.8	9.8	10	1.616	10	10	1.82 No	1.616 Thermal Discharging
SMT091	40	'246875893_/231249975_1'		5.8	9.7	10	1.616	1.5	10	1.82 No	1.5 Element Fault
SMT091	41	'149285276_/149285292'		5.8	9.7	10	1.616	10	10	1.82 No	1.616 Thermal Discharging
SMT091	42	'43258005_/149285273'		5.7	9.4	10	1.616	10	10	1.82 No	1.616 Thermal Discharging
SMT091	43	'3144946_/43258007'		5.7	9.4	10	1.616	10	10	1.82 No	1.616 Thermal Discharging
SMT091	44	'3144818_/3144815'		5.7	9.3	10	1.616	10	10	1.82 No	1.616 Thermal Discharging
SMT091	45	'474616359_/3144832'		5.6	9.2	10	1.616	10	10	1.82 No	1.616 Thermal Discharging
SMT091	46	'474616389_/474616363'		5.6	9.1	10	1.616	10	10	1.82 No	1.616 Thermal Discharging
SMT091	47	'474616304_/474616393'		5.6	9.1	10	1.616	10	10	1.82 No	1.616 Thermal Discharging
SMT091	48	'87361448_/474616308_1'		5.6	9.1	10	1.616	10	10	1.82 No	1.616 Thermal Discharging
SMT091	49	'3085991_/474616308_2'		5.6	9	10	1.616	10	10	1.82 No	1.616 Thermal Discharging
SMT091	50	'3085992_/3085989'		5.6	8.9	10	1.616	10	10	1.82 No	1.616 Thermal Discharging
SMT091	51	'3087524_/3144627'		5.5	8.9	10	1.616	10	10	1.82 No	1.616 Thermal Discharging
SMT091	52	'3144780_/397725385'		5.5	8.8	10	1.616	10	10	1.82 No	1.616 Thermal Discharging
SMT091	53	'397725407_/397725258_1'		5.5	8.7	10	1.616	10	10	1.82 No	1.616 Thermal Discharging
SMT091	54	'3087525_/3087522'		5.4	8.7	10	1.616	10	10	1.82 No	1.616 Thermal Discharging
SMT091	55	'397725255_/397725258_2'		5.5	8.7	10	1.616	10	10	1.82 No	1.616 Thermal Discharging
SMT091	56	'398857385_/3144778_1'		5.4	8.6	10	1.616	1.5	10	1.82 No	1.5 Element Fault
SMT091	57	'3087599_/3111300'		5.4	8.6	10	1.616	10	10	1.82 No	1.616 Thermal Discharging
SMT091	58	'231249956_/231249975_2'		5.1	8.8	10	1.616	1.5	10	1.82 No	1.5 Element Fault
SMT091	59	'3086744_/43257559_1'		5.4	8.6	10	1.616	1.5	10	1.82 No	1.5 Element Fault
SMT091	60	'231785965_/3111317'		5.3	8.5	10	1.616	10	10	1.82 No	1.616 Thermal Discharging
SMT091	61	'3111337_/3111334'		5.3	8.4	10	1.616	10	10	1.82 No	1.616 Thermal Discharging
SMT091	62	'3144758_/3144778_2'		5.2	8.4	10	1.616	1.5	10	1.82 No	1.5 Element Fault
SMT091	63	'43257543_/43257559_2'		5.2	8.3	10	1.616	1.5	10	1.82 No	1.5 Element Fault
SMT091	64	'3111354_/3111351'		5.2	8.2	10	1.616	10	10	1.82 No	1.616 Thermal Discharging
SMT091	65	'3111374_/3111371'		5.2	8.1	10	1.616	10	10	1.82 No	1.616 Thermal Discharging
SMT091	66	'3111391_/3111388'		5.1	8.1	10	1.616	10	10	1.82 No	1.616 Thermal Discharging
SMT091	67	'3111408_/3111405'		5.1	8	10	1.616	10	10	1.82 No	1.616 Thermal Discharging
SMT091	68	'3112748_/3112779_1'		5.1	8	10	1.616	10	10	1.82 No	1.616 Thermal Discharging
SMT091	69	'3088001_/3112779_2'		5.1	8	10	1.616	10	10	1.82 No	1.616 Thermal Discharging
SMT091	70	'3087779_/3111422'		5	7.9	10	1.616	10	10	1.82 No	1.616 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SMT091	71	'3086726_/3086724'		4.9	8	10	1.616	1.5	10	1.82 No	1.5 Element Fault
SMT091	72	'3111496_/3112762'		5	7.9	10	1.616	10	10	1.82 No	1.616 Thermal Discharging
SMT091	73	'3111570_/3111567'		5	7.8	10	1.616	10	10	1.82 No	1.616 Thermal Discharging
SMT091	74	'3111479_/3111493'		5	7.8	10	1.616	10	10	1.82 No	1.616 Thermal Discharging
SMT091	75	'3087581_/3087999'		4.9	7.8	10	1.616	9.3	10	1.82 No	1.616 Thermal Discharging
SMT091	76	'3086630_/3086628_1'		1.67	2.6	3.33	0.536	0.5	3.33	0.61 No	0.5 Element Fault
SMT091	77	'3087903_/3111476'		4.9	7.7	10	1.616	10	10	1.82 No	1.616 Thermal Discharging
SMT091	78	'3111590_/3111587_1'		4.9	7.8	10	1.616	10	10	1.82 No	1.616 Thermal Discharging
SMT091	79	'43257583_/3111587_2'		4.9	7.8	10	1.616	10	10	1.82 No	1.616 Thermal Discharging
SMT091	80	'3111550_/3111547'		4.9	7.7	10	1.616	10	10	1.82 No	1.616 Thermal Discharging
SMT091	81	'3111607_/43257585'		4.9	7.7	10	1.616	10	10	1.82 No	1.616 Thermal Discharging
SMT091	82	'3111641_/3111638'		4.9	7.7	10	1.616	10	10	1.82 No	1.616 Thermal Discharging
SMT091	83	'3087582_/3087579'		4.8	7.7	10	1.616	9.3	10	1.82 No	1.616 Thermal Discharging
SMT091	84	'3111442_/3111456'		4.9	7.6	10	1.616	10	10	1.82 No	1.616 Thermal Discharging
SMT091	85	'3087635_/3111621'		4.8	7.6	10	1.616	10	10	1.82 No	1.616 Thermal Discharging
SMT091	86	'43269040_/3144644'		4.6	7.6	10	1.616	1.5	10	1.82 No	1.5 Element Fault
SMT091	87	'3110656_/3110653'		4.8	7.6	10	1.616	10	10	1.82 No	1.616 Thermal Discharging
SMT091	88	'231785985_/3111439'		4.8	7.5	10	1.616	10	10	1.82 No	1.616 Thermal Discharging
SMT091	89	'3144741_/3144755'		4.6	7.6	10	1.616	1.5	10	1.82 No	1.5 Element Fault
SMT091	90	'3110676_/3110673'		4.8	7.6	10	1.616	10	10	1.82 No	1.616 Thermal Discharging
SMT091	91	'43257269_/3110378'		4.7	7.5	10	1.616	10	10	1.82 No	1.616 Thermal Discharging
SMT091	92	'3086631_/3086628_2'		1.67	2.5	3.33	0.536	0.5	3.33	0.61 No	0.5 Element Fault
SMT091	93	'3086763_/3112665'		4.8	7.5	10	1.616	10	10	1.82 No	1.616 Thermal Discharging
SMT091	94	'3112386_/3112384'		4.7	7.4	10	1.616	10	10	1.82 No	1.616 Thermal Discharging
SMT091	95	'3144869_/3144886'		4.5	7.5	10	1.616	1.5	10	1.82 No	1.5 Element Fault
SMT091	96	'3110693_/3110690'		4.7	7.5	10	1.616	10	10	1.82 No	1.616 Thermal Discharging
SMT091	97	'43257256_/43257271'		4.7	7.5	10	1.616	10	10	1.82 No	1.616 Thermal Discharging
SMT091	98	'3084796_/3110707'		4.6	7.4	10	1.616	10	10	1.82 No	1.616 Thermal Discharging
SMT091	99	'43269045_/43269042'		4.5	7.4	10	1.616	1.5	10	1.82 No	1.5 Element Fault
SMT091	100	'70111837_/3086557_2'		3.07	4.93	6.67	1.08	2.2	6.67	1.22 No	1.08 Thermal Discharging
SMT091	101	'3087544_/3144923'		4.6	7.3	10	1.616	10	10	1.82 No	1.616 Thermal Discharging
SMT091	102	'3144979_/3144866'		4.4	7.4	10	1.616	1.5	10	1.82 No	1.5 Element Fault
SMT091	103	'3110418_/43257258'		4.6	7.4	10	1.616	10	10	1.82 No	1.616 Thermal Discharging
SMT091	104	'43257570_/3087542'		4.6	7.3	10	1.616	10	10	1.82 No	1.616 Thermal Discharging
SMT091	105	'3112241_/3112239'		4.6	7.3	10	1.616	10	10	1.82 No	1.616 Thermal Discharging
SMT091	106	'3110727_/3110724'		4.6	7.3	10	1.616	10	10	1.82 No	1.616 Thermal Discharging
SMT091	107	'43257243_/3110432'		4.6	7.3	10	1.616	10	10	1.82 No	1.616 Thermal Discharging
SMT091	108	'117208516_/3087887_2'		1.53	2.43	3.33	0.536	2.6	3.33	0.61 No	0.536 Thermal Discharging
SMT091	109	'3086764_/3086761'		4.6	7.2	10	1.616	6.5	10	1.82 No	1.616 Thermal Discharging
SMT091	110	'50397466_/50397463'		4.6	7.3	10	1.616	10	10	1.82 No	1.616 Thermal Discharging
SMT091	111	'3112350_/3112722_2'		4.6	7.3	10	1.616	10	10	1.82 No	1.616 Thermal Discharging
SMT091	112	'44735857_/3112327'		4.6	7.2	10	1.616	10	10	1.82 No	1.616 Thermal Discharging
SMT091	113	'3087902_/3087900'		4.5	7.2	10	1.616	3.3	10	1.82 No	1.616 Thermal Discharging
SMT091	114	'3087877_/3087887_1'		1.5	2.43	3.33	0.536	0.5	3.33	0.61 No	0.5 Element Fault
SMT091	115	'3111126_/3112722_1'		4.6	7.2	10	1.616	1.5	10	1.82 No	1.5 Element Fault
SMT091	116	'43257230_/43257245'		4.6	7.3	10	1.616	10	10	1.82 No	1.616 Thermal Discharging
SMT091	117	'3110744_/3110741'		4.5	7.3	10	1.616	10	10	1.82 No	1.616 Thermal Discharging
SMT091	118	'3086545_/3086557_1'		3	4.8	6.67	1.08	1	6.67	1.22 No	1 Element Fault
SMT091	119	'401045005_/3111141'		4.5	7.2	10	1.616	1.5	10	1.82 No	1.5 Element Fault
SMT091	120	'50974065_/401045007'		4.5	7.2	10	1.616	1.5	10	1.82 No	1.5 Element Fault
SMT091	121	'3085072_/3110758'		4.5	7.2	10	1.616	10	10	1.82 No	1.616 Thermal Discharging
SMT091	122	'3110469_/3110466'		4.5	7.2	10	1.616	10	10	1.82 No	1.616 Thermal Discharging
SMT091	123	'117663898_/43257041_2'		1.5	2.4	3.33	0.536	3.33	3.33	0.61 No	0.536 Thermal Discharging
SMT091	124	'117663926_/3088178_1'		4.5	7.2	10	1.616	1.5	10	1.82 No	1.5 Element Fault
SMT091	125	'324072014_/3087760'		4.5	7	10	1.616	6.5	10	1.82 No	1.616 Thermal Discharging
SMT091	126	'43257039_/43257041_1'		1.5	2.4	3.33	0.536	0.5	3.33	0.61 No	0.5 Element Fault
SMT091	127	'43257217_/3110483'		4.5	7.1	10	1.616	10	10	1.82 No	1.616 Thermal Discharging
SMT091	128	'3085937_/50974062'		4.4	7.1	10	1.616	1.5	10	1.82 No	1.5 Element Fault
SMT091	129	'3111181_/3111709'		4.4	7	10	1.616	6.5	10	1.82 No	1.616 Thermal Discharging
SMT091	130	'43257089_/43257091'		1.47	2.37	3.33	0.536	0.5	3.33	0.61 No	0.5 Element Fault
SMT091	131	'31110503_/43257219'		4.4	7.1	10	1.616	10	10	1.82 No	1.616 Thermal Discharging
SMT091	132	'43257456_/3086644'		1.57	2.33	3.33	0.536	0.5	3.33	0.61 No	0.5 Element Fault
SMT091	133	'43257966_/43257968'		4.4	7	10	1.616	1.5	10	1.82 No	1.5 Element Fault
SMT091	134	'3144724_/3144738'		4.2	7	10	1.616	1.5	10	1.82 No	1.5 Element Fault
SMT091	135	'3085043_/3085053'		1.47	2.37	3.33	0.536	0.5	3.33	0.61 No	0.5 Element Fault
SMT091	136	'43257204_/3110517'		4.4	7	10	1.616	10	10	1.82 No	1.616 Thermal Discharging
SMT091	137	'3111180_/3111178'		4.4	6.9	10	1.616	6.5	10	1.82 No	1.616 Thermal Discharging
SMT091	138	'3084654_/43257206'		4.4	7	10	1.616	10	10	1.82 No	1.616 Thermal Discharging
SMT091	139	'3111076_/3111073'		4.3	6.9	10	1.616	1.5	10	1.82 No	1.5 Element Fault
SMT091	140	'49167255_/3110551_1'		4.4	7	10	1.616	3.4	10	1.82 No	1.616 Thermal Discharging
SMT091	141	'3085030_/3085040'		1.43	2.33	3.33	0.536	0.5	3.33	0.61 No	0.5 Element Fault
SMT091	142	'324072065_/3116420'		4.4	6.8	10	1.616	6.5	10	1.82 No	1.616 Thermal Discharging
SMT091	143	'3085017_/3085027'		1.43	2.33	3.33	0.536	0.5	3.33	0.61 No	0.5 Element Fault
SMT091	144	'43257191_/3110551_2'		4.3	6.9	10	1.616	3.4	10	1.82 No	1.616 Thermal Discharging
SMT091	145	'3111093_/3111090'		4.3	6.9	10	1.616	1.5	10	1.82 No	1.5 Element Fault
SMT091	146	'43257050_/3088178_2'		4.2	6.9	10	1.616	1.5	10	1.82 No	1.5 Element Fault
SMT091	147	'348240295_/3085935'		4.3	6.9	10	1.616	1.5	10	1.82 No	1.5 Element Fault
SMT091	148	'3111164_/3116403'		4.3	6.8	10	1.616	6.5	10	1.82 No	1.616 Thermal Discharging
SMT091	149	'3084655_/3084652'		4.3	6.9	10	1.616	7.9	10	1.82 No	1.616 Thermal Discharging
SMT091	150	'43257178_/43257193'		4.3	6.9	10	1.616	3.4	10	1.82 No	1.616 Thermal Discharging
SMT091	151	'3111163_/3111161'		4.3	6.7	10	1.616	6.5	10	1.82 No	1.616 Thermal Discharging
SMT091	152	'3085003_/43257362'		1.4	2.3	3.33	0.536	0.5	3.33	0.61 No	0.5 Element Fault
SMT091	153	'3144707_/3144721'		4	6.8	10	1.616	1.5	10	1.82 No	1.5 Element Fault
SMT091	154	'3110588_/43257180'		4.2	6.8	10	1.616	3.4	10	1.82 No	1.616 Thermal Discharging
SMT091	155	'43257395_/43257397'		2.73	4.47	6.67	1.08	1	6.67	1.22 No	1 Element Fault
SMT091	156	'3084675_/3084672'		4.2	6.8	10	1.616	7.9	10	1.82 No	1.616 Thermal Discharging
SMT091	157	'3112543_/3116383'		4.2	6.6	10	1.616	6.5	10	1.82 No	1.616 Thermal Discharging
SMT091	158	'43257165_/3110602'		4.2	6.7	10	1.616	3.4	10	1.82 No	1.616 Thermal Discharging
SMT091	159	'458812842_/3116511'		4.2	6.5	10	1.616	6.5	10	1.82 No	1.616 Thermal Discharging
SMT091	160	'458812864_/458812782'		4.2	6.5	10	1.616	6.5	10	1.82 No	1.616 Thermal Discharging
SMT091	161	'3088146_/43257052'		4.1	6.7	10	1.616	1.5	10	1.82 No	1.5 Element Fault
SMT091	162	'3086660_/43257458'		1.47	2.2	3.33	0.536	0.5	3.33	0.61 No	0.5 Element Fault
SMT091	163	'458812932_/458812844'		4.2	6.5	10	1.616	10	10	1.82 No	1.616 Thermal Discharging
SMT091	164	'88203479_/458812936'		4.2	6.5	10	1.616	6.5	10	1.82 No	1.616 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SMT091	165	'110798672_/_110798674'		3.9	6.6	10	1.616	1.5	10	1.82 No	1.5 Element Fault
SMT091	166	'3110622_/_43257167'		4.1	6.7	10	1.616	3.4	9.93	1.82 No	1.616 Thermal Discharging
SMT091	167	'414386111_/_398125077_1'		3.9	6.6	10	1.616	1.5	10	1.82 No	1.5 Element Fault
SMT091	168	'88203498_/_88203495'		4.1	6.5	10	1.616	6.5	10	1.82 No	1.616 Thermal Discharging
SMT091	169	'398125080_/_398125077_2'		3.9	6.6	10	1.616	1.5	10	1.82 No	1.5 Element Fault
SMT091	170	'3084695_/_3084692'		4.1	6.6	10	1.616	7.9	9.94	1.82 No	1.616 Thermal Discharging
SMT091	171	'3105182_/_3110636'		4.1	6.6	10	1.616	3.4	9.85	1.82 No	1.616 Thermal Discharging
SMT091	172	'88203523_/_88203520'		4.1	6.4	10	1.616	6.5	9.96	1.82 No	1.616 Thermal Discharging
SMT091	173	'3084970_/_3084967_2'		4	6.6	10	1.616	7.9	9.91	1.82 No	1.616 Thermal Discharging
SMT091	174	'3105183_/_3105180'		4	6.6	10	1.616	3.4	9.76	1.82 No	1.616 Thermal Discharging
SMT091	175	'3087807_/_88203539'		4.1	6.4	10	1.616	6.5	9.89	1.82 No	1.616 Thermal Discharging
SMT091	176	'417270715_/_3145050_2'		4.1	6.4	10	1.616	6.5	9.87	1.82 No	1.616 Thermal Discharging
SMT091	177	'43266155_/_3113006'		4	6.5	10	1.616	3.4	9.7	1.82 No	1.616 Thermal Discharging
SMT091	178	'43257152_/_3084709'		4	6.5	10	1.616	7.9	9.81	1.82 No	1.616 Thermal Discharging
SMT091	179	'3086473_/_3086486'		1.3	2.17	3.33	0.536	0.5	3.3	0.61 No	0.5 Element Fault
SMT091	180	'3144706_/_3144704'		3.8	6.5	10	1.616	1.5	10	1.82 No	1.5 Element Fault
SMT091	181	'3084953_/_3084967_1'		4	6.5	10	1.616	1.5	9.78	1.82 No	1.5 Element Fault
SMT091	182	'43259385_/_43266157'		4	6.5	10	1.616	3.4	9.63	1.82 No	1.616 Thermal Discharging
SMT091	183	'43257063_/_3088144'		3.9	6.4	10	1.616	1.5	9.89	1.82 No	1.5 Element Fault
SMT091	184	'3084729_/_43257154'		3.9	6.4	10	1.616	7.9	9.74	1.82 No	1.616 Thermal Discharging
SMT091	185	'75928042_/_75927992_1'		4	6.5	10	1.616	0.4	9.74	1.82 No	0.4 Element Fault
SMT091	186	'3082611_/_43259387'		4	6.4	10	1.616	3.4	9.58	1.82 No	1.616 Thermal Discharging
SMT091	187	'3112836_/_3112833'		3.9	6.4	10	1.616	7.9	9.67	1.82 No	1.616 Thermal Discharging
SMT091	188	'43257139_/_43257141'		3.9	6.4	10	1.616	1.5	9.66	1.82 No	1.5 Element Fault
SMT091	189	'3086515_/_3086527'		2.53	4.2	6.67	1.08	1	6.62	1.22 No	1 Element Fault
SMT091	190	'3082612_/_3116326_1'		4	6.4	10	1.616	1.5	9.52	1.82 No	1.5 Element Fault
SMT091	191	'3145036_/_3145050_1'		3.9	6.2	10	1.616	2.3	9.65	1.82 No	1.616 Thermal Discharging
SMT091	192	'3113063_/_3113060'		3.9	6.4	10	1.616	3.4	9.47	1.82 No	1.616 Thermal Discharging
SMT091	193	'3084780_/_3112850'		3.9	6.4	10	1.616	7.9	9.58	1.82 No	1.616 Thermal Discharging
SMT091	194	'75927995_/_75927992_2'		3.9	6.3	10	1.616	0.4	9.61	1.82 No	0.4 Element Fault
SMT091	195	'3084919_/_3084933'		3.8	6.3	10	1.616	1.5	9.55	1.82 No	1.5 Element Fault
SMT091	196	'43259420_/_3113077'		3.9	6.3	10	1.616	3.4	9.39	1.82 No	1.616 Thermal Discharging
SMT091	197	'3084763_/_3084760_2'		3.9	6.4	10	1.616	3.3	9.51	1.82 No	1.616 Thermal Discharging
SMT091	198	'3130198_/_3130195'		3.8	6.3	10	1.616	7.9	9.48	1.82 No	1.616 Thermal Discharging
SMT091	199	'43269093_/_3145033'		3.9	6.1	10	1.616	2.3	9.53	1.82 No	1.616 Thermal Discharging
SMT091	200	'3087808_/_3087805'		3.9	6.1	10	1.616	6.5	9.51	1.82 No	1.616 Thermal Discharging
SMT091	201	'3084902_/_3084916'		3.8	6.2	10	1.616	1.5	9.47	1.82 No	1.5 Element Fault
SMT091	202	'3113097_/_3113094'		3.8	6.3	10	1.616	3.4	9.31	1.82 No	1.616 Thermal Discharging
SMT091	203	'3088112_/_3088127'		3.7	6.2	10	1.616	1.5	9.64	1.82 No	1.5 Element Fault
SMT091	204	'8506793_/_8506791_1'		3.9	6.1	10	1.616	3.3	9.49	1.82 No	1.616 Thermal Discharging
SMT091	205	'3130215_/_3130232'		3.8	6.2	10	1.616	7.9	9.38	1.82 No	1.616 Thermal Discharging
SMT091	206	'3144546_/_3144994'		1.33	2.03	3.33	0.536	0.5	3.25	0.61 No	0.5 Element Fault
SMT091	207	'8506794_/_8506791_2'		3.9	6.1	10	1.616	3.3	9.42	1.82 No	1.616 Thermal Discharging
SMT091	208	'3105537_/_3116326_2'		3.8	6.2	10	1.616	1.5	9.31	1.82 No	1.5 Element Fault
SMT091	209	'43259695_/_3113111'		3.8	6.2	10	1.616	3.4	9.2	1.82 No	1.616 Thermal Discharging
SMT091	210	'74595472_/_43269108'		3.8	6	10	1.616	2.3	9.38	1.82 No	1.616 Thermal Discharging
SMT091	211	'3130155_/_3130249'		3.7	6.2	10	1.616	7.9	9.27	1.82 No	1.616 Thermal Discharging
SMT091	212	'3135424_/_43259697'		3.8	6.2	10	1.616	3.4	9.15	1.82 No	1.616 Thermal Discharging
SMT091	213	'43257126_/_43257128'		3.7	6.1	10	1.616	1.5	9.31	1.82 No	1.5 Element Fault
SMT091	214	'3135441_/_3135438'		3.7	6.2	10	1.616	3.4	9.1	1.82 No	1.616 Thermal Discharging
SMT091	215	'3130103_/_3130101_2'		1.23	2.03	3.33	0.536	1.1	3.07	0.61 No	0.536 Thermal Discharging
SMT091	216	'3135458_/_3135455'		3.7	6.1	10	1.616	3.4	9.06	1.82 No	1.616 Thermal Discharging
SMT091	217	'70111762_/_8824998_2'		3.7	5.9	10	1.616	2.3	9.29	1.82 No	1.616 Thermal Discharging
SMT091	218	'3139532_/_3139547'		3.7	6.1	10	1.616	7.9	9.15	1.82 No	1.616 Thermal Discharging
SMT091	219	'3086514_/_3086512'		2.4	4	6.67	1.08	1	6.35	1.22 No	1 Element Fault
SMT091	220	'3130117_/_3130114_2'		1.23	2.03	3.33	0.536	1.2	3.05	0.61 No	0.536 Thermal Discharging
SMT091	221	'3135475_/_3135472'		3.7	6.1	10	1.616	3.4	8.98	1.82 No	1.616 Thermal Discharging
SMT091	222	'3084868_/_3084882'		3.6	6	10	1.616	1.5	9.18	1.82 No	1.5 Element Fault
SMT091	223	'43257384_/_3086470'		1.2	2	3.33	0.536	0.5	3.1	0.61 No	0.5 Element Fault
SMT091	224	'3135509_/_3135526_1'		3.7	6	10	1.616	1.6	8.97	1.82 No	1.6 Element Fault
SMT091	225	'67601002_/_3116346'		3.7	5.8	10	1.616	6.5	9.14	1.82 No	1.616 Thermal Discharging
SMT091	226	'70111808_/_8824602_1'		3.7	6.1	10	1.616	0.4	8.93	1.82 No	0.4 Element Fault
SMT091	227	'43259708_/_3135489'		3.6	6	10	1.616	3.4	8.9	1.82 No	1.616 Thermal Discharging
SMT091	228	'43266877_/_3139530'		3.6	6	10	1.616	7.8	9.03	1.82 No	1.616 Thermal Discharging
SMT091	229	'3130104_/_3130101_1'		1.2	2	3.33	0.536	0.5	3.02	0.61 No	0.5 Element Fault
SMT091	230	'3144519_/_3145020'		1.27	1.97	3.33	0.536	0.5	3.13	0.61 No	0.5 Element Fault
SMT091	231	'70111786_/_467070787_2'		3.7	5.8	10	1.616	5.7	9.09	1.82 No	1.616 Thermal Discharging
SMT091	232	'43257113_/_43257115'		3.6	6	10	1.616	1.5	9.06	1.82 No	1.5 Element Fault
SMT091	233	'43259721_/_43259710'		3.6	6	10	1.616	3.4	8.83	1.82 No	1.616 Thermal Discharging
SMT091	234	'43257076_/_3088110'		3.5	5.9	10	1.616	1.5	9.25	1.82 No	1.5 Element Fault
SMT091	235	'3084746_/_3084760_1'		3.5	5.9	10	1.616	1.5	9.08	1.82 No	1.5 Element Fault
SMT091	236	'3113148_/_43259723'		3.6	6	10	1.616	3.4	8.79	1.82 No	1.616 Thermal Discharging
SMT091	237	'3144545_/_3144543'		1.23	1.93	3.33	0.536	0.5	3.11	0.61 No	0.5 Element Fault
SMT091	238	'3084834_/_3084848'		3.5	5.9	10	1.616	1.5	8.97	1.82 No	1.5 Element Fault
SMT091	239	'3113165_/_3113162'		3.6	5.9	10	1.616	3.4	8.74	1.82 No	1.616 Thermal Discharging
SMT091	240	'8825000_/_8824998_1'		3.6	5.7	10	1.616	1.5	9.02	1.82 No	1.5 Element Fault
SMT091	241	'367891689_/_352468549'		3.6	5.9	10	1.616	3.4	8.71	1.82 No	1.616 Thermal Discharging
SMT091	242	'352468567_/_367891691'		3.6	5.9	10	1.616	3.4	8.69	1.82 No	1.616 Thermal Discharging
SMT091	243	'467070783_/_467070787_1'		3.6	5.7	10	1.616	3.7	8.94	1.82 No	1.616 Thermal Discharging
SMT091	244	'367891976_/_367891882_1'		3.6	5.9	10	1.616	1.5	8.67	1.82 No	1.5 Element Fault
SMT091	245	'3130116_/_3130114_1'		1.23	1.93	3.33	0.536	0.5	2.95	0.61 No	0.5 Element Fault
SMT091	246	'3088078_/_43257078'		3.4	5.8	10	1.616	1.5	9.09	1.82 No	1.5 Element Fault
SMT091	247	'8824605_/_8824602_2'		3.5	5.8	10	1.616	0.4	8.72	1.82 No	0.4 Element Fault
SMT091	248	'43257100_/_43257102'		3.5	5.8	10	1.616	1.5	8.86	1.82 No	1.5 Element Fault
SMT091	249	'467070882_/_467070898'		3.6	5.7	10	1.616	3.7	8.91	1.82 No	1.616 Thermal Discharging
SMT091	250	'3135406_/_3135526_2'		3.5	5.8	10	1.616	1.6	8.73	1.82 No	1.6 Element Fault
SMT091	251	'3136725_/_3136735'		1.13	1.93	3.33	0.536	0.5	2.99	0.61 No	0.5 Element Fault
SMT091	252	'367854752_/_367854734'		3.5	5.8	10	1.616	3.4	8.57	1.82 No	1.616 Thermal Discharging
SMT091	253	'43257407_/_43257409'		2.27	3.8	6.67	1.08	1	6.06	1.22 No	1 Element Fault
SMT091	254	'3084797_/_3084814'		3.4	5.7	10	1.616	1.5	8.76	1.82 No	1.5 Element Fault
SMT091	255	'3082538_/_3105535'		3.4	5.7	10	1.616	1.5	8.77	1.82 No	1.5 Element Fault
SMT091	256	'467070851_/_467070914'		3.5	5.5	10	1.616	3.7	8.81	1.82 No	1.616 Thermal Discharging
SMT091	257	'367855329_/_367891857_1'		3.4	5.8	10	1.616	1.5	8.53	1.82 No	1.5 Element Fault
SMT091	258	'71668995_/_3088076'		3.3	5.6	10	1.616	1.5	8.91	1.82 No	1.5 Element Fault

Feeder Name	Feeder ID	Node	Primary Over- Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SMT091	259	'43268975_/_/3144517'		1.17	1.83	3.33	0.536	0.5	2.96	0.61 No	0.5 Element Fault
SMT091	260	'43257347_/_/3084743'		3.3	5.5	10	1.616	1.5	8.62	1.82 No	1.5 Element Fault
SMT091	261	'50900087_/_/71668992'		3.2	5.5	10	1.616	1.5	8.71	1.82 No	1.5 Element Fault
SMT091	262	'3136712_/_/3136722'		1.07	1.83	3.33	0.536	0.5	2.88	0.61 No	0.5 Element Fault
SMT091	263	'43266842_/_/43266844'		1.1	1.83	3.33	0.536	0.5	2.82	0.61 No	0.5 Element Fault
SMT091	264	'3136777_/_/3136789'		2.13	3.6	6.67	1.08	1	5.82	1.22 No	1 Element Fault
SMT091	265	'43266866_/_/3130127'		1.17	1.83	3.33	0.536	0.5	2.81	0.61 No	0.5 Element Fault
SMT091	266	'367891210_/_/367891857_2'		3.2	5.3	10	1.616	1.5	8.24	1.82 No	1.5 Element Fault
SMT091	267	'3082539_/_/3082536'		3.2	5.4	10	1.616	1.5	8.44	1.82 No	1.5 Element Fault
SMT091	268	'3135389_/_/3135404'		3.2	5.4	10	1.616	1.6	8.3	1.82 No	1.6 Element Fault
SMT091	269	'3144507_/_/43268977'		1.13	1.8	3.33	0.536	0.5	2.89	0.61 No	0.5 Element Fault
SMT091	270	'584885959_/_/584885798_1'		3.2	5.4	10	1.616	0.9	8.27	1.82 No	0.9 Element Fault
SMT091	271	'367892081_/_/367891882_2'		3.2	5.4	10	1.616	1.5	8.17	1.82 No	1.5 Element Fault
SMT091	272	'367891722_/_/367891882_3'		3.2	5.4	10	1.616	1.5	8.15	1.82 No	1.5 Element Fault
SMT091	273	'119362527_/_/119362550'		3.1	5.3	10	1.616	1.5	8.51	1.82 No	1.5 Element Fault
SMT091	274	'37655926_/_/467070855'		3.3	5.2	10	1.616	3.7	8.33	1.82 No	1.616 Thermal Discharging
SMT091	275	'399854947_/_/37655930_1'		3.3	5.2	10	1.616	3.7	8.32	1.82 No	1.616 Thermal Discharging
SMT091	276	'37655099_/_/37655930_2'		3.3	5.2	10	1.616	3.7	8.32	1.82 No	1.616 Thermal Discharging
SMT091	277	'399854948_/_/399854945'		1.1	1.73	3.33	0.536	1.23	2.77	0.61 No	0.536 Thermal Discharging
SMT091	278	'37655954_/_/37655958'		1.1	1.73	3.33	0.536	1.23	2.77	0.61 No	0.536 Thermal Discharging
SMT091	279	'37655940_/_/37655937'		3.3	5.2	10	1.616	3.7	8.31	1.82 No	1.616 Thermal Discharging
SMT091	280	'43257467_/_/43257469'		1.1	1.77	3.33	0.536	0.5	2.85	0.61 No	0.5 Element Fault
SMT091	281	'8506778_/_/8506775'		1.1	1.73	3.33	0.536	1.23	2.77	0.61 No	0.536 Thermal Discharging
SMT091	282	'119362606_/_/8507229_2'		3.1	5.3	10	1.616	1.5	8.44	1.82 No	1.5 Element Fault
SMT091	283	'3082556_/_/3082553'		3.1	5.3	10	1.616	1.5	8.26	1.82 No	1.5 Element Fault
SMT091	284	'114678325_/_/367891724'		2.07	3.53	6.67	1.08	1	5.35	1.22 No	1 Element Fault
SMT091	285	'43268205_/_/43268207'		2	3.47	6.67	1.08	1	5.61	1.22 No	1 Element Fault
SMT091	286	'8507232_/_/8507229_1'		3	5.2	10	1.616	0.9	8.33	1.82 No	0.9 Element Fault
SMT091	287	'114678348_/_/114678352'		2.07	3.53	6.67	1.08	1	5.3	1.22 No	1 Element Fault
SMT091	288	'43268194_/_/3136709'		1	1.73	3.33	0.536	0.5	2.75	0.61 No	0.5 Element Fault
SMT091	289	'3130028_/_/3130025'		1.03	1.73	3.33	0.536	0.5	2.7	0.61 No	0.5 Element Fault
SMT091	290	'3082522_/_/43257349'		3	5.2	10	1.616	1.5	8.18	1.82 No	1.5 Element Fault
SMT091	291	'3082480_/_/3130140'		1.07	1.7	3.33	0.536	0.5	2.67	0.61 No	0.5 Element Fault
SMT091	292	'3117847_/_/3135387'		3	5	10	1.616	1.6	7.83	1.82 No	1.6 Element Fault
SMT091	293	'43259345_/_/43259347'		2.9	5	10	1.616	1.5	7.92	1.82 No	1.5 Element Fault
SMT091	294	'8196303_/_/8196301'		3.1	4.8	10	1.616	3.7	7.89	1.82 No	1.616 Thermal Discharging
SMT091	295	'3155617_/_/3155614'		2	3.33	6.67	1.08	1	5.12	1.22 No	1 Element Fault
SMT091	296	'3136683_/_/3136696'		0.97	1.67	3.33	0.536	0.5	2.64	0.61 No	0.5 Element Fault
SMT091	297	'7563423_/_/7563436_1'		1	1.67	3.33	0.536	0.3	2.53	0.61 No	0.3 Element Fault
SMT091	298	'37656262_/_/8824370'		3	4.7	10	1.616	3.7	7.75	1.82 No	1.616 Thermal Discharging
SMT091	299	'468417183_/_/468417181'		3	4.7	10	1.616	3.7	7.75	1.82 No	1.616 Thermal Discharging
SMT091	300	'37656246_/_/468417201'		3	4.7	10	1.616	3.7	7.74	1.82 No	1.616 Thermal Discharging
SMT091	301	'37656290_/_/468417195'		3	4.7	10	1.616	3.7	7.74	1.82 No	1.616 Thermal Discharging
SMT091	302	'37656276_/_/468417189'		3	4.7	10	1.616	3.7	7.74	1.82 No	1.616 Thermal Discharging
SMT091	303	'8196895_/_/584885798_2'		2.9	4.9	10	1.616	0.9	7.63	1.82 No	0.9 Element Fault
SMT091	304	'8196896_/_/584885850'		1.93	3.27	6.67	1.08	0.6	5.13	1.22 No	0.6 Element Fault
SMT091	305	'43259409_/_/3082573'		1	1.63	3.33	0.536	0.5	2.57	0.61 No	0.5 Element Fault
SMT091	306	'3130041_/_/3130038'		0.93	1.63	3.33	0.536	0.5	2.55	0.61 No	0.5 Element Fault
SMT091	307	'3155637_/_/3155634'		1	1.63	3.33	0.536	0.5	2.5	0.61 No	0.5 Element Fault
SMT091	308	'3086574_/_/3086572'		1	1.6	3.33	0.536	0.5	2.62	0.61 No	0.5 Element Fault
SMT091	309	'3082521_/_/3082519'		2.8	4.8	10	1.616	1.5	7.74	1.82 No	1.5 Element Fault
SMT091	310	'43259308_/_/3082477'		1	1.63	3.33	0.536	0.5	2.54	0.61 No	0.5 Element Fault
SMT091	311	'3082631_/_/3082629'		2.8	4.8	10	1.616	1.5	7.61	1.82 No	1.5 Element Fault
SMT091	312	'3155650_/_/3155647_1'		1	1.6	3.33	0.536	0.3	2.46	0.61 No	0.3 Element Fault
SMT091	313	'3117827_/_/3117845'		2.8	4.7	10	1.616	1.6	7.47	1.82 No	1.6 Element Fault
SMT091	314	'3136682_/_/3136680'		0.9	1.57	3.33	0.536	0.5	2.53	0.61 No	0.5 Element Fault
SMT091	315	'49931719_/_/8506897_1'		2.7	4.7	10	1.616	0.9	7.42	1.82 No	0.9 Element Fault
SMT091	316	'43259607_/_/3155647_2'		0.97	1.57	3.33	0.536	0.3	2.43	0.61 No	0.3 Element Fault
SMT091	317	'8506900_/_/8506897_2'		2.7	4.7	10	1.616	0.9	7.42	1.82 No	0.9 Element Fault
SMT091	318	'8196969_/_/584885821'		2.7	4.7	10	1.616	0.9	7.39	1.82 No	0.9 Element Fault
SMT091	319	'37656304_/_/7560749'		2.9	4.5	10	1.616	3.7	7.46	1.82 No	1.616 Thermal Discharging
SMT091	320	'37656311_/_/468417482'		2.9	4.5	10	1.616	3.7	7.46	1.82 No	1.616 Thermal Discharging
SMT091	321	'468417629_/_/468417470'		2.9	4.5	10	1.616	3.7	7.45	1.82 No	1.616 Thermal Discharging
SMT091	322	'468417643_/_/468417488'		2.9	4.5	10	1.616	3.7	7.45	1.82 No	1.616 Thermal Discharging
SMT091	323	'37656318_/_/468417476'		2.9	4.5	10	1.616	3.7	7.45	1.82 No	1.616 Thermal Discharging
SMT091	324	'43259398_/_/3082646'		0.97	1.53	3.33	0.536	0.5	2.46	0.61 No	0.5 Element Fault
SMT091	325	'43259358_/_/3082659'		2.7	4.6	10	1.616	1.5	7.45	1.82 No	1.5 Element Fault
SMT091	326	'3155663_/_/43259609'		0.97	1.53	3.33	0.536	0.3	2.39	0.61 No	0.3 Element Fault
SMT091	327	'484314229_/_/3117825'		2.7	4.6	10	1.616	1.6	7.3	1.82 No	1.6 Element Fault
SMT091	328	'7874020_/_/7874017'		2.8	4.5	10	1.616	3.7	7.34	1.82 No	1.616 Thermal Discharging
SMT091	329	'3082649_/_/43259400'		0.93	1.53	3.33	0.536	0.5	2.44	0.61 No	0.5 Element Fault
SMT091	330	'111496151_/_/111496157'		2.8	4.4	10	1.616	3.7	7.28	1.82 No	1.616 Thermal Discharging
SMT091	331	'3130015_/_/3130051'		0.87	1.5	3.33	0.536	0.5	2.4	0.61 No	0.5 Element Fault
SMT091	332	'7560772_/_/7560769'		2.8	4.4	10	1.616	3.7	7.26	1.82 No	1.616 Thermal Discharging
SMT091	333	'111496268_/_/111496279'		2.8	4.4	10	1.616	3.7	7.24	1.82 No	1.616 Thermal Discharging
SMT091	334	'535234182_/_/7563436_2'		0.93	1.5	3.33	0.536	0.3	2.36	0.61 No	0.3 Element Fault
SMT091	335	'9454497_/_/9454494'		2.7	4.4	10	1.616	3.7	7.23	1.82 No	1.616 Thermal Discharging
SMT091	336	'8507251_/_/111496297'		2.8	4.4	10	1.616	3.7	7.2	1.82 No	1.616 Thermal Discharging
SMT091	337	'353997660_/_/3155676'		0.93	1.5	3.33	0.536	0.3	2.33	0.61 No	0.3 Element Fault
SMT091	338	'43259297_/_/3082506'		0.9	1.5	3.33	0.536	0.5	2.36	0.61 No	0.5 Element Fault
SMT091	339	'3078906_/_/484314233'		2.6	4.4	10	1.616	1.6	7.09	1.82 No	1.6 Element Fault
SMT091	340	'3082679_/_/43259360'		2.5	4.4	10	1.616	1.5	7.19	1.82 No	1.5 Element Fault
SMT091	341	'531963539_/_/531963691'		2.6	4.4	10	1.616	1.6	7.06	1.82 No	1.6 Element Fault
SMT091	342	'7874040_/_/8507309'		2.7	4.3	10	1.616	3.7	7.13	1.82 No	1.616 Thermal Discharging
SMT091	343	'7872716_/_/9453098_1'		2.5	4.4	10	1.616	0.9	7.18	1.82 No	0.9 Element Fault
SMT091	344	'531963760_/_/531963593_1'		2.6	4.4	10	1.616	0.9	7.06	1.82 No	0.9 Element Fault
SMT091	345	'531963562_/_/531963593_2'		2.5	4.4	10	1.616	0.9	7.03	1.82 No	0.9 Element Fault
SMT091	346	'3082699_/_/3082696_2'		0.83	1.47	3.33	0.536	0.5	2.38	0.61 No	0.5 Element Fault
SMT091	347	'8824137_/_/8824134'		2.5	4.4	10	1.616	0.9	7.02	1.82 No	0.9 Element Fault
SMT091	348	'7874836_/_/9455264'		2.7	4.2	10	1.616	3.7	7.04	1.82 No	1.616 Thermal Discharging
SMT091	349	'9453101_/_/9453098_2'		2.5	4.3	10	1.616	0.9	7.08	1.82 No	0.9 Element Fault
SMT091	350	'3130002_/_/3130012'		0.8	1.43	3.33	0.536	0.5	2.28	0.61 No	0.5 Element Fault
SMT091	351	'3082492_/_/3082490'		0.87	1.43	3.33	0.536	0.5	2.28	0.61 No	0.5 Element Fault
SMT091	352	'3078907_/_/3078904'		0.83	1.43	3.33	0.536	0.53	2.28	0.61 No	0.53 Element Fault

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SMT091	353	'3082283_/_3082280_2'		0.83	1.4	3.33	0.536	0.53	2.26	0.61 No	0.53 Element Fault
SMT091	354	'420713361_/_88602895'		2.5	4.1	10	1.616	3.7	6.78	1.82 No	1.616 Thermal Discharging
SMT091	355	'3078924_/_3078921'		0.8	1.4	3.33	0.536	0.53	2.23	0.61 No	0.53 Element Fault
SMT091	356	'3078846_/_3078844_1'		0.8	1.37	3.33	0.536	0.3	2.22	0.61 No	0.3 Element Fault
SMT091	357	'3078943_/_3078941_1'		0.8	1.37	3.33	0.536	0.3	2.22	0.61 No	0.3 Element Fault
SMT091	358	'7874039_/_7874037'		2.5	4	10	1.616	3.7	6.66	1.82 No	1.616 Thermal Discharging
SMT091	359	'9140020_/_9455304'		2.5	4	10	1.616	3.7	6.63	1.82 No	1.616 Thermal Discharging
SMT091	360	'7247048_/_7247045'		2.3	4.1	10	1.616	0.9	6.58	1.82 No	0.9 Element Fault
SMT091	361	'3082698_/_3082696_1'		0.83	1.33	3.33	0.536	0.3	2.21	0.61 No	0.3 Element Fault
SMT091	362	'7246896_/_9140017'		2.4	3.9	10	1.616	3.7	6.58	1.82 No	1.616 Thermal Discharging
SMT091	363	'43258799_/_3082280_1'		0.77	1.33	3.33	0.536	0.3	2.17	0.61 No	0.3 Element Fault
SMT091	364	'3129989_/_3129999'		0.77	1.37	3.33	0.536	0.5	2.17	0.61 No	0.5 Element Fault
SMT091	365	'7143921_/_7143919'		0.8	1.33	3.33	0.536	0.3	2.2	0.61 No	0.3 Element Fault
SMT091	366	'37657060_/_7246893'		2.4	3.9	10	1.616	3.7	6.52	1.82 No	1.616 Thermal Discharging
SMT091	367	'37657053_/_37657057'		2.4	3.9	10	1.616	3.7	6.52	1.82 No	1.616 Thermal Discharging
SMT091	368	'3078944_/_3078941_2'		0.77	1.33	3.33	0.536	0.3	2.14	0.61 No	0.3 Element Fault
SMT091	369	'43258786_/_3078844_2'		0.77	1.33	3.33	0.536	0.3	2.14	0.61 No	0.3 Element Fault
SMT091	370	'3082295_/_3082293'		0.73	1.3	3.33	0.536	0.3	2.08	0.61 No	0.3 Element Fault
SMT091	371	'3078962_/_3078959'		0.73	1.3	3.33	0.536	0.3	2.08	0.61 No	0.3 Element Fault
SMT091	372	'3129988_/_3129986'		0.73	1.27	3.33	0.536	0.5	2.08	0.61 No	0.5 Element Fault
SMT091	373	'9139755_/_584885922'		0.87	1.5	3.33	0.536	0.3	1.72	0.61 No	0.3 Element Fault
SMT091	374	'3078867_/_43258788'		0.73	1.27	3.33	0.536	0.3	2.07	0.61 No	0.3 Element Fault
SMT091	375	'3078975_/_3078972'		0.7	1.23	3.33	0.536	0.3	2.02	0.61 No	0.3 Element Fault
SMT091	376	'43258810_/_3082351'		0.7	1.23	3.33	0.536	0.3	2	0.61 No	0.3 Element Fault
SMT091	377	'3078742_/_3078881'		0.7	1.23	3.33	0.536	0.3	1.98	0.61 No	0.3 Element Fault
SMT091	378	'52464499_/_43257017'		0.67	1.23	3.33	0.536	0.5	1.98	0.61 No	0.5 Element Fault
SMT091	379	'3078988_/_3078985'		0.7	1.2	3.33	0.536	0.3	1.97	0.61 No	0.3 Element Fault
SMT091	380	'37656990_/_8508053'		2.1	3.5	10	1.616	3.7	5.9	1.82 No	1.616 Thermal Discharging
SMT091	381	'3082727_/_3082725'		0.67	1.17	3.33	0.536	0.3	1.93	0.61 No	0.3 Element Fault
SMT091	382	'3078743_/_3078740'		0.67	1.17	3.33	0.536	0.3	1.92	0.61 No	0.3 Element Fault
SMT091	383	'43258821_/_43258823'		0.67	1.17	3.33	0.536	0.3	1.9	0.61 No	0.3 Element Fault
SMT091	384	'3079001_/_3078998'		0.67	1.17	3.33	0.536	0.3	1.9	0.61 No	0.3 Element Fault
SMT091	385	'3078768_/_3078753'		0.67	1.17	3.33	0.536	0.3	1.89	0.61 No	0.3 Element Fault
SMT091	386	'3082740_/_3082738'		0.67	1.17	3.33	0.536	0.3	1.89	0.61 No	0.3 Element Fault
SMT091	387	'3082366_/_3082364_1'		0.63	1.13	3.33	0.536	0.1	1.87	0.61 No	0.1 Element Fault
SMT091	388	'273700220_/_3078766'		0.63	1.13	3.33	0.536	0.3	1.84	0.61 No	0.3 Element Fault
SMT091	389	'3082367_/_3082364_2'		0.6	1.1	3.33	0.536	0.1	1.78	0.61 No	0.1 Element Fault
SMT091	390	'3078769_/_273700222'		0.6	1.1	3.33	0.536	0.3	1.78	0.61 No	0.3 Element Fault
SMT091	391	'3082424_/_3082422_1'		0.6	1.07	3.33	0.536	0.1	1.77	0.61 No	0.1 Element Fault
SMT091	392	'3078782_/_74573921'		0.6	1.07	3.33	0.536	0.3	1.74	0.61 No	0.3 Element Fault
SMT091	393	'3082408_/_3082422_2'		0.6	1.07	3.33	0.536	0.1	1.73	0.61 No	0.1 Element Fault
SMT091	394	'3078795_/_74573965'		0.6	1.03	3.33	0.536	0.3	1.71	0.61 No	0.3 Element Fault
SMT091	395	'3082409_/_3082406'		0.57	1.03	3.33	0.536	0.1	1.69	0.61 No	0.1 Element Fault
SMT091	396	'102195033_/_74574124'		0.57	1	3.33	0.536	0.3	1.66	0.61 No	0.3 Element Fault
SMT091	397	'3078834_/_102195035'		0.53	0.97	3.33	0.536	0.3	1.6	0.61 No	0.3 Element Fault
SMT091	398	'3082451_/_3082448_2'		0.53	0.97	3.33	0.536	0.3	1.59	0.61 No	0.3 Element Fault
SMT091	399	'74574613_/_74574155'		0.53	0.93	3.33	0.536	0.3	1.56	0.61 No	0.3 Element Fault
SMT091	400	'3082450_/_3082448_1'		0.53	0.93	3.33	0.536	0.2	1.56	0.61 No	0.2 Element Fault
SMT091	401	'71946758_/_74574531_2'		0.53	0.93	3.33	0.536	0.3	1.55	0.61 No	0.3 Element Fault
SMT091	402	'74574593_/_74574531_1'		0.53	0.93	3.33	0.536	0.1	1.54	0.61 No	0.1 Element Fault
SMT091	403	'3138450_/_3138447'		0.53	0.93	3.33	0.536	0.3	1.54	0.61 No	0.3 Element Fault
SMT091	404	'74574604_/_74574558'		0.5	0.93	3.33	0.536	0.1	1.51	0.61 No	0.1 Element Fault
SMT091	405	'458812880_/_88203624'		1.5	2.1	10	1.616	1.7	3.33	1.82 No	1.5 Primary Over-Voltage
SMT091	406	'498871854_/_458812882_1'		1.5	2	10	1.616	1.7	3.29	1.82 No	1.5 Primary Over-Voltage
SMT091	407	'88203627_/_458812882_2'		1.4	1.8	10	1.616	1.7	2.91	1.82 No	1.4 Primary Over-Voltage
SMT092	0	'SMT092_/_64723852'		10	10	10	0	10	10	3.06 Yes	0 Thermal Discharging
SMT092	1	'114296856_/_64723852'		10	10	10	0	10	10	3.06 Yes	0 Thermal Discharging
SMT092	2	'114297008_/_64724672_2'		10	10	10	0	10	10	3.06 Yes	0 Thermal Discharging
SMT092	3	'65883085_/_64724672_1'		10	10	10	0	10	10	3.06 Yes	0 Thermal Discharging
SMT092	4	'65883091_/_65883040'		10	10	10	0	10	10	3.06 Yes	0 Thermal Discharging
SMT092	5	'426780184_/_426780181'		10	10	10	0	10	10	3.05 Yes	0 Thermal Discharging
SMT092	6	'426780202_/_426780199'		10	10	10	0	10	10	3.04 Yes	0 Thermal Discharging
SMT092	7	'426780247_/_426780244'		10	10	10	0	10	10	3.03 Yes	0 Thermal Discharging
SMT092	8	'426780265_/_426780262'		10	10	10	0	10	10	3.01 Yes	0 Thermal Discharging
SMT092	9	'426780283_/_426780280'		10	10	10	0	10	10	3 Yes	0 Thermal Discharging
SMT092	10	'426780301_/_426780298'		10	10	10	0	10	10	3 Yes	0 Thermal Discharging
SMT092	11	'426780368_/_426780365'		10	10	10	0	10	10	2.99 Yes	0 Thermal Discharging
SMT092	12	'426780398_/_426780383'		10	10	10	0	10	10	2.98 Yes	0 Thermal Discharging
SMT092	13	'426780399_/_426780396'		10	10	10	0	10	10	2.97 Yes	0 Thermal Discharging
SMT092	14	'426780422_/_426780419'		10	10	10	0	10	10	2.95 Yes	0 Thermal Discharging
SMT092	15	'426780445_/_426780442'		10	10	10	0	10	10	2.94 Yes	0 Thermal Discharging
SMT092	16	'426780463_/_426780460'		10	10	10	0	10	10	2.94 Yes	0 Thermal Discharging
SMT092	17	'426780481_/_426780478'		10	10	10	0	10	10	2.93 Yes	0 Thermal Discharging
SMT092	18	'426780499_/_426780496'		10	10	10	0	10	10	2.93 Yes	0 Thermal Discharging
SMT092	19	'426780517_/_426780514'		10	10	10	0	10	10	2.93 Yes	0 Thermal Discharging
SMT092	20	'426780535_/_426780532'		10	10	10	0	10	10	2.93 Yes	0 Thermal Discharging
SMT092	21	'426780559_/_426780556'		10	10	10	0	10	10	2.93 Yes	0 Thermal Discharging
SMT092	22	'426780577_/_426780574'		10	10	10	0	10	10	2.93 Yes	0 Thermal Discharging
SMT092	23	'426716713_/_426780600'		10	10	10	0	10	10	2.93 Yes	0 Thermal Discharging
SMT092	24	'426716728_/_426716722'		10	10	10	0	10	10	2.93 Yes	0 Thermal Discharging
SMT092	25	'426716749_/_426780613'		10	10	10	0	10	10	2.93 Yes	0 Thermal Discharging
SMT092	26	'426716755_/_426780640'		10	10	10	0	10	10	2.93 Yes	0 Thermal Discharging
SMT092	27	'426716825_/_426780667'		10	10	10	0	10	10	2.93 Yes	0 Thermal Discharging
SMT092	28	'426716853_/_426780688'		10	10	10	0	10	10	2.93 Yes	0 Thermal Discharging
SMT092	29	'426716879_/_426780713'		10	10	10	0	10	10	2.93 Yes	0 Thermal Discharging
SMT092	30	'426716904_/_426780731'		10	10	10	0	10	10	2.93 Yes	0 Thermal Discharging
SMT092	31	'426716923_/_426780746'		10	10	10	0	10	10	2.93 Yes	0 Thermal Discharging
SMT092	32	'426716956_/_426780759'		10	10	10	0	10	10	2.93 Yes	0 Thermal Discharging
SMT092	33	'426716975_/_426780781'		10	10	10	0	10	10	2.93 Yes	0 Thermal Discharging
SMT092	34	'426717010_/_426717004'		10	10	10	0	10	10	2.93 Yes	0 Thermal Discharging
SMT092	35	'426717032_/_426717026'		10	10	10	0	10	10	2.93 Yes	0 Thermal Discharging
SMT092	36	'426717059_/_426781286'		10	10	10	0	10	10	2.93 Yes	0 Thermal Discharging
SMT092	37	'426717083_/_426781304'		10	10	10	0	10	10	2.93 Yes	0 Thermal Discharging
SMT092	38	'426717109_/_426781333'		10	10	10	0	10	10	2.93 Yes	0 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SMT092	39	'426717155_/_426781351'		10	10	10	0	10	10	2.93 Yes	0 Thermal Discharging
SMT092	40	'426717182_/_426781374'		6.6	10	10	0	10	10	2.93 Yes	0 Thermal Discharging
SMT092	41	'426717188_/_426781397'		5.5	10	10	0	10	10	2.93 Yes	0 Thermal Discharging
SMT092	42	'426717194_/_426781420'		4.9	10	10	0	10	10	2.93 Yes	0 Thermal Discharging
SMT092	43	'426717203_/_426781443'		4.5	10	10	0	10	10	2.93 Yes	0 Thermal Discharging
SMT092	44	'426717317_/_426781466'		4.1	10	10	0	10	10	2.93 Yes	0 Thermal Discharging
SMT092	45	'482804249_/_426781489'		3.8	10	10	0	10	10	2.93 Yes	0 Thermal Discharging
SMT092	46	'426717356_/_426717350'		3.7	10	10	0	10	10	2.93 Yes	0 Thermal Discharging
SMT092	47	'426781515_/_426781512'		3.5	10	10	0	10	10	2.93 Yes	0 Thermal Discharging
SMT092	48	'426717406_/_426781536'		3.2	10	10	0	10	10	2.93 Yes	0 Thermal Discharging
SMT092	49	'426717420_/_426781562'		3.1	10	10	0	10	10	2.93 Yes	0 Thermal Discharging
SMT092	50	'426717444_/_426781586'		3	10	10	0	10	10	2.93 Yes	0 Thermal Discharging
SMT092	51	'426717530_/_426717465'		2.9	10	10	0	10	10	2.93 Yes	0 Thermal Discharging
SMT092	52	'426781606_/_426717487'		2.7	10	10	0	10	10	2.93 Yes	0 Thermal Discharging
SMT092	53	'426781607_/_426781604'		2.5	10	10	0	10	10	2.93 Yes	0 Thermal Discharging
SMT092	54	'426717562_/_426717556'		2.5	10	10	0	10	10	2.93 Yes	0 Thermal Discharging
SMT092	55	'426781630_/_426781627'		2.4	10	10	0	10	10	2.93 Yes	0 Thermal Discharging
SMT092	56	'426781660_/_426781645'		2.3	10	10	0	10	10	2.93 Yes	0 Thermal Discharging
SMT092	57	'426781661_/_426781658'		2.2	10	10	0	10	10	2.93 Yes	0 Thermal Discharging
SMT092	58	'426781683_/_426781681'		2.2	10	10	0	10	10	2.93 Yes	0 Thermal Discharging
SMT092	59	'426781708_/_426781705'		2.1	10	10	0	10	10	2.93 Yes	0 Thermal Discharging
SMT092	60	'426781726_/_426781723'		2	10	10	0	10	10	2.93 Yes	0 Thermal Discharging
SMT092	61	'426717665_/_426717659'		2	10	10	0	10	10	2.93 Yes	0 Thermal Discharging
SMT092	62	'426717700_/_426781749'		1.9	10	10	0	10	10	2.93 Yes	0 Thermal Discharging
SMT092	63	'119047519_/_485209292'		1.9	10	10	0	10	10	2.93 Yes	0 Thermal Discharging
SMT092	64	'482804981_/_414505300_2'		1.9	10	10	0	6	10	2.93 Yes	0 Thermal Discharging
SMT092	65	'426717728_/_414505300_1'		1.9	10	10	0	6	10	2.93 Yes	0 Thermal Discharging
SMT092	66	'426717713_/_426781767'		1.9	10	10	0	10	10	2.93 Yes	0 Thermal Discharging
SMT092	67	'119047489_/_119047220'		1.9	10	10	0	4.7	10	2.93 Yes	0 Thermal Discharging
SMT092	68	'3080776_/_3080773'		1.8	10	10	0	6	10	2.93 Yes	0 Thermal Discharging
SMT092	69	'119047352_/_119047316_1'		1.9	10	10	0	3.3	10	2.93 Yes	0 Thermal Discharging
SMT092	70	'426717769_/_426781790'		1.9	10	10	0	10	10	2.93 Yes	0 Thermal Discharging
SMT092	71	'77048017_/_3080756'		1.9	10	10	0	6	10	2.93 Yes	0 Thermal Discharging
SMT092	72	'77048103_/_3080884'		1.8	10	10	0	6	10	2.93 Yes	0 Thermal Discharging
SMT092	73	'426717793_/_426781808'		1.9	10	10	0	10	10	2.93 Yes	0 Thermal Discharging
SMT092	74	'3081375_/_3081372'		1.9	10	10	0	6.9	10	2.93 Yes	0 Thermal Discharging
SMT092	75	'3080792_/_3080790'		1.9	10	10	0	6	10	2.93 Yes	0 Thermal Discharging
SMT092	76	'77048157_/_3080413'		1.7	10	10	0	6	10	2.93 Yes	0 Thermal Discharging
SMT092	77	'426717822_/_426781826'		1.9	10	10	0	10	10	2.93 Yes	0 Thermal Discharging
SMT092	78	'50789142_/_50789139'		1.9	10	10	0	6	10	2.93 Yes	0 Thermal Discharging
SMT092	79	'77048169_/_50789215'		1.7	10	10	0	6	10	2.93 Yes	0 Thermal Discharging
SMT092	80	'117927676_/_3080867_2'		0.63	3.33	3.33	0	1	3.33	0.98 Yes	0 Thermal Discharging
SMT092	81	'3081028_/_3081009'		1.9	10	10	0	6	10	2.93 Yes	0 Thermal Discharging
SMT092	82	'426717848_/_426781844'		2	10	10	0	10	10	2.93 Yes	0 Thermal Discharging
SMT092	83	'77048006_/_3081355'		1.9	10	10	0	6.9	10	2.93 Yes	0 Thermal Discharging
SMT092	84	'77048220_/_3080447'		1.7	10	10	0	6	10	2.93 Yes	0 Thermal Discharging
SMT092	85	'50789064_/_50789061'		1.9	10	10	0	6	10	2.93 Yes	0 Thermal Discharging
SMT092	86	'77048301_/_7155015'		2	10	10	0	10	10	2.93 Yes	0 Thermal Discharging
SMT092	87	'413431984_/_411404718_1'		0.63	3.33	3.33	0	0.5	3.33	0.98 Yes	0 Thermal Discharging
SMT092	88	'88544324_/_88543921_2'		0.63	3.33	3.33	0	1.4	3.33	0.98 Yes	0 Thermal Discharging
SMT092	89	'77048121_/_3081389'		1.9	10	10	0	6.9	10	2.93 Yes	0 Thermal Discharging
SMT092	90	'3081080_/_3081094'		1.9	10	10	0	6	10	2.93 Yes	0 Thermal Discharging
SMT092	91	'3080467_/_3080464'		1.6	10	10	0	6	10	2.93 Yes	0 Thermal Discharging
SMT092	92	'411404699_/_411404718_2'		0.63	3.33	3.33	0	0.5	3.33	0.98 Yes	0 Thermal Discharging
SMT092	93	'106243995_/_88543786_1'		0.63	3.33	3.33	0	0.7	3.33	0.98 Yes	0 Thermal Discharging
SMT092	94	'77048399_/_3081077'		1.9	10	10	0	6	10	2.93 Yes	0 Thermal Discharging
SMT092	95	'88543895_/_88543921_1'		0.63	3.33	3.33	0	0.7	3.33	0.98 Yes	0 Thermal Discharging
SMT092	96	'3080484_/_3080481'		1.6	10	10	0	6	10	2.93 Yes	0 Thermal Discharging
SMT092	97	'3081304_/_3081318'		1.9	10	10	0	6.9	10	2.93 Yes	0 Thermal Discharging
SMT092	98	'77048455_/_8194503_2'		1.9	10	10	0	4.3	10	2.93 Yes	0 Thermal Discharging
SMT092	99	'77047950_/_3080867_1'		0.63	3.33	3.33	0	0.5	3.33	0.98 Yes	0 Thermal Discharging
SMT092	100	'3080501_/_3080498'		1.6	10	10	0	6	10	2.93 Yes	0 Thermal Discharging
SMT092	101	'77048195_/_3081406'		1.9	10	10	0	6.9	10	2.93 Yes	0 Thermal Discharging
SMT092	102	'77047973_/_3080743_3'		0.63	3.33	3.33	0	0.5	3.33	0.98 Yes	0 Thermal Discharging
SMT092	103	'3080995_/_3081060'		1.9	10	10	0	6	10	2.93 Yes	0 Thermal Discharging
SMT092	104	'122973376_/_8822932_2'		0.63	3.33	3.33	0	0.5	3.33	0.98 Yes	0 Thermal Discharging
SMT092	105	'117927729_/_8822932_1'		0.63	3.33	3.33	0	0.3	3.33	0.98 Yes	0 Thermal Discharging
SMT092	106	'3080518_/_3080515'		1.5	10	10	0	6	10	2.93 Yes	0 Thermal Discharging
SMT092	107	'3080978_/_3080992'		1.9	10	10	0	6	10	2.93 Yes	0 Thermal Discharging
SMT092	108	'110361559_/_88543732_1'		0.63	3.33	3.33	0	0.5	3.33	0.98 Yes	0 Thermal Discharging
SMT092	109	'3080534_/_3080600'		1.5	10	10	0	6	10	2.93 Yes	0 Thermal Discharging
SMT092	110	'411404586_/_411404736'		0.6	3.33	3.33	0	0.5	3.33	0.98 Yes	0 Thermal Discharging
SMT092	111	'77048207_/_3080620'		1.8	10	10	0	6.9	10	2.93 Yes	0 Thermal Discharging
SMT092	112	'50718841_/_50718838'		1.9	10	10	0	6	10	2.93 Yes	0 Thermal Discharging
SMT092	113	'3080535_/_3080532'		1.5	10	10	0	6	10	2.93 Yes	0 Thermal Discharging
SMT092	114	'3080552_/_3080549'		1.4	10	10	0	6	10	2.93 Yes	0 Thermal Discharging
SMT092	115	'485770337_/_485770018_1'		1.4	10	10	0	0.5	10	2.93 Yes	0 Thermal Discharging
SMT092	116	'485770021_/_485770018_2'		1.4	10	10	0	0.5	10	2.93 Yes	0 Thermal Discharging
SMT092	117	'485770371_/_485770156_1'		1.4	10	10	0	0.5	10	2.93 Yes	0 Thermal Discharging
SMT092	118	'485770382_/_485770156_2'		1.4	10	10	0	0.5	10	2.93 Yes	0 Thermal Discharging
SMT092	119	'3080944_/_3080975'		1.9	10	10	0	6	10	2.93 Yes	0 Thermal Discharging
SMT092	120	'485770159_/_485770156_3'		1.4	10	10	0	0.5	10	2.93 Yes	0 Thermal Discharging
SMT092	121	'3080569_/_3080566'		1.4	10	10	0	6	10	2.93 Yes	0 Thermal Discharging
SMT092	122	'3080907_/_3080941'		1.8	10	10	0	6	10	2.93 Yes	0 Thermal Discharging
SMT092	123	'3080327_/_3080583'		1.4	10	10	0	6	10	2.93 Yes	0 Thermal Discharging
SMT092	124	'43256054_/_3080743_2'		0.63	3.33	3.33	0	0.5	3.33	0.98 Yes	0 Thermal Discharging
SMT092	125	'50730787_/_3080743_1'		0.63	3.33	3.33	0	0.5	3.33	0.98 Yes	0 Thermal Discharging
SMT092	126	'88543775_/_88543786_2'		0.53	3.33	3.33	0	0.7	3.33	0.98 Yes	0 Thermal Discharging
SMT092	127	'447290930_/_447290902_1'		1.4	10	10	0	1.5	10	2.93 Yes	0 Thermal Discharging
SMT092	128	'3080906_/_3080904'		1.8	10	10	0	6	10	2.93 Yes	0 Thermal Discharging
SMT092	129	'77048232_/_7154995'		1.6	10	10	0	6.9	10	2.93 Yes	0 Thermal Discharging
SMT092	130	'447290883_/_447290902_2'		1.4	10	10	0	1.5	10	2.93 Yes	0 Thermal Discharging
SMT092	131	'3080686_/_3080921'		1.8	10	10	0	6	10	2.93 Yes	0 Thermal Discharging
SMT092	132	'53220248_/_3080325_1'		1.3	10	10	0	6	10	2.93 Yes	0 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over- Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SMT092	133	'3080328_/_3080325_2'		1.3	10	10	0	6	10	2.93 Yes	0 Thermal Discharging
SMT092	134	'9378974_/_3080342_1'		1.3	10	10	0	6	10	2.93 Yes	0 Thermal Discharging
SMT092	135	'61696794_/_3081972_2'		0.43	3.33	3.33	0	1.1	3.33	0.98 Yes	0 Thermal Discharging
SMT092	136	'3080345_/_3080342_2'		1.3	10	10	0	6	10	2.93 Yes	0 Thermal Discharging
SMT092	137	'3080200_/_3080684'		1.7	10	10	0	6	10	2.93 Yes	0 Thermal Discharging
SMT092	138	'9062309_/_9062307_1'		1.3	10	10	0	3.3	10	2.93 Yes	0 Thermal Discharging
SMT092	139	'3080362_/_3080359'		1.3	10	10	0	6	10	2.93 Yes	0 Thermal Discharging
SMT092	140	'3080184_/_3080198'		1.7	10	10	0	6	10	2.93 Yes	0 Thermal Discharging
SMT092	141	'3080224_/_3080221'		1.7	10	10	0	6	10	2.93 Yes	0 Thermal Discharging
SMT092	142	'3080167_/_3080164_2'		1.7	10	10	0	3.2	10	2.93 Yes	0 Thermal Discharging
SMT092	143	'3080379_/_3080376'		1.3	10	10	0	6	10	2.93 Yes	0 Thermal Discharging
SMT092	144	'88543721_/_88543732_2'		0.5	3.33	3.33	0	0.5	3.33	0.98 Yes	0 Thermal Discharging
SMT092	145	'3081693_/_3081707'		1.6	10	10	0	6	10	2.93 Yes	0 Thermal Discharging
SMT092	146	'3081962_/_3081972_1'		0.43	3.33	3.33	0	0.5	3.33	0.98 Yes	0 Thermal Discharging
SMT092	147	'3080399_/_3080396'		1.2	10	10	0	6	10	2.93 Yes	0 Thermal Discharging
SMT092	148	'3081692_/_3081690'		1.6	10	10	0	6	10	2.93 Yes	0 Thermal Discharging
SMT092	149	'3080147_/_3080164_1'		1.5	10	10	0	1.5	10	2.93 Yes	0 Thermal Discharging
SMT092	150	'7872514_/_117927734'		0.53	3.33	3.33	0	0.3	3.33	0.98 Yes	0 Thermal Discharging
SMT092	151	'3081429_/_3081426'		1.2	10	10	0	6	10	2.93 Yes	0 Thermal Discharging
SMT092	152	'3081815_/_354088462_2'		1.07	6.67	6.67	0	2.3	6.67	1.95 Yes	0 Thermal Discharging
SMT092	153	'354088460_/_354088462_1'		1.07	6.67	6.67	0	1	6.67	1.95 Yes	0 Thermal Discharging
SMT092	154	'3081814_/_3081830'		1	6.67	6.67	0	1	6.67	1.95 Yes	0 Thermal Discharging
SMT092	155	'7244729_/_354088487_1'		1	6.67	6.67	0	0.6	6.67	1.95 Yes	0 Thermal Discharging
SMT092	156	'7244747_/_7244745_2'		1	6.67	6.67	0	1	6.67	1.95 Yes	0 Thermal Discharging
SMT092	157	'3081446_/_3081443'		1.2	10	10	0	6	10	2.93 Yes	0 Thermal Discharging
SMT092	158	'39490511_/_9062307_2'		1.1	10	10	0	3.3	10	2.93 Yes	0 Thermal Discharging
SMT092	159	'7485039_/_7485036'		0.67	6.67	6.67	0	2.2	6.67	1.95 Yes	0 Thermal Discharging
SMT092	160	'416151435_/_88543836'		0.43	3.33	3.33	0	0.7	3.33	0.98 Yes	0 Thermal Discharging
SMT092	161	'3081961_/_3081959'		0.47	3.33	3.33	0	0.5	3.33	0.98 Yes	0 Thermal Discharging
SMT092	162	'3081465_/_3081483'		1.1	10	10	0	6	10	2.93 Yes	0 Thermal Discharging
SMT092	163	'416151470_/_416151507'		0.4	3.33	3.33	0	0.7	3.33	0.98 Yes	0 Thermal Discharging
SMT092	164	'56857555_/_9061951'		1	10	10	0	3.3	10	2.93 Yes	0 Thermal Discharging
SMT092	165	'53220188_/_3081463'		1.1	10	10	0	6	10	2.93 Yes	0 Thermal Discharging
SMT092	166	'416151400_/_416151489'		0.4	3.33	3.33	0	0.7	3.33	0.98 Yes	0 Thermal Discharging
SMT092	167	'3080146_/_3080144'		1.3	10	10	0	1.5	10	2.93 Yes	0 Thermal Discharging
SMT092	168	'88543860_/_88543906'		0.4	3.33	3.33	0	0.7	3.33	0.98 Yes	0 Thermal Discharging
SMT092	169	'68309957_/_53220452_1'		1.1	10	10	0	1.5	10	2.93 Yes	0 Thermal Discharging
SMT092	170	'119046935_/_119047316_2'		1.1	10	10	0	3.3	10	2.93 Yes	0 Thermal Discharging
SMT092	171	'119046927_/_119046931'		1.1	10	10	0	3.3	10	2.93 Yes	0 Thermal Discharging
SMT092	172	'3081466_/_53220185_1'		1.1	10	10	0	6	10	2.93 Yes	0 Thermal Discharging
SMT092	173	'119046949_/_119046945'		0.37	3.33	3.33	0	0.4	3.33	0.98 Yes	0 Thermal Discharging
SMT092	174	'119046928_/_119046924'		0.37	3.33	3.33	0	0.3	3.33	0.98 Yes	0 Thermal Discharging
SMT092	175	'119046942_/_119046938'		1.1	10	10	0	3.3	10	2.93 Yes	0 Thermal Discharging
SMT092	176	'50671332_/_53220185_2'		1.1	10	10	0	6	10	2.93 Yes	0 Thermal Discharging
SMT092	177	'54250518_/_50671329'		1.1	10	10	0	6	10	2.93 Yes	0 Thermal Discharging
SMT092	178	'3081505_/_542505020'		1.1	10	10	0	6	10	2.93 Yes	0 Thermal Discharging
SMT092	179	'54370870_/_54370855_2'		1.1	10	10	0	6	10	2.93 Yes	0 Thermal Discharging
SMT092	180	'411539688_/_416151404'		0.37	3.33	3.33	0	0.7	3.33	0.98 Yes	0 Thermal Discharging
SMT092	181	'54370745_/_3081503'		1.1	10	10	0	6	10	2.93 Yes	0 Thermal Discharging
SMT092	182	'3080103_/_7244745_1'		0.87	6.67	6.67	0	0.6	6.67	1.95 Yes	0 Thermal Discharging
SMT092	183	'131849092_/_131849089'		1.1	10	10	0	6	10	2.93 Yes	0 Thermal Discharging
SMT092	184	'54370906_/_54370830_1'		1.1	10	10	0	0.4	10	2.93 Yes	0 Thermal Discharging
SMT092	185	'3077964_/_131849108'		1.1	10	10	0	6	10	2.93 Yes	0 Thermal Discharging
SMT092	186	'411539758_/_411539777'		0.37	3.33	3.33	0	0.7	3.33	0.98 Yes	0 Thermal Discharging
SMT092	187	'411539723_/_411539795'		0.37	3.33	3.33	0	0.7	3.33	0.98 Yes	0 Thermal Discharging
SMT092	188	'390821860_/_8505649_2'		1	10	10	0	5.3	10	2.93 Yes	0 Thermal Discharging
SMT092	189	'50370237_/_3081988'		0.4	3.33	3.33	0	0.5	3.33	0.98 Yes	0 Thermal Discharging
SMT092	190	'56857546_/_56857582'		0.9	10	10	0	3.3	10	2.93 Yes	0 Thermal Discharging
SMT092	191	'3080034_/_3080637'		1.2	10	10	0	1.5	10	2.93 Yes	0 Thermal Discharging
SMT092	192	'131849150_/_131849147'		1	10	10	0	6	10	2.93 Yes	0 Thermal Discharging
SMT092	193	'7244642_/_8505649_1'		1	10	10	0	3.2	10	2.93 Yes	0 Thermal Discharging
SMT092	194	'503332622_/_503332638'		0.9	10	10	0	5.3	10	2.93 Yes	0 Thermal Discharging
SMT092	195	'416140029_/_411539727'		0.33	3.33	3.33	0	0.7	3.33	0.98 Yes	0 Thermal Discharging
SMT092	196	'503332693_/_503332701'		0.9	10	10	0	5.3	10	2.93 Yes	0 Thermal Discharging
SMT092	197	'3073162_/_131849172'		1	10	10	0	6	10	2.93 Yes	0 Thermal Discharging
SMT092	198	'416140099_/_416140118'		0.33	3.33	3.33	0	0.7	3.33	0.98 Yes	0 Thermal Discharging
SMT092	199	'465602494_/_131849187_2'		1	10	10	0	6	10	2.93 Yes	0 Thermal Discharging
SMT092	200	'131849190_/_131849187_1'		1	10	10	0	6	10	2.93 Yes	0 Thermal Discharging
SMT092	201	'465602533_/_465602491_2'		1	10	10	0	6	10	2.93 Yes	0 Thermal Discharging
SMT092	202	'7244641_/_7244639'		0.9	10	10	0	3.2	10	2.93 Yes	0 Thermal Discharging
SMT092	203	'610475527_/_6160687480'		0.9	10	10	0	3.2	10	2.93 Yes	0 Thermal Discharging
SMT092	204	'3072883_/_131849206'		1	10	10	0	6	10	2.93 Yes	0 Thermal Discharging
SMT092	205	'416140064_/_416140136'		0.33	3.33	3.33	0	0.7	3.33	0.98 Yes	0 Thermal Discharging
SMT092	206	'3081949_/_3081946'		0.37	3.33	3.33	0	0.5	3.33	0.98 Yes	0 Thermal Discharging
SMT092	207	'348039217_/_383259384_2'		1	10	10	0	5.7	10	2.93 Yes	0 Thermal Discharging
SMT092	208	'7244730_/_354088487_2'		0.73	6.67	6.67	0	0.6	6.67	1.95 Yes	0 Thermal Discharging
SMT092	209	'54370793_/_54370830_2'		0.9	10	10	0	0.4	10	2.93 Yes	0 Thermal Discharging
SMT092	210	'7872441_/_8194503_1'		1	10	10	0	1.5	10	2.93 Yes	0 Thermal Discharging
SMT092	211	'56857602_/_56857629'		0.8	10	10	0	3.3	10	2.93 Yes	0 Thermal Discharging
SMT092	212	'7872513_/_7872511'		0.4	3.33	3.33	0	0.3	3.33	0.98 Yes	0 Thermal Discharging
SMT092	213	'564565634_/_54370797'		0.9	10	10	0	0.4	10	2.93 Yes	0 Thermal Discharging
SMT092	214	'415761985_/_416140068'		0.33	3.33	3.33	0	0.7	3.33	0.98 Yes	0 Thermal Discharging
SMT092	215	'7562287_/_565888200'		0.8	10	10	0	0.4	10	2.93 Yes	0 Thermal Discharging
SMT092	216	'538609416_/_415762074_1'		0.1	2.7	3.33	0	0.7	3.33	0.98 Yes	0 Thermal Discharging
SMT092	217	'9137594_/_9137591'		0.3	3.33	3.33	0	0.5	3.33	0.98 Yes	0 Thermal Discharging
SMT092	218	'92098578_/_119047138'		0.37	3.33	3.33	0	0.4	3.33	0.98 Yes	0 Thermal Discharging
SMT092	219	'349031774_/_112052651'		0.8	10	10	0	3.3	10	2.93 Yes	0 Thermal Discharging
SMT092	220	'43251534_/_3080031'		1	10	10	0	1.5	10	2.93 Yes	0 Thermal Discharging
SMT092	221	'53220445_/_53220452_2'		0.8	10	10	0	1.5	10	2.93 Yes	0 Thermal Discharging
SMT092	222	'61696790_/_8505485_2'		0.33	3.33	3.33	0	0.5	3.33	0.98 Yes	0 Thermal Discharging
SMT092	223	'88543825_/_88543871'		0.3	3.33	3.33	0	0.7	3.33	0.98 Yes	0 Thermal Discharging
SMT092	224	'86498582_/_119047006'		0.9	10	10	0	3.3	10	2.93 Yes	0 Thermal Discharging
SMT092	225	'92099652_/_119047092'		0.37	3.33	3.33	0	0.3	3.33	0.98 Yes	0 Thermal Discharging
SMT092	226	'7562254_/_8505669'		0.33	3.33	3.33	0	0.3	3.33	0.98 Yes	0 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SMT092	227	'349031858_/349031915'	0.7	10	10	0	3.3	10	2.93 Yes	0	Thermal Discharging
SMT092	228	'53220567_/52979725'	0.7	10	10	0	1.5	10	2.93 Yes	0	Thermal Discharging
SMT092	229	'3079993_/3079991'	0.8	10	10	0	1.5	10	2.93 Yes	0	Thermal Discharging
SMT092	230	'8505488_/8505485_1'	0.27	3.33	3.33	0	0.3	3.33	0.98 Yes	0	Thermal Discharging
SMT092	231	'7799632_/7799629'	0.43	3.33	3.33	0	1.1	3.33	0.98 Yes	0	Thermal Discharging
SMT092	232	'451120147_/451120149'	0.8	10	10	0	1.5	10	2.93 Yes	0	Thermal Discharging
SMT092	233	'451120232_/451120204_1'	0.8	10	10	0	0.9	10	2.93 Yes	0	Thermal Discharging
SMT092	234	'7872442_/7872439'	0.7	10	10	0	1.5	10	2.93 Yes	0	Thermal Discharging
SMT092	235	'54367869_/86498591'	0.7	10	10	0	3.3	10	2.93 Yes	0	Thermal Discharging
SMT092	236	'349031816_/349031877'	0.6	10	10	0	3.3	10	2.93 Yes	0	Thermal Discharging
SMT092	237	'7562255_/7562252'	0.3	3.33	3.33	0	0.3	3.33	0.98 Yes	0	Thermal Discharging
SMT092	238	'3080016_/3080014'	0.7	10	10	0	1.5	10	2.93 Yes	0	Thermal Discharging
SMT092	239	'8194467_/9137553_2'	0.7	10	10	0	1.5	10	2.93 Yes	0	Thermal Discharging
SMT092	240	'610475528_/610475504'	0.6	10	10	0	3.2	10	2.93 Yes	0	Thermal Discharging
SMT092	241	'39435695_/54366852'	0.7	10	10	0	3.3	10	2.93 Yes	0	Thermal Discharging
SMT092	242	'38024857_/38024855'	0.7	10	10	0	3.3	10	2.93 Yes	0	Thermal Discharging
SMT092	243	'39435716_/54366827'	0.23	3.33	3.33	0	1.1	3.33	0.98 Yes	0	Thermal Discharging
SMT092	244	'39435709_/38024869'	0.7	10	10	0	3.3	10	2.93 Yes	0	Thermal Discharging
SMT092	245	'39435702_/38024862'	0.7	10	10	0	3.3	10	2.93 Yes	0	Thermal Discharging
SMT092	246	'451120185_/451120204_2'	0.7	10	10	0	0.9	10	2.93 Yes	0	Thermal Discharging
SMT092	247	'9137555_/9137553_1'	0.7	10	10	0	0.9	10	2.93 Yes	0	Thermal Discharging
SMT092	248	'50403864_/3080082'	0.47	6.67	6.67	0	1	6.67	1.95 Yes	0	Thermal Discharging
SMT092	249	'92100179_/92100211'	0.27	3.33	3.33	0	0.3	3.33	0.98 Yes	0	Thermal Discharging
SMT092	250	'466996591_/349031820'	0.6	10	10	0	3.3	10	2.93 Yes	0	Thermal Discharging
SMT092	251	'92099963_/92099995'	0.27	3.33	3.33	0	0.4	3.33	0.98 Yes	0	Thermal Discharging
SMT092	252	'466996622_/466996638'	0.5	10	10	0	3.3	10	2.93 Yes	0	Thermal Discharging
SMT092	253	'8433832_/8433830'	0.6	10	10	0	3.3	10	2.93 Yes	0	Thermal Discharging
SMT092	254	'578919384_/578919388'	0.2	3.33	3.33	0	0.7	3.33	0.98 Yes	0	Thermal Discharging
SMT092	255	'466996560_/466996654'	0.5	10	10	0	3.3	10	2.93 Yes	0	Thermal Discharging
SMT092	256	'92099865_/92099974'	0.23	3.33	3.33	0	0.4	3.33	0.98 Yes	0	Thermal Discharging
SMT092	257	'40367404_/44098514'	0.2	3.33	3.33	0	1.1	3.33	0.98 Yes	0	Thermal Discharging
SMT092	258	'40672862_/44101951'	0.2	3.33	3.33	0	1.1	3.33	0.98 Yes	0	Thermal Discharging
SMT092	259	'112052646_/466996564'	0.5	10	10	0	3.3	10	2.93 Yes	0	Thermal Discharging
SMT092	260	'119048722_/92100857'	0.23	3.33	3.33	0	0.3	3.33	0.98 Yes	0	Thermal Discharging
SMT092	261	'87211376_/87211387'	0.4	10	10	0	1.5	10	2.93 Yes	0	Thermal Discharging
SMT092	262	'7244797_/7872527'	0.23	3.33	3.33	0	0.3	3.33	0.98 Yes	0	Thermal Discharging
SMT092	263	'8130649_/8130647'	0.2	3.33	3.33	0	1.1	3.33	0.98 Yes	0	Thermal Discharging
SMT092	264	'7802975_/7802973_2'	0.17	3.33	3.33	0	1.1	3.33	0.98 Yes	0	Thermal Discharging
SMT092	265	'53212371_/57810560'	0.23	3.33	3.33	0	1.1	3.33	0.98 Yes	0	Thermal Discharging
SMT092	266	'112052728_/112052757'	0.4	10	10	0	3.3	10	2.93 Yes	0	Thermal Discharging
SMT092	267	'87211438_/87211449'	0.4	10	10	0	1.5	10	2.93 Yes	0	Thermal Discharging
SMT092	268	'53212260_/53212267'	0.23	3.33	3.33	0	1.1	3.33	0.98 Yes	0	Thermal Discharging
SMT092	269	'112052683_/112052739'	0.4	10	10	0	3.3	10	2.93 Yes	0	Thermal Discharging
SMT092	270	'578919547_/578919577'	0.17	3.33	3.33	0	0.7	3.33	0.98 Yes	0	Thermal Discharging
SMT092	271	'92098537_/92099876'	0.2	3.33	3.33	0	0.4	3.33	0.98 Yes	0	Thermal Discharging
SMT092	272	'119048841_/92100805'	0.2	3.33	3.33	0	0.3	3.33	0.98 Yes	0	Thermal Discharging
SMT092	273	'578919515_/578919563'	0.17	3.33	3.33	0	0.7	3.33	0.98 Yes	0	Thermal Discharging
SMT092	274	'54877350_/54877352'	0.17	3.33	3.33	0	1.1	3.33	0.98 Yes	0	Thermal Discharging
SMT092	275	'53212200_/53212286'	0.23	3.33	3.33	0	1.1	3.33	0.98 Yes	0	Thermal Discharging
SMT092	276	'465117377_/87211479'	0.4	10	10	0	1.5	10	2.93 Yes	0	Thermal Discharging
SMT092	277	'7244765_/7244795'	0.2	3.33	3.33	0	0.3	3.33	0.98 Yes	0	Thermal Discharging
SMT092	278	'92099436_/92100823'	0.2	3.33	3.33	0	0.3	3.33	0.98 Yes	0	Thermal Discharging
SMT092	279	'40362804_/44097398'	0.4	10	10	0	3.3	10	2.93 Yes	0	Thermal Discharging
SMT092	280	'54877411_/54877418'	0.13	3.33	3.33	0	1.1	3.33	0.98 Yes	0	Thermal Discharging
SMT092	281	'92098451_/92098548'	0.2	3.33	3.33	0	0.4	3.33	0.98 Yes	0	Thermal Discharging
SMT092	282	'86498516_/92099447'	0.17	3.33	3.33	0	0.3	3.33	0.98 Yes	0	Thermal Discharging
SMT092	283	'465117423_/465117478'	0.2	6.67	6.67	0	1	6.67	1.95 Yes	0	Thermal Discharging
SMT092	284	'54877510_/54877512'	0.13	3.33	3.33	0	1.1	3.33	0.98 Yes	0	Thermal Discharging
SMT092	285	'54366999_/54367006'	0.2	3.33	3.33	0	1.1	3.33	0.98 Yes	0	Thermal Discharging
SMT092	286	'54877533_/54877535'	0.13	3.33	3.33	0	1.1	3.33	0.98 Yes	0	Thermal Discharging
SMT092	287	'469701207_/465117445'	0.3	10	10	0	1.5	10	2.93 Yes	0	Thermal Discharging
SMT092	288	'414837970_/414837989'	0.13	3.33	3.33	0	0.3	3.33	0.98 Yes	0	Thermal Discharging
SMT092	289	'578919483_/578919531'	0.13	3.33	3.33	0	0.7	3.33	0.98 Yes	0	Thermal Discharging
SMT092	290	'54367034_/54367041'	0.2	3.33	3.33	0	1.1	3.33	0.98 Yes	0	Thermal Discharging
SMT092	291	'57810568_/53212209'	0.2	3.33	3.33	0	1.1	3.33	0.98 Yes	0	Thermal Discharging
SMT092	292	'53220534_/53220564'	0.23	3.33	3.33	0	0.5	3.33	0.98 Yes	0	Thermal Discharging
SMT092	293	'8117509_/9690244'	0.3	10	10	0	3.3	10	2.93 Yes	0	Thermal Discharging
SMT092	294	'39667928_/44094518'	0.3	10	10	0	3.3	10	2.93 Yes	0	Thermal Discharging
SMT092	295	'531827285_/469701249'	0.3	10	10	0	1.5	10	2.93 Yes	0	Thermal Discharging
SMT092	296	'68989956_/8117506_2'	0.3	10	10	0	3.3	10	2.93 Yes	0	Thermal Discharging
SMT092	297	'578919451_/578919499'	0.13	3.33	3.33	0	0.7	3.33	0.98 Yes	0	Thermal Discharging
SMT092	298	'54877379_/54877489'	0.13	3.33	3.33	0	1.1	3.33	0.98 Yes	0	Thermal Discharging
SMT092	299	'87211470_/465117381'	0.13	3.33	3.33	0	0.5	3.33	0.98 Yes	0	Thermal Discharging
SMT092	300	'386220252_/386220271'	0.13	3.33	3.33	0	1.1	3.33	0.98 Yes	0	Thermal Discharging
SMT092	301	'86498468_/86498525'	0.17	3.33	3.33	0	0.3	3.33	0.98 Yes	0	Thermal Discharging
SMT092	302	'92098351_/92098462'	0.17	3.33	3.33	0	0.4	3.33	0.98 Yes	0	Thermal Discharging
SMT092	303	'54367065_/54367072'	0.17	3.33	3.33	0	1.1	3.33	0.98 Yes	0	Thermal Discharging
SMT092	304	'53220503_/53220541'	0.23	3.33	3.33	0	0.5	3.23	0.98 Yes	0	Thermal Discharging
SMT092	305	'386220330_/386220349'	0.13	3.33	3.33	0	1.1	3.33	0.98 Yes	0	Thermal Discharging
SMT092	306	'386220420_/386220395_1'	0.07	1.87	3.33	0	1.1	3.33	0.98 Yes	0	Thermal Discharging
SMT092	307	'578919354_/578919467'	0.13	3.33	3.33	0	0.7	3.33	0.98 Yes	0	Thermal Discharging
SMT092	308	'92098363_/92098412'	0.17	3.27	3.33	0	0.4	3.33	0.98 Yes	0	Thermal Discharging
SMT092	309	'415249455_/415249459'	0.13	3.33	3.33	0	0.7	3.33	0.98 Yes	0	Thermal Discharging
SMT092	310	'415249525_/415249562'	0.13	3.33	3.33	0	0.7	3.33	0.98 Yes	0	Thermal Discharging
SMT092	311	'54367096_/54367103'	0.17	3.23	3.33	0	1.1	3.33	0.98 Yes	0	Thermal Discharging
SMT092	312	'415249490_/415249544'	0.13	3.33	3.33	0	0.7	3.33	0.98 Yes	0	Thermal Discharging
SMT092	313	'386220291_/386220310'	0.13	3.2	3.33	0	1.1	3.33	0.98 Yes	0	Thermal Discharging
SMT092	314	'109260908_/92098368'	0.13	3.17	3.33	0	0.4	3.33	0.98 Yes	0	Thermal Discharging
SMT092	315	'447042290_/447042296'	0.13	3.13	3.33	0	1.1	3.33	0.98 Yes	0	Thermal Discharging
SMT092	316	'50794989_/52979761'	0.2	3.33	3.33	0	0.5	3.07	0.98 Yes	0	Thermal Discharging
SMT092	317	'413385069_/413385073'	0.1	3.23	3.33	0	0.7	3.33	0.98 Yes	0	Thermal Discharging
SMT092	318	'413385118_/413385155'	0.1	3.2	3.33	0	0.7	3.33	0.98 Yes	0	Thermal Discharging
SMT092	319	'54367893_/54367125'	0.17	3.1	3.33	0	1.1	3.33	0.98 Yes	0	Thermal Discharging
SMT092	320	'413385034_/413385137'	0.1	3.2	3.33	0	0.7	3.33	0.98 Yes	0	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SMT092	321	'7512402_/_/8771928'		0.1	3.1	3.33	0	1.1	3.33	0.98 Yes	0 Thermal Discharging
SMT092	322	'86498431_/_/86498479'		0.13	3.07	3.33	0	0.3	3.33	0.98 Yes	0 Thermal Discharging
SMT092	323	'52979795_/_/52979802'		0.2	3.33	3.33	0	0.5	3	0.98 Yes	0 Thermal Discharging
SMT092	324	'416083961_/_/416083965'		0.1	3.1	3.33	0	0.7	3.33	0.98 Yes	0 Thermal Discharging
SMT092	325	'57810589_/_/57810596'		0.17	3.03	3.33	0	1.1	3.33	0.98 Yes	0 Thermal Discharging
SMT092	326	'416083996_/_/416084033'		0.1	3.1	3.33	0	0.7	3.33	0.98 Yes	0 Thermal Discharging
SMT092	327	'52979894_/_/52979901'		0.17	3.33	3.33	0	0.5	2.98	0.98 Yes	0 Thermal Discharging
SMT092	328	'416083926_/_/416084015'		0.1	3.07	3.33	0	0.7	3.33	0.98 Yes	0 Thermal Discharging
SMT092	329	'447042481_/_/447042518'		0.1	2.97	3.33	0	1.1	3.33	0.98 Yes	0 Thermal Discharging
SMT092	330	'415762020_/_/415762024'		0.1	3	3.33	0	0.7	3.33	0.98 Yes	0 Thermal Discharging
SMT092	331	'7512386_/_/7512399'		0.1	2.9	3.33	0	1.1	3.33	0.98 Yes	0 Thermal Discharging
SMT092	332	'415762055_/_/415762092'		0.1	2.97	3.33	0	0.7	3.33	0.98 Yes	0 Thermal Discharging
SMT092	333	'50795020_/_/52979924'		0.17	3.33	3.33	0	0.5	2.89	0.98 Yes	0 Thermal Discharging
SMT092	334	'109260873_/_/109260919'		0.13	2.83	3.33	0	0.4	3.33	0.98 Yes	0 Thermal Discharging
SMT092	335	'50794880_/_/50794882'		0.17	3.33	3.33	0	0.5	2.84	0.98 Yes	0 Thermal Discharging
SMT092	336	'50794941_/_/50794948'		0.17	3.33	3.33	0	0.5	2.84	0.98 Yes	0 Thermal Discharging
SMT092	337	'50794909_/_/50794967'		0.17	3.33	3.33	0	0.5	2.83	0.98 Yes	0 Thermal Discharging
SMT092	338	'7512385_/_/7512383'		0.1	2.77	3.33	0	1.1	3.25	0.98 Yes	0 Thermal Discharging
SMT092	339	'57810620_/_/57810627'		0.13	2.73	3.33	0	1.1	3.23	0.98 Yes	0 Thermal Discharging
SMT092	340	'68343697_/_/68343716'		0.13	2.7	3.33	0	1.1	3.21	0.98 Yes	0 Thermal Discharging
SMT092	341	'53220475_/_/53220510'		0.1	3.33	3.33	0	0.5	2.79	0.98 Yes	0 Thermal Discharging
SMT092	342	'86498362_/_/86498442'		0.13	2.7	3.33	0	0.3	3.19	0.98 Yes	0 Thermal Discharging
SMT092	343	'447042442_/_/447042500'		0.1	2.63	3.33	0	1.1	3.15	0.98 Yes	0 Thermal Discharging
SMT092	344	'540610492_/_/540610496'		0.1	2.53	3.33	0	1.1	3.05	0.98 Yes	0 Thermal Discharging
SMT092	345	'70957471_/_/86498384'		0.13	2.53	3.33	0	0.3	3.03	0.98 Yes	0 Thermal Discharging
SMT092	346	'109260839_/_/109260884'		0.13	2.53	3.33	0	0.4	3.02	0.98 Yes	0 Thermal Discharging
SMT092	347	'7816668_/_/7823656'		0.1	2.47	3.33	0	1.1	2.98	0.98 Yes	0 Thermal Discharging
SMT092	348	'68343766_/_/68343773'		0.13	2.47	3.33	0	1.1	2.97	0.98 Yes	0 Thermal Discharging
SMT092	349	'57810651_/_/57810658'		0.13	2.47	3.33	0	1.1	2.96	0.98 Yes	0 Thermal Discharging
SMT092	350	'70957450_/_/70957475'		0.1	2.47	3.33	0	0.3	2.96	0.98 Yes	0 Thermal Discharging
SMT092	351	'540610522_/_/540610538'		0.1	2.43	3.33	0	1.1	2.94	0.98 Yes	0 Thermal Discharging
SMT092	352	'540610554_/_/540610570'		0.1	2.4	3.33	0	1.1	2.89	0.98 Yes	0 Thermal Discharging
SMT092	353	'68343789_/_/68343796'		0.13	2.3	3.33	0	1.1	2.82	0.98 Yes	0 Thermal Discharging
SMT092	354	'68343746_/_/109260850'		0.1	2.3	3.33	0	0.4	2.8	0.98 Yes	0 Thermal Discharging
SMT092	355	'540610462_/_/540610584'		0.1	2.3	3.33	0	1.1	2.79	0.98 Yes	0 Thermal Discharging
SMT092	356	'68343809_/_/68343813'		0.1	2.27	3.33	0	1.1	2.77	0.98 Yes	0 Thermal Discharging
SMT092	357	'57810682_/_/57810689'		0.1	2.23	3.33	0	1.1	2.73	0.98 Yes	0 Thermal Discharging
SMT092	358	'447042403_/_/447042461'		0.07	2.2	3.33	0	1.1	2.71	0.98 Yes	0 Thermal Discharging
SMT092	359	'68343709_/_/68343750'		0.1	2.2	3.33	0	0.4	2.69	0.98 Yes	0 Thermal Discharging
SMT092	360	'70957418_/_/70957457'		0.1	2.2	3.33	0	0.3	2.68	0.98 Yes	0 Thermal Discharging
SMT092	361	'119048197_/_/70957425_1'		0.1	2.23	3.33	0	1.1	2.67	0.98 Yes	0 Thermal Discharging
SMT092	362	'54367897_/_/68343727'		0.1	2.1	3.33	0	0.4	2.58	0.98 Yes	0 Thermal Discharging
SMT092	363	'447042364_/_/447042422'		0.07	2.03	3.33	0	1.1	2.52	0.98 Yes	0 Thermal Discharging
SMT092	364	'57810713_/_/57810720'		0.1	2	3.33	0	1.1	2.5	0.98 Yes	0 Thermal Discharging
SMT092	365	'54367238_/_/54367267'		0.1	1.97	3.33	0	0.4	2.44	0.98 Yes	0 Thermal Discharging
SMT092	366	'447042327_/_/447042383'		0.07	1.97	3.33	0	1.1	2.43	0.98 Yes	0 Thermal Discharging
SMT092	367	'57810741_/_/57810743'		0.1	1.9	3.33	0	1.1	2.36	0.98 Yes	0 Thermal Discharging
SMT092	368	'54366911_/_/54367245'		0.1	1.83	3.33	0	0.4	2.28	0.98 Yes	0 Thermal Discharging
SMT092	369	'152210131_/_/54366918_1'		0.1	1.87	3.33	0	1.1	2.27	0.98 Yes	0 Thermal Discharging
SOH001	0	'SOH001_/_/1734937_1'		10	3.2	10	0.07	2	7.8	1.26 No	0.07 Thermal Discharging
SOH001	1	'403311013_/_/1734937_1'		10	3.2	10	0.07	2	7.66	0.51 No	0.07 Thermal Discharging
SOH001	2	'399396080_/_/1734937_2'		10	3.2	10	0.07	2	7.59	0.51 No	0.07 Thermal Discharging
SOH001	3	'1734923_/_/1782432'		10	3.2	10	0.07	1.4	7.58	0.51 No	0.07 Thermal Discharging
SOH001	4	'1734906_/_/1734920'		10	3.2	10	0.07	1.4	7.06	0.51 No	0.07 Thermal Discharging
SOH001	5	'399396018_/_/399395470_1'		10	3.2	10	0.07	0.2	7	0.51 No	0.07 Thermal Discharging
SOH001	6	'43052419_/_/1734903'		10	3.2	10	0.07	1.4	6.67	0.51 No	0.07 Thermal Discharging
SOH001	7	'399395473_/_/399395470_2'		10	3.2	10	0.07	0.2	6.53	0.51 No	0.07 Thermal Discharging
SOH001	8	'399395451_/_/399395493'		10	3.2	10	0.07	0.2	6.3	0.51 No	0.07 Thermal Discharging
SOH001	9	'43052369_/_/1734886'		10	3.2	10	0.07	1.4	6.28	0.51 No	0.07 Thermal Discharging
SOH001	10	'399395408_/_/1734427'		10	3.2	10	0.07	0.2	6.09	0.51 No	0.07 Thermal Discharging
SOH001	11	'1733942_/_/1734158'		10	3.2	10	0.07	1.4	5.74	0.51 No	0.07 Thermal Discharging
SOH001	12	'1734430_/_/399395416'		10	3.2	10	0.07	0.2	5.72	0.51 No	0.07 Thermal Discharging
SOH001	13	'399395652_/_/1734445'		10	3.2	10	0.07	0.2	5.47	0.51 No	0.07 Thermal Discharging
SOH001	14	'1733925_/_/1733939'		10	3.2	10	0.07	1.4	5.31	0.51 No	0.07 Thermal Discharging
SOH001	15	'1734051_/_/1734063'		6.67	2.13	6.67	0.05	0.6	3.53	0.34 No	0.05 Thermal Discharging
SOH001	16	'1734448_/_/399395661'		10	3.2	10	0.07	0.2	5.26	0.51 No	0.07 Thermal Discharging
SOH001	17	'399395835_/_/1734462_1'		10	3.2	10	0.07	0.1	5.1	0.51 No	0.07 Thermal Discharging
SOH001	18	'1733908_/_/1733922'		10	3.2	10	0.07	1.4	5.08	0.51 No	0.07 Thermal Discharging
SOH001	19	'1734465_/_/1734462_2'		10	3.2	10	0.07	0.1	5.02	0.51 No	0.07 Thermal Discharging
SOH001	20	'1734576_/_/403867877'		10	3.2	10	0.07	0.2	4.97	0.51 No	0.07 Thermal Discharging
SOH001	21	'410667793_/_/403867895_2'		10	3.2	10	0.07	0.2	4.94	0.51 No	0.07 Thermal Discharging
SOH001	22	'1733891_/_/1733905'		10	3.2	10	0.07	1.4	4.83	0.51 No	0.07 Thermal Discharging
SOH001	23	'43052331_/_/43052333'		6.67	2.13	6.67	0.05	0.6	3.18	0.34 No	0.05 Thermal Discharging
SOH001	24	'403867898_/_/403867895_1'		10	3.2	10	0.07	0.1	4.71	0.51 No	0.07 Thermal Discharging
SOH001	25	'1734485_/_/1734482'		10	3.2	10	0.07	0.1	4.72	0.51 No	0.07 Thermal Discharging
SOH001	26	'1733982_/_/1733979'		3.33	1.07	3.33	0.02	0.4	1.54	0.17 No	0.02 Thermal Discharging
SOH001	27	'1733874_/_/1733888'		10	3.2	10	0.07	1.3	4.54	0.51 No	0.07 Thermal Discharging
SOH001	28	'1734505_/_/1734502'		10	3.2	10	0.07	0.1	4.55	0.51 No	0.07 Thermal Discharging
SOH001	29	'403867916_/_/403867913'		10	3.2	10	0.07	0.1	4.48	0.51 No	0.07 Thermal Discharging
SOH001	30	'43052356_/_/1733959'		10	3.2	10	0.07	0.9	4.47	0.51 No	0.07 Thermal Discharging
SOH001	31	'1734630_/_/403867931'		10	2.2	10	0.07	0.1	4.33	0.51 No	0.07 Thermal Discharging
SOH001	32	'1733727_/_/1733871'		10	3.2	10	0.07	1.3	4.36	0.51 No	0.07 Thermal Discharging
SOH001	33	'1734018_/_/1734033'		6.67	2.13	6.67	0.05	0.6	2.88	0.34 No	0.05 Thermal Discharging
SOH001	34	'43052219_/_/1734519'		10	3.2	10	0.07	0.1	4.28	0.51 No	0.07 Thermal Discharging
SOH001	35	'1734003_/_/1734000'		3.33	1.07	3.33	0.02	0.4	1.41	0.17 No	0.02 Thermal Discharging
SOH001	36	'1734818_/_/43052358'		10	3.2	10	0.07	0.9	4.25	0.51 No	0.07 Thermal Discharging
SOH001	37	'403867952_/_/403867949'		10	2.2	10	0.07	0.1	4.13	0.51 No	0.07 Thermal Discharging
SOH001	38	'43052294_/_/1733725'		10	3.2	10	0.07	1.3	4.17	0.51 No	0.07 Thermal Discharging
SOH001	39	'1733796_/_/400165981'		10	3.2	10	0.07	1.3	4.1	0.51 No	0.07 Thermal Discharging
SOH001	40	'1735021_/_/1735019'		6.67	2.13	6.67	0.05	0.07	2.74	0.34 No	0.05 Thermal Discharging
SOH001	41	'403867970_/_/403867967'		10	2.2	10	0.07	0.1	4.03	0.51 No	0.07 Thermal Discharging
SOH001	42	'43052406_/_/1734832'		10	3.2	10	0.07	0.9	4.04	0.51 No	0.07 Thermal Discharging
SOH001	43	'1734087_/_/1734084'		6.67	1.47	6.67	0.05	0.6	2.67	0.34 No	0.05 Thermal Discharging
SOH001	44	'1733694_/_/1733708'		10	2.2	10	0.07	1.3	3.99	0.51 No	0.07 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over- Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SOH001	45	'1734539_/43052221'		10	2.2	10	0.07	0.1	3.99	0.51 No	0.07 Thermal Discharging
SOH001	46	'1733834_/1733831'		10	2.2	10	0.07	1.3	3.97	0.51 No	0.07 Thermal Discharging
SOH001	47	'1735225_/1735241'	3.33	0.73	3.33	0.02	0.03	1.31	0.17 No	0.02 Thermal Discharging	
SOH001	48	'60227745_/1733851'		10	2.2	10	0.07	1.3	3.9	0.51 No	0.07 Thermal Discharging
SOH001	49	'403867988_/403867985'		10	2.2	10	0.07	0.1	3.82	0.51 No	0.07 Thermal Discharging
SOH001	50	'1733677_/1733691'		10	2.2	10	0.07	1.3	3.82	0.51 No	0.07 Thermal Discharging
SOH001	51	'1734105_/1734102'	3.33	0.73	3.33	0.02	0.3	1.27	0.17 No	0.02 Thermal Discharging	
SOH001	52	'1733458_/1734553'		10	2.2	10	0.07	0.1	3.81	0.51 No	0.07 Thermal Discharging
SOH001	53	'1733781_/400165994'		10	2.2	10	0.07	1.3	3.8	0.51 No	0.07 Thermal Discharging
SOH001	54	'43052394_/1734957'	3.33	0.73	3.33	0.02	0.3	1.25	0.17 No	0.02 Thermal Discharging	
SOH001	55	'1734017_/1734015'		6.67	1.47	6.67	0.05	0.6	2.51	0.34 No	0.05 Thermal Discharging
SOH001	56	'1735040_/1735037'		6.67	1.47	6.67	0.05	0.07	2.52	0.34 No	0.05 Thermal Discharging
SOH001	57	'1734852_/1734849'		10	2.2	10	0.07	0.9	3.78	0.51 No	0.07 Thermal Discharging
SOH001	58	'43052343_/60227747'		10	2.2	10	0.07	1.3	3.7	0.51 No	0.07 Thermal Discharging
SOH001	59	'1735824_/403868003'		10	2.2	10	0.07	0.1	3.62	0.51 No	0.07 Thermal Discharging
SOH001	60	'1735226_/1735223'	3.33	0.73	3.33	0.02	0.03	1.21	0.17 No	0.02 Thermal Discharging	
SOH001	61	'400165641_/43052345_1'		10	2.2	10	0.07	0.2	3.66	0.51 No	0.07 Thermal Discharging
SOH001	62	'568746236_/568746233'	3.33	0.73	3.33	0.02	0.03	1.21	0.17 No	0.02 Thermal Discharging	
SOH001	63	'43052281_/43052283'		10	2.2	10	0.07	1.3	3.63	0.51 No	0.07 Thermal Discharging
SOH001	64	'43052307_/400166007'		10	2.2	10	0.07	1.3	3.6	0.51 No	0.07 Thermal Discharging
SOH001	65	'1734781_/43052345_2'		10	2.2	10	0.07	0.2	3.56	0.51 No	0.07 Thermal Discharging
SOH001	66	'1735841_/403868044'		0.6	2.2	10	0.07	0.1	3.45	0.51 No	0.07 Thermal Discharging
SOH001	67	'1733459_/1733456'		0.8	2.2	10	0.07	0.1	3.51	0.51 No	0.07 Thermal Discharging
SOH001	68	'1733640_/1733657'		10	2.2	10	0.07	1.3	3.45	0.51 No	0.07 Thermal Discharging
SOH001	69	'43052432_/1735055'	0.53	1.47	6.67	0.05	0.07	2.3	0.34 No	0.05 Thermal Discharging	
SOH001	70	'417749312_/417749314'		10	2.2	10	0.07	1.3	3.4	0.51 No	0.07 Thermal Discharging
SOH001	71	'403868024_/403868021'		0.4	2.2	10	0.07	0.1	3.3	0.51 No	0.07 Thermal Discharging
SOH001	72	'1734232_/1734244'	3.33	0.73	3.33	0.02	0.3	1.11	0.17 No	0.02 Thermal Discharging	
SOH001	73	'1734764_/403868767'	3.33	0.73	3.33	0.02	0.07	1.11	0.17 No	0.02 Thermal Discharging	
SOH001	74	'43052382_/1734259'	3.33	0.73	3.33	0.02	0.3	1.11	0.17 No	0.02 Thermal Discharging	
SOH001	75	'1733622_/1733637'		10	2.2	10	0.07	1.3	3.3	0.51 No	0.07 Thermal Discharging
SOH001	76	'417749341_/400166036'		10	2.2	10	0.07	1.3	3.27	0.51 No	0.07 Thermal Discharging
SOH001	77	'1733479_/1733476'		0.5	2.2	10	0.07	0.1	3.24	0.51 No	0.07 Thermal Discharging
SOH001	78	'403868060_/403868057'		0.3	2.2	10	0.07	0.1	3.14	0.51 No	0.07 Thermal Discharging
SOH001	79	'1734181_/1734178'	3.33	0.73	3.33	0.02	0.4	1.07	0.17 No	0.02 Thermal Discharging	
SOH001	80	'1734747_/1734761'	3.33	0.73	3.33	0.02	0.07	1.05	0.17 No	0.02 Thermal Discharging	
SOH001	81	'400166075_/400166072'		0.7	2.2	10	0.07	1.3	3.11	0.51 No	0.07 Thermal Discharging
SOH001	82	'1734730_/1734744'	3.33	0.73	3.33	0.02	0.07	1.03	0.17 No	0.02 Thermal Discharging	
SOH001	83	'43052232_/403868075'		0.3	2.2	10	0.07	0.1	2.99	0.51 No	0.07 Thermal Discharging
SOH001	84	'1733601_/1733619'	0.27	0.73	3.33	0.02	0.4	1.02	0.17 No	0.02 Thermal Discharging	
SOH001	85	'400166104_/400166101'		0.6	2.2	10	0.07	1.3	3.03	0.51 No	0.07 Thermal Discharging
SOH001	86	'1734280_/43052384'	0.23	0.73	3.33	0.02	0.3	1	0.17 No	0.02 Thermal Discharging	
SOH001	87	'1734217_/1734229'	3.33	0.73	3.33	0.02	0.3	0.99	0.17 No	0.02 Thermal Discharging	
SOH001	88	'1735073_/1735070'	0.2	0.73	3.33	0.02	0.03	1	0.17 No	0.02 Thermal Discharging	
SOH001	89	'53029853_/1733496'	0.3	2.2	10	0.07	0.1	3	0.51 No	0.02 Thermal Discharging	
SOH001	90	'403868096_/403868093'		0.2	2.2	10	0.07	0.1	2.88	0.51 No	0.07 Thermal Discharging
SOH001	91	'73565666_/73565663'	0.23	0.73	3.33	0.02	0.07	0.97	0.17 No	0.02 Thermal Discharging	
SOH001	92	'400166117_/400166114'		0.5	2.2	10	0.07	1.3	2.91	0.51 No	0.07 Thermal Discharging
SOH001	93	'1733586_/1733598'	0.17	0.73	3.33	0.02	0.4	0.93	0.17 No	0.02 Thermal Discharging	
SOH001	94	'400166130_/400166127'		0.4	2.2	10	0.07	1.3	2.81	0.51 No	0.07 Thermal Discharging
SOH001	95	'1733516_/403868111'		0.2	2.2	10	0.07	0.1	2.72	0.51 No	0.07 Thermal Discharging
SOH001	96	'53029875_/53029850'		0.3	2.2	10	0.07	0.1	2.79	0.51 No	0.07 Thermal Discharging
SOH001	97	'1734295_/1734292'	0.13	0.73	3.33	0.02	0.3	0.91	0.17 No	0.02 Thermal Discharging	
SOH001	98	'1734695_/1734710'	0.17	0.73	3.33	0.02	0.07	0.89	0.17 No	0.02 Thermal Discharging	
SOH001	99	'1734202_/1734214'		0.2	0.73	3.33	0.02	0.3	0.89	0.17 No	0.02 Thermal Discharging
SOH001	100	'1735875_/403868124'		0.2	2.2	10	0.07	0.1	2.56	0.51 No	0.07 Thermal Discharging
SOH001	101	'1733568_/1733583'	0.13	0.73	3.33	0.02	0.4	0.86	0.17 No	0.02 Thermal Discharging	
SOH001	102	'53029897_/53029872'		0.2	2.2	10	0.07	0.1	2.59	0.51 No	0.07 Thermal Discharging
SOH001	103	'1735088_/1735085'	0.1	0.73	3.33	0.02	0.03	0.86	0.17 No	0.02 Thermal Discharging	
SOH001	104	'1734310_/1734307'		0.1	0.73	3.33	0.02	0.3	0.84	0.17 No	0.02 Thermal Discharging
SOH001	105	'403868150_/403868147'		0.1	2.2	10	0.07	0.1	2.44	0.51 No	0.07 Thermal Discharging
SOH001	106	'1734680_/1734692'	0.13	0.73	3.33	0.02	0.07	0.82	0.17 No	0.02 Thermal Discharging	
SOH001	107	'1733396_/1734199'	0.17	0.73	3.33	0.02	0.3	0.81	0.17 No	0.02 Thermal Discharging	
SOH001	108	'403868168_/403868165'		0.1	2.2	10	0.07	0.1	2.34	0.51 No	0.07 Thermal Discharging
SOH001	109	'53029919_/53029894'		0.2	2.2	10	0.07	0.1	2.42	0.51 No	0.07 Thermal Discharging
SOH001	110	'57930382_/57930379'	0.13	0.73	3.33	0.02	0.3	0.79	0.17 No	0.02 Thermal Discharging	
SOH001	111	'1733567_/1733565'		0.1	0.73	3.33	0.02	0.4	0.79	0.17 No	0.02 Thermal Discharging
SOH001	112	'403868186_/403868183'		0.1	2.2	10	0.07	0.1	2.27	0.51 No	0.07 Thermal Discharging
SOH001	113	'403868554_/1733514'	0.07	0.73	3.33	0.02	0.03	0.75	0.17 No	0.02 Thermal Discharging	
SOH001	114	'1734325_/1734322'		0.1	0.73	3.33	0.02	0.3	0.77	0.17 No	0.02 Thermal Discharging
SOH001	115	'1734665_/1734677'		0.1	0.73	3.33	0.02	0.07	0.76	0.17 No	0.02 Thermal Discharging
SOH001	116	'1735103_/1735100'	0.07	0.7	3.33	0.02	0.03	0.77	0.17 No	0.02 Thermal Discharging	
SOH001	117	'53029941_/53029916'		0.2	2.2	10	0.07	0.1	2.3	0.51 No	0.07 Thermal Discharging
SOH001	118	'1733395_/1733393'	0.13	0.73	3.33	0.02	0.3	0.74	0.17 No	0.02 Thermal Discharging	
SOH001	119	'1735441_/1735438'	0.13	0.73	3.33	0.02	0.3	0.74	0.17 No	0.02 Thermal Discharging	
SOH001	120	'403868204_/403868201'		0.1	2.2	10	0.07	0.1	2.19	0.51 No	0.07 Thermal Discharging
SOH001	121	'403868222_/403868219'		0.1	2.2	10	0.07	0.1	2.12	0.51 No	0.07 Thermal Discharging
SOH001	122	'1734340_/1734337'	0.07	0.7	3.33	0.02	0.3	0.72	0.17 No	0.02 Thermal Discharging	
SOH001	123	'53029963_/53029938'		0.1	2.9	10	0.07	0.1	2.17	0.51 No	0.07 Thermal Discharging
SOH001	124	'1734650_/1734662'	0.07	0.73	3.33	0.02	0.07	0.71	0.17 No	0.02 Thermal Discharging	
SOH001	125	'43052207_/1733411'		0.1	0.73	3.33	0.02	0.3	0.71	0.17 No	0.02 Thermal Discharging
SOH001	126	'1735492_/43052247'	0.07	0.73	3.33	0.02	0.03	0.69	0.17 No	0.02 Thermal Discharging	
SOH001	127	'403868240_/403868237'		0.1	2.2	10	0.07	0.1	2.02	0.51 No	0.07 Thermal Discharging
SOH001	128	'1735118_/1735115'	0.07	0.8	3.33	0.02	0.03	0.7	0.17 No	0.02 Thermal Discharging	
SOH001	129	'637533468_/637533465'	0.07	0.97	3.33	0.02	0.03	0.69	0.17 No	0.02 Thermal Discharging	
SOH001	130	'1734355_/1734352'	0.07	0.67	3.33	0.02	0.3	0.68	0.17 No	0.02 Thermal Discharging	
SOH001	131	'73565707_/1734647'	0.07	0.7	3.33	0.02	0.07	0.67	0.17 No	0.02 Thermal Discharging	
SOH001	132	'53029985_/53029960'		0.1	2.9	10	0.07	0.1	2.02	0.51 No	0.07 Thermal Discharging
SOH001	133	'403868258_/403868255'		0.1	2.1	10	0.07	0.1	1.93	0.51 No	0.07 Thermal Discharging
SOH001	134	'76523358_/1735621'	0.07	0.73	3.33	0.02	0.03	0.63	0.17 No	0.02 Thermal Discharging	
SOH001	135	'1734369_/1735555'	0.07	0.87	3.33	0.02	0.3	0.64	0.17 No	0.02 Thermal Discharging	
SOH001	136	'403868276_/403868273'		0.1	2	10	0.07	0.1	1.86	0.51 No	0.07 Thermal Discharging
SOH001	137	'53030007_/53029982'		0.1	2.5	10	0.07	0.1	1.91	0.51 No	0.07 Thermal Discharging
SOH001	138	'429860110_/429860107'	0.07	0.8	3.33	0.02	0.3	0.63	0.17 No	0.02 Thermal Discharging	

Feeder Name	Feeder ID	Node	Primary Over- Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SOH001	139	'1735133_/_1735130'		0.07	0.77	3.33	0.02	0.03	0.64	0.17 No	0.02 Thermal Discharging
SOH001	140	'17153992_/_17153989'		0.07	0.73	3.33	0.02	0.07	0.61	0.17 No	0.02 Thermal Discharging
SOH001	141	'591576959_/_591576956'		0.03	0.73	3.33	0.02	0.03	0.62	0.17 No	0.02 Thermal Discharging
SOH001	142	'1735295_/_403868291'		0.1	2.1	10	0.07	0.1	1.76	0.51 No	0.07 Thermal Discharging
SOH001	143	'1734370_/_1734367'		0.03	0.93	3.33	0.02	0.3	0.6	0.17 No	0.02 Thermal Discharging
SOH001	144	'53029545_/_53030004'		0.1	2	10	0.07	0.1	1.8	0.51 No	0.07 Thermal Discharging
SOH001	145	'7154007_/_7154004'		0.07	0.77	3.33	0.02	0.07	0.58	0.17 No	0.02 Thermal Discharging
SOH001	146	'43052505_/_403868304'		0.1	1.9	10	0.07	0.1	1.69	0.51 No	0.07 Thermal Discharging
SOH001	147	'53029558_/_53029555'		0.03	0.63	3.33	0.02	0.03	0.58	0.17 No	0.02 Thermal Discharging
SOH001	148	'43052444_/_1735163'		0.03	0.6	3.33	0.02	0.03	0.58	0.17 No	0.02 Thermal Discharging
SOH001	149	'1734385_/_1734382'		0.03	0.87	3.33	0.02	0.3	0.57	0.17 No	0.02 Thermal Discharging
SOH001	150	'53029759_/_53029756'		0.1	1.8	10	0.07	0.1	1.73	0.51 No	0.07 Thermal Discharging
SOH001	151	'76587795_/_76523352'		0.07	0.7	3.33	0.02	0.03	0.56	0.17 No	0.02 Thermal Discharging
SOH001	152	'1735333_/_403868327'		0.1	1.7	10	0.07	0.1	1.63	0.51 No	0.07 Thermal Discharging
SOH001	153	'7154022_/_7154019'		0.03	0.83	3.33	0.02	0.07	0.55	0.17 No	0.02 Thermal Discharging
SOH001	154	'53029734_/_53029731'		0.1	1.7	10	0.07	0.1	1.67	0.51 No	0.07 Thermal Discharging
SOH001	155	'625956661_/_625956658'		0.03	0.57	3.33	0.02	0.03	0.55	0.17 No	0.02 Thermal Discharging
SOH001	156	'43052493_/_1735292'		0.03	0.57	3.33	0.02	0.03	0.53	0.17 No	0.02 Thermal Discharging
SOH001	157	'1734400_/_1734397'		0.03	0.7	3.33	0.02	0.3	0.54	0.17 No	0.02 Thermal Discharging
SOH001	158	'53029669_/_53029666'		0.1	1.5	10	0.07	0.1	1.61	0.51 No	0.07 Thermal Discharging
SOH001	159	'1733428_/_1733426'		0.07	0.73	3.33	0.02	0.3	0.52	0.17 No	0.02 Thermal Discharging
SOH001	160	'7154037_/_7154034'		0.03	0.73	3.33	0.02	0.07	0.52	0.17 No	0.02 Thermal Discharging
SOH001	161	'76587835_/_76587789'		0.07	0.67	3.33	0.02	0.03	0.51	0.17 No	0.02 Thermal Discharging
SOH001	162	'416343873_/_1735347'		0.1	2.2	10	0.07	0.1	1.52	0.51 No	0.07 Thermal Discharging
SOH001	163	'625956675_/_625956672'		0.03	0.5	3.33	0.02	0.03	0.52	0.17 No	0.02 Thermal Discharging
SOH001	164	'53029708_/_53029686'		0.1	1.4	10	0.07	0.1	1.55	0.51 No	0.07 Thermal Discharging
SOH001	165	'1733377_/_1734412'		0.03	0.57	3.33	0.02	0.3	0.51	0.17 No	0.02 Thermal Discharging
SOH001	166	'7154052_/_7154049'		0.03	0.73	3.33	0.02	0.07	0.49	0.17 No	0.02 Thermal Discharging
SOH001	167	'482803659_/_1735423'		0.03	0.6	3.33	0.02	0.3	0.5	0.17 No	0.02 Thermal Discharging
SOH001	168	'53029712_/_53029705'		0.1	1.3	10	0.07	0.1	1.5	0.51 No	0.07 Thermal Discharging
SOH001	169	'625956683_/_625956680'		0.03	0.47	3.33	0.02	0.03	0.49	0.17 No	0.02 Thermal Discharging
SOH001	170	'476741899_/_476741903'		0.03	0.57	3.33	0.02	0.3	0.49	0.17 No	0.02 Thermal Discharging
SOH001	171	'1735181_/_1735178'		0.03	0.43	3.33	0.02	0.03	0.5	0.17 No	0.02 Thermal Discharging
SOH001	172	'53030027_/_53030024'		0.07	0.87	6.67	0.05	0.07	0.99	0.34 No	0.05 Thermal Discharging
SOH001	173	'1733378_/_1733375'		0.03	0.53	3.33	0.02	0.3	0.49	0.17 No	0.02 Thermal Discharging
SOH001	174	'1735279_/_1735277'		0.03	0.63	3.33	0.02	0.03	0.47	0.17 No	0.02 Thermal Discharging
SOH001	175	'7154067_/_7154064'		0.03	0.63	3.33	0.02	0.07	0.47	0.17 No	0.02 Thermal Discharging
SOH001	176	'482803708_/_482803663'		0.03	0.53	3.33	0.02	0.3	0.47	0.17 No	0.02 Thermal Discharging
SOH001	177	'1735536_/_43052197'		0.03	0.77	3.33	0.02	0.03	0.46	0.17 No	0.02 Thermal Discharging
SOH001	178	'477977029_/_1735636'		0.03	0.77	3.33	0.02	0.03	0.46	0.17 No	0.02 Thermal Discharging
SOH001	179	'625956691_/_625956688'		0.03	0.43	3.33	0.02	0.03	0.47	0.17 No	0.02 Thermal Discharging
SOH001	180	'399286582_/_399286579'		0.03	0.47	3.33	0.02	0.3	0.46	0.17 No	0.02 Thermal Discharging
SOH001	181	'1735639_/_477977033'		0.03	0.7	3.33	0.02	0.03	0.45	0.17 No	0.02 Thermal Discharging
SOH001	182	'7154082_/_7154079'		0.03	0.57	3.33	0.02	0.07	0.45	0.17 No	0.02 Thermal Discharging
SOH001	183	'476741962_/_476741966'		0.03	0.5	3.33	0.02	0.3	0.45	0.17 No	0.02 Thermal Discharging
SOH001	184	'399286543_/_399286601'		0.03	0.47	3.33	0.02	0.3	0.45	0.17 No	0.02 Thermal Discharging
SOH001	185	'625957051_/_1735510'		0.07	0.8	6.67	0.05	0.07	0.92	0.34 No	0.05 Thermal Discharging
SOH001	186	'482803727_/_482803712'		0.03	0.47	3.33	0.02	0.3	0.45	0.17 No	0.02 Thermal Discharging
SOH001	187	'598425276_/_598425543_1'		0.03	0.4	3.33	0.02	0.03	0.45	0.17 No	0.02 Thermal Discharging
SOH001	188	'625956699_/_625956696'		0.03	0.4	3.33	0.02	0.03	0.45	0.17 No	0.02 Thermal Discharging
SOH001	189	'7154097_/_7154094'		0.03	0.5	3.33	0.02	0.07	0.43	0.17 No	0.02 Thermal Discharging
SOH001	190	'482803776_/_482803731'		0.03	0.43	3.33	0.02	0.3	0.43	0.17 No	0.02 Thermal Discharging
SOH001	191	'476741998_/_476742002'		0.03	0.43	3.33	0.02	0.3	0.43	0.17 No	0.02 Thermal Discharging
SOH001	192	'1735196_/_1735193'		0.03	0.33	3.33	0.02	0.03	0.43	0.17 No	0.02 Thermal Discharging
SOH001	193	'625956707_/_625956704'		0.03	0.37	3.33	0.02	0.03	0.43	0.17 No	0.02 Thermal Discharging
SOH001	194	'625957031_/_625957055'		0.07	0.67	6.67	0.05	0.07	0.86	0.34 No	0.05 Thermal Discharging
SOH001	195	'7154112_/_7154109'		0.03	0.47	3.33	0.02	0.07	0.41	0.17 No	0.02 Thermal Discharging
SOH001	196	'476741861_/_482803780'		0.03	0.4	3.33	0.02	0.3	0.41	0.17 No	0.02 Thermal Discharging
SOH001	197	'625957011_/_625957035'		0.07	0.67	6.67	0.05	0.07	0.83	0.34 No	0.05 Thermal Discharging
SOH001	198	'476741943_/_476741947'		0.03	0.4	3.33	0.02	0.3	0.41	0.17 No	0.02 Thermal Discharging
SOH001	199	'476742335_/_476742339'		0.03	0.4	3.33	0.02	0.3	0.41	0.17 No	0.02 Thermal Discharging
SOH001	200	'1733443_/_1733441'		0.03	0.4	3.33	0.02	0.3	0.41	0.17 No	0.02 Thermal Discharging
SOH001	201	'7154130_/_7154127'		0.03	0.43	3.33	0.02	0.07	0.4	0.17 No	0.02 Thermal Discharging
SOH001	202	'1733311_/_476741865'		0.03	0.37	3.33	0.02	0.3	0.4	0.17 No	0.02 Thermal Discharging
SOH001	203	'43052269_/_625956712'		0.03	0.33	3.33	0.02	0.03	0.4	0.17 No	0.02 Thermal Discharging
SOH001	204	'476742047_/_1735405'		0.03	0.37	3.33	0.02	0.3	0.39	0.17 No	0.02 Thermal Discharging
SOH001	205	'1735390_/_1735387'		0.03	0.37	3.33	0.02	0.3	0.39	0.17 No	0.02 Thermal Discharging
SOH001	206	'44076247_/_7189054'		0.03	0.4	3.33	0.02	0.07	0.39	0.17 No	0.02 Thermal Discharging
SOH001	207	'476742066_/_476742051'		0.03	0.37	3.33	0.02	0.3	0.38	0.17 No	0.02 Thermal Discharging
SOH001	208	'625956991_/_625957015'		0.07	0.6	6.67	0.05	0.07	0.78	0.34 No	0.05 Thermal Discharging
SOH001	209	'625957188_/_43052271'		0.03	0.3	3.33	0.02	0.03	0.38	0.17 No	0.02 Thermal Discharging
SOH001	210	'1735148_/_1735208'		0.03	0.3	3.33	0.02	0.03	0.39	0.17 No	0.02 Thermal Discharging
SOH001	211	'1733312_/_1733309'		0.03	0.33	3.33	0.02	0.3	0.38	0.17 No	0.02 Thermal Discharging
SOH001	212	'44076262_/_44076249'		0.03	0.4	3.33	0.02	0.07	0.37	0.17 No	0.02 Thermal Discharging
SOH001	213	'476742085_/_476742070'		0.03	0.33	3.33	0.02	0.3	0.37	0.17 No	0.02 Thermal Discharging
SOH001	214	'598425232_/_598425543_2'		0.03	0.3	3.33	0.02	0.03	0.37	0.17 No	0.02 Thermal Discharging
SOH001	215	'625957207_/_625957192'		0.03	0.3	3.33	0.02	0.03	0.37	0.17 No	0.02 Thermal Discharging
SOH001	216	'1735261_/_476742089'		0.03	0.33	3.33	0.02	0.3	0.36	0.17 No	0.02 Thermal Discharging
SOH001	217	'400165104_/_625956995'		0.07	0.53	6.67	0.05	0.07	0.73	0.34 No	0.05 Thermal Discharging
SOH001	218	'43052543_/_1735654'		0.03	0.4	3.33	0.02	0.03	0.35	0.17 No	0.02 Thermal Discharging
SOH001	219	'476742104_/_1735259'		0.03	0.3	3.33	0.02	0.3	0.35	0.17 No	0.02 Thermal Discharging
SOH001	220	'625957226_/_625957211'		0.03	0.27	3.33	0.02	0.03	0.35	0.17 No	0.02 Thermal Discharging
SOH001	221	'1735262_/_476742108'		0.03	0.3	3.33	0.02	0.3	0.35	0.17 No	0.02 Thermal Discharging
SOH001	222	'1735513_/_400165112'		0.07	0.53	6.67	0.05	0.07	0.69	0.34 No	0.05 Thermal Discharging
SOH001	223	'1733344_/_43052545'		0.03	0.37	3.33	0.02	0.03	0.33	0.17 No	0.02 Thermal Discharging
SOH001	224	'1733553_/_625957230'		0.03	0.27	3.33	0.02	0.03	0.34	0.17 No	0.02 Thermal Discharging
SOH001	225	'395508273_/_43052259'		0.03	0.27	3.33	0.02	0.03	0.33	0.17 No	0.02 Thermal Discharging
SOH001	226	'400165299_/_400165307'		0.03	0.23	3.33	0.02	0.03	0.33	0.17 No	0.02 Thermal Discharging
SOH001	227	'44076277_/_44076264'		0.03	0.3	3.33	0.02	0.07	0.32	0.17 No	0.02 Thermal Discharging
SOH001	228	'1735147_/_1735145'		0.03	0.23	3.33	0.02	0.03	0.32	0.17 No	0.02 Thermal Discharging
SOH001	229	'43052134_/_395508281'		0.03	0.23	3.33	0.02	0.03	0.31	0.17 No	0.02 Thermal Discharging
SOH001	230	'1733345_/_1733342'		0.03	0.33	3.33	0.02	0.03	0.31	0.17 No	0.02 Thermal Discharging
SOH001	231	'625957098_/_43052136'		0.03	0.23	3.33	0.02	0.03	0.3	0.17 No	0.02 Thermal Discharging
SOH001	232	'1735573_/_625957102'		0.03	0.23	3.33	0.02	0.03	0.29	0.17 No	0.02 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SOH001	233	'1735473_/1735471'		0.03	0.2	3.33	0.02	0.03	0.29	0.17 No	0.02 Thermal Discharging
SOH001	234	'625956393_/625956390'		0.03	0.2	3.33	0.02	0.03	0.29	0.17 No	0.02 Thermal Discharging
SOH001	235	'44076292_/44076279'		0.03	0.23	3.33	0.02	0.07	0.28	0.17 No	0.02 Thermal Discharging
SOH001	236	'44076297_/44076294'		0.03	0.23	3.33	0.02	0.07	0.27	0.17 No	0.02 Thermal Discharging
SOU061	0	'SOU061_/7801817_1'		10	10	10	1.336	10	10	4.23 No	1.336 Thermal Discharging
SOU061	1	'114650472_/7801817_1'		10	10	10	1.336	10	10	4.23 No	1.336 Thermal Discharging
SOU061	2	'7160158_/7801817_2'		10	10	10	1.336	10	10	4.23 No	1.336 Thermal Discharging
SOU061	3	'390101138_/7160156'		10	10	10	1.336	10	10	4.23 No	1.336 Thermal Discharging
SOU061	4	'390101118_/390101140'		10	10	10	1.336	10	10	4.23 No	1.336 Thermal Discharging
SOU061	5	'390101098_/390101120'		10	10	10	1.336	10	10	4.23 No	1.336 Thermal Discharging
SOU061	6	'390101078_/390101100'		10	10	10	1.336	10	10	4.23 No	1.336 Thermal Discharging
SOU061	7	'390101058_/390101080'		10	10	10	1.336	10	10	4.23 No	1.336 Thermal Discharging
SOU061	8	'390101038_/390101060'		10	10	10	1.336	10	10	4.23 No	1.336 Thermal Discharging
SOU061	9	'390101018_/390101040'		10	10	10	1.336	10	10	4.23 No	1.336 Thermal Discharging
SOU061	10	'390100998_/390101020'		10	10	10	1.336	10	10	4.23 No	1.336 Thermal Discharging
SOU061	11	'390100978_/390101000'		10	10	10	1.336	10	10	4.23 No	1.336 Thermal Discharging
SOU061	12	'390100958_/390100980'		10	10	10	1.336	10	10	4.23 No	1.336 Thermal Discharging
SOU061	13	'390100938_/390100960'		10	10	10	1.336	10	10	4.23 No	1.336 Thermal Discharging
SOU061	14	'7160159_/390100940'		10	10	10	1.336	10	10	4.23 No	1.336 Thermal Discharging
SOU061	15	'390100918_/7160176'		10	10	10	1.336	10	10	4.23 No	1.336 Thermal Discharging
SOU061	16	'390100898_/390100920'		10	10	10	1.336	10	10	4.23 No	1.336 Thermal Discharging
SOU061	17	'390100878_/390100900'		10	10	10	1.336	10	10	4.23 No	1.336 Thermal Discharging
SOU061	18	'390100858_/390100880'		10	10	10	1.336	10	10	4.23 No	1.336 Thermal Discharging
SOU061	19	'390100838_/390100860'		10	10	10	1.336	10	10	4.23 No	1.336 Thermal Discharging
SOU061	20	'390100818_/390100840'		10	10	10	1.336	10	10	4.23 No	1.336 Thermal Discharging
SOU061	21	'390100798_/390100820'		10	10	10	1.336	10	10	4.23 No	1.336 Thermal Discharging
SOU061	22	'390100772_/390100800'		10	10	10	1.336	10	10	4.23 No	1.336 Thermal Discharging
SOU061	23	'7160179_/390100774'		10	10	10	1.336	10	10	4.23 No	1.336 Thermal Discharging
SOU061	24	'55225224_/55225134'		10	10	10	1.336	10	10	4.23 No	1.336 Thermal Discharging
SOU061	25	'55225231_/55225159'		10	10	10	1.336	10	10	4.23 No	1.336 Thermal Discharging
SOU061	26	'55225240_/55225180'		10	10	10	1.336	10	10	4.23 No	1.336 Thermal Discharging
SOU061	27	'55225244_/55225201'		10	10	10	1.336	10	10	4.23 No	1.336 Thermal Discharging
SOU061	28	'55225272_/55225246'		10	10	10	1.336	10	10	4.23 No	1.336 Thermal Discharging
SOU061	29	'55225301_/55225275'		10	10	10	1.336	10	10	4.23 No	1.336 Thermal Discharging
SOU061	30	'55225330_/55225304'		10	10	10	1.336	10	10	4.23 No	1.336 Thermal Discharging
SOU061	31	'55225359_/55225333'		10	10	10	1.336	10	10	4.23 No	1.336 Thermal Discharging
SOU061	32	'55225388_/55225362'		10	10	10	1.336	10	10	4.23 No	1.336 Thermal Discharging
SOU061	33	'55225414_/55225391'		10	10	10	1.336	10	10	4.23 No	1.336 Thermal Discharging
SOU061	34	'55225439_/55225416'		10	10	10	1.336	10	10	4.23 No	1.336 Thermal Discharging
SOU061	35	'55225464_/55225441'		10	10	10	1.336	10	10	4.23 No	1.336 Thermal Discharging
SOU061	36	'55225492_/55225466'		10	10	10	1.336	10	10	4.23 No	1.336 Thermal Discharging
SOU061	37	'55225518_/55225495'		10	10	10	1.336	10	10	4.23 No	1.336 Thermal Discharging
SOU061	38	'55225546_/55225520'		10	10	10	1.336	10	10	4.23 No	1.336 Thermal Discharging
SOU061	39	'55225575_/55225549'		10	10	10	1.336	10	10	4.23 No	1.336 Thermal Discharging
SOU061	40	'55225601_/55225578'		10	10	10	1.336	10	10	4.23 No	1.336 Thermal Discharging
SOU061	41	'55225626_/55225603'		10	10	10	1.336	10	10	4.23 No	1.336 Thermal Discharging
SOU061	42	'55225654_/55225628'		10	10	10	1.336	10	10	4.23 No	1.336 Thermal Discharging
SOU061	43	'55225683_/55225657'		10	10	10	1.336	10	10	4.23 No	1.336 Thermal Discharging
SOU061	44	'55225712_/55225686'		10	10	10	1.336	10	10	4.23 No	1.336 Thermal Discharging
SOU061	45	'55225741_/55225715'		10	10	10	1.336	10	10	4.23 No	1.336 Thermal Discharging
SOU061	46	'603414840_/603414758'		10	10	10	1.336	10	10	4.23 No	1.336 Thermal Discharging
SOU061	47	'603414834_/603414741'		10	10	10	1.336	10	10	4.23 No	1.336 Thermal Discharging
SOU061	48	'55225796_/603414722'		10	10	10	1.336	10	10	4.23 No	1.336 Thermal Discharging
SOU061	49	'55225821_/55225798'		10	10	10	1.336	10	10	4.23 No	1.336 Thermal Discharging
SOU061	50	'55225849_/55225823'		10	10	10	1.336	10	10	4.23 No	1.336 Thermal Discharging
SOU061	51	'55225873_/55225852'		10	10	10	1.336	10	10	4.23 No	1.336 Thermal Discharging
SOU061	52	'55225903_/55225877'		10	10	10	1.336	10	10	4.23 No	1.336 Thermal Discharging
SOU061	53	'55225932_/55225906'		10	10	10	1.336	10	10	4.23 No	1.336 Thermal Discharging
SOU061	54	'55225958_/55225935'		10	10	10	1.336	10	10	4.23 No	1.336 Thermal Discharging
SOU061	55	'55225983_/55225960'		10	10	10	1.336	10	10	4.23 No	1.336 Thermal Discharging
SOU061	56	'55226008_/55225985'		10	10	10	1.336	10	10	4.23 No	1.336 Thermal Discharging
SOU061	57	'55226033_/55226010'		10	10	10	1.336	10	10	4.23 No	1.336 Thermal Discharging
SOU061	58	'55226058_/55226035'		10	10	10	1.336	10	10	4.23 No	1.336 Thermal Discharging
SOU061	59	'55226083_/55226060'		10	10	10	1.336	10	10	4.23 No	1.336 Thermal Discharging
SOU061	60	'55226108_/55226085'		10	10	10	1.336	10	10	4.23 No	1.336 Thermal Discharging
SOU061	61	'55226157_/55226110'		10	10	10	1.336	10	10	4.23 No	1.336 Thermal Discharging
SOU061	62	'55226183_/55226160'		10	10	10	1.336	10	10	4.23 No	1.336 Thermal Discharging
SOU061	63	'55226211_/55226135'		10	10	10	1.336	10	10	4.23 No	1.336 Thermal Discharging
SOU061	64	'55226212_/55226189'		10	10	10	1.336	10	10	4.23 No	1.336 Thermal Discharging
SOU061	65	'55226240_/55226214'		10	10	10	1.336	10	10	4.23 No	1.336 Thermal Discharging
SOU061	66	'55226269_/55226243'		10	10	10	1.336	10	10	4.23 No	1.336 Thermal Discharging
SOU061	67	'55226298_/55226272'		10	10	10	1.336	10	10	4.23 No	1.336 Thermal Discharging
SOU061	68	'55226324_/55226301'		10	10	10	1.336	10	10	4.23 No	1.336 Thermal Discharging
SOU061	69	'55226349_/55226326'		10	10	10	1.336	10	10	4.23 No	1.336 Thermal Discharging
SOU061	70	'55226377_/55226351'		10	10	10	1.336	10	10	4.23 No	1.336 Thermal Discharging
SOU061	71	'55226403_/55226380'		10	10	10	1.336	10	10	4.23 No	1.336 Thermal Discharging
SOU061	72	'55226431_/55226405'		10	10	10	1.336	10	10	4.23 No	1.336 Thermal Discharging
SOU061	73	'55226457_/55226434'		10	10	10	1.336	10	10	4.23 No	1.336 Thermal Discharging
SOU061	74	'55226485_/55226459'		10	10	10	1.336	10	10	4.23 No	1.336 Thermal Discharging
SOU061	75	'55226514_/55226488'		10	10	10	1.336	10	10	4.23 No	1.336 Thermal Discharging
SOU061	76	'55226543_/55226517'		10	10	10	1.336	10	10	4.23 No	1.336 Thermal Discharging
SOU061	77	'55226569_/55226546'		10	10	10	1.336	10	10	4.23 No	1.336 Thermal Discharging
SOU061	78	'55226594_/55226571'		10	10	10	1.336	10	10	4.23 No	1.336 Thermal Discharging
SOU061	79	'55226619_/55226596'		10	10	10	1.336	10	10	4.23 No	1.336 Thermal Discharging
SOU061	80	'55227240_/55226621'		10	10	10	1.336	10	10	4.23 No	1.336 Thermal Discharging
SOU061	81	'55226669_/55226646'		10	10	10	1.336	10	10	4.23 No	1.336 Thermal Discharging
SOU061	82	'55226694_/55226671'		10	10	10	1.336	10	10	4.23 No	1.336 Thermal Discharging
SOU061	83	'55226996_/55226941'		10	10	10	1.336	10	10	4.23 No	1.336 Thermal Discharging
SOU061	84	'55227183_/55227157'		10	10	10	1.336	10	10	4.23 No	1.336 Thermal Discharging
SOU061	85	'6760127_/43983645'		10	10	10	1.336	10	10	4.23 No	1.336 Thermal Discharging
SOU061	86	'5623389_/55227001'		10	10	10	1.336	10	10	4.23 No	1.336 Thermal Discharging
SOU061	87	'5623390_/55227026'		10	10	10	1.336	10	10	4.23 No	1.336 Thermal Discharging
SOU061	88	'55227099_/55227051'		10	10	10	1.336	10	10	4.23 No	1.336 Thermal Discharging
SOU061	89	'5623424_/55227076'		10	10	10	1.336	10	10	4.23 No	1.336 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SOU061	90	'5623444_/_55227107'		10	10	1.336	10	10	4.23 No	1.336	Thermal Discharging
SOU061	91	'59958667_/_55227132'		10	10	1.336	10	10	4.23 No	1.336	Thermal Discharging
SOU061	92	'580492709_/_5624432'		10	10	1.336	10	10	4.23 No	1.336	Thermal Discharging
SOU061	93	'5621437_/_5624449'		10	10	1.336	10	10	4.23 No	1.336	Thermal Discharging
SOU061	94	'70744189_/_70667098_1'	6.67	6.67	6.67	0.888	1.7	6.67	2.82 No	0.888	Thermal Discharging
SOU061	95	'5624628_/_5624625'		10	10	1.336	10	10	4.23 No	1.336	Thermal Discharging
SOU061	96	'43751943_/_5624645'		10	10	1.336	10	10	4.23 No	1.336	Thermal Discharging
SOU061	97	'5624665_/_5624662'		10	10	1.336	10	10	4.23 No	1.336	Thermal Discharging
SOU061	98	'5617008_/_70667098_2'	6.67	6.67	6.67	0.888	1.7	6.67	2.82 No	0.888	Thermal Discharging
SOU061	99	'5624682_/_5624679'		10	10	1.336	10	10	4.23 No	1.336	Thermal Discharging
SOU061	100	'43751956_/_5631287'		10	10	1.336	10	10	4.23 No	1.336	Thermal Discharging
SOU061	101	'5621453_/_5631236'		10	10	1.336	10	10	4.23 No	1.336	Thermal Discharging
SOU061	102	'5621454_/_5621451'		10	10	1.336	10	10	4.23 No	1.336	Thermal Discharging
SOU061	103	'43751969_/_5624696'		10	10	1.336	10	10	4.23 No	1.336	Thermal Discharging
SOU061	104	'43749206_/_70667137'	6.67	6.67	6.67	0.888	1.7	6.67	2.82 No	0.888	Thermal Discharging
SOU061	105	'5624716_/_43751971'		10	10	1.336	10	10	4.23 No	1.336	Thermal Discharging
SOU061	106	'5624733_/_5624730'		10	10	1.336	10	10	4.23 No	1.336	Thermal Discharging
SOU061	107	'5616869_/_70667164'	6.67	6.67	6.67	0.888	1.7	6.67	2.82 No	0.888	Thermal Discharging
SOU061	108	'43751982_/_5624747'		10	10	1.336	10	10	4.23 No	1.336	Thermal Discharging
SOU061	109	'5624767_/_5624764'		10	10	1.336	10	10	4.23 No	1.336	Thermal Discharging
SOU061	110	'148894241_/_5624781'		10	10	1.336	10	10	4.23 No	1.336	Thermal Discharging
SOU061	111	'154598633_/_148894098_1'		10	10	1.336	10	10	4.23 No	1.336	Thermal Discharging
SOU061	112	'5624801_/_5624798'		10	10	1.336	10	10	4.23 No	1.336	Thermal Discharging
SOU061	113	'43751995_/_5624815'		10	10	1.336	10	10	4.23 No	1.336	Thermal Discharging
SOU061	114	'43749212_/_70667183'	6.67	6.67	6.67	0.888	1.7	6.67	2.82 No	0.888	Thermal Discharging
SOU061	115	'5624835_/_5624832'		10	10	1.336	10	10	4.23 No	1.336	Thermal Discharging
SOU061	116	'5624852_/_5624849'		10	10	1.336	10	10	4.23 No	1.336	Thermal Discharging
SOU061	117	'5622450_/_5624869'		10	10	1.336	10	10	4.23 No	1.336	Thermal Discharging
SOU061	118	'5616843_/_70667202'	6.67	6.67	6.67	0.888	1.7	6.67	2.82 No	0.888	Thermal Discharging
SOU061	119	'43752306_/_5624886'		10	10	1.336	10	10	4.23 No	1.336	Thermal Discharging
SOU061	120	'85804884_/_54911689_1'		10	10	1.336	10	10	4.23 No	1.336	Thermal Discharging
SOU061	121	'5622451_/_5622464_1'	3.33	3.33	3.33	0.448	0.5	3.33	1.41 No	0.448	Thermal Discharging
SOU061	122	'5624906_/_5624903'		10	10	1.336	10	10	4.23 No	1.336	Thermal Discharging
SOU061	123	'5624926_/_5624923'		10	10	1.336	10	10	4.23 No	1.336	Thermal Discharging
SOU061	124	'43749304_/_70667229'	6.67	6.67	6.67	0.888	1.7	6.67	2.82 No	0.888	Thermal Discharging
SOU061	125	'5624943_/_5624940'		10	10	1.336	10	10	4.23 No	1.336	Thermal Discharging
SOU061	126	'43752293_/_5624957'		10	10	1.336	10	10	4.23 No	1.336	Thermal Discharging
SOU061	127	'5622467_/_5622464_2'	3.33	3.33	3.33	0.448	0.5	3.33	1.41 No	0.448	Thermal Discharging
SOU061	128	'5624977_/_5624974'		10	10	1.336	10	10	4.23 No	1.336	Thermal Discharging
SOU061	129	'5624994_/_5624991'		10	10	1.336	10	10	4.23 No	1.336	Thermal Discharging
SOU061	130	'5625011_/_5625008'		10	10	1.336	10	10	4.23 No	1.336	Thermal Discharging
SOU061	131	'6755812_/_70667248'	6.67	6.67	6.67	0.888	1.7	6.67	2.82 No	0.888	Thermal Discharging
SOU061	132	'50335283_/_50335243_1'		10	10	1.336	3.8	10	4.23 No	1.336	Thermal Discharging
SOU061	133	'5625028_/_5625025'		10	10	1.336	10	10	4.23 No	1.336	Thermal Discharging
SOU061	134	'5625045_/_5625042'		10	10	1.336	10	10	4.23 No	1.336	Thermal Discharging
SOU061	135	'50335216_/_50335243_2'		10	10	1.336	3.8	10	4.23 No	1.336	Thermal Discharging
SOU061	136	'6755799_/_70667297'	6.67	6.67	6.67	0.888	1.7	6.67	2.82 No	0.888	Thermal Discharging
SOU061	137	'5625062_/_5625059'		10	10	1.336	10	10	4.23 No	1.336	Thermal Discharging
SOU061	138	'5622707_/_5622704'	3.33	3.33	3.33	0.448	0.5	3.33	1.41 No	0.448	Thermal Discharging
SOU061	139	'5622479_/_5625076'		10	10	1.336	10	10	4.23 No	1.336	Thermal Discharging
SOU061	140	'6755786_/_70667324'	6.67	6.67	6.67	0.888	1.7	6.67	2.82 No	0.888	Thermal Discharging
SOU061	141	'5625099_/_5625096'		10	10	1.336	10	10	4.23 No	1.336	Thermal Discharging
SOU061	142	'5622480_/_5622490_1'	3.33	3.33	3.33	0.448	0.5	3.33	1.41 No	0.448	Thermal Discharging
SOU061	143	'5622408_/_5625116'		10	10	1.336	10	10	4.23 No	1.336	Thermal Discharging
SOU061	144	'6755773_/_70667343'	6.67	6.67	6.67	0.888	1.7	6.67	2.82 No	0.888	Thermal Discharging
SOU061	145	'5625136_/_5625133'		10	10	1.336	10	10	4.23 No	1.336	Thermal Discharging
SOU061	146	'57458856_/_57458823'		10	10	1.336	4.6	10	4.23 No	1.336	Thermal Discharging
SOU061	147	'5622409_/_5622422_1'	3.33	3.33	3.33	0.448	0.5	3.33	1.41 No	0.448	Thermal Discharging
SOU061	148	'580656882_/_57458860_1'		10	10	1.336	1.5	10	4.23 No	1.336	Thermal Discharging
SOU061	149	'468497109_/_148894098_2'		10	10	1.336	10	10	4.23 No	1.336	Thermal Discharging
SOU061	150	'5613343_/_148894098_3'		10	10	1.336	10	10	4.23 No	1.336	Thermal Discharging
SOU061	151	'8148101_/_50335218'		10	10	1.336	3.8	10	4.23 No	1.336	Thermal Discharging
SOU061	152	'5622493_/_5622490_2'	3.33	3.33	3.33	0.448	0.5	3.33	1.41 No	0.448	Thermal Discharging
SOU061	153	'5622645_/_5625150'		10	10	1.336	10	10	4.23 No	1.336	Thermal Discharging
SOU061	154	'43983549_/_70667362'	6.67	6.67	6.67	0.888	1.7	6.67	2.82 No	0.888	Thermal Discharging
SOU061	155	'5613320_/_473897832'		10	10	1.336	10	10	4.23 No	1.336	Thermal Discharging
SOU061	156	'487822798_/_5623265_1'	3.33	3.33	3.33	0.448	0.5	3.33	1.41 No	0.448	Thermal Discharging
SOU061	157	'5625173_/_5625170'		10	10	1.336	10	10	4.23 No	1.336	Thermal Discharging
SOU061	158	'43748341_/_43748343'		10	10	1.336	10	10	4.23 No	1.336	Thermal Discharging
SOU061	159	'580504847_/_473897855_1'		10	10	1.336	3.7	10	4.23 No	1.336	Thermal Discharging
SOU061	160	'5622644_/_5625734_2'	3.33	3.33	3.33	0.448	1.1	3.33	1.41 No	0.448	Thermal Discharging
SOU061	161	'5623217_/_5623231'		10	10	1.336	10	10	4.23 No	1.336	Thermal Discharging
SOU061	162	'5622657_/_5625187'		10	10	1.336	10	10	4.23 No	1.336	Thermal Discharging
SOU061	163	'5623200_/_5623214'		10	10	1.336	10	10	4.23 No	1.336	Thermal Discharging
SOU061	164	'43748328_/_5623197'		10	10	1.336	10	10	4.23 No	1.336	Thermal Discharging
SOU061	165	'7408283_/_7408389_1'	3.33	3.33	3.33	0.448	0.5	3.33	1.41 No	0.448	Thermal Discharging
SOU061	166	'5623166_/_5623180'		10	10	1.336	10	10	4.23 No	1.336	Thermal Discharging
SOU061	167	'6755747_/_70667389'	6.67	6.67	6.67	0.888	1.7	6.67	2.82 No	0.888	Thermal Discharging
SOU061	168	'5623149_/_5623163'		10	10	1.336	10	10	4.23 No	1.336	Thermal Discharging
SOU061	169	'5623268_/_5623265_2'	3.33	3.33	3.33	0.448	0.5	3.33	1.41 No	0.448	Thermal Discharging
SOU061	170	'5623132_/_5623146'		10	10	1.336	10	10	4.23 No	1.336	Thermal Discharging
SOU061	171	'5623115_/_5623129'		10	10	1.336	10	10	4.23 No	1.336	Thermal Discharging
SOU061	172	'660732386_/_5623112_2'		10	10	1.336	10	10	4.23 No	1.336	Thermal Discharging
SOU061	173	'43752319_/_5622422_2'	3.33	3.33	3.33	0.448	0.5	3.33	1.41 No	0.448	Thermal Discharging
SOU061	174	'6755734_/_70667408'	6.67	6.67	6.67	0.888	1.7	6.67	2.82 No	0.888	Thermal Discharging
SOU061	175	'43748315_/_5623112_1'		10	10	1.336	10	10	4.23 No	1.336	Thermal Discharging
SOU061	176	'5622658_/_5622655'		10	10	1.336	4.4	10	4.23 No	1.336	Thermal Discharging
SOU061	177	'5622506_/_5622503'	3.33	3.33	3.33	0.448	0.5	3.33	1.41 No	0.448	Thermal Discharging
SOU061	178	'5623081_/_5623095'		10	10	1.336	10	10	4.23 No	1.336	Thermal Discharging
SOU061	179	'7721293_/_8358576_1'		10	10	1.336	1.6	10	4.23 No	1.336	Thermal Discharging
SOU061	180	'5623064_/_5623078'		10	10	1.336	10	10	4.23 No	1.336	Thermal Discharging
SOU061	181	'70667459_/_70667435'	6.67	6.67	6.67	0.888	1.7	6.67	2.82 No	0.888	Thermal Discharging
SOU061	182	'43748302_/_43748304'		10	10	1.336	10	10	4.23 No	1.336	Thermal Discharging
SOU061	183	'5622590_/_5625734_1'	3.33	3.33	3.33	0.448	0.5	3.33	1.41 No	0.448	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SOU061	184	'43748278'/_/43748280'	3.33	3.33	3.33	0.448	1.5	3.33	1.41	No	0.448 Thermal Discharging
SOU061	185	'5623285'/_/5623282'	3.33	3.33	3.33	0.448	0.5	3.33	1.41	No	0.448 Thermal Discharging
SOU061	186	'5612480'/_/5623041'	10	10	10	1.336	10	10	4.23	No	1.336 Thermal Discharging
SOU061	187	'7810996'/_/7810993'	10	10	10	1.336	3.8	10	4.23	No	1.336 Thermal Discharging
SOU061	188	'43752331'/_/43752321'	3.33	3.33	3.33	0.448	0.5	3.33	1.41	No	0.448 Thermal Discharging
SOU061	189	'5613304'/_/5613301_2'	3.33	3.33	3.33	0.448	1.5	3.33	1.41	No	0.448 Thermal Discharging
SOU061	190	'5612479'/_/5612477'	10	10	10	1.336	10	10	4.23	No	1.336 Thermal Discharging
SOU061	191	'5630513'/_/5630510'	10	10	10	1.336	4.3	10	4.23	No	1.336 Thermal Discharging
SOU061	192	'8667269'/_/8667267_1'	10	10	10	1.336	4.3	10	4.23	No	1.336 Thermal Discharging
SOU061	193	'5622438'/_/8667171_1'	3.33	3.33	3.33	0.448	0.3	3.33	1.41	No	0.3 Element Fault
SOU061	194	'8358579'/_/8358576_2'	10	10	10	1.336	1.6	10	4.23	No	1.336 Thermal Discharging
SOU061	195	'5612631'/_/473897855_2'	10	10	10	1.336	3.7	10	4.23	No	1.336 Thermal Discharging
SOU061	196	'70667486'/_/70667462'	3.33	3.33	3.33	0.448	0.85	3.33	1.41	No	0.448 Thermal Discharging
SOU061	197	'5622577'/_/5622587'	3.33	3.33	3.33	0.448	0.5	3.33	1.41	No	0.448 Thermal Discharging
SOU061	198	'5630530'/_/5630527'	10	10	10	1.336	4.3	10	4.23	No	1.336 Thermal Discharging
SOU061	199	'63550275'/_/5630567_1'	10	10	10	1.336	1.5	10	4.23	No	1.336 Thermal Discharging
SOU061	200	'6755708'/_/6755718'	3.33	3.33	3.33	0.448	0.85	3.33	1.41	No	0.448 Thermal Discharging
SOU061	201	'70667509'/_/70667489'	3.33	3.33	3.33	0.448	0.85	3.33	1.41	No	0.448 Thermal Discharging
SOU061	202	'5612042'/_/5622835'	3.33	3.33	3.33	0.448	1.4	3.33	1.41	No	0.448 Thermal Discharging
SOU061	203	'43748389'/_/43748391'	10	10	10	1.336	3.7	10	4.23	No	1.336 Thermal Discharging
SOU061	204	'6755695'/_/43983575_2'	3.33	3.33	3.33	0.448	0.85	3.33	1.41	No	0.448 Thermal Discharging
SOU061	205	'5612649'/_/5612646'	6.67	6.67	6.67	0.888	2.47	6.67	2.82	No	0.888 Thermal Discharging
SOU061	206	'57458933'/_/57458860_2'	10	10	10	1.336	1.5	10	4.23	No	1.336 Thermal Discharging
SOU061	207	'43748354'/_/5623299'	3.33	3.33	3.33	0.448	0.5	3.33	1.41	No	0.448 Thermal Discharging
SOU061	208	'5612428'/_/5613301_1'	3.33	3.33	3.33	0.448	0.5	3.33	1.41	No	0.448 Thermal Discharging
SOU061	209	'5612029'/_/5612039_2'	3.33	3.33	3.33	0.448	1.4	3.33	1.41	No	0.448 Thermal Discharging
SOU061	210	'6752374'/_/70667512'	3.33	3.33	3.33	0.448	0.85	3.33	1.41	No	0.448 Thermal Discharging
SOU061	211	'5612016'/_/5612039_1'	3.33	3.33	3.33	0.448	0.5	3.33	1.41	No	0.448 Thermal Discharging
SOU061	212	'43748425'/_/5613374'	10	10	10	1.336	3.4	10	4.23	No	1.336 Thermal Discharging
SOU061	213	'43752353'/_/5622574'	3.33	3.33	3.33	0.448	0.5	3.33	1.41	No	0.448 Thermal Discharging
SOU061	214	'70667595'/_/6755575_1'	3.33	3.33	3.33	0.448	0.5	3.33	1.41	No	0.448 Thermal Discharging
SOU061	215	'5602139'/_/43748356'	3.33	3.33	3.33	0.448	0.5	3.33	1.41	No	0.448 Thermal Discharging
SOU061	216	'580505197'/_/6752410_1'	3.33	3.33	3.33	0.448	0.5	3.33	1.41	No	0.448 Thermal Discharging
SOU061	217	'43983573'/_/43983575_1'	3.03	3.33	3.33	0.448	0.5	3.33	1.41	No	0.448 Thermal Discharging
SOU061	218	'5612601'/_/5612613'	10	10	10	1.336	3.7	10	4.23	No	1.336 Thermal Discharging
SOU061	219	'5622632'/_/5625708'	3.33	3.33	3.33	0.448	0.5	3.33	1.41	No	0.448 Thermal Discharging
SOU061	220	'5613400'/_/5613397'	10	10	10	1.336	3.4	10	4.23	No	1.336 Thermal Discharging
SOU061	221	'6755682'/_/6755679_2'	2.83	3.33	3.33	0.448	0.5	3.33	1.41	No	0.448 Thermal Discharging
SOU061	222	'6755578'/_/6755575_2'	3.33	3.33	3.33	0.448	0.5	3.33	1.41	No	0.448 Thermal Discharging
SOU061	223	'475522076'/_/5612598_1'	10	10	10	1.336	1.6	10	4.23	No	1.336 Thermal Discharging
SOU061	224	'43748267'/_/43748269'	3.33	3.33	3.33	0.448	0.5	3.33	1.41	No	0.448 Thermal Discharging
SOU061	225	'43748401'/_/5612664'	6.67	6.67	6.67	0.888	2.47	6.67	2.82	No	0.888 Thermal Discharging
SOU061	226	'7815418'/_/9393482'	10	10	10	1.336	3.8	10	4.23	No	1.336 Thermal Discharging
SOU061	227	'5612441'/_/5612438'	3.33	3.33	3.33	0.448	0.5	3.33	1.41	No	0.448 Thermal Discharging
SOU061	228	'580505263'/_/6752410_2'	3.33	3.33	3.33	0.448	0.5	3.33	1.41	No	0.448 Thermal Discharging
SOU061	229	'6752361'/_/6752371'	3.33	3.33	3.33	0.448	0.85	3.33	1.41	No	0.448 Thermal Discharging
SOU061	230	'7815417'/_/7815415'	6.67	6.67	6.67	0.888	2.53	6.67	2.82	No	0.888 Thermal Discharging
SOU061	231	'5612586'/_/5612598_2'	9.3	10	10	1.336	1.6	10	4.23	No	1.336 Thermal Discharging
SOU061	232	'6755669'/_/6755679_1'	1.83	3.33	3.33	0.448	0.5	3.33	1.41	No	0.448 Thermal Discharging
SOU061	233	'43752352'/_/5622545'	3.33	3.33	3.33	0.448	0.5	3.33	1.41	No	0.448 Thermal Discharging
SOU061	234	'5612058'/_/5612055'	3.33	3.33	3.33	0.448	0.5	3.33	1.41	No	0.448 Thermal Discharging
SOU061	235	'5602045'/_/43748403'	6.67	6.67	6.67	0.888	2.47	6.67	2.82	No	0.888 Thermal Discharging
SOU061	236	'5631414'/_/5631411'	3.33	3.33	3.33	0.448	0.5	3.33	1.41	No	0.448 Thermal Discharging
SOU061	237	'5612000'/_/5612013'	3.33	3.33	3.33	0.448	0.5	3.33	1.41	No	0.448 Thermal Discharging
SOU061	238	'6755591'/_/6755588_1'	3.33	3.33	3.33	0.448	0.5	3.33	1.41	No	0.448 Thermal Discharging
SOU061	239	'5612973'/_/5613415'	6.1	10	10	1.336	3.4	10	4.23	No	1.336 Thermal Discharging
SOU061	240	'353852476'/_/5612957_2'	2.03	3.33	3.33	0.448	1.13	3.33	1.41	No	0.448 Thermal Discharging
SOU061	241	'43983527'/_/6755588_2'	3.33	3.33	3.33	0.448	0.5	3.33	1.41	No	0.448 Thermal Discharging
SOU061	242	'6752347'/_/6752358'	3.33	3.33	3.33	0.448	0.85	3.33	1.41	No	0.448 Thermal Discharging
SOU061	243	'5612402'/_/5612412'	3.33	3.33	3.33	0.448	0.5	3.33	1.41	No	0.448 Thermal Discharging
SOU061	244	'43748377'/_/43748379'	5.2	10	10	1.336	1.6	10	4.23	No	1.336 Thermal Discharging
SOU061	245	'43748413'/_/5602043'	3.67	6.67	6.67	0.888	2.47	6.67	2.82	No	0.888 Thermal Discharging
SOU061	246	'5612454'/_/5612451'	3.33	3.33	3.33	0.448	0.5	3.33	1.41	No	0.448 Thermal Discharging
SOU061	247	'241694552'/_/7721026_1'	3.67	6.67	6.67	0.888	1.7	6.67	2.82	No	0.888 Thermal Discharging
SOU061	248	'57458863'/_/57458930'	10	10	10	1.336	1.5	10	4.23	No	1.336 Thermal Discharging
SOU061	249	'5612947'/_/5612957_1'	2.13	3.33	3.33	0.448	0.5	3.33	1.41	No	0.448 Thermal Discharging
SOU061	250	'43983516'/_/6752397'	3.33	3.33	3.33	0.448	0.5	3.33	1.41	No	0.448 Thermal Discharging
SOU061	251	'5622616'/_/5622629'	3.33	3.33	3.33	0.448	0.5	3.33	1.41	No	0.448 Thermal Discharging
SOU061	252	'8134825'/_/8667171_2'	3.33	3.33	3.33	0.448	0.3	3.33	1.41	No	0.3 Element Fault
SOU061	253	'5611999'/_/5611997'	3.33	3.33	3.33	0.448	0.5	3.33	1.41	No	0.448 Thermal Discharging
SOU061	254	'7721029'/_/7721026_2'	3.33	6.67	6.67	0.888	1.7	6.67	2.82	No	0.888 Thermal Discharging
SOU061	255	'5613436'/_/5613433'	5	10	10	1.336	3.4	10	4.23	No	1.336 Thermal Discharging
SOU061	256	'6755668'/_/6755666'	1.37	3.33	3.33	0.448	0.5	3.33	1.41	No	0.448 Thermal Discharging
SOU061	257	'5612074'/_/5612071'	3.33	3.33	3.33	0.448	0.5	3.33	1.41	No	0.448 Thermal Discharging
SOU061	258	'6752276'/_/6752345'	3.33	3.33	3.33	0.448	0.85	3.33	1.41	No	0.448 Thermal Discharging
SOU061	259	'5622603'/_/5622613'	3.33	3.33	3.33	0.448	0.5	3.33	1.41	No	0.448 Thermal Discharging
SOU061	260	'5612934'/_/5612944'	2.23	3.33	3.33	0.448	0.5	3.33	1.41	No	0.448 Thermal Discharging
SOU061	261	'5612556'/_/5612568'	4.4	10	10	1.336	1.6	10	4.23	No	1.336 Thermal Discharging
SOU061	262	'38035033'/_/38035051'	10	10	10	1.336	3.8	10	4.23	No	1.336 Thermal Discharging
SOU061	263	'38035040'/_/38035037'	10	10	10	1.336	3.8	10	4.23	No	1.336 Thermal Discharging
SOU061	264	'404545966'/_/404545963'	10	10	10	1.336	3.8	10	4.23	No	1.336 Thermal Discharging
SOU061	265	'38035026'/_/38035030'	10	10	10	1.336	3.8	10	4.23	No	1.336 Thermal Discharging
SOU061	266	'38035053'/_/9396862'	10	10	10	1.336	3.8	10	4.23	No	1.336 Thermal Discharging
SOU061	267	'8441998'/_/9393790_2'	10	10	10	1.336	3.8	10	4.23	No	1.336 Thermal Discharging
SOU061	268	'5622720'/_/9393790_1'	10	10	10	1.336	1.6	10	4.23	No	1.336 Thermal Discharging
SOU061	269	'6755604'/_/43983529'	3.33	3.33	3.33	0.448	0.5	3.33	1.41	No	0.448 Thermal Discharging
SOU061	270	'5612389'/_/5612399'	1.73	3.33	3.33	0.448	0.5	3.33	1.41	No	0.448 Thermal Discharging
SOU061	271	'43748131'/_/5632178'	3.13	3.33	3.33	0.448	0.5	3.33	1.41	No	0.448 Thermal Discharging
SOU061	272	'5612541'/_/5612553'	4	10	10	1.336	1.6	10	4.23	No	1.336 Thermal Discharging
SOU061	273	'43748291'/_/5625459'	1.7	3.33	3.33	0.448	0.5	3.33	1.41	No	0.448 Thermal Discharging
SOU061	274	'5631682'/_/5631718'	3.17	3.33	3.33	0.448	0.5	3.33	1.41	No	0.448 Thermal Discharging
SOU061	275	'6752386'/_/6752384'	3.33	3.33	3.33	0.448	0.5	3.33	1.41	No	0.448 Thermal Discharging
SOU061	276	'6752277'/_/6752274'	3.33	3.33	3.33	0.448	0.85	3.33	1.41	No	0.448 Thermal Discharging
SOU061	277	'5613451'/_/5613448'	4.1	10	10	1.336	3.4	10	4.23	No	1.336 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SOU061	278	'5625462_/_5625472_1'	1.63	3.33	3.33	0.448	0.5	3.33	1.41 No	0.448	Thermal Discharging
SOU061	279	'5622602_/_5622600'	1.57	3.33	3.33	0.448	0.5	3.33	1.41 No	0.448	Thermal Discharging
SOU061	280	'70859678_/_5622558_2'	3.33	3.33	3.33	0.448	1.27	3.33	1.41 No	0.448	Thermal Discharging
SOU061	281	'43748526_/_43748528'	2.87	3.33	3.33	0.448	0.5	3.33	1.41 No	0.448	Thermal Discharging
SOU061	282	'5613550_/_5613560_1'	1.37	3.33	3.33	0.448	0.5	3.33	1.41 No	0.448	Thermal Discharging
SOU061	283	'5622393_/_5622558_1'	3.33	3.33	3.33	0.448	0.8	3.33	1.41 No	0.448	Thermal Discharging
SOU061	284	'8148086_/_8148099'	3.33	3.33	3.33	0.448	1.27	3.33	1.41 No	0.448	Thermal Discharging
SOU061	285	'71255566_/_7721044'	2.53	6.67	6.67	0.888	1.7	6.67	2.82 No	0.888	Thermal Discharging
SOU061	286	'7811200_/_9077615'	10	10	10	1.336	3.8	10	4.23 No	1.336	Thermal Discharging
SOU061	287	'7810995_/_55002772'	3.33	3.33	3.33	0.448	1.27	3.33	1.41 No	0.448	Thermal Discharging
SOU061	288	'43748365_/_43748367'	3.7	10	10	1.336	1.6	10	4.23 No	1.336	Thermal Discharging
SOU061	289	'43984310_/_43984312'	1.1	3.33	3.33	0.448	0.5	3.33	1.41 No	0.448	Thermal Discharging
SOU061	290	'5613041_/_5613560_2'	1.3	3.33	3.33	0.448	0.5	3.33	1.41 No	0.448	Thermal Discharging
SOU061	291	'6755617_/_6755614'	3.33	3.33	3.33	0.448	0.5	3.33	1.41 No	0.448	Thermal Discharging
SOU061	292	'43751732_/_43751734'	10	10	10	1.336	1.6	10	4.23 No	1.336	Thermal Discharging
SOU061	293	'5612908_/_5612918'	2.97	3.33	3.33	0.448	0.5	3.33	1.41 No	0.448	Thermal Discharging
SOU061	294	'5631668_/_5631679'	1.63	3.33	3.33	0.448	0.5	3.33	1.41 No	0.448	Thermal Discharging
SOU061	295	'43748136_/_43748133'	1.6	3.33	3.33	0.448	0.5	3.33	1.41 No	0.448	Thermal Discharging
SOU061	296	'5613469_/_5613466'	2.53	6.67	6.67	0.888	2.27	6.67	2.82 No	0.888	Thermal Discharging
SOU061	297	'5631695_/_5631692'	1.6	3.33	3.33	0.448	0.5	3.33	1.41 No	0.448	Thermal Discharging
SOU061	298	'5612466_/_5625472_2'	1.4	3.33	3.33	0.448	0.5	3.33	1.41 No	0.448	Thermal Discharging
SOU061	299	'43748256_/_5612386'	1.37	3.33	3.33	0.448	0.5	3.33	1.41 No	0.448	Thermal Discharging
SOU061	300	'43751719_/_5622717'	10	10	10	1.336	1.6	10	4.23 No	1.336	Thermal Discharging
SOU061	301	'43983538_/_6755627'	3.33	3.33	3.33	0.448	0.5	3.33	1.41 No	0.448	Thermal Discharging
SOU061	302	'5612511_/_5612523'	3.3	10	10	1.336	1.6	10	4.23 No	1.336	Thermal Discharging
SOU061	303	'43748537_/_5613534'	1.17	3.33	3.33	0.448	0.5	3.33	1.41 No	0.448	Thermal Discharging
SOU061	304	'84386880_/_5613560_3'	1.17	3.33	3.33	0.448	0.5	3.33	1.41 No	0.448	Thermal Discharging
SOU061	305	'6756173_/_6756171'	3.33	3.33	3.33	0.448	0.5	3.33	1.41 No	0.448	Thermal Discharging
SOU061	306	'43983494_/_6752287'	3.33	3.33	3.33	0.448	0.85	3.33	1.41 No	0.448	Thermal Discharging
SOU061	307	'5622380_/_5622390'	3.33	3.33	3.33	0.448	0.8	3.33	1.41 No	0.448	Thermal Discharging
SOU061	308	'5612907_/_5612905'	3.13	3.33	3.33	0.448	0.5	3.33	1.41 No	0.448	Thermal Discharging
SOU061	309	'6756601_/_6763786'	0.93	3.33	3.33	0.448	0.5	3.33	1.41 No	0.448	Thermal Discharging
SOU061	310	'5621018_/_5621032'	10	10	10	1.336	1.6	10	4.23 No	1.336	Thermal Discharging
SOU061	311	'5612493_/_5612508'	3.1	10	10	1.336	1.6	10	4.23 No	1.336	Thermal Discharging
SOU061	312	'7498857_/_8129353'	10	10	10	1.336	3.8	10	4.23 No	1.336	Thermal Discharging
SOU061	313	'5631669_/_5631666'	1.33	3.33	3.33	0.448	0.5	3.33	1.41 No	0.448	Thermal Discharging
SOU061	314	'5622367_/_5622377'	3.33	3.33	3.33	0.448	0.8	3.33	1.41 No	0.448	Thermal Discharging
SOU061	315	'468020883_/_468020665_2'	3.1	10	10	1.336	1.6	10	4.23 No	1.336	Thermal Discharging
SOU061	316	'7811149_/_7811147'	6.67	6.67	6.67	0.888	2.53	6.67	2.82 No	0.888	Thermal Discharging
SOU061	317	'5631708_/_5631705'	1.33	3.33	3.33	0.448	0.5	3.33	1.41 No	0.448	Thermal Discharging
SOU061	318	'5613482_/_5613479'	2.27	6.67	6.67	0.888	2.27	6.67	2.82 No	0.888	Thermal Discharging
SOU061	319	'6755643_/_43983540'	3.33	3.33	3.33	0.448	0.5	3.33	1.41 No	0.448	Thermal Discharging
SOU061	320	'6763762_/_6763760'	3.33	3.33	3.33	0.448	0.5	3.33	1.41 No	0.448	Thermal Discharging
SOU061	321	'5613592_/_5613602_1'	1.13	3.33	3.33	0.448	0.5	3.33	1.41 No	0.448	Thermal Discharging
SOU061	322	'7407997_/_468020665_1'	2.9	10	10	1.336	0.9	10	4.23 No	0.9	Element Fault
SOU061	323	'5612360_/_5612370'	1.17	3.33	3.33	0.448	0.5	3.33	1.41 No	0.448	Thermal Discharging
SOU061	324	'7811015_/_7811013'	3.33	3.33	3.33	0.448	1.27	3.33	1.41 No	0.448	Thermal Discharging
SOU061	325	'5613015_/_5613025'	1.03	3.33	3.33	0.448	0.5	3.33	1.41 No	0.448	Thermal Discharging
SOU061	326	'5613054_/_5613051'	1.03	3.33	3.33	0.448	0.5	3.33	1.41 No	0.448	Thermal Discharging
SOU061	327	'5621001_/_5621015'	10	10	10	1.336	1.6	10	4.23 No	1.336	Thermal Discharging
SOU061	328	'5613106_/_5613602_2'	1.13	3.33	3.33	0.448	0.5	3.33	1.41 No	0.448	Thermal Discharging
SOU061	329	'5625682_/_55002795_2'	3.33	3.33	3.33	0.448	0.5	3.33	1.41 No	0.448	Thermal Discharging
SOU061	330	'468020582_/_5612490'	2.9	10	10	1.336	1.6	10	4.23 No	1.336	Thermal Discharging
SOU061	331	'6752306_/_6752303'	2.37	3.33	3.33	0.448	0.85	3.33	1.41 No	0.448	Thermal Discharging
SOU061	332	'8044926_/_55002795_1'	3.33	3.33	3.33	0.448	0.5	3.33	1.41 No	0.448	Thermal Discharging
SOU061	333	'8133788_/_8133785'	3.33	3.33	3.33	0.448	1.27	3.33	1.41 No	0.448	Thermal Discharging
SOU061	334	'43752282_/_5622364'	3.33	3.33	3.33	0.448	0.8	3.33	1.41 No	0.448	Thermal Discharging
SOU061	335	'5612347_/_5612357'	1.1	3.33	3.33	0.448	0.5	3.33	1.41 No	0.448	Thermal Discharging
SOU061	336	'5625666_/_5625679'	3.33	3.33	3.33	0.448	0.5	3.33	1.41 No	0.448	Thermal Discharging
SOU061	337	'5613498_/_5613495'	1.07	3.33	3.33	0.448	1.13	3.33	1.41 No	0.448	Thermal Discharging
SOU061	338	'6755656_/_6755653'	2.2	3.33	3.33	0.448	0.5	3.33	1.41 No	0.448	Thermal Discharging
SOU061	339	'6747281_/_6756598'	0.83	3.33	3.33	0.448	0.5	3.33	1.41 No	0.448	Thermal Discharging
SOU061	340	'580492226_/_580492224'	3.33	3.33	3.33	0.448	0.5	3.33	1.41 No	0.448	Thermal Discharging
SOU061	341	'5613575_/_5613573'	1.17	3.33	3.33	0.448	0.5	3.33	1.41 No	0.448	Thermal Discharging
SOU061	342	'5620984_/_5620998'	10	10	10	1.336	1.6	10	4.23 No	1.336	Thermal Discharging
SOU061	343	'8665931_/_468020608'	2.7	10	10	1.336	0.9	10	4.23 No	0.9	Element Fault
SOU061	344	'84386926_/_5613602_3'	1.17	3.33	3.33	0.448	0.5	3.33	1.41 No	0.448	Thermal Discharging
SOU061	345	'5612467_/_43749153'	1.03	3.33	3.33	0.448	0.5	3.33	1.41 No	0.448	Thermal Discharging
SOU061	346	'6752319_/_6752316'	2.03	3.33	3.33	0.448	0.85	3.33	1.41 No	0.448	Thermal Discharging
SOU061	347	'5625698_/_5625695'	3.33	3.33	3.33	0.448	0.5	3.33	1.41 No	0.448	Thermal Discharging
SOU061	348	'5622341_/_5622351'	3.33	3.33	3.33	0.448	0.8	3.33	1.41 No	0.448	Thermal Discharging
SOU061	349	'7815435_/_8133749'	3.33	3.33	3.33	0.448	1.27	3.33	1.41 No	0.448	Thermal Discharging
SOU061	350	'5613067_/_5613064'	0.93	3.33	3.33	0.448	0.5	3.33	1.41 No	0.448	Thermal Discharging
SOU061	351	'38035153_/_9705922'	10	10	10	1.336	3.8	10	4.23 No	1.336	Thermal Discharging
SOU061	352	'38035138_/_38035150'	10	10	10	1.336	3.8	10	4.23 No	1.336	Thermal Discharging
SOU061	353	'38035167_/_38035164'	10	10	10	1.336	3.8	10	4.23 No	1.336	Thermal Discharging
SOU061	354	'38035146_/_38035143'	10	10	10	1.336	3.8	10	4.23 No	1.336	Thermal Discharging
SOU061	355	'404545443_/_38035136'	10	10	10	1.336	3.8	10	4.23 No	1.336	Thermal Discharging
SOU061	356	'5613014_/_5613012'	0.93	3.33	3.33	0.448	0.5	3.33	1.41 No	0.448	Thermal Discharging
SOU061	357	'5612334_/_5612344'	1	3.33	3.33	0.448	0.5	3.33	1.41 No	0.448	Thermal Discharging
SOU061	358	'5613511_/_5613508_1'	1	3.33	3.33	0.448	0.6	3.33	1.41 No	0.448	Thermal Discharging
SOU061	359	'5625640_/_43752437_2'	3.33	3.33	3.33	0.448	1.1	3.33	1.41 No	0.448	Thermal Discharging
SOU061	360	'5602201_/_108759978_1'	1.93	6.67	6.67	0.888	1.2	6.67	2.82 No	0.888	Thermal Discharging
SOU061	361	'465639488_/_468020643_1'	2.5	10	10	1.336	0.9	10	4.23 No	0.9	Element Fault
SOU061	362	'108759994_/_108759978_2'	1.93	6.67	6.67	0.888	1.7	6.67	2.82 No	0.888	Thermal Discharging
SOU061	363	'7499160_/_7499158_2'	10	10	10	1.336	3.8	10	4.23 No	1.336	Thermal Discharging
SOU061	364	'43752446_/_5625663'	3.33	3.33	3.33	0.448	0.5	3.33	1.41 No	0.448	Thermal Discharging
SOU061	365	'5613197_/_5613508_2'	1	3.33	3.33	0.448	0.6	3.33	1.41 No	0.448	Thermal Discharging
SOU061	366	'7170960_/_7499158_1'	10	10	10	1.336	1.5	10	4.23 No	1.336	Thermal Discharging
SOU061	367	'43751706_/_5620981'	10	10	10	1.336	1.6	10	4.23 No	1.336	Thermal Discharging
SOU061	368	'5624327_/_7170957'	10	10	10	1.336	1.5	10	4.23 No	1.336	Thermal Discharging
SOU061	369	'43752389_/_5625335'	1.17	3.33	3.33	0.448	0.5	3.33	1.41 No	0.448	Thermal Discharging
SOU061	370	'43984321_/_6747278'	0.73	3.33	3.33	0.448	0.5	3.33	1.41 No	0.448	Thermal Discharging
SOU061	371	'5616787_/_7099988'	1.8	3.33	3.33	0.448	0.5	3.33	1.41 No	0.448	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SOU061	372	'43751625_/_5624324'		10	10	1.336	1.5	10	4.23	No	1.336 Thermal Discharging
SOU061	373	'70667656_/_6752332'		1.8	3.33	3.33	0.448	0.85	3.33	1.41	No 0.448 Thermal Discharging
SOU061	374	'43752435_/_43752437_1'		3.33	3.33	3.33	0.448	0.5	3.33	1.41	No 0.448 Thermal Discharging
SOU061	375	'5620947_/_5620964'		10	10	10	1.336	1.6	10	4.23	No 1.336 Thermal Discharging
SOU061	376	'5624293_/_5624307'		10	10	10	1.336	1.5	10	4.23	No 1.336 Thermal Discharging
SOU061	377	'5613184_/_5613194'		0.97	3.33	3.33	0.448	0.6	3.33	1.41	No 0.448 Thermal Discharging
SOU061	378	'5613119_/_5613116'		1.17	3.33	3.33	0.448	0.5	3.33	1.41	No 0.448 Thermal Discharging
SOU061	379	'5624276_/_5624290'		10	10	10	1.336	1.5	10	4.23	No 1.336 Thermal Discharging
SOU061	380	'5602202_/_5602199'		1.8	6.67	6.67	0.888	1.2	6.67	2.82	No 0.888 Thermal Discharging
SOU061	381	'43751612_/_43751614'		10	10	10	1.336	1.5	10	4.23	No 1.336 Thermal Discharging
SOU061	382	'5624239_/_5624256'		10	10	10	1.336	1.5	10	4.23	No 1.336 Thermal Discharging
SOU061	383	'43748704_/_5613861'		1.8	6.67	6.67	0.888	1.2	6.67	2.82	No 0.888 Thermal Discharging
SOU061	384	'43752271_/_5622338'		3.33	3.33	3.33	0.448	0.8	3.33	1.41	No 0.448 Thermal Discharging
SOU061	385	'5612321_/_5612331_2'		0.93	3.33	3.33	0.448	0.5	3.33	1.41	No 0.448 Thermal Discharging
SOU061	386	'5613080_/_5613077'		0.87	3.33	3.33	0.448	0.5	3.33	1.41	No 0.448 Thermal Discharging
SOU061	387	'43751649_/_43751651'		10	10	10	1.336	1.6	10	4.23	No 1.336 Thermal Discharging
SOU061	388	'43748603_/_43748605'		0.93	3.33	3.33	0.448	0.6	3.33	1.41	No 0.448 Thermal Discharging
SOU061	389	'43751599_/_43751601'		10	10	10	1.336	1.5	10	4.23	No 1.336 Thermal Discharging
SOU061	390	'43748245_/_5612331_1'		0.9	3.33	3.33	0.448	0.5	3.33	1.41	No 0.448 Thermal Discharging
SOU061	391	'5620946_/_8985633_1'		10	10	10	1.336	1	10	4.23	No 1 Element Fault
SOU061	392	'5622302_/_5625650'		3.33	3.33	3.33	0.448	0.5	3.33	1.41	No 0.448 Thermal Discharging
SOU061	393	'5616788_/_5616785'		1.6	3.33	3.33	0.448	0.5	3.33	1.41	No 0.448 Thermal Discharging
SOU061	394	'70667615_/_70667631'		1.6	3.33	3.33	0.448	0.85	3.33	1.41	No 0.448 Thermal Discharging
SOU061	395	'5613158_/_5613168'		0.93	3.33	3.33	0.448	0.6	3.33	1.41	No 0.448 Thermal Discharging
SOU061	396	'6747267_/_6747265'		0.67	3.33	3.33	0.448	0.5	3.33	1.41	No 0.448 Thermal Discharging
SOU061	397	'5613093_/_5625322'		1.17	3.33	3.33	0.448	0.5	3.33	1.41	No 0.448 Thermal Discharging
SOU061	398	'43752400_/_5613207'		0.9	3.33	3.33	0.448	0.6	3.33	1.41	No 0.448 Thermal Discharging
SOU061	399	'5613882_/_43748706'		1.67	6.67	6.67	0.888	1.2	6.67	2.82	No 0.888 Thermal Discharging
SOU061	400	'7811570_/_7811567'		10	10	10	1.336	3.8	10	4.23	No 1.336 Thermal Discharging
SOU061	401	'43748581_/_5632737'		1.17	3.33	3.33	0.448	0.5	3.33	1.41	No 0.448 Thermal Discharging
SOU061	402	'5622237_/_5625621'		3.33	3.33	3.33	0.448	0.5	3.33	1.41	No 0.448 Thermal Discharging
SOU061	403	'5622289_/_5622299'		3.33	3.33	3.33	0.448	0.5	3.33	1.41	No 0.448 Thermal Discharging
SOU061	404	'70667664_/_70667612'		1.53	3.33	3.33	0.448	0.85	3.33	1.41	No 0.448 Thermal Discharging
SOU061	405	'5613145_/_5613155'		0.9	3.33	3.33	0.448	0.6	3.33	1.41	No 0.448 Thermal Discharging
SOU061	406	'5622315_/_5622325'		3.33	3.33	3.33	0.448	0.8	3.33	1.41	No 0.448 Thermal Discharging
SOU061	407	'5612308_/_5612318'		0.83	3.33	3.33	0.448	0.5	3.33	1.41	No 0.448 Thermal Discharging
SOU061	408	'5613897_/_5613894'		1.6	6.67	6.67	0.888	1.2	6.67	2.82	No 0.888 Thermal Discharging
SOU061	409	'71255588_/_71255603'		3.33	3.33	3.33	0.448	0.85	3.33	1.41	No 0.448 Thermal Discharging
SOU061	410	'7721047_/_71255563'		3.33	3.33	3.33	0.448	0.85	3.33	1.41	No 0.448 Thermal Discharging
SOU061	411	'43748749_/_5614036'		0.77	3.33	3.33	0.448	0.5	3.33	1.41	No 0.448 Thermal Discharging
SOU061	412	'43748592_/_5613142'		0.9	3.33	3.33	0.448	0.6	3.33	1.41	No 0.448 Thermal Discharging
SOU061	413	'43983472_/_7099972'		1.43	3.33	3.33	0.448	0.85	3.33	1.41	No 0.448 Thermal Discharging
SOU061	414	'5621695_/_5622312'		3.33	3.33	3.33	0.448	0.8	3.33	1.41	No 0.448 Thermal Discharging
SOU061	415	'43752260_/_43752262'		3.33	3.33	3.33	0.448	0.5	3.33	1.41	No 0.448 Thermal Discharging
SOU061	416	'5613223_/_5613220'		0.83	3.33	3.33	0.448	0.6	3.33	1.41	No 0.448 Thermal Discharging
SOU061	417	'6763775_/_43984334'		0.63	3.33	3.33	0.448	0.5	3.33	1.41	No 0.448 Thermal Discharging
SOU061	418	'8759455_/_8759452'		10	10	10	1.336	3.8	10	4.23	No 1.336 Thermal Discharging
SOU061	419	'43748692_/_5613909'		1.53	6.67	6.67	0.888	1.2	6.67	2.82	No 0.888 Thermal Discharging
SOU061	420	'5613262_/_43748594'		0.87	3.33	3.33	0.448	0.6	3.33	1.41	No 0.448 Thermal Discharging
SOU061	421	'43749195_/_5616798'		1.4	3.33	3.33	0.448	0.5	3.33	1.41	No 0.448 Thermal Discharging
SOU061	422	'5613092_/_43748561'		1.2	3.33	3.33	0.448	0.5	3.33	1.41	No 0.448 Thermal Discharging
SOU061	423	'43752249_/_43752251'		3.33	3.33	3.33	0.448	0.5	3.33	1.41	No 0.448 Thermal Discharging
SOU061	424	'5612295_/_5612305'		0.8	3.33	3.33	0.448	0.5	3.33	1.41	No 0.448 Thermal Discharging
SOU061	425	'8985635_/_8985633_2'		3	10	10	1.336	1	10	4.23	No 1 Element Fault
SOU061	426	'5622276_/_5622273_2'		3.33	3.33	3.33	0.448	0.5	3.33	1.41	No 0.448 Thermal Discharging
SOU061	427	'5602231_/_5602228'		1.37	3.33	3.33	0.448	0.85	3.33	1.41	No 0.448 Thermal Discharging
SOU061	428	'5613132_/_43748583'		1.2	3.33	3.33	0.448	0.5	3.33	1.41	No 0.448 Thermal Discharging
SOU061	429	'5602244_/_5602241'		1.33	3.33	3.33	0.448	0.85	3.33	1.41	No 0.448 Thermal Discharging
SOU061	430	'5613278_/_5613275'		0.83	3.33	3.33	0.448	0.6	3.33	1.41	No 0.448 Thermal Discharging
SOU061	431	'5613236_/_5613233'		0.77	3.33	3.33	0.448	0.6	3.33	1.41	No 0.448 Thermal Discharging
SOU061	432	'5614052_/_5614049'		0.7	3.33	3.33	0.448	0.5	3.33	1.41	No 0.448 Thermal Discharging
SOU061	433	'5616814_/_5616811'		1.27	3.33	3.33	0.448	0.5	3.33	1.41	No 0.448 Thermal Discharging
SOU061	434	'43748234_/_43748236'		0.73	3.33	3.33	0.448	0.5	3.33	1.41	No 0.448 Thermal Discharging
SOU061	435	'5622263_/_5622273_1'		3.33	3.33	3.33	0.448	0.5	3.33	1.41	No 0.448 Thermal Discharging
SOU061	436	'43751877_/_43751879'		3.33	3.33	3.33	0.448	0.8	3.33	1.41	No 0.448 Thermal Discharging
SOU061	437	'5622211_/_5622221'		3.33	3.33	3.33	0.448	0.5	3.33	1.41	No 0.448 Thermal Discharging
SOU061	438	'7811133_/_7811197'		3.33	3.33	3.33	0.448	1.27	3.33	1.41	No 0.448 Thermal Discharging
SOU061	439	'5620931_/_43751686_2'		3.33	3.33	3.33	0.448	1.1	3.33	1.41	No 0.448 Thermal Discharging
SOU061	440	'43748760_/_5614091'		1.2	3.33	3.33	0.448	0.5	3.33	1.41	No 0.448 Thermal Discharging
SOU061	441	'7811456_/_7811453'		10	10	10	1.336	3.8	10	4.23	No 1.336 Thermal Discharging
SOU061	442	'5602257_/_5602254'		1.27	3.33	3.33	0.448	0.85	3.33	1.41	No 0.448 Thermal Discharging
SOU061	443	'5613291_/_5613288'		0.8	3.33	3.33	0.448	0.6	3.33	1.41	No 0.448 Thermal Discharging
SOU061	444	'7811134_/_7811131'		3.33	3.33	3.33	0.448	1.27	3.33	1.41	No 0.448 Thermal Discharging
SOU061	445	'5615154_/_5615151_2'		0.8	3.33	3.33	0.448	0.6	3.33	1.41	No 0.448 Thermal Discharging
SOU061	446	'5614065_/_5614062'		0.67	3.33	3.33	0.448	0.5	3.33	1.41	No 0.448 Thermal Discharging
SOU061	447	'5621669_/_5621679'		3.33	3.33	3.33	0.448	0.8	3.33	1.41	No 0.448 Thermal Discharging
SOU061	448	'43751684_/_43751686_1'		3.33	3.33	3.33	0.448	0.5	3.33	1.41	No 0.448 Thermal Discharging
SOU061	449	'5615141_/_5615151_1'		0.77	3.33	3.33	0.448	0.4	3.33	1.41	No 0.4 Element Fault
SOU061	450	'5616827_/_5616824'		1.17	3.33	3.33	0.448	0.5	3.33	1.41	No 0.448 Thermal Discharging
SOU061	451	'5622198_/_5622208'		3.33	3.33	3.33	0.448	0.5	3.33	1.41	No 0.448 Thermal Discharging
SOU061	452	'8358422_/_8358420'		3.33	3.33	3.33	0.448	0.85	3.33	1.41	No 0.448 Thermal Discharging
SOU061	453	'45173368_/_5612279'		0.7	3.33	3.33	0.448	0.5	3.33	1.41	No 0.448 Thermal Discharging
SOU061	454	'5622250_/_5622260'		3.33	3.33	3.33	0.448	0.5	3.33	1.41	No 0.448 Thermal Discharging
SOU061	455	'43749184_/_5602267'		1.2	3.33	3.33	0.448	0.85	3.33	1.41	No 0.448 Thermal Discharging
SOU061	456	'43748771_/_5613246'		0.7	3.33	3.33	0.448	0.6	3.33	1.41	No 0.448 Thermal Discharging
SOU061	457	'7407961_/_448501734'		3.33	3.33	3.33	0.448	0.85	3.33	1.41	No 0.448 Thermal Discharging
SOU061	458	'5614078_/_5614075'		0.63	3.33	3.33	0.448	0.5	3.33	1.41	No 0.448 Thermal Discharging
SOU061	459	'5621656_/_5621666'		3.33	3.33	3.33	0.448	0.8	3.33	1.41	No 0.448 Thermal Discharging
SOU061	460	'5614412_/_5614409'		0.73	3.33	3.33	0.448	0.6	3.33	1.41	No 0.448 Thermal Discharging
SOU061	461	'5602217_/_5602280'		1.13	3.33	3.33	0.448	0.85	3.33	1.41	No 0.448 Thermal Discharging
SOU061	462	'5622185_/_5622195'		3.33	2.73	3.33	0.448	0.5	3.33	1.41	No 0.448 Thermal Discharging
SOU061	463	'5621919_/_5622247'		3.33	3.33	3.33	0.448	0.5	3.33	1.41	No 0.448 Thermal Discharging
SOU061	464	'5620905_/_5620915'		3.33	3.33	3.33	0.448	0.5	3.33	1.41	No 0.448 Thermal Discharging
SOU061	465	'5602186_/_5615138'		0.73	3.33	3.33	0.448	0.4	3.33	1.41	No 0.4 Element Fault

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SOU061	466	'7811317_/_9077653'	10	10	10	1.336	3.8	10	4.23	No	1.336 Thermal Discharging
SOU061	467	'5614107_/_43748762'	1.07	3.33	3.33	0.448	0.5	3.33	1.41	No	0.448 Thermal Discharging
SOU061	468	'71255626_/_71255623'	3.33	3.33	3.33	0.448	0.85	3.33	1.41	No	0.448 Thermal Discharging
SOU061	469	'5625351_/_5625348'	0.7	3.33	3.33	0.448	0.6	3.33	1.41	No	0.448 Thermal Discharging
SOU061	470	'43751888_/_5621653'	3.33	3.33	3.33	0.448	0.8	3.33	1.41	No	0.448 Thermal Discharging
SOU061	471	'5614120_/_5614117'	0.63	3.33	3.33	0.448	0.6	3.33	1.41	No	0.448 Thermal Discharging
SOU061	472	'43752238_/_43752240'	3.33	2.73	3.33	0.448	0.5	3.33	1.41	No	0.448 Thermal Discharging
SOU061	473	'7498856_/_7498854'	3.33	3.33	3.33	0.448	1.27	3.33	1.41	No	0.448 Thermal Discharging
SOU061	474	'5622691_/_43751675_2'	3.33	3.33	3.33	0.448	1.1	3.33	1.41	No	0.448 Thermal Discharging
SOU061	475	'43749173_/_5602215'	1.1	3.33	3.33	0.448	0.85	3.33	1.41	No	0.448 Thermal Discharging
SOU061	476	'5612882_/_5612892'	0.7	3.33	3.33	0.448	0.4	3.33	1.41	No	0.4 Element Fault
SOU061	477	'5602173_/_5602183'	0.7	3.33	3.33	0.448	0.4	3.33	1.41	No	0.4 Element Fault
SOU061	478	'5625504_/_5625501'	1.03	3.33	3.33	0.448	0.5	3.33	1.41	No	0.448 Thermal Discharging
SOU061	479	'5614308_/_5614305'	0.7	3.33	3.33	0.448	0.4	3.33	1.41	No	0.4 Element Fault
SOU061	480	'43751866_/_43751868'	3.33	3.33	3.33	0.448	0.5	3.33	1.41	No	0.448 Thermal Discharging
SOU061	481	'5625367_/_5625364'	0.67	3.33	3.33	0.448	0.6	3.33	1.41	No	0.448 Thermal Discharging
SOU061	482	'5614425_/_5614422'	0.67	3.33	3.33	0.448	0.6	3.33	1.41	No	0.448 Thermal Discharging
SOU061	483	'43751695_/_5620902'	3.33	3.33	3.33	0.448	0.5	3.33	1.41	No	0.448 Thermal Discharging
SOU061	484	'5621630_/_5621640'	3.33	3.33	3.33	0.448	0.8	3.33	1.41	No	0.448 Thermal Discharging
SOU061	485	'43751673_/_43751675_1'	3.33	3.33	3.33	0.448	0.5	3.33	1.41	No	0.448 Thermal Discharging
SOU061	486	'5620840_/_5620837_2'	3.33	3.33	3.33	0.448	0.5	3.33	1.41	No	0.448 Thermal Discharging
SOU061	487	'5602172_/_5602170'	0.67	3.33	3.33	0.448	0.4	3.33	1.41	No	0.4 Element Fault
SOU061	488	'5616408_/_5630694'	1.03	3.33	3.33	0.448	0.85	3.33	1.41	No	0.448 Thermal Discharging
SOU061	489	'5622159_/_5622169'	3.33	2.73	3.33	0.448	0.5	3.33	1.41	No	0.448 Thermal Discharging
SOU061	490	'5612869_/_5612879'	0.67	3.33	3.33	0.448	0.4	3.33	1.41	No	0.4 Element Fault
SOU061	491	'5614133_/_5614130'	0.6	3.33	3.33	0.448	0.6	3.33	1.41	No	0.448 Thermal Discharging
SOU061	492	'5614438_/_5614435'	0.63	3.33	3.33	0.448	0.6	3.33	1.41	No	0.448 Thermal Discharging
SOU061	493	'5620879_/_5620889'	3.33	3.33	3.33	0.448	0.5	3.33	1.41	No	0.448 Thermal Discharging
SOU061	494	'5621893_/_5621903'	3.33	3.33	3.33	0.448	0.5	3.33	1.41	No	0.448 Thermal Discharging
SOU061	495	'5621617_/_5621627'	3.33	3.33	3.33	0.448	0.8	3.33	1.41	No	0.448 Thermal Discharging
SOU061	496	'5620827_/_5620837_1'	3.33	3.33	3.33	0.448	0.5	3.33	1.41	No	0.448 Thermal Discharging
SOU061	497	'5616409_/_5616406'	1	3.33	3.33	0.448	0.85	3.33	1.41	No	0.448 Thermal Discharging
SOU061	498	'5614463_/_5614461'	0.63	3.33	3.33	0.448	0.6	3.33	1.41	No	0.448 Thermal Discharging
SOU061	499	'43748838_/_5614318'	0.63	3.33	3.33	0.448	0.4	3.33	1.41	No	0.4 Element Fault
SOU061	500	'7408392_/_7408389_2'	0.5	3.33	3.33	0.448	0.5	3.33	1.41	No	0.448 Thermal Discharging
SOU061	501	'580657792_/_5602152_1'	0.9	3.33	3.33	0.448	0.4	3.33	1.41	No	0.4 Element Fault
SOU061	502	'53713694_/_53387727'	0.93	3.33	3.33	0.448	0.5	3.33	1.41	No	0.448 Thermal Discharging
SOU061	503	'5602074_/_5602152_2'	0.9	3.33	3.33	0.448	0.4	3.33	1.41	No	0.4 Element Fault
SOU061	504	'8956342_/_8956339'	0.5	3.33	3.33	0.448	0.5	3.33	1.41	No	0.448 Thermal Discharging
SOU061	505	'5621055_/_5621052'	0.97	3.33	3.33	0.448	0.85	3.33	1.41	No	0.448 Thermal Discharging
SOU061	506	'5614451_/_5614448'	0.6	3.33	3.33	0.448	0.6	3.33	1.41	No	0.448 Thermal Discharging
SOU061	507	'5625517_/_5625514'	0.57	3.33	3.33	0.448	0.6	3.33	1.41	No	0.448 Thermal Discharging
SOU061	508	'5622158_/_5622156'	3.33	2.73	3.33	0.448	0.5	3.33	1.41	No	0.448 Thermal Discharging
SOU061	509	'5612804_/_5615125'	0.63	3.33	3.33	0.448	0.4	3.33	1.41	No	0.4 Element Fault
SOU061	510	'5620866_/_5620876'	3.33	3.33	3.33	0.448	0.5	3.33	1.41	No	0.448 Thermal Discharging
SOU061	511	'43748504_/_5612866'	0.6	3.33	3.33	0.448	0.4	3.33	1.41	No	0.4 Element Fault
SOU061	512	'5621604_/_5621614'	3.33	3.33	3.33	0.448	0.8	3.33	1.41	No	0.448 Thermal Discharging
SOU061	513	'5625530_/_5625527'	0.57	3.33	3.33	0.448	0.6	3.33	1.41	No	0.448 Thermal Discharging
SOU061	514	'43751662_/_5620824'	3.33	3.33	3.33	0.448	0.5	3.33	1.41	No	0.448 Thermal Discharging
SOU061	515	'43751855_/_43751857'	3.33	3.33	3.33	0.448	0.5	3.33	1.41	No	0.448 Thermal Discharging
SOU061	516	'5621974_/_5621984'	0.93	3.33	3.33	0.448	0.85	3.33	1.41	No	0.448 Thermal Discharging
SOU061	517	'5625380_/_5625377'	0.6	3.33	3.33	0.448	0.6	3.33	1.41	No	0.448 Thermal Discharging
SOU061	518	'580656965_/_9705618'	3.33	3.33	3.33	0.448	1.27	3.33	1.41	No	0.448 Thermal Discharging
SOU061	519	'5612791_/_5612801'	0.6	3.33	3.33	0.448	0.4	3.33	1.41	No	0.4 Element Fault
SOU061	520	'5614334_/_5614331'	0.6	3.33	3.33	0.448	0.4	3.33	1.41	No	0.4 Element Fault
SOU061	521	'5602087_/_5602084'	0.9	3.33	3.33	0.448	0.4	3.33	1.41	No	0.4 Element Fault
SOU061	522	'5602073_/_5602071'	0.9	3.33	3.33	0.448	0.4	3.33	1.41	No	0.4 Element Fault
SOU061	523	'447789384_/_9705820'	10	10	10	1.336	3.8	10	4.23	No	1.336 Thermal Discharging
SOU061	524	'5614162_/_5614159'	0.6	3.33	3.33	0.448	0.4	3.33	1.41	No	0.4 Element Fault
SOU061	525	'580656989_/_55002848_1'	3.33	3.33	3.33	0.448	0.5	3.33	1.41	No	0.448 Thermal Discharging
SOU061	526	'5620853_/_5620863'	3.33	3.33	3.33	0.448	0.5	3.33	1.41	No	0.448 Thermal Discharging
SOU061	527	'43751811_/_5625280'	3.33	2.73	3.33	0.448	0.5	3.33	1.41	No	0.448 Thermal Discharging
SOU061	528	'43751555_/_55002848_2'	3.33	3.33	3.33	0.448	0.5	3.33	1.41	No	0.448 Thermal Discharging
SOU061	529	'43751899_/_43751901'	3.33	3.33	3.33	0.448	0.8	3.33	1.41	No	0.448 Thermal Discharging
SOU061	530	'5622000_/_5621997'	0.9	3.33	3.33	0.448	0.85	3.33	1.41	No	0.448 Thermal Discharging
SOU061	531	'8129391_/_8129389'	3.33	3.33	3.33	0.448	1.27	3.33	1.41	No	0.448 Thermal Discharging
SOU061	532	'5621867_/_5621877'	3.33	3.33	3.33	0.448	0.5	3.33	1.41	No	0.448 Thermal Discharging
SOU061	533	'5614145_/_5625540'	0.53	3.27	3.33	0.448	0.6	3.33	1.41	No	0.448 Thermal Discharging
SOU061	534	'447789213_/_447829177'	10	10	10	1.336	3.8	10	4.23	No	1.336 Thermal Discharging
SOU061	535	'447789196_/_447789210'	10	10	10	1.336	3.8	10	4.23	No	1.336 Thermal Discharging
SOU061	536	'447789221_/_447789218'	10	10	10	1.336	3.8	10	4.23	No	1.336 Thermal Discharging
SOU061	537	'447789197_/_447789194'	10	10	10	1.336	3.8	10	4.23	No	1.336 Thermal Discharging
SOU061	538	'5621961_/_5621971'	0.9	3.33	3.33	0.448	0.85	3.33	1.41	No	0.448 Thermal Discharging
SOU061	539	'5620211_/_5620850'	3.33	3.33	3.33	0.448	0.5	3.33	1.41	No	0.448 Thermal Discharging
SOU061	540	'5620762_/_43751590_2'	3.33	3.33	3.33	0.448	0.5	3.33	1.41	No	0.448 Thermal Discharging
SOU061	541	'5620801_/_5620811'	3.33	3.33	3.33	0.448	0.5	3.33	1.41	No	0.448 Thermal Discharging
SOU061	542	'5613715_/_5613725'	0.93	3.33	3.33	0.448	0.4	3.33	1.41	No	0.4 Element Fault
SOU061	543	'5614347_/_5614344'	0.57	3.33	3.33	0.448	0.4	3.33	1.41	No	0.4 Element Fault
SOU061	544	'5612843_/_5612853'	0.57	3.33	3.33	0.448	0.4	3.33	1.41	No	0.4 Element Fault
SOU061	545	'5602100_/_5602097'	0.93	3.33	3.33	0.448	0.4	3.33	1.41	No	0.4 Element Fault
SOU061	546	'43748471_/_5612788'	0.57	3.33	3.33	0.448	0.4	3.33	1.41	No	0.4 Element Fault
SOU061	547	'447789338_/_447789467'	10	10	10	1.336	3.8	10	4.23	No	1.336 Thermal Discharging
SOU061	548	'447789426_/_447829211'	10	10	10	1.336	3.8	10	4.23	No	1.336 Thermal Discharging
SOU061	549	'5614146_/_5614143'	0.53	3.17	3.33	0.448	0.6	3.33	1.41	No	0.448 Thermal Discharging
SOU061	550	'5620720_/_5620730'	3.33	3.33	3.33	0.448	0.5	3.33	1.41	No	0.448 Thermal Discharging
SOU061	551	'5625393_/_5625390'	0.57	3.33	3.33	0.448	0.6	3.33	1.41	No	0.448 Thermal Discharging
SOU061	552	'5614010_/_5614020'	0.93	3.33	3.33	0.448	0.4	3.33	1.41	No	0.4 Element Fault
SOU061	553	'5621948_/_5621958'	0.87	3.33	3.33	0.448	0.85	3.33	1.41	No	0.448 Thermal Discharging
SOU061	554	'5622146_/_5625267'	3.33	2.73	3.33	0.448	0.5	3.33	1.41	No	0.448 Thermal Discharging
SOU061	555	'5621854_/_5621864'	3.33	3.33	3.33	0.448	0.5	3.33	1.41	No	0.448 Thermal Discharging
SOU061	556	'43751588_/_43751590_1'	3.33	3.33	3.33	0.448	0.3	3.33	1.41	No	0.3 Element Fault
SOU061	557	'43748658_/_5613806'	0.93	3.33	3.33	0.448	0.4	3.33	1.41	No	0.4 Element Fault
SOU061	558	'5613997_/_5614007'	0.93	3.33	3.33	0.448	0.4	3.33	1.41	No	0.4 Element Fault
SOU061	559	'5620707_/_5620717'	3.33	3.33	3.33	0.448	0.5	3.33	1.41	No	0.448 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SOU061	560	'43748805_/5614172'	0.57	3.27	3.33	0.448	0.4	3.33	1.41	No	0.4 Element Fault
SOU061	561	'8442019_/447789342_1'	10	10	10	1.336	1.5	10	4.23	No	1.336 Thermal Discharging
SOU061	562	'447194001_/447789342_2'	10	10	10	1.336	1.5	10	4.23	No	1.336 Thermal Discharging
SOU061	563	'43751756_/5622010'	0.87	3.33	3.33	0.448	0.85	3.33	1.41	No	0.448 Thermal Discharging
SOU061	564	'580657317_/43752413'	10	10	10	1.336	1.5	10	4.23	No	1.336 Thermal Discharging
SOU061	565	'5621578_/5621588'	3.33	3.33	3.33	0.448	0.8	3.33	1.41	No	0.448 Thermal Discharging
SOU061	566	'441406000_/5621945'	0.87	3.33	3.33	0.448	0.5	3.33	1.41	No	0.448 Thermal Discharging
SOU061	567	'5620788_/5620798'	3.33	3.33	3.33	0.448	0.5	3.33	1.41	No	0.448 Thermal Discharging
SOU061	568	'5614360_/5614357'	0.53	3.2	3.33	0.448	0.4	3.33	1.41	No	0.4 Element Fault
SOU061	569	'43748727_/5613994'	0.93	3.33	3.33	0.448	0.4	3.33	1.41	No	0.4 Element Fault
SOU061	570	'5612765_/5612775'	0.57	3.17	3.33	0.448	0.4	3.33	1.41	No	0.4 Element Fault
SOU061	571	'43751401_/43751403'	3.33	3.33	3.33	0.448	0.5	3.33	1.41	No	0.448 Thermal Discharging
SOU061	572	'43751844_/43751846'	3.33	3.33	3.33	0.448	0.5	3.33	1.41	No	0.448 Thermal Discharging
SOU061	573	'5613702_/5613712'	0.93	3.33	3.33	0.448	0.4	3.33	1.41	No	0.4 Element Fault
SOU061	574	'5620276_/5620286'	3.33	3.33	3.33	0.448	0.3	3.33	1.41	No	0.3 Element Fault
SOU061	575	'5613822_/5613819'	0.93	3.33	3.33	0.448	0.4	3.33	1.41	No	0.4 Element Fault
SOU061	576	'43751800_/5622143'	3.33	2.73	3.33	0.448	0.5	3.33	1.41	No	0.448 Thermal Discharging
SOU061	577	'43748493_/43748495'	0.53	3.1	3.33	0.448	0.4	3.33	1.41	No	0.4 Element Fault
SOU061	578	'5620775_/5620785'	3.33	3.33	3.33	0.448	0.5	3.33	1.41	No	0.448 Thermal Discharging
SOU061	579	'5613971_/5613981'	0.93	3.33	3.33	0.448	0.4	3.33	1.41	No	0.4 Element Fault
SOU061	580	'5620706_/5620704'	3.33	3.33	3.33	0.448	0.5	3.33	1.41	No	0.448 Thermal Discharging
SOU061	581	'43751910_/43751912'	3.33	3.33	3.33	0.448	0.8	3.33	1.41	No	0.448 Thermal Discharging
SOU061	582	'43748849_/5614370'	0.53	3.03	3.33	0.448	0.4	3.33	1.41	No	0.4 Element Fault
SOU061	583	'5622026_/43751758'	0.8	3.33	3.33	0.448	0.85	3.33	1.41	No	0.448 Thermal Discharging
SOU061	584	'580657013_/9077389'	3.33	3.33	3.33	0.448	1.27	3.33	1.41	No	0.448 Thermal Discharging
SOU061	585	'43748460_/43748462'	0.53	3.03	3.33	0.448	0.4	3.33	1.41	No	0.4 Element Fault
SOU061	586	'5614373_/5614383_1'	0.53	3	3.33	0.448	0.4	3.33	1.41	No	0.4 Element Fault
SOU061	587	'5614188_/5614185'	0.53	3	3.33	0.448	0.4	3.33	1.41	No	0.4 Element Fault
SOU061	588	'580657019_/55002887_2'	3.33	3.33	3.33	0.448	1.27	3.33	1.41	No	0.448 Thermal Discharging
SOU061	589	'5615771_/5615768'	1.27	6.67	6.67	0.888	1	6.67	2.82	No	0.888 Thermal Discharging
SOU061	590	'5613689_/5613699'	0.93	3.33	3.33	0.448	0.4	3.33	1.41	No	0.4 Element Fault
SOU061	591	'5620185_/5620195'	3.33	3.33	3.33	0.448	0.5	3.33	1.41	No	0.448 Thermal Discharging
SOU061	592	'5622120_/5622130'	3.33	2.73	3.33	0.448	0.5	3.33	1.41	No	0.448 Thermal Discharging
SOU061	593	'5621828_/5621838'	3.33	3.33	3.33	0.448	0.5	3.33	1.41	No	0.448 Thermal Discharging
SOU061	594	'7811455_/8129733'	3.33	3.33	3.33	0.448	1.27	3.33	1.41	No	0.448 Thermal Discharging
SOU061	595	'5620636_/55002887_1'	3.33	3.33	3.33	0.448	0.5	3.33	1.41	No	0.448 Thermal Discharging
SOU061	596	'5620250_/5620772_2'	3.33	3.33	3.33	0.448	0.5	3.33	1.41	No	0.448 Thermal Discharging
SOU061	597	'43748669_/5613835'	0.93	3.33	3.33	0.448	0.4	3.33	1.41	No	0.4 Element Fault
SOU061	598	'5613796_/5613793'	0.97	3.33	3.33	0.448	0.4	3.33	1.41	No	0.4 Element Fault
SOU061	599	'5620263_/5620273'	3.33	3.33	3.33	0.448	0.3	3.33	1.41	No	0.3 Element Fault
SOU061	600	'5613741_/5613738'	0.97	3.33	3.33	0.448	0.4	3.33	1.41	No	0.4 Element Fault
SOU061	601	'5613957_/5613968'	0.97	3.33	3.33	0.448	0.4	3.33	1.41	No	0.4 Element Fault
SOU061	602	'43751638_/5620772_1'	3.33	3.33	3.33	0.448	0.5	3.33	1.41	No	0.448 Thermal Discharging
SOU061	603	'5620620_/5620633'	3.33	3.33	3.33	0.448	0.5	3.33	1.41	No	0.448 Thermal Discharging
SOU061	604	'43751566_/5625963'	3.33	3.33	3.33	0.448	0.5	3.33	1.41	No	0.448 Thermal Discharging
SOU061	605	'5612829_/5612827'	0.5	2.87	3.33	0.448	0.4	3.33	1.41	No	0.4 Element Fault
SOU061	606	'5621552_/5621562'	3.33	3.33	3.33	0.448	0.8	3.33	1.41	No	0.448 Thermal Discharging
SOU061	607	'5614201_/5614198'	0.5	2.87	3.33	0.448	0.4	3.33	1.41	No	0.4 Element Fault
SOU061	608	'5620172_/5620182'	3.33	3.33	3.33	0.448	0.5	3.33	1.41	No	0.448 Thermal Discharging
SOU061	609	'5622042_/5622039'	0.77	3.3	3.33	0.448	0.85	3.33	1.41	No	0.448 Thermal Discharging
SOU061	610	'5614386_/5614383_2'	0.5	2.83	3.33	0.448	0.4	3.33	1.41	No	0.4 Element Fault
SOU061	611	'5613673_/5613686'	0.97	3.33	3.33	0.448	0.4	3.33	1.41	No	0.4 Element Fault
SOU061	612	'43751522_/5620646'	3.33	3.33	3.33	0.448	0.5	3.33	1.41	No	0.448 Thermal Discharging
SOU061	613	'43751091_/5615786'	1.13	6.67	6.67	0.888	1	6.67	2.82	No	0.888 Thermal Discharging
SOU061	614	'5612739_/5612749'	0.5	2.8	3.33	0.448	0.4	3.33	1.41	No	0.4 Element Fault
SOU061	615	'5622107_/5622117'	3.33	2.73	3.33	0.448	0.5	3.33	1.41	No	0.448 Thermal Discharging
SOU061	616	'43748738_/5613955'	0.97	3.33	3.33	0.448	0.4	3.33	1.41	No	0.4 Element Fault
SOU061	617	'43748681_/43748671'	0.97	3.33	3.33	0.448	0.4	3.33	1.41	No	0.4 Element Fault
SOU061	618	'5621815_/5621825'	3.33	3.33	3.33	0.448	0.5	3.33	1.41	No	0.448 Thermal Discharging
SOU061	619	'43748647_/5613754'	0.97	3.33	3.33	0.448	0.4	3.33	1.41	No	0.4 Element Fault
SOU061	620	'5620237_/5620247'	3.33	2.73	3.33	0.448	0.5	3.33	1.41	No	0.448 Thermal Discharging
SOU061	621	'43751368_/5620260'	3.33	3.33	3.33	0.448	0.3	3.33	1.41	No	0.3 Element Fault
SOU061	622	'5613851_/9301148_1'	0.97	3.33	3.33	0.448	0.1	3.33	1.41	No	0.1 Element Fault
SOU061	623	'5620619_/5620617'	3.33	3.33	3.33	0.448	0.5	3.33	1.41	No	0.448 Thermal Discharging
SOU061	624	'5625952_/5625950'	3.33	3.33	3.33	0.448	0.5	3.33	1.41	No	0.448 Thermal Discharging
SOU061	625	'5620171_/43751392'	3.33	3.33	3.33	0.448	0.5	3.33	1.41	No	0.448 Thermal Discharging
SOU061	626	'5621539_/5621549'	3.33	3.33	3.33	0.448	0.8	3.33	1.41	No	0.448 Thermal Discharging
SOU061	627	'5614214_/5614211'	0.5	2.73	3.33	0.448	0.4	3.33	1.41	No	0.4 Element Fault
SOU061	628	'5613660_/5613670'	0.97	3.33	3.33	0.448	0.4	3.33	1.41	No	0.4 Element Fault
SOU061	629	'5614399_/5614396'	0.5	2.73	3.33	0.448	0.4	3.33	1.41	No	0.4 Element Fault
SOU061	630	'5621802_/5621812'	3.33	3.33	3.33	0.448	0.5	3.33	1.41	No	0.448 Thermal Discharging
SOU061	631	'43751577_/43751579'	3.33	3.33	3.33	0.448	0.5	3.33	1.41	No	0.448 Thermal Discharging
SOU061	632	'43748482_/5625799'	0.47	2.7	3.33	0.448	0.4	3.33	1.41	No	0.4 Element Fault
SOU061	633	'5613002_/5613942'	0.97	3.33	3.33	0.448	0.4	3.33	1.41	No	0.4 Element Fault
SOU061	634	'55002919_/8441980'	3.33	2.73	3.33	0.448	1.27	3.33	1.41	No	0.448 Thermal Discharging
SOU061	635	'43751789_/5622104'	3.33	2.73	3.33	0.448	0.5	3.33	1.41	No	0.448 Thermal Discharging
SOU061	636	'5620529_/8129765_2'	3.33	2.73	3.33	0.448	1.27	3.33	1.41	No	0.448 Thermal Discharging
SOU061	637	'43751511_/5622747'	3.33	3.33	3.33	0.448	0.5	3.33	1.41	No	0.448 Thermal Discharging
SOU061	638	'49234767_/5620539_1'	3.33	2.73	3.33	0.448	0.5	3.33	1.41	No	0.448 Thermal Discharging
SOU061	639	'8129767_/8129765_1'	3.33	2.73	3.33	0.448	1.27	3.33	1.41	No	0.448 Thermal Discharging
SOU061	640	'45074066_/5620662'	3.33	3.33	3.33	0.448	0.5	3.33	1.41	No	0.448 Thermal Discharging
SOU061	641	'5621526_/5621536'	3.33	3.33	3.33	0.448	0.8	3.33	1.41	No	0.448 Thermal Discharging
SOU061	642	'5613644_/5613657'	0.97	3.33	3.33	0.448	0.4	3.33	1.41	No	0.4 Element Fault
SOU061	643	'5620224_/5620234'	3.33	2.73	3.33	0.448	0.5	3.33	1.41	No	0.448 Thermal Discharging
SOU061	644	'43748636_/43748649'	0.97	3.33	3.33	0.448	0.4	3.33	1.41	No	0.4 Element Fault
SOU061	645	'43751833_/5621799'	3.33	3.33	3.33	0.448	0.5	3.33	1.41	No	0.448 Thermal Discharging
SOU061	646	'43748449_/43748451'	0.47	2.6	3.33	0.448	0.4	3.33	1.41	No	0.4 Element Fault
SOU061	647	'5620691_/5631333'	3.33	3.33	3.33	0.448	0.5	3.33	1.41	No	0.448 Thermal Discharging
SOU061	648	'43748816_/5614224'	0.47	2.6	3.33	0.448	0.4	3.33	1.41	No	0.4 Element Fault
SOU061	649	'43751921_/5621523'	3.33	3.33	3.33	0.448	0.8	3.33	1.41	No	0.448 Thermal Discharging
SOU061	650	'5620516_/5620526'	3.33	2.73	3.33	0.448	1.1	3.33	1.41	No	0.448 Thermal Discharging
SOU061	651	'43751544_/5620539_2'	3.33	2.73	3.33	0.448	0.5	3.33	1.41	No	0.448 Thermal Discharging
SOU061	652	'5612989_/5612999'	1	3.33	3.33	0.448	0.4	3.33	1.41	No	0.4 Element Fault
SOU061	653	'5622081_/5622091'	3.33	2.73	3.33	0.448	0.5	3.33	1.41	No	0.448 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SOU061	654	'5602060_/_5613780'		0.97	3.33	3.33	0.448	0.4	3.33	1.41 No	0.4 Element Fault
SOU061	655	'5621776_/_5621786'		3.33	3.33	3.33	0.448	0.5	3.33	1.41 No	0.448 Thermal Discharging
SOU061	656	'5620594_/_5620604'		3.33	3.33	3.33	0.448	0.5	3.33	1.41 No	0.448 Thermal Discharging
SOU061	657	'5620503_/_5620513'		3.33	2.73	3.33	0.448	1.1	3.33	1.41 No	0.448 Thermal Discharging
SOU061	658	'5614240_/_5614237'		0.47	2.53	3.33	0.448	0.4	3.33	1.41 No	0.4 Element Fault
SOU061	659	'5620555_/_43751546'		3.33	2.73	3.33	0.448	0.5	3.33	1.41 No	0.448 Thermal Discharging
SOU061	660	'5612816_/_5625783'		0.47	2.5	3.33	0.448	0.4	3.33	1.41 No	0.4 Element Fault
SOU061	661	'5612988_/_5612986'		1	3.33	3.33	0.448	0.4	3.33	1.41 No	0.4 Element Fault
SOU061	662	'5620678_/_5620688'		3.33	3.33	3.33	0.448	0.5	3.33	1.41 No	0.448 Thermal Discharging
SOU061	663	'5620223_/_43751381'		3.33	2.73	3.33	0.448	0.5	3.33	1.41 No	0.448 Thermal Discharging
SOU061	664	'345363316_/_447789430'		1.4	10	10	1.336	3.8	10	4.23 No	1.336 Thermal Discharging
SOU061	665	'5612817_/_5612814'		0.43	2.47	3.33	0.448	0.4	3.33	1.41 No	0.4 Element Fault
SOU061	666	'5612713_/_5612723'		0.47	2.47	3.33	0.448	0.4	3.33	1.41 No	0.4 Element Fault
SOU061	667	'43748625_/_5602058'		1	3.33	3.33	0.448	0.4	3.33	1.41 No	0.4 Element Fault
SOU061	668	'43748614_/_5613641'		1	3.33	3.33	0.448	0.4	3.33	1.41 No	0.4 Element Fault
SOU061	669	'5602061_/_8044740_2'		1	3.33	3.33	0.448	0.4	3.33	1.41 No	0.4 Element Fault
SOU061	670	'5614253_/_5614250'		0.47	2.47	3.33	0.448	0.4	3.33	1.41 No	0.4 Element Fault
SOU061	671	'5621500_/_5621510'		3.33	3.33	3.33	0.448	0.8	3.33	1.41 No	0.448 Thermal Discharging
SOU061	672	'5621760_/_5621773'		3.33	3.33	3.33	0.448	0.5	3.33	1.41 No	0.448 Thermal Discharging
SOU061	673	'580657188_/_580492208_2'		3.33	2.73	3.33	0.448	1	3.33	1.41 No	0.448 Thermal Discharging
SOU061	674	'55002953_/_7811315'		3.33	2.73	3.33	0.448	1.27	3.33	1.41 No	0.448 Thermal Discharging
SOU061	675	'43751533_/_5622672'		3.33	2.73	3.33	0.448	0.5	3.33	1.41 No	0.448 Thermal Discharging
SOU061	676	'7811334_/_7811331'		3.33	2.73	3.33	0.448	1.27	3.33	1.41 No	0.448 Thermal Discharging
SOU061	677	'8358439_/_9301148_2'		1	3.33	3.33	0.448	0.1	3.33	1.41 No	0.1 Element Fault
SOU061	678	'121777115_/_119779768_1'		3.33	2.73	3.33	0.448	0.3	3.33	1.41 No	0.3 Element Fault
SOU061	679	'580492210_/_580492208_1'		3.33	2.73	3.33	0.448	0.5	3.33	1.41 No	0.448 Thermal Discharging
SOU061	680	'5620677_/_5620675'		3.33	3.33	3.33	0.448	0.5	3.33	1.41 No	0.448 Thermal Discharging
SOU061	681	'43751778_/_5622078'		3.33	2.73	3.33	0.448	0.5	3.33	1.41 No	0.448 Thermal Discharging
SOU061	682	'5620581_/_5620591'		3.33	3.33	3.33	0.448	0.5	3.33	1.41 No	0.448 Thermal Discharging
SOU061	683	'43751500_/_43751502'		3.33	2.73	3.33	0.448	1.1	3.33	1.41 No	0.448 Thermal Discharging
SOU061	684	'5621747_/_5621757'		3.33	3.33	3.33	0.448	0.5	3.33	1.41 No	0.448 Thermal Discharging
SOU061	685	'8044726_/_8044740_1'		1	3.33	3.33	0.448	0.2	3.33	1.41 No	0.2 Element Fault
SOU061	686	'70754323_/_8358436_1'		1	3.33	3.33	0.448	0.2	3.33	1.41 No	0.2 Element Fault
SOU061	687	'5614269_/_5614266'		0.43	2.4	3.33	0.448	0.4	3.33	1.41 No	0.4 Element Fault
SOU061	688	'5613618_/_5613628'		1	3.33	3.33	0.448	0.4	3.33	1.41 No	0.4 Element Fault
SOU061	689	'55003003_/_55002979'		3.33	2.73	3.33	0.448	0.5	3.33	1.41 No	0.448 Thermal Discharging
SOU061	690	'5625296_/_5625293_2'		3.33	2.73	3.33	0.448	0.5	3.33	1.41 No	0.448 Thermal Discharging
SOU061	691	'5621734_/_5621744'		3.33	3.33	3.33	0.448	0.5	3.33	1.41 No	0.448 Thermal Discharging
SOU061	692	'5612697_/_5612710'		0.43	2.33	3.33	0.448	0.4	3.33	1.41 No	0.4 Element Fault
SOU061	693	'5620568_/_5620578'		3.33	3.33	3.33	0.448	0.5	3.33	1.41 No	0.448 Thermal Discharging
SOU061	694	'43751932_/_43751934'		1.23	3.33	3.33	0.448	0.8	3.33	1.41 No	0.448 Thermal Discharging
SOU061	695	'5622055_/_5622065'		3.33	2.73	3.33	0.448	0.5	3.33	1.41 No	0.448 Thermal Discharging
SOU061	696	'5620412_/_5625293_1'		3.33	2.73	3.33	0.448	0.5	3.33	1.41 No	0.448 Thermal Discharging
SOU061	697	'43748827_/_5614279'		0.43	2.33	3.33	0.448	0.4	3.33	1.41 No	0.4 Element Fault
SOU061	698	'7098125_/_7098136'		0.77	3.33	3.33	0.448	0.5	3.33	1.41 No	0.448 Thermal Discharging
SOU061	699	'397724681_/_8044724'		1	3.33	3.33	0.448	0.2	3.33	1.41 No	0.2 Element Fault
SOU061	700	'5620477_/_5620487'		3.33	2.73	3.33	0.448	1.1	3.33	1.41 No	0.448 Thermal Discharging
SOU061	701	'5613617_/_5613615'		1.03	3.33	3.33	0.448	0.4	3.33	1.41 No	0.4 Element Fault
SOU061	702	'8044727_/_397724701'		1	3.33	3.33	0.448	0.2	3.33	1.41 No	0.2 Element Fault
SOU061	703	'5616639_/_5622052'		3.33	2.73	3.33	0.448	0.5	3.33	1.41 No	0.448 Thermal Discharging
SOU061	704	'43751822_/_5621731'		3.33	3.33	3.33	0.448	0.5	3.33	1.41 No	0.448 Thermal Discharging
SOU061	705	'5620399_/_5620409'		3.33	2.73	3.33	0.448	0.5	3.33	1.41 No	0.448 Thermal Discharging
SOU061	706	'5621474_/_5621484'		1.1	3.33	3.33	0.448	0.8	3.33	1.41 No	0.448 Thermal Discharging
SOU061	707	'5620567_/_5620565'		3.33	2.73	3.33	0.448	0.5	3.33	1.41 No	0.448 Thermal Discharging
SOU061	708	'5616626_/_5616636'		3.33	2.73	3.33	0.448	0.5	3.33	1.41 No	0.448 Thermal Discharging
SOU061	709	'5620464_/_5620474'		3.33	2.73	3.33	0.448	1	3.33	1.41 No	0.448 Thermal Discharging
SOU061	710	'5612696_/_43748440'		0.4	2.23	3.33	0.448	0.4	3.33	1.41 No	0.4 Primary Over-Voltage
SOU061	711	'5621708_/_5621718'		3.33	3.33	3.33	0.448	0.5	3.33	1.41 No	0.448 Thermal Discharging
SOU061	712	'613182645_/_43751747'		1	3.33	3.33	0.448	0.8	3.33	1.41 No	0.448 Thermal Discharging
SOU061	713	'5620386_/_5620396'		3.33	2.73	3.33	0.448	0.5	3.33	1.41 No	0.448 Thermal Discharging
SOU061	714	'5616613_/_5616623'		1.1	2.73	3.33	0.448	0.5	3.33	1.41 No	0.448 Thermal Discharging
SOU061	715	'5616668_/_5616678_1'		1.1	2.73	3.33	0.448	0.3	3.33	1.41 No	0.3 Element Fault
SOU061	716	'9612657_/_119779768_2'		3.33	2.73	3.33	0.448	0.3	3.33	1.41 No	0.3 Element Fault
SOU061	717	'5616652_/_5616649'		0.93	2.73	3.33	0.448	0.5	3.33	1.41 No	0.448 Thermal Discharging
SOU061	718	'5621707_/_5621705'		3.33	2.73	3.33	0.448	0.5	3.33	1.41 No	0.448 Thermal Discharging
SOU061	719	'43751489_/_5620461'		3.33	2.73	3.33	0.448	1	3.33	1.41 No	0.448 Thermal Discharging
SOU061	720	'132848393_/_132848411'		3.33	2.73	3.33	0.448	0.3	3.33	1.41 No	0.3 Element Fault
SOU061	721	'5621931_/_5622734'		3.33	2.73	3.33	0.448	0.5	3.33	1.41 No	0.448 Thermal Discharging
SOU061	722	'5616600_/_5616610'		0.93	2.73	3.33	0.448	0.5	3.33	1.41 No	0.448 Thermal Discharging
SOU061	723	'43751456_/_5620383'		3.33	2.73	3.33	0.448	0.5	3.33	1.41 No	0.448 Thermal Discharging
SOU061	724	'5616681_/_5616678_2'		0.9	2.73	3.33	0.448	0.3	3.33	1.41 No	0.3 Element Fault
SOU061	725	'5620357_/_5620367'		3.33	2.73	3.33	0.448	0.5	3.33	1.41 No	0.448 Thermal Discharging
SOU061	726	'43751434_/_5620127'		0.87	2.73	3.33	0.448	0.5	3.33	1.41 No	0.448 Thermal Discharging
SOU061	727	'5616775_/_5622994'		1.3	2.73	3.33	0.448	0.5	3.33	1.41 No	0.448 Thermal Discharging
SOU061	728	'5620438_/_5620448'		3.33	2.73	3.33	0.448	1	3.33	1.41 No	0.448 Thermal Discharging
SOU061	729	'5616587_/_5616597_2'		0.87	2.73	3.33	0.448	0.5	3.33	1.41 No	0.448 Thermal Discharging
SOU061	730	'5616490_/_5616597_1'		0.83	2.73	3.33	0.448	0.3	3.33	1.41 No	0.3 Element Fault
SOU061	731	'580657107_/_43751436_1'		0.83	2.73	3.33	0.448	0.3	3.33	1.41 No	0.3 Element Fault
SOU061	732	'43751423_/_5616691'		0.8	2.73	3.33	0.448	0.3	3.33	1.41 No	0.3 Element Fault
SOU061	733	'5620344_/_5620354'		3.33	2.73	3.33	0.448	0.5	3.33	1.41 No	0.448 Thermal Discharging
SOU061	734	'5616762_/_5616772'		1.13	2.73	3.33	0.448	0.5	3.33	1.41 No	0.448 Thermal Discharging
SOU061	735	'5620425_/_5620435'		3.33	2.73	3.33	0.448	1	3.33	1.41 No	0.448 Thermal Discharging
SOU061	736	'43751324_/_5616500'		0.8	2.73	3.33	0.448	0.3	3.33	1.41 No	0.3 Element Fault
SOU061	737	'5620343_/_43751447'		3.33	2.73	3.33	0.448	0.5	3.33	1.41 No	0.448 Thermal Discharging
SOU061	738	'5616474_/_5616487'		0.77	2.73	3.33	0.448	0.3	3.33	1.41 No	0.3 Element Fault
SOU061	739	'5616749_/_5616759'		1.03	2.73	3.33	0.448	0.5	3.33	1.41 No	0.448 Thermal Discharging
SOU061	740	'5620130_/_43751436_2'		0.73	2.73	3.33	0.448	0.3	3.33	1.41 No	0.3 Element Fault
SOU061	741	'5620424_/_43751480'		3.33	2.73	3.33	0.448	1	3.33	1.41 No	0.448 Thermal Discharging
SOU061	742	'5616461_/_5616471_2'		0.73	2.73	3.33	0.448	0.3	3.33	1.41 No	0.3 Element Fault
SOU061	743	'5616707_/_43751425'		0.7	2.73	3.33	0.448	0.3	3.33	1.41 No	0.3 Element Fault
SOU061	744	'43751313_/_5616471_1'		0.73	2.73	3.33	0.448	0.3	3.33	1.41 No	0.3 Element Fault
SOU061	745	'5616748_/_5616746'		0.97	2.73	3.33	0.448	0.5	3.33	1.41 No	0.448 Thermal Discharging
SOU061	746	'5620143_/_5620140'		0.67	2.73	3.33	0.448	0.3	3.33	1.41 No	0.3 Element Fault
SOU061	747	'5616519_/_5616516'		0.7	2.73	3.33	0.448	0.3	3.33	1.41 No	0.3 Element Fault

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SOU061	748	'5616720_/_5616717'	0.67	2.73	3.33	0.448	0.3	3.33	1.41 No	0.3	Element Fault
SOU061	749	'5615963_/_5615973'	0.57	2.73	3.33	0.448	0.5	3.33	1.41 No	0.448	Thermal Discharging
SOU061	750	'5616448_/_5616458'	0.67	2.73	3.33	0.448	0.3	3.33	1.41 No	0.3	Element Fault
SOU061	751	'5615950_/_5615960'	0.53	2.73	3.33	0.448	0.5	3.33	1.41 No	0.448	Thermal Discharging
SOU061	752	'50969853_/_43751105'	0.53	2.73	3.33	0.448	0.5	3.33	1.41 No	0.448	Thermal Discharging
SOU061	753	'43751346_/_5616529'	0.63	2.73	3.33	0.448	0.3	3.33	1.41 No	0.3	Element Fault
SOU061	754	'5616435_/_5616445'	0.63	2.73	3.33	0.448	0.3	3.33	1.41 No	0.3	Element Fault
SOU061	755	'5620156_/_5620153'	0.63	2.73	3.33	0.448	0.3	3.33	1.41 No	0.3	Element Fault
SOU061	756	'43751080_/_43751082'	0.5	2.73	3.33	0.448	0.5	3.33	1.41 No	0.448	Thermal Discharging
SOU061	757	'5615807_/_5615804'	0.47	2.73	3.33	0.448	0.5	3.33	1.41 No	0.448	Thermal Discharging
SOU061	758	'5616422_/_5616432'	0.6	2.73	3.33	0.448	0.3	3.33	1.41 No	0.3	Element Fault
SOU061	759	'5616545_/_5616542'	0.6	2.73	3.33	0.448	0.3	3.33	1.41 No	0.3	Element Fault
SOU061	760	'5615924_/_5615934'	0.47	2.73	3.33	0.448	0.5	3.33	1.41 No	0.448	Thermal Discharging
SOU061	761	'5615885_/_5615895'	0.47	2.73	3.33	0.448	0.5	3.33	1.41 No	0.448	Thermal Discharging
SOU061	762	'5616421_/_5616419'	0.57	2.73	3.33	0.448	0.3	3.33	1.41 No	0.3	Element Fault
SOU061	763	'5616558_/_5616555'	0.57	2.73	3.33	0.448	0.3	3.33	1.41 No	0.3	Element Fault
SOU061	764	'5615911_/_5615921'	0.43	2.73	3.33	0.448	0.5	3.33	1.41 No	0.43	Primary Over-Voltage
SOU061	765	'43751058_/_43751060'	0.43	2.73	3.33	0.448	0.5	3.33	1.41 No	0.43	Primary Over-Voltage
SOU061	766	'5616574_/_5616571'	0.53	2.73	3.33	0.448	0.3	3.3	1.41 No	0.3	Element Fault
SOU061	767	'5615910_/_5615908'	0.4	2.73	3.33	0.448	0.5	3.33	1.41 No	0.4	Primary Over-Voltage
SOU061	768	'5615859_/_5615869'	0.4	2.73	3.33	0.448	0.5	3.32	1.41 No	0.4	Primary Over-Voltage
SOU061	769	'5625827_/_5625825'	0.4	2.4	3.33	0.448	0.5	3.28	1.41 No	0.4	Primary Over-Voltage
SOU061	770	'5615846_/_5615856'	0.4	2.4	3.33	0.448	0.5	3.28	1.41 No	0.4	Primary Over-Voltage
SOU061	771	'5615833_/_5615843'	0.37	2.4	3.33	0.448	0.5	3.23	1.41 No	0.37	Primary Over-Voltage
SOU061	772	'5615820_/_43751071'	0.37	2.4	3.33	0.448	0.5	3.18	1.41 No	0.37	Primary Over-Voltage
SOU063	0	'SOU063_/_632875852'	10	10	10	1.44	10	10	10 No	1.44	Thermal Discharging
SOU063	1	'Node_6794917430_/_632875852'	10	10	10	1.44	10	10	10 No	1.44	Thermal Discharging
SOU063	2	'Node_6794917712_/_Section_6794917431'	10	10	10	1.44	10	10	4.42 No	1.44	Thermal Discharging
SOU063	3	'Node_6794934884_/_6794935096'	10	10	10	1.44	10	10	4.42 No	1.44	Thermal Discharging
SOU063	4	'7459380_/_7773431'	10	10	10	1.44	10	10	4.42 No	1.44	Thermal Discharging
SOU063	5	'8720595_/_Section_6794917713'	10	10	10	1.44	10	10	4.42 No	1.44	Thermal Discharging
SOU063	6	'7459379_/_7459377'	10	10	10	1.44	10	10	4.42 No	1.44	Thermal Discharging
SOU063	7	'7773253_/_8720592'	10	10	10	1.44	10	10	4.42 No	1.44	Thermal Discharging
SOU063	8	'69850228_/_7773251'	10	10	10	1.44	10	10	4.42 No	1.44	Thermal Discharging
SOU063	9	'7459560_/_7459557'	10	10	10	1.44	10	10	4.42 No	1.44	Thermal Discharging
SOU063	10	'8720675_/_8720672'	10	10	10	1.44	10	10	4.42 No	1.44	Thermal Discharging
SOU063	11	'8720655_/_8720652'	10	10	10	1.44	10	10	4.42 No	1.44	Thermal Discharging
SOU063	12	'9038886_/_9353690'	10	10	10	1.44	10	10	4.42 No	1.44	Thermal Discharging
SOU063	13	'7459440_/_9039023'	10	10	10	1.44	10	10	4.42 No	1.44	Thermal Discharging
SOU063	14	'8402399_/_9038883'	10	10	10	1.44	10	10	4.42 No	1.44	Thermal Discharging
SOU063	15	'7459439_/_7459437'	10	10	10	1.44	10	10	4.42 No	1.44	Thermal Discharging
SOU063	16	'8402379_/_8402396'	10	10	10	1.44	10	10	4.42 No	1.44	Thermal Discharging
SOU063	17	'9667477_/_54937583'	10	10	10	1.44	10	10	4.42 No	1.44	Thermal Discharging
SOU063	18	'7773134_/_9667474'	10	10	10	1.44	10	10	4.42 No	1.44	Thermal Discharging
SOU063	19	'8402359_/_8402376'	10	10	10	1.44	10	10	4.42 No	1.44	Thermal Discharging
SOU063	20	'7773133_/_7773131'	10	10	10	1.44	10	10	4.42 No	1.44	Thermal Discharging
SOU063	21	'8402339_/_8402356'	10	10	10	1.44	10	10	4.42 No	1.44	Thermal Discharging
SOU063	22	'8402259_/_8402316'	10	10	10	1.44	10	10	4.42 No	1.44	Thermal Discharging
SOU063	23	'7773094_/_8402336'	10	10	10	1.44	10	10	4.42 No	1.44	Thermal Discharging
SOU063	24	'8402258_/_8402256'	10	10	10	1.44	10	10	4.42 No	1.44	Thermal Discharging
SOU063	25	'7459400_/_7773091'	10	10	10	1.44	10	10	4.42 No	1.44	Thermal Discharging
SOU063	26	'8739399_/_9353530'	10	10	10	1.44	10	10	4.42 No	1.44	Thermal Discharging
SOU063	27	'7459399_/_7459397'	10	10	10	1.44	10	10	4.42 No	1.44	Thermal Discharging
SOU063	28	'7774066_/_8739396'	10	10	10	1.44	10	10	4.42 No	1.44	Thermal Discharging
SOU063	29	'7460238_/_9056675'	10	10	10	1.44	10	10	4.42 No	1.44	Thermal Discharging
SOU063	30	'7774065_/_7774063'	10	10	10	1.44	10	10	4.42 No	1.44	Thermal Discharging
SOU063	31	'7460237_/_7460235'	10	10	10	1.44	10	10	4.42 No	1.44	Thermal Discharging
SOU063	32	'8719751_/_8719768'	10	10	10	1.44	10	10	4.42 No	1.44	Thermal Discharging
SOU063	33	'7460278_/_8403270'	10	10	10	1.44	10	10	4.42 No	1.44	Thermal Discharging
SOU063	34	'8719750_/_8719748'	10	10	10	1.44	10	10	4.42 No	1.44	Thermal Discharging
SOU063	35	'9354285_/_9354582'	10	10	10	1.44	10	10	4.42 No	1.44	Thermal Discharging
SOU063	36	'7460277_/_7460275'	10	10	10	1.44	10	10	4.42 No	1.44	Thermal Discharging
SOU063	37	'7459954_/_9354282'	10	10	10	1.44	10	10	4.42 No	1.44	Thermal Discharging
SOU063	38	'7459934_/_7459951'	10	10	10	1.44	10	10	4.42 No	1.44	Thermal Discharging
SOU063	39	'7459933_/_7459931'	10	10	10	1.44	10	10	4.42 No	1.44	Thermal Discharging
SOU063	40	'8719691_/_9039583'	10	10	10	1.44	10	10	4.42 No	1.44	Thermal Discharging
SOU063	41	'8403213_/_8719688'	10	10	10	1.44	10	10	4.42 No	1.44	Thermal Discharging
SOU063	42	'8095128_/_8403210'	10	10	10	1.44	10	10	4.42 No	1.44	Thermal Discharging
SOU063	43	'8095129_/_8095126'	10	10	10	1.44	10	10	4.42 No	1.44	Thermal Discharging
SOU063	44	'8719411_/_8719408'	10	10	10	1.44	10	10	4.42 No	1.44	Thermal Discharging
SOU063	45	'7773805_/_8095266'	10	10	10	1.44	10	10	4.42 No	1.44	Thermal Discharging
SOU063	46	'8719610_/_8719608'	10	10	10	1.44	10	10	4.42 No	1.44	Thermal Discharging
SOU063	47	'9039686_/_9668128'	10	10	10	1.44	10	10	4.42 No	1.44	Thermal Discharging
SOU063	48	'7773746_/_7773803'	10	10	10	1.44	10	10	4.42 No	1.44	Thermal Discharging
SOU063	49	'9039685_/_9039683'	10	10	10	1.44	10	10	4.42 No	1.44	Thermal Discharging
SOU063	50	'7773745_/_7773743'	10	10	10	1.44	10	10	4.42 No	1.44	Thermal Discharging
SOU063	51	'8719551_/_9039723'	10	10	10	1.44	10	10	4.42 No	1.44	Thermal Discharging
SOU063	52	'7774005_/_9039803'	10	10	10	1.44	10	10	4.42 No	1.44	Thermal Discharging
SOU063	53	'7774006_/_7774003'	10	10	10	1.44	10	10	4.42 No	1.44	Thermal Discharging
SOU063	54	'8719550_/_8719548'	10	10	10	1.44	10	10	4.42 No	1.44	Thermal Discharging
SOU063	55	'8403074_/_9039763'	10	10	10	1.44	10	10	4.42 No	1.44	Thermal Discharging
SOU063	56	'8417323_/_9056715'	10	10	10	1.44	10	10	4.42 No	1.44	Thermal Discharging
SOU063	57	'8095030_/_8403072'	10	10	10	1.44	10	10	4.42 No	1.44	Thermal Discharging
SOU063	58	'55002215_/_55002212'	10	10	10	1.44	10	10	4.42 No	1.44	Thermal Discharging
SOU063	59	'55002159_/_8417320'	10	10	10	1.44	10	10	4.42 No	1.44	Thermal Discharging
SOU063	60	'404232672_/_55002157'	10	10	10	1.44	10	10	4.42 No	1.44	Thermal Discharging
SOU063	61	'55002123_/_55002127'	10	10	10	1.44	10	10	4.42 No	1.44	Thermal Discharging
SOU063	62	'55002147_/_55002151'	10	10	10	1.44	10	10	4.42 No	1.44	Thermal Discharging
SOU063	63	'55002135_/_55002133'	10	10	10	1.44	10	10	4.42 No	1.44	Thermal Discharging
SOU063	64	'7773985_/_8095028'	10	10	10	1.44	10	10	4.42 No	1.44	Thermal Discharging
SOU063	65	'55002255_/_55002257'	10	10	10	1.44	10	10	4.42 No	1.44	Thermal Discharging
SOU063	66	'7785410_/_55002303'	10	10	10	1.44	10	10	4.42 No	1.44	Thermal Discharging
SOU063	67	'7773986_/_7773983'	10	10	10	1.44	10	10	4.42 No	1.44	Thermal Discharging
SOU063	68	'7473915_/_8107142'	10	10	10	1.44	10	10	4.42 No	1.44	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SOU063	69	'7785409_/_7785407'		10	10	10	1.44	10	10	4.42 No	1.44 Thermal Discharging
SOU063	70	'7473914_/_7473912'		10	10	10	1.44	10	10	4.42 No	1.44 Thermal Discharging
SOU063	71	'7460117_/_9668088'		10	10	10	1.44	10	10	4.42 No	1.44 Thermal Discharging
SOU063	72	'7785350_/_9365120'		10	10	10	1.44	10	10	4.42 No	1.44 Thermal Discharging
SOU063	73	'7785330_/_9679288'		10	10	10	1.44	10	10	4.42 No	1.44 Thermal Discharging
SOU063	74	'7785349_/_7785347'		10	10	10	1.44	10	10	4.42 No	1.44 Thermal Discharging
SOU063	75	'55002391_/_8417300_1'		10	10	10	1.44	10	10	4.42 No	1.44 Thermal Discharging
SOU063	76	'7460118_/_7460115'		10	10	10	1.44	10	10	4.42 No	1.44 Thermal Discharging
SOU063	77	'532506229_/_532506235'		10	10	10	1.44	10	10	4.42 No	1.44 Thermal Discharging
SOU063	78	'532505958_/_532506558'		10	10	10	1.44	10	10	4.42 No	1.44 Thermal Discharging
SOU063	79	'7469308_/_7773883'		10	10	10	1.44	10	10	4.42 No	1.44 Thermal Discharging
SOU063	80	'532505736_/_532506012'		10	10	10	1.44	10	10	4.42 No	1.44 Thermal Discharging
SOU063	81	'532505451_/_532505744'		10	10	10	1.44	10	10	4.42 No	1.44 Thermal Discharging
SOU063	82	'9051067_/_9051065'		10	10	10	1.44	10	10	4.42 No	1.44 Thermal Discharging
SOU063	83	'7469307_/_7469305'		10	10	10	1.44	10	10	4.42 No	1.44 Thermal Discharging
SOU063	84	'8734009_/_9679228'		10	10	10	1.44	10	10	4.42 No	1.44 Thermal Discharging
SOU063	85	'55002277_/_55002274'		10	10	10	1.44	10	10	4.42 No	1.44 Thermal Discharging
SOU063	86	'478710835_/_8734006'		10	10	10	1.44	10	10	4.42 No	1.44 Thermal Discharging
SOU063	87	'8724116_/_683479041'		10	10	10	1.44	10	10	4.42 No	1.44 Thermal Discharging
SOU063	88	'8724117_/_8724114'		10	10	10	1.44	10	10	4.42 No	1.44 Thermal Discharging
SOU063	89	'9669637_/_9669634'		10	10	10	1.44	10	10	4.42 No	1.44 Thermal Discharging
SOU063	90	'7775267_/_9669654'		10	10	10	1.44	10	10	4.42 No	1.44 Thermal Discharging
SOU063	91	'7775268_/_7775265'		10	10	10	1.44	10	10	4.42 No	1.44 Thermal Discharging
SOU063	92	'7461589_/_8096586'		10	10	10	1.44	10	10	4.42 No	1.44 Thermal Discharging
SOU063	93	'7461590_/_7461587'		10	10	10	1.44	10	10	4.42 No	1.44 Thermal Discharging
SOU063	94	'8723836_/_9344620'		10	10	10	1.44	10	10	4.42 No	1.44 Thermal Discharging
SOU063	95	'8096608_/_8723834'		10	10	10	1.44	10	10	4.42 No	1.44 Thermal Discharging
SOU063	96	'683478853_/_8096606'		10	10	10	1.44	10	10	4.42 No	1.44 Thermal Discharging
SOU063	97	'8096609_/_683478858'		10	10	10	1.44	10	10	4.42 No	1.44 Thermal Discharging
SOU063	98	'8096949_/_9041321'		10	10	10	1.44	10	10	4.42 No	1.44 Thermal Discharging
SOU063	99	'9041364_/_6806245710'		10	10	10	1.44	10	10	4.42 No	1.44 Thermal Discharging
SOU063	100	'54496774_/_9041361'		10	10	10	1.44	10	10	4.42 No	1.44 Thermal Discharging
SOU063	101	'625701915_/_65900035_1'		10	10	10	1.44	10	10	4.42 No	1.44 Thermal Discharging
SOU063	102	'69011784_/_65900035_2'		10	10	10	1.44	10	10	4.42 No	1.44 Thermal Discharging
SOU063	103	'69011480_/_6802886'		10	10	10	1.44	10	10	4.42 No	1.44 Thermal Discharging
SOU063	104	'54496775_/_6802815'		10	10	10	1.44	10	10	4.42 No	1.44 Thermal Discharging
SOU063	105	'43993178_/_54497248'		10	10	10	1.44	10	10	4.42 No	1.44 Thermal Discharging
SOU063	106	'75146810_/_54497227_2'		10	10	10	1.44	10	10	4.42 No	1.44 Thermal Discharging
SOU063	107	'6802835_/_54497227_1'		10	10	10	1.44	10	10	4.42 No	1.44 Thermal Discharging
SOU063	108	'6802852_/_54497206'		10	10	10	1.44	10	10	4.42 No	1.44 Thermal Discharging
SOU063	109	'7799955_/_7799953_1'		10	10	10	1.44	1.4	10	4.42 No	1.4 Element Fault
SOU063	110	'6802042_/_54497185'		10	10	10	1.44	10	10	4.42 No	1.44 Thermal Discharging
SOU063	111	'6802025_/_54497164'		10	10	10	1.44	10	10	4.42 No	1.44 Thermal Discharging
SOU063	112	'581100581_/_54497135'		10	10	10	1.44	10	10	4.42 No	1.44 Thermal Discharging
SOU063	113	'581100610_/_54497023_1'		10	10	10	1.44	10	10	4.42 No	1.44 Thermal Discharging
SOU063	114	'6801991_/_54497074'		10	10	10	1.44	10	10	4.42 No	1.44 Thermal Discharging
SOU063	115	'54496951_/_54497023_2'		10	10	10	1.44	10	10	4.42 No	1.44 Thermal Discharging
SOU063	116	'581100356_/_6802056_1'	3.33		3.33	3.33	0.48	3.33	3.33	1.47 No	0.48 Thermal Discharging
SOU063	117	'37983577_/_7461747'		10	10	10	1.44	10	10	4.42 No	1.44 Thermal Discharging
SOU063	118	'404985815_/_37983574'		10	10	10	1.44	10	10	4.42 No	1.44 Thermal Discharging
SOU063	119	'37983598_/_37983602'		10	10	10	1.44	4.8	10	4.42 No	1.44 Thermal Discharging
SOU063	120	'37983612_/_37983609'		10	10	10	1.44	4.5	10	4.42 No	1.44 Thermal Discharging
SOU063	121	'37983563_/_37983567'		10	10	10	1.44	10	10	4.42 No	1.44 Thermal Discharging
SOU063	122	'581100527_/_6802954_1'		10	10	10	1.44	2.6	10	4.42 No	1.44 Thermal Discharging
SOU063	123	'7799956_/_7799953_2'		10	10	10	1.44	1.4	10	4.42 No	1.4 Element Fault
SOU063	124	'6778258_/_6802056_2'	3.33		3.33	3.33	0.48	1.4	3.33	1.47 No	0.48 Thermal Discharging
SOU063	125	'6802957_/_6802954_2'		10	10	10	1.44	2.6	10	4.42 No	1.44 Thermal Discharging
SOU063	126	'6778259_/_6778256'	3.33		3.33	3.33	0.48	1.4	3.33	1.47 No	0.48 Thermal Discharging
SOU063	127	'581101059_/_8405040_1'		10	10	10	1.44	1.4	10	4.42 No	1.4 Element Fault
SOU063	128	'8096848_/_8405040_2'	9.9		10	10	1.44	1.4	10	4.42 No	1.4 Element Fault
SOU063	129	'6778301_/_6778298'	3.33		3.33	3.33	0.48	1.4	3.33	1.47 No	0.48 Thermal Discharging
SOU063	130	'6802600_/_8404944_2'		10	10	10	1.44	10	10	4.42 No	1.44 Thermal Discharging
SOU063	131	'43993126_/_8404944_1'		10	10	10	1.44	10	10	4.42 No	1.44 Thermal Discharging
SOU063	132	'6802977_/_6802974'	8.3		10	10	1.44	2.6	10	4.42 No	1.44 Thermal Discharging
SOU063	133	'8096849_/_8096846'	8.5		10	10	1.44	1.4	10	4.42 No	1.4 Element Fault
SOU063	134	'8405003_/_8724174_1'		8	10	10	1.44	1.6	10	4.42 No	1.44 Thermal Discharging
SOU063	135	'43993139_/_43993141'		9.8	10	10	1.44	10	10	4.42 No	1.44 Thermal Discharging
SOU063	136	'43993152_/_43993154'		9.7	10	10	1.44	10	10	4.42 No	1.44 Thermal Discharging
SOU063	137	'6778272_/_6778269'	3.33		3.33	3.33	0.48	1.1	3.33	1.47 No	0.48 Thermal Discharging
SOU063	138	'6802563_/_6802580'		9.6	10	10	1.44	10	10	4.42 No	1.44 Thermal Discharging
SOU063	139	'8724137_/_65711236'		7.6	10	10	1.44	4.8	10	4.42 No	1.44 Thermal Discharging
SOU063	140	'6802546_/_6802560'		9.5	10	10	1.44	10	10	4.42 No	1.44 Thermal Discharging
SOU063	141	'6802526_/_6802543'		9.5	10	10	1.44	10	10	4.42 No	1.44 Thermal Discharging
SOU063	142	'581100627_/_9355422_1'		6.4	10	10	1.44	1.6	10	4.42 No	1.44 Thermal Discharging
SOU063	143	'6792984_/_6802523'		9.4	10	10	1.44	10	10	4.42 No	1.44 Thermal Discharging
SOU063	144	'6778314_/_6778311'	3.33		3.33	3.33	0.48	1.4	3.33	1.47 No	0.48 Thermal Discharging
SOU063	145	'6788897_/_6802991'	4.6		6.67	6.67	0.96	1.73	6.67	2.95 No	0.96 Thermal Discharging
SOU063	146	'6786170_/_6792981'		9.3	10	10	1.44	10	10	4.42 No	1.44 Thermal Discharging
SOU063	147	'6786158_/_6786168_1'	3.1		3.33	3.33	0.48	0.5	3.33	1.47 No	0.48 Thermal Discharging
SOU063	148	'6793123_/_6793140'		9.2	10	10	1.44	10	10	4.42 No	1.44 Thermal Discharging
SOU063	149	'6778647_/_6793120'		9.1	10	10	1.44	10	10	4.42 No	1.44 Thermal Discharging
SOU063	150	'8724177_/_8724174_2'		6.3	10	10	1.44	1.6	10	4.42 No	1.44 Thermal Discharging
SOU063	151	'6786145_/_6786168_2'		3.2	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48 Thermal Discharging
SOU063	152	'6793105_/_6793103'		9.1	10	10	1.44	10	10	4.42 No	1.44 Thermal Discharging
SOU063	153	'130314587_/_6778645_1'		3.07	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48 Thermal Discharging
SOU063	154	'43990192_/_6786168_3'		3.23	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48 Thermal Discharging
SOU063	155	'153542885_/_153542996'		9.1	10	10	1.44	10	10	4.42 No	1.44 Thermal Discharging
SOU063	156	'6791251_/_153542894'		9.3	10	10	1.44	10	10	4.42 No	1.44 Thermal Discharging
SOU063	157	'130314609_/_6778645_2'		3.13	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48 Thermal Discharging
SOU063	158	'6793878_/_6793875'		9.1	10	10	1.44	10	10	4.42 No	1.44 Thermal Discharging
SOU063	159	'130314672_/_6791248_1'		3.1	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48 Thermal Discharging
SOU063	160	'6793898_/_6793895'		9.1	10	10	1.44	10	10	4.42 No	1.44 Thermal Discharging
SOU063	161	'6793827_/_6793841'		9.7	10	10	1.44	10	10	4.42 No	1.44 Thermal Discharging
SOU063	162	'6778285_/_6778282'	2.63		3.33	3.33	0.48	1.1	3.33	1.47 No	0.48 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SOU063	163	'130314679_/_6791248_2'	3.17	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48	Thermal Discharging
SOU063	164	'6793915_/_6793912'	9.1	10	10	1.44	10	10	4.42 No	1.44	Thermal Discharging
SOU063	165	'130314651_/_6791248_3'	3.17	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48	Thermal Discharging
SOU063	166	'6793932_/_6793929'	9.1	10	10	1.44	10	10	4.42 No	1.44	Thermal Discharging
SOU063	167	'6778703_/_6778713'	3.33	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48	Thermal Discharging
SOU063	168	'6793949_/_6793946'	9.1	10	10	1.44	10	10	4.42 No	1.44	Thermal Discharging
SOU063	169	'6791279_/_6791277'	3.33	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48	Thermal Discharging
SOU063	170	'6793966_/_6793963'	9.1	10	10	1.44	10	10	4.42 No	1.44	Thermal Discharging
SOU063	171	'6778622_/_6778645_3'	3.33	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48	Thermal Discharging
SOU063	172	'6788898_/_6788895'	3.73	6.67	6.67	0.96	1.73	6.67	2.95 No	0.96	Thermal Discharging
SOU063	173	'6793983_/_6793980'	9.1	10	10	1.44	10	10	4.42 No	1.44	Thermal Discharging
SOU063	174	'6794000_/_6793997'	9.1	10	10	1.44	10	10	4.42 No	1.44	Thermal Discharging
SOU063	175	'9355365_/_102794834'	5.6	10	10	1.44	4.8	10	4.42 No	1.44	Thermal Discharging
SOU063	176	'6778330_/_6778327'	2.33	3.33	3.33	0.48	1.1	3.33	1.47 No	0.48	Thermal Discharging
SOU063	177	'6794020_/_6794017'	9.1	10	10	1.44	10	10	4.42 No	1.44	Thermal Discharging
SOU063	178	'43991330_/_43991332'	3.33	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48	Thermal Discharging
SOU063	179	'395594476_/_6794034'	9.1	10	10	1.44	10	10	4.42 No	1.44	Thermal Discharging
SOU063	180	'43991555_/_6795165'	3.33	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48	Thermal Discharging
SOU063	181	'6791293_/_6791290'	3.33	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48	Thermal Discharging
SOU063	182	'6778343_/_6778340'	2.13	3.33	3.33	0.48	1.1	3.33	1.47 No	0.48	Thermal Discharging
SOU063	183	'6778702_/_6778700'	3.33	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48	Thermal Discharging
SOU063	184	'395594669_/_395594666'	7.5	10	10	1.44	10	10	4.42 No	1.44	Thermal Discharging
SOU063	185	'6786222_/_6795152'	3.33	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48	Thermal Discharging
SOU063	186	'43993069_/_6778619'	3.03	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48	Thermal Discharging
SOU063	187	'8404927_/_9355362_1'	5	10	10	1.44	2.5	10	4.42 No	1.44	Thermal Discharging
SOU063	188	'6791199_/_6791209'	3.33	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48	Thermal Discharging
SOU063	189	'6788913_/_6788910'	3.27	6.67	6.67	0.96	1.73	6.67	2.95 No	0.96	Thermal Discharging
SOU063	190	'65711204_/_9355362_2'	4.9	10	10	1.44	2.5	10	4.42 No	1.44	Thermal Discharging
SOU063	191	'43990203_/_43991557'	2.87	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48	Thermal Discharging
SOU063	192	'6801766_/_6801780'	4.8	10	10	1.44	2.5	10	4.42 No	1.44	Thermal Discharging
SOU063	193	'43991341_/_6791303'	3.17	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48	Thermal Discharging
SOU063	194	'395594705_/_395594702'	6.2	10	10	1.44	10	10	4.42 No	1.44	Thermal Discharging
SOU063	195	'6791186_/_6791196'	3.07	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48	Thermal Discharging
SOU063	196	'43993091_/_6802108'	4.6	10	10	1.44	2.5	10	4.42 No	1.44	Thermal Discharging
SOU063	197	'401061550_/_401782694_3'	6.2	10	10	1.44	10	10	4.42 No	1.44	Thermal Discharging
SOU063	198	'6801746_/_6801763'	4.6	10	10	1.44	2.5	10	4.42 No	1.44	Thermal Discharging
SOU063	199	'6778596_/_6778606'	2.53	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48	Thermal Discharging
SOU063	200	'43990577_/_6778353'	1.83	3.33	3.33	0.48	1.1	3.33	1.47 No	0.48	Thermal Discharging
SOU063	201	'6801896_/_6801894'	2.97	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48	Thermal Discharging
SOU063	202	'401061659_/_401782694_2'	5.8	10	10	1.44	10	10	4.42 No	1.44	Thermal Discharging
SOU063	203	'43991621_/_401782694_1'	5.8	10	10	1.44	10	10	4.42 No	1.44	Thermal Discharging
SOU063	204	'6794091_/_6795450'	5.8	10	10	1.44	10	10	4.42 No	1.44	Thermal Discharging
SOU063	205	'6778356_/_6778366_1'	1.8	3.33	3.33	0.48	1.1	3.33	1.47 No	0.48	Thermal Discharging
SOU063	206	'43990225_/_6786220'	2.97	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48	Thermal Discharging
SOU063	207	'6794073_/_6794088'	5.8	10	10	1.44	10	10	4.42 No	1.44	Thermal Discharging
SOU063	208	'8723916_/_8723914_1'	5.8	10	10	1.44	1.4	10	4.42 No	1.4	Element Fault
SOU063	209	'43991319_/_6791183'	2.73	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48	Thermal Discharging
SOU063	210	'6817654_/_7114895'	5.8	10	10	1.44	10	10	4.42 No	1.44	Thermal Discharging
SOU063	211	'6786223_/_6786233_1'	2.9	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48	Thermal Discharging
SOU063	212	'56947196_/_6817652'	5.8	10	10	1.44	10	10	4.42 No	1.44	Thermal Discharging
SOU063	213	'56947240_/_56947222_1'	5.8	10	10	1.44	1.4	10	4.42 No	1.4	Element Fault
SOU063	214	'6801619_/_6801743'	4.2	10	10	1.44	2.5	10	4.42 No	1.44	Thermal Discharging
SOU063	215	'43994648_/_56947193'	5.8	10	10	1.44	10	10	4.42 No	1.44	Thermal Discharging
SOU063	216	'56947173_/_56947222_2'	5.8	10	10	1.44	1.4	10	4.42 No	1.4	Element Fault
SOU063	217	'6791319_/_43991343'	2.6	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48	Thermal Discharging
SOU063	218	'6786184_/_43990205'	2.27	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48	Thermal Discharging
SOU063	219	'43994661_/_6817669'	5.7	10	10	1.44	10	10	4.42 No	1.44	Thermal Discharging
SOU063	220	'6788943_/_6788940'	2.8	6.67	6.67	0.96	1.73	6.67	2.95 No	0.96	Thermal Discharging
SOU063	221	'43994591_/_6817686'	5.7	10	10	1.44	10	10	4.42 No	1.44	Thermal Discharging
SOU063	222	'8723917_/_8723914_2'	5.6	10	10	1.44	1.4	10	4.42 No	1.4	Element Fault
SOU063	223	'6817884_/_6819672'	5.7	10	10	1.44	10	10	4.42 No	1.44	Thermal Discharging
SOU063	224	'43995025_/_6817882'	5.7	10	10	1.44	10	10	4.42 No	1.44	Thermal Discharging
SOU063	225	'6778369_/_6778366_2'	1.7	3.33	3.33	0.48	1.1	3.33	1.47 No	0.48	Thermal Discharging
SOU063	226	'6786236_/_6786233_2'	2.67	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48	Thermal Discharging
SOU063	227	'6817922_/_6817919'	5.6	10	10	1.44	10	10	4.42 No	1.44	Thermal Discharging
SOU063	228	'7180563_/_43991321'	2.37	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48	Thermal Discharging
SOU063	229	'6817939_/_6817936'	5.6	10	10	1.44	10	10	4.42 No	1.44	Thermal Discharging
SOU063	230	'427887864_/_6817970'	5.6	10	10	1.44	10	10	4.42 No	1.44	Thermal Discharging
SOU063	231	'6817973_/_427887874'	5.6	10	10	1.44	10	10	4.42 No	1.44	Thermal Discharging
SOU063	232	'6801602_/_6801616'	3.9	10	10	1.44	2.5	10	4.42 No	1.44	Thermal Discharging
SOU063	233	'6817990_/_6817987'	5.6	10	10	1.44	10	10	4.42 No	1.44	Thermal Discharging
SOU063	234	'6786197_/_6786194'	2.07	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48	Thermal Discharging
SOU063	235	'6818007_/_6818004'	5.6	10	10	1.44	10	10	4.42 No	1.44	Thermal Discharging
SOU063	236	'6791332_/_6791329'	2.3	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48	Thermal Discharging
SOU063	237	'6778583_/_6778593'	2.03	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48	Thermal Discharging
SOU063	238	'43995038_/_6818021'	5.5	10	10	1.44	10	10	4.42 No	1.44	Thermal Discharging
SOU063	239	'43990588_/_6778379'	1.6	3.33	3.33	0.48	1.1	3.33	1.47 No	0.48	Thermal Discharging
SOU063	240	'43995051_/_6818038'	5.5	10	10	1.44	10	10	4.42 No	1.44	Thermal Discharging
SOU063	241	'6826398_/_6826395'	5.5	10	10	1.44	10	10	4.42 No	1.44	Thermal Discharging
SOU063	242	'6818057_/_6826412'	5.5	10	10	1.44	10	10	4.42 No	1.44	Thermal Discharging
SOU063	243	'6801585_/_6801599'	3.7	10	10	1.44	2.5	10	4.42 No	1.44	Thermal Discharging
SOU063	244	'43995064_/_6818055'	5.4	10	10	1.44	10	10	4.42 No	1.44	Thermal Discharging
SOU063	245	'6818075_/_6818072'	5.4	10	10	1.44	10	10	4.42 No	1.44	Thermal Discharging
SOU063	246	'6812016_/_6818092'	5.4	10	10	1.44	10	10	4.42 No	1.44	Thermal Discharging
SOU063	247	'6786800_/_6788955'	2.47	6.67	6.67	0.96	1.73	6.67	2.95 No	0.96	Thermal Discharging
SOU063	248	'6786249_/_6786246'	2.27	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48	Thermal Discharging
SOU063	249	'6786210_/_6786207'	1.87	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48	Thermal Discharging
SOU063	250	'389259504_/_6812112'	5.4	10	10	1.44	10	10	4.42 No	1.44	Thermal Discharging
SOU063	251	'124406753_/_6789122_1'	1.23	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48	Thermal Discharging
SOU063	252	'6812097_/_6812095'	5.4	10	10	1.44	10	10	4.42 No	1.44	Thermal Discharging
SOU063	253	'6819061_/_6819712'	5.5	10	10	1.44	10	10	4.42 No	1.44	Thermal Discharging
SOU063	254	'150257753_/_6812132_1'	1.8	3.33	3.33	0.48	0.3	3.33	1.47 No	0.3	Element Fault
SOU063	255	'6778476_/_6778473'	1.5	3.33	3.33	0.48	1.1	3.33	1.47 No	0.48	Thermal Discharging
SOU063	256	'6818492_/_6818489'	5.4	10	10	1.44	10	10	4.42 No	1.44	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SOU063	257	'346990078_/_6812030_1'	1.83	3.33	3.33	0	1	3.33	1.47 No	0	Thermal Discharging
SOU063	258	'43993058_/_6778580'	1.87	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48	Thermal Discharging
SOU063	259	'6814621_/_6819059'	5.5	10	10	1.44	10	10	4.42 No	1.44	Thermal Discharging
SOU063	260	'346989924_/_346988770_3'	1.83	3.33	3.33	0.48	1.4	3.33	1.47 No	0.48	Thermal Discharging
SOU063	261	'43991352_/_6791342'	2.07	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48	Thermal Discharging
SOU063	262	'43995800_/_6817441'	5.5	10	10	1.44	10	10	4.42 No	1.44	Thermal Discharging
SOU063	263	'6818475_/_6818506'	5.3	10	10	1.44	10	10	4.42 No	1.44	Thermal Discharging
SOU063	264	'124406802_/_6786797_2'	1.2	3.33	3.33	0.48	0.87	3.33	1.47 No	0.48	Thermal Discharging
SOU063	265	'43995813_/_43995802'	5.5	10	10	1.44	10	10	4.42 No	1.44	Thermal Discharging
SOU063	266	'6789125_/_6789122_2'	1.2	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48	Thermal Discharging
SOU063	267	'43992988_/_6801582'	3.4	10	10	1.44	2.5	10	4.42 No	1.44	Thermal Discharging
SOU063	268	'6811818_/_6818472'	5.3	10	10	1.44	10	10	4.42 No	1.44	Thermal Discharging
SOU063	269	'581100127_/_6811842_1'	1.77	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48	Thermal Discharging
SOU063	270	'6817481_/_43995815'	5.6	10	10	1.44	10	10	4.42 No	1.44	Thermal Discharging
SOU063	271	'6786262_/_6786259'	2.13	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48	Thermal Discharging
SOU063	272	'6778489_/_6778486'	1.47	3.33	3.33	0.48	1.1	3.33	1.47 No	0.48	Thermal Discharging
SOU063	273	'6812135_/_6812132_2'	1.83	3.33	3.33	0.48	0.3	3.33	1.47 No	0.3	Element Fault
SOU063	274	'6812033_/_6812030_2'	1.83	3.33	3.33	0	1	3.33	1.47 No	0	Thermal Discharging
SOU063	275	'6818441_/_6818455'	5.3	10	10	1.44	10	10	4.42 No	1.44	Thermal Discharging
SOU063	276	'6786304_/_6786314_1'	2.1	3.33	3.33	0.48	0.3	3.33	1.47 No	0.3	Element Fault
SOU063	277	'43997733_/_6820038'	5.5	10	10	1.44	10	10	4.42 No	1.44	Thermal Discharging
SOU063	278	'43995787_/_43995789'	5.1	10	10	1.44	3.6	10	4.42 No	1.44	Thermal Discharging
SOU063	279	'6819924_/_6820061'	5.5	10	10	1.44	10	10	4.42 No	1.44	Thermal Discharging
SOU063	280	'581099352_/_6811842_2'	1.73	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48	Thermal Discharging
SOU063	281	'6811608_/_6818438'	5.3	10	10	1.44	10	10	4.42 No	1.44	Thermal Discharging
SOU063	282	'6815627_/_6819922'	5.5	10	10	1.44	10	10	4.42 No	1.44	Thermal Discharging
SOU063	283	'6811607_/_6811605_1'	1.77	3.33	3.33	0.48	0.4	3.33	1.47 No	0.4	Element Fault
SOU063	284	'6815628_/_6815625'	5.5	10	10	1.44	10	10	4.42 No	1.44	Thermal Discharging
SOU063	285	'6814604_/_6814601_2'	5	10	10	1.44	3.6	10	4.42 No	1.44	Thermal Discharging
SOU063	286	'6786317_/_6786314_2'	2.07	3.33	3.33	0.48	0.3	3.33	1.47 No	0.3	Element Fault
SOU063	287	'6818404_/_6818421'	5.2	10	10	1.44	10	10	4.42 No	1.44	Thermal Discharging
SOU063	288	'6811621_/_6811605_2'	1.77	3.33	3.33	0.48	0.4	3.33	1.47 No	0.4	Element Fault
SOU063	289	'43996103_/_6815642'	5.5	10	10	1.44	10	10	4.42 No	1.44	Thermal Discharging
SOU063	290	'6817794_/_6818401'	5.2	10	10	1.44	10	10	4.42 No	1.44	Thermal Discharging
SOU063	291	'6801198_/_6802069'	1.7	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48	Thermal Discharging
SOU063	292	'6811595_/_6811605_3'	1.77	3.33	3.33	0.48	0.4	3.33	1.47 No	0.4	Element Fault
SOU063	293	'6791846_/_6791883'	1.13	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48	Thermal Discharging
SOU063	294	'6791358_/_43991354'	1.87	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48	Thermal Discharging
SOU063	295	'6815662_/_6815659'	5.5	10	10	1.44	10	10	4.42 No	1.44	Thermal Discharging
SOU063	296	'6786748_/_6786797_1'	1.13	3.33	3.33	0.48	0.6	3.33	1.47 No	0.48	Thermal Discharging
SOU063	297	'43994822_/_6817791'	5.2	10	10	1.44	10	10	4.42 No	1.44	Thermal Discharging
SOU063	298	'6818370_/_6818384'	5.2	10	10	1.44	10	10	4.42 No	1.44	Thermal Discharging
SOU063	299	'43994835_/_6817808'	5.2	10	10	1.44	10	10	4.42 No	1.44	Thermal Discharging
SOU063	300	'212030416_/_212030413'	1.37	3.33	3.33	0.48	1	3.33	1.47 No	0.48	Thermal Discharging
SOU063	301	'6815696_/_6815676'	5.5	10	10	1.44	10	10	4.42 No	1.44	Thermal Discharging
SOU063	302	'6817828_/_43994837'	5.3	10	10	1.44	10	10	4.42 No	1.44	Thermal Discharging
SOU063	303	'6818353_/_6818367'	5.2	10	10	1.44	10	10	4.42 No	1.44	Thermal Discharging
SOU063	304	'6817760_/_6817774'	5.3	10	10	1.44	10	10	4.42 No	1.44	Thermal Discharging
SOU063	305	'352820423_/_346988770_2'	1.57	3.33	3.33	0.48	1	3.33	1.47 No	0.48	Thermal Discharging
SOU063	306	'43996129_/_6815710'	5.5	10	10	1.44	10	10	4.42 No	1.44	Thermal Discharging
SOU063	307	'43994809_/_6817757'	5.3	10	10	1.44	10	10	4.42 No	1.44	Thermal Discharging
SOU063	308	'6814109_/_6818350'	5.2	10	10	1.44	10	10	4.42 No	1.44	Thermal Discharging
SOU063	309	'6814587_/_6814601_1'	4.7	10	10	1.44	1.7	10	4.42 No	1.44	Thermal Discharging
SOU063	310	'6817848_/_6817845'	5.3	10	10	1.44	10	10	4.42 No	1.44	Thermal Discharging
SOU063	311	'43990236_/_6786272'	1.97	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48	Thermal Discharging
SOU063	312	'6786813_/_6786810'	1.23	3.33	3.33	0.48	0.87	3.33	1.47 No	0.48	Thermal Discharging
SOU063	313	'497304864_/_6812211_2'	5.2	10	10	1.44	3.1	10	4.42 No	1.44	Thermal Discharging
SOU063	314	'6817726_/_6817740'	5.3	10	10	1.44	10	10	4.42 No	1.44	Thermal Discharging
SOU063	315	'6845407_/_7115026'	5.2	10	10	1.44	10	10	4.42 No	1.44	Thermal Discharging
SOU063	316	'6787494_/_43990623'	1.37	3.33	3.33	0.48	1	3.33	1.47 No	0.48	Thermal Discharging
SOU063	317	'43995125_/_6817862'	5.3	10	10	1.44	10	10	4.42 No	1.44	Thermal Discharging
SOU063	318	'6786839_/_6786836'	1.1	3.33	3.33	0.48	0.6	3.33	1.47 No	0.48	Thermal Discharging
SOU063	319	'6801551_/_6801565'	3.2	10	10	1.44	2.5	10	4.42 No	1.44	Thermal Discharging
SOU063	320	'6812046_/_6812043'	1.87	3.33	3.33	0	1	3.33	1.47 No	0	Thermal Discharging
SOU063	321	'6786453_/_6786466'	1.97	3.33	3.33	0.48	0.3	3.33	1.47 No	0.3	Element Fault
SOU063	322	'6845390_/_6845404'	5.1	10	10	1.44	10	10	4.42 No	1.44	Thermal Discharging
SOU063	323	'6778446_/_6791870'	1.1	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48	Thermal Discharging
SOU063	324	'43994970_/_6811842_3'	1.57	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48	Thermal Discharging
SOU063	325	'6817709_/_6817723'	5.3	10	10	1.44	10	10	4.42 No	1.44	Thermal Discharging
SOU063	326	'581100665_/_43994748_2'	1.73	3.33	3.33	0.48	1.4	3.33	1.47 No	0.48	Thermal Discharging
SOU063	327	'346988814_/_346988770_1'	1.5	3.33	3.33	0.48	0.7	3.33	1.47 No	0.48	Thermal Discharging
SOU063	328	'6818526_/_6818523'	5.3	10	10	1.44	10	10	4.42 No	1.44	Thermal Discharging
SOU063	329	'6786747_/_6786745'	1.1	3.33	3.33	0.48	0.6	3.33	1.47 No	0.48	Thermal Discharging
SOU063	330	'6840503_/_6845387'	5.1	10	10	1.44	10	10	4.42 No	1.44	Thermal Discharging
SOU063	331	'43994746_/_43994748_1'	1.73	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48	Thermal Discharging
SOU063	332	'581100155_/_6840517_1'	1.7	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48	Thermal Discharging
SOU063	333	'6818543_/_6818540'	5.2	10	10	1.44	10	10	4.42 No	1.44	Thermal Discharging
SOU063	334	'6817708_/_6817706'	5.2	10	10	1.44	10	10	4.42 No	1.44	Thermal Discharging
SOU063	335	'6791575_/_6791572'	1.77	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48	Thermal Discharging
SOU063	336	'43994881_/_6811592'	1.8	3.33	3.33	0.48	0.4	3.33	1.47 No	0.4	Element Fault
SOU063	337	'6815733_/_6815730'	5	10	10	1.44	4.5	10	4.42 No	1.44	Thermal Discharging
SOU063	338	'6818560_/_6818557'	5.2	10	10	1.44	10	10	4.42 No	1.44	Thermal Discharging
SOU063	339	'6812148_/_6812145'	1.87	3.33	3.33	0.48	0.3	3.33	1.47 No	0.3	Element Fault
SOU063	340	'6811498_/_6811495_2'	1.73	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48	Thermal Discharging
SOU063	341	'6791847_/_6791844'	1.1	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48	Thermal Discharging
SOU063	342	'6845356_/_6845370'	5.1	10	10	1.44	10	10	4.42 No	1.44	Thermal Discharging
SOU063	343	'43994959_/_6814305'	1.5	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48	Thermal Discharging
SOU063	344	'6778434_/_6791857'	1.07	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48	Thermal Discharging
SOU063	345	'6811649_/_6814292'	1.8	3.33	3.33	0.48	0.4	3.33	1.47 No	0.4	Element Fault
SOU063	346	'6786855_/_6786852'	1.07	3.33	3.33	0.48	0.6	3.33	1.47 No	0.48	Thermal Discharging
SOU063	347	'6845339_/_6845353'	5.1	10	10	1.44	10	10	4.42 No	1.44	Thermal Discharging
SOU063	348	'581099315_/_6840517_2'	1.73	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48	Thermal Discharging
SOU063	349	'6840195_/_6845336'	5.1	10	10	1.44	10	10	4.42 No	1.44	Thermal Discharging
SOU063	350	'6840208_/_6840205'	5.1	10	10	1.44	10	10	4.42 No	1.44	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
											VSR (MW)	Limiting Threshold
SOU063	351	'6812214_/_6812211_1'		4.6	10	10	1.44	1.4	10	4.42	No	1.4 Element Fault
SOU063	352	'6786826_/_6786823'		1.23	3.33	3.33	0.48	0.87	3.33	1.47	No	0.48 Thermal Discharging
SOU063	353	'581100144_/_6840225_1'		5.1	10	10	1.44	1.6	10	4.42	No	1.44 Thermal Discharging
SOU063	354	'6791588_/_6791585'		1.73	3.33	3.33	0.48	0.5	3.33	1.47	No	0.48 Thermal Discharging
SOU063	355	'6845282_/_6845316'		5.1	10	10	1.44	10	10	4.42	No	1.44 Thermal Discharging
SOU063	356	'6840194_/_44002162_2'		1.67	3.33	3.33	0.48	1	3.33	1.47	No	0.48 Thermal Discharging
SOU063	357	'87388114_/_6801548_1'		3	10	10	1.44	2.5	10	4.42	No	1.44 Thermal Discharging
SOU063	358	'43994892_/_6811647'		1.83	3.33	3.33	0.48	0.4	3.33	1.47	No	0.4 Element Fault
SOU063	359	'43995774_/_6814584'		4.2	10	10	1.44	1.7	10	4.42	No	1.44 Thermal Discharging
SOU063	360	'6801185_/_6801195'		1.53	3.33	3.33	0.48	0.5	3.33	1.47	No	0.48 Thermal Discharging
SOU063	361	'6845265_/_6845279'		5	10	10	1.44	10	10	4.42	No	1.44 Thermal Discharging
SOU063	362	'6840491_/_6840530'		1.73	3.33	3.33	0.48	0.5	3.33	1.47	No	0.48 Thermal Discharging
SOU063	363	'44001229_/_6840225_2'		5	10	10	1.44	1.6	10	4.42	No	1.44 Thermal Discharging
SOU063	364	'6811485_/_6811495_1'		1.77	3.33	3.33	0.48	0.5	3.33	1.47	No	0.48 Thermal Discharging
SOU063	365	'6839990_/_6845262'		5	10	10	1.44	10	10	4.42	No	1.44 Thermal Discharging
SOU063	366	'150257770_/_6812158'		1.9	3.33	3.33	0.48	0.3	3.33	1.47	No	0.3 Element Fault
SOU063	367	'6786868_/_6786865'		1.03	3.33	3.33	0.48	0.6	3.33	1.47	No	0.48 Thermal Discharging
SOU063	368	'6786440_/_6786450'		1.83	3.33	3.33	0.48	0.3	3.33	1.47	No	0.3 Element Fault
SOU063	369	'6845231_/_6845245'		5	10	10	1.44	10	10	4.42	No	1.44 Thermal Discharging
SOU063	370	'253549268_/_156725445_1'		5	10	10	1.44	1.4	10	4.42	No	1.4 Element Fault
SOU063	371	'6811569_/_6811579'		1.83	3.33	3.33	0.48	0.4	3.33	1.47	No	0.4 Element Fault
SOU063	372	'6811793_/_6811803'		1.4	3.33	3.33	0.48	0.5	3.33	1.47	No	0.48 Thermal Discharging
SOU063	373	'6845214_/_6845228'		5	10	10	1.44	10	10	4.42	No	1.44 Thermal Discharging
SOU063	374	'44001288_/_6840517_3'		1.73	3.33	3.33	0.48	0.5	3.33	1.47	No	0.48 Thermal Discharging
SOU063	375	'6839991_/_6839988_1'		1.7	3.33	3.33	0.48	0.5	3.33	1.47	No	0.48 Thermal Discharging
SOU063	376	'6786288_/_43990238'		1.77	3.33	3.33	0.48	0.5	3.33	1.47	No	0.48 Thermal Discharging
SOU063	377	'43995077_/_6812056'		1.9	3.33	3.33	0	1	3.33	1.47	No	0 Thermal Discharging
SOU063	378	'6786722_/_6786732'		1.03	3.33	3.33	0.48	0.6	3.33	1.47	No	0.48 Thermal Discharging
SOU063	379	'6833200_/_6845211'		5	10	10	1.44	10	10	4.42	No	1.44 Thermal Discharging
SOU063	380	'6840007_/_6839988_2'		1.7	3.33	3.33	0.48	0.5	3.33	1.47	No	0.48 Thermal Discharging
SOU063	381	'6840478_/_6840488'		1.73	3.33	3.33	0.48	0.5	3.33	1.47	No	0.48 Thermal Discharging
SOU063	382	'6845180_/_6845194'		5	10	10	1.44	10	10	4.42	No	1.44 Thermal Discharging
SOU063	383	'6786356_/_6786366_1'		1.77	3.33	3.33	0.48	0.3	3.33	1.47	No	0.3 Element Fault
SOU063	384	'43990599_/_6778431'		1	3.33	3.33	0.48	0.5	3.33	1.47	No	0.48 Thermal Discharging
SOU063	385	'6811858_/_6811855'		1.37	3.33	3.33	0.48	0.5	3.33	1.47	No	0.48 Thermal Discharging
SOU063	386	'6778447_/_6778444'		1	3.33	3.33	0.48	0.5	3.33	1.47	No	0.48 Thermal Discharging
SOU063	387	'6786774_/_6786771'		1	3.33	3.33	0.48	0.6	3.33	1.47	No	0.48 Thermal Discharging
SOU063	388	'6845163_/_6845177'		5	10	10	1.44	10	10	4.42	No	1.44 Thermal Discharging
SOU063	389	'6833201_/_6839839_1'		1.63	3.33	3.33	0.48	0.5	3.33	1.47	No	0.48 Thermal Discharging
SOU063	390	'6786920_/_6786930'		1	3.33	3.33	0.48	0.6	3.33	1.47	No	0.48 Thermal Discharging
SOU063	391	'44001242_/_44001231'		4.5	10	10	1.44	1.6	10	4.42	No	1.44 Thermal Discharging
SOU063	392	'43994757_/_6812228'		4.1	10	10	1.44	1.4	10	4.42	No	1.4 Element Fault
SOU063	393	'6801184_/_6801182'		1.43	3.33	3.33	0.48	0.5	3.33	1.47	No	0.48 Thermal Discharging
SOU063	394	'6844814_/_6845160'		5	10	10	1.44	10	10	4.42	No	1.44 Thermal Discharging
SOU063	395	'581100038_/_6844811'		5	10	10	1.44	10	10	4.42	No	1.44 Thermal Discharging
SOU063	396	'44002160_/_44002162_1'		1.5	3.33	3.33	0.48	0.4	3.33	1.47	No	0.4 Element Fault
SOU063	397	'6811472_/_6811482'		1.8	3.33	3.33	0.48	0.5	3.33	1.47	No	0.48 Thermal Discharging
SOU063	398	'6811663_/_6811660'		1.87	3.33	3.33	0.48	0.4	3.33	1.47	No	0.4 Element Fault
SOU063	399	'44001185_/_6839988_3'		1.7	3.33	3.33	0.48	0.5	3.33	1.47	No	0.48 Thermal Discharging
SOU063	400	'6833214_/_6839839_2'		1.6	3.33	3.33	0.48	0.5	3.33	1.47	No	0.48 Thermal Discharging
SOU063	401	'636025998_/_6833013_1'		1.67	3.33	3.33	0.48	0.5	3.33	1.47	No	0.48 Thermal Discharging
SOU063	402	'6844834_/_6844831'		5	10	10	1.44	10	10	4.42	No	1.44 Thermal Discharging
SOU063	403	'581100100_/_6845143'		5	10	10	1.44	10	10	4.42	No	1.44 Thermal Discharging
SOU063	404	'6812231_/_6812245_1'		4.1	10	10	1.44	1.4	10	4.42	No	1.4 Element Fault
SOU063	405	'44001082_/_6844848'		4.9	10	10	1.44	10	10	4.42	No	1.44 Thermal Discharging
SOU063	406	'6811568_/_43994872'		1.87	3.33	3.33	0.48	0.4	3.33	1.47	No	0.4 Element Fault
SOU063	407	'346988827_/_346988842'		1.27	3.33	3.33	0.48	0.7	3.33	1.47	No	0.48 Thermal Discharging
SOU063	408	'43995761_/_6814564'		3.8	10	10	1.44	1.7	10	4.42	No	1.44 Thermal Discharging
SOU063	409	'581095591_/_581095588'		3.8	10	10	1.44	1.7	10	4.42	No	1.44 Thermal Discharging
SOU063	410	'6844868_/_44001084'		4.9	10	10	1.44	10	10	4.42	No	1.44 Thermal Discharging
SOU063	411	'581101131_/_458833541_1'		3.8	10	10	1.44	0.9	10	4.42	No	0.9 Element Fault
SOU063	412	'6786521_/_6786518'		1.7	3.33	3.33	0.48	0.3	3.33	1.47	No	0.3 Element Fault
SOU063	413	'346989006_/_6814716_3'		1.27	3.33	3.33	0.48	0.7	3.33	1.47	No	0.48 Thermal Discharging
SOU063	414	'6786330_/_6786327'		1.67	3.33	3.33	0.48	0.5	3.33	1.47	No	0.48 Thermal Discharging
SOU063	415	'44001277_/_6840475'		1.77	3.33	3.33	0.48	0.5	3.33	1.47	No	0.48 Thermal Discharging
SOU063	416	'6786482_/_6786479'		1.7	3.33	3.33	0.48	0.3	3.33	1.47	No	0.3 Element Fault
SOU063	417	'6839842_/_6839839_3'		1.53	3.33	3.33	0.48	0.5	3.33	1.47	No	0.48 Thermal Discharging
SOU063	418	'44001095_/_6844882'		4.9	10	10	1.44	10	10	4.42	No	1.44 Thermal Discharging
SOU063	419	'6786787_/_6786784'		0.97	3.33	3.33	0.48	0.6	3.33	1.47	No	0.48 Thermal Discharging
SOU063	420	'6812072_/_6812069'		1.97	3.33	3.33	0	1	3.33	1.47	No	0 Thermal Discharging
SOU063	421	'6840262_/_44001244'		4.3	10	10	1.44	1.6	10	4.42	No	1.44 Thermal Discharging
SOU063	422	'43994948_/_6811790'		1.27	3.33	3.33	0.48	0.5	3.33	1.47	No	0.48 Thermal Discharging
SOU063	423	'6787209_/_6787206'		1.27	3.33	3.33	0.48	0.87	3.33	1.47	No	0.48 Thermal Discharging
SOU063	424	'6786907_/_6786917'		1	3.33	3.33	0.48	0.6	3.33	1.47	No	0.48 Thermal Discharging
SOU063	425	'6844902_/_44001097'		4.9	10	10	1.44	10	10	4.42	No	1.44 Thermal Discharging
SOU063	426	'6840559_/_6840556'		1.77	3.33	3.33	0.48	0.5	3.33	1.47	No	0.48 Thermal Discharging
SOU063	427	'346989013_/_6814716_2'		1.23	3.33	3.33	0.48	0.4	3.33	1.47	No	0.4 Element Fault
SOU063	428	'6845563_/_6845560'		4.9	10	10	1.44	10	10	4.42	No	1.44 Thermal Discharging
SOU063	429	'6795495_/_6795506'		0.97	3.33	3.33	0.48	0.6	3.33	1.47	No	0.48 Thermal Discharging
SOU063	430	'6840019_/_6840017'		1.73	3.33	3.33	0.48	0.5	3.33	1.47	No	0.48 Thermal Discharging
SOU063	431	'6786709_/_6786719'		0.97	3.33	3.33	0.48	0.6	3.33	1.47	No	0.48 Thermal Discharging
SOU063	432	'6786427_/_6786437'		1.67	3.33	3.33	0.48	0.3	3.33	1.47	No	0.3 Element Fault
SOU063	433	'6845580_/_6845577'		4.9	10	10	1.44	10	10	4.42	No	1.44 Thermal Discharging
SOU063	434	'6812248_/_6812245_2'		3.8	10	10	1.44	1.4	10	4.42	No	1.4 Element Fault
SOU063	435	'458833522_/_458833541_2'		3.6	10	10	1.44	0.9	10	4.42	No	0.9 Element Fault
SOU063	436	'6786343_/_6786340'		1.63	3.33	3.33	0.48	0.5	3.33	1.47	No	0.48 Thermal Discharging
SOU063	437	'43994735_/_43994737'		1.83	3.33	3.33	0.48	0.5	3.33	1.47	No	0.48 Thermal Discharging
SOU063	438	'43994903_/_6811673'		1.9	3.33	3.33	0.48	0.4	3.33	1.47	No	0.4 Element Fault
SOU063	439	'44002437_/_6848495'		4.9	10	10	1.44	10	10	4.42	No	1.44 Thermal Discharging
SOU063	440	'6786369_/_6786366_2'		1.63	3.33	3.33	0.48	0.3	3.33	1.47	No	0.3 Element Fault
SOU063	441	'6778463_/_6778460'		0.93	3.33	3.33	0.48	0.5	3.33	1.47	No	0.48 Thermal Discharging
SOU063	442	'6846829_/_6846827'		1.33	3.33	3.33	0.48	0.4	3.33	1.47	No	0.4 Element Fault
SOU063	443	'6833003_/_6833013_2'		1.7	3.33	3.33	0.48	0.5	3.33	1.47	No	0.48 Thermal Discharging
SOU063	444	'43990313_/_43990315'		0.97	3.33	3.33	0.48	0.6	3.33	1.47	No	0.48 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SOU063	445	'60279236_/60279178_1'		0.93	3.33	3.33	0.48	0.3	3.33	1.47 No	0.3 Element Fault
SOU063	446	'6845596_/44002439'		4.9	10	10	1.44	10	10	4.42 No	1.44 Thermal Discharging
SOU063	447	'6786537_/6786534'		1.63	3.33	3.33	0.48	0.3	3.33	1.47 No	0.3 Element Fault
SOU063	448	'6840046_/6840043'		1.73	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48 Thermal Discharging
SOU063	449	'6811446_/6811456'		1.83	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48 Thermal Discharging
SOU063	450	'6840279_/6840276'		4	10	10	1.44	1.6	10	4.42 No	1.44 Thermal Discharging
SOU063	451	'6840452_/6840462'		1.8	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48 Thermal Discharging
SOU063	452	'6803835_/6803832'		1.6	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48 Thermal Discharging
SOU063	453	'44001527_/6845594'		4.8	10	10	1.44	10	10	4.42 No	1.44 Thermal Discharging
SOU063	454	'44001152_/6839852'		1.4	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48 Thermal Discharging
SOU063	455	'6778408_/6778418'		0.93	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48 Thermal Discharging
SOU063	456	'6814706_/6814716_1'		1.17	3.33	3.33	0.48	0.4	3.33	1.47 No	0.4 Element Fault
SOU063	457	'6845614_/6845611'		4.8	10	10	1.44	10	10	4.42 No	1.44 Thermal Discharging
SOU063	458	'6786495_/6786492'		1.63	3.33	3.33	0.48	0.3	3.33	1.47 No	0.3 Element Fault
SOU063	459	'6845631_/6845628'		4.8	10	10	1.44	10	10	4.42 No	1.44 Thermal Discharging
SOU063	460	'43993226_/6803420'		0.93	3.33	3.33	0.48	0.6	3.33	1.47 No	0.48 Thermal Discharging
SOU063	461	'6833188_/6833224'		1.37	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48 Thermal Discharging
SOU063	462	'43995322_/6811868'		1.17	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48 Thermal Discharging
SOU063	463	'6845977_/6845991'		4.8	10	10	1.44	10	10	4.42 No	1.44 Thermal Discharging
SOU063	464	'6811445_/6811443'		1.87	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48 Thermal Discharging
SOU063	465	'6811767_/6811777'		1.17	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48 Thermal Discharging
SOU063	466	'6786881_/6786891'		0.93	3.33	3.33	0.48	0.6	3.33	1.47 No	0.48 Thermal Discharging
SOU063	467	'6812265_/6812262'		3.5	10	10	1.44	1.4	10	4.42 No	1.4 Element Fault
SOU063	468	'6845960_/6845974'		4.8	10	10	1.44	10	10	4.42 No	1.44 Thermal Discharging
SOU063	469	'6786693_/6786706'		0.9	3.33	3.33	0.48	0.6	3.33	1.47 No	0.48 Thermal Discharging
SOU063	470	'6786382_/6786379'		1.53	3.33	3.33	0.48	0.3	3.33	1.47 No	0.3 Element Fault
SOU063	471	'44002588_/44002590'		1.77	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48 Thermal Discharging
SOU063	472	'6840572_/6840569'		1.83	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48 Thermal Discharging
SOU063	473	'6841362_/6845957'		4.8	10	10	1.44	10	10	4.42 No	1.44 Thermal Discharging
SOU063	474	'6811689_/6811686'		1.97	3.33	3.33	0.48	0.4	3.33	1.47 No	0.4 Element Fault
SOU063	475	'43993328_/6803845'		1.53	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48 Thermal Discharging
SOU063	476	'6840059_/6840056'		1.77	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48 Thermal Discharging
SOU063	477	'6845926_/6845940'		4.8	10	10	1.44	10	10	4.42 No	1.44 Thermal Discharging
SOU063	478	'6786880_/6786878'		0.93	3.33	3.33	0.48	0.6	3.33	1.47 No	0.48 Thermal Discharging
SOU063	479	'58110064_/6841360_1'		1.6	3.33	3.33	0.48	0.4	3.33	1.47 No	0.4 Element Fault
SOU063	480	'6840296_/6840293'		3.8	10	10	1.44	1.6	10	4.42 No	1.44 Thermal Discharging
SOU063	481	'6832990_/6833000'		1.7	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48 Thermal Discharging
SOU063	482	'6786426_/6786424'		1.53	3.33	3.33	0.48	0.3	3.33	1.47 No	0.3 Element Fault
SOU063	483	'6840439_/6840449'		1.83	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48 Thermal Discharging
SOU063	484	'6795125_/6795493'		0.9	3.33	3.33	0.48	0.6	3.33	1.47 No	0.48 Thermal Discharging
SOU063	485	'6845909_/6845923'		4.8	10	10	1.44	10	10	4.42 No	1.44 Thermal Discharging
SOU063	486	'6814735_/6814732'		1.13	3.33	3.33	0.48	0.4	3.33	1.47 No	0.4 Element Fault
SOU063	487	'6787222_/6787219'		1.27	3.33	3.33	0.48	0.87	3.33	1.47 No	0.48 Thermal Discharging
SOU063	488	'346988909_/346988906'		1.1	3.33	3.33	0.48	0.7	3.33	1.47 No	0.48 Thermal Discharging
SOU063	489	'6812085_/6812082'		1.87	3.33	3.33	0	1	3.33	1.47 No	0 Thermal Discharging
SOU063	490	'6786395_/6786392'		1.5	3.33	3.33	0.48	0.3	3.33	1.47 No	0.3 Element Fault
SOU063	491	'6841197_/6845906'		4.8	10	10	1.44	10	10	4.42 No	1.44 Thermal Discharging
SOU063	492	'6841198_/6841195_1'		1.6	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48 Thermal Discharging
SOU063	493	'6841211_/6841195_2'		1.6	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48 Thermal Discharging
SOU063	494	'581100251_/60279178_2'		0.9	3.33	3.33	0.48	0.1	3.33	1.47 No	0.1 Element Fault
SOU063	495	'581100445_/6841195_3'		1.6	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48 Thermal Discharging
SOU063	496	'6786508_/6786505'		1.53	3.33	3.33	0.48	0.3	3.33	1.47 No	0.3 Element Fault
SOU063	497	'6814693_/6814703'		1.1	3.33	3.33	0.48	0.4	3.33	1.47 No	0.4 Element Fault
SOU063	498	'6787264_/6787274'		1.27	3.33	3.33	0.48	0.87	3.33	1.47 No	0.48 Thermal Discharging
SOU063	499	'581096857_/6841360_2'		1.53	3.33	3.33	0.48	0.4	3.33	1.47 No	0.4 Element Fault
SOU063	500	'6845875_/6845889'		4.8	10	10	1.44	10	10	4.42 No	1.44 Thermal Discharging
SOU063	501	'6787195_/6803433'		0.9	3.33	3.33	0.48	0.6	3.33	1.47 No	0.48 Thermal Discharging
SOU063	502	'6803861_/6803858'		1.5	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48 Thermal Discharging
SOU063	503	'6786680_/6786690'		0.9	3.33	3.33	0.48	0.6	3.33	1.47 No	0.48 Thermal Discharging
SOU063	504	'43994724_/6820094'		1.9	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48 Thermal Discharging
SOU063	505	'60279216_/60279178_3'		0.87	3.33	3.33	0.48	0.1	3.33	1.47 No	0.1 Element Fault
SOU063	506	'6845858_/6845872'		4.7	10	10	1.44	10	10	4.42 No	1.44 Thermal Discharging
SOU063	507	'44001141_/6833185'		1.27	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48 Thermal Discharging
SOU063	508	'6803532_/43990249'		1.5	3.33	3.33	0.48	0.3	3.33	1.47 No	0.3 Element Fault
SOU063	509	'6839868_/6839865'		1.27	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48 Thermal Discharging
SOU063	510	'6786946_/6786943'		0.9	3.33	3.33	0.48	0.6	3.33	1.47 No	0.48 Thermal Discharging
SOU063	511	'6840426_/6840436'		1.87	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48 Thermal Discharging
SOU063	512	'6840960_/6845855'		4.7	10	10	1.44	10	10	4.42 No	1.44 Thermal Discharging
SOU063	513	'6846983_/6846993'		1.17	3.33	3.33	0.48	0.4	3.33	1.47 No	0.4 Element Fault
SOU063	514	'6786550_/6786547'		1.53	3.33	3.33	0.48	0.3	3.33	1.47 No	0.3 Element Fault
SOU063	515	'44001494_/6841360_3'		1.47	3.33	3.33	0.48	0.4	3.33	1.47 No	0.4 Element Fault
SOU063	516	'6840961_/6840971_1'		1.57	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48 Thermal Discharging
SOU063	517	'6845824_/6845838'		4.7	10	10	1.44	10	10	4.42 No	1.44 Thermal Discharging
SOU063	518	'43995327_/43995324'		1.1	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48 Thermal Discharging
SOU063	519	'6811754_/6811764'		1.1	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48 Thermal Discharging
SOU063	520	'44001641_/6841814'		3.5	10	10	1.44	1.6	10	4.42 No	1.44 Thermal Discharging
SOU063	521	'6778395_/6778405'		0.87	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48 Thermal Discharging
SOU063	522	'346988946_/346988928'		1.07	3.33	3.33	0.48	0.7	3.33	1.47 No	0.48 Thermal Discharging
SOU063	523	'6787478_/6787475'		1.27	3.33	3.33	0.48	0.87	3.33	1.47 No	0.48 Thermal Discharging
SOU063	524	'6845807_/6845821'		4.7	10	10	1.44	10	10	4.42 No	1.44 Thermal Discharging
SOU063	525	'6811433_/6820081'		1.93	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48 Thermal Discharging
SOU063	526	'6786411_/6786408'		1.47	3.33	3.33	0.48	0.3	3.33	1.47 No	0.3 Element Fault
SOU063	527	'6803874_/6803871'		1.47	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48 Thermal Discharging
SOU063	528	'6846872_/6849386'		1.8	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48 Thermal Discharging
SOU063	529	'346989053_/6814849_3'		1.07	3.33	3.33	0.48	0.7	3.33	1.47 No	0.48 Thermal Discharging
SOU063	530	'156725427_/156725445_2'		3.6	10	10	1.44	1.4	10	4.42 No	1.4 Element Fault
SOU063	531	'43990390_/6787261'		1.27	3.33	3.33	0.48	0.87	3.33	1.47 No	0.48 Thermal Discharging
SOU063	532	'6841240_/6841237'		1.6	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48 Thermal Discharging
SOU063	533	'6841172_/6841182'		1.6	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48 Thermal Discharging
SOU063	534	'44001505_/6841399'		1.43	3.33	3.33	0.48	0.4	3.33	1.47 No	0.4 Element Fault
SOU063	535	'6840974_/6840971_2'		1.6	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48 Thermal Discharging
SOU063	536	'6832977_/6832987'		1.73	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48 Thermal Discharging
SOU063	537	'6840948_/6840971_3'		1.6	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48 Thermal Discharging
SOU063	538	'6845790_/6845804'		4.7	10	10	1.44	10	10	4.42 No	1.44 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SOU063	539	'6812500_/_6812510'	1.73	3.33	3.33	0	1	3.33	1.47 No	0	Thermal Discharging
SOU063	540	'44001266_/_6840423'	1.9	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48	Thermal Discharging
SOU063	541	'43995099_/_6812279'	3.2	10	10	1.44	1.4	10	4.42 No	1.4	Element Fault
SOU063	542	'6840072_/_6840069'	1.8	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48	Thermal Discharging
SOU063	543	'6786972_/_6786982'	0.9	3.33	3.33	0.48	0.6	3.33	1.47 No	0.48	Thermal Discharging
SOU063	544	'513668345_/_6786995'	1.43	3.33	3.33	0.48	0.3	3.33	1.47 No	0.3	Element Fault
SOU063	545	'6841834_/_44001643'	3.5	10	10	1.44	1.6	10	4.42 No	1.44	Thermal Discharging
SOU063	546	'581101043_/_6841848'	3.5	10	10	1.44	1.6	10	4.42 No	1.44	Thermal Discharging
SOU063	547	'346989060_/_6814849_2'	1.07	3.33	3.33	0.48	0.4	3.33	1.47 No	0.4	Element Fault
SOU063	548	'7775212_/_9041285_1'	0.9	3.33	3.33	0.48	0.3	3.33	1.47 No	0.3	Element Fault
SOU063	549	'6845753_/_6845787'	4.7	10	10	1.44	10	10	4.42 No	1.44	Thermal Discharging
SOU063	550	'43995837_/_68414690'	1.03	3.33	3.33	0.48	0.4	3.33	1.47 No	0.4	Element Fault
SOU063	551	'6788309_/_6788307'	1.27	3.33	3.33	0.48	0.87	3.33	1.47 No	0.48	Thermal Discharging
SOU063	552	'446955906_/_446552808_1'	3.4	10	10	1.44	1	10	4.42 No	1	Element Fault
SOU063	553	'6840721_/_6845750'	4.7	10	10	1.44	10	10	4.42 No	1.44	Thermal Discharging
SOU063	554	'43993339_/_6803884'	1.43	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48	Thermal Discharging
SOU063	555	'6845424_/_6845421'	4.7	10	10	1.44	10	10	4.42 No	1.44	Thermal Discharging
SOU063	556	'6840708_/_6840705_2'	1.57	3.33	3.33	0.48	1.5	3.33	1.47 No	0.48	Thermal Discharging
SOU063	557	'43995848_/_6814745'	1.03	3.33	3.33	0.48	0.4	3.33	1.47 No	0.4	Element Fault
SOU063	558	'6814839_/_6814849_1'	1.03	3.33	3.33	0.48	0.4	3.33	1.47 No	0.4	Element Fault
SOU063	559	'44001218_/_6846980'	1.1	3.33	3.33	0.48	0.4	3.33	1.47 No	0.4	Element Fault
SOU063	560	'6840397_/_6840410'	1.93	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48	Thermal Discharging
SOU063	561	'44001310_/_6845438'	4.7	10	10	1.44	10	10	4.42 No	1.44	Thermal Discharging
SOU063	562	'6795126_/_6795123'	0.83	3.33	3.33	0.48	0.6	3.33	1.47 No	0.48	Thermal Discharging
SOU063	563	'6811420_/_6811430'	1.97	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48	Thermal Discharging
SOU063	564	'6786998_/_513668351'	1.43	3.33	3.33	0.48	0.3	3.33	1.47 No	0.3	Element Fault
SOU063	565	'6833162_/_6833172'	1.17	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48	Thermal Discharging
SOU063	566	'6845461_/_6845458'	4.7	10	10	1.44	10	10	4.42 No	1.44	Thermal Discharging
SOU063	567	'6811741_/_6811751'	1.03	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48	Thermal Discharging
SOU063	568	'6841415_/_6841412'	1.33	3.33	3.33	0.48	0.4	3.33	1.47 No	0.4	Element Fault
SOU063	569	'6839881_/_6839878'	1.17	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48	Thermal Discharging
SOU063	570	'6787238_/_6787248'	1.23	3.33	3.33	0.48	0.87	3.33	1.47 No	0.48	Thermal Discharging
SOU063	571	'6841159_/_6841169'	1.63	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48	Thermal Discharging
SOU063	572	'6786971_/_6786969'	0.87	3.33	3.33	0.48	0.6	3.33	1.47 No	0.48	Thermal Discharging
SOU063	573	'6812177_/_43995101'	3	10	10	1.44	1.4	10	4.42 No	1.4	Element Fault
SOU063	574	'44001472_/_6841253'	1.63	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48	Thermal Discharging
SOU063	575	'8404611_/_8404984_1'	0.87	3.33	3.33	0.48	0.3	3.33	1.47 No	0.3	Element Fault
SOU063	576	'6778394_/_6778392'	0.83	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48	Thermal Discharging
SOU063	577	'44001417_/_6840945'	1.6	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48	Thermal Discharging
SOU063	578	'6787196_/_6787193'	0.83	3.33	3.33	0.48	0.6	3.33	1.47 No	0.48	Thermal Discharging
SOU063	579	'6846871_/_6846869'	1.83	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48	Thermal Discharging
SOU063	580	'6841337_/_6841347'	1.3	3.33	3.33	0.48	0.4	3.33	1.47 No	0.4	Element Fault
SOU063	581	'6840692_/_6840705_1'	1.57	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48	Thermal Discharging
SOU063	582	'446552762_/_446552808_2'	3.3	10	10	1.44	1	10	4.42 No	1	Element Fault
SOU063	583	'6840384_/_6840394'	1.97	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48	Thermal Discharging
SOU063	584	'6786667_/_6786677'	0.83	3.33	3.33	0.48	0.6	3.33	1.47 No	0.48	Thermal Discharging
SOU063	585	'44001630_/_6840082'	1.83	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48	Thermal Discharging
SOU063	586	'44001060_/_44001062'	1.8	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48	Thermal Discharging
SOU063	587	'6812499_/_6812497'	1.6	3.33	3.33	0	1	3.33	1.47 No	0	Thermal Discharging
SOU063	588	'6803900_/_43993341'	1.4	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48	Thermal Discharging
SOU063	589	'7146635_/_7146633'	1.2	3.33	3.33	0.48	0.87	3.33	1.47 No	0.48	Thermal Discharging
SOU063	590	'43995112_/_6812194'	2.9	10	10	1.44	1.4	10	4.42 No	1.4	Element Fault
SOU063	591	'6811407_/_6811417'	2.03	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48	Thermal Discharging
SOU063	592	'43995892_/_6814862'	0.97	3.33	3.33	0.48	0.4	3.33	1.47 No	0.4	Element Fault
SOU063	593	'43990379_/_43990381'	1.2	3.33	3.33	0.48	0.87	3.33	1.47 No	0.48	Thermal Discharging
SOU063	594	'6789060_/_6795139'	0.83	3.33	3.33	0.48	0.6	3.33	1.47 No	0.48	Thermal Discharging
SOU063	595	'43995881_/_6814836'	0.97	3.33	3.33	0.48	0.4	3.33	1.47 No	0.4	Element Fault
SOU063	596	'6840990_/_6840987'	1.63	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48	Thermal Discharging
SOU063	597	'6840166_/_6840176'	1.07	3.33	3.33	0.48	0.4	3.33	1.47 No	0.4	Element Fault
SOU063	598	'581100081_/_7462163_1'	2.9	10	10	1.44	1.4	10	4.42 No	1.4	Element Fault
SOU063	599	'6833149_/_6833159'	1.1	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48	Thermal Discharging
SOU063	600	'6841272_/_6841269'	1.67	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48	Thermal Discharging
SOU063	601	'6803757_/_6803913'	1.37	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48	Thermal Discharging
SOU063	602	'6841146_/_6841156'	1.67	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48	Thermal Discharging
SOU063	603	'6840650_/_6840689'	1.6	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48	Thermal Discharging
SOU063	604	'6840371_/_6840381'	2	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48	Thermal Discharging
SOU063	605	'6814667_/_6814677'	0.97	3.33	3.33	0.48	0.4	3.33	1.47 No	0.4	Element Fault
SOU063	606	'44001573_/_6839891'	1.07	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48	Thermal Discharging
SOU063	607	'6832948_/_6832961'	1.83	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48	Thermal Discharging
SOU063	608	'6840922_/_6840932'	1.63	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48	Thermal Discharging
SOU063	609	'43990324_/_6789057'	0.83	3.33	3.33	0.48	0.6	3.33	1.47 No	0.48	Thermal Discharging
SOU063	610	'44002182_/_6846895'	1.87	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48	Thermal Discharging
SOU063	611	'6841791_/_6841788'	1.9	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48	Thermal Discharging
SOU063	612	'6814761_/_43995850'	0.93	3.33	3.33	0.48	0.4	3.33	1.47 No	0.4	Element Fault
SOU063	613	'6786628_/_6786664'	0.8	3.33	3.33	0.48	0.6	3.33	1.47 No	0.48	Thermal Discharging
SOU063	614	'6841324_/_6841334'	1.17	3.33	3.33	0.48	0.4	3.33	1.47 No	0.4	Element Fault
SOU063	615	'7462166_/_7462163_2'	2.8	10	10	1.44	1.4	10	4.42 No	1.4	Element Fault
SOU063	616	'6841428_/_6841425'	1.17	3.33	3.33	0.48	0.4	3.33	1.47 No	0.4	Element Fault
SOU063	617	'9041288_/_9041285_2'	0.8	3.33	3.33	0.48	0.3	3.33	1.47 No	0.3	Element Fault
SOU063	618	'44001450_/_6841143'	1.7	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48	Thermal Discharging
SOU063	619	'6841804_/_6841801'	1.9	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48	Thermal Discharging
SOU063	620	'6840153_/_6840163'	1	3.33	3.33	0.48	0.4	3.33	1.47 No	0.4	Element Fault
SOU063	621	'6821003_/_6821013'	0.93	3.33	3.33	0.48	0.4	3.33	1.47 No	0.4	Element Fault
SOU063	622	'6786959_/_6789070'	0.8	3.33	3.33	0.48	0.6	3.33	1.47 No	0.48	Thermal Discharging
SOU063	623	'44001255_/_6840368'	2.1	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48	Thermal Discharging
SOU063	624	'43994713_/_6811404'	2.07	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48	Thermal Discharging
SOU063	625	'6787092_/_6787180'	1.17	3.33	3.33	0.48	0.87	3.33	1.47 No	0.48	Thermal Discharging
SOU063	626	'6814878_/_43995894'	0.93	3.33	3.33	0.48	0.4	3.33	1.47 No	0.4	Element Fault
SOU063	627	'44001428_/_6841013'	1.67	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48	Thermal Discharging
SOU063	628	'6803744_/_6803754'	1.3	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48	Thermal Discharging
SOU063	629	'6832935_/_6832945'	1.87	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48	Thermal Discharging
SOU063	630	'6803770_/_6803780_1'	1.3	3.33	3.33	0.48	0.3	3.33	1.47 No	0.3	Element Fault
SOU063	631	'44001130_/_44001132'	1.03	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48	Thermal Discharging
SOU063	632	'43996059_/_6814771'	0.9	3.33	3.33	0.48	0.4	3.33	1.47 No	0.4	Element Fault

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Over- Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SOU063	633	'6814654_/_6814664'		0.9	3.33	3.33	0.48	0.4	3.33	1.47 No	0.4 Element Fault
SOU063	634	'6840663_/_6840660'		1.67	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48 Thermal Discharging
SOU063	635	'6846859_/_6846882'		1.87	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48 Thermal Discharging
SOU063	636	'6841587_/_6841584'		1	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48 Thermal Discharging
SOU063	637	'6841120_/_6841130'		1.73	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48 Thermal Discharging
SOU063	638	'6840637_/_6840647'		1.67	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48 Thermal Discharging
SOU063	639	'6811381_/_6811391'		1.97	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48 Thermal Discharging
SOU063	640	'6786627_/_6786625'		0.77	3.33	3.33	0.48	0.6	3.33	1.47 No	0.48 Thermal Discharging
SOU063	641	'6786958_/_6786956'		0.8	3.33	3.33	0.48	0.6	3.33	1.47 No	0.48 Thermal Discharging
SOU063	642	'6840137_/_6840150'		0.97	3.33	3.33	0.48	0.4	3.33	1.47 No	0.4 Element Fault
SOU063	643	'6803783_/_6803780_2'		1.3	3.33	3.33	0.48	0.3	3.33	1.47 No	0.3 Element Fault
SOU063	644	'6841323_/_44001485'		1.1	3.33	3.33	0.48	0.4	3.33	1.47 No	0.4 Element Fault
SOU063	645	'581096629_/_6843620'		1.67	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48 Thermal Discharging
SOU063	646	'6840345_/_6840355'		2.03	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48 Thermal Discharging
SOU063	647	'6840909_/_6840919'		1.7	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48 Thermal Discharging
SOU063	648	'44001049_/_44001051'		1.93	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48 Thermal Discharging
SOU063	649	'6787157_/_6787167'		1.13	3.33	3.33	0.48	0.87	3.33	1.47 No	0.48 Thermal Discharging
SOU063	650	'6815756_/_43996061'		0.87	3.33	3.33	0.48	0.4	3.33	1.47 No	0.4 Element Fault
SOU063	651	'6839975_/_6846856'		1.77	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48 Thermal Discharging
SOU063	652	'6803743_/_43993319'		1.27	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48 Thermal Discharging
SOU063	653	'6841444_/_6841441'		1.07	3.33	3.33	0.48	0.4	3.33	1.47 No	0.4 Element Fault
SOU063	654	'6841029_/_6841026'		1.7	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48 Thermal Discharging
SOU063	655	'6811380_/_6811378'		1.9	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48 Thermal Discharging
SOU063	656	'6803796_/_6803793'		1.27	3.33	3.33	0.48	0.3	3.33	1.47 No	0.3 Element Fault
SOU063	657	'6814826_/_6821000'		0.87	3.33	3.33	0.48	0.4	3.33	1.47 No	0.4 Element Fault
SOU063	658	'6833123_/_6833133'		0.97	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48 Thermal Discharging
SOU063	659	'6849824_/_6849821'		1.73	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48 Thermal Discharging
SOU063	660	'6840315_/_6840313'		0.93	3.33	3.33	0.48	0.4	3.33	1.47 No	0.4 Element Fault
SOU063	661	'6841600_/_6841597'		0.93	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48 Thermal Discharging
SOU063	662	'6841119_/_6841117'		1.8	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48 Thermal Discharging
SOU063	663	'6814641_/_6814651'		0.87	3.33	3.33	0.48	0.4	3.33	1.47 No	0.4 Element Fault
SOU063	664	'438885099_/_438885101'		0.87	3.33	3.33	0.48	0.4	3.33	1.47 No	0.4 Element Fault
SOU063	665	'43990302_/_6795107'		0.73	3.33	3.33	0.48	0.6	3.33	1.47 No	0.48 Thermal Discharging
SOU063	666	'6787144_/_6787154'		1.1	3.33	3.33	0.48	0.87	3.33	1.47 No	0.48 Thermal Discharging
SOU063	667	'6787076_/_6787089'		1.1	3.33	3.33	0.48	0.87	3.33	1.47 No	0.48 Thermal Discharging
SOU063	668	'6840344_/_6840342'		1.93	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48 Thermal Discharging
SOU063	669	'44001406_/_6840906'		1.73	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48 Thermal Discharging
SOU063	670	'6832906_/_6832916'		2	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48 Thermal Discharging
SOU063	671	'44001207_/_6840134'		0.9	3.33	3.33	0.48	0.4	3.33	1.47 No	0.4 Element Fault
SOU063	672	'44001174_/_44001176'		1.7	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48 Thermal Discharging
SOU063	673	'43990335_/_6803806'		1.23	3.33	3.33	0.48	0.3	3.33	1.47 No	0.3 Element Fault
SOU063	674	'6787131_/_6787141'		1.1	3.33	3.33	0.48	0.87	3.33	1.47 No	0.48 Thermal Discharging
SOU063	675	'44002690_/_44002692'		1.83	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48 Thermal Discharging
SOU063	676	'6811186_/_6817559'		1.77	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48 Thermal Discharging
SOU063	677	'6837679_/_6837677_1'		1.73	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48 Thermal Discharging
SOU063	678	'6841042_/_6841039'		1.77	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48 Thermal Discharging
SOU063	679	'6786615_/_6786638'		0.73	3.33	3.33	0.48	0.6	3.33	1.47 No	0.48 Thermal Discharging
SOU063	680	'6837667_/_6837677_2'		1.73	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48 Thermal Discharging
SOU063	681	'6787075_/_6787073'		1.07	3.33	3.33	0.48	0.87	3.33	1.47 No	0.48 Thermal Discharging
SOU063	682	'6833110_/_6833120'		0.9	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48 Thermal Discharging
SOU063	683	'6814640_/_6814638'		0.8	3.33	3.33	0.48	0.4	3.33	1.47 No	0.4 Element Fault
SOU063	684	'43995870_/_6814823'		0.83	3.33	3.33	0.48	0.4	3.33	1.47 No	0.4 Element Fault
SOU063	685	'6840329_/_6840326'		0.87	3.33	3.33	0.48	0.4	3.33	1.47 No	0.4 Element Fault
SOU063	686	'6786614_/_359179625'		0.73	3.33	3.33	0.48	0.6	3.33	1.47 No	0.48 Thermal Discharging
SOU063	687	'6815769_/_6815766'		0.8	3.33	3.33	0.48	0.4	3.33	1.47 No	0.4 Element Fault
SOU063	688	'43996070_/_6814901'		0.8	3.33	3.33	0.48	0.4	3.33	1.47 No	0.4 Element Fault
SOU063	689	'6787010_/_6803819'		1.2	3.33	3.33	0.48	0.3	3.33	1.47 No	0.3 Element Fault
SOU063	690	'6840111_/_6840121'		0.87	3.33	3.33	0.48	0.4	3.33	1.47 No	0.4 Element Fault
SOU063	691	'6832893_/_6832903'		1.83	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48 Thermal Discharging
SOU063	692	'8404987_/_8404984_2'		0.7	3.33	3.33	0.48	0.3	3.33	1.47 No	0.3 Element Fault
SOU063	693	'6836878_/_6849902'		1.9	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48 Thermal Discharging
SOU063	694	'6839946_/_6839959'		1.6	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48 Thermal Discharging
SOU063	695	'6787118_/_6787128'		1.07	3.33	3.33	0.48	0.87	3.33	1.47 No	0.48 Thermal Discharging
SOU063	696	'44001584_/_6841610'		0.87	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48 Thermal Discharging
SOU063	697	'6840624_/_6840634'		1.8	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48 Thermal Discharging
SOU063	698	'6786653_/_6786651'		0.7	3.33	3.33	0.48	0.6	3.33	1.47 No	0.48 Thermal Discharging
SOU063	699	'6840883_/_6840893'		1.8	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48 Thermal Discharging
SOU063	700	'6841613_/_6841623_1'		0.87	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48 Thermal Discharging
SOU063	701	'44002679_/_6849834'		1.8	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48 Thermal Discharging
SOU063	702	'6833097_/_6833107'		0.87	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48 Thermal Discharging
SOU063	703	'43999201_/_43999203'		1.7	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48 Thermal Discharging
SOU063	704	'44001439_/_6841052'		1.83	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48 Thermal Discharging
SOU063	705	'6787011_/_6787008'		1.17	3.33	3.33	0.48	0.3	3.33	1.47 No	0.3 Element Fault
SOU063	706	'6841055_/_6841065_1'		1.83	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48 Thermal Discharging
SOU063	707	'6787105_/_6787115'		1.03	3.33	3.33	0.48	0.87	3.33	1.47 No	0.48 Thermal Discharging
SOU063	708	'6836865_/_6836875'		1.97	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48 Thermal Discharging
SOU063	709	'6840611_/_6840621'		1.87	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48 Thermal Discharging
SOU063	710	'6837654_/_6837664'		1.83	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48 Thermal Discharging
SOU063	711	'6832880_/_6832890'		1.73	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48 Thermal Discharging
SOU063	712	'6814800_/_6814810'		0.77	3.33	3.33	0.48	0.4	3.33	1.47 No	0.4 Element Fault
SOU063	713	'44001196_/_6840108'		0.8	3.33	3.33	0.48	0.4	3.33	1.47 No	0.4 Element Fault
SOU063	714	'6839933_/_6839943'		1.5	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48 Thermal Discharging
SOU063	715	'6841626_/_6841623_2'		0.83	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48 Thermal Discharging
SOU063	716	'6837770_/_6837768'		1.83	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48 Thermal Discharging
SOU063	717	'43990291_/_43990293'		0.7	3.33	3.33	0.48	0.6	3.33	1.47 No	0.48 Thermal Discharging
SOU063	718	'6840870_/_6840880'		1.8	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48 Thermal Discharging
SOU063	719	'43994615_/_43994617'		1.57	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48 Thermal Discharging
SOU063	720	'43996154_/_6815779'		0.77	3.33	3.33	0.48	0.4	3.33	1.47 No	0.4 Element Fault
SOU063	721	'6840598_/_6840608'		1.9	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48 Thermal Discharging
SOU063	722	'6815905_/_6815902'		0.77	3.33	3.33	0.48	0.4	3.33	1.47 No	0.4 Element Fault
SOU063	723	'43990357_/_6787021'		1.13	3.33	3.33	0.48	0.3	3.33	1.47 No	0.3 Element Fault
SOU063	724	'6841068_/_6841065_2'		1.77	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48 Thermal Discharging
SOU063	725	'6811173_/_6811170_2'		1.57	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48 Thermal Discharging
SOU063	726	'44001119_/_44001121'		0.83	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SOU063	727	'6787104_/_6787102'		1	3.33	3.33	0.48	0.87	3.33	1.47 No	0.48 Thermal Discharging
SOU063	728	'44000972_/_6836862'		1.87	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48 Thermal Discharging
SOU063	729	'6836839_/_6836836_1'		1.83	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48 Thermal Discharging
SOU063	730	'6840585_/_6840595'		1.93	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48 Thermal Discharging
SOU063	731	'6786589_/_6786599'		0.67	3.33	3.33	0.48	0.6	3.33	1.47 No	0.48 Thermal Discharging
SOU063	732	'44001038_/_44001040'		1.63	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48 Thermal Discharging
SOU063	733	'6837640_/_6837651'		1.9	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48 Thermal Discharging
SOU063	734	'6831784_/_6831794'		1.57	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48 Thermal Discharging
SOU063	735	'6840097_/_6840095'		0.77	3.33	3.33	0.48	0.4	3.33	1.47 No	0.4 Element Fault
SOU063	736	'6839920_/_6839930'		1.43	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48 Thermal Discharging
SOU063	737	'6814787_/_6814797'		0.73	3.33	3.33	0.48	0.4	3.33	1.47 No	0.4 Element Fault
SOU063	738	'6787037_/_43990359'		1.1	3.33	3.33	0.48	0.3	3.33	1.47 No	0.3 Element Fault
SOU063	739	'6815795_/_43996156'		0.73	3.33	3.33	0.48	0.4	3.33	1.47 No	0.4 Element Fault
SOU063	740	'6836644_/_6840867'		1.67	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48 Thermal Discharging
SOU063	741	'6837800_/_6837797'		1.97	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48 Thermal Discharging
SOU063	742	'6833071_/_6833081'		0.8	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48 Thermal Discharging
SOU063	743	'44001595_/_6841636'		0.77	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48 Thermal Discharging
SOU063	744	'6849850_/_6849847'		1.53	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48 Thermal Discharging
SOU063	745	'6841081_/_6841078'		1.63	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48 Thermal Discharging
SOU063	746	'6786576_/_6786586'		0.67	3.33	3.33	0.48	0.6	3.33	1.47 No	0.48 Thermal Discharging
SOU063	747	'6840584_/_6840582'		1.97	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48 Thermal Discharging
SOU063	748	'6787302_/_6787287'		0.97	3.33	3.33	0.48	0.87	3.33	1.47 No	0.48 Thermal Discharging
SOU063	749	'6811157_/_6811170_1'		1.47	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48 Thermal Discharging
SOU063	750	'43996187_/_6815915'		0.73	3.33	3.33	0.48	0.4	3.33	1.47 No	0.4 Element Fault
SOU063	751	'6831771_/_6843591'		0.77	3.33	3.33	0.48	0.4	3.33	1.47 No	0.4 Element Fault
SOU063	752	'6832866_/_6832864'		1.53	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48 Thermal Discharging
SOU063	753	'44000382_/_6837638'		1.87	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48 Thermal Discharging
SOU063	754	'6814786_/_6814784'		0.7	3.33	3.33	0.48	0.4	3.33	1.47 No	0.4 Element Fault
SOU063	755	'6815808_/_6815805'		0.7	3.33	3.33	0.48	0.4	3.33	1.47 No	0.4 Element Fault
SOU063	756	'6786575_/_6786573'		0.63	3.33	3.33	0.48	0.6	3.33	1.47 No	0.48 Thermal Discharging
SOU063	757	'6787050_/_6787047'		1.07	3.33	3.33	0.48	0.3	3.33	1.47 No	0.3 Element Fault
SOU063	758	'44001163_/_44001165'		1.33	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48 Thermal Discharging
SOU063	759	'6787355_/_6787352'		0.97	3.33	3.33	0.48	0.87	3.33	1.47 No	0.48 Thermal Discharging
SOU063	760	'44000917_/_44000919'		1.57	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48 Thermal Discharging
SOU063	761	'6833058_/_6833068'		0.77	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48 Thermal Discharging
SOU063	762	'6831783_/_6831781'		1.47	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48 Thermal Discharging
SOU063	763	'6837641_/_6837690_1'		1.8	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48 Thermal Discharging
SOU063	764	'6788989_/_6788986'		1.03	3.33	3.33	0.48	0.3	3.33	1.47 No	0.3 Element Fault
SOU063	765	'6787303_/_6787300'		0.93	3.33	3.33	0.48	0.87	3.33	1.47 No	0.48 Thermal Discharging
SOU063	766	'44000404_/_6837810'		1.77	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48 Thermal Discharging
SOU063	767	'6841652_/_6841649'		0.73	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48 Thermal Discharging
SOU063	768	'43999302_/_43999304'		0.73	3.33	3.33	0.48	0.4	3.33	1.47 No	0.4 Element Fault
SOU063	769	'6841094_/_6841091'		1.53	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48 Thermal Discharging
SOU063	770	'6815931_/_6815928'		0.7	3.33	3.33	0.48	0.4	3.33	1.47 No	0.4 Element Fault
SOU063	771	'43999179_/_43999181'		1.47	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48 Thermal Discharging
SOU063	772	'6811156_/_43994606'		1.37	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48 Thermal Discharging
SOU063	773	'43990346_/_6787060'		1.03	3.33	3.33	0.48	0.3	3.33	1.47 No	0.3 Element Fault
SOU063	774	'6841284_/_6849860'		1.4	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48 Thermal Discharging
SOU063	775	'6839906_/_6839904'		1.3	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48 Thermal Discharging
SOU063	776	'6837693_/_6837690_2'		1.7	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48 Thermal Discharging
SOU063	777	'43996165_/_6815818'		0.67	3.33	3.33	0.48	0.4	3.33	1.47 No	0.4 Element Fault
SOU063	778	'6841107_/_6841104'		1.47	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48 Thermal Discharging
SOU063	779	'6836618_/_6836628'		1.47	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48 Thermal Discharging
SOU063	780	'6841665_/_6841662'		0.7	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48 Thermal Discharging
SOU063	781	'44001108_/_44001110'		0.73	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48 Thermal Discharging
SOU063	782	'6803371_/_6803381'		1	3.33	3.33	0.48	0.3	3.33	1.47 No	0.3 Element Fault
SOU063	783	'6794675_/_6794672'		0.93	3.33	3.33	0.48	0.87	3.33	1.47 No	0.48 Thermal Discharging
SOU063	784	'6789002_/_6788999'		1	3.33	3.33	0.48	0.3	3.33	1.47 No	0.3 Element Fault
SOU063	785	'6837826_/_6837823'		1.63	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48 Thermal Discharging
SOU063	786	'44051779_/_44051781'		1.37	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48 Thermal Discharging
SOU063	787	'43999190_/_43999192'		1.27	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48 Thermal Discharging
SOU063	788	'6831677_/_6831687'		1.4	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48 Thermal Discharging
SOU063	789	'6803358_/_6803368'		1	3.33	3.33	0.48	0.3	3.33	1.47 No	0.3 Element Fault
SOU063	790	'6841285_/_6841282'		1.33	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48 Thermal Discharging
SOU063	791	'6815944_/_6815941'		0.67	3.33	3.33	0.48	0.4	3.33	1.47 No	0.4 Element Fault
SOU063	792	'6831742_/_6831752'		0.7	3.33	3.33	0.48	0.4	3.33	1.47 No	0.4 Element Fault
SOU063	793	'43991500_/_6794685'		0.9	3.33	3.33	0.48	0.87	3.33	1.47 No	0.48 Thermal Discharging
SOU063	794	'6837706_/_6837703'		1.57	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48 Thermal Discharging
SOU063	795	'6789018_/_6789015'		0.97	3.33	3.33	0.48	0.3	3.33	1.47 No	0.3 Element Fault
SOU063	796	'6836605_/_6836615'		1.37	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48 Thermal Discharging
SOU063	797	'6833044_/_6833042'		0.7	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48 Thermal Discharging
SOU063	798	'6841678_/_6841675'		0.67	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48 Thermal Discharging
SOU063	799	'70351215_/_6815831'		0.63	3.33	3.33	0.48	0.4	3.33	1.47 No	0.4 Element Fault
SOU063	800	'6842346_/_6842343'		1.37	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48 Thermal Discharging
SOU063	801	'43990258_/_6803355'		0.97	3.33	3.33	0.48	0.3	3.33	1.47 No	0.3 Element Fault
SOU063	802	'6831716_/_6831726'		1.2	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48 Thermal Discharging
SOU063	803	'6787315_/_43991502'		0.9	3.33	3.33	0.48	0.87	3.33	1.47 No	0.48 Thermal Discharging
SOU063	804	'6837839_/_6837836'		1.53	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48 Thermal Discharging
SOU063	805	'7062449_/_7062459'		1.3	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48 Thermal Discharging
SOU063	806	'7062436_/_7062433_2'		1.3	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48 Thermal Discharging
SOU063	807	'6841298_/_6841295'		1.27	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48 Thermal Discharging
SOU063	808	'6831741_/_6831739'		0.67	3.33	3.33	0.48	0.4	3.33	1.47 No	0.4 Element Fault
SOU063	809	'6787316_/_6787313_1'		0.87	3.33	3.33	0.48	0.87	3.33	1.47 No	0.48 Thermal Discharging
SOU063	810	'43997746_/_6819939'		0.63	3.33	3.33	0.48	0.4	3.33	1.47 No	0.4 Element Fault
SOU063	811	'44000906_/_44000908'		1.33	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48 Thermal Discharging
SOU063	812	'43996176_/_6815844'		0.63	3.33	3.33	0.48	0.4	3.33	1.47 No	0.4 Element Fault
SOU063	813	'43990401_/_6787313_2'		0.87	3.33	3.33	0.48	0.87	3.33	1.47 No	0.48 Thermal Discharging
SOU063	814	'43999269_/_43999271'		1.3	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48 Thermal Discharging
SOU063	815	'6842359_/_6842356'		1.3	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48 Thermal Discharging
SOU063	816	'6837719_/_6837716'		1.5	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48 Thermal Discharging
SOU063	817	'6789031_/_6789028'		0.93	3.33	3.33	0.48	0.3	3.33	1.47 No	0.3 Element Fault
SOU063	818	'7062423_/_7062433_1'		1.3	3.33	3.33	0.48	0.3	3.33	1.47 No	0.3 Element Fault
SOU063	819	'6786563_/_6803342'		0.97	3.33	3.33	0.48	0.3	3.33	1.47 No	0.3 Element Fault
SOU063	820	'6841694_/_6841691'		0.67	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
											VSR (MW)	Limiting Threshold
SOU063	821	'6831664_/_6831661_2'		1.3	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48	Thermal Discharging
SOU063	822	'6831703_/_6831713'		1.17	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48	Thermal Discharging
SOU063	823	'7062396_/_7062420'		1.27	3.33	3.33	0.48	0.3	3.33	1.47 No	0.3	Element Fault
SOU063	824	'6841311_/_6841308'		1.2	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48	Thermal Discharging
SOU063	825	'6837852_/_6837849'		1.43	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48	Thermal Discharging
SOU063	826	'6843561_/_6843559'		0.67	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48	Thermal Discharging
SOU063	827	'44051768_/_7115415'		0.63	3.33	3.33	0.48	0.4	3.33	1.47 No	0.4	Element Fault
SOU063	828	'6787329_/_43990403'		0.87	3.33	3.33	0.48	0.87	3.33	1.47 No	0.48	Thermal Discharging
SOU063	829	'6815956_/_43997748'		0.6	3.33	3.33	0.48	0.4	3.33	1.47 No	0.4	Element Fault
SOU063	830	'6786562_/_43990271'		0.93	3.33	3.33	0.48	0.3	3.33	1.47 No	0.3	Element Fault
SOU063	831	'6836579_/_6836589_1'		1.27	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48	Thermal Discharging
SOU063	832	'6831651_/_6831661_1'		1.27	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48	Thermal Discharging
SOU063	833	'44000393_/_6837729'		1.4	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48	Thermal Discharging
SOU063	834	'6815860_/_6815857'		0.6	3.33	3.33	0.48	0.4	3.33	1.47 No	0.4	Element Fault
SOU063	835	'6831702_/_6831700'		1.13	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48	Thermal Discharging
SOU063	836	'7062409_/_7062407'		0.63	3.33	3.33	0.48	0.4	3.33	1.47 No	0.4	Element Fault
SOU063	837	'6787371_/_6787368'		0.83	3.33	3.33	0.48	0.87	3.33	1.47 No	0.48	Thermal Discharging
SOU063	838	'6842437_/_6842434'		1.17	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48	Thermal Discharging
SOU063	839	'44051746_/_7062394'		1.2	3.33	3.33	0.48	0.3	3.33	1.47 No	0.3	Element Fault
SOU063	840	'44051735_/_44051737'		1.2	3.33	3.33	0.48	0.3	3.33	1.47 No	0.3	Element Fault
SOU063	841	'43999280_/_43999282'		0.63	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48	Thermal Discharging
SOU063	842	'581096593_/_6815954'		0.6	3.33	3.33	0.48	0.4	3.33	1.47 No	0.4	Element Fault
SOU063	843	'44000117_/_6838303'		1.37	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48	Thermal Discharging
SOU063	844	'7062397_/_7114869_1'		1.2	3.33	3.33	0.48	0.3	3.33	1.47 No	0.3	Element Fault
SOU063	845	'7061623_/_6831648'		1.2	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48	Thermal Discharging
SOU063	846	'7069245_/_7069255'		0.6	3.33	3.33	0.48	0.4	3.33	1.47 No	0.4	Element Fault
SOU063	847	'6815873_/_6815870'		0.57	3.33	3.33	0.48	0.4	3.33	1.47 No	0.4	Element Fault
SOU063	848	'43999291_/_43999293'		1.1	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48	Thermal Discharging
SOU063	849	'6837745_/_44000395'		1.33	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48	Thermal Discharging
SOU063	850	'6815970_/_6815967'		0.57	3.33	3.33	0.48	0.4	3.33	1.47 No	0.4	Element Fault
SOU063	851	'6850020_/_6850030'		0.6	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48	Thermal Discharging
SOU063	852	'6787396_/_6787381'		0.8	3.33	3.33	0.48	0.87	3.33	1.47 No	0.48	Thermal Discharging
SOU063	853	'7046994_/_7061620'		1.17	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48	Thermal Discharging
SOU063	854	'7062384_/_7067493'		1.17	3.33	3.33	0.48	0.3	3.33	1.47 No	0.3	Element Fault
SOU063	855	'6791600_/_7114869_2'		1.17	3.33	3.33	0.48	0.3	3.33	1.47 No	0.3	Element Fault
SOU063	856	'7061772_/_7061782'		1.07	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48	Thermal Discharging
SOU063	857	'44051757_/_7069242'		0.6	3.33	3.33	0.48	0.4	3.33	1.47 No	0.4	Element Fault
SOU063	858	'44000122_/_44000119'		1.27	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48	Thermal Discharging
SOU063	859	'6787397_/_6787394'		0.8	3.33	3.33	0.48	0.87	3.33	1.47 No	0.48	Thermal Discharging
SOU063	860	'6837758_/_6837755'		1.27	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48	Thermal Discharging
SOU063	861	'521928665_/_7062381'		1.13	3.33	3.33	0.48	0.3	3.33	1.47 No	0.3	Element Fault
SOU063	862	'6815889_/_6815886'		0.57	3.33	3.33	0.48	0.4	3.33	1.47 No	0.4	Element Fault
SOU063	863	'43996198_/_6815980'		0.57	3.33	3.33	0.48	0.4	3.33	1.47 No	0.4	Element Fault
SOU063	864	'6787423_/_6787420'		0.8	3.33	3.33	0.48	0.87	3.33	1.47 No	0.48	Thermal Discharging
SOU063	865	'7061759_/_7061769'		1.03	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48	Thermal Discharging
SOU063	866	'6850019_/_6850017'		0.6	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48	Thermal Discharging
SOU063	867	'6787410_/_6787407'		0.8	3.33	3.33	0.48	0.87	3.33	1.47 No	0.48	Thermal Discharging
SOU063	868	'44053427_/_44053429'		1.1	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48	Thermal Discharging
SOU063	869	'44051756_/_7069229'		0.57	3.33	3.33	0.48	0.4	3.33	1.47 No	0.4	Element Fault
SOU063	870	'6791601_/_6791598'		1.1	3.33	3.33	0.48	0.3	3.33	1.47 No	0.3	Element Fault
SOU063	871	'6838267_/_6838264'		1.2	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48	Thermal Discharging
SOU063	872	'6787436_/_6787433'		0.77	3.33	3.33	0.48	0.87	3.33	1.47 No	0.48	Thermal Discharging
SOU063	873	'6815996_/_43996200'		0.53	3.33	3.33	0.48	0.4	3.33	1.47 No	0.4	Element Fault
SOU063	874	'44051596_/_7061756'		1	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48	Thermal Discharging
SOU063	875	'7046980_/_7046978'		1.07	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48	Thermal Discharging
SOU063	876	'44051724_/_7068965'		1.07	3.33	3.33	0.48	0.3	3.33	1.47 No	0.3	Element Fault
SOU063	877	'7061662_/_7115386'		0.57	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48	Thermal Discharging
SOU063	878	'6787449_/_6787446'		0.77	3.33	3.33	0.48	0.87	3.33	1.47 No	0.48	Thermal Discharging
SOU063	879	'44000106_/_6838277'		1.13	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48	Thermal Discharging
SOU063	880	'7046942_/_7061659_2'		0.57	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48	Thermal Discharging
SOU063	881	'43993350_/_6804003'		1.07	3.33	3.33	0.48	0.3	3.33	1.47 No	0.3	Element Fault
SOU063	882	'7062371_/_7068978'		1.03	3.33	3.33	0.48	0.3	3.33	1.47 No	0.3	Element Fault
SOU063	883	'44051574_/_7061659_1'		0.57	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48	Thermal Discharging
SOU063	884	'6819909_/_6819906'		0.5	3.33	3.33	0.48	0.4	3.33	1.47 No	0.4	Element Fault
SOU063	885	'7061730_/_7061740'		0.97	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48	Thermal Discharging
SOU063	886	'7061597_/_7061607'		1.03	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48	Thermal Discharging
SOU063	887	'6804019_/_6804016'		1.03	3.33	3.33	0.48	0.3	3.33	1.47 No	0.3	Element Fault
SOU063	888	'44801115_/_6838290'		1.1	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48	Thermal Discharging
SOU063	889	'7062355_/_7062368'		1	3.33	3.33	0.48	0.3	3.33	1.47 No	0.3	Element Fault
SOU063	890	'7061717_/_7061727'		0.93	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48	Thermal Discharging
SOU063	891	'7061584_/_7061594'		1	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48	Thermal Discharging
SOU063	892	'7046926_/_7046939'		0.53	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48	Thermal Discharging
SOU063	893	'44051713_/_44051715'		0.97	3.33	3.33	0.48	0.3	3.33	1.47 No	0.3	Element Fault
SOU063	894	'7068994_/_7068991'		1	3.33	3.33	0.48	0.3	3.33	1.47 No	0.3	Element Fault
SOU063	895	'7062354_/_7062352_1'		0.97	3.33	3.33	0.48	0.3	3.33	1.47 No	0.3	Element Fault
SOU063	896	'6791755_/_6804029'		0.97	3.33	3.33	0.48	0.3	3.33	1.47 No	0.3	Element Fault
SOU063	897	'581099864_/_7062352_2'		0.97	3.33	3.33	0.48	0.3	3.33	1.47 No	0.3	Element Fault
SOU063	898	'44051563_/_7061581'		0.97	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48	Thermal Discharging
SOU063	899	'7046913_/_7046923'		0.5	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48	Thermal Discharging
SOU063	900	'44051585_/_44051587'		0.9	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48	Thermal Discharging
SOU063	901	'6791613_/_6791753'		0.93	3.33	3.33	0.48	0.3	3.33	1.47 No	0.3	Element Fault
SOU063	902	'44053416_/_44053418'		0.5	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48	Thermal Discharging
SOU063	903	'7061558_/_7061568'		0.93	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48	Thermal Discharging
SOU063	904	'7061688_/_7061701'		0.87	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48	Thermal Discharging
SOU063	905	'7046884_/_7046894'		0.5	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48	Thermal Discharging
SOU063	906	'43991409_/_6791611'		0.93	3.33	3.33	0.48	0.3	3.33	1.47 No	0.3	Element Fault
SOU063	907	'7061545_/_7061555'		0.93	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48	Thermal Discharging
SOU063	908	'7061675_/_7061685'		0.83	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48	Thermal Discharging
SOU063	909	'7046871_/_7046881_2'		0.47	3.33	3.33	0.48	0.5	3.33	1.47 No	0.47	Primary Over-Voltage
SOU063	910	'44053405_/_7046881_1'		0.47	3.33	3.33	0.48	0.5	3.33	1.47 No	0.47	Primary Over-Voltage
SOU063	911	'6791627_/_43991411'		0.9	3.33	3.33	0.48	0.3	3.33	1.47 No	0.3	Element Fault
SOU063	912	'7061674_/_7061672'		0.83	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48	Thermal Discharging
SOU063	913	'44051552_/_7061542'		0.87	3.33	3.33	0.48	0.5	3.33	1.47 No	0.48	Thermal Discharging
SOU063	914	'7046870_/_7046868'		0.47	3.27	3.33	0.48	0.5	3.33	1.47 No		

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SOU063	915	'6791640_/_6791637'		0.87	3.23	3.33	0.48	0.3	3.3	1.47 No	0.3 Element Fault
SOU063	916	'7061636_/_7061646'		0.47	3.17	3.33	0.48	0.5	3.3	1.47 No	0.47 Primary Over-Voltage
SOU063	917	'7061109_/_7061529'		0.83	3.2	3.33	0.48	0.5	3.28	1.47 No	0.48 Thermal Discharging
SOU063	918	'43991420_/_6791650'		0.83	3.17	3.33	0.48	0.3	3.26	1.47 No	0.3 Element Fault
SOU063	919	'7061635_/_7061633'		0.43	3.07	3.33	0.48	0.5	3.23	1.47 No	0.43 Primary Over-Voltage
SOU063	920	'6791666_/_43991422'		0.83	3.07	3.33	0.48	0.3	3.21	1.47 No	0.3 Element Fault
SOU063	921	'7061108_/_44051393'		0.8	3.1	3.33	0.48	0.5	3.21	1.47 No	0.48 Thermal Discharging
SOU063	922	'6791679_/_6791676'		0.8	2.97	3.33	0.48	0.3	3.14	1.47 No	0.3 Element Fault
SOU063	923	'43991431_/_6791689'		0.77	2.93	3.33	0.48	0.3	3.1	1.47 No	0.3 Element Fault
SOU063	924	'43991436_/_43991433'		0.77	2.83	3.33	0.48	0.3	3.04	1.47 No	0.3 Element Fault
SOU064	0	'SOU064_/_9353890'		10	10	10	1.912	10	10	3.36 No	1.912 Thermal Discharging
SOU064	1	'7773273_/_9353890'		10	10	10	1.912	10	10	3.36 No	1.912 Thermal Discharging
SOU064	2	'7773274_/_7773271'		10	10	10	1.912	10	10	3.36 No	1.912 Thermal Discharging
SOU064	3	'8752788_/_8752786_1'		10	10	10	1.912	10	10	3.36 No	1.912 Thermal Discharging
SOU064	4	'54295235_/_8752786_2'		10	10	10	1.912	10	10	3.36 No	1.912 Thermal Discharging
SOU064	5	'54294769_/_54294496'		10	10	10	1.912	10	10	3.36 No	1.912 Thermal Discharging
SOU064	6	'6702624_/_6702641'		10	10	10	1.912	10	10	3.35 No	1.912 Thermal Discharging
SOU064	7	'6702623_/_6702621'		10	10	10	1.912	10	10	3.35 No	1.912 Thermal Discharging
SOU064	8	'6702880_/_6702894'		10	10	10	1.912	10	10	3.34 No	1.912 Thermal Discharging
SOU064	9	'7469252_/_8752840'		3.33	3.33	3.33	0.64	1.7	3.33	1.11 No	0.64 Thermal Discharging
SOU064	10	'6702526_/_6702877'		10	10	10	1.912	10	10	3.34 No	1.912 Thermal Discharging
SOU064	11	'6702846_/_6702860'		10	10	10	1.912	10	10	3.33 No	1.912 Thermal Discharging
SOU064	12	'6702527_/_6702524_1'		3.33	3.33	3.33	0.64	0.5	3.33	1.11 No	0.5 Element Fault
SOU064	13	'6702500_/_6702843'		10	10	10	1.912	10	10	3.33 No	1.912 Thermal Discharging
SOU064	14	'6702539_/_6702524_2'		3.33	3.33	3.33	0.64	0.5	3.33	1.11 No	0.5 Element Fault
SOU064	15	'6702812_/_6702826'		10	10	10	1.912	10	10	3.32 No	1.912 Thermal Discharging
SOU064	16	'6702501_/_6702498_1'		3.33	3.33	3.33	0.64	0.5	3.33	1.11 No	0.5 Element Fault
SOU064	17	'6702746_/_6702809'		10	10	10	1.912	10	10	3.32 No	1.912 Thermal Discharging
SOU064	18	'6702513_/_6702498_2'		3.33	3.33	3.33	0.64	0.5	3.33	1.11 No	0.5 Element Fault
SOU064	19	'6702729_/_6702743'		10	10	10	1.912	10	10	3.32 No	1.912 Thermal Discharging
SOU064	20	'43972061_/_6702524_3'		3.33	3.33	3.33	0.64	0.5	3.33	1.11 No	0.5 Element Fault
SOU064	21	'7469251_/_7469249'		3.33	3.33	3.33	0.64	0.5	3.33	1.11 No	0.5 Element Fault
SOU064	22	'6702769_/_6702766'		10	10	10	1.912	10	10	3.31 No	1.912 Thermal Discharging
SOU064	23	'6702712_/_6702726'		10	10	10	1.912	10	10	3.31 No	1.912 Thermal Discharging
SOU064	24	'450341502_/_450341322_1'		10	10	10	1.912	1.9	10	3.31 No	1.9 Element Fault
SOU064	25	'43971719_/_43971721'		10	10	10	1.912	10	10	3.31 No	1.912 Thermal Discharging
SOU064	26	'44066334_/_6702786'		10	10	10	1.912	10	10	3.31 No	1.912 Thermal Discharging
SOU064	27	'6702789_/_44066336'		10	10	10	1.912	10	10	3.31 No	1.912 Thermal Discharging
SOU064	28	'450341285_/_450341322_2'		10	10	10	1.912	1.9	10	3.31 No	1.9 Element Fault
SOU064	29	'43970430_/_6702498_3'		3.33	3.33	3.33	0.64	0.5	3.33	1.11 No	0.5 Element Fault
SOU064	30	'6704151_/_6704148'		3.33	3.33	3.33	0.64	0.5	3.33	1.11 No	0.5 Element Fault
SOU064	31	'7159004_/_7159001'		10	10	10	1.912	10	10	3.31 No	1.912 Thermal Discharging
SOU064	32	'7113653_/_7159021_1'		10	10	10	1.912	10	10	3.31 No	1.912 Thermal Discharging
SOU064	33	'6702597_/_6702595'		3.33	3.33	3.33	0.64	0.5	3.33	1.11 No	0.5 Element Fault
SOU064	34	'6760284_/_7159021_2'		10	10	10	1.912	10	10	3.31 No	1.912 Thermal Discharging
SOU064	35	'43971732_/_6702608'		3.33	3.33	3.33	0.64	0.5	3.33	1.11 No	0.5 Element Fault
SOU064	36	'44066524_/_6760282'		10	10	10	1.912	10	10	3.31 No	1.912 Thermal Discharging
SOU064	37	'6747369_/_6747384'		10	10	10	1.912	10	10	3.31 No	1.912 Thermal Discharging
SOU064	38	'43983976_/_6747367'		10	10	10	1.912	10	10	3.31 No	1.912 Thermal Discharging
SOU064	39	'9040715_/_9040713_1'		10	10	10	1.912	1.5	10	3.31 No	1.5 Element Fault
SOU064	40	'6747353_/_6747350'		10	10	10	1.912	10	10	3.31 No	1.912 Thermal Discharging
SOU064	41	'6763707_/_7113684'		3.33	3.33	3.33	0.64	0.5	3.33	1.11 No	0.5 Element Fault
SOU064	42	'44066347_/_6760316'		10	10	10	1.912	10	10	3.31 No	1.912 Thermal Discharging
SOU064	43	'6759455_/_6760350'		10	10	10	1.912	10	10	3.31 No	1.912 Thermal Discharging
SOU064	44	'6754013_/_7113668'		3.33	3.33	3.33	0.64	0.5	3.33	1.11 No	0.5 Element Fault
SOU064	45	'6759454_/_6759452'		10	10	10	1.912	10	10	3.31 No	1.912 Thermal Discharging
SOU064	46	'6705668_/_6705666'		3.33	3.33	3.33	0.64	0.5	3.33	1.11 No	0.5 Element Fault
SOU064	47	'6759472_/_6759469'		10	10	10	1.912	10	10	3.31 No	1.912 Thermal Discharging
SOU064	48	'6759489_/_6759486'		10	10	10	1.912	10	10	3.31 No	1.912 Thermal Discharging
SOU064	49	'43972006_/_43972008'		3.33	3.33	3.33	0.64	0.5	3.33	1.11 No	0.5 Element Fault
SOU064	50	'6759506_/_6759503'		10	10	10	1.912	10	10	3.31 No	1.912 Thermal Discharging
SOU064	51	'6759523_/_6759520'		10	10	10	1.912	10	10	3.31 No	1.912 Thermal Discharging
SOU064	52	'6763708_/_6763705'		3.33	3.33	3.33	0.64	0.5	3.33	1.11 No	0.5 Element Fault
SOU064	53	'6759540_/_6759537'		10	10	10	1.912	10	10	3.31 No	1.912 Thermal Discharging
SOU064	54	'6754014_/_6754011'		3.33	3.33	3.33	0.64	0.5	3.33	1.11 No	0.5 Element Fault
SOU064	55	'6759557_/_6759554'		10	10	10	1.912	10	10	3.31 No	1.912 Thermal Discharging
SOU064	56	'9040716_/_9040713_2'		10	10	10	1.912	1.5	10	3.31 No	1.5 Element Fault
SOU064	57	'43983304_/_6759571'		10	10	10	1.912	10	10	3.31 No	1.912 Thermal Discharging
SOU064	58	'6759594_/_6759591'		10	10	10	1.912	10	10	3.31 No	1.912 Thermal Discharging
SOU064	59	'6759611_/_6759608'		10	10	10	1.912	10	10	3.31 No	1.912 Thermal Discharging
SOU064	60	'6703927_/_6703937'		3.33	3.33	3.33	0.64	0.5	3.33	1.11 No	0.5 Element Fault
SOU064	61	'6759628_/_6759625'		10	10	10	1.912	10	10	3.31 No	1.912 Thermal Discharging
SOU064	62	'6705682_/_6705679'		3.33	3.33	3.33	0.64	0.5	3.33	1.11 No	0.5 Element Fault
SOU064	63	'6759645_/_6759642'		10	10	10	1.912	10	10	3.31 No	1.912 Thermal Discharging
SOU064	64	'6759662_/_6759659'		10	10	10	1.912	10	10	3.31 No	1.912 Thermal Discharging
SOU064	65	'6759679_/_6759676'		10	10	10	1.912	10	10	3.31 No	1.912 Thermal Discharging
SOU064	66	'6759696_/_6759693'		10	10	10	1.912	10	10	3.31 No	1.912 Thermal Discharging
SOU064	67	'6759713_/_6759710'		10	10	10	1.912	10	10	3.31 No	1.912 Thermal Discharging
SOU064	68	'6759730_/_6759727'		10	10	10	1.912	10	10	3.31 No	1.912 Thermal Discharging
SOU064	69	'6759747_/_6759744'		10	10	10	1.912	10	10	3.31 No	1.912 Thermal Discharging
SOU064	70	'6759764_/_6759761'		10	10	10	1.912	10	10	3.31 No	1.912 Thermal Discharging
SOU064	71	'6759781_/_6759778'		10	10	10	1.912	10	10	3.31 No	1.912 Thermal Discharging
SOU064	72	'6759902_/_6760164'		10	10	10	1.912	10	10	3.31 No	1.912 Thermal Discharging
SOU064	73	'43971995_/_43971997'		3.33	3.33	3.33	0.64	0.5	3.33	1.11 No	0.5 Element Fault
SOU064	74	'6759903_/_6759900'		10	10	10	1.912	10	10	3.31 No	1.912 Thermal Discharging
SOU064	75	'6759920_/_6759917'		10	10	10	1.912	10	10	3.31 No	1.912 Thermal Discharging
SOU064	76	'603414795_/_603414815'		10	10	10	1.912	10	10	3.31 No	1.912 Thermal Discharging
SOU064	77	'603414725_/_603414792'		10	10	10	1.912	10	10	3.31 No	1.912 Thermal Discharging
SOU064	78	'6759954_/_603414769'		10	10	10	1.912	10	10	3.31 No	1.912 Thermal Discharging
SOU064	79	'6759971_/_6759968'		10	10	10	1.912	10	10	3.31 No	1.912 Thermal Discharging
SOU064	80	'6759988_/_6759985'		10	10	10	1.912	10	10	3.31 No	1.912 Thermal Discharging
SOU064	81	'6757240_/_6760002'		10	10	10	1.912	10	10	3.31 No	1.912 Thermal Discharging
SOU064	82	'43983885_/_6760019'		10	10	10	1.912	10	10	3.31 No	1.912 Thermal Discharging
SOU064	83	'6687289_/_6703911'		3.33	3.33	3.33	0.64	0.5	3.33	1.11 No	0.5 Element Fault

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SOU064	84	'6760039_/_43983887'	10	10	10	1.912	10	10	3.31 No	1.912	Thermal Discharging
SOU064	85	'6757241_/_6757238_1'	3.33	3.33	3.33	0.64	0.5	3.33	1.1 No	0.5	Element Fault
SOU064	86	'6760056_/_6760053'	10	10	10	1.912	10	10	3.31 No	1.912	Thermal Discharging
SOU064	87	'6757254_/_6757238_2'	3.33	3.33	3.33	0.64	0.5	3.33	1.1 No	0.5	Element Fault
SOU064	88	'6760073_/_6760070'	10	10	10	1.912	10	10	3.31 No	1.912	Thermal Discharging
SOU064	89	'6760090_/_6760087'	10	10	10	1.912	10	10	3.31 No	1.912	Thermal Discharging
SOU064	90	'6759882_/_6760104'	10	10	10	1.912	10	10	3.31 No	1.912	Thermal Discharging
SOU064	91	'6687276_/_6687286'	3.33	3.33	3.33	0.64	0.5	3.33	1.1 No	0.5	Element Fault
SOU064	92	'6757048_/_6759880'	10	10	10	1.912	10	10	3.31 No	1.912	Thermal Discharging
SOU064	93	'6756340_/_6757046'	10	10	10	1.912	10	10	3.31 No	1.912	Thermal Discharging
SOU064	94	'6757270_/_6757238_3'	3.33	3.33	3.33	0.64	0.5	3.33	1.1 No	0.5	Element Fault
SOU064	95	'6756357_/_6756354'	10	10	10	1.912	10	10	3.31 No	1.912	Thermal Discharging
SOU064	96	'6756323_/_6756320_2'	10	10	10	1.912	4.7	10	3.31 No	1.912	Thermal Discharging
SOU064	97	'43983770_/_6756371'	10	10	10	1.912	10	10	3.31 No	1.912	Thermal Discharging
SOU064	98	'6756310_/_6757066'	10	10	10	1.912	4.7	10	3.31 No	1.912	Thermal Discharging
SOU064	99	'43983920_/_6757682'	3.33	3.33	3.33	0.64	0.5	3.33	1.1 No	0.5	Element Fault
SOU064	100	'6756394_/_6756391'	10	10	10	1.912	10	10	3.31 No	1.912	Thermal Discharging
SOU064	101	'6757348_/_6757358'	3.33	3.33	3.33	0.64	0.5	3.33	1.1 No	0.5	Element Fault
SOU064	102	'7460762_/_8723092_1'	10	10	10	1.912	1.5	10	3.31 No	1.5	Element Fault
SOU064	103	'6756411_/_6756408'	10	10	10	1.912	10	10	3.31 No	1.912	Thermal Discharging
SOU064	104	'43983909_/_6757539'	3.33	3.33	3.33	0.64	0.5	3.33	1.1 No	0.5	Element Fault
SOU064	105	'6756322_/_6756320_1'	10	10	10	1.912	1.5	10	3.31 No	1.5	Element Fault
SOU064	106	'6756431_/_6756428'	10	10	10	1.912	10	10	3.31 No	1.912	Thermal Discharging
SOU064	107	'6756297_/_6756307_2'	3.33	3.33	3.33	0.64	1.4	3.33	1.1 No	0.64	Thermal Discharging
SOU064	108	'6756448_/_6756445'	10	10	10	1.912	10	10	3.31 No	1.912	Thermal Discharging
SOU064	109	'43970351_/_6687273'	2.83	3.33	3.33	0.64	0.5	3.33	1.1 No	0.5	Element Fault
SOU064	110	'43983757_/_6756462'	10	10	10	1.912	10	10	3.31 No	1.912	Thermal Discharging
SOU064	111	'6756187_/_6756307_1'	3.33	3.33	3.33	0.64	0.5	3.33	1.1 No	0.5	Element Fault
SOU064	112	'6756482_/_43983759'	10	10	10	1.912	10	10	3.31 No	1.912	Thermal Discharging
SOU064	113	'6756568_/_6756565_2'	6.67	6.67	6.67	1.28	2.2	6.67	2.21 No	1.28	Thermal Discharging
SOU064	114	'6756499_/_6756496'	10	10	10	1.912	10	10	3.31 No	1.912	Thermal Discharging
SOU064	115	'6757335_/_6757345'	3.33	3.33	3.33	0.64	0.5	3.33	1.1 No	0.5	Element Fault
SOU064	116	'6757215_/_6757225'	3.33	3.33	3.33	0.64	0.5	3.33	1.1 No	0.5	Element Fault
SOU064	117	'6756516_/_6756513'	10	10	10	1.912	10	10	3.31 No	1.912	Thermal Discharging
SOU064	118	'6757555_/_43983911'	3.33	3.33	3.33	0.64	0.5	3.33	1.1 No	0.5	Element Fault
SOU064	119	'6757138_/_6757153'	10	10	10	1.912	1.5	10	3.31 No	1.5	Element Fault
SOU064	120	'43984297_/_6762453'	10	10	10	1.912	10	10	3.31 No	1.912	Thermal Discharging
SOU064	121	'7774622_/_9040273_1'	10	10	10	1.912	0.9	10	3.31 No	0.9	Element Fault
SOU064	122	'6756532_/_43984299'	10	10	10	1.912	10	10	3.31 No	1.912	Thermal Discharging
SOU064	123	'7774601_/_8723092_2'	10	10	10	1.912	1.5	10	3.31 No	1.5	Element Fault
SOU064	124	'6697519_/_43970487'	2.5	3.33	3.33	0.64	0.5	3.33	1.1 No	0.5	Element Fault
SOU064	125	'6756533_/_6756530'	10	10	10	1.912	10	10	3.31 No	1.912	Thermal Discharging
SOU064	126	'6756268_/_6756281'	3.33	3.33	3.33	0.64	0.5	3.33	1.1 No	0.5	Element Fault
SOU064	127	'43984284_/_6762487'	10	10	10	1.912	10	10	3.31 No	1.912	Thermal Discharging
SOU064	128	'6759797_/_43984286'	10	10	10	1.912	10	10	3.31 No	1.912	Thermal Discharging
SOU064	129	'43983795_/_6756184'	3.33	3.33	3.33	0.64	0.5	3.33	1.1 No	0.5	Element Fault
SOU064	130	'6757322_/_6757332'	3.33	3.33	3.33	0.64	0.5	3.33	1.1 No	0.5	Element Fault
SOU064	131	'43983560_/_6759795'	10	10	10	1.912	10	10	3.31 No	1.912	Thermal Discharging
SOU064	132	'9040276_/_9040273_2'	10	10	10	1.912	0.9	10	3.31 No	0.9	Element Fault
SOU064	133	'6757283_/_6757293'	3.33	3.33	3.33	0.64	0.5	3.33	1.1 No	0.5	Element Fault
SOU064	134	'6759815_/_6759812'	10	10	10	1.912	10	10	3.31 No	1.912	Thermal Discharging
SOU064	135	'6757526_/_6757565'	3.33	3.33	3.33	0.64	0.5	3.33	1.1 No	0.5	Element Fault
SOU064	136	'7774602_/_7774599'	10	10	10	1.912	1.5	10	3.31 No	1.5	Element Fault
SOU064	137	'6759832_/_6759829'	10	10	10	1.912	10	10	3.31 No	1.912	Thermal Discharging
SOU064	138	'43983862_/_43983864'	6.67	6.67	6.67	1.28	1	6.67	2.21 No	1	Element Fault
SOU064	139	'6756200_/_6756197'	3.33	3.33	3.33	0.64	0.5	3.33	1.1 No	0.5	Element Fault
SOU064	140	'6757214_/_6757212'	3.33	3.33	3.33	0.64	0.5	3.33	1.1 No	0.5	Element Fault
SOU064	141	'6755869_/_6759846'	10	10	10	1.912	10	10	3.31 No	1.912	Thermal Discharging
SOU064	142	'6756267_/_43983808'	3.33	3.33	3.33	0.64	0.5	3.33	1.1 No	0.5	Element Fault
SOU064	143	'43984380_/_6763919'	10	10	10	1.912	10	10	3.31 No	1.912	Thermal Discharging
SOU064	144	'6755870_/_6755887_1'	10	10	10	1.912	2.5	10	3.31 No	1.912	Thermal Discharging
SOU064	145	'6757525_/_6757523'	3.33	3.33	3.33	0.64	0.5	3.33	1.1 No	0.5	Element Fault
SOU064	146	'6763887_/_6763936'	10	10	10	1.912	10	10	3.31 No	1.912	Thermal Discharging
SOU064	147	'6757321_/_6757319'	3.33	3.33	3.33	0.64	0.5	3.33	1.1 No	0.5	Element Fault
SOU064	148	'6756550_/_6756565_1'	6.67	6.67	6.67	1.28	1	6.67	2.21 No	1	Element Fault
SOU064	149	'43984354_/_6763885'	10	10	10	1.912	10	10	3.31 No	1.912	Thermal Discharging
SOU064	150	'6763905_/_6763902'	10	10	10	1.912	10	10	3.31 No	1.912	Thermal Discharging
SOU064	151	'6757581_/_6757578'	3.33	3.33	3.33	0.64	0.5	3.33	1.1 No	0.5	Element Fault
SOU064	152	'43983656_/_7154165'	10	10	10	1.912	10	10	3.31 No	1.912	Thermal Discharging
SOU064	153	'43983850_/_43983852'	6.67	6.67	6.67	1.28	1	6.67	2.21 No	1	Element Fault
SOU064	154	'59154197_/_6759863_2'	10	10	10	1.912	10	10	3.31 No	1.912	Thermal Discharging
SOU064	155	'43983643_/_6759863_1'	10	10	10	1.912	10	10	3.31 No	1.912	Thermal Discharging
SOU064	156	'6760818_/_6760816'	3.33	3.33	3.33	0.64	0.5	3.33	1.1 No	0.5	Element Fault
SOU064	157	'6757743_/_9668840_1'	6.67	6.67	6.67	1.28	0.6	6.67	2.21 No	0.6	Element Fault
SOU064	158	'7100016_/_55227194'	10	10	10	1.912	10	10	3.31 No	1.912	Thermal Discharging
SOU064	159	'39400071_/_9668934_1'	10	10	10	1.912	10	10	3.31 No	1.912	Thermal Discharging
SOU064	160	'6763841_/_6763838'	3.33	3.33	3.33	0.64	0.5	3.33	1.1 No	0.5	Element Fault
SOU064	161	'7460953_/_9668934_2'	10	10	10	1.912	10	10	3.31 No	1.912	Thermal Discharging
SOU064	162	'6757282_/_6757280'	3.33	3.33	3.33	0.64	0.5	3.33	1.1 No	0.5	Element Fault
SOU064	163	'43749291_/_7100014'	10	10	10	1.912	10	10	3.31 No	1.912	Thermal Discharging
SOU064	164	'6757189_/_6757199'	3.33	3.33	3.33	0.64	0.5	3.33	1.1 No	0.5	Element Fault
SOU064	165	'9668843_/_9668840_2'	6.67	6.67	6.67	1.28	0.6	6.67	2.21 No	0.6	Element Fault
SOU064	166	'5623322_/_5623319'	10	10	10	1.912	10	10	3.31 No	1.912	Thermal Discharging
SOU064	167	'6755890_/_6755887_2'	10	10	10	1.912	2.5	10	3.31 No	1.912	Thermal Discharging
SOU064	168	'5623339_/_5623336'	10	10	10	1.912	10	10	3.31 No	1.912	Thermal Discharging
SOU064	169	'43983931_/_6757591'	3.33	3.33	3.33	0.64	0.5	3.33	1.1 No	0.5	Element Fault
SOU064	170	'43749228_/_5623353'	10	10	10	1.912	10	10	3.31 No	1.912	Thermal Discharging
SOU064	171	'5623373_/_5623370'	10	10	10	1.912	10	10	3.31 No	1.912	Thermal Discharging
SOU064	172	'6757697_/_6756547'	6.67	6.67	6.67	1.28	1	6.67	2.21 No	1	Element Fault
SOU064	173	'5624471_/_5625244'	10	10	10	1.912	10	10	3.31 No	1.912	Thermal Discharging
SOU064	174	'43752008_/_5624469'	10	10	10	1.912	10	10	3.31 No	1.912	Thermal Discharging
SOU064	175	'6756215_/_6756213_1'	3.33	3.33	3.33	0.64	0.3	3.33	1.1 No	0.3	Element Fault
SOU064	176	'6757510_/_6757604'	3.33	3.33	3.33	0.64	0.5	3.33	1.1 No	0.5	Element Fault
SOU064	177	'43752022_/_43752010'	10	10	10	1.912	10	10	3.31 No	1.912	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SOU064	178	'6755907_/_6755904'		10	10	10	1.912	2.5	10	3.31 No	1.912 Thermal Discharging
SOU064	179	'6757176_/_6757186'	3.33		3.33	3.33	0.64	0.5	3.33	1.1 No	0.5 Element Fault
SOU064	180	'43752035_/_5624503'		10	10	10	1.912	10	10	3.31 No	1.912 Thermal Discharging
SOU064	181	'70254448_/_6757759_1'		10	10	10	1.912	1.6	10	3.31 No	1.6 Element Fault
SOU064	182	'395778447_/_395778472'		10	10	10	1.912	10	10	3.31 No	1.912 Thermal Discharging
SOU064	183	'70254454_/_6757759_2'		10	10	10	1.912	1.6	10	3.31 No	1.6 Element Fault
SOU064	184	'5624526_/_624523'		10	10	10	1.912	10	10	3.31 No	1.912 Thermal Discharging
SOU064	185	'6757497_/_6757507'	3.33		3.33	3.33	0.64	0.5	3.33	1.1 No	0.5 Element Fault
SOU064	186	'43752048_/_5624540'		10	10	10	1.912	10	10	3.31 No	1.912 Thermal Discharging
SOU064	187	'7460781_/_9355120'		10	10	10	1.912	1.5	10	3.31 No	1.5 Element Fault
SOU064	188	'5624560_/_43752050'		10	10	10	1.912	10	10	3.31 No	1.912 Thermal Discharging
SOU064	189	'6755986_/_6757759_3'		10	10	10	1.912	1.6	10	3.31 No	1.6 Element Fault
SOU064	190	'5624577_/_5624574'		10	10	10	1.912	10	10	3.31 No	1.912 Thermal Discharging
SOU064	191	'6757620_/_6757617'	3.33		3.33	3.33	0.64	0.5	3.33	1.1 No	0.5 Element Fault
SOU064	192	'43752061_/_5631253'		10	10	10	1.912	10	10	3.31 No	1.912 Thermal Discharging
SOU064	193	'6756216_/_6756213_2'	3.33		3.33	3.33	0.64	0.3	3.33	1.1 No	0.3 Element Fault
SOU064	194	'5624593_/_5631270'		10	10	10	1.912	10	10	3.31 No	1.912 Thermal Discharging
SOU064	195	'6755924_/_6755921'		10	10	10	1.912	2.5	10	3.31 No	1.912 Thermal Discharging
SOU064	196	'43752074_/_5624591'		10	10	10	1.912	10	10	3.31 No	1.912 Thermal Discharging
SOU064	197	'43983942_/_6757494'	3.33		3.33	3.33	0.64	0.5	3.33	1.1 No	0.5 Element Fault
SOU064	198	'5624611_/_43752076'		10	10	10	1.912	10	10	3.31 No	1.912 Thermal Discharging
SOU064	199	'63697777_/_5625207'		10	10	10	1.912	10	10	3.31 No	1.912 Thermal Discharging
SOU064	200	'63697785_/_9612691_1'		10	10	10	1.912	10	10	3.31 No	1.912 Thermal Discharging
SOU064	201	'6757633_/_6757630'	3.33		3.33	3.33	0.64	0.5	3.33	1.1 No	0.5 Element Fault
SOU064	202	'6755844_/_6755955'		10	10	10	1.912	1.6	10	3.31 No	1.6 Element Fault
SOU064	203	'580313901_/_43983586_2'	3.33		3.33	3.33	0.64	0.53	3.33	1.1 No	0.53 Element Fault
SOU064	204	'6757175_/_43983876'	3.33		3.33	3.33	0.64	0.5	3.33	1.1 No	0.5 Element Fault
SOU064	205	'6756229_/_6756226'	3.33		3.33	3.33	0.64	0.3	3.33	1.1 No	0.3 Element Fault
SOU064	206	'6755987_/_6755984'		10	10	10	1.912	1.6	10	3.31 No	1.6 Element Fault
SOU064	207	'6757442_/_6757643'	3.33		3.33	3.33	0.64	0.5	3.33	1.1 No	0.5 Element Fault
SOU064	208	'6757659_/_6757669_1'	3.33		3.33	3.33	0.64	0.5	3.33	1.1 No	0.5 Element Fault
SOU064	209	'6757429_/_6757439'	3.33		3.33	3.33	0.64	0.5	3.33	1.1 No	0.5 Element Fault
SOU064	210	'6755941_/_6755938'		10	10	10	1.912	2.5	10	3.31 No	1.912 Thermal Discharging
SOU064	211	'6756038_/_6756035_2'	3.33		3.33	3.33	0.64	0.83	3.33	1.1 No	0.64 Thermal Discharging
SOU064	212	'43983584_/_43983586_1'	3.33		3.33	3.33	0.64	0.53	3.33	1.1 No	0.53 Element Fault
SOU064	213	'6756242_/_6756239'	3.33		3.33	3.33	0.64	0.3	3.33	1.1 No	0.3 Element Fault
SOU064	214	'7460782_/_7460779'		9.1	10	10	1.912	1.5	10	3.31 No	1.5 Element Fault
SOU064	215	'6757471_/_6757481'	3.33		3.33	3.33	0.64	0.5	3.33	1.1 No	0.5 Element Fault
SOU064	216	'6757672_/_6757669_2'	3.33		3.33	3.33	0.64	0.5	3.33	1.1 No	0.5 Element Fault
SOU064	217	'6760757_/_6760754'		10	10	10	1.912	2.5	10	3.31 No	1.912 Thermal Discharging
SOU064	218	'6756037_/_6756035_1'	3.33		3.33	3.33	0.64	0.5	3.33	1.1 No	0.5 Element Fault
SOU064	219	'6757416_/_6757426'	3.33		3.33	3.33	0.64	0.5	3.33	1.1 No	0.5 Element Fault
SOU064	220	'43984367_/_6763851'		10	10	10	1.912	1.6	10	3.31 No	1.6 Element Fault
SOU064	221	'7774742_/_8404184_1'		10	10	10	1.912	1.5	10	3.31 No	1.5 Element Fault
SOU064	222	'6757458_/_6757468'	2.67		3.33	3.33	0.64	0.5	3.33	1.1 No	0.5 Element Fault
SOU064	223	'613484916_/_9612691_2'		10	10	10	1.912	10	10	3.31 No	1.912 Thermal Discharging
SOU064	224	'6756255_/_6756252'	3.33		3.33	3.33	0.64	0.3	3.33	1.1 No	0.3 Element Fault
SOU064	225	'6750962_/_6764057'	3		3.33	3.33	0.64	0.5	3.33	1.1 No	0.5 Element Fault
SOU064	226	'8404187_/_8404184_2'		10	10	10	1.912	1.5	10	3.31 No	1.5 Element Fault
SOU064	227	'613486160_/_613484924'		10	10	10	1.912	10	10	3.31 No	1.912 Thermal Discharging
SOU064	228	'404487209_/_613485007'		10	10	10	1.912	10	10	3.31 No	1.912 Thermal Discharging
SOU064	229	'37924506_/_613485013'		10	10	10	1.912	10	10	3.31 No	1.912 Thermal Discharging
SOU064	230	'613486156_/_613485001'		10	10	10	1.912	10	10	3.31 No	1.912 Thermal Discharging
SOU064	231	'37924520_/_613485019'		10	10	10	1.912	4.6	10	3.31 No	1.912 Thermal Discharging
SOU064	232	'613484877_/_613484883'		10	10	10	1.912	10	10	3.31 No	1.912 Thermal Discharging
SOU064	233	'6756160_/_6760774'	3.33		3.33	3.33	0.64	0.83	3.33	1.1 No	0.64 Thermal Discharging
SOU064	234	'43983621_/_6763966'	3.33		3.33	3.33	0.64	0.5	3.33	1.1 No	0.5 Element Fault
SOU064	235	'613486070_/_613486465'		10	10	10	1.912	4.6	10	3.31 No	1.912 Thermal Discharging
SOU064	236	'6755827_/_6755825'	3.33		3.33	3.33	0.64	0.53	3.33	1.1 No	0.53 Element Fault
SOU064	237	'6757457_/_6757455'	2.33		3.33	3.33	0.64	0.5	3.33	1.1 No	0.5 Element Fault
SOU064	238	'6757403_/_6757413'	2.6		3.33	3.33	0.64	0.5	3.33	1.1 No	0.5 Element Fault
SOU064	239	'613486060_/_613486504'		10	10	10	1.912	4.6	10	3.31 No	1.912 Thermal Discharging
SOU064	240	'6756003_/_6763868'		10	10	10	1.912	1.6	10	3.31 No	1.6 Element Fault
SOU064	241	'6762440_/_6762437'	2.6		3.33	3.33	0.64	0.3	3.33	1.1 No	0.3 Element Fault
SOU064	242	'6750963_/_6750960'	2.43		3.33	3.33	0.64	0.5	3.33	1.1 No	0.5 Element Fault
SOU064	243	'6757782_/_6763953'	3.33		3.33	3.33	0.64	0.5	3.33	1.1 No	0.5 Element Fault
SOU064	244	'6756122_/_6756158'	3.33		3.33	3.33	0.64	0.83	3.33	1.1 No	0.64 Thermal Discharging
SOU064	245	'6757390_/_6757400'	2.33		3.33	3.33	0.64	0.5	3.33	1.1 No	0.5 Element Fault
SOU064	246	'6764034_/_6764044'	2.3		3.33	3.33	0.64	0.5	3.33	1.1 No	0.5 Element Fault
SOU064	247	'398775892_/_398775941'		10	10	10	1.912	1.5	10	3.31 No	1.5 Element Fault
SOU064	248	'6756134_/_6756145_1'	3.33		3.33	3.33	0.64	0.5	3.33	1.1 No	0.5 Element Fault
SOU064	249	'6750976_/_6750973'	2.2		3.33	3.33	0.64	0.5	3.33	1.1 No	0.5 Element Fault
SOU064	250	'6756093_/_6756103'	3.33		3.33	3.33	0.64	0.83	3.33	1.1 No	0.64 Thermal Discharging
SOU064	251	'6757389_/_6757387'	2.1		3.33	3.33	0.64	0.5	3.33	1.1 No	0.5 Element Fault
SOU064	252	'43982644_/_43982646'	2.1		3.33	3.33	0.64	0.5	3.33	1.1 No	0.5 Element Fault
SOU064	253	'580314602_/_6756090_2'	3.33		3.33	3.33	0.64	0.83	3.33	1.1 No	0.64 Thermal Discharging
SOU064	254	'6757781_/_6757779'	3.33		3.33	3.33	0.64	0.5	3.33	1.1 No	0.5 Element Fault
SOU064	255	'43984251_/_43984253'	2.97		3.33	3.33	0.64	0.53	3.33	1.1 No	0.53 Element Fault
SOU064	256	'43983595_/_6756001'	7.7		10	10	1.912	1.6	10	3.31 No	1.6 Element Fault
SOU064	257	'6750947_/_6750944_2'	2.07		3.33	3.33	0.64	0.5	3.33	1.1 No	0.5 Element Fault
SOU064	258	'6756148_/_6756145_2'	3.33		3.33	3.33	0.64	0.5	3.33	1.1 No	0.5 Element Fault
SOU064	259	'6750992_/_6750989'	1.97		3.33	3.33	0.64	0.5	3.33	1.1 No	0.5 Element Fault
SOU064	260	'43983632_/_6756090_1'	3.33		3.33	3.33	0.64	0.5	3.33	1.1 No	0.5 Element Fault
SOU064	261	'6750934_/_6750944_1'	1.9		3.33	3.33	0.64	0.5	3.33	1.1 No	0.5 Element Fault
SOU064	262	'455471636_/_7100054'	6.6		10	10	1.912	1.6	10	3.31 No	1.6 Element Fault
SOU064	263	'43984229_/_43984231'	3.33		3.33	3.33	0.64	0.5	3.33	1.1 No	0.5 Element Fault
SOU064	264	'6752577_/_6757886'	3.1		3.33	3.33	0.64	0.5	3.33	1.1 No	0.5 Element Fault
SOU064	265	'472733758_/_478771369'		10	10	10	1.912	4.6	10	3.31 No	1.912 Thermal Discharging
SOU064	266	'6751005_/_6751002'	1.83		3.33	3.33	0.64	0.5	3.33	1.1 No	0.5 Element Fault
SOU064	267	'6756731_/_6762533'	2.27		3.33	3.33	0.64	0.53	3.33	1.1 No	0.53 Element Fault
SOU064	268	'6756067_/_6756077'	2.83		3.33	3.33	0.64	0.5	3.33	1.1 No	0.5 Element Fault
SOU064	269	'6750921_/_6750931'	1.73		3.33	3.33	0.64	0.5	3.33	1.1 No	0.5 Element Fault
SOU064	270	'6752578_/_6752575'	2.57		3.33	3.33	0.64	0.5	3.33	1.1 No	0.5 Element Fault
SOU064	271	'6756861_/_6762559'	2.97		3.33	3.33	0.64	0.5	3.33	1.1 No	0.5 Element Fault

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Over-Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SOU064	272	'6756066'/_/6756064'		2.47	3.33	3.33	0.64	0.5	3.33	1.1 No	0.5 Element Fault
SOU064	273	'5616881'/_/455471638'		5.6	10	10	1.912	1.6	10	3.31 No	1.6 Element Fault
SOU064	274	'6750920'/_/6750918'		1.63	3.33	3.33	0.64	0.5	3.33	1.1 No	0.5 Element Fault
SOU064	275	'6756718'/_/6756728'		1.9	3.33	3.33	0.64	0.53	3.33	1.1 No	0.53 Element Fault
SOU064	276	'43983669'/_/6757033'		2.2	3.33	3.33	0.64	0.5	3.33	1.1 No	0.5 Element Fault
SOU064	277	'6752591'/_/6752588'		2.17	3.33	3.33	0.64	0.5	3.33	1.1 No	0.5 Element Fault
SOU064	278	'43984452'/_/6762647'		2.13	3.33	3.33	0.64	0.5	3.33	1.1 No	0.5 Element Fault
SOU064	279	'6756848'/_/6756858'		2.3	3.33	3.33	0.64	0.5	3.33	1.1 No	0.5 Element Fault
SOU064	280	'478771449'/_/478771412'		8.4	10	10	1.912	4.6	10	3.31 No	1.912 Thermal Discharging
SOU064	281	'5616882'/_/5616879'		4.9	10	10	1.912	1.6	10	3.31 No	1.6 Element Fault
SOU064	282	'6762663'/_/6762660'		1.93	3.33	3.33	0.64	0.5	3.33	1.1 No	0.5 Element Fault
SOU064	283	'6757007'/_/6757020'		1.87	3.33	3.33	0.64	0.5	3.33	1.1 No	0.5 Element Fault
SOU064	284	'43749241'/_/5616896'		4.5	10	10	1.912	1.6	10	3.31 No	1.6 Element Fault
SOU064	285	'6756847'/_/6756845'		2	3.33	3.33	0.64	0.5	3.33	1.1 No	0.5 Element Fault
SOU064	286	'6761435'/_/6761432'		1.87	3.33	3.33	0.64	0.5	3.33	1.1 No	0.5 Element Fault
SOU064	287	'43984262'/_/43984264'		1.57	3.33	3.33	0.64	0.53	3.33	1.1 No	0.53 Element Fault
SOU064	288	'6762742'/_/6762727'		1.77	3.33	3.33	0.64	0.5	3.33	1.1 No	0.5 Element Fault
SOU064	289	'6756994'/_/6757004'		1.7	3.33	3.33	0.64	0.5	3.33	1.1 No	0.5 Element Fault
SOU064	290	'6764133'/_/6764130'		1.67	3.33	3.33	0.64	0.5	3.33	1.1 No	0.5 Element Fault
SOU064	291	'43749254'/_/5616913'		4.1	10	10	1.912	1.6	10	3.31 No	1.6 Element Fault
SOU064	292	'43984240'/_/6763825'		1.77	3.33	3.33	0.64	0.5	3.33	1.1 No	0.5 Element Fault
SOU064	293	'6762743'/_/6762740'		1.67	3.33	3.33	0.64	0.5	3.33	1.1 No	0.5 Element Fault
SOU064	294	'6752603'/_/6761445'		1.63	3.33	3.33	0.64	0.5	3.33	1.1 No	0.5 Element Fault
SOU064	295	'43983680'/_/43983682'		1.57	3.33	3.33	0.64	0.5	3.33	1.1 No	0.5 Element Fault
SOU064	296	'6762523'/_/6756715'		1.4	3.33	3.33	0.64	0.53	3.33	1.1 No	0.53 Element Fault
SOU064	297	'43749267'/_/43749256'		3.8	10	10	1.912	1.6	10	3.31 No	1.6 Element Fault
SOU064	298	'6762756'/_/6762753'		1.5	3.33	3.33	0.64	0.5	3.33	1.1 No	0.5 Element Fault
SOU064	299	'6746770'/_/6752601'		1.53	3.33	3.33	0.64	0.5	3.33	1.1 No	0.5 Element Fault
SOU064	300	'6756835'/_/6763812'		1.57	3.33	3.33	0.64	0.5	3.33	1.1 No	0.5 Element Fault
SOU064	301	'38035230'/_/9077689'		7.7	10	10	1.912	10	10	3.31 No	1.912 Thermal Discharging
SOU064	302	'404545768'/_/38035227'		7.7	10	10	1.912	10	10	3.31 No	1.912 Thermal Discharging
SOU064	303	'38035265'/_/38035262'		7.7	10	10	1.912	4.6	10	3.31 No	1.912 Thermal Discharging
SOU064	304	'38035223'/_/38035220'		7.7	10	10	1.912	10	10	3.31 No	1.912 Thermal Discharging
SOU064	305	'220728377'/_/7499138_2'		7.5	10	10	1.912	10	10	3.31 No	1.912 Thermal Discharging
SOU064	306	'5624222'/_/7499138_1'		7.5	10	10	1.912	10	10	3.31 No	1.912 Thermal Discharging
SOU064	307	'6756968'/_/6756978'		1.43	3.33	3.33	0.64	0.5	3.33	1.1 No	0.5 Element Fault
SOU064	308	'5624205'/_/5624219'		7.4	10	10	1.912	10	10	3.31 No	1.912 Thermal Discharging
SOU064	309	'5624188'/_/5624202'		7.4	10	10	1.912	10	10	3.31 No	1.912 Thermal Discharging
SOU064	310	'43984273'/_/43984275'		1.27	3.33	3.33	0.64	0.53	3.33	1.1 No	0.53 Element Fault
SOU064	311	'43750977'/_/5624185'		7.3	10	10	1.912	10	10	3.31 No	1.912 Thermal Discharging
SOU064	312	'6756822'/_/6756832'		1.5	3.33	3.33	0.64	0.5	3.33	1.1 No	0.5 Element Fault
SOU064	313	'5624154'/_/5624168'		7.3	10	10	1.912	10	10	3.31 No	1.912 Thermal Discharging
SOU064	314	'5621346'/_/43749269'		3.5	10	10	1.912	1.6	10	3.31 No	1.6 Element Fault
SOU064	315	'43750990'/_/5624151'		7.3	9.9	10	1.912	10	10	3.31 No	1.912 Thermal Discharging
SOU064	316	'5624120'/_/5624134'		7.2	9.8	10	1.912	10	10	3.31 No	1.912 Thermal Discharging
SOU064	317	'7155983'/_/7155980'		1.37	3.33	3.33	0.64	0.5	3.33	1.1 No	0.5 Element Fault
SOU064	318	'5624100'/_/5624117'		7.2	9.8	10	1.912	10	10	3.31 No	1.912 Thermal Discharging
SOU064	319	'6746757'/_/6746767'		1.4	3.33	3.33	0.64	0.5	3.33	1.1 No	0.5 Element Fault
SOU064	320	'43984393'/_/6762605'		1.37	3.33	3.33	0.64	0.5	3.33	1.1 No	0.5 Element Fault
SOU064	321	'43750712'/_/43750714'		7.1	9.6	10	1.912	10	10	3.31 No	1.912 Thermal Discharging
SOU064	322	'6756955'/_/6756965'		1.33	3.33	3.33	0.64	0.5	3.33	1.1 No	0.5 Element Fault
SOU064	323	'5624066'/_/5624080'		7.1	9.5	10	1.912	10	10	3.31 No	1.912 Thermal Discharging
SOU064	324	'6752617'/_/6752614'		1.37	3.33	3.33	0.64	0.5	3.33	1.1 No	0.5 Element Fault
SOU064	325	'660440789'/_/6752627'		1.37	3.33	3.33	0.64	0.5	3.33	1.1 No	0.5 Element Fault
SOU064	326	'43750699'/_/5624063'		7	9.4	10	1.912	10	10	3.31 No	1.912 Thermal Discharging
SOU064	327	'6756705'/_/6762507'		1.17	3.33	3.33	0.64	0.53	3.33	1.1 No	0.53 Element Fault
SOU064	328	'5624032'/_/5624046'		7	9.3	10	1.912	10	10	3.31 No	1.912 Thermal Discharging
SOU064	329	'6746728'/_/6746754'		1.33	3.33	3.33	0.64	0.5	3.33	1.1 No	0.5 Element Fault
SOU064	330	'587834670'/_/5621344_1'		3.2	9.8	10	1.912	1.6	10	3.31 No	1.6 Element Fault
SOU064	331	'5624015'/_/5624029'		6.9	9.3	10	1.912	10	10	3.31 No	1.912 Thermal Discharging
SOU064	332	'5621347'/_/5621344_2'		3.2	9.8	10	1.912	1.6	10	3.31 No	1.6 Element Fault
SOU064	333	'6756809'/_/6756819'		1.37	3.33	3.33	0.64	0.5	3.33	1.1 No	0.5 Element Fault
SOU064	334	'43750725'/_/5624012'		6.9	9.2	10	1.912	10	10	3.31 No	1.912 Thermal Discharging
SOU064	335	'6746715'/_/6746725'		1.3	3.33	3.33	0.64	0.5	3.33	1.1 No	0.5 Element Fault
SOU064	336	'5624347'/_/5624344'		3.2	9.7	10	1.912	1.6	10	3.31 No	1.6 Element Fault
SOU064	337	'43752100'/_/5624361'		3.2	9.7	10	1.912	1.6	10	3.31 No	1.6 Element Fault
SOU064	338	'5623981'/_/5623995'		6.8	9.1	10	1.912	10	10	3.31 No	1.912 Thermal Discharging
SOU064	339	'6762621'/_/6762618'		1.3	3.33	3.33	0.64	0.5	3.33	1.1 No	0.5 Element Fault
SOU064	340	'5624381'/_/43752102'		3.2	9.6	10	1.912	1.6	10	3.31 No	1.6 Element Fault
SOU064	341	'43750738'/_/5623978'		6.8	9	10	1.912	10	10	3.31 No	1.912 Thermal Discharging
SOU064	342	'5624398'/_/5624395'		3.2	9.6	10	1.912	1.6	10	3.31 No	1.6 Element Fault
SOU064	343	'6746740'/_/6746738'		1.27	3.33	3.33	0.64	0.5	3.33	1.1 No	0.5 Element Fault
SOU064	344	'6746702'/_/6746712'		1.27	3.33	3.33	0.64	0.5	3.33	1.1 No	0.5 Element Fault
SOU064	345	'5623947'/_/5623961'		6.7	8.9	10	1.912	10	10	3.31 No	1.912 Thermal Discharging
SOU064	346	'5621366'/_/5624412'		3.2	9.6	10	1.912	1.6	10	3.31 No	1.6 Element Fault
SOU064	347	'5623930'/_/5623944'		6.7	8.8	10	1.912	10	10	3.31 No	1.912 Thermal Discharging
SOU064	348	'5623910'/_/5623927'		6.7	8.8	10	1.912	10	10	3.31 No	1.912 Thermal Discharging
SOU064	349	'55004846'/_/5623907'		6.6	8.8	10	1.912	10	10	3.31 No	1.912 Thermal Discharging
SOU064	350	'43983691'/_/6756952'		1.2	3.33	3.33	0.64	0.5	3.33	1.1 No	0.5 Element Fault
SOU064	351	'43750751'/_/5623870'		6.6	8.7	10	1.912	10	10	3.31 No	1.912 Thermal Discharging
SOU064	352	'43750777'/_/5623887'		6.6	8.8	10	1.912	10	10	3.31 No	1.912 Thermal Discharging
SOU064	353	'5623833'/_/5623853'		6.6	8.6	10	1.912	10	10	3.31 No	1.912 Thermal Discharging
SOU064	354	'6749808'/_/6749818'		1.23	3.33	3.33	0.64	0.5	3.33	1.1 No	0.5 Element Fault
SOU064	355	'5619785'/_/5619783_1'		2.2	2.9	3.33	0.64	0.5	3.33	1.1 No	0.5 Element Fault
SOU064	356	'43983724'/_/43983726'		1.27	3.33	3.33	0.64	0.5	3.33	1.1 No	0.5 Element Fault
SOU064	357	'5619773'/_/5623830'		6.6	8.6	10	1.912	10	10	3.31 No	1.912 Thermal Discharging
SOU064	358	'6756692'/_/6756702'		1.1	3.33	3.33	0.64	0.53	3.33	1.1 No	0.53 Element Fault
SOU064	359	'5619608'/_/5619770'		6.5	8.6	10	1.912	10	10	3.31 No	1.912 Thermal Discharging
SOU064	360	'51490910'/_/51490875_1'		6.5	8.6	10	1.912	10	10	3.31	

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SOU064	366	'43981096_/43981098'	1.2	3.33	3.33	0.64	0.5	3.33	1.1 No	0.5 Element Fault	
SOU064	367	'5621367_/5621364'	3	9.1	10	1.912	1.6	10	3.31 No	1.6 Element Fault	
SOU064	368	'43750790_/5619783_2'	2.27	2.83	3.33	0.64	0.5	3.33	1.1 No	0.5 Element Fault	
SOU064	369	'43750644_/43750646_1'	2.23	2.8	3.33	0.64	0.5	3.33	1.1 No	0.5 Element Fault	
SOU064	370	'55075658_/55075342_2'	6.2	8.4	10	1.912	10	10	3.31 No	1.912 Thermal Discharging	
SOU064	371	'5619786_/5619799_1'	2.27	2.8	3.33	0.64	0.5	3.33	1.1 No	0.5 Element Fault	
SOU064	372	'72366969_/55075666_1'	6.2	8.4	10	1.912	10	10	3.31 No	1.912 Thermal Discharging	
SOU064	373	'55075661_/55075666_2'	6.2	8.4	10	1.912	10	10	3.31 No	1.912 Thermal Discharging	
SOU064	374	'5623484_/55075376'	6.1	8.3	10	1.912	10	10	3.31 No	1.912 Thermal Discharging	
SOU064	375	'43749518_/5623481'	6.1	8.3	10	1.912	10	10	3.31 No	1.912 Thermal Discharging	
SOU064	376	'6756679_/6756689'	1.03	3.17	3.33	0.64	0.53	3.33	1.1 No	0.53 Element Fault	
SOU064	377	'5623463_/5623461'	6.1	8.3	10	1.912	10	10	3.31 No	1.912 Thermal Discharging	
SOU064	378	'37924247_/51490875_2'	5.9	8	10	1.912	10	10	3.31 No	1.912 Thermal Discharging	
SOU064	379	'404487025_/37924244'	5.9	8	10	1.912	10	10	3.31 No	1.912 Thermal Discharging	
SOU064	380	'37924226_/37924230'	5.9	8	10	1.912	10	10	3.31 No	1.912 Thermal Discharging	
SOU064	381	'37924261_/37924258'	5.9	8	10	1.912	5.2	10	3.31 No	1.912 Thermal Discharging	
SOU064	382	'37924275_/37924272'	5.9	8	10	1.912	4.9	10	3.31 No	1.912 Thermal Discharging	
SOU064	383	'5623518_/5623532'	6	8.3	10	1.912	10	10	3.31 No	1.912 Thermal Discharging	
SOU064	384	'5619569_/5619579'	2.27	2.73	3.33	0.64	0.5	3.33	1.1 No	0.5 Element Fault	
SOU064	385	'6746673_/6746686'	1.17	3.33	3.33	0.64	0.5	3.33	1.1 No	0.5 Element Fault	
SOU064	386	'6756783_/6756793'	1.2	3.23	3.33	0.64	0.5	3.33	1.1 No	0.5 Element Fault	
SOU064	387	'43749531_/5623515'	6	8.2	10	1.912	10	10	3.31 No	1.912 Thermal Discharging	
SOU064	388	'5619621_/5619618'	2.3	2.7	3.33	0.64	0.5	3.33	1.1 No	0.5 Element Fault	
SOU064	389	'5619802_/5619799_2'	2.27	2.73	3.33	0.64	0.5	3.33	1.1 No	0.5 Element Fault	
SOU064	390	'5623500_/5623498'	6	8.2	10	1.912	10	10	3.31 No	1.912 Thermal Discharging	
SOU064	391	'5621384_/5621381'	2.8	8.6	10	1.912	1.6	10	3.31 No	1.6 Element Fault	
SOU064	392	'6756929_/6756939'	1.1	3.2	3.33	0.64	0.5	3.33	1.1 No	0.5 Element Fault	
SOU064	393	'43987759_/5625838'	5.9	8.2	10	1.912	10	10	3.31 No	1.912 Thermal Discharging	
SOU064	394	'43980867_/43980869'	1.13	3.3	3.33	0.64	0.5	3.33	1.1 No	0.5 Element Fault	
SOU064	395	'6776077_/7100213'	5.9	8.2	10	1.912	10	10	3.31 No	1.912 Thermal Discharging	
SOU064	396	'52860660_/52860675'	3.4	4.93	6.67	1.28	3.47	6.67	2.21 No	1.28 Thermal Discharging	
SOU064	397	'52859257_/8044832'	5.6	7.8	10	1.912	5.2	10	3.31 No	1.912 Thermal Discharging	
SOU064	398	'55003593_/6762782'	1.1	3.23	3.33	0.64	0.5	3.33	1.1 No	0.5 Element Fault	
SOU064	399	'6776060_/6776074'	5.9	8.2	10	1.912	10	10	3.31 No	1.912 Thermal Discharging	
SOU064	400	'5619556_/5619566'	2.33	2.67	3.33	0.64	0.5	3.33	1.1 No	0.5 Element Fault	
SOU064	401	'43987517_/6776057'	5.9	8.1	10	1.912	10	10	3.31 No	1.912 Thermal Discharging	
SOU064	402	'6756916_/6756926'	1.07	3.13	3.33	0.64	0.5	3.33	1.1 No	0.5 Element Fault	
SOU064	403	'37924331_/9301220'	5.5	7.7	10	1.912	4.9	10	3.31 No	1.912 Thermal Discharging	
SOU064	404	'404487145_/37924335'	5.5	7.7	10	1.912	4.9	10	3.31 No	1.912 Thermal Discharging	
SOU064	405	'37924345_/37924342'	5.5	7.7	10	1.912	4.9	10	3.31 No	1.912 Thermal Discharging	
SOU064	406	'37924359_/37924363'	5.5	7.7	10	1.912	4.9	10	3.31 No	1.912 Thermal Discharging	
SOU064	407	'404487146_/404487143'	5.5	7.7	10	1.912	4.9	10	3.31 No	1.912 Thermal Discharging	
SOU064	408	'6776026_/6776040'	5.8	8.1	10	1.912	10	10	3.31 No	1.912 Thermal Discharging	
SOU064	409	'6746660_/6746670'	1.1	3.3	3.33	0.64	0.5	3.33	1.1 No	0.5 Element Fault	
SOU064	410	'6776025_/6776023'	5.8	8.1	10	1.912	10	10	3.31 No	1.912 Thermal Discharging	
SOU064	411	'6773475_/6776091'	5.8	8.1	10	1.912	10	10	3.31 No	1.912 Thermal Discharging	
SOU064	412	'632871126_/43987225'	5.8	8.1	10	1.912	10	10	3.31 No	1.912 Thermal Discharging	
SOU064	413	'43983735_/6756676'	0.97	2.97	3.33	0.64	0.53	3.33	1.1 No	0.53 Element Fault	
SOU064	414	'5631362_/5631359_1'	2.4	2.6	3.33	0.64	0.5	3.33	1.1 No	0.5 Element Fault	
SOU064	415	'5619815_/5619812'	2.07	2.63	3.33	0.64	0.5	3.33	1.1 No	0.5 Element Fault	
SOU064	416	'587834636_/6773459_1'	1.93	2.7	3.33	0.64	0.5	3.33	1.1 No	0.5 Element Fault	
SOU064	417	'43750655_/5631359_2'	2.4	2.6	3.33	0.64	0.5	3.33	1.1 No	0.5 Element Fault	
SOU064	418	'6775971_/6776003'	5.8	8.1	10	1.912	10	10	3.31 No	1.912 Thermal Discharging	
SOU064	419	'43750589_/5619553'	2.37	2.6	3.33	0.64	0.5	3.33	1.1 No	0.5 Element Fault	
SOU064	420	'72366838_/6775969_1'	5.8	8.1	10	1.912	2.5	10	3.31 No	1.912 Thermal Discharging	
SOU064	421	'43752113_/5621398'	2.7	8.1	10	1.912	1.6	10	3.31 No	1.6 Element Fault	
SOU064	422	'6775972_/6775969_2'	5.8	8.1	10	1.912	2.5	10	3.31 No	1.912 Thermal Discharging	
SOU064	423	'419043940_/140644'	5.3	7.6	10	1.912	10	10	3.31 No	1.912 Thermal Discharging	
SOU064	424	'393788725_/52859537'	5.1	7.4	10	1.912	5.2	10	3.31 No	1.912 Thermal Discharging	
SOU064	425	'6756770_/6756780'	1.1	3	3.33	0.64	0.5	3.33	1.1 No	0.5 Element Fault	
SOU064	426	'52860678_/393788795'	5.1	7.4	10	1.912	5.2	10	3.31 No	1.912 Thermal Discharging	
SOU064	427	'43983702_/6756913'	1.03	3	3.33	0.64	0.5	3.33	1.1 No	0.5 Element Fault	
SOU064	428	'6746659_/43981087'	1.07	3.17	3.33	0.64	0.5	3.33	1.1 No	0.5 Element Fault	
SOU064	429	'5619841_/5619825'	1.97	2.57	3.33	0.64	0.5	3.33	1.1 No	0.5 Element Fault	
SOU064	430	'6773327_/6775986'	5.5	7.9	10	1.912	2.5	10	3.31 No	1.912 Thermal Discharging	
SOU064	431	'8667066_/9301240'	5	7.3	10	1.912	4.9	10	3.31 No	1.912 Thermal Discharging	
SOU064	432	'5619461_/5619459'	2.23	2.53	3.33	0.64	0.5	3.33	1.1 No	0.5 Element Fault	
SOU064	433	'6749769_/6749779'	1.03	3.03	3.33	0.64	0.5	3.33	1.1 No	0.5 Element Fault	
SOU064	434	'6773446_/6773459_2'	1.97	2.6	3.33	0.64	0.5	3.33	1.1 No	0.5 Element Fault	
SOU064	435	'7721215_/7721212'	5	7.3	10	1.912	4.9	10	3.31 No	1.912 Thermal Discharging	
SOU064	436	'43752126_/5621415'	2.6	7.9	10	1.912	1.6	10	3.31 No	1.6 Element Fault	
SOU064	437	'5619854_/5619851'	1.9	2.53	3.33	0.64	0.5	3.33	1.1 No	0.5 Element Fault	
SOU064	438	'580313945_/9301334_1'	2.6	7.9	10	1.912	0.9	10	3.31 No	0.9 Element Fault	
SOU064	439	'52860412_/52860657'	4.9	7.2	10	1.912	5.2	10	3.31 No	1.912 Thermal Discharging	
SOU064	440	'52860375_/52860409'	4.9	7.2	10	1.912	5.2	10	3.31 No	1.912 Thermal Discharging	
SOU064	441	'52860388_/52860385'	4.9	7.2	10	1.912	5.2	10	3.31 No	1.912 Thermal Discharging	
SOU064	442	'52860399_/52860403'	4.9	7.2	10	1.912	5.2	10	3.31 No	1.912 Thermal Discharging	
SOU064	443	'450503470_/407872610_2'	4.9	7.3	10	1.912	5.5	10	3.31 No	1.912 Thermal Discharging	
SOU064	444	'410174500_/407872610_1'	4.9	7.3	10	1.912	5.5	10	3.31 No	1.912 Thermal Discharging	
SOU064	445	'43749383_/5617091'	4.9	7.3	10	1.912	5.5	10	3.31 No	1.912 Thermal Discharging	
SOU064	446	'52860376_/52860373'	4.9	7.1	10	1.912	5.2	10	3.31 No	1.912 Thermal Discharging	
SOU064	447	'5619475_/5619472'	2.17	2.5	3.33	0.64	0.5	3.33	1.1 No	0.5 Element Fault	
SOU064	448	'52860654_/52860640_2'	4.8	7.1	10	1.912	5.2	10	3.31 No	1.912 Thermal Discharging	
SOU064	449	'5619636_/43750657'	2.17	2.5	3.33	0.64	0.5	3.33	1.1 No	0.5 Element Fault	
SOU064	450	'5617863_/410174498'	4.9	7.3	10	1.912	5.5	10	3.31 No	1.912 Thermal Discharging	
SOU064	451	'43750805_/5619864'	1.87	2.53	3.33	0.64	0.5	3.33	1.1 No	0.5 Element Fault	
SOU064	452	'9301337_/9301334_2'	2.5	7.8	10	1.912	0.9	10	3.31 No	0.9 Element Fault	
SOU064	453	'5619984_/5619981'	1.87	2.5	3.33	0.64	0.5	3.33	1.1 No	0.5 Element Fault	
SOU064	454	'52860242_/52860211_1'	4.9	7.3	10	1.912	3.2	10	3.31 No	1.912 Thermal Discharging	
SOU064	455	'43749701_/5617861'	4.9	7.3	10	1.912	5.5	10	3.31 No	1.912 Thermal Discharging	
SOU064	456	'5617328_/5617340'	5	7.3	10	1.912	5.5	10	3.31 No	1.912 Thermal Discharging	
SOU064	457	'6756653_/6756663'	0.9	2.77	3.33	0.64	0.53	3.33	1.1 No	0.53 Element Fault	
SOU064	458	'43987177_/6773324'	3.73	5.07	6.67	1.28	1.67	6.67	2.21 No	1.28 Thermal Discharging	
SOU064	459	'6756890_/6756900'	0.97	2.87	3.33	0.64	0.5	3.33	1.1 No	0.5 Element Fault	

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
											VSR (MW)	Limiting Threshold
SOU064	460	'5617313_/_5617325'		5	7.3	10	1.912	5.5	10	3.31 No	1.912	Thermal Discharging
SOU064	461	'43983817_/_6756767'		1.03	2.83	3.33	0.64	0.5	3.33	1.1 No	0.5	Element Fault
SOU064	462	'43749577_/_52860640_1'		4.7	7	10	1.912	1.5	10	3.31 No	1.5	Element Fault
SOU064	463	'6748102_/_6773345'		5.1	7.6	10	1.912	2.5	10	3.31 No	1.912	Thermal Discharging
SOU064	464	'43987234_/_6773443'		2	2.53	3.33	0.64	0.5	3.33	1.1 No	0.5	Element Fault
SOU064	465	'43749395_/_5617310'		4.9	7.3	10	1.912	5.5	10	3.31 No	1.912	Thermal Discharging
SOU064	466	'6770734_/_7100135'		4.9	7.2	10	1.912	5.5	10	3.31 No	1.912	Thermal Discharging
SOU064	467	'580314502_/_580309188_2'		3.27	4.8	6.67	1.28	2.2	6.67	2.21 No	1.28	Thermal Discharging
SOU064	468	'580314158_/_419043902_1'		4.9	7.2	10	1.912	5.3	10	3.31 No	1.912	Thermal Discharging
SOU064	469	'5619637_/_5619634'		2.03	2.43	3.33	0.64	0.5	3.33	1.1 No	0.5	Element Fault
SOU064	470	'580309190_/_580309188_1'		3.2	4.73	6.67	1.28	2.2	6.67	2.21 No	1.28	Thermal Discharging
SOU064	471	'6748177_/_6773308'		1.87	2.47	3.33	0.64	0.83	3.33	1.1 No	0.64	Thermal Discharging
SOU064	472	'6773365_/_6773362'		1.9	2.47	3.33	0.64	0.83	3.33	1.1 No	0.64	Thermal Discharging
SOU064	473	'43750812_/_5619994'		1.77	2.43	3.33	0.64	0.5	3.33	1.1 No	0.5	Element Fault
SOU064	474	'5619880_/_43750803'		1.77	2.43	3.33	0.64	0.5	3.33	1.1 No	0.5	Element Fault
SOU064	475	'6756889_/_6756887'		0.93	2.77	3.33	0.64	0.5	3.33	1.1 No	0.5	Element Fault
SOU064	476	'6748085_/_6748099'		4.9	7.3	10	1.912	2.5	10	3.31 No	1.912	Thermal Discharging
SOU064	477	'5619488_/_5619485'		2	2.43	3.33	0.64	0.5	3.33	1.1 No	0.5	Element Fault
SOU064	478	'6749753_/_6749766'		0.97	2.83	3.33	0.64	0.5	3.33	1.1 No	0.5	Element Fault
SOU064	479	'5617882_/_5617879'		3.13	4.67	6.67	1.28	2.5	6.67	2.21 No	1.28	Thermal Discharging
SOU064	480	'379173277_/_52860471_2'		4.5	6.8	10	1.912	5.2	10	3.31 No	1.912	Thermal Discharging
SOU064	481	'8358490_/_8667079'		2.6	4.2	6.67	1.28	3.27	6.67	2.21 No	1.28	Thermal Discharging
SOU064	482	'5618270_/_52860471_1'		4.5	6.8	10	1.912	3.3	10	3.31 No	1.912	Thermal Discharging
SOU064	483	'8044891_/_9301260'		3.9	6.4	10	1.912	4.9	10	3.31 No	1.912	Thermal Discharging
SOU064	484	'6771778_/_6773430'		2.07	2.47	3.33	0.64	0.5	3.33	1.1 No	0.5	Element Fault
SOU064	485	'43749862_/_5618268'		4.5	6.8	10	1.912	3.3	10	3.31 No	1.912	Thermal Discharging
SOU064	486	'5617135_/_5622949'		4.5	6.8	10	1.912	3.3	10	3.31 No	1.912	Thermal Discharging
SOU064	487	'6756744_/_6756754'		1	2.7	3.33	0.64	0.5	3.33	1.1 No	0.5	Element Fault
SOU064	488	'410174540_/_5617894_1'		3.07	4.6	6.67	1.28	1.1	6.67	2.21 No	1.1	Element Fault
SOU064	489	'419043865_/_419043902_2'		4.6	7	10	1.912	5.3	10	3.31 No	1.912	Thermal Discharging
SOU064	490	'5619650_/_5619647'		1.93	2.37	3.33	0.64	0.5	3.33	1.1 No	0.5	Element Fault
SOU064	491	'394940362_/_5618288_1'		4.4	6.8	10	1.912	3.3	10	3.31 No	1.912	Thermal Discharging
SOU064	492	'43983746_/_6756650'		0.87	2.63	3.33	0.64	0.53	3.33	1.1 No	0.53	Element Fault
SOU064	493	'5618291_/_5618288_2'		4.4	6.8	10	1.912	3.3	10	3.31 No	1.912	Thermal Discharging
SOU064	494	'8096096_/_8096094'		4.6	7	10	1.912	5.3	10	3.31 No	1.912	Thermal Discharging
SOU064	495	'52860065_/_52860211_2'		4.5	6.9	10	1.912	3.2	10	3.31 No	1.912	Thermal Discharging
SOU064	496	'52860064_/_52859942'		4.5	6.9	10	1.912	3.2	10	3.31 No	1.912	Thermal Discharging
SOU064	497	'6748033_/_6748082'		4.7	7.2	10	1.912	2.5	10	3.31 No	1.912	Thermal Discharging
SOU064	498	'5617621_/_43749579'		4.4	6.7	10	1.912	1.5	10	3.31 No	1.5	Element Fault
SOU064	499	'43986002_/_6770731'		3.07	4.67	6.67	1.28	2.2	6.67	2.21 No	1.28	Thermal Discharging
SOU064	500	'5616180_/_5616177'		1.7	2.37	3.33	0.64	0.5	3.33	1.1 No	0.5	Element Fault
SOU064	501	'6748018_/_6774094_3'		1.57	2.37	3.33	0.64	0.83	3.33	1.1 No	0.64	Thermal Discharging
SOU064	502	'410174718_/_6776822_2'		1.53	2.33	3.33	0.64	1.1	3.33	1.1 No	0.64	Thermal Discharging
SOU064	503	'6748005_/_6774094_2'		1.57	2.37	3.33	0.64	0.5	3.33	1.1 No	0.5	Element Fault
SOU064	504	'6763464_/_6763474'		0.9	2.7	3.33	0.64	0.5	3.33	1.1 No	0.5	Element Fault
SOU064	505	'6747992_/_6774094_1'		1.57	2.37	3.33	0.64	0.5	3.33	1.1 No	0.5	Element Fault
SOU064	506	'6749740_/_6749750'		0.93	2.73	3.33	0.64	0.5	3.33	1.1 No	0.5	Element Fault
SOU064	507	'43987530_/_6773375'		1.77	2.37	3.33	0.64	0.83	3.33	1.1 No	0.64	Thermal Discharging
SOU064	508	'6771765_/_6771775'		2.03	2.4	3.33	0.64	0.5	3.33	1.1 No	0.5	Element Fault
SOU064	509	'43987188_/_43987190'		1.93	2.37	3.33	0.64	0.83	3.33	1.1 No	0.64	Thermal Discharging
SOU064	510	'8096116_/_8723464'		4.4	6.8	10	1.912	5.3	10	3.31 No	1.912	Thermal Discharging
SOU064	511	'52860270_/_52860343'		4.2	6.5	10	1.912	5.2	10	3.31 No	1.912	Thermal Discharging
SOU064	512	'8096117_/_8096114'		4.4	6.8	10	1.912	5.3	10	3.31 No	1.912	Thermal Discharging
SOU064	513	'55075629_/_8358488'		3.9	6.5	10	1.912	4.9	10	3.31 No	1.912	Thermal Discharging
SOU064	514	'6748034_/_6748031'		4.5	6.9	10	1.912	2.5	10	3.31 No	1.912	Thermal Discharging
SOU064	515	'43750666_/_5619660'		1.83	2.3	3.33	0.64	0.5	3.33	1.1 No	0.5	Element Fault
SOU064	516	'43750834_/_43750836'		1.63	2.33	3.33	0.64	0.5	3.33	1.1 No	0.5	Element Fault
SOU064	517	'587834260_/_6771762_2'		1.97	2.37	3.33	0.64	0.5	3.33	1.1 No	0.5	Element Fault
SOU064	518	'6756627_/_6756637'		0.83	2.53	3.33	0.64	0.53	3.33	1.1 No	0.53	Element Fault
SOU064	519	'55075492_/_55075631'		3.9	6.5	10	1.912	4.9	10	3.31 No	1.912	Thermal Discharging
SOU064	520	'43749713_/_5617894_2'		2.87	4.4	6.67	1.28	1.1	6.67	2.21 No	1.1	Element Fault
SOU064	521	'6771752_/_6771762_1'		1.93	2.37	3.33	0.64	0.5	3.33	1.1 No	0.5	Element Fault
SOU064	522	'6776812_/_6776822_1'		1.53	2.23	3.33	0.64	0.5	3.33	1.1 No	0.5	Element Fault
SOU064	523	'6756743_/_6756741'		0.93	2.57	3.33	0.64	0.5	3.33	1.1 No	0.5	Element Fault
SOU064	524	'55004859_/_9612597_1'		4.1	6.6	10	1.912	1.5	10	3.31 No	1.5	Element Fault
SOU064	525	'52860081_/_52859954'		3	4.33	6.67	1.28	2.13	6.67	2.21 No	1.28	Thermal Discharging
SOU064	526	'6748051_/_6748048'		4.3	6.8	10	1.912	2.5	10	3.31 No	1.912	Thermal Discharging
SOU064	527	'43983713_/_6763461'		0.87	2.57	3.33	0.64	0.5	3.33	1.1 No	0.5	Element Fault
SOU064	528	'43987563_/_6774110'		1.47	2.27	3.33	0.64	0.5	3.33	1.1 No	0.5	Element Fault
SOU064	529	'6747979_/_6747989'		1.47	2.27	3.33	0.64	0.5	3.33	1.1 No	0.5	Element Fault
SOU064	530	'43987028_/_6771749'		1.9	2.33	3.33	0.64	0.5	3.33	1.1 No	0.5	Element Fault
SOU064	531	'55004895_/_52860143_2'		3	4.33	6.67	1.28	2.13	6.67	2.21 No	1.28	Thermal Discharging
SOU064	532	'6749739_/_6749737'		0.87	2.6	3.33	0.64	0.5	3.33	1.1 No	0.5	Element Fault
SOU064	533	'9344286_/_9344284'		4.2	6.7	10	1.912	5.3	10	3.31 No	1.912	Thermal Discharging
SOU064	534	'5620023_/_5620020'		1.53	2.27	3.33	0.64	0.5	3.33	1.1 No	0.5	Element Fault
SOU064	535	'6773391_/_43987532'		1.6	2.27	3.33	0.64	0.83	3.33	1.1 No	0.64	Thermal Discharging
SOU064	536	'5617770_/_52860143_1'		3	4.27	6.67	1.28	1.1	6.67	2.21 No	1.1	Element Fault
SOU064	537	'6756626_/_6756624'		0.8	2.43	3.33	0.64	0.53	3.33	1.1 No	0.53	Element Fault
SOU064	538	'43987201_/_6748174'		1.77	2.23	3.33	0.64	0.83	3.33	1.1 No	0.64	Thermal Discharging
SOU064	539	'9344306_/_9344304'		4.2	6.6	10	1.912	5.3	10	3.31 No	1.912	Thermal Discharging
SOU064	540	'6747896_/_6748065'		4.1	6.6	10	1.912	2.5	10	3.31 No	1.912	Thermal Discharging
SOU064	541	'6748122_/_6748119'		1.4	2.2	3.33	0.64	0.5	3.33	1.1 No	0.5	Element Fault
SOU064	542	'6771726_/_6771736'		1.8	2.27	3.33	0.64	0.5	3.33	1.1 No	0.5	Element Fault
SOU064	543	'6776811_/_6776809'		1.57	2.17	3.33	0.64	0.5	3.33	1.1 No	0.5	Element Fault
SOU064	544	'52860252_/_52860267'		2.53	4.13	6.67	1.28	3.47	6.67	2.21 No	1.28	Thermal Discharging
SOU064	545	'6756876_/_6756874'		0.83	2.47	3.33	0.64	0.5	3.33	1.1 No	0.5	Element Fault
SOU064	546	'5619676_/_43750668'		1.63	2.17	3.33	0.64	0.5	3.33	1.1 No	0.5	Element Fault
SOU064	547	'5617912_/_5617909'		2.67	4.2	6.67	1.28	1.1	6.67	2.21 No	1.1	Element Fault
SOU064	548	'6747883_/_6747893'		1.37	2.17	3.33	0.64	0.83	3.33	1.1 No	0.64	Thermal Discharging
SOU064	549	'55004983_/_52860187'		3	4.2	6.67	1.28	1.1	6.67	2.21 No	1.1	Element Fault
SOU064	550	'6757086_/_6757096'		0.9	2.43	3.33	0.64	0.5	3.33	1.1 No	0.5	Element Fault
SOU064	551	'43987166_/_6747976'		1.37	2.17	3.33	0.64	0.5	3.33	1.1 No	0.5	Element Fault
SOU064	552	'6773404_/_6773401'		1.5	2.17	3.33	0.64	0.83	3.33	1.1 No	0.64	Thermal Discharging
SOU064	553	'5620036_/_5620033'		1.47	2.2	3.33	0.64	0.5	3.33	1.1 No	0.5	Element Fault

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SOU064	554	'43987552_/_6748132'	1.37	2.17	3.33	0.64	0.5	3.33	1.1 No	0.5 Element Fault	
SOU064	555	'52860094_/_52859972'	3.7	6.1	10	1.912	3.2	10	3.31 No	1.912 Thermal Discharging	
SOU064	556	'6771713_/_6771723'	1.73	2.23	3.33	0.64	0.5	3.33	1.1 No	0.5 Element Fault	
SOU064	557	'43749689_/_5617768'	3	4.13	6.67	1.28	1.1	6.67	2.21 No	1.1 Element Fault	
SOU064	558	'6747912_/_6747909'	3.9	6.4	10	1.912	2.5	10	3.31 No	1.912 Thermal Discharging	
SOU064	559	'43987713_/_6781383'	1.5	2.1	3.33	0.64	0.5	3.33	1.1 No	0.5 Element Fault	
SOU064	560	'6771658_/_6771668'	1.67	2.17	3.33	0.64	0.83	3.33	1.1 No	0.64 Thermal Discharging	
SOU064	561	'52860105_/_52860249'	3.7	6	10	1.912	5.2	10	3.31 No	1.912 Thermal Discharging	
SOU064	562	'6757112_/_6757122'	0.77	2.33	3.33	0.64	0.53	3.33	1.1 No	0.53 Element Fault	
SOU064	563	'43987620_/_43987622'	1.4	2.13	3.33	0.64	0.83	3.33	1.1 No	0.64 Thermal Discharging	
SOU064	564	'43749359_/_5617073'	3	4.07	6.67	1.28	1.1	6.67	2.21 No	1.1 Element Fault	
SOU064	565	'6747965_/_6747963'	1.3	2.13	3.33	0.64	0.5	3.33	1.1 No	0.5 Element Fault	
SOU064	566	'6773420_/_6773417'	1.43	2.13	3.33	0.64	0.83	3.33	1.1 No	0.64 Thermal Discharging	
SOU064	567	'6773488_/_6773485'	1.3	2.1	3.33	0.64	0.83	3.33	1.1 No	0.64 Thermal Discharging	
SOU064	568	'5617927_/_5617924'	2.53	4.07	6.67	1.28	1.1	6.67	2.21 No	1.1 Element Fault	
SOU064	569	'43987585_/_6747926'	3.8	6.3	10	1.912	2.5	10	3.31 No	1.912 Thermal Discharging	
SOU064	570	'43987039_/_6771710'	1.67	2.17	3.33	0.64	0.5	3.33	1.1 No	0.5 Element Fault	
SOU064	571	'5619689_/_5619686_1'	1.53	2.1	3.33	0.64	0.5	3.33	1.1 No	0.5 Element Fault	
SOU064	572	'6748148_/_6748145'	1.3	2.13	3.33	0.64	0.5	3.33	1.1 No	0.5 Element Fault	
SOU064	573	'6760792_/_6760790'	0.8	2.33	3.33	0.64	0.5	3.33	1.1 No	0.5 Element Fault	
SOU064	574	'43750677_/_5619686_2'	1.53	2.1	3.33	0.64	0.5	3.33	1.1 No	0.5 Element Fault	
SOU064	575	'6771645_/_6771655'	1.6	2.1	3.33	0.64	0.83	3.33	1.1 No	0.64 Thermal Discharging	
SOU064	576	'5617361_/_5617376'	2.87	4	6.67	1.28	1.1	6.67	2.21 No	1.1 Element Fault	
SOU064	577	'6757085_/_43983841'	0.83	2.3	3.33	0.64	0.5	3.33	1.1 No	0.5 Element Fault	
SOU064	578	'6757111_/_6757109'	0.73	2.27	3.33	0.64	0.53	3.33	1.1 No	0.53 Element Fault	
SOU064	579	'580309183_/_580309224'	1.37	2.1	3.33	0.64	0.5	3.33	1.1 No	0.5 Element Fault	
SOU064	580	'6747854_/_6747864'	1.4	2.03	3.33	0.64	0.83	3.33	1.1 No	0.64 Thermal Discharging	
SOU064	581	'6773504_/_6773501'	1.33	2.07	3.33	0.64	0.83	3.33	1.1 No	0.64 Thermal Discharging	
SOU064	582	'6747782_/_43987587'	3.7	6.1	10	1.912	2.5	10	3.31 No	1.912 Thermal Discharging	
SOU064	583	'6770721_/_6781370'	1.4	2	3.33	0.64	0.5	3.33	1.1 No	0.5 Element Fault	
SOU064	584	'52859487_/_52859606'	3.4	5.8	10	1.912	3.2	10	3.31 No	1.912 Thermal Discharging	
SOU064	585	'6771687_/_6771697'	1.6	2.13	3.33	0.64	0.5	3.33	1.1 No	0.5 Element Fault	
SOU064	586	'43987094_/_43987096'	1.27	2.07	3.33	0.64	0.5	3.33	1.1 No	0.5 Element Fault	
SOU064	587	'52859477_/_52859492'	2.27	3.8	6.67	1.28	2.13	6.67	2.21 No	1.28 Thermal Discharging	
SOU064	588	'43987541_/_6748158'	1.27	2.07	3.33	0.64	0.5	3.33	1.1 No	0.5 Element Fault	
SOU064	589	'43749725_/_5617939'	2.4	3.87	6.67	1.28	1.1	6.67	2.21 No	1.1 Element Fault	
SOU064	590	'43749371_/_43749373'	2.8	3.87	6.67	1.28	1.1	6.67	2.21 No	1.1 Element Fault	
SOU064	591	'6771632_/_6771642'	1.5	2.03	3.33	0.64	0.83	3.33	1.1 No	0.64 Thermal Discharging	
SOU064	592	'6747765_/_6747779'	3.6	6	10	1.912	2.5	10	3.31 No	1.912 Thermal Discharging	
SOU064	593	'5617432_/_7100200'	1.23	2.03	3.33	0.64	0.5	3.33	1.1 No	0.5 Element Fault	
SOU064	594	'580309147_/_580309180'	1.3	2.03	3.33	0.64	0.5	3.33	1.1 No	0.5 Element Fault	
SOU064	595	'6760805_/_43983830'	0.77	2.23	3.33	0.64	0.5	3.33	1.1 No	0.5 Element Fault	
SOU064	596	'5617957_/_5617954'	2.4	3.8	6.67	1.28	1.1	6.67	2.21 No	1.1 Element Fault	
SOU064	597	'5619702_/_43750679'	1.43	2	3.33	0.64	0.5	3.33	1.1 No	0.5 Element Fault	
SOU064	598	'6771577_/_6771587'	1.23	2.03	3.33	0.64	0.5	3.33	1.1 No	0.5 Element Fault	
SOU064	599	'6747841_/_6747851_2'	1.33	1.97	3.33	0.64	0.83	3.33	1.1 No	0.64 Thermal Discharging	
SOU064	600	'6747748_/_6747762'	3.5	5.9	10	1.912	2.5	10	3.31 No	1.912 Thermal Discharging	
SOU064	601	'43987631_/_6747851_1'	1.3	1.97	3.33	0.64	0.83	3.33	1.1 No	0.64 Thermal Discharging	
SOU064	602	'6770908_/_7100150'	2.67	3.8	6.67	1.28	1.1	6.67	2.21 No	1.1 Element Fault	
SOU064	603	'6770708_/_6770718'	1.33	1.93	3.33	0.64	0.5	3.33	1.1 No	0.5 Element Fault	
SOU064	604	'6771561_/_6771574'	1.2	2	3.33	0.64	0.5	3.33	1.1 No	0.5 Element Fault	
SOU064	605	'43987061_/_6771629'	1.47	2	3.33	0.64	0.83	3.33	1.1 No	0.64 Thermal Discharging	
SOU064	606	'6747799_/_6747796'	1.23	1.97	3.33	0.64	0.83	3.33	1.1 No	0.64 Thermal Discharging	
SOU064	607	'43749566_/_5617430'	1.2	2	3.33	0.64	0.5	3.33	1.1 No	0.5 Element Fault	
SOU064	608	'5617972_/_5617969'	2.33	3.73	6.67	1.28	1.1	6.67	2.21 No	1.1 Element Fault	
SOU064	609	'6770893_/_6770905'	2.6	3.73	6.67	1.28	1.1	6.67	2.21 No	1.1 Element Fault	
SOU064	610	'5619715_/_5619712'	1.37	1.93	3.33	0.64	0.5	3.33	1.1 No	0.5 Element Fault	
SOU064	611	'52859350_/_52859365'	2.13	3.67	6.67	1.28	2.13	6.67	2.21 No	1.28 Thermal Discharging	
SOU064	612	'52859360_/_52859482'	3.2	5.5	10	1.912	3.2	10	3.31 No	1.912 Thermal Discharging	
SOU064	613	'6770695_/_6770705'	1.27	1.9	3.33	0.64	0.5	3.33	1.1 No	0.5 Element Fault	
SOU064	614	'43987153_/_6747745'	3.4	5.7	10	1.912	2.5	10	3.31 No	1.912 Thermal Discharging	
SOU064	615	'6770878_/_6770890'	2.6	3.67	6.67	1.28	1.1	6.67	2.21 No	1.1 Element Fault	
SOU064	616	'5617446_/_5617443'	1.17	1.97	3.33	0.64	0.5	3.33	1.1 No	0.5 Element Fault	
SOU064	617	'580314204_/_580309144'	1.23	1.97	3.33	0.64	0.5	3.33	1.1 No	0.5 Element Fault	
SOU064	618	'6771603_/_6771616'	1.4	1.97	3.33	0.64	0.83	3.33	1.1 No	0.64 Thermal Discharging	
SOU064	619	'6771548_/_6771558'	1.17	1.93	3.33	0.64	0.5	3.33	1.1 No	0.5 Element Fault	
SOU064	620	'6747815_/_6747812'	1.23	1.9	3.33	0.64	0.83	3.33	1.1 No	0.64 Thermal Discharging	
SOU064	621	'6747840_/_6747838'	1.23	1.9	3.33	0.64	0.83	3.33	1.1 No	0.64 Thermal Discharging	
SOU064	622	'43749737_/_5617987'	2.2	3.67	6.67	1.28	1.1	6.67	2.21 No	1.1 Element Fault	
SOU064	623	'5619728_/_5619725'	1.3	1.9	3.33	0.64	0.5	3.33	1.1 No	0.5 Element Fault	
SOU064	624	'43986847_/_6770875'	2.53	3.6	6.67	1.28	1.1	6.67	2.21 No	1.1 Element Fault	
SOU064	625	'6747727_/_6747725'	3.2	5.6	10	1.912	2.5	10	3.31 No	1.912 Thermal Discharging	
SOU064	626	'5617459_/_5617456'	1.13	1.93	3.33	0.64	0.5	3.33	1.1 No	0.5 Element Fault	
SOU064	627	'5617472_/_5617469'	1.13	1.93	3.33	0.64	0.5	3.33	1.1 No	0.5 Element Fault	
SOU064	628	'43986770_/_43986772'	1.2	1.83	3.33	0.64	0.5	3.33	1.1 No	0.5 Element Fault	
SOU064	629	'43987083_/_6771545'	1.1	1.9	3.33	0.64	0.5	3.33	1.1 No	0.5 Element Fault	
SOU064	630	'43987050_/_43987052'	1.37	1.9	3.33	0.64	0.83	3.33	1.1 No	0.64 Thermal Discharging	
SOU064	631	'5619744_/_5619741'	1.3	1.87	3.33	0.64	0.5	3.33	1.1 No	0.5 Element Fault	
SOU064	632	'71255064_/_52859355'	3	5.3	10	1.912	3.2	10	3.31 No	1.912 Thermal Discharging	
SOU064	633	'70585629_/_37924461'	3	5.3	10	1.912	0.2	10	3.31 No	0.2 Element Fault	
SOU064	634	'6771438_/_6771448'	1.2	1.83	3.33	0.64	0.83	3.33	1.1 No	0.64 Thermal Discharging	
SOU064	635	'6770848_/_6770860'	2.47	3.53	6.67	1.28	1.1	6.67	2.21 No	1.1 Element Fault	
SOU064	636	'6771294_/_6771308'	3.1	5.5	10	1.912	2.5	10	3.31 No	1.912 Thermal Discharging	
SOU064	637	'5616209_/_43749739'	2.13	3.53	6.67	1.28	1.1	6.67	2.21 No	1.1 Element Fault	
SOU064	638	'43749555_/_5617482'	1.1	1.9	3.33	0.64	0.5	3.33	1.1 No	0.5 Element Fault	
SOU064	639	'7721235_/_8667133_1'	2.13	3.53	6.67	1.28	0.6	6.67	2.21 No	0.6 Element Fault	
SOU064	640	'43987598_/_6747825'	1.17	1.83	3.33	0.64	0.83	3.33	1.1 No	0.64 Thermal Discharging	
SOU064	641	'55004764_/_7157701'	1.33	1.87	3.33	0.64	0.83	3.33	1.1 No	0.64 Thermal Discharging	
SOU064	642	'6771519_/_6771532'	1.07	1.87	3.33	0.64	0.5	3.33	1.1 No	0.5 Element Fault	
SOU064	643	'8667136_/_8667133_2'	2.13	3.47	6.67	1.28	0.6	6.67	2.21 No	0.6 Element Fault	
SOU064	644	'6770101_/_6770679'	1.17	1.8	3.33	0.64	0.5	3.33	1.1 No	0.5 Element Fault	
SOU064	645	'7408243_/_7408240'	2.9	5.2	10	1.912	0.2	10	3.31 No	0.2 Element Fault	
SOU064	646	'6770833_/_6770845'	2.4	3.47	6.67	1.28	1.1	6.67	2.21 No	1.1 Element Fault	
SOU064	647	'5617497_/_43749557'	1.1	1.87	3.33	0.64	0.5	3.33	1.1 No	0.5 Element Fault	

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
											VSR (MW)	Limiting Threshold
SOU064	648	'43987140_/_6771291'	3	5.3	10	1.912	2.5	10	3.31	No	1.912	Thermal Discharging
SOU064	649	'9355816_/_9369054'	2.9	5.1	10	1.912	0.2	10	3.31	No	0.2	Element Fault
SOU064	650	'5618005_/_5618002'	2.07	3.47	6.67	1.28	1.1	6.67	2.21	No	1.1	Element Fault
SOU064	651	'5617498_/_5617495'	1.07	1.87	3.33	0.64	0.5	3.33	1.1	No	0.5	Element Fault
SOU064	652	'6771276_/_6771274'	3	5.3	10	1.912	2.5	10	3.31	No	1.912	Thermal Discharging
SOU064	653	'6771425_/_6771435'	1.13	1.77	3.33	0.64	0.83	3.33	1.1	No	0.64	Thermal Discharging
SOU064	654	'5619757_/_5619754'	1.2	1.8	3.33	0.64	0.5	3.33	1.1	No	0.5	Element Fault
SOU064	655	'43986859_/_6770830'	2.33	3.4	6.67	1.28	1.1	6.67	2.21	No	1.1	Element Fault
SOU064	656	'43986682_/_6770099'	1.13	1.73	3.33	0.64	0.5	3.33	1.1	No	0.5	Element Fault
SOU064	657	'52860709_/_52860707_2'	3.33	3.33	3.33	0.64	1.73	3.33	1.1	No	0.64	Thermal Discharging
SOU064	658	'6771506_/_6771516'	1.03	1.8	3.33	0.64	0.5	3.33	1.1	No	0.5	Element Fault
SOU064	659	'580314632_/_52860720_2'	3.33	3.33	3.33	0.64	1.73	3.33	1.1	No	0.64	Thermal Discharging
SOU064	660	'587834724_/_580309152_1'	3.33	3.33	3.33	0.64	0.8	3.33	1.1	No	0.64	Thermal Discharging
SOU064	661	'43987735_/_43987737'	1.1	1.77	3.33	0.64	0.83	3.33	1.1	No	0.64	Thermal Discharging
SOU064	662	'580314652_/_52860707_1'	3.33	3.33	3.33	0.64	1.73	3.33	1.1	No	0.64	Thermal Discharging
SOU064	663	'5617514_/_5617511'	1.03	1.8	3.33	0.64	0.5	3.33	1.1	No	0.5	Element Fault
SOU064	664	'43749749_/_5618020'	2	3.33	6.67	1.28	1.1	6.67	2.21	No	1.1	Element Fault
SOU064	665	'6770797_/_6770815'	2.27	3.33	6.67	1.28	1.1	6.67	2.21	No	1.1	Element Fault
SOU064	666	'43988820_/_6782240'	2.9	5.1	10	1.912	2.5	10	3.31	No	1.912	Thermal Discharging
SOU064	667	'7408173_/_8667063'	3.33	3.33	3.33	0.64	1.63	3.33	1.1	No	0.64	Thermal Discharging
SOU064	668	'5617148_/_580309152_2'	3.33	3.33	3.33	0.64	0.8	3.33	1.1	No	0.64	Thermal Discharging
SOU064	669	'7408172_/_7408170_2'	3.33	3.33	3.33	0.64	1.63	3.33	1.1	No	0.64	Thermal Discharging
SOU064	670	'5617174_/_7408170_1'	3.33	3.33	3.33	0.64	0.5	3.33	1.1	No	0.5	Element Fault
SOU064	671	'9355817_/_9355814'	2.7	5	10	1.912	0.2	10	3.31	No	0.2	Element Fault
SOU064	672	'43986748_/_6770794'	2.27	3.33	6.67	1.28	1.1	6.67	2.21	No	1.1	Element Fault
SOU064	673	'43987609_/_6774078'	1.07	1.73	3.33	0.64	0.83	3.33	1.1	No	0.64	Thermal Discharging
SOU064	674	'44703101_/_6770112'	1.1	1.7	3.33	0.64	0.5	3.33	1.1	No	0.5	Element Fault
SOU064	675	'7408189_/_7408186'	3.33	3.33	3.33	0.64	1.63	3.33	1.1	No	0.64	Thermal Discharging
SOU064	676	'6774081_/_7461155_2'	1.07	1.7	3.33	0.64	0.83	3.33	1.1	No	0.64	Thermal Discharging
SOU064	677	'43987127_/_6782257'	2.8	5	10	1.912	2.5	10	3.31	No	1.912	Thermal Discharging
SOU064	678	'6771493_/_6771503'	0.97	1.73	3.33	0.64	0.5	3.33	1.1	No	0.5	Element Fault
SOU064	679	'43749761_/_5618035'	1.93	3.27	6.67	1.28	1.1	6.67	2.21	No	1.1	Element Fault
SOU064	680	'43749452_/_5617145'	3.33	3.33	3.33	0.64	0.8	3.33	1.1	No	0.64	Thermal Discharging
SOU064	681	'55004713_/_8044888'	3.33	3.33	3.33	0.64	1.63	3.33	1.1	No	0.64	Thermal Discharging
SOU064	682	'6771399_/_6771409'	1.03	1.67	3.33	0.64	0.83	3.33	1.1	No	0.64	Thermal Discharging
SOU064	683	'5617190_/_5617187_2'	3.33	3.33	3.33	0.64	1.4	3.33	1.1	No	0.64	Thermal Discharging
SOU064	684	'43749496_/_5617187_1'	3.33	3.33	3.33	0.64	0.5	3.33	1.1	No	0.5	Element Fault
SOU064	685	'5617161_/_5617171'	3.33	3.33	3.33	0.64	0.5	3.33	1.1	No	0.5	Element Fault
SOU064	686	'43987072_/_43987074'	0.97	1.7	3.33	0.64	0.5	3.33	1.1	No	0.5	Element Fault
SOU064	687	'6776975_/_6776992'	2.7	5	10	1.912	2.5	10	3.31	No	1.912	Thermal Discharging
SOU064	688	'6771477_/_6771474_2'	0.97	1.7	3.33	0.64	0.5	3.33	1.1	No	0.5	Element Fault
SOU064	689	'587834861_/_52860301_2'	3.33	3.33	3.33	0.64	1.73	3.33	1.1	No	0.64	Thermal Discharging
SOU064	690	'7461157_/_7461155_1'	1.03	1.67	3.33	0.64	0.3	3.33	1.1	No	0.3	Element Fault
SOU064	691	'587834883_/_52860314_2'	3.33	3.33	3.33	0.64	1.73	3.33	1.1	No	0.64	Thermal Discharging
SOU064	692	'52860303_/_52860301_1'	3.33	3.33	3.33	0.64	1.73	3.33	1.1	No	0.64	Thermal Discharging
SOU064	693	'5617219_/_5617229'	3.33	3.33	3.33	0.64	0.8	3.33	1.1	No	0.64	Thermal Discharging
SOU064	694	'5618088_/_52860293_2'	3.33	3.33	3.33	0.64	0.5	3.33	1.1	No	0.5	Element Fault
SOU064	695	'6771464_/_6771474_1'	0.93	1.7	3.33	0.64	0.5	3.33	1.1	No	0.5	Element Fault
SOU064	696	'43749474_/_43749476'	3.33	3.33	3.33	0.64	0.5	3.33	1.1	No	0.5	Element Fault
SOU064	697	'587834899_/_52860293_1'	3.33	3.33	3.33	0.64	0.5	3.33	1.1	No	0.5	Element Fault
SOU064	698	'5617569_/_5617579'	3.33	3.33	3.33	0.64	0.5	3.33	1.1	No	0.5	Element Fault
SOU064	699	'43749796_/_5618086'	3.33	3.33	3.33	0.64	0.5	3.33	1.1	No	0.5	Element Fault
SOU064	700	'43987116_/_6771396'	1	1.63	3.33	0.64	0.83	3.33	1.1	No	0.64	Thermal Discharging
SOU064	701	'6776959_/_6776972'	2.7	4.8	10	1.912	2.5	10	3.31	No	1.912	Thermal Discharging
SOU064	702	'43749430_/_5617132'	3.33	3.33	3.33	0.64	1.1	3.33	1.1	No	0.64	Thermal Discharging
SOU064	703	'5618102_/_5618099'	3.33	3.33	3.33	0.64	0.5	3.33	1.1	No	0.5	Element Fault
SOU064	704	'5617206_/_5617216'	3.33	3.33	3.33	0.64	0.8	3.33	1.1	No	0.64	Thermal Discharging
SOU064	705	'5617261_/_5617271'	3.33	3.33	3.33	0.64	1.1	3.33	1.1	No	0.64	Thermal Discharging
SOU064	706	'451116520_/_451116540'	2.6	4.8	10	1.912	2.5	10	3.31	No	1.912	Thermal Discharging
SOU064	707	'5617556_/_5617566'	3.33	3.33	3.33	0.64	0.5	3.33	1.1	No	0.5	Element Fault
SOU064	708	'451116622_/_451116584_2'	2.6	4.8	10	1.912	2.5	10	3.31	No	1.912	Thermal Discharging
SOU064	709	'5618115_/_5618112'	3.33	3.33	3.33	0.64	0.5	3.33	1.1	No	0.5	Element Fault
SOU064	710	'6771463_/_6771461'	0.93	1.67	3.33	0.64	0.5	3.33	1.1	No	0.5	Element Fault
SOU064	711	'5617595_/_5617605'	3.33	3.33	3.33	0.64	0.5	3.33	1.1	No	0.5	Element Fault
SOU064	712	'6776946_/_6776956_2'	0.87	1.6	3.33	0.64	0.83	3.33	1.1	No	0.64	Thermal Discharging
SOU064	713	'5617109_/_5622933'	3.33	3.33	3.33	0.64	0.5	3.33	1.1	No	0.5	Element Fault
SOU064	714	'6771370_/_6771380'	1	1.6	3.33	0.64	0.83	3.33	1.1	No	0.64	Thermal Discharging
SOU064	715	'6776930_/_6776956_1'	0.87	1.6	3.33	0.64	0.83	3.33	1.1	No	0.64	Thermal Discharging
SOU064	716	'43749807_/_5618125'	3.33	3.33	3.33	0.64	0.5	3.33	1.1	No	0.5	Element Fault
SOU064	717	'43749463_/_5617203'	3.33	3.33	3.33	0.64	0.8	3.33	1.1	No	0.64	Thermal Discharging
SOU064	718	'43749485_/_43749487'	3.33	3.33	3.33	0.64	0.5	3.33	1.1	No	0.5	Element Fault
SOU064	719	'6771357_/_6771367'	0.97	1.6	3.33	0.64	0.83	3.33	1.1	No	0.64	Thermal Discharging
SOU064	720	'43749507_/_5617553'	3.33	3.33	3.33	0.64	0.5	3.33	1.1	No	0.5	Element Fault
SOU064	721	'5618141_/_43749809'	3.33	3.33	3.33	0.64	0.5	3.33	1.1	No	0.5	Element Fault
SOU064	722	'43749441_/_43749443'	3.33	3.33	3.33	0.64	1.1	3.33	1.1	No	0.64	Thermal Discharging
SOU064	723	'5618154_/_5618151'	3.33	3.33	3.33	0.64	0.5	3.33	1.1	No	0.5	Element Fault
SOU064	724	'6770423_/_7100106'	3.33	3.33	3.33	0.64	0.8	3.33	1.1	No	0.64	Thermal Discharging
SOU064	725	'6773679_/_7100249'	3.33	3.33	3.33	0.64	0.5	3.33	1.1	No	0.5	Element Fault
SOU064	726	'6771264_/_6776927'	0.87	1.53	3.33	0.64	0.83	3.33	1.1	No	0.64	Thermal Discharging
SOU064	727	'43749818_/_5618164'	3.33	3.33	3.33	0.64	0.5	3.33	1.1	No	0.5	Element Fault
SOU064	728	'6770410_/_6770420'	3.33	3.33	3.33	0.64	0.8	3.33	1.1	No	0.64	Thermal Discharging
SOU064	729	'6773678_/_6773676'	3.33	3.33	3.33	0.64	0.5	3.33	1.1	No	0.5	Element Fault
SOU064	730	'5617539_/_5617537'	3.33	3.33	3.33	0.64	0.5	3.33	1.1	No	0.5	Element Fault
SOU064	731	'5617108_/_5617106'	3.33	3.33	3.33	0.64	0.5	3.33	1.1	No	0.5	Element Fault
SOU064	732	'6771344_/_6771354'	0.93	1.57	3.33	0.64	0.83	3.33	1.1	No	0.64	Thermal Discharging
SOU064	733	'5617247_/_5617245'	3.33	3.33	3.33	0.64	1.1	3.33	1.1	No	0.64	Thermal Discharging
SOU064	734	'5618180_/_43749820'	3.33	3.33	3.33	0.64	0.5	3.33	1.1	No	0.5	Element Fault
SOU064	735	'6781424_/_6781435'	3.33	3.33	3.33	0.64	0.5	3.33	1.1	No	0.5	Element Fault
SOU064	736	'43749829_/_5618190'	3.33	3.33	3.33	0.64	0.5	3.33	1.1	No	0.5	Element Fault
SOU064	737	'6771251_/_6771261'	0.87	1.5	3.33	0.64	0.83	3.33	1.1	No	0.64	Thermal Discharging
SOU064	738	'43987105_/_43987107'	0.93	1.53	3.33	0.64	0.83	3.33	1.1	No	0.64	Thermal Discharging
SOU064	739	'5618206_/_5618203'	3.33	3.33	3.33	0.64	0.5	3.33	1.1	No	0.5	Element Fault
SOU064	740	'6773611_/_7100233'	3.33	3.33	3.33	0.64	0.5	3.33	1.1	No	0.5	Element Fault
SOU064	741	'43986904_/_6770407'	3.33	3.33	3.33	0.64	0.8	3.33	1.1	No	0.64	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SOU064	742	'6781412_/7100119'	3.33	3.33	3.33	3.33	0.64	1.1	3.33	1.1 No	0.64 Thermal Discharging
SOU064	743	'43749407_/5617284'	3.33	3.33	3.33	3.33	0.64	0.5	3.33	1.1 No	0.5 Element Fault
SOU064	744	'43749840_/5618216'	3.33	3.33	3.33	3.33	0.64	0.5	3.33	1.1 No	0.5 Element Fault
SOU064	745	'6781451_/6781461'	3.33	3.33	3.33	3.33	0.64	0.5	3.33	1.1 No	0.5 Element Fault
SOU064	746	'43988765_/43988767'	3.33	3.33	3.33	3.33	0.64	1.1	3.33	1.1 No	0.64 Thermal Discharging
SOU064	747	'6770381_/6770394'	3.33	3.33	3.33	3.33	0.64	0.8	3.33	1.1 No	0.64 Thermal Discharging
SOU064	748	'6771327_/6771325'	0.9	1.53	3.33	3.33	0.64	0.83	3.33	1.1 No	0.64 Thermal Discharging
SOU064	749	'5618232_/43749842'	3.33	3.33	3.33	3.33	0.64	0.5	3.33	1.1 No	0.5 Element Fault
SOU064	750	'6771238_/6771248'	0.9	1.47	3.33	3.33	0.64	0.83	3.33	1.1 No	0.64 Thermal Discharging
SOU064	751	'43987484_/6781448'	3.33	3.33	3.33	3.33	0.64	0.5	3.33	1.1 No	0.5 Element Fault
SOU064	752	'43749851_/5618242'	3.33	3.33	3.33	3.33	0.64	0.5	3.33	1.1 No	0.5 Element Fault
SOU064	753	'6770520_/6781396'	3.33	3.33	3.33	3.33	0.64	1.1	3.33	1.1 No	0.64 Thermal Discharging
SOU064	754	'43987506_/6773608'	3.33	3.33	3.33	3.33	0.64	0.5	3.33	1.1 No	0.5 Element Fault
SOU064	755	'5618258_/5618255'	3.33	3.33	3.33	3.33	0.64	0.5	3.33	1.1 No	0.5 Element Fault
SOU064	756	'6770368_/6770378'	3.33	3.33	3.33	3.33	0.64	0.8	3.33	1.1 No	0.64 Thermal Discharging
SOU064	757	'9669089_/451116584_1'	2.3	4.4	10	1.912	0.9	10	3.31 No	0.9 Element Fault	0.9 Element Fault
SOU064	758	'5619033_/5619030'	3.33	3.33	3.33	3.33	0.64	0.5	3.31	1.1 No	0.5 Element Fault
SOU064	759	'6773666_/6781474'	3.33	3.33	3.33	3.33	0.64	0.5	3.33	1.1 No	0.5 Element Fault
SOU064	760	'6774217_/6774215'	0.9	1.5	3.33	3.33	0.64	0.83	3.33	1.1 No	0.64 Thermal Discharging
SOU064	761	'52859511_/52859525_1'	1.57	2.5	3.33	3.33	0.64	1.07	3.33	1.1 No	0.64 Thermal Discharging
SOU064	762	'5617300_/43749409'	3.33	2.53	3.33	3.33	0.64	0.5	3.33	1.1 No	0.5 Element Fault
SOU064	763	'587834807_/52859525_2'	1.57	2.53	3.33	3.33	0.64	1.07	3.33	1.1 No	0.64 Thermal Discharging
SOU064	764	'5619046_/5619043'	3.33	3.33	3.33	3.33	0.64	0.5	3.3	1.1 No	0.5 Element Fault
SOU064	765	'6771237_/43986015'	0.9	1.43	3.33	3.33	0.64	0.83	3.33	1.1 No	0.64 Thermal Discharging
SOU064	766	'6770507_/6770517'	3.33	3.33	3.33	3.33	0.64	1.1	3.33	1.1 No	0.64 Thermal Discharging
SOU064	767	'587834834_/52859516_2'	1.57	2.43	3.33	3.33	0.64	1.07	3.33	1.1 No	0.64 Thermal Discharging
SOU064	768	'43987495_/6773595'	3.33	3.33	3.33	3.33	0.64	0.5	3.33	1.1 No	0.5 Element Fault
SOU064	769	'5616237_/5616234'	3.33	3.33	3.33	3.33	0.64	0.55	3.33	1.1 No	0.55 Element Fault
SOU064	770	'55004925_/52859495_1'	1.6	2.4	3.33	3.33	0.64	0.5	3.33	1.1 No	0.5 Element Fault
SOU064	771	'43750135_/5619056'	3.33	3.33	3.33	3.33	0.64	0.5	3.27	1.1 No	0.5 Element Fault
SOU064	772	'5617705_/52859495_2'	1.6	2.4	3.33	3.33	0.64	0.5	3.33	1.1 No	0.5 Element Fault
SOU064	773	'43986915_/6770365'	1.47	3.33	3.33	3.33	0.64	0.8	3.32	1.1 No	0.64 Thermal Discharging
SOU064	774	'6770478_/6770504_2'	3.33	3.33	3.33	3.33	0.64	1.1	3.3	1.1 No	0.64 Thermal Discharging
SOU064	775	'6773650_/6773663'	1.47	3.33	3.33	3.33	0.64	0.5	3.29	1.1 No	0.5 Element Fault
SOU064	776	'44054942_/44054944'	1.4	3.33	3.33	3.33	0.64	0.8	3.29	1.1 No	0.64 Thermal Discharging
SOU064	777	'43986893_/6770504_1'	3.33	3.33	3.33	3.33	0.64	1.1	3.29	1.1 No	0.64 Thermal Discharging
SOU064	778	'5619072_/43750137'	3.33	3.33	3.33	3.33	0.64	0.5	3.23	1.1 No	0.5 Element Fault
SOU064	779	'43749678_/5616247'	1.63	3.33	3.33	3.33	0.64	0.55	3.31	1.1 No	0.55 Element Fault
SOU064	780	'5617060_/5622822'	1.63	2.27	3.33	3.33	0.64	0.5	3.31	1.1 No	0.5 Element Fault
SOU064	781	'5617706_/5617703'	1.63	2.2	3.33	3.33	0.64	0.5	3.3	1.1 No	0.5 Element Fault
SOU064	782	'6773569_/6773582'	3.33	3.33	3.33	3.33	0.64	0.5	3.28	1.1 No	0.5 Element Fault
SOU064	783	'5616314_/5619082'	3.33	3.33	3.33	3.33	0.64	0.5	3.21	1.1 No	0.5 Element Fault
SOU064	784	'43987245_/6773647'	1.33	3.33	3.33	3.33	0.64	0.5	3.25	1.1 No	0.5 Element Fault
SOU064	785	'6770313_/6770349'	1.3	3.33	3.33	3.33	0.64	0.8	3.25	1.1 No	0.64 Thermal Discharging
SOU064	786	'6770326_/6770323'	1.3	3.33	3.33	3.33	0.64	0.8	3.25	1.1 No	0.64 Thermal Discharging
SOU064	787	'43749337_/5617057'	1.67	2.17	3.33	3.33	0.64	0.5	3.27	1.1 No	0.5 Element Fault
SOU064	788	'6770465_/6770475'	3.33	3.33	3.33	3.33	0.64	1.1	3.24	1.1 No	0.64 Thermal Discharging
SOU064	789	'580309168_/6770336'	1.3	3.33	3.33	3.33	0.64	0.8	3.24	1.1 No	0.64 Thermal Discharging
SOU064	790	'5617786_/5617783'	1.47	3.33	3.33	3.33	0.64	0.55	3.27	1.1 No	0.55 Element Fault
SOU064	791	'43752627_/5631450'	1.67	2.1	3.33	3.33	0.64	0.5	3.25	1.1 No	0.5 Element Fault
SOU064	792	'6770339_/580309166'	1.3	3.33	3.33	3.33	0.64	0.8	3.21	1.1 No	0.64 Thermal Discharging
SOU064	793	'6770464_/6770462'	3.33	3.33	3.33	3.33	0.64	1.1	3.21	1.1 No	0.64 Thermal Discharging
SOU064	794	'43987256_/43987258'	1.3	3.33	3.33	3.33	0.64	0.8	3.21	1.1 No	0.64 Thermal Discharging
SOU064	795	'5617394_/5617404'	1.7	2.1	3.33	3.33	0.64	0.5	3.23	1.1 No	0.5 Element Fault
SOU064	796	'55004930_/52859403_1'	1.37	2.17	3.33	3.33	0.64	1.07	3.25	1.1 No	0.64 Thermal Discharging
SOU064	797	'6773624_/6773634'	1.23	3.33	3.33	3.33	0.64	0.5	3.2	1.1 No	0.5 Element Fault
SOU064	798	'6770300_/6770310'	1.2	2.63	3.33	3.33	0.64	0.8	3.2	1.1 No	0.64 Thermal Discharging
SOU064	799	'587834765_/52859403_2'	1.37	2.17	3.33	3.33	0.64	1.07	3.24	1.1 No	0.64 Thermal Discharging
SOU064	800	'587834786_/52859442_2'	1.37	2.17	3.33	3.33	0.64	1.07	3.23	1.1 No	0.64 Thermal Discharging
SOU064	801	'43986792_/6770488'	3.33	3.33	3.33	3.33	0.64	1.1	3.19	1.1 No	0.64 Thermal Discharging
SOU064	802	'5617799_/5617796'	1.37	2.53	3.33	3.33	0.64	0.55	3.22	1.1 No	0.55 Element Fault
SOU064	803	'43987642_/43987644'	3.33	3.33	3.33	3.33	0.64	0.5	3.21	1.1 No	0.5 Element Fault
SOU064	804	'587834916_/52859409_1'	1.37	2.13	3.33	3.33	0.64	0.5	3.23	1.1 No	0.5 Element Fault
SOU064	805	'360044569_/6773553_2'	3.33	3.33	3.33	3.33	0.64	0.5	3.21	1.1 No	0.5 Element Fault
SOU064	806	'6773747_/6773744'	1.23	3.33	3.33	3.33	0.64	0.8	3.18	1.1 No	0.64 Thermal Discharging
SOU064	807	'5617640_/52859409_2'	1.37	2.13	3.33	3.33	0.64	0.5	3.23	1.1 No	0.5 Element Fault
SOU064	808	'6770614_/6770624'	3.33	3.33	3.33	3.33	0.64	1.1	3.18	1.1 No	0.64 Thermal Discharging
SOU064	809	'5617718_/43752629'	1.57	2	3.33	3.33	0.64	0.5	3.21	1.1 No	0.5 Element Fault
SOU064	810	'43749348_/5617391'	1.63	2.03	3.33	3.33	0.64	0.5	3.2	1.1 No	0.5 Element Fault
SOU064	811	'6770601_/6770611'	3.33	3.33	3.33	3.33	0.64	1.1	3.16	1.1 No	0.64 Thermal Discharging
SOU064	812	'6770287_/6770297'	1.13	2.3	3.33	3.33	0.64	0.8	3.17	1.1 No	0.64 Thermal Discharging
SOU064	813	'6770439_/6770449'	3.33	3.33	3.33	3.33	0.64	1.1	3.15	1.1 No	0.64 Thermal Discharging
SOU064	814	'5617812_/5617809'	1.3	2.3	3.33	3.33	0.64	0.55	3.18	1.1 No	0.55 Element Fault
SOU064	815	'6771937_/6773621'	1.17	3.33	3.33	3.33	0.64	0.5	3.15	1.1 No	0.5 Element Fault
SOU064	816	'6773708_/6773718'	1.17	3.33	3.33	3.33	0.64	0.8	3.13	1.1 No	0.64 Thermal Discharging
SOU064	817	'5617641_/5617638'	1.37	2.03	3.33	3.33	0.64	0.5	3.18	1.1 No	0.5 Element Fault
SOU064	818	'43987462_/6773757'	1.17	2.43	3.33	3.33	0.64	0.8	3.13	1.1 No	0.64 Thermal Discharging
SOU064	819	'5617719_/5617716'	1.47	1.93	3.33	3.33	0.64	0.5	3.17	1.1 No	0.5 Element Fault
SOU064	820	'6771040_/7100168'	1.53	1.97	3.33	3.33	0.64	0.5	3.15	1.1 No	0.5 Element Fault
SOU064	821	'6770180_/6770436'	3.33	3.33	3.33	3.33	0.64	1.1	3.12	1.1 No	0.64 Thermal Discharging
SOU064	822	'6773543_/6773553_1'	3.33	3.33	3.33	3.33	0.64	0.5	3.14	1.1 No	0.5 Element Fault
SOU064	823	'5617020_/5622789'	1.37	2	3.33	3.33	0.64	0.5	3.16	1.1 No	0.5 Element Fault
SOU064	824	'6770575_/6770598'	3.33	3.33	3.33	3.33	0.64	1.1	3.12	1.1 No	0.64 Thermal Discharging
SOU064	825	'43986803_/6770284'	1.1	2.13	3.33	3.33	0.64	0.8	3.12	1.1 No	0.64 Thermal Discharging
SOU064	826	'43986781_/43986783'	3.33	3.33	3.33	3.33	0.64	1.1	3.11	1.1 No	0.64 Thermal Discharging
SOU064	827	'6771027_/6771037'	1.5	1.93	3.33	3.33	0.64	0.5	3.14	1.1 No	0.5 Element Fault
SOU064	828	'43749667_/5617822'	1.23	2.13	3.33	3.33	0.64	0.55	3.13	1.1 No	0.55 Element Fault
SOU064	829	'43986660_/6770177'	3.33	3.33	3.33	3.33	0.64	1.1	3.1	1.1 No	0.64 Thermal Discharging
SOU064	830	'43987267_/6773705'	1.1	2.27	3.33	3.33	0.64	0.8	3.09	1.1 No	0.64 Thermal Discharging
SOU064	831	'43749612_/5617651'	1.4	1.93	3.33	3.33	0.64	0.5	3.13	1.1 No	0.5 Element Fault
SOU064	832	'6770546_/6770556'	3.33	3.33	3.33	3.33	0.64	1.1	3.08	1.1 No	0.64 Thermal Discharging
SOU064	833	'43749634_/5617729'	1.37	1.87	3.33	3.33	0.64	0.5	3.12	1.1 No	0.5 Element Fault
SOU064	834	'6773530_/6773540'	3.33	3.33	3.33	3.33	0.64	0.5	3.11	1.1 No	0.5 Element Fault
SOU064	835	'43986982_/43986984'	1.07	2.57	3.33	3.33	0.64	0.5	3.09	1.1 No	0.5 Element Fault

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SOU064	836	'43749326_/5617018'	1.4		1.93	3.33	0.64	0.5	3.13	1.1 No	0.5 Element Fault
SOU064	837	'6770533_/6770543'	3.33		3.33	3.33	0.64	1.1	3.08	1.1 No	0.64 Thermal Discharging
SOU064	838	'6770127_/43986673'	3.33		3.33	3.33	0.64	1.1	3.07	1.1 No	0.64 Thermal Discharging
SOU064	839	'6773773_/6773770'	1.1		2.2	3.33	0.64	0.8	3.08	1.1 No	0.64 Thermal Discharging
SOU064	840	'43985991_/6771024'	1.43		1.9	3.33	0.64	0.5	3.1	1.1 No	0.5 Element Fault
SOU064	841	'6770274_/6770530'	3.33		3.33	3.33	0.64	1.1	3.07	1.1 No	0.64 Thermal Discharging
SOU064	842	'6770154_/6770164'	1.67		3.33	3.33	0.64	1.1	3.07	1.1 No	0.64 Thermal Discharging
SOU064	843	'6770128_/6770125'	3.33		3.33	3.33	0.64	1.1	3.06	1.1 No	0.64 Thermal Discharging
SOU064	844	'6770248_/6770258'	1.03		2.03	3.33	0.64	0.8	3.07	1.1 No	0.64 Thermal Discharging
SOU064	845	'43986882_/6770585'	1.57		2.37	3.33	0.64	1.1	3.06	1.1 No	0.64 Thermal Discharging
SOU064	846	'5617838_/5617835'	1.17		2.03	3.33	0.64	0.55	3.09	1.1 No	0.55 Element Fault
SOU064	847	'5617667_/5617664'	1.33		1.87	3.33	0.64	0.5	3.09	1.1 No	0.5 Element Fault
SOU064	848	'6772005_/6773692'	1.03		2.1	3.33	0.64	0.8	3.05	1.1 No	0.64 Thermal Discharging
SOU064	849	'5617745_/5617742'	1.3		1.8	3.33	0.64	0.5	3.08	1.1 No	0.5 Element Fault
SOU064	850	'6771001_/6771011'	1.37		1.87	3.33	0.64	0.5	3.07	1.1 No	0.5 Element Fault
SOU064	851	'6771911_/6771921'	1.03		2.23	3.33	0.64	0.5	3.05	1.1 No	0.5 Element Fault
SOU064	852	'6773517_/6773527'	3.33		3.33	3.33	0.64	0.5	3.05	1.1 No	0.5 Element Fault
SOU064	853	'6770235_/6770245'	1		1.97	3.33	0.64	0.8	3.04	1.1 No	0.64 Thermal Discharging
SOU064	854	'6770141_/6770151'	1.5		2.33	3.33	0.64	1.1	3.03	1.1 No	0.64 Thermal Discharging
SOU064	855	'6773786_/6773783'	1.03		2.03	3.33	0.64	0.8	3.03	1.1 No	0.64 Thermal Discharging
SOU064	856	'5617034_/5617031'	1.3		1.83	3.33	0.64	0.5	3.07	1.1 No	0.5 Element Fault
SOU064	857	'5617680_/5617677'	1.3		1.83	3.33	0.64	0.5	3.06	1.1 No	0.5 Element Fault
SOU064	858	'6770988_/6770998'	1.33		1.8	3.33	0.64	0.5	3.04	1.1 No	0.5 Element Fault
SOU064	859	'5617851_/5617848'	1.1		1.93	3.33	0.64	0.55	3.05	1.1 No	0.55 Element Fault
SOU064	860	'6770640_/6770637'	1.4		2.13	3.33	0.64	1.1	3.02	1.1 No	0.64 Thermal Discharging
SOU064	861	'43986971_/43986973'	1		2	3.33	0.64	0.8	3.01	1.1 No	0.64 Thermal Discharging
SOU064	862	'43986638_/6770232'	1		1.93	3.33	0.64	0.8	3.01	1.1 No	0.64 Thermal Discharging
SOU064	863	'43986993_/43986995'	1		2.1	3.33	0.64	0.5	3.01	1.1 No	0.5 Element Fault
SOU064	864	'5617758_/5617755'	1.23		1.73	3.33	0.64	0.5	3.03	1.1 No	0.5 Element Fault
SOU064	865	'6771992_/6771989_2'	1		1.97	3.33	0.64	0.8	3	1.1 No	0.64 Thermal Discharging
SOU064	866	'580309212_/6773796'	1		1.97	3.33	0.64	0.8	3	1.1 No	0.64 Thermal Discharging
SOU064	867	'6770206_/6770216'	0.97		1.9	3.33	0.64	0.8	3	1.1 No	0.64 Thermal Discharging
SOU064	868	'43987212_/6773514'	1.6		3.33	3.33	0.64	0.5	3	1.1 No	0.5 Element Fault
SOU064	869	'43986836_/43986838'	1.3		1.77	3.33	0.64	0.5	3	1.1 No	0.5 Element Fault
SOU064	870	'5617047_/5617044'	1.23		1.77	3.33	0.64	0.5	3.02	1.1 No	0.5 Element Fault
SOU064	871	'63883183_/43986651'	1.37		2.13	3.33	0.64	1.1	2.97	1.1 No	0.64 Thermal Discharging
SOU064	872	'6770768_/6770781'	1.2		2.17	3.33	0.64	0.55	2.99	1.1 No	0.55 Element Fault
SOU064	873	'43749656_/5625553'	1.07		1.87	3.33	0.64	0.55	3.01	1.1 No	0.55 Element Fault
SOU064	874	'6771898_/6771908'	0.97		2	3.33	0.64	0.5	2.98	1.1 No	0.5 Element Fault
SOU064	875	'6770193_/6770203'	0.97		1.87	3.33	0.64	0.8	2.98	1.1 No	0.64 Thermal Discharging
SOU064	876	'6770653_/6770650'	1.33		2.03	3.33	0.64	1	2.97	1.1 No	0.64 Thermal Discharging
SOU064	877	'420647238_/5617417_2'	1.23		1.73	3.33	0.64	0.5	3.01	1.1 No	0.5 Element Fault
SOU064	878	'43749315_/5617417_1'	1.2		1.73	3.33	0.64	0.5	3	1.1 No	0.5 Element Fault
SOU064	879	'43749623_/5617690'	1.2		1.73	3.33	0.64	0.5	3	1.1 No	0.5 Element Fault
SOU064	880	'43749645_/5626028'	1.2		1.67	3.33	0.64	0.5	2.99	1.1 No	0.5 Element Fault
SOU064	881	'72684831_/580309210'	0.97		1.87	3.33	0.64	0.8	2.96	1.1 No	0.64 Thermal Discharging
SOU064	882	'6771859_/6771869'	1.43		3.33	3.33	0.64	0.5	2.97	1.1 No	0.5 Element Fault
SOU064	883	'43986759_/6770765'	1.17		2.13	3.33	0.64	0.55	2.96	1.1 No	0.55 Element Fault
SOU064	884	'6770962_/6770972'	1.23		1.73	3.33	0.64	0.5	2.96	1.1 No	0.5 Element Fault
SOU064	885	'6771979_/6771989_1'	0.93		1.87	3.33	0.64	0.8	2.95	1.1 No	0.64 Thermal Discharging
SOU064	886	'6770088_/6770752'	1.17		2.13	3.33	0.64	0.55	2.95	1.1 No	0.55 Element Fault
SOU064	887	'6770192_/6770190'	0.93		1.83	3.33	0.64	0.8	2.94	1.1 No	0.64 Thermal Discharging
SOU064	888	'6771885_/6771895'	0.93		1.93	3.33	0.64	0.5	2.94	1.1 No	0.5 Element Fault
SOU064	889	'5625569_/5625566'	1.03		1.8	3.33	0.64	0.55	2.97	1.1 No	0.55 Element Fault
SOU064	890	'43987017_/6771856'	1.37		3.33	3.33	0.64	0.5	2.95	1.1 No	0.5 Element Fault
SOU064	891	'6771183_/7100184'	1.17		1.7	3.33	0.64	0.5	2.97	1.1 No	0.5 Element Fault
SOU064	892	'6771963_/6771976'	0.93		1.83	3.33	0.64	0.8	2.92	1.1 No	0.64 Thermal Discharging
SOU064	893	'5625979_/5625976'	1.17		1.67	3.33	0.64	0.5	2.96	1.1 No	0.5 Element Fault
SOU064	894	'6770669_/6770666'	1.23		1.9	3.33	0.64	1	2.92	1.1 No	0.64 Thermal Discharging
SOU064	895	'5626044_/43749647'	1.13		1.63	3.33	0.64	0.5	2.94	1.1 No	0.5 Element Fault
SOU064	896	'6770949_/6770959'	1.2		1.7	3.33	0.64	0.5	2.93	1.1 No	0.5 Element Fault
SOU064	897	'6770089_/6770086'	1.1		2	3.33	0.64	0.55	2.91	1.1 No	0.55 Element Fault
SOU064	898	'43986737_/43986739'	1.2		1.67	3.33	0.64	0.5	2.91	1.1 No	0.5 Element Fault
SOU064	899	'6771170_/6771180'	1.13		1.63	3.33	0.64	0.5	2.93	1.1 No	0.5 Element Fault
SOU064	900	'5626086_/5626083'	1		1.73	3.33	0.64	0.55	2.93	1.1 No	0.55 Element Fault
SOU064	901	'6771830_/6771843'	1.3		3.33	3.33	0.64	0.5	2.91	1.1 No	0.5 Element Fault
SOU064	902	'6771950_/6771960'	0.9		1.8	3.33	0.64	0.8	2.89	1.1 No	0.64 Thermal Discharging
SOU064	903	'6771884_/6771882'	0.9		1.83	3.33	0.64	0.5	2.9	1.1 No	0.5 Element Fault
SOU064	904	'5626057_/5626054'	1.1		1.57	3.33	0.64	0.5	2.91	1.1 No	0.5 Element Fault
SOU064	905	'5625992_/5625989'	1.1		1.63	3.33	0.64	0.5	2.92	1.1 No	0.5 Element Fault
SOU064	906	'6771157_/6771167'	1.1		1.6	3.33	0.64	0.5	2.91	1.1 No	0.5 Element Fault
SOU064	907	'6771949_/6771947'	0.9		1.73	3.33	0.64	0.8	2.86	1.1 No	0.64 Thermal Discharging
SOU064	908	'6770923_/6770933'	1.13		1.63	3.33	0.64	0.5	2.88	1.1 No	0.5 Element Fault
SOU064	909	'70749149_/6771827'	1.2		3.33	3.33	0.64	0.5	2.87	1.1 No	0.5 Element Fault
SOU064	910	'6771144_/6771154'	1.1		1.6	3.33	0.64	0.5	2.89	1.1 No	0.5 Element Fault
SOU064	911	'5626070_/5626067'	1.07		1.53	3.33	0.64	0.5	2.88	1.1 No	0.5 Element Fault
SOU064	912	'43986825_/43986827'	1.07		1.57	3.33	0.64	0.5	2.88	1.1 No	0.5 Element Fault
SOU064	913	'43752743_/5631957'	1.07		1.57	3.33	0.64	0.5	2.88	1.1 No	0.5 Element Fault
SOU064	914	'6770073_/6770920'	1.13		1.6	3.33	0.64	0.5	2.85	1.1 No	0.5 Element Fault
SOU064	915	'43987006_/43987008'	1.13		2.27	3.33	0.64	0.5	2.83	1.1 No	0.5 Element Fault
SOU064	916	'5626004_/5631970'	1.03		1.53	3.33	0.64	0.5	2.84	1.1 No	0.5 Element Fault
SOU064	917	'6770072_/6770070'	1.07		1.57	3.33	0.64	0.5	2.81	1.1 No	0.5 Element Fault
SOU064	918	'6771118_/6771128'	1.03		1.53	3.33	0.64	0.5	2.83	1.1 No	0.5 Element Fault
SOU064	919	'6771791_/6771801'	1.1		2.07	3.33	0.64	0.5	2.8	1.1 No	0.5 Element Fault
SOU064	920	'5626005_/5626002'	1		1.5	3.33	0.64	0.5	2.8	1.1 No	0.5 Element Fault
SOU064	921	'6771105_/6771115'	1		1.47	3.33	0.64	0.5	2.79	1.1 No	0.5 Element Fault
SOU064	922	'6771790_/6771788'	1.03		1.87	3.33	0.64	0.5	2.75	1.1 No	0.5 Element Fault
SOU064	923	'5626018_/5626015'	0.97		1.47	3.33	0.64	0.5	2.76	1.1 No	0.5 Element Fault
SOU064	924	'6771092_/6771102'	0.97		1.43	3.33	0.64	0.5	2.75	1.1 No	0.5 Element Fault
SOU064	925	'580310261_/6771089'	0.93		1.4	3.33	0.64	0.5	2.71	1.1 No	0.5 Element Fault
SOU064	926	'6771079_/6771193'	0.9		1.37	3.33	0.64	0.5	2.68	1.1 No	0.5 Element Fault
SOU064	927	'6771209_/6771206'	0.9		1.37	3.33	0.64	0.5	2.65	1.1 No	0.5 Element Fault
SOU064	928	'6771066_/6771076'	0.87		1.33	3.33	0.64	0.5	2.64	1.1 No	0.5 Element Fault
SOU064	929	'6771053_/6771063'	0.87		1.33	3.33	0.64	0.5	2.61	1.1 No	0.5 Element Fault

Feeder Name	Feeder ID	Node	Primary Over- Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SOU064	930	'6771225_/6771222'		0.87	1.33	3.33	0.64	0.5	2.61	1.1 No	0.5 Element Fault
SOU064	931	'43986715_/6771050'		0.83	1.3	3.33	0.64	0.5	2.59	1.1 No	0.5 Element Fault
SOU064	932	'6770047_/6770057'		0.83	1.27	3.33	0.64	0.5	2.56	1.1 No	0.5 Element Fault
SOU064	933	'43986704_/43986706'		0.8	1.23	3.33	0.64	0.5	2.52	1.1 No	0.5 Element Fault
SOU064	934	'6770021_/6770031'		0.8	1.23	3.33	0.64	0.5	2.49	1.1 No	0.5 Element Fault
SOU064	935	'6770008_/6770018'		0.77	1.2	3.33	0.64	0.5	2.46	1.1 No	0.5 Element Fault
SOU064	936	'6770007_/43986695'		0.77	1.17	3.33	0.64	0.5	2.44	1.1 No	0.5 Element Fault
SOU065	0	'SOU065_/9039231'		10	10	10	2.24	10	10	4.93 No	2.24 Thermal Discharging
SOU065	1	'7459579_/9039231'		10	10	10	2.24	10	10	4.93 No	2.24 Thermal Discharging
SOU065	2	'7459580_/7459577'		10	10	10	2.24	10	10	4.93 No	2.24 Thermal Discharging
SOU065	3	'8112018_/8402556'		10	10	10	2.24	10	10	4.93 No	2.24 Thermal Discharging
SOU065	4	'8112019_/8112016'		10	10	10	2.24	10	10	4.93 No	2.24 Thermal Discharging
SOU065	5	'8095766_/9040641'		10	10	10	2.24	10	10	4.93 No	2.24 Thermal Discharging
SOU065	6	'8095767_/8095764'		10	10	10	2.24	10	10	4.93 No	2.24 Thermal Discharging
SOU065	7	'7774641_/8404064'		10	10	10	2.24	10	10	4.93 No	2.24 Thermal Discharging
SOU065	8	'7774642_/7774639'		10	10	10	2.24	10	10	4.93 No	2.24 Thermal Discharging
SOU065	9	'9355142_/9668894'		10	10	10	2.24	10	10	4.93 No	2.24 Thermal Discharging
SOU065	10	'9355143_/9355140'		10	10	10	2.24	10	10	4.93 No	2.24 Thermal Discharging
SOU065	11	'9040355_/9355160'		10	10	10	2.24	10	10	4.93 No	2.24 Thermal Discharging
SOU065	12	'8095866_/9040353'		10	10	10	2.24	10	10	4.93 No	2.24 Thermal Discharging
SOU065	13	'8095806_/8095864'		10	10	10	2.24	10	10	4.93 No	2.24 Thermal Discharging
SOU065	14	'8095807_/8095804'		10	10	10	2.24	10	10	4.93 No	2.24 Thermal Discharging
SOU065	15	'8404087_/8404084'		10	10	10	2.24	10	10	4.93 No	2.24 Thermal Discharging
SOU065	16	'7774701_/9355180'		10	10	10	2.24	10	10	4.93 No	2.24 Thermal Discharging
SOU065	17	'7774702_/7774699'		10	10	10	2.24	10	10	4.93 No	2.24 Thermal Discharging
SOU065	18	'7460842_/8404104'		10	10	10	2.24	10	10	4.93 No	2.24 Thermal Discharging
SOU065	19	'114649971_/7460839_1'		10	10	10	2.24	10	10	4.93 No	2.24 Thermal Discharging
SOU065	20	'84386993_/7460839_2'		10	10	10	2.24	10	10	4.93 No	2.24 Thermal Discharging
SOU065	21	'6746265_/6746262'		10	10	10	2.24	10	10	4.93 No	2.24 Thermal Discharging
SOU065	22	'6746285_/6746282'		10	10	10	2.24	10	10	4.93 No	2.24 Thermal Discharging
SOU065	23	'6746302_/6746299'		10	10	10	2.24	10	10	4.93 No	2.24 Thermal Discharging
SOU065	24	'6746319_/6746316'		10	10	10	2.24	10	10	4.93 No	2.24 Thermal Discharging
SOU065	25	'6746336_/6746333'		10	10	10	2.24	10	10	4.93 No	2.24 Thermal Discharging
SOU065	26	'43980734_/6749318'		10	10	10	2.24	4.8	10	4.93 No	2.24 Thermal Discharging
SOU065	27	'6746353_/6746350'		10	10	10	2.24	10	10	4.93 No	2.24 Thermal Discharging
SOU065	28	'6749321_/6749338_1'		10	10	10	2.24	1.6	10	4.93 No	1.6 Element Fault
SOU065	29	'6746370_/6746367'		10	10	10	2.24	10	10	4.93 No	2.24 Thermal Discharging
SOU065	30	'6751578_/6751575_2'	6.67	6.67	6.67	1.488	3.1	6.67	6.67	3.29 No	1.488 Thermal Discharging
SOU065	31	'6746387_/6746384'		10	10	10	2.24	10	10	4.93 No	2.24 Thermal Discharging
SOU065	32	'6746407_/6746404'		10	10	10	2.24	10	10	4.93 No	2.24 Thermal Discharging
SOU065	33	'6746424_/6746421'		10	10	10	2.24	10	10	4.93 No	2.24 Thermal Discharging
SOU065	34	'43980722_/6751575_1'	6.67	6.67	6.67	1.488	1.2	6.67	6.67	3.29 No	1.2 Element Fault
SOU065	35	'6749341_/6749338_2'		10	10	10	2.24	1.6	10	4.93 No	1.6 Element Fault
SOU065	36	'579526963_/6749355'		10	10	10	2.24	1.6	10	4.93 No	1.6 Element Fault
SOU065	37	'6746444_/6746441'		10	10	10	2.24	10	10	4.93 No	2.24 Thermal Discharging
SOU065	38	'6749912_/43980902_2'	6.67	6.67	6.67	1.488	2.2	6.67	6.67	3.29 No	1.488 Thermal Discharging
SOU065	39	'9668771_/9668788_1'		10	10	10	2.24	1.8	10	4.93 No	1.8 Element Fault
SOU065	40	'43980747_/6746458'		10	10	10	2.24	10	10	4.93 No	2.24 Thermal Discharging
SOU065	41	'6746478_/6746475'		10	10	10	2.24	10	10	4.93 No	2.24 Thermal Discharging
SOU065	42	'43980760_/6746492'		10	10	10	2.24	10	10	4.93 No	2.24 Thermal Discharging
SOU065	43	'43980773_/6749466'		10	10	10	2.24	1.6	10	4.93 No	1.6 Element Fault
SOU065	44	'6749253_/6749250'		10	10	10	2.24	10	10	4.93 No	2.24 Thermal Discharging
SOU065	45	'6746252_/6751560'	6.67	6.67	6.67	1.488	1.2	6.67	6.67	3.29 No	1.2 Element Fault
SOU065	46	'43980786_/6749370'	6.67	6.67	6.67	1.488	1.07	6.67	6.67	3.29 No	1.07 Element Fault
SOU065	47	'6750295_/6750292_2'	3.33	3.33	3.33	0.744	1.5	3.33	3.33	1.64 No	0.744 Thermal Discharging
SOU065	48	'6749270_/6749267'		10	10	10	2.24	10	10	4.93 No	2.24 Thermal Discharging
SOU065	49	'6746239_/6746236_2'	3.33	3.33	3.33	0.744	0.6	3.33	3.33	1.64 No	0.6 Element Fault
SOU065	50	'6749287_/6749284'		10	10	10	2.24	10	10	4.93 No	2.24 Thermal Discharging
SOU065	51	'43980900_/43980902_1'	6.67	6.67	6.67	1.488	1.1	6.67	6.67	3.29 No	1.1 Element Fault
SOU065	52	'6749304_/6749301'		10	10	10	2.24	10	10	4.93 No	2.24 Thermal Discharging
SOU065	53	'6758709_/6758706'		10	10	10	2.24	10	10	4.93 No	2.24 Thermal Discharging
SOU065	54	'43980711_/6757950'	6.67	6.67	6.67	1.488	1.2	6.67	6.67	3.29 No	1.2 Element Fault
SOU065	55	'6750282_/6750292_1'	3.33	3.33	3.33	0.744	0.5	3.33	3.33	1.64 No	0.5 Element Fault
SOU065	56	'6746226_/6746236_1'	3.33	3.33	3.33	0.744	0.3	3.33	3.33	1.64 No	0.3 Element Fault
SOU065	57	'6747086_/6760663'		10	10	10	2.24	10	10	4.93 No	2.24 Thermal Discharging
SOU065	58	'6749394_/43980788'	6.67	6.67	6.67	1.488	1.07	6.67	6.67	3.29 No	1.07 Element Fault
SOU065	59	'6749886_/6749896'	3.33	3.33	3.33	0.744	0.55	3.33	3.33	1.64 No	0.55 Element Fault
SOU065	60	'6747087_/6747084'		10	10	10	2.24	10	10	4.93 No	2.24 Thermal Discharging
SOU065	61	'9668791_/9668788_2'		10	10	10	2.24	1.8	10	4.93 No	1.8 Element Fault
SOU065	62	'6747104_/6747101'		10	10	10	2.24	10	10	4.93 No	2.24 Thermal Discharging
SOU065	63	'6747121_/6747134_1'	3.33	3.33	3.33	0.744	0.5	3.33	3.33	1.64 No	0.5 Element Fault
SOU065	64	'434741488_/6753102_1'	3.33	3.33	3.33	0.744	0.5	3.33	3.33	1.64 No	0.5 Element Fault
SOU065	65	'6758743_/6758740'		10	10	10	2.24	10	10	4.93 No	2.24 Thermal Discharging
SOU065	66	'6753164_/6758760'		10	10	10	2.24	10	10	4.93 No	2.24 Thermal Discharging
SOU065	67	'6750269_/6750279'	3.33	3.33	3.33	0.744	0.5	3.33	3.33	1.64 No	0.5 Element Fault
SOU065	68	'6753165_/6753175_1'	3.33	3.33	3.33	0.744	0.5	3.33	3.33	1.64 No	0.5 Element Fault
SOU065	69	'6751537_/6751547'	3.33	3.33	3.33	0.744	0.6	3.33	3.33	1.64 No	0.6 Element Fault
SOU065	70	'6762355_/6762352'		10	10	10	2.24	10	10	4.93 No	2.24 Thermal Discharging
SOU065	71	'6749409_/6749406'	6.67	6.67	6.67	1.488	1.07	6.67	6.67	3.29 No	1.07 Element Fault
SOU065	72	'43980889_/43980891'	3.33	3.33	3.33	0.744	0.55	3.33	3.33	1.64 No	0.55 Element Fault
SOU065	73	'6750256_/6750266'	3.33	3.33	3.33	0.744	0.5	3.33	3.33	1.64 No	0.5 Element Fault
SOU065	74	'6762372_/6762369'		10	10	10	2.24	10	10	4.93 No	2.24 Thermal Discharging
SOU065	75	'6753178_/6753175_2'	3.33	3.33	3.33	0.744	0.5	3.33	3.33	1.64 No	0.5 Element Fault
SOU065	76	'6762315_/6762386'		10	10	10	2.24	10	10	4.93 No	2.24 Thermal Discharging
SOU065	77	'6762316_/6762326_1'	3.33	3.33	3.33	0.744	0.5	3.33	3.33	1.64 No	0.5 Element Fault
SOU065	78	'6746213_/6746223'	3.33	3.33	3.33	0.744	0.3	3.33	3.33	1.64 No	0.3 Element Fault
SOU065	79	'6758779_/6762420'		10	10	10	2.24	10	10	4.93 No	2.24 Thermal Discharging
SOU065	80	'43981327_/6758777'		10	10	10	2.24	10	10	4.93 No	2.24 Thermal Discharging
SOU065	81	'6758797_/43981329'		10	10	10	2.24	10	10	4.93 No	2.24 Thermal Discharging
SOU065	82	'6762329_/6762326_2'	3.33	3.33	3.33	0.744	0.5	3.33	3.33	1.64 No	0.5 Element Fault
SOU065	83	'6758814_/6758811'		10	10	10	2.24	10	10	4.93 No	2.24 Thermal Discharging
SOU065	84	'43981015_/6750253'	3.33	3.33	3.33	0.744	0.5	3.33	3.33	1.64 No	0.5 Element Fault
SOU065	85	'43980700_/6751534'	3.33	3.33	3.33	0.744	0.6	3.33	3.33	1.64 No	0.6 Element Fault
SOU065	86	'43981340_/6758828'		10	10	10	2.24	10	10	4.93 No	2.24 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over- Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SOU065	87	'6758831_/_6758845_1'		10	10	10	2.24	10	10	4.93 No	2.24 Thermal Discharging
SOU065	88	'6749424_/_6749421'		6.67	6.67	6.67	1.488	1.07	6.67	3.29 No	1.07 Element Fault
SOU065	89	'84387051_/_6753102_2'		3.33	3.33	3.33	0.744	0.5	3.33	1.64 No	0.5 Element Fault
SOU065	90	'6746212_/_6746210'		3.33	3.33	3.33	0.744	0.3	3.33	1.64 No	0.3 Element Fault
SOU065	91	'6758848_/_6758845_2'		10	10	10	2.24	10	10	4.93 No	2.24 Thermal Discharging
SOU065	92	'6749860_/_6749870'		3.33	3.33	3.33	0.744	0.55	3.33	1.64 No	0.55 Element Fault
SOU065	93	'6758865_/_6758862'		10	10	10	2.24	10	10	4.93 No	2.24 Thermal Discharging
SOU065	94	'6760727_/_6762339'		3.33	3.33	3.33	0.744	0.5	3.33	1.64 No	0.5 Element Fault
SOU065	95	'6758882_/_6758879'		10	10	10	2.24	10	10	4.93 No	2.24 Thermal Discharging
SOU065	96	'6747137_/_6747134_2'		3.33	3.33	3.33	0.744	0.5	3.33	1.64 No	0.5 Element Fault
SOU065	97	'6751495_/_6751505'		3.33	3.33	3.33	0.744	0.3	3.33	1.64 No	0.3 Element Fault
SOU065	98	'43981353_/_6758896'		10	10	10	2.24	10	10	4.93 No	2.24 Thermal Discharging
SOU065	99	'6753191_/_6753188'		3.33	3.33	3.33	0.744	0.5	3.33	1.64 No	0.5 Element Fault
SOU065	100	'6758916_/_6758913'		10	10	10	2.24	10	10	4.93 No	2.24 Thermal Discharging
SOU065	101	'6749439_/_6749436'		6.67	6.67	6.67	1.488	1.07	6.67	3.29 No	1.07 Element Fault
SOU065	102	'6758933_/_6758930'		10	10	10	2.24	10	10	4.93 No	2.24 Thermal Discharging
SOU065	103	'6751258_/_6751521'		3.33	3.33	3.33	0.744	0.6	3.33	1.64 No	0.6 Element Fault
SOU065	104	'6753125_/_43981281'		3.33	3.33	3.33	0.744	0.5	3.33	1.64 No	0.5 Element Fault
SOU065	105	'6760494_/_6760504'		3.33	3.33	3.33	0.744	0.5	3.33	1.64 No	0.5 Element Fault
SOU065	106	'6751624_/_6751637'		3.33	3.33	3.33	0.744	0.3	3.33	1.64 No	0.3 Element Fault
SOU065	107	'6758950_/_6758947'		10	10	10	2.24	10	10	4.93 No	2.24 Thermal Discharging
SOU065	108	'43981316_/_6760725'		3.33	3.33	3.33	0.744	0.5	3.33	1.64 No	0.5 Element Fault
SOU065	109	'43982770_/_6758967'		10	10	10	2.24	10	10	4.93 No	2.24 Thermal Discharging
SOU065	110	'6749847_/_6749857'		3.33	3.33	3.33	0.744	0.55	3.33	1.64 No	0.55 Element Fault
SOU065	111	'6753315_/_43982772'		10	10	10	2.24	10	10	4.93 No	2.24 Thermal Discharging
SOU065	112	'43980689_/_43980691'		3.33	3.33	3.33	0.744	0.3	3.33	1.64 No	0.3 Element Fault
SOU065	113	'579527167_/_6753312_1'		10	10	10	2.24	2.4	10	4.93 No	2.24 Thermal Discharging
SOU065	114	'6761474_/_6764169'		3.33	3.33	3.33	0.744	0.5	3.33	1.64 No	0.5 Element Fault
SOU065	115	'43982783_/_6759035'		10	10	10	2.24	10	10	4.93 No	2.24 Thermal Discharging
SOU065	116	'6749454_/_6749451'		6.67	6.67	6.67	1.488	1.07	6.67	3.29 No	1.07 Element Fault
SOU065	117	'6751482_/_6751479_2'		3.33	3.33	3.33	0.744	0.3	3.33	1.64 No	0.3 Element Fault
SOU065	118	'6759004_/_6759001'		10	10	10	2.24	10	10	4.93 No	2.24 Thermal Discharging
SOU065	119	'6750323_/_6760491'		3.33	3.33	3.33	0.744	0.5	3.33	1.64 No	0.5 Element Fault
SOU065	120	'6759021_/_6759018'		10	10	10	2.24	10	10	4.93 No	2.24 Thermal Discharging
SOU065	121	'44702765_/_6760738'		3.33	3.33	3.33	0.744	0.5	3.33	1.64 No	0.5 Element Fault
SOU065	122	'6761805_/_6761802'		10	10	10	2.24	10	10	4.93 No	2.24 Thermal Discharging
SOU065	123	'6753298_/_6753312_2'		10	10	10	2.24	2.4	10	4.93 No	2.24 Thermal Discharging
SOU065	124	'65459953_/_6761819'		10	10	10	2.24	10	10	4.93 No	2.24 Thermal Discharging
SOU065	125	'6761615_/_6764182'		3.33	3.33	3.33	0.744	0.5	3.33	1.64 No	0.5 Element Fault
SOU065	126	'96580885_/_85950418_2'		10	10	10	2.24	10	10	4.93 No	2.24 Thermal Discharging
SOU065	127	'87683485_/_65459977'		10	10	10	2.24	10	10	4.93 No	2.24 Thermal Discharging
SOU065	128	'6751611_/_6751621'		3.33	3.33	3.33	0.744	0.3	3.33	1.64 No	0.3 Element Fault
SOU065	129	'6753148_/_6753145'		3.33	3.33	3.33	0.744	0.5	3.33	1.64 No	0.5 Element Fault
SOU065	130	'85950394_/_85950318_1'		10	10	10	2.24	10	10	4.93 No	2.24 Thermal Discharging
SOU065	131	'43982688_/_43982690'		3.33	3.33	3.33	0.744	0.6	3.33	1.64 No	0.6 Element Fault
SOU065	132	'43980878_/_6749844'		3.33	3.33	3.33	0.744	0.55	3.33	1.64 No	0.55 Element Fault
SOU065	133	'6753297_/_6753295'		10	10	10	2.24	2.4	10	4.93 No	2.24 Thermal Discharging
SOU065	134	'43984185_/_6761471'		3.33	3.33	3.33	0.744	0.5	3.33	1.64 No	0.5 Element Fault
SOU065	135	'6761789_/_87683567'		3.33	3.33	3.33	0.744	1.4	3.33	1.64 No	0.744 Thermal Discharging
SOU065	136	'6751469_/_6751479_1'		3.33	3.33	3.33	0.744	0.3	3.33	1.64 No	0.3 Element Fault
SOU065	137	'6751443_/_6751608'		3.33	3.33	3.33	0.744	0.3	3.33	1.64 No	0.3 Element Fault
SOU065	138	'87683672_/_7099939_2'		3.33	3.33	3.33	0.744	1.4	3.33	1.64 No	0.744 Thermal Discharging
SOU065	139	'6751349_/_6751359'		3.33	3.33	3.33	0.744	0.5	3.33	1.64 No	0.5 Element Fault
SOU065	140	'6750324_/_6750321'		3.33	3.33	3.33	0.744	0.5	3.33	1.64 No	0.5 Element Fault
SOU065	141	'43980667_/_43980669'		3.33	3.33	3.33	0.744	0.3	3.33	1.64 No	0.3 Element Fault
SOU065	142	'6749833_/_6749831'		3.23	3.33	3.33	0.744	0.55	3.33	1.64 No	0.55 Element Fault
SOU065	143	'43982744_/_43982746'		10	10	10	2.24	2.4	10	4.93 No	2.24 Thermal Discharging
SOU065	144	'5612167_/_7099939_1'		3.33	3.33	3.33	0.744	0.5	3.33	1.64 No	0.5 Element Fault
SOU065	145	'6761616_/_6761613'		3.33	3.33	3.33	0.744	0.5	3.33	1.64 No	0.5 Element Fault
SOU065	146	'6751228_/_6751239'		3.23	3.33	3.33	0.744	0.6	3.33	1.64 No	0.6 Element Fault
SOU065	147	'6761460_/_6761458'		3.33	3.33	3.33	0.744	0.5	3.33	1.64 No	0.5 Element Fault
SOU065	148	'43980678_/_6751466'		2.93	3.33	3.33	0.744	0.3	3.33	1.64 No	0.3 Element Fault
SOU065	149	'43982757_/_6763438'		3.33	3.33	3.33	0.744	0.8	3.33	1.64 No	0.744 Thermal Discharging
SOU065	150	'6761529_/_6761626'		3.33	3.33	3.33	0.744	0.5	3.33	1.64 No	0.5 Element Fault
SOU065	151	'6763441_/_8404340_1'		3.33	3.33	3.33	0.744	0.5	3.33	1.64 No	0.5 Element Fault
SOU065	152	'6751414_/_6751424'		2.97	3.33	3.33	0.744	0.3	3.33	1.64 No	0.3 Element Fault
SOU065	153	'6750337_/_6750334'		3.33	3.33	3.33	0.744	0.5	3.33	1.64 No	0.5 Element Fault
SOU065	154	'6753468_/_6763401'		10	10	10	2.24	2.4	10	4.93 No	2.24 Thermal Discharging
SOU065	155	'43748197_/_5612165'		3.33	3.33	3.33	0.744	0.5	3.33	1.64 No	0.5 Element Fault
SOU065	156	'6750090_/_6750087'		2.67	3.33	3.33	0.744	0.55	3.33	1.64 No	0.55 Element Fault
SOU065	157	'6751229_/_6751226'		2.67	3.33	3.33	0.744	0.6	3.33	1.64 No	0.6 Element Fault
SOU065	158	'6751284_/_6751294'		2.6	3.33	3.33	0.744	0.55	3.33	1.64 No	0.55 Element Fault
SOU065	159	'6751348_/_6751346'		3.07	3.33	3.33	0.744	0.5	3.33	1.64 No	0.5 Element Fault
SOU065	160	'85950450_/_85950418_1'		10	10	10	2.24	10	10	4.93 No	2.24 Thermal Discharging
SOU065	161	'8096004_/_8404340_2'		3.33	3.33	3.33	0.744	0.5	3.33	1.64 No	0.5 Element Fault
SOU065	162	'43982733_/_43982735'		3.33	3.33	3.33	0.744	0.8	3.33	1.64 No	0.744 Thermal Discharging
SOU065	163	'43984207_/_43984209'		2.83	3.33	3.33	0.744	0.5	3.33	1.64 No	0.5 Element Fault
SOU065	164	'6753467_/_9344152_1'		3.33	3.33	3.33	0.744	0.5	3.33	1.64 No	0.5 Element Fault
SOU065	165	'6746511_/_6750347'		2.8	3.33	3.33	0.744	0.5	3.33	1.64 No	0.5 Element Fault
SOU065	166	'5612181_/_43748199'		3.33	3.33	3.33	0.744	0.5	3.33	1.64 No	0.5 Element Fault
SOU065	167	'6751216_/_6751453'		2.37	3.33	3.33	0.744	0.3	3.33	1.64 No	0.3 Element Fault
SOU065	168	'6751401_/_6751411'		2.4	3.33	3.33	0.744	0.3	3.33	1.64 No	0.3 Element Fault
SOU065	169	'6761642_/_6761639'		2.53	3.33	3.33	0.744	0.5	3.33	1.64 No	0.5 Element Fault
SOU065	170	'6750103_/_6750100'		2.23	3.33	3.33	0.744	0.55	3.33	1.64 No	0.55 Element Fault
SOU065	171	'8096005_/_8096002'		3.33	3.33	3.33	0.744	0.5	3.33	1.64 No	0.5 Element Fault
SOU065	172	'6746512_/_6746509'		2.47	3.33	3.33	0.744	0.5	3.33	1.64 No	0.5 Element Fault
SOU065	173	'6746524_/_6746522'		2.43	3.33	3.33	0.744	0.5	3.33	1.64 No	0.5 Element Fault
SOU065	174	'43982711_/_6751281'		2.13	3.33	3.33	0.744	0.55	3.33	1.64 No	0.55 Element Fault
SOU065	175	'8095989_/_9344152_2'		3.33	3.33	3.33	0.744	0.5	3.33	1.64 No	0.5 Element Fault
SOU065	176	'43752570_/_5625855'		3.33	3.33	3.33	0.744	0.5	3.33	1.64 No	0.5 Element Fault
SOU065	177	'37923351_/_65039659'		10	10	10	2.24	10	10	4.93 No	2.24 Thermal Discharging
SOU065	178	'404486106_/_37923348'		10	10	10	2.24	10	10	4.93 No	2.24 Thermal Discharging
SOU065	179	'37923379_/_37923376'		10	10	10	2.24	5.6	10	4.93 No	2.24 Thermal Discharging
SOU065	180	'37923330_/_37923334'		10	10	10	2.24	10	10	4.93 No	2.24 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SOU065	181	'6761503_/6761513'	2.3	3.33	3.33	0.744	0.5	3.33	1.64 No	0.5	Element Fault
SOU065	182	'43984556_/6763533'	2.3	3.33	3.33	0.744	0.5	3.33	1.64 No	0.5	Element Fault
SOU065	183	'6751203_/6751213'	2.03	3.33	3.33	0.744	0.3	3.33	1.64 No	0.3	Element Fault
SOU065	184	'8985000_/8984997'	10	10	10	2.24	10	10	4.93 No	2.24	Thermal Discharging
SOU065	185	'43980656_/6751398'	2.07	3.33	3.33	0.744	0.3	3.33	1.64 No	0.3	Element Fault
SOU065	186	'579365723_/6761500'	2.2	3.33	3.33	0.744	0.5	3.33	1.64 No	0.5	Element Fault
SOU065	187	'8985019_/9300672'	10	10	10	2.24	10	10	4.93 No	2.24	Thermal Discharging
SOU065	188	'43980978_/6750137'	2	3.33	3.33	0.744	0.55	3.33	1.64 No	0.55	Element Fault
SOU065	189	'43752575_/43752572'	3.33	3.33	3.33	0.744	0.5	3.33	1.64 No	0.5	Element Fault
SOU065	190	'6761655_/6761652'	2.13	3.33	3.33	0.744	0.5	3.33	1.64 No	0.5	Element Fault
SOU065	191	'253125210_/253125218'	10	10	10	2.24	10	10	4.93 No	2.24	Thermal Discharging
SOU065	192	'9668810_/9668824'	2.8	3.33	3.33	0.744	0.5	3.33	1.64 No	0.5	Element Fault
SOU065	193	'6751323_/6751333'	1.93	3.33	3.33	0.744	0.55	3.33	1.64 No	0.55	Element Fault
SOU065	194	'7460710_/8095986'	2.87	3.33	3.33	0.744	0.5	3.33	1.64 No	0.5	Element Fault
SOU065	195	'579363946_/6763546'	2.07	3.33	3.33	0.744	0.5	3.33	1.64 No	0.5	Element Fault
SOU065	196	'6751374_/6751372'	2.03	3.33	3.33	0.744	0.5	3.33	1.64 No	0.5	Element Fault
SOU065	197	'6760686_/6760683'	2.1	3.33	3.33	0.744	0.5	3.33	1.64 No	0.5	Element Fault
SOU065	198	'302517056_/302517063'	10	10	10	2.24	10	10	4.93 No	2.24	Thermal Discharging
SOU065	199	'6751190_/6751200'	1.83	3.33	3.33	0.744	0.3	3.33	1.64 No	0.3	Element Fault
SOU065	200	'6751270_/43982701'	1.83	3.33	3.33	0.744	0.55	3.33	1.64 No	0.55	Element Fault
SOU065	201	'302517183_/302517106'	9.9	10	10	2.24	10	10	4.93 No	2.24	Thermal Discharging
SOU065	202	'6750153_/43980980'	1.83	3.33	3.33	0.744	0.55	3.33	1.64 No	0.55	Element Fault
SOU065	203	'6761574_/6761665'	1.97	3.33	3.33	0.744	0.5	3.33	1.64 No	0.5	Element Fault
SOU065	204	'6763549_/579363944'	1.97	3.33	3.33	0.744	0.5	3.33	1.64 No	0.5	Element Fault
SOU065	205	'6751310_/6751320'	1.8	3.33	3.33	0.744	0.55	3.33	1.64 No	0.55	Element Fault
SOU065	206	'6751177_/6751385'	1.8	3.33	3.33	0.744	0.3	3.33	1.64 No	0.3	Element Fault
SOU065	207	'7460709_/7460707'	2.5	3.33	3.33	0.744	0.5	3.33	1.64 No	0.5	Element Fault
SOU065	208	'8403952_/9668808_1'	2.47	3.33	3.33	0.744	0.5	3.33	1.64 No	0.5	Element Fault
SOU065	209	'65039984_/65039978'	8.8	10	10	2.24	5.6	10	4.93 No	2.24	Thermal Discharging
SOU065	210	'6751189_/6751187'	1.73	3.33	3.33	0.744	0.3	3.33	1.64 No	0.3	Element Fault
SOU065	211	'579364577_/302517187'	9	10	10	2.24	10	10	4.93 No	2.24	Thermal Discharging
SOU065	212	'579526491_/302517140_1'	8.7	10	10	2.24	10	10	4.93 No	2.24	Thermal Discharging
SOU065	213	'475573837_/302517140_2'	8.7	10	10	2.24	10	10	4.93 No	2.24	Thermal Discharging
SOU065	214	'6760258_/43983967'	1.83	3.33	3.33	0.744	0.5	3.33	1.64 No	0.5	Element Fault
SOU065	215	'579364067_/475573841'	8.6	10	10	2.24	10	10	4.93 No	2.24	Thermal Discharging
SOU065	216	'6761558_/6761571'	1.8	3.33	3.33	0.744	0.5	3.33	1.64 No	0.5	Element Fault
SOU065	217	'6763562_/6763559'	1.8	3.33	3.33	0.744	0.5	3.33	1.64 No	0.5	Element Fault
SOU065	218	'6753075_/6760712'	1.83	3.33	3.33	0.744	0.5	3.33	1.64 No	0.5	Element Fault
SOU065	219	'5610458_/5610455'	8.5	10	10	2.24	10	10	4.93 No	2.24	Thermal Discharging
SOU065	220	'475573975_/475573952_2'	8.3	10	10	2.24	5.3	10	4.93 No	2.24	Thermal Discharging
SOU065	221	'6752669_/6760699'	1.8	3.33	3.33	0.744	0.5	3.33	1.64 No	0.5	Element Fault
SOU065	222	'5610833_/5610830'	8.5	10	10	2.24	10	10	4.93 No	2.24	Thermal Discharging
SOU065	223	'96555772_/65040574'	5.07	6.67	6.67	1.488	3.73	6.67	3.29 No	1.488	Thermal Discharging
SOU065	224	'6750166_/6750163'	1.63	3.33	3.33	0.744	0.55	3.33	1.64 No	0.55	Element Fault
SOU065	225	'6751309_/6751307'	1.63	3.33	3.33	0.744	0.55	3.33	1.64 No	0.55	Element Fault
SOU065	226	'5610850_/5610847'	8.4	10	10	2.24	10	10	4.93 No	2.24	Thermal Discharging
SOU065	227	'6751164_/6751174'	1.6	3.33	3.33	0.744	0.3	3.33	1.64 No	0.3	Element Fault
SOU065	228	'6761600_/6761693'	1.7	3.33	3.33	0.744	0.5	3.33	1.64 No	0.5	Element Fault
SOU065	229	'73762892_/5610864'	8.3	10	10	2.24	10	10	4.93 No	2.24	Thermal Discharging
SOU065	230	'6763575_/6763572'	1.67	3.33	3.33	0.744	0.5	3.33	1.64 No	0.5	Element Fault
SOU065	231	'6761545_/6761555'	1.67	3.33	3.33	0.744	0.5	3.33	1.64 No	0.5	Element Fault
SOU065	232	'475573915_/475573952_1'	7.4	10	10	2.24	1.5	10	4.93 No	1.5	Element Fault
SOU065	233	'73763014_/73762779_2'	8	10	10	2.24	5.3	10	4.93 No	2.24	Thermal Discharging
SOU065	234	'5610475_/5610472'	8.2	10	10	2.24	10	10	4.93 No	2.24	Thermal Discharging
SOU065	235	'51264102_/5610506'	8.1	10	10	2.24	10	10	4.93 No	2.24	Thermal Discharging
SOU065	236	'6752656_/6752666'	1.67	3.33	3.33	0.744	0.5	3.33	1.64 No	0.5	Element Fault
SOU065	237	'5610509_/51264099'	8.1	10	10	2.24	10	10	4.93 No	2.24	Thermal Discharging
SOU065	238	'51264149_/51264128_1'	7.9	10	10	2.24	1.6	10	4.93 No	1.6	Element Fault
SOU065	239	'5611820_/5611817'	8	10	10	2.24	10	10	4.93 No	2.24	Thermal Discharging
SOU065	240	'579526881_/5611906'	8	10	10	2.24	10	10	4.93 No	2.24	Thermal Discharging
SOU065	241	'6761714_/6761711'	1.6	3.33	3.33	0.744	0.5	3.33	1.64 No	0.5	Element Fault
SOU065	242	'43747355_/579363936'	8	10	10	2.24	10	10	4.93 No	2.24	Thermal Discharging
SOU065	243	'6751163_/6751161'	1.5	3.33	3.33	0.744	0.3	3.33	1.64 No	0.3	Element Fault
SOU065	244	'43981268_/6753073'	1.6	3.33	3.33	0.744	0.5	3.33	1.64 No	0.5	Element Fault
SOU065	245	'49209827_/49209847'	7.8	10	10	2.24	10	10	4.93 No	2.24	Thermal Discharging
SOU065	246	'73762768_/73762779_1'	7	10	10	2.24	1.6	10	4.93 No	1.6	Element Fault
SOU065	247	'55047108_/55047105'	2.53	3.33	3.33	0.744	1.5	3.33	1.64 No	0.744	Thermal Discharging
SOU065	248	'6761587_/6761597'	1.53	3.33	3.33	0.744	0.5	3.33	1.64 No	0.5	Element Fault
SOU065	249	'55047196_/55047137_1'	2.53	3.33	3.33	0.744	0.2	3.33	1.64 No	0.2	Element Fault
SOU065	250	'49209802_/49209824'	7.7	10	10	2.24	10	10	4.93 No	2.24	Thermal Discharging
SOU065	251	'6761544_/6761542'	1.53	3.33	3.33	0.744	0.5	3.33	1.64 No	0.5	Element Fault
SOU065	252	'6761729_/6761726'	1.53	3.33	3.33	0.744	0.5	3.33	1.64 No	0.5	Element Fault
SOU065	253	'6752655_/43981170'	1.53	3.33	3.33	0.744	0.5	3.33	1.64 No	0.5	Element Fault
SOU065	254	'49209775_/49209799'	7.6	10	10	2.24	10	10	4.93 No	2.24	Thermal Discharging
SOU065	255	'49209746_/49209772'	7.5	10	10	2.24	10	10	4.93 No	2.24	Thermal Discharging
SOU065	256	'51264131_/51264128_2'	6.5	10	10	2.24	1.6	10	4.93 No	1.6	Element Fault
SOU065	257	'6747337_/6761741'	1.47	3.33	3.33	0.744	0.5	3.33	1.64 No	0.5	Element Fault
SOU065	258	'49209713_/49209743'	7.3	10	10	2.24	10	10	4.93 No	2.24	Thermal Discharging
SOU065	259	'31378003_/49209710_1'	7.3	10	10	2.24	10	10	4.93 No	2.24	Thermal Discharging
SOU065	260	'55047130_/55047137_2'	2.23	3.33	3.33	0.744	0.2	3.33	1.64 No	0.2	Element Fault
SOU065	261	'6753089_/6753086'	1.43	3.33	3.33	0.744	0.5	3.33	1.64 No	0.5	Element Fault
SOU065	262	'6761586_/6761584'	1.4	3.33	3.33	0.744	0.5	3.33	1.64 No	0.5	Element Fault
SOU065	263	'44160959_/49209710_2'	7.2	10	10	2.24	10	10	4.93 No	2.24	Thermal Discharging
SOU065	264	'8145733_/8145731_1'	7.2	10	10	2.24	10	10	4.93 No	2.24	Thermal Discharging
SOU065	265	'65039421_/65039417'	5.8	10	10	2.24	5.6	10	4.93 No	2.24	Thermal Discharging
SOU065	266	'65039406_/65039410'	5.8	10	10	2.24	5.6	10	4.93 No	2.24	Thermal Discharging
SOU065	267	'65039393_/65039555'	5.8	10	10	2.24	5.6	10	4.93 No	2.24	Thermal Discharging
SOU065	268	'65039362_/65039389'	5.8	10	10	2.24	5.6	10	4.93 No	2.24	Thermal Discharging
SOU065	269	'403795765_/403795762'	5.8	10	10	2.24	5.6	10	4.93 No	2.24	Thermal Discharging
SOU065	270	'96555758_/65040474_2'	3.33	3.33	3.33	0.744	1.87	3.33	1.64 No	0.744	Thermal Discharging
SOU065	271	'6760653_/6760650'	1.37	3.33	3.33	0.744	0.5	3.33	1.64 No	0.5	Element Fault
SOU065	272	'96555886_/65040474_1'	3.33	3.33	3.33	0.744	1.87	3.33	1.64 No	0.744	Thermal Discharging
SOU065	273	'85952460_/85952419'	3.67	6.67	6.67	1.488	3.73	6.67	3.29 No	1.488	Thermal Discharging
SOU065	274	'96555821_/65040520_2'	3.33	3.33	3.33	0.744	1.7	3.33	1.64 No	0.744	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SOU065	275	'9655870_/96555800_2'	3.33		3.33	3.33	0.744	1.87	3.33	1.64 No	0.744 Thermal Discharging
SOU065	276	'86500790_/70859931_2'	5.5		10	10	2.24	5.3	10	4.93 No	2.24 Thermal Discharging
SOU065	277	'53448697_/8145731_2'	6.7		10	10	2.24	10	10	4.93 No	2.24 Thermal Discharging
SOU065	278	'86500568_/70859931_1'	5.5		10	10	2.24	1.5	10	4.93 No	1.5 Element Fault
SOU065	279	'65040471_/65040520_1'	3.33		3.33	3.33	0.744	0.5	3.33	1.64 No	0.5 Element Fault
SOU065	280	'96581347_/85951919'	5.5		10	10	2.24	5.6	10	4.93 No	2.24 Thermal Discharging
SOU065	281	'579365359_/86500605'	5.4		10	10	2.24	1.5	10	4.93 No	1.5 Element Fault
SOU065	282	'65039861_/65039864'	3.33		3.33	3.33	0.744	0.5	3.33	1.64 No	0.5 Element Fault
SOU065	283	'119171522_/6747334'	1.3		3.33	3.33	0.744	0.5	3.33	1.64 No	0.5 Element Fault
SOU065	284	'59958119_/53448726'	6.4		10	10	2.24	10	10	4.93 No	2.24 Thermal Discharging
SOU065	285	'404486688_/37923782'	6.4		10	10	2.24	10	10	4.93 No	2.24 Thermal Discharging
SOU065	286	'59958129_/37923803'	6.4		10	10	2.24	4.8	10	4.93 No	2.24 Thermal Discharging
SOU065	287	'43746205_/65039839'	3.33		3.33	3.33	0.744	0.5	3.33	1.64 No	0.5 Element Fault
SOU065	288	'37923882_/8044664'	5.9		10	10	2.24	4.8	10	4.93 No	2.24 Thermal Discharging
SOU065	289	'37923876_/37923887'	5.9		10	10	2.24	4.8	10	4.93 No	2.24 Thermal Discharging
SOU065	290	'37923904_/37923894'	5.9		10	10	2.24	4.8	10	4.93 No	2.24 Thermal Discharging
SOU065	291	'37923869_/37923873'	5.9		10	10	2.24	2.5	10	4.93 No	2.24 Thermal Discharging
SOU065	292	'404503554_/404503551'	5.9		10	10	2.24	4.8	10	4.93 No	2.24 Thermal Discharging
SOU065	293	'85951993_/85952454'	5.1		10	10	2.24	5.6	10	4.93 No	2.24 Thermal Discharging
SOU065	294	'328303033_/328303037'	5.7		10	10	2.24	4.8	10	4.93 No	2.24 Thermal Discharging
SOU065	295	'5605357_/5607457'	3.33		3.33	3.33	0.744	0.5	3.33	1.64 No	0.5 Element Fault
SOU065	296	'43746669_/5605354'	3.33		3.33	3.33	0.744	0.5	3.33	1.64 No	0.5 Element Fault
SOU065	297	'9612355_/9612453'	5.1		10	10	2.24	4.8	10	4.93 No	2.24 Thermal Discharging
SOU065	298	'5605340_/5605338'	2.43		3.33	3.33	0.744	0.5	3.33	1.64 No	0.5 Element Fault
SOU065	299	'6977334_/7099766'	1.97		3.33	3.33	0.744	0.5	3.33	1.64 No	0.5 Element Fault
SOU065	300	'86500587_/579363958'	1.83		3.33	3.33	0.744	0.5	3.33	1.64 No	0.5 Element Fault
SOU065	301	'96581393_/85952585_2'	2.03		3.33	3.33	0.744	1.87	3.33	1.64 No	0.744 Thermal Discharging
SOU065	302	'8358347_/8358344'	4.1		10	10	2.24	2.5	10	4.93 No	2.24 Thermal Discharging
SOU065	303	'96581476_/85952585_1'	2.03		3.33	3.33	0.744	1.87	3.33	1.64 No	0.744 Thermal Discharging
SOU065	304	'96581412_/85952617_2'	2		3.33	3.33	0.744	1.7	3.33	1.64 No	0.744 Thermal Discharging
SOU065	305	'96581456_/85952668_2'	2		3.33	3.33	0.744	1.87	3.33	1.64 No	0.744 Thermal Discharging
SOU065	306	'87684346_/85952617_1'	1.93		3.33	3.33	0.744	0.5	3.33	1.64 No	0.5 Element Fault
SOU065	307	'579365798_/44035014'	1.67		3.33	3.33	0.744	0.5	3.33	1.64 No	0.5 Element Fault
SOU065	308	'6977267_/6977277'	1.87		3.33	3.33	0.744	0.5	3.33	1.64 No	0.5 Element Fault
SOU065	309	'6977293_/6977290'	1.83		3.33	3.33	0.744	0.5	3.33	1.64 No	0.5 Element Fault
SOU065	310	'43746227_/6977303'	1.73		3.33	3.33	0.744	0.5	3.33	1.64 No	0.5 Element Fault
SOU065	311	'6977254_/6977264_2'	1.67		3.33	3.33	0.744	0.5	3.33	1.64 No	0.5 Element Fault
SOU065	312	'44035023_/6977264_1'	1.63		3.33	3.33	0.744	0.5	3.33	1.64 No	0.5 Element Fault
SOU065	313	'5605298_/43746229'	1.6		3.33	3.33	0.744	0.5	3.33	1.64 No	0.5 Element Fault
SOU065	314	'5605299_/5605296'	1.53		3.33	3.33	0.744	0.5	3.33	1.64 No	0.5 Element Fault
SOU065	315	'67838507_/8665829'	3.4		10	10	2.24	2.5	10	4.93 No	2.24 Thermal Discharging
SOU065	316	'67838403_/67838598'	3.4		10	10	2.24	2.5	10	4.93 No	2.24 Thermal Discharging
SOU065	317	'67838496_/67838592'	1.13		3.33	3.33	0.744	0.83	3.33	1.64 No	0.744 Thermal Discharging
SOU065	318	'67838477_/67838562'	3.4		10	10	2.24	2.5	10	4.93 No	2.24 Thermal Discharging
SOU065	319	'67838487_/67838574'	3.4		10	10	2.24	2.5	10	4.93 No	2.24 Thermal Discharging
SOU065	320	'8044551_/8044548'	1.13		3.33	3.33	0.744	0.83	3.33	1.64 No	0.744 Thermal Discharging
SOU065	321	'8044567_/8044564'	3.2		10	10	2.24	2.5	10	4.93 No	2.24 Thermal Discharging
SOU065	322	'5605312_/5605309'	1.43		3.33	3.33	0.744	0.5	3.33	1.64 No	0.5 Element Fault
SOU065	323	'641468679_/641468683'	3.1		10	10	2.24	2.5	10	4.93 No	2.24 Thermal Discharging
SOU065	324	'5605328_/5605325'	1.33		3.33	3.33	0.744	0.5	3.33	1.64 No	0.5 Element Fault
SOU065	325	'8665852_/8665849'	2.7		10	10	2.24	2.5	10	4.93 No	2.24 Thermal Discharging
SOU065	326	'7513960_/8762488'	2.6		10	10	2.24	2.5	10	4.93 No	2.24 Thermal Discharging
SOU065	327	'7513961_/7513958'	2.4		10	10	2.24	2.5	10	4.93 No	2.24 Thermal Discharging
SOU065	328	'7470968_/9093495'	2.3		10	10	2.24	2.5	10	4.93 No	2.24 Thermal Discharging
SOU065	329	'36454509_/64020093'	2.3		10	10	2.24	2.5	10	4.93 No	2.24 Thermal Discharging
SOU066	0	'SOU066_/6473514865'	10		10	10	0.816	10	10	5.14 No	0.816 Thermal Discharging
SOU066	1	'Node_6473514564_/6473514865'	10		10	10	0.816	10	10	5.14 No	0.816 Thermal Discharging
SOU066	2	'8719194_/6473514553'	10		10	10	0.816	10	10	5.14 No	0.816 Thermal Discharging
SOU066	3	'7459673_/9039291'	10		10	10	0.816	10	10	5.14 No	0.816 Thermal Discharging
SOU066	4	'7459674_/7459671'	10		10	10	0.816	10	10	5.14 No	0.816 Thermal Discharging
SOU066	5	'8720535_/9038685'	10		10	10	0.816	10	10	5.14 No	0.816 Thermal Discharging
SOU066	6	'8720534_/8720532'	10		10	10	0.816	10	10	5.14 No	0.816 Thermal Discharging
SOU066	7	'7772896_/9667338'	10		10	10	0.816	10	10	5.14 No	0.816 Thermal Discharging
SOU066	8	'7772895_/7772893'	10		10	10	0.816	10	10	5.14 No	0.816 Thermal Discharging
SOU066	9	'7772876_/8402176'	10		10	10	0.816	10	10	5.14 No	0.816 Thermal Discharging
SOU066	10	'7459240_/7772873'	10		10	10	0.816	10	10	5.14 No	0.816 Thermal Discharging
SOU066	11	'7459239_/7459237'	10		10	10	0.816	10	10	5.14 No	0.816 Thermal Discharging
SOU066	12	'9353295_/9353312'	10		10	10	0.816	10	10	5.14 No	0.816 Thermal Discharging
SOU066	13	'9353294_/9353292'	10		10	10	0.816	10	10	5.14 No	0.816 Thermal Discharging
SOU066	14	'8720495_/9353412'	10		10	10	0.816	10	10	5.14 No	0.816 Thermal Discharging
SOU066	15	'8402098_/8720492'	9.2		10	10	0.816	10	10	5.14 No	0.816 Thermal Discharging
SOU066	16	'8402099_/8402096'	7.9		10	10	0.816	10	10	5.14 No	0.816 Thermal Discharging
SOU066	17	'493288396_/9038745'	7.4		10	10	0.816	10	10	5.14 No	0.816 Thermal Discharging
SOU066	18	'493288468_/453029709'	3.6		9.6	10	0.816	10	10	5.14 No	0.816 Thermal Discharging
SOU066	19	'454176544_/493557374_1'	3.6		9.4	10	0.816	10	10	5.14 No	0.816 Thermal Discharging
SOU066	20	'453029838_/493557374_2'	3.6		9.4	10	0.816	10	10	5.14 No	0.816 Thermal Discharging
SOU066	21	'453029948_/453029954'	3.6		9.3	10	0.816	10	10	5.14 No	0.816 Thermal Discharging
SOU066	22	'453029795_/453029816'	3.6		9.3	10	0.816	10	10	5.14 No	0.816 Thermal Discharging
SOU066	23	'453029859_/453029856'	3.5		9.3	10	0.816	10	10	5.14 No	0.816 Thermal Discharging
SOU066	24	'453029777_/453029792'	3.5		9.1	10	0.816	10	10	5.14 No	0.816 Thermal Discharging
SOU066	25	'453030060_/453030010_1'	3.5		9.1	10	0.816	1.5	10	5.14 No	0.816 Thermal Discharging
SOU066	26	'453029759_/453029774'	3.5		9	10	0.816	10	10	5.14 No	0.816 Thermal Discharging
SOU066	27	'50880234_/453029756'	3.5		8.9	10	0.816	10	10	5.14 No	0.816 Thermal Discharging
SOU066	28	'346773678_/453030010_2'	3.4		8.8	10	0.816	1.5	10	5.14 No	0.816 Thermal Discharging
SOU066	29	'6688968_/453029897'	1.17		2.9	3.33	0.272	1.1	3.33	1.71 No	0.272 Thermal Discharging
SOU066	30	'576245270_/6688981_1'	1.17		2.9	3.33	0.272	0.5	3.33	1.71 No	0.272 Thermal Discharging
SOU066	31	'6688984_/6688981_2'	1.17		2.87	3.33	0.272	0.5	3.33	1.71 No	0.272 Thermal Discharging
SOU066	32	'50880276_/6694943'	3.3		8.4	10	0.816	10	10	5.14 No	0.816 Thermal Discharging
SOU066	33	'6688997_/6688994_1'	1.17		2.83	3.33	0.272	0.5	3.33	1.71 No	0.272 Thermal Discharging
SOU066	34	'43968976_/6688994_2'	1.13		2.83	3.33	0.272	0.5	3.33	1.71 No	0.272 Thermal Discharging
SOU066	35	'6694912_/6694926'	3.3		8.3	10	0.816	10	10	5.14 No	0.816 Thermal Discharging
SOU066	36	'50880414_/50880373_1'	3.3		8.3	10	0.816	1.6	10	5.14 No	0.816 Thermal Discharging
SOU066	37	'6689010_/43968978'	1.13		2.8	3.33	0.272	0.5	3.33	1.71 No	0.272 Thermal Discharging
SOU066	38	'6694911_/6694909'	3.3		8.2	10	0.816	10	10	5.14 No	0.816 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
											VSR (MW)	Limiting Threshold
SOU066	39	'6689023_/_6689020'		1.13	2.8	3.33	0.272	0.5	3.33	1.71 No	0.272	Thermal Discharging
SOU066	40	'6721338_/_7113505'		3.3	8.1	10	0.816	10	10	5.14 No	0.816	Thermal Discharging
SOU066	41	'8402038_/_458045356_2'		3.2	8.1	10	0.816	5.4	10	5.14 No	0.816	Thermal Discharging
SOU066	42	'7190578_/_7190588_1'		1.1	2.7	3.33	0.272	0.3	3.33	1.71 No	0.272	Thermal Discharging
SOU066	43	'43969035_/_6689033'		1.1	2.77	3.33	0.272	0.5	3.33	1.71 No	0.272	Thermal Discharging
SOU066	44	'6721321_/_125317048'		3.2	8	10	0.816	10	10	5.14 No	0.816	Thermal Discharging
SOU066	45	'6689049_/_43969037'		1.1	2.73	3.33	0.272	0.5	3.33	1.71 No	0.272	Thermal Discharging
SOU066	46	'472742801_/_472742747_1'		3.2	7.9	10	0.816	1.5	10	5.14 No	0.816	Thermal Discharging
SOU066	47	'6721320_/_6721318'		3.2	7.9	10	0.816	10	10	5.14 No	0.816	Thermal Discharging
SOU066	48	'43973308_/_7190588_2'		1.1	2.63	3.33	0.272	0.3	3.33	1.71 No	0.272	Thermal Discharging
SOU066	49	'6730979_/_6730977'		3.2	7.9	10	0.816	10	10	5.14 No	0.816	Thermal Discharging
SOU066	50	'6689065_/_6689062'		1.1	2.73	3.33	0.272	0.5	3.33	1.71 No	0.272	Thermal Discharging
SOU066	51	'6730997_/_6731011'		3.2	7.8	10	0.816	10	10	5.14 No	0.816	Thermal Discharging
SOU066	52	'7190603_/_6730994_2'		3.2	7.8	10	0.816	10	10	5.14 No	0.816	Thermal Discharging
SOU066	53	'458045352_/_458045356_1'		3.1	7.8	10	0.816	1.5	10	5.14 No	0.816	Thermal Discharging
SOU066	54	'7190604_/_7190622_1'		3.1	7.7	10	0.816	10	10	5.14 No	0.816	Thermal Discharging
SOU066	55	'6730996_/_6730994_1'		3.1	7.7	10	0.816	10	10	5.14 No	0.816	Thermal Discharging
SOU066	56	'607408301_/_607408340'		3	7.7	10	0.816	1.5	10	5.14 No	0.816	Thermal Discharging
SOU066	57	'6730870_/_6731241'		3.1	7.6	10	0.816	10	10	5.14 No	0.816	Thermal Discharging
SOU066	58	'6721389_/_6730867'		3.1	7.6	10	0.816	10	10	5.14 No	0.816	Thermal Discharging
SOU066	59	'49962031_/_8403570_2'		3.1	7.6	10	0.816	5.7	10	5.14 No	0.816	Thermal Discharging
SOU066	60	'6709720_/_43973310'		1.07	2.53	3.33	0.272	0.3	3.33	1.71 No	0.272	Thermal Discharging
SOU066	61	'461947931_/_461947950'		2.9	7.6	10	0.816	1.5	10	5.14 No	0.816	Thermal Discharging
SOU066	62	'6721372_/_6721386'		3.1	7.5	10	0.816	10	10	5.14 No	0.816	Thermal Discharging
SOU066	63	'474447064_/_474446776_1'		3.1	7.5	10	0.816	10	10	5.14 No	0.816	Thermal Discharging
SOU066	64	'474446647_/_474446776_2'		3	7.4	10	0.816	10	10	5.14 No	0.816	Thermal Discharging
SOU066	65	'474446630_/_474446645'		3	7.4	10	0.816	10	10	5.14 No	0.816	Thermal Discharging
SOU066	66	'474446629_/_474446627'		3	7.4	10	0.816	10	10	5.14 No	0.816	Thermal Discharging
SOU066	67	'474446641_/_474446639'		3	7.4	10	0.816	4.7	10	5.14 No	0.816	Thermal Discharging
SOU066	68	'474446635_/_474446633'		3	7.4	10	0.816	4.7	10	5.14 No	0.816	Thermal Discharging
SOU066	69	'6689078_/_6689075_1'		1	2.5	3.33	0.272	0.5	3.33	1.71 No	0.272	Thermal Discharging
SOU066	70	'533969670_/_607408321'		2.9	7.3	10	0.816	1.5	10	5.14 No	0.816	Thermal Discharging
SOU066	71	'43973319_/_6709730'		1.03	2.43	3.33	0.272	0.3	3.33	1.71 No	0.272	Thermal Discharging
SOU066	72	'43969046_/_6689075_2'		1	2.5	3.33	0.272	0.5	3.33	1.71 No	0.272	Thermal Discharging
SOU066	73	'44076767_/_7190622_2'		2.9	7.2	10	0.816	3.3	10	5.14 No	0.816	Thermal Discharging
SOU066	74	'470687456_/_461948113'		2.8	7.2	10	0.816	1.5	10	5.14 No	0.816	Thermal Discharging
SOU066	75	'482708526_/_474446737_1'		2.9	7	10	0.816	10	10	5.14 No	0.816	Thermal Discharging
SOU066	76	'50880321_/_50880373_2'		2.8	7.1	10	0.816	1.6	10	5.14 No	0.816	Thermal Discharging
SOU066	77	'50880308_/_50880318'		2.8	7.1	10	0.816	1.6	10	5.14 No	0.816	Thermal Discharging
SOU066	78	'50880309_/_50880306'		2.8	7.1	10	0.816	1.6	10	5.14 No	0.816	Thermal Discharging
SOU066	79	'50880332_/_50880336'		2.8	7.1	10	0.816	1.6	10	5.14 No	0.816	Thermal Discharging
SOU066	80	'50880345_/_50880342'		2.8	7.1	10	0.816	1.6	10	5.14 No	0.816	Thermal Discharging
SOU066	81	'474446285_/_474446737_2'		2.9	7	10	0.816	10	10	5.14 No	0.816	Thermal Discharging
SOU066	82	'474446229_/_474446233'		2.9	7	10	0.816	10	10	5.14 No	0.816	Thermal Discharging
SOU066	83	'473371242_/_473371260'		2.9	7	10	0.816	4.7	10	5.14 No	0.816	Thermal Discharging
SOU066	84	'6729405_/_6729420'		2.9	7	10	0.816	10	10	5.14 No	0.816	Thermal Discharging
SOU066	85	'109936412_/_91415069_1'		2.9	7	10	0.816	1.5	10	5.14 No	0.816	Thermal Discharging
SOU066	86	'50880425_/_50880432'		2.8	7	10	0.816	1.6	10	5.14 No	0.816	Thermal Discharging
SOU066	87	'6729406_/_6729403'		2.8	6.9	10	0.816	10	10	5.14 No	0.816	Thermal Discharging
SOU066	88	'91415072_/_91415069_2'		2.8	6.9	10	0.816	1.5	10	5.14 No	0.816	Thermal Discharging
SOU066	89	'510460890_/_510460906'		0.93	2.3	3.33	0.272	0.53	3.33	1.71 No	0.272	Thermal Discharging
SOU066	90	'43977521_/_6729582'		2.8	6.8	10	0.816	10	9.98	5.14 No	0.816	Thermal Discharging
SOU066	91	'6709759_/_6709756'		0.97	2.3	3.33	0.272	0.3	3.33	1.71 No	0.272	Thermal Discharging
SOU066	92	'114815978_/_9668448_3'		2.8	6.8	10	0.816	10	9.96	5.14 No	0.816	Thermal Discharging
SOU066	93	'44076785_/_44076769'		2.7	6.8	10	0.816	3.3	10	5.14 No	0.816	Thermal Discharging
SOU066	94	'474447095_/_474446841_2'		2.8	6.8	10	0.816	4.7	10	5.14 No	0.816	Thermal Discharging
SOU066	95	'43977588_/_6729661'		2.8	6.7	10	0.816	10	9.9	5.14 No	0.816	Thermal Discharging
SOU066	96	'8403573_/_8403570_1'		2.7	6.7	10	0.816	1.9	10	5.14 No	0.816	Thermal Discharging
SOU066	97	'6729514_/_6729678'		2.8	6.7	10	0.816	10	9.84	5.14 No	0.816	Thermal Discharging
SOU066	98	'474446823_/_474446841_1'		2.7	6.7	10	0.816	1.5	9.96	5.14 No	0.816	Thermal Discharging
SOU066	99	'472742731_/_472742747_2'		2.7	6.7	10	0.816	1.5	10	5.14 No	0.816	Thermal Discharging
SOU066	100	'6729534_/_6729531'		2.8	6.6	10	0.816	10	9.77	5.14 No	0.816	Thermal Discharging
SOU066	101	'6729497_/_6729511'		2.8	6.6	10	0.816	10	9.75	5.14 No	0.816	Thermal Discharging
SOU066	102	'404466689_/_50880470'		2.6	6.7	10	0.816	1.6	10	5.14 No	0.816	Thermal Discharging
SOU066	103	'473371308_/_473371288_1'		2.7	6.6	10	0.816	1.9	9.88	5.14 No	0.816	Thermal Discharging
SOU066	104	'6729496_/_6729494'		2.8	6.6	10	0.816	10	9.73	5.14 No	0.816	Thermal Discharging
SOU066	105	'6721030_/_6729548'		2.7	6.6	10	0.816	10	9.71	5.14 No	0.816	Thermal Discharging
SOU066	106	'109901573_/_7460409'		2.7	6.6	10	0.816	1.5	9.78	5.14 No	0.816	Thermal Discharging
SOU066	107	'8719890_/_8719888_1'		2.7	6.6	10	0.816	1.5	9.67	5.14 No	0.816	Thermal Discharging
SOU066	108	'576245287_/_6721079_1'		2.7	6.6	10	0.816	10	9.66	5.14 No	0.816	Thermal Discharging
SOU066	109	'6725767_/_6725764'		2.7	6.6	10	0.816	4.5	9.63	5.14 No	0.816	Thermal Discharging
SOU066	110	'6689091_/_43969048'		0.9	2.23	3.33	0.272	0.5	3.23	1.71 No	0.272	Thermal Discharging
SOU066	111	'6721048_/_6721045'		2.7	6.5	10	0.816	10	9.58	5.14 No	0.816	Thermal Discharging
SOU066	112	'131409361_/_9354030_2'		2.7	6.5	10	0.816	5.5	9.57	5.14 No	0.816	Thermal Discharging
SOU066	113	'7773866_/_9354422_1'		2.7	6.5	10	0.816	1.7	9.59	5.14 No	0.816	Thermal Discharging
SOU066	114	'6709267_/_6721062'		2.7	6.5	10	0.816	10	9.5	5.14 No	0.816	Thermal Discharging
SOU066	115	'6721082_/_6721079_2'		2.7	6.4	10	0.816	4.4	9.51	5.14 No	0.816	Thermal Discharging
SOU066	116	'6709672_/_6709687'		1.73	4.27	6.67	0.544	1	6.41	3.43 No	0.544	Thermal Discharging
SOU066	117	'43973330_/_6709769'		0.9	2.13	3.33	0.272	0.3	3.19	1.71 No	0.272	Thermal Discharging
SOU066	118	'6709268_/_6709265'		2.6	6.3	10	0.816	4.9	9.35	5.14 No	0.816	Thermal Discharging
SOU066	119	'9354425_/_9354422_2'		2.6	6.2	10	0.816	1.7	9.32	5.14 No	0.816	Thermal Discharging
SOU066	120	'44076803_/_44076789'		2.5	6.3	10	0.816	3.3	9.53	5.14 No	0.816	Thermal Discharging
SOU066	121	'6721102_/_43973090'		2.6	6.2	10	0.816	4.8	9.26	5.14 No	0.816	Thermal Discharging
SOU066	122	'9354033_/_9354030_1'		2.6	6.2	10	0.816	1.6	9.27	5.14 No	0.816	Thermal Discharging
SOU066	123	'6689107_/_6689104'		0.87	2.13	3.33	0.272	0.5	3.11	1.71 No	0.272	Thermal Discharging
SOU066	124	'6709671_/_43973250'		1.67	4.07	6.67	0.544	1	6.18	3.43 No	0.544	Thermal Discharging
SOU066	125	'8719891_/_8719888_2'		2.5	6.1	10	0.816	1.5	9.13	5.14 No	0.816	Thermal Discharging
SOU066	126	'6709785_/_6709782'		0.83	2.03	3.33	0.272	0.3	3.06	1.71 No	0.272	Thermal Discharging
SOU066	127	'44076819_/_44076805'		2.4	6	10	0.816	3.3	9.28	5.14 No	0.816	Thermal Discharging
SOU066	128	'6709291_/_6709288'		2.5	5.9	10	0.816	4.9	8.91	5.14 No	0.816	Thermal Discharging
SOU066	129	'413321811_/_413321779'		2.4	5.7	10	0.816	4.9	8.69	5.14 No	0.816	Thermal Discharging
SOU066	130	'44076835_/_44076823'		2.3	5.7	10	0.816	3.3	8.83	5.14 No	0.816	Thermal Discharging
SOU066	131	'6709798_/_6709795'		0.8	1.93	3.33	0.272	0.3	2.9	1.71 No	0.272	Thermal Discharging
SOU066	132	'408397489_/_413321815'		2.4	5.6	10	0.816	4.9	8.54	5.14 No	0.816	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
											VSR (MW)	Limiting Threshold
SOU066	133	'576245187_/_413321896_1'		2.3	5.6	10	0.816	1.7	8.5	5.14 No	0.816	Thermal Discharging
SOU066	134	'7190544_/_44076837'		2.2	5.4	10	0.816	3.3	8.52	5.14 No	0.816	Thermal Discharging
SOU066	135	'421998044_/_413322320'		1.4	3.4	6.67	0.544	1.13	5.5	3.43 No	0.544	Thermal Discharging
SOU066	136	'413321877_/_413321896_2'		2.2	5.4	10	0.816	1.7	8.25	5.14 No	0.816	Thermal Discharging
SOU066	137	'44076848_/_7190542'		0.73	1.8	3.33	0.272	1.1	2.79	1.71 No	0.272	Thermal Discharging
SOU066	138	'6709811_/_6709808_1'		0.73	1.8	3.33	0.272	0.3	2.75	1.71 No	0.272	Thermal Discharging
SOU066	139	'50972549_/_44076850'		0.73	1.77	3.33	0.272	1.1	2.75	1.71 No	0.272	Thermal Discharging
SOU066	140	'43973286_/_6709808_2'		0.73	1.77	3.33	0.272	0.3	2.73	1.71 No	0.272	Thermal Discharging
SOU066	141	'44076892_/_50972541'		0.73	1.77	3.33	0.272	1.1	2.73	1.71 No	0.272	Thermal Discharging
SOU066	142	'421998058_/_413322049'		2.1	5.2	10	0.816	1.7	7.96	5.14 No	0.816	Thermal Discharging
SOU066	143	'125317653_/_44076896'		0.73	1.73	3.33	0.272	1.1	2.68	1.71 No	0.272	Thermal Discharging
SOU066	144	'6709824_/_43973288'		0.7	1.73	3.33	0.272	0.3	2.64	1.71 No	0.272	Thermal Discharging
SOU066	145	'421998016_/_413322422'		2.1	5.1	10	0.816	1.7	7.83	5.14 No	0.816	Thermal Discharging
SOU066	146	'125317497_/_44076914'		0.73	1.7	3.33	0.272	1.1	2.63	1.71 No	0.272	Thermal Discharging
SOU066	147	'75145084_/_44076934'		0.7	1.67	3.33	0.272	1.1	2.59	1.71 No	0.272	Thermal Discharging
SOU066	148	'6709837_/_6709834'		0.67	1.67	3.33	0.272	0.3	2.55	1.71 No	0.272	Thermal Discharging
SOU066	149	'75145100_/_7190555'		0.7	1.63	3.33	0.272	1.1	2.54	1.71 No	0.272	Thermal Discharging
SOU066	150	'75145165_/_50972604'		0.7	1.63	3.33	0.272	1.1	2.52	1.71 No	0.272	Thermal Discharging
SOU066	151	'59961777_/_413322009'		1.9	4.7	10	0.816	1.7	7.34	5.14 No	0.816	Thermal Discharging
SOU066	152	'6709850_/_6709847'		0.63	1.6	3.33	0.272	0.3	2.46	1.71 No	0.272	Thermal Discharging
SOU066	153	'59961769_/_59961817'		1.9	4.7	10	0.816	1.7	7.31	5.14 No	0.816	Thermal Discharging
SOU066	154	'59961831_/_59961863'		1.9	4.7	10	0.816	1.7	7.29	5.14 No	0.816	Thermal Discharging
SOU066	155	'67906089_/_9370724'		1.9	4.7	10	0.816	1.7	7.26	5.14 No	0.816	Thermal Discharging
SOU066	156	'44076964_/_44076952'		0.67	1.57	3.33	0.272	1.1	2.43	1.71 No	0.272	Thermal Discharging
SOU066	157	'409338976_/_6473528107'		1.9	4.5	10	0.816	1.7	7.1	5.14 No	0.816	Thermal Discharging
SOU066	158	'44076989_/_44076966'		0.63	1.5	3.33	0.272	1.1	2.35	1.71 No	0.272	Thermal Discharging
SOU066	159	'91340365_/_91340239_1'		1.8	4.5	10	0.816	1.5	6.99	5.14 No	0.816	Thermal Discharging
SOU066	160	'44077015_/_44076991'		0.6	1.47	3.33	0.272	1.1	2.28	1.71 No	0.272	Thermal Discharging
SOU066	161	'421998093_/_413322475'		0.57	1.33	3.33	0.272	0.57	2.05	1.71 No	0.272	Thermal Discharging
SOU066	162	'44077029_/_44077019'		0.4	0.97	3.33	0.272	1.1	1.55	1.71 No	0.272	Thermal Discharging
SOU066	163	'44077041_/_44077031'		0.3	0.7	3.33	0.272	1.1	1.17	1.71 No	0.272	Thermal Discharging
SOU066	164	'7190545_/_44077043'		0.23	0.57	3.33	0.272	1.1	0.94	1.71 No	0.23	Primary Over-Voltage
SOU069	0	'SOU069_/_50606950_1'		10	10	10	0.856	10	10	7.68 No	0.856	Thermal Discharging
SOU069	1	'114634802_/_50606950_1'		10	10	10	0.856	10	10	7.68 No	0.856	Thermal Discharging
SOU069	2	'50606948_/_50606950_2'		10	10	10	0.856	10	10	7.68 No	0.856	Thermal Discharging
SOU069	3	'54294871_/_51431923'		10	10	10	0.856	10	10	7.68 No	0.856	Thermal Discharging
SOU069	4	'64604242_/_54294571'		10	10	10	0.856	10	10	7.68 No	0.856	Thermal Discharging
SOU069	5	'7459599_/_7459597_1'		10	10	10	0.856	2.3	10	7.68 No	0.856	Thermal Discharging
SOU069	6	'43968515_/_54294594'		10	10	10	0.856	10	10	7.68 No	0.856	Thermal Discharging
SOU069	7	'54295035_/_54294619'		10	10	10	0.856	10	10	7.68 No	0.856	Thermal Discharging
SOU069	8	'6694325_/_54294646'		10	10	10	0.856	10	10	7.68 No	0.856	Thermal Discharging
SOU069	9	'7459600_/_7459597_2'		10	10	10	0.856	2.3	10	7.68 No	0.856	Thermal Discharging
SOU069	10	'6694342_/_54294667'		10	10	10	0.856	10	10	7.68 No	0.856	Thermal Discharging
SOU069	11	'6694359_/_6694356'		10	10	10	0.856	10	10	7.68 No	0.856	Thermal Discharging
SOU069	12	'6694376_/_6694373'		10	10	10	0.856	10	10	7.68 No	0.856	Thermal Discharging
SOU069	13	'6666890_/_6694390'		10	10	10	0.856	10	10	7.68 No	0.856	Thermal Discharging
SOU069	14	'108503948_/_6704356_3'		10	10	10	0.856	3.4	10	7.68 No	0.856	Thermal Discharging
SOU069	15	'6694410_/_6694407'		10	10	10	0.856	10	10	7.68 No	0.856	Thermal Discharging
SOU069	16	'6694427_/_6694424'		10	10	10	0.856	10	10	7.68 No	0.856	Thermal Discharging
SOU069	17	'49962018_/_6704356_2'		10	10	10	0.856	1.6	10	7.68 No	0.856	Thermal Discharging
SOU069	18	'6694444_/_6694441'		10	10	10	0.856	10	10	7.68 No	0.856	Thermal Discharging
SOU069	19	'6667092_/_6694560'		10	10	10	0.856	10	10	7.68 No	0.856	Thermal Discharging
SOU069	20	'6704247_/_6704356_1'		10	10	10	0.856	1.6	10	7.68 No	0.856	Thermal Discharging
SOU069	21	'6667061_/_6694458'		10	10	10	0.856	10	10	7.68 No	0.856	Thermal Discharging
SOU069	22	'6667093_/_6667103_1'		3.33	3.33	3.33	0.288	0.5	3.33	2.56 No	0.288	Thermal Discharging
SOU069	23	'6694478_/_6694475'		10	10	10	0.856	10	10	7.68 No	0.856	Thermal Discharging
SOU069	24	'6667060_/_6667074_3'		3.33	3.33	3.33	0.288	1.1	3.33	2.56 No	0.288	Thermal Discharging
SOU069	25	'6694495_/_6694492'		10	10	10	0.856	10	10	7.68 No	0.856	Thermal Discharging
SOU069	26	'43968528_/_43968530'		6.67	6.67	6.67	0.568	1.07	6.67	5.12 No	0.568	Thermal Discharging
SOU069	27	'6687955_/_6694509'		10	10	10	0.856	10	10	7.68 No	0.856	Thermal Discharging
SOU069	28	'6667048_/_6667074_2'		3.33	3.33	3.33	0.288	0.5	3.33	2.56 No	0.288	Thermal Discharging
SOU069	29	'6694529_/_6694526'		10	10	10	0.856	10	10	7.68 No	0.856	Thermal Discharging
SOU069	30	'6704248_/_6704245'		10	10	10	0.856	1.6	10	7.68 No	0.856	Thermal Discharging
SOU069	31	'6687954_/_6687968_3'		3.33	3.33	3.33	0.288	1.1	3.33	2.56 No	0.288	Thermal Discharging
SOU069	32	'6694546_/_6694543'		10	10	10	0.856	10	10	7.68 No	0.856	Thermal Discharging
SOU069	33	'6688143_/_6694577'		10	10	10	0.856	10	10	7.68 No	0.856	Thermal Discharging
SOU069	34	'6688127_/_6688124_1'		3.33	3.33	3.33	0.288	0.5	3.33	2.56 No	0.288	Thermal Discharging
SOU069	35	'7159223_/_7159237_1'		10	10	10	0.856	1.5	10	7.68 No	0.856	Thermal Discharging
SOU069	36	'6687942_/_6687968_2'		3.33	3.33	3.33	0.288	0.5	3.33	2.56 No	0.288	Thermal Discharging
SOU069	37	'6666855_/_6666853'		6.67	6.67	6.67	0.568	1.07	6.67	5.12 No	0.568	Thermal Discharging
SOU069	38	'6694600_/_6694597'		10	10	10	0.856	10	10	7.68 No	0.856	Thermal Discharging
SOU069	39	'6667106_/_6667103_2'		3.33	3.33	3.33	0.288	0.5	3.33	2.56 No	0.288	Thermal Discharging
SOU069	40	'43968639_/_6667074_1'		3.33	3.33	3.33	0.288	0.5	3.33	2.56 No	0.288	Thermal Discharging
SOU069	41	'6703664_/_6703729'		10	10	10	0.856	10	10	7.68 No	0.856	Thermal Discharging
SOU069	42	'6703648_/_6703645_3'		3.33	3.33	3.33	0.288	3.33	3.33	2.56 No	0.288	Thermal Discharging
SOU069	43	'6703502_/_6703645_2'		3.33	3.33	3.33	0.288	0.5	3.33	2.56 No	0.288	Thermal Discharging
SOU069	44	'6703749_/_6703746'		10	10	10	0.856	10	10	7.68 No	0.856	Thermal Discharging
SOU069	45	'6703489_/_6703645_1'		3.33	3.33	3.33	0.288	0.5	3.33	2.56 No	0.288	Thermal Discharging
SOU069	46	'6703766_/_6703763'		10	10	10	0.856	10	10	7.68 No	0.856	Thermal Discharging
SOU069	47	'43968728_/_6688124_2'		3.33	3.33	3.33	0.288	0.5	3.33	2.56 No	0.288	Thermal Discharging
SOU069	48	'7153213_/_7159237_2'		10	10	10	0.856	1.5	10	7.68 No	0.856	Thermal Discharging
SOU069	49	'43971940_/_43971942'		3.33	3.33	3.33	0.288	0.5	3.33	2.56 No	0.288	Thermal Discharging
SOU069	50	'6703689_/_6703780'		10	10	10	0.856	10	10	7.68 No	0.856	Thermal Discharging
SOU069	51	'6703463_/_6703473'		3.33	3.33	3.33	0.288	0.5	3.33	2.56 No	0.288	Thermal Discharging
SOU069	52	'579876406_/_6703632_3'		3.33	3.33	3.33	0.288	1.1	3.33	2.56 No	0.288	Thermal Discharging
SOU069	53	'6694616_/_6703797'		10	10	10	0.856	10	10	7.68 No	0.856	Thermal Discharging
SOU069	54	'43968661_/_6687968_1'		3.33	3.33	3.33	0.288	0.5	3.33	2.56 No	0.288	Thermal Discharging
SOU069	55	'43980631_/_7113367'		10	10	10	0.856	1.6	10	7.68 No	0.856	Thermal Discharging
SOU069	56	'6703450_/_6703460'		3.33	3.33	3.33	0.288	0.5	3.33	2.56 No	0.288	Thermal Discharging
SOU069	57	'6688247_/_6694614'		10	10	10	0.856	10	10	7.68 No	0.856	Thermal Discharging
SOU069	58	'6688088_/_6688098'		3.33	3.33	3.33	0.288	0.5	3.33	2.56 No	0.288	Thermal Discharging
SOU069	59	'6688294_/_6688291_1'		3.33	3.33	3.33	0.288	0.5	3.33	2.56 No	0.288	Thermal Discharging
SOU069	60	'6694634_/_6694631'		10	10	10	0.856	10	10	7.68 No	0.856	Thermal Discharging
SOU069	61	'6703634_/_6703632_2'		3.33	3.33	3.33	0.288	0.5	3.33	2.56 No	0.288	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SOU069	62	'6688232_/_6688214_3'		6.67	6.67	6.67	0.568	2.2	6.67	5.12 No	0.568 Thermal Discharging
SOU069	63	'43971929_/_43971931'		3.33	3.33	3.33	0.288	0.5	3.33	2.56 No	0.288 Thermal Discharging
SOU069	64	'43968617_/_6688291_2'		3.33	3.33	3.33	0.288	0.5	3.33	2.56 No	0.288 Thermal Discharging
SOU069	65	'6694651_/_6694648'		10	10	10	0.856	10	10	7.68 No	0.856 Thermal Discharging
SOU069	66	'6704871_/_6704883'		3.33	3.33	3.33	0.288	0.53	3.33	2.56 No	0.288 Thermal Discharging
SOU069	67	'638913946_/_6747235'		10	10	10	0.856	1.6	10	7.68 No	0.856 Thermal Discharging
SOU069	68	'6703424_/_6703434'		3.33	3.33	3.33	0.288	0.5	3.33	2.56 No	0.288 Thermal Discharging
SOU069	69	'579877172_/_6688214_2'		6.67	6.67	6.67	0.568	1	6.67	5.12 No	0.568 Thermal Discharging
SOU069	70	'6694668_/_6694665'		10	10	10	0.856	10	10	7.68 No	0.856 Thermal Discharging
SOU069	71	'6694756_/_6694753'		10	10	10	0.856	10	10	7.68 No	0.856 Thermal Discharging
SOU069	72	'6703411_/_6703421'		3.33	3.33	3.33	0.288	0.5	3.33	2.56 No	0.288 Thermal Discharging
SOU069	73	'6694722_/_6694736'		10	10	10	0.856	10	10	7.68 No	0.856 Thermal Discharging
SOU069	74	'6688075_/_6688085'		3.33	3.33	3.33	0.288	0.5	3.33	2.56 No	0.288 Thermal Discharging
SOU069	75	'6694773_/_6694770'		10	10	10	0.856	10	10	7.68 No	0.856 Thermal Discharging
SOU069	76	'6667022_/_6667032'		3.33	3.33	3.33	0.288	0.5	3.33	2.56 No	0.288 Thermal Discharging
SOU069	77	'43971918_/_6703408'		3.33	3.33	3.33	0.288	0.5	3.33	2.56 No	0.288 Thermal Discharging
SOU069	78	'6694705_/_6694719'		10	10	10	0.856	10	10	7.68 No	0.856 Thermal Discharging
SOU069	79	'43982005_/_7113465'		10	10	10	0.856	10	10	7.68 No	0.856 Thermal Discharging
SOU069	80	'43968750_/_6703632_1'		3.33	3.33	3.33	0.288	0.5	3.33	2.56 No	0.288 Thermal Discharging
SOU069	81	'6747220_/_638913952_1'		10	10	10	0.856	1.6	10	7.68 No	0.856 Thermal Discharging
SOU069	82	'43968606_/_6688278'		3.33	3.33	3.33	0.288	0.5	3.33	2.56 No	0.288 Thermal Discharging
SOU069	83	'43968772_/_6694702'		10	10	10	0.856	10	10	7.68 No	0.856 Thermal Discharging
SOU069	84	'6758533_/_6758530'		10	10	10	0.856	10	10	7.68 No	0.856 Thermal Discharging
SOU069	85	'43971906_/_43971908'		3.33	3.33	3.33	0.288	0.5	3.33	2.56 No	0.288 Thermal Discharging
SOU069	86	'43968739_/_6703674'		3.33	3.33	3.33	0.288	0.5	3.33	2.56 No	0.288 Thermal Discharging
SOU069	87	'6694687_/_6694685'		10	10	10	0.856	10	10	7.68 No	0.856 Thermal Discharging
SOU069	88	'6758550_/_6758547'		10	10	10	0.856	10	10	7.68 No	0.856 Thermal Discharging
SOU069	89	'6687916_/_6687926'		3.33	3.33	3.33	0.288	0.5	3.33	2.56 No	0.288 Thermal Discharging
SOU069	90	'6747203_/_638913952_2'		10	10	10	0.856	1.6	10	7.68 No	0.856 Thermal Discharging
SOU069	91	'6703372_/_6703382'		3.33	3.33	3.33	0.288	0.5	3.33	2.56 No	0.288 Thermal Discharging
SOU069	92	'6758570_/_6758567'		10	10	10	0.856	10	10	7.68 No	0.856 Thermal Discharging
SOU069	93	'6745962_/_7113413'		3.33	3.33	3.33	0.288	0.5	3.33	2.56 No	0.288 Thermal Discharging
SOU069	94	'43971841_/_6703318'		10	10	10	0.856	10	10	7.68 No	0.856 Thermal Discharging
SOU069	95	'43968717_/_6688072'		3.33	3.33	3.33	0.288	0.5	3.33	2.56 No	0.288 Thermal Discharging
SOU069	96	'43982264_/_6758584'		10	10	10	0.856	10	10	7.68 No	0.856 Thermal Discharging
SOU069	97	'6688202_/_6688214_1'		6.67	6.67	6.67	0.568	1	6.67	5.12 No	0.568 Thermal Discharging
SOU069	98	'6703287_/_6703301_2'		10	10	10	0.856	10	10	7.68 No	0.856 Thermal Discharging
SOU069	99	'43971867_/_6703301_1'		10	10	10	0.856	10	10	7.68 No	0.856 Thermal Discharging
SOU069	100	'6703371_/_6703369'		3.33	3.33	3.33	0.288	0.5	3.33	2.56 No	0.288 Thermal Discharging
SOU069	101	'660407132_/_660407138_1'		10	10	10	0.856	1.6	10	7.68 No	0.856 Thermal Discharging
SOU069	102	'6704853_/_6704868'		3.33	3.33	3.33	0.288	0.53	3.33	2.56 No	0.288 Thermal Discharging
SOU069	103	'6758604_/_6758601'		10	10	10	0.856	10	10	7.68 No	0.856 Thermal Discharging
SOU069	104	'6703270_/_6703284'		10	10	10	0.856	10	10	7.68 No	0.856 Thermal Discharging
SOU069	105	'660407244_/_660407191_1'		10	10	10	0.856	0.9	10	7.68 No	0.856 Thermal Discharging
SOU069	106	'6758621_/_6758618'		10	10	10	0.856	10	10	7.68 No	0.856 Thermal Discharging
SOU069	107	'43971880_/_6703267'		10	10	10	0.856	10	10	7.68 No	0.856 Thermal Discharging
SOU069	108	'660407175_/_660407191_2'		10	10	10	0.856	0.9	10	7.68 No	0.856 Thermal Discharging
SOU069	109	'43968797_/_6688265'		3.33	3.33	3.33	0.288	0.5	3.33	2.56 No	0.288 Thermal Discharging
SOU069	110	'6745074_/_43968619'		3.33	3.33	3.33	0.288	0.5	3.33	2.56 No	0.288 Thermal Discharging
SOU069	111	'6667009_/_6667019'		3.33	3.33	3.33	0.288	0.5	3.33	2.56 No	0.288 Thermal Discharging
SOU069	112	'6697631_/_6703250'		10	10	10	0.856	10	10	7.68 No	0.856 Thermal Discharging
SOU069	113	'6758638_/_6758635'		10	10	10	0.856	10	10	7.68 No	0.856 Thermal Discharging
SOU069	114	'43982277_/_6758652'		10	10	10	0.856	10	10	7.68 No	0.856 Thermal Discharging
SOU069	115	'6697630_/_6697628'		10	10	10	0.856	10	10	7.68 No	0.856 Thermal Discharging
SOU069	116	'6703622_/_6703716'		3.33	3.33	3.33	0.288	0.5	3.33	2.56 No	0.288 Thermal Discharging
SOU069	117	'43980644_/_6747201'		10	10	10	0.856	1.6	10	7.68 No	0.856 Thermal Discharging
SOU069	118	'43982290_/_6758669'		10	10	10	0.856	10	10	7.68 No	0.856 Thermal Discharging
SOU069	119	'43971893_/_6703335'		10	10	10	0.856	10	10	7.68 No	0.856 Thermal Discharging
SOU069	120	'43982304_/_43982292'		10	10	10	0.856	10	10	7.68 No	0.856 Thermal Discharging
SOU069	121	'43968705_/_43968707'		3.33	3.33	3.33	0.288	0.5	3.33	2.56 No	0.288 Thermal Discharging
SOU069	122	'114352343_/_43971856'		10	10	10	0.856	10	10	7.68 No	0.856 Thermal Discharging
SOU069	123	'6748548_/_6748546_2'		10	10	10	0.856	6.1	10	7.68 No	0.856 Thermal Discharging
SOU069	124	'6745963_/_6745960'		3.33	3.33	3.33	0.288	0.5	3.33	2.56 No	0.288 Thermal Discharging
SOU069	125	'6763034_/_43968752'		3.33	3.33	3.33	0.288	0.5	3.33	2.56 No	0.288 Thermal Discharging
SOU069	126	'6704430_/_6704494'		10	10	10	0.856	10	10	7.68 No	0.856 Thermal Discharging
SOU069	127	'6745103_/_43968608'		3.33	3.33	3.33	0.288	0.5	3.33	2.56 No	0.288 Thermal Discharging
SOU069	128	'6687903_/_6687913'		3.33	3.33	3.33	0.288	0.5	3.33	2.56 No	0.288 Thermal Discharging
SOU069	129	'6762995_/_7113426'		3.33	3.33	3.33	0.288	0.5	3.33	2.56 No	0.288 Thermal Discharging
SOU069	130	'6667660_/_6704427'		10	10	10	0.856	10	10	7.68 No	0.856 Thermal Discharging
SOU069	131	'6704517_/_6704514'		10	10	10	0.856	10	10	7.68 No	0.856 Thermal Discharging
SOU069	132	'6966514_/_7126580'		10	10	10	0.856	10	10	7.68 No	0.856 Thermal Discharging
SOU069	133	'6667643_/_6667657'		10	10	10	0.856	10	10	7.68 No	0.856 Thermal Discharging
SOU069	134	'587884810_/_587884861'		6.67	6.67	6.67	0.568	3.1	6.67	5.12 No	0.568 Thermal Discharging
SOU069	135	'6686501_/_6704444'		3.33	3.33	3.33	0.288	1.1	3.33	2.56 No	0.288 Thermal Discharging
SOU069	136	'43982317_/_6748546_1'		10	10	10	0.856	1.5	10	7.68 No	0.856 Thermal Discharging
SOU069	137	'579877504_/_6966512'		10	10	10	0.856	10	10	7.68 No	0.856 Thermal Discharging
SOU069	138	'6667567_/_6667640'		10	10	10	0.856	10	10	7.68 No	0.856 Thermal Discharging
SOU069	139	'6748549_/_8720262_1'		10	10	10	0.856	0.9	10	7.68 No	0.856 Thermal Discharging
SOU069	140	'43968785_/_43968787'		6.67	6.67	6.67	0.568	1	6.67	5.12 No	0.568 Thermal Discharging
SOU069	141	'6703606_/_6703619'		3.33	3.33	3.33	0.288	0.5	3.33	2.56 No	0.288 Thermal Discharging
SOU069	142	'6667580_/_6667620_1'		10	10	10	0.856	1.5	10	7.68 No	0.856 Thermal Discharging
SOU069	143	'6966408_/_6966444_2'		3.33	3.33	3.33	0.288	1.1	3.33	2.56 No	0.288 Thermal Discharging
SOU069	144	'6745075_/_6745072'		3.33	3.33	3.33	0.288	0.5	3.33	2.56 No	0.288 Thermal Discharging
SOU069	145	'579877574_/_6966529'		10	10	10	0.856	10	10	7.68 No	0.856 Thermal Discharging
SOU069	146	'6667554_/_6667551_2'		3.33	3.33	3.33	0.288	1.1	3.33	2.56 No	0.288 Thermal Discharging
SOU069	147	'579876452_/_6966375_1'		10	10	10	0.856	10	10	7.68 No	0.856 Thermal Discharging
SOU069	148	'6966549_/_6966546'		10	10	10	0.856	10	10	7.68 No	0.856 Thermal Discharging
SOU069	149	'43982029_/_6745973'		3.33	3.33	3.33	0.288	0.5	3.33	2.56 No	0.288 Thermal Discharging
SOU069	150	'6763035_/_6763032'		3.33	3.33	3.33	0.288	0.5	3.33	2.56 No	0.288 Thermal Discharging
SOU069	151	'579877401_/_6966563'		10	10	10	0.856	10	10	7.68 No	0.856 Thermal Discharging
SOU069	152	'6745988_/_43968799'		3.33	3.33	3.33	0.288	0.5	3.33	2.56 No	0.288 Thermal Discharging
SOU069	153	'6687902_/_43968652'		3.33	3.33	3.33	0.288	0.5	3.33	2.56 No	0.288 Thermal Discharging
SOU069	154	'43981641_/_43980646'		6.67	6.67	6.67	0.568	1.07	6.67	5.12 No	0.568 Thermal Discharging
SOU069	155	'587884702_/_6966418_1'		3.33	3.33	3.33	0.288	0.5	3.33	2.56 No	0.288 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SOU069	156	'6686488_/_6686498'	3.33		3.33	3.33	0.288	1.1	3.33	2.56 No	0.288 Thermal Discharging
SOU069	157	'6966489_/_6966499_2'	3.33		3.33	3.33	0.288	1.1	3.33	2.56 No	0.288 Thermal Discharging
SOU069	158	'6966583_/_6966580'	10		10	10	0.856	10	10	7.68 No	0.856 Thermal Discharging
SOU069	159	'6966603_/_6966600'	10		10	10	0.856	10	10	7.68 No	0.856 Thermal Discharging
SOU069	160	'6762996_/_6762993'	3.33		3.33	3.33	0.288	0.5	3.33	2.56 No	0.288 Thermal Discharging
SOU069	161	'8403756_/_8720228_1'	3.33		3.33	3.33	0.288	0.3	3.33	2.56 No	0.288 Thermal Discharging
SOU069	162	'6965229_/_6966375_2'	10		10	10	0.856	4.3	10	7.68 No	0.856 Thermal Discharging
SOU069	163	'43971973_/_6703603'	3.33		3.33	3.33	0.288	0.5	3.33	2.56 No	0.288 Thermal Discharging
SOU069	164	'6966357_/_6966617'	10		10	10	0.856	10	10	7.68 No	0.856 Thermal Discharging
SOU069	165	'6965094_/_50789729_1'	10		10	10	0.856	10	10	7.68 No	0.856 Thermal Discharging
SOU069	166	'6667553_/_6667551_1'	3.33		3.33	3.33	0.288	0.5	3.33	2.56 No	0.288 Thermal Discharging
SOU069	167	'43968628_/_43968630'	3.33		3.33	3.33	0.288	0.5	3.33	2.56 No	0.288 Thermal Discharging
SOU069	168	'43968672_/_6667620_2'	10		10	10	0.856	1.5	10	7.68 No	0.856 Thermal Discharging
SOU069	169	'6965000_/_6966444_1'	3.33		3.33	3.33	0.288	0.5	3.33	2.56 No	0.288 Thermal Discharging
SOU069	170	'6745091_/_6745088'	3.33		3.33	3.33	0.288	0.5	3.33	2.56 No	0.288 Thermal Discharging
SOU069	171	'6966460_/_6966457_2'	3.33		3.33	3.33	0.288	1.1	3.33	2.56 No	0.288 Thermal Discharging
SOU069	172	'6745104_/_6745101'	3.33		3.33	3.33	0.288	0.5	3.33	2.56 No	0.288 Thermal Discharging
SOU069	173	'43982018_/_6745986'	3.33		3.33	3.33	0.288	0.5	3.33	2.56 No	0.288 Thermal Discharging
SOU069	174	'6746015_/_43982031'	3.33		3.33	3.33	0.288	0.5	3.33	2.56 No	0.288 Thermal Discharging
SOU069	175	'6962440_/_6966418_2'	3.33		3.33	3.33	0.288	0.5	3.33	2.56 No	0.288 Thermal Discharging
SOU069	176	'6966395_/_6966457_1'	3.33		3.33	3.33	0.288	0.5	3.33	2.56 No	0.288 Thermal Discharging
SOU069	177	'6688172_/_6688184'	6.67		6.67	6.67	0.568	1	6.67	5.12 No	0.568 Thermal Discharging
SOU069	178	'43968478_/_6686485'	3.33		3.33	3.33	0.288	1.1	3.33	2.56 No	0.288 Thermal Discharging
SOU069	179	'8720265_/_8720262_2'	10		10	10	0.856	0.9	10	7.68 No	0.856 Thermal Discharging
SOU069	180	'8720231_/_8720228_2_2'	3.33		3.33	3.33	0.288	0.3	3.33	2.56 No	0.288 Thermal Discharging
SOU069	181	'579876161_/_6962437_2'	3.33		3.33	3.33	0.288	0.5	3.33	2.56 No	0.288 Thermal Discharging
SOU069	182	'43981994_/_6763006'	3.33		3.33	3.33	0.288	0.5	3.33	2.56 No	0.288 Thermal Discharging
SOU069	183	'114352260_/_6704457_1'	3.33		3.33	3.33	0.288	0.5	3.33	2.56 No	0.288 Thermal Discharging
SOU069	184	'6962876_/_6966355'	10		10	10	0.856	4.6	10	7.68 No	0.856 Thermal Discharging
SOU069	185	'44027618_/_44027620'	10		10	10	0.856	4.3	10	7.68 No	0.856 Thermal Discharging
SOU069	186	'43982139_/_6763045'	3.33		3.33	3.33	0.288	0.5	3.33	2.56 No	0.288 Thermal Discharging
SOU069	187	'6745512_/_43981643'	6.67		6.67	6.67	0.568	1.07	6.67	5.12 No	0.568 Thermal Discharging
SOU069	188	'6666983_/_6666993'	3.33		3.33	3.33	0.288	0.5	3.33	2.56 No	0.288 Thermal Discharging
SOU069	189	'6965228_/_9674730_1'	10		10	10	0.856	1.5	10	7.68 No	0.856 Thermal Discharging
SOU069	190	'6965055_/_6966499_1'	3.33		3.33	3.33	0.288	0.5	3.33	2.56 No	0.288 Thermal Discharging
SOU069	191	'6703580_/_6703590'	3.33		3.33	3.33	0.288	0.5	3.33	2.56 No	0.288 Thermal Discharging
SOU069	192	'6686313_/_6686323'	3.33		3.33	3.33	0.288	0.5	3.33	2.56 No	0.288 Thermal Discharging
SOU069	193	'6746002_/_6745999'	3.33		3.33	3.33	0.288	0.5	3.33	2.56 No	0.288 Thermal Discharging
SOU069	194	'44027511_/_6964998'	3.33		3.33	3.33	0.288	0.5	3.33	2.56 No	0.288 Thermal Discharging
SOU069	195	'6961454_/_6962874_1'	10		10	10	0.856	4.6	10	7.68 No	0.856 Thermal Discharging
SOU069	196	'6667597_/_43968674'	3.33		3.33	3.33	0.288	0.5	3.33	2.56 No	0.288 Thermal Discharging
SOU069	197	'44027592_/_6962874_2'	10		10	10	0.856	4.6	10	7.68 No	0.856 Thermal Discharging
SOU069	198	'6686462_/_6686472'	3.33		3.33	3.33	0.288	1.1	3.33	2.56 No	0.288 Thermal Discharging
SOU069	199	'6746028_/_6746025'	3.33		3.33	3.33	0.288	0.5	3.33	2.56 No	0.288 Thermal Discharging
SOU069	200	'6962599_/_6966392'	3.33		3.33	3.33	0.288	0.5	3.33	2.56 No	0.288 Thermal Discharging
SOU069	201	'410900373_/_9674730_2'	10		10	10	0.856	1.5	10	7.68 No	0.856 Thermal Discharging
SOU069	202	'6962427_/_6962437_1'	3.33		3.33	3.33	0.288	0.5	3.33	2.56 No	0.288 Thermal Discharging
SOU069	203	'6703567_/_6703577'	3.33		3.33	3.33	0.288	0.5	3.33	2.56 No	0.288 Thermal Discharging
SOU069	204	'6763181_/_43982141'	3.33		3.33	3.33	0.288	0.5	3.33	2.56 No	0.288 Thermal Discharging
SOU069	205	'6688171_/_6688169'	6.67		6.67	6.67	0.568	1	6.67	5.12 No	0.568 Thermal Discharging
SOU069	206	'6763022_/_43981996'	3.33		3.33	3.33	0.288	0.5	3.33	2.56 No	0.288 Thermal Discharging
SOU069	207	'6745513_/_6745510'	6.67		6.67	6.67	0.568	1.07	6.67	5.12 No	0.568 Thermal Discharging
SOU069	208	'6748323_/_6748320'	3.33		3.33	3.33	0.288	0.5	3.33	2.56 No	0.288 Thermal Discharging
SOU069	209	'579877588_/_44027594'	10		10	10	0.856	4.6	10	7.68 No	0.856 Thermal Discharging
SOU069	210	'6686300_/_6686310_2'	3.33		3.33	3.33	0.288	0.5	3.33	2.56 No	0.288 Thermal Discharging
SOU069	211	'44027533_/_6965053'	3.33		3.33	3.33	0.288	0.5	3.33	2.56 No	0.288 Thermal Discharging
SOU069	212	'6966102_/_6966113_3'	3.33		3.33	3.33	0.288	1.1	3.33	2.56 No	0.288 Thermal Discharging
SOU069	213	'43968421_/_6686310_1'	3.33		3.33	3.33	0.288	0.5	3.33	2.56 No	0.288 Thermal Discharging
SOU069	214	'6745528_/_6745525_1'	6.6		6.67	6.67	0.568	1.07	6.67	5.12 No	0.568 Thermal Discharging
SOU069	215	'454277581_/_6966113_2'	3.33		3.33	3.33	0.288	0.5	3.33	2.56 No	0.288 Thermal Discharging
SOU069	216	'6962611_/_6965011'	3.33		3.33	3.33	0.288	0.5	3.33	2.56 No	0.288 Thermal Discharging
SOU069	217	'43971962_/_6703564'	3.33		3.33	3.33	0.288	0.5	3.33	2.56 No	0.288 Thermal Discharging
SOU069	218	'43981653_/_6745525_2'	6.13		6.67	6.67	0.568	1.07	6.67	5.12 No	0.568 Thermal Discharging
SOU069	219	'43982040_/_6746038'	3.33		3.33	3.33	0.288	0.5	3.33	2.56 No	0.288 Thermal Discharging
SOU069	220	'6763180_/_6763178'	3.33		3.33	3.33	0.288	0.5	3.33	2.56 No	0.288 Thermal Discharging
SOU069	221	'6763061_/_6763058'	3.33		3.33	3.33	0.288	0.5	3.33	2.56 No	0.288 Thermal Discharging
SOU069	222	'6686449_/_6686459'	3.33		3.33	3.33	0.288	1.1	3.33	2.56 No	0.288 Thermal Discharging
SOU069	223	'6667609_/_6688153'	3.33		3.33	3.33	0.288	0.5	3.33	2.56 No	0.288 Thermal Discharging
SOU069	224	'6961475_/_6961472'	10		10	10	0.856	4.6	10	7.68 No	0.856 Thermal Discharging
SOU069	225	'44026641_/_6962596'	3.33		3.33	3.33	0.288	0.5	3.33	2.56 No	0.288 Thermal Discharging
SOU069	226	'6961332_/_6966113_1'	3.33		3.33	3.33	0.288	0.5	3.33	2.56 No	0.288 Thermal Discharging
SOU069	227	'44026597_/_44026599'	3.33		3.33	3.33	0.288	0.5	3.33	2.56 No	0.288 Thermal Discharging
SOU069	228	'6748336_/_6748333'	3.33		3.33	3.33	0.288	0.5	3.33	2.56 No	0.288 Thermal Discharging
SOU069	229	'6965069_/_44027535'	3.33		3.33	3.33	0.288	0.5	3.33	2.56 No	0.288 Thermal Discharging
SOU069	230	'6745543_/_43981655'	4.8		6.67	6.67	0.568	1.07	6.67	5.12 No	0.568 Thermal Discharging
SOU069	231	'6703541_/_6703551'	3.33		3.33	3.33	0.288	0.5	3.33	2.56 No	0.288 Thermal Discharging
SOU069	232	'6746054_/_6746051'	3.33		3.33	3.33	0.288	0.5	3.33	2.56 No	0.288 Thermal Discharging
SOU069	233	'6961492_/_6961489'	10		10	10	0.856	4.6	10	7.68 No	0.856 Thermal Discharging
SOU069	234	'6763194_/_6763191'	3.33		3.33	3.33	0.288	0.5	3.33	2.56 No	0.288 Thermal Discharging
SOU069	235	'6962913_/_6962910'	3.33		3.33	3.33	0.288	0.5	3.33	2.56 No	0.288 Thermal Discharging
SOU069	236	'6686287_/_6686297'	3.33		3.33	3.33	0.288	0.5	3.33	2.56 No	0.288 Thermal Discharging
SOU069	237	'6667610_/_6667607'	3.33		3.33	3.33	0.288	0.5	3.33	2.56 No	0.288 Thermal Discharging
SOU069	238	'6962612_/_6962609'	3.33		3.33	3.33	0.288	0.5	3.33	2.56 No	0.288 Thermal Discharging
SOU069	239	'6763074_/_6763071'	3.33		3.33	3.33	0.288	0.5	3.33	2.56 No	0.288 Thermal Discharging
SOU069	240	'6686436_/_6686446'	3.33		3.33	3.33	0.288	1.1	3.33	2.56 No	0.288 Thermal Discharging
SOU069	241	'6962573_/_6962583'	3.33		3.33	3.33	0.288	0.5	3.33	2.56 No	0.288 Thermal Discharging
SOU069	242	'579877439_/_6961509'	10		10	10	0.856	4.6	10	7.68 No	0.856 Thermal Discharging
SOU069	243	'6966129_/_6966143_2'	10		10	10	0.856	4.6	10	7.68 No	0.856 Thermal Discharging
SOU069	244	'43971951_/_6703538'	3.33		3.33	3.33	0.288	0.5	3.33	2.56 No	0.288 Thermal Discharging
SOU069	245	'6763220_/_6763217'	3.33		3.33	3.33	0.288	0.5	3.33	2.56 No	0.288 Thermal Discharging
SOU069	246	'6964878_/_6964891_2'	3.33		3.33	3.33	0.288	1.1	3.33	2.56 No	0.288 Thermal Discharging
SOU069	247	'6745558_/_6745555'	4		6.67	6.67	0.568	1.07	6.67	5.12 No	0.568 Thermal Discharging
SOU069	248	'44027443_/_44027445'	3.33		3.33	3.33	0.288	0.5	3.33	2.56 No	0.288 Thermal Discharging
SOU069	249	'44027465_/_6964930'	3.33		3.33	3.33	0.288	0.5	3.33	2.56 No	0.288 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SOU069	250	'6962401_/_6962411'	3.33		3.33	3.33	0.288	0.5	3.33	2.56 No	0.288 Thermal Discharging
SOU069	251	'6961319_/_6961316_2'	3.33		3.33	3.33	0.288	0.5	3.33	2.56 No	0.288 Thermal Discharging
SOU069	252	'6686274_/_6686284'	3.33		3.33	3.33	0.288	0.5	3.33	2.56 No	0.288 Thermal Discharging
SOU069	253	'44027544_/_6965176'	3.33		3.33	3.33	0.288	0.5	3.33	2.56 No	0.288 Thermal Discharging
SOU069	254	'43982051_/_6746064'	2.83		3.33	3.33	0.288	0.5	3.33	2.56 No	0.288 Thermal Discharging
SOU069	255	'6965191_/_6966143_1'	10		10	10	0.856	1.7	10	7.68 No	0.856 Thermal Discharging
SOU069	256	'6961441_/_6961439'	3.33		3.33	3.33	0.288	1.1	3.33	2.56 No	0.288 Thermal Discharging
SOU069	257	'587884563_/_6965246'	3.33		3.33	3.33	0.288	1.1	3.33	2.56 No	0.288 Thermal Discharging
SOU069	258	'6745573_/_6745570'	3.53		6.67	6.67	0.568	1.07	6.67	5.12 No	0.568 Thermal Discharging
SOU069	259	'6703515_/_6703525'	3.33		3.33	3.33	0.288	0.5	3.33	2.56 No	0.288 Thermal Discharging
SOU069	260	'6962560_/_6962570'	3.33		3.33	3.33	0.288	0.5	3.33	2.56 No	0.288 Thermal Discharging
SOU069	261	'44027522_/_6965024'	3.33		3.33	3.33	0.288	0.5	3.33	2.56 No	0.288 Thermal Discharging
SOU069	262	'6686423_/_6686433'	3.33		3.33	3.33	0.288	1.1	3.33	2.56 No	0.288 Thermal Discharging
SOU069	263	'43982106_/_6763084'	2.97		3.33	3.33	0.288	0.5	3.33	2.56 No	0.288 Thermal Discharging
SOU069	264	'43968410_/_6686271'	3.33		3.33	3.33	0.288	0.5	3.33	2.56 No	0.288 Thermal Discharging
SOU069	265	'43982150_/_6763230'	3		3.33	3.33	0.288	0.5	3.33	2.56 No	0.288 Thermal Discharging
SOU069	266	'6961306_/_6961316_1'	3.33		3.33	3.33	0.288	0.5	3.33	2.56 No	0.288 Thermal Discharging
SOU069	267	'44027605_/_6965189'	10		10	10	0.856	1.7	10	7.68 No	0.856 Thermal Discharging
SOU069	268	'6745621_/_6745618'	1.77		3.33	3.33	0.288	0.53	3.33	2.56 No	0.288 Thermal Discharging
SOU069	269	'6745587_/_6757917'	3.27		6.67	6.67	0.568	1.07	6.67	5.12 No	0.568 Thermal Discharging
SOU069	270	'44027555_/_6965160'	3.33		3.33	3.33	0.288	0.5	3.33	2.56 No	0.288 Thermal Discharging
SOU069	271	'6961528_/_6964891_1'	3.33		3.33	3.33	0.288	0.5	3.33	2.56 No	0.288 Thermal Discharging
SOU069	272	'6962624_/_6965040'	3.33		3.33	3.33	0.288	0.5	3.33	2.56 No	0.288 Thermal Discharging
SOU069	273	'6703514_/_6703512'	3.33		3.33	3.33	0.288	0.5	3.33	2.56 No	0.288 Thermal Discharging
SOU069	274	'6746080_/_6746077'	2.13		3.33	3.33	0.288	0.5	3.33	2.56 No	0.288 Thermal Discharging
SOU069	275	'6961593_/_44027607'	10		10	10	0.856	1.7	10	7.68 No	0.856 Thermal Discharging
SOU069	276	'6745588_/_6745585'	3.07		6.67	6.67	0.568	1.07	6.67	5.12 No	0.568 Thermal Discharging
SOU069	277	'44026630_/_6962557'	3.33		3.33	3.33	0.288	0.5	3.33	2.56 No	0.288 Thermal Discharging
SOU069	278	'43968467_/_43968469'	3.33		3.33	3.33	0.288	1.1	3.33	2.56 No	0.288 Thermal Discharging
SOU069	279	'44026586_/_6962398'	3.33		3.33	3.33	0.288	0.5	3.33	2.56 No	0.288 Thermal Discharging
SOU069	280	'6962715_/_44027557'	3.33		3.33	3.33	0.288	0.5	3.33	2.56 No	0.288 Thermal Discharging
SOU069	281	'6962625_/_6962622'	3.33		3.33	3.33	0.288	0.5	3.33	2.56 No	0.288 Thermal Discharging
SOU069	282	'6763100_/_6763097'	2.2		3.33	3.33	0.288	0.5	3.33	2.56 No	0.288 Thermal Discharging
SOU069	283	'6961594_/_6961591'	10		10	10	0.856	1.7	10	7.68 No	0.856 Thermal Discharging
SOU069	284	'6745634_/_6745631'	1.63		3.33	3.33	0.288	0.53	3.33	2.56 No	0.288 Thermal Discharging
SOU069	285	'44026387_/_6961303'	3.33		3.33	3.33	0.288	0.5	3.33	2.56 No	0.288 Thermal Discharging
SOU069	286	'6763246_/_6763243'	2.17		3.33	3.33	0.288	0.5	3.33	2.56 No	0.288 Thermal Discharging
SOU069	287	'6686248_/_6686258'	2.93		3.33	3.33	0.288	0.5	3.33	2.56 No	0.288 Thermal Discharging
SOU069	288	'6962900_/_6962897'	3.33		3.33	3.33	0.288	0.5	3.33	2.56 No	0.288 Thermal Discharging
SOU069	289	'6686394_/_6686404'	3.33		3.33	3.33	0.288	1.1	3.33	2.56 No	0.288 Thermal Discharging
SOU069	290	'43982062_/_6746090'	1.77		3.33	3.33	0.288	0.5	3.33	2.56 No	0.288 Thermal Discharging
SOU069	291	'6962638_/_6962635'	3.33		3.33	3.33	0.288	0.5	3.33	2.56 No	0.288 Thermal Discharging
SOU069	292	'6962716_/_6962713'	3.33		3.33	3.33	0.288	0.5	3.33	2.56 No	0.288 Thermal Discharging
SOU069	293	'6961529_/_6961526'	3.33		3.33	3.33	0.288	0.5	3.33	2.56 No	0.288 Thermal Discharging
SOU069	294	'6745603_/_6745600'	2.73		6.67	6.67	0.568	1.07	6.67	5.12 No	0.568 Thermal Discharging
SOU069	295	'6961280_/_6961290'	2.87		3.33	3.33	0.288	0.5	3.33	2.56 No	0.288 Thermal Discharging
SOU069	296	'6745650_/_6745647'	1.43		3.33	3.33	0.288	0.53	3.33	2.56 No	0.288 Thermal Discharging
SOU069	297	'6962375_/_6962385'	2.87		3.33	3.33	0.288	0.5	3.33	2.56 No	0.288 Thermal Discharging
SOU069	298	'6962534_/_6962544'	3.13		3.33	3.33	0.288	0.5	3.33	2.56 No	0.288 Thermal Discharging
SOU069	299	'6961542_/_6961539'	2.57		3.33	3.33	0.288	0.5	3.33	2.56 No	0.288 Thermal Discharging
SOU069	300	'44026652_/_6962648'	2.87		3.33	3.33	0.288	0.5	3.33	2.56 No	0.288 Thermal Discharging
SOU069	301	'6686381_/_6686391'	2.47		3.33	3.33	0.288	1.1	3.33	2.56 No	0.288 Thermal Discharging
SOU069	302	'77834292_/_6745663'	2.53		6.67	6.67	0.568	1.07	6.67	5.12 No	0.568 Thermal Discharging
SOU069	303	'43984534_/_6763110'	1.73		3.33	3.33	0.288	0.5	3.33	2.56 No	0.288 Thermal Discharging
SOU069	304	'43982161_/_6763256'	1.8		3.33	3.33	0.288	0.5	3.33	2.56 No	0.288 Thermal Discharging
SOU069	305	'45293492_/_6746106'	1.53		3.33	3.33	0.288	0.5	3.33	2.56 No	0.288 Thermal Discharging
SOU069	306	'44027476_/_6964959'	2.37		3.33	3.33	0.288	0.5	3.33	2.56 No	0.288 Thermal Discharging
SOU069	307	'44026685_/_6962965'	2.4		3.33	3.33	0.288	0.5	3.33	2.56 No	0.288 Thermal Discharging
SOU069	308	'6961345_/_6961342'	2.43		3.33	3.33	0.288	0.5	3.33	2.56 No	0.288 Thermal Discharging
SOU069	309	'44027454_/_6964904'	2.3		3.33	3.33	0.288	0.5	3.33	2.56 No	0.288 Thermal Discharging
SOU069	310	'43968399_/_6686245'	2.03		3.33	3.33	0.288	0.5	3.33	2.56 No	0.288 Thermal Discharging
SOU069	311	'6745681_/_6745678'	2.4		6.67	6.67	0.568	1.07	6.67	5.12 No	0.568 Thermal Discharging
SOU069	312	'43968456_/_43968458'	2.13		3.33	3.33	0.288	1.1	3.33	2.56 No	0.288 Thermal Discharging
SOU069	313	'6961267_/_6961277'	2.1		3.33	3.33	0.288	0.5	3.33	2.56 No	0.288 Thermal Discharging
SOU069	314	'6962664_/_6962661'	2.33		3.33	3.33	0.288	0.5	3.33	2.56 No	0.288 Thermal Discharging
SOU069	315	'6961358_/_6961355'	2.13		3.33	3.33	0.288	0.5	3.33	2.56 No	0.288 Thermal Discharging
SOU069	316	'6964975_/_44027478'	2.03		3.33	3.33	0.288	0.5	3.33	2.56 No	0.288 Thermal Discharging
SOU069	317	'6961614_/_6961611'	5.9		10	10	0.856	1.7	10	7.68 No	0.856 Thermal Discharging
SOU069	318	'6962981_/_6962978'	2.03		3.33	3.33	0.288	0.5	3.33	2.56 No	0.288 Thermal Discharging
SOU069	319	'6745696_/_6745693'	2.33		6.67	6.67	0.568	1.07	6.67	5.12 No	0.568 Thermal Discharging
SOU069	320	'9344998_/_9344996_1'	5.7		10	10	0.856	0.9	10	7.68 No	0.856 Thermal Discharging
SOU069	321	'6961554_/_6964917'	1.9		3.33	3.33	0.288	0.5	3.33	2.56 No	0.288 Thermal Discharging
SOU069	322	'44026575_/_44026577'	2		3.33	3.33	0.288	0.5	3.33	2.56 No	0.288 Thermal Discharging
SOU069	323	'6962521_/_6962531'	2.03		3.33	3.33	0.288	0.5	3.33	2.56 No	0.288 Thermal Discharging
SOU069	324	'6763126_/_43984536'	1.47		3.33	3.33	0.288	0.5	3.33	2.56 No	0.288 Thermal Discharging
SOU069	325	'77834363_/_6745708'	2.2		6.67	6.67	0.568	1.07	6.67	5.12 No	0.568 Thermal Discharging
SOU069	326	'6686222_/_6686232'	1.67		3.33	3.33	0.288	0.5	3.33	2.56 No	0.288 Thermal Discharging
SOU069	327	'44026663_/_6962674'	2		3.33	3.33	0.288	0.5	3.33	2.56 No	0.288 Thermal Discharging
SOU069	328	'6961374_/_6961371'	1.83		3.33	3.33	0.288	0.5	3.33	2.56 No	0.288 Thermal Discharging
SOU069	329	'9040217_/_9040215_1'	2.13		6.67	6.67	0.568	0.6	6.67	5.12 No	0.568 Thermal Discharging
SOU069	330	'44026376_/_44026378'	1.73		3.33	3.33	0.288	0.5	3.33	2.56 No	0.288 Thermal Discharging
SOU069	331	'6686352_/_6686365'	1.73		3.33	3.33	0.288	1.1	3.33	2.56 No	0.288 Thermal Discharging
SOU069	332	'44026746_/_6962991'	1.7		3.33	3.33	0.288	0.5	3.33	2.56 No	0.288 Thermal Discharging
SOU069	333	'6964988_/_6964985'	1.63		3.33	3.33	0.288	0.5	3.33	2.56 No	0.288 Thermal Discharging
SOU069	334	'6961555_/_6961552'	1.63		3.33	3.33	0.288	0.5	3.33	2.56 No	0.288 Thermal Discharging
SOU069	335	'6962349_/_6962359'	1.7		3.33	3.33	0.288	0.5	3.33	2.56 No	0.288 Thermal Discharging
SOU069	336	'9040218_/_9040215_2'	2.07		6.67	6.67	0.568	0.6	6.67	5.12 No	0.568 Thermal Discharging
SOU069	337	'6962690_/_44026665'	1.8		3.33	3.33	0.288	0.5	3.33	2.56 No	0.288 Thermal Discharging
SOU069	338	'6961387_/_6961384'	1.67		3.33	3.33	0.288	0.5	3.33	2.56 No	0.288 Thermal Discharging
SOU069	339	'44026365_/_44026367'	1.57		3.33	3.33	0.288	0.5	3.33	2.56 No	0.288 Thermal Discharging
SOU069	340	'43968388_/_43968390'	1.43		3.33	3.33	0.288	0.5	3.33	2.56 No	0.288 Thermal Discharging
SOU069	341	'6686339_/_6686349'	1.57		3.33	3.33	0.288	1	3.33	2.56 No	0.288 Thermal Discharging
SOU069	342	'6961580_/_8410540_1'	1.53		3.33	3.33	0.288	0.3	3.33	2.56 No	0.288 Thermal Discharging
SOU069	343	'44026619_/_44026621'	1.63		3.33	3.33	0.288	0.5	3.33	2.56 No	0.288 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SOU069	344	'43981619_/_43981632'	1.07	3.33	3.33	0.288	0.53	3.33	2.56 No	0.288	Thermal Discharging
SOU069	345	'151067129_/_6966083'	4.4	10	10	0.856	1.7	10	7.68 No	0.856	Thermal Discharging
SOU069	346	'6963007_/_6963004'	1.53	3.33	3.33	0.288	0.5	3.33	2.56 No	0.288	Thermal Discharging
SOU069	347	'43982117_/_6763136'	1.23	3.33	3.33	0.288	0.5	3.33	2.56 No	0.288	Thermal Discharging
SOU069	348	'350918869_/_151067162_1'	4.4	10	10	0.856	1.1	10	7.68 No	0.856	Thermal Discharging
SOU069	349	'44026674_/_6962700'	1.63	3.33	3.33	0.288	0.5	3.33	2.56 No	0.288	Thermal Discharging
SOU069	350	'6961400_/_6961397'	1.47	3.33	3.33	0.288	0.5	3.33	2.56 No	0.288	Thermal Discharging
SOU069	351	'6962336_/_6962346'	1.5	3.33	3.33	0.288	0.5	3.33	2.56 No	0.288	Thermal Discharging
SOU069	352	'44026696_/_6963017'	1.43	3.33	3.33	0.288	0.5	3.33	2.56 No	0.288	Thermal Discharging
SOU069	353	'6961568_/_6961565'	1.4	3.33	3.33	0.288	0.5	3.33	2.56 No	0.288	Thermal Discharging
SOU069	354	'43968445_/_43968447'	1.4	3.33	3.33	0.288	1	3.33	2.56 No	0.288	Thermal Discharging
SOU069	355	'6686209_/_6686206'	1.27	3.33	3.33	0.288	0.5	3.33	2.56 No	0.288	Thermal Discharging
SOU069	356	'6962495_/_6962505'	1.47	3.33	3.33	0.288	0.5	3.33	2.56 No	0.288	Thermal Discharging
SOU069	357	'7468034_/_151067162_2'	4	10	10	0.856	1.1	10	7.68 No	0.856	Thermal Discharging
SOU069	358	'6993504_/_7117582'	1.5	3.33	3.33	0.288	0.5	3.33	2.56 No	0.288	Thermal Discharging
SOU069	359	'6685721_/_6685718_2'	1.37	3.33	3.33	0.288	1	3.33	2.56 No	0.288	Thermal Discharging
SOU069	360	'6962729_/_44026698'	1.37	3.33	3.33	0.288	0.5	3.33	2.56 No	0.288	Thermal Discharging
SOU069	361	'6745742_/_6745739'	0.97	3.33	3.33	0.288	0.53	3.33	2.56 No	0.288	Thermal Discharging
SOU069	362	'6763152_/_6763149'	1.13	3.33	3.33	0.288	0.5	3.33	2.56 No	0.288	Thermal Discharging
SOU069	363	'6961413_/_6961410'	1.33	3.33	3.33	0.288	0.5	3.33	2.56 No	0.288	Thermal Discharging
SOU069	364	'44026564_/_44026566'	1.37	3.33	3.33	0.288	0.5	3.33	2.56 No	0.288	Thermal Discharging
SOU069	365	'9344999_/_9344996_2'	3.7	10	10	0.856	0.9	10	7.68 No	0.856	Thermal Discharging
SOU069	366	'6962479_/_6962492'	1.37	3.33	3.33	0.288	0.5	3.33	2.56 No	0.288	Thermal Discharging
SOU069	367	'6964865_/_6964862'	1.23	3.33	3.33	0.288	0.5	3.33	2.56 No	0.288	Thermal Discharging
SOU069	368	'6993505_/_6993502'	1.4	3.33	3.33	0.288	0.5	3.33	2.56 No	0.288	Thermal Discharging
SOU069	369	'6993533_/_7117595'	1.27	3.33	3.33	0.288	0.5	3.33	2.56 No	0.288	Thermal Discharging
SOU069	370	'6962466_/_6962476'	1.33	3.33	3.33	0.288	0.5	3.33	2.56 No	0.288	Thermal Discharging
SOU069	371	'6745758_/_6745755'	0.9	3.33	3.33	0.288	0.53	3.33	2.56 No	0.288	Thermal Discharging
SOU069	372	'6962453_/_6962463'	1.27	3.33	3.33	0.288	0.5	3.33	2.56 No	0.288	Thermal Discharging
SOU069	373	'44033421_/_6993518'	1.3	3.33	3.33	0.288	0.5	3.33	2.56 No	0.288	Thermal Discharging
SOU069	374	'6962310_/_6962320'	1.23	3.33	3.33	0.288	0.5	3.33	2.56 No	0.288	Thermal Discharging
SOU069	375	'6685708_/_6685718_1'	1.2	3.33	3.33	0.288	1	3.33	2.56 No	0.288	Thermal Discharging
SOU069	376	'8410527_/_8410540_2'	1.17	3.33	3.33	0.288	0.3	3.33	2.56 No	0.288	Thermal Discharging
SOU069	377	'44026608_/_44026610'	1.23	3.33	3.33	0.288	0.5	3.33	2.56 No	0.288	Thermal Discharging
SOU069	378	'6763168_/_6763165'	1	3.33	3.33	0.288	0.5	3.33	2.56 No	0.288	Thermal Discharging
SOU069	379	'6993534_/_6993531'	1.13	3.33	3.33	0.288	0.5	3.33	2.56 No	0.288	Thermal Discharging
SOU069	380	'6962193_/_6962203'	1.2	3.33	3.33	0.288	0.5	3.33	2.56 No	0.288	Thermal Discharging
SOU069	381	'6962297_/_6962307'	1.13	3.33	3.33	0.288	0.5	3.33	2.56 No	0.288	Thermal Discharging
SOU069	382	'7780956_/_8410524'	1.1	3.33	3.33	0.288	0.3	3.33	2.56 No	0.288	Thermal Discharging
SOU069	383	'6685695_/_6685705'	1.1	3.33	3.33	0.288	1	3.33	2.56 No	0.288	Thermal Discharging
SOU069	384	'44026520_/_44026522'	1.17	3.33	3.33	0.288	0.5	3.33	2.56 No	0.288	Thermal Discharging
SOU069	385	'6993600_/_6993597'	1.17	3.33	3.33	0.288	0.5	3.33	2.56 No	0.288	Thermal Discharging
SOU069	386	'6993547_/_44033456'	1.07	3.33	3.33	0.288	0.5	3.33	2.56 No	0.288	Thermal Discharging
SOU069	387	'6962167_/_6962177'	1.13	3.33	3.33	0.288	0.5	3.33	2.56 No	0.288	Thermal Discharging
SOU069	388	'44026553_/_44026555'	1.07	3.33	3.33	0.288	0.5	3.33	2.56 No	0.288	Thermal Discharging
SOU069	389	'6962099_/_6962096_2'	1.07	3.33	3.33	0.288	0.5	3.33	2.56 No	0.288	Thermal Discharging
SOU069	390	'452862994_/_452863016'	1	3.33	3.33	0.288	0.3	3.33	2.56 No	0.288	Thermal Discharging
SOU069	391	'6962151_/_6962164'	1.1	3.33	3.33	0.288	0.5	3.33	2.56 No	0.288	Thermal Discharging
SOU069	392	'6685682_/_6685692'	1	3.33	3.33	0.288	1	3.33	2.56 No	0.288	Thermal Discharging
SOU069	393	'6993613_/_6993610'	1.07	3.33	3.33	0.288	0.5	3.33	2.56 No	0.288	Thermal Discharging
SOU069	394	'6962086_/_6962096_1'	0.97	3.33	3.33	0.288	0.5	3.33	2.56 No	0.288	Thermal Discharging
SOU069	395	'43968211_/_43968213'	0.93	3.33	3.33	0.288	1	3.33	2.56 No	0.288	Thermal Discharging
SOU069	396	'44033432_/_6993623'	0.97	3.33	3.33	0.288	0.5	3.33	2.56 No	0.288	Thermal Discharging
SOU069	397	'7780955_/_7780953_2'	0.9	3.33	3.33	0.288	0.3	3.33	2.56 No	0.288	Thermal Discharging
SOU069	398	'6961241_/_7780953_1'	0.87	3.33	3.33	0.288	0.2	3.33	2.56 No	0.2	Element Fault
SOU069	399	'587884546_/_6961251'	0.87	3.33	3.33	0.288	0.2	3.33	2.56 No	0.2	Element Fault
SOU069	400	'6962073_/_6962083'	0.9	3.33	3.33	0.288	0.5	3.33	2.56 No	0.288	Thermal Discharging
SOU069	401	'6685656_/_6685666'	0.87	3.33	3.33	0.288	1	3.33	2.56 No	0.288	Thermal Discharging
SOU069	402	'6993639_/_44033434'	0.9	3.33	3.33	0.288	0.5	3.33	2.56 No	0.288	Thermal Discharging
SOU069	403	'44026354_/_6961238'	0.83	3.33	3.33	0.288	0.2	3.33	2.56 No	0.2	Element Fault
SOU069	404	'6962060_/_6962070'	0.83	3.33	3.33	0.288	0.5	3.33	2.56 No	0.288	Thermal Discharging
SOU069	405	'6685643_/_6685653'	0.8	3.33	3.33	0.288	1	3.33	2.56 No	0.288	Thermal Discharging
SOU069	406	'44033443_/_6993649'	0.83	3.33	3.33	0.288	0.5	3.33	2.56 No	0.288	Thermal Discharging
SOU069	407	'6961092_/_6961225'	0.77	3.33	3.33	0.288	0.2	3.33	2.56 No	0.2	Element Fault
SOU069	408	'43968200_/_43968202'	0.77	3.33	3.33	0.288	1	3.33	2.56 No	0.288	Thermal Discharging
SOU069	409	'6962047_/_6962057'	0.77	3.33	3.33	0.288	0.5	3.33	2.56 No	0.288	Thermal Discharging
SOU069	410	'45001834_/_6993662'	0.77	3.33	3.33	0.288	0.5	3.33	2.56 No	0.288	Thermal Discharging
SOU069	411	'44026332_/_6961089'	0.73	3.33	3.33	0.288	0.2	3.33	2.56 No	0.2	Element Fault
SOU069	412	'6685617_/_6685627'	0.73	3.33	3.33	0.288	1	3.33	2.56 No	0.288	Thermal Discharging
SOU069	413	'44026486_/_6962044'	0.73	3.33	3.33	0.288	0.5	3.33	2.56 No	0.288	Thermal Discharging
SOU069	414	'6685604_/_6685614'	0.7	3.33	3.33	0.288	1	3.33	2.56 No	0.288	Thermal Discharging
SOU069	415	'6961066_/_6961076'	0.67	3.33	3.33	0.288	0.2	3.33	2.56 No	0.2	Element Fault
SOU069	416	'6962021_/_6962031'	0.7	3.33	3.33	0.288	0.5	3.33	2.56 No	0.288	Thermal Discharging
SOU069	417	'6685591_/_6685601'	0.67	3.33	3.33	0.288	1	3.33	2.56 No	0.288	Thermal Discharging
SOU069	418	'6961053_/_6961063'	0.63	3.33	3.33	0.288	0.2	3.33	2.56 No	0.2	Element Fault
SOU069	419	'6962008_/_6962018'	0.67	3.33	3.33	0.288	0.5	3.33	2.56 No	0.288	Thermal Discharging
SOU069	420	'430187333_/_6685588_2'	0.63	3.33	3.33	0.288	1	3.33	2.56 No	0.288	Thermal Discharging
SOU069	421	'6961039_/_6961050'	0.6	3.33	3.33	0.288	0.2	3.33	2.56 No	0.2	Element Fault
SOU069	422	'6685578_/_6685588_1'	0.63	3.33	3.33	0.288	1	3.33	2.56 No	0.288	Thermal Discharging
SOU069	423	'579391563_/_6961209'	0.6	3.33	3.33	0.288	0.2	3.33	2.56 No	0.2	Element Fault
SOU069	424	'587884498_/_579391561'	0.6	3.33	3.33	0.288	0.2	3.33	2.56 No	0.2	Element Fault
SOU069	425	'6961995_/_6962005'	0.63	3.33	3.33	0.288	0.5	3.33	2.56 No	0.288	Thermal Discharging
SOU069	426	'6685577_/_6685575_2'	0.6	3.33	3.33	0.288	1	3.33	2.56 No	0.288	Thermal Discharging
SOU069	427	'44026475_/_44026477'	0.63	3.33	3.33	0.288	0.5	3.33	2.56 No	0.288	Thermal Discharging
SOU069	428	'579860922_/_6685575_1'	0.6	3.33	3.33	0.288	1	3.33	2.56 No	0.288	Thermal Discharging
SOU069	429	'579876718_/_6961037'	0.6	3.33	3.33	0.288	0.2	3.33	2.56 No	0.2	Element Fault
SOU069	430	'6953417_/_7117461'	0.57	3.33	3.33	0.288	0.5	3.33	2.56 No	0.288	Thermal Discharging
SOU069	431	'6953404_/_6953414'	0.57	3.2	3.33	0.288	0.5	3.33	2.56 No	0.288	Thermal Discharging
SOU069	432	'44024599_/_6953401'	0.53	2.97	3.33	0.288	0.5	3.33	2.56 No	0.288	Thermal Discharging
SOU069	433	'6953378_/_6953388'	0.5	2.8	3.33	0.288	0.5	3.33	2.56 No	0.288	Thermal Discharging
SOU069	434	'6953377_/_6953375'	0.5	2.7	3.33	0.288	0.5	3.33	2.56 No	0.288	Thermal Discharging
SOU072	0	'SOU072_/_7459751'	10	10	10	1.768	10	10	4.82 No	1.768	Thermal Discharging
SOU072	1	'7459753_/_7459751'	10	10	10	1.768	10	10	4.82 No	1.768	Thermal Discharging
SOU072	2	'8094369_/_8094366'	10	10	10	1.768	10	10	4.82 No	1.768	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over- Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SOU072	3	'8094288_/_/8720612'		10	10	10	1.768	10	10	4.82 No	1.768 Thermal Discharging
SOU072	4	'8094289_/_/8094286'		10	10	10	1.768	10	10	4.82 No	1.768 Thermal Discharging
SOU072	5	'9038926_/_/9353610'		10	10	10	1.768	10	10	4.82 No	1.768 Thermal Discharging
SOU072	6	'7459480_/_/9038923'		10	10	10	1.768	10	10	4.82 No	1.768 Thermal Discharging
SOU072	7	'7459460_/_/7459477'		10	10	10	1.768	10	10	4.82 No	1.768 Thermal Discharging
SOU072	8	'7459459_/_/7459457'		10	10	10	1.768	10	10	4.82 No	1.768 Thermal Discharging
SOU072	9	'8720695_/_/9038903'		10	10	10	1.768	10	10	4.82 No	1.768 Thermal Discharging
SOU072	10	'8720694_/_/8720692'		10	10	10	1.768	10	10	4.82 No	1.768 Thermal Discharging
SOU072	11	'8112039_/_/9038843'		10	10	10	1.768	10	10	4.82 No	1.768 Thermal Discharging
SOU072	12	'8112038_/_/8112036'		10	10	10	1.768	10	10	4.82 No	1.768 Thermal Discharging
SOU072	13	'8403293_/_/9354562'		10	10	10	1.768	10	10	4.82 No	1.768 Thermal Discharging
SOU072	14	'8095289_/_/8403290'		10	10	10	1.768	10	10	4.82 No	1.768 Thermal Discharging
SOU072	15	'8095288_/_/8095286'		10	10	10	1.768	10	10	4.82 No	1.768 Thermal Discharging
SOU072	16	'8719510_/_/8719508'		10	10	10	1.768	10	10	4.82 No	1.768 Thermal Discharging
SOU072	17	'9354305_/_/9354362'		10	10	10	1.768	10	10	4.82 No	1.768 Thermal Discharging
SOU072	18	'7774046_/_/9354302'		10	10	10	1.768	10	10	4.82 No	1.768 Thermal Discharging
SOU072	19	'7774045_/_/7774043'		10	10	10	1.768	10	10	4.82 No	1.768 Thermal Discharging
SOU072	20	'8719650_/_/9668208'		10	10	10	1.768	10	10	4.82 No	1.768 Thermal Discharging
SOU072	21	'7773685_/_/8719648'		10	10	10	1.768	10	10	4.82 No	1.768 Thermal Discharging
SOU072	22	'7773686_/_/7773683'		10	10	10	1.768	10	10	4.82 No	1.768 Thermal Discharging
SOU072	23	'8095011_/_/8403190'		10	10	10	1.768	10	10	4.82 No	1.768 Thermal Discharging
SOU072	24	'8095010_/_/8095008'		10	10	10	1.768	10	10	4.82 No	1.768 Thermal Discharging
SOU072	25	'9039746_/_/9354442'		10	10	10	1.768	10	10	4.82 No	1.768 Thermal Discharging
SOU072	26	'7773906_/_/9039743'		10	10	10	1.768	10	10	4.82 No	1.768 Thermal Discharging
SOU072	27	'7773905_/_/7773903'		10	10	10	1.768	10	10	4.82 No	1.768 Thermal Discharging
SOU072	28	'9051208_/_/9056735'		10	10	10	1.768	10	10	4.82 No	1.768 Thermal Discharging
SOU072	29	'9051207_/_/9051205'		10	10	10	1.768	10	10	4.82 No	1.768 Thermal Discharging
SOU072	30	'9365143_/_/9365300'		10	10	10	1.768	10	10	4.82 No	1.768 Thermal Discharging
SOU072	31	'9365142_/_/9365140'		10	10	10	1.768	10	10	4.82 No	1.768 Thermal Discharging
SOU072	32	'9051188_/_/9679308'		10	10	10	1.768	10	10	4.82 No	1.768 Thermal Discharging
SOU072	33	'532506271_/_/532506277'		10	10	10	1.768	10	10	4.82 No	1.768 Thermal Discharging
SOU072	34	'532505968_/_/532506590'		10	10	10	1.768	10	10	4.82 No	1.768 Thermal Discharging
SOU072	35	'532505793_/_/532506039'		10	10	10	1.768	10	10	4.82 No	1.768 Thermal Discharging
SOU072	36	'532505471_/_/532505775'		10	10	10	1.768	10	10	4.82 No	1.768 Thermal Discharging
SOU072	37	'7473974_/_/7473972'		10	10	10	1.768	10	10	4.82 No	1.768 Thermal Discharging
SOU072	38	'9365223_/_/9365240'		10	10	10	1.768	10	10	4.82 No	1.768 Thermal Discharging
SOU072	39	'9365222_/_/9365220'		10	10	10	1.768	10	10	4.82 No	1.768 Thermal Discharging
SOU072	40	'7775431_/_/9684530'		10	10	10	1.768	10	10	4.82 No	1.768 Thermal Discharging
SOU072	41	'7775432_/_/7775429'		10	10	10	1.768	10	10	4.82 No	1.768 Thermal Discharging
SOU072	42	'8096769_/_/8096766'		10	10	10	1.768	10	10	4.82 No	1.768 Thermal Discharging
SOU072	43	'8404706_/_/9041225'		10	10	10	1.768	10	10	4.82 No	1.768 Thermal Discharging
SOU072	44	'7775287_/_/8404704'		10	10	10	1.768	10	10	4.82 No	1.768 Thermal Discharging
SOU072	45	'7775288_/_/7775285'		10	10	10	1.768	10	10	4.82 No	1.768 Thermal Discharging
SOU072	46	'8404686_/_/86654284'		10	10	10	1.768	10	10	4.82 No	1.768 Thermal Discharging
SOU072	47	'8404687_/_/86654233'		10	10	10	1.768	10	10	4.82 No	1.768 Thermal Discharging
SOU072	48	'8723857_/_/86654189'		10	10	10	1.768	10	10	4.82 No	1.768 Thermal Discharging
SOU072	49	'86385907_/_/86654121_1'		10	10	10	1.768	10	10	4.82 No	1.768 Thermal Discharging
SOU072	50	'6795207_/_/86654121_2'		10	10	10	1.768	10	10	4.82 No	1.768 Thermal Discharging
SOU072	51	'6783873_/_/6795204'		10	10	10	1.768	10	10	4.82 No	1.768 Thermal Discharging
SOU072	52	'92512346_/_/6791766_1'	3.33	3.33	3.33	0.592	0.5	3.33	1.61 No	0.5 Element Fault	
SOU072	53	'6792864_/_/6792862'		10	10	10	1.768	10	10	4.82 No	1.768 Thermal Discharging
SOU072	54	'92512358_/_/6795221_1'		10	10	10	1.768	1.5	10	4.82 No	1.5 Element Fault
SOU072	55	'6794628_/_/6794642'		10	10	10	1.768	10	10	4.82 No	1.768 Thermal Discharging
SOU072	56	'6794495_/_/6794625'		10	10	10	1.768	10	10	4.82 No	1.768 Thermal Discharging
SOU072	57	'92512413_/_/6791766_2'	3.33	3.33	3.33	0.592	0.5	3.33	1.61 No	0.5 Element Fault	
SOU072	58	'92512334_/_/6794531_1'	3.33	3.33	3.33	0.592	0.5	3.33	1.61 No	0.5 Element Fault	
SOU072	59	'6794594_/_/6794608'		10	10	10	1.768	10	10	4.82 No	1.768 Thermal Discharging
SOU072	60	'6794577_/_/6794591'		10	10	10	1.768	10	10	4.82 No	1.768 Thermal Discharging
SOU072	61	'6794482_/_/6794574'		10	10	10	1.768	10	10	4.82 No	1.768 Thermal Discharging
SOU072	62	'92512421_/_/6794531_2'	3.33	3.33	3.33	0.592	0.5	3.33	1.61 No	0.5 Element Fault	
SOU072	63	'599414764_/_/6794492'	3.33	3.33	3.33	0.592	0.5	3.33	1.61 No	0.5 Element Fault	
SOU072	64	'92512322_/_/6794544_1'	3.33	3.33	3.33	0.592	0.5	3.33	1.61 No	0.5 Element Fault	
SOU072	65	'6792814_/_/6794557'		10	10	10	1.768	10	10	4.82 No	1.768 Thermal Discharging
SOU072	66	'6795224_/_/6795221_2'	9.7	10	10	1.768	1.5	10	10	4.82 No	1.5 Element Fault
SOU072	67	'6792794_/_/6792811'		10	10	10	1.768	10	10	4.82 No	1.768 Thermal Discharging
SOU072	68	'92512439_/_/6794544_2'	3.33	3.33	3.33	0.592	0.5	3.33	1.61 No	0.5 Element Fault	
SOU072	69	'6792204_/_/6792791'		10	10	10	1.768	10	10	4.82 No	1.768 Thermal Discharging
SOU072	70	'6794494_/_/581756844_1'	3.33	3.33	3.33	0.592	0.5	3.33	1.61 No	0.5 Element Fault	
SOU072	71	'6785979_/_/6791766_3'	3.2	3.33	3.33	0.592	0.5	3.33	1.61 No	0.5 Element Fault	
SOU072	72	'211586652_/_/43989357'		10	10	10	1.768	10	10	4.82 No	1.768 Thermal Discharging
SOU072	73	'43990040_/_/107632473'		10	10	10	1.768	10	10	4.82 No	1.768 Thermal Discharging
SOU072	74	'43991478_/_/581756844_2'	3.33	3.33	3.33	0.592	0.5	3.33	1.61 No	0.5 Element Fault	
SOU072	75	'104034172_/_/6792879'		10	10	10	1.768	10	10	4.82 No	1.768 Thermal Discharging
SOU072	76	'324664379_/_/311173523_1'		10	10	10	1.768	1.5	10	4.82 No	1.5 Element Fault
SOU072	77	'6792760_/_/6792774'		10	10	10	1.768	10	10	4.82 No	1.768 Thermal Discharging
SOU072	78	'6792882_/_/104034176'		10	10	10	1.768	10	10	4.82 No	1.768 Thermal Discharging
SOU072	79	'43990053_/_/6794531_3'	3.23	3.33	3.33	0.592	0.5	3.33	1.61 No	0.5 Element Fault	
SOU072	80	'6783872_/_/6783870'	3.03	3.33	3.33	0.592	0.5	3.33	1.61 No	0.5 Element Fault	
SOU072	81	'6792743_/_/6792757'		10	10	10	1.768	10	10	4.82 No	1.768 Thermal Discharging
SOU072	82	'613182566_/_/6792740'		10	10	10	1.768	10	10	4.82 No	1.768 Thermal Discharging
SOU072	83	'43990120_/_/6792896'		10	10	10	1.768	10	10	4.82 No	1.768 Thermal Discharging
SOU072	84	'613182598_/_/6792706_1'		10	10	10	1.768	10	10	4.82 No	1.768 Thermal Discharging
SOU072	85	'43989849_/_/6792706_2'		10	10	10	1.768	10	10	4.82 No	1.768 Thermal Discharging
SOU072	86	'6785908_/_/6794544_3'	3.33	3.33	3.33	0.592	0.5	3.33	1.61 No	0.5 Element Fault	
SOU072	87	'6792916_/_/43990122'		10	10	10	1.768	10	10	4.82 No	1.768 Thermal Discharging
SOU072	88	'6792933_/_/6792930'		10	10	10	1.768	10	10	4.82 No	1.768 Thermal Discharging
SOU072	89	'6792950_/_/6792947'		10	10	10	1.768	10	10	4.82 No	1.768 Thermal Discharging
SOU072	90	'6800143_/_/311173523_2'		10	10	10	1.768	1.5	10	4.82 No	1.5 Element Fault
SOU072	91	'6792967_/_/6792964'		10	10	10	1.768	10	10	4.82 No	1.768 Thermal Discharging
SOU072	92	'43992905_/_/6802664'		10	10	10	1.768	10	10	4.82 No	1.768 Thermal Discharging
SOU072	93	'6795278_/_/6795306'		8	10	10	1.768	1.5	10	4.82 No	1.5 Element Fault
SOU072	94	'43991467_/_/6794479'	3.03	3.33	3.33	0.592	0.5	3.33	1.61 No	0.5 Element Fault	
SOU072	95	'6802684_/_/6802681'		10	10	10	1.768	10	10	4.82 No	1.768 Thermal Discharging
SOU072	96	'6785951_/_/6785948'	2.87	3.33	3.33	0.592	0.5	3.33	1.61 No	0.5 Element Fault	

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
											VSR (MW)	Limiting Threshold
SOU072	97	'581756860_/311173543'		9.5	10	10	1.768	1.5	10	4.82 No	1.5	Element Fault
SOU072	98	'43990144_/6785977'		2.7	3.33	3.33	0.592	0.5	3.33	1.61 No	0.5	Element Fault
SOU072	99	'6785434_/6794518'		2.83	3.33	3.33	0.592	0.5	3.33	1.61 No	0.5	Element Fault
SOU072	100	'43992918_/6802698'		10	10	10	1.768	10	10	4.82 No	1.768	Thermal Discharging
SOU072	101	'6800156_/581756858'		9.2	10	10	1.768	1.5	10	4.82 No	1.5	Element Fault
SOU072	102	'6802718_/43992920'		10	10	10	1.768	10	10	4.82 No	1.768	Thermal Discharging
SOU072	103	'6795243_/6795291'		5.27	6.67	6.67	1.176	1	6.67	3.21 No	1	Element Fault
SOU072	104	'6801374_/6803022'		10	10	10	1.768	10	10	4.82 No	1.768	Thermal Discharging
SOU072	105	'6795265_/6795275'		2.7	3.33	3.33	0.592	0.5	3.33	1.61 No	0.5	Element Fault
SOU072	106	'369617462_/6800167_2'		3.1	3.33	3.33	0.592	0.5	3.33	1.61 No	0.5	Element Fault
SOU072	107	'92283207_/84136827'		10	10	10	1.768	10	10	4.82 No	1.768	Thermal Discharging
SOU072	108	'6785459_/6785470'		2.57	3.33	3.33	0.592	0.5	3.33	1.61 No	0.5	Element Fault
SOU072	109	'6801375_/6801385_1'		3.33	3.33	3.33	0.592	0.5	3.33	1.61 No	0.5	Element Fault
SOU072	110	'6801337_/6802282'		10	10	10	1.768	10	10	4.82 No	1.768	Thermal Discharging
SOU072	111	'6791902_/6800167_1'		3.1	3.33	3.33	0.592	0.3	3.33	1.61 No	0.3	Element Fault
SOU072	112	'6801314_/6802265'		10	10	10	1.768	10	10	4.82 No	1.768	Thermal Discharging
SOU072	113	'581766720_/6801335_1'		6.67	6.67	6.67	1.176	6.67	6.67	3.21 No	1.176	Thermal Discharging
SOU072	114	'43990133_/6785906'		2.73	3.33	3.33	0.592	0.5	3.33	1.61 No	0.5	Element Fault
SOU072	115	'581767927_/6802095_1'		3.33	3.33	3.33	0.592	0.5	3.33	1.61 No	0.5	Element Fault
SOU072	116	'6785964_/6785961'		2.6	3.33	3.33	0.592	0.5	3.33	1.61 No	0.5	Element Fault
SOU072	117	'6802234_/6802248'		10	10	10	1.768	10	10	4.82 No	1.768	Thermal Discharging
SOU072	118	'6802217_/6802231'		10	10	10	1.768	10	10	4.82 No	1.768	Thermal Discharging
SOU072	119	'6785993_/43990146'		2.43	3.33	3.33	0.592	0.5	3.33	1.61 No	0.5	Element Fault
SOU072	120	'6801250_/6802214'		10	10	10	1.768	10	10	4.82 No	1.768	Thermal Discharging
SOU072	121	'43992880_/6801312'		10	10	10	1.768	3.2	10	4.82 No	1.768	Thermal Discharging
SOU072	122	'6802183_/6802197'		10	10	10	1.768	10	10	4.82 No	1.768	Thermal Discharging
SOU072	123	'6794662_/6795262'		2.5	3.33	3.33	0.592	0.5	3.33	1.61 No	0.5	Element Fault
SOU072	124	'6785433_/6785431'		2.5	3.33	3.33	0.592	0.5	3.33	1.61 No	0.5	Element Fault
SOU072	125	'43992869_/6802095_2'		3.33	3.33	3.33	0.592	0.5	3.33	1.61 No	0.5	Element Fault
SOU072	126	'581767916_/8096806_1'		10	10	10	1.768	1.5	10	4.82 No	1.5	Element Fault
SOU072	127	'6802166_/6802180'		10	10	10	1.768	10	10	4.82 No	1.768	Thermal Discharging
SOU072	128	'6801237_/6801247_3'		3.33	3.33	3.33	0.592	1.1	3.33	1.61 No	0.592	Thermal Discharging
SOU072	129	'625472023_/6801247_2'		3.33	3.33	3.33	0.592	0.5	3.33	1.61 No	0.5	Element Fault
SOU072	130	'43992836_/6802082'		3.33	3.33	3.33	0.592	0.5	3.33	1.61 No	0.5	Element Fault
SOU072	131	'6785446_/43989974'		2.33	3.33	3.33	0.592	0.5	3.33	1.61 No	0.5	Element Fault
SOU072	132	'6801338_/6801335_2'		6.67	6.67	6.67	1.176	2.1	6.67	3.21 No	1.176	Thermal Discharging
SOU072	133	'6801167_/6802163'		10	10	10	1.768	10	10	4.82 No	1.768	Thermal Discharging
SOU072	134	'6794417_/6795241'		4.67	6.67	6.67	1.176	1	6.67	3.21 No	1	Element Fault
SOU072	135	'6801388_/6801385_2'		3.33	3.33	3.33	0.592	0.5	3.33	1.61 No	0.5	Element Fault
SOU072	136	'43989344_/6791899'		2.77	3.33	3.33	0.592	0.3	3.33	1.61 No	0.3	Element Fault
SOU072	137	'6802148_/6802146'		10	10	10	1.768	10	10	4.82 No	1.768	Thermal Discharging
SOU072	138	'6785879_/6791912'		2.73	3.33	3.33	0.592	0.3	3.33	1.61 No	0.3	Element Fault
SOU072	139	'6801149_/6801146_3'		6.67	6.67	6.67	1.176	2.3	6.67	3.21 No	1.176	Thermal Discharging
SOU072	140	'6795194_/6795191'		2.37	3.33	3.33	0.592	0.5	3.33	1.61 No	0.5	Element Fault
SOU072	141	'153551376_/6802631'		10	10	10	1.768	10	10	4.82 No	1.768	Thermal Discharging
SOU072	142	'6785421_/6794505'		2.47	3.33	3.33	0.592	0.5	3.33	1.61 No	0.5	Element Fault
SOU072	143	'6794403_/6794415'		4.53	6.67	6.67	1.176	1	6.67	3.21 No	1	Element Fault
SOU072	144	'6790080_/153551385'		10	10	10	1.768	10	10	4.82 No	1.768	Thermal Discharging
SOU072	145	'8096809_/8096806_2'		9.3	10	10	1.768	1.5	10	4.82 No	1.5	Element Fault
SOU072	146	'6801401_/6801398'		3.3	3.33	3.33	0.592	0.5	3.33	1.61 No	0.5	Element Fault
SOU072	147	'43992825_/6801247_1'		3.33	3.33	3.33	0.592	0.5	3.33	1.61 No	0.5	Element Fault
SOU072	148	'6790052_/6790090'		10	10	10	1.768	10	10	4.82 No	1.768	Thermal Discharging
SOU072	149	'6801276_/6801286'		3.33	3.33	3.33	0.592	0.5	3.33	1.61 No	0.5	Element Fault
SOU072	150	'6803947_/6803957_1'		3.33	3.33	3.33	0.592	0.5	3.33	1.61 No	0.5	Element Fault
SOU072	151	'275482402_/43991491'		2.33	3.33	3.33	0.592	0.5	3.33	1.61 No	0.5	Element Fault
SOU072	152	'6801355_/6801352'		6.53	6.67	6.67	1.176	2.1	6.67	3.21 No	1.176	Thermal Discharging
SOU072	153	'6793543_/43991080'		10	10	10	1.768	10	10	4.82 No	1.768	Thermal Discharging
SOU072	154	'6790107_/6794122'		10	10	10	1.768	10	10	4.82 No	1.768	Thermal Discharging
SOU072	155	'6785922_/43990135'		2.33	3.33	3.33	0.592	0.5	3.33	1.61 No	0.5	Element Fault
SOU072	156	'43990155_/6786003'		2.17	3.33	3.33	0.592	0.5	3.33	1.61 No	0.5	Element Fault
SOU072	157	'6790108_/6790118_1'		3.33	3.33	3.33	0.592	0.5	3.33	1.61 No	0.5	Element Fault
SOU072	158	'6793489_/6793503'		10	10	10	1.768	10	10	4.82 No	1.768	Thermal Discharging
SOU072	159	'6793452_/6793466'		10	10	10	1.768	10	10	4.82 No	1.768	Thermal Discharging
SOU072	160	'6785447_/6785444'		2.13	3.33	3.33	0.592	0.5	3.33	1.61 No	0.5	Element Fault
SOU072	161	'6793265_/6793486'		10	10	10	1.768	10	10	4.82 No	1.768	Thermal Discharging
SOU072	162	'154832501_/6793449_2'		10	10	10	1.768	10	10	4.82 No	1.768	Thermal Discharging
SOU072	163	'43991065_/6793449_1'		10	10	10	1.768	10	10	4.82 No	1.768	Thermal Discharging
SOU072	164	'127118697_/127118694'		2.23	3.33	3.33	0.592	0.5	3.33	1.61 No	0.5	Element Fault
SOU072	165	'6785420_/6785418'		2.27	3.33	3.33	0.592	0.5	3.33	1.61 No	0.5	Element Fault
SOU072	166	'43991052_/6793432'		10	10	10	1.768	10	10	4.82 No	1.768	Thermal Discharging
SOU072	167	'6793248_/6793262'		10	10	10	1.768	10	10	4.82 No	1.768	Thermal Discharging
SOU072	168	'6785512_/6794400'		4.2	6.67	6.67	1.176	1	6.67	3.21 No	1	Element Fault
SOU072	169	'6801136_/6801146_2'		6.67	6.67	6.67	1.176	1	6.67	3.21 No	1	Element Fault
SOU072	170	'6793401_/6793415'		10	10	10	1.768	10	10	4.82 No	1.768	Thermal Discharging
SOU072	171	'43991015_/43991017'		10	10	10	1.768	10	10	4.82 No	1.768	Thermal Discharging
SOU072	172	'6803960_/6803957_2'		3.33	3.33	3.33	0.592	0.5	3.33	1.61 No	0.5	Element Fault
SOU072	173	'6793231_/6793228_2'		10	10	10	1.768	10	10	4.82 No	1.768	Thermal Discharging
SOU072	174	'6801210_/6801208'		3.33	3.33	3.33	0.592	0.5	3.33	1.61 No	0.5	Element Fault
SOU072	175	'6785880_/6785877'		2.43	3.33	3.33	0.592	0.3	3.33	1.61 No	0.3	Element Fault
SOU072	176	'6785176_/6785186'		2.43	3.33	3.33	0.592	0.3	3.33	1.61 No	0.3	Element Fault
SOU072	177	'6793384_/6793398'		10	10	10	1.768	10	10	4.82 No	1.768	Thermal Discharging
SOU072	178	'43992931_/6801411'		2.93	3.33	3.33	0.592	0.5	3.33	1.61 No	0.5	Element Fault
SOU072	179	'6793160_/6793228_1'		10	10	10	1.768	10	10	4.82 No	1.768	Thermal Discharging
SOU072	180	'43992814_/6801146_1'		6.67	6.67	6.67	1.176	1	6.67	3.21 No	1	Element Fault
SOU072	181	'6801263_/6801260'		3.33	3.33	3.33	0.592	0.5	3.33	1.61 No	0.5	Element Fault
SOU072	182	'6790121_/6790118_2'		3.33	3.33	3.33	0.592	0.5	3.33	1.61 No	0.5	Element Fault
SOU072	183	'6789997_/6793381'		10	10	10	1.768	10	10	4.82 No	1.768	Thermal Discharging
SOU072	184	'6789780_/6793157'		10	10	10	1.768	10	10	4.82 No	1.768	Thermal Discharging
SOU072	185	'6789767_/6789764_2'		3.33	3.33	3.33	0.592	1.6	3.33	1.61 No	0.592	Thermal Discharging
SOU072	186	'6789984_/43991043_2'		3.33	3.33	3.33	0.592	1.6	3.33	1.61 No	0.592	Thermal Discharging
SOU072	187	'6777972_/6794448'		4.07	6.67	6.67	1.176	1	6.67	3.21 No	1	Element Fault
SOU072	188	'6793176_/6794139'		10	10	10	1.768	10	10	4.82 No	1.768	Thermal Discharging
SOU072	189	'6793350_/6793364'		10	10	10	1.768	10	10	4.82 No	1.768	Thermal Discharging
SOU072	190	'6801275_/6801273'		3.03	3.33	3.33	0.592	0.5	3.33	1.61 No	0.5	Element Fault

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Over-	Primary Voltage	Regulator	Thermal	Element Fault	Breaker Reach	Unintentional	Hosting	
				Voltage	Deviation	Deviation	Discharging			Islanding	VSR	Capacity
SOU072	191	'6786019_/_43990157'		2	3.33	3.33	0.592	0.5	3.33	1.61 No	0.5	Element Fault
SOU072	192	'6790010_/_6790023_1'	3.33		3.33	3.33	0.592	0.5	3.33	1.61 No	0.5	Element Fault
SOU072	193	'6785938_/_6785935'	2.13		3.33	3.33	0.592	0.5	3.33	1.61 No	0.5	Element Fault
SOU072	194	'6793333_/_6793347'		10	10	10	1.768	10	10	4.82 No	1.768	Thermal Discharging
SOU072	195	'43990991_/_6793174'		10	10	10	1.768	10	10	4.82 No	1.768	Thermal Discharging
SOU072	196	'6803973_/_6803970'	3.13		3.33	3.33	0.592	0.5	3.33	1.61 No	0.5	Element Fault
SOU072	197	'6793316_/_6793330'		10	10	10	1.768	10	10	4.82 No	1.768	Thermal Discharging
SOU072	198	'6793194_/_6793191'		10	10	10	1.768	10	10	4.82 No	1.768	Thermal Discharging
SOU072	199	'43991028_/_6793313'		10	10	10	1.768	10	10	4.82 No	1.768	Thermal Discharging
SOU072	200	'43991146_/_6793208'		10	10	10	1.768	10	10	4.82 No	1.768	Thermal Discharging
SOU072	201	'43991041_/_43991043_1'	3.33		3.33	3.33	0.592	0.8	3.33	1.61 No	0.592	Thermal Discharging
SOU072	202	'6789929_/_6793279'		10	10	10	1.768	10	10	4.82 No	1.768	Thermal Discharging
SOU072	203	'86004907_/_6790134'	3.33		3.33	3.33	0.592	0.5	3.33	1.61 No	0.5	Element Fault
SOU072	204	'6789754_/_6789764_1'	3.33		3.33	3.33	0.592	0.5	3.33	1.61 No	0.5	Element Fault
SOU072	205	'382063733_/_6789913_3'		10	10	10	1.768	4.3	10	4.82 No	1.768	Thermal Discharging
SOU072	206	'43988888_/_43988890'		10	10	10	1.768	10	10	4.82 No	1.768	Thermal Discharging
SOU072	207	'6790597_/_6793594'		10	10	10	1.768	10	10	4.82 No	1.768	Thermal Discharging
SOU072	208	'43990109_/_6785893'	2.23		3.33	3.33	0.592	0.3	3.33	1.61 No	0.3	Element Fault
SOU072	209	'6803280_/_6803290'	2.93		3.33	3.33	0.592	0.5	3.33	1.61 No	0.5	Element Fault
SOU072	210	'382063748_/_6789913_2'		10	10	10	1.768	1.5	10	4.82 No	1.5	Element Fault
SOU072	211	'6785163_/_6785173'	2.2		3.33	3.33	0.592	0.3	3.33	1.61 No	0.3	Element Fault
SOU072	212	'6785511_/_43990008'	3.8		6.67	6.67	1.176	1	6.67	3.21 No	1	Element Fault
SOU072	213	'6801427_/_6801424'	2.6		3.33	3.33	0.592	0.5	3.33	1.61 No	0.5	Element Fault
SOU072	214	'6793613_/_6794728'		10	10	10	1.768	10	10	4.82 No	1.768	Thermal Discharging
SOU072	215	'6790026_/_6790023_2'	3.23		3.33	3.33	0.592	0.5	3.33	1.61 No	0.5	Element Fault
SOU072	216	'6792133_/_6792147'		10	10	10	1.768	10	10	4.82 No	1.768	Thermal Discharging
SOU072	217	'6801123_/_6801133'	2.93		3.33	3.33	0.592	0.5	3.33	1.61 No	0.5	Element Fault
SOU072	218	'6790598_/_6790608_1'	3.33		3.33	3.33	0.592	0.5	3.33	1.61 No	0.5	Element Fault
SOU072	219	'6793614_/_6793611'		10	10	10	1.768	10	10	4.82 No	1.768	Thermal Discharging
SOU072	220	'6792116_/_6792130'		10	10	10	1.768	10	10	4.82 No	1.768	Thermal Discharging
SOU072	221	'6789903_/_6789968'	3.33		3.33	3.33	0.592	0.8	3.33	1.61 No	0.592	Thermal Discharging
SOU072	222	'43991159_/_6793628'		10	10	10	1.768	10	10	4.82 No	1.768	Thermal Discharging
SOU072	223	'43989209_/_43989211'		10	10	10	1.768	10	10	4.82 No	1.768	Thermal Discharging
SOU072	224	'6789472_/_6789751'	3.23		3.33	3.33	0.592	0.5	3.33	1.61 No	0.5	Element Fault
SOU072	225	'86004908_/_68966243'	3.33		3.33	3.33	0.592	0.5	3.33	1.61 No	0.5	Element Fault
SOU072	226	'43992847_/_6801910'	2.77		3.33	3.33	0.592	0.5	3.33	1.61 No	0.5	Element Fault
SOU072	227	'6792095_/_6792093'		10	10	10	1.768	10	10	4.82 No	1.768	Thermal Discharging
SOU072	228	'6803279_/_6803277'	2.77		3.33	3.33	0.592	0.5	3.33	1.61 No	0.5	Element Fault
SOU072	229	'6793648_/_43991161'		10	10	10	1.768	10	10	4.82 No	1.768	Thermal Discharging
SOU072	230	'152711409_/_6793662_1'		10	10	10	1.768	10	10	4.82 No	1.768	Thermal Discharging
SOU072	231	'6802653_/_43992860'	2.63		3.33	3.33	0.592	0.5	3.33	1.61 No	0.5	Element Fault
SOU072	232	'6795612_/_6795609_2'	3.33		3.33	3.33	0.592	1.1	3.33	1.61 No	0.592	Thermal Discharging
SOU072	233	'6778660_/_6778658_1'	2.73		3.33	3.33	0.592	0.5	3.33	1.61 No	0.5	Element Fault
SOU072	234	'6790623_/_6793662_2'		10	10	10	1.768	10	10	4.82 No	1.768	Thermal Discharging
SOU072	235	'75579709_/_75579392'		10	10	10	1.768	10	10	4.82 No	1.768	Thermal Discharging
SOU072	236	'6792166_/_6795635'		10	10	10	1.768	10	10	4.82 No	1.768	Thermal Discharging
SOU072	237	'43990412_/_6777970'	1.87		3.33	3.33	0.592	0.5	3.33	1.61 No	0.5	Element Fault
SOU072	238	'6789835_/_6789913_1'	9.4		10	10	1.768	1.5	10	4.82 No	1.5	Element Fault
SOU072	239	'6801110_/_6801120'	2.73		3.33	3.33	0.592	0.5	3.33	1.61 No	0.5	Element Fault
SOU072	240	'75579459_/_75579429'		10	10	10	1.768	10	10	4.82 No	1.768	Thermal Discharging
SOU072	241	'6793722_/_6793719'		10	10	10	1.768	10	10	4.82 No	1.768	Thermal Discharging
SOU072	242	'6793688_/_6793702'		10	10	10	1.768	10	10	4.82 No	1.768	Thermal Discharging
SOU072	243	'6783577_/_6792164'		10	10	10	1.768	10	10	4.82 No	1.768	Thermal Discharging
SOU072	244	'6793759_/_6793756'		10	10	10	1.768	10	10	4.82 No	1.768	Thermal Discharging
SOU072	245	'6790039_/_6790036'	2.9		3.33	3.33	0.592	0.5	3.33	1.61 No	0.5	Element Fault
SOU072	246	'581757123_/_75579456'		10	10	10	1.768	10	10	4.82 No	1.768	Thermal Discharging
SOU072	247	'43992942_/_6801437'	2.4		3.33	3.33	0.592	0.5	3.33	1.61 No	0.5	Element Fault
SOU072	248	'153546208_/_6791925'		10	10	10	1.768	10	10	4.82 No	1.768	Thermal Discharging
SOU072	249	'75579501_/_75579477'		10	10	10	1.768	10	10	4.82 No	1.768	Thermal Discharging
SOU072	250	'6790504_/_6793577'		10	10	10	1.768	10	10	4.82 No	1.768	Thermal Discharging
SOU072	251	'6790827_/_6793773'		10	10	10	1.768	10	10	4.82 No	1.768	Thermal Discharging
SOU072	252	'70257093_/_6783604_1'		10	10	10	1.768	1.5	10	4.82 No	1.5	Element Fault
SOU072	253	'6790812_/_6793790'		10	10	10	1.768	10	10	4.82 No	1.768	Thermal Discharging
SOU072	254	'75579500_/_75579498'		10	10	10	1.768	10	10	4.82 No	1.768	Thermal Discharging
SOU072	255	'70257102_/_6783604_2'		10	10	10	1.768	1.5	10	4.82 No	1.5	Element Fault
SOU072	256	'6790611_/_6790608_2'	3.33		3.33	3.33	0.592	0.5	3.33	1.61 No	0.5	Element Fault
SOU072	257	'6785162_/_43989827'	2.03		3.33	3.33	0.592	0.3	3.33	1.61 No	0.3	Element Fault
SOU072	258	'460206639_/_460206673'		10	10	10	1.768	10	10	4.82 No	1.768	Thermal Discharging
SOU072	259	'6783471_/_6795609_1'	3.33		3.33	3.33	0.592	0.5	3.33	1.61 No	0.5	Element Fault
SOU072	260	'6789958_/_6789955'	3.33		3.33	3.33	0.592	0.5	3.33	1.61 No	0.5	Element Fault
SOU072	261	'6790488_/_6790485_3'	3.33		3.33	3.33	0.592	1.1	3.33	1.61 No	0.592	Thermal Discharging
SOU072	262	'6793562_/_6793560'		10	10	10	1.768	10	10	4.82 No	1.768	Thermal Discharging
SOU072	263	'69641509_/_75579519'		10	10	10	1.768	10	10	4.82 No	1.768	Thermal Discharging
SOU072	264	'6785543_/_6785553'	1.8		3.33	3.33	0.592	0.5	3.33	1.61 No	0.5	Element Fault
SOU072	265	'67820320_/_75579540_2'		10	10	10	1.768	10	10	4.82 No	1.768	Thermal Discharging
SOU072	266	'581767804_/_6790809_2'	3.33		3.33	3.33	0.592	1.1	3.33	1.61 No	0.592	Thermal Discharging
SOU072	267	'6783414_/_75579540_1'		10	10	10	1.768	3.7	10	4.82 No	1.768	Thermal Discharging
SOU072	268	'43991004_/_43991006'	3.33		3.33	3.33	0.592	0.8	3.33	1.61 No	0.592	Thermal Discharging
SOU072	269	'6790828_/_6790843_1'	6.67		6.67	6.67	1.176	1	6.67	3.21 No	1	Element Fault
SOU072	270	'153943514_/_6794159'		10	10	10	1.768	10	10	4.82 No	1.768	Thermal Discharging
SOU072	271	'6793739_/_6793736'		10	10	10	1.768	10	10	4.82 No	1.768	Thermal Discharging
SOU072	272	'6789459_/_6789469'	2.93		3.33	3.33	0.592	0.5	3.33	1.61 No	0.5	Element Fault
SOU072	273	'108153559_/_6783411_2'	6.67		6.67	6.67	1.176	2.47	6.67	3.21 No	1.176	Thermal Discharging
SOU072	274	'6784760_/_6785692_1'	3.33		3.33	3.33	0.592	0.5	3.33	1.61 No	0.5	Element Fault
SOU072	275	'6790487_/_6790485_2'	3.33		3.33	3.33	0.592	0.5	3.33	1.61 No	0.5	Element Fault
SOU072	276	'6791058_/_43991262'		10	10	10	1.768	10	10	4.82 No	1.768	Thermal Discharging
SOU072	277	'6790394_/_6794711'		10	10	10	1.768	10	10	4.82 No	1.768	Thermal Discharging
SOU072	278	'6778661_/_6778658_2'	2.53		3.33	3.33	0.592	0.5	3.33	1.61 No	0.5	Element

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Over-Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SOU072	285	'6790378_/_6790375_3'	3.33	3.33	3.33	0.592	1.1	3.33	1.61 No	0.592	Thermal Discharging
SOU072	286	'7066075_/_7114852'	10	10	10	1.768	10	10	4.82 No	1.768	Thermal Discharging
SOU072	287	'43991273_/_6793824_1'	10	10	10	1.768	10	10	4.82 No	1.768	Thermal Discharging
SOU072	288	'6784748_/_6785692_3'	3.33	3.33	3.33	0.592	0.5	3.33	1.61 No	0.5	Element Fault
SOU072	289	'6790624_/_6790637_1'	3.13	3.33	3.33	0.592	0.5	3.33	1.61 No	0.5	Element Fault
SOU072	290	'6793827_/_6793824_2'	10	10	10	1.768	10	10	4.82 No	1.768	Thermal Discharging
SOU072	291	'581756942_/_6789495_2'	2.8	3.33	3.33	0.592	0.3	3.33	1.61 No	0.3	Element Fault
SOU072	292	'6784913_/_6792601'	10	10	10	1.768	10	10	4.82 No	1.768	Thermal Discharging
SOU072	293	'6778741_/_43992944'	2.27	3.33	3.33	0.592	0.5	3.33	1.61 No	0.5	Element Fault
SOU072	294	'6783606_/_6783604_3'	9.4	10	10	1.768	1.5	10	4.82 No	1.5	Element Fault
SOU072	295	'381959194_/_6784881_3'	3.33	3.33	3.33	0.592	1.1	3.33	1.61 No	0.592	Thermal Discharging
SOU072	296	'43991205_/_6790809_1'	3.33	3.33	3.33	0.592	0.5	3.33	1.61 No	0.5	Element Fault
SOU072	297	'6789792_/_6789790_1'	2.83	3.33	3.33	0.592	0.3	3.33	1.61 No	0.3	Element Fault
SOU072	298	'112623560_/_56810086_1'	9.4	10	10	1.768	1.5	10	4.82 No	1.5	Element Fault
SOU072	299	'6790365_/_6790375_2'	3.33	3.33	3.33	0.592	0.5	3.33	1.61 No	0.5	Element Fault
SOU072	300	'7062339_/_7066072'	10	10	10	1.768	10	10	4.82 No	1.768	Thermal Discharging
SOU072	301	'43989792_/_6785705'	3.33	3.33	3.33	0.592	0.5	3.33	1.61 No	0.5	Element Fault
SOU072	302	'6792621_/_6792618'	10	10	10	1.768	10	10	4.82 No	1.768	Thermal Discharging
SOU072	303	'6789874_/_6789887'	3.27	3.33	3.33	0.592	0.8	3.33	1.61 No	0.592	Thermal Discharging
SOU072	304	'43990969_/_6790147'	3.13	3.33	3.33	0.592	0.5	3.33	1.61 No	0.5	Element Fault
SOU072	305	'6790721_/_6790718'	3.1	3.33	3.33	0.592	0.5	3.33	1.61 No	0.5	Element Fault
SOU072	306	'7062326_/_7062323_2'	3.33	3.33	3.33	0.592	1.5	3.33	1.61 No	0.592	Thermal Discharging
SOU072	307	'6789446_/_6789456'	2.73	3.33	3.33	0.592	0.5	3.33	1.61 No	0.5	Element Fault
SOU072	308	'6783552_/_6783562'	3.1	3.33	3.33	0.592	0.5	3.33	1.61 No	0.5	Element Fault
SOU072	309	'6783338_/_6783411_1'	6.67	6.67	6.67	1.176	1.7	6.67	3.21 No	1.176	Thermal Discharging
SOU072	310	'6785530_/_6785540'	1.73	3.33	3.33	0.592	0.5	3.33	1.61 No	0.5	Element Fault
SOU072	311	'6790640_/_6790637_2'	2.97	3.33	3.33	0.592	0.5	3.33	1.61 No	0.5	Element Fault
SOU072	312	'7062099_/_7066055'	10	10	10	1.768	10	10	4.82 No	1.768	Thermal Discharging
SOU072	313	'6784884_/_6784881_2'	3.33	3.33	3.33	0.592	0.5	3.33	1.61 No	0.5	Element Fault
SOU072	314	'6790205_/_6790215'	2.57	3.33	3.33	0.592	0.5	3.33	1.61 No	0.5	Element Fault
SOU072	315	'6777986_/_6777983'	1.7	3.33	3.33	0.592	0.5	3.33	1.61 No	0.5	Element Fault
SOU072	316	'43991286_/_6791074_2'	9.4	10	10	1.768	1.5	10	4.82 No	1.5	Element Fault
SOU072	317	'7062100_/_7062114_1'	10	10	10	1.768	1.5	10	4.82 No	1.5	Element Fault
SOU072	318	'6784735_/_6784745'	3.33	3.33	3.33	0.592	0.5	3.33	1.61 No	0.5	Element Fault
SOU072	319	'6790516_/_43991137'	3.33	3.33	3.33	0.592	0.5	3.33	1.61 No	0.5	Element Fault
SOU072	320	'44051689_/_44051691'	10	10	10	1.768	10	10	4.82 No	1.768	Thermal Discharging
SOU072	321	'361039961_/_361039846_1'	9.2	10	10	1.768	1.5	10	4.82 No	1.5	Element Fault
SOU072	322	'6783398_/_6783468'	3.17	3.33	3.33	0.592	0.5	3.33	1.61 No	0.5	Element Fault
SOU072	323	'108153808_/_6792053'	9.1	10	10	1.768	3.5	10	4.82 No	1.768	Thermal Discharging
SOU072	324	'6785059_/_43989794'	3.33	3.33	3.33	0.592	0.5	3.33	1.61 No	0.5	Element Fault
SOU072	325	'43989255_/_6783622'	5.8	6.67	6.67	1.176	1	6.67	3.21 No	1	Element Fault
SOU072	326	'43991216_/_6790843_2'	5.87	6.67	6.67	1.176	1	6.67	3.21 No	1	Element Fault
SOU072	327	'7062117_/_7062114_2'	10	10	10	1.768	1.5	10	4.82 No	1.5	Element Fault
SOU072	328	'6789689_/_6789819'	7.8	10	10	1.768	1.5	10	4.82 No	1.5	Element Fault
SOU072	329	'7066001_/_7066018'	10	10	10	1.768	10	10	4.82 No	1.768	Thermal Discharging
SOU072	330	'357654480_/_361039846_2'	9.2	10	10	1.768	1.5	10	4.82 No	1.5	Element Fault
SOU072	331	'229436013_/_229435962_1'	7.8	10	10	1.768	0.9	10	4.82 No	0.9	Element Fault
SOU072	332	'56810079_/_56810086_2'	8.6	10	10	1.768	1.5	10	4.82 No	1.5	Element Fault
SOU072	333	'44051702_/_7062323_1'	3.33	3.33	3.33	0.592	0.5	3.33	1.61 No	0.5	Element Fault
SOU072	334	'6784722_/_6784732_2'	3.33	3.33	3.33	0.592	0.5	3.33	1.61 No	0.5	Element Fault
SOU072	335	'6778674_/_6778671'	2.33	3.33	3.33	0.592	0.5	3.33	1.61 No	0.5	Element Fault
SOU072	336	'8418352_/_8418350_1'	10	10	10	1.768	1.5	10	4.82 No	1.5	Element Fault
SOU072	337	'6789514_/_6789495_3'	2.6	3.33	3.33	0.592	0.3	3.33	1.61 No	0.3	Element Fault
SOU072	338	'6784871_/_6784881_1'	3.1	3.33	3.33	0.592	0.5	3.33	1.61 No	0.5	Element Fault
SOU072	339	'581766821_/_357654488_1'	3.03	3.33	3.33	0.592	0.3	3.33	1.61 No	0.3	Element Fault
SOU072	340	'43989685_/_6784732_1'	3.33	3.33	3.33	0.592	0.5	3.33	1.61 No	0.5	Element Fault
SOU072	341	'6784926_/_6784923'	3.1	3.33	3.33	0.592	0.5	3.33	1.61 No	0.5	Element Fault
SOU072	342	'44051651_/_7062114_3'	9.9	10	10	1.768	1.5	10	4.82 No	1.5	Element Fault
SOU072	343	'6790406_/_6790459'	3.33	3.33	3.33	0.592	0.5	3.33	1.61 No	0.5	Element Fault
SOU072	344	'7065984_/_7065998'	10	10	10	1.768	10	10	4.82 No	1.768	Thermal Discharging
SOU072	345	'6785072_/_6785069'	3.33	3.33	3.33	0.592	0.5	3.33	1.61 No	0.5	Element Fault
SOU072	346	'6789336_/_6789443'	2.6	3.33	3.33	0.592	0.5	3.33	1.61 No	0.5	Element Fault
SOU072	347	'43989151_/_43989153'	6.27	6.67	6.67	1.176	1.7	6.67	3.21 No	1.176	Thermal Discharging
SOU072	348	'6789647_/_6789871'	3	3.33	3.33	0.592	0.8	3.33	1.61 No	0.592	Thermal Discharging
SOU072	349	'6790475_/_6790485_1'	3.33	3.33	3.33	0.592	0.5	3.33	1.61 No	0.5	Element Fault
SOU072	350	'6789793_/_6789790_2'	2.8	3.33	3.33	0.592	0.3	3.33	1.61 No	0.3	Element Fault
SOU072	351	'44051378_/_44051380'	10	10	10	1.768	10	10	4.82 No	1.768	Thermal Discharging
SOU072	352	'6790530_/_6790527'	3.33	3.33	3.33	0.592	0.5	3.33	1.61 No	0.5	Element Fault
SOU072	353	'57981883_/_43989246'	2.83	3.33	3.33	0.592	0.5	3.33	1.61 No	0.5	Element Fault
SOU072	354	'7475124_/_7475122_1'	10	10	10	1.768	1.5	10	4.82 No	1.5	Element Fault
SOU072	355	'43991102_/_6790375_1'	3.33	3.33	3.33	0.592	0.5	3.33	1.61 No	0.5	Element Fault
SOU072	356	'7786564_/_8418350_2'	9.9	10	10	1.768	1.5	10	4.82 No	1.5	Element Fault
SOU072	357	'6789432_/_6789524'	2.5	3.33	3.33	0.592	0.3	3.33	1.61 No	0.3	Element Fault
SOU072	358	'7068405_/_7068419'	10	10	10	1.768	10	10	4.82 No	1.768	Thermal Discharging
SOU072	359	'6790192_/_6790202'	2.37	3.33	3.33	0.592	0.5	3.33	1.61 No	0.5	Element Fault
SOU072	360	'43991113_/_6790404'	3.33	3.33	3.33	0.592	0.5	3.33	1.61 No	0.5	Element Fault
SOU072	361	'6790163_/_43990971'	2.77	3.33	3.33	0.592	0.5	3.33	1.61 No	0.5	Element Fault
SOU072	362	'6791092_/_357654488_2'	3.1	3.33	3.33	0.592	0.3	3.33	1.61 No	0.3	Element Fault
SOU072	363	'43989185_/_43989187'	8.2	10	10	1.768	3.5	10	4.82 No	1.768	Thermal Discharging
SOU072	364	'7062300_/_7062310'	3.33	3.33	3.33	0.592	0.5	3.33	1.61 No	0.5	Element Fault
SOU072	365	'44051665_/_44051653'	9.1	10	10	1.768	1.5	10	4.82 No	1.5	Element Fault
SOU072	366	'6784709_/_6784719'	3.33	3.33	3.33	0.592	0.5	3.33	1.61 No	0.5	Element Fault
SOU072	367	'6783308_/_6783320'	6	6.67	6.67	1.176	1.7	6.67	3.21 No	1.176	Thermal Discharging
SOU072	368	'6790773_/_6790783'	3.07	3.33	3.33	0.592	0.5	3.33	1.61 No	0.5	Element Fault
SOU072	369	'7068404_/_7068402'	10	10	10	1.768	10	10	4.82 No	1.768	Thermal Discharging
SOU072	370	'6785085_/_6785082'	3.33	3.33	3.33	0.592	0.5	3.33	1.61 No	0.5	Element Fault
SOU072	371	'229435943_/_229435962_2'	7.2	10	10	1.768	0.9	10	4.82 No	0.9	Element Fault
SOU072	372	'43991183_/_6790650'	2.63	3.33	3.33	0.592	0.5	3.33	1.61 No	0.5	Element Fault
SOU072	373	'43991194_/_6790731'	2.73	3.33	3.33	0.592	0.5	3.33	1.61 No	0.5	Element Fault
SOU072	374	'6792022_/_6792019_2'	8.1	10	10	1.768	3.5	10	4.82 No	1.768	Thermal Discharging
SOU072	375	'43989995_/_6785527'	1.6	3.33	3.33	0.592	0.5	3.33	1.61 No	0.5	Element Fault
SOU072	376	'6790543_/_6790540'	3.33	3.33	3.33	0.592	0.5	3.33	1.61 No	0.5	Element Fault
SOU072	377	'49807092_/_7068522_2'	10	10	10	1.768	10	10	4.82 No	1.768	Thermal Discharging
SOU072	378	'7068524_/_7068522_1'	10	10	10	1.768	10	10	4.82 No	1.768	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Over-Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SOU072	379	'351376517_/_6777996'		1.6	3.33	3.33	0.592	0.5	3.33	1.61 No	0.5 Element Fault
SOU072	380	'6778742_/_6778739'		2	3.33	3.33	0.592	0.5	3.33	1.61 No	0.5 Element Fault
SOU072	381	'43991124_/_6790472'		3.17	3.33	3.33	0.592	0.5	3.33	1.61 No	0.5 Element Fault
SOU072	382	'43989803_/_6785108'		2.77	3.33	3.33	0.592	0.5	3.33	1.61 No	0.5 Element Fault
SOU072	383	'6783290_/_6783305'		5.87	6.67	6.67	1.176	1.7	6.67	3.21 No	1.176 Thermal Discharging
SOU072	384	'49807097_/_8735200_2'		10	10	10	1.768	5.6	10	4.82 No	1.768 Thermal Discharging
SOU072	385	'6789607_/_6789686'		2.6	3.33	3.33	0.592	0.5	3.33	1.61 No	0.5 Element Fault
SOU072	386	'6790191_/_6790189'		2.27	3.33	3.33	0.592	0.5	3.33	1.61 No	0.5 Element Fault
SOU072	387	'6789335_/_6789333'		2.43	3.33	3.33	0.592	0.5	3.33	1.61 No	0.5 Element Fault
SOU072	388	'6789646_/_6789644'		2.77	3.33	3.33	0.592	0.8	3.33	1.61 No	0.592 Thermal Discharging
SOU072	389	'43989333_/_6785095'		3.33	3.33	3.33	0.592	0.5	3.33	1.61 No	0.5 Element Fault
SOU072	390	'7068388_/_7068539'		10	10	10	1.768	10	10	4.82 No	1.768 Thermal Discharging
SOU072	391	'43989674_/_6784706'		3.33	3.33	3.33	0.592	0.5	3.33	1.61 No	0.5 Element Fault
SOU072	392	'6783277_/_6783395'		2.73	3.33	3.33	0.592	0.5	3.33	1.61 No	0.5 Element Fault
SOU072	393	'43989696_/_6784868'		2.7	3.33	3.33	0.592	0.5	3.33	1.61 No	0.5 Element Fault
SOU072	394	'43991091_/_6790228'		2.27	3.33	3.33	0.592	0.5	3.33	1.61 No	0.5 Element Fault
SOU072	395	'6789809_/_6789806'		2.53	3.33	3.33	0.592	0.3	3.33	1.61 No	0.3 Element Fault
SOU072	396	'581768039_/_6791779_1'		2.57	3.33	3.33	0.592	0.3	3.33	1.61 No	0.3 Element Fault
SOU072	397	'7062287_/_7062297'		3.17	3.33	3.33	0.592	0.5	3.33	1.61 No	0.5 Element Fault
SOU072	398	'6789634_/_6789631_2'		2.77	3.33	3.33	0.592	0.8	3.33	1.61 No	0.592 Thermal Discharging
SOU072	399	'6789540_/_6789537'		2.33	3.33	3.33	0.592	0.3	3.33	1.61 No	0.3 Element Fault
SOU072	400	'6789352_/_6789362_1'		2.43	3.33	3.33	0.592	0.3	3.33	1.61 No	0.3 Element Fault
SOU072	401	'6789702_/_6789712_1'		2.73	3.33	3.33	0.592	0.3	3.33	1.61 No	0.3 Element Fault
SOU072	402	'6790556_/_6790553'		3.17	3.33	3.33	0.592	0.5	3.33	1.61 No	0.5 Element Fault
SOU072	403	'7068371_/_7068385'		10	10	10	1.768	10	10	4.82 No	1.768 Thermal Discharging
SOU072	404	'6790861_/_43991218'		2.83	3.33	3.33	0.592	0.5	3.33	1.61 No	0.5 Element Fault
SOU072	405	'6790339_/_6790349'		3.17	3.33	3.33	0.592	0.5	3.33	1.61 No	0.5 Element Fault
SOU072	406	'7062193_/_7062190'		2.83	3.33	3.33	0.592	0.5	3.33	1.61 No	0.5 Element Fault
SOU072	407	'6795180_/_6795178'		2.33	3.33	3.33	0.592	0.3	3.33	1.61 No	0.3 Element Fault
SOU072	408	'429345311_/_44051369_2'		3.33	3.33	3.33	0.592	1.1	3.33	1.61 No	0.592 Thermal Discharging
SOU072	409	'6790179_/_6790176'		2.57	3.33	3.33	0.592	0.5	3.33	1.61 No	0.5 Element Fault
SOU072	410	'6790420_/_43991115'		3.3	3.33	3.33	0.592	0.5	3.33	1.61 No	0.5 Element Fault
SOU072	411	'6791105_/_6791102'		2.97	3.33	3.33	0.592	0.3	3.33	1.61 No	0.3 Element Fault
SOU072	412	'7786563_/_7786561'		8.4	10	10	1.768	1.5	10	4.82 No	1.5 Element Fault
SOU072	413	'6789365_/_6789362_2'		2.37	3.33	3.33	0.592	0.3	3.33	1.61 No	0.3 Element Fault
SOU072	414	'6783173_/_6783287'		5.6	6.67	6.67	1.176	1.7	6.67	3.21 No	1.176 Thermal Discharging
SOU072	415	'43990000_/_43989997'		1.53	3.33	3.33	0.592	0.5	3.33	1.61 No	0.5 Element Fault
SOU072	416	'581768003_/_6791779_2'		2.5	3.33	3.33	0.592	0.3	3.33	1.61 No	0.3 Element Fault
SOU072	417	'7065967_/_7068368'		10	10	10	1.768	10	10	4.82 No	1.768 Thermal Discharging
SOU072	418	'154832493_/_43989109_1'		2.8	3.33	3.33	0.592	0.3	3.33	1.61 No	0.3 Element Fault
SOU072	419	'7068296_/_7068339'		9.5	10	10	1.768	3.3	10	4.82 No	1.768 Thermal Discharging
SOU072	420	'6790569_/_6790566'		3.07	3.33	3.33	0.592	0.5	3.33	1.61 No	0.5 Element Fault
SOU072	421	'6783847_/_43989335'		3.33	3.33	3.33	0.592	0.5	3.33	1.61 No	0.5 Element Fault
SOU072	422	'7060935_/_7065964'		10	10	10	1.768	10	10	4.82 No	1.768 Thermal Discharging
SOU072	423	'581767788_/_44051185_2'		9.2	10	10	1.768	3.3	10	4.82 No	1.768 Thermal Discharging
SOU072	424	'6792005_/_6792019_1'		7.3	10	10	1.768	3.5	10	4.82 No	1.768 Thermal Discharging
SOU072	425	'75933882_/_7065947'		10	10	10	1.768	10	10	4.82 No	1.768 Thermal Discharging
SOU072	426	'7475125_/_7475122_2'		8.2	10	10	1.768	1.5	10	4.82 No	1.5 Element Fault
SOU072	427	'6783198_/_75579623'		5.53	6.67	6.67	1.176	1.7	6.67	3.21 No	1.176 Thermal Discharging
SOU072	428	'7062286_/_7062284'		2.97	3.33	3.33	0.592	0.5	3.33	1.61 No	0.5 Element Fault
SOU072	429	'6783144_/_43989109_2'		2.7	3.33	3.33	0.592	0.3	3.33	1.61 No	0.3 Element Fault
SOU072	430	'7060919_/_7060916_2'		3.33	3.33	3.33	0.592	1.1	3.33	1.61 No	0.592 Thermal Discharging
SOU072	431	'351376583_/_351376580'		1.5	3.33	3.33	0.592	0.5	3.33	1.61 No	0.5 Element Fault
SOU072	432	'6790666_/_43991185'		2.37	3.33	3.33	0.592	0.5	3.33	1.61 No	0.5 Element Fault
SOU072	433	'7062206_/_7062203'		2.67	3.33	3.33	0.592	0.5	3.33	1.61 No	0.5 Element Fault
SOU072	434	'6789621_/_6789631_1'		2.6	3.33	3.33	0.592	0.8	3.33	1.61 No	0.592 Thermal Discharging
SOU072	435	'6778687_/_6778684'		2.03	3.33	3.33	0.592	0.5	3.33	1.61 No	0.5 Element Fault
SOU072	436	'6790760_/_6790770'		2.67	3.33	3.33	0.592	0.5	3.33	1.61 No	0.5 Element Fault
SOU072	437	'43989163_/_6783350'		2.57	3.33	3.33	0.592	0.5	3.33	1.61 No	0.5 Element Fault
SOU072	438	'7062061_/_7114826'		2.27	3.33	3.33	0.592	0.5	3.33	1.61 No	0.5 Element Fault
SOU072	439	'44054033_/_6790871'		2.67	3.33	3.33	0.592	0.5	3.33	1.61 No	0.5 Element Fault
SOU072	440	'6790747_/_6790744'		2.43	3.33	3.33	0.592	0.5	3.33	1.61 No	0.5 Element Fault
SOU072	441	'6784845_/_6784855'		2.47	3.33	3.33	0.592	0.5	3.33	1.61 No	0.5 Element Fault
SOU072	442	'6789553_/_6789550'		2.2	3.33	3.33	0.592	0.3	3.33	1.61 No	0.3 Element Fault
SOU072	443	'6790433_/_6790430'		3.03	3.33	3.33	0.592	0.5	3.33	1.61 No	0.5 Element Fault
SOU072	444	'43989289_/_75579643'		5.47	6.67	6.67	1.176	1.7	6.67	3.21 No	1.176 Thermal Discharging
SOU072	445	'43991297_/_6791118'		2.77	3.33	3.33	0.592	0.3	3.33	1.61 No	0.3 Element Fault
SOU072	446	'7062087_/_7062154'		2.57	3.33	3.33	0.592	0.5	3.33	1.61 No	0.5 Element Fault
SOU072	447	'6790585_/_6790582'		2.9	3.33	3.33	0.592	0.5	3.33	1.61 No	0.5 Element Fault
SOU072	448	'6794255_/_6794268'		2.77	3.33	3.33	0.592	0.5	3.33	1.61 No	0.5 Element Fault
SOU072	449	'43990018_/_6791805'		3.33	3.33	3.33	0.592	0.5	3.33	1.61 No	0.5 Element Fault
SOU072	450	'7475224_/_8735200_1'		8.4	10	10	1.768	1.8	10	4.82 No	1.768 Thermal Discharging
SOU072	451	'6789378_/_6789362_3'		2.23	3.33	3.33	0.592	0.3	3.33	1.61 No	0.3 Element Fault
SOU072	452	'6801939_/_6801949'		1.83	3.33	3.33	0.592	0.5	3.33	1.61 No	0.5 Element Fault
SOU072	453	'6785124_/_43989805'		2.4	3.33	3.33	0.592	0.5	3.33	1.61 No	0.5 Element Fault
SOU072	454	'6789715_/_6789712_2'		2.5	3.33	3.33	0.592	0.3	3.33	1.61 No	0.3 Element Fault
SOU072	455	'6791781_/_6791779_3'		2.33	3.33	3.33	0.592	0.3	3.33	1.61 No	0.3 Element Fault
SOU072	456	'6789297_/_6789618'		2.53	3.33	3.33	0.592	0.8	3.33	1.61 No	0.592 Thermal Discharging
SOU072	457	'6783695_/_75579663'		5.4	6.67	6.67	1.176	1.7	6.67	3.21 No	1.176 Thermal Discharging
SOU072	458	'43989107_/_43989109_3'		2.53	3.33	3.33	0.592	0.3	3.33	1.61 No	0.3 Element Fault
SOU072	459	'6790326_/_6790336'		2.8	3.33	3.33	0.592	0.5	3.33	1.61 No	0.5 Element Fault
SOU072	460	'44051319_/_7062518'		5.93	6.67	6.67	1.176	2.2	6.67	3.21 No	1.176 Thermal Discharging
SOU072	461	'44051367_/_44051369_1'		2.9	3.33	3.33	0.592	0.5	3.33	1.61 No	0.5 Element Fault
SOU072	462	'6783682_/_6783679_2'		2.7	3.33	3.33	0.592	0.85	3.33	1.61 No	0.592 Thermal Discharging
SOU072	463	'7060906_/_7060916_1'		3.33	3.33	3.33	0.592	0.5	3.33	1.61 No	0.5 Element Fault
SOU072	464	'43990980_/_43990982'		2.17	3.33	3.33	0.592	0.3	3.33	1.61 No	0.3 Element Fault
SOU072	465	'6791985_/_6792002'		6.8	10	10	1.768	3.5	10	4.82 No	1.768 Thermal Discharging
SOU072	466	'6790244_/_43991093'		2.03	3.33	3.33	0.592	0.5	3.33	1.61 No	0.5 Element Fault
SOU072	467	'6783264_/_6783274'		2.4	3.33	3.33	0.592	0.5	3.33	1.61 No	0.5 Element Fault
SOU072	468	'599414666_/_7062503_2'		5.93	6.67	6.67	1.176	2.2	6.67	3.21 No	1.176 Thermal Discharging
SOU072	469	'7061967_/_7062058'		2.2	3.33	3.33	0.592	0.5	3.33	1.61 No	0.5 Element Fault
SOU072	470	'6783669_/_6783679_1'		2.73	3.33	3.33	0.592	0.6	3.33	1.61 No	0.592 Thermal Discharging
SOU072	471	'7062222_/_7062219'		2.5	3.33	3.33	0.592	0.5	3.33	1.61 No	0.5 Element Fault
SOU072	472	'6789566_/_6789563'		2.3	3.33	3.33	0.592	0.3	3.33	1.61 No	0.3 Element Fault

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SOU072	473	'6790759_/_6790757'		2.5	3.33	3.33	0.592	0.5	3.33	1.61 No	0.5 Element Fault
SOU072	474	'6790446_/_6790443'		2.87	3.33	3.33	0.592	0.5	3.33	1.61 No	0.5 Element Fault
SOU072	475	'6785747_/_6785744'		3.2	3.33	3.33	0.592	0.5	3.33	1.61 No	0.5 Element Fault
SOU072	476	'6791134_/_43991299'		2.63	3.33	3.33	0.592	0.3	3.33	1.61 No	0.3 Element Fault
SOU072	477	'6803306_/_6803316_1'		2.6	3.33	3.33	0.592	0.3	3.33	1.61 No	0.3 Element Fault
SOU072	478	'6783185_/_6783183'		2.47	3.33	3.33	0.592	0.3	3.33	1.61 No	0.3 Element Fault
SOU072	479	'6801926_/_6801936'		1.77	3.33	3.33	0.592	0.5	3.33	1.61 No	0.5 Element Fault
SOU072	480	'44051183_/_44051185_1'		7.9	10	10	1.768	1.6	10	4.82 No	1.6 Element Fault
SOU072	481	'6790965_/_6790962'		2.3	3.33	3.33	0.592	0.5	3.33	1.61 No	0.5 Element Fault
SOU072	482	'7062074_/_7062084'		2.4	3.33	3.33	0.592	0.5	3.33	1.61 No	0.5 Element Fault
SOU072	483	'6783369_/_43989165'		2.4	3.33	3.33	0.592	0.5	3.33	1.61 No	0.5 Element Fault
SOU072	484	'351376693_/_351376625'		1.43	3.3	3.33	0.592	0.5	3.33	1.61 No	0.5 Element Fault
SOU072	485	'6790679_/_6790676'		2.17	3.33	3.33	0.592	0.5	3.33	1.61 No	0.5 Element Fault
SOU072	486	'6783656_/_6783666'		2.8	3.33	3.33	0.592	0.6	3.33	1.61 No	0.592 Thermal Discharging
SOU072	487	'6785760_/_6785757'		3.1	3.33	3.33	0.592	0.5	3.33	1.61 No	0.5 Element Fault
SOU072	488	'43989814_/_6785134'		2.27	3.33	3.33	0.592	0.5	3.33	1.61 No	0.5 Element Fault
SOU072	489	'6789284_/_6789294'		2.4	3.33	3.33	0.592	0.8	3.33	1.61 No	0.592 Thermal Discharging
SOU072	490	'6794254_/_6794252'		2.53	3.33	3.33	0.592	0.5	3.33	1.61 No	0.5 Element Fault
SOU072	491	'43993080_/_6778726'		1.9	3.33	3.33	0.592	0.5	3.33	1.61 No	0.5 Element Fault
SOU072	492	'6784844_/_6784842'		2.23	3.33	3.33	0.592	0.5	3.33	1.61 No	0.5 Element Fault
SOU072	493	'44051678_/_7062232'		2.4	3.33	3.33	0.592	0.5	3.33	1.61 No	0.5 Element Fault
SOU072	494	'6804168_/_6804178'		2.2	3.33	3.33	0.592	0.3	3.33	1.61 No	0.3 Element Fault
SOU072	495	'6783118_/_6783128'		2.37	3.33	3.33	0.592	0.3	3.33	1.61 No	0.3 Element Fault
SOU072	496	'6790887_/_6790884_1'		2.4	3.33	3.33	0.592	0.5	3.33	1.61 No	0.5 Element Fault
SOU072	497	'581756877_/_581756874'		2.73	3.33	3.33	0.592	0.5	3.33	1.61 No	0.5 Element Fault
SOU072	498	'7061954_/_7061964'		2.1	3.33	3.33	0.592	0.5	3.33	1.61 No	0.5 Element Fault
SOU072	499	'44051295_/_44051297'		3.33	3.33	3.33	0.592	0.5	3.33	1.61 No	0.5 Element Fault
SOU072	500	'6790325_/_6790323'		2.57	3.33	3.33	0.592	0.5	3.33	1.61 No	0.5 Element Fault
SOU072	501	'6791147_/_6791144'		2.5	3.33	3.33	0.592	0.3	3.33	1.61 No	0.3 Element Fault
SOU072	502	'6801925_/_6801923'		1.73	3.27	3.33	0.592	0.5	3.33	1.61 No	0.5 Element Fault
SOU072	503	'43989278_/_43989280'		2.83	3.33	3.33	0.592	0.6	3.33	1.61 No	0.592 Thermal Discharging
SOU072	504	'43991227_/_6790884_2'		2.37	3.33	3.33	0.592	0.5	3.33	1.61 No	0.5 Element Fault
SOU072	505	'6789258_/_6789255_2'		2.37	3.33	3.33	0.592	0.8	3.33	1.61 No	0.592 Thermal Discharging
SOU072	506	'6785773_/_6785770'		3	3.33	3.33	0.592	0.5	3.33	1.61 No	0.5 Element Fault
SOU072	507	'7061980_/_7061990_1'		2.07	3.33	3.33	0.592	0.3	3.33	1.61 No	0.3 Element Fault
SOU072	508	'6789728_/_6789725'		2.3	3.33	3.33	0.592	0.3	3.33	1.61 No	0.3 Element Fault
SOU072	509	'44051331_/_7062503_1'		5.2	6.67	6.67	1.176	1	6.67	3.21 No	1 Element Fault
SOU072	510	'43989002_/_43989004'		6.3	10	10	1.768	3.5	10	4.82 No	1.768 Thermal Discharging
SOU072	511	'7061070_/_7061080'		2.57	3.33	3.33	0.592	0.5	3.33	1.61 No	0.5 Element Fault
SOU072	512	'6789404_/_6789401'		2.03	3.33	3.33	0.592	0.3	3.33	1.61 No	0.3 Element Fault
SOU072	513	'9680633_/_429344927'		7.3	10	10	1.768	1.8	10	4.82 No	1.768 Thermal Discharging
SOU072	514	'56135467_/_56135503'		6.9	10	10	1.768	1.5	10	4.82 No	1.5 Element Fault
SOU072	515	'43993204_/_6803316_2'		2.4	3.33	3.33	0.592	0.3	3.33	1.61 No	0.3 Element Fault
SOU072	516	'6790257_/_6790254'		1.9	3.33	3.33	0.592	0.5	3.33	1.61 No	0.5 Element Fault
SOU072	517	'6790978_/_6790975'		2.17	3.33	3.33	0.592	0.5	3.33	1.61 No	0.5 Element Fault
SOU072	518	'6789271_/_6789281'		2.33	3.33	3.33	0.592	0.8	3.33	1.61 No	0.592 Thermal Discharging
SOU072	519	'581766691_/_7061990_2'		2.03	3.33	3.33	0.592	0.3	3.33	1.61 No	0.3 Element Fault
SOU072	520	'6783011_/_6783640'		2.9	3.33	3.33	0.592	0.6	3.33	1.61 No	0.592 Thermal Discharging
SOU072	521	'6789310_/_6789320'		2	3.33	3.33	0.592	0.3	3.33	1.61 No	0.3 Element Fault
SOU072	522	'6789579_/_6789576'		2.13	3.33	3.33	0.592	0.3	3.33	1.61 No	0.3 Element Fault
SOU072	523	'43990087_/_6785783'		2.93	3.33	3.33	0.592	0.5	3.33	1.61 No	0.5 Element Fault
SOU072	524	'6783251_/_6783261'		2.2	3.33	3.33	0.592	0.5	3.33	1.61 No	0.5 Element Fault
SOU072	525	'7060298_/_7060310'		7.1	10	10	1.768	1.6	10	4.82 No	1.6 Element Fault
SOU072	526	'7062073_/_7062071'		2.2	3.33	3.33	0.592	0.5	3.33	1.61 No	0.5 Element Fault
SOU072	527	'6783859_/_43989816'		2.17	3.33	3.33	0.592	0.5	3.33	1.61 No	0.5 Element Fault
SOU072	528	'6790692_/_6790689'		2.03	3.33	3.33	0.592	0.5	3.33	1.61 No	0.5 Element Fault
SOU072	529	'6783382_/_6783379'		2.2	3.33	3.33	0.592	0.5	3.33	1.61 No	0.5 Element Fault
SOU072	530	'6783212_/_6783209'		2.2	3.33	3.33	0.592	0.3	3.33	1.61 No	0.3 Element Fault
SOU072	531	'6782998_/_6783008'		3	3.33	3.33	0.592	0.6	3.33	1.61 No	0.592 Thermal Discharging
SOU072	532	'7062248_/_44051680'		2.27	3.33	3.33	0.592	0.5	3.33	1.61 No	0.5 Element Fault
SOU072	533	'7060880_/_7060890'		3.07	3.33	3.33	0.592	0.5	3.33	1.61 No	0.5 Element Fault
SOU072	534	'6789245_/_6789255_1'		2.23	3.33	3.33	0.592	0.3	3.33	1.61 No	0.3 Element Fault
SOU072	535	'6790270_/_6790267'		1.83	3.23	3.33	0.592	0.5	3.33	1.61 No	0.5 Element Fault
SOU072	536	'6789219_/_6789268'		2.23	3.33	3.33	0.592	0.8	3.33	1.61 No	0.592 Thermal Discharging
SOU072	537	'7061941_/_7061951'		1.97	3.33	3.33	0.592	0.5	3.33	1.61 No	0.5 Element Fault
SOU072	538	'6789417_/_6789414'		1.93	3.3	3.33	0.592	0.3	3.33	1.61 No	0.3 Element Fault
SOU072	539	'6782997_/_6782995'		3.07	3.33	3.33	0.592	0.6	3.33	1.61 No	0.592 Thermal Discharging
SOU072	540	'7062006_/_7061990_3'		1.97	3.33	3.33	0.592	0.3	3.33	1.61 No	0.3 Element Fault
SOU072	541	'43989140_/_6783222'		2.03	3.3	3.33	0.592	0.3	3.33	1.61 No	0.3 Element Fault
SOU072	542	'6803008_/_6803006'		1.63	3.13	3.33	0.592	0.5	3.33	1.61 No	0.5 Element Fault
SOU072	543	'7062261_/_7062258'		2.23	3.33	3.33	0.592	0.5	3.33	1.61 No	0.5 Element Fault
SOU072	544	'6783105_/_6783115'		2.17	3.33	3.33	0.592	0.3	3.33	1.61 No	0.3 Element Fault
SOU072	545	'43991308_/_6791157'		2.33	3.33	3.33	0.592	0.3	3.33	1.61 No	0.3 Element Fault
SOU072	546	'6789741_/_6789738'		2.13	3.3	3.33	0.592	0.3	3.33	1.61 No	0.3 Element Fault
SOU072	547	'6790991_/_6790988'		2.07	3.23	3.33	0.592	0.5	3.33	1.61 No	0.5 Element Fault
SOU072	548	'6790900_/_43991229'		2.2	3.33	3.33	0.592	0.5	3.33	1.61 No	0.5 Element Fault
SOU072	549	'6783860_/_6783857'		2.07	3.33	3.33	0.592	0.5	3.33	1.61 No	0.5 Element Fault
SOU072	550	'6789309_/_6789307'		1.9	3.27	3.33	0.592	0.3	3.33	1.61 No	0.3 Element Fault
SOU072	551	'7060283_/_7060295'		6.7	10	10	1.768	1.6	10	4.82 No	1.6 Element Fault
SOU072	552	'43988989_/_43988991'		5.8	9.6	10	1.768	3.5	10	4.82 No	1.768 Thermal Discharging
SOU072	553	'7060947_/_7062488'		4.67	6.67	6.67	1.176	1	6.67	3.21 No	1 Element Fault
SOU072	554	'6783079_/_6783089'		3.17	3.33	3.33	0.592	0.6	3.33	1.61 No	0.592 Thermal Discharging
SOU072	555	'7061057_/_7061067'		2.33	3.33	3.33	0.592	0.5	3.33	1.61 No	0.5 Element Fault
SOU072	556	'6783250_/_6783248'		2.07	3.27	3.33	0.592	0.5	3.33	1.61 No	0.5 Element Fault
SOU072	557	'44051640_/_7062016'		1.9	3.27	3.33	0.592	0.3	3.33	1.61 No	0.3 Element Fault
SOU072	558	'118731304_/_6789592'		1.97	3.2	3.33	0.592	0.3	3.33	1.61 No	0.3 Element Fault
SOU072	559	'6783066_/_6783076'		3.27	3.33	3.33	0.592	0.6	3.33	1.61 No	0.592 Thermal Discharging
SOU072	560	'7060268_/_7060280'		6.5	10	10	1.768	1.6	10	4.82 No	1.6 Element Fault
SOU072	561	'6790705_/_6790702'		1.9	3.2	3.33	0.592	0.5	3.33	1.61 No	0.5 Element Fault
SOU072	562	'7061863_/_7061938'		1.9	3.23	3.33	0.592	0.5	3.33	1.61 No	0.5 Element Fault
SOU072	563	'7062274_/_7062271'		2.13	3.33	3.33	0.592	0.5	3.33	1.61 No	0.5 Element Fault
SOU072	564	'6783707_/_43993206'		2.17	3.33	3.33	0.592	0.3	3.33	1.61 No	0.3 Element Fault
SOU072	565	'6789190_/_6789216'		2.13	3.3	3.33	0.592	0.8	3.33	1.61 No	0.592 Thermal Discharging
SOU072	566	'455162589_/_455162586'		2.07	3.3	3.33	0.592	0.5	3.33	1.61 No	0.5 Element Fault

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SOU072	567	'7060867_/7060877'	2.77	3.33	3.33	0.592	0.5	3.33	1.61	No	0.5 Element Fault
SOU072	568	'6790913_/6790910'	2.1	3.23	3.33	0.592	0.5	3.33	1.61	No	0.5 Element Fault
SOU072	569	'7061876_/7061886_1'	1.87	3.23	3.33	0.592	0.3	3.33	1.61	No	0.3 Element Fault
SOU072	570	'6789244_/6789242'	2.1	3.23	3.33	0.592	0.3	3.33	1.61	No	0.3 Element Fault
SOU072	571	'6783050_/6783063'	3.27	3.33	3.33	0.592	0.6	3.33	1.61	No	0.592 Thermal Discharging
SOU072	572	'268078558_/43993308'	2.97	3.33	3.33	0.592	0.6	3.33	1.61	No	0.592 Thermal Discharging
SOU072	573	'6789177_/6789174_2'	2.13	3.27	3.33	0.592	0.8	3.33	1.61	No	0.592 Thermal Discharging
SOU072	574	'44051171_/44051173'	6.4	10	10	1.768	1.6	10	4.82	No	1.6 Element Fault
SOU072	575	'6791004_/6791001'	1.97	3.1	3.33	0.592	0.5	3.33	1.61	No	0.5 Element Fault
SOU072	576	'6783049_/6783047'	3.27	3.33	3.33	0.592	0.6	3.33	1.61	No	0.592 Thermal Discharging
SOU072	577	'43990029_/6791792'	2	3.33	3.33	0.592	0.5	3.33	1.61	No	0.5 Element Fault
SOU072	578	'6794469_/6794466'	2.03	3.33	3.33	0.592	0.3	3.33	1.61	No	0.3 Element Fault
SOU072	579	'6791173_/6791170'	2.2	3.33	3.33	0.592	0.3	3.33	1.61	No	0.3 Element Fault
SOU072	580	'6783104_/6783102'	2	3.33	3.33	0.592	0.3	3.33	1.61	No	0.3 Element Fault
SOU072	581	'7061044_/7061054'	2.2	3.33	3.33	0.592	0.5	3.33	1.61	No	0.5 Element Fault
SOU072	582	'7062035_/7062032'	1.83	3.17	3.33	0.592	0.3	3.33	1.61	No	0.3 Element Fault
SOU072	583	'6782727_/6791942'	5.5	9.1	10	1.768	3.5	10	4.82	No	1.768 Thermal Discharging
SOU072	584	'6789164_/6789174_1'	2.07	3.23	3.33	0.592	0.3	3.33	1.61	No	0.3 Element Fault
SOU072	585	'6783821_/6783818'	3.23	3.33	3.33	0.592	0.6	3.33	1.61	No	0.592 Thermal Discharging
SOU072	586	'7060948_/7060945'	4.27	6.67	6.67	1.176	1	6.67	3.21	No	1 Element Fault
SOU072	587	'7114842_/7114839'	2.03	3.33	3.33	0.592	0.5	3.33	1.61	No	0.5 Element Fault
SOU072	588	'6783225_/43989142'	1.87	3.07	3.33	0.592	0.3	3.33	1.61	No	0.3 Element Fault
SOU072	589	'581767816_/7061041'	2.13	3.33	3.33	0.592	0.5	3.33	1.61	No	0.5 Element Fault
SOU072	590	'554394454_/6783831'	3.23	3.33	3.33	0.592	0.6	3.33	1.61	No	0.592 Thermal Discharging
SOU072	591	'6803682_/268078567'	2.8	3.33	3.33	0.592	0.6	3.33	1.61	No	0.592 Thermal Discharging
SOU072	592	'6789205_/6789203'	2.07	3.2	3.33	0.592	0.8	3.33	1.61	No	0.592 Thermal Discharging
SOU072	593	'7060866_/7060864'	2.57	3.33	3.33	0.592	0.5	3.33	1.61	No	0.5 Element Fault
SOU072	594	'7060153_/7060247'	6	9.5	10	1.768	1.6	10	4.82	No	1.6 Element Fault
SOU072	595	'7061889_/7061886_2'	1.77	3.07	3.33	0.592	0.3	3.33	1.61	No	0.3 Element Fault
SOU072	596	'66363964_/66363967'	5.4	8.8	10	1.768	3.5	10	4.82	No	1.768 Thermal Discharging
SOU072	597	'7061915_/7061925'	1.77	3.07	3.33	0.592	0.3	3.33	1.61	No	0.3 Element Fault
SOU072	598	'6790926_/6790923'	2	3.07	3.33	0.592	0.5	3.33	1.61	No	0.5 Element Fault
SOU072	599	'6785838_/6785835'	1.9	3.3	3.33	0.592	0.5	3.33	1.61	No	0.5 Element Fault
SOU072	600	'43991249_/6791014'	1.87	3	3.33	0.592	0.5	3.33	1.61	No	0.5 Element Fault
SOU072	601	'43989267_/554394458'	3.2	3.33	3.33	0.592	0.6	3.33	1.61	No	0.592 Thermal Discharging
SOU072	602	'43991385_/6791530'	2.1	3.27	3.33	0.592	0.3	3.33	1.61	No	0.3 Element Fault
SOU072	603	'429345762_/56135474_1'	5.7	9.1	10	1.768	1.8	10	4.82	No	1.768 Thermal Discharging
SOU072	604	'581767818_/581756890'	2.07	3.3	3.33	0.592	0.5	3.33	1.61	No	0.5 Element Fault
SOU072	605	'6783708_/6783705'	2	3.33	3.33	0.592	0.3	3.33	1.61	No	0.3 Element Fault
SOU072	606	'6803575_/6803572'	3.2	3.33	3.33	0.592	0.6	3.33	1.61	No	0.592 Thermal Discharging
SOU072	607	'6789151_/6789161'	2	3.13	3.33	0.592	0.3	3.33	1.61	No	0.3 Element Fault
SOU072	608	'6782728_/6782725'	5.2	8.7	10	1.768	3.3	10	4.82	No	1.768 Thermal Discharging
SOU072	609	'43988978_/6783802'	5.3	8.7	10	1.768	3.5	10	4.82	No	1.768 Thermal Discharging
SOU072	610	'6794297_/6794294'	5.3	8.7	10	1.768	3.5	10	4.82	No	1.768 Thermal Discharging
SOU072	611	'43991588_/43991590'	2.83	3.33	3.33	0.592	0.6	3.33	1.61	No	0.592 Thermal Discharging
SOU072	612	'6782985_/6803679'	2.67	3.33	3.33	0.592	0.6	3.33	1.61	No	0.592 Thermal Discharging
SOU072	613	'44051629_/7061860'	1.73	3	3.33	0.592	0.5	3.33	1.61	No	0.5 Element Fault
SOU072	614	'6794284_/6794281_2'	1.77	2.9	3.33	0.592	1.17	3.33	1.61	No	0.592 Thermal Discharging
SOU072	615	'7061798_/7114813'	2	3.1	3.33	0.592	0.8	3.33	1.61	No	0.592 Thermal Discharging
SOU072	616	'6789150_/6789148'	1.97	3.1	3.33	0.592	0.3	3.33	1.61	No	0.3 Element Fault
SOU072	617	'6803588_/6803585'	3.17	3.33	3.33	0.592	0.6	3.33	1.61	No	0.592 Thermal Discharging
SOU072	618	'6791546_/43991387'	2.03	3.2	3.33	0.592	0.3	3.33	1.61	No	0.3 Element Fault
SOU072	619	'7061837_/7061834_2'	1.73	3	3.33	0.592	0.5	3.33	1.61	No	0.5 Element Fault
SOU072	620	'6783238_/6783235'	1.8	2.93	3.33	0.592	0.3	3.33	1.61	No	0.3 Element Fault
SOU072	621	'118731370_/7062045'	1.7	2.97	3.33	0.592	0.3	3.33	1.61	No	0.3 Element Fault
SOU072	622	'7061914_/7061912'	1.7	2.97	3.33	0.592	0.3	3.33	1.61	No	0.3 Element Fault
SOU072	623	'7059962_/7060150'	4.07	6.13	6.67	1.176	1.07	6.67	3.21	No	1.07 Element Fault
SOU072	624	'44051343_/7060960'	4	6.47	6.67	1.176	1	6.67	3.21	No	1 Element Fault
SOU072	625	'7061902_/7061899'	1.7	2.97	3.33	0.592	0.3	3.33	1.61	No	0.3 Element Fault
SOU072	626	'6785851_/6785848'	1.83	3.2	3.33	0.592	0.5	3.33	1.61	No	0.5 Element Fault
SOU072	627	'43993273_/6803598'	3.13	3.33	3.33	0.592	0.6	3.33	1.61	No	0.592 Thermal Discharging
SOU072	628	'6782715_/6794281_1'	1.77	2.83	3.33	0.592	0.3	3.33	1.61	No	0.3 Element Fault
SOU072	629	'43991238_/6790936'	1.9	2.93	3.33	0.592	0.5	3.33	1.61	No	0.5 Element Fault
SOU072	630	'44051607_/44051609'	1.93	3.03	3.33	0.592	0.8	3.33	1.61	No	0.592 Thermal Discharging
SOU072	631	'6782745_/6782742'	5	8.3	10	1.768	3.3	10	4.82	No	1.768 Thermal Discharging
SOU072	632	'6794313_/6794366'	5	8.3	10	1.768	3.5	10	4.82	No	1.768 Thermal Discharging
SOU072	633	'6785864_/6785861'	1.8	3.13	3.33	0.592	0.5	3.33	1.61	No	0.5 Element Fault
SOU072	634	'6803614_/43993275'	3.13	3.33	3.33	0.592	0.6	3.33	1.61	No	0.592 Thermal Discharging
SOU072	635	'7060978_/44051345'	3.8	6.2	6.67	1.176	1	6.67	3.21	No	1 Element Fault
SOU072	636	'7060171_/7060168'	5.5	8.8	10	1.768	1.6	10	4.82	No	1.6 Element Fault
SOU072	637	'7061797_/7068872_2'	1.9	3	3.33	0.592	0.8	3.33	1.61	No	0.592 Thermal Discharging
SOU072	638	'6795372_/6795382'	2.57	3.33	3.33	0.592	0.6	3.33	1.61	No	0.592 Thermal Discharging
SOU072	639	'8096549_/8404664_1'	5	8.2	10	1.768	1.7	10	4.82	No	1.7 Element Fault
SOU072	640	'43989074_/43989076'	2.47	3.33	3.33	0.592	0.6	3.33	1.61	No	0.592 Thermal Discharging
SOU072	641	'6803627_/6803624'	3.1	3.33	3.33	0.592	0.6	3.33	1.61	No	0.592 Thermal Discharging
SOU072	642	'44051618_/7061834_1'	1.63	2.87	3.33	0.592	0.3	3.33	1.61	No	0.3 Element Fault
SOU072	643	'6782972_/6782969_2'	2.43	3.33	3.33	0.592	0.6	3.33	1.61	No	0.592 Thermal Discharging
SOU072	644	'43989300_/6783718'	1.83	3.1	3.33	0.592	0.3	3.33	1.61	No	0.3 Element Fault
SOU072	645	'6791030_/43991251'	1.73	2.8	3.33	0.592	0.5	3.33	1.61	No	0.5 Element Fault
SOU072	646	'43988967_/6782712'	1.77	2.77	3.33	0.592	0.3	3.33	1.61	No	0.3 Element Fault
SOU072	647	'7068874_/7068872_1'	1.87	2.93	3.33	0.592	0.3	3.33	1.61	No	0.3 Element Fault
SOU072	648	'7058641_/7114536'	3.1	3.33	3.33	0.592	0.6	3.33	1.61	No	0.592 Thermal Discharging
SOU072	649	'6782765_/6782762'	4.8	8.1	10	1.768	3.3	10	4.82	No	1.768 Thermal Discharging
SOU072	650	'44050677_/7058639'	3.07	3.33	3.33	0.592	0.6	3.33	1.61	No	0.592 Thermal Discharging
SOU072	651	'6782907_/6782917_1'	1.6	2.67	3.33	0.592	0.3	3.33	1.61	No	0.3 Element Fault
SOU072	652	'6782959_/6782969_1'	2.37	3.33	3.33	0.592	0.6	3.33	1.61	No	0.592 Thermal Discharging
SOU072	653	'7059961_/7059959'	2.03	2.87	3.33	0.592	0.53	3.33	1.61	No	0.53 Element Fault
SOU072	654	'7058759_/7118983'	1.83	2.9	3.33	0.592	0.3	3.33	1.61	No	0.3 Element Fault
SOU072	655	'6790952_/43991240'	1.77	2.8	3.33	0.592	0.5	3.33	1.61	No	0.5 Element Fault
SOU072	656	'7060993_/7060990'	3.6	5.93	6.67	1.176	1	6.67	3.21	No	1 Element Fault
SOU072	657	'6782689_/6782699'	1.77	2.7	3.33	0.592	0.3	3.33	1.61	No	0.3 Element Fault
SOU072	658	'7058655_/7058652'	3.07	3.33	3.33	0.592	0.6	3.33	1.61	No	0.592 Thermal Discharging
SOU072	659	'6782873_/6782887'	4.7	7.9	10	1.768	3.3	10	4.82	No	1.768 Thermal Discharging
SOU072	660	'7061811_/7061821'	1.57	2.77	3.33	0.592	0.3	3.33	1.61	No	0.3 Element Fault

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SOU072	661	'57608356_/57608304'	1.67	2.97	3.33	0.592	0.5	3.33	1.61	No	0.5 Element Fault
SOU072	662	'8404667_/8404664_2'	4.7	7.9	10	1.768	1.7	10	4.82	No	1.7 Element Fault
SOU072	663	'6794330_/6794327'	1.57	2.63	3.33	0.592	1	3.33	1.61	No	0.592 Thermal Discharging
SOU072	664	'44050688_/7058665'	3.03	3.33	3.33	0.592	0.6	3.33	1.61	No	0.592 Thermal Discharging
SOU072	665	'6783734_/43989302'	1.73	2.93	3.33	0.592	0.3	3.33	1.61	No	0.3 Element Fault
SOU072	666	'6783037_/6795369'	2.3	3.27	3.33	0.592	0.6	3.33	1.61	No	0.592 Thermal Discharging
SOU072	667	'43989050_/43989052'	4.6	7.8	10	1.768	3.3	10	4.82	No	1.768 Thermal Discharging
SOU072	668	'6782676_/6782686'	1.73	2.67	3.33	0.592	0.3	3.33	1.61	No	0.3 Element Fault
SOU072	669	'6782920_/6782917_2'	1.6	2.6	3.33	0.592	0.3	3.33	1.61	No	0.3 Element Fault
SOU072	670	'7058681_/7058678'	3	3.33	3.33	0.592	0.6	3.33	1.61	No	0.592 Thermal Discharging
SOU072	671	'44051044_/7059975'	2	2.77	3.33	0.592	0.53	3.33	1.61	No	0.53 Element Fault
SOU072	672	'240690244_/6791040'	1.63	2.63	3.33	0.592	0.5	3.33	1.61	No	0.5 Element Fault
SOU072	673	'7061810_/7061808'	1.53	2.7	3.33	0.592	0.3	3.33	1.61	No	0.3 Element Fault
SOU072	674	'7058772_/7058769'	1.77	2.8	3.33	0.592	0.3	3.33	1.61	No	0.3 Element Fault
SOU072	675	'43991374_/6791462'	1.7	2.67	3.33	0.592	0.5	3.33	1.61	No	0.5 Element Fault
SOU072	676	'44051355_/7061005'	3.47	5.67	6.67	1.176	1	6.67	3.21	No	1 Element Fault
SOU072	677	'7060189_/7060199'	4.9	8	10	1.768	1.6	10	4.82	No	1.6 Element Fault
SOU072	678	'44050699_/7058691'	3	3.33	3.33	0.592	0.6	3.33	1.61	No	0.592 Thermal Discharging
SOU072	679	'6782663_/6782673'	1.7	2.6	3.33	0.592	0.3	3.33	1.61	No	0.3 Element Fault
SOU072	680	'7058746_/7058756'	1.73	2.77	3.33	0.592	0.3	3.33	1.61	No	0.3 Element Fault
SOU072	681	'6794343_/6794340'	1.5	2.53	3.33	0.592	1	3.33	1.61	No	0.592 Thermal Discharging
SOU072	682	'6782839_/6782853'	4.5	7.6	10	1.768	3.3	10	4.82	No	1.768 Thermal Discharging
SOU072	683	'394373632_/44050701_1'	2.97	3.33	3.33	0.592	0.6	3.33	1.61	No	0.592 Thermal Discharging
SOU072	684	'7058707_/44050701_2'	2.97	3.33	3.33	0.592	0.6	3.33	1.61	No	0.592 Thermal Discharging
SOU072	685	'43989096_/43989098'	2.17	3.1	3.33	0.592	0.6	3.33	1.61	No	0.592 Thermal Discharging
SOU072	686	'6782650_/6782660'	1.67	2.57	3.33	0.592	0.3	3.33	1.61	No	0.3 Element Fault
SOU072	687	'6783747_/43989313'	1.63	2.77	3.33	0.592	0.3	3.33	1.61	No	0.3 Element Fault
SOU072	688	'7058785_/7058782'	1.7	2.7	3.33	0.592	0.3	3.33	1.61	No	0.3 Element Fault
SOU072	689	'7058720_/7058717'	2.93	3.33	3.33	0.592	0.6	3.33	1.61	No	0.592 Thermal Discharging
SOU072	690	'7060004_/7060186'	1.67	2.6	3.33	0.592	0.53	3.33	1.61	No	0.53 Element Fault
SOU072	691	'43989063_/6782930'	1.6	2.47	3.33	0.592	0.3	3.33	1.61	No	0.3 Element Fault
SOU072	692	'6791478_/43991376'	1.6	2.57	3.33	0.592	0.5	3.33	1.61	No	0.5 Element Fault
SOU072	693	'7058733_/7058730'	2.93	3.33	3.33	0.592	0.6	3.33	1.61	No	0.592 Thermal Discharging
SOU072	694	'7059949_/7059988'	1.9	2.63	3.33	0.592	0.53	3.33	1.61	No	0.53 Element Fault
SOU072	695	'7058745_/7058743_1'	1.67	2.67	3.33	0.592	0.3	3.33	1.61	No	0.3 Element Fault
SOU072	696	'6782822_/6782836'	4.3	7.4	10	1.768	3.3	10	4.82	No	1.768 Thermal Discharging
SOU072	697	'6782637_/6782647'	1.63	2.53	3.33	0.592	0.3	3.33	1.61	No	0.3 Element Fault
SOU072	698	'44051448_/44051357'	3.27	5.4	6.67	1.176	1	6.67	3.21	No	1 Element Fault
SOU072	699	'599414870_/7059946_2'	1.9	2.6	3.33	0.592	0.53	3.33	1.61	No	0.53 Element Fault
SOU072	700	'89878747_/89878685'	2.93	3.33	3.33	0.592	0.6	3.33	1.61	No	0.592 Thermal Discharging
SOU072	701	'6791491_/6791488'	1.6	2.57	3.33	0.592	0.5	3.33	1.61	No	0.5 Element Fault
SOU072	702	'142303307_/7058743_2'	1.63	2.63	3.33	0.592	0.3	3.33	1.61	No	0.3 Element Fault
SOU072	703	'43989085_/43989087'	2.03	2.97	3.33	0.592	0.6	3.33	1.61	No	0.592 Thermal Discharging
SOU072	704	'6783023_/7789525_2'	2	2.93	3.33	0.592	0.6	3.33	1.61	No	0.592 Thermal Discharging
SOU072	705	'6782636_/43988958'	1.6	2.5	3.33	0.592	0.3	3.33	1.61	No	0.3 Element Fault
SOU072	706	'43993237_/6803446'	1.57	2.67	3.33	0.592	0.3	3.33	1.61	No	0.3 Element Fault
SOU072	707	'44050710_/7058795'	1.6	2.57	3.33	0.592	0.3	3.33	1.61	No	0.3 Element Fault
SOU072	708	'6782946_/43989065'	1.53	2.4	3.33	0.592	0.3	3.33	1.61	No	0.3 Element Fault
SOU072	709	'44051033_/7059946_1'	1.83	2.53	3.33	0.592	0.2	3.33	1.61	No	0.2 Element Fault
SOU072	710	'43989037_/43989039'	4.2	7.1	10	1.768	3.3	10	4.82	No	1.768 Thermal Discharging
SOU072	711	'7060217_/7060214'	4.5	7.4	10	1.768	1.6	10	4.82	No	1.6 Element Fault
SOU072	712	'625471995_/7060229'	4.5	7.4	10	1.768	1.6	10	4.82	No	1.6 Element Fault
SOU072	713	'44053438_/7047056'	1.8	2.5	3.33	0.592	0.2	3.33	1.61	No	0.2 Element Fault
SOU072	714	'7058827_/44050712'	1.57	2.53	3.33	0.592	0.3	3.33	1.61	No	0.3 Element Fault
SOU072	715	'6791517_/6791514'	1.5	2.43	3.33	0.592	0.5	3.33	1.61	No	0.5 Element Fault
SOU072	716	'6791452_/6791501'	1.5	2.43	3.33	0.592	0.5	3.33	1.61	No	0.5 Element Fault
SOU072	717	'44051055_/44051057'	1.67	2.43	3.33	0.592	0.53	3.33	1.61	No	0.53 Element Fault
SOU072	718	'7061328_/44051450'	3	5.07	6.67	1.176	1	6.67	3.21	No	1 Element Fault
SOU072	719	'7062554_/7062552'	1.5	2.4	3.33	0.592	0.53	3.33	1.61	No	0.53 Element Fault
SOU072	720	'6783484_/6783481'	1.5	2.33	3.33	0.592	0.3	3.33	1.61	No	0.3 Element Fault
SOU072	721	'6782788_/6782802'	4	6.9	10	1.768	3.3	10	4.82	No	1.768 Thermal Discharging
SOU072	722	'6783759_/43993239'	1.47	2.53	3.33	0.592	0.3	3.33	1.61	No	0.3 Element Fault
SOU072	723	'7062474_/7118996'	1.53	2.47	3.33	0.592	0.3	3.33	1.61	No	0.3 Element Fault
SOU072	724	'7047071_/7047069'	1.77	2.47	3.33	0.592	0.2	3.33	1.61	No	0.2 Element Fault
SOU072	725	'6782787_/6782785'	1.33	2.27	3.33	0.592	1.1	3.33	1.61	No	0.592 Thermal Discharging
SOU072	726	'6783760_/6783757'	1.43	2.47	3.33	0.592	0.3	3.33	1.61	No	0.3 Element Fault
SOU072	727	'43991363_/6791449'	1.47	2.33	3.33	0.592	0.5	3.33	1.61	No	0.5 Element Fault
SOU072	728	'7062475_/7062472'	1.5	2.43	3.33	0.592	0.3	3.33	1.61	No	0.3 Element Fault
SOU072	729	'7059922_/7059920'	1.73	2.4	3.33	0.592	0.2	3.33	1.61	No	0.2 Element Fault
SOU072	730	'43989222_/6783494'	1.43	2.27	3.33	0.592	0.3	3.33	1.61	No	0.3 Element Fault
SOU072	731	'7061343_/7061340'	2.87	4.87	6.67	1.176	1	6.67	3.21	No	1 Element Fault
SOU072	732	'7058811_/7058824'	1.47	2.4	3.33	0.592	0.3	3.33	1.61	No	0.3 Element Fault
SOU072	733	'7062539_/7062536'	1.7	2.4	3.33	0.592	0.2	3.33	1.61	No	0.2 Element Fault
SOU072	734	'6791426_/6791436'	1.43	2.3	3.33	0.592	0.5	3.33	1.61	No	0.5 Element Fault
SOU072	735	'44051066_/44051068'	1.5	2.27	3.33	0.592	0.53	3.33	1.61	No	0.53 Element Fault
SOU072	736	'7061358_/7061355'	2.8	4.67	6.67	1.176	1	6.67	3.21	No	1 Element Fault
SOU072	737	'7069155_/7069153_1'	1.5	2.23	3.33	0.592	0.53	3.33	1.61	No	0.53 Element Fault
SOU072	738	'44053226_/44053228'	1.47	2.37	3.33	0.592	0.3	3.33	1.61	No	0.3 Element Fault
SOU072	739	'44051148_/44051150'	1.67	2.33	3.33	0.592	0.2	3.33	1.61	No	0.2 Element Fault
SOU072	740	'7060017_/7060014'	1.57	2.27	3.33	0.592	0.53	3.33	1.61	No	0.53 Element Fault
SOU072	741	'6791413_/6791423'	1.4	2.27	3.33	0.592	0.5	3.33	1.61	No	0.5 Element Fault
SOU072	742	'6783510_/43989224'	1.37	2.17	3.33	0.592	0.3	3.33	1.61	No	0.3 Element Fault
SOU072	743	'7060069_/7067425'	1.43	2.33	3.33	0.592	0.3	3.33	1.61	No	0.3 Element Fault
SOU072	744	'7058810_/7058808'	1.4	2.27	3.33	0.592	0.3	3.33	1.61	No	0.3 Element Fault
SOU072	745	'7789527_/7789525_1'	1.67	2.47	3.33	0.592	0.1	3.33	1.61	No	0.1 Element Fault
SOU072	746	'6791400_/6791410'	1.37	2.23	3.33	0.592	0.5	3.33	1.61	No	0.5 Element Fault
SOU072	747	'7061373_/7061370'	2.67	4.53	6.67	1.176	1	6.67	3.21	No	1 Element Fault
SOU072	748	'44053504_/7069153_2'	1.5	2.17	3.33	0.592	0.53	3.33	1.61	No	0.53 Element Fault
SOU072	749	'7060056_/7060066'	1.4	2.3	3.33	0.592	0.3	3.33	1.61	No	0.3 Element Fault
SOU072	750	'6791384_/6791397'	1.37	2.2	3.33	0.592	0.5	3.33	1.61	No	0.5 Element Fault
SOU072	751	'7060140_/7068030'	1.57	2.23	3.33	0.592	0.2	3.33	1.61	No	0.2 Element Fault
SOU072	752	'7060030_/7060027'	1.5	2.17	3.33	0.592	0.53	3.33	1.61	No	0.53 Element Fault
SOU072	753	'6791371_/6791381'	1.33	2.17	3.33	0.592	0.5	3.33	1.61	No	0.5 Element Fault
SOU072	754	'6783523_/6783520'	1.3	2.07	3.33	0.592	0.3	3.33	1.61	No	0.3 Element Fault

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SOU072	755	'7060055_/_44051080'	1.37	2.23	3.33	0.592	0.3	3.33	1.61 No	0.3	Element Fault
SOU072	756	'7060042_/_7069169'	1.47	2.1	3.33	0.592	0.53	3.33	1.61 No	0.53	Element Fault
SOU072	757	'6791370_/_6791368'	1.3	2.13	3.33	0.592	0.5	3.33	1.61 No	0.5	Element Fault
SOU072	758	'44051460_/_7061385'	2.53	4.33	6.67	1.176	1	6.67	3.21 No	1	Element Fault
SOU072	759	'6783539_/_6783536'	1.27	2.03	3.33	0.592	0.3	3.33	1.61 No	0.3	Element Fault
SOU072	760	'7060139_/_7060137'	1.5	2.13	3.33	0.592	0.2	3.33	1.61 No	0.2	Element Fault
SOU072	761	'581756885_/_581756882'	1.3	2.1	3.33	0.592	0.5	3.33	1.61 No	0.5	Element Fault
SOU072	762	'7060043_/_7060040'	1.4	2.07	3.33	0.592	0.53	3.33	1.61 No	0.53	Element Fault
SOU072	763	'7061403_/_44051462'	2.4	4.13	6.67	1.176	1	6.67	3.21 No	1	Element Fault
SOU072	764	'44051137_/_44051139'	1.43	2.07	3.33	0.592	0.2	3.33	1.61 No	0.2	Element Fault
SOU072	765	'44051472_/_7061415'	2.27	3.93	6.67	1.176	1	6.67	3.21 No	1	Element Fault
SOU072	766	'7060127_/_7068056'	1.37	1.97	3.33	0.592	0.2	3.33	1.61 No	0.2	Element Fault
SOU072	767	'7060114_/_7060124'	1.33	1.9	3.33	0.592	0.2	3.33	1.61 No	0.2	Element Fault
SOU072	768	'44051485_/_44051474'	2.2	3.8	6.67	1.176	1	6.67	3.21 No	1	Element Fault
SOU072	769	'44051126_/_7060111'	1.27	1.87	3.33	0.592	0.2	3.33	1.61 No	0.2	Element Fault
SOU072	770	'44051497_/_7115347'	1.1	1.87	3.33	0.592	0.5	3.33	1.61 No	0.5	Element Fault
SOU072	771	'43999247_/_6831528'	1.1	1.83	3.33	0.592	0.5	3.33	1.61 No	0.5	Element Fault
SOU072	772	'44051114_/_440511116'	1.23	1.83	3.33	0.592	0.2	3.33	1.61 No	0.2	Element Fault
SOU072	773	'43999258_/_43999249'	1.1	1.77	3.33	0.592	0.5	3.33	1.61 No	0.5	Element Fault
SOU072	774	'44051103_/_440511105'	1.2	1.77	3.33	0.592	0.2	3.33	1.61 No	0.2	Element Fault
SOU072	775	'6831544_/_43999260'	1.07	1.73	3.33	0.592	0.5	3.33	1.61 No	0.5	Element Fault
SOU072	776	'6831569_/_6831554'	1.07	1.7	3.33	0.592	0.5	3.33	1.61 No	0.5	Element Fault
SOU072	777	'6831570_/_6831567'	1.03	1.7	3.33	0.592	0.5	3.33	1.61 No	0.5	Element Fault
SOU072	778	'6831518_/_6831580'	1.03	1.67	3.33	0.592	0.5	3.33	1.61 No	0.5	Element Fault
SOU072	779	'43999236_/_6831515'	1	1.63	3.33	0.592	0.5	3.33	1.61 No	0.5	Element Fault
SOU072	780	'44051089_/_44051093'	1.1	1.63	3.33	0.592	0.2	3.33	1.61 No	0.2	Element Fault
SOU072	781	'6831489_/_6831499'	0.97	1.6	3.33	0.592	0.5	3.33	1.61 No	0.5	Element Fault
SOU072	782	'7060084_/_7060082'	1.07	1.6	3.33	0.592	0.2	3.33	1.61 No	0.2	Element Fault
SOU072	783	'6831476_/_6831486'	0.97	1.57	3.33	0.592	0.5	3.33	1.61 No	0.5	Element Fault
SOU072	784	'43999225_/_43999227'	0.93	1.5	3.33	0.592	0.5	3.33	1.61 No	0.5	Element Fault
SOU072	785	'44900442_/_7115334'	0.9	1.47	3.33	0.592	0.5	3.33	1.61 No	0.5	Element Fault
SOU073	0	'SOU073_/_9353910'	10	10	10	0.664	10	10	7.12 No	0.664	Thermal Discharging
SOU073	1	'8094388_/_9353910'	10	10	10	0.664	10	10	7.12 No	0.664	Thermal Discharging
SOU073	2	'8094389_/_8094386'	10	10	10	0.664	10	10	7.12 No	0.664	Thermal Discharging
SOU073	3	'114649840_/_9078297_2'	10	10	10	0.664	10	10	7.12 No	0.664	Thermal Discharging
SOU073	4	'49208027_/_9078297_1'	10	10	10	0.664	10	10	7.12 No	0.664	Thermal Discharging
SOU073	5	'466270906_/_7113347'	10	10	10	0.664	10	10	7.12 No	0.664	Thermal Discharging
SOU073	6	'580051398_/_6758025'	10	10	10	0.664	10	10	7.12 No	0.664	Thermal Discharging
SOU073	7	'6758028_/_580051396'	10	10	10	0.664	10	10	7.12 No	0.664	Thermal Discharging
SOU073	8	'6758048_/_6758045'	10	10	10	0.664	10	10	7.12 No	0.664	Thermal Discharging
SOU073	9	'6746870_/_6758133'	10	10	10	0.664	10	10	7.12 No	0.664	Thermal Discharging
SOU073	10	'6746871_/_6746868'	10	10	10	0.664	10	10	7.12 No	0.664	Thermal Discharging
SOU073	11	'471503211_/_471503124_1'	10	10	10	0.664	1.5	10	7.12 No	0.664	Thermal Discharging
SOU073	12	'6746888_/_6746885'	10	10	10	0.664	10	10	7.12 No	0.664	Thermal Discharging
SOU073	13	'8404166_/_8404164_1'	10	10	10	0.664	1.6	10	7.12 No	0.664	Thermal Discharging
SOU073	14	'43981522_/_6746902'	10	10	10	0.664	10	10	7.12 No	0.664	Thermal Discharging
SOU073	15	'6746922_/_6746919'	10	10	10	0.664	10	10	7.12 No	0.664	Thermal Discharging
SOU073	16	'6746783_/_6746936'	10	10	10	0.664	10	10	7.12 No	0.664	Thermal Discharging
SOU073	17	'6746799_/_6746814_1'	10	10	10	0.664	1.5	10	7.12 No	0.664	Thermal Discharging
SOU073	18	'44069951_/_6746814_2'	10	10	10	0.664	1.5	10	7.12 No	0.664	Thermal Discharging
SOU073	19	'8404167_/_8404164_2'	10	10	10	0.664	1.6	10	7.12 No	0.664	Thermal Discharging
SOU073	20	'6746817_/_44069953'	10	10	10	0.664	1.5	10	7.12 No	0.664	Thermal Discharging
SOU073	21	'6746782_/_6746780'	10	10	10	0.664	10	10	7.12 No	0.664	Thermal Discharging
SOU073	22	'7460861_/_7774719_2'	10	10	10	0.664	1.5	10	7.12 No	0.664	Thermal Discharging
SOU073	23	'6746834_/_6746831'	10	10	10	0.664	1.5	10	7.12 No	0.664	Thermal Discharging
SOU073	24	'6747149_/_6760396'	10	10	10	0.664	10	10	7.12 No	0.664	Thermal Discharging
SOU073	25	'581450581_/_6746848'	10	10	10	0.664	1.5	10	7.12 No	0.664	Thermal Discharging
SOU073	26	'7774722_/_7774719_1'	10	10	10	0.664	0.9	10	7.12 No	0.664	Thermal Discharging
SOU073	27	'6747150_/_6747291_1'	6.67	6.67	6.67	0.44	1	6.67	4.74 No	0.44	Thermal Discharging
SOU073	28	'6758102_/_6758116'	10	10	10	0.664	10	10	7.12 No	0.664	Thermal Discharging
SOU073	29	'584691522_/_43981585'	10	10	10	0.664	1.5	10	7.12 No	0.664	Thermal Discharging
SOU073	30	'471503335_/_471503124_2'	10	10	10	0.664	1.5	10	7.12 No	0.664	Thermal Discharging
SOU073	31	'43981445_/_6758099'	10	10	10	0.664	10	10	7.12 No	0.664	Thermal Discharging
SOU073	32	'584691544_/_584691482'	10	10	10	0.664	1.5	10	7.12 No	0.664	Thermal Discharging
SOU073	33	'584691664_/_584691601_1'	10	10	10	0.664	0.9	10	7.12 No	0.664	Thermal Discharging
SOU073	34	'6745133_/_6758082'	10	10	10	0.664	10	10	7.12 No	0.664	Thermal Discharging
SOU073	35	'70258194_/_49207829'	10	10	10	0.664	10	10	7.12 No	0.664	Thermal Discharging
SOU073	36	'66411272_/_57492467_2'	3.33	3.33	3.33	0.224	0.5	3.33	2.37 No	0.224	Thermal Discharging
SOU073	37	'6745146_/_6745163_1'	10	10	10	0.664	1.5	10	7.12 No	0.664	Thermal Discharging
SOU073	38	'6758067_/_6758065'	10	10	10	0.664	10	10	7.12 No	0.664	Thermal Discharging
SOU073	39	'6759438_/_6760144'	10	10	10	0.664	10	10	7.12 No	0.664	Thermal Discharging
SOU073	40	'512312466_/_6745163_2'	10	10	10	0.664	1.5	10	7.12 No	0.664	Thermal Discharging
SOU073	41	'6755236_/_6759435'	10	10	10	0.664	10	10	7.12 No	0.664	Thermal Discharging
SOU073	42	'6755237_/_6755247_1'	3.33	3.33	3.33	0.224	0.5	3.33	2.37 No	0.224	Thermal Discharging
SOU073	43	'57492371_/_57492467_1'	3.33	3.33	3.33	0.224	0.3	3.33	2.37 No	0.224	Thermal Discharging
SOU073	44	'6759404_/_6759418'	10	10	10	0.664	10	10	7.12 No	0.664	Thermal Discharging
SOU073	45	'6755054_/_6759401'	10	10	10	0.664	10	10	7.12 No	0.664	Thermal Discharging
SOU073	46	'6755250_/_6755247_2'	3.33	3.33	3.33	0.224	0.5	3.33	2.37 No	0.224	Thermal Discharging
SOU073	47	'43984644_/_6747291_2'	6.67	6.67	6.67	0.44	1	6.67	4.74 No	0.44	Thermal Discharging
SOU073	48	'6755055_/_6755065_1'	3.33	3.33	3.33	0.224	0.5	3.33	2.37 No	0.224	Thermal Discharging
SOU073	49	'584691732_/_584691601_2'	10	10	10	0.664	0.9	10	7.12 No	0.664	Thermal Discharging
SOU073	50	'43981458_/_6745163_3'	10	10	10	0.664	1.5	10	7.12 No	0.664	Thermal Discharging
SOU073	51	'471503099_/_471503357'	10	10	10	0.664	1.5	10	7.12 No	0.664	Thermal Discharging
SOU073	52	'6759370_/_6759384'	10	10	10	0.664	10	10	7.12 No	0.664	Thermal Discharging
SOU073	53	'6752136_/_6755065_2'	3.33	3.33	3.33	0.224	0.5	3.33	2.37 No	0.224	Thermal Discharging
SOU073	54	'471503235_/_471503158_1'	10	10	10	0.664	1.6	10	7.12 No	0.664	Thermal Discharging
SOU073	55	'6759353_/_108503204'	10	10	10	0.664	10	10	7.12 No	0.664	Thermal Discharging
SOU073	56	'6754872_/_6759350'	10	10	10	0.664	10	10	7.12 No	0.664	Thermal Discharging
SOU073	57	'6755081_/_6755065_3'	3.33	3.33	3.33	0.224	0.5	3.33	2.37 No	0.224	Thermal Discharging
SOU073	58	'6752137_/_6752134'	3.33	3.33	3.33	0.224	0.5	3.33	2.37 No	0.224	Thermal Discharging
SOU073	59	'77112016_/_65121963_1'	10	10	10	0.664	1.6	10	7.12 No	0.664	Thermal Discharging
SOU073	60	'6759319_/_6759333'	10	10	10	0.664	10	10	7.12 No	0.664	Thermal Discharging
SOU073	61	'6759302_/_6759316'	10	10	10	0.664	10	10	7.12 No	0.664	Thermal Discharging
SOU073	62	'6745116_/_6745114'	3.33	3.33	3.33	0.224	0.5	3.33	2.37 No	0.224	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Over-Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SOU073	63	'43983249_/_6755247_3'	3.33	3.33	3.33	0.224	0.5	3.33	2.37 No	0.224	Thermal Discharging
SOU073	64	'390629383_/_65121963_2'	10	10	10	0.664	1.6	10	7.12 No	0.664	Thermal Discharging
SOU073	65	'43983227_/_6755091'	3.33	3.33	3.33	0.224	0.5	3.33	2.37 No	0.224	Thermal Discharging
SOU073	66	'6755197_/_6755273'	3.33	3.33	3.33	0.224	0.5	3.33	2.37 No	0.224	Thermal Discharging
SOU073	67	'6754713_/_6759299'	10	10	10	0.664	10	10	7.12 No	0.664	Thermal Discharging
SOU073	68	'43983043_/_43983045'	10	10	10	0.664	10	10	7.12 No	0.664	Thermal Discharging
SOU073	69	'43983216_/_6755000'	3.33	3.33	3.33	0.224	0.5	3.33	2.37 No	0.224	Thermal Discharging
SOU073	70	'6754714_/_6754737_1'	6.67	6.67	6.67	0.44	1	6.67	4.74 No	0.44	Thermal Discharging
SOU073	71	'6745183_/_6745180'	10	10	10	0.664	1.5	10	7.12 No	0.664	Thermal Discharging
SOU073	72	'6759265_/_6763487'	10	10	10	0.664	10	10	7.12 No	0.664	Thermal Discharging
SOU073	73	'77111863_/_65121963_3'	10	10	10	0.664	1.6	10	7.12 No	0.664	Thermal Discharging
SOU073	74	'6754555_/_6759262'	10	10	10	0.664	10	10	7.12 No	0.664	Thermal Discharging
SOU073	75	'6745253_/_6747306'	6.67	6.67	6.67	0.44	1	6.67	4.74 No	0.44	Thermal Discharging
SOU073	76	'6754727_/_6754737_2'	6.67	6.67	6.67	0.44	1	6.67	4.74 No	0.44	Thermal Discharging
SOU073	77	'580052957_/_6752218_1'	10	10	10	0.664	1.5	10	7.12 No	0.664	Thermal Discharging
SOU073	78	'6755107_/_43983229'	3.33	3.33	3.33	0.224	0.5	3.33	2.37 No	0.224	Thermal Discharging
SOU073	79	'6755016_/_6755013'	3.33	3.33	3.33	0.224	0.5	3.33	2.37 No	0.224	Thermal Discharging
SOU073	80	'6759228_/_6759242'	10	10	10	0.664	10	10	7.12 No	0.664	Thermal Discharging
SOU073	81	'6745200_/_6745197'	10	10	10	0.664	1.5	10	7.12 No	0.664	Thermal Discharging
SOU073	82	'580052932_/_6752218_2'	10	10	10	0.664	1.5	10	7.12 No	0.664	Thermal Discharging
SOU073	83	'6755198_/_6755195'	3.33	3.33	3.33	0.224	0.5	3.33	2.37 No	0.224	Thermal Discharging
SOU073	84	'6754455_/_6759225'	10	10	10	0.664	10	10	7.12 No	0.664	Thermal Discharging
SOU073	85	'6752120_/_6752218_3'	10	10	10	0.664	1.5	10	7.12 No	0.664	Thermal Discharging
SOU073	86	'6754430_/_6754440'	10	10	10	0.664	7.7	10	7.12 No	0.664	Thermal Discharging
SOU073	87	'622824918_/_6754427_1'	3.33	3.33	3.33	0.224	0.5	3.33	2.37 No	0.224	Thermal Discharging
SOU073	88	'6754472_/_6754482_1'	3.33	3.33	3.33	0.224	0.5	3.33	2.37 No	0.224	Thermal Discharging
SOU073	89	'6759194_/_6759208'	10	10	10	0.664	10	10	7.12 No	0.664	Thermal Discharging
SOU073	90	'6755289_/_6755286'	3.33	3.33	3.33	0.224	0.5	3.33	2.37 No	0.224	Thermal Discharging
SOU073	91	'6759177_/_6759191'	10	10	10	0.664	10	10	7.12 No	0.664	Thermal Discharging
SOU073	92	'43983067_/_6754427_2'	3.33	3.33	3.33	0.224	0.5	3.33	2.37 No	0.224	Thermal Discharging
SOU073	93	'6755029_/_6755026'	3.33	3.33	3.33	0.224	0.5	3.33	2.37 No	0.224	Thermal Discharging
SOU073	94	'6754899_/_6754883'	3.33	3.33	3.33	0.224	0.53	3.33	2.37 No	0.224	Thermal Discharging
SOU073	95	'43983238_/_6755117'	3.33	3.33	3.33	0.224	0.5	3.33	2.37 No	0.224	Thermal Discharging
SOU073	96	'6755211_/_6755208'	3.33	3.33	3.33	0.224	0.5	3.33	2.37 No	0.224	Thermal Discharging
SOU073	97	'6754228_/_6759174'	10	10	10	0.664	10	10	7.12 No	0.664	Thermal Discharging
SOU073	98	'43981434_/_43981436'	3.33	3.33	3.33	0.224	0.5	3.33	2.37 No	0.224	Thermal Discharging
SOU073	99	'6754229_/_6754239_1'	3.33	3.33	3.33	0.224	0.5	3.33	2.37 No	0.224	Thermal Discharging
SOU073	100	'6759143_/_6759157'	10	10	10	0.664	10	10	7.12 No	0.664	Thermal Discharging
SOU073	101	'6754740_/_6754737_3'	6.67	6.67	6.67	0.44	1	6.67	4.74 No	0.44	Thermal Discharging
SOU073	102	'6754404_/_6754414'	3.33	3.33	3.33	0.224	0.5	3.33	2.37 No	0.224	Thermal Discharging
SOU073	103	'488973416_/_6763504'	3.33	3.33	3.33	0.224	0.5	3.33	2.37 No	0.224	Thermal Discharging
SOU073	104	'6755042_/_6755039'	3.33	3.33	3.33	0.224	0.5	3.33	2.37 No	0.224	Thermal Discharging
SOU073	105	'6754160_/_6759140'	10	10	10	0.664	10	10	7.12 No	0.664	Thermal Discharging
SOU073	106	'67552107_/_6754239_2'	3.33	3.33	3.33	0.224	0.5	3.33	2.37 No	0.224	Thermal Discharging
SOU073	107	'6760370_/_6760367'	3.33	3.33	3.33	0.224	0.53	3.33	2.37 No	0.224	Thermal Discharging
SOU073	108	'6755133_/_6755130'	3.33	3.33	3.33	0.224	0.5	3.33	2.37 No	0.224	Thermal Discharging
SOU073	109	'6754391_/_6754401'	3.33	3.33	3.33	0.224	0.5	3.33	2.37 No	0.224	Thermal Discharging
SOU073	110	'6754161_/_6754158_1'	3.33	3.33	3.33	0.224	0.5	3.33	2.37 No	0.224	Thermal Discharging
SOU073	111	'70258426_/_6754573_1'	6.67	6.67	6.67	0.44	1	6.67	4.74 No	0.44	Thermal Discharging
SOU073	112	'43981471_/_6745214'	10	10	10	0.664	1.5	10	7.12 No	0.664	Thermal Discharging
SOU073	113	'6759106_/_6759123'	10	10	10	0.664	10	10	7.12 No	0.664	Thermal Discharging
SOU073	114	'580051376_/_580051374'	3.33	3.33	3.33	0.224	0.5	3.33	2.37 No	0.224	Thermal Discharging
SOU073	115	'43983091_/_6752117'	10	10	10	0.664	1.5	10	7.12 No	0.664	Thermal Discharging
SOU073	116	'43983115_/_6754573_2'	6.67	6.67	6.67	0.44	1	6.67	4.74 No	0.44	Thermal Discharging
SOU073	117	'43983056_/_6754388'	3.33	3.33	3.33	0.224	0.5	3.33	2.37 No	0.224	Thermal Discharging
SOU073	118	'580051362_/_580051360'	10	10	10	0.664	10	10	7.12 No	0.664	Thermal Discharging
SOU073	119	'6752093_/_6754158_2'	3.33	3.33	3.33	0.224	0.5	3.33	2.37 No	0.224	Thermal Discharging
SOU073	120	'6755146_/_6755143'	3.33	3.33	3.33	0.224	0.5	3.33	2.37 No	0.224	Thermal Discharging
SOU073	121	'6745254_/_6745251'	6.67	6.67	6.67	0.44	1	6.67	4.74 No	0.44	Thermal Discharging
SOU073	122	'127118289_/_6755221'	3.33	3.33	3.33	0.224	0.5	3.33	2.37 No	0.224	Thermal Discharging
SOU073	123	'6753827_/_6759086'	10	10	10	0.664	10	10	7.12 No	0.664	Thermal Discharging
SOU073	124	'6754485_/_6754482_2'	3.33	3.33	3.33	0.224	0.5	3.33	2.37 No	0.224	Thermal Discharging
SOU073	125	'6753828_/_6753838_1'	3.33	3.33	3.33	0.224	0.5	3.33	2.37 No	0.224	Thermal Discharging
SOU073	126	'6759055_/_6759069'	10	10	10	0.664	10	10	7.12 No	0.664	Thermal Discharging
SOU073	127	'43983139_/_6754750'	3.33	3.33	3.33	0.224	0.5	3.33	2.37 No	0.224	Thermal Discharging
SOU073	128	'6754365_/_6754375'	3.33	3.33	3.33	0.224	0.5	3.33	2.37 No	0.224	Thermal Discharging
SOU073	129	'43983260_/_6755299'	3.33	3.33	3.33	0.224	0.5	3.33	2.37 No	0.224	Thermal Discharging
SOU073	130	'488973339_/_6763517'	3.33	3.33	3.33	0.224	0.5	3.33	2.37 No	0.224	Thermal Discharging
SOU073	131	'43983172_/_6754909'	3.33	3.33	3.33	0.224	0.53	3.33	2.37 No	0.224	Thermal Discharging
SOU073	132	'6754255_/_6754239_3'	3.33	3.33	3.33	0.224	0.5	3.33	2.37 No	0.224	Thermal Discharging
SOU073	133	'6754066_/_6754362'	3.33	3.33	3.33	0.224	0.5	3.33	2.37 No	0.224	Thermal Discharging
SOU073	134	'6753736_/_6759052'	10	10	10	0.664	10	10	7.12 No	0.664	Thermal Discharging
SOU073	135	'6752094_/_6754158_3'	3.33	3.33	3.33	0.224	0.5	3.33	2.37 No	0.224	Thermal Discharging
SOU073	136	'6752081_/_6753838_2'	3.33	3.33	3.33	0.224	0.5	3.33	2.37 No	0.224	Thermal Discharging
SOU073	137	'6755159_/_6755156'	3.33	3.33	3.33	0.224	0.5	3.33	2.37 No	0.224	Thermal Discharging
SOU073	138	'6753737_/_6753747_1'	3.33	3.33	3.33	0.224	0.5	3.33	2.37 No	0.224	Thermal Discharging
SOU073	139	'6775402_/_7114418'	10	10	10	0.664	10	10	7.12 No	0.664	Thermal Discharging
SOU073	140	'43984611_/_43984613'	3.33	3.33	3.33	0.224	0.5	3.33	2.37 No	0.224	Thermal Discharging
SOU073	141	'6754053_/_6754063'	3.33	3.33	3.33	0.224	0.5	3.33	2.37 No	0.224	Thermal Discharging
SOU073	142	'6754610_/_6754607'	3.33	3.33	3.33	0.224	0.5	3.33	2.37 No	0.224	Thermal Discharging
SOU073	143	'127118268_/_127118293'	3.33	3.33	3.33	0.224	0.5	3.33	2.37 No	0.224	Thermal Discharging
SOU073	144	'6745269_/_6745266'	6.67	6.67	6.67	0.44	1	6.67	4.74 No	0.44	Thermal Discharging
SOU073	145	'6752065_/_6753747_2'	3.33	3.33	3.33	0.224	0.5	3.33	2.37 No	0.224	Thermal Discharging
SOU073	146	'6768165_/_6775399'	10	10	10	0.664	10	10	7.12 No	0.664	Thermal Discharging
SOU073	147	'43983010_/_6752104'	3.33	3.33	3.33	0.224	0.5	3.33	2.37 No	0.224	Thermal Discharging
SOU073	148	'43983104_/_6754495'	3.33	3.33	3.33	0.224	0.5	3.33	2.37 No	0.224	Thermal Discharging
SOU073	149	'43981485_/_43981473'	10	10	10	0.664	1.5	10	7.12 No	0.664	Thermal Discharging
SOU073	150	'654141959_/_654141963'	10	10	10	0.664	10	10	7.12 No	0.664	Thermal Discharging
SOU073	151	'473844967_/_473844818_1'	10	10	10	0.664	0.9	10	7.12 No	0.664	Thermal Discharging
SOU073	152	'6755172_/_6755169'	3.33	3.33	3.33	0.224	0.5	3.33	2.37 No	0.224	Thermal Discharging
SOU073	153	'654142026_/_6775382_2'	10	10	10	0.664	10	10	7.12 No	0.664	Thermal Discharging
SOU073	154	'6768166_/_6768180_1'	10	10	10	0.664	1.6	10	7.12 No	0.664	Thermal Discharging
SOU073	155	'6752187_/_398303662'	10	10	10	0.664	1.5	10	7.12 No	0.664	Thermal Discharging
SOU073	156	'43982999_/_43983001'	3.33	3.33	3.33	0.224	0.5	3.33	2.37 No	0.224	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SOU073	157	'43982977_/_6754050'	3.33	3.33	3.33	0.224	0.5	3.33	2.37 No	0.224	Thermal Discharging
SOU073	158	'6753857_/_6753838_3'	3.33	3.33	3.33	0.224	0.5	3.33	2.37 No	0.224	Thermal Discharging
SOU073	159	'6765683_/_6768180_2'	10	10	10	0.664	1.6	10	7.12 No	0.664	Thermal Discharging
SOU073	160	'6754766_/_43983141'	3.33	3.33	3.33	0.224	0.5	3.33	2.37 No	0.224	Thermal Discharging
SOU073	161	'43983021_/_6754265'	3.33	3.33	3.33	0.224	0.5	3.33	2.37 No	0.224	Thermal Discharging
SOU073	162	'6752064_/_6752062'	3.33	3.33	3.33	0.224	0.5	3.33	2.37 No	0.224	Thermal Discharging
SOU073	163	'6752080_/_6752078'	3.33	3.33	3.33	0.224	0.5	3.33	2.37 No	0.224	Thermal Discharging
SOU073	164	'43983417_/_6755182'	3.33	3.33	3.33	0.224	0.5	3.33	2.37 No	0.224	Thermal Discharging
SOU073	165	'6754336_/_6754333'	3.33	3.33	3.33	0.224	0.5	3.33	2.37 No	0.224	Thermal Discharging
SOU073	166	'6753763_/_6753747_3'	3.33	3.33	3.33	0.224	0.5	3.33	2.37 No	0.224	Thermal Discharging
SOU073	167	'6751847_/_6751845_1'	3.33	3.33	3.33	0.224	0.5	3.33	2.37 No	0.224	Thermal Discharging
SOU073	168	'6755315_/_43983262'	3.33	3.33	3.33	0.224	0.5	3.33	2.37 No	0.224	Thermal Discharging
SOU073	169	'8403772_/_473844818_2'	10	10	10	0.664	0.9	10	7.12 No	0.664	Thermal Discharging
SOU073	170	'43982884_/_6753721'	3.33	3.33	3.33	0.224	0.5	3.33	2.37 No	0.224	Thermal Discharging
SOU073	171	'6754779_/_6754776'	3.33	3.33	3.33	0.224	0.5	3.33	2.37 No	0.224	Thermal Discharging
SOU073	172	'43984622_/_6764088'	3.33	3.33	3.33	0.224	0.5	3.33	2.37 No	0.224	Thermal Discharging
SOU073	173	'127118357_/_127118272'	3.33	3.33	3.33	0.224	0.5	3.33	2.37 No	0.224	Thermal Discharging
SOU073	174	'6754623_/_6754620'	3.33	3.33	3.33	0.224	0.5	3.33	2.37 No	0.224	Thermal Discharging
SOU073	175	'6751848_/_6751845_2'	3.33	3.33	3.33	0.224	0.5	3.33	2.37 No	0.224	Thermal Discharging
SOU073	176	'6765232_/_6768180_3'	10	10	10	0.664	1.6	10	7.12 No	0.664	Thermal Discharging
SOU073	177	'6754925_/_43983174'	3.33	3.33	3.33	0.224	0.53	3.33	2.37 No	0.224	Thermal Discharging
SOU073	178	'6754511_/_6754508'	3.33	3.33	3.33	0.224	0.5	3.33	2.37 No	0.224	Thermal Discharging
SOU073	179	'6754203_/_6754213'	3.33	3.33	3.33	0.224	0.5	3.33	2.37 No	0.224	Thermal Discharging
SOU073	180	'43981498_/_6745281'	6.67	6.67	6.67	0.44	1	6.67	4.74 No	0.44	Thermal Discharging
SOU073	181	'6754135_/_6754145'	3.33	3.33	3.33	0.224	0.5	3.33	2.37 No	0.224	Thermal Discharging
SOU073	182	'43985666_/_43985668'	10	10	10	0.664	1.6	10	7.12 No	0.664	Thermal Discharging
SOU073	183	'43982917_/_6753896'	3.33	3.33	3.33	0.224	0.5	3.33	2.37 No	0.224	Thermal Discharging
SOU073	184	'580052634_/_6754346'	3.33	3.33	3.33	0.224	0.5	3.33	2.37 No	0.224	Thermal Discharging
SOU073	185	'6754281_/_43983023'	3.33	3.33	3.33	0.224	0.5	3.33	2.37 No	0.224	Thermal Discharging
SOU073	186	'6753698_/_6753708'	3.33	3.33	3.33	0.224	0.5	3.33	2.37 No	0.224	Thermal Discharging
SOU073	187	'6751861_/_6751858'	3.33	3.33	3.33	0.224	0.5	3.33	2.37 No	0.224	Thermal Discharging
SOU073	188	'6754792_/_6754789_1'	3.33	3.33	3.33	0.224	0.5	3.33	2.37 No	0.224	Thermal Discharging
SOU073	189	'6752170_/_6752184'	10	10	10	0.664	1.5	10	7.12 No	0.664	Thermal Discharging
SOU073	190	'6753870_/_6753867'	3.33	3.33	3.33	0.224	0.5	3.33	2.37 No	0.224	Thermal Discharging
SOU073	191	'6754527_/_6754524'	3.33	3.33	3.33	0.224	0.5	3.33	2.37 No	0.224	Thermal Discharging
SOU073	192	'6755328_/_6755325'	3.33	3.33	3.33	0.224	0.5	3.33	2.37 No	0.224	Thermal Discharging
SOU073	193	'43983150_/_6754789_2'	3.33	3.33	3.33	0.224	0.5	3.33	2.37 No	0.224	Thermal Discharging
SOU073	194	'43982895_/_43982897'	3.33	3.33	3.33	0.224	0.5	3.33	2.37 No	0.224	Thermal Discharging
SOU073	195	'6765233_/_6765230'	10	10	10	0.664	1.6	10	7.12 No	0.664	Thermal Discharging
SOU073	196	'6751877_/_6751874'	3.33	3.33	3.33	0.224	0.5	3.33	2.37 No	0.224	Thermal Discharging
SOU073	197	'6764103_/_43984624'	3.33	3.33	3.33	0.224	0.5	3.33	2.37 No	0.224	Thermal Discharging
SOU073	198	'43981510_/_6745299'	6.67	6.67	6.67	0.44	1	6.67	4.74 No	0.44	Thermal Discharging
SOU073	199	'43982988_/_43982990'	3.33	3.33	3.33	0.224	0.5	3.33	2.37 No	0.224	Thermal Discharging
SOU073	200	'6745302_/_8720244_1'	6.67	6.67	6.67	0.44	0.6	6.67	4.74 No	0.44	Thermal Discharging
SOU073	201	'43983183_/_6754935'	3.33	3.33	3.33	0.224	0.53	3.33	2.37 No	0.224	Thermal Discharging
SOU073	202	'580053061_/_6754540'	3.33	3.33	3.33	0.224	0.5	3.33	2.37 No	0.224	Thermal Discharging
SOU073	203	'6754190_/_6754200'	3.33	3.33	3.33	0.224	0.5	3.33	2.37 No	0.224	Thermal Discharging
SOU073	204	'6768132_/_6768146'	10	10	10	0.664	1.6	10	7.12 No	0.664	Thermal Discharging
SOU073	205	'6754294_/_6754291'	3.33	3.33	3.33	0.224	0.5	3.33	2.37 No	0.224	Thermal Discharging
SOU073	206	'43983128_/_6754633'	3.33	3.33	3.33	0.224	0.5	3.33	2.37 No	0.224	Thermal Discharging
SOU073	207	'43982873_/_43982875'	3.33	3.33	3.33	0.224	0.5	3.33	2.37 No	0.224	Thermal Discharging
SOU073	208	'6764104_/_6764101'	3.33	3.33	3.33	0.224	0.5	3.33	2.37 No	0.224	Thermal Discharging
SOU073	209	'6753912_/_43982919'	3.33	3.33	3.33	0.224	0.5	3.33	2.37 No	0.224	Thermal Discharging
SOU073	210	'43983428_/_6751887'	3.33	3.33	3.33	0.224	0.5	3.33	2.37 No	0.224	Thermal Discharging
SOU073	211	'43983078_/_43983080'	10	10	10	0.664	1.5	10	7.12 No	0.664	Thermal Discharging
SOU073	212	'6755341_/_6755338'	3.33	3.33	3.33	0.224	0.5	3.33	2.37 No	0.224	Thermal Discharging
SOU073	213	'6768112_/_6768129'	10	10	10	0.664	1.6	10	7.12 No	0.664	Thermal Discharging
SOU073	214	'6753886_/_6753883'	3.33	3.33	3.33	0.224	0.5	3.33	2.37 No	0.224	Thermal Discharging
SOU073	215	'6753789_/_6753799'	3.33	3.33	3.33	0.224	0.5	3.33	2.37 No	0.224	Thermal Discharging
SOU073	216	'580053192_/_580051388'	3.33	3.33	3.33	0.224	0.5	3.33	2.37 No	0.224	Thermal Discharging
SOU073	217	'6754805_/_43983152'	3.33	3.33	3.33	0.224	0.5	3.33	2.37 No	0.224	Thermal Discharging
SOU073	218	'6754109_/_6754119'	3.33	3.33	3.33	0.224	0.5	3.33	2.37 No	0.224	Thermal Discharging
SOU073	219	'6751903_/_6751900'	3.33	3.33	3.33	0.224	0.5	3.33	2.37 No	0.224	Thermal Discharging
SOU073	220	'6753672_/_6753682'	3.33	3.33	3.33	0.224	0.5	3.33	2.37 No	0.224	Thermal Discharging
SOU073	221	'6754649_/_6754646'	3.33	3.33	3.33	0.224	0.5	3.33	2.37 No	0.224	Thermal Discharging
SOU073	222	'6754951_/_43983185'	3.33	3.33	3.33	0.224	0.53	3.33	2.37 No	0.224	Thermal Discharging
SOU073	223	'6754189_/_6754187'	3.33	3.33	3.33	0.224	0.5	3.33	2.37 No	0.224	Thermal Discharging
SOU073	224	'43985760_/_6765247'	10	10	10	0.664	1.6	10	7.12 No	0.664	Thermal Discharging
SOU073	225	'6752150_/_6752147'	10	10	10	0.664	1.5	10	7.12 No	0.664	Thermal Discharging
SOU073	226	'6754307_/_6754304'	3.33	3.33	3.33	0.224	0.5	3.33	2.37 No	0.224	Thermal Discharging
SOU073	227	'6753776_/_6753786'	3.33	3.33	3.33	0.224	0.5	3.33	2.37 No	0.224	Thermal Discharging
SOU073	228	'6753925_/_6753922'	3.33	3.33	3.33	0.224	0.5	3.33	2.37 No	0.224	Thermal Discharging
SOU073	229	'43985653_/_43985655'	10	10	10	0.664	1.6	10	7.12 No	0.664	Thermal Discharging
SOU073	230	'6754320_/_6754317'	3.33	3.33	3.33	0.224	0.5	3.33	2.37 No	0.224	Thermal Discharging
SOU073	231	'6751916_/_6751913'	3.33	3.33	3.33	0.224	0.5	3.33	2.37 No	0.224	Thermal Discharging
SOU073	232	'43984578_/_6763588'	3.33	3.33	3.33	0.224	0.5	3.33	2.37 No	0.224	Thermal Discharging
SOU073	233	'6753938_/_6753935'	3.33	3.33	3.33	0.224	0.5	3.33	2.37 No	0.224	Thermal Discharging
SOU073	234	'6754818_/_6754815'	3.33	3.33	3.33	0.224	0.5	3.33	2.37 No	0.224	Thermal Discharging
SOU073	235	'6754964_/_6754961'	3.33	3.33	3.33	0.224	0.53	3.33	2.37 No	0.224	Thermal Discharging
SOU073	236	'6752264_/_6753773'	3.33	3.33	3.33	0.224	0.5	3.33	2.37 No	0.224	Thermal Discharging
SOU073	237	'6767586_/_6768092'	10	10	10	0.664	1.6	10	7.12 No	0.664	Thermal Discharging
SOU073	238	'6765267_/_6765264'	10	10	10	0.664	1.6	10	7.12 No	0.664	Thermal Discharging
SOU073	239	'8720247_/_8720244_2'	5.4	6.67	6.67	0.44	0.6	6.67	4.74 No	0.44	Thermal Discharging
SOU073	240	'6754662_/_6754659'	3.33	3.33	3.33	0.224	0.5	3.33	2.37 No	0.224	Thermal Discharging
SOU073	241	'6754096_/_6754106'	3.33	3.33	3.33	0.224	0.5	3.33	2.37 No	0.224	Thermal Discharging
SOU073	242	'6753994_/_6754076'	10	10	10	0.664	1.5	10	7.12 No	0.664	Thermal Discharging
SOU073	243	'6754831_/_6754828'	3.33	3.33	3.33	0.224	0.5	3.33	2.37 No	0.224	Thermal Discharging
SOU073	244	'6765284_/_6765281'	10	10	10	0.664	1.6	10	7.12 No	0.664	Thermal Discharging
SOU073	245	'6751929_/_6751926'	3.33	3.33	3.33	0.224	0.5	3.33	2.37 No	0.224	Thermal Discharging
SOU073	246	'6752263_/_6752261'	3.33	3.33	3.33	0.224	0.5	3.33	2.37 No	0.224	Thermal Discharging
SOU073	247	'6767569_/_6767583'	10	10	10	0.664	1.6	10	7.12 No	0.664	Thermal Discharging
SOU073	248	'6763604_/_43984580'	3.33	3.33	3.33	0.224	0.5	3.33	2.37 No	0.224	Thermal Discharging
SOU073	249	'119301737_/_6754093'	3.33	3.33	3.33	0.224	0.5	3.33	2.37 No	0.224	Thermal Discharging
SOU073	250	'6754675_/_6754672'	3.33	3.33	3.33	0.224	0.5	3.33	2.37 No	0.224	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SOU073	251	'43983194_/_6754974'	3.33		3.33	3.33	0.224	0.53	3.33	2.37 No	0.224 Thermal Discharging
SOU073	252	'43985493_/_6767566'	10		10	10	0.664	1.6	10	7.12 No	0.664 Thermal Discharging
SOU073	253	'43983439_/_6751939'	3.33		3.33	3.33	0.224	0.5	3.33	2.37 No	0.224 Thermal Discharging
SOU073	254	'43983161_/_6754844'	3.33		3.33	3.33	0.224	0.5	3.33	2.37 No	0.224 Thermal Discharging
SOU073	255	'6753977_/_6753991'	10		10	10	0.664	1.5	10	7.12 No	0.664 Thermal Discharging
SOU073	256	'6765304_/_6765301'	3.33		3.33	3.33	0.224	0.53	3.33	2.37 No	0.224 Thermal Discharging
SOU073	257	'6763617_/_6763614'	3.33		3.33	3.33	0.224	0.5	3.33	2.37 No	0.224 Thermal Discharging
SOU073	258	'6765333_/_6765330'	10		10	10	0.664	1.6	10	7.12 No	0.664 Thermal Discharging
SOU073	259	'6754688_/_6754685'	3.33		3.33	3.33	0.224	0.5	3.33	2.37 No	0.224 Thermal Discharging
SOU073	260	'6767391_/_6767408'	10		10	10	0.664	1.6	10	7.12 No	0.664 Thermal Discharging
SOU073	261	'6765317_/_6765314'	3.33		3.33	3.33	0.224	0.53	3.33	2.37 No	0.224 Thermal Discharging
SOU073	262	'6754990_/_6754987'	3.33		3.33	3.33	0.224	0.53	3.33	2.37 No	0.224 Thermal Discharging
SOU073	263	'6751955_/_43983441'	3.33		3.33	3.33	0.224	0.5	3.33	2.37 No	0.224 Thermal Discharging
SOU073	264	'43982939_/_6753974'	7		10	10	0.664	1.5	10	7.12 No	0.664 Thermal Discharging
SOU073	265	'6754860_/_43983163'	2.8		3.33	3.33	0.224	0.5	3.33	2.37 No	0.224 Thermal Discharging
SOU073	266	'7114438_/_7114435'	3.33		3.33	3.33	0.224	0.53	3.33	2.37 No	0.224 Thermal Discharging
SOU073	267	'43983272_/_6754698'	3.03		3.33	3.33	0.224	0.5	3.33	2.37 No	0.224 Thermal Discharging
SOU073	268	'43984589_/_6763627'	2.2		3.33	3.33	0.224	0.5	3.33	2.37 No	0.224 Thermal Discharging
SOU073	269	'43983450_/_6751965'	3.33		3.33	3.33	0.224	0.5	3.33	2.37 No	0.224 Thermal Discharging
SOU073	270	'6765353_/_6765350'	10		10	10	0.664	1.6	10	7.12 No	0.664 Thermal Discharging
SOU073	271	'6767390_/_6767388'	10		10	10	0.664	1.6	10	7.12 No	0.664 Thermal Discharging
SOU073	272	'6751652_/_6755562'	2.4		3.33	3.33	0.224	0.53	3.33	2.37 No	0.224 Thermal Discharging
SOU073	273	'6755383_/_6755380'	2.3		3.33	3.33	0.224	0.5	3.33	2.37 No	0.224 Thermal Discharging
SOU073	274	'6755354_/_6755351'	2.33		3.33	3.33	0.224	0.5	3.33	2.37 No	0.224 Thermal Discharging
SOU073	275	'43985773_/_6765370'	7		10	10	0.664	1.6	10	7.12 No	0.664 Thermal Discharging
SOU073	276	'6765373_/_8739436_1'	7		10	10	0.664	0.9	10	7.12 No	0.664 Thermal Discharging
SOU073	277	'6760468_/_43983452'	3.33		3.33	3.33	0.224	0.5	3.33	2.37 No	0.224 Thermal Discharging
SOU073	278	'6760206_/_6763640'	1.87		3.33	3.33	0.224	0.5	3.33	2.37 No	0.224 Thermal Discharging
SOU073	279	'7113634_/_43982941'	5		10	10	0.664	1.5	10	7.12 No	0.664 Thermal Discharging
SOU073	280	'43983317_/_6755393'	2		3.33	3.33	0.224	0.5	3.33	2.37 No	0.224 Thermal Discharging
SOU073	281	'43976809_/_7114024'	7.2		10	10	0.664	1.6	10	7.12 No	0.664 Thermal Discharging
SOU073	282	'6751653_/_6751650'	2		3.33	3.33	0.224	0.53	3.33	2.37 No	0.224 Thermal Discharging
SOU073	283	'453927754_/_6760204'	1.77		3.33	3.33	0.224	0.5	3.33	2.37 No	0.224 Thermal Discharging
SOU073	284	'43983282_/_6755364'	1.97		3.33	3.33	0.224	0.5	3.33	2.37 No	0.224 Thermal Discharging
SOU073	285	'6751980_/_6760478'	3.33		3.33	3.33	0.224	0.5	3.33	2.37 No	0.224 Thermal Discharging
SOU073	286	'43977451_/_43977453'	6		10	10	0.664	1.6	10	7.12 No	0.664 Thermal Discharging
SOU073	287	'43983361_/_6760829'	1.83		3.33	3.33	0.224	0.53	3.33	2.37 No	0.224 Thermal Discharging
SOU073	288	'6760207_/_453927756'	1.63		3.33	3.33	0.224	0.5	3.33	2.37 No	0.224 Thermal Discharging
SOU073	289	'6755409_/_43983319'	1.73		3.33	3.33	0.224	0.5	3.33	2.37 No	0.224 Thermal Discharging
SOU073	290	'43983293_/_6752248'	1.8		3.33	3.33	0.224	0.5	3.33	2.37 No	0.224 Thermal Discharging
SOU073	291	'422172316_/_422172313'	5.5		10	10	0.664	1.6	10	7.12 No	0.664 Thermal Discharging
SOU073	292	'422172403_/_422172337_1'	5.5		10	10	0.664	0.9	10	7.12 No	0.664 Thermal Discharging
SOU073	293	'6752251_/_7460743_1'	1.8		3.33	3.33	0.224	0.3	3.33	2.37 No	0.224 Thermal Discharging
SOU073	294	'6760220_/_6760217'	1.57		3.33	3.33	0.224	0.5	3.33	2.37 No	0.224 Thermal Discharging
SOU073	295	'6751981_/_6751978'	2.2		3.33	3.33	0.224	0.5	3.33	2.37 No	0.224 Thermal Discharging
SOU073	296	'6751665_/_6760842'	1.67		3.33	3.33	0.224	0.53	3.33	2.37 No	0.224 Thermal Discharging
SOU073	297	'43983328_/_6755419'	1.6		3.33	3.33	0.224	0.5	3.33	2.37 No	0.224 Thermal Discharging
SOU073	298	'6760429_/_6760426'	1.43		3.33	3.33	0.224	0.5	3.33	2.37 No	0.224 Thermal Discharging
SOU073	299	'6755435_/_6755432'	1.5		3.33	3.33	0.224	0.5	3.33	2.37 No	0.224 Thermal Discharging
SOU073	300	'6751994_/_6751991'	1.87		3.33	3.33	0.224	0.5	3.33	2.37 No	0.224 Thermal Discharging
SOU073	301	'6755448_/_6755445'	1.43		3.33	3.33	0.224	0.5	3.33	2.37 No	0.224 Thermal Discharging
SOU073	302	'43984000_/_6760439'	1.37		3.33	3.33	0.224	0.5	3.33	2.37 No	0.224 Thermal Discharging
SOU073	303	'6760442_/_6760452_1'	1.33		3.33	3.33	0.224	0.5	3.33	2.37 No	0.224 Thermal Discharging
SOU073	304	'6751666_/_6751663'	1.43		3.33	3.33	0.224	0.53	3.33	2.37 No	0.224 Thermal Discharging
SOU073	305	'9668291_/_422172337_2'	4.1		10	10	0.664	0.9	10	7.12 No	0.664 Thermal Discharging
SOU073	306	'7460746_/_7460743_2'	1.3		3.33	3.33	0.224	0.3	3.33	2.37 No	0.224 Thermal Discharging
SOU073	307	'6760415_/_6760452_2'	1.27		3.33	3.33	0.224	0.5	3.33	2.37 No	0.224 Thermal Discharging
SOU073	308	'6755461_/_6755458'	1.3		3.33	3.33	0.224	0.5	3.33	2.37 No	0.224 Thermal Discharging
SOU073	309	'6751679_/_6751676'	1.33		3.33	3.33	0.224	0.53	3.33	2.37 No	0.224 Thermal Discharging
SOU073	310	'8739439_/_8739436_2'	3.6		10	10	0.664	0.9	10	7.12 No	0.664 Thermal Discharging
SOU073	311	'43983339_/_6755471'	1.23		3.33	3.33	0.224	0.5	3.33	2.37 No	0.224 Thermal Discharging
SOU073	312	'6752009_/_6760413'	1.17		3.33	3.33	0.224	0.5	3.33	2.37 No	0.224 Thermal Discharging
SOU073	313	'43983372_/_6751689'	1.23		3.33	3.33	0.224	0.53	3.33	2.37 No	0.224 Thermal Discharging
SOU073	314	'6755474_/_6755484_1'	1.2		3.33	3.33	0.224	0.5	3.33	2.37 No	0.224 Thermal Discharging
SOU073	315	'6752010_/_6752007'	1.13		3.33	3.33	0.224	0.5	3.33	2.37 No	0.224 Thermal Discharging
SOU073	316	'6755487_/_6755484_2'	1.17		3.33	3.33	0.224	0.5	3.33	2.37 No	0.224 Thermal Discharging
SOU073	317	'6752023_/_6752020'	1.07		3.33	3.33	0.224	0.5	3.33	2.37 No	0.224 Thermal Discharging
SOU073	318	'43983384_/_43983374'	1.13		3.33	3.33	0.224	0.53	3.33	2.37 No	0.224 Thermal Discharging
SOU073	319	'6755500_/_6755497'	1.1		3.33	3.33	0.224	0.5	3.33	2.37 No	0.224 Thermal Discharging
SOU073	320	'43984633_/_6764143'	1.03		3.33	3.33	0.224	0.5	3.33	2.37 No	0.224 Thermal Discharging
SOU073	321	'43984044_/_6760855'	1.03		3.33	3.33	0.224	0.5	3.33	2.37 No	0.224 Thermal Discharging
SOU073	322	'6752035_/_6764156'	1		3.33	3.33	0.224	0.5	3.33	2.37 No	0.224 Thermal Discharging
SOU073	323	'6751718_/_6751715'	1.03		3.33	3.33	0.224	0.53	3.33	2.37 No	0.224 Thermal Discharging
SOU073	324	'6752036_/_6752033'	0.97		3.33	3.33	0.224	0.5	3.33	2.37 No	0.224 Thermal Discharging
SOU073	325	'6755512_/_6760868'	0.97		3.33	3.33	0.224	0.5	3.33	2.37 No	0.224 Thermal Discharging
SOU073	326	'6751731_/_6751728'	0.97		3.33	3.33	0.224	0.53	3.33	2.37 No	0.224 Thermal Discharging
SOU073	327	'6755513_/_6755510'	0.93		3.33	3.33	0.224	0.5	3.33	2.37 No	0.224 Thermal Discharging
SOU073	328	'6752052_/_6752049'	0.9		3.33	3.33	0.224	0.5	3.33	2.37 No	0.224 Thermal Discharging
SOU073	329	'43983350_/_6755523'	0.9		3.33	3.33	0.224	0.5	3.33	2.37 No	0.224 Thermal Discharging
SOU073	330	'6751744_/_6751741'	0.9		3.33	3.33	0.224	0.53	3.33	2.37 No	0.224 Thermal Discharging
SOU073	331	'6755526_/_6755536_1'	0.87		3.33	3.33	0.224	0.5	3.33	2.37 No	0.224 Thermal Discharging
SOU073	332	'6755539_/_6755536_2'	0.87		3.33	3.33	0.224	0.5	3.33	2.37 No	0.224 Thermal Discharging
SOU073	333	'43983395_/_6751754'	0.87		3.33	3.33	0.224	0.53	3.33	2.37 No	0.224 Thermal Discharging
SOU073	334	'6755552_/_6755549'	0.83		3.33	3.33	0.224	0.5	3.33	2.37 No	0.224 Thermal Discharging
SOU073	335	'6751770_/_43983397'	0.83		3.33	3.33	0.224	0.53	3.33	2.37 No	0.224 Thermal Discharging
SOU073	336	'6757308_/_6757792'	0.8		3.33	3.33	0.224	0.5	3.33	2.37 No	0.224 Thermal Discharging
SOU073	337	'6751783_/_6751780'	0.8		3.33	3.33	0.224	0.53	3.33	2.37 No	0.224 Thermal Discharging
SOU073	338	'6757309_/_6757306'	0.77		3.33	3.33	0.224	0.5	3.33	2.37 No	0.224 Thermal Discharging
SOU073	339	'43983406_/_6751793'	0.73		3.33	3.33	0.224	0.53	3.33	2.37 No	0.224 Thermal Discharging
SOU073	340	'6751809_/_43983408'	0.7		3.33	3.33	0.224	0.53	3.33	2.37 No	0.224 Thermal Discharging
SOU073	341	'6751822_/_6751819'	0.67		3.33	3.33	0.224	0.53	3.33	2.37 No	0.224 Thermal Discharging
SOU073	342	'6751835_/_6751832'	0.67		3.33	3.33	0.224	0.53	3.33	2.37 No	0.224 Thermal Discharging
SOU073	343	'6757373_/_6757808'	0.63		3.33	3.33	0.224	0.53	3.33	2.37 No	0.224 Thermal Discharging
SOU073	344	'580052878_/_6757371'	0.6		3.33	3.33	0.224	0.53	3.33	2.37 No	0.224 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SOU075		0 'SOU075'/_/9667754'		10	10	10	1.76	10	10	No	1.76 Thermal Discharging
SOU075		1 '9667617'/_/9667754'		10	10	10	1.76	10	10	5.38 No	1.76 Thermal Discharging
SOU075		2 '9353512'/_/9667614'		10	10	10	1.76	10	10	5.38 No	1.76 Thermal Discharging
SOU075		3 '8402478'/_/9353510'		10	10	10	1.76	10	10	5.38 No	1.76 Thermal Discharging
SOU075		4 '8094308'/_/8402476'		10	10	10	1.76	10	10	5.38 No	1.76 Thermal Discharging
SOU075		5 '8094309'/_/8094306'		10	10	10	1.76	10	10	5.38 No	1.76 Thermal Discharging
SOU075		6 '7461065'/_/9684454'		10	10	10	1.76	10	10	5.38 No	1.76 Thermal Discharging
SOU075		7 '7461066'/_/460495688'		10	10	10	1.76	10	10	5.38 No	1.76 Thermal Discharging
SOU075		8 '8404027'/_/8404024'		10	10	10	1.76	10	10	5.38 No	1.76 Thermal Discharging
SOU075		9 '7774661'/_/8723148'		10	10	10	1.76	10	10	5.38 No	1.76 Thermal Discharging
SOU075		10 '7774662'/_/7774659'		10	10	10	1.76	10	10	5.38 No	1.76 Thermal Discharging
SOU075		11 '453422698'/_/453422722'		10	10	10	1.76	10	10	5.38 No	1.76 Thermal Discharging
SOU075		12 '8739458'/_/8739456'		10	10	10	1.76	10	10	5.38 No	1.76 Thermal Discharging
SOU075		13 '6774732'/_/9040751_1'		10	10	10	1.76	10	10	5.38 No	1.76 Thermal Discharging
SOU075		14 '43985434'/_/9040751_2'		10	10	10	1.76	10	10	5.38 No	1.76 Thermal Discharging
SOU075		15 '6774661'/_/6774729'		10	10	10	1.76	10	10	5.38 No	1.76 Thermal Discharging
SOU075		16 '43985166'/_/6774675'		10	10	10	1.76	10	10	5.38 No	1.76 Thermal Discharging
SOU075		17 '6774644'/_/6774658'		10	10	10	1.76	10	10	5.38 No	1.76 Thermal Discharging
SOU075		18 '6774695'/_/6774692'		10	10	10	1.76	10	10	5.38 No	1.76 Thermal Discharging
SOU075		19 '43985153'/_/43985155'		10	10	10	1.76	10	10	5.38 No	1.76 Thermal Discharging
SOU075		20 '6774337'/_/6774709'		10	10	10	1.76	10	10	5.38 No	1.76 Thermal Discharging
SOU075		21 '6774610'/_/6774624'		10	10	10	1.76	10	10	5.38 No	1.76 Thermal Discharging
SOU075		22 '6774338'/_/6774335_1'		10	10	10	1.76	10	10	5.38 No	1.76 Thermal Discharging
SOU075		23 '43984725'/_/6774335_2'		10	10	10	1.76	10	10	5.38 No	1.76 Thermal Discharging
SOU075		24 '6774593'/_/6774607'		10	10	10	1.76	10	10	5.38 No	1.76 Thermal Discharging
SOU075		25 '43985140'/_/6774590'		10	10	10	1.76	10	10	5.38 No	1.76 Thermal Discharging
SOU075		26 '6781516'/_/43984727'		10	10	10	1.76	10	10	5.38 No	1.76 Thermal Discharging
SOU075		27 '6780830'/_/6781090'		10	10	10	1.76	10	10	5.38 No	1.76 Thermal Discharging
SOU075		28 '6774354'/_/6781530'		10	10	10	1.76	10	10	5.38 No	1.76 Thermal Discharging
SOU075		29 '6774575'/_/6781073'		10	10	10	1.76	10	10	5.38 No	1.76 Thermal Discharging
SOU075		30 '390100701'/_/6780811_1'	3.33	3.33	3.33	0.59	0.7	3.33	1.79 No	0.59 Thermal Discharging	
SOU075		31 '43984738'/_/6774352'		10	10	10	1.76	10	10	5.38 No	1.76 Thermal Discharging
SOU075		32 '6781039'/_/6781053'		10	10	10	1.76	10	10	5.38 No	1.76 Thermal Discharging
SOU075		33 '7461234'/_/7461251_1'		10	10	10	1.76	1.4	10	5.38 No	1.4 Element Fault
SOU075		34 '6774372'/_/43984740'		10	10	10	1.76	10	10	5.38 No	1.76 Thermal Discharging
SOU075		35 '6765167'/_/6774573'		10	10	10	1.76	10	10	5.38 No	1.76 Thermal Discharging
SOU075		36 '6780842'/_/6781036'		10	10	10	1.76	10	10	5.38 No	1.76 Thermal Discharging
SOU075		37 '55004064'/_/7179096'		10	10	10	1.76	10	10	5.38 No	1.76 Thermal Discharging
SOU075		38 '6765030'/_/6780840'		10	10	10	1.76	10	10	5.38 No	1.76 Thermal Discharging
SOU075		39 '6774389'/_/6774386'		10	10	10	1.76	10	10	5.38 No	1.76 Thermal Discharging
SOU075		40 '6774806'/_/6774803'		10	10	10	1.76	10	10	5.38 No	1.76 Thermal Discharging
SOU075		41 '6780713'/_/6781016'		10	10	10	1.76	10	10	5.38 No	1.76 Thermal Discharging
SOU075		42 '6774406'/_/6774403'		10	10	10	1.76	10	10	5.38 No	1.76 Thermal Discharging
SOU075		43 '399556002'/_/594781112_2'		10	10	10	1.76	5.1	10	5.38 No	1.76 Thermal Discharging
SOU075		44 '6765168'/_/6781487_1'	3.33	3.33	3.33	0.59	0.8	3.33	1.79 No	0.59 Thermal Discharging	
SOU075		45 '6765031'/_/6765041_1'	3.33	3.33	3.33	0.59	0.5	3.33	1.79 No	0.5 Element Fault	
SOU075		46 '7461254'/_/7461251_2'	10	10	10	1.76	1.4	10	10	5.38 No	1.4 Element Fault
SOU075		47 '6774423'/_/6774420_1'	10	10	10	1.76	10	10	10	5.38 No	1.76 Thermal Discharging
SOU075		48 '43988673'/_/43988673'	10	10	10	1.76	10	10	10	5.38 No	1.76 Thermal Discharging
SOU075		49 '43984751'/_/6774420_2'	10	10	10	1.76	10	10	10	5.38 No	1.76 Thermal Discharging
SOU075		50 '6774440'/_/43984753'	10	10	10	1.76	10	10	10	5.38 No	1.76 Thermal Discharging
SOU075		51 '128949129'/_/6776784_1'	6.67	6.67	6.67	0.14	4	6.67	3.59 No	0.14 Thermal Discharging	
SOU075		52 '6780695'/_/6780693'	10	10	10	1.76	10	10	10	5.38 No	1.76 Thermal Discharging
SOU075		53 '43984764'/_/6774454'	10	10	10	1.76	10	10	10	5.38 No	1.76 Thermal Discharging
SOU075		54 '43984777'/_/6774471'	10	10	10	1.76	10	10	10	5.38 No	1.76 Thermal Discharging
SOU075		55 '43988658'/_/6780996'	10	10	10	1.76	10	10	10	5.38 No	1.76 Thermal Discharging
SOU075		56 '43988776'/_/6781487_2'	3.33	3.33	3.33	0.59	0.8	3.33	1.79 No	0.59 Thermal Discharging	
SOU075		57 '390100695'/_/6780811_2'	3.33	3.33	3.33	0.59	0.7	3.33	1.79 No	0.59 Thermal Discharging	
SOU075		58 '6774491'/_/6774488'	10	10	10	1.76	10	10	10	5.38 No	1.76 Thermal Discharging
SOU075		59 '6780925'/_/6780939'	10	10	10	1.76	10	10	10	5.38 No	1.76 Thermal Discharging
SOU075		60 '6780924'/_/6780922'	10	10	10	1.76	10	10	10	5.38 No	1.76 Thermal Discharging
SOU075		61 '6774508'/_/6774505'	10	10	10	1.76	10	10	10	5.38 No	1.76 Thermal Discharging
SOU075		62 '6780959'/_/6780956'	10	10	10	1.76	10	10	10	5.38 No	1.76 Thermal Discharging
SOU075		63 '6780905'/_/6781144'	10	10	10	1.76	10	10	10	5.38 No	1.76 Thermal Discharging
SOU075		64 '43984701'/_/6774522'	10	10	10	1.76	10	10	10	5.38 No	1.76 Thermal Discharging
SOU075		65 '43988645'/_/6780902'	10	10	10	1.76	10	10	10	5.38 No	1.76 Thermal Discharging
SOU075		66 '6774306'/_/43984703'	10	10	10	1.76	10	10	10	5.38 No	1.76 Thermal Discharging
SOU075		67 '6780732'/_/6780979'	10	10	10	1.76	10	10	10	5.38 No	1.76 Thermal Discharging
SOU075		68 '6765044'/_/6765041_2'	3.33	3.33	3.33	0.59	0.5	3.33	1.79 No	0.5 Element Fault	
SOU075		69 '6781113'/_/6781110'	10	10	10	1.76	10	10	10	5.38 No	1.76 Thermal Discharging
SOU075		70 '6780887'/_/6780885'	10	10	10	1.76	10	10	10	5.38 No	1.76 Thermal Discharging
SOU075		71 '581549284'/_/6780869_1'	3.33	3.33	3.33	0.59	3.33	3.33	1.79 No	0.59 Thermal Discharging	
SOU075		72 '6776716'/_/6776713'	10	10	10	1.76	10	10	10	5.38 No	1.76 Thermal Discharging
SOU075		73 '6765151'/_/6781127'	10	10	10	1.76	10	10	10	5.38 No	1.76 Thermal Discharging
SOU075		74 '6765180'/_/6781500'	3.33	3.33	3.33	0.59	0.8	3.33	1.79 No	0.59 Thermal Discharging	
SOU075		75 '43977357'/_/43977359'	10	10	10	1.76	10	10	10	5.38 No	1.76 Thermal Discharging
SOU075		76 '624852989'/_/43977346'	10	10	10	1.76	10	10	10	5.38 No	1.76 Thermal Discharging
SOU075		77 '43985978'/_/6776733'	10	10	10	1.76	10	10	10	5.38 No	1.76 Thermal Discharging
SOU075		78 '6765150'/_/6765148_2'	10	10	10	1.76	3.4	10	10	5.38 No	1.76 Thermal Discharging
SOU075		79 '6774755'/_/6774752'	10	10	10	1.76	10	10	10	5.38 No	1.76 Thermal Discharging
SOU075		80 '6772427'/_/43985980'	10	10	10	1.76	10	10	10	5.38 No	1.76 Thermal Discharging
SOU075		81 '43984667'/_/43984669'	6.67	6.67	6.67	1.18	3.9	6.67	3.59 No	1.18 Thermal Discharging	
SOU075		82 '43988684'/_/6780869_2'	3.33	3.33	3.33	0.59	1.1	3.33	1.79 No	0.59 Thermal Discharging	
SOU075		83 '6747528'/_/6747525_2'	6.67	6.67	6.67	1.18	3.9	6.67	3.59 No	1.18 Thermal Discharging	
SOU075		84 '43988706'/_/6780798'	3.33	3.33	3.33	0.59	0.7	3.33	1.79 No	0.59 Thermal Discharging	
SOU075		85 '6772428'/_/6772425'	10	10	10	1.76	10	10	10	5.38 No	1.76 Thermal Discharging
SOU075		86 '6774772'/_/6774769'	10	10	10	1.76	10	10	10	5.38 No	1.76 Thermal Discharging
SOU075		87 '6776114'/_/6776111'	10	10	10	1.76	10	10	10	5.38 No	1.76 Thermal Discharging
SOU075		88 '6776131'/_/6776128'	10	10	10	1.76	10	10	10	5.38 No	1.76 Thermal Discharging
SOU075		89 '581549297'/_/9344344_2'	3.33	3.33	3.33	0.59	1.1	3.33	1.79 No	0.59 Thermal Discharging	
SOU075		90 '6765057'/_/6765054_1'	3.33	3.33	3.33	0.59	0.5	3.33	1.79 No	0.5 Element Fault	
SOU075		91 '6774789'/_/6774786'	10	10	10	1.76	10	10	10	5.38 No	1.76 Thermal Discharging
SOU075		92 '6766505'/_/6765148_1'	10	10	10	1.76	1.4	10	10	5.38 No	1.4 Element Fault
SOU075		93 '43987322'/_/6776233'	10	10	10	1.76	10	10	10	5.38 No	1.76 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SOU075	94	'6765181_/_6765178'	3.33		3.33	3.33	0.59	0.8	3.33	1.79 No	0.59 Thermal Discharging
SOU075	95	'6774857_/_6774874'	10		10	10	1.76	10	10	5.38 No	1.76 Thermal Discharging
SOU075	96	'50880577_/_6776216_1'	10		10	10	1.76	10	10	5.38 No	1.76 Thermal Discharging
SOU075	97	'6747513_/_6747525_1'	6.67		6.67	6.67	1.18	1	6.67	3.59 No	1 Element Fault
SOU075	98	'43985107_/_6765054_2'	3.33		3.33	3.33	0.59	0.5	3.33	1.79 No	0.5 Element Fault
SOU075	99	'6774559_/_6774854'	10		10	10	1.76	10	10	5.38 No	1.76 Thermal Discharging
SOU075	100	'6776147_/_6776216_2'	10		10	10	1.76	10	10	5.38 No	1.76 Thermal Discharging
SOU075	101	'6774542_/_6774556_2'	10		10	10	1.76	10	10	5.38 No	1.76 Thermal Discharging
SOU075	102	'43985059_/_6774556_1'	10		10	10	1.76	10	10	5.38 No	1.76 Thermal Discharging
SOU075	103	'43987703_/_6776798'	10		10	10	1.76	1.5	10	5.38 No	1.5 Element Fault
SOU075	104	'6776148_/_6776145'	10		10	10	1.76	10	10	5.38 No	1.76 Thermal Discharging
SOU075	105	'6774541_/_6774539'	10		10	10	1.76	10	10	5.38 No	1.76 Thermal Discharging
SOU075	106	'6776165_/_6776162_1'	10		10	10	1.76	10	10	5.38 No	1.76 Thermal Discharging
SOU075	107	'43987335_/_6776162_2'	10		10	10	1.76	10	10	5.38 No	1.76 Thermal Discharging
SOU075	108	'43977084_/_43977086'	10		10	10	1.76	10	10	5.38 No	1.76 Thermal Discharging
SOU075	109	'6776182_/_43987337'	10		10	10	1.76	10	10	5.38 No	1.76 Thermal Discharging
SOU075	110	'6724790_/_6725836'	10		10	10	1.76	10	10	5.38 No	1.76 Thermal Discharging
SOU075	111	'6772447_/_6776199'	10		10	10	1.76	10	10	5.38 No	1.76 Thermal Discharging
SOU075	112	'6747498_/_6747510'	6.67		6.67	6.67	1.18	1	6.67	3.59 No	1 Element Fault
SOU075	113	'6724789_/_6724787'	10		10	10	1.76	10	10	5.38 No	1.76 Thermal Discharging
SOU075	114	'6776610_/_6776766'	10		10	10	1.76	1.5	10	5.38 No	1.5 Element Fault
SOU075	115	'6775938_/_6775952'	10		10	10	1.76	10	10	5.38 No	1.76 Thermal Discharging
SOU075	116	'6780772_/_6780785'	3.33		3.33	3.33	0.59	0.7	3.33	1.79 No	0.59 Thermal Discharging
SOU075	117	'87172500_/_75390460'	10		10	10	1.76	10	10	5.38 No	1.76 Thermal Discharging
SOU075	118	'6772448_/_6772458_1'	3.33		3.33	3.33	0.59	0.5	3.33	1.79 No	0.5 Element Fault
SOU075	119	'6775921_/_6775935'	10		10	10	1.76	10	10	5.38 No	1.76 Thermal Discharging
SOU075	120	'667321421_/_87172494_1'	10		10	10	1.76	10	10	5.38 No	1.76 Thermal Discharging
SOU075	121	'87172528_/_87172494_2'	10		10	10	1.76	10	10	5.38 No	1.76 Thermal Discharging
SOU075	122	'6765194_/_6765191'	3.33		3.33	3.33	0.59	0.8	3.33	1.79 No	0.59 Thermal Discharging
SOU075	123	'6772749_/_6775918'	10		10	10	1.76	10	10	5.38 No	1.76 Thermal Discharging
SOU075	124	'87172556_/_87172522'	10		10	10	1.76	10	10	5.38 No	1.76 Thermal Discharging
SOU075	125	'6776611_/_6776608'	10		10	10	1.76	1.5	10	5.38 No	1.5 Element Fault
SOU075	126	'6775887_/_6775901'	10		10	10	1.76	10	10	5.38 No	1.76 Thermal Discharging
SOU075	127	'6775870_/_6775884'	10		10	10	1.76	10	10	5.38 No	1.76 Thermal Discharging
SOU075	128	'87172709_/_87172550'	10		10	10	1.76	10	10	5.38 No	1.76 Thermal Discharging
SOU075	129	'6772750_/_6772747_1'	3.33		3.33	3.33	0.59	0.5	3.33	1.79 No	0.5 Element Fault
SOU075	130	'6765945_/_6774247'	3.33		3.33	3.33	0.59	0.5	3.33	1.79 No	0.5 Element Fault
SOU075	131	'6765070_/_43985109'	3.33		3.33	3.33	0.59	0.5	3.33	1.79 No	0.5 Element Fault
SOU075	132	'6747483_/_6747495'	6.67		6.67	6.67	1.18	1	6.67	3.59 No	1 Element Fault
SOU075	133	'55004100_/_43985096'	10		10	10	1.76	1.4	10	5.38 No	1.4 Element Fault
SOU075	134	'6774202_/_6775867'	10		10	10	1.76	10	10	5.38 No	1.76 Thermal Discharging
SOU075	135	'6772593_/_6775847'	10		10	10	1.76	10	10	5.38 No	1.76 Thermal Discharging
SOU075	136	'87172612_/_87172576'	10		10	10	1.76	10	10	5.38 No	1.76 Thermal Discharging
SOU075	137	'6772763_/_6772747_2'	3.33		3.33	3.33	0.59	0.5	3.33	1.79 No	0.5 Element Fault
SOU075	138	'6719584_/_87172606'	10		10	10	1.76	10	10	5.38 No	1.76 Thermal Discharging
SOU075	139	'6772461_/_6772458_2'	3.33		3.33	3.33	0.59	0.5	3.33	1.79 No	0.5 Element Fault
SOU075	140	'6772682_/_6772679'	10		10	10	1.76	4.8	10	5.38 No	1.76 Thermal Discharging
SOU075	141	'108437765_/_8094796_1'	10		10	10	1.76	3.3	10	5.38 No	1.76 Thermal Discharging
SOU075	142	'6775694_/_6775830'	10		10	10	1.76	10	10	5.38 No	1.76 Thermal Discharging
SOU075	143	'6776626_/_6776623'	10		10	10	1.76	1.5	10	5.38 No	1.5 Element Fault
SOU075	144	'6772580_/_6774199_2'	3.33		3.33	3.33	0.59	1	3.33	1.79 No	0.59 Thermal Discharging
SOU075	145	'6719569_/_6719581'	10		10	10	1.76	10	10	5.38 No	1.76 Thermal Discharging
SOU075	146	'581547572_/_6772696_1'	10		10	10	1.76	1.7	10	5.38 No	1.7 Element Fault
SOU075	147	'6772594_/_6772604_1'	3.33		3.33	3.33	0.59	0.7	3.33	1.79 No	0.59 Thermal Discharging
SOU075	148	'6775677_/_6775691'	10		10	10	1.76	10	10	5.38 No	1.76 Thermal Discharging
SOU075	149	'6719554_/_6719566'	10		10	10	1.76	10	10	5.38 No	1.76 Thermal Discharging
SOU075	150	'6769213_/_6775674'	10		10	10	1.76	10	10	5.38 No	1.76 Thermal Discharging
SOU075	151	'6780759_/_6780769'	3.33		3.33	3.33	0.59	0.7	3.33	1.79 No	0.59 Thermal Discharging
SOU075	152	'624852771_/_43976493_1'	6.67		6.67	6.67	1.18	1	6.67	3.59 No	1 Element Fault
SOU075	153	'6747468_/_6747480'	6.67		6.67	6.67	1.18	1	6.67	3.59 No	1 Element Fault
SOU075	154	'6769196_/_6769193_3'	10		10	10	1.76	4.5	10	5.38 No	1.76 Thermal Discharging
SOU075	155	'6775643_/_6775657'	10		10	10	1.76	10	10	5.38 No	1.76 Thermal Discharging
SOU075	156	'43987300_/_6772604_2'	3.33		3.33	3.33	0.59	0.7	3.33	1.79 No	0.59 Thermal Discharging
SOU075	157	'6769179_/_6769193_2'	10		10	10	1.76	1.8	10	5.38 No	1.76 Thermal Discharging
SOU075	158	'6772699_/_6772696_2'	10		10	10	1.76	1.7	10	5.38 No	1.7 Element Fault
SOU075	159	'37982072_/_8094796_2'	10		10	10	1.76	3.3	10	5.38 No	1.76 Thermal Discharging
SOU075	160	'405015980_/_37982076'	10		10	10	1.76	3.3	10	5.38 No	1.76 Thermal Discharging
SOU075	161	'405015997_/_405015994'	10		10	10	1.76	3.3	10	5.38 No	1.76 Thermal Discharging
SOU075	162	'37982058_/_37982055'	10		10	10	1.76	3.3	10	5.38 No	1.76 Thermal Discharging
SOU075	163	'37982044_/_37982048'	10		10	10	1.76	3.3	10	5.38 No	1.76 Thermal Discharging
SOU075	164	'6775626_/_6775640'	10		10	10	1.76	10	10	5.38 No	1.76 Thermal Discharging
SOU075	165	'6772568_/_6772747_3'	3.33		3.33	3.33	0.59	0.5	3.33	1.79 No	0.5 Element Fault
SOU075	166	'6776641_/_6776638'	10		10	10	1.76	1.5	10	5.38 No	1.5 Element Fault
SOU075	167	'7789492_/_9344344_1'	3.33		3.33	3.33	0.59	0.5	3.33	1.79 No	0.5 Element Fault
SOU075	168	'6769009_/_6775623'	10		10	10	1.76	10	10	5.38 No	1.76 Thermal Discharging
SOU075	169	'43985192_/_6765204'	3.33		3.33	3.33	0.59	0.8	3.33	1.79 No	0.59 Thermal Discharging
SOU075	170	'55004248_/_6765942'	3.33		3.33	3.33	0.59	0.5	3.33	1.79 No	0.5 Element Fault
SOU075	171	'6768993_/_6768990_3'	3.33		3.33	3.33	0.59	1.4	3.33	1.79 No	0.59 Thermal Discharging
SOU075	172	'6775592_/_6775606'	10		10	10	1.76	10	10	5.38 No	1.76 Thermal Discharging
SOU075	173	'6769162_/_6769193_1'	10		10	10	1.76	1.8	10	5.38 No	1.76 Thermal Discharging
SOU075	174	'55004344_/_43986348'	3.33		3.33	3.33	0.59	0.6	3.33	1.79 No	0.59 Thermal Discharging
SOU075	175	'6775575_/_6775589'	10		10	10	1.76	10	10	5.38 No	1.76 Thermal Discharging
SOU075	176	'581548258_/_6747465'	6.67		6.67	6.67	1.18	1	6.67	3.59 No	1 Element Fault
SOU075	177	'55004305_/_6774199_1'	3.33		3.33	3.33	0.59	0.7	3.33	1.79 No	0.59 Thermal Discharging
SOU075	178	'43985118_/_6765080'	3.33		3.33	3.33	0.59	0.5	3.33	1.79 No	0.5 Element Fault
SOU075	179	'6768980_/_6768990_2'	3.33		3.33	3.33	0.59	0.5	3.33	1.79 No	0.5 Element Fault
SOU075	180	'43987311_/_6774065'	3.33		3.33	3.33	0.59	0.5	3.33	1.79 No	0.5 Element Fault
SOU075	181	'6768902_/_6775572'	10		10	10	1.76	10	10	5.38 No	1.76 Thermal Discharging
SOU075	182	'6747702_/_6747699_2'	3.33		3.33	3.33	0.59	0.7	3.33	1.79 No	0.59 Thermal Discharging
SOU075	183	'6775557_/_6775555'	10		10	10	1.76	10	10	5.38 No	1.76 Thermal Discharging
SOU075	184	'6776579_/_6776653'	10		10	10	1.76	1.5	10	5.38 No	1.5 Element Fault
SOU075	185	'55004089_/_43985023'	10		10	10	1.76	1.4	10	5.38 No	1.4 Element Fault
SOU075	186	'43988695_/_6780756'	3.33		3.33	3.33	0.59	0.7	3.33	1.79 No	0.59 Thermal Discharging
SOU075	187	'105195498_/_71257476'	10		10	10	1.76	3.3	10	5.38 No	1.76 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SOU075	188	'43987348_/6772471'	3.33	3.33	3.33	0.59	0.5	3.33	1.79	No	0.5 Element Fault
SOU075	189	'6781839_/6781899'	10	10	10	1.76	1.7	10	5.38	No	1.7 Element Fault
SOU075	190	'6768889_/6768886_3'	3.33	3.33	3.33	0.59	1.1	3.33	1.79	No	0.59 Thermal Discharging
SOU075	191	'6776421_/6776435'	10	10	10	1.76	10	10	5.38	No	1.76 Thermal Discharging
SOU075	192	'43986357_/6768990_1'	3.33	3.33	3.33	0.59	0.5	3.33	1.79	No	0.5 Element Fault
SOU075	193	'6772620_/6772617'	3.33	3.33	3.33	0.59	0.7	3.33	1.79	No	0.59 Thermal Discharging
SOU075	194	'6776370_/6776418'	10	10	10	1.76	10	10	5.38	No	1.76 Thermal Discharging
SOU075	195	'6747432_/6747450'	6.67	6.67	6.67	1.18	1	6.67	3.59	No	1 Element Fault
SOU075	196	'602948244_/6781836_3'	3.33	3.33	3.33	0.59	0.57	3.33	1.79	No	0.57 Element Fault
SOU075	197	'6768876_/6768886_2'	3.33	3.33	3.33	0.59	0.5	3.33	1.79	No	0.5 Element Fault
SOU075	198	'6772513_/43985969'	3.33	3.33	3.33	0.59	0.5	3.33	1.79	No	0.5 Element Fault
SOU075	199	'43987666_/6776452'	10	10	10	1.76	10	10	5.38	No	1.76 Thermal Discharging
SOU075	200	'6776350_/6776347_2'	10	10	10	1.76	4.2	10	5.38	No	1.76 Thermal Discharging
SOU075	201	'43987653_/43987655'	10	10	10	1.76	10	10	5.38	No	1.76 Thermal Discharging
SOU075	202	'43976491_/43976493_2'	6.67	6.67	6.67	1.18	1	6.67	3.59	No	1 Element Fault
SOU075	203	'6776472_/6776469'	10	10	10	1.76	10	10	5.38	No	1.76 Thermal Discharging
SOU075	204	'6775541_/6776384'	10	10	10	1.76	10	10	5.38	No	1.76 Thermal Discharging
SOU075	205	'602948262_/6781836_2'	3.33	3.33	3.33	0.59	0.3	3.33	1.79	No	0.3 Element Fault
SOU075	206	'71257457_/53284342'	10	10	10	1.76	3.3	10	5.38	No	1.76 Thermal Discharging
SOU075	207	'6769145_/6769159'	10	10	10	1.76	1.8	10	5.38	No	1.76 Thermal Discharging
SOU075	208	'6776488_/6776506'	10	10	10	1.76	10	10	5.38	No	1.76 Thermal Discharging
SOU075	209	'6773951_/6775538'	10	10	10	1.76	10	10	5.38	No	1.76 Thermal Discharging
SOU075	210	'6765099_/6765096'	3.33	3.33	3.33	0.59	0.5	3.33	1.79	No	0.5 Element Fault
SOU075	211	'43985034_/6780856'	3.33	3.33	3.33	0.59	0.47	3.33	1.79	No	0.47 Element Fault
SOU075	212	'6769233_/6769230'	3.33	3.33	3.33	0.59	0.6	3.33	1.79	No	0.59 Thermal Discharging
SOU075	213	'6773950_/6773965_3'	10	10	10	1.76	4.7	10	5.38	No	1.76 Thermal Discharging
SOU075	214	'6776580_/6776577'	10	10	10	1.76	1.5	10	5.38	No	1.5 Element Fault
SOU075	215	'581542088_/6775521'	10	10	10	1.76	10	10	5.38	No	1.76 Thermal Discharging
SOU075	216	'6776333_/6776347_1'	10	10	10	1.76	1.5	10	5.38	No	1.5 Element Fault
SOU075	217	'7774912_/9040771_1'	10	10	10	1.76	1	10	5.38	No	1 Element Fault
SOU075	218	'43986379_/6768886_1'	3.33	3.33	3.33	0.59	0.5	3.33	1.79	No	0.5 Element Fault
SOU075	219	'6780859_/9669166_1'	3.33	3.33	3.33	0.59	0.3	3.33	1.79	No	0.3 Element Fault
SOU075	220	'89943460_/581542086_1'	10	10	10	1.76	10	10	5.38	No	1.76 Thermal Discharging
SOU075	221	'43986425_/6776486'	10	10	10	1.76	10	10	5.38	No	1.76 Thermal Discharging
SOU075	222	'6772715_/6781916'	10	10	10	1.76	1.7	10	5.38	No	1.7 Element Fault
SOU075	223	'6773967_/6773965_2'	10	10	10	1.76	1.6	10	5.38	No	1.6 Element Fault
SOU075	224	'6772567_/6772565'	3.33	3.33	3.33	0.59	0.5	3.33	1.79	No	0.5 Element Fault
SOU075	225	'43987370_/6781836_1'	3.33	3.33	3.33	0.59	0.3	3.33	1.79	No	0.3 Element Fault
SOU075	226	'43986390_/43986392'	3.33	3.33	3.33	0.59	0.5	3.33	1.79	No	0.5 Element Fault
SOU075	227	'6775714_/6775711'	10	10	10	1.76	10	10	5.38	No	1.76 Thermal Discharging
SOU075	228	'6769021_/6774005_1'	3.33	3.33	3.33	0.59	0.5	3.33	1.79	No	0.5 Element Fault
SOU075	229	'6765220_/43985194'	3.33	3.33	3.33	0.59	0.8	3.33	1.79	No	0.59 Thermal Discharging
SOU075	230	'624852807_/6772789'	3.33	3.33	3.33	0.59	0.5	3.33	1.79	No	0.5 Element Fault
SOU075	231	'6775731_/6775728'	10	10	10	1.76	10	10	5.38	No	1.76 Thermal Discharging
SOU075	232	'6747650_/6747647'	3.33	3.33	3.33	0.59	0.5	3.33	1.79	No	0.5 Element Fault
SOU075	233	'43986368_/6774005_2'	3.33	3.33	3.33	0.59	0.5	3.33	1.79	No	0.5 Element Fault
SOU075	234	'6769125_/6769142'	10	10	10	1.76	1.8	10	5.38	No	1.76 Thermal Discharging
SOU075	235	'91526679_/91526684'	10	10	10	1.76	3.3	10	5.38	No	1.76 Thermal Discharging
SOU075	236	'6772526_/6772523'	3.33	3.33	3.33	0.59	0.5	3.33	1.79	No	0.5 Element Fault
SOU075	237	'6747417_/6747429'	6.67	6.67	6.67	1.18	1	6.67	3.59	No	1 Element Fault
SOU075	238	'6768954_/6768964'	3.33	3.33	3.33	0.59	0.5	3.33	1.79	No	0.5 Element Fault
SOU075	239	'6780733_/6780743'	3.33	3.33	3.33	0.59	0.7	3.33	1.79	No	0.59 Thermal Discharging
SOU075	240	'6747689_/6747699_1'	3.33	3.33	3.33	0.59	0.7	3.33	1.79	No	0.59 Thermal Discharging
SOU075	241	'6772487_/43987350'	3.33	3.33	3.33	0.59	0.5	3.33	1.79	No	0.5 Element Fault
SOU075	242	'43986552_/6775745'	10	10	10	1.76	10	10	5.38	No	1.76 Thermal Discharging
SOU075	243	'6769108_/6769122_2'	10	10	10	1.76	1.8	10	5.38	No	1.76 Thermal Discharging
SOU075	244	'71257505_/71257502'	6.67	6.67	6.67	1.18	2.2	6.67	3.59	No	1.18 Thermal Discharging
SOU075	245	'43986237_/6773985'	10	10	10	1.76	1.6	10	5.38	No	1.6 Element Fault
SOU075	246	'9669169_/9669166_2'	3.33	3.33	3.33	0.59	0.3	3.33	1.79	No	0.3 Element Fault
SOU075	247	'43986333_/6769122_1'	10	10	10	1.76	1.8	10	5.38	No	1.76 Thermal Discharging
SOU075	248	'6775765_/6775762'	10	10	10	1.76	10	10	5.38	No	1.76 Thermal Discharging
SOU075	249	'6772636_/6772633'	3.33	3.33	3.33	0.59	0.7	3.33	1.79	No	0.59 Thermal Discharging
SOU075	250	'43986224_/6773965_1'	10	10	10	1.76	1.6	10	5.38	No	1.6 Element Fault
SOU075	251	'6772716_/6772713'	10	10	10	1.76	1.7	10	5.38	No	1.7 Element Fault
SOU075	252	'6781852_/6781849'	3.33	3.33	3.33	0.59	0.3	3.33	1.79	No	0.3 Element Fault
SOU075	253	'9040774_/9040771_2'	10	10	10	1.76	1	10	5.38	No	1 Element Fault
SOU075	254	'645274503_/43986239'	10	10	10	1.76	1.6	10	5.38	No	1.6 Element Fault
SOU075	255	'349287982_/6772646_2'	3.33	3.33	3.33	0.59	0.7	3.33	1.79	No	0.59 Thermal Discharging
SOU075	256	'43986565_/6775779'	10	10	10	1.76	10	10	5.38	No	1.76 Thermal Discharging
SOU075	257	'105195335_/53284329'	10	10	10	1.76	3.3	10	5.38	No	1.76 Thermal Discharging
SOU075	258	'43986401_/6776330'	10	10	10	1.76	1.5	10	5.38	No	1.5 Element Fault
SOU075	259	'6769022_/43986370'	3.33	3.33	3.33	0.59	0.5	3.33	1.79	No	0.5 Element Fault
SOU075	260	'6719538_/6719536'	6.67	6.67	6.67	1.18	1	6.67	3.59	No	1 Element Fault
SOU075	261	'6769246_/6769243'	3.33	3.33	3.33	0.59	0.6	3.33	1.79	No	0.59 Thermal Discharging
SOU075	262	'6772402_/6772412'	3.33	3.33	3.33	0.59	0.3	3.33	1.79	No	0.3 Element Fault
SOU075	263	'71257263_/71257234'	6.67	6.67	6.67	1.18	2.2	6.67	3.59	No	1.18 Thermal Discharging
SOU075	264	'43986578_/43986567'	10	10	10	1.76	10	10	5.38	No	1.76 Thermal Discharging
SOU075	265	'91526611_/91526744'	7.3	10	10	1.76	3.3	10	5.38	No	1.76 Thermal Discharging
SOU075	266	'6768749_/645274507'	10	10	10	1.76	1.6	10	5.38	No	1.6 Element Fault
SOU075	267	'369718832_/43986580'	10	10	10	1.76	10	10	5.38	No	1.76 Thermal Discharging
SOU075	268	'6747416_/6747414'	6.67	6.67	6.67	1.18	1	6.67	3.59	No	1 Element Fault
SOU075	269	'6765112_/6765109'	3.33	3.33	3.33	0.59	0.5	3.33	1.79	No	0.5 Element Fault
SOU075	270	'6766365_/6766362'	3.33	3.33	3.33	0.59	0.8	3.33	1.79	No	0.59 Thermal Discharging
SOU075	271	'6769091_/6769105'	10	10	10	1.76	1.8	10	5.38	No	1.76 Thermal Discharging
SOU075	272	'6772539_/6772536'	3.33	3.33	3.33	0.59	0.5	3.33	1.79	No	0.5 Element Fault
SOU075	273	'53284377_/71257260'	10	10	10	1.76	3.3	10	5.38	No	1.76 Thermal Discharging
SOU075	274	'6768941_/6768951'	3.33	3.33	3.33	0.59	0.5	3.33	1.79	No	0.5 Element Fault
SOU075	275	'43986309_/43986311'	3.33	3.33	3.33	0.59	0.5	3.33	1.79	No	0.5 Element Fault
SOU075	276	'6772648_/6772646_1'	3.33	3.33	3.33	0.59	0.7	3.33	1.79	No	0.59 Thermal Discharging
SOU075	277	'6772340_/6772730'	10	10	10	1.76	1.7	10	5.38	No	1.7 Element Fault
SOU075	278	'6769035_/6769032'	3.33	3.33	3.33	0.59	0.5	3.33	1.79	No	0.5 Element Fault
SOU075	279	'6768850_/6768860'	3.33	3.33	3.33	0.59	0.5	3.33	1.79	No	0.5 Element Fault
SOU075	280	'6772552_/6772549'	3.33	3.33	3.33	0.59	0.5	3.33	1.79	No	0.5 Element Fault
SOU075	281	'6768715_/6768729'	10	10	10	1.76	1.6	10	5.38	No	1.6 Element Fault

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SOU075	282	'6781667_/_6781664'	3.33	3.33	3.33	3.33	0.59	0.5	3.33	1.79 No	0.5 Element Fault
SOU075	283	'43986948_/_6772497'	3.33	3.33	3.33	3.33	0.59	0.5	3.33	1.79 No	0.5 Element Fault
SOU075	284	'414278092_/_414277918_1'	10	10	10	10	1.76	0.9	10	5.38 No	0.9 Element Fault
SOU075	285	'43986937_/_6747660'	3.33	3.33	3.33	3.33	0.59	0.5	3.33	1.79 No	0.5 Element Fault
SOU075	286	'6769073_/_6769088'	10	10	10	10	1.76	1.8	10	5.38 No	1.76 Thermal Discharging
SOU075	287	'6768803_/_6768817'	10	10	10	10	1.76	1.5	10	5.38 No	1.5 Element Fault
SOU075	288	'6768766_/_6768763_1'	10	10	10	10	1.76	1.6	10	5.38 No	1.6 Element Fault
SOU075	289	'128949144_/_124742886_2'	3.33	3.33	3.33	3.33	0.59	1.1	3.33	1.79 No	0.59 Thermal Discharging
SOU075	290	'43985203_/_6766375'	3.33	3.33	3.33	3.33	0.59	0.8	3.33	1.79 No	0.59 Thermal Discharging
SOU075	291	'6769259_/_6769256_1'	3.33	3.33	3.33	3.33	0.59	0.6	3.33	1.79 No	0.59 Thermal Discharging
SOU075	292	'9344267_/_414277918_2'	10	10	10	10	1.76	0.9	10	5.38 No	0.9 Element Fault
SOU075	293	'43987381_/_6781860'	3.33	3.33	3.33	3.33	0.59	0.3	3.33	1.79 No	0.3 Element Fault
SOU075	294	'6773815_/_6773812'	3.33	3.33	3.33	3.33	0.59	0.7	3.33	1.79 No	0.59 Thermal Discharging
SOU075	295	'6717874_/_6720460'	6.67	6.67	6.67	1.18	1	6.67	3.59 No	1	Element Fault
SOU075	296	'43986449_/_6769256_2'	3.33	3.33	3.33	3.33	0.59	0.6	3.33	1.79 No	0.59 Thermal Discharging
SOU075	297	'6747676_/_6747686'	3.33	3.33	3.33	3.33	0.59	0.7	3.33	1.79 No	0.59 Thermal Discharging
SOU075	298	'43986250_/_6768763_2'	10	10	10	10	1.76	1.6	10	5.38 No	1.6 Element Fault
SOU075	299	'6772323_/_6772337'	10	10	10	10	1.76	1.7	10	5.38 No	1.7 Element Fault
SOU075	300	'450451413_/_450451432'	10	10	10	10	1.76	1	10	5.38 No	1 Element Fault
SOU075	301	'6772389_/_6772399'	3.33	3.33	3.33	3.33	0.59	0.3	3.33	1.79 No	0.3 Element Fault
SOU075	302	'43986211_/_6768712'	10	10	10	10	1.76	1.6	10	5.38 No	1.6 Element Fault
SOU075	303	'429014427_/_6776697_1'	3.33	3.33	3.33	3.33	0.59	0.3	3.33	1.79 No	0.3 Element Fault
SOU075	304	'43986926_/_6773825'	3.33	3.33	3.33	3.33	0.59	0.7	3.33	1.79 No	0.59 Thermal Discharging
SOU075	305	'6772360_/_6772357'	3.33	3.33	3.33	3.33	0.59	0.57	3.33	1.79 No	0.57 Element Fault
SOU075	306	'6768914_/_6768925'	3.33	3.33	3.33	3.33	0.59	0.5	3.33	1.79 No	0.5 Element Fault
SOU075	307	'53284289_/_53284254_1'	10	10	10	10	1.76	3.1	10	5.38 No	1.76 Thermal Discharging
SOU075	308	'429014434_/_6776697_2'	3.33	3.33	3.33	3.33	0.59	0.3	3.33	1.79 No	0.3 Element Fault
SOU075	309	'7789491_/_7789489'	3.33	3.33	3.33	3.33	0.59	0.5	3.33	1.79 No	0.5 Element Fault
SOU075	310	'6769048_/_6769045'	3.33	3.33	3.33	3.33	0.59	0.5	3.33	1.79 No	0.5 Element Fault
SOU075	311	'43986285_/_6768800'	10	10	10	10	1.76	1.5	10	5.38 No	1.5 Element Fault
SOU075	312	'6769833_/_43986451'	3.33	3.33	3.33	3.33	0.59	0.6	3.33	1.79 No	0.59 Thermal Discharging
SOU075	313	'43987693_/_124742886_1'	3.33	3.33	3.33	3.33	0.59	0.5	3.33	1.79 No	0.5 Element Fault
SOU075	314	'37982030_/_91526616'	7.6	10	10	10	1.76	1.1	10	5.38 No	1.1 Element Fault
SOU075	315	'43985129_/_6765122'	3.33	3.33	3.33	3.33	0.59	0.5	3.33	1.79 No	0.5 Element Fault
SOU075	316	'6781876_/_6781873'	3.33	3.33	3.33	3.33	0.59	0.3	3.33	1.79 No	0.3 Element Fault
SOU075	317	'43976089_/_6717871'	6.67	6.67	6.67	1.18	1	6.67	3.59 No	1	Element Fault
SOU075	318	'6772306_/_6772320'	10	10	10	10	1.76	1.7	10	5.38 No	1.7 Element Fault
SOU075	319	'43986960_/_43986950'	3.33	3.33	3.33	3.33	0.59	0.5	3.33	1.79 No	0.5 Element Fault
SOU075	320	'6769074_/_6769071'	10	10	10	10	1.76	1.8	10	5.38 No	1.76 Thermal Discharging
SOU075	321	'6773841_/_6773838'	3.33	3.33	3.33	3.33	0.59	0.7	3.33	1.79 No	0.59 Thermal Discharging
SOU075	322	'6773870_/_6773867'	3.33	3.33	3.33	3.33	0.59	0.5	3.33	1.79 No	0.5 Element Fault
SOU075	323	'6766391_/_43985205'	3.33	3.33	3.33	3.33	0.59	0.8	3.33	1.79 No	0.59 Thermal Discharging
SOU075	324	'6768837_/_6768847'	3.33	3.33	3.33	3.33	0.59	0.5	3.33	1.79 No	0.5 Element Fault
SOU075	325	'625701936_/_43986300'	3.33	3.33	3.33	3.33	0.59	0.5	3.33	1.79 No	0.5 Element Fault
SOU075	326	'43986261_/_43986252'	3.33	3.33	3.33	3.33	0.59	0.53	3.33	1.79 No	0.53 Element Fault
SOU075	327	'6768697_/_6768695'	10	10	10	10	1.76	1.6	10	5.38 No	1.6 Element Fault
SOU075	328	'6776840_/_6781677'	3.33	3.33	3.33	3.33	0.59	0.5	3.33	1.79 No	0.5 Element Fault
SOU075	329	'6772376_/_6772373'	3.33	3.33	3.33	3.33	0.59	0.57	3.33	1.79 No	0.57 Element Fault
SOU075	330	'8096076_/_9669106_1'	10	10	10	10	1.76	0.9	10	5.38 No	0.9 Element Fault
SOU075	331	'43986272_/_6768783'	10	10	10	10	1.76	1.5	10	5.38 No	1.5 Element Fault
SOU075	332	'6769846_/_6769843'	3.33	3.33	3.33	3.33	0.59	0.6	3.33	1.79 No	0.59 Thermal Discharging
SOU075	333	'43987392_/_6772303'	10	10	10	10	1.76	1.7	10	5.38 No	1.7 Element Fault
SOU075	334	'6773857_/_6773854'	3.33	3.33	3.33	3.33	0.59	0.7	3.33	1.79 No	0.59 Thermal Discharging
SOU075	335	'6747675_/_6747673'	3.33	3.33	3.33	3.33	0.59	0.7	3.33	1.79 No	0.59 Thermal Discharging
SOU075	336	'6776700_/_6776697_3'	3.33	3.33	3.33	3.33	0.59	0.3	3.33	1.79 No	0.3 Element Fault
SOU075	337	'6717848_/_6717858'	3.33	3.33	3.33	3.33	0.59	0.5	3.33	1.79 No	0.5 Element Fault
SOU075	338	'6768915_/_6768912'	3.33	3.33	3.33	3.33	0.59	0.5	3.33	1.79 No	0.5 Element Fault
SOU075	339	'6773883_/_6773880'	3.33	3.33	3.33	3.33	0.59	0.5	3.33	1.79 No	0.5 Element Fault
SOU075	340	'43986438_/_6769058'	3.33	3.33	3.33	3.33	0.59	0.5	3.33	1.79 No	0.5 Element Fault
SOU075	341	'9669109_/_9669106_2'	10	10	10	10	1.76	0.9	10	5.38 No	0.9 Element Fault
SOU075	342	'43984690_/_6776668'	3.33	3.33	3.33	3.33	0.59	0.3	3.33	1.79 No	0.3 Element Fault
SOU075	343	'6772388_/_43987361'	3.33	3.33	3.33	3.33	0.59	0.3	3.33	1.79 No	0.3 Element Fault
SOU075	344	'6777473_/_6777490'	10	10	10	10	1.76	1.5	10	5.38 No	1.5 Element Fault
SOU075	345	'43986622_/_6769856'	3.33	3.33	3.33	3.33	0.59	0.6	3.33	1.79 No	0.59 Thermal Discharging
SOU075	346	'7774930_/_8723504_1'	10	10	10	10	1.76	0.9	10	5.38 No	0.9 Element Fault
SOU075	347	'6747542_/_6765135'	3.33	3.33	3.33	3.33	0.59	0.5	3.33	1.79 No	0.5 Element Fault
SOU075	348	'6781889_/_6781886'	3.33	3.33	3.33	3.33	0.59	0.3	3.33	1.79 No	0.3 Element Fault
SOU075	349	'6717835_/_6717845'	3.33	3.33	3.33	3.33	0.59	0.5	3.33	1.79 No	0.5 Element Fault
SOU075	350	'429014463_/_43984858_2'	3.33	3.33	3.33	3.33	0.59	0.5	3.33	1.79 No	0.5 Element Fault
SOU075	351	'6769872_/_43986629'	3.33	3.33	3.33	3.33	0.59	0.6	3.33	1.79 No	0.59 Thermal Discharging
SOU075	352	'581548307_/_581542046'	3.33	3.33	3.33	3.33	0.59	0.5	3.33	1.79 No	0.5 Element Fault
SOU075	353	'6777472_/_6777470'	10	10	10	10	1.76	1.5	10	5.38 No	1.5 Element Fault
SOU075	354	'6773922_/_6773919'	3.33	3.33	3.33	3.33	0.59	0.5	3.33	1.79 No	0.5 Element Fault
SOU075	355	'43986320_/_6774018'	10	10	10	10	1.76	1.8	10	5.38 No	1.76 Thermal Discharging
SOU075	356	'6772272_/_6772286'	10	10	10	10	1.76	1.7	10	5.38 No	1.7 Element Fault
SOU075	357	'6774021_/_8723444_1'	10	10	10	10	1.76	1.2	10	5.38 No	1.2 Element Fault
SOU075	358	'6747584_/_6766401'	3.33	3.33	3.33	3.33	0.59	0.8	3.33	1.79 No	0.59 Thermal Discharging
SOU075	359	'6769885_/_6769882'	3.33	3.33	3.33	3.33	0.59	0.6	3.33	1.79 No	0.59 Thermal Discharging
SOU075	360	'8723447_/_8723444_2'	10	10	10	10	1.76	1.2	10	5.38 No	1.2 Element Fault
SOU075	361	'6773896_/_6773893'	3.33	3.33	3.33	3.33	0.59	0.5	3.33	1.79 No	0.5 Element Fault
SOU075	362	'6769561_/_43986263'	3.33	3.33	3.33	3.33	0.59	0.53	3.33	1.79 No	0.53 Element Fault
SOU075	363	'6776752_/_6776750'	3.33	3.33	3.33	3.33	0.59	0.3	3.33	1.79 No	0.3 Element Fault
SOU075	364	'6764243_/_6764253'	3.33	3.33	3.33	3.33	0.59	0.3	3.33	1.79 No	0.3 Element Fault
SOU075	365	'43987724_/_6776838'	3.33	3.33	3.33	3.33	0.59	0.5	3.33	1.79 No	0.5 Element Fault
SOU075	366	'6769752_/_6769749'	3.33	3.33	3.33	3.33	0.59	0.5	3.33	1.79 No	0.5 Element Fault
SOU075	367	'43984856_/_43984858_1'	3.33	3.33	3.33	3.33	0.59	0.3	3.33	1.79 No	0.3 Element Fault
SOU075	368	'581549250_/_43976080'	3.33	3.33	3.33	3.33	0.59	0.5	3.33	1.79 No	0.5 Element Fault
SOU075	369	'8723507_/_8723504_2'	10	10	10	10	1.76	0.9	10	5.38 No	0.9 Element Fault
SOU075	370	'8095093_/_8095090'	3.33	3.33	3.33	3.33	0.59	0.5	3.33	1.79 No	0.5 Element Fault
SOU075	371	'43987405_/_6772269'	10	10	10	10	1.76	1.7	10	5.38 No	1.7 Element Fault
SOU075	372	'43984714_/_6747540'	2.97	3.33	3.33	3.33	0.59	0.5	3.33	1.79 No	0.5 Element Fault
SOU075	373	'6769574_/_6769571'	3.33	3.33	3.33	3.33	0.59	0.53	3.33	1.79 No	0.53 Element Fault
SOU075	374	'6781936_/_6781933'	3.33	3.33	3.33	3.33	0.59	0.3	3.33	1.79 No	0.3 Element Fault
SOU075	375	'429014489_/_43984681_2'	3.33	3.33	3.33	3.33	0.59	0.5	3.33	1.79 No	0.5 Element Fault

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SOU075	376	'6747585_/_6747582'	2.9	3.33	3.33	3.33	0.59	0.8	3.33	1.79 No	0.59 Thermal Discharging
SOU075	377	'6769671_/_43987726'	3.33	3.33	3.33	3.33	0.59	0.5	3.33	1.79 No	0.5 Element Fault
SOU075	378	'6769765_/_6769762'	3.33	3.33	3.33	3.33	0.59	0.5	3.33	1.79 No	0.5 Element Fault
SOU075	379	'6772017_/_6772249'	10	10	10	10	1.76	1.7	10	5.38 No	1.7 Element Fault
SOU075	380	'6764376_/_6764386'	3.33	3.33	3.33	3.33	0.59	0.3	3.33	1.79 No	0.3 Element Fault
SOU075	381	'105195608_/_71257536_1'	3.33	3.33	3.33	3.33	0.59	1.1	3.33	1.79 No	0.59 Thermal Discharging
SOU075	382	'6764230_/_6764240'	3	3.33	3.33	3.33	0.59	0.3	3.33	1.79 No	0.3 Element Fault
SOU075	383	'105195470_/_71257536_2'	3.33	3.33	3.33	3.33	0.59	1.1	3.33	1.79 No	0.59 Thermal Discharging
SOU075	384	'105195595_/_71257558_1'	3.33	3.33	3.33	3.33	0.59	1.1	3.33	1.79 No	0.59 Thermal Discharging
SOU075	385	'6747556_/_43984716'	2.33	3.33	3.33	3.33	0.59	0.5	3.33	1.79 No	0.5 Element Fault
SOU075	386	'105195486_/_71257590_2'	3.33	3.33	3.33	3.33	0.59	1.1	3.33	1.79 No	0.59 Thermal Discharging
SOU075	387	'6772018_/_6772015'	10	10	10	10	1.76	1.7	10	5.38 No	1.7 Element Fault
SOU075	388	'6769587_/_6769584'	3.33	3.33	3.33	3.33	0.59	0.53	3.33	1.79 No	0.53 Element Fault
SOU075	389	'6769684_/_6769681'	3.33	3.33	3.33	3.33	0.59	0.5	3.33	1.79 No	0.5 Element Fault
SOU075	390	'43986616_/_6769775'	3.33	3.33	3.33	3.33	0.59	0.5	3.33	1.79 No	0.5 Element Fault
SOU075	391	'43987418_/_6772236'	3.33	3.33	3.33	3.33	0.59	0.57	3.33	1.79 No	0.57 Element Fault
SOU075	392	'43984679_/_43984681_1'	3.33	3.33	3.33	3.33	0.59	0.3	3.33	1.79 No	0.3 Element Fault
SOU075	393	'6764229_/_6764227'	2.53	3.33	3.33	3.33	0.59	0.3	3.33	1.79 No	0.3 Element Fault
SOU075	394	'43984790_/_6747595'	2.3	3.33	3.33	3.33	0.59	0.8	3.33	1.79 No	0.59 Thermal Discharging
SOU075	395	'6719706_/_71257590_1'	3.33	3.33	3.33	3.33	0.59	0.5	3.33	1.79 No	0.5 Element Fault
SOU075	396	'6772038_/_6772035'	10	10	10	10	1.76	1.7	10	5.38 No	1.7 Element Fault
SOU075	397	'6764363_/_6764373'	2.7	3.33	3.33	3.33	0.59	0.3	3.33	1.79 No	0.3 Element Fault
SOU075	398	'6747572_/_6747569'	2.07	3.33	3.33	3.33	0.59	0.5	3.33	1.79 No	0.5 Element Fault
SOU075	399	'6772213_/_6772223'	3.33	3.33	3.33	3.33	0.59	0.57	3.33	1.79 No	0.57 Element Fault
SOU075	400	'6769791_/_43986618'	3.33	3.33	3.33	3.33	0.59	0.5	3.33	1.79 No	0.5 Element Fault
SOU075	401	'43976526_/_6719703'	3.33	3.33	3.33	3.33	0.59	0.5	3.33	1.79 No	0.5 Element Fault
SOU075	402	'6772058_/_6772055'	7.8	10	10	10	1.76	1.7	10	5.38 No	1.7 Element Fault
SOU075	403	'43986519_/_6769597'	3.33	3.33	3.33	3.33	0.59	0.53	3.33	1.79 No	0.53 Element Fault
SOU075	404	'6764350_/_6764360'	2.3	3.33	3.33	3.33	0.59	0.3	3.33	1.79 No	0.3 Element Fault
SOU075	405	'6764496_/_6764506'	2.53	3.33	3.33	3.33	0.59	0.3	3.33	1.79 No	0.3 Element Fault
SOU075	406	'6747611_/_43984792'	2	3.33	3.33	3.33	0.59	0.8	3.33	1.79 No	0.59 Thermal Discharging
SOU075	407	'43986605_/_6769694'	3.33	3.33	3.33	3.33	0.59	0.5	3.33	1.79 No	0.5 Element Fault
SOU075	408	'6719719_/_6719716'	3.33	3.33	3.33	3.33	0.59	0.5	3.33	1.79 No	0.5 Element Fault
SOU075	409	'6772200_/_6772210'	2.63	3.33	3.33	3.33	0.59	0.57	3.33	1.79 No	0.57 Element Fault
SOU075	410	'6769804_/_6769801'	3.33	3.33	3.33	3.33	0.59	0.5	3.33	1.79 No	0.5 Element Fault
SOU075	411	'105195432_/_71257378_1'	3.33	3.33	3.33	3.33	0.59	1.1	3.33	1.79 No	0.59 Thermal Discharging
SOU075	412	'6772132_/_6772129'	2.7	3.33	3.33	3.33	0.59	0.57	3.33	1.79 No	0.57 Element Fault
SOU075	413	'6772199_/_6772197'	2.47	3.33	3.33	3.33	0.59	0.57	3.33	1.79 No	0.57 Element Fault
SOU075	414	'6772075_/_6772072'	6.7	10	10	10	1.76	1.7	10	5.38 No	1.7 Element Fault
SOU075	415	'105195311_/_71257378_2'	3.33	3.33	3.33	3.33	0.59	1.1	3.33	1.79 No	0.59 Thermal Discharging
SOU075	416	'105195448_/_71257298_1'	3.33	3.33	3.33	3.33	0.59	1.1	3.33	1.79 No	0.59 Thermal Discharging
SOU075	417	'6769817_/_6769814'	3.33	3.33	3.33	3.33	0.59	0.5	3.33	1.79 No	0.5 Element Fault
SOU075	418	'105195776_/_53284503_2'	3.33	3.33	3.33	3.33	0.59	1.1	3.33	1.79 No	0.59 Thermal Discharging
SOU075	419	'105195629_/_53284503_1'	3.33	3.33	3.33	3.33	0.59	1.1	3.33	1.79 No	0.59 Thermal Discharging
SOU075	420	'6764349_/_6764347'	2	3.33	3.33	3.33	0.59	0.3	3.33	1.79 No	0.3 Element Fault
SOU075	421	'6776320_/_6776317'	2.33	3.33	3.33	3.33	0.59	0.57	3.33	1.79 No	0.57 Element Fault
SOU075	422	'581549308_/_71257348_2'	3.33	3.33	3.33	3.33	0.59	1.1	3.33	1.79 No	0.59 Thermal Discharging
SOU075	423	'105195649_/_71258149_2'	3.33	3.33	3.33	3.33	0.59	1.1	3.33	1.79 No	0.59 Thermal Discharging
SOU075	424	'43987429_/_6772142'	2.8	3.33	3.33	3.33	0.59	0.57	3.33	1.79 No	0.57 Element Fault
SOU075	425	'6764483_/_6764493'	2.1	3.33	3.33	3.33	0.59	0.3	3.33	1.79 No	0.3 Element Fault
SOU075	426	'105195800_/_105195740_2'	3.33	3.33	3.33	3.33	0.59	1.1	3.33	1.79 No	0.59 Thermal Discharging
SOU075	427	'105195670_/_105195740_1'	3.33	3.33	3.33	3.33	0.59	1.1	3.33	1.79 No	0.59 Thermal Discharging
SOU075	428	'6719680_/_6719690'	3.33	3.33	3.33	3.33	0.59	0.5	3.33	1.79 No	0.5 Element Fault
SOU075	429	'43984801_/_6747621'	1.77	3.33	3.33	3.33	0.59	0.8	3.33	1.79 No	0.59 Thermal Discharging
SOU075	430	'6769613_/_43986521'	3.33	3.33	3.33	3.33	0.59	0.53	3.33	1.79 No	0.53 Element Fault
SOU075	431	'53284554_/_71258149_1'	3.33	3.33	3.33	3.33	0.59	0.5	3.33	1.79 No	0.5 Element Fault
SOU075	432	'6719810_/_71257348_1'	3.33	3.33	3.33	3.33	0.59	0.5	3.33	1.79 No	0.5 Element Fault
SOU075	433	'6781785_/_6781782'	6.1	10	10	10	1.76	1.7	10	5.38 No	1.7 Element Fault
SOU075	434	'43976548_/_6719729'	2.77	3.33	3.33	3.33	0.59	0.5	3.33	1.79 No	0.5 Element Fault
SOU075	435	'6769710_/_43986607'	3.33	3.33	3.33	3.33	0.59	0.5	3.33	1.79 No	0.5 Element Fault
SOU075	436	'6772158_/_6772155'	2.63	3.33	3.33	3.33	0.59	0.57	3.33	1.79 No	0.57 Element Fault
SOU075	437	'43976436_/_6719436'	3.33	3.33	3.33	3.33	0.59	0.5	3.33	1.79 No	0.5 Element Fault
SOU075	438	'6781719_/_6781799'	5.7	10	10	10	1.76	1.7	10	5.38 No	1.7 Element Fault
SOU075	439	'6769626_/_6769623'	3.33	3.33	3.33	3.33	0.59	0.53	3.33	1.79 No	0.53 Element Fault
SOU075	440	'6764482_/_6764480'	1.87	3.33	3.33	3.33	0.59	0.3	3.33	1.79 No	0.3 Element Fault
SOU075	441	'6719452_/_6719449'	3.33	3.33	3.33	3.33	0.59	0.5	3.33	1.79 No	0.5 Element Fault
SOU075	442	'6719826_/_6719823_1'	2.7	3.33	3.33	3.33	0.59	0.5	3.33	1.79 No	0.5 Element Fault
SOU075	443	'6719667_/_6719677'	2.03	3.33	3.33	3.33	0.59	0.5	3.33	1.79 No	0.5 Element Fault
SOU075	444	'6719745_/_43976550'	2.03	3.33	3.33	3.33	0.59	0.5	3.33	1.79 No	0.5 Element Fault
SOU075	445	'6772171_/_6772168'	2.37	3.33	3.33	3.33	0.59	0.57	3.33	1.79 No	0.57 Element Fault
SOU075	446	'6764201_/_6764198'	1.57	3.33	3.33	3.33	0.59	0.8	3.33	1.79 No	0.59 Thermal Discharging
SOU075	447	'43976581_/_6719823_2'	2.53	3.33	3.33	3.33	0.59	0.5	3.33	1.79 No	0.5 Element Fault
SOU075	448	'6719797_/_6719807'	2.53	3.33	3.33	3.33	0.59	0.5	3.33	1.79 No	0.5 Element Fault
SOU075	449	'6769639_/_6769636'	3.33	3.33	3.33	3.33	0.59	0.53	3.33	1.79 No	0.53 Element Fault
SOU075	450	'6772091_/_6781819'	5.2	10	10	10	1.76	1.7	10	5.38 No	1.7 Element Fault
SOU075	451	'6769723_/_6769720'	2.33	3.33	3.33	3.33	0.59	0.5	3.33	1.79 No	0.5 Element Fault
SOU075	452	'6781730_/_6781727'	1.87	3.33	3.33	3.33	0.59	0.57	3.33	1.79 No	0.57 Element Fault
SOU075	453	'43976458_/_6719465'	2.47	3.33	3.33	3.33	0.59	0.5	3.33	1.79 No	0.5 Element Fault
SOU075	454	'6719413_/_6719423'	2.27	3.33	3.33	3.33	0.59	0.5	3.33	1.79 No	0.5 Element Fault
SOU075	455	'6781706_/_6781716'	1.8	3.33	3.33	3.33	0.59	0.57	3.33	1.79 No	0.57 Element Fault
SOU075	456	'43976537_/_43976539'	1.8	3.33	3.33	3.33	0.59	0.5	3.33	1.79 No	0.5 Element Fault
SOU075	457	'6772184_/_6772181'	2.17	3.33	3.33	3.33	0.59	0.57	3.33	1.79 No	0.57 Element Fault
SOU075	458	'6772092_/_6772089'	4.9	10	10	10	1.76	1.7	10	5.38 No	1.7 Element Fault
SOU075	459	'6719654_/_6719651_2'	1.77	3.33	3.33	3.33	0.59	0.5	3.33	1.79 No	0.5 Element Fault
SOU075	460	'6719758_/_6719755'	1.77	3.33	3.33	3.33	0.59	0.5	3.33	1.79 No	0.5 Element Fault
SOU075	461	'6764217_/_6764214'	1.43	3.33	3.33	3.33	0.59	0.8	3.33	1.79 No	0.59 Thermal Discharging
SOU075	462	'6769739_/_6769736'	2	3.33	3.33	3.33	0.59	0.5	3.33	1.79 No	0.5 Element Fault
SOU075	463	'6719839_/_43976583'	2.07	3.33	3.33	3.33	0.59	0.5	3.33	1.79 No	0.5 Element Fault
SOU075	464	'6765999_/_6772106'	4.7	10	10	10	1.76	1.7	10	5.38 No	1.7 Element Fault
SOU075	465	'43976447_/_43976449'	1.97	3.33	3.33	3.33	0.59	0.5	3.33	1.79 No	0.5 Element Fault
SOU075	466	'43976570_/_6719794'	2.03	3.33	3.33	3.33	0.59	0.5	3.33	1.79 No	0.5 Element Fault
SOU075	467	'6719481_/_43976460'	2	3.33	3.33	3.33	0.59	0.5	3.33	1.79 No	0.5 Element Fault
SOU075	468	'43987440_/_6781740'	1.67	3.33	3.33	3.33	0.59	0.57	3.33	1.79 No	0.57 Element Fault
SOU075	469	'6719653_/_6719651_1'	1.63	3.33	3.33	3.33	0.59	0.5	3.33	1.79 No	0.5 Element Fault

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SOU075	470	'427656887_/_6766018'	4.6	10	10	1.76	1.7	10	5.38 No	1.7	Element Fault
SOU075	471	'43976559_/_6719768'	1.6	3.33	3.33	0.59	0.5	3.33	1.79 No	0.5	Element Fault
SOU075	472	'43987451_/_43987453'	1.63	3.33	3.33	0.59	0.57	3.33	1.79 No	0.57	Element Fault
SOU075	473	'43986058_/_427656895'	4.5	10	10	1.76	1.7	10	5.38 No	1.7	Element Fault
SOU075	474	'581542057_/_581542054'	1.37	3.33	3.33	0.59	0.8	3.33	1.79 No	0.59	Thermal Discharging
SOU075	475	'6719497_/_6719494'	1.83	3.33	3.33	0.59	0.5	3.33	1.79 No	0.5	Element Fault
SOU075	476	'427657004_/_427657001'	4.4	10	10	1.76	1.7	10	5.38 No	1.7	Element Fault
SOU075	477	'6719783_/_6719781'	1.8	3.33	3.33	0.59	0.5	3.33	1.79 No	0.5	Element Fault
SOU075	478	'6719399_/_6719397'	1.77	3.33	3.33	0.59	0.5	3.33	1.79 No	0.5	Element Fault
SOU075	479	'43986035_/_6765997'	2.87	6.67	6.67	1.18	1.13	6.67	3.59 No	1.13	Element Fault
SOU075	480	'574542789_/_574542681_1'	4.3	10	10	1.76	0.9	10	5.38 No	0.9	Element Fault
SOU075	481	'7774894_/_7774891_2'	2.87	6.67	6.67	1.18	0.7	6.67	3.59 No	0.7	Element Fault
SOU075	482	'6724738_/_6724735'	1.5	3.33	3.33	0.59	0.5	3.33	1.79 No	0.5	Element Fault
SOU075	483	'6781756_/_43987442'	1.53	3.33	3.33	0.59	0.57	3.33	1.79 No	0.57	Element Fault
SOU075	484	'6718051_/_6720481'	1.47	3.33	3.33	0.59	0.5	3.33	1.79 No	0.5	Element Fault
SOU075	485	'6766042_/_6766039'	4.2	10	10	1.76	1.7	10	5.38 No	1.7	Element Fault
SOU075	486	'43976592_/_6719852'	1.73	3.33	3.33	0.59	0.5	3.33	1.79 No	0.5	Element Fault
SOU075	487	'574542665_/_574542681_2'	4.2	10	10	1.76	0.9	10	5.38 No	0.9	Element Fault
SOU075	488	'7774893_/_7774891_1'	2.8	6.67	6.67	1.18	0.7	6.67	3.59 No	0.7	Element Fault
SOU075	489	'43976469_/_6719507'	1.73	3.33	3.33	0.59	0.5	3.33	1.79 No	0.5	Element Fault
SOU075	490	'427657022_/_427657019'	4.1	10	10	1.76	1.7	10	5.38 No	1.7	Element Fault
SOU075	491	'6781692_/_6781690'	1.5	3.33	3.33	0.59	0.57	3.33	1.79 No	0.57	Element Fault
SOU075	492	'6725919_/_6725929'	1.63	3.33	3.33	0.59	0.5	3.33	1.79 No	0.5	Element Fault
SOU075	493	'43986070_/_6766056'	4.1	10	10	1.76	1.7	10	5.38 No	1.7	Element Fault
SOU075	494	'6724929_/_6724927'	1.6	3.33	3.33	0.59	0.5	3.33	1.79 No	0.5	Element Fault
SOU075	495	'6781772_/_6781769'	1.43	3.33	3.33	0.59	0.57	3.33	1.79 No	0.57	Element Fault
SOU075	496	'43986047_/_6765981'	1.47	3.33	3.33	0.59	0.57	3.33	1.79 No	0.57	Element Fault
SOU075	497	'6718038_/_6718048'	1.37	3.33	3.33	0.59	0.5	3.33	1.79 No	0.5	Element Fault
SOU075	498	'6724751_/_6724748'	1.37	3.33	3.33	0.59	0.5	3.33	1.79 No	0.5	Element Fault
SOU075	499	'6774164_/_6774182'	4	10	10	1.76	1.7	10	5.38 No	1.7	Element Fault
SOU075	500	'699355006_/_699355003'	3.9	10	10	1.76	1.7	10	5.38 No	1.7	Element Fault
SOU075	501	'709410512_/_699355059_1'	3.9	10	10	1.76	0.9	10	5.38 No	0.9	Element Fault
SOU075	502	'6719868_/_6719865'	1.57	3.33	3.33	0.59	0.5	3.33	1.79 No	0.5	Element Fault
SOU075	503	'699355023_/_699355020'	3.9	10	10	1.76	1.7	10	5.38 No	1.7	Element Fault
SOU075	504	'709410501_/_699355137_1'	3.9	10	10	1.76	0.9	10	5.38 No	0.9	Element Fault
SOU075	505	'6781952_/_6781949'	1.4	3.33	3.33	0.59	0.57	3.33	1.79 No	0.57	Element Fault
SOU075	506	'43986083_/_6774162'	3.9	10	10	1.76	1.7	10	5.38 No	1.7	Element Fault
SOU075	507	'699355043_/_699355059_2'	3.8	10	10	1.76	0.9	10	5.38 No	0.9	Element Fault
SOU075	508	'709410523_/_709410394_1'	3.8	10	10	1.76	0.9	10	5.38 No	0.9	Element Fault
SOU075	509	'699355121_/_699355137_2'	3.8	10	10	1.76	0.9	10	5.38 No	0.9	Element Fault
SOU075	510	'43977121_/_6725916'	1.47	3.33	3.33	0.59	0.5	3.33	1.79 No	0.5	Element Fault
SOU075	511	'584772715_/_6725942_1'	1.47	3.33	3.33	0.59	0.5	3.33	1.79 No	0.5	Element Fault
SOU075	512	'6766078_/_6766076'	2.53	6.67	6.67	1.18	1.13	6.67	3.59 No	1.13	Element Fault
SOU075	513	'6765958_/_6765968'	1.47	3.33	3.33	0.59	0.57	3.33	1.79 No	0.57	Element Fault
SOU075	514	'43974265_/_6724940'	1.43	3.33	3.33	0.59	0.5	3.33	1.79 No	0.5	Element Fault
SOU075	515	'43976100_/_43976102'	1.23	3.33	3.33	0.59	0.5	3.33	1.79 No	0.5	Element Fault
SOU075	516	'6724764_/_6724761'	1.43	3.33	3.33	0.59	0.5	3.33	1.79 No	0.5	Element Fault
SOU075	517	'6764968_/_7113912_1'	1.23	3.33	3.33	0.59	0.5	3.33	1.79 No	0.5	Element Fault
SOU075	518	'6718025_/_6718022_2'	1.2	3.33	3.33	0.59	0.5	3.33	1.79 No	0.5	Element Fault
SOU075	519	'43985072_/_7113912_2'	1.2	3.33	3.33	0.59	0.5	3.33	1.79 No	0.5	Element Fault
SOU075	520	'6766094_/_6766091'	2.4	6.67	6.67	1.18	1.13	6.67	3.59 No	1.13	Element Fault
SOU075	521	'6747715_/_6765955'	1.43	3.33	3.33	0.59	0.57	3.33	1.79 No	0.57	Element Fault
SOU075	522	'654997400_/_654997397'	1.17	3.33	3.33	0.59	0.57	3.33	1.79 No	0.57	Element Fault
SOU075	523	'6718197_/_6724953'	1.33	3.33	3.33	0.59	0.5	3.33	1.79 No	0.5	Element Fault
SOU075	524	'43976603_/_6724774'	1.33	3.33	3.33	0.59	0.5	3.33	1.79 No	0.5	Element Fault
SOU075	525	'6718012_/_6718022_1'	1.13	3.33	3.33	0.59	0.5	3.33	1.79 No	0.5	Element Fault
SOU075	526	'6747714_/_43986026'	1.37	3.33	3.33	0.59	0.57	3.33	1.79 No	0.57	Element Fault
SOU075	527	'6764969_/_43985074'	1.13	3.33	3.33	0.59	0.5	3.33	1.79 No	0.5	Element Fault
SOU075	528	'6766133_/_6766112'	2.2	6.67	6.67	1.18	1.13	6.67	3.59 No	1.13	Element Fault
SOU075	529	'6718184_/_6718194'	1.27	3.33	3.33	0.59	0.5	3.33	1.79 No	0.5	Element Fault
SOU075	530	'6718011_/_6718009'	1.07	3.33	3.33	0.59	0.5	3.33	1.79 No	0.5	Element Fault
SOU075	531	'6719881_/_6719878'	1.27	3.33	3.33	0.59	0.5	3.33	1.79 No	0.5	Element Fault
SOU075	532	'6765897_/_6774288'	2.13	6.67	6.67	1.18	1.13	6.67	3.59 No	1.13	Element Fault
SOU075	533	'43986108_/_6766145'	1.1	3.33	3.33	0.59	0.57	3.33	1.79 No	0.57	Element Fault
SOU075	534	'6766671_/_6781547'	1.03	3.33	3.33	0.59	0.5	3.33	1.79 No	0.5	Element Fault
SOU075	535	'6718171_/_6718181'	1.17	3.33	3.33	0.59	0.5	3.33	1.79 No	0.5	Element Fault
SOU075	536	'43985083_/_7113925'	1.17	3.33	3.33	0.59	0.5	3.33	1.79 No	0.5	Element Fault
SOU075	537	'6766161_/_6766171'	1.13	3.33	3.33	0.59	0.57	3.33	1.79 No	0.57	Element Fault
SOU075	538	'624851913_/_6766669'	1	3.33	3.33	0.59	0.5	3.33	1.79 No	0.5	Element Fault
SOU075	539	'6765898_/_6765895'	2	6.67	6.67	1.18	1.13	6.67	3.59 No	1.13	Element Fault
SOU075	540	'6718170_/_6718168'	1.1	3.33	3.33	0.59	0.5	3.33	1.79 No	0.5	Element Fault
SOU075	541	'6764982_/_6764979'	1.1	3.33	3.33	0.59	0.5	3.33	1.79 No	0.5	Element Fault
SOU075	542	'581548801_/_6766882'	1.03	3.33	3.33	0.59	0.5	3.33	1.79 No	0.5	Element Fault
SOU076	0	'SOU076_/_8719172'	10	10	10	0.664	10	10	3.66 No	0.664	Thermal Discharging
SOU076	1	'8402538_/_8719172'	10	10	10	0.664	10	10	3.66 No	0.664	Thermal Discharging
SOU076	2	'8094409_/_8402536'	10	10	10	0.664	10	10	3.66 No	0.664	Thermal Discharging
SOU076	3	'7741163_/_8094406'	10	10	10	0.664	10	10	3.66 No	0.664	Thermal Discharging
SOU076	4	'7741164_/_7741161'	10	10	10	0.664	10	10	3.66 No	0.664	Thermal Discharging
SOU076	5	'8723130_/_9040661'	10	10	10	0.664	10	10	3.66 No	0.664	Thermal Discharging
SOU076	6	'8723131_/_8723128'	10	10	10	0.664	10	10	3.66 No	0.664	Thermal Discharging
SOU076	7	'8723170_/_9040313'	10	10	10	0.664	10	10	3.66 No	0.664	Thermal Discharging
SOU076	8	'8723171_/_8723168'	10	10	10	0.664	10	10	3.66 No	0.664	Thermal Discharging
SOU076	9	'8723190_/_9040333'	10	10	10	0.664	10	10	3.66 No	0.664	Thermal Discharging
SOU076	10	'8095786_/_8723188'	10	10	10	0.664	10	10	3.66 No	0.664	Thermal Discharging
SOU076	11	'7774682_/_8095784'	10	10	10	0.664	10	10	3.66 No	0.664	Thermal Discharging
SOU076	12	'8723250_/_9040373'	10	10	10	0.664	10	10	3.66 No	0.664	Thermal Discharging
SOU076	13	'8095826_/_8723248'	10	10	10	0.664	10	10	3.66 No	0.664	Thermal Discharging
SOU076	14	'7460801_/_8095824'	10	10	10	0.664	10	10	3.66 No	0.664	Thermal Discharging
SOU076	15	'7460802_/_7460799'	10	10	10	0.664	10	10	3.66 No	0.664	Thermal Discharging
SOU076	16	'7460821_/_8404124'	10	10	10	0.664	10	10	3.66 No	0.664	Thermal Discharging
SOU076	17	'7460822_/_7460819'	10	10	10	0.664	10	10	3.66 No	0.664	Thermal Discharging
SOU076	18	'8404146_/_9355200'	10	10	10	0.664	10	10	3.66 No	0.664	Thermal Discharging
SOU076	19	'8404147_/_8404144'	9.5	10	10	0.664	10	10	3.66 No	0.664	Thermal Discharging
SOU076	20	'8723211_/_8723208'	8.8	10	10	0.664	10	10	3.66 No	0.664	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SOU076	21	'8404242_/_9040393'	8.3	10	10	0.664	10	10	3.66 No	0.664	Thermal Discharging
SOU076	22	'8404243_/_8404240'	7.9	10	10	0.664	10	10	3.66 No	0.664	Thermal Discharging
SOU076	23	'8111004_/_8738398'	7.5	10	10	0.664	10	10	3.66 No	0.664	Thermal Discharging
SOU076	24	'8095907_/_8111002'	7.2	10	10	0.664	10	10	3.66 No	0.664	Thermal Discharging
SOU076	25	'7460974_/_8095904'	7.2	10	10	0.664	10	10	3.66 No	0.664	Thermal Discharging
SOU076	26	'7460973_/_7460971'	7.2	10	10	0.664	10	10	3.66 No	0.664	Thermal Discharging
SOU076	27	'69501683_/_9669030'	7.2	10	10	0.664	10	10	3.66 No	0.664	Thermal Discharging
SOU076	28	'403686806_/_69501681'	7.2	10	10	0.664	10	10	3.66 No	0.664	Thermal Discharging
SOU076	29	'69501707_/_69501705'	7.2	10	10	0.664	10	10	3.66 No	0.664	Thermal Discharging
SOU076	30	'69501695_/_69501699'	7.2	10	10	0.664	4.8	10	3.66 No	0.664	Thermal Discharging
SOU076	31	'69501671_/_69501675'	7.2	10	10	0.664	10	10	3.66 No	0.664	Thermal Discharging
SOU076	32	'37982863_/_69501866'	6.2	10	10	0.664	10	10	3.66 No	0.664	Thermal Discharging
SOU076	33	'405014446_/_37982860'	6.2	10	10	0.664	10	10	3.66 No	0.664	Thermal Discharging
SOU076	34	'37982835_/_37982832'	6.2	10	10	0.664	10	10	3.66 No	0.664	Thermal Discharging
SOU076	35	'37982821_/_37982818'	6.2	10	10	0.664	4.9	10	3.66 No	0.664	Thermal Discharging
SOU076	36	'37982849_/_37982853'	6.2	10	10	0.664	4.7	10	3.66 No	0.664	Thermal Discharging
SOU076	37	'8095706_/_551809160'	5.8	10	10	0.664	4.9	10	3.66 No	0.664	Thermal Discharging
SOU076	38	'8403988_/_551809203'	3.73	6.67	6.67	0.44	3.27	6.67	2.44 No	0.44	Thermal Discharging
SOU076	39	'8095926_/_9344112'	5.3	10	10	0.664	10	10	3.66 No	0.664	Thermal Discharging
SOU076	40	'8095691_/_9668858'	1.93	3.33	3.33	0.224	1.63	3.33	1.22 No	0.224	Thermal Discharging
SOU076	41	'7100092_/_7100090_1'	1.77	3.33	3.33	0.224	0.5	3.33	1.22 No	0.224	Thermal Discharging
SOU076	42	'572828710_/_8095924'	4.9	10	10	0.664	10	10	3.66 No	0.664	Thermal Discharging
SOU076	43	'572828752_/_572828827'	4.8	10	10	0.664	10	10	3.66 No	0.664	Thermal Discharging
SOU076	44	'57596078_/_572828758'	4.7	10	10	0.664	10	10	3.66 No	0.664	Thermal Discharging
SOU076	45	'69567631_/_57596242_1'	4.7	10	10	0.664	10	10	3.66 No	0.664	Thermal Discharging
SOU076	46	'70254418_/_57596242_2'	4.7	10	10	0.664	10	10	3.66 No	0.664	Thermal Discharging
SOU076	47	'5631746_/_7099873'	4.6	10	10	0.664	10	10	3.66 No	0.664	Thermal Discharging
SOU076	48	'37982702_/_551809143'	4.6	10	10	0.664	4.9	10	3.66 No	0.664	Thermal Discharging
SOU076	49	'405014613_/_37982699'	4.6	10	10	0.664	4.9	10	3.66 No	0.664	Thermal Discharging
SOU076	50	'69284437_/_57596046'	4.6	10	10	0.664	10	10	3.66 No	0.664	Thermal Discharging
SOU076	51	'37982694_/_37982692'	4.6	10	10	0.664	4.9	10	3.66 No	0.664	Thermal Discharging
SOU076	52	'405014630_/_405014627'	4.6	10	10	0.664	4.9	10	3.66 No	0.664	Thermal Discharging
SOU076	53	'37982708_/_37982706'	4.6	10	10	0.664	4.9	10	3.66 No	0.664	Thermal Discharging
SOU076	54	'57596306_/_57596167_2'	4.6	10	10	0.664	10	10	3.66 No	0.664	Thermal Discharging
SOU076	55	'43752376_/_5631744'	4.5	10	10	0.664	10	10	3.66 No	0.664	Thermal Discharging
SOU076	56	'6762840_/_6762891_2'	4.5	10	10	0.664	10	10	3.66 No	0.664	Thermal Discharging
SOU076	57	'57596014_/_57596167_1'	4.5	10	10	0.664	10	10	3.66 No	0.664	Thermal Discharging
SOU076	58	'43984496_/_6762891_1'	4.5	10	10	0.664	10	10	3.66 No	0.664	Thermal Discharging
SOU076	59	'43749280_/_7100090_2'	1.5	3.33	3.33	0.224	0.5	3.33	1.22 No	0.224	Thermal Discharging
SOU076	60	'57595993_/_6762837_2'	4.4	10	10	0.664	10	10	3.66 No	0.664	Thermal Discharging
SOU076	61	'5623010_/_5623007'	4.4	10	10	0.664	10	10	3.66 No	0.664	Thermal Discharging
SOU076	62	'43984417_/_6762837_1'	4.4	10	10	0.664	3.5	10	3.66 No	0.664	Thermal Discharging
SOU076	63	'43748070_/_5623024'	4.4	10	10	0.664	10	10	3.66 No	0.664	Thermal Discharging
SOU076	64	'43984404_/_6762710'	4.3	10	10	0.664	3.5	10	3.66 No	0.664	Thermal Discharging
SOU076	65	'6762679_/_6762693'	4.2	10	10	0.664	3.5	10	3.66 No	0.664	Thermal Discharging
SOU076	66	'5631649_/_5631646'	4.3	10	10	0.664	10	10	3.66 No	0.664	Thermal Discharging
SOU076	67	'612255999_/_473304962_1'	4.3	10	10	0.664	8	10	3.66 No	0.664	Thermal Discharging
SOU076	68	'6752456_/_6762676'	4.2	10	10	0.664	3.5	10	3.66 No	0.664	Thermal Discharging
SOU076	69	'8404283_/_8404280'	4.2	10	10	0.664	10	10	3.66 No	0.664	Thermal Discharging
SOU076	70	'9040256_/_654136254_2'	4	10	10	0.664	4.9	10	3.66 No	0.664	Thermal Discharging
SOU076	71	'37982681_/_654136254_1'	3.9	10	10	0.664	4.9	10	3.66 No	0.664	Thermal Discharging
SOU076	72	'405014697_/_37982685'	3.9	10	10	0.664	4.9	10	3.66 No	0.664	Thermal Discharging
SOU076	73	'37982653_/_37982657'	3.9	10	10	0.664	4.9	10	3.66 No	0.664	Thermal Discharging
SOU076	74	'405014722_/_405014719'	3.9	10	10	0.664	4.9	10	3.66 No	0.664	Thermal Discharging
SOU076	75	'6752439_/_6752453'	3.9	10	10	0.664	3.5	10	3.66 No	0.664	Thermal Discharging
SOU076	76	'438309865_/_438309885'	3.8	10	10	0.664	4.8	10	3.66 No	0.664	Thermal Discharging
SOU076	77	'5631734_/_43749282'	1.27	3.33	3.33	0.224	0.5	3.33	1.22 No	0.224	Thermal Discharging
SOU076	78	'394331297_/_394331316'	3.7	10	10	0.664	4.9	10	3.66 No	0.664	Thermal Discharging
SOU076	79	'7516935_/_8404004'	3.7	10	10	0.664	4.9	10	3.66 No	0.664	Thermal Discharging
SOU076	80	'8096020_/_8404300'	3.6	10	10	0.664	10	10	3.66 No	0.664	Thermal Discharging
SOU076	81	'6750073_/_6752436_2'	3.5	10	10	0.664	3.5	10	3.66 No	0.664	Thermal Discharging
SOU076	82	'43981107_/_6752436_1'	3.5	10	10	0.664	3.5	10	3.66 No	0.664	Thermal Discharging
SOU076	83	'37982667_/_37982664'	1.13	3.33	3.33	0.224	1.63	3.33	1.22 No	0.224	Thermal Discharging
SOU076	84	'8404323_/_9344132'	3.3	10	10	0.664	4.8	10	3.66 No	0.664	Thermal Discharging
SOU076	85	'43752699_/_5632152'	1.1	3.33	3.33	0.224	0.5	3.33	1.22 No	0.224	Thermal Discharging
SOU076	86	'7774873_/_8096018'	3.3	10	10	0.664	10	10	3.66 No	0.664	Thermal Discharging
SOU076	87	'85949851_/_7774871'	3.2	10	10	0.664	10	10	3.66 No	0.664	Thermal Discharging
SOU076	88	'403499734_/_85949855'	3.2	10	10	0.664	10	10	3.66 No	0.664	Thermal Discharging
SOU076	89	'85949865_/_85949862'	3.2	10	10	0.664	10	10	3.66 No	0.664	Thermal Discharging
SOU076	90	'85949823_/_85949827'	3.2	10	10	0.664	4.8	10	3.66 No	0.664	Thermal Discharging
SOU076	91	'85949837_/_85949834'	3.2	10	10	0.664	10	10	3.66 No	0.664	Thermal Discharging
SOU076	92	'572828644_/_8404320'	3.1	10	10	0.664	4.2	10	3.66 No	0.664	Thermal Discharging
SOU076	93	'6750053_/_6750070'	3.1	10	10	0.664	3.5	10	3.66 No	0.664	Thermal Discharging
SOU076	94	'579686257_/_9355104_2'	1.03	3.33	3.33	0.224	1.63	3.33	1.22 No	0.224	Thermal Discharging
SOU076	95	'43983608_/_9355104_1'	1	3.33	3.33	0.224	0.5	3.33	1.22 No	0.224	Thermal Discharging
SOU076	96	'572828677_/_572828812'	3	10	10	0.664	4.2	10	3.66 No	0.664	Thermal Discharging
SOU076	97	'102592529_/_85950589_2'	3	10	10	0.664	10	10	3.66 No	0.664	Thermal Discharging
SOU076	98	'65460133_/_85950589_1'	3	10	10	0.664	10	10	3.66 No	0.664	Thermal Discharging
SOU076	99	'6753452_/_65460179'	3	10	10	0.664	10	10	3.66 No	0.664	Thermal Discharging
SOU076	100	'102592817_/_85950717_1'	3	10	10	0.664	3.4	10	3.66 No	0.664	Thermal Discharging
SOU076	101	'43748208_/_87683885'	3	10	10	0.664	10	10	3.66 No	0.664	Thermal Discharging
SOU076	102	'579686927_/_5612191_1'	3	10	10	0.664	3.6	10	3.66 No	0.664	Thermal Discharging
SOU076	103	'5616962_/_43752701'	0.97	3.33	3.33	0.224	0.5	3.33	1.22 No	0.224	Thermal Discharging
SOU076	104	'37982954_/_572828681'	2.9	9.9	10	0.664	4.2	10	3.66 No	0.664	Thermal Discharging
SOU076	105	'37982947_/_37982958'	2.9	9.9	10	0.664	4.2	10	3.66 No	0.664	Thermal Discharging
SOU076	106	'405014423_/_405014420'	2.9	9.9	10	0.664	4.2	10	3.66 No	0.664	Thermal Discharging
SOU076	107	'37982968_/_37982972'	2.9	9.9	10	0.664	4.2	10	3.66 No	0.664	Thermal Discharging
SOU076	108	'37982940_/_37982944'	2.9	9.9	10	0.664	4.2	10	3.66 No	0.664	Thermal Discharging
SOU076	109	'43980965_/_43980967'	2.9	9.9	10	0.664	3.5	10	3.66 No	0.664	Thermal Discharging
SOU076	110	'87683718_/_6753423_2'	1	3.2	3.33	0.224	1.1	3.33	1.22 No	0.224	Thermal Discharging
SOU076	111	'5612194_/_5612191_2'	2.9	9.6	10	0.664	3.6	10	3.66 No	0.664	Thermal Discharging
SOU076	112	'6753413_/_6753423_1'	0.97	3.13	3.33	0.224	0.5	3.33	1.22 No	0.224	Thermal Discharging
SOU076	113	'9344171_/_9344168'	2.8	9.3	10	0.664	4.2	10	3.66 No	0.664	Thermal Discharging
SOU076	114	'5612211_/_5612208'	2.8	9.2	10	0.664	3.6	10	3.66 No	0.664	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SOU076	115	'43980952_/6750033'		2.7	9.1	10	0.664	3.5	10	3.66	No 0.664 Thermal Discharging
SOU076	116	'5632128_/43983610'		0.9	3.03	3.33	0.224	0.5	3.33	1.22	No 0.224 Thermal Discharging
SOU076	117	'5616963_/5616960'		0.9	3	3.33	0.224	0.5	3.33	1.22	No 0.224 Thermal Discharging
SOU076	118	'43748221_/5612225'		2.7	8.8	10	0.664	3.6	10	3.66	No 0.664 Thermal Discharging
SOU076	119	'85950834_/85950717_2'		2.6	8.6	10	0.664	3.4	10	3.66	No 0.664 Thermal Discharging
SOU076	120	'6760937_/6760951'		2.5	8.6	10	0.664	3.5	10	3.66	No 0.664 Thermal Discharging
SOU076	121	'675500607_/675500611'		2.5	8.6	10	0.664	3.3	10	3.66	No 0.664 Thermal Discharging
SOU076	122	'6760884_/6760968'		2.5	8.6	10	0.664	3.3	10	3.66	No 0.664 Thermal Discharging
SOU076	123	'85950858_/85950952'		1.67	5.67	6.67	0.44	2.27	6.67	2.44	No 0.44 Thermal Discharging
SOU076	124	'5612248_/5612245'		2.6	8.4	10	0.664	3.6	10	3.66	No 0.664 Thermal Discharging
SOU076	125	'7461086_/7461083'		1.67	5.4	6.67	0.44	2.8	6.67	2.44	No 0.44 Thermal Discharging
SOU076	126	'5621067_/5622872'		0.83	2.8	3.33	0.224	0.5	3.33	1.22	No 0.224 Thermal Discharging
SOU076	127	'5612265_/5612262'		2.5	8.3	10	0.664	3.6	10	3.66	No 0.664 Thermal Discharging
SOU076	128	'43984055_/6760934'		2.4	8.3	10	0.664	3.5	10	3.66	No 0.664 Thermal Discharging
SOU076	129	'6753400_/6753410'		0.87	2.73	3.33	0.224	0.5	3.33	1.22	No 0.224 Thermal Discharging
SOU076	130	'7461085_/9344188'		2.5	8.2	10	0.664	4.2	10	3.66	No 0.664 Thermal Discharging
SOU076	131	'43752688_/5632126'		0.8	2.7	3.33	0.224	0.5	3.33	1.22	No 0.224 Thermal Discharging
SOU076	132	'675500560_/675500564'		2.4	8	10	0.664	3.3	10	3.66	No 0.664 Thermal Discharging
SOU076	133	'6750019_/6760917'		2.3	7.8	10	0.664	3.5	10	3.66	No 0.664 Thermal Discharging
SOU076	134	'6749722_/6760894'		2.3	7.7	10	0.664	3.3	10	3.66	No 0.664 Thermal Discharging
SOU076	135	'77494956_/5622760'		0.77	2.57	3.33	0.224	0.5	3.33	1.22	No 0.224 Thermal Discharging
SOU076	136	'43752194_/5621065'		0.77	2.57	3.33	0.224	0.5	3.33	1.22	No 0.224 Thermal Discharging
SOU076	137	'85951448_/85951010'		2.3	7.6	10	0.664	3.4	10	3.66	No 0.664 Thermal Discharging
SOU076	138	'6753577_/6760881_2'		0.77	2.53	3.33	0.224	1.1	3.33	1.22	No 0.224 Thermal Discharging
SOU076	139	'6753387_/6753397'		0.8	2.5	3.33	0.224	0.5	3.33	1.22	No 0.224 Thermal Discharging
SOU076	140	'5616976_/5616973_1'		0.77	2.53	3.33	0.224	0.3	3.33	1.22	No 0.224 Thermal Discharging
SOU076	141	'43980832_/6760881_1'		2.7	2.5	3.33	0.224	0.5	3.33	1.22	No 0.224 Thermal Discharging
SOU076	142	'43980939_/6750016'		2.2	7.4	10	0.664	3.5	10	3.66	No 0.664 Thermal Discharging
SOU076	143	'43748939_/5622802'		2.3	7.4	10	0.664	3.5	10	3.66	No 0.664 Thermal Discharging
SOU076	144	'5616949_/5632139'		0.73	2.5	3.33	0.224	0.5	3.33	1.22	No 0.224 Thermal Discharging
SOU076	145	'6749723_/6749720'		2.2	7.4	10	0.664	3.3	10	3.66	No 0.664 Thermal Discharging
SOU076	146	'7461029_/8095966'		2.1	7.2	10	0.664	4.2	10	3.66	No 0.664 Thermal Discharging
SOU076	147	'85951288_/85951442'		1.4	4.73	6.67	0.44	2.27	6.65	2.44	No 0.44 Thermal Discharging
SOU076	148	'43980925_/43980927'		2.1	7	10	0.664	3.5	10	3.66	No 0.664 Thermal Discharging
SOU076	149	'5621081_/5621078'		0.7	2.37	3.33	0.224	0.5	3.33	1.22	No 0.224 Thermal Discharging
SOU076	150	'5614794_/5614791'		2.2	6.9	10	0.664	3.5	9.85	3.66	No 0.664 Thermal Discharging
SOU076	151	'43982818_/6753384'		0.73	2.33	3.33	0.224	0.5	3.28	1.22	No 0.224 Thermal Discharging
SOU076	152	'96581089_/85951137_1'		0.7	2.27	3.33	0.224	1.13	3.31	1.22	No 0.224 Thermal Discharging
SOU076	153	'5616950_/5616947'		0.67	2.3	3.33	0.224	0.5	3.32	1.22	No 0.224 Thermal Discharging
SOU076	154	'43980912_/43980914'		2	6.8	10	0.664	3.5	9.79	3.66	No 0.664 Thermal Discharging
SOU076	155	'8096041_/8096038'		0.67	2.23	3.33	0.224	1.4	3.32	1.22	No 0.224 Thermal Discharging
SOU076	156	'85951925_/85951982'		2	6.8	10	0.664	3.4	9.66	3.66	No 0.664 Thermal Discharging
SOU076	157	'85951978_/85951282'		2	6.8	10	0.664	3.4	9.66	3.66	No 0.664 Thermal Discharging
SOU076	158	'49233962_/9040681_2'		0.67	2.23	3.33	0.224	1.4	3.3	1.22	No 0.224 Thermal Discharging
SOU076	159	'85951079_/85951137_2'		0.7	2.23	3.33	0.224	1.13	3.27	1.22	No 0.224 Thermal Discharging
SOU076	160	'5616975_/5616973_2'		0.67	2.27	3.33	0.224	0.3	3.25	1.22	No 0.224 Thermal Discharging
SOU076	161	'96581099_/85951056_2'		0.7	2.23	3.33	0.224	1.13	3.26	1.22	No 0.224 Thermal Discharging
SOU076	162	'6764008_/9040681_1'		0.67	2.23	3.33	0.224	0.5	3.3	1.22	No 0.224 Thermal Discharging
SOU076	163	'43980820_/43980822'		0.7	2.23	3.33	0.224	0.5	3.21	1.22	No 0.224 Thermal Discharging
SOU076	164	'5614811_/5614808'		2.1	6.6	10	0.664	3.5	9.51	3.66	No 0.664 Thermal Discharging
SOU076	165	'393787850_/85951103_1'		0.67	2.2	3.33	0.224	0.5	3.21	1.22	No 0.224 Thermal Discharging
SOU076	166	'6999727_/85951103_2'		0.67	2.2	3.33	0.224	0.5	3.2	1.22	No 0.224 Thermal Discharging
SOU076	167	'6763995_/6764005'		0.67	2.17	3.33	0.224	0.5	3.23	1.22	No 0.224 Thermal Discharging
SOU076	168	'6753361_/6753371'		0.67	2.2	3.33	0.224	0.5	3.12	1.22	No 0.224 Thermal Discharging
SOU076	169	'43752205_/5621091'		0.67	2.2	3.33	0.224	0.5	3.18	1.22	No 0.224 Thermal Discharging
SOU076	170	'6764021_/6764018'		0.63	2.13	3.33	0.224	0.5	3.2	1.22	No 0.224 Thermal Discharging
SOU076	171	'43980809_/43980811'		0.67	2.13	3.33	0.224	0.5	3.09	1.22	No 0.224 Thermal Discharging
SOU076	172	'43752139_/5622885'		0.63	2.13	3.33	0.224	0.5	3.13	1.22	No 0.224 Thermal Discharging
SOU076	173	'5612086_/5622776'		0.63	2.17	3.33	0.224	0.3	3.11	1.22	No 0.224 Thermal Discharging
SOU076	174	'7461030_/7461027'		0.63	2.1	3.33	0.224	1.4	3.17	1.22	No 0.224 Thermal Discharging
SOU076	175	'49149053_/8723340_1'		0.63	2.1	3.33	0.224	0.5	3.17	1.22	No 0.224 Thermal Discharging
SOU076	176	'5621226_/5621224_1'		0.63	2.13	3.33	0.224	0.5	3.1	1.22	No 0.224 Thermal Discharging
SOU076	177	'6999714_/6999724'		0.63	2.07	3.33	0.224	0.5	3.08	1.22	No 0.224 Thermal Discharging
SOU076	178	'96581249_/85951683_1'		0.67	2.07	3.33	0.224	1.13	3.08	1.22	No 0.224 Thermal Discharging
SOU076	179	'6762811_/8723340_2'		0.63	2.1	3.33	0.224	0.5	3.16	1.22	No 0.224 Thermal Discharging
SOU076	180	'5614828_/5614825'		2	6.2	10	0.664	3.5	9.09	3.66	No 0.664 Thermal Discharging
SOU076	181	'7774857_/7774855'		0.6	2.07	3.33	0.224	1.4	3.14	1.22	No 0.224 Thermal Discharging
SOU076	182	'6999740_/6999737'		0.63	2.07	3.33	0.224	0.5	3.06	1.22	No 0.224 Thermal Discharging
SOU076	183	'85951549_/85951683_2'		0.63	2.03	3.33	0.224	1.13	3.05	1.22	No 0.224 Thermal Discharging
SOU076	184	'108503363_/85951510_2'		0.63	2.03	3.33	0.224	1.13	3.04	1.22	No 0.224 Thermal Discharging
SOU076	185	'5612087_/5612084'		0.63	2.07	3.33	0.224	0.3	3.01	1.22	No 0.224 Thermal Discharging
SOU076	186	'5621227_/5621224_2'		0.6	2.07	3.33	0.224	0.5	3.03	1.22	No 0.224 Thermal Discharging
SOU076	187	'6763982_/6763992'		0.6	2.03	3.33	0.224	0.5	3.04	1.22	No 0.224 Thermal Discharging
SOU076	188	'5621107_/43752207'		0.6	2.07	3.33	0.224	0.5	3	1.22	No 0.224 Thermal Discharging
SOU076	189	'7460921_/8723376'		1.8	6	10	0.664	4.2	9.09	3.66	No 0.664 Thermal Discharging
SOU076	190	'6762798_/6762808'		0.6	2.03	3.33	0.224	0.5	3.07	1.22	No 0.224 Thermal Discharging
SOU076	191	'6749619_/6753561'		0.63	2.03	3.33	0.224	0.5	2.96	1.22	No 0.224 Thermal Discharging
SOU076	192	'7460994_/9040621'		1.8	6.2	10	0.664	4.2	9.21	3.66	No 0.664 Thermal Discharging
SOU076	193	'96556671_/85951543_1'		0.63	2	3.33	0.224	0.5	3	1.22	No 0.224 Thermal Discharging
SOU076	194	'87684127_/85951543_2'		0.63	2	3.33	0.224	0.5	2.98	1.22	No 0.224 Thermal Discharging
SOU076	195	'43748175_/7125954'		0.6	2	3.33	0.224	0.5	3	1.22	No 0.224 Thermal Discharging
SOU076	196	'43982796_/43982798'		0.63	2	3.33	0.224	0.5	2.9	1.22	No 0.224 Thermal Discharging
SOU076	197	'7460993_/7460991'		1.2	3.93	6.67	0.44	2.8	6.04	2.44	No 0.44 Thermal Discharging
SOU076	198	'6762824_/6762821'		0.6	1.97	3.33	0.224	0.5	3	1.22	No 0.224 Thermal Discharging
SOU076	199	'44035124_/6999711'		0.6	1.93	3.33	0.224	0.5	2.92	1.22	No 0.224 Thermal Discharging
SOU076	200	'43748952_/5614842'		1.9	5.8	10	0.664	3.5	8.66	3.66	No 0.664 Thermal Discharging
SOU076	201	'43746284_/7099805'		0.6	1.93	3.33	0.224	0.5	2.9	1.22	No 0.224 Thermal Discharging
SOU076	202	'7774782_/7774779'		1.13	3.8	6.67	0.44	2.8	5.85	2.44	No 0.44 Thermal Discharging
SOU076	203	'44035157_/87684136'		0.6	1.9	3.33	0.224	0.5	2.88	1.22	No 0.224 Thermal Discharging
SOU076	204	'5612100_/5612097'		0.57	1.93	3.33	0.224	0.3	2.86	1.22	No 0.224 Thermal Discharging
SOU076	205	'6763981_/6763979'		0.57	1.9	3.33	0.224	0.5	2.89	1.22	No 0.224 Thermal Discharging
SOU076	206	'5621240_/5621237'		0.57	1.93	3.33	0.224	0.5	2.87	1.22	No 0.224 Thermal Discharging
SOU076	207	'6762797_/6762795'		0.57	1.9	3.33	0.224	0.5	2.91	1.22	No 0.224 Thermal Discharging
SOU076	208	'5621120_/5621117'		0.57	1.93	3.33	0.224	0.5	2.84	1.22	No 0.224 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over- Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SOU076	209	'6749606_/_6749616'		0.6	1.9	3.33	0.224	0.5	2.81	1.22	No 0.224 Thermal Discharging
SOU076	210	'6753335_/_6753345'		0.6	1.9	3.33	0.224	0.5	2.79	1.22	No 0.224 Thermal Discharging
SOU076	211	'43752710_/_7099890'		0.57	1.9	3.33	0.224	0.5	2.9	1.22	No 0.224 Thermal Discharging
SOU076	212	'5612113_/_5612110'		0.57	1.87	3.33	0.224	0.5	2.85	1.22	No 0.224 Thermal Discharging
SOU076	213	'6999935_/_6999932'		0.6	1.87	3.33	0.224	0.5	2.81	1.22	No 0.224 Thermal Discharging
SOU076	214	'6999688_/_6999698'		0.57	1.83	3.33	0.224	0.5	2.78	1.22	No 0.224 Thermal Discharging
SOU076	215	'5614862_/_5614859'		1.7	5.4	10	0.664	3.5	8.18	3.66	No 0.664 Thermal Discharging
SOU076	216	'5621133_/_5621130'		0.57	1.83	3.33	0.224	0.5	2.73	1.22	No 0.224 Thermal Discharging
SOU076	217	'5605412_/_43746286'		0.57	1.8	3.33	0.224	0.5	2.73	1.22	No 0.224 Thermal Discharging
SOU076	218	'6762944_/_6762967_2'		0.53	1.8	3.33	0.224	0.5	2.79	1.22	No 0.224 Thermal Discharging
SOU076	219	'5621253_/_5621250'		0.53	1.83	3.33	0.224	0.5	2.74	1.22	No 0.224 Thermal Discharging
SOU076	220	'43982807_/_6753332'		0.57	1.8	3.33	0.224	0.5	2.68	1.22	No 0.224 Thermal Discharging
SOU076	221	'7460922_/_7460919'		0.57	1.77	3.33	0.224	1.4	2.78	1.22	No 0.224 Thermal Discharging
SOU076	222	'86437078_/_9668994_2'		0.57	1.77	3.33	0.224	0.5	2.78	1.22	No 0.224 Thermal Discharging
SOU076	223	'7461014_/_7461011'		0.53	1.8	3.33	0.224	1.4	2.8	1.22	No 0.224 Thermal Discharging
SOU076	224	'49148879_/_7774839_1'		0.53	1.8	3.33	0.224	0.5	2.8	1.22	No 0.224 Thermal Discharging
SOU076	225	'6999844_/_6999854'		0.57	1.8	3.33	0.224	0.5	2.72	1.22	No 0.224 Thermal Discharging
SOU076	226	'43984430_/_6762967_1'		0.53	1.8	3.33	0.224	0.5	2.77	1.22	No 0.224 Thermal Discharging
SOU076	227	'5605466_/_7099821'		0.57	1.77	3.33	0.224	0.5	2.71	1.22	No 0.224 Thermal Discharging
SOU076	228	'49233955_/_9668994_3'		0.57	1.77	3.33	0.224	0.5	2.76	1.22	No 0.224 Thermal Discharging
SOU076	229	'6761888_/_6761886_1'		0.57	1.77	3.33	0.224	0.5	2.75	1.22	No 0.224 Thermal Discharging
SOU076	230	'6762856_/_7774839_2'		0.53	1.77	3.33	0.224	0.5	2.77	1.22	No 0.224 Thermal Discharging
SOU076	231	'5612126_/_5612123'		0.53	1.77	3.33	0.224	0.5	2.71	1.22	No 0.224 Thermal Discharging
SOU076	232	'6749593_/_6749603'		0.53	1.77	3.33	0.224	0.5	2.65	1.22	No 0.224 Thermal Discharging
SOU076	233	'6999675_/_6999685'		0.53	1.77	3.33	0.224	0.5	2.67	1.22	No 0.224 Thermal Discharging
SOU076	234	'5631057_/_5631761'		0.53	1.77	3.33	0.224	0.5	2.73	1.22	No 0.224 Thermal Discharging
SOU076	235	'5621149_/_5621146'		0.53	1.77	3.33	0.224	0.5	2.64	1.22	No 0.224 Thermal Discharging
SOU076	236	'6999831_/_6999841'		0.53	1.7	3.33	0.224	0.5	2.63	1.22	No 0.224 Thermal Discharging
SOU076	237	'43746306_/_5605464'		0.53	1.7	3.33	0.224	0.5	2.63	1.22	No 0.224 Thermal Discharging
SOU076	238	'43748965_/_5614876'		1.6	5.1	10	0.664	3.5	7.77	3.66	No 0.664 Thermal Discharging
SOU076	239	'43746295_/_5605422'		0.53	1.7	3.33	0.224	0.5	2.6	1.22	No 0.224 Thermal Discharging
SOU076	240	'43752150_/_5621263'		0.5	1.73	3.33	0.224	0.5	2.6	1.22	No 0.224 Thermal Discharging
SOU076	241	'6753272_/_6753282'		0.53	1.7	3.33	0.224	0.5	2.56	1.22	No 0.224 Thermal Discharging
SOU076	242	'5631058_/_5631055'		0.5	1.7	3.33	0.224	0.5	2.64	1.22	No 0.224 Thermal Discharging
SOU076	243	'43984509_/_6762867'		0.53	1.7	3.33	0.224	0.5	2.65	1.22	No 0.224 Thermal Discharging
SOU076	244	'43752216_/_5621159'		0.5	1.7	3.33	0.224	0.5	2.57	1.22	No 0.224 Thermal Discharging
SOU076	245	'43748186_/_5612136'		0.5	1.67	3.33	0.224	0.5	2.59	1.22	No 0.224 Thermal Discharging
SOU076	246	'43980798_/_43980800'		0.53	1.7	3.33	0.224	0.5	2.54	1.22	No 0.224 Thermal Discharging
SOU076	247	'6999662_/_6999672'		0.53	1.67	3.33	0.224	0.5	2.56	1.22	No 0.224 Thermal Discharging
SOU076	248	'43984218_/_6761886_2'		0.53	1.67	3.33	0.224	0.5	2.61	1.22	No 0.224 Thermal Discharging
SOU076	249	'6762931_/_6762941'		0.5	1.67	3.33	0.224	0.5	2.6	1.22	No 0.224 Thermal Discharging
SOU076	250	'6761904_/_6761902'		0.53	1.63	3.33	0.224	0.5	2.59	1.22	No 0.224 Thermal Discharging
SOU076	251	'6762857_/_6762854'		0.5	1.67	3.33	0.224	0.5	2.61	1.22	No 0.224 Thermal Discharging
SOU076	252	'44035146_/_44035148'		0.53	1.67	3.33	0.224	0.5	2.54	1.22	No 0.224 Thermal Discharging
SOU076	253	'5605480_/_43746308'		0.53	1.63	3.33	0.224	0.5	2.53	1.22	No 0.224 Thermal Discharging
SOU076	254	'6761889_/_7125983_1'		0.5	1.63	3.33	0.224	0.5	2.57	1.22	No 0.224 Thermal Discharging
SOU076	255	'6999649_/_6999659'		0.5	1.63	3.33	0.224	0.5	2.51	1.22	No 0.224 Thermal Discharging
SOU076	256	'5605438_/_5605435'		0.5	1.63	3.33	0.224	0.5	2.51	1.22	No 0.224 Thermal Discharging
SOU076	257	'6753259_/_6753269'		0.5	1.63	3.33	0.224	0.5	2.47	1.22	No 0.224 Thermal Discharging
SOU076	258	'37982779_/_9040585'		1.4	4.9	10	0.664	4.2	7.73	3.66	No 0.664 Thermal Discharging
SOU076	259	'37982771_/_37982769'		1.4	4.9	10	0.664	4.2	7.73	3.66	No 0.664 Thermal Discharging
SOU076	260	'405014594_/_405014591'		1.4	4.9	10	0.664	4.2	7.73	3.66	No 0.664 Thermal Discharging
SOU076	261	'37982793_/_37982797'		1.4	4.9	10	0.664	4.2	7.73	3.66	No 0.664 Thermal Discharging
SOU076	262	'37982772_/_37982783'		1.4	4.9	10	0.664	4.2	7.73	3.66	No 0.664 Thermal Discharging
SOU076	263	'579686706_/_5605448_1'		0.5	1.63	3.33	0.224	0.5	2.49	1.22	No 0.224 Thermal Discharging
SOU076	264	'43748191_/_43748188'		0.5	1.63	3.33	0.224	0.5	2.51	1.22	No 0.224 Thermal Discharging
SOU076	265	'6999805_/_6999815'		0.5	1.63	3.33	0.224	0.5	2.5	1.22	No 0.224 Thermal Discharging
SOU076	266	'5614896_/_43748967'		1.6	4.8	10	0.664	3.5	7.45	3.66	No 0.664 Thermal Discharging
SOU076	267	'9040491_/_9040509'		1.4	4.8	10	0.664	4.2	7.57	3.66	No 0.664 Thermal Discharging
SOU076	268	'5621279_/_5621276'		0.47	1.63	3.33	0.224	0.5	2.48	1.22	No 0.224 Thermal Discharging
SOU076	269	'5621175_/_43752218'		0.5	1.63	3.33	0.224	0.5	2.46	1.22	No 0.224 Thermal Discharging
SOU076	270	'6753246_/_6753256'		0.5	1.6	3.33	0.224	0.5	2.42	1.22	No 0.224 Thermal Discharging
SOU076	271	'43752721_/_7099903'		0.5	1.6	3.33	0.224	0.5	2.51	1.22	No 0.224 Thermal Discharging
SOU076	272	'6749567_/_6749577'		0.5	1.6	3.33	0.224	0.5	2.42	1.22	No 0.224 Thermal Discharging
SOU076	273	'6762251_/_6762300'		0.5	1.57	3.33	0.224	0.5	2.48	1.22	No 0.224 Thermal Discharging
SOU076	274	'5631225_/_7125983_2'		0.5	1.57	3.33	0.224	0.5	2.48	1.22	No 0.224 Thermal Discharging
SOU076	275	'43748083_/_5631068'		0.47	1.6	3.33	0.224	0.5	2.48	1.22	No 0.224 Thermal Discharging
SOU076	276	'6762056_/_6762928'		0.47	1.6	3.33	0.224	0.5	2.47	1.22	No 0.224 Thermal Discharging
SOU076	277	'44035113_/_6999646'		0.5	1.57	3.33	0.224	0.5	2.42	1.22	No 0.224 Thermal Discharging
SOU076	278	'5605493_/_5605490'		0.5	1.57	3.33	0.224	0.5	2.42	1.22	No 0.224 Thermal Discharging
SOU076	279	'6999792_/_6999802'		0.5	1.57	3.33	0.224	0.5	2.41	1.22	No 0.224 Thermal Discharging
SOU076	280	'5614913_/_5614910'		1.5	4.6	10	0.664	3.5	7.17	3.66	No 0.664 Thermal Discharging
SOU076	281	'5621292_/_5621289'		0.47	1.57	3.33	0.224	0.5	2.4	1.22	No 0.224 Thermal Discharging
SOU076	282	'6762880_/_6762878'		0.47	1.53	3.33	0.224	0.5	2.45	1.22	No 0.224 Thermal Discharging
SOU076	283	'5605451_/_5605448_2'		0.47	1.53	3.33	0.224	0.5	2.39	1.22	No 0.224 Thermal Discharging
SOU076	284	'5621188_/_5621185'		0.47	1.57	3.33	0.224	0.5	2.37	1.22	No 0.224 Thermal Discharging
SOU076	285	'6753233_/_6753243'		0.47	1.53	3.33	0.224	0.5	2.34	1.22	No 0.224 Thermal Discharging
SOU076	286	'7774821_/_9669010_2'		1.3	4.6	10	0.664	4.2	7.3	3.66	No 0.664 Thermal Discharging
SOU076	287	'7774802_/_7774799'		1.3	4.3	10	0.664	4.2	7.23	3.66	No 0.664 Thermal Discharging
SOU076	288	'6999779_/_6999789'		0.47	1.5	3.33	0.224	0.5	2.35	1.22	No 0.224 Thermal Discharging
SOU076	289	'5631099_/_5631774'		0.47	1.53	3.33	0.224	0.5	2.4	1.22	No 0.224 Thermal Discharging
SOU076	290	'44975713_/_5631084'		0.43	1.53	3.33	0.224	0.5	2.38	1.22	No 0.224 Thermal Discharging
SOU076	291	'6762043_/_6762053'		0.43	1.53	3.33	0.224	0.5	2.38	1.22	No 0.224 Thermal Discharging
SOU076	292	'5631170_/_5631223'		0.47	1.5	3.33	0.224	0.5	2.38	1.22	No 0.224 Thermal Discharging
SOU076	293	'6761917_/_9669010_1'		1.3	4.5	10	0.664	1.5	7.23	3.66	No 0.664 Thermal Discharging
SOU076	294	'6749538_/_6749564'		0.47	1.5	3.33	0.224	0.5	2.31	1.22	No 0.224 Thermal Discharging
SOU076	295	'5614930_/_5614927'		1.5	4.5	10	0.664	3.5	6.99	3.66	No 0.664 Thermal Discharging
SOU076	296	'43746317_/_5605503'		0.47	1.5	3.33	0.224	0.5	2.32	1.22	No 0.224 Thermal Discharging
SOU076	297	'43981377_/_43981379'		0.47	1.5	3.33	0.224	0.5	2.29	1.22	No 0.224 Thermal Discharging
SOU076	298	'5605599_/_5606750'		0.47	1.5	3.33	0.224	0.5	2.31	1.22	No 0.224 Thermal Discharging
SOU076	299	'43984441_/_6762980'		0.47	1.5	3.33	0.224	0.5	2.37	1.22	No 0.224 Thermal Discharging
SOU076	300	'43982722_/_43982724'		0.47	1.47	3.33	0.224	0.5	2.35	1.22	No 0.224 Thermal Discharging
SOU076	301	'6761918_/_6761915'		1.3	4.5	10	0.664	1.5	7.13	3.66	No 0.664 Thermal Discharging
SOU076	302	'6999623_/_6999633'		0.47	1.47	3.33	0.224	0.5	2.3	1.22	No 0.224 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SOU076	303	'6761759_/_6761932'	1.3	4.4	10	0.664	1.5	7.09	3.66 No	0.664	Thermal Discharging
SOU076	304	'43752227_/_5621198'	0.43	1.5	3.33	0.224	0.5	2.28	1.22 No	0.224	Thermal Discharging
SOU076	305	'43746354_/_5605597'	0.47	1.47	3.33	0.224	0.5	2.27	1.22 No	0.224	Thermal Discharging
SOU076	306	'7460938_/_9040529'	0.47	1.43	3.33	0.224	1.4	2.33	1.22 No	0.224	Thermal Discharging
SOU076	307	'43752649_/_5631544'	1.4	4.3	10	0.664	3.5	6.81	3.66 No	0.664	Thermal Discharging
SOU076	308	'6752561_/_6761756_2'	1.3	4.4	10	0.664	1.5	7.01	3.66 No	0.664	Thermal Discharging
SOU076	309	'49148884_/_8723324_1'	0.47	1.43	3.33	0.224	0.5	2.33	1.22 No	0.224	Thermal Discharging
SOU076	310	'43748105_/_7099919'	1.3	4.4	10	0.664	1.5	7	3.66 No	0.664	Thermal Discharging
SOU076	311	'43981155_/_6761756_1'	1.3	4.4	10	0.664	1.5	7	3.66 No	0.664	Thermal Discharging
SOU076	312	'43752161_/_5621302'	0.43	1.47	3.33	0.224	0.5	2.27	1.22 No	0.224	Thermal Discharging
SOU076	313	'6749525_/_6749535'	0.43	1.47	3.33	0.224	0.5	2.24	1.22 No	0.224	Thermal Discharging
SOU076	314	'5631171_/_5631168'	0.47	1.43	3.33	0.224	0.5	2.29	1.22 No	0.224	Thermal Discharging
SOU076	315	'5605519_/_5605516'	0.47	1.43	3.33	0.224	0.5	2.26	1.22 No	0.224	Thermal Discharging
SOU076	316	'44035135_/_44035137'	0.47	1.43	3.33	0.224	0.5	2.26	1.22 No	0.224	Thermal Discharging
SOU076	317	'6761776_/_8723324_2'	0.47	1.43	3.33	0.224	0.5	2.31	1.22 No	0.224	Thermal Discharging
SOU076	318	'5631100_/_5631097'	0.43	1.47	3.33	0.224	0.5	2.3	1.22 No	0.224	Thermal Discharging
SOU076	319	'7460937_/_7460935'	0.43	1.43	3.33	0.224	1.4	2.3	1.22 No	0.224	Thermal Discharging
SOU076	320	'5611929_/_5611926'	1.3	4.3	10	0.664	1.5	6.89	3.66 No	0.664	Thermal Discharging
SOU076	321	'6753207_/_6753217'	0.43	1.43	3.33	0.224	0.5	2.2	1.22 No	0.224	Thermal Discharging
SOU076	322	'6749554_/_6749551'	0.43	1.43	3.33	0.224	0.5	2.21	1.22 No	0.224	Thermal Discharging
SOU076	323	'43981120_/_43981122'	0.43	1.43	3.33	0.224	0.5	2.26	1.22 No	0.224	Thermal Discharging
SOU076	324	'6762225_/_6762235'	0.43	1.43	3.33	0.224	0.5	2.26	1.22 No	0.224	Thermal Discharging
SOU076	325	'6752544_/_6752558'	1.3	4.3	10	0.664	1.5	6.86	3.66 No	0.664	Thermal Discharging
SOU076	326	'6999571_/_6999620'	0.43	1.4	3.33	0.224	0.5	2.21	1.22 No	0.224	Thermal Discharging
SOU076	327	'5610923_/_43746356'	0.43	1.4	3.33	0.224	0.5	2.2	1.22 No	0.224	Thermal Discharging
SOU076	328	'45271840_/_5621211'	0.43	1.43	3.33	0.224	0.5	2.21	1.22 No	0.224	Thermal Discharging
SOU076	329	'43748118_/_5611943'	1.2	4.2	10	0.664	1.5	6.79	3.66 No	0.664	Thermal Discharging
SOU076	330	'6752527_/_6752541'	1.2	4.2	10	0.664	1.5	6.77	3.66 No	0.664	Thermal Discharging
SOU076	331	'6762095_/_6762954'	0.43	1.4	3.33	0.224	0.5	2.24	1.22 No	0.224	Thermal Discharging
SOU076	332	'5615111_/_43752651'	1.4	4.1	10	0.664	3.5	6.58	3.66 No	0.664	Thermal Discharging
SOU076	333	'6749485_/_6749522'	0.43	1.4	3.33	0.224	0.5	2.17	1.22 No	0.224	Thermal Discharging
SOU076	334	'43748164_/_5631181'	0.43	1.4	3.33	0.224	0.5	2.22	1.22 No	0.224	Thermal Discharging
SOU076	335	'5631586_/_5631584_1'	0.47	1.37	3.33	0.224	0.5	2.19	1.22 No	0.224	Thermal Discharging
SOU076	336	'43746398_/_5606737'	0.43	1.4	3.33	0.224	0.5	2.18	1.22 No	0.224	Thermal Discharging
SOU076	337	'5621318_/_43752163'	0.4	1.4	3.33	0.224	0.5	2.18	1.22 No	0.224	Thermal Discharging
SOU076	338	'6749632_/_6749629'	0.43	1.4	3.33	0.224	0.5	2.15	1.22 No	0.224	Thermal Discharging
SOU076	339	'43748094_/_5631110'	0.43	1.4	3.33	0.224	0.5	2.21	1.22 No	0.224	Thermal Discharging
SOU076	340	'5611963_/_5611960'	1.2	4.2	10	0.664	1.5	6.68	3.66 No	0.664	Thermal Discharging
SOU076	341	'6752510_/_6752524'	1.2	4.2	10	0.664	1.5	6.68	3.66 No	0.664	Thermal Discharging
SOU076	342	'43747247_/_5610933'	0.43	1.37	3.33	0.224	0.5	2.15	1.22 No	0.224	Thermal Discharging
SOU076	343	'6999753_/_6999763'	0.43	1.37	3.33	0.224	0.5	2.15	1.22 No	0.224	Thermal Discharging
SOU076	344	'6761873_/_6761870'	0.43	1.37	3.33	0.224	0.5	2.2	1.22 No	0.224	Thermal Discharging
SOU076	345	'6749486_/_6749483'	0.43	1.37	3.33	0.224	0.5	2.13	1.22 No	0.224	Thermal Discharging
SOU076	346	'6753206_/_6753204'	0.43	1.37	3.33	0.224	0.5	2.12	1.22 No	0.224	Thermal Discharging
SOU076	347	'43981142_/_6752507'	1.2	4.1	10	0.664	1.5	6.59	3.66 No	0.664	Thermal Discharging
SOU076	348	'5611983_/_5611980'	1.2	4.1	10	0.664	1.5	6.58	3.66 No	0.664	Thermal Discharging
SOU076	349	'43981399_/_43981401'	0.43	1.33	3.33	0.224	0.5	2.18	1.22 No	0.224	Thermal Discharging
SOU076	350	'5615094_/_5615108'	1.3	4	10	0.664	3.5	6.39	3.66 No	0.664	Thermal Discharging
SOU076	351	'6749645_/_6749642'	0.43	1.37	3.33	0.224	0.5	2.11	1.22 No	0.224	Thermal Discharging
SOU076	352	'6761952_/_6761962'	0.4	1.37	3.33	0.224	0.5	2.15	1.22 No	0.224	Thermal Discharging
SOU076	353	'6762082_/_6762092'	0.4	1.37	3.33	0.224	0.5	2.16	1.22 No	0.224	Thermal Discharging
SOU076	354	'5605743_/_5605740'	0.43	1.33	3.33	0.224	0.5	2.12	1.22 No	0.224	Thermal Discharging
SOU076	355	'69999610_/_6999750'	0.43	1.33	3.33	0.224	0.5	2.12	1.22 No	0.224	Thermal Discharging
SOU076	356	'44682367_/_5631194'	0.43	1.33	3.33	0.224	0.5	2.14	1.22 No	0.224	Thermal Discharging
SOU076	357	'6762212_/_6762222'	0.43	1.33	3.33	0.224	0.5	2.14	1.22 No	0.224	Thermal Discharging
SOU076	358	'6999570_/_6999568'	0.4	1.33	3.33	0.224	0.5	2.11	1.22 No	0.224	Thermal Discharging
SOU076	359	'6752476_/_6752490'	1.2	4	10	0.664	1.5	6.49	3.66 No	0.664	Thermal Discharging
SOU076	360	'5621334_/_43752174'	0.4	1.37	3.33	0.224	0.5	2.11	1.22 No	0.224	Thermal Discharging
SOU076	361	'5610949_/_43747249'	0.4	1.33	3.33	0.224	0.5	2.09	1.22 No	0.224	Thermal Discharging
SOU076	362	'5614946_/_5631584_2'	0.47	1.33	3.33	0.224	0.5	2.1	1.22 No	0.224	Thermal Discharging
SOU076	363	'43748099_/_43748096'	0.4	1.33	3.33	0.224	0.5	2.12	1.22 No	0.224	Thermal Discharging
SOU076	364	'5615077_/_5615091'	1.3	3.9	10	0.664	3.5	6.24	3.66 No	0.664	Thermal Discharging
SOU076	365	'6746640_/_6752473'	1.2	4	10	0.664	1.5	6.37	3.66 No	0.664	Thermal Discharging
SOU076	366	'6760520_/_6760517'	0.4	1.33	3.33	0.224	0.5	2.05	1.22 No	0.224	Thermal Discharging
SOU076	367	'43748142_/_7125970'	0.4	1.3	3.33	0.224	0.5	2.1	1.22 No	0.224	Thermal Discharging
SOU076	368	'6762199_/_6762287'	0.4	1.3	3.33	0.224	0.5	2.1	1.22 No	0.224	Thermal Discharging
SOU076	369	'6999597_/_6999607'	0.4	1.3	3.33	0.224	0.5	2.05	1.22 No	0.224	Thermal Discharging
SOU076	370	'6762069_/_6762079'	0.4	1.3	3.33	0.224	0.5	2.09	1.22 No	0.224	Thermal Discharging
SOU076	371	'5605612_/_5610959'	0.4	1.3	3.33	0.224	0.5	2.04	1.22 No	0.224	Thermal Discharging
SOU076	372	'6761951_/_43981002'	0.37	1.3	3.33	0.224	0.5	2.07	1.22 No	0.224	Thermal Discharging
SOU076	373	'43980843_/_6749655'	0.4	1.3	3.33	0.224	0.5	2.02	1.22 No	0.224	Thermal Discharging
SOU076	374	'44035091_/_44035093'	0.4	1.3	3.33	0.224	0.5	2.03	1.22 No	0.224	Thermal Discharging
SOU076	375	'43981072_/_43981074'	1.1	3.9	10	0.664	1.5	6.24	3.66 No	0.664	Thermal Discharging
SOU076	376	'43748978_/_5614944'	0.43	1.27	3.33	0.224	0.5	2.03	1.22 No	0.224	Thermal Discharging
SOU076	377	'6762133_/_6762209'	0.4	1.27	3.33	0.224	0.5	2.05	1.22 No	0.224	Thermal Discharging
SOU076	378	'5605756_/_5605753'	0.4	1.27	3.33	0.224	0.5	2.02	1.22 No	0.224	Thermal Discharging
SOU076	379	'43984011_/_6760530'	0.4	1.27	3.33	0.224	0.5	1.99	1.22 No	0.224	Thermal Discharging
SOU076	380	'6746606_/_6746620'	1.1	3.8	10	0.664	1.5	6.13	3.66 No	0.664	Thermal Discharging
SOU076	381	'43746365_/_5605610'	0.4	1.27	3.33	0.224	0.5	1.98	1.22 No	0.224	Thermal Discharging
SOU076	382	'6999584_/_6999594'	0.4	1.27	3.33	0.224	0.5	1.99	1.22 No	0.224	Thermal Discharging
SOU076	383	'5614736_/_5615074'	1.3	3.7	10	0.664	3.5	5.99	3.66 No	0.664	Thermal Discharging
SOU076	384	'6762186_/_6762196'	0.4	1.23	3.33	0.224	0.5	2.02	1.22 No	0.224	Thermal Discharging
SOU076	385	'5631141_/_5631210'	0.4	1.23	3.33	0.224	0.5	2.02	1.22 No	0.224	Thermal Discharging
SOU076	386	'6746589_/_6746603'	1.1	3.8	10	0.664	1.5	6.08	3.66 No	0.664	Thermal Discharging
SOU076	387	'5631521_/_5631531_1'	0.43	1.23	3.33	0.224	0.5	1.99	1.22 No	0.224	Thermal Discharging
SOU076	388	'43981131_/_6762066'	0.37	1.27	3.33	0.224	0.5	2.01	1.22 No	0.224	Thermal Discharging
SOU076	389	'6746572_/_6746586'	1.1	3.7	10	0.664	1.5	6.03	3.66 No	0.664	Thermal Discharging
SOU076	390	'6999558_/_6999964'	0.37	1.23	3.33	0.224	0.5	1.96	1.22 No	0.224	Thermal Discharging
SOU076	391	'452851198_/_5631531_2'	0.4	1.23	3.33	0.224	0.5	1.97	1.22 No	0.224	Thermal Discharging
SOU076	392	'6749671_/_6749668'	0.37	1.23	3.33	0.224	0.5	1.95	1.22 No	0.224	Thermal Discharging
SOU076	393	'5614960_/_5614957'	0.43	1.23	3.33	0.224	0.5	1.95	1.22 No	0.224	Thermal Discharging
SOU076	394	'6762134_/_6762131'	0.37	1.23	3.33	0.224	0.5	1.98	1.22 No	0.224	Thermal Discharging
SOU076	395	'5605626_/_5605623'	0.37	1.23	3.33	0.224	0.5	1.93	1.22 No	0.224	Thermal Discharging
SOU076	396	'43981059_/_6746569'	1.1	3.7	10	0.664	1.5	5.96	3.66 No	0.664	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SOU076	397	'43746409_/_5605766'	0.4	1.23	3.33	0.224	0.5	1.94	1.22 No	0.224	Thermal Discharging
SOU076	398	'43748904_/_5631531_3'	0.4	1.2	3.33	0.224	0.5	1.94	1.22 No	0.224	Thermal Discharging
SOU076	399	'5605769_/_5605779_1'	0.37	1.2	3.33	0.224	0.5	1.93	1.22 No	0.224	Thermal Discharging
SOU076	400	'6999583_/_44035104'	0.37	1.2	3.33	0.224	0.5	1.93	1.22 No	0.224	Thermal Discharging
SOU076	401	'6760546_/_43984013'	0.37	1.23	3.33	0.224	0.5	1.91	1.22 No	0.224	Thermal Discharging
SOU076	402	'6746555_/_6753600'	1.1	3.6	10	0.664	1.5	5.88	3.66 No	0.664	Thermal Discharging
SOU076	403	'5631142_/_5631139'	0.37	1.2	3.33	0.224	0.5	1.95	1.22 No	0.224	Thermal Discharging
SOU076	404	'5605639_/_5605636'	0.37	1.2	3.33	0.224	0.5	1.9	1.22 No	0.224	Thermal Discharging
SOU076	405	'5614723_/_5614733'	0.4	1.17	3.33	0.224	0.5	1.91	1.22 No	0.224	Thermal Discharging
SOU076	406	'43981388_/_43981390'	0.37	1.2	3.33	0.224	0.5	1.94	1.22 No	0.224	Thermal Discharging
SOU076	407	'5614976_/_5614973'	0.4	1.2	3.33	0.224	0.5	1.9	1.22 No	0.224	Thermal Discharging
SOU076	408	'43981046_/_6746552'	1.1	3.6	10	0.664	1.5	5.81	3.66 No	0.664	Thermal Discharging
SOU076	409	'44035080_/_6999555'	0.37	1.2	3.33	0.224	0.5	1.89	1.22 No	0.224	Thermal Discharging
SOU076	410	'6762029_/_6762027'	0.37	1.2	3.33	0.224	0.5	1.92	1.22 No	0.224	Thermal Discharging
SOU076	411	'5615040_/_5615054'	1.2	3.5	10	0.664	3.5	5.69	3.66 No	0.664	Thermal Discharging
SOU076	412	'6749684_/_6749681'	0.37	1.2	3.33	0.224	0.5	1.87	1.22 No	0.224	Thermal Discharging
SOU076	413	'6746537_/_6746535_2'	1	3.6	10	0.664	1.5	5.76	3.66 No	0.664	Thermal Discharging
SOU076	414	'5605652_/_5605649'	0.37	1.2	3.33	0.224	0.5	1.86	1.22 No	0.224	Thermal Discharging
SOU076	415	'43981033_/_6746535_1'	1	3.6	10	0.664	1.5	5.74	3.66 No	0.664	Thermal Discharging
SOU076	416	'5605782_/_5605779_2'	0.37	1.17	3.33	0.224	0.5	1.87	1.22 No	0.224	Thermal Discharging
SOU076	417	'5614710_/_5614720'	0.4	1.17	3.33	0.224	0.5	1.88	1.22 No	0.224	Thermal Discharging
SOU076	418	'5614749_/_5614746'	0.4	1.17	3.33	0.224	0.5	1.87	1.22 No	0.224	Thermal Discharging
SOU076	419	'6749498_/_6760556'	0.37	1.17	3.33	0.224	0.5	1.84	1.22 No	0.224	Thermal Discharging
SOU076	420	'43749083_/_5615538'	0.4	1.17	3.33	0.224	0.5	1.85	1.22 No	0.224	Thermal Discharging
SOU076	421	'43746376_/_5605662'	0.37	1.17	3.33	0.224	0.5	1.83	1.22 No	0.224	Thermal Discharging
SOU076	422	'43748153_/_5631152'	0.37	1.17	3.33	0.224	0.5	1.88	1.22 No	0.224	Thermal Discharging
SOU076	423	'6762160_/_6762170'	0.37	1.17	3.33	0.224	0.5	1.87	1.22 No	0.224	Thermal Discharging
SOU076	424	'6753527_/_6753544'	1	3.5	10	0.664	1.5	5.61	3.66 No	0.664	Thermal Discharging
SOU076	425	'6762264_/_6762274'	0.33	1.17	3.33	0.224	0.5	1.86	1.22 No	0.224	Thermal Discharging
SOU076	426	'6749697_/_6749694'	0.37	1.17	3.33	0.224	0.5	1.81	1.22 No	0.224	Thermal Discharging
SOU076	427	'6999532_/_6999542'	0.37	1.13	3.33	0.224	0.5	1.82	1.22 No	0.224	Thermal Discharging
SOU076	428	'5615023_/_5615037'	1.2	3.4	10	0.664	3.5	5.49	3.66 No	0.664	Thermal Discharging
SOU076	429	'5605678_/_5605675'	0.37	1.13	3.33	0.224	0.5	1.8	1.22 No	0.224	Thermal Discharging
SOU076	430	'5605795_/_5605792'	0.37	1.13	3.33	0.224	0.5	1.82	1.22 No	0.224	Thermal Discharging
SOU076	431	'117452890_/_5631505_1'	0.4	1.13	3.33	0.224	0.5	1.83	1.22 No	0.224	Thermal Discharging
SOU076	432	'43748915_/_5614762'	0.37	1.13	3.33	0.224	0.5	1.82	1.22 No	0.224	Thermal Discharging
SOU076	433	'5614697_/_5614707'	0.37	1.13	3.33	0.224	0.5	1.82	1.22 No	0.224	Thermal Discharging
SOU076	434	'5615554_/_5615551'	0.4	1.13	3.33	0.224	0.5	1.8	1.22 No	0.224	Thermal Discharging
SOU076	435	'117452880_/_5631505_2'	0.37	1.1	3.33	0.224	0.5	1.81	1.22 No	0.224	Thermal Discharging
SOU076	436	'579686543_/_43748155'	0.33	1.13	3.33	0.224	0.5	1.83	1.22 No	0.224	Thermal Discharging
SOU076	437	'6749499_/_6749496'	0.33	1.13	3.33	0.224	0.5	1.78	1.22 No	0.224	Thermal Discharging
SOU076	438	'6762147_/_6762157'	0.33	1.1	3.33	0.224	0.5	1.81	1.22 No	0.224	Thermal Discharging
SOU076	439	'5605691_/_5605688'	0.33	1.13	3.33	0.224	0.5	1.76	1.22 No	0.224	Thermal Discharging
SOU076	440	'6762017_/_6762261'	0.33	1.13	3.33	0.224	0.5	1.8	1.22 No	0.224	Thermal Discharging
SOU076	441	'5615567_/_5615564'	0.37	1.1	3.33	0.224	0.5	1.76	1.22 No	0.224	Thermal Discharging
SOU076	442	'43752638_/_5631489'	0.37	1.1	3.33	0.224	0.5	1.77	1.22 No	0.224	Thermal Discharging
SOU076	443	'6749710_/_6749707'	0.33	1.1	3.33	0.224	0.5	1.74	1.22 No	0.224	Thermal Discharging
SOU076	444	'5614641_/_5631505_3'	0.37	1.07	3.33	0.224	0.5	1.76	1.22 No	0.224	Thermal Discharging
SOU076	445	'43748893_/_43748895'	0.37	1.1	3.33	0.224	0.5	1.76	1.22 No	0.224	Thermal Discharging
SOU076	446	'6999531_/_6999529'	0.33	1.1	3.33	0.224	0.5	1.75	1.22 No	0.224	Thermal Discharging
SOU076	447	'43746420_/_5605805'	0.33	1.1	3.33	0.224	0.5	1.75	1.22 No	0.224	Thermal Discharging
SOU076	448	'43981022_/_6762014'	0.33	1.1	3.33	0.224	0.5	1.77	1.22 No	0.224	Thermal Discharging
SOU076	449	'5615006_/_5615020'	1.1	3.2	10	0.664	3.5	5.24	3.66 No	0.664	Thermal Discharging
SOU076	450	'579686597_/_5625592'	0.37	1.07	3.33	0.224	0.5	1.73	1.22 No	0.224	Thermal Discharging
SOU076	451	'6749512_/_6749509'	0.33	1.1	3.33	0.224	0.5	1.72	1.22 No	0.224	Thermal Discharging
SOU076	452	'5614778_/_43748917'	0.37	1.07	3.33	0.224	0.5	1.73	1.22 No	0.224	Thermal Discharging
SOU076	453	'6762121_/_6762144'	0.33	1.07	3.33	0.224	0.5	1.75	1.22 No	0.224	Thermal Discharging
SOU076	454	'43746387_/_5605701'	0.33	1.07	3.33	0.224	0.5	1.7	1.22 No	0.224	Thermal Discharging
SOU076	455	'5614628_/_43752640'	0.37	1.07	3.33	0.224	0.5	1.72	1.22 No	0.224	Thermal Discharging
SOU076	456	'6762108_/_6762118'	0.33	1.07	3.33	0.224	0.5	1.73	1.22 No	0.224	Thermal Discharging
SOU076	457	'43748882_/_5614639'	0.37	1.03	3.33	0.224	0.5	1.7	1.22 No	0.224	Thermal Discharging
SOU076	458	'5605821_/_5605818'	0.33	1.07	3.33	0.224	0.5	1.7	1.22 No	0.224	Thermal Discharging
SOU076	459	'44682110_/_5614681'	0.37	1.03	3.33	0.224	0.5	1.7	1.22 No	0.224	Thermal Discharging
SOU076	460	'5605717_/_5605714'	0.33	1.07	3.33	0.224	0.5	1.66	1.22 No	0.224	Thermal Discharging
SOU076	461	'5614529_/_5615003'	1.1	3.1	10	0.664	3.5	5.06	3.66 No	0.664	Thermal Discharging
SOU076	462	'6761991_/_6762001'	0.3	1.03	3.33	0.224	0.5	1.69	1.22 No	0.224	Thermal Discharging
SOU076	463	'6762107_/_6762105'	0.33	1.03	3.33	0.224	0.5	1.7	1.22 No	0.224	Thermal Discharging
SOU076	464	'5615472_/_7157688'	0.33	1.03	3.33	0.224	0.5	1.67	1.22 No	0.224	Thermal Discharging
SOU076	465	'5614655_/_43748884'	0.33	1.03	3.33	0.224	0.5	1.67	1.22 No	0.224	Thermal Discharging
SOU076	466	'5605834_/_5605831'	0.33	1.03	3.33	0.224	0.5	1.66	1.22 No	0.224	Thermal Discharging
SOU076	467	'5614615_/_5614626'	0.33	1.03	3.33	0.224	0.5	1.66	1.22 No	0.224	Thermal Discharging
SOU076	468	'43746505_/_5605727'	0.3	1.03	3.33	0.224	0.5	1.63	1.22 No	0.224	Thermal Discharging
SOU076	469	'43748926_/_43748928'	1	3	10	0.664	3.5	4.95	3.66 No	0.664	Thermal Discharging
SOU076	470	'43749061_/_5615470'	0.33	1	3.33	0.224	0.5	1.64	1.22 No	0.224	Thermal Discharging
SOU076	471	'5614988_/_5614986'	1	3	10	0.664	3.5	4.92	3.66 No	0.664	Thermal Discharging
SOU076	472	'5614671_/_5614668'	0.33	1	3.33	0.224	0.5	1.63	1.22 No	0.224	Thermal Discharging
SOU076	473	'5606201_/_5606198'	0.3	1	3.33	0.224	0.5	1.6	1.22 No	0.224	Thermal Discharging
SOU076	474	'6761978_/_6761988'	0.3	1	3.33	0.224	0.5	1.64	1.22 No	0.224	Thermal Discharging
SOU076	475	'5614602_/_5614613'	0.33	1	3.33	0.224	0.5	1.62	1.22 No	0.224	Thermal Discharging
SOU076	476	'5614549_/_5614546'	1	2.9	10	0.664	3.5	4.85	3.66 No	0.664	Thermal Discharging
SOU076	477	'5615486_/_5615483'	0.33	0.97	3.33	0.224	0.5	1.6	1.22 No	0.224	Thermal Discharging
SOU076	478	'43746431_/_5605844'	0.3	1	3.33	0.224	0.5	1.59	1.22 No	0.224	Thermal Discharging
SOU076	479	'43749028_/_5615386'	0.33	0.97	3.33	0.224	0.5	1.59	1.22 No	0.224	Thermal Discharging
SOU076	480	'5606214_/_5606211'	0.3	1	3.33	0.224	0.5	1.56	1.22 No	0.224	Thermal Discharging
SOU076	481	'6761977_/_6761975'	0.3	1	3.33	0.224	0.5	1.6	1.22 No	0.224	Thermal Discharging
SOU076	482	'5614603_/_5614600'	0.33	0.97	3.33	0.224	0.5	1.59	1.22 No	0.224	Thermal Discharging
SOU076	483	'43752662_/_5631597'	1	2.9	10	0.664	3.3	4.76	3.66 No	0.664	Thermal Discharging
SOU076	484	'5614566_/_5614563'	1	2.9	10	0.664	3.5	4.76	3.66 No	0.664	Thermal Discharging
SOU076	485	'579686274_/_8956553_1'	1	2.9	10	0.664	1.5	4.76	3.66 No	0.664	Thermal Discharging
SOU076	486	'8956556_/_8956553_2'	1	2.9	10	0.664	1.5	4.72	3.66 No	0.664	Thermal Discharging
SOU076	487	'43746516_/_5606224'	0.3	0.97	3.33	0.224	0.5	1.54	1.22 No	0.224	Thermal Discharging
SOU076	488	'5615402_/_43749030'	0.33	0.97	3.33	0.224	0.5	1.55	1.22 No	0.224	Thermal Discharging
SOU076	489	'5614583_/_5614580'	1	2.8	10	0.664	3.5	4.67	3.66 No	0.664	Thermal Discharging
SOU076	490	'5605860_/_5605857'	0.3	0.97	3.33	0.224	0.5	1.54	1.22 No	0.224	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SOU076	491	'5615499_/_5615496'	0.3	0.93	3.33	0.224	0.5	1.55	1.22 No	0.224	Thermal Discharging
SOU076	492	'43748989_/_5615235'	1	2.8	10	0.664	3.5	4.61	3.66 No	0.664	Thermal Discharging
SOU076	493	'5606240_/_43746518'	0.3	0.97	3.33	0.224	0.5	1.5	1.22 No	0.224	Thermal Discharging
SOU076	494	'43749039_/_5615412'	0.3	0.93	3.33	0.224	0.5	1.51	1.22 No	0.224	Thermal Discharging
SOU076	495	'5602113_/_43748991'	1	2.8	10	0.664	3.5	4.57	3.66 No	0.664	Thermal Discharging
SOU076	496	'5606253_/_5606250'	0.3	0.93	3.33	0.224	0.5	1.49	1.22 No	0.224	Thermal Discharging
SOU076	497	'5602112_/_5615370_2'	0.33	0.9	3.33	0.224	1.17	1.52	1.22 No	0.224	Thermal Discharging
SOU076	498	'5605873_/_5605870'	0.3	0.93	3.33	0.224	0.5	1.5	1.22 No	0.224	Thermal Discharging
SOU076	499	'5615512_/_5615509'	0.3	0.9	3.33	0.224	0.5	1.49	1.22 No	0.224	Thermal Discharging
SOU076	500	'5615431_/_5615428'	0.3	0.9	3.33	0.224	0.5	1.48	1.22 No	0.224	Thermal Discharging
SOU076	501	'43749002_/_5615269'	1	2.7	10	0.664	3.5	4.47	3.66 No	0.664	Thermal Discharging
SOU076	502	'5615360_/_5615370_1'	0.33	0.9	3.33	0.224	0.8	1.47	1.22 No	0.224	Thermal Discharging
SOU076	503	'5615444_/_5615441'	0.3	0.9	3.33	0.224	0.5	1.46	1.22 No	0.224	Thermal Discharging
SOU076	504	'5605886_/_5605883'	0.27	0.9	3.33	0.224	0.5	1.46	1.22 No	0.224	Thermal Discharging
SOU076	505	'5615289_/_5615286'	0.9	2.6	10	0.664	3.5	4.4	3.66 No	0.664	Thermal Discharging
SOU076	506	'5615457_/_5615454'	0.3	0.9	3.33	0.224	0.5	1.44	1.22 No	0.224	Thermal Discharging
SOU076	507	'5615326_/_5615323'	0.9	2.6	10	0.664	3.5	4.32	3.66 No	0.664	Thermal Discharging
SOU076	508	'43749015_/_5615340'	0.9	2.6	10	0.664	3.5	4.29	3.66 No	0.664	Thermal Discharging
SOU076	509	'43746442_/_5605896'	0.27	0.87	3.33	0.224	0.5	1.41	1.22 No	0.224	Thermal Discharging
SOU076	510	'5602125_/_5615357'	0.3	0.87	3.33	0.224	0.8	1.41	1.22 No	0.224	Thermal Discharging
SOU076	511	'573691624_/_5602023'	0.9	2.5	10	0.664	3.5	4.2	3.66 No	0.664	Thermal Discharging
SOU076	512	'5605912_/_5605909'	0.27	0.87	3.33	0.224	0.5	1.39	1.22 No	0.224	Thermal Discharging
SOU076	513	'644447007_/_573691681_1'	0.9	2.5	10	0.664	2.5	4.2	3.66 No	0.664	Thermal Discharging
SOU076	514	'644446928_/_573691681_2'	0.9	2.5	10	0.664	2.5	4.18	3.66 No	0.664	Thermal Discharging
SOU076	515	'644446927_/_573691160'	0.9	2.5	10	0.664	2.5	4.18	3.66 No	0.664	Thermal Discharging
SOU076	516	'644446940_/_573691190'	0.9	2.5	10	0.664	2.5	4.18	3.66 No	0.664	Thermal Discharging
SOU076	517	'644446932_/_573691166'	0.9	2.5	10	0.664	2.5	4.18	3.66 No	0.664	Thermal Discharging
SOU076	518	'644446936_/_573691178'	0.9	2.5	10	0.664	2.5	4.18	3.66 No	0.664	Thermal Discharging
SOU076	519	'5606269_/_5606266'	0.27	0.83	3.33	0.224	0.5	1.37	1.22 No	0.224	Thermal Discharging
SOU076	520	'5615196_/_5615193'	0.3	0.83	3.33	0.224	0.8	1.37	1.22 No	0.224	Thermal Discharging
SOU076	521	'5614516_/_5615180'	0.3	0.83	3.33	0.224	0.8	1.37	1.22 No	0.224	Thermal Discharging
SOU076	522	'43746527_/_5606279'	0.27	0.83	3.33	0.224	0.5	1.36	1.22 No	0.224	Thermal Discharging
SOU076	523	'5606295_/_43746529'	0.27	0.83	3.33	0.224	0.5	1.33	1.22 No	0.224	Thermal Discharging
SOU076	524	'573691551_/_573691584'	0.9	2.4	10	0.664	2.5	4.02	3.66 No	0.664	Thermal Discharging
SOU076	525	'5615209_/_5615206'	0.3	0.8	3.33	0.224	0.8	1.33	1.22 No	0.224	Thermal Discharging
SOU076	526	'5606308_/_5606305'	0.27	0.8	3.33	0.224	0.5	1.31	1.22 No	0.224	Thermal Discharging
SOU076	527	'5614503_/_5614513'	0.27	0.8	3.33	0.224	0.8	1.31	1.22 No	0.224	Thermal Discharging
SOU076	528	'5615222_/_5615219'	0.27	0.8	3.33	0.224	0.8	1.31	1.22 No	0.224	Thermal Discharging
SOU076	529	'5606321_/_5606318'	0.23	0.8	3.33	0.224	0.5	1.29	1.22 No	0.224	Thermal Discharging
SOU076	530	'5614490_/_5614500'	0.27	0.77	3.33	0.224	0.8	1.28	1.22 No	0.224	Thermal Discharging
SOU076	531	'5614477_/_5614487'	0.27	0.77	3.33	0.224	0.8	1.27	1.22 No	0.224	Thermal Discharging
SOU076	532	'573691795_/_573691235_2'	0.8	2.3	10	0.664	2.5	3.81	3.66 No	0.664	Thermal Discharging
SOU076	533	'644446981_/_573691235_1'	0.8	2.3	10	0.664	2.5	3.79	3.66 No	0.664	Thermal Discharging
SOU076	534	'114817025_/_573691557'	0.8	2.2	10	0.664	2.5	3.77	3.66 No	0.664	Thermal Discharging
SOU076	535	'114817081_/_114817078'	0.8	2.2	10	0.664	2.5	3.77	3.66 No	0.664	Thermal Discharging
SOU076	536	'114817067_/_114817085'	0.8	2.2	10	0.664	2.5	3.77	3.66 No	0.664	Thermal Discharging
SOU076	537	'5614476_/_5614474'	0.27	0.77	3.33	0.224	0.8	1.25	1.22 No	0.224	Thermal Discharging
SOU076	538	'114817124_/_111853488'	0.8	2.2	10	0.664	2.5	3.76	3.66 No	0.664	Thermal Discharging
SOU077	0	'SOU077_/_7773391'	10	10	10	1.592	10	10	4.39 No	1.592	Thermal Discharging
SOU077	1	'7773393_/_7773391'	10	10	10	1.592	10	10	4.39 No	1.592	Thermal Discharging
SOU077	2	'9353973_/_9667674'	10	10	10	1.592	10	10	4.39 No	1.592	Thermal Discharging
SOU077	3	'8402598_/_9353970'	10	10	10	1.592	10	10	4.39 No	1.592	Thermal Discharging
SOU077	4	'7772956_/_8402596'	10	10	10	1.592	10	10	4.39 No	1.592	Thermal Discharging
SOU077	5	'7459179_/_7772953'	10	10	10	1.592	10	10	4.39 No	1.592	Thermal Discharging
SOU077	6	'7459180_/_7459177_1'	10	10	10	1.592	10	10	4.39 No	1.592	Thermal Discharging
SOU077	7	'6694878_/_7459177_2'	10	10	10	1.592	10	10	4.39 No	1.592	Thermal Discharging
SOU077	8	'6694861_/_6694875_2'	10	10	10	1.592	10	10	4.39 No	1.592	Thermal Discharging
SOU077	9	'44053825_/_6694875_1'	10	10	10	1.592	10	10	4.39 No	1.592	Thermal Discharging
SOU077	10	'6688926_/_6694858'	10	10	10	1.592	10	10	4.39 No	1.592	Thermal Discharging
SOU077	11	'6694827_/_6694841'	10	10	10	1.592	10	10	4.39 No	1.592	Thermal Discharging
SOU077	12	'6697040_/_6697166'	10	10	10	1.592	10	10	4.39 No	1.592	Thermal Discharging
SOU077	13	'43970325_/_6697038'	10	10	10	1.592	10	10	4.39 No	1.592	Thermal Discharging
SOU077	14	'6694807_/_6694824'	10	10	10	1.592	10	10	4.39 No	1.592	Thermal Discharging
SOU077	15	'6694895_/_6694892'	10	10	10	1.592	10	10	4.39 No	1.592	Thermal Discharging
SOU077	16	'6667412_/_6667409'	10	10	10	1.592	10	10	4.39 No	1.592	Thermal Discharging
SOU077	17	'43970474_/_52348242'	10	10	10	1.592	7.1	10	4.39 No	1.592	Thermal Discharging
SOU077	18	'6688913_/_6694804'	10	10	10	1.592	10	10	4.39 No	1.592	Thermal Discharging
SOU077	19	'6705410_/_6705407'	10	10	10	1.592	10	10	4.39 No	1.592	Thermal Discharging
SOU077	20	'6667429_/_6667426'	10	10	10	1.592	10	10	4.39 No	1.592	Thermal Discharging
SOU077	21	'580385119_/_51313488_3'	10	10	10	1.592	3.4	10	4.39 No	1.592	Thermal Discharging
SOU077	22	'6688677_/_6694787'	10	10	10	1.592	10	10	4.39 No	1.592	Thermal Discharging
SOU077	23	'9039173_/_9039171_1'	10	10	10	1.592	3.6	10	4.39 No	1.592	Thermal Discharging
SOU077	24	'580385139_/_6688674_2'	10	10	10	1.592	10	10	4.39 No	1.592	Thermal Discharging
SOU077	25	'43970338_/_6667443'	10	10	10	1.592	10	10	4.39 No	1.592	Thermal Discharging
SOU077	26	'43972221_/_6705424'	10	10	10	1.592	10	10	4.39 No	1.592	Thermal Discharging
SOU077	27	'43968928_/_6688674_1'	10	10	10	1.592	3	10	4.39 No	1.592	Thermal Discharging
SOU077	28	'55341132_/_43972223_1'	10	10	10	1.592	10	10	4.39 No	1.592	Thermal Discharging
SOU077	29	'6697058_/_6697055'	10	10	10	1.592	10	10	4.39 No	1.592	Thermal Discharging
SOU077	30	'6667235_/_52348283'	10	10	10	1.592	7.1	10	4.39 No	1.592	Thermal Discharging
SOU077	31	'55341079_/_43972223_2'	10	10	10	1.592	10	10	4.39 No	1.592	Thermal Discharging
SOU077	32	'6688643_/_6688657'	10	10	10	1.592	3	10	4.39 No	1.592	Thermal Discharging
SOU077	33	'581118386_/_51313488_2'	10	10	10	1.592	3.4	10	4.39 No	1.592	Thermal Discharging
SOU077	34	'43972226_/_55341076'	10	10	10	1.592	10	10	4.39 No	1.592	Thermal Discharging
SOU077	35	'6705108_/_51623156'	10	10	10	1.592	10	10	4.39 No	1.592	Thermal Discharging
SOU077	36	'6697075_/_6697072'	10	10	10	1.592	10	10	4.39 No	1.592	Thermal Discharging
SOU077	37	'6705109_/_51623177'	10	10	10	1.592	10	10	4.39 No	1.592	Thermal Discharging
SOU077	38	'581118375_/_390040262_1'	10	10	10	1.592	1.6	10	4.39 No	1.592	Thermal Discharging
SOU077	39	'357469530_/_357469539'	10	10	10	1.592	7.1	10	4.39 No	1.592	Thermal Discharging
SOU077	40	'357469754_/_357469697_1'	10	10	10	1.592	1.5	10	4.39 No	1.5	Element Fault
SOU077	41	'6697092_/_6697089_1'	10	10	10	1.592	10	10	4.39 No	1.592	Thermal Discharging
SOU077	42	'43970417_/_6697089_2'	10	10	10	1.592	10	10	4.39 No	1.592	Thermal Discharging
SOU077	43	'6705129_/_51623198'	10	10	10	1.592	10	10	4.39 No	1.592	Thermal Discharging
SOU077	44	'52348159_/_52348304'	10	10	10	1.592	7.1	10	4.39 No	1.592	Thermal Discharging
SOU077	45	'6705149_/_51623219'	10	10	10	1.592	10	10	4.39 No	1.592	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
											VSR (MW)	Limiting Threshold
SOU077	46	'52348446_/52348405_1'		10	10	10	1.592	1.6	10	4.39 No	1.592	Thermal Discharging
SOU077	47	'6702678_/43970419'		9.9	10	10	1.592	1.0	10	4.39 No	1.592	Thermal Discharging
SOU077	48	'6705166_/51623240'		10	10	10	1.592	1.0	10	4.39 No	1.592	Thermal Discharging
SOU077	49	'61697464_/43972151_3'		10	10	10	1.592	3.4	10	4.39 No	1.592	Thermal Discharging
SOU077	50	'473009568_/390040262_2'		10	10	10	1.592	1.6	10	4.39 No	1.592	Thermal Discharging
SOU077	51	'6705183_/51623261'		10	10	10	1.592	1.0	10	4.39 No	1.592	Thermal Discharging
SOU077	52	'473009742_/473009667_1'		9.8	10	10	1.592	1.2	10	4.39 No	1.2	Element Fault
SOU077	53	'52348402_/52348405_2'		10	10	10	1.592	1.6	10	4.39 No	1.592	Thermal Discharging
SOU077	54	'580368952_/51623282'		10	10	10	1.592	1.0	10	4.39 No	1.592	Thermal Discharging
SOU077	55	'51302573_/43972151_2'		10	10	10	1.592	1.6	10	4.39 No	1.592	Thermal Discharging
SOU077	56	'466397066_/473009574_1'		9.5	10	10	1.592	1.6	10	4.39 No	1.592	Thermal Discharging
SOU077	57	'6705217_/580368950'		9.8	10	10	1.592	1.0	10	4.39 No	1.592	Thermal Discharging
SOU077	58	'6704666_/51623324'		9.6	10	10	1.592	1.0	10	4.39 No	1.592	Thermal Discharging
SOU077	59	'6704667_/6705034_1'		6.4	6.67	6.67	1.064	1	6.67	2.92 No	1	Element Fault
SOU077	60	'390040265_/473009574_2'		9.5	10	10	1.592	1.6	10	4.39 No	1.592	Thermal Discharging
SOU077	61	'6705251_/51623345'		9.4	10	10	1.592	1.0	10	4.39 No	1.592	Thermal Discharging
SOU077	62	'6688626_/6688640'		9.4	10	10	1.592	3	10	4.39 No	1.592	Thermal Discharging
SOU077	63	'6687197_/51313488_1'		8.7	10	10	1.592	3.3	10	4.39 No	1.592	Thermal Discharging
SOU077	64	'6704597_/51623366'		9.2	10	10	1.592	1.0	10	4.39 No	1.592	Thermal Discharging
SOU077	65	'357469409_/357469697_2'		8.5	10	10	1.592	1.5	10	4.39 No	1.5	Element Fault
SOU077	66	'6704555_/6704614'		6.67	6.67	6.67	1.064	1.07	6.67	2.92 No	1.064	Thermal Discharging
SOU077	67	'6705285_/51623387'		9.1	10	10	1.592	1.0	10	4.39 No	1.592	Thermal Discharging
SOU077	68	'6704632_/6705034_2'		6.4	6.67	6.67	1.064	1	6.67	2.92 No	1	Element Fault
SOU077	69	'6705302_/51623408'		8.9	10	10	1.592	1.0	10	4.39 No	1.592	Thermal Discharging
SOU077	70	'488106534_/473009667_2'		8.7	10	10	1.592	1.2	10	4.39 No	1.2	Element Fault
SOU077	71	'386902329_/43968967_2'		3.07	3.33	3.33	0.528	0.53	3.33	1.46 No	0.528	Thermal Discharging
SOU077	72	'488106604_/488106638'		8.4	10	10	1.592	1.2	10	4.39 No	1.2	Element Fault
SOU077	73	'6683779_/6705316'		8.6	10	10	1.592	1.0	10	4.39 No	1.592	Thermal Discharging
SOU077	74	'115056508_/6688897'		3.3	3.33	3.33	0.528	1.1	3.33	1.46 No	0.528	Thermal Discharging
SOU077	75	'6683780_/6687539_1'		2.87	3.33	3.33	0.528	0.5	3.33	1.46 No	0.5	Element Fault
SOU077	76	'392802246_/9039171_2'		9.1	10	10	1.592	3.6	10	4.39 No	1.592	Thermal Discharging
SOU077	77	'6692674_/6692671'		8.3	10	10	1.592	1.0	10	4.39 No	1.592	Thermal Discharging
SOU077	78	'488106570_/488106660'		2.8	3.33	3.33	0.528	0.4	3.33	1.46 No	0.4	Element Fault
SOU077	79	'6688609_/6688623'		8.4	10	10	1.592	3	10	4.39 No	1.592	Thermal Discharging
SOU077	80	'6692691_/6692688'		8.2	10	10	1.592	1.0	10	4.39 No	1.592	Thermal Discharging
SOU077	81	'6683793_/6687539_2'		2.77	3.33	3.33	0.528	0.5	3.33	1.46 No	0.5	Element Fault
SOU077	82	'69567842_/6705034_3'		6.47	6.67	6.67	1.064	1	6.67	2.92 No	1	Element Fault
SOU077	83	'6686578_/6692705'		7.9	10	10	1.592	1.0	10	4.39 No	1.592	Thermal Discharging
SOU077	84	'6683473_/6704629'		6.47	6.67	6.67	1.064	1	6.67	2.92 No	1	Element Fault
SOU077	85	'43972175_/6705034_4'		6.47	6.67	6.67	1.064	1	6.67	2.92 No	1	Element Fault
SOU077	86	'69567997_/6686527_1'		7.9	10	10	1.592	1.6	10	4.39 No	1.592	Thermal Discharging
SOU077	87	'6687198_/6687195'		2.93	3.33	3.33	0.528	1.1	3.33	1.46 No	0.528	Thermal Discharging
SOU077	88	'6692725_/6692722'		7.7	10	10	1.592	1.0	10	4.39 No	1.592	Thermal Discharging
SOU077	89	'69568002_/6686527_2'		7.7	10	10	1.592	1.6	10	4.39 No	1.592	Thermal Discharging
SOU077	90	'6692742_/6692739'		7.5	10	10	1.592	1.0	10	4.39 No	1.592	Thermal Discharging
SOU077	91	'51622563_/43972151_1'		7.7	10	10	1.592	1.6	10	4.39 No	1.592	Thermal Discharging
SOU077	92	'43967426_/43967428'		6	6.67	6.67	1.064	1.07	6.67	2.92 No	1.064	Thermal Discharging
SOU077	93	'473009851_/488106574_1'		2.83	3.33	3.33	0.528	0.3	3.33	1.46 No	0.3	Element Fault
SOU077	94	'392802332_/392802351'		8.1	10	10	1.592	3.6	10	4.39 No	1.592	Thermal Discharging
SOU077	95	'6667168_/6688606'		7.8	10	10	1.592	3	10	4.39 No	1.592	Thermal Discharging
SOU077	96	'6684214_/6692756'		7.3	10	10	1.592	1.0	10	4.39 No	1.592	Thermal Discharging
SOU077	97	'6683458_/6683470'		6.2	6.67	6.67	1.064	1	6.67	2.92 No	1	Element Fault
SOU077	98	'6684215_/6684225_1'		2.43	3.33	3.33	0.528	0.5	3.33	1.46 No	0.5	Element Fault
SOU077	99	'6704766_/6704764_1'		7.7	10	10	1.592	1.6	10	4.39 No	1.592	Thermal Discharging
SOU077	100	'6666904_/6687539_3'		2.47	3.33	3.33	0.528	0.5	3.33	1.46 No	0.5	Element Fault
SOU077	101	'6667169_/6667166_1'		5.07	6.67	6.67	1.064	1	6.67	2.92 No	1	Element Fault
SOU077	102	'473009622_/488106574_2'		2.83	3.33	3.33	0.528	0.3	3.33	1.46 No	0.3	Element Fault
SOU077	103	'43968255_/6692773'		7	10	10	1.592	1.0	10	4.39 No	1.592	Thermal Discharging
SOU077	104	'6684042_/6686527_3'		7.1	10	10	1.592	1.6	10	4.39 No	1.592	Thermal Discharging
SOU077	105	'6684228_/6684225_2'		2.43	3.33	3.33	0.528	0.5	3.33	1.46 No	0.5	Element Fault
SOU077	106	'43968965_/43968967_1'		2.83	3.33	3.33	0.528	0.5	3.33	1.46 No	0.5	Element Fault
SOU077	107	'43970535_/43970537'		2.8	3.33	3.33	0.528	0.3	3.33	1.46 No	0.3	Element Fault
SOU077	108	'6685918_/6693987'		6.8	10	10	1.592	1.0	10	4.39 No	1.592	Thermal Discharging
SOU077	109	'6688874_/43970045'		2.63	3.33	3.33	0.528	1.1	3.33	1.46 No	0.528	Thermal Discharging
SOU077	110	'117751658_/6667166_2'		4.8	6.67	6.67	1.064	1	6.67	2.92 No	1	Element Fault
SOU077	111	'6685919_/6685929_1'		2.27	3.33	3.33	0.528	0.5	3.33	1.46 No	0.5	Element Fault
SOU077	112	'8718938_/8718936_1'		2.37	3.33	3.33	0.528	0.3	3.33	1.46 No	0.3	Element Fault
SOU077	113	'6704767_/6704764_2'		7	10	10	1.592	1.6	10	4.39 No	1.592	Thermal Discharging
SOU077	114	'6694010_/6694007'		6.7	10	10	1.592	1.0	10	4.39 No	1.592	Thermal Discharging
SOU077	115	'6685932_/6685929_2'		2.3	3.33	3.33	0.528	0.5	3.33	1.46 No	0.5	Element Fault
SOU077	116	'392802290_/392802377'		7.4	10	10	1.592	3.6	10	4.39 No	1.592	Thermal Discharging
SOU077	117	'6694027_/6694024'		6.7	10	10	1.592	1.0	10	4.39 No	1.592	Thermal Discharging
SOU077	118	'43968551_/6686589'		2.6	3.33	3.33	0.528	0.53	3.33	1.46 No	0.528	Thermal Discharging
SOU077	119	'8718939_/8718936_2'		2.37	3.33	3.33	0.528	0.3	3.33	1.46 No	0.3	Element Fault
SOU077	120	'43968953_/6667166_3'		4.6	6.67	6.67	1.064	1	6.67	2.92 No	1	Element Fault
SOU077	121	'6688575_/6688589'		6.9	10	10	1.592	3	10	4.39 No	1.592	Thermal Discharging
SOU077	122	'6686139_/6694041'		6.6	10	10	1.592	1.0	10	4.39 No	1.592	Thermal Discharging
SOU077	123	'43967678_/6684039'		6.6	10	10	1.592	1.6	10	4.39 No	1.592	Thermal Discharging
SOU077	124	'43970303_/6687208'		2.47	3.33	3.33	0.528	1.1	3.33	1.46 No	0.528	Thermal Discharging
SOU077	125	'43967498_/6683455'		5.33	6.67	6.67	1.064	1	6.67	2.92 No	1	Element Fault
SOU077	126	'6687477_/6684225_3'		2.47	3.33	3.33	0.528	0.5	3.33	1.46 No	0.5	Element Fault
SOU077	127	'6704901_/6704898'		2.63	3.33	3.33	0.528	0.5	3.33	1.46 No	0.5	Element Fault
SOU077	128	'6686140_/6686150_1'		2.13	3.33	3.33	0.528	0.5	3.33	1.46 No	0.5	Element Fault
SOU077	129	'6694064_/6694061'		6.4	10	10	1.592	1.0	10	4.39 No	1.592	Thermal Discharging
SOU077	130	'6667502_/473009628'		2.53	3.33	3.33	0.528	0.3	3.33	1.46 No	0.3	Element Fault
SOU077	131	'6683767_/6686514'		2.17	3.33	3.33	0.528	0.5	3.33	1.46 No	0.5	Element Fault
SOU077	132	'6687464_/6685929_3'		2.3	3.33	3.33	0.528	0.5	3.33	1.46 No	0.5	Element Fault
SOU077	133	'6683023_/6704537'		5	6.67	6.67	1.064	1.07	6.67	2.92 No	1.064	Thermal Discharging
SOU077	134	'6694081_/6694078'		6.4	10	10	1.592	1.0	10	4.39 No	1.592	Thermal Discharging
SOU077	135	'43966613_/6686550'		2.47	3.33	3.33	0.528	0.5	3.33	1.46 No	0.5	Element Fault
SOU077	136	'6686127_/6686150_2'		2.1	3.33	3.33	0.528	0.5	3.33	1.46 No	0.5	Element Fault
SOU077	137	'6693973_/6694095'		6.3	10	10	1.592	1.0	10	4.39 No	1.592	Thermal Discharging
SOU077	138	'6666905_/6666902'		2.07	3.33	3.33	0.528	0.5	3.33	1.46 No	0.5	Element Fault
SOU077	139	'6688772_/6688785'		2.13	3.33	3.33	0.528	0.5	3.33	1.46 No	0.5	Element Fault

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SOU077	140	'43970032_/_6691236'		2.3	3.33	3.33	0.528	1.1	3.33	1.46 No	0.528 Thermal Discharging
SOU077	141	'6667462_/_6667525'		2.13	3.33	3.33	0.528	0.5	3.33	1.46 No	0.5 Element Fault
SOU077	142	'6693956_/_6693970'		6.2	10	10	1.592	10	10	4.39 No	1.592 Thermal Discharging
SOU077	143	'6704953_/_6704950'		2.37	3.33	3.33	0.528	0.5	3.33	1.46 No	0.5 Element Fault
SOU077	144	'6683428_/_6683440'		4.73	6.67	6.67	1.064	1	6.67	2.92 No	1 Element Fault
SOU077	145	'6694115_/_6694112'		6.1	10	10	1.592	10	10	4.39 No	1.592 Thermal Discharging
SOU077	146	'43968375_/_43968377'		6.2	10	10	1.592	10	10	4.39 No	1.592 Thermal Discharging
SOU077	147	'6688558_/_6688572'		6.4	10	10	1.592	3	10	4.39 No	1.592 Thermal Discharging
SOU077	148	'580385730_/_6683038'		4.53	6.67	6.67	1.064	1.07	6.67	2.92 No	1.064 Thermal Discharging
SOU077	149	'6666931_/_43968553'		2.6	3.33	3.33	0.528	0.53	3.33	1.46 No	0.528 Thermal Discharging
SOU077	150	'579877475_/_6694129'		6.1	10	10	1.592	10	10	4.39 No	1.592 Thermal Discharging
SOU077	151	'6691161_/_6691171'		2.23	3.33	3.33	0.528	0.5	3.33	1.46 No	0.5 Element Fault
SOU077	152	'6693919_/_6693933'		6.1	10	10	1.592	10	10	4.39 No	1.592 Thermal Discharging
SOU077	153	'6687984_/_6687981'		2.3	3.33	3.33	0.528	0.5	3.33	1.46 No	0.5 Element Fault
SOU077	154	'6685893_/_6686563'		2.3	3.33	3.33	0.528	0.5	3.33	1.46 No	0.5 Element Fault
SOU077	155	'43968362_/_6693916'		6	10	10	1.592	10	10	4.39 No	1.592 Thermal Discharging
SOU077	156	'6684008_/_6684022'		5.8	10	10	1.592	1.6	10	4.39 No	1.592 Thermal Discharging
SOU077	157	'6688771_/_6688769'		2	3.33	3.33	0.528	0.5	3.33	1.46 No	0.5 Element Fault
SOU077	158	'8402638_/_392802294'		6.1	10	10	1.592	3.6	10	4.39 No	1.592 Thermal Discharging
SOU077	159	'6683754_/_6683764_2'		1.97	3.33	3.33	0.528	0.5	3.33	1.46 No	0.5 Element Fault
SOU077	160	'6693885_/_6693899'		5.9	10	10	1.592	10	10	4.39 No	1.592 Thermal Discharging
SOU077	161	'321382040_/_321382080'		6	10	10	1.592	3.6	10	4.39 No	1.592 Thermal Discharging
SOU077	162	'6688541_/_6688555'		6	10	10	1.592	3	10	4.39 No	1.592 Thermal Discharging
SOU077	163	'6704969_/_6704966'		2.07	3.33	3.33	0.528	0.5	3.33	1.46 No	0.5 Element Fault
SOU077	164	'117751631_/_6688752_1'		6	10	10	1.592	1.6	10	4.39 No	1.592 Thermal Discharging
SOU077	165	'43968312_/_6686124'		1.9	3.33	3.33	0.528	0.5	3.33	1.46 No	0.5 Element Fault
SOU077	166	'6693851_/_6693865'		5.8	10	10	1.592	10	10	4.39 No	1.592 Thermal Discharging
SOU077	167	'43967615_/_6683764_1'		1.9	3.33	3.33	0.528	0.5	3.33	1.46 No	0.5 Element Fault
SOU077	168	'43968584_/_6687848'		2.3	3.33	3.33	0.528	0.5	3.33	1.46 No	0.5 Element Fault
SOU077	169	'6704914_/_6704911'		2.03	3.33	3.33	0.528	0.5	3.33	1.46 No	0.5 Element Fault
SOU077	170	'6667515_/_6667512'		1.97	3.33	3.33	0.528	0.3	3.33	1.46 No	0.3 Element Fault
SOU077	171	'6683413_/_6683425'		4	6.67	6.67	1.064	1	6.67	2.92 No	1 Element Fault
SOU077	172	'43970546_/_6667460'		1.87	3.33	3.33	0.528	0.5	3.33	1.46 No	0.5 Element Fault
SOU077	173	'6687224_/_43970305'		1.9	3.33	3.33	0.528	1.1	3.33	1.46 No	0.528 Thermal Discharging
SOU077	174	'6693834_/_6693848_2'		5.7	10	10	1.592	10	10	4.39 No	1.592 Thermal Discharging
SOU077	175	'6666944_/_6666941'		2.17	3.33	3.33	0.528	0.53	3.33	1.46 No	0.528 Thermal Discharging
SOU077	176	'117751638_/_6688752_2'		5.6	10	10	1.592	1.6	10	4.39 No	1.592 Thermal Discharging
SOU077	177	'43968349_/_6693848_1'		5.7	10	10	1.592	10	10	4.39 No	1.592 Thermal Discharging
SOU077	178	'43970021_/_6691223'		1.87	3.33	3.33	0.528	1.1	3.33	1.46 No	0.528 Thermal Discharging
SOU077	179	'6704982_/_6704979'		1.9	3.33	3.33	0.528	0.5	3.33	1.46 No	0.5 Element Fault
SOU077	180	'6693817_/_6693831'		5.6	10	10	1.592	10	10	4.39 No	1.592 Thermal Discharging
SOU077	181	'6666918_/_6666915'		1.8	3.33	3.33	0.528	0.5	3.33	1.46 No	0.5 Element Fault
SOU077	182	'398976782_/_398976786'		5.4	10	10	1.592	3.6	10	4.39 No	1.592 Thermal Discharging
SOU077	183	'6684189_/_6684199'		2.1	3.33	3.33	0.528	0.5	3.33	1.46 No	0.5 Element Fault
SOU077	184	'43967665_/_6684005'		5.3	10	10	1.592	1.6	10	4.39 No	1.592 Thermal Discharging
SOU077	185	'43967414_/_6683020'		3.67	6.67	6.67	1.064	1.07	6.67	2.92 No	1.064 Thermal Discharging
SOU077	186	'6687997_/_6687994'		2.13	3.33	3.33	0.528	0.5	3.33	1.46 No	0.5 Element Fault
SOU077	187	'43968336_/_6693814'		5.5	10	10	1.592	10	10	4.39 No	1.592 Thermal Discharging
SOU077	188	'398976878_/_398976897'		5.4	10	10	1.592	3.6	10	4.39 No	1.592 Thermal Discharging
SOU077	189	'6691038_/_6691048'		1.7	3.33	3.33	0.528	0.5	3.33	1.46 No	0.5 Element Fault
SOU077	190	'6688524_/_6688538'		5.2	10	10	1.592	3	10	4.39 No	1.592 Thermal Discharging
SOU077	191	'6704927_/_6704924'		1.8	3.33	3.33	0.528	0.5	3.33	1.46 No	0.5 Element Fault
SOU077	192	'6693655_/_6693797'		5.3	10	10	1.592	10	10	4.39 No	1.592 Thermal Discharging
SOU077	193	'398976824_/_398976923'		5.2	10	10	1.592	3.6	10	4.39 No	1.592 Thermal Discharging
SOU077	194	'6686101_/_6686111'		1.73	3.33	3.33	0.528	0.5	3.33	1.46 No	0.5 Element Fault
SOU077	195	'6687146_/_6687143'		1.73	3.33	3.33	0.528	0.3	3.33	1.46 No	0.3 Element Fault
SOU077	196	'580368922_/_43968325'		5.2	10	10	1.592	10	10	4.39 No	1.592 Thermal Discharging
SOU077	197	'6693763_/_6693777'		5.2	10	10	1.592	10	10	4.39 No	1.592 Thermal Discharging
SOU077	198	'6693746_/_6693743_2'		5.2	10	10	1.592	10	10	4.39 No	1.592 Thermal Discharging
SOU077	199	'6687237_/_6687234'		1.67	3.33	3.33	0.528	1.1	3.33	1.46 No	0.528 Thermal Discharging
SOU077	200	'43970010_/_6691158'		1.67	3.33	3.33	0.528	0.5	3.33	1.46 No	0.5 Element Fault
SOU077	201	'6682990_/_6683005'		3.33	6.67	6.67	1.064	1.07	6.67	2.92 No	1.064 Thermal Discharging
SOU077	202	'6685880_/_6685890'		1.93	3.33	3.33	0.528	0.5	3.33	1.46 No	0.5 Element Fault
SOU077	203	'6693726_/_6693743_1'		5	10	10	1.592	10	10	4.39 No	1.592 Thermal Discharging
SOU077	204	'43970158_/_6688752_3'		4.8	10	10	1.592	1.6	10	4.39 No	1.592 Thermal Discharging
SOU077	205	'6688504_/_6688521'		4.8	10	10	1.592	3	10	4.39 No	1.592 Thermal Discharging
SOU077	206	'6687864_/_43968586'		1.87	3.33	3.33	0.528	0.5	3.33	1.46 No	0.5 Element Fault
SOU077	207	'6683741_/_6683751'		1.6	3.33	3.33	0.528	0.5	3.33	1.46 No	0.5 Element Fault
SOU077	208	'6667476_/_43970548'		1.6	3.33	3.33	0.528	0.5	3.33	1.46 No	0.5 Element Fault
SOU077	209	'43968573_/_6666954'		1.83	3.33	3.33	0.528	0.53	3.33	1.46 No	0.528 Thermal Discharging
SOU077	210	'6691025_/_6691035'		1.57	3.33	3.33	0.528	0.5	3.33	1.46 No	0.5 Element Fault
SOU077	211	'43968132_/_43968134'		4.9	10	10	1.592	10	10	4.39 No	1.592 Thermal Discharging
SOU077	212	'6691200_/_6691210'		1.6	3.33	3.33	0.528	1.1	3.33	1.46 No	0.528 Thermal Discharging
SOU077	213	'6693638_/_6693635_2'		4.9	10	10	1.592	10	10	4.39 No	1.592 Thermal Discharging
SOU077	214	'43967486_/_43967488'		3.27	6.67	6.67	1.064	1	6.67	2.92 No	1 Element Fault
SOU077	215	'6683974_/_6683988'		4.7	10	10	1.592	1.6	10	4.39 No	1.592 Thermal Discharging
SOU077	216	'6693621_/_6693635_1'		4.8	10	10	1.592	10	10	4.39 No	1.592 Thermal Discharging
SOU077	217	'6693672_/_6693669'		4.8	10	10	1.592	4.5	10	4.39 No	1.592 Thermal Discharging
SOU077	218	'6686088_/_6686098'		1.57	3.33	3.33	0.528	0.5	3.33	1.46 No	0.5 Element Fault
SOU077	219	'43967724_/_6684186'		1.77	3.33	3.33	0.528	0.5	3.33	1.46 No	0.5 Element Fault
SOU077	220	'7459619_/_123216422'		4.7	10	10	1.592	3.6	10	4.39 No	1.592 Thermal Discharging
SOU077	221	'43968683_/_6688007'		1.8	3.33	3.33	0.528	0.5	3.33	1.46 No	0.5 Element Fault
SOU077	222	'581118488_/_6693686_1'		4.8	10	10	1.592	1.6	10	4.39 No	1.592 Thermal Discharging
SOU077	223	'6688725_/_6691394'		1.53	3.33	3.33	0.528	0.53	3.33	1.46 No	0.528 Thermal Discharging
SOU077	224	'6693604_/_6693618'		4.7	10	10	1.592	10	10	4.39 No	1.592 Thermal Discharging
SOU077	225	'7773373_/_321382193'		4.7	10	10	1.592	3.6	10	4.39 No	1.592 Thermal Discharging
SOU077	226	'6691024_/_6691022'		1.47	3.33	3.33	0.528	0.5	3.33	1.46 No	0.5 Element Fault
SOU077	227	'6693587_/_6693601'		4.6	10	10	1.592	10	10	4.39 No	1.592 Thermal Discharging
SOU077	228	'43970292_/_6687156'		1.5	3.33	3.33	0.528	0.3	3.33	1.46 No	0.3 Element Fault
SOU077	229	'6667138_/_6688501'		4.4	10	10	1.592	3	10	4.39 No	1.592 Thermal Discharging
SOU077	230	'69569695_/_43967404'		3.07	6.67	6.67	1.064	1.07	6.67	2.92 No	1.064 Thermal Discharging
SOU077	231	'6686192_/_6693686_2'		4.5	10	10	1.592	1.6	10	4.39 No	1.592 Thermal Discharging
SOU077	232	'6687315_/_6687312'		1.47	3.33	3.33	0.528	0.53	3.33	1.46 No	0.528 Thermal Discharging
SOU077	233	'43968119_/_6693584'		4.5	10	10	1.592	10	10	4.39 No	1.592 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SOU077	234	'7773374_/_7773371'		4.4	10	10	1.592	3.6	10	4.39 No	1.592 Thermal Discharging
SOU077	235	'6704940_/_43972189'		1.5	3.33	3.33	0.528	0.5	3.33	1.46 No	0.5 Element Fault
SOU077	236	'6666970_/_43968575'		1.63	3.33	3.33	0.528	0.53	3.33	1.46 No	0.528 Thermal Discharging
SOU077	237	'43970314_/_6687247'		1.47	3.33	3.33	0.528	1.1	3.33	1.46 No	0.528 Thermal Discharging
SOU077	238	'6667139_/_6688704_1'		2.93	6.67	6.67	1.064	1	6.67	2.92 No	1 Element Fault
SOU077	239	'6683957_/_6683971'		4.3	10	10	1.592	1.6	10	4.39 No	1.592 Thermal Discharging
SOU077	240	'6693553_/_6693567'		4.5	10	10	1.592	10	10	4.39 No	1.592 Thermal Discharging
SOU077	241	'6667489_/_6667486'		1.43	3.33	3.33	0.528	0.5	3.33	1.46 No	0.5 Element Fault
SOU077	242	'581118419_/_43967440'		2.93	6.67	6.67	1.064	1.07	6.67	2.92 No	1.064 Thermal Discharging
SOU077	243	'384775990_/_6688704_2'		2.93	6.67	6.67	1.064	1	6.67	2.92 No	1 Element Fault
SOU077	244	'6683394_/_6683392'		2.93	6.67	6.67	1.064	1	6.67	2.92 No	1 Element Fault
SOU077	245	'6693536_/_6693550'		4.4	10	10	1.592	10	10	4.39 No	1.592 Thermal Discharging
SOU077	246	'6693535_/_6693533'		4.3	10	10	1.592	10	10	4.39 No	1.592 Thermal Discharging
SOU077	247	'43968301_/_6686085'		1.4	3.33	3.33	0.528	0.5	3.33	1.46 No	0.5 Element Fault
SOU077	248	'6694186_/_6694200'		4.3	10	10	1.592	10	10	4.39 No	1.592 Thermal Discharging
SOU077	249	'6687877_/_6687874'		1.57	3.33	3.33	0.528	0.5	3.33	1.46 No	0.5 Element Fault
SOU077	250	'580369010_/_6691145'		1.4	3.33	3.33	0.528	0.5	3.33	1.46 No	0.5 Element Fault
SOU077	251	'6694169_/_6694183'		4.2	10	10	1.592	10	10	4.39 No	1.592 Thermal Discharging
SOU077	252	'6683740_/_6683738'		1.33	3.33	3.33	0.528	0.5	3.33	1.46 No	0.5 Element Fault
SOU077	253	'43968106_/_43968108'		4.2	10	10	1.592	10	10	4.39 No	1.592 Thermal Discharging
SOU077	254	'6688023_/_6688020'		1.6	3.33	3.33	0.528	0.5	3.33	1.46 No	0.5 Element Fault
SOU077	255	'6684163_/_6684173'		1.53	3.33	3.33	0.528	0.5	3.33	1.46 No	0.5 Element Fault
SOU077	256	'6704376_/_6704410'		4	10	10	1.592	3	10	4.39 No	1.592 Thermal Discharging
SOU077	257	'6687172_/_43970294'		1.37	3.33	3.33	0.528	0.3	3.33	1.46 No	0.3 Element Fault
SOU077	258	'6686169_/_6686189'		4.1	10	10	1.592	1.6	10	4.39 No	1.592 Thermal Discharging
SOU077	259	'6691187_/_6691197'		1.33	3.33	3.33	0.528	1.1	3.33	1.46 No	0.528 Thermal Discharging
SOU077	260	'6693502_/_6693516'		4.1	10	10	1.592	10	10	4.39 No	1.592 Thermal Discharging
SOU077	261	'6685867_/_6685877'		1.57	3.33	3.33	0.528	0.5	3.33	1.46 No	0.5 Element Fault
SOU077	262	'6688724_/_6688722'		1.3	3.33	3.33	0.528	0.53	3.33	1.46 No	0.528 Thermal Discharging
SOU077	263	'6687120_/_6687117_1'		1.3	3.33	3.33	0.528	0.5	3.33	1.46 No	0.5 Element Fault
SOU077	264	'6686062_/_6686072'		1.33	3.33	3.33	0.528	0.5	3.33	1.46 No	0.5 Element Fault
SOU077	265	'43970522_/_43970524'		4.1	10	10	1.592	10	10	4.39 No	1.592 Thermal Discharging
SOU077	266	'6687263_/_6687260'		1.33	3.33	3.33	0.528	1.1	3.33	1.46 No	0.528 Thermal Discharging
SOU077	267	'6691116_/_6691129'		1.33	3.33	3.33	0.528	0.5	3.33	1.46 No	0.5 Element Fault
SOU077	268	'6683940_/_6683954'		3.8	10	10	1.592	1.6	10	4.39 No	1.592 Thermal Discharging
SOU077	269	'43970259_/_6687325'		1.3	3.33	3.33	0.528	0.53	3.33	1.46 No	0.528 Thermal Discharging
SOU077	270	'384775953_/_6688704_3'		2.8	6.67	6.67	1.064	1	6.67	2.92 No	1 Element Fault
SOU077	271	'43970281_/_6687117_2'		1.3	3.33	3.33	0.528	0.5	3.33	1.46 No	0.5 Element Fault
SOU077	272	'6691103_/_6691113'		1.33	3.33	3.33	0.528	0.5	3.33	1.46 No	0.5 Element Fault
SOU077	273	'6693468_/_6693482'		4	10	10	1.592	10	10	4.39 No	1.592 Thermal Discharging
SOU077	274	'6691186_/_6691184'		1.3	3.33	3.33	0.528	1.1	3.33	1.46 No	0.528 Thermal Discharging
SOU077	275	'6693451_/_6693465'		3.9	10	10	1.592	10	10	4.39 No	1.592 Thermal Discharging
SOU077	276	'6691090_/_6691100'		1.3	3.33	3.33	0.528	0.5	3.33	1.46 No	0.5 Element Fault
SOU077	277	'6688036_/_6688033'		1.47	3.33	3.33	0.528	0.5	3.33	1.46 No	0.5 Element Fault
SOU077	278	'43969999_/_6691087'		1.3	3.33	3.33	0.528	0.5	3.33	1.46 No	0.5 Element Fault
SOU077	279	'6693434_/_6693448'		3.9	10	10	1.592	10	10	4.39 No	1.592 Thermal Discharging
SOU077	280	'6693068_/_6693431'		3.9	10	10	1.592	10	10	4.39 No	1.592 Thermal Discharging
SOU077	281	'6687890_/_6687887'		1.4	3.33	3.33	0.528	0.5	3.33	1.46 No	0.5 Element Fault
SOU077	282	'6687185_/_6687182'		1.27	3.33	3.33	0.528	0.3	3.33	1.46 No	0.3 Element Fault
SOU077	283	'6687054_/_6687526'		1.33	3.33	3.33	0.528	0.5	3.33	1.46 No	0.5 Element Fault
SOU077	284	'43967916_/_43967918'		3.8	10	10	1.592	10	10	4.39 No	1.592 Thermal Discharging
SOU077	285	'6686049_/_6686059'		1.23	3.33	3.33	0.528	0.5	3.33	1.46 No	0.5 Element Fault
SOU077	286	'6691076_/_6691074'		1.27	3.33	3.33	0.528	0.5	3.33	1.46 No	0.5 Element Fault
SOU077	287	'6688404_/_6704373'		3.6	9.9	10	1.592	3	10	4.39 No	1.592 Thermal Discharging
SOU077	288	'43967604_/_43967606'		1.2	3.33	3.33	0.528	0.5	3.33	1.46 No	0.5 Element Fault
SOU077	289	'6684162_/_6684160'		1.37	3.33	3.33	0.528	0.5	3.33	1.46 No	0.5 Element Fault
SOU077	290	'6687451_/_6687448'		1.2	3.33	3.33	0.528	1.1	3.33	1.46 No	0.528 Thermal Discharging
SOU077	291	'6697494_/_6697504'		1.23	3.33	3.33	0.528	0.5	3.33	1.46 No	0.5 Element Fault
SOU077	292	'6693034_/_6693048'		3.7	10	10	1.592	10	10	4.39 No	1.592 Thermal Discharging
SOU077	293	'43967652_/_6683937'		3.5	9.8	10	1.592	1.6	10	4.39 No	1.592 Thermal Discharging
SOU077	294	'6685854_/_6685864'		1.37	3.33	3.33	0.528	0.5	3.33	1.46 No	0.5 Element Fault
SOU077	295	'43967903_/_43967905'		3.7	10	10	1.592	10	10	4.39 No	1.592 Thermal Discharging
SOU077	296	'6691064_/_6697491'		1.2	3.33	3.33	0.528	0.5	3.33	1.46 No	0.5 Element Fault
SOU077	297	'6687133_/_43970283'		1.17	3.3	3.33	0.528	0.5	3.33	1.46 No	0.5 Element Fault
SOU077	298	'6684838_/_6693011'		3.6	10	10	1.592	10	10	4.39 No	1.592 Thermal Discharging
SOU077	299	'6688387_/_6688401'		3.4	9.4	10	1.592	3	10	4.39 No	1.592 Thermal Discharging
SOU077	300	'6693210_/_6693207'		3.6	10	10	1.592	10	10	4.39 No	1.592 Thermal Discharging
SOU077	301	'6686036_/_6686046'		1.17	3.27	3.33	0.528	0.5	3.33	1.46 No	0.5 Element Fault
SOU077	302	'6687502_/_6687500_1'		1.13	3.13	3.33	0.528	0.5	3.33	1.46 No	0.5 Element Fault
SOU077	303	'6684822_/_43967894_2'		1.2	3.33	3.33	0.528	1.1	3.33	1.46 No	0.528 Thermal Discharging
SOU077	304	'6688694_/_6688691'		1.23	3.13	3.33	0.528	0.5	3.33	1.46 No	0.5 Element Fault
SOU077	305	'6693176_/_6693190'		3.5	10	10	1.592	10	10	4.39 No	1.592 Thermal Discharging
SOU077	306	'6687412_/_6687409'		1.13	3.2	3.33	0.528	0.5	3.33	1.46 No	0.5 Element Fault
SOU077	307	'6693227_/_6693224'		3.5	10	10	1.592	10	10	4.39 No	1.592 Thermal Discharging
SOU077	308	'6687341_/_6687338'		1.13	3.13	3.33	0.528	0.53	3.33	1.46 No	0.528 Thermal Discharging
SOU077	309	'6686168_/_6686166'		3.4	9.5	10	1.592	1.6	10	4.39 No	1.592 Thermal Discharging
SOU077	310	'6693159_/_6693173'		3.5	9.9	10	1.592	10	10	4.39 No	1.592 Thermal Discharging
SOU077	311	'6688438_/_118210322_2'		3.4	9.2	10	1.592	3	10	4.39 No	1.592 Thermal Discharging
SOU077	312	'43970395_/_6687435'		1.13	3.13	3.33	0.528	0.3	3.33	1.46 No	0.3 Element Fault
SOU077	313	'6684633_/_6693156'		3.5	9.8	10	1.592	10	10	4.39 No	1.592 Thermal Discharging
SOU077	314	'43972039_/_43972041'		1.1	3.1	3.33	0.528	1.1	3.33	1.46 No	0.528 Thermal Discharging
SOU077	315	'6686937_/_6687500_2'		1.13	3.03	3.33	0.528	0.5	3.33	1.46 No	0.5 Element Fault
SOU077	316	'6684613_/_360469410_2'		3.5	9.8	10	1.592	3.4	10	4.39 No	1.592 Thermal Discharging
SOU077	317	'6693125_/_6693139'		3.4	9.7	10	1.592	10	10	4.39 No	1.592 Thermal Discharging
SOU077	318	'43967713_/_43967715'		1.23	3.07	3.33	0.528	0.5	3.33	1.46 No	0.5 Element Fault
SOU077	319	'6688370_/_6688384'		3.3	9	10	1.592	3	10	4.39 No	1.592 Thermal Discharging
SOU077	320	'6683715_/_6683725'		1.1	3.07	3.33	0.528	0.5	3.33	1.46 No	0.5 Element Fault
SOU077	321	'6702433_/_6702430_1'		1.1	3.07	3.33	0.528	1.1	3.33	1.46 No	0.528 Thermal Discharging
SOU077	322	'6687055_/_6687052'		1.17	3	3.33	0.528	0.5	3.33	1.46 No	0.5 Element Fault
SOU077	323	'6684650_/_360469464_1'		1.17	3.17	3.33	0.528	0.5	3.33	1.46 No	0.5 Element Fault
SOU077	324	'6693108_/_6693122'		3.4	9.6	10	1.592	10	10	4.39 No	1.592 Thermal Discharging
SOU077	325	'6685841_/_6685851'		1.27	3.03	3.33	0.528	0.5	3.33	1.46 No	0.5 Element Fault
SOU077	326	'6683900_/_6683917'		3.2	9	10	1.592	1.6	10	4.39 No	1.592 Thermal Discharging
SOU077	327	'43968290_/_43968292'		1.1	3.1	3.33	0.528	0.5	3.33	1.46 No	0.5 Element Fault

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Over-Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SOU077	328	'43970384_/6687422'		1.07	3.07	3.33	0.528	0.5	3.33	1.46 No	0.5 Element Fault
SOU077	329	'6684406_/6693105'		3.3	9.5	10	1.592	10	10	4.39 No	1.592 Thermal Discharging
SOU077	330	'43970406_/6702430_2'		1.1	3.07	3.33	0.528	1.1	3.33	1.46 No	0.528 Thermal Discharging
SOU077	331	'6684393_/6684390_3'		1.1	3.13	3.33	0.528	1.5	3.33	1.46 No	0.528 Thermal Discharging
SOU077	332	'6693087_/6693085'		3.3	9.4	10	1.592	10	10	4.39 No	1.592 Thermal Discharging
SOU077	333	'43967892_/43967894_1'		1.2	3.07	3.33	0.528	0.5	3.33	1.46 No	0.5 Element Fault
SOU077	334	'6697203_/6697217'		3.3	9.3	10	1.592	10	10	4.39 No	1.592 Thermal Discharging
SOU077	335	'43968915_/118210322_1'		3.1	8.6	10	1.592	1.6	10	4.39 No	1.592 Thermal Discharging
SOU077	336	'108759161_/6684390_2'		1.1	3.07	3.33	0.528	0.5	3.33	1.46 No	0.5 Element Fault
SOU077	337	'6688353_/6688367'		3.1	8.6	10	1.592	3	10	4.39 No	1.592 Thermal Discharging
SOU077	338	'6687720_/6697200'		3.2	9.2	10	1.592	10	10	4.39 No	1.592 Thermal Discharging
SOU077	339	'6684809_/6684806_2'		1.2	3	3.33	0.528	0.5	3.33	1.46 No	0.5 Element Fault
SOU077	340	'6690983_/6690993'		1.1	2.87	3.33	0.528	0.5	3.33	1.46 No	0.5 Element Fault
SOU077	341	'6687707_/6687704_1'		1.07	3.03	3.33	0.528	0.5	3.33	1.46 No	0.5 Element Fault
SOU077	342	'43969988_/43969990'		1.07	2.97	3.33	0.528	0.5	3.33	1.46 No	0.5 Element Fault
SOU077	343	'8402059_/9353252_1'		3.2	9.2	10	1.592	1.5	10	4.39 No	1.5 Element Fault
SOU077	344	'581118687_/6687704_2'		1.07	2.97	3.33	0.528	0.5	3.33	1.46 No	0.5 Element Fault
SOU077	345	'43970270_/6687354'		1	2.8	3.33	0.528	0.53	3.33	1.46 No	0.528 Thermal Discharging
SOU077	346	'6688336_/6688350'		3	8.3	10	1.592	3	10	4.39 No	1.592 Thermal Discharging
SOU077	347	'6686010_/6686020'		1	2.87	3.33	0.528	0.5	3.33	1.46 No	0.5 Element Fault
SOU077	348	'9353255_/9353252_2'		3.1	8.8	10	1.592	1.5	10	4.39 No	1.5 Element Fault
SOU077	349	'6702303_/6702300'		1	2.83	3.33	0.528	0.5	3.33	1.46 No	0.5 Element Fault
SOU077	350	'6684137_/6684147'		1.13	2.8	3.33	0.528	0.5	3.33	1.46 No	0.5 Element Fault
SOU077	351	'6687489_/6687487_1'		1	2.77	3.33	0.528	0.5	3.33	1.46 No	0.5 Element Fault
SOU077	352	'43967870_/360469464_2'		1.17	2.9	3.33	0.528	0.5	3.33	1.46 No	0.5 Element Fault
SOU077	353	'6686790_/6686788'		3	8.4	10	1.592	1.6	10	4.39 No	1.592 Thermal Discharging
SOU077	354	'581118248_/6704109'		1	2.8	3.33	0.528	1.1	3.33	1.46 No	0.528 Thermal Discharging
SOU077	355	'450956972_/9667218_1'		3	8.4	10	1.592	1	10	4.39 No	1 Element Fault
SOU077	356	'43967809_/6684390_1'		1.03	2.9	3.33	0.528	0.5	3.33	1.46 No	0.5 Element Fault
SOU077	357	'6684596_/360469410_1'		3.1	8.6	10	1.592	1.6	10	4.39 No	1.592 Thermal Discharging
SOU077	358	'6702381_/6702378'		1	2.8	3.33	0.528	0.3	3.33	1.46 No	0.3 Element Fault
SOU077	359	'43967639_/6683897'		2.9	8.3	10	1.592	1.6	10	4.39 No	1.592 Thermal Discharging
SOU077	360	'43970215_/6686935'		1.13	2.73	3.33	0.528	0.5	3.33	1.46 No	0.5 Element Fault
SOU077	361	'6684422_/6684419'		1	2.87	3.33	0.528	0.5	3.33	1.46 No	0.5 Element Fault
SOU077	362	'43967593_/6683712'		0.97	2.77	3.33	0.528	0.5	3.33	1.46 No	0.5 Element Fault
SOU077	363	'6687733_/6687730'		1.07	2.87	3.33	0.528	0.5	3.33	1.46 No	0.5 Element Fault
SOU077	364	'6687693_/6687704_3'		1.07	2.87	3.33	0.528	0.5	3.33	1.46 No	0.5 Element Fault
SOU077	365	'6685828_/6685838'		1.13	2.73	3.33	0.528	0.5	3.33	1.46 No	0.5 Element Fault
SOU077	366	'43970248_/6687065'		1.03	2.7	3.33	0.528	0.5	3.33	1.46 No	0.5 Element Fault
SOU077	367	'6690982_/6690980'		1.03	2.7	3.33	0.528	0.5	3.33	1.46 No	0.5 Element Fault
SOU077	368	'446233642_/9667218_2'		2.9	8.1	10	1.592	1	10	4.39 No	1 Element Fault
SOU077	369	'43968902_/43968904'		2.9	8	10	1.592	3	10	4.39 No	1.592 Thermal Discharging
SOU077	370	'6702446_/43970408'		0.97	2.7	3.33	0.528	1.1	3.33	1.46 No	0.528 Thermal Discharging
SOU077	371	'6684796_/6684806_1'		1.2	2.77	3.33	0.528	0.5	3.33	1.46 No	0.5 Element Fault
SOU077	372	'117278638_/117278642'		2.8	7.8	10	1.592	3	10	4.39 No	1.592 Thermal Discharging
SOU077	373	'6684367_/6684377'		0.97	2.73	3.33	0.528	0.5	3.33	1.46 No	0.5 Element Fault
SOU077	374	'6702316_/6702313'		0.93	2.67	3.33	0.528	0.5	3.33	1.46 No	0.5 Element Fault
SOU077	375	'6685997_/6686007'		0.93	2.67	3.33	0.528	0.5	3.33	1.46 No	0.5 Element Fault
SOU077	376	'378114579_/6684432_1'		0.97	2.73	3.33	0.528	0.5	3.33	1.46 No	0.5 Element Fault
SOU077	377	'6686833_/6687487_2'		1	2.6	3.33	0.528	0.5	3.33	1.46 No	0.5 Element Fault
SOU077	378	'6704017_/6704015'		0.97	2.67	3.33	0.528	0.5	3.33	1.46 No	0.5 Element Fault
SOU077	379	'43970557_/6697712'		1.07	2.7	3.33	0.528	0.5	3.33	1.46 No	0.5 Element Fault
SOU077	380	'6684579_/6684593'		2.8	7.9	10	1.592	1.6	10	4.39 No	1.592 Thermal Discharging
SOU077	381	'397436596_/397436593'		2.8	7.7	10	1.592	1.6	10	4.39 No	1.592 Thermal Discharging
SOU077	382	'6684435_/6684432_1'		0.97	2.7	3.33	0.528	0.5	3.33	1.46 No	0.5 Element Fault
SOU077	383	'6683860_/6683877'		2.7	7.7	10	1.592	1.6	10	4.39 No	1.592 Thermal Discharging
SOU077	384	'43966844_/43966846'		1.1	2.67	3.33	0.528	0.5	3.33	1.46 No	0.5 Element Fault
SOU077	385	'6683689_/6683699'		0.9	2.57	3.33	0.528	0.5	3.33	1.46 No	0.5 Element Fault
SOU077	386	'6687370_/43970272'		0.9	2.53	3.33	0.528	0.53	3.33	1.46 No	0.528 Thermal Discharging
SOU077	387	'43971683_/6702391'		0.9	2.57	3.33	0.528	0.3	3.33	1.46 No	0.3 Element Fault
SOU077	388	'6686951_/43970217'		1.03	2.5	3.33	0.528	0.5	3.33	1.46 No	0.5 Element Fault
SOU077	389	'6709643_/7113482'		2.7	7.5	10	1.592	3	10	4.39 No	1.592 Thermal Discharging
SOU077	390	'129442889_/6697439_2'		1.1	2.63	3.33	0.528	0.5	3.33	1.46 No	0.5 Element Fault
SOU077	391	'580385156_/6687380_1'		0.9	2.53	3.33	0.528	0.3	3.33	1.46 No	0.3 Element Fault
SOU077	392	'6684124_/6684134'		1	2.53	3.33	0.528	0.5	3.33	1.46 No	0.5 Element Fault
SOU077	393	'6684676_/43967872'		1.07	2.57	3.33	0.528	0.5	3.33	1.46 No	0.5 Element Fault
SOU077	394	'43970175_/6686831'		1	2.47	3.33	0.528	0.5	3.33	1.46 No	0.5 Element Fault
SOU077	395	'43968244_/43968246'		1.03	2.5	3.33	0.528	0.5	3.33	1.46 No	0.5 Element Fault
SOU077	396	'6702459_/6702456'		0.9	2.5	3.33	0.528	1.1	3.33	1.46 No	0.528 Thermal Discharging
SOU077	397	'6709630_/6709627_2'		0.9	2.47	3.33	0.528	1	3.33	1.46 No	0.528 Thermal Discharging
SOU077	398	'6687081_/6687078'		0.97	2.47	3.33	0.528	0.5	3.33	1.46 No	0.5 Element Fault
SOU077	399	'43971672_/6702326'		0.87	2.53	3.33	0.528	0.5	3.33	1.46 No	0.5 Element Fault
SOU077	400	'43968279_/43968281'		0.87	2.5	3.33	0.528	0.5	3.33	1.46 No	0.5 Element Fault
SOU077	401	'43967881_/6684793'		1.1	2.53	3.33	0.528	0.5	3.33	1.46 No	0.5 Element Fault
SOU077	402	'6684354_/6684364'		0.9	2.53	3.33	0.528	0.5	3.3	1.46 No	0.5 Element Fault
SOU077	403	'6685815_/6685812_2'		1	2.47	3.33	0.528	0.5	3.33	1.46 No	0.5 Element Fault
SOU077	404	'397436623_/397436620'		2.6	7.3	10	1.592	1.6	10	4.39 No	1.592 Thermal Discharging
SOU077	405	'43967820_/6684445'		0.9	2.53	3.33	0.528	0.5	3.29	1.46 No	0.5 Element Fault
SOU077	406	'6687383_/6687380_2'		0.87	2.43	3.33	0.528	0.3	3.33	1.46 No	0.3 Element Fault
SOU077	407	'43969113_/6688418'		2.6	7.2	10	1.592	1.6	10	4.39 No	1.592 Thermal Discharging
SOU077	408	'347319401_/347319336_1'		2.6	7.2	10	1.592	1	10	4.39 No	1 Element Fault
SOU077	409	'7773294_/473389327'		2.7	7.2	10	1.592	3.6	10	4.39 No	1.592 Thermal Discharging
SOU077	410	'580369166_/6704028'		0.87	2.5	3.33	0.528	0.5	3.33	1.46 No	0.5 Element Fault
SOU077	411	'6697429_/6697439_1'		1.1	2.5	3.33	0.528	0.5	3.26	1.46 No	0.5 Element Fault
SOU077	412	'6683676_/6683686'		0.83	2.43	3.33	0.528	0.5	3.33	1.46 No	0.5 Element Fault
SOU077	413	'347319317_/347319336_2'		2.5	7.1	10	1.592	1	10	4.39 No	1 Element Fault
SOU077	414	'397436641_/397436638'		2.6	7.2	10	1.592	1.6	10	4.39 No	1.592 Thermal Discharging
SOU077	415	'6709659_/6711663'		2.6	7.1	10	1.592	3	10	4.39 No	1.592 Thermal Discharging
SOU077	416	'7789431_/7789429_1'		2.6	7.1	10	1.592	1.6	10	4.39 No	1.592 Thermal Discharging
SOU077	417	'6685971_/6685981'		0.83	2.43	3.33	0.528	0.5	3.33	1.46 No	0.5 Element Fault
SOU077	418	'6697699_/6697696'		1.07	2.43	3.33	0.528	0.5	3.23	1.46 No	0.5 Element Fault
SOU077	419	'6683843_/6683857'		2.5	7.1	10	1.592	1.6	10	4.39 No	1.592 Thermal Discharging
SOU077	420	'6702342_/43971674'		0.83	2.4	3.33	0.528	0.5	3.33	1.46 No	0.5 Element Fault
SOU077	421	'43967857_/6684576'		2.6	7.1	10	1.592	1.6	9.85	4.39 No	1.592 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Over-Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SOU077	422	'641166986_/_7789429_2'	2.5	6.9	10	1.592	1.6	10	4.39	No	1.592 Thermal Discharging
SOU077	423	'43970226_/_6686961'	0.97	2.33	3.33	0.528	0.5	3.33	1.46	No	0.5 Element Fault
SOU077	424	'6702407_/_43971685'	0.83	2.37	3.33	0.528	0.3	3.33	1.46	No	0.3 Element Fault
SOU077	425	'6684689_/_6684686'	1	2.37	3.33	0.528	0.5	3.23	1.46	No	0.5 Element Fault
SOU077	426	'43970373_/_6687393'	0.83	2.33	3.33	0.528	0.3	3.33	1.46	No	0.3 Element Fault
SOU077	427	'43971694_/_6702469'	0.83	2.37	3.33	0.528	1.1	3.33	1.46	No	0.528 Thermal Discharging
SOU077	428	'43967702_/_43967704'	0.93	2.33	3.33	0.528	0.5	3.33	1.46	No	0.5 Element Fault
SOU077	429	'6709658_/_6709656'	0.83	2.3	3.33	0.528	1	3.33	1.46	No	0.528 Thermal Discharging
SOU077	430	'6686847_/_6686844'	0.97	2.3	3.33	0.528	0.5	3.33	1.46	No	0.5 Element Fault
SOU077	431	'6687094_/_6687091'	0.87	2.3	3.33	0.528	0.5	3.33	1.46	No	0.5 Element Fault
SOU077	432	'6685802_/_6685812_1'	0.93	2.3	3.33	0.528	0.5	3.33	1.46	No	0.5 Element Fault
SOU077	433	'6709629_/_6709627_1'	0.9	2.27	3.33	0.528	0.5	3.33	1.46	No	0.5 Element Fault
SOU077	434	'43967626_/_43967628'	2.4	6.8	10	1.592	1.6	10	4.39	No	1.592 Thermal Discharging
SOU077	435	'6697428_/_43966835'	1.03	2.37	3.33	0.528	0.5	3.14	1.46	No	0.5 Element Fault
SOU077	436	'6702355_/_6702352'	0.8	2.33	3.33	0.528	0.5	3.33	1.46	No	0.5 Element Fault
SOU077	437	'397436659_/_397436656'	2.4	6.8	10	1.592	1.6	10	4.39	No	1.592 Thermal Discharging
SOU077	438	'6684770_/_6684780'	1	2.3	3.33	0.528	0.5	3.19	1.46	No	0.5 Element Fault
SOU077	439	'358869229_/_6711578_2'	0.8	2.23	3.33	0.528	1	3.33	1.46	No	0.528 Thermal Discharging
SOU077	440	'43967798_/_6684351'	0.83	2.33	3.33	0.528	0.5	3.13	1.46	No	0.5 Element Fault
SOU077	441	'6689436_/_6689451'	2.4	6.7	10	1.592	1.6	10	4.39	No	1.592 Thermal Discharging
SOU077	442	'7789412_/_641167010'	2.4	6.7	10	1.592	1.6	10	4.39	No	1.592 Thermal Discharging
SOU077	443	'45392157_/_6702482'	0.8	2.27	3.33	0.528	1.1	3.33	1.46	No	0.528 Thermal Discharging
SOU077	444	'6685958_/_6685968'	0.8	2.27	3.33	0.528	0.5	3.29	1.46	No	0.5 Element Fault
SOU077	445	'43967582_/_6683673'	0.77	2.23	3.33	0.528	0.5	3.33	1.46	No	0.5 Element Fault
SOU077	446	'6686977_/_43970228'	0.9	2.2	3.33	0.528	0.5	3.33	1.46	No	0.5 Element Fault
SOU077	447	'6702251_/_43970375'	0.77	2.2	3.33	0.528	0.3	3.33	1.46	No	0.3 Element Fault
SOU077	448	'6684461_/_6684458'	0.8	2.27	3.33	0.528	0.5	3.07	1.46	No	0.5 Element Fault
SOU077	449	'6684702_/_6684699'	0.93	2.23	3.33	0.528	0.5	3.09	1.46	No	0.5 Element Fault
SOU077	450	'6702420_/_6702417'	0.77	2.2	3.33	0.528	0.3	3.33	1.46	No	0.3 Element Fault
SOU077	451	'6703966_/_6703963'	0.97	2.23	3.33	0.528	0.5	3.05	1.46	No	0.5 Element Fault
SOU077	452	'6683809_/_6683823'	2.3	6.5	10	1.592	1.6	10	4.39	No	1.592 Thermal Discharging
SOU077	453	'43968268_/_43968270'	0.77	2.23	3.33	0.528	0.5	3.21	1.46	No	0.5 Element Fault
SOU077	454	'43973297_/_6711578_1'	0.77	2.17	3.33	0.528	0.3	3.33	1.46	No	0.3 Element Fault
SOU077	455	'6686860_/_6686857'	0.9	2.13	3.33	0.528	0.5	3.33	1.46	No	0.5 Element Fault
SOU077	456	'6684098_/_6684108'	0.83	2.17	3.33	0.528	0.5	3.28	1.46	No	0.5 Element Fault
SOU077	457	'6702368_/_6702365'	0.73	2.2	3.33	0.528	0.5	3.29	1.46	No	0.5 Element Fault
SOU077	458	'6684545_/_6684559'	2.3	6.5	10	1.592	1.6	9.25	4.39	No	1.592 Thermal Discharging
SOU077	459	'43968233_/_43968235'	0.87	2.13	3.33	0.528	0.5	3.25	1.46	No	0.5 Element Fault
SOU077	460	'6689418_/_6689433'	2.2	6.3	10	1.592	1.6	10	4.39	No	1.592 Thermal Discharging
SOU077	461	'43970362_/_6687104'	0.8	2.13	3.33	0.528	0.5	3.33	1.46	No	0.5 Element Fault
SOU077	462	'6684769_/_6684767'	0.93	2.13	3.33	0.528	0.5	3.03	1.46	No	0.5 Element Fault
SOU077	463	'43976677_/_6720507'	0.87	2.1	3.33	0.528	0.5	3.33	1.46	No	0.5 Element Fault
SOU077	464	'6711568_/_6711594'	0.73	2.1	3.33	0.528	0.3	3.33	1.46	No	0.3 Element Fault
SOU077	465	'43968050_/_6684712'	0.9	2.13	3.33	0.528	0.5	3	1.46	No	0.5 Element Fault
SOU077	466	'43982928_/_7113618'	0.73	2.13	3.33	0.528	0.5	3.23	1.46	No	0.5 Element Fault
SOU077	467	'6686990_/_6686987'	0.87	2.1	3.33	0.528	0.5	3.33	1.46	No	0.5 Element Fault
SOU077	468	'6685114_/_6685111'	0.77	2.13	3.33	0.528	0.5	2.96	1.46	No	0.5 Element Fault
SOU077	469	'580368930_/_6689471'	1.47	4.13	6.67	1.064	1.07	6.67	2.92	No	1.064 Thermal Discharging
SOU077	470	'6684328_/_6684338'	0.73	2.13	3.33	0.528	0.5	2.95	1.46	No	0.5 Element Fault
SOU077	471	'108502731_/_6753948'	0.73	2.13	3.33	0.528	0.5	3.18	1.46	No	0.5 Element Fault
SOU077	472	'6683650_/_6683660'	0.7	2.07	3.33	0.528	0.5	3.21	1.46	No	0.5 Element Fault
SOU077	473	'6685944_/_6685942'	0.73	2.1	3.33	0.528	0.5	3.07	1.46	No	0.5 Element Fault
SOU077	474	'6702264_/_6702261'	0.73	2.07	3.33	0.528	0.3	3.26	1.46	No	0.3 Element Fault
SOU077	475	'6682910_/_6683806'	2.1	6.1	10	1.592	1.6	9.69	4.39	No	1.592 Thermal Discharging
SOU077	476	'6685273_/_6685270'	0.83	2.03	3.33	0.528	0.5	2.92	1.46	No	0.5 Element Fault
SOU077	477	'6687003_/_6687000'	0.83	2	3.33	0.528	0.5	3.21	1.46	No	0.5 Element Fault
SOU077	478	'6684528_/_6684542'	2.2	6.1	10	1.592	1.6	8.86	4.39	No	1.592 Thermal Discharging
SOU077	479	'43972017_/_6703976'	0.87	2.07	3.33	0.528	0.5	2.88	1.46	No	0.5 Element Fault
SOU077	480	'6689403_/_6689415'	1.47	3.93	6.67	1.064	1.07	6.47	2.92	No	1.064 Thermal Discharging
SOU077	481	'6684085_/_6684095'	0.8	2	3.33	0.528	0.5	3.1	1.46	No	0.5 Element Fault
SOU077	482	'6697267_/_6697280'	0.7	2.03	3.33	0.528	0.5	2.99	1.46	No	0.5 Element Fault
SOU077	483	'7789411_/_7789409'	2.1	5.9	10	1.592	1.6	9.61	4.39	No	1.592 Thermal Discharging
SOU077	484	'43973811_/_43973813'	0.7	1.97	3.33	0.528	0.3	3.19	1.46	No	0.3 Element Fault
SOU077	485	'43970182_/_6686870'	0.83	1.97	3.33	0.528	0.5	3.19	1.46	No	0.5 Element Fault
SOU077	486	'6685776_/_6685786'	0.8	2	3.33	0.528	0.5	3.07	1.46	No	0.5 Element Fault
SOU077	487	'6685127_/_6685124'	0.7	2.03	3.33	0.528	0.5	2.85	1.46	No	0.5 Element Fault
SOU077	488	'6687302_/_6687299'	0.77	2	3.33	0.528	0.5	3.16	1.46	No	0.5 Element Fault
SOU077	489	'6720095_/_6720092'	0.8	1.93	3.33	0.528	0.5	3.14	1.46	No	0.5 Element Fault
SOU077	490	'6684315_/_6684325'	0.7	2	3.33	0.528	0.5	2.82	1.46	No	0.5 Element Fault
SOU077	491	'43967319_/_43967321'	2	5.8	10	1.592	1.6	9.24	4.39	No	1.592 Thermal Discharging
SOU077	492	'43970452_/_43970454'	0.67	1.97	3.33	0.528	0.5	2.89	1.46	No	0.5 Element Fault
SOU077	493	'6689385_/_6689400'	1.47	3.8	6.67	1.064	1.07	6.23	2.92	No	1.064 Thermal Discharging
SOU077	494	'43971661_/_6702274'	0.67	1.93	3.33	0.528	0.3	3.07	1.46	No	0.3 Element Fault
SOU077	495	'6687016_/_6687013'	0.77	1.9	3.33	0.528	0.5	3.08	1.46	No	0.5 Element Fault
SOU077	496	'6711542_/_6711552'	0.67	1.9	3.33	0.528	0.3	3.08	1.46	No	0.3 Element Fault
SOU077	497	'43967571_/_6683647'	0.67	1.9	3.33	0.528	0.5	2.99	1.46	No	0.5 Element Fault
SOU077	498	'6685286_/_6685283'	0.8	1.9	3.33	0.528	0.5	2.78	1.46	No	0.5 Element Fault
SOU077	499	'6684511_/_6684525'	2	5.6	10	1.592	1.6	8.42	4.39	No	1.592 Thermal Discharging
SOU077	500	'6684072_/_6684082'	0.73	1.9	3.33	0.528	0.5	2.94	1.46	No	0.5 Element Fault
SOU077	501	'6703992_/_6703989'	0.8	1.9	3.33	0.528	0.5	2.74	1.46	No	0.5 Element Fault
SOU077	502	'6686886_/_6686883'	0.77	1.87	3.33	0.528	0.5	3.03	1.46	No	0.5 Element Fault
SOU077	503	'6684302_/_6684312'	0.67	1.9	3.33	0.528	0.5	2.73	1.46	No	0.5 Element Fault
SOU077	504	'6720108_/_6720105'	0.77	1.87	3.33	0.528	0.5	3.02	1.46	No	0.5 Element Fault
SOU077	505	'6711541_/_6711539'	0.67	1.87	3.33	0.528	0.3	3.01	1.46	No	0.3 Element Fault
SOU077	506	'6702186_/_6702183'	0.7	1.87	3.33	0.528	0.5	3	1.46	No	0.5 Element Fault
SOU077	507	'43968015_/_6685137'	0.67	1.9	3.33	0.528	0.5	2.72	1.46	No	0.5 Element Fault
SOU077	508	'6689369_/_6689382'	1.4	3.67	6.67	1.064	1.07	6.02	2.92	No	1.064 Thermal Discharging
SOU077	509	'6702290_/_6702287'	0.63	1.87	3.33	0.528	0.3	2.96	1.46	No	0.3 Element Fault
SOU077	510	'43970237_/_6687026'	0.73	1.83	3.33	0.528	0.5	2.96	1.46	No	0.5 Element Fault
SOU077	511	'383474457_/_6682890'	1.9	5.4	10	1.592	1.6	8.81	4.39	No	1.592 Thermal Discharging
SOU077	512	'6685760_/_6685773'	0.73	1.83	3.33	0.528	0.5	2.84	1.46	No	0.5 Element Fault
SOU077	513	'123027937_/_9038493_1'	1.9	5.4	10	1.592	1	8.76	4.39	No	1 Element Fault
SOU077	514	'6720124_/_6720121'	0.73	1.8	3.33	0.528	0.5	2.92	1.46	No	0.5 Element Fault
SOU077	515	'6684301_/_6684299'	0.63	1.83	3.33	0.528	0.5	2.65	1.46	No	0.5 Element Fault

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SOU077	516	'6689368_/_6689366'	0.7	1.77	3.33	0.528	0.53	2.93	1.46 No	0.528	Thermal Discharging
SOU077	517	'6685299_/_6685296'	0.73	1.8	3.33	0.528	0.5	2.66	1.46 No	0.5	Element Fault
SOU077	518	'6686899_/_6686896'	0.73	1.77	3.33	0.528	0.5	2.89	1.46 No	0.5	Element Fault
SOU077	519	'43967691_/_6684069'	0.7	1.8	3.33	0.528	0.5	2.81	1.46 No	0.5	Element Fault
SOU077	520	'43967844_/_6684508'	1.9	5.3	10	1.592	1.6	8.06	4.39 No	1.592	Thermal Discharging
SOU077	521	'6683624_/_6683634'	0.6	1.8	3.33	0.528	0.5	2.82	1.46 No	0.5	Element Fault
SOU077	522	'6689326_/_6691340'	1.33	3.53	6.67	1.064	1.07	5.79	2.92 No	1.064	Thermal Discharging
SOU077	523	'6687042_/_6687039'	0.7	1.77	3.33	0.528	0.5	2.86	1.46 No	0.5	Element Fault
SOU077	524	'43967284_/_6704002'	0.77	1.77	3.33	0.528	0.5	2.6	1.46 No	0.5	Element Fault
SOU077	525	'43971650_/_6702196'	0.67	1.77	3.33	0.528	0.5	2.84	1.46 No	0.5	Element Fault
SOU077	526	'6685747_/_6685757'	0.7	1.77	3.33	0.528	0.5	2.76	1.46 No	0.5	Element Fault
SOU077	527	'6685153_/_43968019'	0.6	1.73	3.33	0.528	0.5	2.56	1.46 No	0.5	Element Fault
SOU077	528	'6685734_/_6685744'	0.7	1.73	3.33	0.528	0.5	2.71	1.46 No	0.5	Element Fault
SOU077	529	'43971743_/_6702569'	0.6	1.73	3.33	0.528	0.3	2.78	1.46 No	0.3	Element Fault
SOU077	530	'43970193_/_6686909'	0.7	1.7	3.33	0.528	0.5	2.79	1.46 No	0.5	Element Fault
SOU077	531	'9038496_/_9038493_2'	1.8	5.1	10	1.592	1	8.3	4.39 No	1	Element Fault
SOU077	532	'6702108_/_6702105'	0.7	1.7	3.33	0.528	0.5	2.76	1.46 No	0.5	Element Fault
SOU077	533	'6689327_/_6689324'	0.67	1.7	3.33	0.528	0.53	2.78	1.46 No	0.528	Thermal Discharging
SOU077	534	'43968061_/_6685309'	0.7	1.7	3.33	0.528	0.5	2.54	1.46 No	0.5	Element Fault
SOU077	535	'43969090_/_43969092'	1.27	3.33	6.67	1.064	1.07	5.53	2.92 No	1.064	Thermal Discharging
SOU077	536	'6685312_/_6685322_1'	0.7	1.7	3.33	0.528	0.5	2.53	1.46 No	0.5	Element Fault
SOU077	537	'6689491_/_6689501'	0.67	1.67	3.33	0.528	0.53	2.75	1.46 No	0.528	Thermal Discharging
SOU077	538	'6682962_/_6684056'	0.63	1.7	3.33	0.528	0.5	2.66	1.46 No	0.5	Element Fault
SOU077	539	'6682789_/_6683621'	0.57	1.7	3.33	0.528	0.5	2.68	1.46 No	0.5	Element Fault
SOU077	540	'43967831_/_6684488'	1.8	5	10	1.592	1.6	7.68	4.39 No	1.592	Thermal Discharging
SOU077	541	'6689340_/_6689337'	0.67	1.67	3.33	0.528	0.53	2.74	1.46 No	0.528	Thermal Discharging
SOU077	542	'383474420_/_6685731'	0.67	1.67	3.33	0.528	0.5	2.64	1.46 No	0.5	Element Fault
SOU077	543	'6702212_/_43971652'	0.6	1.67	3.33	0.528	0.5	2.68	1.46 No	0.5	Element Fault
SOU077	544	'6685166_/_6685163'	0.57	1.67	3.33	0.528	0.5	2.47	1.46 No	0.5	Element Fault
SOU077	545	'6702121_/_6702118'	0.67	1.63	3.33	0.528	0.5	2.68	1.46 No	0.5	Element Fault
SOU077	546	'6684270_/_6684471'	1.7	4.9	10	1.592	1.6	7.58	4.39 No	1.592	Thermal Discharging
SOU077	547	'6754026_/_43971745'	0.57	1.63	3.33	0.528	0.3	2.66	1.46 No	0.3	Element Fault
SOU077	548	'6686925_/_6686922'	0.67	1.63	3.33	0.528	0.5	2.66	1.46 No	0.5	Element Fault
SOU077	549	'6689356_/_6689353'	0.67	1.6	3.33	0.528	0.53	2.66	1.46 No	0.528	Thermal Discharging
SOU077	550	'6682933_/_43967286'	0.7	1.63	3.33	0.528	0.5	2.44	1.46 No	0.5	Element Fault
SOU077	551	'6689490_/_6689488'	0.67	1.6	3.33	0.528	0.53	2.65	1.46 No	0.528	Thermal Discharging
SOU077	552	'6685325_/_6685322_2'	0.67	1.63	3.33	0.528	0.5	2.44	1.46 No	0.5	Element Fault
SOU077	553	'6711477_/_6711487'	0.63	1.6	3.33	0.528	0.53	2.65	1.46 No	0.528	Thermal Discharging
SOU077	554	'6702225_/_6702222'	0.6	1.6	3.33	0.528	0.5	2.62	1.46 No	0.5	Element Fault
SOU077	555	'6682961_/_43967334'	0.6	1.6	3.33	0.528	0.5	2.55	1.46 No	0.5	Element Fault
SOU077	556	'6684269_/_6684267'	1.7	4.7	10	1.592	1.6	7.4	4.39 No	1.592	Thermal Discharging
SOU077	557	'58118325_/_6682786'	0.53	1.6	3.33	0.528	0.5	2.56	1.46 No	0.5	Element Fault
SOU077	558	'6702027_/_6702024'	0.63	1.57	3.33	0.528	0.5	2.58	1.46 No	0.5	Element Fault
SOU077	559	'43971628_/_6702131'	0.63	1.57	3.33	0.528	0.5	2.56	1.46 No	0.5	Element Fault
SOU077	560	'6711422_/_7113576'	0.63	1.57	3.33	0.528	0.53	2.57	1.46 No	0.528	Thermal Discharging
SOU077	561	'353799729_/_353799727'	0.6	1.57	3.33	0.528	0.5	2.49	1.46 No	0.5	Element Fault
SOU077	562	'43968028_/_6685176'	0.53	1.57	3.33	0.528	0.5	2.36	1.46 No	0.5	Element Fault
SOU077	563	'43973789_/_6711474'	0.63	1.57	3.33	0.528	0.53	2.56	1.46 No	0.528	Thermal Discharging
SOU077	564	'6689285_/_6689282'	0.63	1.57	3.33	0.528	0.53	2.55	1.46 No	0.528	Thermal Discharging
SOU077	565	'6754027_/_6754024'	0.53	1.57	3.33	0.528	0.3	2.54	1.46 No	0.3	Element Fault
SOU077	566	'6682949_/_6682946'	0.67	1.57	3.33	0.528	0.5	2.34	1.46 No	0.5	Element Fault
SOU077	567	'6685338_/_6685335'	0.63	1.53	3.33	0.528	0.5	2.34	1.46 No	0.5	Element Fault
SOU077	568	'43971617_/_6702037'	0.6	1.5	3.33	0.528	0.5	2.49	1.46 No	0.5	Element Fault
SOU077	569	'6689298_/_118210658'	0.63	1.5	3.33	0.528	0.53	2.48	1.46 No	0.528	Thermal Discharging
SOU077	570	'6711409_/_6711419'	0.63	1.5	3.33	0.528	0.53	2.48	1.46 No	0.528	Thermal Discharging
SOU077	571	'6702238_/_6702235'	0.57	1.5	3.33	0.528	0.5	2.47	1.46 No	0.5	Element Fault
SOU077	572	'6702147_/_43971630'	0.6	1.5	3.33	0.528	0.5	2.47	1.46 No	0.5	Element Fault
SOU077	573	'43967760_/_43967762'	1.6	4.5	10	1.592	1.6	7.03	4.39 No	1.592	Thermal Discharging
SOU077	574	'6702160_/_6702157'	0.6	1.5	3.33	0.528	0.5	2.44	1.46 No	0.5	Element Fault
SOU077	575	'6711451_/_6711461'	0.6	1.5	3.33	0.528	0.53	2.45	1.46 No	0.528	Thermal Discharging
SOU077	576	'43969079_/_6689311'	0.6	1.47	3.33	0.528	0.53	2.44	1.46 No	0.528	Thermal Discharging
SOU077	577	'6711396_/_6711406'	0.6	1.47	3.33	0.528	0.53	2.41	1.46 No	0.528	Thermal Discharging
SOU077	578	'6685351_/_6685348'	0.6	1.47	3.33	0.528	0.5	2.25	1.46 No	0.5	Element Fault
SOU077	579	'6702053_/_6702050'	0.6	1.47	3.33	0.528	0.5	2.41	1.46 No	0.5	Element Fault
SOU077	580	'6685192_/_43968030'	0.5	1.47	3.33	0.528	0.5	2.24	1.46 No	0.5	Primary Over-Voltage
SOU077	581	'416373157_/_416373154'	1.5	4.3	10	1.592	1.6	6.85	4.39 No	1.5	Primary Over-Voltage
SOU077	582	'6702556_/_6702553'	0.53	1.47	3.33	0.528	0.5	2.39	1.46 No	0.5	Element Fault
SOU077	583	'6711435_/_6711448'	0.6	1.43	3.33	0.528	0.53	2.39	1.46 No	0.528	Thermal Discharging
SOU077	584	'43968072_/_6685361'	0.57	1.43	3.33	0.528	0.5	2.21	1.46 No	0.5	Element Fault
SOU077	585	'6711383_/_6711393'	0.57	1.43	3.33	0.528	0.53	2.34	1.46 No	0.528	Thermal Discharging
SOU077	586	'416373175_/_416373172'	1.5	4.2	10	1.592	1.6	6.71	4.39 No	1.5	Primary Over-Voltage
SOU077	587	'6711434_/_6711432'	0.57	1.4	3.33	0.528	0.53	2.34	1.46 No	0.528	Thermal Discharging
SOU077	588	'43968039_/_6685202'	0.5	1.4	3.33	0.528	0.5	2.16	1.46 No	0.5	Primary Over-Voltage
SOU077	589	'43971639_/_6702170'	0.57	1.4	3.33	0.528	0.5	2.31	1.46 No	0.5	Element Fault
SOU077	590	'6702069_/_6702066'	0.57	1.4	3.33	0.528	0.5	2.3	1.46 No	0.5	Element Fault
SOU077	591	'6711382_/_43973769'	0.57	1.4	3.33	0.528	0.53	2.29	1.46 No	0.528	Thermal Discharging
SOU077	592	'6699392_/_416373226'	1.4	4.1	10	1.592	1.6	6.6	4.39 No	1.4	Primary Over-Voltage
SOU077	593	'6685377_/_6685374'	0.57	1.4	3.33	0.528	0.5	2.14	1.46 No	0.5	Element Fault
SOU077	594	'6702082_/_6702079'	0.53	1.37	3.33	0.528	0.5	2.24	1.46 No	0.5	Element Fault
SOU077	595	'43966682_/_6699389'	1.4	4	10	1.592	1.6	6.41	4.39 No	1.4	Primary Over-Voltage
SOU077	596	'6685218_/_6685215'	0.47	1.33	3.33	0.528	0.5	2.08	1.46 No	0.47	Primary Over-Voltage
SOU077	597	'6753645_/_7113602'	0.53	1.33	3.33	0.528	0.5	2.2	1.46 No	0.5	Element Fault
SOU077	598	'43970204_/_6702092'	0.53	1.33	3.33	0.528	0.5	2.19	1.46 No	0.5	Element Fault
SOU077	599	'6682105_/_6699373'	1.4	3.9	10	1.592	1.6	6.32	4.39 No	1.4	Primary Over-Voltage
SOU077	600	'6685390_/_6685387'	0.53	1.33	3.33	0.528	0.5	2.06	1.46 No	0.5	Element Fault
SOU077	601	'6682104_/_6682102'	0.47	1.3	3.33	0.528	0.53	2.08	1.46 No	0.47	Primary Over-Voltage
SOU077	602	'6685231_/_6685228'	0.43	1.3	3.33	0.528	0.5	2.02	1.46 No	0.43	Primary Over-Voltage
SOU077	603	'6753619_/_7113589'	0.53	1.3	3.33	0.528	0.5	2.14	1.46 No	0.5	Element Fault
SOU077	604	'544124131_/_544124129'	1.3	3.8	10	1.592	1.6	6.19	4.39 No	1.3	Primary Over-Voltage
SOU077	605	'6753646_/_6753643'	0.5	1.27	3.33	0.528	0.5	2.11	1.46 No	0.5	Primary Over-Voltage
SOU077	606	'43968083_/_6685400'	0.5	1.27	3.33	0.528	0.5	2	1.46 No	0.5	Primary Over-Voltage
SOU077	607	'6685244_/_6685241'	0.43	1.27	3.33	0.528	0.5	1.98	1.46 No	0.43	Primary Over-Voltage
SOU077	608	'544124148_/_544124146'	1.3	3.8	10	1.592	1.6	6.09	4.39 No	1.3	Primary Over-Voltage
SOU077	609	'6698521_/_43970694'	0.47	1.27	3.33	0.528	0.53	2.02	1.46 No	0.47	Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SOU077	610	'6753620_/_6753617'	0.5	1.27	3.33	0.528	0.5	2.09	1.46 No	0.5	Primary Over-Voltage
SOU077	611	'51331755_/_51331753'	0.47	1.23	3.33	0.528	0.53	1.97	1.46 No	0.47	Primary Over-Voltage
SOU077	612	'43982862_/_6753630'	0.5	1.23	3.33	0.528	0.5	2.03	1.46 No	0.5	Primary Over-Voltage
SOU077	613	'580384254_/_6685254'	0.43	1.23	3.33	0.528	0.5	1.92	1.46 No	0.43	Primary Over-Voltage
SOU077	614	'6753659_/_6753656'	0.47	1.2	3.33	0.528	0.5	1.98	1.46 No	0.47	Primary Over-Voltage
SOU078	0	'SOU078_/_50794728_1'	10	10	10	0.768	10	10	8.91 No	0.768	Thermal Discharging
SOU078	1	'69848274_/_50794728_1'	10	10	10	0.768	10	10	8.91 No	0.768	Thermal Discharging
SOU078	2	'43972111_/_50794728_2'	10	10	10	0.768	10	10	8.91 No	0.768	Thermal Discharging
SOU078	3	'6704696_/_43972113'	10	10	10	0.768	10	10	8.91 No	0.768	Thermal Discharging
SOU078	4	'6705335_/_6705333'	10	10	10	0.768	10	10	8.91 No	0.768	Thermal Discharging
SOU078	5	'51430438_/_6705441'	10	10	10	0.768	10	10	8.91 No	0.768	Thermal Discharging
SOU078	6	'550916281_/_550916208_2'	10	10	10	0.768	5.3	10	8.91 No	0.768	Thermal Discharging
SOU078	7	'43972260_/_43972262'	10	10	10	0.768	10	10	8.91 No	0.768	Thermal Discharging
SOU078	8	'8719055_/_8719052_2'	10	10	10	0.768	5.3	10	8.91 No	0.768	Thermal Discharging
SOU078	9	'43972234_/_43972236'	10	10	10	0.768	10	10	8.91 No	0.768	Thermal Discharging
SOU078	10	'57283508_/_6705715'	10	10	10	0.768	10	10	8.91 No	0.768	Thermal Discharging
SOU078	11	'70256275_/_51622658'	10	10	10	0.768	10	10	8.91 No	0.768	Thermal Discharging
SOU078	12	'579687126_/_579687124'	10	10	10	0.768	10	10	8.91 No	0.768	Thermal Discharging
SOU078	13	'6705075_/_6705089'	10	10	10	0.768	10	10	8.91 No	0.768	Thermal Discharging
SOU078	14	'43966600_/_6705072'	10	10	10	0.768	10	10	8.91 No	0.768	Thermal Discharging
SOU078	15	'610150534_/_51302370'	10	10	10	0.768	10	10	8.91 No	0.768	Thermal Discharging
SOU078	16	'8719054_/_8719052_1'	10	10	10	0.768	1.5	10	8.91 No	0.768	Thermal Discharging
SOU078	17	'6696479_/_51302397'	10	10	10	0.768	10	10	8.91 No	0.768	Thermal Discharging
SOU078	18	'6696478_/_51302530'	10	10	10	0.768	10	10	8.91 No	0.768	Thermal Discharging
SOU078	19	'6696445_/_51302472'	10	10	10	0.768	10	10	8.91 No	0.768	Thermal Discharging
SOU078	20	'7459042_/_7459039_1'	6.67	6.67	6.67	0.512	1	6.67	5.94 No	0.512	Thermal Discharging
SOU078	21	'7773353_/_550916208_1'	10	10	10	0.768	1.5	10	8.91 No	0.768	Thermal Discharging
SOU078	22	'6696425_/_51302501'	10	10	10	0.768	10	10	8.91 No	0.768	Thermal Discharging
SOU078	23	'6696703_/_6696720'	10	10	10	0.768	10	10	8.91 No	0.768	Thermal Discharging
SOU078	24	'6696408_/_6696422'	10	10	10	0.768	10	10	8.91 No	0.768	Thermal Discharging
SOU078	25	'43972124_/_6704694'	10	10	10	0.768	3.5	10	8.91 No	0.768	Thermal Discharging
SOU078	26	'6696391_/_6696405'	10	10	10	0.768	10	10	8.91 No	0.768	Thermal Discharging
SOU078	27	'6696685_/_6696700'	10	10	10	0.768	10	10	8.91 No	0.768	Thermal Discharging
SOU078	28	'579687915_/_43972126_1'	6.67	6.67	6.67	0.512	1	6.67	5.94 No	0.512	Thermal Discharging
SOU078	29	'43970119_/_6696388'	10	10	10	0.768	10	10	8.91 No	0.768	Thermal Discharging
SOU078	30	'409523058_/_409522820_2'	10	10	10	0.768	5.3	10	8.91 No	0.768	Thermal Discharging
SOU078	31	'43970093_/_6696683'	10	10	10	0.768	10	10	8.91 No	0.768	Thermal Discharging
SOU078	32	'6696357_/_6696371'	10	10	10	0.768	10	10	8.91 No	0.768	Thermal Discharging
SOU078	33	'6696686_/_8401996_1'	10	10	10	0.768	3.3	10	8.91 No	0.768	Thermal Discharging
SOU078	34	'8719075_/_401776912'	10	10	10	0.768	1.5	10	8.91 No	0.768	Thermal Discharging
SOU078	35	'6696356_/_6696354_2'	10	10	10	0.768	10	10	8.91 No	0.768	Thermal Discharging
SOU078	36	'43970132_/_6696354_1'	10	10	10	0.768	10	10	8.91 No	0.768	Thermal Discharging
SOU078	37	'7459041_/_7459039_2'	6.67	6.67	6.67	0.512	1	6.67	5.94 No	0.512	Thermal Discharging
SOU078	38	'37981785_/_8401996_2'	10	10	10	0.768	3.3	10	8.91 No	0.768	Thermal Discharging
SOU078	39	'405025780_/_37981789'	10	10	10	0.768	3.3	10	8.91 No	0.768	Thermal Discharging
SOU078	40	'405025803_/_405025800'	10	10	10	0.768	3.3	10	8.91 No	0.768	Thermal Discharging
SOU078	41	'37981771_/_37981768'	10	10	10	0.768	3.3	10	8.91 No	0.768	Thermal Discharging
SOU078	42	'37981757_/_37981761'	10	10	10	0.768	3.3	10	8.91 No	0.768	Thermal Discharging
SOU078	43	'6691289_/_6696510'	10	10	10	0.768	10	10	8.91 No	0.768	Thermal Discharging
SOU078	44	'43970080_/_6696527'	10	10	10	0.768	10	10	8.91 No	0.768	Thermal Discharging
SOU078	45	'579688490_/_6691286'	10	10	10	0.768	10	10	8.91 No	0.768	Thermal Discharging
SOU078	46	'409522778_/_409522820_1'	10	10	10	0.768	3.2	10	8.91 No	0.768	Thermal Discharging
SOU078	47	'8094012_/_8094010_1'	10	10	10	0.768	2.4	10	8.91 No	0.768	Thermal Discharging
SOU078	48	'7773354_/_550916175'	10	10	10	0.768	1.5	10	8.91 No	0.768	Thermal Discharging
SOU078	49	'6696547_/_6696544'	10	10	10	0.768	10	10	8.91 No	0.768	Thermal Discharging
SOU078	50	'43970145_/_43970147'	10	10	10	0.768	10	10	8.91 No	0.768	Thermal Discharging
SOU078	51	'6696564_/_6696561'	10	10	10	0.768	10	10	8.91 No	0.768	Thermal Discharging
SOU078	52	'579688516_/_6691249'	10	10	10	0.768	10	10	8.91 No	0.768	Thermal Discharging
SOU078	53	'579688776_/_9038589_1'	10	10	10	0.768	1.5	10	8.91 No	0.768	Thermal Discharging
SOU078	54	'7459100_/_9038589_2'	10	10	10	0.768	1.5	10	8.91 No	0.768	Thermal Discharging
SOU078	55	'6696581_/_6696578'	10	10	10	0.768	10	10	8.91 No	0.768	Thermal Discharging
SOU078	56	'8094013_/_8094010_2'	10	10	10	0.768	2.4	10	8.91 No	0.768	Thermal Discharging
SOU078	57	'579687160_/_6696595'	10	10	10	0.768	10	10	8.91 No	0.768	Thermal Discharging
SOU078	58	'6704734_/_43972126_2'	6.67	6.67	6.67	0.512	1	6.67	5.94 No	0.512	Thermal Discharging
SOU078	59	'579688544_/_43969801'	10	10	10	0.768	10	10	8.91 No	0.768	Thermal Discharging
SOU078	60	'6696649_/_51302113'	10	10	10	0.768	10	10	8.91 No	0.768	Thermal Discharging
SOU078	61	'579688798_/_6691468_1'	6.67	6.67	6.67	0.512	1	6.67	5.94 No	0.512	Thermal Discharging
SOU078	62	'8719015_/_9353830_1'	10	10	10	0.768	1.5	10	8.91 No	0.768	Thermal Discharging
SOU078	63	'43968834_/_6688304'	6.67	6.67	6.67	0.512	6.67	6.67	5.94 No	0.512	Thermal Discharging
SOU078	64	'6692792_/_6697126'	10	10	10	0.768	10	10	8.91 No	0.768	Thermal Discharging
SOU078	65	'6696632_/_51302138'	10	10	10	0.768	10	10	8.91 No	0.768	Thermal Discharging
SOU078	66	'488926454_/_488926482'	10	10	10	0.768	1.5	10	8.91 No	0.768	Thermal Discharging
SOU078	67	'6667297_/_6667314'	10	10	10	0.768	10	10	8.91 No	0.768	Thermal Discharging
SOU078	68	'43970067_/_51301987'	10	10	10	0.768	10	10	8.91 No	0.768	Thermal Discharging
SOU078	69	'7459099_/_7459097'	10	10	10	0.768	1.5	10	8.91 No	0.768	Thermal Discharging
SOU078	70	'579687384_/_6692790'	10	10	10	0.768	10	10	8.91 No	0.768	Thermal Discharging
SOU078	71	'622654842_/_6692807_2'	10	10	10	0.768	10	10	8.91 No	0.768	Thermal Discharging
SOU078	72	'6696124_/_51302016'	10	10	10	0.768	10	10	8.91 No	0.768	Thermal Discharging
SOU078	73	'579687283_/_6667294'	10	10	10	0.768	10	10	8.91 No	0.768	Thermal Discharging
SOU078	74	'6696107_/_51301606'	10	10	10	0.768	10	10	8.91 No	0.768	Thermal Discharging
SOU078	75	'43969760_/_51302046'	10	10	10	0.768	10	10	8.91 No	0.768	Thermal Discharging
SOU078	76	'6691471_/_6691468_2'	6.67	6.67	6.67	0.512	1	6.67	5.94 No	0.512	Thermal Discharging
SOU078	77	'8720418_/_8720416'	10	10	10	0.768	3.3	10	8.91 No	0.768	Thermal Discharging
SOU078	78	'6690802_/_6690799_2'	10	10	10	0.768	3.3	10	8.91 No	0.768	Thermal Discharging
SOU078	79	'6696073_/_51302167'	10	10	10	0.768	10	10	8.91 No	0.768	Thermal Discharging
SOU078	80	'6691383_/_6696243'	10	10	10	0.768	10	10	8.91 No	0.768	Thermal Discharging
SOU078	81	'454993181_/_9353232'	10	10	10	0.768	3.3	10	8.91 No	0.768	Thermal Discharging
SOU078	82	'43969747_/_51302192'	10	10	10	0.768	10	10	8.91 No	0.768	Thermal Discharging
SOU078	83	'50697895_/_6696791'	10	10	10	0.768	10	10	8.91 No	0.768	Thermal Discharging
SOU078	84	'7772783_/_7772781_1'	10	10	10	0.768	1.5	10	8.91 No	0.768	Thermal Discharging
SOU078	85	'454993165_/_454993293'	6.67	6.67	6.67	0.512	2.2	6.67	5.94 No	0.512	Thermal Discharging
SOU078	86	'6696038_/_51302217'	10	10	10	0.768	10	10	8.91 No	0.768	Thermal Discharging
SOU078	87	'579688607_/_409522902'	10	10	10	0.768	10	10	8.91 No	0.768	Thermal Discharging
SOU078	88	'6696021_/_51302256'	10	10	10	0.768	10	10	8.91 No	0.768	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SOU078	89	'478621217_/409523022_2'		10	10	10	0.768	5.9	10	8.91 No	0.768 Thermal Discharging
SOU078	90	'6687588_/43968836'	3.33	3.33	3.33	0.256	1	3.33	2.97 No	0.256 Thermal Discharging	0.256 Thermal Discharging
SOU078	91	'409522966_/409523022_1'		10	10	10	0.768	3.8	10	8.91 No	0.768 Thermal Discharging
SOU078	92	'43969734_/51302287'		10	10	10	0.768	10	10	8.91 No	0.768 Thermal Discharging
SOU078	93	'43969721_/51302316'		10	10	10	0.768	10	10	8.91 No	0.768 Thermal Discharging
SOU078	94	'6690396_/51302343'		10	10	10	0.768	10	10	8.91 No	0.768 Thermal Discharging
SOU078	95	'6704752_/6704749'	6.67	6.67	6.67	0.512	1	6.67	5.94 No	0.512 Thermal Discharging	0.512 Thermal Discharging
SOU078	96	'7459002_/7458999'		10	10	10	0.768	3.8	10	8.91 No	0.768 Thermal Discharging
SOU078	97	'6690383_/6690380_2'	3.33	3.33	3.33	0.256	1.1	3.33	2.97 No	0.256 Thermal Discharging	0.256 Thermal Discharging
SOU078	98	'7459059_/7459057'		10	10	10	0.768	3.2	10	8.91 No	0.768 Thermal Discharging
SOU078	99	'9038650_/9038647'	6.67	6.67	6.67	0.512	1	6.67	5.94 No	0.512 Thermal Discharging	0.512 Thermal Discharging
SOU078	100	'388619580_/388619600'		10	10	10	0.768	3.2	10	8.91 No	0.768 Thermal Discharging
SOU078	101	'37981729_/7772781_2'		10	10	10	0.768	1.5	10	8.91 No	0.768 Thermal Discharging
SOU078	102	'405025883_/37981726'		10	10	10	0.768	1.5	10	8.91 No	0.768 Thermal Discharging
SOU078	103	'37981743_/37981747'		10	10	10	0.768	1.5	10	8.91 No	0.768 Thermal Discharging
SOU078	104	'405025946_/405025943'		10	10	10	0.768	1.5	10	8.91 No	0.768 Thermal Discharging
SOU078	105	'37981715_/37981719'		10	10	10	0.768	1.5	10	8.91 No	0.768 Thermal Discharging
SOU078	106	'579687327_/6690799_1'		10	10	10	0.768	1.6	10	8.91 No	0.768 Thermal Discharging
SOU078	107	'579688474_/43969827'	3.33	3.33	3.33	0.256	1	3.33	2.97 No	0.256 Thermal Discharging	0.256 Thermal Discharging
SOU078	108	'8720399_/8720396'		10	10	10	0.768	3.8	10	8.91 No	0.768 Thermal Discharging
SOU078	109	'454993144_/454993332'	3.33	3.33	3.33	0.256	1.1	3.33	2.97 No	0.256 Thermal Discharging	0.256 Thermal Discharging
SOU078	110	'6687587_/6687585'	3.33	3.33	3.33	0.256	1	3.33	2.97 No	0.256 Thermal Discharging	0.256 Thermal Discharging
SOU078	111	'6690370_/6690380_1'	3.33	3.33	3.33	0.256	0.5	3.33	2.97 No	0.256 Thermal Discharging	0.256 Thermal Discharging
SOU078	112	'6704784_/6704781'	6.67	6.67	6.67	0.512	1	6.67	5.94 No	0.512 Thermal Discharging	0.512 Thermal Discharging
SOU078	113	'8720439_/8720436'		10	10	10	0.768	3.8	10	8.91 No	0.768 Thermal Discharging
SOU078	114	'9667260_/9667278'		10	10	10	0.768	3.2	10	8.91 No	0.768 Thermal Discharging
SOU078	115	'6705737_/6705735'		10	10	10	0.768	1.6	10	8.91 No	0.768 Thermal Discharging
SOU078	116	'6704799_/6704796'	6.67	6.67	6.67	0.512	1	6.67	5.94 No	0.512 Thermal Discharging	0.512 Thermal Discharging
SOU078	117	'8094052_/9667358'		10	10	10	0.768	1.5	10	8.91 No	0.768 Thermal Discharging
SOU078	118	'43972273_/6705583'	6.67	6.67	6.67	0.512	1	6.67	5.94 No	0.512 Thermal Discharging	0.512 Thermal Discharging
SOU078	119	'43970703_/6698532'	3.33	3.33	3.33	0.256	1	3.33	2.97 No	0.256 Thermal Discharging	0.256 Thermal Discharging
SOU078	120	'37981813_/454993273'		10	10	10	0.768	3.3	10	8.91 No	0.768 Thermal Discharging
SOU078	121	'405025661_/37981810'		10	10	10	0.768	3.3	10	8.91 No	0.768 Thermal Discharging
SOU078	122	'37981799_/37981803'		10	10	10	0.768	3.3	10	8.91 No	0.768 Thermal Discharging
SOU078	123	'405025678_/405025675'		10	10	10	0.768	3.3	10	8.91 No	0.768 Thermal Discharging
SOU078	124	'37981827_/37981831'		10	10	10	0.768	3.3	10	8.91 No	0.768 Thermal Discharging
SOU078	125	'111850762_/111850738'		10	10	10	0.768	1.6	10	8.91 No	0.768 Thermal Discharging
SOU078	126	'43972198_/6705619'	6.67	6.67	6.67	0.512	1	6.67	5.94 No	0.512 Thermal Discharging	0.512 Thermal Discharging
SOU078	127	'6690357_/6690367'	3.33	3.33	3.33	0.256	0.5	3.33	2.97 No	0.256 Thermal Discharging	0.256 Thermal Discharging
SOU078	128	'43972296_/43972298'		10	10	10	0.768	1.6	10	8.91 No	0.768 Thermal Discharging
SOU078	129	'614687837_/579687100'	3.33	3.33	3.33	0.256	1	3.33	2.97 No	0.256 Thermal Discharging	0.256 Thermal Discharging
SOU078	130	'49455843_/7459077'		10	10	10	0.768	3.3	10	8.91 No	0.768 Thermal Discharging
SOU078	131	'455560120_/455560148'		10	10	10	0.768	3.3	10	8.91 No	0.768 Thermal Discharging
SOU078	132	'6691306_/43970056_1'		10	10	10	0.768	3.3	10	8.91 No	0.768 Thermal Discharging
SOU078	133	'7772803_/7772801'		10	10	10	0.768	3.3	10	8.91 No	0.768 Thermal Discharging
SOU078	134	'6704817_/6704814'	6.67	6.67	6.67	0.512	1	6.67	5.94 No	0.512 Thermal Discharging	0.512 Thermal Discharging
SOU078	135	'6704834_/6705604'	6.67	6.67	6.67	0.512	1	6.67	5.94 No	0.512 Thermal Discharging	0.512 Thermal Discharging
SOU078	136	'478621125_/9667298_1'		10	10	10	0.768	3.8	10	8.91 No	0.768 Thermal Discharging
SOU078	137	'6691305_/43970056_2'		10	10	10	0.768	3.3	10	8.91 No	0.768 Thermal Discharging
SOU078	138	'6705640_/6705637'	6.67	6.67	6.67	0.512	1	6.67	5.94 No	0.512 Thermal Discharging	0.512 Thermal Discharging
SOU078	139	'7459635_/7459633_1'	6.67	6.67	6.67	0.512	0.6	6.67	5.94 No	0.512 Thermal Discharging	0.512 Thermal Discharging
SOU078	140	'579688865_/614687843'	3.33	3.33	3.33	0.256	1	3.33	2.97 No	0.256 Thermal Discharging	0.256 Thermal Discharging
SOU078	141	'43970496_/43970498'		10	10	10	0.768	1.6	10	8.91 No	0.768 Thermal Discharging
SOU078	142	'496592804_/7459633_2'	6.67	6.67	6.67	0.512	0.6	6.67	5.94 No	0.512 Thermal Discharging	0.512 Thermal Discharging
SOU078	143	'579687172_/43969599'	3.33	3.33	3.33	0.256	0.5	3.33	2.97 No	0.256 Thermal Discharging	0.256 Thermal Discharging
SOU078	144	'455841626_/496592828'	6.67	6.67	6.67	0.512	0.6	6.67	5.94 No	0.512 Thermal Discharging	0.512 Thermal Discharging
SOU078	145	'7459636_/455841656'	6.67	6.67	6.67	0.512	0.6	6.67	5.94 No	0.512 Thermal Discharging	0.512 Thermal Discharging
SOU078	146	'6704994_/6705650'	6.67	6.67	6.67	0.512	1	6.67	5.94 No	0.512 Thermal Discharging	0.512 Thermal Discharging
SOU078	147	'6690331_/6690341'	3.33	3.33	3.33	0.256	0.5	3.33	2.97 No	0.256 Thermal Discharging	0.256 Thermal Discharging
SOU078	148	'6697594_/6697608'		10	10	10	0.768	1.6	10	8.91 No	0.768 Thermal Discharging
SOU078	149	'6704995_/6704992'	3.33	3.33	3.33	0.256	0.5	3.33	2.97 No	0.256 Thermal Discharging	0.256 Thermal Discharging
SOU078	150	'6690490_/6690487'	3.33	3.33	3.33	0.256	0.5	3.33	2.97 No	0.256 Thermal Discharging	0.256 Thermal Discharging
SOU078	151	'6705011_/6705008'	3.33	3.33	3.33	0.256	0.5	3.33	2.97 No	0.256 Thermal Discharging	0.256 Thermal Discharging
SOU078	152	'6690318_/6690328'	3.33	3.33	3.33	0.256	0.5	3.33	2.97 No	0.256 Thermal Discharging	0.256 Thermal Discharging
SOU078	153	'6690302_/6690315'	3.33	3.33	3.33	0.256	0.5	3.33	2.97 No	0.256 Thermal Discharging	0.256 Thermal Discharging
SOU078	154	'6690785_/6697591'		10	10	10	0.768	1.6	10	8.91 No	0.768 Thermal Discharging
SOU078	155	'579687112_/6705021'	3.33	3.33	3.33	0.256	0.5	3.33	2.97 No	0.256 Thermal Discharging	0.256 Thermal Discharging
SOU078	156	'43969671_/6690503'	3.33	3.33	3.33	0.256	0.5	3.33	2.97 No	0.256 Thermal Discharging	0.256 Thermal Discharging
SOU078	157	'6705024_/579687110'	2.6	3.33	3.33	0.256	0.5	3.33	2.97 No	0.256 Thermal Discharging	0.256 Thermal Discharging
SOU078	158	'52074150_/6698545'		10	10	10	0.768	1.6	10	8.91 No	0.768 Thermal Discharging
SOU078	159	'8402878_/8402876_1'		10	10	10	0.768	0.5	10	8.91 No	0.5 Element Fault
SOU078	160	'6690289_/6690299'	3.33	3.33	3.33	0.256	0.5	3.33	2.97 No	0.256 Thermal Discharging	0.256 Thermal Discharging
SOU078	161	'8402879_/8402876_2'		8.8	10	10	0.768	0.5	10	8.91 No	0.5 Element Fault
SOU078	162	'52074207_/6690782'		8.2	10	10	0.768	1.6	10	8.91 No	0.768 Thermal Discharging
SOU078	163	'6690519_/6690516'	3.33	3.33	3.33	0.256	0.5	3.33	2.97 No	0.256 Thermal Discharging	0.256 Thermal Discharging
SOU078	164	'43969849_/6690872'		7.3	10	10	0.768	1.6	10	8.91 No	0.768 Thermal Discharging
SOU078	165	'43969660_/6690286'	3.33	3.33	3.33	0.256	0.5	3.33	2.97 No	0.256 Thermal Discharging	0.256 Thermal Discharging
SOU078	166	'104039405_/6690731'		6.8	10	10	0.768	1.6	10	8.91 No	0.768 Thermal Discharging
SOU078	167	'104039784_/104039666_1'		6.8	10	10	0.768	0.9	10	8.91 No	0.768 Thermal Discharging
SOU078	168	'43969862_/6690765'		6.2	10	10	0.768	1.6	10	8.91 No	0.768 Thermal Discharging
SOU078	169	'6690263_/6690273'	3.33	3.33	3.33	0.256	0.5	3.33	2.97 No	0.256 Thermal Discharging	0.256 Thermal Discharging
SOU078	170	'107661333_/107661405'	3.87	6.67	6.67	0.512	0.6	6.67	5.94 No	0.512 Thermal Discharging	0.512 Thermal Discharging
SOU078	171	'107661350_/104039666_2'		5.9	10	10	0.768	0.9	10	8.91 No	0.768 Thermal Discharging
SOU078	172	'6690532_/6690529'	3.33	3.33	3.33	0.256	0.5	3.33	2.97 No	0.256 Thermal Discharging	0.256 Thermal Discharging
SOU078	173	'154611342_/6690748'		5.4	10	10	0.768	1.6	10	8.91 No	0.768 Thermal Discharging
SOU078	174	'6690262_/6690260'	3.33	3.33	3.33	0.256	0.5	3.33	2.97 No	0.256 Thermal Discharging	0.256 Thermal Discharging
SOU078	175	'6690545_/6690542'	3.33	3.33	3.33	0.256	0.5	3.33	2.97 No	0.256 Thermal Discharging	0.256 Thermal Discharging
SOU078	176	'107661519_/107661375_1'		4.9	10	10	0.768	1.5	10	8.91 No	0.768 Thermal Discharging
SOU078	177	'290654761_/107661434'	2.73	3.33	3.33	0.256	0.3	3.33	2.97 No	0.256 Thermal Discharging	0.256 Thermal Discharging
SOU079	0	'SOU079_/8402816'		10	10	1.248		10	10	5.01 No	1.248 Thermal Discharging
SOU079	1	'7773474_/8402816'		10	10	1.248		10	10	5.01 No	1.248 Thermal Discharging
SOU079	2	'622496264_/51635950_1'		10	10	1.248		10	10	5.01 No	1.248 Thermal Discharging
SOU079	3	'622496241_/51635950_2'		10	10	1.248		10	10	5.01 No	1.248 Thermal Discharging
SOU079	4	'51622867_/6705475'		10	10	1.248		10	10	5.01 No	1.248 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over- Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SOU079	5	'43972136_/51622842'		10	10	10	1.248	10	10	5.01 No	1.248 Thermal Discharging
SOU079	6	'6705373_/43972138'		10	10	10	1.248	10	10	5.01 No	1.248 Thermal Discharging
SOU079	7	'6694236_/6705390'		10	10	10	1.248	10	10	5.01 No	1.248 Thermal Discharging
SOU079	8	'52057054_/6694234'		10	10	10	1.248	10	10	5.01 No	1.248 Thermal Discharging
SOU079	9	'52056465_/52056442'		10	10	10	1.248	10	10	5.01 No	1.248 Thermal Discharging
SOU079	10	'52056466_/52056463'		10	10	10	1.248	10	10	5.01 No	1.248 Thermal Discharging
SOU079	11	'43968502_/6694254'		10	10	10	1.248	10	10	5.01 No	1.248 Thermal Discharging
SOU079	12	'52057060_/52056484'		10	10	10	1.248	10	10	5.01 No	1.248 Thermal Discharging
SOU079	13	'52057064_/52056513'		10	10	10	1.248	10	10	5.01 No	1.248 Thermal Discharging
SOU079	14	'6757973_/7113330'		10	10	10	1.248	10	10	5.01 No	1.248 Thermal Discharging
SOU079	15	'52057068_/52056534'		10	10	10	1.248	10	10	5.01 No	1.248 Thermal Discharging
SOU079	16	'52057072_/52056555'		10	10	10	1.248	10	10	5.01 No	1.248 Thermal Discharging
SOU079	17	'6757974_/6757971'		10	10	10	1.248	10	10	5.01 No	1.248 Thermal Discharging
SOU079	18	'52057076_/52056576'		10	10	10	1.248	10	10	5.01 No	1.248 Thermal Discharging
SOU079	19	'52057084_/52056601'		10	10	10	1.248	10	10	5.01 No	1.248 Thermal Discharging
SOU079	20	'6747043_/6757988'		10	10	10	1.248	10	10	5.01 No	1.248 Thermal Discharging
SOU079	21	'52057088_/52056622'		9.9	10	10	1.248	10	10	5.01 No	1.248 Thermal Discharging
SOU079	22	'52057092_/52056643'		9.3	10	10	1.248	10	10	5.01 No	1.248 Thermal Discharging
SOU079	23	'6747044_/6747041'		10	10	10	1.248	10	10	5.01 No	1.248 Thermal Discharging
SOU079	24	'52057096_/52056664'		8.9	10	10	1.248	10	10	5.01 No	1.248 Thermal Discharging
SOU079	25	'52057104_/52056689'		8.6	10	10	1.248	10	10	5.01 No	1.248 Thermal Discharging
SOU079	26	'8723271_/9344052_2'		10	10	10	1.248	5.4	10	5.01 No	1.248 Thermal Discharging
SOU079	27	'622496361_/6760380'		10	10	10	1.248	10	10	5.01 No	1.248 Thermal Discharging
SOU079	28	'52057108_/52056718'		8.2	10	10	1.248	10	10	5.01 No	1.248 Thermal Discharging
SOU079	29	'580054635_/43981563_1'		3.33	3.33	3.33	0.416	0.5	3.33	1.67 No	0.416 Thermal Discharging
SOU079	30	'6745457_/43981563_2'		3.33	3.33	3.33	0.416	0.5	3.33	1.67 No	0.416 Thermal Discharging
SOU079	31	'52057112_/52056747'		7.9	10	10	1.248	10	10	5.01 No	1.248 Thermal Discharging
SOU079	32	'52057116_/52056768'		7.7	10	10	1.248	10	10	5.01 No	1.248 Thermal Discharging
SOU079	33	'52057120_/52056789'		7.4	10	10	1.248	10	10	5.01 No	1.248 Thermal Discharging
SOU079	34	'52057124_/52056810'		7	10	10	1.248	10	10	5.01 No	1.248 Thermal Discharging
SOU079	35	'52057128_/52056831'		6.8	10	10	1.248	10	10	5.01 No	1.248 Thermal Discharging
SOU079	36	'52057132_/52056852'		6.6	10	10	1.248	10	10	5.01 No	1.248 Thermal Discharging
SOU079	37	'52057136_/52056873'		6.5	10	10	1.248	10	10	5.01 No	1.248 Thermal Discharging
SOU079	38	'52057140_/52056898'		6.3	10	10	1.248	10	10	5.01 No	1.248 Thermal Discharging
SOU079	39	'9040455_/9344052_1'		8.1	10	10	1.248	1.5	10	5.01 No	1.248 Thermal Discharging
SOU079	40	'52057144_/52056927'		6	10	10	1.248	10	10	5.01 No	1.248 Thermal Discharging
SOU079	41	'52057152_/52056952'		5.8	10	10	1.248	10	10	5.01 No	1.248 Thermal Discharging
SOU079	42	'6745458_/6745455'		3.33	3.33	3.33	0.416	0.5	3.33	1.67 No	0.416 Thermal Discharging
SOU079	43	'52057156_/52056981'		5.7	10	10	1.248	10	10	5.01 No	1.248 Thermal Discharging
SOU079	44	'52057160_/52057006'		5.6	10	10	1.248	10	10	5.01 No	1.248 Thermal Discharging
SOU079	45	'52057164_/52057031'		5.4	10	10	1.248	10	10	5.01 No	1.248 Thermal Discharging
SOU079	46	'52057204_/52057201'		5.4	10	10	1.248	10	10	5.01 No	1.248 Thermal Discharging
SOU079	47	'70255210_/52571594_3'		5.4	10	10	1.248	10	10	5.01 No	1.248 Thermal Discharging
SOU079	48	'43981572_/6745468'		2.6	3.33	3.33	0.416	0.5	3.33	1.67 No	0.416 Thermal Discharging
SOU079	49	'70255139_/52571594_2'		5.4	10	10	1.248	10	10	5.01 No	1.248 Thermal Discharging
SOU079	50	'6962830_/52571594_1'		5.4	10	10	1.248	10	10	5.01 No	1.248 Thermal Discharging
SOU079	51	'44026733_/50790023'		5.3	10	10	1.248	10	10	5.01 No	1.248 Thermal Discharging
SOU079	52	'50790669_/50790002'		5.4	10	10	1.248	10	10	5.01 No	1.248 Thermal Discharging
SOU079	53	'6993562_/50790044'		5.3	10	10	1.248	10	10	5.01 No	1.248 Thermal Discharging
SOU079	54	'6962796_/50789977'		5.4	10	10	1.248	10	10	5.01 No	1.248 Thermal Discharging
SOU079	55	'44033408_/50790065'		5.3	10	10	1.248	10	10	5.01 No	1.248 Thermal Discharging
SOU079	56	'6962863_/6962926_2'		1.8	3.33	3.33	0.416	1.2	3.33	1.67 No	0.416 Thermal Discharging
SOU079	57	'44026707_/50789931'		5.3	10	10	1.248	10	10	5.01 No	1.248 Thermal Discharging
SOU079	58	'6993580_/50790086'		5.3	10	10	1.248	10	10	5.01 No	1.248 Thermal Discharging
SOU079	59	'6962762_/50789906'		5.2	10	10	1.248	10	10	5.01 No	1.248 Thermal Discharging
SOU079	60	'6962761_/50789852'		5.2	10	10	1.248	10	10	5.01 No	1.248 Thermal Discharging
SOU079	61	'50790698_/50790115'		5.2	10	10	1.248	10	10	5.01 No	1.248 Thermal Discharging
SOU079	62	'44027579_/50789825'		5.1	10	10	1.248	10	10	5.01 No	1.248 Thermal Discharging
SOU079	63	'6745484_/6745481'		2.2	3.33	3.33	0.416	0.5	3.33	1.67 No	0.416 Thermal Discharging
SOU079	64	'44033520_/50790136'		5.2	10	10	1.248	10	10	5.01 No	1.248 Thermal Discharging
SOU079	65	'6962745_/50789796'		5.1	10	10	1.248	10	10	5.01 No	1.248 Thermal Discharging
SOU079	66	'6993897_/50790157'		5.1	10	10	1.248	10	10	5.01 No	1.248 Thermal Discharging
SOU079	67	'6962744_/50789771'		5	10	10	1.248	10	10	5.01 No	1.248 Thermal Discharging
SOU079	68	'44033533_/50790182'		5.1	10	10	1.248	10	10	5.01 No	1.248 Thermal Discharging
SOU079	69	'44027566_/50789750'		4.9	10	10	1.248	10	10	5.01 No	1.248 Thermal Discharging
SOU079	70	'6993931_/50790203'		5.1	10	10	1.248	10	10	5.01 No	1.248 Thermal Discharging
SOU079	71	'6965095_/50791083_1'		4.9	10	10	1.248	10	10	5.01 No	1.248 Thermal Discharging
SOU079	72	'50790731_/50790228'		5.1	10	10	1.248	10	10	5.01 No	1.248 Thermal Discharging
SOU079	73	'6993965_/50790249'		5.1	10	10	1.248	10	10	5.01 No	1.248 Thermal Discharging
SOU079	74	'6993982_/50790278'		5	10	10	1.248	10	10	5.01 No	1.248 Thermal Discharging
SOU079	75	'6997727_/6997744_1'		5.1	10	10	1.248	1.9	10	5.01 No	1.248 Thermal Discharging
SOU079	76	'6993999_/50790299_1'		5	10	10	1.248	10	10	5.01 No	1.248 Thermal Discharging
SOU079	77	'44033546_/50790299_2'		5	10	10	1.248	10	10	5.01 No	1.248 Thermal Discharging
SOU079	78	'6994016_/50790324'		5	10	10	1.248	10	10	5.01 No	1.248 Thermal Discharging
SOU079	79	'44033559_/50790345'		5	10	10	1.248	10	10	5.01 No	1.248 Thermal Discharging
SOU079	80	'6745497_/6745494'		1.93	3.33	3.33	0.416	0.5	3.33	1.67 No	0.416 Thermal Discharging
SOU079	81	'6994050_/50790376'		5	10	10	1.248	10	10	5.01 No	1.248 Thermal Discharging
SOU079	82	'6997054_/6997744_2'		5.1	10	10	1.248	1.9	10	5.01 No	1.248 Thermal Discharging
SOU079	83	'44033572_/50790397'		5	10	10	1.248	10	10	5.01 No	1.248 Thermal Discharging
SOU079	84	'7468264_/8103088_1'		5	10	10	1.248	1.7	10	5.01 No	1.248 Thermal Discharging
SOU079	85	'6976066_/50790418'		5	10	10	1.248	10	10	5.01 No	1.248 Thermal Discharging
SOU079	86	'9040456_/9040453'		1.47	3.33	3.33	0.416	0.5	3.33	1.67 No	0.416 Thermal Discharging
SOU079	87	'44033673_/50790439'		5	10	10	1.248	10	10	5.01 No	1.248 Thermal Discharging
SOU079	88	'6976084_/50790460'		5	10	10	1.248	10	10	5.01 No	1.248 Thermal Discharging
SOU079	89	'6976101_/50790481'		5	10	10	1.248	10	10	5.01 No	1.248 Thermal Discharging
SOU079	90	'6976118_/50790502'		4.9	10	10	1.248	10	10	5.01 No	1.248 Thermal Discharging
SOU079	91	'44033686_/50790523'		4.9	10	10	1.248	10	10	5.01 No	1.248 Thermal Discharging
SOU079	92	'6961760_/6962926_1'		1.8	3.33	3.33	0.416	0.5	3.33	1.67 No	0.416 Thermal Discharging
SOU079	93	'6976152_/50790544'		4.9	10	10	1.248	10	10	5.01 No	1.248 Thermal Discharging
SOU079	94	'6976169_/50790565'		4.9	10	10	1.248	10	10	5.01 No	1.248 Thermal Discharging
SOU079	95	'44034120_/44034122'		5.1	10	10	1.248	1.9	10	5.01 No	1.248 Thermal Discharging
SOU079	96	'6976186_/50790586'		4.9	10	10	1.248	10	10	5.01 No	1.248 Thermal Discharging
SOU079	97	'44033699_/50790607'		4.9	10	10	1.248	10	10	5.01 No	1.248 Thermal Discharging
SOU079	98	'6976203_/50790628_2'		4.9	10	10	1.248	10	10	5.01 No	1.248 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SOU079	99	'6976220_/_50790628_1'		4.9	10	10	1.248	10	10	5.01 No	1.248 Thermal Discharging
SOU079	100	'76786964_/_52245385_1'		4.9	10	10	1.248	10	10	5.01 No	1.248 Thermal Discharging
SOU079	101	'37996456_/_8103088_2'		5	10	10	1.248	1.7	10	5.01 No	1.248 Thermal Discharging
SOU079	102	'404908867_/_37996460'		5	10	10	1.248	1.7	10	5.01 No	1.248 Thermal Discharging
SOU079	103	'404908886_/_404908883'		5	10	10	1.248	1.7	10	5.01 No	1.248 Thermal Discharging
SOU079	104	'37996428_/_37996432'		5	10	10	1.248	1.7	10	5.01 No	1.248 Thermal Discharging
SOU079	105	'37996442_/_37996439'		5	10	10	1.248	1.7	10	5.01 No	1.248 Thermal Discharging
SOU079	106	'6976237_/_6976234'		4.9	10	10	1.248	6.3	10	5.01 No	1.248 Thermal Discharging
SOU079	107	'589912424_/_9409150_1'		4.9	10	10	1.248	3.4	10	5.01 No	1.248 Thermal Discharging
SOU079	108	'6992930_/_6997051'		4.9	10	10	1.248	1.9	10	5.01 No	1.248 Thermal Discharging
SOU079	109	'580049548_/_73973096'		4.9	10	10	1.248	3.3	10	5.01 No	1.248 Thermal Discharging
SOU079	110	'589912246_/_580049546_1'		4.9	10	10	1.248	1.5	10	5.01 No	1.248 Thermal Discharging
SOU079	111	'6961735_/_6961758'		1.83	3.33	3.33	0.416	0.5	3.33	1.67 No	0.416 Thermal Discharging
SOU079	112	'449733949_/_449733978'		4.7	10	10	1.248	1.7	10	5.01 No	1.248 Thermal Discharging
SOU079	113	'7468243_/_9674930'		4.6	10	10	1.248	1.7	10	5.01 No	1.248 Thermal Discharging
SOU079	114	'8103071_/_9409150_2'		4.7	10	10	1.248	3.4	10	5.01 No	1.248 Thermal Discharging
SOU079	115	'73973099_/_580049546_2'		4.7	10	10	1.248	1.5	10	5.01 No	1.248 Thermal Discharging
SOU079	116	'52245383_/_52245385_2'		4.7	10	10	1.248	10	10	5.01 No	1.248 Thermal Discharging
SOU079	117	'6992931_/_6992928'		4.5	10	10	1.248	1.9	10	5.01 No	1.248 Thermal Discharging
SOU079	118	'7805031_/_8103068'		4.5	10	10	1.248	3.4	10	5.01 No	1.248 Thermal Discharging
SOU079	119	'6997648_/_6997708_2'		1.5	3.33	3.33	0.416	0.63	3.33	1.67 No	0.416 Thermal Discharging
SOU079	120	'6976270_/_6976267'		1.63	3.33	3.33	0.416	1.1	3.33	1.67 No	0.416 Thermal Discharging
SOU079	121	'6992948_/_6992945'		4.3	10	10	1.248	1.9	10	5.01 No	1.248 Thermal Discharging
SOU079	122	'76787156_/_76787190'		4.2	10	10	1.248	3.4	10	5.01 No	1.248 Thermal Discharging
SOU079	123	'7468244_/_7468241'		4.1	10	10	1.248	1.7	10	5.01 No	1.248 Thermal Discharging
SOU079	124	'6961748_/_6961745'		1.57	3.33	3.33	0.416	0.5	3.33	1.67 No	0.416 Thermal Discharging
SOU079	125	'6993070_/_6997708_1'		1.5	3.33	3.33	0.416	0.3	3.33	1.67 No	0.3 Element Fault
SOU079	126	'6961722_/_6961732'		1.57	3.33	3.33	0.416	0.5	3.33	1.67 No	0.416 Thermal Discharging
SOU079	127	'73973143_/_73973177'		4	10	10	1.248	1.5	10	5.01 No	1.248 Thermal Discharging
SOU079	128	'52245408_/_52245410'		4.2	10	10	1.248	10	10	5.01 No	1.248 Thermal Discharging
SOU079	129	'8721123_/_8721120'		3.9	10	10	1.248	1.7	10	5.01 No	1.248 Thermal Discharging
SOU079	130	'8721103_/_8721100'		3.9	10	10	1.248	1.7	10	5.01 No	1.248 Thermal Discharging
SOU079	131	'6997586_/_6997583'		3.9	10	10	1.248	1.9	10	5.01 No	1.248 Thermal Discharging
SOU079	132	'7805030_/_7805028'		4.1	8	10	1.248	3.4	10	5.01 No	1.248 Thermal Discharging
SOU079	133	'6961774_/_6961771'		1.47	3.33	3.33	0.416	0.5	3.33	1.67 No	0.416 Thermal Discharging
SOU079	134	'6997662_/_6997659_2'		1.3	3.33	3.33	0.416	0.63	3.33	1.67 No	0.416 Thermal Discharging
SOU079	135	'6992964_/_6997626'		3.7	10	10	1.248	1.9	10	5.01 No	1.248 Thermal Discharging
SOU079	136	'580050900_/_6961784_1'		1.43	3.33	3.33	0.416	0.5	3.33	1.67 No	0.416 Thermal Discharging
SOU079	137	'7468284_/_8103048'		4	8	10	1.248	3.4	10	5.01 No	1.248 Thermal Discharging
SOU079	138	'580053814_/_117794012_1'		3.7	10	10	1.248	1.3	10	5.01 No	1.248 Thermal Discharging
SOU079	139	'580053780_/_6992962_1'		1.23	3.33	3.33	0.416	0.3	3.33	1.67 No	0.3 Element Fault
SOU079	140	'432677598_/_432677617'		1.2	3.33	3.33	0.416	0.57	3.33	1.67 No	0.416 Thermal Discharging
SOU079	141	'440333298_/_44033300'		1.5	3.33	3.33	0.416	0.3	3.33	1.67 No	0.3 Element Fault
SOU079	142	'387017075_/_73973141'		3.6	9.8	10	1.248	1.5	10	5.01 No	1.248 Thermal Discharging
SOU079	143	'6993122_/_6997659_1'		1.3	3.23	3.33	0.416	0.3	3.33	1.67 No	0.3 Element Fault
SOU079	144	'6961709_/_6961719'		1.37	3.33	3.33	0.416	0.5	3.33	1.67 No	0.416 Thermal Discharging
SOU079	145	'44034133_/_117794012_2'		3.5	9.5	10	1.248	1.3	10	5.01 No	1.248 Thermal Discharging
SOU079	146	'6992813_/_7117543'		1.33	3.27	3.33	0.416	0.5	3.33	1.67 No	0.416 Thermal Discharging
SOU079	147	'7468283_/_7468281'		3.7	8.1	10	1.248	3.4	10	5.01 No	1.248 Thermal Discharging
SOU079	148	'6993281_/_6995522'		1.43	3.17	3.33	0.416	1.1	3.33	1.67 No	0.416 Thermal Discharging
SOU079	149	'7781199_/_7781197'		2.4	5.4	6.67	0.832	2.27	6.67	3.34 No	0.832 Thermal Discharging
SOU079	150	'6961787_/_6961784_2'		1.33	3.2	3.33	0.416	0.5	3.33	1.67 No	0.416 Thermal Discharging
SOU079	151	'37982429_/_52245523'		3.7	9.1	10	1.248	10	10	5.01 No	1.248 Thermal Discharging
SOU079	152	'405015549_/_37982426'		3.7	9.1	10	1.248	10	10	5.01 No	1.248 Thermal Discharging
SOU079	153	'37982380_/_37982384'		3.7	9.1	10	1.248	10	10	5.01 No	1.248 Thermal Discharging
SOU079	154	'37982401_/_37982398'		3.7	9.1	10	1.248	5	10	5.01 No	1.248 Thermal Discharging
SOU079	155	'37982415_/_37982412'		3.7	9.1	10	1.248	10	10	5.01 No	1.248 Thermal Discharging
SOU079	156	'580049532_/_73973255'		3.4	9.1	10	1.248	1.5	10	5.01 No	1.248 Thermal Discharging
SOU079	157	'6992965_/_6992962_2'		1.23	3.07	3.33	0.416	0.3	3.33	1.67 No	0.3 Element Fault
SOU079	158	'6993044_/_6993054'		1.5	3	3.33	0.416	0.3	3.33	1.67 No	0.3 Element Fault
SOU079	159	'8112098_/_8112096'		3.4	8.1	10	1.248	3.4	10	5.01 No	1.248 Thermal Discharging
SOU079	160	'37996470_/_8410894'		3.3	8.9	10	1.248	1.3	10	5.01 No	1.248 Thermal Discharging
SOU079	161	'404908725_/_37996474'		3.3	8.9	10	1.248	1.3	10	5.01 No	1.248 Thermal Discharging
SOU079	162	'404908820_/_404908817'		3.3	8.9	10	1.248	1.3	10	5.01 No	1.248 Thermal Discharging
SOU079	163	'37996484_/_37996481'		3.3	8.9	10	1.248	1.3	10	5.01 No	1.248 Thermal Discharging
SOU079	164	'37996498_/_37996502'		3.3	8.9	10	1.248	1.3	10	5.01 No	1.248 Thermal Discharging
SOU079	165	'8748884_/_8748882_2'		3.5	8.6	10	1.248	10	10	5.01 No	1.248 Thermal Discharging
SOU079	166	'8403893_/_9355024'		3.3	8.1	10	1.248	3.4	10	5.01 No	1.248 Thermal Discharging
SOU079	167	'43981893_/_8748882_1'		3.5	8.6	10	1.248	10	10	5.01 No	1.248 Thermal Discharging
SOU079	168	'44033364_/_6993291'		1.3	2.9	3.33	0.416	1.1	3.33	1.67 No	0.416 Thermal Discharging
SOU079	169	'6961696_/_6961706_2'		1.23	3	3.33	0.416	0.5	3.33	1.67 No	0.416 Thermal Discharging
SOU079	170	'73973258_/_580049530'		3.2	8.6	10	1.248	1.5	10	5.01 No	1.248 Thermal Discharging
SOU079	171	'6761005_/_6761019'		3.4	8.5	10	1.248	10	10	5.01 No	1.248 Thermal Discharging
SOU079	172	'44033320_/_6993119'		1.3	2.87	3.33	0.416	0.3	3.33	1.67 No	0.3 Element Fault
SOU079	173	'43981880_/_6761002'		3.4	8.4	10	1.248	10	10	5.01 No	1.248 Thermal Discharging
SOU079	174	'44026398_/_6961706_1'		1.23	3	3.33	0.416	0.5	3.33	1.67 No	0.416 Thermal Discharging
SOU079	175	'405014848_/_37982531'		3.2	8.1	10	1.248	3.4	10	5.01 No	1.248 Thermal Discharging
SOU079	176	'37982527_/_8403890'		3.2	8.1	10	1.248	3.4	10	5.01 No	1.248 Thermal Discharging
SOU079	177	'405014865_/_405014862'		3.2	8.1	10	1.248	3.4	10	5.01 No	1.248 Thermal Discharging
SOU079	178	'37982541_/_37982538'		3.2	8.1	10	1.248	3.4	10	5.01 No	1.248 Thermal Discharging
SOU079	179	'6993268_/_6993278'		1.27	2.87	3.33	0.416	1.1	3.33	1.67 No	0.416 Thermal Discharging
SOU079	180	'44026420_/_6961797'		1.2	2.93	3.33	0.416	0.5	3.33	1.67 No	0.416 Thermal Discharging
SOU079	181	'6760987_/_6760985'		3.4	8.4	10	1.248	10	10	5.01 No	1.248 Thermal Discharging
SOU079	182	'37982555_/_37982559'		2.13	5.47	6.67	0.832	2.27	6.67	3.34 No	0.832 Thermal Discharging
SOU079	183	'44033265_/_6992811'		1.17	2.9	3.33	0.416	0.5	3.33	1.67 No	0.416 Thermal Discharging
SOU079	184	'7167318_/_7167315'		3.3	8.2	10	1.248	4.8	10	5.01 No	1.248 Thermal Discharging
SOU079	185	'6993479_/_6993476'		1.23	2.8	3.33	0.416	1.1	3.33	1.67 No	0.416 Thermal Discharging
SOU079	186	'52309531_/_52309533'		3.3	8.2	10	1.248	10	10	5.01 No	1.248 Thermal Discharging
SOU079	187	'589912513_/_6763325'		3.3	8.2	10	1.248	10	10	5.01 No	1.248 Thermal Discharging
SOU079	188	'580053766_/_7460667_2'		2.07	5.47	6.67	0.832	2.27	6.67	3.34 No	0.832 Thermal Discharging
SOU079	189	'6761085_/_6763308'		3.3	8.1	10	1.248	10	10	5.01 No	1.248 Thermal Discharging
SOU079	190	'52309611_/_52309573_1'		3.3	8.1	10	1.248	1.6	10	5.01 No	1.248 Thermal Discharging
SOU079	191	'7153971_/_7153969_1'		3.3	8.2	10	1.248	1.6	10	5.01 No	1.248 Thermal Discharging
SOU079	192	'117793644_/_117793737'		3	8.2	10	1.248	1.3	10	5.01 No	1.248 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
											VSR (MW)	Limiting Threshold
SOU079	193	'622496066_/_394353230_1'		1.1	2.7	3.33	0.416	0.5	3.33	1.67	No	0.416 Thermal Discharging
SOU079	194	'6993031_/_6993041'		1.43	2.77	3.33	0.416	0.3	3.33	1.67	No	0.3 Element Fault
SOU079	195	'6758363_/_6761082'		3.3	8.1	10	1.248	10	10	5.01	No	1.248 Thermal Discharging
SOU079	196	'69569784_/_7460667_1'		2.07	5.47	6.67	0.832	1	6.67	3.34	No	0.832 Thermal Discharging
SOU079	197	'360150399_/_360150370_1'		3.2	8	10	1.248	1.6	10	5.01	No	1.248 Thermal Discharging
SOU079	198	'6741983_/_6758360'		3.2	8	10	1.248	10	10	5.01	No	1.248 Thermal Discharging
SOU079	199	'76787155_/_76787120'		1.73	3.33	3.33	0.416	1.13	3.04	1.67	No	0.416 Thermal Discharging
SOU079	200	'8127485_/_8410858_2'		1.73	3.33	3.33	0.416	1.13	3.04	1.67	No	0.416 Thermal Discharging
SOU079	201	'8127486_/_76787074'		1.07	3.33	3.33	0.416	1.13	3.03	1.67	No	0.416 Thermal Discharging
SOU079	202	'6758329_/_6758343'		3.2	7.9	10	1.248	10	10	5.01	No	1.248 Thermal Discharging
SOU079	203	'6741970_/_6741954_3'		1.07	2.63	3.33	0.416	1.1	3.33	1.67	No	0.416 Thermal Discharging
SOU079	204	'6992985_/_6992982'		1.27	2.67	3.33	0.416	0.3	3.33	1.67	No	0.3 Element Fault
SOU079	205	'6993307_/_44033366'		1.17	2.67	3.33	0.416	1.1	3.33	1.67	No	0.416 Thermal Discharging
SOU079	206	'6758312_/_6758326'		3.2	7.9	10	1.248	10	10	5.01	No	1.248 Thermal Discharging
SOU079	207	'6975999_/_8410858_1'		1.7	3.33	3.33	0.416	0.5	3.01	1.67	No	0.416 Thermal Discharging
SOU079	208	'37982457_/_7774539'		3.1	7.7	10	1.248	5	10	5.01	No	1.248 Thermal Discharging
SOU079	209	'405015409_/_37982454'		3.1	7.7	10	1.248	5	10	5.01	No	1.248 Thermal Discharging
SOU079	210	'37982471_/_37982475'		2.07	5.13	6.67	0.832	3.33	6.67	3.34	No	0.832 Thermal Discharging
SOU079	211	'37982443_/_37982447'		3.1	7.7	10	1.248	5	10	5.01	No	1.248 Thermal Discharging
SOU079	212	'405015478_/_405015475'		3.1	7.7	10	1.248	5	10	5.01	No	1.248 Thermal Discharging
SOU079	213	'6758295_/_6758309'		3.1	7.8	10	1.248	10	10	5.01	No	1.248 Thermal Discharging
SOU079	214	'394353307_/_394353230_2'		1.03	2.57	3.33	0.416	0.3	3.33	1.67	No	0.3 Element Fault
SOU079	215	'52309570_/_52309573_2'		3.1	7.7	10	1.248	1.6	10	5.01	No	1.248 Thermal Discharging
SOU079	216	'6741957_/_6741954_2'		1.03	2.57	3.33	0.416	0.5	3.33	1.67	No	0.416 Thermal Discharging
SOU079	217	'6742076_/_394353230_3'		1.03	2.57	3.33	0.416	0.3	3.33	1.67	No	0.3 Element Fault
SOU079	218	'6992827_/_6992824'		1.1	2.7	3.33	0.416	0.5	3.33	1.67	No	0.416 Thermal Discharging
SOU079	219	'6742367_/_7153969_2'		3.1	7.6	10	1.248	1.6	10	5.01	No	1.248 Thermal Discharging
SOU079	220	'6758278_/_6758292'		3.1	7.7	10	1.248	10	10	5.01	No	1.248 Thermal Discharging
SOU079	221	'6763682_/_6763666_1'		1.03	2.57	3.33	0.416	0.5	3.33	1.67	No	0.416 Thermal Discharging
SOU079	222	'6993096_/_6993106'		1.17	2.57	3.33	0.416	0.3	3.33	1.67	No	0.3 Element Fault
SOU079	223	'6758261_/_6758275'		3.1	7.6	10	1.248	10	10	5.01	No	1.248 Thermal Discharging
SOU079	224	'6975986_/_6975996'		1.63	3.33	3.33	0.416	0.5	2.97	1.67	No	0.416 Thermal Discharging
SOU079	225	'580053833_/_9668676_2'		2	5	6.67	0.832	3.33	6.67	3.34	No	0.832 Thermal Discharging
SOU079	226	'6961813_/_6961810'		1.07	2.63	3.33	0.416	0.5	3.33	1.67	No	0.416 Thermal Discharging
SOU079	227	'6961683_/_6961693'		1.07	2.63	3.33	0.416	0.5	3.33	1.67	No	0.416 Thermal Discharging
SOU079	228	'6708831_/_6758258'		3	7.6	10	1.248	10	10	5.01	No	1.248 Thermal Discharging
SOU079	229	'8095635_/_8095632'		3	7.4	10	1.248	5	10	5.01	No	1.248 Thermal Discharging
SOU079	230	'118462910_/_6763666_2'		1.03	2.5	3.33	0.416	0.5	3.33	1.67	No	0.416 Thermal Discharging
SOU079	231	'44033353_/_44033355'		1.1	2.53	3.33	0.416	1.1	3.33	1.67	No	0.416 Thermal Discharging
SOU079	232	'6748807_/_9668676_1'		2	4.93	6.67	0.832	1	6.67	3.34	No	0.832 Thermal Discharging
SOU079	233	'6758227_/_6758241'		3	7.5	10	1.248	10	10	5.01	No	1.248 Thermal Discharging
SOU079	234	'6993018_/_6993028'		1.3	2.53	3.33	0.416	0.3	3.33	1.67	No	0.3 Element Fault
SOU079	235	'6708830_/_6708815_3'		1	2.5	3.33	0.416	1.1	3.33	1.67	No	0.416 Thermal Discharging
SOU079	236	'6750483_/_6757932_2'		1.87	5.4	6.67	0.832	1	6.67	3.34	No	0.832 Thermal Discharging
SOU079	237	'6758210_/_6758224'		3	7.4	10	1.248	10	10	5.01	No	1.248 Thermal Discharging
SOU079	238	'43981843_/_6742074'		0.97	2.43	3.33	0.416	0.3	3.33	1.67	No	0.3 Element Fault
SOU079	239	'43982556_/_6757932_1'		1.87	5.4	6.67	0.832	1	6.67	3.34	No	0.832 Thermal Discharging
SOU079	240	'44033662_/_6976009'		1.5	3.23	3.33	0.416	0.5	2.91	1.67	No	0.416 Thermal Discharging
SOU079	241	'6708724_/_6758207'		2.9	7.4	10	1.248	10	10	5.01	No	1.248 Thermal Discharging
SOU079	242	'6708818_/_6708815_2'		1	2.43	3.33	0.416	0.5	3.33	1.67	No	0.416 Thermal Discharging
SOU079	243	'6708711_/_6708695_3'		0.97	2.47	3.33	0.416	3.33	3.33	1.67	No	0.416 Thermal Discharging
SOU079	244	'8403852_/_9354986'		2.9	7.2	10	1.248	5	10	5.01	No	1.248 Thermal Discharging
SOU079	245	'6708698_/_6708695_2'		0.97	2.43	3.33	0.416	0.5	3.33	1.67	No	0.416 Thermal Discharging
SOU079	246	'6741944_/_6741954_1'		0.97	2.4	3.33	0.416	0.5	3.33	1.67	No	0.416 Thermal Discharging
SOU079	247	'6758187_/_6758184'		2.9	7.3	10	1.248	10	10	5.01	No	1.248 Thermal Discharging
SOU079	248	'455564609_/_8403850'		2.9	7.2	10	1.248	5	10	5.01	No	1.248 Thermal Discharging
SOU079	249	'6993320_/_6993317'		1.07	2.43	3.33	0.416	1.1	3.33	1.67	No	0.416 Thermal Discharging
SOU079	250	'6992905_/_6992902'		1	2.5	3.33	0.416	0.5	3.33	1.67	No	0.416 Thermal Discharging
SOU079	251	'6708685_/_6708695_1'		0.97	2.43	3.33	0.416	0.5	3.32	1.67	No	0.416 Thermal Discharging
SOU079	252	'6993427_/_6993489'		1.07	2.43	3.33	0.416	1.1	3.33	1.67	No	0.416 Thermal Discharging
SOU079	253	'43981735_/_6760637'		0.97	2.43	3.33	0.416	0.5	3.3	1.67	No	0.416 Thermal Discharging
SOU079	254	'43981821_/_6742061'		0.97	2.37	3.33	0.416	0.5	3.33	1.67	No	0.416 Thermal Discharging
SOU079	255	'70255020_/_6742364'		2.8	7.1	10	1.248	1.6	10	5.01	No	1.248 Thermal Discharging
SOU079	256	'6748820_/_6748817'		0.93	2.37	3.33	0.416	0.5	3.33	1.67	No	0.416 Thermal Discharging
SOU079	257	'6708672_/_6708682'		0.97	2.4	3.33	0.416	0.5	3.28	1.67	No	0.416 Thermal Discharging
SOU079	258	'405015255_/_455564627'		2.8	7	10	1.248	5	10	5.01	No	1.248 Thermal Discharging
SOU079	259	'43984600_/_6763666_3'		1.03	2.37	3.33	0.416	0.5	3.33	1.67	No	0.416 Thermal Discharging
SOU079	260	'405015248_/_37982496'		2.8	7	10	1.248	5	10	5.01	No	1.248 Thermal Discharging
SOU079	261	'405015261_/_37982517'		2.8	7	10	1.248	5	10	5.01	No	1.248 Thermal Discharging
SOU079	262	'405015327_/_37982489'		2.8	7	10	1.248	5	10	5.01	No	1.248 Thermal Discharging
SOU079	263	'405015373_/_405015370'		2.8	7	10	1.248	5	10	5.01	No	1.248 Thermal Discharging
SOU079	264	'114352488_/_6993213'		1.27	2.4	3.33	0.416	0.3	3.33	1.67	No	0.3 Element Fault
SOU079	265	'6961826_/_6961823'		1	2.47	3.33	0.416	0.5	3.33	1.67	No	0.416 Thermal Discharging
SOU079	266	'9674913_/_9674910'		2.6	7.1	10	1.248	1.3	10	5.01	No	1.248 Thermal Discharging
SOU079	267	'6708736_/_6760624'		0.97	2.4	3.33	0.416	0.5	3.26	1.67	No	0.416 Thermal Discharging
SOU079	268	'6993083_/_6993093'		1.07	2.37	3.33	0.416	0.3	3.33	1.67	No	0.3 Element Fault
SOU079	269	'44033309_/_6993015'		1.23	2.37	3.33	0.416	0.3	3.33	1.67	No	0.3 Element Fault
SOU079	270	'43981722_/_6708669'		1	2.37	3.33	0.416	0.5	3.23	1.67	No	0.416 Thermal Discharging
SOU079	271	'6748990_/_7460649_2'		2.8	6.9	10	1.248	5	10	5.01	No	1.248 Thermal Discharging
SOU079	272	'6975973_/_6975983'		1.43	2.97	3.33	0.416	0.5	2.84	1.67	No	0.416 Thermal Discharging
SOU079	273	'114352549_/_6993200_1'		1.23	2.37	3.33	0.416	0.3	3.33	1.67	No	0.3 Element Fault
SOU079	274	'43982445_/_7460649_1'		2.8	6.9	10	1.248	1.6	10	5.01	No	1.248 Thermal Discharging
SOU079	275	'6708737_/_6708734'		1	2.37	3.33	0.416	0.5	3.21	1.67	No	0.416 Thermal Discharging
SOU079	276	'6976025_/_6976022'		1.4	2.9	3.33	0.416	0.5	2.83	1.67	No	0.416 Thermal Discharging
SOU079	277	'6742090_/_43981845'		0.9	2.3	3.33	0.416	0.3	3.3	1.67	No	0.3 Element Fault
SOU079	278	'6745937_/_6745947'		1	2.37	3.33	0.416	0.5	3.18	1.67	No	0.416 Thermal Discharging
SOU079	279	'6993242_/_6993252'		1	2.33	3.33	0.416	1.1	3.32	1.67	No	0.416 Thermal Discharging
SOU079	280	'6708805_/_6708815_1'		1	2.3	3.33	0.416	0.5	3.26	1.67	No	0.416 Thermal Discharging
SOU079	281	'6748794_/_6748804'		1.8	4.53	6.67	0.832	1	6.67	3.34	No	0.832 Thermal Discharging
SOU079	282	'580049518_/_580049516'		2.8	6.8	10	1.248	1.6	10	5.01	No	1.248 Thermal Discharging
SOU079	283	'648063464_/_7774519_2'		2.7	6.8	10	1.248	5	10	5.01	No	1.248 Thermal Discharging
SOU079	284	'6708860_/_6708857'		1	2.3	3.33	0.416	0.5	3.26	1.67	No	0.416 Thermal Discharging
SOU079	285	'43981744_/_6708750'		1	2.33	3.33	0.416	0.5	3.17	1.67	No	0.416 Thermal Discharging
SOU079	286	'7460620_/_7774519_1'		2.7	6.8	10	1.248	5	10	5.01	No	1.248 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
											VSR (MW)	Limiting Threshold
SOU079	287	'8410828_/_9674966'		1.4	3.33	3.33	0.416	1.13	2.82	1.67 No	0.416	Thermal Discharging
SOU079	288	'6741931_/_6741941'		0.9	2.27	3.33	0.416	0.5	3.28	1.67 No	0.416	Thermal Discharging
SOU079	289	'6961670_/_6961680'		0.97	2.37	3.33	0.416	0.5	3.33	1.67 No	0.416	Thermal Discharging
SOU079	290	'6745936_/_6745934'		1	2.33	3.33	0.416	0.5	3.14	1.67 No	0.416	Thermal Discharging
SOU079	291	'580049511_/_43981746'		1	2.33	3.33	0.416	0.5	3.14	1.67 No	0.416	Thermal Discharging
SOU079	292	'7774503_/_7774501_1'		1.8	4.53	6.67	0.832	0.6	6.65	3.34 No	0.6	Element Fault
SOU079	293	'8410829_/_9674950_2'		1.4	3.33	3.33	0.416	1.13	2.81	1.67 No	0.416	Thermal Discharging
SOU079	294	'6741865_/_6741915'		1.03	2.27	3.33	0.416	0.5	3.24	1.67 No	0.416	Thermal Discharging
SOU079	295	'43982457_/_6748830'		0.9	2.23	3.33	0.416	0.5	3.31	1.67 No	0.416	Thermal Discharging
SOU079	296	'6994221_/_9674950_1'		1.4	3.33	3.33	0.416	0.5	2.8	1.67 No	0.416	Thermal Discharging
SOU079	297	'6993414_/_6993424'		1	2.27	3.33	0.416	1.1	3.27	1.67 No	0.416	Thermal Discharging
SOU079	298	'6993440_/_6993437_1'		1	2.27	3.33	0.416	1.1	3.26	1.67 No	0.416	Thermal Discharging
SOU079	299	'6741999_/_43981823'		0.87	2.23	3.33	0.416	0.5	3.22	1.67 No	0.416	Thermal Discharging
SOU079	300	'6993333_/_6993330'		0.97	2.23	3.33	0.416	1.1	3.24	1.67 No	0.416	Thermal Discharging
SOU079	301	'469964664_/_7774501_2'		1.73	4.4	6.67	0.832	0.6	6.55	3.34 No	0.6	Element Fault
SOU079	302	'6708792_/_6708802_2'		1	2.23	3.33	0.416	0.5	3.18	1.67 No	0.416	Thermal Discharging
SOU079	303	'44033397_/_6993437_2'		0.97	2.23	3.33	0.416	1.1	3.23	1.67 No	0.416	Thermal Discharging
SOU079	304	'6994208_/_6994218'		1.37	3.3	3.33	0.416	0.5	2.77	1.67 No	0.416	Thermal Discharging
SOU079	305	'43982432_/_43982434'		2.6	6.6	10	1.248	1.6	9.79	5.01 No	1.248	Thermal Discharging
SOU079	306	'580049661_/_6992915'		0.93	2.3	3.33	0.416	0.5	3.33	1.67 No	0.416	Thermal Discharging
SOU079	307	'43984521_/_43981921'		2.6	6.5	10	1.248	1.6	9.78	5.01 No	1.248	Thermal Discharging
SOU079	308	'43981766_/_6708802_1'		1	2.2	3.33	0.416	0.5	3.16	1.67 No	0.416	Thermal Discharging
SOU079	309	'6961839_/_44026433'		0.93	2.27	3.33	0.416	0.5	3.33	1.67 No	0.416	Thermal Discharging
SOU079	310	'6993241_/_6993239'		0.97	2.2	3.33	0.416	1.1	3.2	1.67 No	0.416	Thermal Discharging
SOU079	311	'6975960_/_6975970'		1.27	2.6	3.33	0.416	0.5	2.73	1.67 No	0.416	Thermal Discharging
SOU079	312	'6748781_/_6748791'		0.87	2.13	3.33	0.416	0.5	3.22	1.67 No	0.416	Thermal Discharging
SOU079	313	'6993082_/_6993080'		0.97	2.2	3.33	0.416	0.3	3.28	1.67 No	0.3	Element Fault
SOU079	314	'6742103_/_6742100'		0.87	2.17	3.33	0.416	0.3	3.15	1.67 No	0.3	Element Fault
SOU079	315	'7774504_/_469964688'		1.73	4.27	6.67	0.832	0.6	6.43	3.34 No	0.6	Element Fault
SOU079	316	'6993190_/_6993200_2'		1.13	2.2	3.33	0.416	0.3	3.27	1.67 No	0.3	Element Fault
SOU079	317	'114352593_/_61928657'		2.5	6.4	10	1.248	1.6	9.64	5.01 No	1.248	Thermal Discharging
SOU079	318	'44033618_/_6994231'		1.33	3.03	3.33	0.416	0.5	2.73	1.67 No	0.416	Thermal Discharging
SOU079	319	'8720319_/_8720316'		2.6	5.3	10	1.248	5	9.59	5.01 No	1.248	Thermal Discharging
SOU079	320	'6760246_/_6763653'		1	2.13	3.33	0.416	0.5	3.12	1.67 No	0.416	Thermal Discharging
SOU079	321	'44033308_/_6993002'		1.1	2.17	3.33	0.416	0.3	3.26	1.67 No	0.3	Element Fault
SOU079	322	'6976038_/_6976035'		1.23	2.57	3.33	0.416	0.5	2.71	1.67 No	0.416	Thermal Discharging
SOU079	323	'6708873_/_6708870'		1	2.13	3.33	0.416	0.5	3.1	1.67 No	0.416	Thermal Discharging
SOU079	324	'43981810_/_6741928'		0.83	2.13	3.33	0.416	0.5	3.12	1.67 No	0.416	Thermal Discharging
SOU079	325	'6994234_/_6994244_1'		1.3	2.93	3.33	0.416	0.5	2.71	1.67 No	0.416	Thermal Discharging
SOU079	326	'44033386_/_6993411'		0.93	2.17	3.33	0.416	1.1	3.14	1.67 No	0.416	Thermal Discharging
SOU079	327	'66106254_/_114352597'		2.5	6.3	10	1.248	1.6	9.52	5.01 No	1.248	Thermal Discharging
SOU079	328	'8777494_/_9668728'		2.5	5.3	10	1.248	5	9.48	5.01 No	1.248	Thermal Discharging
SOU079	329	'360150351_/_360150370_2'		2.5	6.3	10	1.248	1.6	9.35	5.01 No	1.248	Thermal Discharging
SOU079	330	'66106303_/_66106275_1'		2.5	6.3	10	1.248	1	9.47	5.01 No	1	Element Fault
SOU079	331	'6748846_/_43982459'		0.83	2.1	3.33	0.416	0.5	3.14	1.67 No	0.416	Thermal Discharging
SOU079	332	'44026409_/_44026411'		0.87	2.17	3.33	0.416	0.5	3.28	1.67 No	0.416	Thermal Discharging
SOU079	333	'6998007_/_6998004'		0.87	2.17	3.33	0.416	0.5	3.28	1.67 No	0.416	Thermal Discharging
SOU079	334	'6748960_/_6748972'		2.5	6.2	10	1.248	1.6	9.42	5.01 No	1.248	Thermal Discharging
SOU079	335	'6993349_/_6993346'		0.9	2.1	3.33	0.416	1.1	3.1	1.67 No	0.416	Thermal Discharging
SOU079	336	'43981423_/_6742113'		0.83	2.1	3.33	0.416	0.3	3.06	1.67 No	0.3	Element Fault
SOU079	337	'6992879_/_7117556'		0.87	2.17	3.33	0.416	0.5	3.25	1.67 No	0.416	Thermal Discharging
SOU079	338	'44033767_/_6995548'		0.9	2.1	3.33	0.416	0.3	3.17	1.67 No	0.3	Element Fault
SOU079	339	'44034227_/_6997422'		0.9	2.1	3.33	0.416	1.1	3.07	1.67 No	0.416	Thermal Discharging
SOU079	340	'43981799_/_6741863'		0.97	2.07	3.33	0.416	0.5	3.03	1.67 No	0.416	Thermal Discharging
SOU079	341	'69569914_/_8777492'		2.5	5.4	10	1.248	5	9.29	5.01 No	1.248	Thermal Discharging
SOU079	342	'6975947_/_6975957'		1.17	2.4	3.33	0.416	0.5	2.64	1.67 No	0.416	Thermal Discharging
SOU079	343	'44033607_/_6994205'		1.23	2.7	3.33	0.416	0.5	2.65	1.67 No	0.416	Thermal Discharging
SOU079	344	'6976051_/_6976048'		1.17	2.4	3.33	0.416	0.5	2.63	1.67 No	0.416	Thermal Discharging
SOU079	345	'6748765_/_6748778'		0.8	2.03	3.33	0.416	0.5	3.08	1.67 No	0.416	Thermal Discharging
SOU079	346	'6993177_/_6993187'		1.07	2.07	3.33	0.416	0.3	3.12	1.67 No	0.3	Element Fault
SOU079	347	'6993453_/_44033399'		0.87	2.07	3.33	0.416	1.1	3.04	1.67 No	0.416	Thermal Discharging
SOU079	348	'6742011_/_6742048'		0.8	2.03	3.33	0.416	0.5	3.01	1.67 No	0.416	Thermal Discharging
SOU079	349	'61928691_/_66106275_2'		2.3	6	10	1.248	1	9.2	5.01 No	1	Element Fault
SOU079	350	'6760233_/_6760243'		0.93	2	3.33	0.416	0.5	2.98	1.67 No	0.416	Thermal Discharging
SOU079	351	'6708779_/_6708789'		1.03	2	3.33	0.416	0.5	2.96	1.67 No	0.416	Thermal Discharging
SOU079	352	'6994247_/_6994244_2'		1.17	2.53	3.33	0.416	0.5	2.6	1.67 No	0.416	Thermal Discharging
SOU079	353	'6975934_/_6975944_2'		1.13	2.3	3.33	0.416	0.5	2.59	1.67 No	0.416	Thermal Discharging
SOU079	354	'8777495_/_69569864'		2.4	4.9	10	1.248	5	9.01	5.01 No	1.248	Thermal Discharging
SOU079	355	'6998020_/_6998017'		0.8	2.07	3.33	0.416	0.5	3.13	1.67 No	0.416	Thermal Discharging
SOU079	356	'43981777_/_6708883'		1.03	1.97	3.33	0.416	0.5	2.92	1.67 No	0.416	Thermal Discharging
SOU079	357	'43982468_/_6748762'		0.77	1.97	3.33	0.416	0.5	2.99	1.67 No	0.416	Thermal Discharging
SOU079	358	'6750495_/_6750571'		0.93	2.47	3.33	0.416	0.5	2.59	1.67 No	0.416	Thermal Discharging
SOU079	359	'6761101_/_6761099'		0.77	1.97	3.33	0.416	0.5	2.95	1.67 No	0.416	Thermal Discharging
SOU079	360	'43982420_/_43982422'		2.3	5.8	10	1.248	1.6	8.98	5.01 No	1.248	Thermal Discharging
SOU079	361	'44033651_/_6975944_1'		1.13	2.27	3.33	0.416	0.5	2.57	1.67 No	0.416	Thermal Discharging
SOU079	362	'6961644_/_6961654'		0.8	2.03	3.33	0.416	0.5	3.11	1.67 No	0.416	Thermal Discharging
SOU079	363	'6750719_/_43981425'		0.77	1.97	3.33	0.416	0.3	2.92	1.67 No	0.3	Element Fault
SOU079	364	'6992866_/_6992876'		0.8	2.03	3.33	0.416	0.5	3.11	1.67 No	0.416	Thermal Discharging
SOU079	365	'6993466_/_6993463'		0.83	1.97	3.33	0.416	1.1	2.95	1.67 No	0.416	Thermal Discharging
SOU079	366	'44033768_/_6995535'		0.87	1.97	3.33	0.416	0.3	3.03	1.67 No	0.3	Element Fault
SOU079	367	'6748859_/_6748856'		0.77	1.93	3.33	0.416	0.5	2.96	1.67 No	0.416	Thermal Discharging
SOU079	368	'6993388_/_6993398'		0.83	1.97	3.33	0.416	1.1	2.93	1.67 No	0.416	Thermal Discharging
SOU079	369	'8403872_/_9668748'		2.4	4.9	10	1.248	5	8.9	5.01 No	1.248	Thermal Discharging
SOU079	370	'44026442_/_7117569'		0.8	2.03	3.33	0.416	0.5	3.09	1.67 No	0.416	Thermal Discharging
SOU079	371	'6994182_/_6994192'		1.13	2.43	3.33	0.416	0.5	2.56	1.67 No	0.416	Thermal Discharging
SOU079	372	'6741879_/_6741876'		0.9	1.93	3.33	0.416	0.5	2.89	1.67 No	0.416	Thermal Discharging
SOU079	373	'6993229_/_6997409'		0.83	1.97	3.33	0.416	1.1	2.92	1.67 No	0.416	Thermal Discharging
SOU079	374	'6742012_/_6742009'		0.73	1.93	3.33	0.416	0.5	2.89	1.67 No	0.416	Thermal Discharging
SOU079	375	'44033342_/_6993174'		1	1.93	3.33	0.416	0.3	2.98	1.67 No	0.3	Element Fault
SOU079	376	'43982567_/_6750493'		0.9	2.33	3.33	0.416	0.5	2.54	1.67 No	0.416	Thermal Discharging
SOU079	377	'6741853_/_6760230'		0.87	1.9	3.33	0.416	0.5	2.86	1.67 No	0.416	Thermal Discharging
SOU079	378	'498003211_/_498003227'		2.2	5.7	10	1.248	1.6	8.64	5.01 No	1.248	Thermal Discharging
SOU079	379	'6993228_/_6993226'		0.8	1.9	3.33	0.416	1.1	2.86	1.67 No	0.416	Thermal Discharging
SOU079	380	'43982611_/_6750717'		0.73	1.87	3.33						

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Over-Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SOU079	381	'6708899_/_6708896'		1.03	1.87	3.33	0.416	0.5	2.81	1.67 No	0.416 Thermal Discharging
SOU079	382	'6961631_/_6961641'		0.77	1.93	3.33	0.416	0.5	3	1.67 No	0.416 Thermal Discharging
SOU079	383	'6748927_/_6748942'		2.2	5.5	10	1.248	1.6	8.64	5.01 No	1.248 Thermal Discharging
SOU079	384	'6708766_/_6708776'		1	1.87	3.33	0.416	0.5	2.8	1.67 No	0.416 Thermal Discharging
SOU079	385	'6994169_/_6994179'		1.07	2.27	3.33	0.416	0.5	2.49	1.67 No	0.416 Thermal Discharging
SOU079	386	'6975933_/_6975931'		1.03	2.1	3.33	0.416	0.5	2.48	1.67 No	0.416 Thermal Discharging
SOU079	387	'43981832_/_6742022'		0.73	1.87	3.33	0.416	0.5	2.81	1.67 No	0.416 Thermal Discharging
SOU079	388	'6761222_/_6761220'		0.7	1.87	3.33	0.416	0.5	2.81	1.67 No	0.416 Thermal Discharging
SOU079	389	'44033276_/_6992863'		0.77	1.93	3.33	0.416	0.5	2.96	1.67 No	0.416 Thermal Discharging
SOU079	390	'44033375_/_44033377'		0.8	1.87	3.33	0.416	1.1	2.82	1.67 No	0.416 Thermal Discharging
SOU079	391	'6741892_/_6741889'		0.83	1.83	3.33	0.416	0.5	2.78	1.67 No	0.416 Thermal Discharging
SOU079	392	'6994260_/_6994257'		1.03	2.23	3.33	0.416	0.5	2.47	1.67 No	0.416 Thermal Discharging
SOU079	393	'6748872_/_6748869'		0.7	1.83	3.33	0.416	0.5	2.82	1.67 No	0.416 Thermal Discharging
SOU079	394	'6961852_/_6961849'		0.77	1.9	3.33	0.416	0.5	2.94	1.67 No	0.416 Thermal Discharging
SOU079	395	'43981788_/_6741850'		0.83	1.83	3.33	0.416	0.5	2.77	1.67 No	0.416 Thermal Discharging
SOU079	396	'6748594_/_6748924'		2.1	5.4	10	1.248	1.6	8.49	5.01 No	1.248 Thermal Discharging
SOU079	397	'6748739_/_6748749'		0.7	1.83	3.33	0.416	0.5	2.82	1.67 No	0.416 Thermal Discharging
SOU079	398	'580054192_/_7460617'		0.97	2	3.33	0.416	1.67	2.48	1.67 No	0.416 Thermal Discharging
SOU079	399	'589912457_/_580049500_1'		0.97	2	3.33	0.416	0.5	2.48	1.67 No	0.416 Thermal Discharging
SOU079	400	'6750509_/_6750506'		0.87	2.17	3.33	0.416	0.5	2.45	1.67 No	0.416 Thermal Discharging
SOU079	401	'6993151_/_6993161'		0.93	1.83	3.33	0.416	0.3	2.84	1.67 No	0.3 Element Fault
SOU079	402	'8720318_/_7460633'		0.73	2	3.33	0.416	1.67	2.47	1.67 No	0.416 Thermal Discharging
SOU079	403	'69569838_/_580049500_2'		0.97	1.97	3.33	0.416	0.5	2.46	1.67 No	0.416 Thermal Discharging
SOU079	404	'6750733_/_6750730'		0.7	1.8	3.33	0.416	0.3	2.71	1.67 No	0.3 Element Fault
SOU079	405	'6708765_/_6708763'		0.97	1.8	3.33	0.416	0.5	2.72	1.67 No	0.416 Thermal Discharging
SOU079	406	'6748911_/_6748908'		0.7	1.8	3.33	0.416	0.5	2.77	1.67 No	0.416 Thermal Discharging
SOU079	407	'6993362_/_6993372'		0.77	1.8	3.33	0.416	1.1	2.74	1.67 No	0.416 Thermal Discharging
SOU079	408	'6992840_/_6992850'		0.73	1.83	3.33	0.416	0.5	2.86	1.67 No	0.416 Thermal Discharging
SOU079	409	'6961630_/_6961628'		0.73	1.83	3.33	0.416	0.5	2.86	1.67 No	0.416 Thermal Discharging
SOU079	410	'6750470_/_6750480'		0.83	2.13	3.33	0.416	0.5	2.42	1.67 No	0.416 Thermal Discharging
SOU079	411	'6748595_/_6748592'		1.4	3.53	6.67	0.832	1.07	5.51	3.34 No	0.832 Thermal Discharging
SOU079	412	'6742038_/_43981834'		0.67	1.77	3.33	0.416	0.5	2.7	1.67 No	0.416 Thermal Discharging
SOU079	413	'6994156_/_6994166'		1	2.1	3.33	0.416	0.5	2.4	1.67 No	0.416 Thermal Discharging
SOU079	414	'6763734_/_6763744'		0.67	1.77	3.33	0.416	0.5	2.7	1.67 No	0.416 Thermal Discharging
SOU079	415	'6961865_/_6961862'		0.73	1.83	3.33	0.416	0.5	2.83	1.67 No	0.416 Thermal Discharging
SOU079	416	'6750853_/_6750850'		0.67	1.77	3.33	0.416	0.3	2.66	1.67 No	0.3 Element Fault
SOU079	417	'43982385_/_43982387'		2	5.2	10	1.248	1.6	8.21	5.01 No	1.248 Thermal Discharging
SOU079	418	'6708912_/_6708909'		0.93	1.77	3.33	0.416	0.5	2.67	1.67 No	0.416 Thermal Discharging
SOU079	419	'6750746_/_6750743'		0.67	1.77	3.33	0.416	0.3	2.66	1.67 No	0.3 Element Fault
SOU079	420	'6748885_/_6748882'		0.67	1.73	3.33	0.416	0.5	2.72	1.67 No	0.416 Thermal Discharging
SOU079	421	'6741905_/_6741902'		0.8	1.73	3.33	0.416	0.5	2.67	1.67 No	0.416 Thermal Discharging
SOU079	422	'6760585_/_6760598'		0.8	1.73	3.33	0.416	0.5	2.66	1.67 No	0.416 Thermal Discharging
SOU079	423	'43982523_/_43982514'		0.97	1.9	3.33	0.416	0.5	2.4	1.67 No	0.416 Thermal Discharging
SOU079	424	'43982341_/_43982343'		0.67	1.73	3.33	0.416	0.5	2.7	1.67 No	0.416 Thermal Discharging
SOU079	425	'6750522_/_6750519'		0.8	2.03	3.33	0.416	0.5	2.36	1.67 No	0.416 Thermal Discharging
SOU079	426	'6994273_/_6994270'		0.97	2	3.33	0.416	0.5	2.36	1.67 No	0.416 Thermal Discharging
SOU079	427	'6993361_/_6993359'		0.73	1.73	3.33	0.416	1.1	2.66	1.67 No	0.416 Thermal Discharging
SOU079	428	'6748610_/_6748607'		1.33	3.4	6.67	0.832	1.07	5.37	3.34 No	0.832 Thermal Discharging
SOU079	429	'6741840_/_6741837'		0.93	1.73	3.33	0.416	0.5	2.62	1.67 No	0.416 Thermal Discharging
SOU079	430	'44033640_/_44033642'		0.93	1.9	3.33	0.416	0.5	2.35	1.67 No	0.416 Thermal Discharging
SOU079	431	'6992839_/_6992837'		0.7	1.77	3.33	0.416	0.5	2.76	1.67 No	0.416 Thermal Discharging
SOU079	432	'43982374_/_43982376'		0.67	1.7	3.33	0.416	0.53	2.68	1.67 No	0.416 Thermal Discharging
SOU079	433	'6993134_/_6993148'		0.87	1.73	3.33	0.416	0.3	2.7	1.67 No	0.3 Element Fault
SOU079	434	'6749076_/_6749107_1'		0.67	1.67	3.33	0.416	0.3	2.66	1.67 No	0.3 Element Fault
SOU079	435	'6750866_/_6750863'		0.67	1.7	3.33	0.416	0.3	2.59	1.67 No	0.3 Element Fault
SOU079	436	'6750759_/_6750756'		0.67	1.7	3.33	0.416	0.3	2.58	1.67 No	0.3 Element Fault
SOU079	437	'6750560_/_6750610_2'		0.67	1.67	3.33	0.416	0.53	2.66	1.67 No	0.416 Thermal Discharging
SOU079	438	'6750457_/_6750467'		0.77	2	3.33	0.416	0.5	2.34	1.67 No	0.416 Thermal Discharging
SOU079	439	'6760572_/_6760582'		0.77	1.7	3.33	0.416	0.5	2.58	1.67 No	0.416 Thermal Discharging
SOU079	440	'43982578_/_6750532'		0.77	1.93	3.33	0.416	0.5	2.31	1.67 No	0.416 Thermal Discharging
SOU079	441	'6749110_/_6749107_2'		0.67	1.67	3.33	0.416	0.3	2.63	1.67 No	0.3 Element Fault
SOU079	442	'6748713_/_6748723'		0.63	1.67	3.33	0.416	0.5	2.62	1.67 No	0.416 Thermal Discharging
SOU079	443	'44033596_/_6994153'		0.93	1.93	3.33	0.416	0.5	2.31	1.67 No	0.416 Thermal Discharging
SOU079	444	'580050021_/_6757847'		0.63	1.67	3.33	0.416	0.5	2.58	1.67 No	0.416 Thermal Discharging
SOU079	445	'6749021_/_43982525'		0.9	1.77	3.33	0.416	0.5	2.31	1.67 No	0.416 Thermal Discharging
SOU079	446	'6750625_/_6757873'		0.87	1.67	3.33	0.416	0.5	2.54	1.67 No	0.416 Thermal Discharging
SOU079	447	'6748625_/_6748622'		1.27	3.27	6.67	0.832	1.07	5.18	3.34 No	0.832 Thermal Discharging
SOU079	448	'6750772_/_6750769'		0.63	1.67	3.33	0.416	0.3	2.52	1.67 No	0.3 Element Fault
SOU079	449	'6994315_/_6994325'		0.9	1.8	3.33	0.416	0.5	2.28	1.67 No	0.416 Thermal Discharging
SOU079	450	'6750548_/_43982580'		0.77	1.9	3.33	0.416	0.5	2.27	1.67 No	0.416 Thermal Discharging
SOU079	451	'6748582_/_6750610_1'		0.7	1.6	3.33	0.416	0.3	2.58	1.67 No	0.3 Element Fault
SOU079	452	'43982589_/_6757860'		0.73	1.63	3.33	0.416	0.5	2.52	1.67 No	0.416 Thermal Discharging
SOU079	453	'69569886_/_69569928'		0.87	1.8	3.33	0.416	1.67	2.29	1.67 No	0.416 Thermal Discharging
SOU079	454	'6992892_/_6993132'		0.8	1.63	3.33	0.416	0.3	2.59	1.67 No	0.3 Element Fault
SOU079	455	'6748700_/_6748710'		0.63	1.6	3.33	0.416	0.5	2.55	1.67 No	0.416 Thermal Discharging
SOU079	456	'43984022_/_43984024'		0.73	1.63	3.33	0.416	0.5	2.5	1.67 No	0.416 Thermal Discharging
SOU079	457	'8095655_/_8095652_2'		0.87	1.8	3.33	0.416	1.67	2.29	1.67 No	0.416 Thermal Discharging
SOU079	458	'9409133_/_69569883'		0.63	1.8	3.33	0.416	1.67	2.29	1.67 No	0.416 Thermal Discharging
SOU079	459	'6750879_/_6750876'		0.63	1.6	3.33	0.416	0.3	2.47	1.67 No	0.3 Element Fault
SOU079	460	'6749227_/_8095652_1'		0.87	1.77	3.33	0.416	0.5	2.27	1.67 No	0.416 Thermal Discharging
SOU079	461	'43982479_/_6749107_3'		0.63	1.57	3.33	0.416	0.3	2.53	1.67 No	0.3 Element Fault
SOU079	462	'6750785_/_6750782'		0.6	1.6	3.33	0.416	0.3	2.44	1.67 No	0.3 Element Fault
SOU079	463	'6753023_/_6757821'		0.73	1.8	3.33	0.416	0.5	2.21	1.67 No	0.416 Thermal Discharging
SOU079	464	'43982545_/_43982547'		0.7	1.8	3.33	0.416	0.5	2.23	1.67 No	0.416 Thermal Discharging
SOU079	465	'6749037_/_6749034'		0.87	1.7	3.33	0.416	0.5	2.24	1.67 No	0.416 Thermal Discharging
SOU079	466	'580049494_/_6750704'		0.6	1.57	3.33	0.416	0.5	2.47	1.67 No	0.416 Thermal Discharging
SOU079	467	'43982397_/_43982399'		0.6	1.57	3.33	0.416	0.3	2.49	1.67 No	0.3 Element Fault
SOU079	468	'6749214_/_6749224'		0.87	1.73	3.33	0.416	0.5	2.24	1.67 No	0.416 Thermal Discharging
SOU079	469	'6994130_/_6994140'		0.83	1.77	3.33	0.416	0.5	2.21	1.67 No	0.416 Thermal Discharging
SOU079	470	'6750626_/_6750623'		0.83	1.57	3.33	0.416	0.5	2.43	1.67 No	0.416 Thermal Discharging
SOU079	471	'6760613_/_6760611'		0.7	1.57	3.33	0.416	0.5	2.43	1.67 No	0.416 Thermal Discharging
SOU079	472	'44033626_/_44033631'		0.83	1.7	3.33	0.416	0.5	2.2	1.67 No	0.416 Thermal Discharging
SOU079	473	'6748640_/_6748637'		1.2	3.07	6.67	0.832	1.07	4.94	3.34 No	0.832 Thermal Discharging
SOU079	474	'43982363_/_43982365'		0.7	1.53	3.33	0.416	0.3	2.47	1.67 No	0.3 Element Fault

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Over-Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SOU079	475	'6748685_/_6748682_2'		1.2	3.07	6.67	0.832	1.07	4.91	3.34 No	0.832 Thermal Discharging
SOU079	476	'6748699_/_6748697'		0.6	1.53	3.33	0.416	0.5	2.45	1.67 No	0.416 Thermal Discharging
SOU079	477	'580049495_/_580049492'		0.6	1.53	3.33	0.416	0.5	2.42	1.67 No	0.416 Thermal Discharging
SOU079	478	'6750895_/_6750892'		0.6	1.57	3.33	0.416	0.3	2.4	1.67 No	0.3 Element Fault
SOU079	479	'6753024_/_6753021'		0.7	1.73	3.33	0.416	0.5	2.17	1.67 No	0.416 Thermal Discharging
SOU079	480	'6763297_/_43984081'		0.7	1.53	3.33	0.416	0.5	2.38	1.67 No	0.416 Thermal Discharging
SOU079	481	'6750652_/_6750649'		0.7	1.53	3.33	0.416	0.5	2.4	1.67 No	0.416 Thermal Discharging
SOU079	482	'6749136_/_6749133'		0.6	1.53	3.33	0.416	0.3	2.43	1.67 No	0.3 Element Fault
SOU079	483	'43982622_/_6750795'		0.57	1.53	3.33	0.416	0.3	2.36	1.67 No	0.3 Element Fault
SOU079	484	'43982534_/_6749237'		0.83	1.67	3.33	0.416	0.5	2.18	1.67 No	0.416 Thermal Discharging
SOU079	485	'6749050_/_6749060'		0.57	1.5	3.33	0.416	0.3	2.4	1.67 No	0.3 Element Fault
SOU079	486	'6750639_/_6750636'		0.8	1.5	3.33	0.416	0.5	2.35	1.67 No	0.416 Thermal Discharging
SOU079	487	'6753037_/_6753034'		0.67	1.67	3.33	0.416	0.5	2.12	1.67 No	0.416 Thermal Discharging
SOU079	488	'580049722_/_6750905'		0.57	1.5	3.33	0.416	0.3	2.34	1.67 No	0.3 Element Fault
SOU079	489	'6750811_/_6750808'		0.57	1.5	3.33	0.416	0.3	2.32	1.67 No	0.3 Element Fault
SOU079	490	'6748568_/_6748566'		0.7	1.47	3.33	0.416	0.3	2.39	1.67 No	0.3 Element Fault
SOU079	491	'6994289_/_6994299'		0.8	1.6	3.33	0.416	0.5	2.13	1.67 No	0.416 Thermal Discharging
SOU079	492	'6994117_/_6994127'		0.8	1.67	3.33	0.416	0.5	2.12	1.67 No	0.416 Thermal Discharging
SOU079	493	'6750431_/_6750441'		0.67	1.67	3.33	0.416	0.5	2.13	1.67 No	0.416 Thermal Discharging
SOU079	494	'6750824_/_6750821'		0.57	1.5	3.33	0.416	0.3	2.3	1.67 No	0.3 Element Fault
SOU079	495	'6749201_/_6749211'		0.8	1.6	3.33	0.416	0.5	2.14	1.67 No	0.416 Thermal Discharging
SOU079	496	'6748670_/_6748682_1'		1.13	2.93	6.67	0.832	0.6	4.7	3.34 No	0.6 Element Fault
SOU079	497	'43981932_/_43981934'		0.57	1.47	3.33	0.416	0.5	2.35	1.67 No	0.416 Thermal Discharging
SOU079	498	'43981257_/_6753047'		0.67	1.6	3.33	0.416	0.5	2.07	1.67 No	0.416 Thermal Discharging
SOU079	499	'6750837_/_6750834'		0.53	1.47	3.33	0.416	0.3	2.25	1.67 No	0.3 Element Fault
SOU079	500	'6750363_/_6750360'		0.8	1.57	3.33	0.416	0.5	2.11	1.67 No	0.416 Thermal Discharging
SOU079	501	'43982490_/_6749146'		0.57	1.43	3.33	0.416	0.3	2.31	1.67 No	0.3 Element Fault
SOU079	502	'6750665_/_6750662'		0.63	1.43	3.33	0.416	0.5	2.27	1.67 No	0.416 Thermal Discharging
SOU079	503	'6748310_/_6749047'		0.57	1.43	3.33	0.416	0.3	2.3	1.67 No	0.3 Element Fault
SOU079	504	'6993850_/_6994286'		0.73	1.5	3.33	0.416	0.5	2.05	1.67 No	0.416 Thermal Discharging
SOU079	505	'6750418_/_6750428'		0.6	1.57	3.33	0.416	0.5	2.04	1.67 No	0.416 Thermal Discharging
SOU079	506	'44033585_/_44033587'		0.73	1.53	3.33	0.416	0.5	2.04	1.67 No	0.416 Thermal Discharging
SOU079	507	'43982501_/_6749198'		0.77	1.5	3.33	0.416	0.5	2.06	1.67 No	0.416 Thermal Discharging
SOU079	508	'6752930_/_6753060'		0.63	1.53	3.33	0.416	0.5	2.01	1.67 No	0.416 Thermal Discharging
SOU079	509	'44033498_/_44033500'		0.73	1.5	3.33	0.416	0.5	2.02	1.67 No	0.416 Thermal Discharging
SOU079	510	'6742336_/_6742334'		0.53	1.4	3.33	0.416	0.5	2.24	1.67 No	0.416 Thermal Discharging
SOU079	511	'43984068_/_43984070'		0.63	1.37	3.33	0.416	0.3	2.25	1.67 No	0.3 Element Fault
SOU079	512	'43982408_/_6748667'		1.07	2.73	6.67	0.832	0.6	4.49	3.34 No	0.6 Element Fault
SOU079	513	'6994104_/_6994101_2'		0.73	1.53	3.33	0.416	0.5	2.03	1.67 No	0.416 Thermal Discharging
SOU079	514	'6748297_/_6748307'		0.53	1.37	3.33	0.416	0.3	2.23	1.67 No	0.3 Element Fault
SOU079	515	'6750678_/_6750675_1'		0.6	1.4	3.33	0.416	0.5	2.2	1.67 No	0.416 Thermal Discharging
SOU079	516	'6750376_/_6750373'		0.73	1.5	3.33	0.416	0.5	2.04	1.67 No	0.416 Thermal Discharging
SOU079	517	'44702512_/_6749159'		0.53	1.37	3.33	0.416	0.3	2.22	1.67 No	0.3 Element Fault
SOU079	518	'43982600_/_6750675_2'		0.6	1.37	3.33	0.416	0.5	2.18	1.67 No	0.416 Thermal Discharging
SOU079	519	'6752917_/_6752927'		0.6	1.5	3.33	0.416	0.5	1.98	1.67 No	0.416 Thermal Discharging
SOU079	520	'6993824_/_6993834'		0.7	1.43	3.33	0.416	0.5	1.98	1.67 No	0.416 Thermal Discharging
SOU079	521	'6748284_/_6748294_2'		0.53	1.33	3.33	0.416	0.3	2.18	1.67 No	0.3 Element Fault
SOU079	522	'6752943_/_6752940'		0.6	1.5	3.33	0.416	0.5	1.95	1.67 No	0.416 Thermal Discharging
SOU079	523	'6748505_/_6748652'		1.07	2.67	6.67	0.832	0.6	4.36	3.34 No	0.6 Element Fault
SOU079	524	'43982206_/_6748294_1'		0.5	1.33	3.33	0.416	0.3	2.17	1.67 No	0.3 Element Fault
SOU079	525	'6750405_/_6750415'		0.57	1.47	3.33	0.416	0.5	1.97	1.67 No	0.416 Thermal Discharging
SOU079	526	'6748193_/_6761056'		0.63	1.33	3.33	0.416	0.3	2.17	1.67 No	0.3 Element Fault
SOU079	527	'43982500_/_6749185'		0.7	1.43	3.33	0.416	0.5	1.99	1.67 No	0.416 Thermal Discharging
SOU079	528	'6993694_/_6994101_1'		0.7	1.47	3.33	0.416	0.5	1.96	1.67 No	0.416 Thermal Discharging
SOU079	529	'6745770_/_43981610'		0.5	1.33	3.33	0.416	0.5	2.16	1.67 No	0.416 Thermal Discharging
SOU079	530	'6750389_/_6750386'		0.7	1.43	3.33	0.416	0.5	1.98	1.67 No	0.416 Thermal Discharging
SOU079	531	'6746200_/_6748190'		0.6	1.3	3.33	0.416	0.3	2.14	1.67 No	0.3 Element Fault
SOU079	532	'6976327_/_7114405'		0.6	1.43	3.33	0.416	0.5	1.92	1.67 No	0.416 Thermal Discharging
SOU079	533	'6993811_/_6993821'		0.67	1.4	3.33	0.416	0.5	1.93	1.67 No	0.416 Thermal Discharging
SOU079	534	'6748536_/_6750402'		0.57	1.43	3.33	0.416	0.5	1.93	1.67 No	0.416 Thermal Discharging
SOU079	535	'43982252_/_6748502'		1	2.6	6.67	0.832	0.6	4.22	3.34 No	0.6 Element Fault
SOU079	536	'6748271_/_6748281'		0.5	1.3	3.33	0.416	0.3	2.09	1.67 No	0.3 Element Fault
SOU079	537	'6976340_/_6976325'		0.57	1.4	3.33	0.416	0.5	1.88	1.67 No	0.416 Thermal Discharging
SOU079	538	'43982095_/_6746197'		0.6	1.27	3.33	0.416	0.3	2.08	1.67 No	0.3 Element Fault
SOU079	539	'44033509_/_44033511'		0.67	1.37	3.33	0.416	0.5	1.89	1.67 No	0.416 Thermal Discharging
SOU079	540	'6993798_/_6993808'		0.67	1.33	3.33	0.416	0.5	1.88	1.67 No	0.416 Thermal Discharging
SOU079	541	'6976445_/_6976455'		0.57	1.37	3.33	0.416	0.5	1.85	1.67 No	0.416 Thermal Discharging
SOU079	542	'6748258_/_6748268'		0.47	1.23	3.33	0.416	0.3	2.04	1.67 No	0.3 Element Fault
SOU079	543	'6976354_/_6976351'		0.57	1.37	3.33	0.416	0.5	1.84	1.67 No	0.416 Thermal Discharging
SOU079	544	'580054987_/_43982332'		0.53	1.37	3.33	0.416	0.5	1.86	1.67 No	0.416 Thermal Discharging
SOU079	545	'6976444_/_6976442'		0.53	1.37	3.33	0.416	0.5	1.83	1.67 No	0.416 Thermal Discharging
SOU079	546	'6748472_/_6748484'		0.93	2.47	6.67	0.832	0.6	4.04	3.34 No	0.6 Element Fault
SOU079	547	'45001821_/_6993678'		0.63	1.33	3.33	0.416	0.5	1.85	1.67 No	0.416 Thermal Discharging
SOU079	548	'6746174_/_6746184'		0.57	1.23	3.33	0.416	0.3	2.01	1.67 No	0.3 Element Fault
SOU079	549	'6976367_/_6976364'		0.53	1.33	3.33	0.416	0.5	1.81	1.67 No	0.416 Thermal Discharging
SOU079	550	'6993785_/_6993795'		0.63	1.27	3.33	0.416	0.5	1.82	1.67 No	0.416 Thermal Discharging
SOU079	551	'6748245_/_6748255_2'		0.47	1.2	3.33	0.416	0.3	1.98	1.67 No	0.3 Element Fault
SOU079	552	'43982195_/_6748255_1'		0.47	1.2	3.33	0.416	0.3	1.97	1.67 No	0.3 Element Fault
SOU079	553	'6976380_/_6976377_1'		0.53	1.3	3.33	0.416	0.5	1.78	1.67 No	0.416 Thermal Discharging
SOU079	554	'44033745_/_6976377_2'		0.53	1.3	3.33	0.416	0.5	1.78	1.67 No	0.416 Thermal Discharging
SOU079	555	'6748457_/_6748469'		0.93	2.4	6.67	0.832	0.6	3.92	3.34 No	0.6 Element Fault
SOU079	556	'43982084_/_6746171'		0.53	1.17	3.33	0.416	0.3	1.93	1.67 No	0.3 Element Fault
SOU079	557	'6976393_/_44033747'		0.5	1.27	3.33	0.416	0.5	1.74	1.67 No	0.416 Thermal Discharging
SOU079	558	'44033487_/_44033489'		0.6	1.23	3.33	0.416	0.5	1.76	1.67 No	0.416 Thermal Discharging
SOU079	559	'6748232_/_6748242'		0.43	1.17	3.33	0.416	0.3	1.91	1.67 No	0.3 Element Fault
SOU079	560	'6748442_/_6748454'		0.87	2.27	6.67	0.832	0.6	3.79	3.34 No	0.6 Element Fault
SOU079	561	'6976406_/_6976403'		0.5	1.23	3.33	0.416	0.5	1.71	1.67 No	0.416 Thermal Discharging
SOU079	562	'6746148_/_6746158'		0.53	1.13	3.33	0.416	0.3	1.87	1.67 No	0.3 Element Fault
SOU079	563	'6993759_/_6993769'		0.57	1.2	3.33	0.416	0.5	1.72	1.67 No	0.416 Thermal Discharging
SOU079	564	'6748219_/_6748229'		0.43	1.13	3.33	0.416	0.3	1.86	1.67 No	0.3 Element Fault
SOU079	565	'6976419_/_6976416'		0.5	1.2	3.33	0.416	0.5	1.68	1.67 No	0.416 Thermal Discharging
SOU079	566	'43982240_/_43982242'		0.87	2.2	6.67	0.832	0.6	3.67	3.34 No	0.6 Element Fault
SOU079	567	'389618370_/_6976429'		0.47	1.2	3.33	0.416	0.5	1.67	1.67 No	0.416 Thermal Discharging
SOU079	568	'6748394_/_6748391_2'		0.87	2.2	6.67	0.832	0.6	3.65	3.34 No	0.6 Element Fault

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SOU079	569	'6748206_/_6748216'		0.4	1.1	3.33	0.416	0.3	1.82	1.67 No	0.3 Element Fault
SOU079	570	'6746135_/_6746145'		0.5	1.1	3.33	0.416	0.3	1.81	1.67 No	0.3 Element Fault
SOU079	571	'44033476_/_6993756'		0.57	1.13	3.33	0.416	0.5	1.67	1.67 No	0.416 Thermal Discharging
SOU079	572	'6748379_/_6748391_1'		0.8	2.13	6.67	0.832	0.6	3.56	3.34 No	0.6 Element Fault
SOU079	573	'43982184_/_6748203'		0.4	1.07	3.33	0.416	0.3	1.76	1.67 No	0.3 Element Fault
SOU079	574	'6993733_/_6993743'		0.53	1.1	3.33	0.416	0.5	1.62	1.67 No	0.416 Thermal Discharging
SOU079	575	'6746122_/_6746132'		0.5	1.03	3.33	0.416	0.3	1.74	1.67 No	0.3 Element Fault
SOU079	576	'6748378_/_6748376'		0.8	2.07	6.67	0.832	0.6	3.46	3.34 No	0.6 Element Fault
SOU079	577	'6745878_/_6746119_2'		0.47	1.03	3.33	0.416	0.3	1.71	1.67 No	0.3 Element Fault
SOU079	578	'43982073_/_6746119_1'		0.47	1.03	3.33	0.416	0.3	1.7	1.67 No	0.3 Element Fault
SOU079	579	'6993720_/_6993730'		0.5	1.07	3.33	0.416	0.5	1.58	1.67 No	0.416 Thermal Discharging
SOU079	580	'6748409_/_6748424'		0.73	2	6.67	0.832	0.6	3.34	3.34 No	0.6 Element Fault
SOU079	581	'6993707_/_6993717'		0.5	1.03	3.33	0.416	0.5	1.55	1.67 No	0.416 Thermal Discharging
SOU079	582	'6745865_/_6745875'		0.47	1	3.33	0.416	0.3	1.65	1.67 No	0.3 Element Fault
SOU079	583	'43982228_/_43982230'		0.73	1.93	6.67	0.832	0.6	3.27	3.34 No	0.6 Element Fault
SOU079	584	'6993706_/_44033467'		0.5	1	3.33	0.416	0.5	1.52	1.67 No	0.416 Thermal Discharging
SOU079	585	'6745852_/_6745862'		0.43	0.97	3.33	0.416	0.3	1.61	1.67 No	0.3 Element Fault
SOU079	586	'6745839_/_6745849'		0.43	0.97	3.33	0.416	0.3	1.59	1.67 No	0.3 Element Fault
SOU079	587	'6748349_/_6748361'		0.37	0.97	3.33	0.416	0.3	1.59	1.67 No	0.3 Element Fault
SOU079	588	'6745826_/_6745836'		0.43	0.93	3.33	0.416	0.3	1.56	1.67 No	0.3 Element Fault
SOU079	589	'6748348_/_6748346'		0.37	0.93	3.33	0.416	0.3	1.56	1.67 No	0.3 Element Fault
SOU079	590	'43981677_/_43981679'		0.43	0.9	3.33	0.416	0.3	1.53	1.67 No	0.3 Element Fault
SOU079	591	'6745797_/_6745810'		0.4	0.9	3.33	0.416	0.3	1.5	1.67 No	0.3 Element Fault
SOU079	592	'6745784_/_6745794'		0.4	0.87	3.33	0.416	0.3	1.47	1.67 No	0.3 Element Fault
SOU079	593	'6745783_/_6745781'		0.4	0.87	3.33	0.416	0.3	1.43	1.67 No	0.3 Element Fault
SOU081	0	'SOU081_/_492629774'		10	10	10	0.912	10	10	7.74 No	0.912 Thermal Discharging
SOU081	1	'7459774_/_492629774'		10	10	10	0.912	10	10	7.74 No	0.912 Thermal Discharging
SOU081	2	'7459773_/_7459771'		10	10	10	0.912	10	10	7.74 No	0.912 Thermal Discharging
SOU081	3	'7773494_/_8402696'		10	10	10	0.912	10	10	7.74 No	0.912 Thermal Discharging
SOU081	4	'7773493_/_7773491'		10	10	10	0.912	10	10	7.74 No	0.912 Thermal Discharging
SOU081	5	'8402618_/_8402616'		10	10	10	0.912	10	10	7.74 No	0.912 Thermal Discharging
SOU081	6	'8402199_/_9353372'		10	10	10	0.912	10	10	7.74 No	0.912 Thermal Discharging
SOU081	7	'7772936_/_8402196'		10	10	10	0.912	10	10	7.74 No	0.912 Thermal Discharging
SOU081	8	'7772935_/_7772933'		10	10	10	0.912	10	10	7.74 No	0.912 Thermal Discharging
SOU081	9	'8094112_/_8094110'		10	10	10	0.912	10	10	7.74 No	0.912 Thermal Discharging
SOU081	10	'8402158_/_9353332'		10	10	10	0.912	10	10	7.74 No	0.912 Thermal Discharging
SOU081	11	'580304929_/_8402156_1'		10	10	10	0.912	10	10	7.74 No	0.912 Thermal Discharging
SOU081	12	'580303836_/_8402156_2'		10	10	10	0.912	10	10	7.74 No	0.912 Thermal Discharging
SOU081	13	'6696320_/_6696337'		10	10	10	0.912	10	10	7.74 No	0.912 Thermal Discharging
SOU081	14	'580303817_/_6696317'		10	10	10	0.912	10	10	7.74 No	0.912 Thermal Discharging
SOU081	15	'6696283_/_6696297'		10	10	10	0.912	10	10	7.74 No	0.912 Thermal Discharging
SOU081	16	'580307479_/_6697465_1'		3.33	3.33	3.33	0.304	0.5	3.33	2.58 No	0.304 Thermal Discharging
SOU081	17	'43969952_/_6696280'		10	10	10	0.912	10	10	7.74 No	0.912 Thermal Discharging
SOU081	18	'6695829_/_6696263'		10	10	10	0.912	10	10	7.74 No	0.912 Thermal Discharging
SOU081	19	'43969560_/_43969562'		10	10	10	0.912	10	10	7.74 No	0.912 Thermal Discharging
SOU081	20	'6695812_/_6695809_2'		10	10	10	0.912	10	10	7.74 No	0.912 Thermal Discharging
SOU081	21	'6695792_/_6695809_1'		10	10	10	0.912	10	10	7.74 No	0.912 Thermal Discharging
SOU081	22	'580303594_/_6695789'		10	10	10	0.912	10	10	7.74 No	0.912 Thermal Discharging
SOU081	23	'6690249_/_6697575_2'		3.33	3.33	3.33	0.304	1.5	3.33	2.58 No	0.304 Thermal Discharging
SOU081	24	'6695599_/_6695769'		10	10	10	0.912	10	10	7.74 No	0.912 Thermal Discharging
SOU081	25	'43969966_/_6697465_2'		3.33	3.33	3.33	0.304	0.5	3.33	2.58 No	0.304 Thermal Discharging
SOU081	26	'6690234_/_6695596'		10	10	10	0.912	10	10	7.74 No	0.912 Thermal Discharging
SOU081	27	'7459199_/_7459197_1'		10	10	10	0.912	10	10	7.74 No	0.912 Thermal Discharging
SOU081	28	'6690195_/_6690192_3'		3.33	3.33	3.33	0.304	1.1	3.33	2.58 No	0.304 Thermal Discharging
SOU081	29	'6695565_/_6695579'		10	10	10	0.912	10	10	7.74 No	0.912 Thermal Discharging
SOU081	30	'6690182_/_6690192_2'		3.33	3.33	3.33	0.304	0.5	3.33	2.58 No	0.304 Thermal Discharging
SOU081	31	'6695564_/_6695562'		10	10	10	0.912	10	10	7.74 No	0.912 Thermal Discharging
SOU081	32	'6697004_/_43969390_2'		10	10	10	0.912	10	10	7.74 No	0.912 Thermal Discharging
SOU081	33	'580304808_/_6691407_1'		3.33	3.33	3.33	0.304	3.33	3.33	2.58 No	0.304 Thermal Discharging
SOU081	34	'6690181_/_6690192_1'		3.33	3.33	3.33	0.304	0.5	3.33	2.58 No	0.304 Thermal Discharging
SOU081	35	'43969388_/_43969390_1'		10	10	10	0.912	1.9	10	7.74 No	0.912 Thermal Discharging
SOU081	36	'6695142_/_6696754'		10	10	10	0.912	10	10	7.74 No	0.912 Thermal Discharging
SOU081	37	'114310978_/_117751561_1'		3.33	3.33	3.33	0.304	0.5	3.33	2.58 No	0.304 Thermal Discharging
SOU081	38	'6689750_/_6691407_2'		3.33	3.33	3.33	0.304	3.33	3.33	2.58 No	0.304 Thermal Discharging
SOU081	39	'6695125_/_6695139'		10	10	10	0.912	10	10	7.74 No	0.912 Thermal Discharging
SOU081	40	'6696950_/_6696964'		10	10	10	0.912	1.9	10	7.74 No	0.912 Thermal Discharging
SOU081	41	'6697565_/_6697575_1'		3.33	3.33	3.33	0.304	0.5	3.33	2.58 No	0.304 Thermal Discharging
SOU081	42	'6689751_/_6689748'		3.33	3.33	3.33	0.304	3.33	3.33	2.58 No	0.304 Thermal Discharging
SOU081	43	'6689178_/_6695122'		10	10	10	0.912	10	10	7.74 No	0.912 Thermal Discharging
SOU081	44	'6696933_/_6696947'		10	10	10	0.912	1.9	10	7.74 No	0.912 Thermal Discharging
SOU081	45	'580307704_/_43969026_2'		3.33	3.33	3.33	0.304	1.4	3.33	2.58 No	0.304 Thermal Discharging
SOU081	46	'43969898_/_6689761'		3.33	3.33	3.33	0.304	3.33	3.33	2.58 No	0.304 Thermal Discharging
SOU081	47	'43969375_/_6696930'		10	10	10	0.912	1.9	10	7.74 No	0.912 Thermal Discharging
SOU081	48	'6695091_/_6695105'		10	10	10	0.912	10	10	7.74 No	0.912 Thermal Discharging
SOU081	49	'6690207_/_6691420'		3.33	3.33	3.33	0.304	0.5	3.33	2.58 No	0.304 Thermal Discharging
SOU081	50	'43969024_/_43969026_1'		3.33	3.33	3.33	0.304	0.5	3.33	2.58 No	0.304 Thermal Discharging
SOU081	51	'51761252_/_6689774'		10	10	10	0.912	1.9	10	7.74 No	0.912 Thermal Discharging
SOU081	52	'6695074_/_6695088'		10	10	10	0.912	10	10	7.74 No	0.912 Thermal Discharging
SOU081	53	'51761268_/_51761218_1'		10	10	10	0.912	1.5	10	7.74 No	0.912 Thermal Discharging
SOU081	54	'6690892_/_6690889'		3.33	3.33	3.33	0.304	3.33	3.33	2.58 No	0.304 Thermal Discharging
SOU081	55	'43969011_/_6695071'		10	10	10	0.912	10	10	7.74 No	0.912 Thermal Discharging
SOU081	56	'6698228_/_6698226'		10	10	10	0.912	1.9	10	7.74 No	0.912 Thermal Discharging
SOU081	57	'6710671_/_7113525'		10	10	10	0.912	10	10	7.74 No	0.912 Thermal Discharging
SOU081	58	'6691008_/_117751561_2'		3.33	3.33	3.33	0.304	0.5	3.33	2.58 No	0.304 Thermal Discharging
SOU081	59	'43969887_/_6690902'		3.33	3.33	3.33	0.304	3.33	3.33	2.58 No	0.304 Thermal Discharging
SOU081	60	'43970652_/_6698320'		10	10	10	0.912	1.9	10	7.74 No	0.912 Thermal Discharging
SOU081	61	'580307843_/_6711637_1'		3.33	3.33	3.33	0.304	0.5	3.33	2.58 No	0.304 Thermal Discharging
SOU081	62	'43969549_/_6697562'		3.33	3.33	3.33	0.304	0.5	3.33	2.58 No	0.304 Thermal Discharging
SOU081	63	'580308015_/_6698303'		10	10	10	0.912	1.9	10	7.74 No	0.912 Thermal Discharging
SOU081	64	'6690918_/_6690915'		3.33	3.33	3.33	0.304	3.33	3.33	2.58 No	0.304 Thermal Discharging
SOU081	65	'6721837_/_6721851'		10	10	10	0.912	10	10	7.74 No	0.912 Thermal Discharging
SOU081	66	'43969412_/_43969414'		3.33	3.33	3.33	0.304	0.5	3.33	2.58 No	0.304 Thermal Discharging
SOU081	67	'6689149_/_6689159'		3.33	3.33	3.33	0.304	0.5	3.33	2.58 No	0.304 Thermal Discharging
SOU081	68	'7470748_/_7470745_2'		10	10	10	0.912	1.9	10	7.74 No	0.912 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SOU081	69	'6690931_/_6690928'	3.33	3.33	3.33	0.304	3.33	3.33	2.58 No	0.304	Thermal Discharging
SOU081	70	'6721820_/_6721834'	10	10	10	0.912	10	10	7.74 No	0.912	Thermal Discharging
SOU081	71	'580307854_/_6711637_2'	3.33	3.33	3.33	0.304	0.5	3.33	2.58 No	0.304	Thermal Discharging
SOU081	72	'43969920_/_6690941'	3.33	3.33	3.33	0.304	3.33	3.33	2.58 No	0.304	Thermal Discharging
SOU081	73	'6721803_/_6721817'	10	10	10	0.912	10	10	7.74 No	0.912	Thermal Discharging
SOU081	74	'7470747_/_7470745_1'	10	10	10	0.912	1.2	10	7.74 No	0.912	Thermal Discharging
SOU081	75	'6725683_/_6725693_1'	3.33	3.33	3.33	0.304	0.5	3.33	2.58 No	0.304	Thermal Discharging
SOU081	76	'6710683_/_6711637_3'	3.33	3.33	3.33	0.304	0.5	3.33	2.58 No	0.304	Thermal Discharging
SOU081	77	'43969401_/_6690205'	3.33	3.33	3.33	0.304	0.5	3.33	2.58 No	0.304	Thermal Discharging
SOU081	78	'6690957_/_43969922'	3.33	3.33	3.33	0.304	3.33	3.33	2.58 No	0.304	Thermal Discharging
SOU081	79	'6721802_/_6721800'	10	10	10	0.912	10	10	7.74 No	0.912	Thermal Discharging
SOU081	80	'9039066_/_9039063'	10	10	10	0.912	1.2	10	7.74 No	0.912	Thermal Discharging
SOU081	81	'6721786_/_6724910'	10	10	10	0.912	10	10	7.74 No	0.912	Thermal Discharging
SOU081	82	'8719531_/_8719528_2'	6.67	6.67	6.67	0.608	2.8	6.67	5.16 No	0.608	Thermal Discharging
SOU081	83	'6690970_/_6690967'	3.33	3.33	3.33	0.304	3.33	3.33	2.58 No	0.304	Thermal Discharging
SOU081	84	'6710301_/_6721783'	10	10	10	0.912	10	10	7.74 No	0.912	Thermal Discharging
SOU081	85	'109559638_/_8719528_1'	6.67	6.67	6.67	0.608	1	6.67	5.16 No	0.608	Thermal Discharging
SOU081	86	'117752110_/_6691006_1'	3.33	3.33	3.33	0.304	0.5	3.33	2.58 No	0.304	Thermal Discharging
SOU081	87	'580307767_/_6710335_1'	10	10	10	0.912	2.3	10	7.74 No	0.912	Thermal Discharging
SOU081	88	'6725696_/_6725693_2'	3.33	3.33	3.33	0.304	0.5	3.33	2.58 No	0.304	Thermal Discharging
SOU081	89	'6697536_/_6697549'	3.33	3.33	3.33	0.304	0.5	3.33	2.58 No	0.304	Thermal Discharging
SOU081	90	'6721752_/_6721766'	10	10	10	0.912	10	10	7.74 No	0.912	Thermal Discharging
SOU081	91	'43969977_/_6691006_2'	3.33	3.33	3.33	0.304	0.5	3.33	2.58 No	0.304	Thermal Discharging
SOU081	92	'43969057_/_43969059'	3.33	3.33	3.33	0.304	0.5	3.33	2.58 No	0.304	Thermal Discharging
SOU081	93	'6710171_/_6721749'	10	10	10	0.912	10	10	7.74 No	0.912	Thermal Discharging
SOU081	94	'580307791_/_6710335_2'	10	10	10	0.912	2.3	10	7.74 No	0.912	Thermal Discharging
SOU081	95	'6710191_/_6710201_1'	3.33	3.33	3.33	0.304	0.5	3.33	2.58 No	0.304	Thermal Discharging
SOU081	96	'6704044_/_6704054'	3.33	3.33	3.33	0.304	0.5	3.33	2.58 No	0.304	Thermal Discharging
SOU081	97	'51761275_/_51761218_2'	10	10	10	0.912	1.5	10	7.74 No	0.912	Thermal Discharging
SOU081	98	'6710151_/_6710148_2'	10	10	10	0.912	4.6	10	7.74 No	0.912	Thermal Discharging
SOU081	99	'8719530_/_109559689'	6.67	6.67	6.67	0.608	1	6.67	5.16 No	0.608	Thermal Discharging
SOU081	100	'6697535_/_43969540'	3.33	3.33	3.33	0.304	0.5	3.33	2.58 No	0.304	Thermal Discharging
SOU081	101	'6721718_/_6721732'	10	10	10	0.912	10	10	7.74 No	0.912	Thermal Discharging
SOU081	102	'6710040_/_6721715'	10	10	10	0.912	10	10	7.74 No	0.912	Thermal Discharging
SOU081	103	'43973581_/_6710681'	3.33	3.33	3.33	0.304	0.5	3.33	2.58 No	0.304	Thermal Discharging
SOU081	104	'6667333_/_43969403'	3.33	3.33	3.33	0.304	0.5	3.33	2.58 No	0.304	Thermal Discharging
SOU081	105	'580307736_/_6710038_1'	3.33	3.33	3.33	0.304	0.5	3.33	2.58 No	0.304	Thermal Discharging
SOU081	106	'6698271_/_6698286'	3.33	3.33	3.33	0.304	0.63	3.33	2.58 No	0.304	Thermal Discharging
SOU081	107	'6721681_/_6721698'	10	10	10	0.912	10	10	7.74 No	0.912	Thermal Discharging
SOU081	108	'43973533_/_6710335_3'	10	10	10	0.912	2.3	10	7.74 No	0.912	Thermal Discharging
SOU081	109	'43973546_/_43973548'	10	10	10	0.912	2.3	10	7.74 No	0.912	Thermal Discharging
SOU081	110	'6710632_/_6710642_1'	3.33	3.33	3.33	0.304	0.5	3.33	2.58 No	0.304	Thermal Discharging
SOU081	111	'580307726_/_6710038_2'	3.33	3.33	3.33	0.304	0.5	3.33	2.58 No	0.304	Thermal Discharging
SOU081	112	'6721593_/_6721678'	10	10	10	0.912	10	10	7.74 No	0.912	Thermal Discharging
SOU081	113	'43973474_/_6710148_1'	10	10	10	0.912	1.5	10	7.74 No	0.912	Thermal Discharging
SOU081	114	'6710012_/_6710038_3'	3.33	3.33	3.33	0.304	0.5	3.33	2.58 No	0.304	Thermal Discharging
SOU081	115	'6721610_/_6721607'	10	10	10	0.912	10	10	7.74 No	0.912	Thermal Discharging
SOU081	116	'43973367_/_43973369'	10	10	10	0.912	10	10	7.74 No	0.912	Thermal Discharging
SOU081	117	'43973570_/_6710642_2'	3.33	3.33	3.33	0.304	0.5	3.33	2.58 No	0.304	Thermal Discharging
SOU081	118	'6721576_/_6721573_2'	10	10	10	0.912	10	10	7.74 No	0.912	Thermal Discharging
SOU081	119	'6721559_/_6721573_1'	10	10	10	0.912	10	10	7.74 No	0.912	Thermal Discharging
SOU081	120	'43973380_/_6721624'	10	10	10	0.912	10	10	7.74 No	0.912	Thermal Discharging
SOU081	121	'6721542_/_6721556'	10	10	10	0.912	10	10	7.74 No	0.912	Thermal Discharging
SOU081	122	'6721644_/_43973382'	10	10	10	0.912	10	10	7.74 No	0.912	Thermal Discharging
SOU081	123	'6689120_/_6689133'	3.33	3.33	3.33	0.304	0.5	3.33	2.58 No	0.304	Thermal Discharging
SOU081	124	'6721525_/_6721539'	10	10	10	0.912	10	10	7.74 No	0.912	Thermal Discharging
SOU081	125	'148945878_/_148945791'	10	10	10	0.912	10	10	7.74 No	0.912	Thermal Discharging
SOU081	126	'6698409_/_6698407'	3.33	3.33	3.33	0.304	0.63	3.33	2.58 No	0.304	Thermal Discharging
SOU081	127	'43973592_/_6721868'	10	10	10	0.912	10	10	7.74 No	0.912	Thermal Discharging
SOU081	128	'43973509_/_6725719'	3.33	3.33	3.33	0.304	0.5	3.33	2.58 No	0.304	Thermal Discharging
SOU081	129	'43973487_/_6710201_2'	3.33	3.33	3.33	0.304	0.5	3.33	2.58 No	0.304	Thermal Discharging
SOU081	130	'43973354_/_6721522'	10	10	10	0.912	10	10	7.74 No	0.912	Thermal Discharging
SOU081	131	'43969423_/_43969425'	3.33	3.33	3.33	0.304	0.5	3.33	2.58 No	0.304	Thermal Discharging
SOU081	132	'6710712_/_43973594'	10	10	10	0.912	10	10	7.74 No	0.912	Thermal Discharging
SOU081	133	'6710117_/_6710131'	10	10	10	0.912	1.5	10	7.74 No	0.912	Thermal Discharging
SOU081	134	'6721491_/_6721505'	10	10	10	0.912	10	10	7.74 No	0.912	Thermal Discharging
SOU081	135	'580303567_/_580303564'	10	10	10	0.912	10	10	7.74 No	0.912	Thermal Discharging
SOU081	136	'6710713_/_6710725_1'	6.67	6.67	6.67	0.608	1	6.67	5.16 No	0.608	Thermal Discharging
SOU081	137	'6721907_/_118210535'	10	10	10	0.912	10	10	7.74 No	0.912	Thermal Discharging
SOU081	138	'6690169_/_6690166_2'	3.33	3.33	3.33	0.304	0.5	3.33	2.58 No	0.304	Thermal Discharging
SOU081	139	'43973393_/_6711607'	3.33	3.33	3.33	0.304	0.5	3.33	2.58 No	0.304	Thermal Discharging
SOU081	140	'6711356_/_43973583'	3.33	3.33	3.33	0.304	0.5	3.33	2.58 No	0.304	Thermal Discharging
SOU081	141	'6721490_/_6721488'	10	10	10	0.912	10	10	7.74 No	0.912	Thermal Discharging
SOU081	142	'580303764_/_6724296'	10	10	10	0.912	10	10	7.74 No	0.912	Thermal Discharging
SOU081	143	'6710619_/_6710629'	3.33	3.33	3.33	0.304	0.5	3.33	2.58 No	0.304	Thermal Discharging
SOU081	144	'6721457_/_6721471'	10	10	10	0.912	10	10	7.74 No	0.912	Thermal Discharging
SOU081	145	'6710355_/_6710352'	10	10	10	0.912	2.3	10	7.74 No	0.912	Thermal Discharging
SOU081	146	'6710267_/_6710281'	10	10	10	0.912	2.3	10	7.74 No	0.912	Thermal Discharging
SOU081	147	'43973404_/_6709996'	3.33	3.33	3.33	0.304	0.5	3.33	2.58 No	0.304	Thermal Discharging
SOU081	148	'43973341_/_43973343'	10	10	10	0.912	10	10	7.74 No	0.912	Thermal Discharging
SOU081	149	'6721423_/_6721437'	10	10	10	0.912	10	10	7.74 No	0.912	Thermal Discharging
SOU081	150	'6710100_/_6710114'	10	10	10	0.912	1.5	10	7.74 No	0.912	Thermal Discharging
SOU081	151	'6724854_/_6724851'	3.33	3.33	3.33	0.304	1.5	3.33	2.58 No	0.304	Thermal Discharging
SOU081	152	'580303581_/_6721420'	10	10	10	0.912	10	10	7.74 No	0.912	Thermal Discharging
SOU081	153	'6667334_/_6667331'	3.33	3.33	3.33	0.304	0.5	3.33	2.58 No	0.304	Thermal Discharging
SOU081	154	'6721139_/_6721403'	10	10	10	0.912	10	10	7.74 No	0.912	Thermal Discharging
SOU081	155	'43970681_/_43970683'	3.33	3.33	3.33	0.304	0.63	3.33	2.58 No	0.304	Thermal Discharging
SOU081	156	'6721122_/_6721136'	10	10	10	0.912	10	10	7.74 No	0.912	Thermal Discharging
SOU081	157	'6689119_/_6689117'	3.33	3.33	3.33	0.304	0.5	3.33	2.58 No	0.304	Thermal Discharging
SOU081	158	'6690156_/_6690166_1'	3.33	3.33	3.33	0.304	0.5	3.33	2.58 No	0.304	Thermal Discharging
SOU081	159	'43973161_/_43973163'	10	10	10	0.912	10	10	7.74 No	0.912	Thermal Discharging
SOU081	160	'6711340_/_6725706'	3.33	3.33	3.33	0.304	0.5	3.33	2.58 No	0.304	Thermal Discharging
SOU081	161	'6710054_/_6710051'	3.33	3.33	3.33	0.304	0.5	3.33	2.58 No	0.304	Thermal Discharging
SOU081	162	'6711357_/_6711354'	3.33	3.33	3.33	0.304	0.5	3.33	2.58 No	0.304	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SOU081	163	'43973605_/6710725_2'	6.67	6.67	6.67	0.608	1	6.67	5.16 No	0.608	Thermal Discharging
SOU081	164	'6726065_/6726079'	10	10	10	0.912	10	10	7.74 No	0.912	Thermal Discharging
SOU081	165	'43977132_/6726062'	10	10	10	0.912	10	10	7.74 No	0.912	Thermal Discharging
SOU081	166	'43973461_/6710097'	10	10	10	0.912	1.5	10	7.74 No	0.912	Thermal Discharging
SOU081	167	'6710606_/6710616'	3.33	3.33	3.33	0.304	0.5	3.33	2.58 No	0.304	Thermal Discharging
SOU081	168	'6710220_/43973489'	3.33	3.33	3.33	0.304	0.5	3.33	2.58 No	0.304	Thermal Discharging
SOU081	169	'6710250_/6710264'	10	10	10	0.912	2.3	10	7.74 No	0.912	Thermal Discharging
SOU081	170	'6721196_/6726042'	10	10	10	0.912	10	10	7.74 No	0.912	Thermal Discharging
SOU081	171	'43969909_/6667344'	3.33	3.33	3.33	0.304	0.5	3.33	2.58 No	0.304	Thermal Discharging
SOU081	172	'6721179_/6721193'	10	10	10	0.912	10	10	7.74 No	0.912	Thermal Discharging
SOU081	173	'6721213_/6721210'	10	10	10	0.912	10	10	7.74 No	0.912	Thermal Discharging
SOU081	174	'6721159_/6721176'	10	10	10	0.912	10	10	7.74 No	0.912	Thermal Discharging
SOU081	175	'6726009_/6726006_2'	6.67	6.67	6.67	0.608	2.2	6.67	5.16 No	0.608	Thermal Discharging
SOU081	176	'580307355_/6721156_2'	10	10	10	0.912	10	10	7.74 No	0.912	Thermal Discharging
SOU081	177	'429619539_/6724276'	10	10	10	0.912	10	10	7.74 No	0.912	Thermal Discharging
SOU081	178	'6690155_/6690153'	3.33	3.33	3.33	0.304	0.5	3.33	2.58 No	0.304	Thermal Discharging
SOU081	179	'43973732_/6710369'	10	10	10	0.912	2.3	10	7.74 No	0.912	Thermal Discharging
SOU081	180	'6709551_/6721156_1'	10	10	10	0.912	10	10	7.74 No	0.912	Thermal Discharging
SOU081	181	'130090818_/6721925_1'	10	10	10	0.912	1.6	10	7.74 No	0.912	Thermal Discharging
SOU081	182	'6711370_/6711367_1'	3.33	3.33	3.33	0.304	0.5	3.33	2.58 No	0.304	Thermal Discharging
SOU081	183	'130090808_/6721925_2'	10	10	10	0.912	1.6	10	7.74 No	0.912	Thermal Discharging
SOU081	184	'6709552_/6709549'	3.33	3.33	3.33	0.304	0.53	3.33	2.58 No	0.304	Thermal Discharging
SOU081	185	'43973213_/6721925_3'	10	10	10	0.912	1.6	10	7.74 No	0.912	Thermal Discharging
SOU081	186	'580307881_/580303548'	10	10	10	0.912	10	10	7.74 No	0.912	Thermal Discharging
SOU081	187	'6709973_/6709983'	3.33	3.33	3.33	0.304	0.5	3.33	2.58 No	0.304	Thermal Discharging
SOU081	188	'6710070_/6710067'	3.33	3.33	3.33	0.304	0.5	3.33	2.58 No	0.304	Thermal Discharging
SOU081	189	'43973756_/6711367_2'	3.33	3.33	3.33	0.304	0.5	3.33	2.58 No	0.304	Thermal Discharging
SOU081	190	'6711341_/6711338_1'	3.33	3.33	3.33	0.304	0.5	3.33	2.58 No	0.304	Thermal Discharging
SOU081	191	'6721264_/6721278'	10	10	10	0.912	1.6	10	7.74 No	0.912	Thermal Discharging
SOU081	192	'6710593_/6710603'	3.33	3.33	3.33	0.304	0.5	3.33	2.58 No	0.304	Thermal Discharging
SOU081	193	'6710233_/6710247'	10	10	10	0.912	2.3	10	7.74 No	0.912	Thermal Discharging
SOU081	194	'6710082_/6710080'	10	10	10	0.912	1.5	10	7.74 No	0.912	Thermal Discharging
SOU081	195	'6721247_/6721261'	10	10	10	0.912	1.6	10	7.74 No	0.912	Thermal Discharging
SOU081	196	'6710746_/6710743'	6.67	6.67	6.67	0.608	1	6.67	5.16 No	0.608	Thermal Discharging
SOU081	197	'580305148_/6711338_2'	3.33	3.33	3.33	0.304	0.5	3.33	2.58 No	0.304	Thermal Discharging
SOU081	198	'43973137_/6726006_1'	6.67	6.67	6.67	0.608	1.1	6.67	5.16 No	0.608	Thermal Discharging
SOU081	199	'43973200_/43973202'	10	10	10	0.912	1.6	10	7.74 No	0.912	Thermal Discharging
SOU081	200	'6710982_/6710979'	3.33	3.33	3.33	0.304	0.5	3.33	2.58 No	0.304	Thermal Discharging
SOU081	201	'6698259_/6698337'	3.33	3.33	3.33	0.304	0.5	3.33	2.58 No	0.304	Thermal Discharging
SOU081	202	'6710564_/6710590'	3.33	3.33	3.33	0.304	0.5	3.33	2.58 No	0.304	Thermal Discharging
SOU081	203	'6709535_/6721227'	10	10	10	0.912	1.6	10	7.74 No	0.912	Thermal Discharging
SOU081	204	'6710807_/6710804'	3.33	3.33	3.33	0.304	0.5	3.33	2.58 No	0.304	Thermal Discharging
SOU081	205	'43973448_/43973450'	10	10	10	0.912	1.5	10	7.74 No	0.912	Thermal Discharging
SOU081	206	'6710761_/6710758'	6.67	6.67	6.67	0.608	1	6.67	5.16 No	0.608	Thermal Discharging
SOU081	207	'6709960_/6709970'	3.33	3.33	3.33	0.304	0.5	3.33	2.58 No	0.304	Thermal Discharging
SOU081	208	'6710418_/6710697'	3.33	3.33	3.33	0.304	0.5	3.33	2.58 No	0.304	Thermal Discharging
SOU081	209	'580307463_/8094644_2'	10	10	10	0.912	1.5	10	7.74 No	0.912	Thermal Discharging
SOU081	210	'43973226_/6709562'	3.33	3.33	3.33	0.304	0.53	3.33	2.58 No	0.304	Thermal Discharging
SOU081	211	'43973719_/6711287'	10	10	10	0.912	2.3	10	7.74 No	0.912	Thermal Discharging
SOU081	212	'6689190_/43973758'	3.33	3.33	3.33	0.304	0.5	3.33	2.58 No	0.304	Thermal Discharging
SOU081	213	'43973520_/43973522'	10	10	10	0.912	2.3	10	7.74 No	0.912	Thermal Discharging
SOU081	214	'6698246_/6698256'	3.33	3.33	3.33	0.304	0.5	3.33	2.58 No	0.304	Thermal Discharging
SOU081	215	'6709515_/6709532'	10	10	10	0.912	1.6	10	7.74 No	0.912	Thermal Discharging
SOU081	216	'8094646_/8094644_1'	10	10	10	0.912	0.9	10	7.74 No	0.9	Element Fault
SOU081	217	'6667360_/6667357'	3.33	3.33	3.33	0.304	0.5	3.33	2.58 No	0.304	Thermal Discharging
SOU081	218	'580303574_/580303572'	3.33	3.33	3.33	0.304	0.5	3.33	2.58 No	0.304	Thermal Discharging
SOU081	219	'6709451_/6709463'	6.67	6.67	6.67	0.608	1.1	6.67	5.16 No	0.608	Thermal Discharging
SOU081	220	'6711307_/6711304'	10	10	10	0.912	2.3	10	7.74 No	0.912	Thermal Discharging
SOU081	221	'6710551_/6710561'	3.33	3.33	3.33	0.304	0.5	3.33	2.58 No	0.304	Thermal Discharging
SOU081	222	'6710779_/6710776'	6.67	6.67	6.67	0.608	1	6.67	5.16 No	0.608	Thermal Discharging
SOU081	223	'6710995_/6710992_1'	3.33	3.33	3.33	0.304	0.5	3.33	2.58 No	0.304	Thermal Discharging
SOU081	224	'580303677_/6698243'	3.23	3.33	3.33	0.304	0.5	3.33	2.58 No	0.304	Thermal Discharging
SOU081	225	'6689191_/6689188'	3.33	3.33	3.33	0.304	0.5	3.33	2.58 No	0.304	Thermal Discharging
SOU081	226	'43973673_/6710992_2'	3.33	3.33	3.33	0.304	0.5	3.33	2.58 No	0.304	Thermal Discharging
SOU081	227	'6710405_/6710415'	3.33	3.33	3.33	0.304	0.5	3.33	2.58 No	0.304	Thermal Discharging
SOU081	228	'43973415_/43973417'	3.33	3.33	3.33	0.304	0.5	3.33	2.58 No	0.304	Thermal Discharging
SOU081	229	'43973629_/6710817'	3.33	3.33	3.33	0.304	0.5	3.33	2.58 No	0.304	Thermal Discharging
SOU081	230	'43973706_/6711321'	9.2	10	10	0.912	2.3	10	7.74 No	0.912	Thermal Discharging
SOU081	231	'6709578_/6709575'	3.33	3.33	3.33	0.304	0.53	3.33	2.58 No	0.304	Thermal Discharging
SOU081	232	'6711324_/9039411_2'	9.2	10	10	0.912	2.3	10	7.74 No	0.912	Thermal Discharging
SOU081	233	'43973187_/43973189'	10	10	10	0.912	1.6	10	7.74 No	0.912	Thermal Discharging
SOU081	234	'6667373_/6667370'	2.47	3.33	3.33	0.304	0.5	3.33	2.58 No	0.304	Thermal Discharging
SOU081	235	'6710538_/6710548'	3.1	3.33	3.33	0.304	0.5	3.33	2.58 No	0.304	Thermal Discharging
SOU081	236	'6710392_/6710402'	3.33	3.33	3.33	0.304	0.5	3.33	2.58 No	0.304	Thermal Discharging
SOU081	237	'6731190_/6731224'	7.9	10	10	0.912	2.3	10	7.74 No	0.912	Thermal Discharging
SOU081	238	'43973149_/43973151'	6.67	6.67	6.67	0.608	1.1	6.67	5.16 No	0.608	Thermal Discharging
SOU081	239	'6711008_/43973675'	3.33	3.33	3.33	0.304	0.5	3.33	2.58 No	0.304	Thermal Discharging
SOU081	240	'9039413_/9039411_1'	7.2	10	10	0.912	1.5	10	7.74 No	0.912	Thermal Discharging
SOU081	241	'389369658_/389369677'	7.2	10	10	0.912	1.5	10	7.74 No	0.912	Thermal Discharging
SOU081	242	'43973559_/43973561'	2.47	3.33	3.33	0.304	0.5	3.33	2.58 No	0.304	Thermal Discharging
SOU081	243	'6710391_/6710389'	2.63	3.33	3.33	0.304	0.5	3.33	2.58 No	0.304	Thermal Discharging
SOU081	244	'6709947_/6724867'	3.33	3.33	3.33	0.304	0.5	3.33	2.58 No	0.304	Thermal Discharging
SOU081	245	'6709591_/6709588'	3.33	3.33	3.33	0.304	0.53	3.33	2.58 No	0.304	Thermal Discharging
SOU081	246	'6710525_/6710522_2'	2.33	3.33	3.33	0.304	0.5	3.33	2.58 No	0.304	Thermal Discharging
SOU081	247	'6709481_/6709495'	10	10	10	0.912	1.6	10	7.74 No	0.912	Thermal Discharging
SOU081	248	'6710836_/6710833'	3.33	3.33	3.33	0.304	0.5	3.33	2.58 No	0.304	Thermal Discharging
SOU081	249	'6709421_/6709433'	6.67	6.67	6.67	0.608	1.1	6.67	5.16 No	0.608	Thermal Discharging
SOU081	250	'6711024_/6711021'	3.1	3.33	3.33	0.304	0.5	3.33	2.58 No	0.304	Thermal Discharging
SOU081	251	'43969942_/6667383'	1.97	3.33	3.33	0.304	0.5	3.33	2.58 No	0.304	Thermal Discharging
SOU081	252	'6731173_/6731187'	6	10	10	0.912	2.3	10	7.74 No	0.912	Thermal Discharging
SOU081	253	'43973498_/6710428'	2.37	3.33	3.33	0.304	0.5	3.33	2.58 No	0.304	Thermal Discharging
SOU081	254	'6689204_/6689201'	2.1	3.33	3.33	0.304	0.5	3.33	2.58 No	0.304	Thermal Discharging
SOU081	255	'6667399_/6667396'	1.8	3.33	3.33	0.304	0.5	3.33	2.58 No	0.304	Thermal Discharging
SOU081	256	'6710444_/6710441'	2.13	3.33	3.33	0.304	0.5	3.33	2.58 No	0.304	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SOU081	257	'6709946_/_6709944'		2.43	3.33	3.33	0.304	0.5	3.33	2.58 No	0.304 Thermal Discharging
SOU081	258	'6711037_/_6711034_1'		2.47	3.33	3.33	0.304	0.5	3.33	2.58 No	0.304 Thermal Discharging
SOU081	259	'6689217_/_6689214'		1.9	3.33	3.33	0.304	0.5	3.33	2.58 No	0.304 Thermal Discharging
SOU081	260	'6709480_/_43973176'		10	10	10	0.912	1.6	10	7.74 No	0.912 Thermal Discharging
SOU081	261	'43973640_/_6710846'		2.47	3.33	3.33	0.304	0.5	3.33	2.58 No	0.304 Thermal Discharging
SOU081	262	'43973125_/_6709418'		6.67	6.67	6.67	0.608	1.1	6.67	5.16 No	0.608 Thermal Discharging
SOU081	263	'43973684_/_6711034_2'		2.4	3.33	3.33	0.304	0.5	3.33	2.58 No	0.304 Thermal Discharging
SOU081	264	'6710512_/_6710522_1'		1.87	3.33	3.33	0.304	0.5	3.33	2.58 No	0.304 Thermal Discharging
SOU081	265	'6710457_/_6710454'		1.97	3.33	3.33	0.304	0.5	3.33	2.58 No	0.304 Thermal Discharging
SOU081	266	'43977965_/_43977967'		5.1	10	10	0.912	2.3	10	7.74 No	0.912 Thermal Discharging
SOU081	267	'43973426_/_6709863'		3.33	3.33	3.33	0.304	0.53	3.33	2.58 No	0.304 Thermal Discharging
SOU081	268	'6689259_/_6689269'		1.77	3.33	3.33	0.304	0.5	3.33	2.58 No	0.304 Thermal Discharging
SOU081	269	'6710862_/_6710859'		2.17	3.33	3.33	0.304	0.5	3.33	2.58 No	0.304 Thermal Discharging
SOU081	270	'6686808_/_6686805'		1.57	3.33	3.33	0.304	0.5	3.33	2.58 No	0.304 Thermal Discharging
SOU081	271	'6710473_/_6710470'		1.8	3.33	3.33	0.304	0.5	3.33	2.58 No	0.304 Thermal Discharging
SOU081	272	'6689230_/_6689227'		1.63	3.33	3.33	0.304	0.5	3.33	2.58 No	0.304 Thermal Discharging
SOU081	273	'6711050_/_43973686'		2.03	3.33	3.33	0.304	0.5	3.33	2.58 No	0.304 Thermal Discharging
SOU081	274	'6709879_/_6709876'		2.8	3.33	3.33	0.304	0.53	3.33	2.58 No	0.304 Thermal Discharging
SOU081	275	'6709391_/_6709403'		4.67	6.67	6.67	0.608	1.1	6.67	5.16 No	0.608 Thermal Discharging
SOU081	276	'6731139_/_6731153'		4.5	10	10	0.912	2.3	10	7.74 No	0.912 Thermal Discharging
SOU081	277	'6710499_/_6710509'		1.6	3.33	3.33	0.304	0.5	3.33	2.58 No	0.304 Thermal Discharging
SOU081	278	'6710875_/_6710872'		1.97	3.33	3.33	0.304	0.5	3.33	2.58 No	0.304 Thermal Discharging
SOU081	279	'6729340_/_6729338'		1.8	3.33	3.33	0.304	0.5	3.33	2.58 No	0.304 Thermal Discharging
SOU081	280	'6710486_/_6710496'		1.5	3.33	3.33	0.304	0.5	3.33	2.58 No	0.304 Thermal Discharging
SOU081	281	'6689246_/_6689256'		1.5	3.33	3.33	0.304	0.5	3.33	2.58 No	0.304 Thermal Discharging
SOU081	282	'6709390_/_6709388'		4	6.67	6.67	0.608	1.1	6.67	5.16 No	0.608 Thermal Discharging
SOU081	283	'6710888_/_6710885'		1.8	3.33	3.33	0.304	0.5	3.33	2.58 No	0.304 Thermal Discharging
SOU081	284	'6731122_/_6731136'		4.1	10	10	0.912	2.3	10	7.74 No	0.912 Thermal Discharging
SOU081	285	'580303728_/_6686818'		1.37	3.33	3.33	0.304	0.5	3.33	2.58 No	0.304 Thermal Discharging
SOU081	286	'43977168_/_6711060'		1.77	3.33	3.33	0.304	0.5	3.33	2.58 No	0.304 Thermal Discharging
SOU081	287	'6725627_/_6725639'		3.67	6.67	6.67	0.608	1.1	6.67	5.16 No	0.608 Thermal Discharging
SOU081	288	'6689245_/_6689243'		1.37	3.33	3.33	0.304	0.5	3.33	2.58 No	0.304 Thermal Discharging
SOU081	289	'6710485_/_6710483'		1.37	3.33	3.33	0.304	0.5	3.33	2.58 No	0.304 Thermal Discharging
SOU081	290	'43973651_/_6710898'		1.6	3.33	3.33	0.304	0.5	3.33	2.58 No	0.304 Thermal Discharging
SOU081	291	'6709895_/_6709892'		1.77	3.33	3.33	0.304	0.53	3.33	2.58 No	0.304 Thermal Discharging
SOU081	292	'43977952_/_6731119'		3.7	10	10	0.912	2.3	10	7.74 No	0.912 Thermal Discharging
SOU081	293	'6711076_/_6711073'		1.6	3.33	3.33	0.304	0.5	3.33	2.58 No	0.304 Thermal Discharging
SOU081	294	'43973113_/_6725624'		3.2	6.67	6.67	0.608	1.1	6.67	5.16 No	0.608 Thermal Discharging
SOU081	295	'6710914_/_6710911'		1.47	3.33	3.33	0.304	0.5	3.33	2.58 No	0.304 Thermal Discharging
SOU081	296	'43973695_/_6711086'		1.47	3.33	3.33	0.304	0.5	3.33	2.58 No	0.304 Thermal Discharging
SOU081	297	'6731085_/_6731102'		3.3	10	10	0.912	2.3	10	7.74 No	0.912 Thermal Discharging
SOU081	298	'6709908_/_6709905'		1.47	3.33	3.33	0.304	0.53	3.33	2.58 No	0.304 Thermal Discharging
SOU081	299	'6711144_/_6711141'		1.37	3.33	3.33	0.304	0.5	3.33	2.58 No	0.304 Thermal Discharging
SOU081	300	'6709361_/_6709373'		2.8	6.67	6.67	0.608	1.1	6.67	5.16 No	0.608 Thermal Discharging
SOU081	301	'6710927_/_6710924'		1.37	3.33	3.33	0.304	0.5	3.33	2.58 No	0.304 Thermal Discharging
SOU081	302	'43977939_/_6731082'		3.1	10	10	0.912	2.3	10	7.74 No	0.912 Thermal Discharging
SOU081	303	'6709921_/_6709918'		1.4	3.33	3.33	0.304	0.53	3.33	2.58 No	0.304 Thermal Discharging
SOU081	304	'6711102_/_6711099'		1.3	3.33	3.33	0.304	0.5	3.33	2.58 No	0.304 Thermal Discharging
SOU081	305	'43973662_/_6710937'		1.27	3.33	3.33	0.304	0.5	3.33	2.58 No	0.304 Thermal Discharging
SOU081	306	'6711157_/_6711154'		1.27	3.33	3.33	0.304	0.5	3.33	2.58 No	0.304 Thermal Discharging
SOU081	307	'6710940_/_6710950_1'		1.27	3.33	3.33	0.304	0.5	3.33	2.58 No	0.304 Thermal Discharging
SOU081	308	'6709346_/_6709358'		2.47	6.67	6.67	0.608	1.1	6.67	5.16 No	0.608 Thermal Discharging
SOU081	309	'6731048_/_6731062'		2.9	10	10	0.912	2.3	10	7.74 No	0.912 Thermal Discharging
SOU081	310	'6710953_/_6710950_2'		1.2	3.33	3.33	0.304	0.5	3.33	2.58 No	0.304 Thermal Discharging
SOU081	311	'6711115_/_6711112'		1.23	3.33	3.33	0.304	0.5	3.33	2.58 No	0.304 Thermal Discharging
SOU081	312	'6711173_/_6711170'		1.17	3.33	3.33	0.304	0.5	3.33	2.58 No	0.304 Thermal Discharging
SOU081	313	'6711128_/_6711125'		1.17	3.33	3.33	0.304	0.5	3.33	2.58 No	0.304 Thermal Discharging
SOU081	314	'43973437_/_6709931'		1.17	3.33	3.33	0.304	0.53	3.33	2.58 No	0.304 Thermal Discharging
SOU081	315	'6731031_/_6731045'		2.7	10	10	0.912	2.3	10	7.74 No	0.912 Thermal Discharging
SOU081	316	'6709345_/_43973103'		2.27	6.67	6.67	0.608	1.1	6.67	5.16 No	0.608 Thermal Discharging
SOU081	317	'6710969_/_6710966'		1.13	3.33	3.33	0.304	0.5	3.33	2.58 No	0.304 Thermal Discharging
SOU081	318	'580303543_/_580303540'		1.13	3.33	3.33	0.304	0.5	3.33	2.58 No	0.304 Thermal Discharging
SOU081	319	'43977926_/_43977928'		2.6	10	10	0.912	2.3	10	7.74 No	0.912 Thermal Discharging
SOU081	320	'6711225_/_6711222'		1.07	3.33	3.33	0.304	0.5	3.33	2.58 No	0.304 Thermal Discharging
SOU081	321	'6709604_/_6709614'		1.07	3.33	3.33	0.304	0.53	3.33	2.58 No	0.304 Thermal Discharging
SOU081	322	'6711186_/_6711183'		1.07	3.33	3.33	0.304	0.5	3.33	2.58 No	0.304 Thermal Discharging
SOU081	323	'88113501_/_6709343'		2.07	6.67	6.67	0.608	1.1	6.67	5.16 No	0.608 Thermal Discharging
SOU081	324	'43977912_/_6731207'		2.5	10	10	0.912	2.3	10	7.74 No	0.912 Thermal Discharging
SOU081	325	'580303559_/_580303556'		1.03	3.33	3.33	0.304	0.5	3.33	2.58 No	0.304 Thermal Discharging
SOU081	326	'43973745_/_6711235'		1.03	3.33	3.33	0.304	0.5	3.33	2.58 No	0.304 Thermal Discharging
SOU081	327	'6731210_/_8095484_2'		2.5	10	10	0.912	2.3	10	7.74 No	0.912 Thermal Discharging
SOU081	328	'6711199_/_6711196'		0.97	3.33	3.33	0.304	0.5	3.33	2.58 No	0.304 Thermal Discharging
SOU081	329	'6709603_/_43973239'		0.97	3.33	3.33	0.304	0.53	3.33	2.58 No	0.304 Thermal Discharging
SOU081	330	'6711251_/_6711248'		0.97	3.33	3.33	0.304	0.5	3.33	2.58 No	0.304 Thermal Discharging
SOU081	331	'8095486_/_8095484_1'		2.2	10	10	0.912	1.5	10	7.74 No	0.912 Thermal Discharging
SOU081	332	'6711212_/_6711209'		0.9	3.33	3.33	0.304	0.5	3.33	2.58 No	0.304 Thermal Discharging
SOU081	333	'6711264_/_6711261'		0.9	3.33	3.33	0.304	0.5	3.33	2.58 No	0.304 Thermal Discharging
SOU081	334	'43973800_/_6711650'		0.87	3.33	3.33	0.304	0.5	3.33	2.58 No	0.304 Thermal Discharging
SOU081	335	'6711277_/_6711274'		0.83	3.33	3.33	0.304	0.5	3.33	2.58 No	0.304 Thermal Discharging
SOU081	336	'6711503_/_6711500'		0.8	3.33	3.33	0.304	0.5	3.33	2.58 No	0.304 Thermal Discharging
SOU081	337	'6711516_/_6711513'		0.77	3.33	3.33	0.304	0.5	3.33	2.58 No	0.304 Thermal Discharging
SOU081	338	'118969996_/_6711526'		0.73	3.33	3.33	0.304	0.5	3.33	2.58 No	0.304 Thermal Discharging
SOU081	339	'118969940_/_118969937'		0.7	3.33	3.33	0.304	0.5	3.33	2.58 No	0.304 Thermal Discharging
SOU082	0	'SOU082_/_9039331'		10	10	10	2.05	10	10	10 No	2.05 Thermal Discharging
SOU082	1	'9039333_/_9039331'		10	10	10	2.05	10	10	4.76 No	2.05 Thermal Discharging
SOU082	2	'7773413_/_9667794'		10	10	10	2.05	10	10	4.76 No	2.05 Thermal Discharging
SOU082	3	'7773414_/_7773411'		10	10	10	2.05	10	10	4.76 No	2.05 Thermal Discharging
SOU082	4	'9353493_/_9353490'		10	10	10	2.05	10	10	4.76 No	2.05 Thermal Discharging
SOU082	5	'9353653_/_9353710'		10	10	10	2.05	10	10	4.76 No	2.05 Thermal Discharging
SOU082	6	'9353652_/_9353650'		10	10	10	2.05	10	10	4.76 No	2.05 Thermal Discharging
SOU082	7	'7773174_/_9667554'		10	10	10	2.05	10	10	4.76 No	2.05 Thermal Discharging
SOU082	8	'7773154_/_7773171'		10	10	10	2.05	10	10	4.76 No	2.05 Thermal Discharging
SOU082	9	'7773153_/_7773151'		10	10	10	2.05	10	10	4.76 No	2.05 Thermal Discharging
SOU082	10	'7773114_/_8094226'		10	10	10	2.05	10	10	4.76 No	2.05 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SOU082	11	'7773113_7773111'	10		10	10	2.05	10	10	4.76 No	2.05 Thermal Discharging
SOU082	12	'7789452_9353590'	10		10	10	2.05	10	10	4.76 No	2.05 Thermal Discharging
SOU082	13	'7789451_7789449'	10		10	10	2.05	10	10	4.76 No	2.05 Thermal Discharging
SOU082	14	'9039845_9039843'	10		10	10	2.05	10	10	4.76 No	2.05 Thermal Discharging
SOU082	15	'8095189_9039863'	10		10	10	2.05	10	10	4.76 No	2.05 Thermal Discharging
SOU082	16	'8095188_8095186'	10		10	10	2.05	10	10	4.76 No	2.05 Thermal Discharging
SOU082	17	'7773705_8095226'	10		10	10	2.05	10	10	4.76 No	2.05 Thermal Discharging
SOU082	18	'7773706_7773703'	10		10	10	2.05	10	10	4.76 No	2.05 Thermal Discharging
SOU082	19	'7459974_8403112'	10		10	10	2.05	10	10	4.76 No	2.05 Thermal Discharging
SOU082	20	'7459973_7459971'	10		10	10	2.05	10	10	4.76 No	2.05 Thermal Discharging
SOU082	21	'7773765_7773763'	10		10	10	2.05	10	10	4.76 No	2.05 Thermal Discharging
SOU082	22	'8095148_9668248'	10		10	10	2.05	10	10	4.76 No	2.05 Thermal Discharging
SOU082	23	'7460197_8095146'	10		10	10	2.05	10	10	4.76 No	2.05 Thermal Discharging
SOU082	24	'7460198_7460195'	10		10	10	2.05	10	10	4.76 No	2.05 Thermal Discharging
SOU082	25	'8094835_8094832'	10		10	10	2.05	10	10	4.76 No	2.05 Thermal Discharging
SOU082	26	'7460098_9668108'	10		10	10	2.05	10	10	4.76 No	2.05 Thermal Discharging
SOU082	27	'7460097_53593624'	10		10	10	2.05	10	10	4.76 No	2.05 Thermal Discharging
SOU082	28	'7460158_7773963'	10		10	10	2.05	10	10	4.76 No	2.05 Thermal Discharging
SOU082	29	'7460157_7460155'	10		10	10	2.05	10	10	4.76 No	2.05 Thermal Discharging
SOU082	30	'8422788_8719568'	10		10	10	2.05	10	10	4.76 No	2.05 Thermal Discharging
SOU082	31	'7785390_53593587'	10		10	10	2.05	10	10	4.76 No	2.05 Thermal Discharging
SOU082	32	'7785389_7785387'	10		10	10	2.05	10	10	4.76 No	2.05 Thermal Discharging
SOU082	33	'8733909_9051245'	10		10	10	2.05	10	10	4.76 No	2.05 Thermal Discharging
SOU082	34	'7474075_8733906'	10		10	10	2.05	10	10	4.76 No	2.05 Thermal Discharging
SOU082	35	'7474074_7474072'	10		10	10	2.05	10	10	4.76 No	2.05 Thermal Discharging
SOU082	36	'532506423_532506361'	10		10	10	2.05	10	10	4.76 No	2.05 Thermal Discharging
SOU082	37	'532505988_532506691'	10		10	10	2.05	10	10	4.76 No	2.05 Thermal Discharging
SOU082	38	'532505888_532506069'	10		10	10	2.05	10	10	4.76 No	2.05 Thermal Discharging
SOU082	39	'532505623_532505866'	10		10	10	2.05	10	10	4.76 No	2.05 Thermal Discharging
SOU082	40	'7785290_9679148'	10		10	10	2.05	10	10	4.76 No	2.05 Thermal Discharging
SOU082	41	'7785289_7785287'	10		10	10	2.05	10	10	4.76 No	2.05 Thermal Discharging
SOU082	42	'9370132_9679188'	10		10	10	2.05	10	10	4.76 No	2.05 Thermal Discharging
SOU082	43	'8404906_9370130'	10		10	10	2.05	10	10	4.76 No	2.05 Thermal Discharging
SOU082	44	'8404907_8404904'	10		10	10	2.05	10	10	4.76 No	2.05 Thermal Discharging
SOU082	45	'9041247_9355342'	10		10	10	2.05	10	10	4.76 No	2.05 Thermal Discharging
SOU082	46	'9041248_9041245'	10		10	10	2.05	10	10	4.76 No	2.05 Thermal Discharging
SOU082	47	'7461569_9344640'	10		10	10	2.05	10	10	4.76 No	2.05 Thermal Discharging
SOU082	48	'7461570_7461567'	10		10	10	2.05	10	10	4.76 No	2.05 Thermal Discharging
SOU082	49	'8096568_8404724'	10		10	10	2.05	10	10	4.76 No	2.05 Thermal Discharging
SOU082	50	'7775307_8096566'	10		10	10	2.05	10	10	4.76 No	2.05 Thermal Discharging
SOU082	51	'7775308_7775305'	10		10	10	2.05	10	10	4.76 No	2.05 Thermal Discharging
SOU082	52	'7461810_9344680'	10		10	10	2.05	10	10	4.76 No	2.05 Thermal Discharging
SOU082	53	'7461809_7461807'	10		10	10	2.05	10	10	4.76 No	2.05 Thermal Discharging
SOU082	54	'9669777_9669774'	10		10	10	2.05	10	10	4.76 No	2.05 Thermal Discharging
SOU082	55	'8097029_9669794'	10		10	10	2.05	10	10	4.76 No	2.05 Thermal Discharging
SOU082	56	'8097028_8097026'	10		10	10	2.05	10	10	4.76 No	2.05 Thermal Discharging
SOU082	57	'8096449_9355402'	10		10	10	2.05	10	10	4.76 No	2.05 Thermal Discharging
SOU082	58	'8096448_8096446'	10		10	10	2.05	10	10	4.76 No	2.05 Thermal Discharging
SOU082	59	'8096469_8096466'	10		10	10	2.05	10	10	4.76 No	2.05 Thermal Discharging
SOU082	60	'9041106_9669394'	10		10	10	2.05	10	10	4.76 No	2.05 Thermal Discharging
SOU082	61	'8404627_9041103'	10		10	10	2.05	10	10	4.76 No	2.05 Thermal Discharging
SOU082	62	'8404626_8404624'	10		10	10	2.05	10	10	4.76 No	2.05 Thermal Discharging
SOU082	63	'8404647_8404644'	10		10	10	2.05	10	10	4.76 No	2.05 Thermal Discharging
SOU082	64	'8723776_9344580'	10		10	10	2.05	10	10	4.76 No	2.05 Thermal Discharging
SOU082	65	'7775227_8723774'	10		10	10	2.05	10	10	4.76 No	2.05 Thermal Discharging
SOU082	66	'8096508_8096506'	10		10	10	2.05	10	10	4.76 No	2.05 Thermal Discharging
SOU082	67	'7775228_7775225'	10		10	10	2.05	10	10	4.76 No	2.05 Thermal Discharging
SOU082	68	'8723756_8723754'	10		10	10	2.05	10	10	4.76 No	2.05 Thermal Discharging
SOU082	69	'7775248_7775245'	10		10	10	2.05	10	10	4.76 No	2.05 Thermal Discharging
SOU082	70	'8096529_8096526'	10		10	10	2.05	10	10	4.76 No	2.05 Thermal Discharging
SOU082	71	'9344562_9344560'	10		10	10	2.05	10	10	4.76 No	2.05 Thermal Discharging
SOU082	72	'7775971_8739496'	10		10	10	2.05	10	10	4.76 No	2.05 Thermal Discharging
SOU082	73	'9669417_9669434'	10		10	10	2.05	7.6	10	4.76 No	2.05 Thermal Discharging
SOU082	74	'715379496_715379072_1'	10		10	10	2.05	10	10	4.76 No	2.05 Thermal Discharging
SOU082	75	'6819272_715379072_2'	10		10	10	2.05	10	10	4.76 No	2.05 Thermal Discharging
SOU082	76	'6807270_6819357'	10		10	10	2.05	10	10	4.76 No	2.05 Thermal Discharging
SOU082	77	'6819255_6819269'	10		10	10	2.05	10	10	4.76 No	2.05 Thermal Discharging
SOU082	78	'43996786_6819374'	10		10	10	2.05	10	10	4.76 No	2.05 Thermal Discharging
SOU082	79	'8096489_9669414'	10		10	10	2.05	7.6	10	4.76 No	2.05 Thermal Discharging
SOU082	80	'6817176_6817173_1'	10		10	10	2.05	1.5	10	4.76 No	1.5 Element Fault
SOU082	81	'6819394_43996788'	10		10	10	2.05	10	10	4.76 No	2.05 Thermal Discharging
SOU082	82	'6807271_6807268'	10		10	10	2.05	10	10	4.76 No	2.05 Thermal Discharging
SOU082	83	'6819238_6819252'	10		10	10	2.05	10	10	4.76 No	2.05 Thermal Discharging
SOU082	84	'43996799_6819408'	10		10	10	2.05	10	10	4.76 No	2.05 Thermal Discharging
SOU082	85	'6819237_6819235'	10		10	10	2.05	10	10	4.76 No	2.05 Thermal Discharging
SOU082	86	'448398955_448398903'	3.07		6.67	6.67	1.37	1	6.67	3.17 No	1 Element Fault
SOU082	87	'43997044_6807288'	10		10	10	2.05	10	10	4.76 No	2.05 Thermal Discharging
SOU082	88	'88079807_6807305'	10		10	10	2.05	10	10	4.76 No	2.05 Thermal Discharging
SOU082	89	'6807308_88079811'	10		10	10	2.05	10	10	4.76 No	2.05 Thermal Discharging
SOU082	90	'43996813_43996801'	10		10	10	2.05	10	10	4.76 No	2.05 Thermal Discharging
SOU082	91	'43997796_43997798'	10		10	10	2.05	10	10	4.76 No	2.05 Thermal Discharging
SOU082	92	'88079840_88990255_3'	10		10	10	2.05	10	10	4.76 No	2.05 Thermal Discharging
SOU082	93	'8096488_8096486'	10		10	10	2.05	7.6	10	4.76 No	2.05 Thermal Discharging
SOU082	94	'6819448_6819445'	10		10	10	2.05	10	10	4.76 No	2.05 Thermal Discharging
SOU082	95	'43997783_43997785'	10		10	10	2.05	10	10	4.76 No	2.05 Thermal Discharging
SOU082	96	'6820007_6820004'	10		10	10	2.05	10	10	4.76 No	2.05 Thermal Discharging
SOU082	97	'50608461_50608438'	10		10	10	2.05	4.5	10	4.76 No	2.05 Thermal Discharging
SOU082	98	'6820492_6820506'	10		10	10	2.05	10	10	4.76 No	2.05 Thermal Discharging
SOU082	99	'43996826_6820021'	10		10	10	2.05	10	10	4.76 No	2.05 Thermal Discharging
SOU082	100	'50579701_633175811_2'	10		10	10	2.05	10	10	4.76 No	2.05 Thermal Discharging
SOU082	101	'43995686_6820371'	10		10	10	2.05	4.6	10	4.76 No	2.05 Thermal Discharging
SOU082	102	'43996874_6807417'	10		10	10	2.05	4.2	10	4.76 No	2.05 Thermal Discharging
SOU082	103	'633175807_633175811_1'	10		10	10	2.05	10	10	4.76 No	2.05 Thermal Discharging
SOU082	104	'6820292_6820489'	10		10	10	2.05	10	10	4.76 No	2.05 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SOU082	105	'633176165_/633176098_1'	10	10	10	2.05	10	10	4.76 No	2.05	Thermal Discharging
SOU082	106	'6819465_/43996828'	10	10	10	2.05	10	10	4.76 No	2.05	Thermal Discharging
SOU082	107	'448399238_/448398487_2'	10	10	10	2.05	4.6	10	4.76 No	2.05	Thermal Discharging
SOU082	108	'6807420_/8097454_2'	10	10	10	2.05	4.2	10	4.76 No	2.05	Thermal Discharging
SOU082	109	'6820293_/6820303_1'	3.33	3.33	3.33	0.68	0.4	3.33	1.59 No	0.4	Element Fault
SOU082	110	'6820458_/6820472'	10	10	10	2.05	10	10	4.76 No	2.05	Thermal Discharging
SOU082	111	'6807215_/6819479'	10	10	10	2.05	10	10	4.76 No	2.05	Thermal Discharging
SOU082	112	'6820263_/6820455'	10	10	10	2.05	10	10	4.76 No	2.05	Thermal Discharging
SOU082	113	'133583767_/88990255_2'	10	10	10	2.05	2.7	10	4.76 No	2.05	Thermal Discharging
SOU082	114	'111197627_/88990255_1'	10	10	10	2.05	1.9	10	4.76 No	1.9	Element Fault
SOU082	115	'6819499_/6819496'	10	10	10	2.05	10	10	4.76 No	2.05	Thermal Discharging
SOU082	116	'9344523_/9344540'	10	10	10	2.05	7.6	10	4.76 No	2.05	Thermal Discharging
SOU082	117	'585767710_/6820261_1'	3.33	3.33	3.33	0.68	0.5	3.33	1.59 No	0.5	Element Fault
SOU082	118	'6820424_/6820438'	10	10	10	2.05	10	10	4.76 No	2.05	Thermal Discharging
SOU082	119	'448398786_/448398487_1'	10	10	10	2.05	1.5	10	4.76 No	1.5	Element Fault
SOU082	120	'6819516_/6819513'	10	10	10	2.05	10	10	4.76 No	2.05	Thermal Discharging
SOU082	121	'8097456_/8097454_1'	10	10	10	2.05	1.4	10	4.76 No	1.4	Element Fault
SOU082	122	'6820248_/6820421'	10	10	10	2.05	10	10	4.76 No	2.05	Thermal Discharging
SOU082	123	'6807325_/6807322'	3.33	3.33	3.33	0.68	1.4	3.33	1.59 No	0.68	Thermal Discharging
SOU082	124	'43996850_/6819530'	10	10	10	2.05	10	10	4.76 No	2.05	Thermal Discharging
SOU082	125	'6807553_/6807550'	10	10	10	2.05	1.9	10	4.76 No	1.9	Element Fault
SOU082	126	'43997820_/6820261_2'	3.33	3.33	3.33	0.68	0.5	3.33	1.59 No	0.5	Element Fault
SOU082	127	'88990720_/111197629'	10	10	10	2.05	1.9	10	4.76 No	1.9	Element Fault
SOU082	128	'6819221_/6820623'	10	10	10	2.05	10	10	4.76 No	2.05	Thermal Discharging
SOU082	129	'9344522_/9344520'	10	10	10	2.05	7.6	10	4.76 No	2.05	Thermal Discharging
SOU082	130	'6820306_/6820303_2'	3.33	3.33	3.33	0.68	0.4	3.33	1.59 No	0.4	Element Fault
SOU082	131	'6819550_/43996852'	10	10	10	2.05	10	10	4.76 No	2.05	Thermal Discharging
SOU082	132	'6820235_/6820232_2'	3.33	3.33	3.33	0.68	1.1	3.33	1.59 No	0.68	Thermal Discharging
SOU082	133	'9669696_/9669694'	10	10	10	2.05	7.6	10	4.76 No	2.05	Thermal Discharging
SOU082	134	'6819570_/6819567'	10	10	10	2.05	10	10	4.76 No	2.05	Thermal Discharging
SOU082	135	'6819204_/6819218'	10	10	10	2.05	10	10	4.76 No	2.05	Thermal Discharging
SOU082	136	'6819587_/6819584'	10	10	10	2.05	10	10	4.76 No	2.05	Thermal Discharging
SOU082	137	'585768655_/6817173_2'	10	10	10	2.05	1.5	10	4.76 No	1.5	Element Fault
SOU082	138	'8097009_/9669834'	9.8	10	10	2.05	7.6	10	4.76 No	2.05	Thermal Discharging
SOU082	139	'43997057_/6819601'	10	10	10	2.05	10	10	4.76 No	2.05	Thermal Discharging
SOU082	140	'6814370_/6819201'	10	10	10	2.05	10	10	4.76 No	2.05	Thermal Discharging
SOU082	141	'6819621_/6819618'	10	10	10	2.05	10	10	4.76 No	2.05	Thermal Discharging
SOU082	142	'6807570_/6807567'	10	10	10	2.05	1.9	10	4.76 No	1.9	Element Fault
SOU082	143	'6819170_/6819184'	10	10	10	2.05	10	10	4.76 No	2.05	Thermal Discharging
SOU082	144	'6819638_/6819635'	10	10	10	2.05	10	10	4.76 No	2.05	Thermal Discharging
SOU082	145	'746467816_/6814354_2'	3.33	3.33	3.33	0.68	1.4	3.33	1.59 No	0.68	Thermal Discharging
SOU082	146	'6807216_/6807213_1'	3.33	3.33	3.33	0.68	0.5	3.33	1.59 No	0.5	Element Fault
SOU082	147	'6819153_/6819167'	10	10	10	2.05	10	10	4.76 No	2.05	Thermal Discharging
SOU082	148	'346989464_/346989390_1'	3.33	3.33	3.33	0.68	1.1	3.33	1.59 No	0.68	Thermal Discharging
SOU082	149	'96448913_/6820319'	3.33	3.33	3.33	0.68	0.4	3.33	1.59 No	0.4	Element Fault
SOU082	150	'43997070_/6820107'	10	10	10	2.05	10	10	4.76 No	2.05	Thermal Discharging
SOU082	151	'448398899_/448398686'	4.7	10	10	2.05	1.5	10	4.76 No	1.5	Element Fault
SOU082	152	'6817175_/391581312'	6.67	6.67	6.67	1.37	1	6.67	3.17 No	1	Element Fault
SOU082	153	'43996839_/6807213_2'	3.33	3.33	3.33	0.68	0.5	3.33	1.59 No	0.5	Element Fault
SOU082	154	'6819136_/6819150'	10	10	10	2.05	10	10	4.76 No	2.05	Thermal Discharging
SOU082	155	'6820110_/6820983_1'	10	10	10	2.05	10	10	4.76 No	2.05	Thermal Discharging
SOU082	156	'43995664_/6814354_1'	3.33	3.33	3.33	0.68	0.5	3.33	1.59 No	0.5	Element Fault
SOU082	157	'43997880_/6820983_2'	10	10	10	2.05	10	10	4.76 No	2.05	Thermal Discharging
SOU082	158	'6819119_/6819133'	10	10	10	2.05	10	10	4.76 No	2.05	Thermal Discharging
SOU082	159	'8097008_/8097006'	10	10	10	2.05	10	10	4.76 No	2.05	Thermal Discharging
SOU082	160	'6820234_/6820232_1'	3.33	3.33	3.33	0.68	0.5	3.33	1.59 No	0.5	Element Fault
SOU082	161	'448398468_/448398959'	4.7	10	10	2.05	1.5	10	4.76 No	1.5	Element Fault
SOU082	162	'6819654_/6820966'	10	10	10	2.05	10	10	4.76 No	2.05	Thermal Discharging
SOU082	163	'6819102_/6819116'	10	10	10	2.05	10	10	4.76 No	2.05	Thermal Discharging
SOU082	164	'715379302_/715378859_1'	10	10	10	2.05	10	10	4.76 No	2.05	Thermal Discharging
SOU082	165	'89384028_/91170312'	10	10	10	2.05	10	10	4.76 No	2.05	Thermal Discharging
SOU082	166	'6815598_/6820274'	3.33	3.33	3.33	0.68	0.5	3.33	1.59 No	0.5	Element Fault
SOU082	167	'350572468_/75201276_1'	10	10	10	2.05	1.6	10	4.76 No	1.6	Element Fault
SOU082	168	'6814337_/6819099'	10	10	10	2.05	10	10	4.76 No	2.05	Thermal Discharging
SOU082	169	'6814336_/486544888_2'	10	10	10	2.05	5.1	10	4.76 No	2.05	Thermal Discharging
SOU082	170	'746467826_/346989390_2'	3.33	3.33	3.33	0.68	0.5	3.33	1.59 No	0.5	Element Fault
SOU082	171	'6814385_/6819079'	10	10	10	2.05	10	10	4.76 No	2.05	Thermal Discharging
SOU082	172	'8097377_/448398513'	4.7	10	10	2.05	1.5	10	4.76 No	1.5	Element Fault
SOU082	173	'585237854_/6819042'	10	10	10	2.05	10	10	4.76 No	2.05	Thermal Discharging
SOU082	174	'6814386_/6814400_1'	10	10	10	2.05	1.7	10	4.76 No	1.7	Element Fault
SOU082	175	'43997757_/6824938'	10	10	10	2.05	1.9	10	4.76 No	1.9	Element Fault
SOU082	176	'75201211_/75201276_2'	10	10	10	2.05	1.6	10	4.76 No	1.6	Element Fault
SOU082	177	'484314490_/486544888_1'	10	10	10	2.05	2	10	4.76 No	2	Element Fault
SOU082	178	'273600506_/6817209'	3.17	3.33	3.33	0.68	0.5	3.33	1.59 No	0.5	Element Fault
SOU082	179	'6814403_/6814400_2'	10	10	10	2.05	1.7	10	4.76 No	1.7	Element Fault
SOU082	180	'346989393_/346989390_3'	3.33	3.33	3.33	0.68	0.5	3.33	1.59 No	0.5	Element Fault
SOU082	181	'715378642_/715378859_2'	10	10	10	2.05	10	10	4.76 No	2.05	Thermal Discharging
SOU082	182	'715379647_/715378640'	10	10	10	2.05	10	10	4.76 No	2.05	Thermal Discharging
SOU082	183	'715378636_/715378634'	10	10	10	2.05	10	10	4.76 No	2.05	Thermal Discharging
SOU082	184	'715378648_/715378646'	10	10	10	2.05	10	10	4.76 No	2.05	Thermal Discharging
SOU082	185	'715378654_/715378652'	10	10	10	2.05	10	10	4.76 No	2.05	Thermal Discharging
SOU082	186	'6810764_/6817575'	3.33	3.33	3.33	0.68	0.5	3.33	1.59 No	0.5	Element Fault
SOU082	187	'124316731_/6820929'	10	10	10	2.05	2	10	4.76 No	2	Element Fault
SOU082	188	'6807229_/43996841'	3.33	3.33	3.33	0.68	0.5	3.33	1.59 No	0.5	Element Fault
SOU082	189	'6817160_/6817158'	6.2	6.67	6.67	1.37	1	6.67	3.17 No	1	Element Fault
SOU082	190	'6820410_/43994457'	3.33	3.33	3.33	0.68	0.5	3.33	1.59 No	0.5	Element Fault
SOU082	191	'6820361_/6820358'	3.33	3.33	3.33	0.68	0.4	3.33	1.59 No	0.4	Element Fault
SOU082	192	'70350754_/715378888'	10	10	10	2.05	10	10	4.76 No	2.05	Thermal Discharging
SOU082	193	'6810765_/6810762'	3.33	3.33	3.33	0.68	0.5	3.33	1.59 No	0.5	Element Fault
SOU082	194	'6820775_/155911120'	10	10	10	2.05	2	10	4.76 No	2	Element Fault
SOU082	195	'6820335_/43997844'	3.33	3.33	3.33	0.68	0.4	3.33	1.59 No	0.4	Element Fault
SOU082	196	'715378782_/715378836'	10	10	10	2.05	10	10	4.76 No	2.05	Thermal Discharging
SOU082	197	'6815599_/43995960'	3.33	3.33	3.33	0.68	0.5	3.33	1.59 No	0.5	Element Fault
SOU082	198	'43995710_/6814417'	10	10	10	2.05	1.7	10	4.76 No	1.7	Element Fault

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Over-Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SOU082	199	'6817243_/_43998001'		2.9	3.33	3.33	0.68	0.5	3.33	1.59 No	0.5 Element Fault
SOU082	200	'6810778_/_6810775'		3.33	3.33	3.33	0.68	0.5	3.33	1.59 No	0.5 Element Fault
SOU082	201	'6820898_/_6820912'		10	10	10	2.05	2	10	4.76 No	2 Element Fault
SOU082	202	'120052567_/_6820772'		10	10	10	2.05	2	10	4.76 No	2 Element Fault
SOU082	203	'6807242_/_6807239'		3.27	3.33	3.33	0.68	0.5	3.33	1.59 No	0.5 Element Fault
SOU082	204	'346989408_/_346989406'		3.33	3.33	3.33	0.68	0.5	3.33	1.59 No	0.5 Element Fault
SOU082	205	'585769282_/_346989420'		3.33	3.33	3.33	0.68	0.5	3.33	1.59 No	0.5 Element Fault
SOU082	206	'6814916_/_6814914_1'		3.33	3.33	3.33	0.68	0.5	3.33	1.59 No	0.5 Element Fault
SOU082	207	'43995903_/_6814914_2'		3.33	3.33	3.33	0.68	0.5	3.33	1.59 No	0.5 Element Fault
SOU082	208	'6807592_/_43997759'		8.7	10	10	2.05	1.9	10	4.76 No	1.9 Element Fault
SOU082	209	'6810791_/_6810788'		3.33	3.33	3.33	0.68	0.5	3.33	1.59 No	0.5 Element Fault
SOU082	210	'6815335_/_6815350'		3.4	6.67	6.67	0.23	2.4	6.67	3.17 No	0.23 Thermal Discharging
SOU082	211	'6820600_/_6820597'		3	3.33	3.33	0.68	0.4	3.33	1.59 No	0.4 Element Fault
SOU082	212	'43995723_/_43995712'		10	10	10	2.05	1.7	10	4.76 No	1.7 Element Fault
SOU082	213	'6820878_/_6820895'		10	10	10	2.05	2	10	4.76 No	2 Element Fault
SOU082	214	'273506991_/_273507010'		8.3	10	10	2.05	1.4	10	4.76 No	1.4 Element Fault
SOU082	215	'6810917_/_6817544'		5.33	6.67	6.67	1.37	1	6.67	3.17 No	1 Element Fault
SOU082	216	'6814454_/_43995725'		10	10	10	2.05	1.7	10	4.76 No	1.7 Element Fault
SOU082	217	'6820877_/_6820875'		10	10	10	2.05	2	10	4.76 No	2 Element Fault
SOU082	218	'38694014_/_621708768'		10	10	10	2.05	2	10	4.76 No	2 Element Fault
SOU082	219	'621708781_/_8724762_2'		10	10	10	2.05	2	10	4.76 No	2 Element Fault
SOU082	220	'43994488_/_6810801'		3.33	3.33	3.33	0.68	0.5	3.33	1.59 No	0.5 Element Fault
SOU082	221	'43994510_/_43994512'		2.6	3.33	3.33	0.68	0.5	3.33	1.59 No	0.5 Element Fault
SOU082	222	'70351013_/_6815332'		3.4	6.67	6.67	0.23	2.4	6.67	3.17 No	0.23 Thermal Discharging
SOU082	223	'7775991_/_715378790'		10	10	10	2.05	10	10	4.76 No	2.05 Thermal Discharging
SOU082	224	'43997809_/_6820345'		2.73	3.33	3.33	0.68	0.4	3.33	1.59 No	0.4 Element Fault
SOU082	225	'43997931_/_43995905'		3.33	3.33	3.33	0.68	0.5	3.33	1.59 No	0.5 Element Fault
SOU082	226	'7462461_/_7775989'		10	10	10	2.05	10	10	4.76 No	2.05 Thermal Discharging
SOU082	227	'43995736_/_6814471'		10	10	10	2.05	1.7	10	4.76 No	1.7 Element Fault
SOU082	228	'8724765_/_8724762_1'		10	10	10	2.05	0.9	10	4.76 No	0.9 Element Fault
SOU082	229	'410491366_/_410491245_1'		10	10	10	2.05	1.1	10	4.76 No	1.1 Element Fault
SOU082	230	'6825812_/_6825822_1'		3.33	3.33	3.33	0.68	0.5	3.33	1.59 No	0.5 Element Fault
SOU082	231	'7462441_/_7462459'		10	10	10	2.05	10	10	4.76 No	2.05 Thermal Discharging
SOU082	232	'585229482_/_6820946'		10	10	10	2.05	2	10	4.76 No	2 Element Fault
SOU082	233	'43996897_/_6807339'		2.77	3.33	3.33	0.68	0.5	3.33	1.59 No	0.5 Element Fault
SOU082	234	'43996908_/_6807352'		2.77	3.33	3.33	0.68	0.5	3.33	1.59 No	0.5 Element Fault
SOU082	235	'6815322_/_70351010'		3.4	6.67	6.67	0.23	2.3	6.67	3.17 No	0.23 Thermal Discharging
SOU082	236	'6810972_/_6810969'		2.47	3.33	3.33	0.68	0.5	3.33	1.59 No	0.5 Element Fault
SOU082	237	'6810817_/_43994490'		3.33	3.33	3.33	0.68	0.5	3.33	1.59 No	0.5 Element Fault
SOU082	238	'6807440_/_6807590'		7.5	10	10	2.05	1.9	10	4.76 No	1.9 Element Fault
SOU082	239	'7462442_/_7462439'		10	10	10	2.05	10	10	4.76 No	2.05 Thermal Discharging
SOU082	240	'6814497_/_6814494'		9.5	10	10	2.05	1.7	10	4.76 No	1.7 Element Fault
SOU082	241	'6820810_/_585229480'		9.4	10	10	2.05	2	10	4.76 No	2 Element Fault
SOU082	242	'136690935_/_43997811'		2.57	3.33	3.33	0.68	0.4	3.33	1.59 No	0.4 Element Fault
SOU082	243	'9670073_/_410491245_2'		9.7	10	10	2.05	1.1	10	4.76 No	1.1 Element Fault
SOU082	244	'6810932_/_6810930'		2.4	3.33	3.33	0.68	0.5	3.33	1.59 No	0.5 Element Fault
SOU082	245	'6810833_/_6810830'		3.33	3.33	3.33	0.68	0.5	3.33	1.59 No	0.5 Element Fault
SOU082	246	'393789334_/_6820808_1'		3.17	3.33	3.33	0.68	0.67	3.33	1.59 No	0.67 Element Fault
SOU082	247	'6810888_/_6810898'		2.43	3.33	3.33	0.68	0.5	3.33	1.59 No	0.5 Element Fault
SOU082	248	'746342775_/_6820808_2'		3.17	3.33	3.33	0.68	0.3	3.33	1.59 No	0.3 Element Fault
SOU082	249	'6820824_/_6820821'		9	10	10	2.05	2	10	4.76 No	2 Element Fault
SOU082	250	'589001079_/_589001083'		8.9	10	10	2.05	2	10	4.76 No	2 Element Fault
SOU082	251	'9041750_/_9670310'		10	10	10	2.05	10	10	4.76 No	2.05 Thermal Discharging
SOU082	252	'6814929_/_6825822_2'		3.17	3.33	3.33	0.68	0.5	3.33	1.59 No	0.5 Element Fault
SOU082	253	'6810985_/_6810982'		2.3	3.33	3.33	0.68	0.5	3.33	1.59 No	0.5 Element Fault
SOU082	254	'472845582_/_43995751'		8.6	10	10	2.05	1.7	10	4.76 No	1.7 Element Fault
SOU082	255	'581101170_/_581101140_1'		8.6	10	10	2.05	1.7	10	4.76 No	1.7 Element Fault
SOU082	256	'581101154_/_581101140_2'		8.6	10	10	2.05	1.7	10	4.76 No	1.7 Element Fault
SOU082	257	'142364299_/_9041747_1'		10	10	10	2.05	1.1	10	4.76 No	1.1 Element Fault
SOU082	258	'43996930_/_6807438'		6.9	10	10	2.05	1.9	10	4.76 No	1.9 Element Fault
SOU082	259	'6810846_/_6810843'		3.03	3.33	3.33	0.68	0.5	3.33	1.59 No	0.5 Element Fault
SOU082	260	'69568941_/_6820835'		8.4	10	10	2.05	2	10	4.76 No	2 Element Fault
SOU082	261	'8112139_/_762796808_3'		8.4	10	10	2.05	1.1	10	4.76 No	1.1 Element Fault
SOU082	262	'6814515_/_472845586'		5.73	6.67	6.67	1.37	1.13	6.67	3.17 No	1.13 Element Fault
SOU082	263	'6810618_/_6820808_3'		3.27	3.33	3.33	0.68	0.3	3.33	1.59 No	0.3 Element Fault
SOU082	264	'273600562_/_6819810'		2.23	3.33	3.33	0.68	0.5	3.33	1.59 No	0.5 Element Fault
SOU082	265	'746342705_/_762796808_2'		8.2	10	10	2.05	1.1	10	4.76 No	1.1 Element Fault
SOU082	266	'6807510_/_6807520'		2.43	3.33	3.33	0.68	0.5	3.33	1.59 No	0.5 Element Fault
SOU082	267	'6815527_/_6815539'		3.4	6.67	6.67	0.23	2.1	6.67	3.17 No	0.23 Thermal Discharging
SOU082	268	'6820864_/_6820862'		3.07	3.33	3.33	0.68	0.67	3.33	1.59 No	0.67 Element Fault
SOU082	269	'6807368_/_43996910'		2.43	3.33	3.33	0.68	0.5	3.33	1.59 No	0.5 Element Fault
SOU082	270	'6810859_/_6810885'		2.27	3.33	3.33	0.68	0.5	3.33	1.59 No	0.5 Element Fault
SOU082	271	'6814930_/_6814927'		2.9	3.33	3.33	0.68	0.5	3.33	1.59 No	0.5 Element Fault
SOU082	272	'762796786_/_762796808_1'		7.6	10	10	2.05	0.9	10	4.76 No	0.9 Element Fault
SOU082	273	'6807497_/_6807507'		2.3	3.33	3.33	0.68	0.5	3.33	1.59 No	0.5 Element Fault
SOU082	274	'6810959_/_6810995'		2.1	3.33	3.33	0.68	0.5	3.33	1.59 No	0.5 Element Fault
SOU082	275	'69568956_/_43991612'		2.97	3.33	3.33	0.68	0.67	3.33	1.59 No	0.67 Element Fault
SOU082	276	'6807381_/_6807378'		2.3	3.33	3.33	0.68	0.5	3.33	1.59 No	0.5 Element Fault
SOU082	277	'43994499_/_43994501'		2.17	3.33	3.33	0.68	0.5	3.33	1.59 No	0.5 Element Fault
SOU082	278	'8112138_/_8112136'		7.3	10	10	2.05	0.9	10	4.76 No	0.9 Element Fault
SOU082	279	'6811140_/_6817511'		6.2	10	10	2.05	1.9	10	4.76 No	1.9 Element Fault
SOU082	280	'6807254_/_6817531'		2.03	3.33	3.33	0.68	0.5	3.33	1.59 No	0.5 Element Fault
SOU082	281	'6815509_/_6815524'		3.47	6.67	6.67	0.23	2.1	6.67	3.17 No	0.23 Thermal Discharging
SOU082	282	'6814943_/_6814940'		2.6	3.33	3.33	0.68	0.5	3.33	1.59 No	0.5 Element Fault
SOU082	283	'6819825_/_6819823'		2.03	3.33	3.33	0.68	0.5	3.33	1.59 No	0.5 Element Fault
SOU082	284	'6810619_/_6810616'		2.8	3.33	3.33	0.68	0.3	3.33	1.59 No	0.3 Element Fault
SOU082	285	'43996919_/_6807391'		2.17	3.33	3.33	0.68	0.5	3.33	1.59 No	0.5 Element Fault
SOU082	286	'6795440_/_6795467'		2.7	3.33	3.33	0.68	0.67	3.33	1.59 No	0.67 Element Fault
SOU082	287	'6807255_/_6807252'		2	3.33	3.33	0.68	0.5	3.33	1.59 No	0.5 Element Fault
SOU082	288	'8097376_/_8097374_2'		1.57	3.33	3.33	0.68	0.5	3.33	1.59 No	0.5 Element Fault
SOU082	289	'6810946_/_6810956'		1.97	3.33	3.33	0.68	0.5	3.33	1.59 No	0.5 Element Fault
SOU082	290	'273600524_/_8097374_1'		1.57	3.33	3.33	0.68	0.3	3.33	1.59 No	0.3 Element Fault
SOU082	291	'6817271_/_70351036_1'		1.8	3.33	3.33	0.68	0.4	3.33	1.59 No	0.4 Element Fault
SOU082	292	'6807496_/_6807494'		2.1	3.33	3.33	0.68	0.5	3.33	1.59 No	0.5 Element Fault

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Over-Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SOU082	293	'6811123_/_6811137'		5.8	10	10	2.05	1.9	10	4.76 No	1.9 Element Fault
SOU082	294	'6788349_/_7114744'		2	3.33	3.33	0.68	0.5	3.33	1.59 No	0.5 Element Fault
SOU082	295	'43997965_/_6825911'		2.4	3.33	3.33	0.68	0.5	3.33	1.59 No	0.5 Element Fault
SOU082	296	'43996014_/_43996016'		3.47	6.67	6.67	0.23	2.1	6.67	3.17 No	0.23 Thermal Discharging
SOU082	297	'6810945_/_6810943'		1.9	3.33	3.33	0.68	0.5	3.33	1.59 No	0.5 Element Fault
SOU082	298	'6810632_/_6810629'		2.53	3.33	3.33	0.68	0.3	3.33	1.59 No	0.3 Element Fault
SOU082	299	'585768608_/_6819794'		1.57	3.33	3.33	0.68	0.3	3.33	1.59 No	0.3 Element Fault
SOU082	300	'6817259_/_6817256_1'		1.7	3.33	3.33	0.12	1.2	3.33	1.59 No	0.12 Thermal Discharging
SOU082	301	'6795439_/_6795437'		2.47	3.33	3.33	0.68	0.67	3.33	1.59 No	0.67 Element Fault
SOU082	302	'6821975_/_43996888'		2	3.33	3.33	0.68	0.5	3.33	1.59 No	0.5 Element Fault
SOU082	303	'430902943_/_448398867'		1.67	3.33	3.33	0.68	0.5	3.33	1.59 No	0.5 Element Fault
SOU082	304	'6788336_/_6788346'		1.87	3.33	3.33	0.68	0.5	3.33	1.59 No	0.5 Element Fault
SOU082	305	'6815353_/_6817256_2'		1.67	3.33	3.33	0.12	1.2	3.33	1.59 No	0.12 Thermal Discharging
SOU082	306	'6807407_/_43996921'		1.97	3.33	3.33	0.68	0.5	3.33	1.59 No	0.5 Element Fault
SOU082	307	'6814955_/_43997967'		2.23	3.33	3.33	0.68	0.5	3.33	1.59 No	0.5 Element Fault
SOU082	308	'43994567_/_43994569'		5.3	10	10	2.05	1.9	10	4.76 No	1.9 Element Fault
SOU082	309	'6810697_/_6810694'		2.33	3.33	3.33	0.68	0.3	3.33	1.59 No	0.3 Element Fault
SOU082	310	'6815493_/_6815491'		3.47	6.67	6.67	0.23	2.1	6.67	3.17 No	0.23 Thermal Discharging
SOU082	311	'448398681_/_430902962'		1.53	3.33	3.33	0.68	0.5	3.33	1.59 No	0.5 Element Fault
SOU082	312	'6810645_/_6810642'		2.27	3.33	3.33	0.68	0.3	3.33	1.59 No	0.3 Element Fault
SOU082	313	'6788323_/_6788333'		1.77	3.33	3.33	0.68	0.5	3.33	1.59 No	0.5 Element Fault
SOU082	314	'6817319_/_6817316'		1.83	3.33	3.33	0.68	0.5	3.33	1.59 No	0.5 Element Fault
SOU082	315	'448398569_/_448399029'		1.57	3.33	3.33	0.68	0.5	3.33	1.59 No	0.5 Element Fault
SOU082	316	'6811089_/_6811103'		5	10	10	2.05	1.9	10	4.76 No	1.9 Element Fault
SOU082	317	'6810710_/_6810707'		2.2	3.33	3.33	0.68	0.3	3.33	1.59 No	0.3 Element Fault
SOU082	318	'43995914_/_6814953'		2.07	3.33	3.33	0.68	0.5	3.33	1.59 No	0.5 Element Fault
SOU082	319	'6819838_/_43996004'		3.33	6.67	6.67	0.23	2.1	6.67	3.17 No	0.23 Thermal Discharging
SOU082	320	'6817332_/_6817329'		1.8	3.33	3.33	0.68	0.5	3.33	1.59 No	0.5 Element Fault
SOU082	321	'43994466_/_6810655'		2.1	3.33	3.33	0.68	0.3	3.33	1.59 No	0.3 Element Fault
SOU082	322	'6810723_/_6810720'		2.1	3.33	3.33	0.68	0.3	3.33	1.59 No	0.3 Element Fault
SOU082	323	'6788322_/_43990843'		1.67	3.33	3.33	0.68	0.5	3.33	1.59 No	0.5 Element Fault
SOU082	324	'6810736_/_6810733'		2.03	3.33	3.33	0.68	0.3	3.33	1.59 No	0.3 Element Fault
SOU082	325	'6814969_/_43995916'		1.97	3.33	3.33	0.68	0.5	3.33	1.59 No	0.5 Element Fault
SOU082	326	'43994554_/_6811086'		4.7	10	10	2.05	1.9	10	4.76 No	1.9 Element Fault
SOU082	327	'6815309_/_6815319'		1.53	3.33	3.33	0.12	1.15	3.33	1.59 No	0.12 Thermal Discharging
SOU082	328	'6810671_/_6810668'		2	3.33	3.33	0.68	0.3	3.33	1.59 No	0.3 Element Fault
SOU082	329	'43997191_/_6817342'		1.67	3.33	3.33	0.68	0.5	3.33	1.59 No	0.5 Element Fault
SOU082	330	'6815560_/_43996039'		1.5	3.33	3.33	0.12	1	3.33	1.59 No	0.12 Thermal Discharging
SOU082	331	'6814982_/_6814979'		1.87	3.33	3.33	0.68	0.5	3.33	1.59 No	0.5 Element Fault
SOU082	332	'6815293_/_6815306'		1.5	3.33	3.33	0.12	1.15	3.33	1.59 No	0.12 Thermal Discharging
SOU082	333	'6810752_/_6810749'		1.93	3.33	3.33	0.68	0.3	3.33	1.59 No	0.3 Element Fault
SOU082	334	'6788826_/_7114783'		4.4	10	10	2.05	1.9	10	4.76 No	1.9 Element Fault
SOU082	335	'6810684_/_6810681'		1.9	3.33	3.33	0.68	0.3	3.33	1.59 No	0.3 Element Fault
SOU082	336	'6788843_/_6788853_1'		1.47	3.33	3.33	0.68	0.4	3.33	1.59 No	0.4 Element Fault
SOU082	337	'6817358_/_43997193'		1.6	3.33	3.33	0.68	0.5	3.33	1.59 No	0.5 Element Fault
SOU082	338	'6815277_/_6815290'		1.47	3.33	3.33	0.12	1.15	3.33	1.59 No	0.12 Thermal Discharging
SOU082	339	'6788856_/_6788853_2'		1.47	3.33	3.33	0.68	0.4	3.33	1.59 No	0.4 Element Fault
SOU082	340	'43995925_/_6814992'		1.77	3.33	3.33	0.68	0.5	3.33	1.59 No	0.5 Element Fault
SOU082	341	'43990956_/_43990958'		4.1	10	10	2.05	1.9	10	4.76 No	1.9 Element Fault
SOU082	342	'6817371_/_6817368'		1.5	3.33	3.33	0.68	0.5	3.33	1.59 No	0.5 Element Fault
SOU082	343	'6815442_/_6815439'		1.4	3.33	3.33	0.12	1.1	3.33	1.59 No	0.12 Thermal Discharging
SOU082	344	'6815251_/_6815274'		1.4	3.33	3.33	0.12	1	3.33	1.59 No	0.12 Thermal Discharging
SOU082	345	'6815416_/_6815426'		1.4	3.33	3.33	0.12	1	3.33	1.59 No	0.12 Thermal Discharging
SOU082	346	'6788872_/_6788869'		1.43	3.33	3.33	0.68	0.4	3.33	1.59 No	0.4 Element Fault
SOU082	347	'6788725_/_6788882'		1.43	3.33	3.33	0.68	0.4	3.33	1.59 No	0.4 Element Fault
SOU082	348	'6815008_/_43995927'		1.63	3.33	3.33	0.68	0.5	3.33	1.59 No	0.5 Element Fault
SOU082	349	'6817387_/_6817384'		1.43	3.33	3.33	0.68	0.5	3.33	1.59 No	0.5 Element Fault
SOU082	350	'6820156_/_7114770'		1.4	3.33	3.33	0.68	0.4	3.33	1.59 No	0.4 Element Fault
SOU082	351	'6788792_/_6788806'		3.9	10	10	2.05	1.9	10	4.76 No	1.9 Element Fault
SOU082	352	'6815238_/_6815248'		1.33	3.33	3.33	0.12	1	3.33	1.59 No	0.12 Thermal Discharging
SOU082	353	'43995991_/_6815452'		1.33	3.33	3.33	0.12	1.1	3.33	1.59 No	0.12 Thermal Discharging
SOU082	354	'6788712_/_6788722'		1.37	3.33	3.33	0.68	0.4	3.33	1.59 No	0.4 Element Fault
SOU082	355	'6815021_/_6815018'		1.6	3.33	3.33	0.68	0.5	3.33	1.59 No	0.5 Element Fault
SOU082	356	'43995980_/_43995982'		1.3	3.33	3.33	0.12	1	3.33	1.59 No	0.12 Thermal Discharging
SOU082	357	'6815156_/_6817495'		1.3	3.33	3.33	0.12	1	3.33	1.59 No	0.12 Thermal Discharging
SOU082	358	'6815225_/_6815235'		1.3	3.33	3.33	0.12	1	3.33	1.59 No	0.12 Thermal Discharging
SOU082	359	'43994543_/_6820154'		1.37	3.33	3.33	0.68	0.4	3.33	1.59 No	0.4 Element Fault
SOU082	360	'6815157_/_6815154'		1.3	3.33	3.33	0.12	1	3.33	1.59 No	0.12 Thermal Discharging
SOU082	361	'6788775_/_6788789'		3.7	10	10	2.05	1.9	10	4.76 No	1.9 Element Fault
SOU082	362	'43996081_/_6815031'		1.53	3.33	3.33	0.68	0.5	3.33	1.59 No	0.5 Element Fault
SOU082	363	'43990932_/_43990934'		1.33	3.33	3.33	0.68	0.4	3.33	1.59 No	0.4 Element Fault
SOU082	364	'6815212_/_6815222'		1.27	3.33	3.33	0.12	1	3.33	1.59 No	0.12 Thermal Discharging
SOU082	365	'6815468_/_43995993'		1.27	3.33	3.33	0.12	1	3.33	1.59 No	0.12 Thermal Discharging
SOU082	366	'6815170_/_6815167'		1.27	3.33	3.33	0.12	1	3.33	1.59 No	0.12 Thermal Discharging
SOU082	367	'6820170_/_6820167'		1.33	3.33	3.33	0.68	0.4	3.33	1.59 No	0.4 Element Fault
SOU082	368	'43990943_/_43990945'		3.6	10	10	2.05	1.9	10	4.76 No	1.9 Element Fault
SOU082	369	'6815387_/_6815400'		1.27	3.33	3.33	0.12	1	3.33	1.59 No	0.12 Thermal Discharging
SOU082	370	'6816009_/_43996083'		1.5	3.33	3.33	0.68	0.5	3.33	1.59 No	0.5 Element Fault
SOU082	371	'585229497_/_585229494'		1.27	3.33	3.33	0.12	1	3.33	1.59 No	0.12 Thermal Discharging
SOU082	372	'6815211_/_6815209'		1.27	3.33	3.33	0.12	1	3.33	1.59 No	0.12 Thermal Discharging
SOU082	373	'6815481_/_6815478'		1.23	3.33	3.33	0.12	1	3.33	1.59 No	0.12 Thermal Discharging
SOU082	374	'6788686_/_6788696'		1.27	3.33	3.33	0.68	0.4	3.33	1.59 No	0.4 Element Fault
SOU082	375	'6788741_/_6788755'		3.5	10	10	2.05	1.9	10	4.76 No	1.9 Element Fault
SOU082	376	'6820182_/_6820219'		1.3	3.33	3.33	0.68	0.4	3.33	1.59 No	0.4 Element Fault
SOU082	377	'43995969_/_6819851'		1.23	3.33	3.33	0.12	1	3.33	1.59 No	0.12 Thermal Discharging
SOU082	378	'6816022_/_6816019'		1.43	3.33	3.33	0.68	0.5	3.33	1.59 No	0.5 Element Fault
SOU082	379	'6820183_/_6820180'		1.3	3.33	3.33	0.68	0.4	3.33	1.59 No	0.4 Element Fault
SOU082	380	'6815374_/_6815384'		1.2	3.33	3.33	0.12	1	3.33	1.59 No	0.12 Thermal Discharging
SOU082	381	'43996379_/_6816601'		1.2	3.33	3.33	0.12	1	3.33	1.59 No	0.12 Thermal Discharging
SOU082	382	'6788673_/_6788683'		1.23	3.33	3.33	0.68	0.4	3.33	1.59 No	0.4 Element Fault
SOU082	383	'6815199_/_6819867'		1.2	3.33	3.33	0.12	1	3.33	1.59 No	0.12 Thermal Discharging
SOU082	384	'6788621_/_6788738'		3.4	10	10	2.05	1.9	10	4.76 No	1.9 Element Fault
SOU082	385	'43996989_/_6820193'		1.27	3.33	3.33	0.68	0.4	3.33	1.59 No	0.4 Element Fault
SOU082	386	'43990919_/_6788631'		3.3	10	10	2.05	1.9	10	4.76 No	1.9 Element Fault

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
				Deviation						VSR (MW)	Limiting Threshold
SOU082	387	'6816035_/_6816032'	1.37	3.33	3.33	0.68	0.5	3.33	1.59 No	0.5	Element Fault
SOU082	388	'6788634_/_254091260_1'	3.3	10	10	2.05	0.9	10	4.76 No	0.9	Element Fault
SOU082	389	'6816617_/_43996381'	1.17	3.33	3.33	0.12	1	3.33	1.59 No	0.12	Thermal Discharging
SOU082	390	'6788672_/_6788670'	1.2	3.33	3.33	0.68	0.4	3.33	1.59 No	0.4	Element Fault
SOU082	391	'6807458_/_6807455'	1.23	3.33	3.33	0.68	0.4	3.33	1.59 No	0.4	Element Fault
SOU082	392	'6815186_/_6815196'	1.17	3.33	3.33	0.12	1	3.33	1.59 No	0.12	Thermal Discharging
SOU082	393	'6788608_/_6788618'	1.13	3.33	3.33	0.68	0.63	3.33	1.59 No	0.63	Element Fault
SOU082	394	'6815373_/_6815371'	1.13	3.33	3.33	0.12	1	3.33	1.59 No	0.12	Thermal Discharging
SOU082	395	'254091255_/_254091260_2'	3.3	10	10	2.05	0.9	10	4.76 No	0.9	Element Fault
SOU082	396	'43996209_/_6816045'	1.33	3.33	3.33	0.68	0.5	3.33	1.59 No	0.5	Element Fault
SOU082	397	'6816630_/_6816627'	1.13	3.33	3.33	0.12	1	3.33	1.59 No	0.12	Thermal Discharging
SOU082	398	'6815185_/_6815183'	1.13	3.33	3.33	0.12	1	3.33	1.59 No	0.12	Thermal Discharging
SOU082	399	'6807610_/_6807607'	1.2	3.33	3.33	0.68	0.4	3.33	1.59 No	0.4	Element Fault
SOU082	400	'254091186_/_254091332'	3.2	10	10	2.05	0.9	10	4.76 No	0.9	Element Fault
SOU082	401	'6788592_/_6788605'	1.13	3.33	3.33	0.68	0.63	3.33	1.59 No	0.63	Element Fault
SOU082	402	'6819968_/_43996211'	1.27	3.33	3.33	0.68	0.5	3.33	1.59 No	0.5	Element Fault
SOU082	403	'43997000_/_6807620'	1.2	3.33	3.33	0.68	0.4	3.33	1.59 No	0.4	Element Fault
SOU082	404	'43997711_/_6819880'	1.1	3.33	3.33	0.12	1	3.33	1.59 No	0.12	Thermal Discharging
SOU082	405	'6788579_/_6788589'	1.13	3.33	3.33	0.68	0.63	3.33	1.59 No	0.63	Element Fault
SOU082	406	'9344603_/_9344600'	3.1	10	10	2.05	0.9	10	4.76 No	0.9	Element Fault
SOU082	407	'6807636_/_43997002'	1.17	3.33	3.33	0.68	0.4	3.33	1.59 No	0.4	Element Fault
SOU082	408	'6788656_/_6788654'	1.13	3.33	3.33	0.68	0.63	3.33	1.59 No	0.63	Element Fault
SOU082	409	'9041090_/_9344504_1'	1.13	3.33	3.33	0.68	0.3	3.33	1.59 No	0.3	Element Fault
SOU082	410	'6788537_/_6788576'	1.13	3.33	3.33	0.68	0.63	3.33	1.59 No	0.63	Element Fault
SOU082	411	'6816060_/_6819978'	1.23	3.33	3.33	0.68	0.5	3.33	1.59 No	0.5	Element Fault
SOU082	412	'6807649_/_6807646'	1.13	3.33	3.33	0.68	0.4	3.33	1.59 No	0.4	Element Fault
SOU082	413	'6789085_/_6789083'	1.13	3.33	3.33	0.68	0.63	3.33	1.59 No	0.63	Element Fault
SOU082	414	'6816642_/_43997713'	1.03	3.33	3.33	0.12	1	3.33	1.59 No	0.12	Thermal Discharging
SOU082	415	'6788420_/_6789096'	1.17	3.33	3.33	0.68	0.63	3.33	1.59 No	0.63	Element Fault
SOU082	416	'43996220_/_6816058'	1.2	3.33	3.33	0.68	0.5	3.33	1.59 No	0.5	Element Fault
SOU082	417	'6788524_/_6788534'	1.17	3.33	3.33	0.68	0.63	3.33	1.59 No	0.63	Element Fault
SOU082	418	'6788407_/_6788417'	1.17	3.33	3.33	0.68	0.63	3.33	1.59 No	0.63	Element Fault
SOU082	419	'6807662_/_6807659'	1.1	3.33	3.33	0.68	0.4	3.33	1.59 No	0.4	Element Fault
SOU082	420	'6816074_/_6816071'	1.17	3.33	3.33	0.68	0.5	3.33	1.59 No	0.5	Element Fault
SOU082	421	'9344507_/_9344504_2'	1.17	3.33	3.33	0.68	0.3	3.33	1.59 No	0.3	Element Fault
SOU082	422	'6816643_/_6816640'	1	3.33	3.33	0.12	1	3.33	1.59 No	0.12	Thermal Discharging
SOU082	423	'6788511_/_6788521'	1.17	3.33	3.33	0.68	0.63	3.33	1.59 No	0.63	Element Fault
SOU082	424	'451481248_/_6788508_2'	1.17	3.33	3.33	0.68	0.63	3.33	1.59 No	0.63	Element Fault
SOU082	425	'6807675_/_6807672'	1.1	3.33	3.33	0.68	0.4	3.33	1.59 No	0.4	Element Fault
SOU082	426	'43990863_/_43990865'	1.17	3.33	3.33	0.68	0.63	3.33	1.59 No	0.63	Element Fault
SOU082	427	'6788498_/_6788508_1'	1.17	3.33	3.33	0.68	0.3	3.33	1.59 No	0.3	Element Fault
SOU082	428	'43996231_/_6816084'	1.17	3.33	3.33	0.68	0.5	3.33	1.59 No	0.5	Element Fault
SOU082	429	'6807720_/_6807717'	1.1	3.33	3.33	0.68	0.4	3.33	1.59 No	0.4	Element Fault
SOU082	430	'6788550_/_6788547'	1.17	3.33	3.33	0.68	0.63	3.33	1.59 No	0.63	Element Fault
SOU082	431	'6788381_/_6788391'	1.17	3.33	3.33	0.68	0.63	3.33	1.59 No	0.63	Element Fault
SOU082	432	'6788485_/_6788495'	1.17	3.33	3.33	0.68	0.3	3.33	1.59 No	0.3	Element Fault
SOU082	433	'6807733_/_6807730'	1.07	3.33	3.33	0.68	0.4	3.33	1.59 No	0.4	Element Fault
SOU082	434	'43997011_/_6807688'	1.07	3.33	3.33	0.68	0.4	3.33	1.59 No	0.4	Element Fault
SOU082	435	'585229751_/_6788378'	1.13	3.33	3.33	0.68	0.63	3.33	1.59 No	0.63	Element Fault
SOU082	436	'659090326_/_659090369'	1.13	3.33	3.33	0.68	0.3	3.33	1.59 No	0.3	Element Fault
SOU082	437	'43991511_/_6794745'	1.13	3.33	3.33	0.68	0.63	3.33	1.59 No	0.63	Element Fault
SOU082	438	'6807484_/_6807701'	1.07	3.33	3.33	0.68	0.4	3.33	1.59 No	0.4	Element Fault
SOU082	439	'43990897_/_659090323'	1.13	3.33	3.33	0.68	0.3	3.33	1.59 No	0.3	Element Fault
SOU082	440	'6788187_/_6788362'	1.1	3.33	3.33	0.68	0.63	3.33	1.59 No	0.63	Element Fault
SOU082	441	'6807471_/_6807481'	1.03	3.33	3.33	0.68	0.4	3.33	1.59 No	0.4	Element Fault
SOU082	442	'6788562_/_43991513'	1.1	3.33	3.33	0.68	0.63	3.33	1.59 No	0.63	Element Fault
SOU082	443	'6807470_/_6807468'	1.03	3.33	3.33	0.68	0.4	3.33	1.59 No	0.4	Element Fault
SOU082	444	'6807749_/_6807746'	1	3.33	3.33	0.68	0.4	3.33	1.59 No	0.4	Element Fault
SOU082	445	'6788459_/_6788469'	1.1	3.33	3.33	0.68	0.3	3.33	1.59 No	0.3	Element Fault
SOU082	446	'6788171_/_6788184'	1.07	3.3	3.33	0.68	0.63	3.33	1.59 No	0.63	Element Fault
SOU082	447	'43990886_/_6788456'	1.1	3.3	3.33	0.68	0.3	3.33	1.59 No	0.3	Element Fault
SOU082	448	'6788563_/_6788560'	1.07	3.27	3.33	0.68	0.63	3.33	1.59 No	0.63	Element Fault
SOU082	449	'43997687_/_6817639'	1	3.33	3.33	0.68	0.4	3.33	1.59 No	0.4	Element Fault
SOU082	450	'585230209_/_6807759'	1	3.33	3.33	0.68	0.4	3.33	1.59 No	0.4	Element Fault
SOU082	451	'6788433_/_43990876'	1.1	3.27	3.33	0.68	0.3	3.33	1.59 No	0.3	Element Fault
SOU082	452	'6811076_/_6817626'	1	3.33	3.33	0.68	0.4	3.33	1.59 No	0.4	Element Fault
SOU082	453	'624676216_/_6788168'	1.03	3.2	3.33	0.68	0.63	3.33	1.59 No	0.63	Element Fault
SOU082	454	'6788245_/_6788430'	1.07	3.23	3.33	0.68	0.3	3.33	1.59 No	0.3	Element Fault
SOU082	455	'6811063_/_6811073'	0.97	3.33	3.33	0.68	0.4	3.33	1.59 No	0.4	Element Fault
SOU082	456	'6788232_/_6788242'	1.07	3.2	3.33	0.68	0.3	3.33	1.59 No	0.3	Element Fault
SOU082	457	'43997022_/_6821986'	0.97	3.23	3.33	0.68	0.4	3.33	1.59 No	0.4	Element Fault
SOU082	458	'6788219_/_6788229'	1.07	3.13	3.33	0.68	0.3	3.33	1.59 No	0.3	Element Fault
SOU082	459	'43994532_/_6811060'	0.97	3.27	3.33	0.68	0.4	3.33	1.59 No	0.4	Element Fault
SOU082	460	'6822002_/_43997024'	0.93	3.2	3.33	0.68	0.4	3.33	1.59 No	0.4	Element Fault
SOU082	461	'6788203_/_6788216'	1.03	3.1	3.33	0.68	0.3	3.33	1.59 No	0.3	Element Fault
SOU082	462	'6811049_/_6811047'	0.93	3.2	3.33	0.68	0.4	3.33	1.59 No	0.4	Element Fault
SOU082	463	'6788258_/_6788255'	1.03	3.07	3.33	0.68	0.3	3.33	1.59 No	0.3	Element Fault
SOU082	464	'6788202_/_6788200'	1.03	3.03	3.33	0.68	0.3	3.33	1.59 No	0.3	Element Fault
SOU082	465	'6822015_/_6822012'	0.9	3.1	3.33	0.68	0.4	3.33	1.59 No	0.4	Element Fault
SOU082	466	'7114759_/_7114757'	0.93	3.13	3.33	0.68	0.4	3.33	1.59 No	0.4	Element Fault
SOU082	467	'6791821_/_6791818'	1.03	3.03	3.33	0.68	0.3	3.33	1.59 No	0.3	Element Fault
SOU082	468	'6769953_/_7114464'	1	2.93	3.33	0.68	0.3	3.33	1.59 No	0.3	Element Fault
SOU082	469	'6769940_/_6769950'	0.97	2.87	3.33	0.68	0.3	3.29	1.59 No	0.3	Element Fault
SOU082	470	'6769969_/_6769966'	0.97	2.87	3.33	0.68	0.3	3.29	1.59 No	0.3	Element Fault
SOU082	471	'6769927_/_6769937'	0.97	2.83	3.33	0.68	0.3	3.25	1.59 No	0.3	Element Fault
SOU082	472	'43985956_/_6769979'	0.97	2.8	3.33	0.68	0.3	3.23	1.59 No	0.3	Element Fault
SOU082	473	'45195220_/_6769992'	0.93	2.77	3.33	0.68	0.3	3.19	1.59 No	0.3	Element Fault
SOU082	474	'43985945_/_6769924'	0.93	2.77	3.33	0.68	0.3	3.19	1.59 No	0.3	Element Fault
SOU082	475	'6769901_/_6769911'	0.93	2.7	3.33	0.68	0.3	3.15	1.59 No	0.3	Element Fault
SOU082	476	'6769900_/_6769898'	0.93	2.7	3.33	0.68	0.3	3.13	1.59 No	0.3	Element Fault
SOU082	477	'43985934_/_43985936'	0.9	2.6	3.33	0.68	0.3	3.07	1.59 No	0.3	Element Fault
SOU082	478	'43990076_/_6791831'	0.87	2.57	3.33	0.68	0.3	3.02	1.59 No	0.3	Element Fault
SOU082	479	'6788132_/_6788129'	0.87	2.5	3.33	0.68	0.3	2.96	1.59 No	0.3	Element Fault
SOU082	480	'6788145_/_6788142'	0.83	2.43	3.33	0.68	0.3	2.92	1.59 No	0.3	Element Fault

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SOU083		0 'SOU083_/55117911'		10	10	10	0.896	10	10	5.33 No	0.896 Thermal Discharging
SOU083		1 '55117855_/55117911'		10	10	10	0.896	10	10	5.33 No	0.896 Thermal Discharging
SOU083		2 '8402799_/55117857'		10	10	10	0.896	10	10	5.33 No	0.896 Thermal Discharging
SOU083		3 '9353732_/9667434'		10	10	10	0.896	10	10	5.33 No	0.896 Thermal Discharging
SOU083		4 '8094209_/9353730'		10	10	10	0.896	10	10	5.33 No	0.896 Thermal Discharging
SOU083		5 '52627363_/8094206'		10	10	10	0.896	10	10	5.33 No	0.896 Thermal Discharging
SOU083		6 '8718954_/8718952'		10	10	10	0.896	10	10	5.33 No	0.896 Thermal Discharging
SOU083		7 '8720715_/9038943'		10	10	10	0.896	10	10	5.33 No	0.896 Thermal Discharging
SOU083		8 '8094189_/8720712'		10	10	10	0.896	10	10	5.33 No	0.896 Thermal Discharging
SOU083		9 '8094188_/8094186'		10	10	10	0.896	10	10	5.33 No	0.896 Thermal Discharging
SOU083		10 '8402279_/9353550'		10	10	10	0.896	10	10	5.33 No	0.896 Thermal Discharging
SOU083		11 '8402278_/8402276'		10	10	10	0.896	10	10	5.33 No	0.896 Thermal Discharging
SOU083		12 '8403233_/9056695'		10	10	10	0.896	10	10	5.33 No	0.896 Thermal Discharging
SOU083		13 '8095169_/8403230'		10	10	10	0.896	10	10	5.33 No	0.896 Thermal Discharging
SOU083		14 '8095168_/8095166'		10	10	10	0.896	10	10	5.33 No	0.896 Thermal Discharging
SOU083		15 '7774105_/8403310'		10	10	10	0.896	10	10	5.33 No	0.896 Thermal Discharging
SOU083		16 '7774106_/7774103'		10	10	10	0.896	10	10	5.33 No	0.896 Thermal Discharging
SOU083		17 '8719470_/9039563'		10	10	10	0.896	10	10	5.33 No	0.896 Thermal Discharging
SOU083		18 '8719471_/8719468'		10	10	10	0.896	10	10	5.33 No	0.896 Thermal Discharging
SOU083		19 '9354325_/9354382'		10	10	10	0.896	10	10	5.33 No	0.896 Thermal Discharging
SOU083		20 '9354324_/9354322'		10	10	10	0.896	10	10	5.33 No	0.896 Thermal Discharging
SOU083		21 '8719630_/9354522'		10	10	10	0.896	10	10	5.33 No	0.896 Thermal Discharging
SOU083		22 '8719631_/8719628'		9.2	10	10	0.896	10	10	5.33 No	0.896 Thermal Discharging
SOU083		23 '8719671_/8719668'		8.5	10	10	0.896	10	10	5.33 No	0.896 Thermal Discharging
SOU083		24 '8095050_/9354242'		7.3	10	10	0.896	10	10	5.33 No	0.896 Thermal Discharging
SOU083		25 '8095051_/8095048'		6.5	10	10	0.896	10	10	5.33 No	0.896 Thermal Discharging
SOU083		26 '114636134_/55117815'		6.4	10	10	0.896	10	10	5.33 No	0.896 Thermal Discharging
SOU083		27 '114636330_/114636315_1'		6.4	10	10	0.896	10	10	5.33 No	0.896 Thermal Discharging
SOU083		28 '43977305_/114636315_2'		6.4	10	10	0.896	10	10	5.33 No	0.896 Thermal Discharging
SOU083		29 '6726688_/6726756'		6.3	10	10	0.896	10	10	5.33 No	0.896 Thermal Discharging
SOU083		30 '6726738_/6726736'		6.2	10	10	0.896	10	10	5.33 No	0.896 Thermal Discharging
SOU083		31 '114834804_/55117832_2'		6.2	10	10	0.896	10	10	5.33 No	0.896 Thermal Discharging
SOU083		32 '43977318_/6726702'		6.3	10	10	0.896	10	10	5.33 No	0.896 Thermal Discharging
SOU083		33 '6726722_/6726719'		6.3	10	10	0.896	10	10	5.33 No	0.896 Thermal Discharging
SOU083		34 '6779769_/7113818'		6.2	10	10	0.896	10	10	5.33 No	0.896 Thermal Discharging
SOU083		35 '429263503_/44067146_1'		3.93	6.67	6.67	0.6	1	6.67	3.55 No	0.6 Thermal Discharging
SOU083		36 '55117790_/55117832_1'		5.8	10	10	0.896	10	10	5.33 No	0.896 Thermal Discharging
SOU083		37 '43988441_/6779767'		6.2	10	10	0.896	10	10	5.33 No	0.896 Thermal Discharging
SOU083		38 '6779787_/6779784'		6.1	10	10	0.896	10	10	5.33 No	0.896 Thermal Discharging
SOU083		39 '8094990_/55117792'		5.6	10	10	0.896	10	10	5.33 No	0.896 Thermal Discharging
SOU083		40 '6779841_/6779838'		6.1	10	10	0.896	10	10	5.33 No	0.896 Thermal Discharging
SOU083		41 '6779861_/6779858'		6	10	10	0.896	10	10	5.33 No	0.896 Thermal Discharging
SOU083		42 '7460137_/8094988'		5.4	10	10	0.896	10	10	5.33 No	0.896 Thermal Discharging
SOU083		43 '6779878_/6779875'		6	10	10	0.896	10	10	5.33 No	0.896 Thermal Discharging
SOU083		44 '7460138_/7460135'		5.3	10	10	0.896	10	10	5.33 No	0.896 Thermal Discharging
SOU083		45 '6780160_/6780157'		5.9	10	10	0.896	10	10	5.33 No	0.896 Thermal Discharging
SOU083		46 '6780054_/6780417'		5.9	10	10	0.896	10	10	5.33 No	0.896 Thermal Discharging
SOU083		47 '6780437_/6780434'		5.9	10	10	0.896	10	10	5.33 No	0.896 Thermal Discharging
SOU083		48 '43988476_/6780451'		5.9	10	10	0.896	10	10	5.33 No	0.896 Thermal Discharging
SOU083		49 '6780471_/6780468'		5.9	10	10	0.896	10	10	5.33 No	0.896 Thermal Discharging
SOU083		50 '6780071_/6780068_2'		5.5	10	10	0.896	10	10	5.33 No	0.896 Thermal Discharging
SOU083		51 '43988566_/6780498'		5.9	10	10	0.896	10	10	5.33 No	0.896 Thermal Discharging
SOU083		52 '6782345_/43988568'		5.9	10	10	0.896	10	10	5.33 No	0.896 Thermal Discharging
SOU083		53 '6780070_/6780068_1'		5.6	10	10	0.896	10	10	5.33 No	0.896 Thermal Discharging
SOU083		54 '52735061_/52735054'		5.9	10	10	0.896	10	10	5.33 No	0.896 Thermal Discharging
SOU083		55 '7495324_/156331337_1'		5.8	10	10	0.896	10	10	5.33 No	0.896 Thermal Discharging
SOU083		56 '43977091_/43977099'		5.6	10	10	0.896	10	10	5.33 No	0.896 Thermal Discharging
SOU083		57 '7773926_/58184252'		4.8	10	10	0.896	10	10	5.33 No	0.896 Thermal Discharging
SOU083		58 '6724109_/6726864'		5.6	10	10	0.896	10	10	5.33 No	0.896 Thermal Discharging
SOU083		59 '6724108_/6724106'		5.6	10	10	0.896	10	10	5.33 No	0.896 Thermal Discharging
SOU083		60 '7474135_/8422766'		4.7	10	10	0.896	10	10	5.33 No	0.896 Thermal Discharging
SOU083		61 '43976243_/43976245'		5.5	10	10	0.896	10	10	5.33 No	0.896 Thermal Discharging
SOU083		62 '7474134_/7474132'		4.7	10	10	0.896	10	10	5.33 No	0.896 Thermal Discharging
SOU083		63 '6724092_/6726773'		5.5	10	10	0.896	10	10	5.33 No	0.896 Thermal Discharging
SOU083		64 '37983045_/156331337_2'		5.4	10	10	0.896	10	10	5.33 No	0.896 Thermal Discharging
SOU083		65 '211672130_/459752432'		5.4	10	10	0.896	10	10	5.33 No	0.896 Thermal Discharging
SOU083		66 '37983010_/459752408'		5.4	10	10	0.896	4.9	10	5.33 No	0.896 Thermal Discharging
SOU083		67 '37983059_/459752416'		5.4	10	10	0.896	4.7	10	5.33 No	0.896 Thermal Discharging
SOU083		68 '37983031_/459752424'		5.4	10	10	0.896	10	10	5.33 No	0.896 Thermal Discharging
SOU083		69 '7473935_/9051225'		4.5	10	10	0.896	10	10	5.33 No	0.896 Thermal Discharging
SOU083		70 '6724075_/6724089'		5.5	10	10	0.896	10	10	5.33 No	0.896 Thermal Discharging
SOU083		71 '6724058_/6724072_2'		5.4	10	10	0.896	10	10	5.33 No	0.896 Thermal Discharging
SOU083		72 '43976230_/6724072_1'		5.4	10	10	0.896	10	10	5.33 No	0.896 Thermal Discharging
SOU083		73 '7473934_/7473932'		4.4	10	10	0.896	10	10	5.33 No	0.896 Thermal Discharging
SOU083		74 '6724057_/6724055'		5.3	10	10	0.896	10	10	5.33 No	0.896 Thermal Discharging
SOU083		75 '392194092_/6726807_2'		5.3	10	10	0.896	10	10	5.33 No	0.896 Thermal Discharging
SOU083		76 '8417283_/8734106'		4.3	10	10	0.896	10	10	5.33 No	0.896 Thermal Discharging
SOU083		77 '532506445_/532506319'		4.3	10	10	0.896	10	10	5.33 No	0.896 Thermal Discharging
SOU083		78 '6718855_/6726807_1'		5.3	10	10	0.896	10	10	5.33 No	0.896 Thermal Discharging
SOU083		79 '532505978_/532506680'		4.3	10	10	0.896	10	10	5.33 No	0.896 Thermal Discharging
SOU083		80 '7775060_/594780888'		3.33	6.67	6.67	0.6	3.13	6.67	3.55 No	0.6 Thermal Discharging
SOU083		81 '6718842_/6718852'		5.3	10	10	0.896	10	10	5.33 No	0.896 Thermal Discharging
SOU083		82 '7775059_/594780904'		5	10	10	0.896	4.7	10	5.33 No	0.896 Thermal Discharging
SOU083		83 '8403153_/9668068_1'		5.2	10	10	0.896	3.5	10	5.33 No	0.896 Thermal Discharging
SOU083		84 '532505834_/532506054'		4.2	10	10	0.896	10	10	5.33 No	0.896 Thermal Discharging
SOU083		85 '532505591_/532505816'		4.2	10	10	0.896	10	10	5.33 No	0.896 Thermal Discharging
SOU083		86 '8107004_/8107002'		4.2	10	10	0.896	10	10	5.33 No	0.896 Thermal Discharging
SOU083		87 '8107025_/8734026'		4.1	10	10	0.896	10	10	5.33 No	0.896 Thermal Discharging
SOU083		88 '43987772_/427634204'		1.5	3.33	3.33	0.296	3.33	3.33	1.78 No	0.296 Thermal Discharging
SOU083		89 '393789118_/393789138'		4.6	10	10	0.896	4.9	10	5.33 No	0.896 Thermal Discharging
SOU083		90 '211633472_/8096210'		4.5	10	10	0.896	4.9	10	5.33 No	0.896 Thermal Discharging
SOU083		91 '211633471_/211633468'		4.5	10	10	0.896	4.9	10	5.33 No	0.896 Thermal Discharging
SOU083		92 '211633479_/211633475'		4.5	10	10	0.896	4.9	10	5.33 No	0.896 Thermal Discharging
SOU083		93 '211633486_/211633482'		4.5	10	10	0.896	4.9	10	5.33 No	0.896 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SOU083	94	'211633493_/211633489'	4.5	10	10	0.896	4.9	10	5.33 No	0.896	Thermal Discharging
SOU083	95	'211633640_/9669234_1'	4.5	10	10	0.896	2.5	10	5.33 No	0.896	Thermal Discharging
SOU083	96	'6782017_/9669234_2'	4.5	10	10	0.896	2.5	10	5.33 No	0.896	Thermal Discharging
SOU083	97	'8107024_/8107022'	3.8	10	10	0.896	10	10	5.33 No	0.896	Thermal Discharging
SOU083	98	'584772424_/6782014_2'	1.47	3.33	3.33	0.296	0.83	3.33	1.78 No	0.296	Thermal Discharging
SOU083	99	'8454274_/8454272'	3.8	10	10	0.896	10	10	5.33 No	0.896	Thermal Discharging
SOU083	100	'37981918_/9668068_2'	4.3	10	10	0.896	3.5	10	5.33 No	0.896	Thermal Discharging
SOU083	101	'405025504_/37981922'	4.3	10	10	0.896	3.5	10	5.33 No	0.896	Thermal Discharging
SOU083	102	'405025525_/405025522'	4.3	10	10	0.896	3.5	10	5.33 No	0.896	Thermal Discharging
SOU083	103	'37981932_/37981929'	4.3	10	10	0.896	3.5	10	5.33 No	0.896	Thermal Discharging
SOU083	104	'6779601_/6782027'	4.2	10	10	0.896	2.5	10	5.33 No	0.896	Thermal Discharging
SOU083	105	'9355504_/7461341'	4.3	10	10	0.896	10	10	5.33 No	0.896	Thermal Discharging
SOU083	106	'58183953_/58183950'	3.6	10	10	0.896	10	10	5.33 No	0.896	Thermal Discharging
SOU083	107	'6779960_/6782014_1'	1.37	3.33	3.33	0.296	0.83	3.33	1.78 No	0.296	Thermal Discharging
SOU083	108	'8417203_/8772020'	3.6	10	10	0.896	10	10	5.33 No	0.896	Thermal Discharging
SOU083	109	'6779602_/6779599'	4.1	10	10	0.896	2.5	10	5.33 No	0.896	Thermal Discharging
SOU083	110	'7461310_/7461307'	2.67	6.67	6.67	0.6	3.27	6.67	3.55 No	0.6	Thermal Discharging
SOU083	111	'7461309_/9344360'	4	10	10	0.896	4.9	10	5.33 No	0.896	Thermal Discharging
SOU083	112	'65432195_/9355502_1'	4.1	10	10	0.896	10	10	5.33 No	0.896	Thermal Discharging
SOU083	113	'37982184_/37982181'	4	10	10	0.896	3.5	10	5.33 No	0.896	Thermal Discharging
SOU083	114	'65432145_/9355502_2'	4.1	10	10	0.896	10	10	5.33 No	0.896	Thermal Discharging
SOU083	115	'37982170_/8403000'	4	10	10	0.896	3.5	10	5.33 No	0.896	Thermal Discharging
SOU083	116	'405015841_/37982174'	4	10	10	0.896	3.5	10	5.33 No	0.896	Thermal Discharging
SOU083	117	'405015869_/405015866'	4	10	10	0.896	3.5	10	5.33 No	0.896	Thermal Discharging
SOU083	118	'6796587_/6804284'	4.1	10	10	0.896	10	10	5.33 No	0.896	Thermal Discharging
SOU083	119	'43991849_/6796228'	4.1	10	10	0.896	10	10	5.33 No	0.896	Thermal Discharging
SOU083	120	'6796248_/6796245'	4.1	10	10	0.896	10	10	5.33 No	0.896	Thermal Discharging
SOU083	121	'7473954_/58183929'	3.4	10	10	0.896	10	10	5.33 No	0.896	Thermal Discharging
SOU083	122	'6795736_/6795748'	4.1	10	10	0.896	10	10	5.33 No	0.896	Thermal Discharging
SOU083	123	'432490811_/6795733_1'	4.1	10	10	0.896	10	10	5.33 No	0.896	Thermal Discharging
SOU083	124	'584767805_/43976221_2'	1.87	3.33	3.33	0.296	3.33	3.33	1.78 No	0.296	Thermal Discharging
SOU083	125	'43991862_/6796262'	4.1	10	10	0.896	10	10	5.33 No	0.896	Thermal Discharging
SOU083	126	'8107065_/8417200'	3.4	10	10	0.896	10	10	5.33 No	0.896	Thermal Discharging
SOU083	127	'43991659_/6795733_2'	4.1	10	10	0.896	10	10	5.33 No	0.896	Thermal Discharging
SOU083	128	'43988314_/6779612'	3.9	10	10	0.896	2.5	10	5.33 No	0.896	Thermal Discharging
SOU083	129	'43976219_/43976221_1'	1.87	3.33	3.33	0.296	0.5	3.33	1.78 No	0.296	Thermal Discharging
SOU083	130	'6796282_/6796279'	4.1	10	10	0.896	10	10	5.33 No	0.896	Thermal Discharging
SOU083	131	'8096268_/8096266'	1.3	3.33	3.33	0.296	1.57	3.33	1.78 No	0.296	Thermal Discharging
SOU083	132	'65432410_/65432252_2'	4.1	10	10	0.896	5.5	10	5.33 No	0.896	Thermal Discharging
SOU083	133	'6718829_/6718826_2'	1.87	3.33	3.33	0.296	0.5	3.33	1.78 No	0.296	Thermal Discharging
SOU083	134	'7461454_/594780871'	3.8	10	10	0.896	4.7	10	5.33 No	0.896	Thermal Discharging
SOU083	135	'43991875_/6796299'	4.2	10	10	0.896	10	10	5.33 No	0.896	Thermal Discharging
SOU083	136	'6718816_/6718826_1'	1.9	3.33	3.33	0.296	0.5	3.33	1.78 No	0.296	Thermal Discharging
SOU083	137	'43988386_/43988388'	1.3	3.33	3.33	0.296	0.83	3.33	1.78 No	0.296	Thermal Discharging
SOU083	138	'65432228_/65432252_1'	4	10	10	0.896	3.5	10	5.33 No	0.896	Thermal Discharging
SOU083	139	'8404398_/8404396'	1.3	3.33	3.33	0.296	1.57	3.33	1.78 No	0.296	Thermal Discharging
SOU083	140	'6796178_/6796316'	4.2	10	10	0.896	10	10	5.33 No	0.896	Thermal Discharging
SOU083	141	'49934689_/9040789_2'	1.3	3.33	3.33	0.296	1.57	3.33	1.78 No	0.296	Thermal Discharging
SOU083	142	'6796336_/6796333'	4.2	10	10	0.896	10	10	5.33 No	0.896	Thermal Discharging
SOU083	143	'65432416_/119297102_2'	2.67	6.67	6.67	0.6	2.2	6.67	3.55 No	0.6	Thermal Discharging
SOU083	144	'6718803_/6718813'	1.9	3.33	3.33	0.296	0.5	3.33	1.78 No	0.296	Thermal Discharging
SOU083	145	'6780041_/9040789_1'	1.3	3.33	3.33	0.296	0.5	3.33	1.78 No	0.296	Thermal Discharging
SOU083	146	'43988325_/6779625'	3.8	10	10	0.896	2.5	10	5.33 No	0.896	Thermal Discharging
SOU083	147	'6796161_/6796175'	4.1	10	10	0.896	10	10	5.33 No	0.896	Thermal Discharging
SOU083	148	'6779898_/6779895_2'	1.27	3.33	3.33	0.296	0.83	3.33	1.78 No	0.296	Thermal Discharging
SOU083	149	'584772285_/6796350_1'	4.1	10	10	0.896	2.3	10	5.33 No	0.896	Thermal Discharging
SOU083	150	'6796144_/6796158'	4.1	10	10	0.896	10	10	5.33 No	0.896	Thermal Discharging
SOU083	151	'58183995_/58183971'	3.2	10	10	0.896	10	10	5.33 No	0.896	Thermal Discharging
SOU083	152	'43976208_/43976210'	1.93	3.33	3.33	0.296	0.5	3.33	1.78 No	0.296	Thermal Discharging
SOU083	153	'6796110_/6796141'	4.1	10	10	0.896	10	10	5.33 No	0.896	Thermal Discharging
SOU083	154	'6718786_/6718784'	1.93	3.33	3.33	0.296	0.5	3.33	1.78 No	0.296	Thermal Discharging
SOU083	155	'8107064_/8107062'	3.2	10	10	0.896	10	10	5.33 No	0.896	Thermal Discharging
SOU083	156	'6796090_/6796107'	4.1	10	10	0.896	10	10	5.33 No	0.896	Thermal Discharging
SOU083	157	'8734069_/8734086'	3.2	10	10	0.896	10	10	5.33 No	0.896	Thermal Discharging
SOU083	158	'350007551_/350007560'	4.1	10	10	0.896	10	10	5.33 No	0.896	Thermal Discharging
SOU083	159	'7461670_/8723966_1'	1.33	3.33	3.33	0.296	0.5	3.33	1.78 No	0.296	Thermal Discharging
SOU083	160	'584766236_/6796053'	4.1	10	10	0.896	10	10	5.33 No	0.896	Thermal Discharging
SOU083	161	'427634174_/6720381'	1.93	3.33	3.33	0.296	0.5	3.33	1.78 No	0.296	Thermal Discharging
SOU083	162	'6715106_/6715116_1'	1.97	3.33	3.33	0.296	0.5	3.33	1.78 No	0.296	Thermal Discharging
SOU083	163	'43974985_/6715116_2'	1.97	3.33	3.33	0.296	0.5	3.33	1.78 No	0.296	Thermal Discharging
SOU083	164	'6779976_/6780038'	1.2	3.33	3.33	0.296	0.5	3.33	1.78 No	0.296	Thermal Discharging
SOU083	165	'6796198_/6796195'	4	10	10	0.896	4.7	10	5.33 No	0.896	Thermal Discharging
SOU083	166	'6796353_/6796350_2'	3.9	10	10	0.896	2.3	10	5.33 No	0.896	Thermal Discharging
SOU083	167	'8723937_/9041123_1'	1.37	3.33	3.33	0.296	0.5	3.33	1.78 No	0.296	Thermal Discharging
SOU083	168	'6779641_/43988327'	3.6	10	10	0.896	2.5	10	5.33 No	0.896	Thermal Discharging
SOU083	169	'350007735_/350007666'	4	10	10	0.896	4.6	10	5.33 No	0.896	Thermal Discharging
SOU083	170	'6715093_/6715103'	1.97	3.33	3.33	0.296	0.5	3.33	1.78 No	0.296	Thermal Discharging
SOU083	171	'390211282_/390211286'	2.2	6.67	6.67	0.6	3.13	6.67	3.55 No	0.6	Thermal Discharging
SOU083	172	'8734049_/58183992'	3.1	10	10	0.896	10	10	5.33 No	0.896	Thermal Discharging
SOU083	173	'119297098_/119297102_1'	2.47	6.67	6.67	0.6	1	6.67	3.55 No	0.6	Thermal Discharging
SOU083	174	'37983087_/37983084'	3.5	10	10	0.896	4.9	10	5.33 No	0.896	Thermal Discharging
SOU083	175	'37983094_/37983098'	3.5	10	10	0.896	4.9	10	5.33 No	0.896	Thermal Discharging
SOU083	176	'37983108_/37983112'	3.5	10	10	0.896	4.9	10	5.33 No	0.896	Thermal Discharging
SOU083	177	'405014333_/405014330'	3.5	10	10	0.896	4.9	10	5.33 No	0.896	Thermal Discharging
SOU083	178	'37983080_/8404412'	3.5	10	10	0.896	4.9	10	5.33 No	0.896	Thermal Discharging
SOU083	179	'6715080_/6715090'	1.97	3.33	3.33	0.296	0.5	3.33	1.78 No	0.296	Thermal Discharging
SOU083	180	'8734068_/8734066'	3.1	10	10	0.896	10	10	5.33 No	0.896	Thermal Discharging
SOU083	181	'405015728_/405015725'	3.5	10	10	0.896	3.5	10	5.33 No	0.896	Thermal Discharging
SOU083	182	'37982226_/8719388'	3.5	10	10	0.896	3.5	10	5.33 No	0.896	Thermal Discharging
SOU083	183	'405015711_/37982223'	3.5	10	10	0.896	3.5	10	5.33 No	0.896	Thermal Discharging
SOU083	184	'37982212_/37982216'	3.5	10	10	0.896	3.5	10	5.33 No	0.896	Thermal Discharging
SOU083	185	'7461453_/594780855'	2.2	6.67	6.67	0.6	3.13	6.67	3.55 No	0.6	Thermal Discharging
SOU083	186	'43988338_/6779658'	3.5	10	10	0.896	2.5	10	5.33 No	0.896	Thermal Discharging
SOU083	187	'43974974_/43974976'	1.97	3.33	3.33	0.296	0.5	3.33	1.78 No	0.296	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over- Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SOU083	188	'6715067_/_6715064_2'	1.97	3.33	3.33	0.296	0.5	3.33	1.78 No	0.296	Thermal Discharging
SOU083	189	'7479933_/_9355522'	2.4	6.67	6.67	0.6	2.33	6.67	3.55 No	0.6	Thermal Discharging
SOU083	190	'6782123_/_6782120'	1.17	3.33	3.33	0.296	0.5	3.33	1.78 No	0.296	Thermal Discharging
SOU083	191	'8405102_/_9041381'	3.6	10	10	0.896	3.5	10	5.33 No	0.896	Thermal Discharging
SOU083	192	'7461381_/_7461399_2'	3.4	10	10	0.896	4.9	10	5.33 No	0.896	Thermal Discharging
SOU083	193	'6715054_/_6715064_1'	1.97	3.33	3.33	0.296	0.5	3.33	1.78 No	0.296	Thermal Discharging
SOU083	194	'6779589_/_6779895_1'	1.13	3.33	3.33	0.296	0.83	3.33	1.78 No	0.296	Thermal Discharging
SOU083	195	'51571320_/_6797879'	3.7	10	10	0.896	2.3	10	5.33 No	0.896	Thermal Discharging
SOU083	196	'6782076_/_7461399_1'	3.4	10	10	0.896	1.5	10	5.33 No	0.896	Thermal Discharging
SOU083	197	'6782056_/_6782073'	3.3	10	10	0.896	1.5	10	5.33 No	0.896	Thermal Discharging
SOU083	198	'390211164_/_594780822'	3.3	10	10	0.896	4.7	10	5.33 No	0.896	Thermal Discharging
SOU083	199	'43988208_/_6782090'	3.3	10	10	0.896	1.5	10	5.33 No	0.896	Thermal Discharging
SOU083	200	'6715041_/_6715051'	1.97	3.33	3.33	0.296	0.5	3.33	1.78 No	0.296	Thermal Discharging
SOU083	201	'6779913_/_6779911_1'	3.3	10	10	0.896	1.5	10	5.33 No	0.896	Thermal Discharging
SOU083	202	'499726722_/_499726742'	3.4	10	10	0.896	3.5	10	5.33 No	0.896	Thermal Discharging
SOU083	203	'6779068_/_6779675'	3.4	10	10	0.896	2.5	10	5.33 No	0.896	Thermal Discharging
SOU083	204	'6782043_/_6782053'	3.3	10	10	0.896	1.5	10	5.33 No	0.896	Thermal Discharging
SOU083	205	'43974963_/_6715038'	2	3.33	3.33	0.296	0.5	3.33	1.78 No	0.296	Thermal Discharging
SOU083	206	'43988221_/_6779911_2'	3.3	10	10	0.896	1.5	10	5.33 No	0.896	Thermal Discharging
SOU083	207	'9679251_/_9679268'	3	10	10	0.896	10	10	5.33 No	0.896	Thermal Discharging
SOU083	208	'6715015_/_6715025'	2	3.33	3.33	0.296	0.5	3.33	1.78 No	0.296	Thermal Discharging
SOU083	209	'37981946_/_37981950'	1.5	3.33	3.33	0.296	1.17	3.33	1.78 No	0.296	Thermal Discharging
SOU083	210	'8723969_/_8723966_2'	1.2	3.33	3.33	0.296	0.5	3.33	1.78 No	0.296	Thermal Discharging
SOU083	211	'6779804_/_6779818_1'	3.3	10	10	0.896	1.5	10	5.33 No	0.896	Thermal Discharging
SOU083	212	'43988235_/_43988223'	3.3	10	10	0.896	1.5	10	5.33 No	0.896	Thermal Discharging
SOU083	213	'6715002_/_6715012'	2	3.33	3.33	0.296	0.5	3.33	1.78 No	0.296	Thermal Discharging
SOU083	214	'8723953_/_9041123_2'	1.27	3.33	3.33	0.296	0.5	3.33	1.78 No	0.296	Thermal Discharging
SOU083	215	'405025414_/_37982006'	3.3	10	10	0.896	3.5	10	5.33 No	0.896	Thermal Discharging
SOU083	216	'37982030_/_37982027'	3.3	10	10	0.896	3.5	10	5.33 No	0.896	Thermal Discharging
SOU083	217	'405025437_/_405025434'	3.3	10	10	0.896	3.5	10	5.33 No	0.896	Thermal Discharging
SOU083	218	'37982016_/_37982013'	3.3	10	10	0.896	3.5	10	5.33 No	0.896	Thermal Discharging
SOU083	219	'6779975_/_43988366'	1.1	3.33	3.33	0.296	0.5	3.33	1.78 No	0.296	Thermal Discharging
SOU083	220	'37982002_/_9667910'	3.3	10	10	0.896	3.5	10	5.33 No	0.896	Thermal Discharging
SOU083	221	'45294369_/_6779818_2'	3.3	10	10	0.896	1.5	10	5.33 No	0.896	Thermal Discharging
SOU083	222	'8106965_/_58184013'	2.8	10	10	0.896	10	10	5.33 No	0.896	Thermal Discharging
SOU083	223	'6777861_/_6779066'	3.2	10	10	0.896	2.5	10	5.33 No	0.896	Thermal Discharging
SOU083	224	'6782109_/_6782198'	1.1	3.33	3.33	0.296	0.5	3.33	1.78 No	0.296	Thermal Discharging
SOU083	225	'6797902_/_43991925'	3.4	10	10	0.896	2.3	10	5.33 No	0.896	Thermal Discharging
SOU083	226	'43974952_/_43974954'	2	3.33	3.33	0.296	0.5	3.33	1.78 No	0.296	Thermal Discharging
SOU083	227	'7479932_/_7479930'	3.3	10	10	0.896	3.5	10	5.33 No	0.896	Thermal Discharging
SOU083	228	'8094707_/_9039491_2'	1.47	3.33	3.33	0.296	1.17	3.33	1.78 No	0.296	Thermal Discharging
SOU083	229	'8094723_/_8719352_2'	3.2	10	10	0.896	3.5	10	5.33 No	0.896	Thermal Discharging
SOU083	230	'8733949_/_9679248'	2.8	10	10	0.896	10	10	5.33 No	0.896	Thermal Discharging
SOU083	231	'7461467_/_9344380'	1.1	3.33	3.33	0.296	1.57	3.33	1.78 No	0.296	Thermal Discharging
SOU083	232	'45193962_/_6714986'	2	3.33	3.33	0.296	0.5	3.33	1.78 No	0.296	Thermal Discharging
SOU083	233	'6779695_/_6779692'	3.2	10	10	0.896	2.5	10	5.33 No	0.896	Thermal Discharging
SOU083	234	'6719315_/_8719352_1'	3.2	10	10	0.896	1.6	10	5.33 No	0.896	Thermal Discharging
SOU083	235	'7461363_/_7461361'	1.93	6.67	6.67	0.6	2.33	6.67	3.55 No	0.6	Thermal Discharging
SOU083	236	'6795691_/_43991648'	2.2	6.67	6.67	0.6	1	6.67	3.55 No	0.6	Thermal Discharging
SOU083	237	'7775028_/_7775041'	1.03	3.33	3.33	0.296	1.63	3.33	1.78 No	0.296	Thermal Discharging
SOU083	238	'6718923_/_9039491_1'	1.47	3.33	3.33	0.296	0.5	3.33	1.78 No	0.296	Thermal Discharging
SOU083	239	'6779576_/_6779586'	1.07	3.33	3.33	0.296	0.83	3.33	1.78 No	0.296	Thermal Discharging
SOU083	240	'58184079_/_58184034'	2.8	10	10	0.896	10	10	5.33 No	0.896	Thermal Discharging
SOU083	241	'38688016_/_7775075_2'	1.1	3.33	3.33	0.296	1.57	3.33	1.78 No	0.296	Thermal Discharging
SOU083	242	'6782332_/_7775075_1'	1.1	3.33	3.33	0.296	0.5	3.33	1.78 No	0.296	Thermal Discharging
SOU083	243	'43988151_/_6777859'	3.1	10	10	0.896	2.5	10	5.33 No	0.896	Thermal Discharging
SOU083	244	'6797919_/_6797916'	3.3	10	10	0.896	2.3	10	5.33 No	0.896	Thermal Discharging
SOU083	245	'7461327_/_9040933_1'	1.03	3.33	3.33	0.296	0.5	3.33	1.78 No	0.296	Thermal Discharging
SOU083	246	'37982198_/_37982202'	1.37	3.33	3.33	0.296	1.17	3.33	1.78 No	0.296	Thermal Discharging
SOU083	247	'6779946_/_9040933_2'	1.03	3.33	3.33	0.296	0.5	3.33	1.78 No	0.296	Thermal Discharging
SOU083	248	'8733948_/_8733946'	2.7	10	10	0.896	10	10	5.33 No	0.896	Thermal Discharging
SOU083	249	'9041142_/_9041139'	1.1	3.33	3.33	0.296	0.5	3.33	1.78 No	0.296	Thermal Discharging
SOU083	250	'6719295_/_6719312'	3	10	10	0.896	1.6	10	5.33 No	0.896	Thermal Discharging
SOU083	251	'58184058_/_58184076'	2.7	10	10	0.896	10	10	5.33 No	0.896	Thermal Discharging
SOU083	252	'7775347_/_8723950'	1.17	3.33	3.33	0.296	0.5	3.33	1.78 No	0.296	Thermal Discharging
SOU083	253	'7785190_/_58184055'	2.7	10	10	0.896	10	10	5.33 No	0.896	Thermal Discharging
SOU083	254	'6718910_/_6718920'	1.37	3.33	3.33	0.296	0.5	3.33	1.78 No	0.296	Thermal Discharging
SOU083	255	'6779947_/_6779944'	1	3.33	3.33	0.296	0.5	3.33	1.78 No	0.296	Thermal Discharging
SOU083	256	'6777879_/_6777876'	3	10	10	0.896	2.5	10	5.33 No	0.896	Thermal Discharging
SOU083	257	'43988303_/_6779573'	1	3.33	3.33	0.296	0.83	3.33	1.78 No	0.296	Thermal Discharging
SOU083	258	'6795673_/_6795688'	2.07	6.67	6.67	0.6	1	6.67	3.55 No	0.6	Thermal Discharging
SOU083	259	'8402971_/_8403040_2'	1.37	3.33	3.33	0.296	1.17	3.33	1.78 No	0.296	Thermal Discharging
SOU083	260	'9050831_/_9050829'	2.7	10	10	0.896	10	10	5.33 No	0.896	Thermal Discharging
SOU083	261	'6797936_/_6797933'	3.2	10	10	0.896	2.3	10	5.33 No	0.896	Thermal Discharging
SOU083	262	'6719089_/_8403040_1'	1.37	3.33	3.33	0.296	0.5	3.33	1.78 No	0.296	Thermal Discharging
SOU083	263	'6797839_/_6797837_1'	1.07	3.33	3.33	0.296	0.3	3.33	1.78 No	0.296	Thermal Discharging
SOU083	264	'8417123_/_9365100'	2.6	10	10	0.896	10	10	5.33 No	0.896	Thermal Discharging
SOU083	265	'7461364_/_9040845'	2.9	10	10	0.896	3.5	10	5.33 No	0.896	Thermal Discharging
SOU083	266	'6718936_/_6718933'	1.33	3.33	3.33	0.296	0.5	3.33	1.78 No	0.296	Thermal Discharging
SOU083	267	'6719102_/_6719099'	1.33	3.33	3.33	0.296	0.5	3.33	1.78 No	0.296	Thermal Discharging
SOU083	268	'6777896_/_6777893'	2.9	10	10	0.896	2.5	10	5.33 No	0.896	Thermal Discharging
SOU083	269	'6719294_/_6719292'	2.9	10	10	0.896	1.6	10	5.33 No	0.896	Thermal Discharging
SOU083	270	'58184142_/_58184097'	2.6	10	10	0.896	10	10	5.33 No	0.896	Thermal Discharging
SOU083	271	'6780488_/_6782329'	1	3.33	3.33	0.296	0.5	3.33	1.78 No	0.296	Thermal Discharging
SOU083	272	'37982240_/_37982244'	1.03	3.33	3.33	0.296	1.17	3.33	1.78 No	0.296	Thermal Discharging
SOU083	273	'6779989_/_6779999'	0.97	3.33	3.33	0.296	0.5	3.33	1.78 No	0.296	Thermal Discharging
SOU083	274	'43988375_/_6782107'	0.97	3.33	3.33	0.296	0.5	3.33	1.78 No	0.296	Thermal Discharging
SOU083	275	'6779562_/_6779560'	0.97	3.33	3.33	0.296	0.83	3.33	1.78 No	0.296	Thermal Discharging
SOU083	276	'8723614_/_8723612'	1.93	6.67	6.67	0.6	2.33	6.67	3.55 No	0.6	Thermal Discharging
SOU083	277	'58184121_/_58184139'	2.5	10	10	0.896	10	10	5.33 No	0.896	Thermal Discharging
SOU083	278	'6777916_/_6777913'	2.9	10	10	0.896	2.5	10	5.33 No	0.896	Thermal Discharging
SOU083	279	'6719076_/_6719086'	1.3	3.33	3.33	0.296	0.5	3.33	1.78 No	0.296	Thermal Discharging
SOU083	280	'6797840_/_6797837_2'	1.07	3.33	3.33	0.296	0.3	3.33	1.78 No	0.296	Thermal Discharging
SOU083	281	'43976267_/_43976269'	1.3	3.33	3.33	0.296	0.5	3.33	1.78 No	0.296	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SOU083	282	'8112319_/_8417120'		2.6	10	10	0.896	10	10	5.33	No 0.896 Thermal Discharging
SOU083	283	'43988590_/_6782359'		1	3.33	3.33	0.296	0.5	3.33	1.78	No 0.296 Thermal Discharging
SOU083	284	'6725958_/_6725989'		2.8	10	10	0.896	1.6	10	5.33	No 0.896 Thermal Discharging
SOU083	285	'7473137_/_58184118'		2.5	10	10	0.896	10	10	5.33	No 0.896 Thermal Discharging
SOU083	286	'6779520_/_6782001'		0.93	3.33	3.33	0.296	0.5	3.33	1.78	No 0.296 Thermal Discharging
SOU083	287	'6797952_/_6797950'		3	10	10	0.896	2.3	10	5.33	No 0.896 Thermal Discharging
SOU083	288	'9355223_/_9669494'		1	3.33	3.33	0.296	0.5	3.33	1.78	No 0.296 Thermal Discharging
SOU083	289	'7473117_/_8112316'		2.5	10	10	0.896	10	10	5.33	No 0.896 Thermal Discharging
SOU083	290	'7775348_/_7775345'		1.07	3.33	3.33	0.296	0.5	3.33	1.78	No 0.296 Thermal Discharging
SOU083	291	'6779988_/_6779986'		0.93	3.33	3.33	0.296	0.5	3.33	1.78	No 0.296 Thermal Discharging
SOU083	292	'6777933_/_6777947'		2.8	10	10	0.896	2.5	10	5.33	No 0.896 Thermal Discharging
SOU083	293	'6780487_/_43988524'		0.97	3.33	3.33	0.296	0.5	3.33	1.78	No 0.296 Thermal Discharging
SOU083	294	'6719205_/_8094780_2'		0.97	3.33	3.33	0.296	1.17	3.33	1.78	No 0.296 Thermal Discharging
SOU083	295	'43988270_/_6779518'		0.9	3.33	3.33	0.296	0.5	3.33	1.78	No 0.296 Thermal Discharging
SOU083	296	'6779718_/_6779715'		0.93	3.33	3.33	0.296	0.5	3.33	1.78	No 0.296 Thermal Discharging
SOU083	297	'7473116_/_7473114'		2.5	10	10	0.896	10	10	5.33	No 0.896 Thermal Discharging
SOU083	298	'43991634_/_43991636'		1.87	6.67	6.67	0.6	1	6.67	3.55	No 0.6 Thermal Discharging
SOU083	299	'6780276_/_6780518'		0.97	3.33	3.33	0.296	0.5	3.33	1.78	No 0.296 Thermal Discharging
SOU083	300	'6781965_/_6781975'		0.9	3.33	3.33	0.296	0.83	3.33	1.78	No 0.296 Thermal Discharging
SOU083	301	'43992072_/_43992074'		1.07	3.33	3.33	0.296	0.3	3.33	1.78	No 0.296 Thermal Discharging
SOU083	302	'58184184_/_58184160'		2.4	10	10	0.896	10	10	5.33	No 0.896 Thermal Discharging
SOU083	303	'43976278_/_6718949'		1.23	3.33	3.33	0.296	0.5	3.33	1.78	No 0.296 Thermal Discharging
SOU083	304	'43976392_/_8094780_1'		0.93	3.33	3.33	0.296	0.5	3.33	1.78	No 0.296 Thermal Discharging
SOU083	305	'6719278_/_6725955'		2.7	10	10	0.896	1.6	10	5.33	No 0.896 Thermal Discharging
SOU083	306	'6798148_/_6798162'		2.8	10	10	0.896	2.3	10	5.33	No 0.896 Thermal Discharging
SOU083	307	'6719115_/_6719112'		1.23	3.33	3.33	0.296	0.5	3.33	1.78	No 0.296 Thermal Discharging
SOU083	308	'8096669_/_8096666'		1.03	3.33	3.33	0.296	0.5	3.33	1.78	No 0.296 Thermal Discharging
SOU083	309	'43988101_/_6777930'		2.7	10	10	0.896	2.5	10	5.33	No 0.896 Thermal Discharging
SOU083	310	'8723985_/_9355220'		0.93	3.33	3.33	0.296	0.5	3.33	1.78	No 0.296 Thermal Discharging
SOU083	311	'6718884_/_6718894'		1.2	3.33	3.33	0.296	0.5	3.33	1.78	No 0.296 Thermal Discharging
SOU083	312	'7784878_/_58184181'		2.3	10	10	0.896	10	10	5.33	No 0.896 Thermal Discharging
SOU083	313	'7775363_/_9669530'		1	3.33	3.33	0.296	0.5	3.33	1.78	No 0.296 Thermal Discharging
SOU083	314	'43988408_/_6780025'		0.9	3.33	3.33	0.296	0.5	3.33	1.78	No 0.296 Thermal Discharging
SOU083	315	'8105926_/_8105924'		2.4	10	10	0.896	10	10	5.33	No 0.896 Thermal Discharging
SOU083	316	'7775511_/_8405100'		0.9	3.33	3.33	0.296	1.17	3.33	1.78	No 0.296 Thermal Discharging
SOU083	317	'6796969_/_6796966'		1.07	3.33	3.33	0.296	0.3	3.33	1.78	No 0.296 Thermal Discharging
SOU083	318	'43976337_/_43976339'		1.2	3.33	3.33	0.296	0.5	3.33	1.78	No 0.296 Thermal Discharging
SOU083	319	'6780547_/_594780766'		1.07	3.33	3.33	0.296	1.4	3.33	1.78	No 0.296 Thermal Discharging
SOU083	320	'584772866_/_43988581_2'		1.07	3.33	3.33	0.296	0.3	3.33	1.78	No 0.296 Thermal Discharging
SOU083	321	'584772876_/_43988581_1'		1.07	3.33	3.33	0.296	0.3	3.33	1.78	No 0.296 Thermal Discharging
SOU083	322	'43976324_/_6719275'		2.6	10	10	0.896	1.6	10	5.33	No 0.896 Thermal Discharging
SOU083	323	'6777705_/_6777719'		2.6	10	10	0.896	2.5	10	5.33	No 0.896 Thermal Discharging
SOU083	324	'7775512_/_7775509_1'		0.9	3.33	3.33	0.296	0.5	3.33	1.78	No 0.296 Thermal Discharging
SOU083	325	'584772499_/_390211354_2'		1.03	3.33	3.33	0.296	1.4	3.33	1.78	No 0.296 Thermal Discharging
SOU083	326	'6797869_/_6798145'		2.7	10	10	0.896	2.3	10	5.33	No 0.896 Thermal Discharging
SOU083	327	'6779731_/_6779728'		0.87	3.33	3.33	0.296	0.5	3.33	1.78	No 0.296 Thermal Discharging
SOU083	328	'6796218_/_7775509_2'		0.9	3.33	3.33	0.296	0.5	3.33	1.78	No 0.296 Thermal Discharging
SOU083	329	'6725093_/_43976280'		1.17	3.33	3.33	0.296	0.5	3.33	1.78	No 0.296 Thermal Discharging
SOU083	330	'58184226_/_58184202'		2.3	10	10	0.896	10	10	5.33	No 0.896 Thermal Discharging
SOU083	331	'43976359_/_6719125'		1.17	3.33	3.33	0.296	0.5	3.33	1.78	No 0.296 Thermal Discharging
SOU083	332	'43976403_/_43976394'		0.9	3.33	3.33	0.296	0.5	3.33	1.78	No 0.296 Thermal Discharging
SOU083	333	'8106280_/_8106278'		2.3	10	10	0.896	10	10	5.33	No 0.896 Thermal Discharging
SOU083	334	'6780277_/_6780274'		0.9	3.33	3.33	0.296	0.5	3.33	1.78	No 0.296 Thermal Discharging
SOU083	335	'9040884_/_9040881'		0.97	3.33	3.33	0.296	1.17	3.33	1.78	No 0.296 Thermal Discharging
SOU083	336	'6795657_/_6795655'		1.73	6.67	6.67	0.6	1	6.67	3.55	No 0.6 Thermal Discharging
SOU083	337	'6780147_/_6781962'		0.87	3.33	3.33	0.296	0.83	3.33	1.78	No 0.296 Thermal Discharging
SOU083	338	'43988397_/_43988399'		0.9	3.33	3.33	0.296	0.5	3.33	1.78	No 0.296 Thermal Discharging
SOU083	339	'7775396_/_8723982'		0.9	3.33	3.33	0.296	0.5	3.33	1.78	No 0.296 Thermal Discharging
SOU083	340	'6719260_/_6719258'		2.5	10	10	0.896	1.6	10	5.33	No 0.896 Thermal Discharging
SOU083	341	'7461421_/_9040969_1'		0.97	3.33	3.33	0.296	0.6	3.33	1.78	No 0.296 Thermal Discharging
SOU083	342	'6779534_/_43988272'		0.83	3.33	3.33	0.296	0.5	3.33	1.78	No 0.296 Thermal Discharging
SOU083	343	'6777777_/_6779099'		2.5	10	10	0.896	2.5	10	5.33	No 0.896 Thermal Discharging
SOU083	344	'43988579_/_43988581_3'		1.03	3.33	3.33	0.296	0.3	3.33	1.78	No 0.296 Thermal Discharging
SOU083	345	'6782306_/_9040969_2'		0.97	3.33	3.33	0.296	0.6	3.33	1.78	No 0.296 Thermal Discharging
SOU083	346	'43976256_/_6718881'		1.13	3.33	3.33	0.296	0.5	3.33	1.78	No 0.296 Thermal Discharging
SOU083	347	'7784550_/_58184223'		2.2	10	10	0.896	10	10	5.33	No 0.896 Thermal Discharging
SOU083	348	'6797827_/_6797866'		0.9	3.33	3.33	0.296	0.77	3.33	1.78	No 0.296 Thermal Discharging
SOU083	349	'6777688_/_6777702'		2.5	10	10	0.896	2.5	10	5.33	No 0.896 Thermal Discharging
SOU083	350	'6779508_/_6780012'		0.83	3.33	3.33	0.296	0.5	3.33	1.78	No 0.296 Thermal Discharging
SOU083	351	'8733341_/_9050435'		2.3	10	10	0.896	10	10	5.33	No 0.896 Thermal Discharging
SOU083	352	'6782175_/_6782172'		1	3.33	3.33	0.296	1.1	3.33	1.78	No 0.296 Thermal Discharging
SOU083	353	'6779744_/_6779741'		0.83	3.33	3.33	0.296	0.5	3.33	1.78	No 0.296 Thermal Discharging
SOU083	354	'6796369_/_6804304'		0.87	3.33	3.33	0.296	0.5	3.33	1.78	No 0.296 Thermal Discharging
SOU083	355	'6798114_/_6798128'		2.6	10	10	0.896	2.3	10	5.33	No 0.896 Thermal Discharging
SOU083	356	'6719050_/_6719060'		1.1	3.33	3.33	0.296	0.5	3.33	1.78	No 0.296 Thermal Discharging
SOU083	357	'6717535_/_6720440'		2.4	10	10	0.896	1.6	10	5.33	No 0.896 Thermal Discharging
SOU083	358	'6779757_/_6779754'		0.83	3.33	3.33	0.296	0.5	3.33	1.78	No 0.296 Thermal Discharging
SOU083	359	'6796982_/_6796979'		1.07	3.33	3.33	0.296	0.3	3.33	1.78	No 0.296 Thermal Discharging
SOU083	360	'8096685_/_8404792_1'		0.87	3.33	3.33	0.296	0.3	3.33	1.78	No 0.296 Thermal Discharging
SOU083	361	'6718964_/_6725103'		1.1	3.33	3.33	0.296	0.5	3.33	1.78	No 0.296 Thermal Discharging
SOU083	362	'6719141_/_43976361'		1.1	3.33	3.33	0.296	0.5	3.33	1.78	No 0.296 Thermal Discharging
SOU083	363	'6719219_/_43976405'		0.83	3.33	3.33	0.296	0.5	3.33	1.78	No 0.296 Thermal Discharging
SOU083	364	'7784549_/_7784547'		2.2	10	10	0.896	10	10	5.33	No 0.896 Thermal Discharging
SOU083	365	'6779443_/_6779928'		0.87	3.33	3.33	0.296	0.5	3.33	1.78	No 0.296 Thermal Discharging
SOU083	366	'6718867_/_6718865'		1.1	3.33	3.33	0.296	0.5	3.33	1.78	No 0.296 Thermal Discharging
SOU083	367	'6782135_/_6782224'		0.97	3.33	3.33	0.296	1.1	3.33	1.78	No 0.296 Thermal Discharging
SOU083	368	'6796217_/_6796215'		0.83	3.33	3.33	0.296	0.5	3.33	1.78	No 0.296 Thermal Discharging
SOU083	369	'6777667_/_6777685'		2.4	10	10	0.896	2.5	10	5.33	No 0.896 Thermal Discharging
SOU083	370	'8733049_/_8733338'		2.2	10	10	0.896	10	10	5.33	No 0.896 Thermal Discharging
SOU083	371	'6781601_/_6782316'		0.9	3.33	3.33	0.296	0.6	3.33	1.78	No 0.296 Thermal Discharging
SOU083	372	'6779547_/_6779544'		0.8	3.33	3.33	0.296	0.5	3.33	1.78	No 0.296 Thermal Discharging
SOU083	373	'6798097_/_6798111'		2.5	10	10	0.896	2.3	10	5.33	No 0.896 Thermal Discharging
SOU083	374	'6779173_/_6779170'		2.4	10	10	0.896	2.5	10	5.33	No 0.896 Thermal Discharging
SOU083	375	'6779139_/_6779153'		2.4	10	10	0.896	2.5	10	5.33	No 0.896 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Over-Voltage Deviation	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
											VSR (MW)	Limiting Threshold
SOU083	376	'43988430_/_43988432'		0.8	3.33	3.33	0.296	0.83	3.33	1.78 No	0.296	Thermal Discharging
SOU083	377	'6777778_/_6777775'		2.4	10	10	0.896	2.5	10	5.33 No	0.896	Thermal Discharging
SOU083	378	'7042761_/_7114716'		1.6	6.67	6.67	0.6	1	6.67	3.55 No	0.6	Thermal Discharging
SOU083	379	'43988038_/_6779136'		2.4	10	10	0.896	2.5	10	5.33 No	0.896	Thermal Discharging
SOU083	380	'6780368_/_6780531'		0.97	3.33	3.33	0.296	0.3	3.33	1.78 No	0.296	Thermal Discharging
SOU083	381	'43988533_/_6780287'		0.83	3.33	3.33	0.296	0.5	3.33	1.78 No	0.296	Thermal Discharging
SOU083	382	'43988051_/_6779187'		2.4	10	10	0.896	2.5	10	5.33 No	0.896	Thermal Discharging
SOU083	383	'7461702_/_7461699_2'		0.83	3.33	3.33	0.296	0.77	3.33	1.78 No	0.296	Thermal Discharging
SOU083	384	'360991634_/_7113805_2'		0.8	3.33	3.33	0.296	0.83	3.33	1.78 No	0.296	Thermal Discharging
SOU083	385	'43988090_/_43988092'		0.87	3.33	3.33	0.296	0.83	3.33	1.78 No	0.296	Thermal Discharging
SOU083	386	'43976289_/_6718962'		1.07	3.33	3.33	0.296	0.5	3.33	1.78 No	0.296	Thermal Discharging
SOU083	387	'6795792_/_6796602'		0.83	3.33	3.33	0.296	0.5	3.33	1.78 No	0.296	Thermal Discharging
SOU083	388	'6796926_/_43992063'		0.93	3.33	3.33	0.296	0.77	3.33	1.78 No	0.296	Thermal Discharging
SOU083	389	'9050161_/_9050159'		2.1	10	10	0.896	10	10	5.33 No	0.896	Thermal Discharging
SOU083	390	'43988037_/_6779119'		2.4	10	10	0.896	2.5	10	5.33 No	0.896	Thermal Discharging
SOU083	391	'368451011_/_6779204'		2.4	10	10	0.896	2.5	10	5.33 No	0.896	Thermal Discharging
SOU083	392	'6717536_/_6717533'		2.4	10	10	0.896	1.6	10	5.33 No	0.896	Thermal Discharging
SOU083	393	'6717556_/_6717553'		2.4	10	10	0.896	1.6	10	5.33 No	0.896	Thermal Discharging
SOU083	394	'8416665_/_9364712'		2.1	10	10	0.896	10	10	5.33 No	0.896	Thermal Discharging
SOU083	395	'6779207_/_368451015'		2.4	10	10	0.896	2.5	10	5.33 No	0.896	Thermal Discharging
SOU083	396	'87165364_/_6782287'		0.8	3.33	3.33	0.296	0.5	3.33	1.78 No	0.296	Thermal Discharging
SOU083	397	'6782136_/_6782133'		0.97	3.33	3.33	0.296	1.1	3.33	1.78 No	0.296	Thermal Discharging
SOU083	398	'8416664_/_8416662'		2.1	10	10	0.896	10	10	5.33 No	0.896	Thermal Discharging
SOU083	399	'53379044_/_53378955'		2.3	10	10	0.896	1.6	10	5.33 No	0.896	Thermal Discharging
SOU083	400	'8733048_/_8733046'		2.2	10	10	0.896	10	10	5.33 No	0.896	Thermal Discharging
SOU083	401	'6715229_/_6720394'		1.07	3.33	3.33	0.296	0.5	3.33	1.78 No	0.296	Thermal Discharging
SOU083	402	'43988064_/_6779221'		2.4	10	10	0.896	2.5	10	5.33 No	0.896	Thermal Discharging
SOU083	403	'43976348_/_43976350'		1.07	3.33	3.33	0.296	0.5	3.33	1.78 No	0.296	Thermal Discharging
SOU083	404	'6779430_/_6779440'		0.83	3.33	3.33	0.296	0.5	3.33	1.78 No	0.296	Thermal Discharging
SOU083	405	'43991888_/_6796367'		0.8	3.33	3.33	0.296	0.5	3.33	1.78 No	0.296	Thermal Discharging
SOU083	406	'6779241_/_6779238'		2.4	10	10	0.896	2.5	10	5.33 No	0.896	Thermal Discharging
SOU083	407	'43976414_/_6719229'		0.8	3.33	3.33	0.296	0.5	3.33	1.78 No	0.296	Thermal Discharging
SOU083	408	'6718978_/_43976291'		1.07	3.33	3.33	0.296	0.5	3.33	1.78 No	0.296	Thermal Discharging
SOU083	409	'6797801_/_6798094'		2.4	10	10	0.896	2.3	10	5.33 No	0.896	Thermal Discharging
SOU083	410	'6779258_/_6779255'		2.4	10	10	0.896	2.5	10	5.33 No	0.896	Thermal Discharging
SOU083	411	'6719154_/_6719151'		1.03	3.33	3.33	0.296	0.5	3.33	1.78 No	0.296	Thermal Discharging
SOU083	412	'7775379_/_8404792_2'		0.8	3.33	3.33	0.296	0.3	3.33	1.78 No	0.296	Thermal Discharging
SOU083	413	'43976425_/_6719329'		1.03	3.33	3.33	0.296	0.53	3.33	1.78 No	0.296	Thermal Discharging
SOU083	414	'6796927_/_6796924'		0.93	3.33	3.33	0.296	0.77	3.33	1.78 No	0.296	Thermal Discharging
SOU083	415	'6779275_/_6779272'		2.4	10	10	0.896	2.5	10	5.33 No	0.896	Thermal Discharging
SOU083	416	'43988809_/_43988811'		0.87	3.33	3.33	0.296	0.6	3.33	1.78 No	0.296	Thermal Discharging
SOU083	417	'43988259_/_43988261'		0.77	3.33	3.33	0.296	0.5	3.33	1.78 No	0.296	Thermal Discharging
SOU083	418	'7461701_/_7461699_1'		0.83	3.33	3.33	0.296	0.3	3.33	1.78 No	0.296	Thermal Discharging
SOU083	419	'43988114_/_6777792'		2.3	10	10	0.896	2.5	10	5.33 No	0.896	Thermal Discharging
SOU083	420	'8416353_/_9050139'		2.1	10	10	0.896	10	10	5.33 No	0.896	Thermal Discharging
SOU083	421	'43988798_/_6781599'		0.87	3.33	3.33	0.296	0.6	3.33	1.78 No	0.296	Thermal Discharging
SOU083	422	'6780303_/_6780300'		0.8	3.33	3.33	0.296	0.5	3.33	1.78 No	0.296	Thermal Discharging
SOU083	423	'53379047_/_53378986'		2.3	10	10	0.896	1.6	10	5.33 No	0.896	Thermal Discharging
SOU083	424	'43988077_/_6779289'		2.4	10	10	0.896	2.5	10	5.33 No	0.896	Thermal Discharging
SOU083	425	'8416352_/_8416350'		2.1	10	10	0.896	10	10	5.33 No	0.896	Thermal Discharging
SOU083	426	'43988164_/_6779086'		0.77	3.33	3.33	0.296	0.5	3.33	1.78 No	0.296	Thermal Discharging
SOU083	427	'6777795_/_6781320_1'		2.3	10	10	0.896	2.5	10	5.33 No	0.896	Thermal Discharging
SOU083	428	'69570618_/_69570624'		2.1	10	10	0.896	10	10	5.33 No	0.896	Thermal Discharging
SOU083	429	'6726590_/_7113805_1'		0.77	3.33	3.33	0.296	0.83	3.33	1.78 No	0.296	Thermal Discharging
SOU083	430	'6777601_/_6779306'		2.4	10	10	0.896	2.5	10	5.33 No	0.896	Thermal Discharging
SOU083	431	'8106381_/_69570670'		2.1	10	10	0.896	10	10	5.33 No	0.896	Thermal Discharging
SOU083	432	'43992083_/_6796992'		0.97	3.33	3.33	0.296	0.3	3.33	1.78 No	0.296	Thermal Discharging
SOU083	433	'44047072_/_7042758'		1.53	6.67	6.67	0.6	1	6.67	3.55 No	0.6	Thermal Discharging
SOU083	434	'6777602_/_6777599'		2.3	10	10	0.896	2.5	10	5.33 No	0.896	Thermal Discharging
SOU083	435	'43975033_/_6715226'		1.03	3.33	3.33	0.296	0.5	3.33	1.78 No	0.296	Thermal Discharging
SOU083	436	'6719036_/_6719034'		1	3.33	3.33	0.296	0.5	3.33	1.78 No	0.296	Thermal Discharging
SOU083	437	'6779417_/_6779427'		0.8	3.33	3.33	0.296	0.5	3.33	1.78 No	0.296	Thermal Discharging
SOU083	438	'6718991_/_6718988'		1.03	3.33	3.33	0.296	0.5	3.33	1.78 No	0.296	Thermal Discharging
SOU083	439	'6777739_/_6777749'		0.87	3.33	3.33	0.296	0.83	3.33	1.78 No	0.296	Thermal Discharging
SOU083	440	'6717572_/_6718671'		2.2	10	10	0.896	1.6	10	5.33 No	0.896	Thermal Discharging
SOU083	441	'43991671_/_43991673'		0.77	3.33	3.33	0.296	0.5	3.33	1.78 No	0.296	Thermal Discharging
SOU083	442	'53379051_/_53379023'		2.2	10	10	0.896	1.6	10	5.33 No	0.896	Thermal Discharging
SOU083	443	'6773229_/_6777619'		2.3	10	10	0.896	2.5	10	5.33 No	0.896	Thermal Discharging
SOU083	444	'43988555_/_6782146'		0.9	3.33	3.33	0.296	1.1	3.33	1.78 No	0.296	Thermal Discharging
SOU083	445	'6719345_/_6719342'		1	3.33	3.33	0.296	0.53	3.33	1.78 No	0.296	Thermal Discharging
SOU083	446	'43976419_/_43976416'		0.77	3.33	3.33	0.296	0.5	3.33	1.78 No	0.296	Thermal Discharging
SOU083	447	'43988752_/_6781320_2'		2.2	10	10	0.896	2.5	10	5.33 No	0.896	Thermal Discharging
SOU083	448	'6798079_/_6798077'		2.3	10	10	0.896	2.3	10	5.33 No	0.896	Thermal Discharging
SOU083	449	'43988544_/_6780365'		0.9	3.33	3.33	0.296	0.3	3.33	1.78 No	0.296	Thermal Discharging
SOU083	450	'6773216_/_6773214_1'		0.77	3.33	3.33	0.296	0.2	3.33	1.78 No	0.2	Element Fault
SOU083	451	'584767961_/_584772696'		2.2	10	10	0.896	1.6	10	5.33 No	0.896	Thermal Discharging
SOU083	452	'7775380_/_7775377'		0.77	3.33	3.33	0.296	0.3	3.33	1.78 No	0.296	Thermal Discharging
SOU083	453	'6777527_/_6777524'		2.3	10	10	0.896	2.5	10	5.33 No	0.896	Thermal Discharging
SOU083	454	'6796561_/_43991890'		0.77	3.33	3.33	0.296	0.5	3.33	1.78 No	0.296	Thermal Discharging
SOU083	455	'6777103_/_6777113'		0.83	3.33	3.33	0.296	0.6	3.33	1.78 No	0.296	Thermal Discharging
SOU083	456	'43976370_/_6719164'		0.97	3.33	3.33	0.296	0.5	3.33	1.78 No	0.296	Thermal Discharging
SOU083	457	'7461686_/_9669546'		0.8	3.33	3.33	0.296	0.3	3.33	1.78 No	0.296	Thermal Discharging
SOU083	458	'6781615_/_6781612'		0.83	3.33	3.33	0.296	0.6	3.33	1.78 No	0.296	Thermal Discharging
SOU083	459	'6779482_/_6779492'		0.73	3.33	3.33	0.296	0.5	3.33	1.78 No	0.296	Thermal Discharging
SOU083	460	'6797800_/_6797798'		0.8	3.33	3.33	0.296	0.77	3.33	1.78 No	0.296	Thermal Discharging
SOU083	461	'6777544_/_6777541'		2.3	10	10	0.896	2.5	10	5.33 No	0.896	Thermal Discharging
SOU083	462	'6773217_/_6773214_2'		0.77	3.33	3.33	0.296	0.2	3.33	1.78 No	0.2	Element Fault
SOU083	463	'8096233_/_8096230'		0.9	3.3	3.33	0.296	1.17	3.33	1.78 No	0.296	Thermal Discharging
SOU083	464	'43976300_/_6719001'		0.97	3.33	3.33	0.296	0.5	3.33	1.78 No	0.296	Thermal Discharging
SOU083	465	'6780316_/_6780313'		0.77	3.33	3.33	0.296	0.5	3.33	1.78 No	0.296	Thermal Discharging
SOU083	466	'6796939_/_6804042'		0.93	3.33	3.33	0.296	0.77	3.33	1.78 No	0.296	Thermal Discharging
SOU083	467	'6779014_/_6779011'		0.73	3.33	3.33	0.296	0.5	3.33	1.78 No	0.296	Thermal Discharging
SOU083	468	'6719358_/_6719355'		0.97	3.33	3.33	0.296	0.53	3.33	1.78 No	0.296	Thermal Discharging
SOU083	469	'6726577_/_6726587'		0.73								

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SOU083	470	'6715203_/_6715213'		0.97	3.33	3.33	0.296	0.5	3.33	1.78 No	0.296 Thermal Discharging
SOU083	471	'6795766_/_6795776'		0.73	3.33	3.33	0.296	0.5	3.33	1.78 No	0.296 Thermal Discharging
SOU083	472	'111090252_/_9669218_2'		0.9	3.27	3.33	0.296	1.17	3.33	1.78 No	0.296 Thermal Discharging
SOU083	473	'43988197_/_43988199'		0.77	3.33	3.33	0.296	0.5	3.33	1.78 No	0.296 Thermal Discharging
SOU083	474	'6777233_/_9669218_1'		0.9	3.27	3.33	0.296	0.8	3.33	1.78 No	0.296 Thermal Discharging
SOU083	475	'6780380_/_6782159'		0.87	3.33	3.33	0.296	1.1	3.33	1.78 No	0.296 Thermal Discharging
SOU083	476	'6797008_/_6797005'		0.93	3.33	3.33	0.296	0.3	3.33	1.78 No	0.296 Thermal Discharging
SOU083	477	'6777738_/_6777736'		0.87	3.33	3.33	0.296	0.83	3.33	1.78 No	0.296 Thermal Discharging
SOU083	478	'7042731_/_7042743'		1.47	6.67	6.67	0.6	1	6.67	3.55 No	0.6 Thermal Discharging
SOU083	479	'6779469_/_6779479'		0.73	3.33	3.33	0.296	0.5	3.33	1.78 No	0.296 Thermal Discharging
SOU083	480	'584766219_/_584766216'		0.73	3.33	3.33	0.296	0.5	3.33	1.78 No	0.296 Thermal Discharging
SOU083	481	'6777404_/_6777558'		2.2	10	10	0.896	2.5	10	5.33 No	0.896 Thermal Discharging
SOU083	482	'6717351_/_6717570'		2.1	9.8	10	0.896	1.6	10	5.33 No	0.896 Thermal Discharging
SOU083	483	'6717218_/_6720407'		0.93	3.33	3.33	0.296	0.5	3.33	1.78 No	0.296 Thermal Discharging
SOU083	484	'43987994_/_6773240'		0.77	3.33	3.33	0.296	0.2	3.33	1.78 No	0.2 Element Fault
SOU083	485	'6719371_/_6719368'		0.97	3.33	3.33	0.296	0.53	3.33	1.78 No	0.296 Thermal Discharging
SOU083	486	'584772446_/_6777581_2'		1.47	6.67	6.67	0.6	1.67	6.67	3.55 No	0.6 Thermal Discharging
SOU083	487	'6777811_/_6781300'		2.1	9.5	10	0.896	2.5	10	5.33 No	0.896 Thermal Discharging
SOU083	488	'6747403_/_7113852'		0.93	3.33	3.33	0.296	0.5	3.33	1.78 No	0.296 Thermal Discharging
SOU083	489	'6773172_/_6777581_1'		1.47	6.67	6.67	0.6	0.4	6.67	3.55 No	0.4 Element Fault
SOU083	490	'43987818_/_6777100'		0.8	3.23	3.33	0.296	0.6	3.33	1.78 No	0.296 Thermal Discharging
SOU083	491	'6780354_/_6780352'		0.83	3.2	3.33	0.296	0.3	3.33	1.78 No	0.296 Thermal Discharging
SOU083	492	'43987829_/_6781625'		0.8	3.2	3.33	0.296	0.6	3.33	1.78 No	0.296 Thermal Discharging
SOU083	493	'43992050_/_6797811'		0.8	3.27	3.33	0.296	0.77	3.33	1.78 No	0.296 Thermal Discharging
SOU083	494	'6779391_/_6779401'		0.73	3.3	3.33	0.296	0.5	3.33	1.78 No	0.296 Thermal Discharging
SOU083	495	'8096701_/_8096698'		0.73	3.23	3.33	0.296	0.3	3.33	1.78 No	0.296 Thermal Discharging
SOU083	496	'6777405_/_6777402'		0.73	3.33	3.33	0.296	0.83	3.33	1.78 No	0.296 Thermal Discharging
SOU083	497	'6719387_/_6719384'		0.93	3.33	3.33	0.296	0.53	3.33	1.78 No	0.296 Thermal Discharging
SOU083	498	'43975022_/_43975024'		0.93	3.33	3.33	0.296	0.5	3.33	1.78 No	0.296 Thermal Discharging
SOU083	499	'6719180_/_6719177'		0.93	3.33	3.33	0.296	0.5	3.33	1.78 No	0.296 Thermal Discharging
SOU083	500	'6715190_/_6715187_2'		0.93	3.33	3.33	0.296	0.5	3.33	1.78 No	0.296 Thermal Discharging
SOU083	501	'43991899_/_43991901'		0.73	3.17	3.33	0.296	0.5	3.33	1.78 No	0.296 Thermal Discharging
SOU083	502	'7042713_/_7042728'		1.4	6.4	6.67	0.6	1	6.67	3.55 No	0.6 Thermal Discharging
SOU083	503	'6796940_/_6796937'		0.87	3.27	3.33	0.296	0.77	3.33	1.78 No	0.296 Thermal Discharging
SOU083	504	'6773285_/_43987996'		0.77	3.33	3.33	0.296	0.2	3.33	1.78 No	0.2 Element Fault
SOU083	505	'6779027_/_6779024'		0.7	3.33	3.33	0.296	0.5	3.33	1.78 No	0.296 Thermal Discharging
SOU083	506	'6797047_/_6797044'		0.87	3.33	3.33	0.296	0.3	3.33	1.78 No	0.296 Thermal Discharging
SOU083	507	'584771814_/_584766224'		0.7	3.33	3.33	0.296	0.5	3.33	1.78 No	0.296 Thermal Discharging
SOU083	508	'6777142_/_6777230'		0.83	3.1	3.33	0.296	0.8	3.33	1.78 No	0.296 Thermal Discharging
SOU083	509	'6780329_/_6780326'		0.73	3.23	3.33	0.296	0.5	3.33	1.78 No	0.296 Thermal Discharging
SOU083	510	'6747404_/_6747401'		0.93	3.33	3.33	0.296	0.5	3.33	1.78 No	0.296 Thermal Discharging
SOU083	511	'6795765_/_6795763'		0.7	3.13	3.33	0.296	0.5	3.33	1.78 No	0.296 Thermal Discharging
SOU083	512	'7461685_/_7461683'		0.73	3.2	3.33	0.296	0.3	3.33	1.78 No	0.296 Thermal Discharging
SOU083	513	'6726564_/_6726574'		0.7	3.17	3.33	0.296	0.83	3.33	1.78 No	0.296 Thermal Discharging
SOU083	514	'6777193_/_6781988'		0.83	3.07	3.33	0.296	0.8	3.33	1.78 No	0.296 Thermal Discharging
SOU083	515	'6717205_/_6717215'		0.9	3.33	3.33	0.296	0.5	3.33	1.78 No	0.296 Thermal Discharging
SOU083	516	'43988248_/_43988250'		0.67	3.13	3.33	0.296	0.5	3.33	1.78 No	0.296 Thermal Discharging
SOU083	517	'6777812_/_6777809'		2	9.1	10	0.896	2.5	10	5.33 No	0.896 Thermal Discharging
SOU083	518	'6773171_/_6773169'		1.47	6.6	6.67	0.6	0.4	6.67	3.55 No	0.4 Element Fault
SOU083	519	'89787719_/_7461171_2'		2	9.1	10	0.896	2.5	10	5.33 No	0.896 Thermal Discharging
SOU083	520	'6717590_/_6717587'		2	9.2	10	0.896	1.6	10	5.33 No	0.896 Thermal Discharging
SOU083	521	'9041158_/_9041155'		0.7	3.13	3.33	0.296	0.3	3.33	1.78 No	0.296 Thermal Discharging
SOU083	522	'45095370_/_6715187_1'		0.9	3.33	3.33	0.296	0.5	3.33	1.78 No	0.296 Thermal Discharging
SOU083	523	'6780381_/_6780378'		0.8	3.1	3.33	0.296	1	3.33	1.78 No	0.296 Thermal Discharging
SOU083	524	'43988016_/_6777415'		0.73	3.3	3.33	0.296	0.83	3.33	1.78 No	0.296 Thermal Discharging
SOU083	525	'6779055_/_43988294'		0.87	3.1	3.33	0.296	0.83	3.33	1.78 No	0.296 Thermal Discharging
SOU083	526	'347496522_/_347496524'		0.8	3.07	3.33	0.296	0.3	3.33	1.78 No	0.296 Thermal Discharging
SOU083	527	'71480646_/_71480672'		2	9	10	0.896	2.5	10	5.33 No	0.896 Thermal Discharging
SOU083	528	'291535592_/_6796953_1'		0.83	3.13	3.33	0.296	0.77	3.33	1.78 No	0.296 Thermal Discharging
SOU083	529	'7461173_/_7461171_1'		2	8.9	10	0.896	0.5	10	5.33 No	0.5 Element Fault
SOU083	530	'6780180_/_6780177'		0.9	3.33	3.33	0.296	0.5	3.33	1.78 No	0.296 Thermal Discharging
SOU083	531	'8404762_/_8404776'		0.73	3.1	3.33	0.296	0.3	3.33	1.78 No	0.296 Thermal Discharging
SOU083	532	'6773298_/_6773295'		0.73	3.3	3.33	0.296	0.2	3.33	1.78 No	0.2 Element Fault
SOU083	533	'6796383_/_6796380'		0.7	3.03	3.33	0.296	0.5	3.33	1.78 No	0.296 Thermal Discharging
SOU083	534	'43991716_/_6804241'		0.67	3.03	3.33	0.296	0.5	3.33	1.78 No	0.296 Thermal Discharging
SOU083	535	'291535578_/_6796953_2'		0.83	3.1	3.33	0.296	0.77	3.33	1.78 No	0.296 Thermal Discharging
SOU083	536	'6797060_/_6797057'		0.83	3.17	3.33	0.296	0.3	3.33	1.78 No	0.296 Thermal Discharging
SOU083	537	'43988623_/_6780339'		0.7	3.1	3.33	0.296	0.5	3.33	1.78 No	0.296 Thermal Discharging
SOU083	538	'6726551_/_6726561'		0.67	3.07	3.33	0.296	0.83	3.33	1.78 No	0.296 Thermal Discharging
SOU083	539	'89787576_/_71480643'		1.9	8.8	10	0.896	2.5	10	5.33 No	0.896 Thermal Discharging
SOU083	540	'6779378_/_6779388'		0.7	3.1	3.33	0.296	0.5	3.33	1.78 No	0.296 Thermal Discharging
SOU083	541	'89787733_/_71480789_1'		1.9	8.8	10	0.896	0.9	10	5.33 No	0.896 Thermal Discharging
SOU083	542	'6796914_/_43992052'		0.83	3.07	3.33	0.296	0.77	3.33	1.78 No	0.296 Thermal Discharging
SOU083	543	'345674930_/_7775393_1'		0.67	3.07	3.33	0.296	0.5	3.33	1.78 No	0.296 Thermal Discharging
SOU083	544	'44047061_/_7042710'		0.7	3.03	3.33	0.296	0.5	3.33	1.78 No	0.296 Thermal Discharging
SOU083	545	'6719193_/_6719190'		0.87	3.33	3.33	0.296	0.5	3.33	1.78 No	0.296 Thermal Discharging
SOU083	546	'6779455_/_6779453'		0.67	3.03	3.33	0.296	0.5	3.33	1.78 No	0.296 Thermal Discharging
SOU083	547	'6777154_/_43987831'		0.73	3	3.33	0.296	0.6	3.33	1.78 No	0.296 Thermal Discharging
SOU083	548	'6780342_/_6780654_1'		0.7	3.07	3.33	0.296	0.5	3.33	1.78 No	0.296 Thermal Discharging
SOU083	549	'7775364_/_8404760_1'		0.7	3.03	3.33	0.296	0.5	3.33	1.78 No	0.296 Thermal Discharging
SOU083	550	'89787647_/_71480789_2'		1.9	8.7	10	0.896	0.9	10	5.33 No	0.896 Thermal Discharging
SOU083	551	'6779043_/_6779040'		0.67	3.13	3.33	0.296	0.5	3.33	1.78 No	0.296 Thermal Discharging
SOU083	552	'6777064_/_6777087'		0.73	2.97	3.33	0.296	0.6	3.33	1.78 No	0.296 Thermal Discharging
SOU083	553	'43987840_/_6777191'		0.8	2.9	3.33	0.296	0.8	3.33	1.78 No	0.296 Thermal Discharging
SOU083	554	'6719016_/_6720420'		1.9	8.7	10	0.896	1.6	10	5.33 No	0.896 Thermal Discharging
SOU083	555	'43988419_/_43988421'		0.8	2.9	3.33	0.296	0.8	3.33	1.78 No	0.296 Thermal Discharging
SOU083	556	'507010850_/_507010718_2'		1.9	8.7	10	0.896	1.6	10	5.33 No	0.896 Thermal Discharging
SOU083	557	'6777376_/_6777373'		0.7	3.2	3.33	0.296	0.2	3.33	1.78 No	0.2 Element Fault
SOU083	558	'43975780_/_6717202'		0.83	3.23	3.33	0.296	0.5	3.33	1.78 No	0.296 Thermal Discharging
SOU083	559	'43988139_/_43988141'		1.4	6.2	6.67	0.6	0.4	6.67	3.55 No	0.4 Element Fault
SOU083	560	'6780394_/_6780391'		0.77	2.93	3.33	0.296	1	3.33	1.78 No	0.296 Thermal Discharging
SOU083	561	'6796396_/_6796393'		0.67	2.93	3.33	0.296	0.5	3.33	1.78 No	0.296 Thermal Discharging
SOU083	562	'6780657_/_6780654_2'		0.67	3	3.33	0.296	0.5	3.33	1.78 No	0.296 Thermal Discharging
SOU083	563	'6773187_/_6773184_2'		1.4	6.13	6.67	0.6	0.4	6.67	3.55 No	0.4 Element Fault

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
											VSR (MW)	Limiting Threshold
SOU083	564	'584772194_/_347496542'		0.77	2.9	3.33	0.296	0.3	3.33	1.78 No	0.296	Thermal Discharging
SOU083	565	'43988454_/_6779375'		0.67	2.97	3.33	0.296	0.5	3.33	1.78 No	0.296	Thermal Discharging
SOU083	566	'43988027_/_6777428'		0.73	3.07	3.33	0.296	0.83	3.33	1.78 No	0.296	Thermal Discharging
SOU083	567	'6777155_/_6777152'		0.73	2.87	3.33	0.296	0.6	3.33	1.78 No	0.296	Thermal Discharging
SOU083	568	'6726538_/_6726548'		0.63	2.9	3.33	0.296	0.83	3.33	1.78 No	0.296	Thermal Discharging
SOU083	569	'43988465_/_43988467'		0.63	2.9	3.33	0.296	0.5	3.33	1.78 No	0.296	Thermal Discharging
SOU083	570	'6803491_/_6803488'		0.8	2.93	3.33	0.296	0.77	3.33	1.78 No	0.296	Thermal Discharging
SOU083	571	'507010702_/_507010718_1'		1.8	8.4	10	0.896	0.9	10	5.33 No	0.896	Thermal Discharging
SOU083	572	'6777051_/_6777061'		0.7	2.87	3.33	0.296	0.6	3.33	1.78 No	0.296	Thermal Discharging
SOU083	573	'43992133_/_6797070'		0.8	3	3.33	0.296	0.3	3.33	1.78 No	0.296	Thermal Discharging
SOU083	574	'6797073_/_6797756_1'		0.8	2.97	3.33	0.296	0.3	3.33	1.78 No	0.296	Thermal Discharging
SOU083	575	'43976381_/_7113865'		0.83	3.1	3.33	0.296	0.5	3.33	1.78 No	0.296	Thermal Discharging
SOU083	576	'6777128_/_6777126'		0.77	2.77	3.33	0.296	0.8	3.33	1.78 No	0.296	Thermal Discharging
SOU083	577	'6780614_/_6780667'		0.63	2.87	3.33	0.296	0.5	3.33	1.78 No	0.296	Thermal Discharging
SOU083	578	'6780407_/_6780404_1'		0.73	2.8	3.33	0.296	1	3.33	1.78 No	0.296	Thermal Discharging
SOU083	579	'6777207_/_43987842'		0.77	2.77	3.33	0.296	0.8	3.33	1.78 No	0.296	Thermal Discharging
SOU083	580	'43988127_/_6773184_1'		1.33	5.87	6.67	0.6	0.4	6.67	3.55 No	0.4	Element Fault
SOU083	581	'7042687_/_7042697'		0.67	2.8	3.33	0.296	0.5	3.33	1.78 No	0.296	Thermal Discharging
SOU083	582	'43988634_/_6780404_2'		0.73	2.8	3.33	0.296	1	3.33	1.78 No	0.296	Thermal Discharging
SOU083	583	'584772184_/_347496510'		0.73	2.77	3.33	0.296	0.3	3.33	1.78 No	0.296	Thermal Discharging
SOU083	584	'6717179_/_6717189'		0.8	3.03	3.33	0.296	0.5	3.33	1.78 No	0.296	Thermal Discharging
SOU083	585	'43975824_/_43975826'		0.63	3.1	3.33	0.296	0.53	3.33	1.78 No	0.296	Thermal Discharging
SOU083	586	'43991936_/_6796406'		0.63	2.73	3.33	0.296	0.5	3.33	1.78 No	0.296	Thermal Discharging
SOU083	587	'6777038_/_6777048'		0.67	2.77	3.33	0.296	0.6	3.33	1.78 No	0.296	Thermal Discharging
SOU083	588	'6726537_/_6726535'		0.6	2.77	3.33	0.296	0.83	3.33	1.78 No	0.296	Thermal Discharging
SOU083	589	'6779325_/_6779323'		0.63	2.8	3.33	0.296	0.5	3.33	1.78 No	0.296	Thermal Discharging
SOU083	590	'6764940_/_6764937'		0.8	2.97	3.33	0.296	0.5	3.33	1.78 No	0.296	Thermal Discharging
SOU083	591	'6797759_/_6797756_2'		0.77	2.83	3.33	0.296	0.3	3.33	1.78 No	0.296	Thermal Discharging
SOU083	592	'43987939_/_6777165'		0.7	2.73	3.33	0.296	0.6	3.33	1.78 No	0.296	Thermal Discharging
SOU083	593	'6777444_/_43988029'		0.73	2.87	3.33	0.296	0.83	3.33	1.78 No	0.296	Thermal Discharging
SOU083	594	'6726492_/_7113792'		0.6	2.73	3.33	0.296	0.5	3.33	1.78 No	0.296	Thermal Discharging
SOU083	595	'6780120_/_6780118_2'		0.63	2.73	3.33	0.296	0.5	3.33	1.78 No	0.296	Thermal Discharging
SOU083	596	'6796630_/_43991938'		0.63	2.67	3.33	0.296	0.5	3.33	1.78 No	0.296	Thermal Discharging
SOU083	597	'6717662_/_6725903'		0.77	2.97	3.33	0.296	0.53	3.33	1.78 No	0.296	Thermal Discharging
SOU083	598	'43988787_/_6781560'		0.73	2.63	3.33	0.296	0.8	3.33	1.78 No	0.296	Thermal Discharging
SOU083	599	'43988186_/_43988188'		0.73	2.63	3.33	0.296	0.8	3.33	1.78 No	0.296	Thermal Discharging
SOU083	600	'43977245_/_6780118_1'		0.63	2.73	3.33	0.296	0.5	3.33	1.78 No	0.296	Thermal Discharging
SOU083	601	'6717325_/_6717335'		0.6	2.97	3.33	0.296	0.53	3.33	1.78 No	0.296	Thermal Discharging
SOU083	602	'44047050_/_44047052'		0.63	2.67	3.33	0.296	0.5	3.33	1.78 No	0.296	Thermal Discharging
SOU083	603	'6777829_/_6777844'		1.27	5.53	6.67	0.6	0.4	6.67	3.55 No	0.4	Element Fault
SOU083	604	'43988612_/_6780612'		0.6	2.7	3.33	0.296	0.5	3.33	1.78 No	0.296	Thermal Discharging
SOU083	605	'75814890_/_6777454_1'		0.73	2.8	3.33	0.296	0.83	3.33	1.78 No	0.296	Thermal Discharging
SOU083	606	'43991693_/_43991718'		0.6	2.63	3.33	0.296	0.5	3.33	1.78 No	0.296	Thermal Discharging
SOU083	607	'6717178_/_6717176'		0.77	2.87	3.33	0.296	0.5	3.33	1.78 No	0.296	Thermal Discharging
SOU083	608	'43987807_/_6777035'		0.67	2.63	3.33	0.296	0.6	3.33	1.78 No	0.296	Thermal Discharging
SOU083	609	'6777457_/_6777454_2'		0.73	2.77	3.33	0.296	0.83	3.33	1.78 No	0.296	Thermal Discharging
SOU083	610	'6773146_/_6777178'		0.67	2.6	3.33	0.296	0.6	3.33	1.78 No	0.296	Thermal Discharging
SOU083	611	'43991947_/_6796628'		0.6	2.6	3.33	0.296	0.5	3.33	1.78 No	0.296	Thermal Discharging
SOU083	612	'6780559_/_43988636'		0.7	2.6	3.33	0.296	1	3.33	1.78 No	0.296	Thermal Discharging
SOU083	613	'6781576_/_43988789'		0.7	2.57	3.33	0.296	0.8	3.33	1.78 No	0.296	Thermal Discharging
SOU083	614	'43977256_/_43977258'		0.57	2.6	3.33	0.296	0.5	3.33	1.78 No	0.296	Thermal Discharging
SOU083	615	'7042648_/_7042658'		0.63	2.57	3.33	0.296	0.5	3.33	1.78 No	0.296	Thermal Discharging
SOU083	616	'6779339_/_6779349'		0.7	2.5	3.33	0.296	0.8	3.33	1.78 No	0.296	Thermal Discharging
SOU083	617	'6777828_/_6777826'		1.2	5.27	6.67	0.6	0.4	6.67	3.55 No	0.4	Element Fault
SOU083	618	'6717312_/_6717322'		0.57	2.8	3.33	0.296	0.53	3.33	1.78 No	0.296	Thermal Discharging
SOU083	619	'6717661_/_6717659'		0.77	2.8	3.33	0.296	0.53	3.33	1.78 No	0.296	Thermal Discharging
SOU083	620	'6780560_/_6780557'		0.67	2.53	3.33	0.296	1	3.33	1.78 No	0.296	Thermal Discharging
SOU083	621	'6796644_/_43991949'		0.6	2.53	3.33	0.296	0.5	3.33	1.78 No	0.296	Thermal Discharging
SOU083	622	'67777219_/_6781586'		0.67	2.5	3.33	0.296	0.8	3.33	1.78 No	0.296	Thermal Discharging
SOU083	623	'6780628_/_6780625'		0.57	2.57	3.33	0.296	0.5	3.33	1.78 No	0.296	Thermal Discharging
SOU083	624	'45095739_/_6726476'		0.57	2.53	3.33	0.296	0.5	3.33	1.78 No	0.296	Thermal Discharging
SOU083	625	'6777077_/_6779336'		0.7	2.47	3.33	0.296	0.8	3.33	1.78 No	0.296	Thermal Discharging
SOU083	626	'6726465_/_7113779'		0.57	2.57	3.33	0.296	0.5	3.33	1.78 No	0.296	Thermal Discharging
SOU083	627	'6773145_/_6773143'		0.63	2.5	3.33	0.296	0.6	3.33	1.78 No	0.296	Thermal Discharging
SOU083	628	'6777011_/_6777009'		0.63	2.5	3.33	0.296	0.6	3.33	1.78 No	0.296	Thermal Discharging
SOU083	629	'7042635_/_7042645'		0.6	2.5	3.33	0.296	0.5	3.33	1.78 No	0.296	Thermal Discharging
SOU083	630	'43991958_/_6796670'		0.6	2.5	3.33	0.296	0.5	3.33	1.78 No	0.296	Thermal Discharging
SOU083	631	'584772764_/_6796654'		0.6	2.5	3.33	0.296	0.5	3.33	1.78 No	0.296	Thermal Discharging
SOU083	632	'43988601_/_6780570'		0.63	2.47	3.33	0.296	1	3.33	1.78 No	0.296	Thermal Discharging
SOU083	633	'6717311_/_43975815'		0.57	2.67	3.33	0.296	0.53	3.33	1.78 No	0.296	Thermal Discharging
SOU083	634	'43987851_/_6777243'		0.63	2.4	3.33	0.296	0.6	3.33	1.78 No	0.296	Thermal Discharging
SOU083	635	'6780641_/_6780638'		0.57	2.47	3.33	0.296	0.5	3.33	1.78 No	0.296	Thermal Discharging
SOU083	636	'43987950_/_6777217'		0.67	2.4	3.33	0.296	0.8	3.33	1.78 No	0.296	Thermal Discharging
SOU083	637	'43988175_/_43988177'		0.67	2.37	3.33	0.296	0.8	3.33	1.78 No	0.296	Thermal Discharging
SOU083	638	'6726466_/_6726463'		0.57	2.47	3.33	0.296	0.5	3.33	1.78 No	0.296	Thermal Discharging
SOU083	639	'6725892_/_43977112'		0.7	2.63	3.33	0.296	0.53	3.33	1.78 No	0.296	Thermal Discharging
SOU083	640	'43977201_/_43977203'		0.6	2.4	3.33	0.296	0.6	3.33	1.78 No	0.296	Thermal Discharging
SOU083	641	'7042622_/_7042632'		0.57	2.4	3.33	0.296	0.5	3.33	1.78 No	0.296	Thermal Discharging
SOU083	642	'6780586_/_6780583'		0.63	2.4	3.33	0.296	1	3.33	1.78 No	0.296	Thermal Discharging
SOU083	643	'69569084_/_6773156'		0.63	2.33	3.33	0.296	0.8	3.33	1.78 No	0.296	Thermal Discharging
SOU083	644	'6796686_/_6796683'		0.57	2.37	3.33	0.296	0.5	3.33	1.78 No	0.296	Thermal Discharging
SOU083	645	'43991705_/_43991695'		0.53	2.37	3.33	0.296	0.5	3.33	1.78 No	0.296	Thermal Discharging
SOU083	646	'6777259_/_6777256'		0.6	2.33	3.33	0.296	0.6	3.33	1.78 No	0.296	Thermal Discharging
SOU083	647	'6777272_/_6777269'		0.6	2.3	3.33	0.296	0.6	3.33	1.78 No	0.296	Thermal Discharging
SOU083	648	'6777024_/_6777022'		0.63	2.27	3.33	0.296	0.8	3.33	1.78 No	0.296	Thermal Discharging
SOU083	649	'7042609_/_7042619'		0.57	2.3	3.33	0.296	0.5	3.33	1.78 No	0.296	Thermal Discharging
SOU083	650	'6726278_/_6726288'		0.57	2.3	3.33	0.296	0.6	3.33	1.78 No	0.296	Thermal Discharging
SOU083	651	'6780599_/_6780596'		0.6	2.3	3.33	0.296	1	3.33	1.78 No	0.296	Thermal Discharging
SOU083	652	'6777285_/_6777282'		0.57	2.27	3.33	0.296	0.6	3.33	1.78 No	0.296	Thermal Discharging
SOU083	653	'6796699_/_6796696'		0.53	2.27	3.33	0.296	0.5	3.33	1.78 No	0.296	Thermal Discharging
SOU083	654	'6780107_/_6780105'		0.6	2.2	3.33	0.296	0.8	3.33	1.78 No	0.296	Thermal Discharging
SOU083	655	'6726265_/_6726275'		0.57	2.23	3.33	0.296	0.6	3.33	1.78 No	0.296	

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SOU083	658	'43977234_/_7113766'	0.6	2.13	3.33	0.296	0.8	3.33	1.78 No	0.296	Thermal Discharging
SOU083	659	'43991269_/_6796709'	0.5	2.17	3.33	0.296	0.5	3.33	1.78 No	0.296	Thermal Discharging
SOU083	660	'43991682_/_43991707'	0.47	2.13	3.33	0.296	0.5	3.33	1.78 No	0.296	Thermal Discharging
SOU083	661	'43977190_/_43977192'	0.53	2.13	3.33	0.296	0.6	3.33	1.78 No	0.296	Thermal Discharging
SOU083	662	'6777311_/_43987864'	0.53	2.07	3.33	0.296	0.6	3.33	1.78 No	0.296	Thermal Discharging
SOU083	663	'6796725_/_43991971'	0.5	2.1	3.33	0.296	0.5	3.33	1.78 No	0.296	Thermal Discharging
SOU083	664	'491420541_/_43976313'	1.3	5.9	10	0.896	1.6	10	5.33 No	0.896	Thermal Discharging
SOU083	665	'6726303_/_6726301'	0.57	2.03	3.33	0.296	0.8	3.33	1.78 No	0.296	Thermal Discharging
SOU083	666	'6804230_/_6804228'	0.47	2.07	3.33	0.296	0.5	3.33	1.78 No	0.296	Thermal Discharging
SOU083	667	'6726226_/_6726236'	0.5	2.03	3.33	0.296	0.6	3.33	1.78 No	0.296	Thermal Discharging
SOU083	668	'6726356_/_6726366'	0.57	2	3.33	0.296	0.8	3.33	1.78 No	0.296	Thermal Discharging
SOU083	669	'6777324_/_6777321'	0.53	2	3.33	0.296	0.6	3.33	1.78 No	0.296	Thermal Discharging
SOU083	670	'6796738_/_6796735'	0.47	2	3.33	0.296	0.5	3.33	1.78 No	0.296	Thermal Discharging
SOU083	671	'44046266_/_44046268'	0.47	2	3.33	0.296	0.5	3.33	1.78 No	0.296	Thermal Discharging
SOU083	672	'6726225_/_43977181'	0.5	1.97	3.33	0.296	0.6	3.33	1.78 No	0.296	Thermal Discharging
SOU083	673	'43987873_/_6777334'	0.5	1.93	3.33	0.296	0.6	3.33	1.78 No	0.296	Thermal Discharging
SOU083	674	'6796751_/_6796748'	0.47	1.97	3.33	0.296	0.5	3.33	1.78 No	0.296	Thermal Discharging
SOU083	675	'43977223_/_6726353'	0.53	1.9	3.33	0.296	0.8	3.33	1.78 No	0.296	Thermal Discharging
SOU083	676	'7027412_/_7043903'	0.43	1.9	3.33	0.296	0.5	3.33	1.78 No	0.296	Thermal Discharging
SOU083	677	'6777350_/_43987875'	0.5	1.9	3.33	0.296	0.6	3.33	1.78 No	0.296	Thermal Discharging
SOU083	678	'674988905_/_674988807_1'	0.5	1.9	3.33	0.296	0.3	3.33	1.78 No	0.296	Thermal Discharging
SOU083	679	'43991980_/_6796761'	0.47	1.9	3.33	0.296	0.5	3.33	1.78 No	0.296	Thermal Discharging
SOU083	680	'6726330_/_6726340'	0.5	1.83	3.33	0.296	0.8	3.33	1.78 No	0.296	Thermal Discharging
SOU083	681	'674988810_/_674988807_2'	0.5	1.87	3.33	0.296	0.3	3.33	1.78 No	0.296	Thermal Discharging
SOU083	682	'674988826_/_674988823'	0.5	1.83	3.33	0.296	0.3	3.33	1.78 No	0.296	Thermal Discharging
SOU083	683	'6772804_/_6777360'	0.47	1.83	3.33	0.296	0.6	3.33	1.78 No	0.296	Thermal Discharging
SOU083	684	'6726317_/_6726327'	0.5	1.8	3.33	0.296	0.8	3.33	1.78 No	0.296	Thermal Discharging
SOU083	685	'6796617_/_6796774'	0.43	1.83	3.33	0.296	0.5	3.33	1.78 No	0.296	Thermal Discharging
SOU083	686	'6772974_/_674988839'	0.47	1.8	3.33	0.296	0.3	3.33	1.78 No	0.296	Thermal Discharging
SOU083	687	'6726316_/_43977214'	0.5	1.77	3.33	0.296	0.8	3.33	1.78 No	0.296	Thermal Discharging
SOU083	688	'6772805_/_6772802'	0.47	1.77	3.33	0.296	0.6	3.33	1.78 No	0.296	Thermal Discharging
SOU083	689	'6796618_/_6796615'	0.43	1.8	3.33	0.296	0.5	3.33	1.78 No	0.296	Thermal Discharging
SOU083	690	'467372160_/_467372038'	0.4	1.9	3.33	0.296	0.53	3.33	1.78 No	0.296	Thermal Discharging
SOU083	691	'6772961_/_6772971'	0.47	1.77	3.33	0.296	0.3	3.33	1.78 No	0.296	Thermal Discharging
SOU083	692	'6772987_/_6772984'	0.47	1.73	3.33	0.296	0.3	3.33	1.78 No	0.296	Thermal Discharging
SOU083	693	'6796789_/_6796813'	0.43	1.73	3.33	0.296	0.5	3.33	1.78 No	0.296	Thermal Discharging
SOU083	694	'43987884_/_6772815'	0.47	1.73	3.33	0.296	0.6	3.33	1.78 No	0.296	Thermal Discharging
SOU083	695	'43987917_/_43987919'	0.47	1.7	3.33	0.296	0.3	3.33	1.78 No	0.296	Thermal Discharging
SOU083	696	'6773000_/_6772997'	0.43	1.7	3.33	0.296	0.3	3.33	1.78 No	0.296	Thermal Discharging
SOU083	697	'43991991_/_6796787'	0.4	1.7	3.33	0.296	0.5	3.33	1.78 No	0.296	Thermal Discharging
SOU083	698	'6772831_/_6772828'	0.43	1.67	3.33	0.296	0.6	3.33	1.78 No	0.296	Thermal Discharging
SOU083	699	'6772935_/_6772945'	0.43	1.67	3.33	0.296	0.3	3.33	1.78 No	0.296	Thermal Discharging
SOU083	700	'6796803_/_6796800'	0.4	1.67	3.33	0.296	0.5	3.33	1.78 No	0.296	Thermal Discharging
SOU083	701	'43987928_/_6773010'	0.43	1.67	3.33	0.296	0.3	3.33	1.78 No	0.296	Thermal Discharging
SOU083	702	'6772844_/_6772841'	0.43	1.63	3.33	0.296	0.6	3.33	1.78 No	0.296	Thermal Discharging
SOU083	703	'43987906_/_43987908'	0.43	1.63	3.33	0.296	0.3	3.33	1.78 No	0.296	Thermal Discharging
SOU083	704	'43992002_/_6796852'	0.4	1.63	3.33	0.296	0.5	3.33	1.78 No	0.296	Thermal Discharging
SOU083	705	'6773094_/_6773091'	0.43	1.6	3.33	0.296	0.6	3.33	1.78 No	0.296	Thermal Discharging
SOU083	706	'6773026_/_6773023'	0.43	1.6	3.33	0.296	0.3	3.33	1.78 No	0.296	Thermal Discharging
SOU083	707	'6772909_/_6772919'	0.43	1.6	3.33	0.296	0.3	3.33	1.78 No	0.296	Thermal Discharging
SOU083	708	'6773120_/_6773117_1'	0.4	1.57	3.33	0.296	0.6	3.33	1.78 No	0.296	Thermal Discharging
SOU083	709	'43987961_/_6773117_2'	0.4	1.57	3.33	0.296	0.6	3.33	1.78 No	0.296	Thermal Discharging
SOU083	710	'6773039_/_6773036'	0.4	1.57	3.33	0.296	0.3	3.33	1.78 No	0.296	Thermal Discharging
SOU083	711	'6773064_/_6773104_1'	0.4	1.53	3.33	0.296	0.3	3.33	1.78 No	0.296	Thermal Discharging
SOU083	712	'43987972_/_6773104_2'	0.4	1.53	3.33	0.296	0.3	3.33	1.78 No	0.296	Thermal Discharging
SOU083	713	'6773133_/_43987963'	0.4	1.53	3.33	0.296	0.6	3.33	1.78 No	0.296	Thermal Discharging
SOU083	714	'6773065_/_43987974'	0.4	1.5	3.33	0.296	0.3	3.33	1.78 No	0.296	Thermal Discharging
SOU083	715	'6773255_/_6777639'	0.4	1.5	3.33	0.296	0.6	3.33	1.78 No	0.296	Thermal Discharging
SOU083	716	'6773078_/_6773075'	0.4	1.47	3.33	0.296	0.3	3.33	1.78 No	0.296	Thermal Discharging
SOU083	717	'6773256_/_6773253'	0.37	1.47	3.33	0.296	0.6	3.33	1.78 No	0.296	Thermal Discharging
SOU083	718	'6777655_/_6777652'	0.37	1.47	3.33	0.296	0.3	3.33	1.78 No	0.296	Thermal Discharging
SOU083	719	'6773272_/_6773269'	0.37	1.43	3.33	0.296	0.6	3.33	1.78 No	0.296	Thermal Discharging
SOU084	0	'SOU084_/_9039311'	10	10	10	0.432	10	10	5.55 No	0.432	Thermal Discharging
SOU084	1	'7773533_/_9039311'	10	10	10	0.432	10	10	5.55 No	0.432	Thermal Discharging
SOU084	2	'52014545_/_7773531'	10	10	10	0.432	10	10	5.55 No	0.432	Thermal Discharging
SOU084	3	'49208045_/_8442648_2'	10	10	10	0.432	10	10	5.55 No	0.432	Thermal Discharging
SOU084	4	'7169810_/_8442648_1'	10	10	10	0.432	10	10	5.55 No	0.432	Thermal Discharging
SOU084	5	'466270923_/_52014273'	10	10	10	0.432	10	10	5.55 No	0.432	Thermal Discharging
SOU084	6	'584424384_/_52014306'	10	10	10	0.432	10	10	5.55 No	0.432	Thermal Discharging
SOU084	7	'52014330_/_584424382'	10	10	10	0.432	10	10	5.55 No	0.432	Thermal Discharging
SOU084	8	'52014351_/_52014327'	10	10	10	0.432	10	10	5.55 No	0.432	Thermal Discharging
SOU084	9	'52014372_/_52014348'	10	10	10	0.432	10	10	5.55 No	0.432	Thermal Discharging
SOU084	10	'52014393_/_52014369'	10	10	10	0.432	10	10	5.55 No	0.432	Thermal Discharging
SOU084	11	'52014414_/_52014390'	10	10	10	0.432	10	10	5.55 No	0.432	Thermal Discharging
SOU084	12	'52014435_/_52014411'	10	10	10	0.432	10	10	5.55 No	0.432	Thermal Discharging
SOU084	13	'52014456_/_52014432'	10	10	10	0.432	10	10	5.55 No	0.432	Thermal Discharging
SOU084	14	'52014563_/_52014453'	10	10	10	0.432	10	10	5.55 No	0.432	Thermal Discharging
SOU084	15	'52014573_/_7169828'	10	10	10	0.432	10	10	5.55 No	0.432	Thermal Discharging
SOU084	16	'52014562_/_52014474'	10	10	10	0.432	10	10	5.55 No	0.432	Thermal Discharging
SOU084	17	'49207998_/_52014571'	10	10	10	0.432	10	10	5.55 No	0.432	Thermal Discharging
SOU084	18	'49207975_/_49207995'	10	10	10	0.432	10	10	5.55 No	0.432	Thermal Discharging
SOU084	19	'49207950_/_49207972'	10	10	10	0.432	10	10	5.55 No	0.432	Thermal Discharging
SOU084	20	'49207923_/_49207947'	10	10	10	0.432	10	10	5.55 No	0.432	Thermal Discharging
SOU084	21	'49207894_/_49207920'	10	10	10	0.432	10	10	5.55 No	0.432	Thermal Discharging
SOU084	22	'70258175_/_49207891'	10	10	10	0.432	10	10	5.55 No	0.432	Thermal Discharging
SOU084	23	'54499514_/_54499455'	10	10	10	0.432	10	10	5.55 No	0.432	Thermal Discharging
SOU084	24	'54499547_/_54499517'	10	10	10	0.432	10	10	5.55 No	0.432	Thermal Discharging
SOU084	25	'54499576_/_54499550'	10	10	10	0.432	10	10	5.55 No	0.432	Thermal Discharging
SOU084	26	'54499581_/_54499579'	10	10	10	0.432	10	10	5.55 No	0.432	Thermal Discharging
SOU084	27	'54499623_/_54499600'	10	10	10	0.432	10	10	5.55 No	0.432	Thermal Discharging
SOU084	28	'54499655_/_54499625'	10	10	10	0.432	10	10	5.55 No	0.432	Thermal Discharging
SOU084	29	'54499684_/_54499658'	10	10	10	0.432	10	10	5.55 No	0.432	Thermal Discharging
SOU084	30	'54499713_/_54499687'	10	10	10	0.432	10	10	5.55 No	0.432	Thermal Discharging
SOU084	31	'54499718_/_54499716'	10	10	10	0.432	10	10	5.55 No	0.432	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over- Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SOU084	32	'54499784_/54499737'		10	10	10	0.432	10	10	5.55 No	0.432 Thermal Discharging
SOU084	33	'54499785_/54499762'		10	10	10	0.432	10	10	5.55 No	0.432 Thermal Discharging
SOU084	34	'54499896_/54499787'		10	10	10	0.432	10	10	5.55 No	0.432 Thermal Discharging
SOU084	35	'59958910_/54499845'		10	10	10	0.432	10	10	5.55 No	0.432 Thermal Discharging
SOU084	36	'390100046_/390100048'		10	10	10	0.432	10	10	5.55 No	0.432 Thermal Discharging
SOU084	37	'390100066_/390100068'		10	10	10	0.432	10	10	5.55 No	0.432 Thermal Discharging
SOU084	38	'390100086_/390100088'		10	10	10	0.432	10	10	5.55 No	0.432 Thermal Discharging
SOU084	39	'584424398_/584424396'		10	10	10	0.432	10	10	5.55 No	0.432 Thermal Discharging
SOU084	40	'71591103_/54499874'		10	10	10	0.432	10	10	5.55 No	0.432 Thermal Discharging
SOU084	41	'390100106_/7159117'		10	10	10	0.432	10	10	5.55 No	0.432 Thermal Discharging
SOU084	42	'390100126_/390100108'		10	10	10	0.432	10	10	5.55 No	0.432 Thermal Discharging
SOU084	43	'390100146_/390100128'		10	10	10	0.432	10	10	5.55 No	0.432 Thermal Discharging
SOU084	44	'390100166_/390100148'		10	10	10	0.432	10	10	5.55 No	0.432 Thermal Discharging
SOU084	45	'584424412_/390100168'		10	10	10	0.432	10	10	5.55 No	0.432 Thermal Discharging
SOU084	46	'390100186_/584424410'		10	10	10	0.432	10	10	5.55 No	0.432 Thermal Discharging
SOU084	47	'71591120_/390100188'		10	10	10	0.432	10	10	5.55 No	0.432 Thermal Discharging
SOU084	48	'390100206_/7159137'		10	10	10	0.432	10	10	5.55 No	0.432 Thermal Discharging
SOU084	49	'390100228_/390100208'		10	10	10	0.432	10	10	5.55 No	0.432 Thermal Discharging
SOU084	50	'390100250_/390100230'		10	10	10	0.432	10	10	5.55 No	0.432 Thermal Discharging
SOU084	51	'654141984_/390100252'		10	10	10	0.432	10	10	5.55 No	0.432 Thermal Discharging
SOU084	52	'390100272_/654141988'		10	10	10	0.432	10	10	5.55 No	0.432 Thermal Discharging
SOU084	53	'390100294_/390100274'		10	10	10	0.432	10	10	5.55 No	0.432 Thermal Discharging
SOU084	54	'390100316_/390100296'		10	10	10	0.432	10	10	5.55 No	0.432 Thermal Discharging
SOU084	55	'390100338_/390100318'		10	10	10	0.432	10	10	5.55 No	0.432 Thermal Discharging
SOU084	56	'390100360_/390100340'		10	10	10	0.432	10	10	5.55 No	0.432 Thermal Discharging
SOU084	57	'390100393_/390100362'		10	10	10	0.432	10	10	5.55 No	0.432 Thermal Discharging
SOU084	58	'390100420_/390100397'		10	10	10	0.432	10	10	5.55 No	0.432 Thermal Discharging
SOU084	59	'390100440_/390100422'		10	10	10	0.432	10	10	5.55 No	0.432 Thermal Discharging
SOU084	60	'390100460_/390100442'		10	10	10	0.432	10	10	5.55 No	0.432 Thermal Discharging
SOU084	61	'390100480_/390100462'		10	10	10	0.432	10	10	5.55 No	0.432 Thermal Discharging
SOU084	62	'49173222_/390100482'		10	10	10	0.432	10	10	5.55 No	0.432 Thermal Discharging
SOU084	63	'357417925_/7159154'		10	10	10	0.432	10	10	5.55 No	0.432 Thermal Discharging
SOU084	64	'357417905_/357417927'		10	10	10	0.432	10	10	5.55 No	0.432 Thermal Discharging
SOU084	65	'357417885_/357417907'		10	10	10	0.432	10	10	5.55 No	0.432 Thermal Discharging
SOU084	66	'357417865_/357417887'		10	10	10	0.432	10	10	5.55 No	0.432 Thermal Discharging
SOU084	67	'357417825_/357417867'		10	10	10	0.432	10	10	5.55 No	0.432 Thermal Discharging
SOU084	68	'357417845_/357417827'		10	10	10	0.432	10	10	5.55 No	0.432 Thermal Discharging
SOU084	69	'49173219_/357417847'		10	10	10	0.432	10	10	5.55 No	0.432 Thermal Discharging
SOU084	70	'70258296_/70258254'		10	10	10	0.432	10	10	5.55 No	0.432 Thermal Discharging
SOU084	71	'390100500_/390100502'		10	10	10	0.432	10	10	5.55 No	0.432 Thermal Discharging
SOU084	72	'390100520_/390100522'		10	10	10	0.432	10	10	5.55 No	0.432 Thermal Discharging
SOU084	73	'390100540_/390100542'		10	10	10	0.432	10	10	5.55 No	0.432 Thermal Discharging
SOU084	74	'390100573_/390100575'		10	10	10	0.432	10	10	5.55 No	0.432 Thermal Discharging
SOU084	75	'390100593_/390100595'		10	10	10	0.432	10	10	5.55 No	0.432 Thermal Discharging
SOU084	76	'390100613_/390100615'		10	10	10	0.432	10	10	5.55 No	0.432 Thermal Discharging
SOU084	77	'390100633_/390100635'		10	10	10	0.432	10	10	5.55 No	0.432 Thermal Discharging
SOU084	78	'390100653_/390100655'		10	10	10	0.432	10	10	5.55 No	0.432 Thermal Discharging
SOU084	79	'390100707_/390100675'		10	10	10	0.432	10	10	5.55 No	0.432 Thermal Discharging
SOU084	80	'390100752_/7159171'		10	10	10	0.432	10	10	5.55 No	0.432 Thermal Discharging
SOU084	81	'44159138_/390100754'		10	10	10	0.432	10	10	5.55 No	0.432 Thermal Discharging
SOU084	82	'8436912_/8436910_1'		10	10	10	0.432	10	10	5.55 No	0.432 Thermal Discharging
SOU084	83	'8436913_/8436910_2'		10	10	10	0.432	10	10	5.55 No	0.432 Thermal Discharging
SOU084	84	'69569415_/9408612_2'		10	10	10	0.432	10	10	5.55 No	0.432 Thermal Discharging
SOU084	85	'52735185_/9408612_1'		10	10	10	0.432	10	10	5.55 No	0.432 Thermal Discharging
SOU084	86	'52734709_/7164437'		10	10	10	0.432	10	10	5.55 No	0.432 Thermal Discharging
SOU084	87	'52734742_/52734706'		10	10	10	0.432	10	10	5.55 No	0.432 Thermal Discharging
SOU084	88	'52734872_/52734739'		10	10	10	0.432	10	10	5.55 No	0.432 Thermal Discharging
SOU084	89	'52735155_/6780193_2'	3.33	3.33	3.33	0.144	1	3.33	1.85 No	0.144 Thermal Discharging	
SOU084	90	'52734922_/52734845'	10	10	10	0.432	10	10	10	5.55 No	0.432 Thermal Discharging
SOU084	91	'52734877_/52734895'	10	10	10	0.432	10	10	10	5.55 No	0.432 Thermal Discharging
SOU084	92	'52734927_/52734874'	10	10	10	0.432	10	10	10	5.55 No	0.432 Thermal Discharging
SOU084	93	'7164440_/52734924'	10	10	10	0.432	10	10	10	5.55 No	0.432 Thermal Discharging
SOU084	94	'7164474_/7164471'	10	10	10	0.432	10	10	10	5.55 No	0.432 Thermal Discharging
SOU084	95	'52734968_/7164454'	10	10	10	0.432	10	10	10	5.55 No	0.432 Thermal Discharging
SOU084	96	'7164418_/52734965'	10	10	10	0.432	10	10	10	5.55 No	0.432 Thermal Discharging
SOU084	97	'584424367_/584424364'	10	10	10	0.432	10	10	10	5.55 No	0.432 Thermal Discharging
SOU084	98	'53353671_/7164416'	10	10	10	0.432	10	10	10	5.55 No	0.432 Thermal Discharging
SOU084	99	'53353648_/53353668'	10	10	10	0.432	10	10	10	5.55 No	0.432 Thermal Discharging
SOU084	100	'31377436_/53353645'	10	10	10	0.432	10	10	10	5.55 No	0.432 Thermal Discharging
SOU084	101	'53353593_/53353620'	10	10	10	0.432	10	10	10	5.55 No	0.432 Thermal Discharging
SOU084	102	'53353599_/53353590'	10	10	10	0.432	10	10	10	5.55 No	0.432 Thermal Discharging
SOU084	103	'53354424_/7164375'	10	10	10	0.432	10	10	10	5.55 No	0.432 Thermal Discharging
SOU084	104	'53354401_/53354421'	10	10	10	0.432	10	10	10	5.55 No	0.432 Thermal Discharging
SOU084	105	'6726671_/430552304'	10	10	10	0.432	10	10	10	5.55 No	0.432 Thermal Discharging
SOU084	106	'86073262_/6780193_1'	3.33	3.33	3.33	0.144	0.5	3.33	1.85 No	0.144 Thermal Discharging	
SOU084	107	'430552281_/53354398_2'	10	10	10	0.432	10	10	10	5.55 No	0.432 Thermal Discharging
SOU084	108	'43977292_/6726668'	10	10	10	0.432	10	10	10	5.55 No	0.432 Thermal Discharging
SOU084	109	'43977279_/6726651'	10	10	10	0.432	10	10	10	5.55 No	0.432 Thermal Discharging
SOU084	110	'6726620_/6726634'	10	10	10	0.432	10	10	10	5.55 No	0.432 Thermal Discharging
SOU084	111	'6726603_/6726617'	10	10	10	0.432	10	10	10	5.55 No	0.432 Thermal Discharging
SOU084	112	'6724041_/6726600'	10	10	10	0.432	10	10	10	5.55 No	0.432 Thermal Discharging
SOU084	113	'43988489_/86073256'	3.33	3.33	3.33	0.144	0.5	3.33	1.85 No	0.144 Thermal Discharging	
SOU084	114	'43976195_/6724038'	10	10	10	0.432	10	10	10	5.55 No	0.432 Thermal Discharging
SOU084	115	'6724007_/6724021'	10	10	10	0.432	10	10	10	5.55 No	0.432 Thermal Discharging
SOU084	116	'43976182_/6724004'	10	10	10	0.432	10	10	10	5.55 No	0.432 Thermal Discharging
SOU084	117	'52735576_/6724373'	10	10	10	0.432	10	10	10	5.55 No	0.432 Thermal Discharging
SOU084	118	'73981547_/73981544'	10	10	10	0.432	10	10	10	5.55 No	0.432 Thermal Discharging
SOU084	119	'6722569_/43974941'	10	10	10	0.432	10	10	10	5.55 No	0.432 Thermal Discharging
SOU084	120	'64768522_/73981516'	10	10	10	0.432	10	10	10	5.55 No	0.432 Thermal Discharging
SOU084	121	'398446540_/398446331_1'	10	10	10	0.432	1.5	10	10	5.55 No	0.432 Thermal Discharging
SOU084	122	'43974924_/43974926'	10	10	10	0.432	10	10	10	5.55 No	0.432 Thermal Discharging
SOU084	123	'73981490_/73981495'	10	10	10	0.432	10	10	10	5.55 No	0.432 Thermal Discharging
SOU084	124	'6722535_/6722566'	10	10	10	0.432	10	10	10	5.55 No	0.432 Thermal Discharging
SOU084	125	'6711876_/73981460'	10	10	10	0.432	10	10	10	5.55 No	0.432 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SOU084	126	'6722518_/_6722532'	10	10	10	0.432	10	10	5.55 No	0.432	Thermal Discharging
SOU084	127	'64768564_/_73981432'	10	10	10	0.432	10	10	5.55 No	0.432	Thermal Discharging
SOU084	128	'584425234_/_7162629_1'	10	10	10	0.432	2.5	10	5.55 No	0.432	Thermal Discharging
SOU084	129	'584425721_/_7162629_2'	10	10	10	0.432	2.5	10	5.55 No	0.432	Thermal Discharging
SOU084	130	'6714846_/_6714844'	10	10	10	0.432	2.5	10	5.55 No	0.432	Thermal Discharging
SOU084	131	'73981407_/_73981411'	10	10	10	0.432	10	10	5.55 No	0.432	Thermal Discharging
SOU084	132	'43974911_/_43974913'	10	10	10	0.432	10	10	5.55 No	0.432	Thermal Discharging
SOU084	133	'54993395_/_73981374'	10	10	10	0.432	10	10	5.55 No	0.432	Thermal Discharging
SOU084	134	'398446334_/_398446331_2'	10	10	10	0.432	1.5	10	5.55 No	0.432	Thermal Discharging
SOU084	135	'6780212_/_43988491'	3.33	3.33	3.33	0.144	0.5	3.33	1.85 No	0.144	Thermal Discharging
SOU084	136	'54658123_/_6722498'	10	10	10	0.432	10	10	5.55 No	0.432	Thermal Discharging
SOU084	137	'73981648_/_73981349_1'	10	10	10	0.432	2.5	10	5.55 No	0.432	Thermal Discharging
SOU084	138	'6711808_/_73981349_2'	10	10	10	0.432	2.5	10	5.55 No	0.432	Thermal Discharging
SOU084	139	'54993500_/_43974751_2'	6.67	6.67	6.67	0.288	3.1	6.67	3.7 No	0.288	Thermal Discharging
SOU084	140	'55005232_/_6722481'	10	10	10	0.432	10	10	5.55 No	0.432	Thermal Discharging
SOU084	141	'73981611_/_6725070_1'	10	10	10	0.432	2.3	10	5.55 No	0.432	Thermal Discharging
SOU084	142	'6725036_/_7162629_3'	10	10	10	0.432	2.5	10	5.55 No	0.432	Thermal Discharging
SOU084	143	'6724968_/_6725070_2'	10	10	10	0.432	2.3	10	5.55 No	0.432	Thermal Discharging
SOU084	144	'349878606_/_43974872'	10	10	10	0.432	2.5	10	5.55 No	0.432	Thermal Discharging
SOU084	145	'584425483_/_566833509'	10	10	10	0.432	2.5	10	5.55 No	0.432	Thermal Discharging
SOU084	146	'43974749_/_43974751_1'	6.67	6.67	6.67	0.288	1	6.67	3.7 No	0.288	Thermal Discharging
SOU084	147	'6780225_/_6780222'	3.33	3.33	3.33	0.144	0.5	3.33	1.85 No	0.144	Thermal Discharging
SOU084	148	'398446352_/_398446349'	10	10	10	0.432	1.5	10	5.55 No	0.432	Thermal Discharging
SOU084	149	'6711791_/_6711805'	10	10	10	0.432	2.5	10	5.55 No	0.432	Thermal Discharging
SOU084	150	'43976903_/_6724966'	10	10	10	0.432	2.3	10	5.55 No	0.432	Thermal Discharging
SOU084	151	'43974857_/_43974859'	10	10	10	0.432	2.5	10	5.55 No	0.432	Thermal Discharging
SOU084	152	'6714584_/_6714594'	6.67	6.67	6.67	0.288	1	6.67	3.7 No	0.288	Thermal Discharging
SOU084	153	'478641612_/_398446386_1'	10	10	10	0.432	1.5	10	5.55 No	0.432	Thermal Discharging
SOU084	154	'6724986_/_6724983'	10	10	10	0.432	2.3	10	5.55 No	0.432	Thermal Discharging
SOU084	155	'43976170_/_6725034'	6.67	6.67	6.67	0.288	1.67	6.67	3.7 No	0.288	Thermal Discharging
SOU084	156	'6714583_/_6714581_2'	6.67	6.67	6.67	0.288	1	6.67	3.7 No	0.288	Thermal Discharging
SOU084	157	'6714813_/_6714827'	10	10	10	0.432	2.5	10	5.55 No	0.432	Thermal Discharging
SOU084	158	'421721872_/_398446386_2'	10	10	10	0.432	1.5	10	5.55 No	0.432	Thermal Discharging
SOU084	159	'43988500_/_6780235'	3.33	3.33	3.33	0.144	0.5	3.33	1.85 No	0.144	Thermal Discharging
SOU084	160	'6711774_/_6711788'	10	10	10	0.432	2.5	10	5.55 No	0.432	Thermal Discharging
SOU084	161	'43974737_/_6714581_1'	6.67	6.67	6.67	0.288	1	6.67	3.7 No	0.288	Thermal Discharging
SOU084	162	'43976916_/_6725000'	10	10	10	0.432	2.3	10	5.55 No	0.432	Thermal Discharging
SOU084	163	'584424425_/_6714810'	10	10	10	0.432	2.5	10	5.55 No	0.432	Thermal Discharging
SOU084	164	'6714480_/_6714490_2'	3.33	3.33	3.33	0.144	0.83	3.33	1.85 No	0.144	Thermal Discharging
SOU084	165	'43974677_/_6714490_1'	3.33	3.33	3.33	0.144	0.83	3.33	1.85 No	0.144	Thermal Discharging
SOU084	166	'6780251_/_6780248'	3.33	3.33	3.33	0.144	0.5	3.33	1.85 No	0.144	Thermal Discharging
SOU084	167	'6725020_/_43976918'	10	10	10	0.432	2.3	10	5.55 No	0.432	Thermal Discharging
SOU084	168	'6718771_/_43976172'	6.67	6.67	6.67	0.288	1.67	6.67	3.7 No	0.288	Thermal Discharging
SOU084	169	'6718732_/_6720348'	3.33	3.33	3.33	0.144	0.83	3.33	1.85 No	0.144	Thermal Discharging
SOU084	170	'6711757_/_6711771'	10	10	10	0.432	2.5	10	5.55 No	0.432	Thermal Discharging
SOU084	171	'584424351_/_6714790'	10	10	10	0.432	2.5	10	5.55 No	0.432	Thermal Discharging
SOU084	172	'6726830_/_6726827'	10	10	10	0.432	2.3	10	5.55 No	0.432	Thermal Discharging
SOU084	173	'584424350_/_584424348'	10	10	10	0.432	2.5	10	5.55 No	0.432	Thermal Discharging
SOU084	174	'6718733_/_6718730'	3.33	3.33	3.33	0.144	0.83	3.33	1.85 No	0.144	Thermal Discharging
SOU084	175	'6714467_/_6714477'	3.33	3.33	3.33	0.144	0.83	3.33	1.85 No	0.144	Thermal Discharging
SOU084	176	'6765017_/_6780261'	3.33	3.33	3.33	0.144	0.5	3.33	1.85 No	0.144	Thermal Discharging
SOU084	177	'6718772_/_6718769'	6.67	6.67	6.67	0.288	1.67	6.67	3.7 No	0.288	Thermal Discharging
SOU084	178	'43977331_/_6726847'	10	10	10	0.432	2.3	10	5.55 No	0.432	Thermal Discharging
SOU084	179	'480130236_/_480130216_1'	10	10	10	0.432	0.9	10	5.55 No	0.432	Thermal Discharging
SOU084	180	'6711740_/_6711754'	10	10	10	0.432	2.5	10	5.55 No	0.432	Thermal Discharging
SOU084	181	'6714776_/_6718648'	10	10	10	0.432	2.5	10	5.55 No	0.432	Thermal Discharging
SOU084	182	'43976159_/_6718743'	3.33	3.33	3.33	0.144	0.83	3.33	1.85 No	0.144	Thermal Discharging
SOU084	183	'54993511_/_6714892_2'	6.67	6.67	6.67	0.288	1.67	6.67	3.7 No	0.288	Thermal Discharging
SOU084	184	'43974666_/_6714464'	3.33	3.33	3.33	0.144	0.83	3.33	1.85 No	0.144	Thermal Discharging
SOU084	185	'6726505_/_6726502'	6.67	6.67	6.67	0.288	1.67	6.67	3.7 No	0.288	Thermal Discharging
SOU084	186	'7773946_/_480130216_2'	10	10	10	0.432	0.9	10	5.55 No	0.432	Thermal Discharging
SOU084	187	'6711723_/_6711737'	10	10	10	0.432	2.5	10	5.55 No	0.432	Thermal Discharging
SOU084	188	'43974844_/_6714773'	10	10	10	0.432	2.5	10	5.55 No	0.432	Thermal Discharging
SOU084	189	'584425946_/_6714753'	10	10	10	0.432	2.5	10	5.55 No	0.432	Thermal Discharging
SOU084	190	'584425287_/_43974635_3'	3.33	3.33	3.33	0.144	0.83	3.33	1.85 No	0.144	Thermal Discharging
SOU084	191	'584425913_/_43974635_2'	3.33	3.33	3.33	0.144	0.83	3.33	1.85 No	0.144	Thermal Discharging
SOU084	192	'6764910_/_6765015'	3.33	3.33	3.33	0.144	0.5	3.33	1.85 No	0.144	Thermal Discharging
SOU084	193	'6714720_/_6714717_2'	3.33	3.33	3.33	0.144	0.83	3.33	1.85 No	0.144	Thermal Discharging
SOU084	194	'43974633_/_43974635_1'	3.33	3.33	3.33	0.144	0.83	3.33	1.85 No	0.144	Thermal Discharging
SOU084	195	'6714331_/_6714328_2'	3.33	3.33	3.33	0.144	0.83	3.33	1.85 No	0.144	Thermal Discharging
SOU084	196	'6726520_/_6726517'	6.67	6.67	6.67	0.288	1.67	6.67	3.7 No	0.288	Thermal Discharging
SOU084	197	'6718759_/_6718756'	3.33	3.33	3.33	0.144	0.83	3.33	1.85 No	0.144	Thermal Discharging
SOU084	198	'6714877_/_6714892_1'	6.67	6.67	6.67	0.288	1	6.67	3.7 No	0.288	Thermal Discharging
SOU084	199	'6714453_/_6714451'	3.33	3.33	3.33	0.144	0.83	3.33	1.85 No	0.144	Thermal Discharging
SOU084	200	'43976148_/_6720335'	3.33	3.33	3.33	0.144	0.83	3.33	1.85 No	0.144	Thermal Discharging
SOU084	201	'6711706_/_6711720'	10	10	10	0.432	2.5	10	5.55 No	0.432	Thermal Discharging
SOU084	202	'6714318_/_6714328_1'	3.33	3.33	3.33	0.144	0.83	3.33	1.85 No	0.144	Thermal Discharging
SOU084	203	'6718720_/_6718717'	3.33	3.33	3.33	0.144	0.83	3.33	1.85 No	0.144	Thermal Discharging
SOU084	204	'43985010_/_6764908'	3.33	3.33	3.33	0.144	0.5	3.33	1.85 No	0.144	Thermal Discharging
SOU084	205	'6714305_/_6714315'	3.33	3.33	3.33	0.144	0.83	3.33	1.85 No	0.144	Thermal Discharging
SOU084	206	'6726440_/_6726437'	2.37	3.33	3.33	0.144	0.83	3.33	1.85 No	0.144	Thermal Discharging
SOU084	207	'482897590_/_482897607'	6.2	10	10	0.432	0.9	10	5.55 No	0.432	Thermal Discharging
SOU084	208	'6726398_/_6726395'	3.33	3.33	3.33	0.144	0.83	3.33	1.85 No	0.144	Thermal Discharging
SOU084	209	'6714292_/_6714302'	3.33	3.33	3.33	0.144	0.83	3.33	1.85 No	0.144	Thermal Discharging
SOU084	210	'6711689_/_6711703'	4.6	10	10	0.432	2.5	10	5.55 No	0.432	Thermal Discharging
SOU084	211	'6726453_/_6726450'	1.83	3.33	3.33	0.144	0.83	3.33	1.85 No	0.144	Thermal Discharging
SOU084	212	'584425555_/_6711924_1'	1.53	3.33	3.33	0.144	0.83	3.33	1.85 No	0.144	Thermal Discharging
SOU084	213	'6714535_/_6714874'	3.4	6.67	6.67	0.288	1	6.67	3.7 No	0.288	Thermal Discharging
SOU084	214	'584425573_/_6711924_2'	1.53	3.33	3.33	0.144	0.83	3.33	1.85 No	0.144	Thermal Discharging
SOU084	215	'6726414_/_6726411'	3.33	3.33	3.33	0.144	0.83	3.33	1.85 No	0.144	Thermal Discharging
SOU084	216	'6714291_/_43974624'	3.33	3.33	3.33	0.144	0.83	3.33	1.85 No	0.144	Thermal Discharging
SOU084	217	'45293975_/_6764924'	3.33	3.33	3.33	0.144	0.5	3.33	1.85 No	0.144	Thermal Discharging
SOU084	218	'6714522_/_6714532'	1.57	3.33	3.33	0.144	0.5	3.33	1.85 No	0.144	Thermal Discharging
SOU084	219	'43974289_/_6711924_3'	1.57	3.33	3.33	0.144	0.83	3.33	1.85 No	0.144	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SOU084	220	'6726157_/_6726155'	3.7		10	10	0.432	2.5	10	5.55 No	0.432 Thermal Discharging
SOU084	221	'6718693_/_6720322'	1.57		3.33	3.33	0.144	0.85	3.33	1.85 No	0.144 Thermal Discharging
SOU084	222	'6714509_/_6714519'	1.47		3.33	3.33	0.144	0.5	3.33	1.85 No	0.144 Thermal Discharging
SOU084	223	'8094973_/_8094970_1'	2.4		6.67	6.67	0.288	0.6	6.67	3.7 No	0.288 Thermal Discharging
SOU084	224	'6714508_/_43974716'	1.4		3.33	3.33	0.144	0.5	3.33	1.85 No	0.144 Thermal Discharging
SOU084	225	'8094972_/_8094970_2'	2.2		6.67	6.67	0.288	0.6	6.67	3.7 No	0.288 Thermal Discharging
SOU084	226	'6714185_/_6714195'	1.6		3.33	3.33	0.144	0.83	3.33	1.85 No	0.144 Thermal Discharging
SOU084	227	'43976137_/_6718691'	1.6		3.33	3.33	0.144	0.83	3.33	1.85 No	0.144 Thermal Discharging
SOU084	228	'7039474_/_7114061'	3.1		10	10	0.432	2.5	10	5.55 No	0.432 Thermal Discharging
SOU084	229	'7473899_/_8107202_1'	1.03		3.33	3.33	0.144	0.3	3.33	1.85 No	0.144 Thermal Discharging
SOU084	230	'8107205_/_8107202_2'	1.03		3.33	3.33	0.144	0.3	3.33	1.85 No	0.144 Thermal Discharging
SOU084	231	'6718707_/_43976139'	1.63		3.33	3.33	0.144	0.83	3.33	1.85 No	0.144 Thermal Discharging
SOU084	232	'6714184_/_43974591'	1.63		3.33	3.33	0.144	0.83	3.33	1.85 No	0.144 Thermal Discharging
SOU084	233	'6726382_/_6726379'	1.63		3.33	3.33	0.144	0.83	3.33	1.85 No	0.144 Thermal Discharging
SOU084	234	'6726427_/_6726424'	1.67		3.33	3.33	0.144	0.83	3.33	1.85 No	0.144 Thermal Discharging
SOU085	0	'SOU085_/_52559060'	10		10	10	2.064	10	10	6.02 No	2.064 Thermal Discharging
SOU085	1	'52559054_/_52559060'	10		10	10	2.064	10	10	6.02 No	2.064 Thermal Discharging
SOU085	2	'52559083_/_57078418'	10		10	10	2.064	10	10	6.02 No	2.064 Thermal Discharging
SOU085	3	'114634864_/_52559085_1'	10		10	10	2.064	10	10	6.02 No	2.064 Thermal Discharging
SOU085	4	'6746993_/_52559085_2'	10		10	10	2.064	10	10	6.02 No	2.064 Thermal Discharging
SOU085	5	'43981548_/_6747007'	10		10	10	2.064	10	10	6.02 No	2.064 Thermal Discharging
SOU085	6	'43981535_/_43981537'	10		10	10	2.064	10	10	6.02 No	2.064 Thermal Discharging
SOU085	7	'6747027_/_43981550'	10		10	10	2.064	10	10	6.02 No	2.064 Thermal Discharging
SOU085	8	'6745316_/_6758150'	10		10	10	2.064	10	10	6.02 No	2.064 Thermal Discharging
SOU085	9	'6758170_/_6758167'	10		10	10	2.064	10	10	6.02 No	2.064 Thermal Discharging
SOU085	10	'43984090_/_6761112'	10		10	10	2.064	10	10	6.02 No	2.064 Thermal Discharging
SOU085	11	'6745317_/_6745334_1'	10		10	10	2.064	1.5	10	6.02 No	1.5 Element Fault
SOU085	12	'6758379_/_43984092'	10		10	10	2.064	10	10	6.02 No	2.064 Thermal Discharging
SOU085	13	'6758380_/_6758377'	10		10	10	2.064	10	10	6.02 No	2.064 Thermal Discharging
SOU085	14	'6742128_/_6758394'	10		10	10	2.064	10	10	6.02 No	2.064 Thermal Discharging
SOU085	15	'43981854_/_6758411'	10		10	10	2.064	10	10	6.02 No	2.064 Thermal Discharging
SOU085	16	'102060650_/_6742143_1'	10		10	10	2.064	2.3	10	6.02 No	2.064 Thermal Discharging
SOU085	17	'6758431_/_43981856'	10		10	10	2.064	10	10	6.02 No	2.064 Thermal Discharging
SOU085	18	'6758448_/_6758445'	10		10	10	2.064	10	10	6.02 No	2.064 Thermal Discharging
SOU085	19	'43981867_/_6758462'	10		10	10	2.064	10	10	6.02 No	2.064 Thermal Discharging
SOU085	20	'6758482_/_43981869'	10		10	10	2.064	10	10	6.02 No	2.064 Thermal Discharging
SOU085	21	'6745337_/_6745334_2'	10		10	10	2.064	1.5	10	6.02 No	1.5 Element Fault
SOU085	22	'8403792_/_8403790_1'	10		10	10	2.064	1.5	10	6.02 No	1.5 Element Fault
SOU085	23	'57078649_/_6758496_1'	10		10	10	2.064	10	10	6.02 No	2.064 Thermal Discharging
SOU085	24	'580305424_/_6761039'	10		10	10	2.064	10	10	6.02 No	2.064 Thermal Discharging
SOU085	25	'6761042_/_580305422'	10		10	10	2.064	10	10	6.02 No	2.064 Thermal Discharging
SOU085	26	'43984103_/_6761149'	10		10	10	2.064	10	10	6.02 No	2.064 Thermal Discharging
SOU085	27	'43984116_/_6761186'	10		10	10	2.064	10	10	6.02 No	2.064 Thermal Discharging
SOU085	28	'580305410_/_43984118'	10		10	10	2.064	10	10	6.02 No	2.064 Thermal Discharging
SOU085	29	'6742146_/_6742143_2'	10		10	10	2.064	2.3	10	6.02 No	2.064 Thermal Discharging
SOU085	30	'6758515_/_580305408'	10		10	10	2.064	10	10	6.02 No	2.064 Thermal Discharging
SOU085	31	'8095887_/_9668954_1'	10		10	10	2.064	1.5	10	6.02 No	1.5 Element Fault
SOU085	32	'9668957_/_9668954_2'	10		10	10	2.064	1.5	10	6.02 No	1.5 Element Fault
SOU085	33	'8403793_/_8403790_2'	10		10	10	2.064	1.5	10	6.02 No	1.5 Element Fault
SOU085	34	'6758516_/_6758513'	10		10	10	2.064	10	10	6.02 No	2.064 Thermal Discharging
SOU085	35	'6745357_/_6745354'	10		10	10	2.064	1.5	10	6.02 No	1.5 Element Fault
SOU085	36	'6760187_/_6760184'	10		10	10	2.064	10	10	6.02 No	2.064 Thermal Discharging
SOU085	37	'6742350_/_6742347'	10		10	10	2.064	2.3	10	6.02 No	2.064 Thermal Discharging
SOU085	38	'6761236_/_6761233'	10		10	10	2.064	10	10	6.02 No	2.064 Thermal Discharging
SOU085	39	'6761252_/_6761267'	10		10	10	2.064	10	10	6.02 No	2.064 Thermal Discharging
SOU085	40	'580306531_/_7774579_1'	10		10	10	2.064	1.5	10	6.02 No	1.5 Element Fault
SOU085	41	'6761287_/_6761284'	10		10	10	2.064	10	10	6.02 No	2.064 Thermal Discharging
SOU085	42	'6742163_/_6742160'	10		10	10	2.064	2.3	10	6.02 No	2.064 Thermal Discharging
SOU085	43	'6761304_/_6761301'	10		10	10	2.064	10	10	6.02 No	2.064 Thermal Discharging
SOU085	44	'7774582_/_7774579_2'	10		10	10	2.064	1.5	10	6.02 No	1.5 Element Fault
SOU085	45	'6761321_/_6761318'	10		10	10	2.064	10	10	6.02 No	2.064 Thermal Discharging
SOU085	46	'89461752_/_108922004'	10		10	10	2.064	1.5	10	6.02 No	1.5 Element Fault
SOU085	47	'6761338_/_6761335'	10		10	10	2.064	10	10	6.02 No	2.064 Thermal Discharging
SOU085	48	'148974853_/_108921954_2'	10		10	10	2.064	1.5	10	6.02 No	1.5 Element Fault
SOU085	49	'43983953_/_6745903'	6.67		6.67	6.67	1.376	1	6.67	4.02 No	1 Element Fault
SOU085	50	'7133162_/_6761352'	10		10	10	2.064	10	10	6.02 No	2.064 Thermal Discharging
SOU085	51	'6742180_/_6742177'	10		10	10	2.064	2.3	10	6.02 No	2.064 Thermal Discharging
SOU085	52	'303934825_/_6761406_1'	10		10	10	2.064	1.5	10	6.02 No	1.5 Element Fault
SOU085	53	'9355087_/_9355084'	10		10	10	2.064	1.5	10	6.02 No	1.5 Element Fault
SOU085	54	'131297664_/_108921954_1'	10		10	10	2.064	1.5	10	6.02 No	1.5 Element Fault
SOU085	55	'8115908_/_43984144'	10		10	10	2.064	10	10	6.02 No	2.064 Thermal Discharging
SOU085	56	'628446565_/_6473376540'	10		10	10	2.064	10	10	6.02 No	2.064 Thermal Discharging
SOU085	57	'628445801_/_628446573'	10		10	10	2.064	10	10	6.02 No	2.064 Thermal Discharging
SOU085	58	'637593889_/_628445917_1'	10		10	10	2.064	10	10	6.02 No	2.064 Thermal Discharging
SOU085	59	'108921776_/_131297761'	10		10	10	2.064	1.5	10	6.02 No	1.5 Element Fault
SOU085	60	'628445826_/_628445809'	10		10	10	2.064	4.6	10	6.02 No	2.064 Thermal Discharging
SOU085	61	'43981711_/_6745888'	6.67		6.67	6.67	1.376	1	6.67	4.02 No	1 Element Fault
SOU085	62	'628446351_/_628446241_1'	10		10	10	2.064	0.9	10	6.02 No	0.9 Element Fault
SOU085	63	'637593676_/_628445917_2'	10		10	10	2.064	10	10	6.02 No	2.064 Thermal Discharging
SOU085	64	'637593677_/_628445848'	10		10	10	2.064	10	10	6.02 No	2.064 Thermal Discharging
SOU085	65	'637593680_/_628445854'	10		10	10	2.064	10	10	6.02 No	2.064 Thermal Discharging
SOU085	66	'637593684_/_628445860'	10		10	10	2.064	10	10	6.02 No	2.064 Thermal Discharging
SOU085	67	'637593688_/_628445866'	10		10	10	2.064	4.7	10	6.02 No	2.064 Thermal Discharging
SOU085	68	'131297864_/_131297830'	10		10	10	2.064	1.5	10	6.02 No	1.5 Element Fault
SOU085	69	'628445706_/_628445941'	10		10	10	2.064	10	10	6.02 No	2.064 Thermal Discharging
SOU085	70	'6742197_/_6742194'	10		10	10	2.064	2.3	10	6.02 No	2.064 Thermal Discharging
SOU085	71	'628446204_/_628446241_2'	10		10	10	2.064	0.9	10	6.02 No	0.9 Element Fault
SOU085	72	'44054186_/_44054188'	10		10	10	2.064	10	10	6.02 No	2.064 Thermal Discharging
SOU085	73	'6752711_/_6761406_2'	10		10	10	2.064	1.5	10	6.02 No	1.5 Element Fault
SOU085	74	'6745374_/_6745371'	3.33		3.33	3.33	0.688	0.5	3.33	2.01 No	0.5 Element Fault
SOU085	75	'6742274_/_6742271'	6.67		6.67	6.67	1.376	1.53	6.67	4.02 No	1.376 Thermal Discharging
SOU085	76	'6742237_/_6742251'	10		10	10	2.064	2.3	10	6.02 No	2.064 Thermal Discharging
SOU085	77	'628446537_/_628445983_2'	10		10	10	2.064	4.7	10	6.02 No	2.064 Thermal Discharging
SOU085	78	'628445736_/_628445983_1'	10		10	10	2.064	0.9	10	6.02 No	0.9 Element Fault

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SOU085	79	'6752698_/_6752708'		10	10	10	2.064	1.5	10	6.02 No	1.5 Element Fault
SOU085	80	'109136329_/_108921787'		10	10	10	2.064	1.5	10	6.02 No	1.5 Element Fault
SOU085	81	'6745390_/_6745387'	3.33		3.33	3.33	0.688	0.5	3.33	2.01 No	0.5 Element Fault
SOU085	82	'6745923_/_43981701'	3.33		3.33	3.33	0.688	0.5	3.33	2.01 No	0.5 Element Fault
SOU085	83	'351533376_/_351533373'	3.33		3.33	3.33	0.688	0.5	3.33	2.01 No	0.5 Element Fault
SOU085	84	'6752737_/_628445740'		10	10	10	2.064	0.9	10	6.02 No	0.9 Element Fault
SOU085	85	'43981956_/_43981958'		10	10	10	2.064	2.3	10	6.02 No	2.064 Thermal Discharging
SOU085	86	'6752682_/_6752695'		10	10	10	2.064	1.5	10	6.02 No	1.5 Element Fault
SOU085	87	'44054157_/_44054159'		10	10	10	2.064	10	10	6.02 No	2.064 Thermal Discharging
SOU085	88	'8096057_/_628446226'		10	10	10	2.064	0.9	10	6.02 No	0.9 Element Fault
SOU085	89	'108503245_/_109136374'		10	10	10	2.064	1.5	10	6.02 No	1.5 Element Fault
SOU085	90	'6745406_/_6745403'	3.33		3.33	3.33	0.688	0.5	3.33	2.01 No	0.5 Element Fault
SOU085	91	'43981982_/_6742289'	6.67		6.67	6.67	1.376	1.53	6.67	4.02 No	1.376 Thermal Discharging
SOU085	92	'43981224_/_43981226'		10	10	10	2.064	0.9	10	6.02 No	0.9 Element Fault
SOU085	93	'6753484_/_6753481'	3.33		3.33	3.33	0.688	0.3	3.33	2.01 No	0.3 Element Fault
SOU085	94	'6747255_/_6747252'	3.33		3.33	3.33	0.688	0.5	3.33	2.01 No	0.5 Element Fault
SOU085	95	'43984129_/_6752679'		10	10	10	2.064	1.5	10	6.02 No	1.5 Element Fault
SOU085	96	'276992804_/_276992889'		10	10	10	2.064	0.9	10	6.02 No	0.9 Element Fault
SOU085	97	'276992917_/_276992644_1'		10	10	10	2.064	0.9	10	6.02 No	0.9 Element Fault
SOU085	98	'6742307_/_43981984'	6.67		6.67	6.67	1.376	1.53	6.67	4.02 No	1.376 Thermal Discharging
SOU085	99	'6751151_/_6752721'	3.33		3.33	3.33	0.688	0.5	3.33	2.01 No	0.5 Element Fault
SOU085	100	'276992665_/_276992644_2'		10	10	10	2.064	0.9	10	6.02 No	0.9 Element Fault
SOU085	101	'44054172_/_44054174'		10	10	10	2.064	10	10	6.02 No	2.064 Thermal Discharging
SOU085	102	'6752851_/_6753494'	3.33		3.33	3.33	0.688	0.3	3.33	2.01 No	0.3 Element Fault
SOU085	103	'8403933_/_8403930'		10	10	10	2.064	0.9	10	6.02 No	0.9 Element Fault
SOU085	104	'7133161_/_7133159'		10	10	10	2.064	10	10	6.02 No	2.064 Thermal Discharging
SOU085	105	'49996272_/_7479950_1'		10	10	10	2.064	10	10	6.02 No	2.064 Thermal Discharging
SOU085	106	'6752810_/_6752820'	6.67		6.67	6.67	1.376	0.6	6.67	4.02 No	0.6 Element Fault
SOU085	107	'43982677_/_43982679'	3.33		3.33	3.33	0.688	0.5	3.33	2.01 No	0.5 Element Fault
SOU085	108	'6747324_/_6747321'	3.33		3.33	3.33	0.688	0.3	3.33	2.01 No	0.3 Element Fault
SOU085	109	'517284909_/_517285002'		10	10	10	2.064	1.5	10	6.02 No	1.5 Element Fault
SOU085	110	'7461126_/_9669070_1'	3.33		3.33	3.33	0.688	0.2	3.33	2.01 No	0.2 Element Fault
SOU085	111	'6742322_/_6742319'	5		6.67	6.67	1.376	1.53	6.67	4.02 No	1.376 Thermal Discharging
SOU085	112	'6752852_/_6752849'	3.33		3.33	3.33	0.688	0.3	3.33	2.01 No	0.3 Element Fault
SOU085	113	'6751125_/_6751135'	3.33		3.33	3.33	0.688	0.5	3.33	2.01 No	0.5 Element Fault
SOU085	114	'43981213_/_6752807'	6.67		6.67	6.67	1.376	0.6	6.67	4.02 No	0.6 Element Fault
SOU085	115	'6752878_/_6752875'	3.33		3.33	3.33	0.688	0.3	3.33	2.01 No	0.3 Element Fault
SOU085	116	'6751112_/_6751122'	3.33		3.33	3.33	0.688	0.5	3.33	2.01 No	0.5 Element Fault
SOU085	117	'43981235_/_43981237'	3.33		3.33	3.33	0.688	0.3	3.33	2.01 No	0.3 Element Fault
SOU085	118	'37996729_/_7479950_2'		10	10	10	2.064	10	10	6.02 No	2.064 Thermal Discharging
SOU085	119	'404908633_/_37996726'		10	10	10	2.064	10	10	6.02 No	2.064 Thermal Discharging
SOU085	120	'37996743_/_37996740'		10	10	10	2.064	4.7	10	6.02 No	2.064 Thermal Discharging
SOU085	121	'37996757_/_37996754'		10	10	10	2.064	10	10	6.02 No	2.064 Thermal Discharging
SOU085	122	'37996771_/_37996768'		10	10	10	2.064	4.7	10	6.02 No	2.064 Thermal Discharging
SOU085	123	'43982666_/_6751109'	3.33		3.33	3.33	0.688	0.5	3.33	2.01 No	0.5 Element Fault
SOU085	124	'69569664_/_9675258_2'		10	10	10	2.064	4.7	10	6.02 No	2.064 Thermal Discharging
SOU085	125	'7001279_/_9675258_1'		10	10	10	2.064	3.2	10	6.02 No	2.064 Thermal Discharging
SOU085	126	'517284845_/_517284861'	9.6		10	10	2.064	0.9	10	6.02 No	0.9 Element Fault
SOU085	127	'517284891_/_517284944'	9.6		10	10	2.064	0.9	10	6.02 No	0.9 Element Fault
SOU085	128	'566472968_/_517284977_1'	9.7		10	10	2.064	1.5	10	6.02 No	1.5 Element Fault
SOU085	129	'6752784_/_6752794'	5.87		6.67	6.67	1.376	0.6	6.67	4.02 No	0.6 Element Fault
SOU085	130	'6751086_/_6751096'	2.8		3.33	3.33	0.688	0.5	3.33	2.01 No	0.5 Element Fault
SOU085	131	'6752985_/_6752995'	3.07		3.33	3.33	0.688	0.3	3.33	2.01 No	0.3 Element Fault
SOU085	132	'6751073_/_6751083'	2.5		3.33	3.33	0.688	0.5	3.33	2.01 No	0.5 Element Fault
SOU085	133	'6977200_/_7001276'		10	10	10	2.064	3.2	10	6.02 No	2.064 Thermal Discharging
SOU085	134	'37996813_/_9361132'		10	10	10	2.064	4.7	10	6.02 No	2.064 Thermal Discharging
SOU085	135	'37996792_/_37996817'		10	10	10	2.064	4.7	10	6.02 No	2.064 Thermal Discharging
SOU085	136	'37996785_/_37996789'	3.33		3.33	3.33	0.688	1.57	3.33	2.01 No	0.688 Thermal Discharging
SOU085	137	'37996827_/_37996831'		10	10	10	2.064	4.7	10	6.02 No	2.064 Thermal Discharging
SOU085	138	'37996799_/_37996803'		10	10	10	2.064	4.7	10	6.02 No	2.064 Thermal Discharging
SOU085	139	'8723398_/_9669070_2'	2.63		3.33	3.33	0.688	0.2	3.33	2.01 No	0.2 Element Fault
SOU085	140	'7468640_/_7468637_2'		10	10	10	2.064	10	10	6.02 No	2.064 Thermal Discharging
SOU085	141	'7001246_/_7468637_1'		10	10	10	2.064	10	10	6.02 No	2.064 Thermal Discharging
SOU085	142	'6752771_/_6752781'	4.67		6.67	6.67	1.376	0.6	6.67	4.02 No	0.6 Element Fault
SOU085	143	'43982655_/_43982657'	2.27		3.33	3.33	0.688	0.5	3.33	2.01 No	0.5 Element Fault
SOU085	144	'44035213_/_7001244'		10	10	10	2.064	10	10	6.02 No	2.064 Thermal Discharging
SOU085	145	'7000247_/_7000244'		10	10	10	2.064	10	10	6.02 No	2.064 Thermal Discharging
SOU085	146	'8723399_/_8723396'	2.37		3.33	3.33	0.688	0.2	3.33	2.01 No	0.2 Element Fault
SOU085	147	'502574276_/_502574273'	4.47		6.67	6.67	1.376	0.6	6.67	4.02 No	0.6 Element Fault
SOU085	148	'580305449_/_7000264'		10	10	10	2.064	10	10	6.02 No	2.064 Thermal Discharging
SOU085	149	'38707660_/_8103240_1'	3.33		3.33	3.33	0.688	0.5	3.33	2.01 No	0.5 Element Fault
SOU085	150	'580306906_/_65098407_1'		10	10	10	2.064	1.5	10	6.02 No	1.5 Element Fault
SOU085	151	'6752972_/_6752982'	2.37		3.33	3.33	0.688	0.3	3.33	2.01 No	0.3 Element Fault
SOU085	152	'7000301_/_7000281'		10	10	10	2.064	10	10	6.02 No	2.064 Thermal Discharging
SOU085	153	'502574292_/_502574289'	4.2		6.67	6.67	1.376	0.6	6.67	4.02 No	0.6 Element Fault
SOU085	154	'6751047_/_6751057'	2		3.33	3.33	0.688	0.5	3.33	2.01 No	0.5 Element Fault
SOU085	155	'7000318_/_7000315'		10	10	10	2.064	10	10	6.02 No	2.064 Thermal Discharging
SOU085	156	'8103243_/_8103240_2'	3.33		3.33	3.33	0.688	0.5	3.33	2.01 No	0.5 Element Fault
SOU085	157	'7001334_/_7001331_1'		10	10	10	2.064	1.5	10	6.02 No	1.5 Element Fault
SOU085	158	'7000209_/_7000332'		10	10	10	2.064	10	10	6.02 No	2.064 Thermal Discharging
SOU085	159	'7001318_/_7001331_2'		10	10	10	2.064	1.5	10	6.02 No	1.5 Element Fault
SOU085	160	'7000227_/_7000224'		10	10	10	2.064	10	10	6.02 No	2.064 Thermal Discharging
SOU085	161	'6977201_/_6977198'		10	10	10	2.064	3.2	10	6.02 No	2.064 Thermal Discharging
SOU085	162	'8103191_/_8411112'	3.33		3.33	3.33	0.688	0.5	3.33	2.01 No	0.5 Element Fault
SOU085	163	'6751034_/_6751044'	1.87		3.33	3.33	0.688	0.5	3.33	2.01 No	0.5 Element Fault
SOU085	164	'5606805_/_7099736'		10	10	10	2.064	10	10	6.02 No	2.064 Thermal Discharging
SOU085	165	'633827348_/_70013116'		10	10	10	2.064	1.5	10	6.02 No	1.5 Element Fault
SOU085	166	'5606806_/_5606803'		10	10	10	2.064	10	10	6.02 No	2.064 Thermal Discharging
SOU085	167	'384627408_/_5611276'		10	10	10	2.064	10	10	6.02 No	2.064 Thermal Discharging
SOU085	168	'6752956_/_6752969'	2		3.33	3.33	0.688	0.3	3.33	2.01 No	0.3 Element Fault
SOU085	169	'7000112_/_7000109'		10	10	10	2.064	3.2	10	6.02 No	2.064 Thermal Discharging
SOU085	170	'43746271_/_384627418'		10	10	10	2.064	10	10	6.02 No	2.064 Thermal Discharging
SOU085	171	'5606822_/_5606820_1'		10	10	10	2.064	10	10	6.02 No	2.064 Thermal Discharging
SOU085	172	'384627603_/_384627552_1'		10	10	10	2.064	1.5	10	6.02 No	1.5 Element Fault

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SOU085	173	'254200256___/8373026_1'		10	10	10	2.064	2.3	10	6.02 No	2.064 Thermal Discharging
SOU085	174	'5606765___/5606820_2'		10	10	10	2.064	10	10	6.02 No	2.064 Thermal Discharging
SOU085	175	'64696179___/5606891'		10	10	10	2.064	10	10	6.02 No	2.064 Thermal Discharging
SOU085	176	'254200081___/254200078'		10	10	10	2.064	3.2	10	6.02 No	2.064 Thermal Discharging
SOU085	177	'44034988___/633827352'	6.67		6.67	6.67	1.376	1	6.67	4.02 No	1 Element Fault
SOU085	178	'384627533___/384627552_2'		10	10	10	2.064	1.5	10	6.02 No	1.5 Element Fault
SOU085	179	'64696124___/64696011_1'		10	10	10	2.064	1.5	10	6.02 No	1.5 Element Fault
SOU085	180	'55754121___/65098407_2'		10	10	10	2.064	1.5	10	6.02 No	1.5 Element Fault
SOU085	181	'254200228___/254200122_1'		10	10	10	2.064	2.3	10	6.02 No	2.064 Thermal Discharging
SOU085	182	'5606877___/64695935'		10	10	10	2.064	10	10	6.02 No	2.064 Thermal Discharging
SOU085	183	'478712781___/400954992_2'		10	10	10	2.064	10	10	6.02 No	2.064 Thermal Discharging
SOU085	184	'7468660___/7468657'	3.33		3.33	3.33	0.688	1.57	3.33	2.01 No	0.688 Thermal Discharging
SOU085	185	'6751018___/6751031'	1.7		3.33	3.33	0.688	0.5	3.33	2.01 No	0.5 Element Fault
SOU085	186	'5606860___/5606874'		10	10	10	2.064	10	10	6.02 No	2.064 Thermal Discharging
SOU085	187	'579109939___/579109943'		10	10	10	2.064	10	10	6.02 No	2.064 Thermal Discharging
SOU085	188	'579110449___/579110171_3'		10	10	10	2.064	10	10	6.02 No	2.064 Thermal Discharging
SOU085	189	'9301050___/400954992_1'		10	10	10	2.064	10	10	6.02 No	2.064 Thermal Discharging
SOU085	190	'5605399___/5606857'		10	10	10	2.064	10	10	6.02 No	2.064 Thermal Discharging
SOU085	191	'579110408___/579110171_2'		10	10	10	2.064	10	10	6.02 No	2.064 Thermal Discharging
SOU085	192	'579109903___/579110171_1'		10	10	10	2.064	10	10	6.02 No	2.064 Thermal Discharging
SOU085	193	'5607147___/5607195'		10	10	10	2.064	10	10	6.02 No	2.064 Thermal Discharging
SOU085	194	'43746715___/43746717'		10	10	10	2.064	10	10	6.02 No	2.064 Thermal Discharging
SOU085	195	'580306953___/395515544_1'		10	10	10	2.064	10	10	6.02 No	2.064 Thermal Discharging
SOU085	196	'579110480___/579110144_1'		10	10	10	2.064	1.5	10	6.02 No	1.5 Element Fault
SOU085	197	'56810370___/9675298'	8.2		10	10	2.064	4.7	10	6.02 No	2.064 Thermal Discharging
SOU085	198	'618070766___/618070770'		10	10	10	2.064	4.3	10	6.02 No	2.064 Thermal Discharging
SOU085	199	'8665671___/9301048'		10	10	10	2.064	10	10	6.02 No	2.064 Thermal Discharging
SOU085	200	'5606766___/5606763'		10	10	10	2.064	3.5	10	6.02 No	2.064 Thermal Discharging
SOU085	201	'8721323___/9057827'	1.67		3.33	3.33	0.688	0.2	3.33	2.01 No	0.2 Element Fault
SOU085	202	'6752955___/43981248'	1.73		3.33	3.33	0.688	0.3	3.33	2.01 No	0.3 Element Fault
SOU085	203	'618071012___/618070833_1'		10	10	10	2.064	1.5	10	6.02 No	1.5 Element Fault
SOU085	204	'254200418___/254200122_2'	8.3		10	10	2.064	2.3	10	6.02 No	2.064 Thermal Discharging
SOU085	205	'254200344___/254200352'	8.3		10	10	2.064	2.3	10	6.02 No	2.064 Thermal Discharging
SOU085	206	'402646975___/402646972'	8.3		10	10	2.064	2.3	10	6.02 No	2.064 Thermal Discharging
SOU085	207	'254200424___/254200360'	8.3		10	10	2.064	2.3	10	6.02 No	2.064 Thermal Discharging
SOU085	208	'402646958___/402646955'	8.3		10	10	2.064	2.3	10	6.02 No	2.064 Thermal Discharging
SOU085	209	'9043734___/254200488'	8.3		10	10	2.064	2.3	10	6.02 No	2.064 Thermal Discharging
SOU085	210	'64262560___/64262527'		10	10	10	2.064	3.5	10	6.02 No	2.064 Thermal Discharging
SOU085	211	'64695983___/64696011_2'		10	10	10	2.064	1.5	10	6.02 No	1.5 Element Fault
SOU085	212	'56810254___/56810367'	7.6		10	10	2.064	4.7	10	6.02 No	2.064 Thermal Discharging
SOU085	213	'56810243___/56810258'	7.6		10	10	2.064	4.7	10	6.02 No	2.064 Thermal Discharging
SOU085	214	'56810267___/56810264'	7.6		10	10	2.064	2.4	10	6.02 No	2.064 Thermal Discharging
SOU085	215	'404061073___/404061070'	7.6		10	10	2.064	4.7	10	6.02 No	2.064 Thermal Discharging
SOU085	216	'56810242___/56810240'	7.6		10	10	2.064	4.7	10	6.02 No	2.064 Thermal Discharging
SOU085	217	'5607241___/65039925'	3.33		3.33	3.33	0.688	1.4	3.33	2.01 No	0.688 Thermal Discharging
SOU085	218	'8665672___/8665669'		10	10	10	2.064	10	10	6.02 No	2.064 Thermal Discharging
SOU085	219	'117790087___/6751015'	1.5		3.33	3.33	0.688	0.5	3.33	2.01 No	0.5 Element Fault
SOU085	220	'6977218___/6977233'	5.73		6.67	6.67	1.376	1	6.67	4.02 No	1 Element Fault
SOU085	221	'580306550___/43746706_1'	3.33		3.33	3.33	0.688	1.4	3.33	2.01 No	0.688 Thermal Discharging
SOU085	222	'575222628___/56810307'	7.3		10	10	2.064	4.7	10	6.02 No	2.064 Thermal Discharging
SOU085	223	'575222650___/56810346_1'	7.3		10	10	2.064	1.5	10	6.02 No	1.5 Element Fault
SOU085	224	'7001226___/56810346_2'	7.2		10	10	2.064	1.5	10	6.02 No	1.5 Element Fault
SOU085	225	'8665711___/9612293'		10	10	10	2.064	10	10	6.02 No	2.064 Thermal Discharging
SOU085	226	'575222683___/575222680'	7.2		10	10	2.064	1.5	10	6.02 No	1.5 Element Fault
SOU085	227	'579110102___/579110144_2'		10	10	10	2.064	1.5	10	6.02 No	1.5 Element Fault
SOU085	228	'8665712___/8665709'		10	10	10	2.064	10	10	6.02 No	2.064 Thermal Discharging
SOU085	229	'579110089___/579110099'		10	10	10	2.064	1.5	10	6.02 No	1.5 Element Fault
SOU085	230	'579110108___/579110105'		10	10	10	2.064	1.5	10	6.02 No	1.5 Element Fault
SOU085	231	'579110090___/579110087'		10	10	10	2.064	1.5	10	6.02 No	1.5 Element Fault
SOU085	232	'579110096___/579110093'		10	10	10	2.064	1.5	10	6.02 No	1.5 Element Fault
SOU085	233	'7001227___/7001224'	6.7		10	10	2.064	1.5	10	6.02 No	1.5 Element Fault
SOU085	234	'568055694___/43746706_2'	3.33		3.33	3.33	0.688	1.4	3.33	2.01 No	0.688 Thermal Discharging
SOU085	235	'129396305___/579110234'		10	10	10	2.064	1.5	10	6.02 No	1.5 Element Fault
SOU085	236	'270817038___/270817076'		10	10	10	2.064	1.5	10	6.02 No	1.5 Element Fault
SOU085	237	'56810408___/56810410'	6.4		10	10	2.064	2.4	10	6.02 No	2.064 Thermal Discharging
SOU085	238	'640479341___/640479430'		10	10	10	2.064	1.5	10	6.02 No	1.5 Element Fault
SOU085	239	'618070817___/618070833_2'		10	10	10	2.064	1.5	10	6.02 No	1.5 Element Fault
SOU085	240	'44035000___/44035002'	4.73		6.67	6.67	1.376	1	6.67	4.02 No	1 Element Fault
SOU085	241	'129396200___/129396218'	9		10	10	2.064	1.5	10	6.02 No	1.5 Element Fault
SOU085	242	'579110527___/579110489_2'	2.73		3.33	3.33	0.688	0.5	3.33	2.01 No	0.5 Element Fault
SOU085	243	'579110351___/579110489_1'	2.67		3.33	3.33	0.688	0.3	3.33	2.01 No	0.3 Element Fault
SOU085	244	'7001263___/7001261'	4.07		6.67	6.67	1.376	1	6.67	4.02 No	1 Element Fault
SOU085	245	'5605369___/579110357'	2.53		3.33	3.33	0.688	0.3	3.33	2.01 No	0.3 Element Fault
SOU085	246	'579110263___/579110306'	2.93		3.33	3.33	0.688	0.5	3.33	2.01 No	0.5 Element Fault
SOU085	247	'50210379___/579110269'	2.6		3.33	3.33	0.688	0.5	3.33	2.01 No	0.5 Element Fault
SOU085	248	'50210410___/50210417'	2.57		3.33	3.33	0.688	0.5	3.33	2.01 No	0.5 Element Fault
SOU085	249	'9361155___/9361152'	1.77		3.33	3.33	0.688	1.57	3.33	2.01 No	0.688 Thermal Discharging
SOU085	250	'43746238___/5605367'	2.13		3.33	3.33	0.688	0.3	3.33	2.01 No	0.3 Element Fault
SOU085	251	'254199732___/8373026_2'	4.6		10	10	2.064	2.3	10	6.02 No	2.064 Thermal Discharging
SOU085	252	'7781499___/254199925'	4.3		10	10	2.064	2.3	10	6.02 No	2.064 Thermal Discharging
SOU085	253	'5605383___/5605380'	1.87		3.33	3.33	0.688	0.3	3.33	2.01 No	0.3 Element Fault
SOU085	254	'342914366___/7781497'	4.2		10	10	2.064	2.3	10	6.02 No	2.064 Thermal Discharging
SOU085	255	'342914435___/3429144370'	4.2		10	10	2.064	2.3	10	6.02 No	2.064 Thermal Discharging
SOU085	256	'7781500___/342914439'	4.1		10	10	2.064	2.3	10	6.02 No	2.064 Thermal Discharging
SOU085	257	'8762039___/8762036'	4		10	10	2.064	2.3	10	6.02 No	2.064 Thermal Discharging
SOU085	258	'44035045___/7099779'	1.7		3.33	3.33	0.688	0.3	3.33	2.01 No	0.3 Element Fault
SOU085	259	'580306752___/44035047'	1.7		3.33	3.33	0.688	0.3	3.33	2.01 No	0.3 Element Fault
SOU085	260	'8721322___/8721320_2'	0.97		3.33	3.33	0.688	0.2	3.33	2.01 No	0.2 Element Fault
SOU085	261	'6999950___/8721320_1'	0.97		3.33	3.33	0.688	0.1	3.33	2.01 No	0.1 Element Fault
SOU085	262	'69999386___/69999396'	1.63		3.33	3.33	0.688	0.3	3.33	2.01 No	0.3 Element Fault
SOU085	263	'44035056___/69999948'	0.9		3.33	3.33	0.688	0.1	3.33	2.01 No	0.1 Element Fault
SOU085	264	'6999438___/6999448'	1.5		3.33	3.33	0.688	0.3	3.33	2.01 No	0.3 Element Fault
SOU085	265	'6999506___/6999503'	0.87		3.33	3.33	0.688	0.1	3.33	2.01 No	0.1 Element Fault
SOU085	266	'6999425___/6999435'	1.43		3.33	3.33	0.688	0.3	3.33	2.01 No	0.3 Element Fault

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SOU085	267	'6999467_/_6999464'	1.37	3.33	3.33	0.688	0.3	3.33	2.01 No	0.3	Element Fault
SOU085	268	'6999519_/_6999516'	0.83	3.33	3.33	0.688	0.1	3.33	2.01 No	0.1	Element Fault
SOU085	269	'7000196_/_6999422'	1.33	3.33	3.33	0.688	0.3	3.33	2.01 No	0.3	Element Fault
SOU085	270	'6999480_/_6999477'	1.3	3.33	3.33	0.688	0.3	3.33	2.01 No	0.3	Element Fault
SOU085	271	'44034955_/_6999993'	0.77	3.33	3.33	0.688	0.1	3.33	2.01 No	0.1	Element Fault
SOU085	272	'117978660_/_117978642_1'	0.77	3.33	3.33	0.688	0.1	3.33	2.01 No	0.1	Element Fault
SOU085	273	'7099795_/_7099792'	1.27	3.33	3.33	0.688	0.3	3.33	2.01 No	0.3	Element Fault
SOU085	274	'342914484_/_342914503'	1.47	3.33	3.33	0.688	0.77	3.33	2.01 No	0.688	Thermal Discharging
SOU085	275	'102220932_/_117978642_2'	0.7	3.33	3.33	0.688	0.1	3.33	2.01 No	0.1	Element Fault
SOU085	276	'89761718_/_102220928'	0.7	3.33	3.33	0.688	0.1	3.33	2.01 No	0.1	Element Fault
SOU085	277	'102220939_/_102220935'	0.7	3.33	3.33	0.688	0.1	3.33	2.01 No	0.1	Element Fault
SOU085	278	'102220946_/_102220942'	0.7	3.33	3.33	0.688	0.1	3.33	2.01 No	0.1	Element Fault
SOU085	279	'403342972_/_403342969'	0.7	3.33	3.33	0.688	0.1	3.33	2.01 No	0.1	Element Fault
SOU085	280	'89761744_/_117978710'	0.67	3.33	3.33	0.688	0.1	3.33	2.01 No	0.1	Element Fault
SOU085	281	'102220877_/_117978688'	0.67	3.33	3.33	0.688	0.1	3.33	2.01 No	0.1	Element Fault
SOU085	282	'252977677_/_252977739'	0.63	3.33	3.33	0.688	0.1	3.33	2.01 No	0.1	Element Fault
SOU086	0	'SOU086_/_52645983'	10	10	10	0.912	10	10	3.65 No	0.912	Thermal Discharging
SOU086	1	'9353872_/_52645983'	10	10	10	0.912	10	10	3.65 No	0.912	Thermal Discharging
SOU086	2	'8720634_/_9353870'	10	10	10	0.912	10	10	3.65 No	0.912	Thermal Discharging
SOU086	3	'7459539_/_8720632'	10	10	10	0.912	10	10	3.65 No	0.912	Thermal Discharging
SOU086	4	'7459540_/_7459537'	10	10	10	0.912	10	10	3.65 No	0.912	Thermal Discharging
SOU086	5	'7459500_/_9667534'	10	10	10	0.912	10	10	3.65 No	0.912	Thermal Discharging
SOU086	6	'52645337_/_52645867'	10	10	10	0.912	10	10	3.65 No	0.912	Thermal Discharging
SOU086	7	'404448252_/_52645335'	10	10	10	0.912	10	10	3.65 No	0.912	Thermal Discharging
SOU086	8	'52645349_/_52645353'	10	10	10	0.912	10	10	3.65 No	0.912	Thermal Discharging
SOU086	9	'52645361_/_52645359'	10	10	10	0.912	10	10	3.65 No	0.912	Thermal Discharging
SOU086	10	'404448269_/_52645329'	10	10	10	0.912	10	10	3.65 No	0.912	Thermal Discharging
SOU086	11	'52645416_/_52645455'	10	10	10	0.912	10	10	3.65 No	0.912	Thermal Discharging
SOU086	12	'7785369_/_7460071_2'	3	5.9	10	0.912	10	10	3.65 No	0.912	Thermal Discharging
SOU086	13	'7027442_/_7460071_1'	3	5.9	10	0.912	10	10	3.65 No	0.912	Thermal Discharging
SOU086	14	'7027425_/_7027439'	3	5.8	10	0.912	10	9.99	3.65 No	0.912	Thermal Discharging
SOU086	15	'44046253_/_7027422'	2.9	5.8	10	0.912	10	9.92	3.65 No	0.912	Thermal Discharging
SOU086	16	'44045872_/_44045874'	2.9	5.7	10	0.912	10	9.8	3.65 No	0.912	Thermal Discharging
SOU086	17	'7027481_/_7027479'	2.9	5.6	10	0.912	10	9.73	3.65 No	0.912	Thermal Discharging
SOU086	18	'7035856_/_7035854'	2.8	5.6	10	0.912	10	9.65	3.65 No	0.912	Thermal Discharging
SOU086	19	'44045743_/_7036111'	2.8	5.5	10	0.912	10	9.56	3.65 No	0.912	Thermal Discharging
SOU086	20	'7035840_/_44045745'	2.8	5.4	10	0.912	10	9.45	3.65 No	0.912	Thermal Discharging
SOU086	21	'7035839_/_7035837'	2.8	5.4	10	0.912	10	9.38	3.65 No	0.912	Thermal Discharging
SOU086	22	'44045730_/_7039053'	2.7	5.3	10	0.912	10	9.3	3.65 No	0.912	Thermal Discharging
SOU086	23	'7043692_/_7043764'	2.7	5.3	10	0.912	10	9.21	3.65 No	0.912	Thermal Discharging
SOU086	24	'7039456_/_7043710'	2.7	5.3	10	0.912	10	9.17	3.65 No	0.912	Thermal Discharging
SOU086	25	'7039490_/_7043727'	2.7	5.3	10	0.912	10	9.16	3.65 No	0.912	Thermal Discharging
SOU086	26	'44046018_/_7039454'	2.7	5.2	10	0.912	10	9.13	3.65 No	0.912	Thermal Discharging
SOU086	27	'7039491_/_7039488'	2.7	5.2	10	0.912	10	9.1	3.65 No	0.912	Thermal Discharging
SOU086	28	'7039728_/_7039726'	2.7	5.2	10	0.912	10	9.05	3.65 No	0.912	Thermal Discharging
SOU086	29	'7039275_/_7039505'	2.6	5.2	10	0.912	10	9.01	3.65 No	0.912	Thermal Discharging
SOU086	30	'69570234_/_55005293'	2.7	5.2	10	0.912	10	8.98	3.65 No	0.912	Thermal Discharging
SOU086	31	'44046005_/_7039522'	2.6	5.1	10	0.912	10	8.97	3.65 No	0.912	Thermal Discharging
SOU086	32	'7158799_/_7158797_4'	2.6	5.2	10	0.912	4.4	8.98	3.65 No	0.912	Thermal Discharging
SOU086	33	'621734688_/_7158797_3'	2.6	5.2	10	0.912	1.5	8.96	3.65 No	0.912	Thermal Discharging
SOU086	34	'7039542_/_7039539'	2.6	5.1	10	0.912	10	8.9	3.65 No	0.912	Thermal Discharging
SOU086	35	'7039610_/_7039624'	2.6	5	10	0.912	10	8.83	3.65 No	0.912	Thermal Discharging
SOU086	36	'7158800_/_7158797_2'	2.6	5	10	0.912	1.5	8.84	3.65 No	0.912	Thermal Discharging
SOU086	37	'7039593_/_7039607'	2.6	5	10	0.912	10	8.77	3.65 No	0.912	Thermal Discharging
SOU086	38	'51571189_/_7158797_1'	2.6	5	10	0.912	1.5	8.81	3.65 No	0.912	Thermal Discharging
SOU086	39	'7039576_/_7039590'	2.5	5	10	0.912	10	8.72	3.65 No	0.912	Thermal Discharging
SOU086	40	'8417383_/_8417380_1'	2.6	5	10	0.912	2.4	8.73	3.65 No	0.912	Thermal Discharging
SOU086	41	'7039236_/_7039260'	0.87	1.67	3.33	0.304	0.5	2.92	1.22 No	0.304	Thermal Discharging
SOU086	42	'8106889_/_9051025_1'	2.5	4.9	10	0.912	1.6	8.68	3.65 No	0.912	Thermal Discharging
SOU086	43	'7039305_/_7039573'	2.5	4.9	10	0.912	10	8.64	3.65 No	0.912	Thermal Discharging
SOU086	44	'7042673_/_125902594'	0.87	1.67	3.33	0.304	0.5	2.9	1.22 No	0.304	Thermal Discharging
SOU086	45	'7039558_/_7039556'	2.5	4.9	10	0.912	10	8.56	3.65 No	0.912	Thermal Discharging
SOU086	46	'44046077_/_44046079'	2.5	4.8	10	0.912	10	8.51	3.65 No	0.912	Thermal Discharging
SOU086	47	'7039237_/_7039234_1'	0.87	1.63	3.33	0.304	0.5	2.87	1.22 No	0.304	Thermal Discharging
SOU086	48	'7039779_/_7041845_2'	2.5	4.8	10	0.912	10	8.5	3.65 No	0.912	Thermal Discharging
SOU086	49	'7785210_/_9051025_2'	2.5	4.8	10	0.912	1.6	8.54	3.65 No	0.912	Thermal Discharging
SOU086	50	'7041767_/_7041845_1'	2.5	4.8	10	0.912	10	8.47	3.65 No	0.912	Thermal Discharging
SOU086	51	'50723069_/_7039234_2'	0.87	1.63	3.33	0.304	0.5	2.85	1.22 No	0.304	Thermal Discharging
SOU086	52	'38007937_/_8417380_2'	2.5	4.8	10	0.912	2.4	8.51	3.65 No	0.912	Thermal Discharging
SOU086	53	'404844060_/_38007941'	2.5	4.8	10	0.912	2.4	8.51	3.65 No	0.912	Thermal Discharging
SOU086	54	'404844084_/_404844081'	2.5	4.8	10	0.912	2.4	8.51	3.65 No	0.912	Thermal Discharging
SOU086	55	'38007923_/_38007920'	2.5	4.8	10	0.912	2.4	8.51	3.65 No	0.912	Thermal Discharging
SOU086	56	'38007909_/_38007913'	2.5	4.8	10	0.912	2.4	8.51	3.65 No	0.912	Thermal Discharging
SOU086	57	'525111811_/_7041828'	2.5	4.8	10	0.912	10	8.43	3.65 No	0.912	Thermal Discharging
SOU086	58	'525111777_/_525111815'	2.5	4.8	10	0.912	10	8.42	3.65 No	0.912	Thermal Discharging
SOU086	59	'525112352_/_525112276_1'	2.4	4.8	10	0.912	10	8.41	3.65 No	0.912	Thermal Discharging
SOU086	60	'7041865_/_7041862'	2.5	4.8	10	0.912	10	8.39	3.65 No	0.912	Thermal Discharging
SOU086	61	'440661973_/_440661970'	2.5	4.8	10	0.912	4.7	8.41	3.65 No	0.912	Thermal Discharging
SOU086	62	'7041755_/_7041752_2'	0.83	1.57	3.33	0.304	1.1	2.79	1.22 No	0.304	Thermal Discharging
SOU086	63	'440662130_/_440662021_1'	2.5	4.8	10	0.912	1.5	8.4	3.65 No	0.912	Thermal Discharging
SOU086	64	'44046817_/_7042049'	2.5	4.7	10	0.912	10	8.34	3.65 No	0.912	Thermal Discharging
SOU086	65	'8733848_/_8733846'	2.5	4.8	10	0.912	2.4	8.41	3.65 No	0.912	Thermal Discharging
SOU086	66	'525112161_/_525112117_2'	0.83	1.57	3.33	0.304	1.4	2.77	1.22 No	0.304	Thermal Discharging
SOU086	67	'7785209_/_7785207'	2.4	4.7	10	0.912	1.6	8.37	3.65 No	0.912	Thermal Discharging
SOU086	68	'7041950_/_44046819'	2.5	4.7	10	0.912	10	8.27	3.65 No	0.912	Thermal Discharging
SOU086	69	'7027195_/_7039247'	0.9	1.6	3.33	0.304	0.5	2.79	1.22 No	0.304	Thermal Discharging
SOU086	70	'107100992_/_7785227_2'	2.4	4.7	10	0.912	2.4	8.33	3.65 No	0.912	Thermal Discharging
SOU086	71	'44046830_/_7041964'	2.4	4.7	10	0.912	10	8.21	3.65 No	0.912	Thermal Discharging
SOU086	72	'107100985_/_7785227_1'	2.4	4.7	10	0.912	1.5	8.31	3.65 No	0.912	Thermal Discharging
SOU086	73	'525112364_/_525112276_2'	2.4	4.6	10	0.912	10	8.19	3.65 No	0.912	Thermal Discharging
SOU086	74	'7041984_/_44046832'	2.4	4.6	10	0.912	10	8.14	3.65 No	0.912	Thermal Discharging
SOU086	75	'525111646_/_525112276_3'	2.4	4.6	10	0.912	10	8.18	3.65 No	0.912	Thermal Discharging
SOU086	76	'525111614_/_525111652'	2.4	4.6	10	0.912	10	8.17	3.65 No	0.912	Thermal Discharging
SOU086	77	'7041754_/_7041752_1'	0.83	1.53	3.33	0.304	0.5	2.73	1.22 No	0.304	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SOU086	78	'7042001_/_7041998_1'		2.4	4.6	10	0.912	10	8.11	3.65 No	0.912 Thermal Discharging
SOU086	79	'124949283_/_525111620'		2.4	4.6	10	0.912	10	8.14	3.65 No	0.912 Thermal Discharging
SOU086	80	'525112432_/_525112000_2'		0.8	1.53	3.33	0.304	1.4	2.72	1.22 No	0.304 Thermal Discharging
SOU086	81	'7042018_/_7041998_2'		2.4	4.6	10	0.912	10	8.1	3.65 No	0.912 Thermal Discharging
SOU086	82	'7042035_/_7042032'		2.4	4.6	10	0.912	10	8.05	3.65 No	0.912 Thermal Discharging
SOU086	83	'124949513_/_7041253_1'		2.4	4.6	10	0.912	1.5	8.1	3.65 No	0.912 Thermal Discharging
SOU086	84	'7040823_/_7041347'		2.3	4.6	10	0.912	10	8.07	3.65 No	0.912 Thermal Discharging
SOU086	85	'44046843_/_7042066'		2.4	4.5	10	0.912	10	8	3.65 No	0.912 Thermal Discharging
SOU086	86	'7041316_/_7041330'		2.3	4.5	10	0.912	10	8.02	3.65 No	0.912 Thermal Discharging
SOU086	87	'7040824_/_7043978_1'		1.53	3	6.67	0.608	1.1	5.35	2.43 No	0.608 Thermal Discharging
SOU086	88	'7027182_/_7027192'		0.9	1.53	3.33	0.304	0.5	2.7	1.22 No	0.304 Thermal Discharging
SOU086	89	'7042086_/_7042083'		2.4	4.5	10	0.912	10	7.95	3.65 No	0.912 Thermal Discharging
SOU086	90	'7041199_/_7041313'		2.3	4.5	10	0.912	10	7.99	3.65 No	0.912 Thermal Discharging
SOU086	91	'451548185_/_440662021_2'		2.3	4.6	10	0.912	1.5	8.07	3.65 No	0.912 Thermal Discharging
SOU086	92	'436897483_/_7041216_3'		2.3	4.5	10	0.912	3.4	7.97	3.65 No	0.912 Thermal Discharging
SOU086	93	'7027056_/_7027070_2'		2.3	4.6	10	0.912	1.5	8.09	3.65 No	0.912 Thermal Discharging
SOU086	94	'7042103_/_7042100'		2.4	4.5	10	0.912	10	7.91	3.65 No	0.912 Thermal Discharging
SOU086	95	'44046590_/_7041296'		2.3	4.5	10	0.912	10	7.94	3.65 No	0.912 Thermal Discharging
SOU086	96	'525111984_/_525112000_1'		0.8	1.5	3.33	0.304	0.5	2.65	1.22 No	0.304 Thermal Discharging
SOU086	97	'44046101_/_7027070_1'		2.3	4.6	10	0.912	1.5	8.05	3.65 No	0.912 Thermal Discharging
SOU086	98	'44047216_/_7043849'		2.4	4.5	10	0.912	10	7.84	3.65 No	0.912 Thermal Discharging
SOU086	99	'409129588_/_7041273'		2.3	4.5	10	0.912	10	7.87	3.65 No	0.912 Thermal Discharging
SOU086	100	'436897473_/_7041216_2'		2.3	4.4	10	0.912	1.6	7.88	3.65 No	0.912 Thermal Discharging
SOU086	101	'7042119_/_7043866'		2.3	4.4	10	0.912	10	7.8	3.65 No	0.912 Thermal Discharging
SOU086	102	'525112101_/_525112117_1'		0.83	1.5	3.33	0.304	0.5	2.64	1.22 No	0.304 Thermal Discharging
SOU086	103	'7041783_/_7041781'		0.83	1.5	3.33	0.304	0.5	2.64	1.22 No	0.304 Thermal Discharging
SOU086	104	'7041175_/_7041449'		2.2	4.4	10	0.912	10	7.8	3.65 No	0.912 Thermal Discharging
SOU086	105	'7043578_/_7043576_1'		2.3	4.4	10	0.912	1.5	7.76	3.65 No	0.912 Thermal Discharging
SOU086	106	'7042120_/_7042117'		2.3	4.4	10	0.912	10	7.74	3.65 No	0.912 Thermal Discharging
SOU086	107	'7041418_/_7041432'		2.2	4.4	10	0.912	10	7.77	3.65 No	0.912 Thermal Discharging
SOU086	108	'44046603_/_7041415'		2.2	4.4	10	0.912	10	7.75	3.65 No	0.912 Thermal Discharging
SOU086	109	'44046616_/_44046618'		2.2	4.4	10	0.912	10	7.73	3.65 No	0.912 Thermal Discharging
SOU086	110	'44046856_/_7042134'		2.3	4.4	10	0.912	10	7.69	3.65 No	0.912 Thermal Discharging
SOU086	111	'7041141_/_7041216_1'		2.3	4.4	10	0.912	1.6	7.79	3.65 No	0.912 Thermal Discharging
SOU086	112	'7041383_/_7041398_1'		2.2	4.4	10	0.912	10	7.72	3.65 No	0.912 Thermal Discharging
SOU086	113	'44046384_/_7041253_2'		2.3	4.4	10	0.912	1.5	7.82	3.65 No	0.912 Thermal Discharging
SOU086	114	'658808142_/_7043576_2'		2.3	4.4	10	0.912	1.5	7.71	3.65 No	0.912 Thermal Discharging
SOU086	115	'7027181_/_7027179'		0.9	1.5	3.33	0.304	0.5	2.62	1.22 No	0.304 Thermal Discharging
SOU086	116	'7040902_/_7043978_2'		1.53	2.93	6.67	0.608	1.1	5.18	2.43 No	0.608 Thermal Discharging
SOU086	117	'7041401_/_7041398_2'		2.2	4.4	10	0.912	10	7.68	3.65 No	0.912 Thermal Discharging
SOU086	118	'6800093_/_44046858'		2.3	4.4	10	0.912	10	7.64	3.65 No	0.912 Thermal Discharging
SOU086	119	'7043579_/_658808148'		2.3	4.4	10	0.912	1.5	7.67	3.65 No	0.912 Thermal Discharging
SOU086	120	'436897338_/_436897335'		2.2	4.4	10	0.912	1.6	7.74	3.65 No	0.912 Thermal Discharging
SOU086	121	'7027039_/_7027053'		2.2	4.4	10	0.912	1.5	7.85	3.65 No	0.912 Thermal Discharging
SOU086	122	'658808231_/_658808181_1'		2.3	4.4	10	0.912	0.9	7.65	3.65 No	0.9 Element Fault
SOU086	123	'7041553_/_7041568'		2.2	4.3	10	0.912	10	7.63	3.65 No	0.912 Thermal Discharging
SOU086	124	'345428733_/_7041173_1'		2.2	4.3	10	0.912	4.8	7.66	3.65 No	0.912 Thermal Discharging
SOU086	125	'43992674_/_6800091'		2.3	4.3	10	0.912	10	7.57	3.65 No	0.912 Thermal Discharging
SOU086	126	'44046791_/_7041173_2'		2.2	4.3	10	0.912	4.8	7.63	3.65 No	0.912 Thermal Discharging
SOU086	127	'339576250_/_339576258'		2.2	4.3	10	0.912	10	7.57	3.65 No	0.912 Thermal Discharging
SOU086	128	'621734011_/_339576481_1'		2.2	4.3	10	0.912	1.5	7.58	3.65 No	0.912 Thermal Discharging
SOU086	129	'6795875_/_43992676'		2.3	4.3	10	0.912	10	7.52	3.65 No	0.912 Thermal Discharging
SOU086	130	'7041520_/_7041534'		2.2	4.3	10	0.912	10	7.55	3.65 No	0.912 Thermal Discharging
SOU086	131	'525112034_/_525112050'		0.8	1.43	3.33	0.304	0.5	2.55	1.22 No	0.304 Thermal Discharging
SOU086	132	'440662002_/_451548212'		2.2	4.3	10	0.912	1.5	7.7	3.65 No	0.912 Thermal Discharging
SOU086	133	'6795876_/_6795873'		2.3	4.3	10	0.912	10	7.48	3.65 No	0.912 Thermal Discharging
SOU086	134	'44046780_/_44046782'		0.83	1.43	3.33	0.304	0.5	2.55	1.22 No	0.304 Thermal Discharging
SOU086	135	'44046397_/_44046386'		1.47	2.87	6.67	0.608	1	5.08	2.43 No	0.608 Thermal Discharging
SOU086	136	'7041503_/_7041517'		2.2	4.3	10	0.912	10	7.49	3.65 No	0.912 Thermal Discharging
SOU086	137	'584770621_/_130516179_1'		0.77	1.43	3.33	0.304	3.33	2.48	1.22 No	0.304 Thermal Discharging
SOU086	138	'43991738_/_6795890'		2.3	4.3	10	0.912	10	7.43	3.65 No	0.912 Thermal Discharging
SOU086	139	'7043340_/_44046793'		2.2	4.3	10	0.912	4.8	7.54	3.65 No	0.912 Thermal Discharging
SOU086	140	'7041485_/_7041500'		2.1	4.2	10	0.912	10	7.45	3.65 No	0.912 Thermal Discharging
SOU086	141	'525112174_/_525112190'		0.83	1.43	3.33	0.304	0.5	2.53	1.22 No	0.304 Thermal Discharging
SOU086	142	'7043527_/_7043883'		2.2	4.2	10	0.912	1.5	7.47	3.65 No	0.912 Thermal Discharging
SOU086	143	'6795910_/_6795907'		2.3	4.2	10	0.912	10	7.38	3.65 No	0.912 Thermal Discharging
SOU086	144	'44046642_/_7041483'		2.1	4.2	10	0.912	10	7.42	3.65 No	0.912 Thermal Discharging
SOU086	145	'7041469_/_7041466_2'		2.1	4.2	10	0.912	10	7.41	3.65 No	0.912 Thermal Discharging
SOU086	146	'7041468_/_7041466_1'		2.1	4.2	10	0.912	10	7.37	3.65 No	0.912 Thermal Discharging
SOU086	147	'124949163_/_6795924'		2.2	4.2	10	0.912	10	7.33	3.65 No	0.912 Thermal Discharging
SOU086	148	'6795944_/_43991753'		2.2	4.2	10	0.912	10	7.31	3.65 No	0.912 Thermal Discharging
SOU086	149	'339576462_/_339576481_2'		2.1	4.2	10	0.912	1.5	7.41	3.65 No	0.912 Thermal Discharging
SOU086	150	'123240187_/_7040899'		1.53	2.8	6.67	0.608	1.1	4.98	2.43 No	0.608 Thermal Discharging
SOU086	151	'6795961_/_6795958'		2.2	4.2	10	0.912	10	7.28	3.65 No	0.912 Thermal Discharging
SOU086	152	'658808165_/_658808181_2'		2.2	4.2	10	0.912	0.9	7.39	3.65 No	0.9 Element Fault
SOU086	153	'7044102_/_7044100'		2.1	4.2	10	0.912	10	7.32	3.65 No	0.912 Thermal Discharging
SOU086	154	'7040548_/_7040545'		1.4	2.8	6.67	0.608	1	4.98	2.43 No	0.608 Thermal Discharging
SOU086	155	'44047156_/_7043394'		2.1	4.2	10	0.912	4.7	7.4	3.65 No	0.912 Thermal Discharging
SOU086	156	'7027038_/_7027036'		2.1	4.3	10	0.912	1.5	7.54	3.65 No	0.912 Thermal Discharging
SOU086	157	'6804270_/_6804267'		2.2	4.2	10	0.912	10	7.25	3.65 No	0.912 Thermal Discharging
SOU086	158	'658991379_/_658991332_2'		2.2	4.2	10	0.912	5.4	7.25	3.65 No	0.912 Thermal Discharging
SOU086	159	'7040776_/_7044083'		2.1	4.2	10	0.912	10	7.27	3.65 No	0.912 Thermal Discharging
SOU086	160	'8107721_/_8417400_2'		1.4	2.73	6.67	0.608	2.9	4.85	2.43 No	0.608 Thermal Discharging
SOU086	161	'6796424_/_6804317'		2.2	4.1	10	0.912	10	7.21	3.65 No	0.912 Thermal Discharging
SOU086	162	'50722978_/_7040917'		0.77	1.4	3.33	0.304	0.55	2.46	1.22 No	0.304 Thermal Discharging
SOU086	163	'44046371_/_7041138'		2.1	4.1	10	0.912	1.6	7.39	3.65 No	0.912 Thermal Discharging
SOU086	164	'6796425_/_6796422'		2.2	4.1	10	0.912	10	7.18	3.65 No	0.912 Thermal Discharging
SOU086	165	'44046322_/_44046324'		2.1	4.1	10	0.912	10	7.22	3.65 No	0.912 Thermal Discharging
SOU086	166	'130516181_/_130516179_2'		0.77	1.37	3.33	0.304	1.5	2.4	1.22 No	0.304 Thermal Discharging
SOU086	167	'52465227_/_7040756'		2.1	4.1	10	0.912	10	7.18	3.65 No	0.912 Thermal Discharging
SOU086	168	'43991797_/_6796456'		2.2	4.1	10	0.912	10	7.12	3.65 No	0.912 Thermal Discharging
SOU086	169	'7041729_/_7041739'		0.83	1.37	3.33	0.304	0.5	2.45	1.22 No	0.304 Thermal Discharging
SOU086	170	'7039938_/_7043525'		2.1	4.1	10	0.912	1.5	7.25	3.65 No	0.912 Thermal Discharging
SOU086	171	'7041007_/_7041005'		0.77	1.37	3.33	0.304	0.55	2.43	1.22 No	0.304 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
											VSR (MW)	Limiting Threshold
SOU086	172	'44047001_/_44047003'		2	4.1	10	0.912	10	7.14	3.65 No	0.912	Thermal Discharging
SOU086	173	'211501686_/_584768114'		0.77	1.37	3.33	0.304	1.5	2.38	1.22 No	0.304	Thermal Discharging
SOU086	174	'6796476_/_6796473'		2.2	4.1	10	0.912	10	7.07	3.65 No	0.912	Thermal Discharging
SOU086	175	'44046679_/_44046681'		1.53	2.73	6.67	0.608	1.1	4.85	2.43 No	0.608	Thermal Discharging
SOU086	176	'7040563_/_7040560'		1.4	2.73	6.67	0.608	1	4.86	2.43 No	0.608	Thermal Discharging
SOU086	177	'44047014_/_44047016'		2	4.1	10	0.912	10	7.09	3.65 No	0.912	Thermal Discharging
SOU086	178	'125902808_/_125902671_3'		0.7	1.37	3.33	0.304	0.5	2.4	1.22 No	0.304	Thermal Discharging
SOU086	179	'358865515_/_44046951_2'		2	4.1	10	0.912	10	7.09	3.65 No	0.912	Thermal Discharging
SOU086	180	'43991810_/_6796490'		2.2	4	10	0.912	10	7.02	3.65 No	0.912	Thermal Discharging
SOU086	181	'44046949_/_44046951_1'		2	4	10	0.912	10	7.06	3.65 No	0.912	Thermal Discharging
SOU086	182	'44046114_/_44046116'		2.1	4.1	10	0.912	1.5	7.32	3.65 No	0.912	Thermal Discharging
SOU086	183	'7043322_/_44047158'		2	4	10	0.912	4.7	7.18	3.65 No	0.912	Thermal Discharging
SOU086	184	'6796072_/_6796507'		2.2	4	10	0.912	10	6.98	3.65 No	0.912	Thermal Discharging
SOU086	185	'44046962_/_44046964'		2	4	10	0.912	10	7.03	3.65 No	0.912	Thermal Discharging
SOU086	186	'125902851_/_125902671_2'		0.7	1.33	3.33	0.304	0.3	2.38	1.22 No	0.3	Element Fault
SOU086	187	'6796527_/_6796524'		2.2	4	10	0.912	10	6.95	3.65 No	0.912	Thermal Discharging
SOU086	188	'7042473_/_7042538'		2	4	10	0.912	10	6.98	3.65 No	0.912	Thermal Discharging
SOU086	189	'658991316_/_658991332_1'		2.1	4	10	0.912	1.5	7	3.65 No	0.912	Thermal Discharging
SOU086	190	'43991910_/_6796541'		2.1	4	10	0.912	10	6.91	3.65 No	0.912	Thermal Discharging
SOU086	191	'7040156_/_44046373'		2	4	10	0.912	1.6	7.16	3.65 No	0.912	Thermal Discharging
SOU086	192	'7042455_/_7042470'		2	4	10	0.912	10	6.93	3.65 No	0.912	Thermal Discharging
SOU086	193	'7027022_/_7027090'		2	4.1	10	0.912	1.5	7.21	3.65 No	0.912	Thermal Discharging
SOU086	194	'7039853_/_125902671_1'		0.7	1.33	3.33	0.304	0.3	2.35	1.22 No	0.3	Element Fault
SOU086	195	'6797989_/_43991912'		2.1	4	10	0.912	10	6.86	3.65 No	0.912	Thermal Discharging
SOU086	196	'7043545_/_7043542'		2	4	10	0.912	1.5	7.04	3.65 No	0.912	Thermal Discharging
SOU086	197	'44046975_/_7042453'		2	4	10	0.912	10	6.89	3.65 No	0.912	Thermal Discharging
SOU086	198	'7040887_/_7043942'		1.53	2.67	6.67	0.608	1.1	4.72	2.43 No	0.608	Thermal Discharging
SOU086	199	'44046769_/_44046771'		0.83	1.33	3.33	0.304	0.5	2.36	1.22 No	0.304	Thermal Discharging
SOU086	200	'7040121_/_7043320_1'		2	4	10	0.912	4.7	7.03	3.65 No	0.912	Thermal Discharging
SOU086	201	'43992240_/_6798006'		2.1	3.9	10	0.912	10	6.81	3.65 No	0.912	Thermal Discharging
SOU086	202	'7042438_/_7042436'		2	3.9	10	0.912	10	6.85	3.65 No	0.912	Thermal Discharging
SOU086	203	'7041115_/_7041125'		0.77	1.33	3.33	0.304	0.55	2.34	1.22 No	0.304	Thermal Discharging
SOU086	204	'44046422_/_7040575'		1.33	2.67	6.67	0.608	1	4.69	2.43 No	0.608	Thermal Discharging
SOU086	205	'6798026_/_6798023'		2.1	3.9	10	0.912	10	6.78	3.65 No	0.912	Thermal Discharging
SOU086	206	'44046358_/_7043320_2'		2	4	10	0.912	4.7	7	3.65 No	0.912	Thermal Discharging
SOU086	207	'6803144_/_6803141'		2.1	3.9	10	0.912	10	6.76	3.65 No	0.912	Thermal Discharging
SOU086	208	'7041716_/_7041713_2'		0.83	1.33	3.33	0.304	0.5	2.35	1.22 No	0.304	Thermal Discharging
SOU086	209	'7042342_/_7042555'		2	3.9	10	0.912	10	6.81	3.65 No	0.912	Thermal Discharging
SOU086	210	'7040578_/_7040590_1'		1.33	2.6	6.67	0.608	1	4.67	2.43 No	0.608	Thermal Discharging
SOU086	211	'6803178_/_6803192'		2.1	3.9	10	0.912	10	6.74	3.65 No	0.912	Thermal Discharging
SOU086	212	'108585641_/_108990825_1'		2.1	3.9	10	0.912	10	6.73	3.65 No	0.912	Thermal Discharging
SOU086	213	'55006132_/_7042340'		2	3.9	10	0.912	10	6.78	3.65 No	0.912	Thermal Discharging
SOU086	214	'7042524_/_7042589'		1.9	3.9	10	0.912	10	6.78	3.65 No	0.912	Thermal Discharging
SOU086	215	'584768094_/_7043559'		2	3.9	10	0.912	1.5	6.93	3.65 No	0.912	Thermal Discharging
SOU086	216	'55006096_/_7118638'		1.9	3.9	10	0.912	10	6.77	3.65 No	0.912	Thermal Discharging
SOU086	217	'6803127_/_6803260'		2.1	3.9	10	0.912	10	6.71	3.65 No	0.912	Thermal Discharging
SOU086	218	'621734615_/_43992026_2'		2.1	3.9	10	0.912	10	6.71	3.65 No	0.912	Thermal Discharging
SOU086	219	'7042507_/_7042521'		1.9	3.9	10	0.912	10	6.75	3.65 No	0.912	Thermal Discharging
SOU086	220	'7029587_/_44043259'		1.9	3.9	10	0.912	10	6.74	3.65 No	0.912	Thermal Discharging
SOU086	221	'406294058_/_44043246_2'		1.9	3.9	10	0.912	10	6.73	3.65 No	0.912	Thermal Discharging
SOU086	222	'8417402_/_8417400_1'		1.27	2.6	6.67	0.608	0.6	4.56	2.43 No	0.6	Element Fault
SOU086	223	'7027005_/_7027019'		2	4	10	0.912	1.5	7.03	3.65 No	0.912	Thermal Discharging
SOU086	224	'43992024_/_43992026_1'		2.1	3.9	10	0.912	1.7	6.67	3.65 No	0.912	Thermal Discharging
SOU086	225	'44043244_/_44043246_1'		1.9	3.9	10	0.912	1.6	6.7	3.65 No	0.912	Thermal Discharging
SOU086	226	'44044939_/_399261374'		1.9	3.9	10	0.912	10	6.7	3.65 No	0.912	Thermal Discharging
SOU086	227	'70885541_/_7029760'		1.9	3.9	10	0.912	1.6	6.69	3.65 No	0.912	Thermal Discharging
SOU086	228	'6797279_/_6797276'		2.1	3.8	10	0.912	1.7	6.63	3.65 No	0.912	Thermal Discharging
SOU086	229	'70885863_/_70885737_2'		1.9	3.9	10	0.912	1.6	6.68	3.65 No	0.912	Thermal Discharging
SOU086	230	'7040872_/_7040884'		1.53	2.6	6.67	0.608	1.1	4.59	2.43 No	0.608	Thermal Discharging
SOU086	231	'7043469_/_7043479'		0.67	1.3	3.33	0.304	0.3	2.28	1.22 No	0.3	Element Fault
SOU086	232	'7039206_/_7042416'		1.9	3.9	10	0.912	10	6.67	3.65 No	0.912	Thermal Discharging
SOU086	233	'44046409_/_7040170'		1.9	3.8	10	0.912	1.6	6.9	3.65 No	0.912	Thermal Discharging
SOU086	234	'7020605_/_7118618'		1.9	3.8	10	0.912	10	6.64	3.65 No	0.912	Thermal Discharging
SOU086	235	'619357891_/_619357888'		1.27	2.53	6.67	0.608	3.1	4.44	2.43 No	0.608	Thermal Discharging
SOU086	236	'7041703_/_7041713_1'		0.83	1.3	3.33	0.304	0.5	2.29	1.22 No	0.304	Thermal Discharging
SOU086	237	'108585565_/_108990825_2'		2.1	3.8	10	0.912	10	6.6	3.65 No	0.912	Thermal Discharging
SOU086	238	'43992037_/_6797293'		2.1	3.8	10	0.912	1.7	6.57	3.65 No	0.912	Thermal Discharging
SOU086	239	'406293897_/_7039204_1'		0.63	1.27	3.33	0.304	0.5	2.21	1.22 No	0.304	Thermal Discharging
SOU086	240	'7025341_/_7025355'		1.9	3.8	10	0.912	10	6.61	3.65 No	0.912	Thermal Discharging
SOU086	241	'70885653_/_70885737_1'		1.9	3.8	10	0.912	1.6	6.63	3.65 No	0.912	Thermal Discharging
SOU086	242	'108990409_/_108990825_3'		2.1	3.8	10	0.912	10	6.59	3.65 No	0.912	Thermal Discharging
SOU086	243	'44046277_/_44046279'		0.67	1.27	3.33	0.304	0.3	2.26	1.22 No	0.3	Element Fault
SOU086	244	'7040593_/_7040590_2'		1.27	2.53	6.67	0.608	1	4.56	2.43 No	0.608	Thermal Discharging
SOU086	245	'7039904_/_584768092'		1.9	3.8	10	0.912	1.5	6.78	3.65 No	0.912	Thermal Discharging
SOU086	246	'6798523_/_6798837'		2	3.8	10	0.912	10	6.57	3.65 No	0.912	Thermal Discharging
SOU086	247	'6797313_/_6797310'		2	3.8	10	0.912	1.7	6.53	3.65 No	0.912	Thermal Discharging
SOU086	248	'6798524_/_6798560_1'		0.67	1.27	3.33	0.304	0.5	2.18	1.22 No	0.304	Thermal Discharging
SOU086	249	'406294007_/_44042432_2'		0.63	1.27	3.33	0.304	1.4	2.19	1.22 No	0.304	Thermal Discharging
SOU086	250	'7020534_/_7025338'		1.9	3.8	10	0.912	10	6.56	3.65 No	0.912	Thermal Discharging
SOU086	251	'6798806_/_6798820'		2	3.8	10	0.912	10	6.53	3.65 No	0.912	Thermal Discharging
SOU086	252	'6798537_/_6798560_2'		0.67	1.27	3.33	0.304	0.5	2.18	1.22 No	0.304	Thermal Discharging
SOU086	253	'43992094_/_43992096'		2	3.8	10	0.912	1.7	6.48	3.65 No	0.912	Thermal Discharging
SOU086	254	'7025307_/_7025321'		1.9	3.8	10	0.912	10	6.53	3.65 No	0.912	Thermal Discharging
SOU086	255	'6798805_/_6798803'		2	3.8	10	0.912	10	6.51	3.65 No	0.912	Thermal Discharging
SOU086	256	'7043468_/_7043466_1'		0.63	1.27	3.33	0.304	0.3	2.24	1.22 No	0.3	Element Fault
SOU086	257	'7039180_/_7039204_2'		0.63	1.27	3.33	0.304	0.5	2.18	1.22 No	0.304	Thermal Discharging
SOU086	258	'7026988_/_7027002'		1.9	3.8	10	0.912	1.5	6.85	3.65 No	0.912	Thermal Discharging
SOU086	259	'7025290_/_7025304'		1.9	3.8	10	0.912	10	6.5	3.65 No	0.912	Thermal Discharging
SOU086	260	'44046736_/_44046738'		0.8	1.27	3.33	0.304	0.55	2.24	1.22 No	0.304	Thermal Discharging
SOU086	261	'6797347_/_6797327'		2	3.7	10	0.912	1.7	6.44	3.65 No	0.912	Thermal Discharging
SOU086	262	'6798890_/_6798888'		2	3.7	10	0.912	10	6.47	3.65 No	0.912	Thermal Discharging
SOU086	263	'50723079_/_7043466_2'		0.63	1.27	3.33	0.304	0.3	2.22	1.22 No	0.3	Element Fault
SOU086	264	'6797364_/_6797361'		2	3.7	10	0.912	1.7	6.42	3.65 No	0.912	Thermal Discharging
SOU086	265	'6799161_/_6799158_1'		2	3.7	10	0.912	1.6	6.45	3.65 No	0.912	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
											VSR (MW)	Limiting Threshold
SOU086	266	'405050372_/_7025287'		1.8	3.8	10	0.912	10	6.46	3.65 No	0.912	Thermal Discharging
SOU086	267	'6798563_/_6798560_3'		0.67	1.23	3.33	0.304	0.5	2.15	1.22 No	0.304	Thermal Discharging
SOU086	268	'7040122_/_44046360'		1.9	3.8	10	0.912	3.5	6.69	3.65 No	0.912	Thermal Discharging
SOU086	269	'7040608_/_7040605'		1.27	2.53	6.67	0.608	1	4.47	2.43 No	0.608	Thermal Discharging
SOU086	270	'44047181_/_7043505'		1.9	3.8	10	0.912	1.5	6.66	3.65 No	0.912	Thermal Discharging
SOU086	271	'44042430_/_44042432_1'		0.63	1.23	3.33	0.304	0.5	2.16	1.22 No	0.304	Thermal Discharging
SOU086	272	'6799214_/_6799212'		2	3.7	10	0.912	10	6.43	3.65 No	0.912	Thermal Discharging
SOU086	273	'96449962_/_6799158_2'		2	3.7	10	0.912	1.6	6.43	3.65 No	0.912	Thermal Discharging
SOU086	274	'43992107_/_6797378'		2	3.7	10	0.912	1.7	6.39	3.65 No	0.912	Thermal Discharging
SOU086	275	'406293961_/_7020531_2'		0.63	1.23	3.33	0.304	1.2	2.15	1.22 No	0.304	Thermal Discharging
SOU086	276	'406293966_/_44044930_2'		0.63	1.23	3.33	0.304	1.1	2.15	1.22 No	0.304	Thermal Discharging
SOU086	277	'131662630_/_131662648'		1.8	3.7	10	0.912	1.6	6.48	3.65 No	0.912	Thermal Discharging
SOU086	278	'43992334_/_43992336'		0.67	1.23	3.33	0.304	0.5	2.14	1.22 No	0.304	Thermal Discharging
SOU086	279	'6799231_/_6799229'		2	3.7	10	0.912	10	6.4	3.65 No	0.912	Thermal Discharging
SOU086	280	'44046667_/_7040869'		1.53	2.47	6.67	0.608	1.1	4.44	2.43 No	0.608	Thermal Discharging
SOU086	281	'6797258_/_43992109'		2	3.7	10	0.912	1.7	6.36	3.65 No	0.912	Thermal Discharging
SOU086	282	'7039827_/_7039837'		0.63	1.23	3.33	0.304	0.3	2.2	1.22 No	0.3	Element Fault
SOU086	283	'6799596_/_6799610'		2	3.7	10	0.912	10	6.38	3.65 No	0.912	Thermal Discharging
SOU086	284	'317410670_/_6797256'		2	3.7	10	0.912	1.7	6.34	3.65 No	0.912	Thermal Discharging
SOU086	285	'6797259_/_317410674'		2	3.7	10	0.912	1.7	6.33	3.65 No	0.912	Thermal Discharging
SOU086	286	'6799458_/_6799593'		2	3.7	10	0.912	10	6.36	3.65 No	0.912	Thermal Discharging
SOU086	287	'317410700_/_255834113_1'		2	3.7	10	0.912	0.9	6.33	3.65 No	0.9	Element Fault
SOU086	288	'7040190_/_44046411'		1.8	3.7	10	0.912	1.6	6.66	3.65 No	0.912	Thermal Discharging
SOU086	289	'43992356_/_6798573'		0.67	1.23	3.33	0.304	0.5	2.12	1.22 No	0.304	Thermal Discharging
SOU086	290	'6799542_/_6799556'		2	3.7	10	0.912	10	6.34	3.65 No	0.912	Thermal Discharging
SOU086	291	'6797519_/_6797679'		2	3.7	10	0.912	1.7	6.3	3.65 No	0.912	Thermal Discharging
SOU086	292	'6797415_/_6797412'		2	3.7	10	0.912	1.7	6.3	3.65 No	0.912	Thermal Discharging
SOU086	293	'7039181_/_7039178'		0.63	1.23	3.33	0.304	0.5	2.13	1.22 No	0.304	Thermal Discharging
SOU086	294	'43992168_/_6797517'		2	3.7	10	0.912	1.7	6.28	3.65 No	0.912	Thermal Discharging
SOU086	295	'43992568_/_43992570'		2	3.7	10	0.912	10	6.3	3.65 No	0.912	Thermal Discharging
SOU086	296	'6797520_/_6797534_1'		2	3.7	10	0.912	1.7	6.27	3.65 No	0.912	Thermal Discharging
SOU086	297	'7026968_/_7026985'		1.8	3.7	10	0.912	1.5	6.67	3.65 No	0.912	Thermal Discharging
SOU086	298	'7041690_/_7041700'		0.83	1.23	3.33	0.304	0.5	2.2	1.22 No	0.304	Thermal Discharging
SOU086	299	'6797435_/_6797432'		2	3.7	10	0.912	1.7	6.27	3.65 No	0.912	Thermal Discharging
SOU086	300	'7020576_/_7020586'		0.63	1.23	3.33	0.304	0.5	2.12	1.22 No	0.304	Thermal Discharging
SOU086	301	'50655013_/_6799158_3'		2	3.6	10	0.912	1.6	6.33	3.65 No	0.912	Thermal Discharging
SOU086	302	'6797537_/_6797534_2'		2	3.7	10	0.912	1.7	6.25	3.65 No	0.912	Thermal Discharging
SOU086	303	'616455519_/_6800819'		2	3.7	10	0.912	1.7	6.25	3.65 No	0.912	Thermal Discharging
SOU086	304	'6796871_/_6797449'		2	3.6	10	0.912	1.7	6.24	3.65 No	0.912	Thermal Discharging
SOU086	305	'6798498_/_6798508'		0.67	1.2	3.33	0.304	0.5	2.1	1.22 No	0.304	Thermal Discharging
SOU086	306	'6799488_/_6799522'		2	3.6	10	0.912	10	6.27	3.65 No	0.912	Thermal Discharging
SOU086	307	'44046556_/_7040620'		1.2	2.47	6.67	0.608	1	4.36	2.43 No	0.608	Thermal Discharging
SOU086	308	'6797469_/_6797466'		2	3.6	10	0.912	1.7	6.22	3.65 No	0.912	Thermal Discharging
SOU086	309	'6799139_/_6799137'		1.27	2.4	6.67	0.608	1.07	4.19	2.43 No	0.608	Thermal Discharging
SOU086	310	'6799471_/_6799485'		1.9	3.6	10	0.912	10	6.24	3.65 No	0.912	Thermal Discharging
SOU086	311	'43992144_/_6797659'		2	3.6	10	0.912	1.7	6.21	3.65 No	0.912	Thermal Discharging
SOU086	312	'6798589_/_6798586'		0.63	1.2	3.33	0.304	0.5	2.09	1.22 No	0.304	Thermal Discharging
SOU086	313	'7040842_/_7040854'		1.47	2.47	6.67	0.608	1.1	4.34	2.43 No	0.608	Thermal Discharging
SOU086	314	'545832273_/_619357904'		1.27	2.4	6.67	0.608	3.1	4.22	2.43 No	0.608	Thermal Discharging
SOU086	315	'7020533_/_7020531_1'		0.63	1.23	3.33	0.304	0.5	2.1	1.22 No	0.304	Thermal Discharging
SOU086	316	'44044928_/_44044930_1'		0.63	1.23	3.33	0.304	0.5	2.1	1.22 No	0.304	Thermal Discharging
SOU086	317	'44047169_/_7043424'		0.63	1.2	3.33	0.304	0.5	2.1	1.22 No	0.304	Thermal Discharging
SOU086	318	'6797486_/_6797483'		2	3.6	10	0.912	1.7	6.19	3.65 No	0.912	Thermal Discharging
SOU086	319	'124949115_/_6799468'		1.9	3.6	10	0.912	10	6.21	3.65 No	0.912	Thermal Discharging
SOU086	320	'7020575_/_7020573'		0.63	1.2	3.33	0.304	0.5	2.1	1.22 No	0.304	Thermal Discharging
SOU086	321	'6797554_/_6797551'		1.9	3.6	10	0.912	1.7	6.18	3.65 No	0.912	Thermal Discharging
SOU086	322	'44046288_/_44046290'		0.63	1.2	3.33	0.304	0.5	2.15	1.22 No	0.304	Thermal Discharging
SOU086	323	'7041089_/_7041099'		0.8	1.2	3.33	0.304	0.55	2.16	1.22 No	0.304	Thermal Discharging
SOU086	324	'7039814_/_7039824'		0.6	1.2	3.33	0.304	0.3	2.15	1.22 No	0.3	Element Fault
SOU086	325	'6799394_/_43992535'		1.9	3.6	10	0.912	10	6.19	3.65 No	0.912	Thermal Discharging
SOU086	326	'7026951_/_7026965'		1.8	3.7	10	0.912	1.5	6.57	3.65 No	0.912	Thermal Discharging
SOU086	327	'6796891_/_6797500'		1.9	3.6	10	0.912	1.7	6.15	3.65 No	0.912	Thermal Discharging
SOU086	328	'6797571_/_6797568'		1.9	3.6	10	0.912	1.7	6.14	3.65 No	0.912	Thermal Discharging
SOU086	329	'6797085_/_6797639'		1.9	3.6	10	0.912	1.7	6.13	3.65 No	0.912	Thermal Discharging
SOU086	330	'8733869_/_8733866_2'		1.8	3.7	10	0.912	1.5	6.55	3.65 No	0.912	Thermal Discharging
SOU086	331	'6799089_/_6799195'		1.9	3.6	10	0.912	1.6	6.22	3.65 No	0.912	Thermal Discharging
SOU086	332	'6799457_/_6799455_1'		0.63	1.2	3.33	0.304	0.5	2.06	1.22 No	0.304	Thermal Discharging
SOU086	333	'43992520_/_6799391'		1.9	3.6	10	0.912	10	6.15	3.65 No	0.912	Thermal Discharging
SOU086	334	'44046310_/_7039902'		1.2	2.4	6.67	0.608	1	4.28	2.43 No	0.608	Thermal Discharging
SOU086	335	'44046568_/_7043929'		0.6	1.2	3.33	0.304	0.5	2.15	1.22 No	0.304	Thermal Discharging
SOU086	336	'7040139_/_7040136'		1.8	3.6	10	0.912	3.5	6.45	3.65 No	0.912	Thermal Discharging
SOU086	337	'6797588_/_6797585'		1.9	3.6	10	0.912	1.7	6.12	3.65 No	0.912	Thermal Discharging
SOU086	338	'43992775_/_6800904'		1.9	3.6	10	0.912	1.7	6.11	3.65 No	0.912	Thermal Discharging
SOU086	339	'616455503_/_43992777'		1.9	3.6	10	0.912	1.7	6.1	3.65 No	0.912	Thermal Discharging
SOU086	340	'8733868_/_8733866_1'		1.8	3.7	10	0.912	0.9	6.52	3.65 No	0.9	Element Fault
SOU086	341	'43992345_/_43992347'		0.63	1.2	3.33	0.304	0.5	2.06	1.22 No	0.304	Thermal Discharging
SOU086	342	'43992546_/_6799455_2'		0.63	1.2	3.33	0.304	0.5	2.05	1.22 No	0.304	Thermal Discharging
SOU086	343	'7040360_/_7040370_2'		0.6	1.2	3.33	0.304	1.17	2.14	1.22 No	0.304	Thermal Discharging
SOU086	344	'6798602_/_6798599'		0.63	1.2	3.33	0.304	0.5	2.05	1.22 No	0.304	Thermal Discharging
SOU086	345	'6799377_/_6804211'		1.9	3.6	10	0.912	10	6.12	3.65 No	0.912	Thermal Discharging
SOU086	346	'6795804_/_44046301'		0.6	1.2	3.33	0.304	0.3	2.12	1.22 No	0.3	Element Fault
SOU086	347	'6797150_/_6797602'		1.9	3.6	10	0.912	1.7	6.08	3.65 No	0.912	Thermal Discharging
SOU086	348	'473240603_/_473240609'		1.9	3.6	10	0.912	10	6.11	3.65 No	0.912	Thermal Discharging
SOU086	349	'6799444_/_6799442_1'		0.63	1.2	3.33	0.304	0.5	2.05	1.22 No	0.304	Thermal Discharging
SOU086	350	'70885825_/_70885819'		1.27	2.4	6.67	0.608	3.1	4.14	2.43 No	0.608	Thermal Discharging
SOU086	351	'6796870_/_6796868'		1.9	3.6	10	0.912	1.7	6.1	3.65 No	0.912	Thermal Discharging
SOU086	352	'43992507_/_6799374'		1.9	3.6	10	0.912	10	6.08	3.65 No	0.912	Thermal Discharging
SOU086	353	'44046090_/_7026948'		0.6	1.2	3.33	0.304	0.5	2.15	1.22 No	0.304	Thermal Discharging
SOU086	354	'44046758_/_44046760'		0.8	1.2	3.33	0.304	0.5	2.13	1.22 No	0.304	Thermal Discharging
SOU086	355	'7020546_/_7020544'		0.63	1.2	3.33	0.304	0.5	2.06	1.22 No	0.304	Thermal Discharging
SOU086	356	'7031723_/_44043633'		0.63	1.2	3.33	0.304	0.5	2.06	1.22 No	0.304	Thermal Discharging
SOU086	357	'7040207_/_7040204'		1.8	3.6	10	0.912	1.6	6.41	3.65 No	0.912	Thermal Discharging
SOU086	358	'7039193_/_7043411'		0.63	1.2	3.33	0.304	0.5	2.05	1.22 No	0.304	Thermal Discharging
SOU086	359	'6799360_/_43992509'		1.9	3.5	10	0.912	10				

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SOU086	360	'6797151_/_6797148'		1.9	3.5	10	0.912	1.7	6.03	3.65 No	0.912 Thermal Discharging
SOU086	361	'7040643_/_7043916'		0.6	1.2	3.33	0.304	0.5	2.11	1.22 No	0.304 Thermal Discharging
SOU086	362	'7040841_/_7040839'		1.4	2.4	6.67	0.608	1.1	4.22	2.43 No	0.608 Thermal Discharging
SOU086	363	'6798472_/_6798482'		0.63	1.17	3.33	0.304	0.5	2.03	1.22 No	0.304 Thermal Discharging
SOU086	364	'6799090_/_6799087'		1.9	3.5	10	0.912	1.6	6.11	3.65 No	0.912 Thermal Discharging
SOU086	365	'6799427_/_6799956'		1.9	3.5	10	0.912	10	6.03	3.65 No	0.912 Thermal Discharging
SOU086	366	'124949157_/_8751240_2'		1.9	3.5	10	0.912	10	6.02	3.65 No	0.912 Thermal Discharging
SOU086	367	'8751242_/_8751240_1'		1.9	3.5	10	0.912	10	6.02	3.65 No	0.912 Thermal Discharging
SOU086	368	'43992367_/_6798612'		0.63	1.17	3.33	0.304	0.5	2.02	1.22 No	0.304 Thermal Discharging
SOU086	369	'7489939_/_9383504'		1.9	3.5	10	0.912	10	6.01	3.65 No	0.912 Thermal Discharging
SOU086	370	'6799339_/_6799337'		1.9	3.5	10	0.912	10	6	3.65 No	0.912 Thermal Discharging
SOU086	371	'43992157_/_6797083'		0.63	1.17	3.33	0.304	0.57	2	1.22 No	0.304 Thermal Discharging
SOU086	372	'43992013_/_6796888'		1.9	3.5	10	0.912	1.7	6.01	3.65 No	0.912 Thermal Discharging
SOU086	373	'7027370_/_7039811'		0.6	1.17	3.33	0.304	0.3	2.08	1.22 No	0.3 Element Fault
SOU086	374	'7039923_/_44046312'		1.2	2.33	6.67	0.608	1	4.18	2.43 No	0.608 Thermal Discharging
SOU086	375	'255834099_/_255834113_2'		1.9	3.5	10	0.912	0.9	6.02	3.65 No	0.9 Element Fault
SOU086	376	'43992483_/_43992485'		1.2	2.33	6.67	0.608	1.07	4.04	2.43 No	0.608 Thermal Discharging
SOU086	377	'7026302_/_7039165'		0.63	1.17	3.33	0.304	0.5	2.02	1.22 No	0.304 Thermal Discharging
SOU086	378	'7040372_/_7040370_1'		0.57	1.17	3.33	0.304	0.5	2.09	1.22 No	0.304 Thermal Discharging
SOU086	379	'7040978_/_7040990'		1.4	2.33	6.67	0.608	1.1	4.17	2.43 No	0.608 Thermal Discharging
SOU086	380	'6799281_/_6799442_2'		0.6	1.17	3.33	0.304	0.5	2	1.22 No	0.304 Thermal Discharging
SOU086	381	'52465166_/_70885601'		1.33	2.33	6.67	0.608	3.1	4.05	2.43 No	0.608 Thermal Discharging
SOU086	382	'7040644_/_7040641'		0.57	1.17	3.33	0.304	0.5	2.08	1.22 No	0.304 Thermal Discharging
SOU086	383	'6798459_/_6798469'		0.6	1.17	3.33	0.304	0.5	1.99	1.22 No	0.304 Thermal Discharging
SOU086	384	'7041076_/_7041086'		0.8	1.17	3.33	0.304	0.55	2.08	1.22 No	0.304 Thermal Discharging
SOU086	385	'6798628_/_6798625'		0.6	1.17	3.33	0.304	0.5	1.99	1.22 No	0.304 Thermal Discharging
SOU086	386	'6799107_/_6799104'		1.8	3.5	10	0.912	1.6	6.02	3.65 No	0.912 Thermal Discharging
SOU086	387	'6795805_/_6795802'		0.57	1.17	3.33	0.304	0.3	2.06	1.22 No	0.3 Element Fault
SOU086	388	'7026386_/_7039191'		0.63	1.17	3.33	0.304	0.5	2.01	1.22 No	0.304 Thermal Discharging
SOU086	389	'8106103_/_9678288_2'		1.33	2.33	6.67	0.608	2.9	4.03	2.43 No	0.608 Thermal Discharging
SOU086	390	'6799731_/_6799741'		0.6	1.17	3.33	0.304	1.1	1.97	1.22 No	0.304 Thermal Discharging
SOU086	391	'7027127_/_44046092'		0.6	1.17	3.33	0.304	0.5	2.09	1.22 No	0.304 Thermal Discharging
SOU086	392	'44046504_/_44046506'		1.7	3.5	10	0.912	1.6	6.24	3.65 No	0.912 Thermal Discharging
SOU086	393	'6798641_/_6798638'		0.6	1.17	3.33	0.304	0.5	1.97	1.22 No	0.304 Thermal Discharging
SOU086	394	'7027369_/_44046219'		0.57	1.17	3.33	0.304	0.3	2.05	1.22 No	0.3 Element Fault
SOU086	395	'7040385_/_7040383'		0.57	1.17	3.33	0.304	0.5	2.06	1.22 No	0.304 Thermal Discharging
SOU086	396	'6803723_/_43992122'		1.8	3.4	10	0.912	1.7	5.92	3.65 No	0.912 Thermal Discharging
SOU086	397	'7039879_/_7039889'		0.63	1.17	3.33	0.304	0.5	2.05	1.22 No	0.304 Thermal Discharging
SOU086	398	'621733949_/_6799728_2'		0.6	1.13	3.33	0.304	1.1	1.96	1.22 No	0.304 Thermal Discharging
SOU086	399	'7020562_/_7020560'		0.63	1.17	3.33	0.304	0.5	2	1.22 No	0.304 Thermal Discharging
SOU086	400	'6797099_/_6797096'		0.6	1.13	3.33	0.304	0.57	1.95	1.22 No	0.304 Thermal Discharging
SOU086	401	'621734184_/_7040396_1'		0.57	1.13	3.33	0.304	0.5	2.05	1.22 No	0.304 Thermal Discharging
SOU086	402	'7041664_/_7041674'		0.77	1.17	3.33	0.304	0.5	2.06	1.22 No	0.304 Thermal Discharging
SOU086	403	'44046445_/_7040289'		1.7	3.4	10	0.912	3.5	6.16	3.65 No	0.912 Thermal Discharging
SOU086	404	'43992323_/_43992325'		0.6	1.13	3.33	0.304	0.5	1.95	1.22 No	0.304 Thermal Discharging
SOU086	405	'6797701_/_6797719'		1.8	3.4	10	0.912	1.7	5.83	3.65 No	0.912 Thermal Discharging
SOU086	406	'120076645_/_120076477'		1.8	3.4	10	0.912	1.7	5.84	3.65 No	0.912 Thermal Discharging
SOU086	407	'43992389_/_6798680'		0.6	1.13	3.33	0.304	0.5	1.95	1.22 No	0.304 Thermal Discharging
SOU086	408	'7040292_/_7040306_1'		1.7	3.4	10	0.912	3.5	6.13	3.65 No	0.912 Thermal Discharging
SOU086	409	'6798446_/_6798443_2'		0.6	1.13	3.33	0.304	0.5	1.95	1.22 No	0.304 Thermal Discharging
SOU086	410	'7026303_/_7026300'		0.63	1.13	3.33	0.304	0.5	1.97	1.22 No	0.304 Thermal Discharging
SOU086	411	'44046579_/_7040654'		0.57	1.13	3.33	0.304	0.5	2.03	1.22 No	0.304 Thermal Discharging
SOU086	412	'44046702_/_7040975'		1.4	2.27	6.67	0.608	1.1	4.06	2.43 No	0.608 Thermal Discharging
SOU086	413	'43992603_/_6799775'		1.2	2.27	6.67	0.608	2.2	3.87	2.43 No	0.608 Thermal Discharging
SOU086	414	'7026387_/_7026384'		0.63	1.13	3.33	0.304	0.5	1.96	1.22 No	0.304 Thermal Discharging
SOU086	415	'433457275_/_433457272'		0.57	1.13	3.33	0.304	0.3	2.01	1.22 No	0.3 Element Fault
SOU086	416	'44045920_/_7039070'		0.6	1.17	3.33	0.304	0.5	2.04	1.22 No	0.304 Thermal Discharging
SOU086	417	'43992557_/_6799279'		0.6	1.13	3.33	0.304	0.5	1.94	1.22 No	0.304 Thermal Discharging
SOU086	418	'43992495_/_43992497'		1.2	2.27	6.67	0.608	1.07	3.91	2.43 No	0.608 Thermal Discharging
SOU086	419	'7029573_/_7029571'		0.67	1.13	3.33	0.304	1.1	1.96	1.22 No	0.304 Thermal Discharging
SOU086	420	'621733916_/_43992605_1'		1.2	2.27	6.67	0.608	1	3.85	2.43 No	0.608 Thermal Discharging
SOU086	421	'6798433_/_6798443_1'		0.6	1.13	3.33	0.304	0.5	1.93	1.22 No	0.304 Thermal Discharging
SOU086	422	'44046458_/_7040396_2'		0.57	1.13	3.33	0.304	0.5	2.01	1.22 No	0.304 Thermal Discharging
SOU086	423	'6795978_/_7114703'		0.6	1.13	3.33	0.304	0.5	2.01	1.22 No	0.304 Thermal Discharging
SOU086	424	'6798696_/_43992391'		0.6	1.13	3.33	0.304	0.5	1.92	1.22 No	0.304 Thermal Discharging
SOU086	425	'44046725_/_7041073'		0.77	1.13	3.33	0.304	0.55	2.01	1.22 No	0.304 Thermal Discharging
SOU086	426	'9678290_/_9678288_1'		1.33	2.27	6.67	0.608	0.2	3.91	2.43 No	0.2 Element Fault
SOU086	427	'6799730_/_6799728_1'		0.6	1.13	3.33	0.304	0.5	1.92	1.22 No	0.304 Thermal Discharging
SOU086	428	'6797021_/_6797031'		0.63	1.1	3.33	0.304	0.57	1.92	1.22 No	0.304 Thermal Discharging
SOU086	429	'44043609_/_44043611'		0.63	1.13	3.33	0.304	0.5	1.94	1.22 No	0.304 Thermal Discharging
SOU086	430	'7038784_/_44045922'		0.6	1.13	3.33	0.304	0.5	2.02	1.22 No	0.304 Thermal Discharging
SOU086	431	'44046517_/_7040494'		1.6	3.3	10	0.912	1.6	6.04	3.65 No	0.912 Thermal Discharging
SOU086	432	'6797112_/_6797109'		0.6	1.1	3.33	0.304	0.57	1.9	1.22 No	0.304 Thermal Discharging
SOU086	433	'8733797_/_9051009_1'		0.6	1.13	3.33	0.304	0.3	2.02	1.22 No	0.3 Element Fault
SOU086	434	'7040948_/_7040960'		1.33	2.27	6.67	0.608	1.1	3.98	2.43 No	0.608 Thermal Discharging
SOU086	435	'6798432_/_6798430'		0.57	1.1	3.33	0.304	0.5	1.9	1.22 No	0.304 Thermal Discharging
SOU086	436	'7041651_/_7041661'		0.73	1.13	3.33	0.304	0.5	2	1.22 No	0.304 Thermal Discharging
SOU086	437	'120076505_/_120076502'		1.8	3.3	10	0.912	1.7	5.71	3.65 No	0.912 Thermal Discharging
SOU086	438	'433457303_/_433457301'		0.57	1.13	3.33	0.304	0.3	1.97	1.22 No	0.3 Element Fault
SOU086	439	'6799298_/_43992559'		0.57	1.1	3.33	0.304	0.5	1.91	1.22 No	0.304 Thermal Discharging
SOU086	440	'43991764_/_6795815'		0.57	1.1	3.33	0.304	0.3	1.97	1.22 No	0.3 Element Fault
SOU086	441	'9051012_/_9051009_2'		0.6	1.13	3.33	0.304	0.3	2	1.22 No	0.3 Element Fault
SOU086	442	'7039866_/_7039876'		0.63	1.1	3.33	0.304	0.5	1.97	1.22 No	0.304 Thermal Discharging
SOU086	443	'44046584_/_44046581'		0.53	1.13	3.33	0.304	0.5	1.97	1.22 No	0.304 Thermal Discharging
SOU086	444	'7040309_/_7040306_2'		1.6	3.3	10	0.912	3.5	5.96	3.65 No	0.912 Thermal Discharging
SOU086	445	'6798709_/_6798706'		0.57	1.1	3.33	0.304	0.5	1.89	1.22 No	0.304 Thermal Discharging
SOU086	446	'43989983_/_43992605_2'		1.13	2.2	6.67	0.608	1	3.78	2.43 No	0.608 Thermal Discharging
SOU086	447	'55005576_/_7026316'		0.63	1.1	3.33	0.304	0.5	1.91	1.22 No	0.304 Thermal Discharging
SOU086	448	'124949420_/_7038782'		0.6	1.13	3.33	0.304	0.5	1.99	1.22 No	0.304 Thermal Discharging
SOU086	449	'43992205_/_6797699'		1.7	3.3	10	0.912	1.7	5.63	3.65 No	0.912 Thermal Discharging
SOU086	450	'6795977_/_6795975'		0.6	1.1	3.33	0.304	0.5	1.96	1.22 No	0.304 Thermal Discharging
SOU086	451	'124949446_/_8417068_1'		0.6	1.13	3.33	0.304	0.3	1.98	1.22 No	0.3 Element Fault
SOU086	452	'6799076_/_43992449'		0.57	1.1	3.33	0.304	0.5	1.87	1.22 No	0.304 Thermal Discharging
SOU086	453	'7029607_/_7029604'		0.67	1.1	3.33	0.304	1.1	1.91	1.22 No	0.304 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SOU086	454	'44043233_/_44043235'		0.67	1.1	3.33	0.304	1.1	1.91	1.22	No 0.304 Thermal Discharging
SOU086	455	'9061529_/_9061527_1'		1.7	3.3	10	0.912	1	5.62	3.65	No 0.912 Thermal Discharging
SOU086	456	'7026400_/_7026397'		0.63	1.1	3.33	0.304	0.5	1.9	1.22	No 0.304 Thermal Discharging
SOU086	457	'7040412_/_44046460'		0.53	1.1	3.33	0.304	0.5	1.95	1.22	No 0.304 Thermal Discharging
SOU086	458	'6797020_/_6797018'		0.63	1.1	3.33	0.304	0.57	1.87	1.22	No 0.304 Thermal Discharging
SOU086	459	'584768063_/_7151514'		1.13	2.2	6.67	0.608	1.07	3.79	2.43	No 0.608 Thermal Discharging
SOU086	460	'7041047_/_7041060'		0.77	1.1	3.33	0.304	0.55	1.95	1.22	No 0.304 Thermal Discharging
SOU086	461	'43992194_/_6797122'		0.57	1.1	3.33	0.304	0.57	1.85	1.22	No 0.304 Thermal Discharging
SOU086	462	'43992378_/_6798719'		0.57	1.1	3.33	0.304	0.5	1.86	1.22	No 0.304 Thermal Discharging
SOU086	463	'7031669_/_7031666'		0.63	1.1	3.33	0.304	0.5	1.89	1.22	No 0.304 Thermal Discharging
SOU086	464	'44046655_/_7040945'		1.27	2.2	6.67	0.608	1.1	3.87	2.43	No 0.608 Thermal Discharging
SOU086	465	'433457317_/_433457315'		0.53	1.1	3.33	0.304	0.3	1.92	1.22	No 0.3 Element Fault
SOU086	466	'6799311_/_6799308'		0.57	1.07	3.33	0.304	0.5	1.85	1.22	No 0.304 Thermal Discharging
SOU086	467	'621734278_/_7040425'		0.53	1.07	3.33	0.304	0.5	1.92	1.22	No 0.304 Thermal Discharging
SOU086	468	'6798419_/_6798732'		0.57	1.07	3.33	0.304	0.5	1.83	1.22	No 0.304 Thermal Discharging
SOU086	469	'7040514_/_44046519'		1.6	3.2	10	0.912	1.6	5.82	3.65	No 0.912 Thermal Discharging
SOU086	470	'44046747_/_44046749'		0.7	1.1	3.33	0.304	0.5	1.92	1.22	No 0.304 Thermal Discharging
SOU086	471	'7031698_/_7031695'		0.63	1.07	3.33	0.304	0.5	1.86	1.22	No 0.304 Thermal Discharging
SOU086	472	'44046228_/_7039863'		0.63	1.07	3.33	0.304	0.5	1.9	1.22	No 0.304 Thermal Discharging
SOU086	473	'7041034_/_7041044_2'		0.73	1.07	3.33	0.304	0.55	1.91	1.22	No 0.304 Thermal Discharging
SOU086	474	'8417071_/_8417068_2'		0.6	1.1	3.33	0.304	0.3	1.93	1.22	No 0.3 Element Fault
SOU086	475	'7040326_/_7040323'		1.5	3.2	10	0.912	3.5	5.75	3.65	No 0.912 Thermal Discharging
SOU086	476	'7026331_/_7026329'		0.63	1.07	3.33	0.304	0.5	1.85	1.22	No 0.304 Thermal Discharging
SOU086	477	'7028587_/_7029676'		0.67	1.07	3.33	0.304	1.1	1.86	1.22	No 0.304 Thermal Discharging
SOU086	478	'6798963_/_6798960'		1.13	2.13	6.67	0.608	1	3.65	2.43	No 0.608 Thermal Discharging
SOU086	479	'6795831_/_43991766'		0.53	1.07	3.33	0.304	0.3	1.89	1.22	No 0.3 Element Fault
SOU086	480	'44044998_/_7026410'		0.63	1.07	3.33	0.304	0.5	1.84	1.22	No 0.304 Thermal Discharging
SOU086	481	'268069757_/_268069657_2'		1.5	3.2	10	0.912	3.5	5.74	3.65	No 0.912 Thermal Discharging
SOU086	482	'6798420_/_6798417'		0.57	1.07	3.33	0.304	0.5	1.82	1.22	No 0.304 Thermal Discharging
SOU086	483	'44046714_/_7041044_1'		0.73	1.07	3.33	0.304	0.55	1.9	1.22	No 0.304 Thermal Discharging
SOU086	484	'6795990_/_43991729'		0.6	1.07	3.33	0.304	0.5	1.9	1.22	No 0.304 Thermal Discharging
SOU086	485	'7027318_/_433457329'		0.53	1.07	3.33	0.304	0.3	1.89	1.22	No 0.3 Element Fault
SOU086	486	'621734865_/_43992460'		1.07	2.13	6.67	0.608	1.07	3.7	2.43	No 0.608 Thermal Discharging
SOU086	487	'6797138_/_6797135'		0.57	1.07	3.33	0.304	0.57	1.81	1.22	No 0.304 Thermal Discharging
SOU086	488	'6799327_/_6799324'		0.57	1.07	3.33	0.304	0.5	1.83	1.22	No 0.304 Thermal Discharging
SOU086	489	'7040011_/_7040930'		1.27	2.13	6.67	0.608	1.1	3.78	2.43	No 0.608 Thermal Discharging
SOU086	490	'621734286_/_584768076'		0.5	1.07	3.33	0.304	0.5	1.88	1.22	No 0.304 Thermal Discharging
SOU086	491	'9061530_/_9061527_2'		1.7	3.2	10	0.912	1	5.43	3.65	No 0.912 Thermal Discharging
SOU086	492	'7032280_/_7032277'		0.63	1.07	3.33	0.304	0.5	1.82	1.22	No 0.304 Thermal Discharging
SOU086	493	'7041625_/_7041635'		0.7	1.07	3.33	0.304	0.5	1.88	1.22	No 0.304 Thermal Discharging
SOU086	494	'7039993_/_7040008'		1.27	2.07	6.67	0.608	1.1	3.72	2.43	No 0.608 Thermal Discharging
SOU086	495	'478631115_/_6797165'		0.53	1.03	3.33	0.304	0.57	1.78	1.22	No 0.304 Thermal Discharging
SOU086	496	'584768109_/_584768106'		0.5	1.03	3.33	0.304	0.5	1.86	1.22	No 0.304 Thermal Discharging
SOU086	497	'268069620_/_268069657_1'		1.5	3.1	10	0.912	1.5	5.63	3.65	No 0.912 Thermal Discharging
SOU086	498	'7041021_/_7041031'		0.7	1.03	3.33	0.304	0.55	1.85	1.22	No 0.304 Thermal Discharging
SOU086	499	'7031711_/_7031708'		0.63	1.03	3.33	0.304	0.5	1.81	1.22	No 0.304 Thermal Discharging
SOU086	500	'6795846_/_6795988'		0.6	1.03	3.33	0.304	0.5	1.85	1.22	No 0.304 Thermal Discharging
SOU086	501	'7027357_/_7027380'		0.63	1.03	3.33	0.304	0.5	1.85	1.22	No 0.304 Thermal Discharging
SOU086	502	'7028588_/_7028585'		0.63	1.03	3.33	0.304	1.1	1.81	1.22	No 0.304 Thermal Discharging
SOU086	503	'8417087_/_8417084'		0.57	1.07	3.33	0.304	0.3	1.87	1.22	No 0.3 Element Fault
SOU086	504	'44046530_/_7040528'		1.5	3.1	10	0.912	1.6	5.61	3.65	No 0.912 Thermal Discharging
SOU086	505	'43992411_/_43992413'		1.07	2.07	6.67	0.608	1	3.55	2.43	No 0.608 Thermal Discharging
SOU086	506	'7026345_/_7026342'		0.63	1.03	3.33	0.304	0.5	1.8	1.22	No 0.304 Thermal Discharging
SOU086	507	'7040055_/_7041018'		0.7	1.03	3.33	0.304	0.55	1.84	1.22	No 0.304 Thermal Discharging
SOU086	508	'6796017_/_43991788'		0.5	1.03	3.33	0.304	0.3	1.83	1.22	No 0.3 Element Fault
SOU086	509	'44046335_/_7039990'		1.2	2.07	6.67	0.608	1.1	3.66	2.43	No 0.608 Thermal Discharging
SOU086	510	'44045033_/_7039961'		0.63	1.03	3.33	0.304	0.5	1.78	1.22	No 0.304 Thermal Discharging
SOU086	511	'7041624_/_7041622'		0.67	1.03	3.33	0.304	0.5	1.84	1.22	No 0.304 Thermal Discharging
SOU086	512	'44046469_/_7040340'		1.5	3.1	10	0.912	3.5	5.53	3.65	No 0.912 Thermal Discharging
SOU086	513	'6798750_/_6798790'		0.53	1.03	3.33	0.304	0.5	1.75	1.22	No 0.304 Thermal Discharging
SOU086	514	'7027317_/_44046197'		0.5	1.03	3.33	0.304	0.3	1.81	1.22	No 0.3 Element Fault
SOU086	515	'6795847_/_6795844'		0.6	1	3.33	0.304	0.5	1.8	1.22	No 0.304 Thermal Discharging
SOU086	516	'440662164_/_433456994'		0.5	1.03	3.33	0.304	0.3	1.79	1.22	No 0.3 Element Fault
SOU086	517	'44046543_/_7040700'		1.5	3	10	0.912	1.6	5.46	3.65	No 0.912 Thermal Discharging
SOU086	518	'7032292_/_44045035'		0.63	1	3.33	0.304	0.5	1.74	1.22	No 0.304 Thermal Discharging
SOU086	519	'6798995_/_6798993'		1	2	6.67	0.608	1	3.46	2.43	No 0.608 Thermal Discharging
SOU086	520	'584771594_/_8417160_2'		1.5	3	10	0.912	1.6	5.45	3.65	No 0.912 Thermal Discharging
SOU086	521	'7027344_/_7027354'		0.63	1	3.33	0.304	0.5	1.78	1.22	No 0.304 Thermal Discharging
SOU086	522	'8417163_/_8417160_1'		1.4	3	10	0.912	1	5.42	3.65	No 0.912 Thermal Discharging
SOU086	523	'7040808_/_7040806'		1.2	2	6.67	0.608	1.1	3.55	2.43	No 0.608 Thermal Discharging
SOU086	524	'6798751_/_6798748_1'		0.5	1	3.33	0.304	0.5	1.7	1.22	No 0.304 Thermal Discharging
SOU086	525	'7041924_/_7041934'		0.63	1	3.33	0.304	0.5	1.78	1.22	No 0.304 Thermal Discharging
SOU086	526	'43992400_/_6798748_2'		0.5	1	3.33	0.304	0.5	1.7	1.22	No 0.304 Thermal Discharging
SOU086	527	'9051087_/_9365200'		1.4	3	10	0.912	1	5.37	3.65	No 0.912 Thermal Discharging
SOU086	528	'44046347_/_7040052'		0.67	1	3.33	0.304	0.55	1.76	1.22	No 0.304 Thermal Discharging
SOU086	529	'7026358_/_7026355'		0.63	1	3.33	0.304	0.5	1.72	1.22	No 0.304 Thermal Discharging
SOU086	530	'44046904_/_7042385'		1.13	2	6.67	0.608	1.1	3.5	2.43	No 0.608 Thermal Discharging
SOU086	531	'96449900_/_43992425'		1	1.93	6.67	0.608	1	3.38	2.43	No 0.608 Thermal Discharging
SOU086	532	'9051088_/_9051085'		1.4	2.9	10	0.912	1	5.32	3.65	No 0.912 Thermal Discharging
SOU086	533	'7032293_/_7032290'		0.63	1	3.33	0.304	0.5	1.7	1.22	No 0.304 Thermal Discharging
SOU086	534	'6795860_/_6795857'		0.6	0.97	3.33	0.304	0.5	1.74	1.22	No 0.304 Thermal Discharging
SOU086	535	'44046206_/_7027341'		0.63	0.97	3.33	0.304	0.5	1.73	1.22	No 0.304 Thermal Discharging
SOU086	536	'8739478_/_9365180'		1.4	2.9	10	0.912	1	5.23	3.65	No 0.912 Thermal Discharging
SOU086	537	'7041911_/_7041921'		0.63	0.97	3.33	0.304	0.5	1.73	1.22	No 0.304 Thermal Discharging
SOU086	538	'44045242_/_7032303'		0.63	0.97	3.33	0.304	0.5	1.66	1.22	No 0.304 Thermal Discharging
SOU086	539	'7042328_/_7042370'		1.13	1.93	6.67	0.608	1.1	3.42	2.43	No 0.608 Thermal Discharging
SOU086	540	'44045009_/_7026368'		0.63	0.97	3.33	0.304	0.5	1.67	1.22	No 0.304 Thermal Discharging
SOU086	541	'7040026_/_7040036'		0.63	0.97	3.33	0.304	0.55	1.71	1.22	No 0.304 Thermal Discharging
SOU086	542	'6798764_/_43992402'		0.5	0.97	3.33	0.304	0.5	1.63	1.22	No 0.304 Thermal Discharging
SOU086	543	'6799026_/_6799023'		0.93	1.87	6.67	0.608	1	3.27	2.43	No 0.608 Thermal Discharging
SOU086	544	'44046892_/_7042325'		1.13	1.87	6.67	0.608	1.1	3.35	2.43	No 0.608 Thermal Discharging
SOU086	545	'7032319_/_44045244'		0.63	0.93	3.33	0.304	0.5	1.63	1.22	No 0.304 Thermal Discharging
SOU086	546	'44046938_/_7040023'		0.63	0.93	3.33	0.304	0.55	1.66	1.22	No 0.304 Thermal Discharging
SOU086	547	'44046161_/_7041908'		0.6	0.93	3.33	0.304	0.5	1.67	1.22	No 0.304 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SOU086	548	'6799043_/6799041'	0.93	1.87	6.67	0.608	1	3.22	2.43 No	0.608	Thermal Discharging
SOU086	549	'7032118_/7032115'	0.63	0.93	3.33	0.304	0.5	1.62	1.22 No	0.304	Thermal Discharging
SOU086	550	'154729317_/7027328'	0.63	0.93	3.33	0.304	0.5	1.66	1.22 No	0.304	Thermal Discharging
SOU086	551	'6798777_/6798774'	0.47	0.93	3.33	0.304	0.5	1.6	1.22 No	0.304	Thermal Discharging
SOU086	552	'8739479_/8739476'	1.3	2.8	10	0.912	1	5.03	3.65 No	0.912	Thermal Discharging
SOU086	553	'44045253_/7032332'	0.63	0.93	3.33	0.304	0.5	1.6	1.22 No	0.304	Thermal Discharging
SOU086	554	'7042312_/7042310'	1.07	1.87	6.67	0.608	1.1	3.27	2.43 No	0.608	Thermal Discharging
SOU086	555	'43992435_/6799056'	0.93	1.8	6.67	0.608	1	3.16	2.43 No	0.608	Thermal Discharging
SOU086	556	'7042232_/7042403'	0.6	0.93	3.33	0.304	0.55	1.62	1.22 No	0.304	Thermal Discharging
SOU086	557	'7032348_/7032345'	0.63	0.93	3.33	0.304	0.5	1.57	1.22 No	0.304	Thermal Discharging
SOU086	558	'490834574_/44046151'	0.57	0.9	3.33	0.304	0.5	1.62	1.22 No	0.304	Thermal Discharging
SOU086	559	'7042297_/565486572'	0.53	0.9	3.33	0.304	0.55	1.6	1.22 No	0.304	Thermal Discharging
SOU086	560	'7032131_/7032128'	0.6	0.9	3.33	0.304	0.5	1.58	1.22 No	0.304	Thermal Discharging
SOU086	561	'490834593_/7027273_2'	0.57	0.9	3.33	0.304	0.5	1.61	1.22 No	0.304	Thermal Discharging
SOU086	562	'7042284_/7042294'	0.53	0.9	3.33	0.304	0.55	1.58	1.22 No	0.304	Thermal Discharging
SOU086	563	'490834317_/7027273_1'	0.57	0.9	3.33	0.304	0.5	1.59	1.22 No	0.304	Thermal Discharging
SOU086	564	'7042219_/7042229'	0.6	0.9	3.33	0.304	0.55	1.58	1.22 No	0.304	Thermal Discharging
SOU086	565	'7027250_/7027260'	0.57	0.9	3.33	0.304	0.5	1.57	1.22 No	0.304	Thermal Discharging
SOU086	566	'7032144_/7032141'	0.6	0.87	3.33	0.304	0.5	1.54	1.22 No	0.304	Thermal Discharging
SOU086	567	'7042271_/7042281'	0.53	0.87	3.33	0.304	0.55	1.55	1.22 No	0.304	Thermal Discharging
SOU086	568	'7027237_/7027247'	0.57	0.9	3.33	0.304	0.5	1.56	1.22 No	0.304	Thermal Discharging
SOU086	569	'44045231_/7032157'	0.6	0.87	3.33	0.304	0.5	1.52	1.22 No	0.304	Thermal Discharging
SOU086	570	'7042206_/7042216'	0.57	0.87	3.33	0.304	0.55	1.54	1.22 No	0.304	Thermal Discharging
SOU086	571	'44046138_/7027234'	0.53	0.87	3.33	0.304	0.5	1.54	1.22 No	0.304	Thermal Discharging
SOU086	572	'7042258_/7042268'	0.53	0.87	3.33	0.304	0.55	1.53	1.22 No	0.304	Thermal Discharging
SOU086	573	'7032173_/7032170'	0.57	0.87	3.33	0.304	0.5	1.49	1.22 No	0.304	Thermal Discharging
SOU086	574	'584768070_/584768068'	0.53	0.87	3.33	0.304	0.5	1.52	1.22 No	0.304	Thermal Discharging
SOU086	575	'44046927_/7042203'	0.57	0.87	3.33	0.304	0.55	1.51	1.22 No	0.304	Thermal Discharging
SOU086	576	'44046881_/7042255'	0.53	0.87	3.33	0.304	0.55	1.5	1.22 No	0.304	Thermal Discharging
SOU086	577	'44045220_/7032183'	0.57	0.83	3.33	0.304	0.5	1.47	1.22 No	0.304	Thermal Discharging
SOU086	578	'7027208_/7027221'	0.53	0.83	3.33	0.304	0.5	1.49	1.22 No	0.304	Thermal Discharging
SOU086	579	'584771481_/584768084'	0.53	0.83	3.33	0.304	0.5	1.49	1.22 No	0.304	Thermal Discharging
SOU086	580	'109389892_/7042190_2'	0.57	0.83	3.33	0.304	0.55	1.48	1.22 No	0.304	Thermal Discharging
SOU086	581	'587457168_/7038743_1'	0.53	0.83	3.33	0.304	0.1	1.48	1.22 No	0.1	Element Fault
SOU086	582	'7042180_/7042190_1'	0.53	0.83	3.33	0.304	0.55	1.47	1.22 No	0.304	Thermal Discharging
SOU086	583	'7032199_/7032196'	0.57	0.83	3.33	0.304	0.5	1.44	1.22 No	0.304	Thermal Discharging
SOU086	584	'44046869_/44046871'	0.53	0.83	3.33	0.304	0.55	1.45	1.22 No	0.304	Thermal Discharging
SOU086	585	'7038746_/7038743_2'	0.5	0.83	3.33	0.304	0.1	1.46	1.22 No	0.1	Element Fault
SOU086	586	'44045209_/7032209'	0.53	0.83	3.33	0.304	0.5	1.42	1.22 No	0.304	Thermal Discharging
SOU086	587	'7042167_/7042177'	0.53	0.8	3.33	0.304	0.55	1.44	1.22 No	0.304	Thermal Discharging
SOU086	588	'44046172_/44046174'	0.5	0.8	3.33	0.304	0.5	1.43	1.22 No	0.304	Thermal Discharging
SOU086	589	'7032225_/44045211'	0.53	0.8	3.33	0.304	0.5	1.4	1.22 No	0.304	Thermal Discharging
SOU086	590	'7038759_/7038756'	0.5	0.8	3.33	0.304	0.1	1.42	1.22 No	0.1	Element Fault
SOU086	591	'7029561_/7118655'	0.53	0.8	3.33	0.304	0.55	1.4	1.22 No	0.304	Thermal Discharging
SOU086	592	'575934709_/575934866'	0.53	0.8	3.33	0.304	0.55	1.4	1.22 No	0.304	Thermal Discharging
SOU086	593	'44046916_/44046918'	0.53	0.8	3.33	0.304	0.55	1.4	1.22 No	0.304	Thermal Discharging
SOU086	594	'44045198_/7032235'	0.53	0.8	3.33	0.304	0.5	1.37	1.22 No	0.304	Thermal Discharging
SOU086	595	'7027292_/7027302'	0.5	0.8	3.33	0.304	0.5	1.39	1.22 No	0.304	Thermal Discharging
SOU086	596	'44045297_/7038769'	0.5	0.8	3.33	0.304	0.1	1.38	1.22 No	0.1	Element Fault
SOU086	597	'7027291_/7027289'	0.5	0.8	3.33	0.304	0.5	1.38	1.22 No	0.304	Thermal Discharging
SOU086	598	'7032250_/7032248'	0.5	0.77	3.33	0.304	0.5	1.35	1.22 No	0.304	Thermal Discharging
SOU086	599	'7042153_/7042151'	0.5	0.77	3.33	0.304	0.55	1.37	1.22 No	0.304	Thermal Discharging
SOU086	600	'7032264_/7032261'	0.5	0.77	3.33	0.304	0.5	1.32	1.22 No	0.304	Thermal Discharging
SOU086	601	'7042359_/7042357'	0.5	0.77	3.33	0.304	0.55	1.35	1.22 No	0.304	Thermal Discharging
SOU086	602	'7038889_/7038886'	0.47	0.77	3.33	0.304	0.1	1.35	1.22 No	0.1	Element Fault
SOU086	603	'7029311_/7118684'	0.47	0.77	3.33	0.304	0.5	1.35	1.22 No	0.304	Thermal Discharging
SOU086	604	'7029496_/7118668'	0.5	0.77	3.33	0.304	0.55	1.34	1.22 No	0.304	Thermal Discharging
SOU086	605	'7029482_/7029493'	0.5	0.77	3.33	0.304	0.55	1.33	1.22 No	0.304	Thermal Discharging
SOU086	606	'44043222_/7029480'	0.5	0.77	3.33	0.304	0.55	1.32	1.22 No	0.304	Thermal Discharging
SOU086	607	'7029457_/44043224'	0.5	0.77	3.33	0.304	0.55	1.32	1.22 No	0.304	Thermal Discharging
SOU086	608	'7029444_/7029454'	0.5	0.77	3.33	0.304	0.55	1.31	1.22 No	0.304	Thermal Discharging
SOU086	609	'44043189_/7029308'	0.47	0.77	3.33	0.304	0.5	1.32	1.22 No	0.304	Thermal Discharging
SOU086	610	'7029443_/7029441'	0.5	0.73	3.33	0.304	0.55	1.31	1.22 No	0.304	Thermal Discharging
SOU086	611	'7038902_/7038899'	0.47	0.77	3.33	0.304	0.1	1.31	1.22 No	0.1	Element Fault
SOU086	612	'7029734_/7029731'	0.47	0.73	3.33	0.304	0.55	1.28	1.22 No	0.304	Thermal Discharging
SOU086	613	'7029284_/7029295'	0.43	0.73	3.33	0.304	0.5	1.29	1.22 No	0.304	Thermal Discharging
SOU086	614	'7038915_/7038912'	0.43	0.73	3.33	0.304	0.1	1.28	1.22 No	0.1	Element Fault
SOU086	615	'7029285_/7029282'	0.43	0.73	3.33	0.304	0.5	1.27	1.22 No	0.304	Thermal Discharging
SOU086	616	'44046053_/7039317'	0.43	0.73	3.33	0.304	0.1	1.27	1.22 No	0.1	Element Fault
SOU086	617	'7039333_/7039330'	0.43	0.7	3.33	0.304	0.1	1.25	1.22 No	0.1	Element Fault
SOU086	618	'7039346_/7039343'	0.43	0.7	3.33	0.304	0.1	1.22	1.22 No	0.1	Element Fault
SOU086	619	'7039359_/7039356'	0.4	0.7	3.33	0.304	0.1	1.2	1.22 No	0.1	Element Fault
SOU087	0	'SOU087_/8094624'	10	10	10	0.696	10	10	5.83 No	0.696	Thermal Discharging
SOU087	1	'8094626_/8094624'	10	10	10	0.696	10	10	5.83 No	0.696	Thermal Discharging
SOU087	2	'9353753_/9667814'	10	10	10	0.696	10	10	5.83 No	0.696	Thermal Discharging
SOU087	3	'9353752_/9353750'	10	10	10	0.696	10	10	5.83 No	0.696	Thermal Discharging
SOU087	4	'8094269_/9667574'	10	10	10	0.696	10	10	5.83 No	0.696	Thermal Discharging
SOU087	5	'8094249_/8094266'	10	10	10	0.696	10	10	5.83 No	0.696	Thermal Discharging
SOU087	6	'7459520_/8094246'	10	10	10	0.696	10	10	5.83 No	0.696	Thermal Discharging
SOU087	7	'7459519_/7459517'	10	10	10	0.696	10	10	5.83 No	0.696	Thermal Discharging
SOU087	8	'7773193_/7773191'	10	10	10	0.696	10	10	5.83 No	0.696	Thermal Discharging
SOU087	9	'8402299_/9353670'	10	10	10	0.696	10	10	5.83 No	0.696	Thermal Discharging
SOU087	10	'8402298_/8402296'	10	10	10	0.696	10	10	5.83 No	0.696	Thermal Discharging
SOU087	11	'7469288_/9667454'	10	10	10	0.696	10	10	5.83 No	0.696	Thermal Discharging
SOU087	12	'7469287_/7469285'	10	10	10	0.696	10	10	5.83 No	0.696	Thermal Discharging
SOU087	13	'8095209_/8719728'	10	10	10	0.696	10	10	5.83 No	0.696	Thermal Discharging
SOU087	14	'7460317_/8095206'	10	10	10	0.696	10	10	5.83 No	0.696	Thermal Discharging
SOU087	15	'7460318_/7460315'	10	10	10	0.696	10	10	5.83 No	0.696	Thermal Discharging
SOU087	16	'8403095_/8403092'	10	10	10	0.696	10	10	5.83 No	0.696	Thermal Discharging
SOU087	17	'9039606_/9667930'	10	10	10	0.696	10	10	5.83 No	0.696	Thermal Discharging
SOU087	18	'9039605_/9039603'	10	10	10	0.696	10	10	5.83 No	0.696	Thermal Discharging
SOU087	19	'9354344_/9354342'	10	10	10	0.696	10	10	5.83 No	0.696	Thermal Discharging
SOU087	20	'9354545_/9668268'	10	10	10	0.696	10	10	5.83 No	0.696	Thermal Discharging
SOU087	21	'9039785_/9668188'	10	10	10	0.696	10	10	5.83 No	0.696	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
				Deviation						VSR (MW)	Limiting Threshold
SOU087	22	'37982310_/9354542'		10	10	10	0.696	10	10	5.83 No	0.696 Thermal Discharging
SOU087	23	'405015639_/37982314'		10	10	10	0.696	10	10	5.83 No	0.696 Thermal Discharging
SOU087	24	'37982282_/37982286'		10	10	10	0.696	10	10	5.83 No	0.696 Thermal Discharging
SOU087	25	'37982260_/37982321'		10	10	10	0.696	4.6	10	5.83 No	0.696 Thermal Discharging
SOU087	26	'37982253_/37982293'		10	10	10	0.696	4.6	10	5.83 No	0.696 Thermal Discharging
SOU087	27	'9039786_/9039783'		10	10	10	0.696	10	10	5.83 No	0.696 Thermal Discharging
SOU087	28	'9354265_/9354262'		10	10	10	0.696	10	10	5.83 No	0.696 Thermal Discharging
SOU087	29	'8719590_/9354462'		10	10	10	0.696	10	10	5.83 No	0.696 Thermal Discharging
SOU087	30	'8403172_/8719588'		10	10	10	0.696	10	10	5.83 No	0.696 Thermal Discharging
SOU087	31	'8403173_/8403170'		10	10	10	0.696	10	10	5.83 No	0.696 Thermal Discharging
SOU087	32	'9354485_/9354482'		10	10	10	0.696	10	10	5.83 No	0.696 Thermal Discharging
SOU087	33	'8739419_/9668048'		10	10	10	0.696	10	10	5.83 No	0.696 Thermal Discharging
SOU087	34	'7474155_/8739416'		10	10	10	0.696	10	10	5.83 No	0.696 Thermal Discharging
SOU087	35	'7474154_/7474152'		10	10	10	0.696	10	10	5.83 No	0.696 Thermal Discharging
SOU087	36	'8106909_/8107162'		10	10	10	0.696	10	10	5.83 No	0.696 Thermal Discharging
SOU087	37	'8106908_/8106906'		10	10	10	0.696	10	10	5.83 No	0.696 Thermal Discharging
SOU087	38	'7474095_/8733926'		10	10	10	0.696	10	10	5.83 No	0.696 Thermal Discharging
SOU087	39	'532506511_/532506472'		10	10	10	0.696	10	10	5.83 No	0.696 Thermal Discharging
SOU087	40	'532505998_/532506708'		10	10	10	0.696	10	10	5.83 No	0.696 Thermal Discharging
SOU087	41	'532505933_/532506084'		10	10	10	0.696	10	10	5.83 No	0.696 Thermal Discharging
SOU087	42	'532505658_/532505915'		10	10	10	0.696	10	10	5.83 No	0.696 Thermal Discharging
SOU087	43	'7473995_/9679168'		10	10	10	0.696	10	10	5.83 No	0.696 Thermal Discharging
SOU087	44	'7473994_/7473992'		10	10	10	0.696	10	10	5.83 No	0.696 Thermal Discharging
SOU087	45	'8106984_/429873743'		10	10	10	0.696	10	10	5.83 No	0.696 Thermal Discharging
SOU087	46	'8733989_/8733986'		10	10	10	0.696	10	10	5.83 No	0.696 Thermal Discharging
SOU087	47	'9050852_/9050849'		10	10	10	0.696	10	10	5.83 No	0.696 Thermal Discharging
SOU087	48	'8106788_/9678900'		10	10	10	0.696	10	10	5.83 No	0.696 Thermal Discharging
SOU087	49	'521885869_/8106786'		10	10	10	0.696	10	10	5.83 No	0.696 Thermal Discharging
SOU087	50	'404857689_/429874490'		10	10	10	0.696	10	10	5.83 No	0.696 Thermal Discharging
SOU087	51	'521885859_/429874482'		10	10	10	0.696	10	10	5.83 No	0.696 Thermal Discharging
SOU087	52	'521885843_/429874474'		10	10	10	0.696	4.9	10	5.83 No	0.696 Thermal Discharging
SOU087	53	'521885851_/429874466'		10	10	10	0.696	4.8	10	5.83 No	0.696 Thermal Discharging
SOU087	54	'521886106_/521886142'		10	10	10	0.696	4.9	10	5.83 No	0.696 Thermal Discharging
SOU087	55	'521886087_/521886103'		10	10	10	0.696	4.9	10	5.83 No	0.696 Thermal Discharging
SOU087	56	'521886100_/521886097'		10	10	10	0.696	4.9	10	5.83 No	0.696 Thermal Discharging
SOU087	57	'521886088_/521886085'		10	10	10	0.696	4.9	10	5.83 No	0.696 Thermal Discharging
SOU087	58	'521886094_/521886091'		10	10	10	0.696	4.9	10	5.83 No	0.696 Thermal Discharging
SOU087	59	'8106768_/8417010'		9.5	10	10	0.696	10	10	5.83 No	0.696 Thermal Discharging
SOU087	60	'521886324_/521886175'		8.8	10	10	0.696	4.9	10	5.83 No	0.696 Thermal Discharging
SOU087	61	'521886295_/521886329'		5.87	6.67	6.67	0.464	3.27	6.67	3.89 No	0.464 Thermal Discharging
SOU087	62	'9678922_/9678960'		8	10	10	0.696	10	10	5.83 No	0.696 Thermal Discharging
SOU087	63	'9678923_/9678920'		7.8	10	10	0.696	10	10	5.83 No	0.696 Thermal Discharging
SOU087	64	'8416993_/9678940_1'		7.5	10	10	0.696	10	10	5.83 No	0.696 Thermal Discharging
SOU087	65	'7035976_/9678940_2'		7.5	10	10	0.696	10	10	5.83 No	0.696 Thermal Discharging
SOU087	66	'55414511_/8106726'		7.2	10	10	0.696	4.8	10	5.83 No	0.696 Thermal Discharging
SOU087	67	'7035959_/7035973'		7.3	10	10	0.696	10	10	5.83 No	0.696 Thermal Discharging
SOU087	68	'44045793_/7035990'		7.3	10	10	0.696	10	10	5.83 No	0.696 Thermal Discharging
SOU087	69	'7035942_/7035956'		7.2	10	10	0.696	10	10	5.83 No	0.696 Thermal Discharging
SOU087	70	'6792220_/44045795'		7.2	10	10	0.696	10	10	5.83 No	0.696 Thermal Discharging
SOU087	71	'44045769_/44045771'		7.1	10	10	0.696	10	10	5.83 No	0.696 Thermal Discharging
SOU087	72	'55414551_/8733686_2'		2.43	3.33	3.33	0.232	1.6	3.33	1.94 No	0.232 Thermal Discharging
SOU087	73	'7026899_/8733686_1'		2.43	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232 Thermal Discharging
SOU087	74	'6792221_/6792218'		7.1	10	10	0.696	10	10	5.83 No	0.696 Thermal Discharging
SOU087	75	'7035908_/7035922'		7	10	10	0.696	10	10	5.83 No	0.696 Thermal Discharging
SOU087	76	'43989456_/6792235'		7	10	10	0.696	10	10	5.83 No	0.696 Thermal Discharging
SOU087	77	'7035891_/7035905'		6.9	10	10	0.696	10	10	5.83 No	0.696 Thermal Discharging
SOU087	78	'6792258_/43989458'		6.9	10	10	0.696	10	10	5.83 No	0.696 Thermal Discharging
SOU087	79	'44045756_/7035888'		6.8	10	10	0.696	10	10	5.83 No	0.696 Thermal Discharging
SOU087	80	'7026898_/7026896'		2.47	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232 Thermal Discharging
SOU087	81	'6792275_/6792272'		6.8	10	10	0.696	10	10	5.83 No	0.696 Thermal Discharging
SOU087	82	'7035823_/7035871'		6.7	10	10	0.696	10	10	5.83 No	0.696 Thermal Discharging
SOU087	83	'7035806_/7035820'		6.7	10	10	0.696	10	10	5.83 No	0.696 Thermal Discharging
SOU087	84	'43989469_/6792289'		6.7	10	10	0.696	10	10	5.83 No	0.696 Thermal Discharging
SOU087	85	'44045839_/7026922'		2.47	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232 Thermal Discharging
SOU087	86	'44045579_/44045581'		6.6	10	10	0.696	10	10	5.83 No	0.696 Thermal Discharging
SOU087	87	'6792309_/6792306'		6.6	10	10	0.696	10	10	5.83 No	0.696 Thermal Discharging
SOU087	88	'521885665_/521886300'		5.7	10	10	0.696	4.9	10	5.83 No	0.696 Thermal Discharging
SOU087	89	'521885646_/521885662'		5.7	10	10	0.696	4.9	10	5.83 No	0.696 Thermal Discharging
SOU087	90	'521885659_/521885656'		5.7	10	10	0.696	4.9	10	5.83 No	0.696 Thermal Discharging
SOU087	91	'521885653_/521885650'		5.7	10	10	0.696	4.9	10	5.83 No	0.696 Thermal Discharging
SOU087	92	'521885647_/521885644'		5.7	10	10	0.696	4.9	10	5.83 No	0.696 Thermal Discharging
SOU087	93	'7035772_/7035786'		6.5	10	10	0.696	10	10	5.83 No	0.696 Thermal Discharging
SOU087	94	'6799874_/6799871'		6.5	10	10	0.696	10	10	5.83 No	0.696 Thermal Discharging
SOU087	95	'575109377_/521886358_1'		2.2	3.33	3.33	0.232	1.63	3.33	1.94 No	0.232 Thermal Discharging
SOU087	96	'7035755_/7035769'		6.4	10	10	0.696	10	10	5.83 No	0.696 Thermal Discharging
SOU087	97	'6800002_/6799999_1'		6.4	10	10	0.696	10	10	5.83 No	0.696 Thermal Discharging
SOU087	98	'43992661_/6799999_2'		6.4	10	10	0.696	10	10	5.83 No	0.696 Thermal Discharging
SOU087	99	'7035737_/7035752'		6.3	10	10	0.696	10	10	5.83 No	0.696 Thermal Discharging
SOU087	100	'6799890_/43992663'		6.4	10	10	0.696	10	10	5.83 No	0.696 Thermal Discharging
SOU087	101	'44045566_/7035735'		6.3	10	10	0.696	10	10	5.83 No	0.696 Thermal Discharging
SOU087	102	'44045811_/521886358_2'		2.1	3.33	3.33	0.232	1.63	3.33	1.94 No	0.232 Thermal Discharging
SOU087	103	'7035738_/44045568'		6.2	10	10	0.696	10	10	5.83 No	0.696 Thermal Discharging
SOU087	104	'575109360_/44045830_1'		2.1	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232 Thermal Discharging
SOU087	105	'6799907_/6799888'		6.3	10	10	0.696	10	10	5.83 No	0.696 Thermal Discharging
SOU087	106	'575109393_/44045830_2'		2.1	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232 Thermal Discharging
SOU087	107	'44045838_/7026909'		2.43	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232 Thermal Discharging
SOU087	108	'76333409_/8724094_1'		6.3	10	10	0.696	10	10	5.83 No	0.696 Thermal Discharging
SOU087	109	'7026179_/7036007'		6.2	10	10	0.696	10	10	5.83 No	0.696 Thermal Discharging
SOU087	110	'6799908_/6799905_2'		6.2	10	10	0.696	10	10	5.83 No	0.696 Thermal Discharging
SOU087	111	'43992648_/6799905_1'		6.2	10	10	0.696	10	10	5.83 No	0.696 Thermal Discharging
SOU087	112	'521886679_/521886367_2'		2.03	3.33	3.33	0.232	1.63	3.33	1.94 No	0.232 Thermal Discharging
SOU087	113	'7026938_/7036081'		2.23	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232 Thermal Discharging
SOU087	114	'6792325_/43992650'		6.2	10	10	0.696	10	10	5.83 No	0.696 Thermal Discharging
SOU087	115	'44045828_/44045830_3'		2.03	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SOU087	116	'37983479_/_/8724094_2'		6	10	10	0.696	10	10	5.83 No	0.696 Thermal Discharging
SOU087	117	'404985931_/_/37983476'		6	10	10	0.696	10	10	5.83 No	0.696 Thermal Discharging
SOU087	118	'37983458_/_/37983462'		6	10	10	0.696	10	10	5.83 No	0.696 Thermal Discharging
SOU087	119	'37983507_/_/37983504'		6	10	10	0.696	4.9	10	5.83 No	0.696 Thermal Discharging
SOU087	120	'37983493_/_/37983490'		6	10	10	0.696	4.7	10	5.83 No	0.696 Thermal Discharging
SOU087	121	'6792326_/_/6792323'		6.1	10	10	0.696	10	10	5.83 No	0.696 Thermal Discharging
SOU087	122	'43989605_/_/6792340'		6	10	10	0.696	10	10	5.83 No	0.696 Thermal Discharging
SOU087	123	'6792360_/_/6792357'		5.9	10	10	0.696	10	10	5.83 No	0.696 Thermal Discharging
SOU087	124	'585072554_/_/585072574'		2.17	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232 Thermal Discharging
SOU087	125	'9041210_/_/9041207'		3.47	6.67	6.67	0.464	3.13	6.67	3.89 No	0.464 Thermal Discharging
SOU087	126	'585080313_/_/7040098_2'		3.13	6.67	6.67	0.464	3.1	6.67	3.89 No	0.464 Thermal Discharging
SOU087	127	'6792377_/_/6792374'		5.9	10	10	0.696	10	10	5.83 No	0.696 Thermal Discharging
SOU087	128	'585081842_/_/521885728_1'		4.8	10	10	0.696	1.7	10	5.83 No	0.696 Thermal Discharging
SOU087	129	'7026847_/_/44045819'		1.9	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232 Thermal Discharging
SOU087	130	'521886508_/_/521886263'		4.7	10	10	0.696	4.9	10	5.83 No	0.696 Thermal Discharging
SOU087	131	'585081812_/_/521885728_2'		4.8	10	10	0.696	1.7	10	5.83 No	0.696 Thermal Discharging
SOU087	132	'43989592_/_/6792391'		5.8	10	10	0.696	10	10	5.83 No	0.696 Thermal Discharging
SOU087	133	'7026805_/_/7026818'		1.87	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232 Thermal Discharging
SOU087	134	'7040101_/_/521885701'		4.7	10	10	0.696	4.9	10	5.83 No	0.696 Thermal Discharging
SOU087	135	'6792411_/_/6792408'		5.7	10	10	0.696	10	10	5.83 No	0.696 Thermal Discharging
SOU087	136	'7489899_/_/7489896'		5.2	10	10	0.696	4.7	10	5.83 No	0.696 Thermal Discharging
SOU087	137	'70257337_/_/70257255'		2.87	6.67	6.67	0.464	3.2	6.67	3.89 No	0.464 Thermal Discharging
SOU087	138	'7026792_/_/7026802'		1.8	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232 Thermal Discharging
SOU087	139	'44045176_/_/7026176'		2.1	3.33	3.33	0.232	1.1	3.33	1.94 No	0.232 Thermal Discharging
SOU087	140	'43989740_/_/6792428'		5.7	10	10	0.696	10	10	5.83 No	0.696 Thermal Discharging
SOU087	141	'43989753_/_/43989742'		5.6	10	10	0.696	10	10	5.83 No	0.696 Thermal Discharging
SOU087	142	'44045718_/_/7040098_1'		2.93	6.67	6.67	0.464	1	6.67	3.89 No	0.464 Thermal Discharging
SOU087	143	'44045682_/_/44045684'		4.5	10	10	0.696	1.7	10	5.83 No	0.696 Thermal Discharging
SOU087	144	'91874551_/_/43989755_1'		5.6	10	10	0.696	10	10	5.83 No	0.696 Thermal Discharging
SOU087	145	'584771605_/_/521886464'		3.5	10	10	0.696	4.2	10	5.83 No	0.696 Thermal Discharging
SOU087	146	'6792468_/_/43989755_2'		5.5	10	10	0.696	10	10	5.83 No	0.696 Thermal Discharging
SOU087	147	'585081883_/_/6792584'		5.5	10	10	0.696	10	10	5.83 No	0.696 Thermal Discharging
SOU087	148	'7775177_/_/7775175'		3.07	6.67	6.67	0.464	3.27	6.67	3.89 No	0.464 Thermal Discharging
SOU087	149	'44045861_/_/44045863'		1.87	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232 Thermal Discharging
SOU087	150	'6792485_/_/6792482'		5.5	10	10	0.696	10	10	5.83 No	0.696 Thermal Discharging
SOU087	151	'7026860_/_/7026857'		1.73	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232 Thermal Discharging
SOU087	152	'55414472_/_/8733718'		4.3	10	10	0.696	4.8	10	5.83 No	0.696 Thermal Discharging
SOU087	153	'43989766_/_/6792499'		5.4	10	10	0.696	10	10	5.83 No	0.696 Thermal Discharging
SOU087	154	'6792587_/_/585072560'		5.4	10	10	0.696	10	10	5.83 No	0.696 Thermal Discharging
SOU087	155	'7026779_/_/7026789'		1.7	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232 Thermal Discharging
SOU087	156	'621732645_/_/585072552_1'		1.3	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232 Thermal Discharging
SOU087	157	'6792519_/_/43989768'		5.4	10	10	0.696	10	10	5.83 No	0.696 Thermal Discharging
SOU087	158	'6785228_/_/6792828'		5.4	10	10	0.696	10	10	5.83 No	0.696 Thermal Discharging
SOU087	159	'8724077_/_/9355256'		4.7	10	10	0.696	4.7	10	5.83 No	0.696 Thermal Discharging
SOU087	160	'6792535_/_/6792533'		5.3	10	10	0.696	10	10	5.83 No	0.696 Thermal Discharging
SOU087	161	'6785241_/_/6785251_1'		1.8	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232 Thermal Discharging
SOU087	162	'7775178_/_/9041187'		4.6	10	10	0.696	4.9	10	5.83 No	0.696 Thermal Discharging
SOU087	163	'621732879_/_/6785251_2'		1.8	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232 Thermal Discharging
SOU087	164	'6792848_/_/6792845'		5.3	10	10	0.696	10	10	5.83 No	0.696 Thermal Discharging
SOU087	165	'69952834_/_/69952491'		4.5	10	10	0.696	4.7	10	5.83 No	0.696 Thermal Discharging
SOU087	166	'43989779_/_/6792550'		5.2	10	10	0.696	10	10	5.83 No	0.696 Thermal Discharging
SOU087	167	'7026484_/_/7026482'		2.67	6.67	6.67	0.464	1	6.67	3.89 No	0.464 Thermal Discharging
SOU087	168	'6794828_/_/6794996'		5.2	10	10	0.696	10	10	5.83 No	0.696 Thermal Discharging
SOU087	169	'660592065_/_/7040083'		2.67	6.67	6.67	0.464	1	6.67	3.89 No	0.464 Thermal Discharging
SOU087	170	'7026468_/_/7036044'		4	10	10	0.696	1.7	10	5.83 No	0.696 Thermal Discharging
SOU087	171	'6792570_/_/6792567'		5.1	10	10	0.696	10	10	5.83 No	0.696 Thermal Discharging
SOU087	172	'7026873_/_/7026883'		1.6	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232 Thermal Discharging
SOU087	173	'585080553_/_/6794865_3'		1.73	3.33	3.33	0.232	1.4	3.33	1.94 No	0.232 Thermal Discharging
SOU087	174	'6795016_/_/6795013'		5.1	10	10	0.696	10	10	5.83 No	0.696 Thermal Discharging
SOU087	175	'44046434_/_/7040221'		1.57	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232 Thermal Discharging
SOU087	176	'44045806_/_/7026776'		1.6	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232 Thermal Discharging
SOU087	177	'6792655_/_/6792669'		5.1	10	10	0.696	10	10	5.83 No	0.696 Thermal Discharging
SOU087	178	'6794842_/_/6794865_2'		1.73	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232 Thermal Discharging
SOU087	179	'6795033_/_/6795030'		5.1	10	10	0.696	10	10	5.83 No	0.696 Thermal Discharging
SOU087	180	'7032105_/_/7035457'		1.77	3.33	3.33	0.232	1.1	3.33	1.94 No	0.232 Thermal Discharging
SOU087	181	'6794970_/_/6795047'		5	10	10	0.696	10	10	5.83 No	0.696 Thermal Discharging
SOU087	182	'6783969_/_/7114621'		1.63	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232 Thermal Discharging
SOU087	183	'585081603_/_/43991535_1'		3.33	6.67	6.67	0.464	1	6.67	3.89 No	0.464 Thermal Discharging
SOU087	184	'86194831_/_/86194828'		1.8	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232 Thermal Discharging
SOU087	185	'6795067_/_/6795064'		5	10	10	0.696	10	10	5.83 No	0.696 Thermal Discharging
SOU087	186	'621734533_/_/6799505'		5	10	10	0.696	10	10	5.83 No	0.696 Thermal Discharging
SOU087	187	'621734551_/_/621734431_1'		5	10	10	0.696	10	10	5.83 No	0.696 Thermal Discharging
SOU087	188	'621734541_/_/621734431_2'		5	10	10	0.696	10	10	5.83 No	0.696 Thermal Discharging
SOU087	189	'70257996_/_/43991535_2'		3.27	6.67	6.67	0.464	1	6.67	3.89 No	0.464 Thermal Discharging
SOU087	190	'6785309_/_/6794865_1'		1.73	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232 Thermal Discharging
SOU087	191	'43991522_/_/43991524'		1.73	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232 Thermal Discharging
SOU087	192	'7026765_/_/7026763'		1.5	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232 Thermal Discharging
SOU087	193	'7026467_/_/7026465'		3.7	10	10	0.696	1.7	10	5.83 No	0.696 Thermal Discharging
SOU087	194	'70257949_/_/43991535_3'		3.13	6.67	6.67	0.464	1	6.67	3.89 No	0.464 Thermal Discharging
SOU087	195	'71257875_/_/7473708'		3.6	10	10	0.696	4.8	10	5.83 No	0.696 Thermal Discharging
SOU087	196	'56904620_/_/9669334'		3.9	10	10	0.696	4.9	10	5.83 No	0.696 Thermal Discharging
SOU087	197	'44045695_/_/7040065'		2.4	6.67	6.67	0.464	1	6.67	3.89 No	0.464 Thermal Discharging
SOU087	198	'6785254_/_/6785251_3'		1.73	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232 Thermal Discharging
SOU087	199	'7032092_/_/7032102'		1.6	3.33	3.33	0.232	1.1	3.33	1.94 No	0.232 Thermal Discharging
SOU087	200	'7040237_/_/44046436'		1.43	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232 Thermal Discharging
SOU087	201	'37999942_/_/37999946'		1.93	6.67	6.67	0.464	3.2	6.67	3.89 No	0.464 Thermal Discharging
SOU087	202	'43989939_/_/6785306'		1.77	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232 Thermal Discharging
SOU087	203	'44045850_/_/7026870'		1.4	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232 Thermal Discharging
SOU087	204	'6794803_/_/6794813'		1.77	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232 Thermal Discharging
SOU087	205	'7036029_/_/7036027'		3.5	10	10	0.696	1.7	10	5.83 No	0.696 Thermal Discharging
SOU087	206	'6783970_/_/6783967'		1.47	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232 Thermal Discharging
SOU087	207	'585081642_/_/9678862_1'		1.93	6.67	6.67	0.464	1	6.67	3.89 No	0.464 Thermal Discharging
SOU087	208	'6794896_/_/6794908'		1.4	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232 Thermal Discharging
SOU087	209	'585073125_/_/9678862_2'		1.93	6.67	6.67	0.464	1	6.67	3.89 No	0.464 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SOU087	210	'69953083_/69952559'	3.3	10	10	0.696	4.7	10	5.83 No	0.696	Thermal Discharging
SOU087	211	'7032078_/7032089'	1.47	3.33	3.33	0.232	1.1	3.33	1.94 No	0.232	Thermal Discharging
SOU087	212	'6785380_/6794967'	1.37	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	213	'104254164_/8724038_1'	1.47	3.33	3.33	0.232	1.57	3.33	1.94 No	0.232	Thermal Discharging
SOU087	214	'6794790_/6794800'	1.8	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	215	'69953283_/69953077'	2.2	6.67	6.67	0.464	3.13	6.67	3.89 No	0.464	Thermal Discharging
SOU087	216	'575109301_/521886537_1'	1.27	3.33	3.33	0.232	1.4	3.33	1.94 No	0.232	Thermal Discharging
SOU087	217	'7461734_/8724038_2'	1.47	3.33	3.33	0.232	1.57	3.33	1.94 No	0.232	Thermal Discharging
SOU087	218	'6785322_/43989941'	1.8	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	219	'104254283_/9669582_1'	1.47	3.33	3.33	0.232	1.57	3.33	1.94 No	0.232	Thermal Discharging
SOU087	220	'104254182_/6799845_1'	1.47	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	221	'37999914_/37999918'	2.9	10	10	0.696	4.8	10	5.83 No	0.696	Thermal Discharging
SOU087	222	'404857340_/404857337'	2.9	10	10	0.696	4.8	10	5.83 No	0.696	Thermal Discharging
SOU087	223	'37999928_/8416934'	2.9	10	10	0.696	4.8	10	5.83 No	0.696	Thermal Discharging
SOU087	224	'404857279_/37999925'	2.9	10	10	0.696	4.8	10	5.83 No	0.696	Thermal Discharging
SOU087	225	'44045625_/7026570'	1.93	6.67	6.67	0.464	1	6.67	3.89 No	0.464	Thermal Discharging
SOU087	226	'43989895_/6785264'	1.5	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	227	'7040275_/7040273'	1.3	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	228	'621732619_/7040247'	1.3	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	229	'7040263_/7040260'	1.3	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	230	'7040440_/521886537_2'	1.23	3.33	3.33	0.232	1.4	3.33	1.94 No	0.232	Thermal Discharging
SOU087	231	'43989928_/43989930'	1.77	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	232	'575109319_/7040438_1'	1.23	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	233	'575109337_/7040438_2'	1.23	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	234	'104254262_/69952597_2'	1.17	3.33	3.33	0.232	1.57	3.33	1.94 No	0.232	Thermal Discharging
SOU087	235	'7026192_/44045671'	3.2	10	10	0.696	1.7	10	5.83 No	0.696	Thermal Discharging
SOU087	236	'8106621_/9679328_1'	3.2	10	10	0.696	1.1	10	5.83 No	0.696	Thermal Discharging
SOU087	237	'6794777_/6794787'	1.7	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	238	'6794881_/6794893'	1.23	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	239	'71257946_/8096350'	3.3	10	10	0.696	4.9	10	5.83 No	0.696	Thermal Discharging
SOU087	240	'43989950_/6785377'	1.23	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	241	'69952858_/69952597_1'	1.13	3.33	3.33	0.232	1.57	3.33	1.94 No	0.232	Thermal Discharging
SOU087	242	'104254276_/69952760_1'	1.13	3.33	3.33	0.232	1.57	3.33	1.94 No	0.232	Thermal Discharging
SOU087	243	'521886642_/521886489_1'	1.2	3.33	3.33	0.232	1.4	3.33	1.94 No	0.232	Thermal Discharging
SOU087	244	'44045165_/7032076'	1.33	3.33	3.33	0.232	1.1	3.33	1.94 No	0.232	Thermal Discharging
SOU087	245	'43991599_/6795411'	1.3	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	246	'70257285_/70257282'	1.17	3.33	3.33	0.232	1.6	3.33	1.94 No	0.232	Thermal Discharging
SOU087	247	'69952846_/69952760_2'	1.1	3.33	3.33	0.232	1.57	3.33	1.94 No	0.232	Thermal Discharging
SOU087	248	'6795414_/6795424_1'	1.27	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	249	'6785348_/6785345'	1.63	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	250	'621732731_/7785151_1'	1.17	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	251	'621732696_/7785151_2'	1.17	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	252	'9051267_/9679328_2'	3	10	10	0.696	1.1	10	5.83 No	0.696	Thermal Discharging
SOU087	253	'7026701_/7026698'	1.17	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	254	'7026688_/585072582'	1.13	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	255	'7026191_/7026189'	3	10	10	0.696	1.7	10	5.83 No	0.696	Thermal Discharging
SOU087	256	'521886460_/521886489_2'	0.93	3.33	3.33	0.232	1.4	3.33	1.94 No	0.232	Thermal Discharging
SOU087	257	'104254211_/69952788_2'	1.1	3.33	3.33	0.232	1.57	3.33	1.94 No	0.232	Thermal Discharging
SOU087	258	'9051268_/9051265'	3	10	10	0.696	1.1	10	5.83 No	0.696	Thermal Discharging
SOU087	259	'6785280_/6785277'	1.37	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	260	'6794776_/6794774'	1.6	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	261	'6799676_/69952788_1'	1.07	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	262	'7040441_/7040438_3'	1.13	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	263	'6799835_/6799845_2'	1.3	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	264	'44045164_/7032063'	1.27	3.33	3.33	0.232	1.1	3.33	1.94 No	0.232	Thermal Discharging
SOU087	265	'6799675_/43992583'	1.07	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	266	'8723708_/8723706'	1.27	3.33	3.33	0.232	1.63	3.33	1.94 No	0.232	Thermal Discharging
SOU087	267	'71257941_/7461529'	2.07	6.67	6.67	0.464	3.27	6.67	3.89 No	0.464	Thermal Discharging
SOU087	268	'44046482_/7040451'	1.17	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	269	'8096337_/9041071_2'	1.27	3.33	3.33	0.232	1.63	3.33	1.94 No	0.232	Thermal Discharging
SOU087	270	'6785363_/43989919'	1.53	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	271	'6785611_/9041071_1'	1.27	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	272	'6794880_/6794878'	1.13	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	273	'37983269_/9344436'	3	10	10	0.696	4.9	10	5.83 No	0.696	Thermal Discharging
SOU087	274	'404986051_/37983273'	3	10	10	0.696	4.9	10	5.83 No	0.696	Thermal Discharging
SOU087	275	'404986099_/404986096'	3	10	10	0.696	4.9	10	5.83 No	0.696	Thermal Discharging
SOU087	276	'37983283_/37983280'	3	10	10	0.696	4.9	10	5.83 No	0.696	Thermal Discharging
SOU087	277	'37983297_/37983301'	3	10	10	0.696	4.9	10	5.83 No	0.696	Thermal Discharging
SOU087	278	'6785393_/43989952'	1.1	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	279	'6799792_/6799832_2'	1.23	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	280	'7026675_/7026685'	1.1	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	281	'7026714_/7026711'	1.1	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	282	'6785292_/43989908'	1.3	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	283	'43992615_/6799832_1'	1.2	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	284	'6784420_/6795424_2'	1.17	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	285	'7040792_/7040790'	1.07	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	286	'6799692_/6799689'	1	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	287	'6785624_/6785621'	1.2	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	288	'43989445_/6785608'	1.2	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	289	'44046493_/7040464'	1.07	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	290	'6800064_/7114647'	1.1	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	291	'44045782_/44045784'	1.03	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	292	'43989559_/6785637'	1.13	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	293	'6785406_/6794936'	1	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	294	'7026662_/7026672'	1.03	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	295	'6785582_/43989447'	1.13	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	296	'43992626_/43992628'	0.93	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	297	'56904619_/56904617'	1.1	3.33	3.33	0.232	1.63	3.33	1.94 No	0.232	Thermal Discharging
SOU087	298	'6784517_/43992617'	1.1	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	299	'56904456_/71257825'	0.93	3.33	3.33	0.232	1.63	3.33	1.94 No	0.232	Thermal Discharging
SOU087	300	'6795084_/6795081'	1	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	301	'104254339_/69953536_1'	1.13	3.33	3.33	0.232	1.57	3.33	1.94 No	0.232	Thermal Discharging
SOU087	302	'71257898_/9365012'	1	3.33	3.33	0.232	1.6	3.33	1.94 No	0.232	Thermal Discharging
SOU087	303	'6784421_/6784418'	1.1	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
											VSR (MW)	Limiting Threshold
SOU087	304	'44044715_/7040720'		0.83	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	305	'7775195_/7775193_2'		1.1	3.33	3.33	0.232	1.63	3.33	1.94 No	0.232	Thermal Discharging
SOU087	306	'6799805_/6799819_1'		0.9	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	307	'70754543_/8416954_1'		0.97	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	308	'6784476_/6784473'		1.07	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	309	'70754528_/8416954_2'		0.97	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	310	'71257792_/44045649_1'		0.97	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	311	'6784165_/7775193_1'		1.1	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	312	'6783940_/7114591'		1	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	313	'69953345_/69953536_2'		1.13	3.33	3.33	0.232	1.57	3.33	1.94 No	0.232	Thermal Discharging
SOU087	314	'71257864_/70754547'		0.8	3.33	3.33	0.232	1.6	3.33	1.94 No	0.232	Thermal Discharging
SOU087	315	'621732441_/43989642'		0.97	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	316	'104254352_/69953300_2'		1.13	3.33	3.33	0.232	1.57	3.33	1.94 No	0.232	Thermal Discharging
SOU087	317	'6785653_/6785650'		1.07	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	318	'6800130_/44046495'		0.97	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	319	'43989434_/43989436'		1.07	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	320	'6800065_/6800062'		1	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	321	'7032386_/7039948'		0.8	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	322	'44045592_/44045594'		0.97	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	323	'405014219_/37983224'		2.6	10	10	0.696	4.9	10	5.83 No	0.696	Thermal Discharging
SOU087	324	'37983255_/37983252'		2.6	10	10	0.696	4.9	10	5.83 No	0.696	Thermal Discharging
SOU087	325	'37983241_/37983245'		2.6	10	10	0.696	4.9	10	5.83 No	0.696	Thermal Discharging
SOU087	326	'37983227_/8404496'		2.6	10	10	0.696	4.9	10	5.83 No	0.696	Thermal Discharging
SOU087	327	'6784152_/6784162'		1.03	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	328	'104254314_/69953339_1'		1.13	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	329	'6784434_/6784431'		1.03	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	330	'44045647_/44045649_2'		0.93	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	331	'6799704_/69953339_2'		1.13	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	332	'6783941_/6783938'		0.93	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	333	'6784518_/6784515'		1.03	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	334	'6784585_/6799819_2'		0.87	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	335	'44045275_/7032384'		0.8	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	336	'7026542_/7026552'		0.77	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	337	'43989423_/43989425'		1	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	338	'43989548_/6785496'		1	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	339	'7026740_/7035486'		0.9	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	340	'6800081_/6800078'		0.97	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	341	'8404539_/8404536'		2.5	10	10	0.696	4.9	10	5.83 No	0.696	Thermal Discharging
SOU087	342	'6784151_/6804350_1'		1	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	343	'71257956_/8096390'		0.83	3.33	3.33	0.232	1.63	3.33	1.94 No	0.232	Thermal Discharging
SOU087	344	'420664858_/6784240_1'		1	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	345	'43989570_/6785663'		1	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	346	'71258004_/8723722_1'		0.83	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	347	'71257993_/8723722_2'		0.83	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	348	'6800035_/6800128'		0.9	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	349	'44045614_/44045616'		0.77	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	350	'7043825_/7043836'		0.77	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	351	'585072820_/6783951'		0.9	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	352	'43992592_/43992594'		1.07	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	353	'6799705_/6799702'		1.07	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	354	'7026727_/44045627'		0.73	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	355	'585081773_/6784583'		0.8	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	356	'6784074_/6784084'		0.8	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	357	'7026513_/7026523'		0.73	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	358	'120224504_/6799660'		0.97	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	359	'6804337_/6804350_2'		0.97	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	360	'6799976_/6799973_2'		1.03	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	361	'7026439_/7026452'		0.9	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	362	'6784446_/6784489'		0.97	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	363	'7026620_/7026630'		0.87	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	364	'585081762_/9041015_2'		0.8	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	365	'43989482_/6785483'		0.8	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	366	'124454154_/7043823'		0.77	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	367	'7026500_/7026510'		0.73	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	368	'6784061_/6784071'		0.8	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	369	'6784243_/6784240_2'		0.97	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	370	'558348590_/558348562'		0.87	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	371	'76333430_/7026737'		0.87	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	372	'43989629_/6784528'		0.93	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	373	'43989322_/7114565'		0.73	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	374	'6784139_/6804334'		0.97	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	375	'9041018_/9041015_1'		0.77	3.33	3.33	0.232	0.3	3.33	1.94 No	0.232	Thermal Discharging
SOU087	376	'7026426_/7026436'		0.87	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	377	'44045603_/7026497'		0.73	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	378	'8723897_/8723894'		2.3	10	10	0.696	4.9	10	5.83 No	0.696	Thermal Discharging
SOU087	379	'558348572_/558348594'		0.87	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	380	'6784178_/6784175'		0.8	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	381	'6784340_/6784337'		0.93	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	382	'7026607_/7026617'		0.83	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	383	'6783886_/6783883'		0.7	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	384	'6784447_/6784444'		0.93	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	385	'7032645_/7032655'		0.73	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	386	'43989401_/43989403'		0.77	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	387	'6784256_/6784253'		0.93	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	388	'43992637_/6799715'		1	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	389	'43989412_/43989414'		0.93	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	390	'43989618_/6800033'		0.83	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	391	'44045511_/7032642'		0.73	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	392	'43991577_/6795356'		0.9	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	393	'6784191_/6784188'		0.77	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	394	'6783899_/6783896'		0.7	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	395	'6784505_/6799973_1'		0.97	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	396	'6784035_/6784045'		0.77	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SOU087	398	'6783911_/_44045660'	0.8	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	399	'7032619_/_7032629'	0.7	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	400	'6784544_/_43989631'	0.87	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	401	'43989537_/_43989539'	0.9	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	402	'483425613_/_558348576'	0.83	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	403	'43989493_/_6784201'	0.73	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	404	'6784353_/_6784350'	0.87	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	405	'6784113_/_6784123'	0.87	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	406	'621732987_/_6784019_2'	0.73	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	407	'6784022_/_6784032'	0.73	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	408	'6784009_/_6784019_1'	0.73	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	409	'7032606_/_7032616'	0.7	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	410	'44045636_/_44045638'	0.8	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	411	'44045555_/_44045557'	0.8	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	412	'6784366_/_6784363'	0.87	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	413	'44899819_/_6800046'	0.8	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	414	'7775527_/_9669890'	2.1	10	10	0.696	4.9	10	5.83 No	0.696	Thermal Discharging
SOU087	415	'585081613_/_6783909'	0.77	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	416	'44045500_/_7032603'	0.7	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	417	'6783983_/_6795343'	0.83	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	418	'6784504_/_6784502'	0.9	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	419	'6784217_/_43989495'	0.73	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	420	'8404558_/_9344456'	0.7	3.33	3.33	0.232	0.3	3.33	1.94 No	0.232	Thermal Discharging
SOU087	421	'6784285_/_6784282'	0.83	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	422	'6784100_/_6784110'	0.83	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	423	'6784601_/_43992639'	0.9	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	424	'7042815_/_7042851'	0.7	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	425	'43989504_/_6803546'	0.7	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	426	'44047084_/_44047086'	0.7	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	427	'6784557_/_6784554'	0.8	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	428	'7042789_/_7042799'	0.7	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	429	'7026593_/_7026591'	0.73	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	430	'7032722_/_7032720'	0.77	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	431	'43989581_/_6784376'	0.8	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	432	'7042788_/_7042786'	0.7	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	433	'43989368_/_6783922'	0.73	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	434	'6784298_/_6784295'	0.83	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	435	'6783982_/_6783980'	0.8	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	436	'44047109_/_44047111'	0.67	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	437	'37983213_/_37983217'	0.87	3.33	3.33	0.232	1.63	3.33	1.94 No	0.232	Thermal Discharging
SOU087	438	'43989515_/_43989506'	0.67	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	439	'8404559_/_8404556'	0.63	3.33	3.33	0.232	0.3	3.33	1.94 No	0.232	Thermal Discharging
SOU087	440	'6784602_/_6784599'	0.83	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	441	'43989526_/_6784308'	0.8	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	442	'7775528_/_7775525'	1.9	10	10	0.696	4.9	10	5.83 No	0.696	Thermal Discharging
SOU087	443	'43989862_/_6784567'	0.77	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	444	'7789508_/_8096626'	1.9	10	10	0.696	4.9	10	5.83 No	0.696	Thermal Discharging
SOU087	445	'44047205_/_7043797'	0.73	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	446	'7114636_/_7114634'	0.77	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	447	'6784395_/_6784392'	0.77	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	448	'6784324_/_43989528'	0.77	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	449	'7032697_/_7032707'	0.7	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	450	'6784230_/_43989517'	0.67	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	451	'7775130_/_7461513'	0.83	3.33	3.33	0.232	1.63	3.33	1.94 No	0.232	Thermal Discharging
SOU087	452	'7461500_/_7775127_2'	0.83	3.33	3.33	0.232	1.63	3.33	1.94 No	0.232	Thermal Discharging
SOU087	453	'6782566_/_7775127_1'	0.83	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	454	'6784774_/_6784771'	0.77	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	455	'6784614_/_6784612'	0.8	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	456	'7043787_/_7043810_1'	0.7	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	457	'44045533_/_44045535'	0.67	3.27	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	458	'6785202_/_6785199'	0.73	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	459	'6784631_/_6784628'	0.63	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	460	'473770596_/_473770622'	0.8	3.33	3.33	0.232	1.63	3.33	1.94 No	0.232	Thermal Discharging
SOU087	461	'6782553_/_6782563'	0.8	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	462	'6782579_/_6782576'	0.8	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	463	'8404434_/_8404432'	0.8	3.33	3.33	0.232	1.63	3.33	1.94 No	0.232	Thermal Discharging
SOU087	464	'115848073_/_115848047_2'	0.8	3.33	3.33	0.232	1.63	3.33	1.94 No	0.232	Thermal Discharging
SOU087	465	'43989718_/_6784405'	0.7	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	466	'6782459_/_115848047_1'	0.8	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	467	'43989873_/_6785718'	0.7	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	468	'43989707_/_6784787'	0.73	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	469	'391427475_/_8404448'	0.77	3.33	3.33	0.232	1.63	3.33	1.94 No	0.232	Thermal Discharging
SOU087	470	'621732940_/_391427497'	0.77	3.33	3.33	0.232	1.63	3.33	1.94 No	0.232	Thermal Discharging
SOU087	471	'43988912_/_43988914'	0.8	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	472	'621732897_/_86194861_1'	0.67	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	473	'7032671_/_7032681'	0.63	3.03	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	474	'7789507_/_7789505'	1.7	9.8	10	0.696	4.9	10	5.83 No	0.696	Thermal Discharging
SOU087	475	'8106656_/_8106654'	1.7	9.7	10	0.696	4.9	10	5.83 No	0.696	Thermal Discharging
SOU087	476	'6782472_/_6782469'	0.77	3.27	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	477	'6782446_/_6782456'	0.77	3.27	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	478	'6784939_/_6784936'	0.67	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	479	'539489753_/_8416842'	1.6	9.5	10	0.696	4.9	10	5.83 No	0.696	Thermal Discharging
SOU087	480	'539489726_/_539489750'	1.6	9.5	10	0.696	4.9	10	5.83 No	0.696	Thermal Discharging
SOU087	481	'37999585_/_539489732'	1.6	9.5	10	0.696	4.9	10	5.83 No	0.696	Thermal Discharging
SOU087	482	'539489743_/_539489740'	1.6	9.5	10	0.696	4.9	10	5.83 No	0.696	Thermal Discharging
SOU087	483	'539489727_/_539489724'	1.6	9.5	10	0.696	4.9	10	5.83 No	0.696	Thermal Discharging
SOU087	484	'6782527_/_6782537'	0.77	3.3	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	485	'6784952_/_6784949'	0.67	3.33	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	486	'43988855_/_43988857'	0.73	3.1	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	487	'6782526_/_43988903'	0.73	3.17	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	488	'7032670_/_7032668'	0.6	2.87	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	489	'6782445_/_6803517_2'	0.73	3.07	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	490	'6784965_/_6784962'	0.63	3.27	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	491	'43988866_/_6782482'	0.7	3.07	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SOU087	492	'404858125_/_539490178'	1.5	8.8	10	0.696	4.9	10	5.83 No	0.696	Thermal Discharging
SOU087	493	'404857950_/_404857947'	1.5	8.8	10	0.696	4.9	10	5.83 No	0.696	Thermal Discharging
SOU087	494	'404858133_/_37999673'	1.5	8.8	10	0.696	4.9	10	5.83 No	0.696	Thermal Discharging
SOU087	495	'404857931_/_37999652'	1.5	8.8	10	0.696	4.9	10	5.83 No	0.696	Thermal Discharging
SOU087	496	'539490525_/_539490545'	1.5	8.7	10	0.696	4.9	10	5.83 No	0.696	Thermal Discharging
SOU087	497	'7037924_/_44045524'	0.57	2.73	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	498	'6803507_/_6803517_1'	0.7	2.93	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	499	'621732058_/_6784988'	0.6	3.1	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	500	'6782501_/_43988868'	0.67	2.87	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	501	'7473653_/_565499680'	1.5	8.4	10	0.696	4.9	10	5.83 No	0.696	Thermal Discharging
SOU087	502	'37999711_/_565499663'	1.4	8.3	10	0.696	4.9	10	5.83 No	0.696	Thermal Discharging
SOU087	503	'404857791_/_37999715'	1.4	8.3	10	0.696	4.9	10	5.83 No	0.696	Thermal Discharging
SOU087	504	'404857818_/_404857815'	1.4	8.3	10	0.696	4.9	10	5.83 No	0.696	Thermal Discharging
SOU087	505	'37999697_/_37999694'	1.4	8.3	10	0.696	4.9	10	5.83 No	0.696	Thermal Discharging
SOU087	506	'37999683_/_37999687'	1.4	8.3	10	0.696	4.9	10	5.83 No	0.696	Thermal Discharging
SOU087	507	'6803506_/_6803504'	0.67	2.8	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	508	'7785097_/_7785095_2'	1.4	8.2	10	0.696	4.9	10	5.83 No	0.696	Thermal Discharging
SOU087	509	'7032477_/_7785095_1'	1.4	8.2	10	0.696	1.5	10	5.83 No	0.696	Thermal Discharging
SOU087	510	'43989729_/_6785001'	0.57	2.93	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	511	'6785004_/_6785014_1'	0.57	2.9	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	512	'8733741_/_8733738'	1.4	8	10	0.696	4.9	10	5.83 No	0.696	Thermal Discharging
SOU087	513	'6782514_/_6782511'	0.63	2.73	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	514	'432378196_/_7032475'	1.4	7.9	10	0.696	1.5	10	5.83 No	0.696	Thermal Discharging
SOU087	515	'6785017_/_6785014_2'	0.57	2.83	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	516	'44045467_/_423505544'	1.3	7.7	10	0.696	1.5	10	5.83 No	0.696	Thermal Discharging
SOU087	517	'6785030_/_6785027'	0.53	2.73	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	518	'6785046_/_6785043'	0.53	2.67	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	519	'539490284_/_539490344'	0.53	2.3	3.33	0.232	1.4	3.33	1.94 No	0.232	Thermal Discharging
SOU087	520	'539490250_/_539490281'	0.53	2.3	3.33	0.232	1.4	3.33	1.94 No	0.232	Thermal Discharging
SOU087	521	'539490272_/_539490269'	0.53	2.3	3.33	0.232	1.4	3.33	1.94 No	0.232	Thermal Discharging
SOU087	522	'539490278_/_539490275'	0.53	2.3	3.33	0.232	1.4	3.33	1.94 No	0.232	Thermal Discharging
SOU087	523	'539490290_/_539490287'	0.53	2.3	3.33	0.232	1.4	3.33	1.94 No	0.232	Thermal Discharging
SOU087	524	'115848220_/_7785115_2'	0.53	2.23	3.33	0.232	1.4	3.33	1.94 No	0.232	Thermal Discharging
SOU087	525	'7785117_/_7785115_1'	0.53	2.2	3.33	0.232	1.4	3.33	1.94 No	0.232	Thermal Discharging
SOU087	526	'585080331_/_7032564_1'	0.53	2.2	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	527	'642999343_/_568331663_1'	0.53	2.2	3.33	0.232	1.4	3.33	1.94 No	0.232	Thermal Discharging
SOU087	528	'404858119_/_37999645'	0.5	2.17	3.33	0.232	1.63	3.33	1.94 No	0.232	Thermal Discharging
SOU087	529	'585081742_/_9050711_1'	0.5	2.1	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	530	'585081705_/_9050711_2'	0.5	2.1	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	531	'432888553_/_432888575'	0.5	2.1	3.33	0.232	1.4	3.33	1.94 No	0.232	Thermal Discharging
SOU087	532	'585081683_/_7032436'	0.5	2.1	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	533	'44045434_/_7032564_2'	0.53	2.1	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	534	'44045412_/_7032423'	0.5	2.07	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	535	'642999300_/_568331638_1'	0.53	2.07	3.33	0.232	1.4	3.33	1.94 No	0.232	Thermal Discharging
SOU087	536	'9679063_/_539490584'	0.5	2.07	3.33	0.232	1.4	3.33	1.94 No	0.232	Thermal Discharging
SOU087	537	'44045400_/_44045402'	0.5	2.07	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	538	'7032525_/_568331638_2'	0.53	2.03	3.33	0.232	1.4	3.33	1.94 No	0.232	Thermal Discharging
SOU087	539	'642999321_/_568331663_2'	0.53	2.03	3.33	0.232	1.4	3.33	1.94 No	0.232	Thermal Discharging
SOU087	540	'7032580_/_7032577'	0.5	2.03	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	541	'585081656_/_7032449_1'	0.53	2.03	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	542	'7032399_/_7032397'	0.5	2.03	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	543	'7032451_/_7032449_2'	0.53	2.03	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	544	'7037365_/_7037375'	0.5	2	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	545	'7032554_/_44045436'	0.53	2.03	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	546	'44045423_/_7032590'	0.5	2	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	547	'9050991_/_539490605'	0.5	1.97	3.33	0.232	1.4	3.33	1.94 No	0.232	Thermal Discharging
SOU087	548	'44045445_/_7032538'	0.5	1.97	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	549	'7032452_/_7032449_3'	0.5	1.97	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	550	'7032541_/_8733778_1'	0.5	1.97	3.33	0.232	0.3	3.33	1.94 No	0.232	Thermal Discharging
SOU087	551	'44045389_/_44045391'	0.5	1.97	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	552	'7037352_/_7037349_2'	0.5	1.97	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	553	'6803474_/_7114497'	0.5	1.97	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	554	'6782374_/_44045425'	0.5	1.93	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	555	'44045456_/_7032462'	0.5	1.93	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	556	'7037339_/_7037349_1'	0.5	1.93	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	557	'44045478_/_7032506'	0.4	1.9	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	558	'437226262_/_8733778_2'	0.5	1.9	3.33	0.232	0.3	3.33	1.94 No	0.232	Thermal Discharging
SOU087	559	'6803475_/_6803472'	0.5	1.9	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	560	'43988934_/_6782372'	0.5	1.9	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	561	'44045378_/_7037336'	0.5	1.9	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	562	'6782387_/_44045458'	0.47	1.87	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	563	'7032492_/_7032490'	0.4	1.87	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	564	'7037313_/_7037323'	0.47	1.83	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	565	'6782595_/_6782592'	0.47	1.83	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	566	'43988833_/_44045469'	0.37	1.8	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	567	'44045489_/_44045491'	0.37	1.8	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	568	'8733781_/_437226286'	0.47	1.8	3.33	0.232	0.3	3.33	1.94 No	0.232	Thermal Discharging
SOU087	569	'7037417_/_7037414_2'	0.37	1.8	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	570	'6782388_/_6782385'	0.47	1.8	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	571	'44045367_/_44045369'	0.47	1.83	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	572	'6782608_/_6782605'	0.47	1.8	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	573	'6782417_/_43988835'	0.37	1.77	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	574	'7037287_/_44045358'	0.47	1.8	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	575	'6782401_/_6782398'	0.47	1.77	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	576	'7037404_/_7037414_1'	0.37	1.73	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	577	'7037391_/_7037401'	0.37	1.73	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	578	'379755394_/_43988947'	0.47	1.73	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	579	'6782430_/_6782427'	0.37	1.73	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	580	'7037390_/_7037388'	0.37	1.7	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	581	'44045898_/_44045900'	0.33	1.67	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	582	'7037443_/_7037742'	0.33	1.6	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	583	'7037442_/_7037440'	0.33	1.57	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	584	'44045968_/_44045970'	0.33	1.53	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging
SOU087	585	'7037496_/_7042904'	0.3	1.47	3.33	0.232	0.5	3.33	1.94 No	0.232	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SOU087	586	'7037145_/_7037493'	0.3	1.47	3.33	0.232	0.5	3.33	1.94	No	0.232 Thermal Discharging
SOU087	587	'44044124_/_7037143'	0.3	1.43	3.33	0.232	0.5	3.33	1.94	No	0.232 Thermal Discharging
SOU087	588	'7037120_/_7037130'	0.3	1.4	3.33	0.232	0.5	3.33	1.94	No	0.232 Thermal Discharging
SOU087	589	'44044651_/_7037117'	0.3	1.37	3.33	0.232	0.5	3.33	1.94	No	0.232 Thermal Discharging
SOU087	590	'7037094_/_7037104'	0.27	1.33	3.33	0.232	0.5	3.3	1.94	No	0.232 Thermal Discharging
SOU087	591	'7037093_/_7037091'	0.27	1.33	3.33	0.232	0.5	3.26	1.94	No	0.232 Thermal Discharging
SOU088	0	'SOU088_/_54435088_1'	10	10	10	0.608	10	10	5.11	No	0.608 Thermal Discharging
SOU088	1	'579690157_/_54435088_1'	10	10	10	0.608	10	10	5.11	No	0.608 Thermal Discharging
SOU088	2	'69848138_/_54435088_2'	10	10	10	0.608	10	10	5.11	No	0.608 Thermal Discharging
SOU088	3	'69848130_/_69847904'	10	10	10	0.608	10	10	5.11	No	0.608 Thermal Discharging
SOU088	4	'69847967_/_69847964'	10	10	10	0.608	10	10	5.11	No	0.608 Thermal Discharging
SOU088	5	'69848110_/_69847995'	10	10	10	0.608	10	10	5.11	No	0.608 Thermal Discharging
SOU088	6	'69848106_/_69848103'	10	10	10	0.608	10	10	5.11	No	0.608 Thermal Discharging
SOU088	7	'69848083_/_69848080'	10	10	10	0.608	10	10	5.11	No	0.608 Thermal Discharging
SOU088	8	'69848058_/_69848055'	10	10	10	0.608	10	10	5.11	No	0.608 Thermal Discharging
SOU088	9	'69848031_/_69848028'	10	10	10	0.608	10	10	5.11	No	0.608 Thermal Discharging
SOU088	10	'579688729_/_579688733'	10	10	10	0.608	10	10	5.11	No	0.608 Thermal Discharging
SOU088	11	'49959538_/_49959560'	10	10	10	0.608	10	10	5.11	No	0.608 Thermal Discharging
SOU088	12	'51301066_/_49959535'	10	10	10	0.608	10	10	5.11	No	0.608 Thermal Discharging
SOU088	13	'51301072_/_51301044'	10	10	10	0.608	10	10	5.11	No	0.608 Thermal Discharging
SOU088	14	'51301102_/_51301079'	10	10	10	0.608	10	10	5.11	No	0.608 Thermal Discharging
SOU088	15	'51301138_/_51301108'	10	10	10	0.608	10	10	5.11	No	0.608 Thermal Discharging
SOU088	16	'51301167_/_51301141'	10	10	10	0.608	10	10	5.11	No	0.608 Thermal Discharging
SOU088	17	'51301198_/_51301170'	10	10	10	0.608	10	10	5.11	No	0.608 Thermal Discharging
SOU088	18	'51301221_/_51301195'	10	10	10	0.608	10	10	5.11	No	0.608 Thermal Discharging
SOU088	19	'51301279_/_51301224'	10	10	10	0.608	10	10	5.11	No	0.608 Thermal Discharging
SOU088	20	'404625699_/_404625703'	6.67	6.67	6.67	0.4	3.1	6.67	3.41	No	0.4 Thermal Discharging
SOU088	21	'51301280_/_51301257'	10	10	10	0.608	10	10	5.11	No	0.608 Thermal Discharging
SOU088	22	'51301308_/_51301282'	10	10	10	0.608	10	10	5.11	No	0.608 Thermal Discharging
SOU088	23	'51301337_/_51301311'	10	10	10	0.608	10	10	5.11	No	0.608 Thermal Discharging
SOU088	24	'51301363_/_51301340'	10	10	10	0.608	10	10	5.11	No	0.608 Thermal Discharging
SOU088	25	'51301388_/_51301365'	10	10	10	0.608	10	10	5.11	No	0.608 Thermal Discharging
SOU088	26	'51301413_/_51301390'	10	10	10	0.608	10	10	5.11	No	0.608 Thermal Discharging
SOU088	27	'51301438_/_51301415'	10	10	10	0.608	10	10	5.11	No	0.608 Thermal Discharging
SOU088	28	'51301463_/_51301440'	10	10	10	0.608	10	10	5.11	No	0.608 Thermal Discharging
SOU088	29	'51301496_/_51301465'	10	10	10	0.608	10	10	5.11	No	0.608 Thermal Discharging
SOU088	30	'51301524_/_51301498'	10	10	10	0.608	10	10	5.11	No	0.608 Thermal Discharging
SOU088	31	'51301529_/_51301527'	10	10	10	0.608	10	10	5.11	No	0.608 Thermal Discharging
SOU088	32	'51301574_/_51301548'	10	10	10	0.608	10	10	5.11	No	0.608 Thermal Discharging
SOU088	33	'51301603_/_51301577'	10	10	10	0.608	10	10	5.11	No	0.608 Thermal Discharging
SOU088	34	'51301632_/_51302071'	10	10	10	0.608	10	10	5.11	No	0.608 Thermal Discharging
SOU088	35	'51301658_/_51301635'	10	10	10	0.608	10	10	5.11	No	0.608 Thermal Discharging
SOU088	36	'51301690_/_51301668'	10	10	10	0.608	10	10	5.11	No	0.608 Thermal Discharging
SOU088	37	'51301719_/_51301693'	10	10	10	0.608	10	10	5.11	No	0.608 Thermal Discharging
SOU088	38	'51301745_/_51301722'	10	10	10	0.608	10	10	5.11	No	0.608 Thermal Discharging
SOU088	39	'51301785_/_51301759'	10	10	10	0.608	10	10	5.11	No	0.608 Thermal Discharging
SOU088	40	'51301820_/_51301794'	10	10	10	0.608	10	10	5.11	No	0.608 Thermal Discharging
SOU088	41	'51301850_/_51301827'	10	10	10	0.608	10	10	5.11	No	0.608 Thermal Discharging
SOU088	42	'51301879_/_51301852'	10	10	10	0.608	10	10	5.11	No	0.608 Thermal Discharging
SOU088	43	'43969647_/_51301960'	10	10	10	0.608	10	10	5.11	No	0.608 Thermal Discharging
SOU088	44	'43969634_/_6695968'	10	10	10	0.608	10	10	5.11	No	0.608 Thermal Discharging
SOU088	45	'43969621_/_43969636'	10	10	10	0.608	10	10	5.11	No	0.608 Thermal Discharging
SOU088	46	'6695919_/_6695934'	10	10	10	0.608	10	10	5.11	No	0.608 Thermal Discharging
SOU088	47	'43969608_/_6695917'	10	10	10	0.608	10	10	5.11	No	0.608 Thermal Discharging
SOU088	48	'7458984_/_9038609_1'	6.67	6.67	6.67	0.4	1	6.67	3.41	No	0.4 Thermal Discharging
SOU088	49	'6695865_/_43969610'	10	10	10	0.608	10	10	5.11	No	0.608 Thermal Discharging
SOU088	50	'6695866_/_6695863'	10	10	10	0.608	10	10	5.11	No	0.608 Thermal Discharging
SOU088	51	'6696212_/_6696226'	10	10	10	0.608	10	10	5.11	No	0.608 Thermal Discharging
SOU088	52	'6690477_/_6695880'	10	10	10	0.608	10	10	5.11	No	0.608 Thermal Discharging
SOU088	53	'6690464_/_6690461_2'	3.33	3.33	3.33	0.2	3.1	3.33	1.7	No	0.2 Thermal Discharging
SOU088	54	'579690515_/_9038609_2'	6.67	6.67	6.67	0.4	1	6.67	3.41	No	0.4 Thermal Discharging
SOU088	55	'43969573_/_6696825'	10	10	10	0.608	10	10	5.11	No	0.608 Thermal Discharging
SOU088	56	'6691364_/_6696209'	10	10	10	0.608	10	10	5.11	No	0.608 Thermal Discharging
SOU088	57	'6690592_/_6690589_2'	10	10	10	0.608	5.8	10	5.11	No	0.608 Thermal Discharging
SOU088	58	'6667273_/_43969575'	10	10	10	0.608	10	10	5.11	No	0.608 Thermal Discharging
SOU088	59	'6667274_/_6667271'	10	10	10	0.608	10	10	5.11	No	0.608 Thermal Discharging
SOU088	60	'6695267_/_6695846'	10	10	10	0.608	10	10	5.11	No	0.608 Thermal Discharging
SOU088	61	'6690575_/_6690589_1'	10	10	10	0.608	1.5	10	5.11	No	0.608 Thermal Discharging
SOU088	62	'43969695_/_43969697'	10	10	10	0.608	10	10	5.11	No	0.608 Thermal Discharging
SOU088	63	'6695250_/_6695264'	10	10	10	0.608	10	10	5.11	No	0.608 Thermal Discharging
SOU088	64	'6690409_/_6690419_1'	3.33	3.33	3.33	0.2	0.5	3.33	1.7	No	0.2 Thermal Discharging
SOU088	65	'6696161_/_6696175'	10	10	10	0.608	10	10	5.11	No	0.608 Thermal Discharging
SOU088	66	'43969275_/_43969277'	10	10	10	0.608	10	10	5.11	No	0.608 Thermal Discharging
SOU088	67	'6689738_/_6690461_1'	3.33	3.33	3.33	0.2	0.5	3.33	1.7	No	0.2 Thermal Discharging
SOU088	68	'6695216_/_6695230'	10	10	10	0.608	10	10	5.11	No	0.608 Thermal Discharging
SOU088	69	'6696144_/_6696158'	10	10	10	0.608	10	10	5.11	No	0.608 Thermal Discharging
SOU088	70	'43969262_/_6695213'	10	10	10	0.608	10	10	5.11	No	0.608 Thermal Discharging
SOU088	71	'6690608_/_6696141'	10	10	10	0.608	10	10	5.11	No	0.608 Thermal Discharging
SOU088	72	'6689652_/_6695193'	10	10	10	0.608	10	10	5.11	No	0.608 Thermal Discharging
SOU088	73	'6690609_/_6690623_1'	10	10	10	0.608	1.5	10	5.11	No	0.608 Thermal Discharging
SOU088	74	'43969773_/_43969775'	10	10	10	0.608	10	10	5.11	No	0.608 Thermal Discharging
SOU088	75	'647562838_/_647562842'	10	10	10	0.608	5.4	10	5.11	No	0.608 Thermal Discharging
SOU088	76	'6695321_/_6695318'	10	10	10	0.608	10	10	5.11	No	0.608 Thermal Discharging
SOU088	77	'616455561_/_6695335'	10	10	10	0.608	10	10	5.11	No	0.608 Thermal Discharging
SOU088	78	'6695286_/_6695301'	10	10	10	0.608	10	10	5.11	No	0.608 Thermal Discharging
SOU088	79	'616455577_/_6695159_2'	10	10	10	0.608	9	10	5.11	No	0.608 Thermal Discharging
SOU088	80	'6689634_/_6689631_2'	6.67	6.67	6.67	0.4	2.2	6.67	3.41	No	0.4 Thermal Discharging
SOU088	81	'6689725_/_6689735'	3.33	3.33	3.33	0.2	0.5	3.33	1.7	No	0.2 Thermal Discharging
SOU088	82	'6695287_/_6695284'	10	10	10	0.608	10	10	5.11	No	0.608 Thermal Discharging
SOU088	83	'647562956_/_647562898_1'	10	10	10	0.608	1.5	10	5.11	No	0.608 Thermal Discharging
SOU088	84	'647562867_/_647562898_2'	10	10	10	0.608	1.5	10	5.11	No	0.608 Thermal Discharging
SOU088	85	'52434189_/_52434192'	10	10	10	0.608	10	10	5.11	No	0.608 Thermal Discharging
SOU088	86	'43969708_/_43969710'	8.5	10	10	0.608	1.5	10	5.11	No	0.608 Thermal Discharging
SOU088	87	'67490587_/_6695457'	10	10	10	0.608	10	10	5.11	No	0.608 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over- Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SOU088	88	'52434190_/_52434167'		10	10	10	0.608	10	10	5.11 No	0.608 Thermal Discharging
SOU088	89	'6689724_/_43969290'		3.13	3.33	3.33	0.2	0.5	3.33	1.7 No	0.2 Thermal Discharging
SOU088	90	'466204346_/_52434134'		10	10	10	0.608	10	10	5.11 No	0.608 Thermal Discharging
SOU088	91	'6690626_/_6690623_2'		8.2	10	10	0.608	1.5	10	5.11 No	0.608 Thermal Discharging
SOU088	92	'67490599_/_6689680_1'		3.2	3.33	3.33	0.2	0.5	3.33	1.7 No	0.2 Thermal Discharging
SOU088	93	'6695423_/_6695437'		9.6	10	10	0.608	10	10	5.11 No	0.608 Thermal Discharging
SOU088	94	'6697765_/_466204343'		9.7	10	10	0.608	10	10	5.11 No	0.608 Thermal Discharging
SOU088	95	'579688996_/_43970570'		9.2	10	10	0.608	9.5	10	5.11 No	0.608 Thermal Discharging
SOU088	96	'6695406_/_6695420'		9.1	10	10	0.608	10	10	5.11 No	0.608 Thermal Discharging
SOU088	97	'579690548_/_43969351_1'		9.2	10	10	0.608	9.5	10	5.11 No	0.608 Thermal Discharging
SOU088	98	'7772860_/_8093994_1'		2.7	3.33	3.33	0.2	0.3	3.33	1.7 No	0.2 Thermal Discharging
SOU088	99	'6697943_/_52434076'		9.2	10	10	0.608	10	10	5.11 No	0.608 Thermal Discharging
SOU088	100	'43969349_/_43969351_2'		8.8	10	10	0.608	9.5	10	5.11 No	0.608 Thermal Discharging
SOU088	101	'6698074_/_52434339'		8.9	10	10	0.608	10	10	5.11 No	0.608 Thermal Discharging
SOU088	102	'43969310_/_6695403'		8.6	10	10	0.608	10	10	5.11 No	0.608 Thermal Discharging
SOU088	103	'579688971_/_579688976'		2.77	3.33	3.33	0.2	0.5	3.33	1.7 No	0.2 Thermal Discharging
SOU088	104	'579689728_/_6697978_1'		9.2	10	10	0.608	1.5	10	5.11 No	0.608 Thermal Discharging
SOU088	105	'43969586_/_6690419_2'		2.73	3.33	3.33	0.2	0.5	3.33	1.7 No	0.2 Thermal Discharging
SOU088	106	'6698053_/_52434276'		8.6	10	10	0.608	10	10	5.11 No	0.608 Thermal Discharging
SOU088	107	'43969512_/_6690133'		7.2	10	10	0.608	1.5	10	5.11 No	0.608 Thermal Discharging
SOU088	108	'6695548_/_6697782'		8.3	10	10	0.608	9.5	10	5.11 No	0.608 Thermal Discharging
SOU088	109	'6695372_/_6695386'		8.2	10	10	0.608	10	10	5.11 No	0.608 Thermal Discharging
SOU088	110	'579690384_/_9038725_1'		5.93	6.67	6.67	0.4	1	6.67	3.41 No	0.4 Thermal Discharging
SOU088	111	'43969299_/_6689680_2'		2.63	3.33	3.33	0.2	0.5	3.33	1.7 No	0.2 Thermal Discharging
SOU088	112	'6698125_/_6698139'		8.2	10	10	0.608	10	10	5.11 No	0.608 Thermal Discharging
SOU088	113	'43970603_/_43970605'		8.2	10	10	0.608	10	10	5.11 No	0.608 Thermal Discharging
SOU088	114	'579688970_/_579688968'		2.57	3.33	3.33	0.2	0.5	3.33	1.7 No	0.2 Thermal Discharging
SOU088	115	'43970616_/_6698156'		8.1	10	10	0.608	10	10	5.11 No	0.608 Thermal Discharging
SOU088	116	'43969323_/_6695369'		7.9	10	10	0.608	10	10	5.11 No	0.608 Thermal Discharging
SOU088	117	'6695531_/_6695545'		8	10	10	0.608	9.5	10	5.11 No	0.608 Thermal Discharging
SOU088	118	'8401979_/_647562871'		6.9	10	10	0.608	1.5	10	5.11 No	0.608 Thermal Discharging
SOU088	119	'43969336_/_6695528'		7.8	10	10	0.608	9.5	10	5.11 No	0.608 Thermal Discharging
SOU088	120	'6695755_/_6698122'		7.9	10	10	0.608	10	10	5.11 No	0.608 Thermal Discharging
SOU088	121	'6698014_/_6698456'		7.8	10	10	0.608	10	10	5.11 No	0.608 Thermal Discharging
SOU088	122	'8093997_/_8093994_2'		2.3	3.33	3.33	0.2	0.3	3.33	1.7 No	0.2 Thermal Discharging
SOU088	123	'579690422_/_6698028_1'		7.9	10	10	0.608	0.9	10	5.11 No	0.608 Thermal Discharging
SOU088	124	'6695354_/_6695352'		7.5	10	10	0.608	10	10	5.11 No	0.608 Thermal Discharging
SOU088	125	'6695497_/_6695511'		7.6	10	10	0.608	9.5	10	5.11 No	0.608 Thermal Discharging
SOU088	126	'43969163_/_6695752'		7.6	10	10	0.608	10	10	5.11 No	0.608 Thermal Discharging
SOU088	127	'6699082_/_6699096'		7.3	10	10	0.608	10	10	5.11 No	0.608 Thermal Discharging
SOU088	128	'6695480_/_6695494'		7.3	10	10	0.608	9.5	10	5.11 No	0.608 Thermal Discharging
SOU088	129	'43969176_/_6695735'		7.3	10	10	0.608	10	10	5.11 No	0.608 Thermal Discharging
SOU088	130	'6699065_/_6699079'		7.1	10	10	0.608	10	10	5.11 No	0.608 Thermal Discharging
SOU088	131	'43969226_/_6689631_1'		4.47	6.67	6.67	0.4	1	6.67	3.41 No	0.4 Thermal Discharging
SOU088	132	'6695479_/_6695477'		7.2	10	10	0.608	9.5	10	5.11 No	0.608 Thermal Discharging
SOU088	133	'9038788_/_9038805_1'		7.1	10	10	0.608	0.2	10	5.11 No	0.2 Element Fault
SOU088	134	'6689696_/_6689693'		2.23	3.33	3.33	0.2	0.5	3.33	1.7 No	0.2 Thermal Discharging
SOU088	135	'43969511_/_6690116'		6.2	10	10	0.608	1.5	10	5.11 No	0.608 Thermal Discharging
SOU088	136	'43970813_/_6699062'		6.9	10	10	0.608	10	10	5.11 No	0.608 Thermal Discharging
SOU088	137	'130088005_/_130087968_1'		7.2	10	10	0.608	1.6	10	5.11 No	0.608 Thermal Discharging
SOU088	138	'43970629_/_6698051'		6.9	10	10	0.608	4.7	10	5.11 No	0.608 Thermal Discharging
SOU088	139	'6695704_/_6695718'		7	10	10	0.608	10	10	5.11 No	0.608 Thermal Discharging
SOU088	140	'6689879_/_6697978_2'		6.7	10	10	0.608	1.5	10	5.11 No	0.608 Thermal Discharging
SOU088	141	'56972316_/_56972313'		6.8	10	10	0.608	10	10	5.11 No	0.608 Thermal Discharging
SOU088	142	'517224950_/_517224924_1'		6.9	10	10	0.608	1.5	10	5.11 No	0.608 Thermal Discharging
SOU088	143	'6698031_/_6698028_2'		6.8	10	10	0.608	0.9	10	5.11 No	0.608 Thermal Discharging
SOU088	144	'579690452_/_6697348_1'		6.9	10	10	0.608	1.5	10	5.11 No	0.608 Thermal Discharging
SOU088	145	'56972373_/_56972334_1'		6.8	10	10	0.608	1.5	10	5.11 No	0.608 Thermal Discharging
SOU088	146	'70256553_/_43969501'		6.8	10	10	0.608	5.8	10	5.11 No	0.608 Thermal Discharging
SOU088	147	'43970799_/_43970801'		6.8	10	10	0.608	10	10	5.11 No	0.608 Thermal Discharging
SOU088	148	'9038808_/_9038805_2'		6.6	10	10	0.608	0.2	10	5.11 No	0.2 Element Fault
SOU088	149	'6695687_/_6695701'		6.8	10	10	0.608	10	10	5.11 No	0.608 Thermal Discharging
SOU088	150	'66698351_/_43970828'		6.6	10	10	0.608	10	10	5.11 No	0.608 Thermal Discharging
SOU088	151	'6698630_/_6698628'		6.7	10	10	0.608	9.5	10	5.11 No	0.608 Thermal Discharging
SOU088	152	'616455539_/_9353790_2'		6.6	10	10	0.608	10	10	5.11 No	0.608 Thermal Discharging
SOU088	153	'9038728_/_9038725_2'		4.27	6.67	6.67	0.4	1	6.67	3.41 No	0.4 Thermal Discharging
SOU088	154	'6695670_/_6695684'		6.6	10	10	0.608	10	10	5.11 No	0.608 Thermal Discharging
SOU088	155	'69488091_/_8401936_2'		6.8	10	10	0.608	5.5	10	5.11 No	0.608 Thermal Discharging
SOU088	156	'6690027_/_6690025_1'		6.8	10	10	0.608	3.3	10	5.11 No	0.608 Thermal Discharging
SOU088	157	'43971828_/_43971830'		6.6	10	10	0.608	9.5	10	5.11 No	0.608 Thermal Discharging
SOU088	158	'6690646_/_6690643'		5.7	10	10	0.608	1.5	10	5.11 No	0.608 Thermal Discharging
SOU088	159	'483496318_/_483496322'		6.4	10	10	0.608	10	10	5.11 No	0.608 Thermal Discharging
SOU088	160	'579690023_/_43970670'		6.1	10	10	0.608	1.5	10	5.11 No	0.608 Thermal Discharging
SOU088	161	'6695653_/_6695667'		6.4	10	10	0.608	10	10	5.11 No	0.608 Thermal Discharging
SOU088	162	'6690435_/_6690432'		2.07	3.33	3.33	0.2	0.5	3.33	1.7 No	0.2 Thermal Discharging
SOU088	163	'6703836_/_6703868'		6.4	10	10	0.608	9.5	10	5.11 No	0.608 Thermal Discharging
SOU088	164	'420713652_/_6703851_1'		6.4	10	10	0.608	9.5	10	5.11 No	0.608 Thermal Discharging
SOU088	165	'579690679_/_108762502_1'		6.4	10	10	0.608	1.5	10	5.11 No	0.608 Thermal Discharging
SOU088	166	'579690044_/_6697348_2'		6.2	10	10	0.608	1.5	10	5.11 No	0.608 Thermal Discharging
SOU088	167	'69488062_/_7459117_2'		6.4	10	10	0.608	5.4	10	5.11 No	0.608 Thermal Discharging
SOU088	168	'6689712_/_6689709'		1.97	3.33	3.33	0.2	0.5	3.33	1.7 No	0.2 Thermal Discharging
SOU088	169	'6690098_/_6695650'		6.2	10	10	0.608	10	10	5.11 No	0.608 Thermal Discharging
SOU088	170	'6698613_/_6703851_2'		6.2	10	10	0.608	9.5	10	5.11 No	0.608 Thermal Discharging
SOU088	171	'8401938_/_8401936_1'		6	10	10	0.608	1.6	10	5.11 No	0.608 Thermal Discharging
SOU088	172	'56972337_/_56972334_2'		5.8	10	10	0.608	1.5	10	5.11 No	0.608 Thermal Discharging
SOU088	173	'6690044_/_6695633'		6	10	10	0.608	10	10	5.11 No	0.608 Thermal Discharging
SOU088	174	'130087958_/_130087968_2'		5.9	10	10	0.608	1.6	10	5.11 No	0.608 Thermal Discharging
SOU088	175	'6698596_/_6698611'		6	10	10	0.608	9.5	10	5.11 No	0.608 Thermal Discharging
SOU088	176	'156833671_/_154654926_1'		6	10	10	0.608	3.5	10	5.11 No	0.608 Thermal Discharging
SOU088	177	'52816948_/_70255636'		6	10	10	0.608	10	10	5.11 No	0.608 Thermal Discharging
SOU088	178	'69488034_/_8720456_2'		6	10	10	0.608	5.4	10	5.11 No	0.608 Thermal Discharging
SOU088	179	'6680781_/_6698594'		5.9	10	10	0.608	9.5	10	5.11 No	0.608 Thermal Discharging
SOU088	180	'6695615_/_6695613'		5.8	10	10	0.608	10	10	5.11 No	0.608 Thermal Discharging
SOU088	181	'108762536_/_6690059_1'		5.8	10	10	0.608	1.5	10	5.11 No	0.608 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over- Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SOU088	182	'43969486_/6690025_2'		5.5	10	10	0.608	3.3	10	5.11 No	0.608 Thermal Discharging
SOU088	183	'6691523_/6691540'		5.8	10	10	0.608	9.5	10	5.11 No	0.608 Thermal Discharging
SOU088	184	'483496537_/108762502_2'		5.6	10	10	0.608	1.5	10	5.11 No	0.608 Thermal Discharging
SOU088	185	'133585659_/6680779_2'		5.7	10	10	0.608	4.8	10	5.11 No	0.608 Thermal Discharging
SOU088	186	'6689967_/517224924_2'		5.4	10	10	0.608	1.5	10	5.11 No	0.608 Thermal Discharging
SOU088	187	'6680779_/6680779_1'		5.7	10	10	0.608	1.5	10	5.11 No	0.608 Thermal Discharging
SOU088	188	'6689968_/6689965'		5.4	10	10	0.608	1.5	10	5.11 No	0.608 Thermal Discharging
SOU088	189	'43966368_/6691520'		5.6	10	10	0.608	9.5	10	5.11 No	0.608 Thermal Discharging
SOU088	190	'130087948_/130087955'		5.4	10	10	0.608	1.6	10	5.11 No	0.608 Thermal Discharging
SOU088	191	'44154557_/6687618'		5.5	10	10	0.608	3.3	10	5.11 No	0.608 Thermal Discharging
SOU088	192	'70255618_/6690059_2'		5.4	10	10	0.608	1.5	10	5.11 No	0.608 Thermal Discharging
SOU088	193	'6703223_/6703235'		3.4	6.67	6.67	0.4	1	6.67	3.41 No	0.4 Thermal Discharging
SOU088	194	'112623673_/112623656_1'		5.2	10	10	0.608	3.3	10	5.11 No	0.608 Thermal Discharging
SOU088	195	'6691489_/6691503'		5.4	10	10	0.608	9.5	10	5.11 No	0.608 Thermal Discharging
SOU088	196	'483496569_/483496543'		5.2	10	10	0.608	1.5	10	5.11 No	0.608 Thermal Discharging
SOU088	197	'51279807_/51279784_1'		5.4	10	10	0.608	0.9	10	5.11 No	0.608 Thermal Discharging
SOU088	198	'43969447_/6689894'		5	10	10	0.608	1.5	10	5.11 No	0.608 Thermal Discharging
SOU088	199	'6689988_/6690005'		5	10	10	0.608	1.5	10	5.11 No	0.608 Thermal Discharging
SOU088	200	'6687834_/6691486'		5.3	10	10	0.608	9.5	10	5.11 No	0.608 Thermal Discharging
SOU088	201	'6691560_/6691574_1'		5.3	10	10	0.608	2.4	10	5.11 No	0.608 Thermal Discharging
SOU088	202	'6691577_/6691574_2'		5.3	10	10	0.608	2.4	10	5.11 No	0.608 Thermal Discharging
SOU088	203	'6690451_/6690448'		1.67	3.33	3.33	0.2	0.5	3.33	1.7 No	0.2 Thermal Discharging
SOU088	204	'112623606_/112623656_2'		5	10	10	0.608	3.3	10	5.11 No	0.608 Thermal Discharging
SOU088	205	'6687817_/6687831'		5.2	10	10	0.608	9.5	10	5.11 No	0.608 Thermal Discharging
SOU088	206	'6691835_/6691832'		5.2	10	10	0.608	2.4	10	5.11 No	0.608 Thermal Discharging
SOU088	207	'8720458_/8720456_1'		5	10	10	0.608	1.5	10	5.11 No	0.608 Thermal Discharging
SOU088	208	'7459119_/7459117_1'		5	10	10	0.608	1.5	10	5.11 No	0.608 Thermal Discharging
SOU088	209	'6691852_/6691849'		5.2	10	10	0.608	2.4	10	5.11 No	0.608 Thermal Discharging
SOU088	210	'8718860_/8718858_1'		5.2	10	10	0.608	1.6	10	5.11 No	0.608 Thermal Discharging
SOU088	211	'43966342_/43966344'		5.1	10	10	0.608	9.5	10	5.11 No	0.608 Thermal Discharging
SOU088	212	'483496497_/483496573'		4.9	10	10	0.608	1.5	10	5.11 No	0.608 Thermal Discharging
SOU088	213	'43968889_/43968891'		4.9	10	10	0.608	1.6	10	5.11 No	0.608 Thermal Discharging
SOU088	214	'43966355_/6691866'		5	10	10	0.608	2.4	10	5.11 No	0.608 Thermal Discharging
SOU088	215	'130285003_/130285021'		4.8	10	10	0.608	1.6	10	5.11 No	0.608 Thermal Discharging
SOU088	216	'43966316_/6680816'		4.9	10	10	0.608	1.5	10	5.11 No	0.608 Thermal Discharging
SOU088	217	'6687783_/6687797'		5	10	10	0.608	9.5	10	5.11 No	0.608 Thermal Discharging
SOU088	218	'9038571_/9038569'		4.8	10	10	0.608	1.5	10	5.11 No	0.608 Thermal Discharging
SOU088	219	'6691886_/6691883'		4.9	10	10	0.608	2.4	10	5.11 No	0.608 Thermal Discharging
SOU088	220	'43966329_/6687780'		4.9	10	10	0.608	9.5	10	5.11 No	0.608 Thermal Discharging
SOU088	221	'43966587_/43966318'		4.9	10	10	0.608	1.5	10	5.11 No	0.608 Thermal Discharging
SOU088	222	'6691903_/6691900'		4.9	10	10	0.608	2.4	10	5.11 No	0.608 Thermal Discharging
SOU088	223	'470570551_/154654926_2'		4.8	10	10	0.608	3.5	10	5.11 No	0.608 Thermal Discharging
SOU088	224	'43969202_/6689834'		4.6	10	10	0.608	1.5	10	5.11 No	0.608 Thermal Discharging
SOU088	225	'6681370_/7772721_2'		4.9	10	10	0.608	1.5	10	5.11 No	0.608 Thermal Discharging
SOU088	226	'8718861_/8718858_2'		4.8	10	10	0.608	1.6	10	5.11 No	0.608 Thermal Discharging
SOU088	227	'43969786_/6691323'		4.2	10	10	0.608	1.5	10	5.11 No	0.608 Thermal Discharging
SOU088	228	'6681040_/6691917'		4.8	10	10	0.608	2.4	10	5.11 No	0.608 Thermal Discharging
SOU088	229	'579690170_/7458961_2'		4.2	10	10	0.608	1.5	10	5.11 No	0.608 Thermal Discharging
SOU088	230	'43969460_/6689911'		4.4	10	10	0.608	1.5	10	5.11 No	0.608 Thermal Discharging
SOU088	231	'567050082_/6691934'		4.7	10	10	0.608	2.4	10	5.11 No	0.608 Thermal Discharging
SOU088	232	'43969189_/483496518'		4.5	10	10	0.608	1.5	10	5.11 No	0.608 Thermal Discharging
SOU088	233	'7458963_/7458961_1'		4.1	10	10	0.608	0.9	10	5.11 No	0.608 Thermal Discharging
SOU088	234	'567051864_/9038437_1'		4.7	10	10	0.608	1.5	10	5.11 No	0.608 Thermal Discharging
SOU088	235	'49172156_/6681038_1'		1.6	3.33	3.33	0.2	0.5	3.33	1.7 No	0.2 Thermal Discharging
SOU088	236	'43971816_/6703220'		2.87	6.67	6.67	0.4	1	6.67	3.41 No	0.4 Thermal Discharging
SOU088	237	'579689700_/43969204'		4.3	10	10	0.608	1.5	10	5.11 No	0.608 Thermal Discharging
SOU088	238	'7772724_/7772721_1'		4.3	10	10	0.608	0.9	10	5.11 No	0.608 Thermal Discharging
SOU088	239	'587834090_/587834077'		4.3	10	10	0.608	2.4	10	5.11 No	0.608 Thermal Discharging
SOU088	240	'43968876_/43968878'		4.1	10	10	0.608	1.6	10	5.11 No	0.608 Thermal Discharging
SOU088	241	'540461083_/540461099'		4.1	10	10	0.608	1.6	10	5.11 No	0.608 Thermal Discharging
SOU088	242	'51279777_/51279784_2'		4.1	10	10	0.608	0.9	10	5.11 No	0.608 Thermal Discharging
SOU088	243	'43966429_/6681038_2'		1.53	3.33	3.33	0.2	0.5	3.33	1.7 No	0.2 Thermal Discharging
SOU088	244	'8123997_/9038437_2'		4.2	10	10	0.608	1.5	10	5.11 No	0.608 Thermal Discharging
SOU088	245	'9353197_/9353194'		4.1	10	10	0.608	0.9	10	5.11 No	0.608 Thermal Discharging
SOU088	246	'6703193_/6703205'		2.53	6.67	6.67	0.4	1	6.67	3.41 No	0.4 Thermal Discharging
SOU088	247	'43969473_/6689928'		3.8	10	10	0.608	1.5	10	5.11 No	0.608 Thermal Discharging
SOU088	248	'6697295_/6698213'		1.3	3.33	3.33	0.2	0.5	3.33	1.7 No	0.2 Thermal Discharging
SOU088	249	'239384633_/470570573'		3.9	10	10	0.608	3.5	10	5.11 No	0.608 Thermal Discharging
SOU088	250	'43970463_/6697293'		1.23	3.33	3.33	0.2	0.5	3.33	1.7 No	0.2 Thermal Discharging
SOU088	251	'43968861_/6698934'		3.7	10	10	0.608	1.6	10	5.11 No	0.608 Thermal Discharging
SOU088	252	'6681070_/6681080'		1.37	3.33	3.33	0.2	0.5	3.33	1.7 No	0.2 Thermal Discharging
SOU088	253	'130088190_/9701192_1'		3.7	10	10	0.608	0.9	10	5.11 No	0.608 Thermal Discharging
SOU088	254	'57077295_/57077292'		3.7	10	10	0.608	1.6	10	5.11 No	0.608 Thermal Discharging
SOU088	255	'7827580_/154656443'		2.7	7.4	10	0.608	3.5	10	5.11 No	0.608 Thermal Discharging
SOU088	256	'43968845_/43968847'		3.6	10	10	0.608	1.6	10	5.11 No	0.608 Thermal Discharging
SOU088	257	'9701194_/9701192_2'		3.6	10	10	0.608	0.9	10	5.11 No	0.608 Thermal Discharging
SOU088	258	'43969682_/43969475'		3.4	10	10	0.608	1.5	10	5.11 No	0.608 Thermal Discharging
SOU088	259	'7155886_/7155883'		3.5	10	10	0.608	1.6	10	5.11 No	0.608 Thermal Discharging
SOU088	260	'8123996_/8123994'		3.5	10	10	0.608	1.5	10	5.11 No	0.608 Thermal Discharging
SOU088	261	'6699050_/6703190'		2.2	6.67	6.67	0.4	1	6.67	3.41 No	0.4 Thermal Discharging
SOU088	262	'6681057_/6681067'		1.27	3.33	3.33	0.2	0.5	3.33	1.7 No	0.2 Thermal Discharging
SOU088	263	'6687655_/6698894'		3.4	10	10	0.608	1.6	10	5.11 No	0.608 Thermal Discharging
SOU088	264	'38141155_/57077398'		3.4	10	10	0.608	1.5	10	5.11 No	0.608 Thermal Discharging
SOU088	265	'6697312_/6697309'		1.1	3.33	3.33	0.2	0.5	3.33	1.7 No	0.2 Thermal Discharging
SOU088	266	'6690558_/43969684'		2.13	6.4	6.67	0.4	1	6.67	3.41 No	0.4 Thermal Discharging
SOU088	267	'6687654_/6687652'		3.2	9.4	10	0.608	1.6	10	5.11 No	0.608 Thermal Discharging
SOU088	268	'9069421_/9069419_1'		3.2	9.4	10	0.608	1	10	5.11 No	0.608 Thermal Discharging
SOU088	269	'122285734_/43966442'		1.17	3.3	3.33	0.2	0.5	3.33	1.7 No	0.2 Thermal Discharging
SOU088	270	'6699035_/6699047'		2.07	6.27	6.67	0.4	1	6.67	3.41 No	0.4 Thermal Discharging
SOU088	271	'6697325_/6697322'		1.03	3.1	3.33	0.2	0.5	3.33	1.7 No	0.2 Thermal Discharging
SOU088	272	'36409241_/9069419_2'		3	8.7	10	0.608	1	10	5.11 No	0.608 Thermal Discharging
SOU088	273	'447909136_/8751780'		3	8.7	10	0.608	1	10	5.11 No	0.608 Thermal Discharging
SOU088	274	'447909115_/447909180'		2.9	8.4	10	0.608	1	10	5.11 No	0.608 Thermal Discharging
SOU088	275	'6699017_/6699032'		1.87	5.6	6.67	0.4	1	6.67	3.41 No	0.4 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SOU088	276	'447909214_/447909258'		2.9	8.3	10	0.608	1	10	5.11 No	0.608 Thermal Discharging
SOU088	277	'7459793_/154654995'		2.5	7.6	10	0.608	3.5	9.92	5.11 No	0.608 Thermal Discharging
SOU088	278	'478619241_/447909218_1'		2.8	8.2	10	0.608	1.5	10	5.11 No	0.608 Thermal Discharging
SOU088	279	'7459794_/7459791'		2.5	7.6	10	0.608	3.5	9.82	5.11 No	0.608 Thermal Discharging
SOU088	280	'122285825_/122285621'		1.03	2.8	3.33	0.2	0.5	3.19	1.7 No	0.2 Thermal Discharging
SOU088	281	'43969215_/6697335'		0.93	2.77	3.33	0.2	0.5	3.26	1.7 No	0.2 Thermal Discharging
SOU088	282	'122285705_/122285656_2'		1	2.8	3.33	0.2	0.5	3.18	1.7 No	0.2 Thermal Discharging
SOU088	283	'473686009_/473686033'		2.5	7.6	10	0.608	3.5	9.76	5.11 No	0.608 Thermal Discharging
SOU088	284	'122285638_/122285656_1'		0.97	2.67	3.33	0.2	0.3	3.12	1.7 No	0.2 Thermal Discharging
SOU088	285	'69570327_/43970789_2'		1.73	5.2	6.67	0.4	1	6.61	3.41 No	0.4 Thermal Discharging
SOU088	286	'43970787_/43970789_1'		1.73	5.2	6.67	0.4	1	6.56	3.41 No	0.4 Thermal Discharging
SOU088	287	'56896724_/154656332'		1.03	3.33	3.33	0.2	1.17	2.59	1.7 No	0.2 Thermal Discharging
SOU088	288	'6689854_/6689851'		0.83	2.5	3.33	0.2	0.5	3.07	1.7 No	0.2 Thermal Discharging
SOU088	289	'8401799_/8402856'		2.5	7.7	10	0.608	3.5	9.23	5.11 No	0.608 Thermal Discharging
SOU088	290	'239384669_/154655021'		0.93	3.33	3.33	0.2	1.17	2.56	1.7 No	0.2 Thermal Discharging
SOU088	291	'6698991_/6699001'		0.83	2.4	3.33	0.2	0.5	3.14	1.7 No	0.2 Thermal Discharging
SOU088	292	'8401798_/8401796'		2.5	7.8	10	0.608	3.5	9.04	5.11 No	0.608 Thermal Discharging
SOU088	293	'9095486_/154655011'		0.97	3.33	3.33	0.2	1.17	2.52	1.7 No	0.2 Thermal Discharging
SOU088	294	'6689867_/6689864'		0.77	2.3	3.33	0.2	0.5	2.92	1.7 No	0.2 Thermal Discharging
SOU088	295	'96573412_/96573414'		0.8	2.23	3.33	0.2	0.5	3	1.7 No	0.2 Thermal Discharging
SOU088	296	'8457717_/154656309'		0.87	3.33	3.33	0.2	1.17	2.44	1.7 No	0.2 Thermal Discharging
SOU088	297	'43970592_/6697928'		0.73	2.13	3.33	0.2	0.5	2.78	1.7 No	0.2 Thermal Discharging
SOU088	298	'579690605_/43970594'		0.7	2.03	3.33	0.2	1.1	2.68	1.7 No	0.2 Thermal Discharging
SRD211	0	'SRD211_/311416518'		10	10	10	0.85	10	10	5.07 No	0.85 Thermal Discharging
SRD211	1	'311416488_/311416518'		10	10	10	0.85	10	10	2.08 No	0.85 Thermal Discharging
SRD211	2	'383112549_/383111922_1'		10	10	10	0.85	1.9	10	2.08 No	0.85 Thermal Discharging
SRD211	3	'383111925_/383111922_2'		10	10	10	0.85	1.9	10	2.08 No	0.85 Thermal Discharging
SRD211	4	'311415670_/311416486'		10	10	10	0.85	10	10	2.08 No	0.85 Thermal Discharging
SRD211	5	'438762751_/311415668'		10	10	10	0.85	10	10	2.08 No	0.85 Thermal Discharging
SRD211	6	'311415651_/438762753'		10	10	10	0.85	10	10	2.08 No	0.85 Thermal Discharging
SRD211	7	'426793162_/311415649'		10	10	10	0.85	10	10	2.08 No	0.85 Thermal Discharging
SRD211	8	'311415652_/426793164'		10	10	10	0.85	10	10	2.08 No	0.85 Thermal Discharging
SRD211	9	'311415861_/311415868'		10	10	10	0.85	10	10	2.08 No	0.85 Thermal Discharging
SRD211	10	'426793122_/311415859'		10	10	10	0.85	10	10	2.08 No	0.85 Thermal Discharging
SRD211	11	'311415839_/426793124'		10	10	10	0.85	10	10	2.08 No	0.85 Thermal Discharging
SRD211	12	'426793102_/311415837'		10	10	10	0.85	10	10	2.08 No	0.85 Thermal Discharging
SRD211	13	'311415820_/426793104'		10	10	10	0.85	10	10	2.08 No	0.85 Thermal Discharging
SRD211	14	'426793082_/311415818'		10	10	10	0.85	10	10	2.08 No	0.85 Thermal Discharging
SRD211	15	'311415804_/426793084'		10	10	10	0.85	10	10	2.08 No	0.85 Thermal Discharging
SRD211	16	'426793062_/311415802'		10	10	10	0.85	10	10	2.08 No	0.85 Thermal Discharging
SRD211	17	'311415788_/426793064'		10	10	10	0.85	10	10	2.08 No	0.85 Thermal Discharging
SRD211	18	'426793042_/311415786'		10	10	10	0.85	10	10	2.08 No	0.85 Thermal Discharging
SRD211	19	'311415772_/426793044'		10	10	10	0.85	10	10	2.08 No	0.85 Thermal Discharging
SRD211	20	'426793022_/311415770'		10	10	10	0.85	10	10	2.08 No	0.85 Thermal Discharging
SRD211	21	'311415756_/426793024'		10	10	10	0.85	10	10	2.08 No	0.85 Thermal Discharging
SRD211	22	'426793002_/311415754'		10	10	10	0.85	10	10	2.08 No	0.85 Thermal Discharging
SRD211	23	'311415734_/426793004'		10	10	10	0.85	10	10	2.08 No	0.85 Thermal Discharging
SRD211	24	'426792982_/311415732'		10	10	10	0.85	10	10	2.08 No	0.85 Thermal Discharging
SRD211	25	'311415718_/426792984'		10	10	10	0.85	10	10	2.08 No	0.85 Thermal Discharging
SRD211	26	'426792962_/311415716'		10	10	10	0.85	10	10	2.08 No	0.85 Thermal Discharging
SRD211	27	'311415719_/426792964'		10	10	10	0.85	10	10	2.08 No	0.85 Thermal Discharging
SRD211	28	'426792942_/311416851'		10	10	10	0.85	10	10	2.08 No	0.85 Thermal Discharging
SRD211	29	'311416854_/426792944'		10	10	10	0.85	10	10	2.08 No	0.85 Thermal Discharging
SRD211	30	'311415685_/311416860'		10	10	10	0.85	10	10	2.08 No	0.85 Thermal Discharging
SRD211	31	'311415686_/311415683'		10	10	10	0.85	10	10	2.08 No	0.85 Thermal Discharging
SRD211	32	'311416821_/311416818'		10	10	10	0.85	10	10	2.08 No	0.85 Thermal Discharging
SRD211	33	'311416836_/311416833'		10	10	10	0.85	10	10	2.08 No	0.85 Thermal Discharging
SRD211	34	'311416811_/311416842'		10	10	10	0.85	10	10	2.08 No	0.85 Thermal Discharging
SRD211	35	'311416802_/311416809'		10	10	10	0.85	10	10	2.08 No	0.85 Thermal Discharging
SRD211	36	'311416787_/311416800'		10	10	10	0.85	10	10	2.08 No	0.85 Thermal Discharging
SRD211	37	'311416778_/311416785'		10	10	10	0.85	10	10	2.08 No	0.85 Thermal Discharging
SRD211	38	'311416769_/311416776'		10	10	10	0.85	10	10	2.08 No	0.85 Thermal Discharging
SRD211	39	'311416760_/311416767'		10	10	10	0.85	10	10	2.08 No	0.85 Thermal Discharging
SRD211	40	'311416751_/311416758'		10	10	10	0.85	10	10	2.08 No	0.85 Thermal Discharging
SRD211	41	'311416736_/311416749'		10	10	10	0.85	10	10	2.08 No	0.85 Thermal Discharging
SRD211	42	'311416727_/311416734'		10	10	10	0.85	10	10	2.08 No	0.85 Thermal Discharging
SRD211	43	'311416718_/311416725'		10	10	10	0.85	10	10	2.08 No	0.85 Thermal Discharging
SRD211	44	'311416709_/311416716'		10	10	10	0.85	10	10	2.08 No	0.85 Thermal Discharging
SRD211	45	'311416700_/311416707'		10	10	10	0.85	10	10	2.08 No	0.85 Thermal Discharging
SRD211	46	'311416685_/311416698'		10	10	10	0.85	10	10	2.08 No	0.85 Thermal Discharging
SRD211	47	'311416676_/311416683'		10	10	10	0.85	10	10	2.08 No	0.85 Thermal Discharging
SRD211	48	'311416667_/311416674'		10	10	10	0.85	10	10	2.08 No	0.85 Thermal Discharging
SRD211	49	'311416658_/311416665'		10	10	10	0.85	10	10	2.08 No	0.85 Thermal Discharging
SRD211	50	'311416643_/311416656'		10	10	10	0.85	10	10	2.08 No	0.85 Thermal Discharging
SRD211	51	'311415886_/311416641'		10	10	10	0.85	10	10	2.08 No	0.85 Thermal Discharging
SRD211	52	'311470541_/311415884_1'	3.33		3.33	3.33	0.28	0.8	3.33	0.69 No	0.28 Thermal Discharging
SRD211	53	'311415900_/311415897'		10	10	10	0.85	10	10	2.08 No	0.85 Thermal Discharging
SRD211	54	'311470692_/311416136_1'		10	10	10	0.85	10	10	2.08 No	0.85 Thermal Discharging
SRD211	55	'311416139_/311416136_2'		10	10	10	0.85	10	10	2.08 No	0.85 Thermal Discharging
SRD211	56	'311415887_/311415884_2'	3.33		3.33	3.33	0.28	0.8	3.33	0.69 No	0.28 Thermal Discharging
SRD211	57	'311422941_/311422938'		10	10	10	0.85	10	10	2.08 No	0.85 Thermal Discharging
SRD211	58	'311416122_/311416145'		10	10	10	0.85	10	10	2.08 No	0.85 Thermal Discharging
SRD211	59	'311416871_/311422947'		10	10	10	0.85	10	10	2.08 No	0.85 Thermal Discharging
SRD211	60	'311416106_/311416120'		10	10	10	0.85	10	10	2.08 No	0.85 Thermal Discharging
SRD211	61	'311416872_/311416869'		10	10	10	0.85	10	10	2.08 No	0.85 Thermal Discharging
SRD211	62	'311416090_/311416104'		10	10	10	0.85	10	10	2.08 No	0.85 Thermal Discharging
SRD211	63	'311416887_/311416884'		10	10	10	0.85	10	10	2.08 No	0.85 Thermal Discharging
SRD211	64	'311416074_/311416088'		10	10	10	0.85	10	10	2.08 No	0.85 Thermal Discharging
SRD211	65	'311416896_/311416893'		10	10	10	0.85	10	10	2.08 No	0.85 Thermal Discharging
SRD211	66	'311416058_/311416072'		10	10	10	0.85	10	10	2.08 No	0.85 Thermal Discharging
SRD211	67	'311416905_/311416902'		10	10	10	0.85	10	10	2.08 No	0.85 Thermal Discharging
SRD211	68	'311416042_/311416056'		10	10	10	0.85	10	10	2.08 No	0.85 Thermal Discharging
SRD211	69	'311416914_/311416911'		10	10	10	0.85	10	10	2.08 No	0.85 Thermal Discharging
SRD211	70	'311416017_/311416040'		10	10	10	0.85	10	10	2.08 No	0.85 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SRD211	71	'311465499_/_311416920_1'	10	10	10	10	0.85	10	10	2.08 No	0.85 Thermal Discharging
SRD211	72	'311416923_/_311416920_2'	10	10	10	10	0.85	10	10	2.08 No	0.85 Thermal Discharging
SRD211	73	'311416001_/_311416015'	10	10	10	10	0.85	10	10	2.08 No	0.85 Thermal Discharging
SRD211	74	'311417013_/_311417010'	10	10	10	10	0.85	10	10	2.08 No	0.85 Thermal Discharging
SRD211	75	'311415985_/_311415999'	10	10	10	10	0.85	10	10	2.08 No	0.85 Thermal Discharging
SRD211	76	'311417003_/_311417019'	10	10	10	10	0.85	10	10	2.08 No	0.85 Thermal Discharging
SRD211	77	'311415969_/_311415983'	10	10	10	10	0.85	10	10	2.08 No	0.85 Thermal Discharging
SRD211	78	'311416988_/_311417001'	10	10	10	10	0.85	10	10	2.08 No	0.85 Thermal Discharging
SRD211	79	'311415953_/_311415967'	10	10	10	10	0.85	10	10	2.08 No	0.85 Thermal Discharging
SRD211	80	'311415944_/_311415951'	10	10	10	10	0.85	10	10	2.08 No	0.85 Thermal Discharging
SRD211	81	'311416979_/_311416986'	10	10	10	10	0.85	10	10	2.08 No	0.85 Thermal Discharging
SRD211	82	'350931490_/_311422906_1'	10	10	10	10	0.85	2.5	10	2.08 No	0.85 Thermal Discharging
SRD211	83	'311415935_/_311415942'	10	10	10	10	0.85	10	10	2.08 No	0.85 Thermal Discharging
SRD211	84	'350931483_/_311422888_1'	10	10	10	10	0.85	2.5	10	2.08 No	0.85 Thermal Discharging
SRD211	85	'311415926_/_311415933'	10	10	10	10	0.85	10	10	2.08 No	0.85 Thermal Discharging
SRD211	86	'311470844_/_311422906_2'	10	10	10	10	0.85	2.5	10	2.08 No	0.85 Thermal Discharging
SRD211	87	'311415927_/_311415924'	10	10	10	10	0.85	10	10	2.08 No	0.85 Thermal Discharging
SRD211	88	'350931432_/_311422870_1'	10	10	10	10	0.85	2.5	10	2.08 No	0.85 Thermal Discharging
SRD211	89	'311422909_/_311422906_3'	10	10	10	10	0.85	2.5	10	2.08 No	0.85 Thermal Discharging
SRD211	90	'311470795_/_311422888_2'	10	10	10	10	0.85	2.5	10	2.08 No	0.85 Thermal Discharging
SRD211	91	'311422891_/_311422888_3'	10	10	10	10	0.85	2.5	10	2.08 No	0.85 Thermal Discharging
SRD211	92	'311416970_/_311416977'	10	10	10	10	0.85	10	10	2.08 No	0.85 Thermal Discharging
SRD211	93	'311470746_/_311422870_2'	10	10	10	10	0.85	2.5	10	2.08 No	0.85 Thermal Discharging
SRD211	94	'368014792_/_311416968_1'	10	10	10	10	0.85	10	10	2.08 No	0.85 Thermal Discharging
SRD211	95	'311470857_/_311422915_1'	10	10	10	10	0.85	2.5	10	2.08 No	0.85 Thermal Discharging
SRD211	96	'311422873_/_311422870_3'	10	10	10	10	0.85	2.5	10	2.08 No	0.85 Thermal Discharging
SRD211	97	'311416600_/_311422915_2'	10	10	10	10	0.85	2.5	10	2.08 No	0.85 Thermal Discharging
SRD211	98	'311470808_/_311422897_1'	10	10	10	10	0.85	2.5	10	2.08 No	0.85 Thermal Discharging
SRD211	99	'311416582_/_311422897_2'	10	10	10	10	0.85	2.5	10	2.08 No	0.85 Thermal Discharging
SRD211	100	'311470759_/_311422879_1'	10	10	10	10	0.85	2.5	10	2.08 No	0.85 Thermal Discharging
SRD211	101	'311416564_/_311422879_2'	10	10	10	10	0.85	2.5	10	2.08 No	0.85 Thermal Discharging
SRD211	102	'311416601_/_311416598'	10	10	10	10	0.85	2.5	10	2.08 No	0.85 Thermal Discharging
SRD211	103	'311416583_/_311416580'	10	10	10	10	0.85	2.5	10	2.08 No	0.85 Thermal Discharging
SRD211	104	'311416961_/_311416968_2'	10	10	10	10	0.85	10	10	2.08 No	0.85 Thermal Discharging
SRD211	105	'311416565_/_311416562'	10	10	10	10	0.85	2.5	10	2.08 No	0.85 Thermal Discharging
SRD211	106	'311416946_/_311416959'	10	10	10	10	0.85	10	10	2.08 No	0.85 Thermal Discharging
SRD211	107	'311416937_/_311416944'	10	10	10	10	0.85	10	10	2.08 No	0.85 Thermal Discharging
SRD211	108	'311416242_/_311416935'	10	10	10	10	0.85	10	10	2.08 No	0.85 Thermal Discharging
SRD211	109	'350931281_/_311416343_1'	3.33	3.33	3.33	3.33	0.28	0.8	3.33	0.69 No	0.28 Thermal Discharging
SRD211	110	'311416243_/_311416240'	10	10	10	10	0.85	10	10	2.08 No	0.85 Thermal Discharging
SRD211	111	'311416257_/_311416343_2'	3.33	3.33	3.33	3.33	0.28	0.8	3.33	0.69 No	0.28 Thermal Discharging
SRD211	112	'311417127_/_311417124'	10	10	10	10	0.85	10	10	2.08 No	0.85 Thermal Discharging
SRD211	113	'311417142_/_311417139'	10	10	10	10	0.85	10	10	2.08 No	0.85 Thermal Discharging
SRD211	114	'311416258_/_311416255'	3.33	3.33	3.33	3.33	0.28	0.8	3.33	0.69 No	0.28 Thermal Discharging
SRD211	115	'311417117_/_311417148'	10	10	10	10	0.85	10	10	2.08 No	0.85 Thermal Discharging
SRD211	116	'311417108_/_311417115'	10	10	10	10	0.85	10	10	2.08 No	0.85 Thermal Discharging
SRD211	117	'311416271_/_311416268'	3.33	3.33	3.33	3.33	0.28	0.8	3.33	0.69 No	0.28 Thermal Discharging
SRD211	118	'311417090_/_311417106'	10	10	10	10	0.85	10	10	2.08 No	0.85 Thermal Discharging
SRD211	119	'311417091_/_311417088'	10	10	10	10	0.85	10	10	2.08 No	0.85 Thermal Discharging
SRD211	120	'311416295_/_311416292'	3.33	3.33	3.33	3.33	0.28	0.8	3.33	0.69 No	0.28 Thermal Discharging
SRD211	121	'311417075_/_311417097'	10	10	10	10	0.85	10	10	2.08 No	0.85 Thermal Discharging
SRD211	122	'311417066_/_311417073'	10	10	10	10	0.85	10	10	2.08 No	0.85 Thermal Discharging
SRD211	123	'311416324_/_311416329'	3.33	3.33	3.33	3.33	0.28	0.8	3.33	0.69 No	0.28 Thermal Discharging
SRD211	124	'311417057_/_311417064'	10	10	10	10	0.85	10	10	2.08 No	0.85 Thermal Discharging
SRD211	125	'311416325_/_311416322'	3.33	3.33	3.33	3.33	0.28	0.8	3.33	0.69 No	0.28 Thermal Discharging
SRD211	126	'311417048_/_311417055'	10	10	10	10	0.85	10	10	2.08 No	0.85 Thermal Discharging
SRD211	127	'311417039_/_311417046'	10	10	10	10	0.85	10	10	2.08 No	0.85 Thermal Discharging
SRD211	128	'311417030_/_311417037'	10	10	10	10	0.85	10	10	2.08 No	0.85 Thermal Discharging
SRD211	129	'311416359_/_311417028'	10	10	10	10	0.85	10	10	2.08 No	0.85 Thermal Discharging
SRD211	130	'311416360_/_311416357'	10	10	10	10	0.85	10	10	2.08 No	0.85 Thermal Discharging
SRD211	131	'311417160_/_311417157'	10	10	10	10	0.85	10	10	2.08 No	0.85 Thermal Discharging
SRD211	132	'311417169_/_311417166'	10	10	10	10	0.85	10	10	2.08 No	0.85 Thermal Discharging
SRD211	133	'311417178_/_311417175'	10	10	10	10	0.85	10	10	2.08 No	0.85 Thermal Discharging
SRD211	134	'311417187_/_311417184'	10	10	10	10	0.85	10	10	2.08 No	0.85 Thermal Discharging
SRD211	135	'311417196_/_311417193'	10	10	10	10	0.85	10	10	2.08 No	0.85 Thermal Discharging
SRD211	136	'311417205_/_311417202'	10	10	10	10	0.85	10	10	2.08 No	0.85 Thermal Discharging
SRD211	137	'311417220_/_311417217'	10	10	10	10	0.85	10	10	2.08 No	0.85 Thermal Discharging
SRD211	138	'311416440_/_311417226'	10	10	10	10	0.85	10	10	2.08 No	0.85 Thermal Discharging
SRD211	139	'311416441_/_311416438'	10	10	10	10	0.85	10	10	2.08 No	0.85 Thermal Discharging
SRD211	140	'311416457_/_311416454'	10	10	10	10	0.85	10	10	2.08 No	0.85 Thermal Discharging
SRD211	141	'311416386_/_311416463'	10	10	10	10	0.85	10	10	2.08 No	0.85 Thermal Discharging
SRD211	142	'317816248_/_311416384_1'	3.33	3.33	3.33	3.33	0.28	0.1	3.33	0.69 No	0.1 Element Fault
SRD211	143	'317816264_/_311416384_2'	3.33	3.33	3.33	3.33	0.28	0.1	3.33	0.69 No	0.1 Element Fault
SRD211	144	'311416399_/_311416396'	10	10	10	10	0.85	10	10	2.08 No	0.85 Thermal Discharging
SRD211	145	'311416408_/_311416405'	10	10	10	10	0.85	10	10	2.08 No	0.85 Thermal Discharging
SRD211	146	'447744797_/_447744799'	10	10	10	10	0.85	10	10	2.08 No	0.85 Thermal Discharging
SRD211	147	'426792657_/_426792674'	10	10	10	10	0.85	10	10	2.08 No	0.85 Thermal Discharging
SRD211	148	'426792639_/_426792654'	10	10	10	10	0.85	10	10	2.08 No	0.85 Thermal Discharging
SRD211	149	'426792621_/_426792636'	10	10	10	10	0.85	10	10	2.08 No	0.85 Thermal Discharging
SRD211	150	'311422733_/_426792618'	10	10	10	10	0.85	10	10	2.08 No	0.85 Thermal Discharging
SRD211	151	'426792548_/_426792605'	10	10	10	10	0.85	10	10	2.08 No	0.85 Thermal Discharging
SRD211	152	'426792407_/_426792545'	10	10	10	10	0.85	10	10	2.08 No	0.85 Thermal Discharging
SRD211	153	'426792383_/_426792404'	10	10	10	10	0.85	10	10	2.08 No	0.85 Thermal Discharging
SRD211	154	'426792329_/_426792380'	10	10	10	10	0.85	10	10	2.08 No	0.85 Thermal Discharging
SRD211	155	'426792311_/_426792326'	10	10	10	10	0.85	10	10	2.08 No	0.85 Thermal Discharging
SRD211	156	'426792254_/_426792308'	10	10	10	10	0.85	10	10	2.08 No	0.85 Thermal Discharging
SRD211	157	'426792234_/_426792251'	10	10	10	10	0.85	10	10	2.08 No	0.85 Thermal Discharging
SRD211	158	'426792154_/_426792231'	10	10	10	10	0.85	10	10	2.08 No	0.85 Thermal Discharging
SRD211	159	'426792134_/_426792151'	10	10	10	10	0.85	10	10	2.08 No	0.85 Thermal Discharging
SRD211	160	'426792067_/_426792131'	10	10	10	10	0.85	10	10	2.08 No	0.85 Thermal Discharging
SRD211	161	'426792010_/_426792064'	10	10	10	10	0.85	10	10	2.08 No	0.85 Thermal Discharging
SRD211	162	'447744823_/_426792007'	10	10	10	10	0.85	10	10	2.08 No	0.85 Thermal Discharging
SRD211	163	'426791843_/_426791860'	10	10	10	10	0.85	10	10	2.08 No	0.85 Thermal Discharging
SRD211	164	'426791823_/_426791840'	10	10	10	10	0.85	10	10	2.08 No	0.85 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SRD211	165	'426791805_/426791820'	10	10	10	0.85	10	10	2.08 No	0.85	Thermal Discharging
SRD211	166	'426791787_/426791802'	10	10	10	0.85	10	10	2.08 No	0.85	Thermal Discharging
SRD211	167	'426791767_/426791784'	10	10	10	0.85	10	10	2.08 No	0.85	Thermal Discharging
SRD211	168	'426791589_/426791764'	10	10	10	0.85	10	10	2.08 No	0.85	Thermal Discharging
SRD211	169	'426791569_/426791586'	10	10	10	0.85	10	10	2.08 No	0.85	Thermal Discharging
SRD211	170	'426791549_/426791566'	10	10	10	0.85	10	10	2.08 No	0.85	Thermal Discharging
SRD211	171	'426791531_/426791546'	10	10	10	0.85	10	10	2.08 No	0.85	Thermal Discharging
SRD211	172	'311418272_/426791528'	10	10	10	0.85	10	10	2.08 No	0.85	Thermal Discharging
SRD211	173	'311418306_/426791515'	10	10	10	0.85	10	10	2.08 No	0.85	Thermal Discharging
SRD211	174	'311418305_/426791481'	10	10	10	0.85	10	10	2.08 No	0.85	Thermal Discharging
SRD211	175	'350931098_/311418327_1'	10	10	10	0.85	2.5	10	2.08 No	0.85	Thermal Discharging
SRD211	176	'311418330_/311418327_2'	10	10	10	0.85	2.5	10	2.08 No	0.85	Thermal Discharging
SRD211	177	'311418371_/311418368'	10	10	10	0.85	10	10	2.08 No	0.85	Thermal Discharging
SRD211	178	'311419027_/311419034'	10	10	10	0.85	10	10	2.08 No	0.85	Thermal Discharging
SRD211	179	'311418977_/311419025'	10	10	10	0.85	10	10	2.08 No	0.85	Thermal Discharging
SRD211	180	'311418356_/311418353'	10	10	10	0.85	2.5	10	2.08 No	0.85	Thermal Discharging
SRD211	181	'317816447_/311418990_1'	10	10	10	0.85	2.6	10	2.08 No	0.85	Thermal Discharging
SRD211	182	'311418414_/311418990_2'	10	10	10	0.85	2.6	10	2.08 No	0.85	Thermal Discharging
SRD211	183	'317816474_/311418412_1'	10	10	10	0.85	2.9	10	2.08 No	0.85	Thermal Discharging
SRD211	184	'311418432_/311418975'	10	10	10	0.85	10	10	2.08 No	0.85	Thermal Discharging
SRD211	185	'311418433_/311418430'	10	10	10	0.85	10	10	2.08 No	0.85	Thermal Discharging
SRD211	186	'311416628_/311419123'	10	10	10	0.85	2.5	10	2.08 No	0.85	Thermal Discharging
SRD211	187	'317816440_/311418950_1'	10	10	10	0.85	2.9	10	2.08 No	0.85	Thermal Discharging
SRD211	188	'311418415_/311418950_2'	10	10	10	0.85	2.9	10	2.08 No	0.85	Thermal Discharging
SRD211	189	'311418460_/311418457'	10	10	10	0.85	10	10	2.08 No	0.85	Thermal Discharging
SRD211	190	'311416629_/311416626'	10	10	10	0.85	2.5	10	2.08 No	0.85	Thermal Discharging
SRD211	191	'311419098_/311419095'	10	10	10	0.85	10	10	2.08 No	0.85	Thermal Discharging
SRD211	192	'311418925_/311419148'	10	10	10	0.85	8.3	10	2.08 No	0.85	Thermal Discharging
SRD211	193	'311418542_/311419139'	10	10	10	0.85	8.3	10	2.08 No	0.85	Thermal Discharging
SRD211	194	'350930989_/311418540_1'	10	10	10	0.85	2.6	10	2.08 No	0.85	Thermal Discharging
SRD211	195	'311418543_/311418540_2'	10	10	10	0.85	2.6	10	2.08 No	0.85	Thermal Discharging
SRD211	196	'311418552_/311418549'	10	10	10	0.85	2.6	10	2.08 No	0.85	Thermal Discharging
SRD211	197	'311418480_/311418923'	10	10	10	0.85	8.2	10	2.08 No	0.85	Thermal Discharging
SRD211	198	'317816465_/311418478_1'	10	10	10	0.85	2.9	10	2.08 No	0.85	Thermal Discharging
SRD211	199	'311418481_/311418478_2'	10	10	10	0.85	2.9	10	2.08 No	0.85	Thermal Discharging
SRD211	200	'383112562_/383111942_2'	10	10	10	0.85	0.9	9.35	2.08 No	0.85	Thermal Discharging
SRD211	201	'383112503_/383111942_1'	10	10	10	0.85	0.9	9.34	2.08 No	0.85	Thermal Discharging
SRD211	202	'383111965_/383112505'	10	10	10	0.85	0.9	9.34	2.08 No	0.85	Thermal Discharging
SRD211	203	'383112235_/383112011_1'	10	10	10	0.85	0.9	9.33	2.08 No	0.85	Thermal Discharging
SRD211	204	'383112270_/383112011_2'	10	10	10	0.85	0.9	9.26	2.08 No	0.85	Thermal Discharging
SRD211	205	'311467289_/311418591_1'	10	10	10	0.85	1.4	8.62	2.08 No	0.85	Thermal Discharging
SRD211	206	'311418594_/311418591_2'	10	10	10	0.85	1.4	8.57	2.08 No	0.85	Thermal Discharging
SRD211	207	'341317378_/311420938_1'	6.67	6.67	6.67	0.57	0.5	5.7	1.39 No	0.5	Element Fault
SRD211	208	'311469473_/311420400_1'	10	10	10	0.1	1.4	8.52	1.73 No	0.1	Thermal Discharging
SRD211	209	'311420403_/311420400_2'	10	10	10	0.1	1.4	8.52	1.73 No	0.1	Thermal Discharging
SRD211	210	'311420941_/311420938_2'	6.67	6.67	6.67	0.57	0.5	5.65	1.39 No	0.5	Element Fault
SRD211	211	'311420418_/311420415'	10	10	10	0.1	1.4	8.47	1.73 No	0.1	Thermal Discharging
SRD211	212	'311420427_/311420424'	10	10	10	0.1	1.4	8.4	1.73 No	0.1	Thermal Discharging
SRD211	213	'311419893_/311420433'	10	10	10	0.1	1.4	8.32	1.73 No	0.1	Thermal Discharging
SRD211	214	'311418636_/311420946'	6.67	6.67	6.67	0.57	0.5	5.55	1.39 No	0.5	Element Fault
SRD211	215	'311420451_/311420448'	10	10	10	0.1	1.4	8.29	1.73 No	0.1	Thermal Discharging
SRD211	216	'311469584_/311419890_2'	10	10	10	0.1	1.4	8.28	1.73 No	0.1	Thermal Discharging
SRD211	217	'311420865_/311420862'	3.33	3.33	3.33	0.03	0.47	2.76	0.58 No	0.03	Thermal Discharging
SRD211	218	'311419884_/311419890_1'	10	10	10	0.1	1.4	8.27	1.73 No	0.1	Thermal Discharging
SRD211	219	'311419902_/311419899'	10	10	10	0.1	1.4	8.24	1.73 No	0.1	Thermal Discharging
SRD211	220	'311419869_/311419881'	10	10	10	0.1	1.4	8.22	1.73 No	0.1	Thermal Discharging
SRD211	221	'311418623_/311418633'	6.67	6.67	6.67	0.57	0.5	5.48	1.39 No	0.5	Element Fault
SRD211	222	'311420963_/311420960'	6.67	6.67	6.67	0.57	0.5	5.46	1.39 No	0.5	Element Fault
SRD211	223	'393115152_/311419866'	10	10	10	0.1	1.4	8.15	1.73 No	0.1	Thermal Discharging
SRD211	224	'311419851_/311419857'	10	10	10	0.1	1.4	8.13	1.73 No	0.1	Thermal Discharging
SRD211	225	'311419917_/311419914'	10	10	10	0.1	1.4	8.13	1.73 No	0.1	Thermal Discharging
SRD211	226	'311420971_/311420968'	3.33	3.33	3.33	0.28	0.25	2.7	0.69 No	0.25	Element Fault
SRD211	227	'311419836_/311419848'	10	10	10	0.1	1.4	8.09	1.73 No	0.1	Thermal Discharging
SRD211	228	'311419926_/311419923'	10	10	10	0.1	1.4	8.07	1.73 No	0.1	Thermal Discharging
SRD211	229	'311419821_/311419833'	10	10	10	0.1	1.4	8.04	1.73 No	0.1	Thermal Discharging
SRD211	230	'311418609_/311418620'	3.33	3.33	3.33	0.28	0.25	2.67	0.69 No	0.25	Element Fault
SRD211	231	'311419812_/311419818'	10	10	10	0.1	1.4	7.99	1.73 No	0.1	Thermal Discharging
SRD211	232	'311419935_/311419932'	10	10	10	0.1	1.4	7.99	1.73 No	0.1	Thermal Discharging
SRD211	233	'311420173_/311420170'	6.67	6.67	6.67	0.07	0.93	5.29	1.15 No	0.07	Thermal Discharging
SRD211	234	'311419797_/311419809'	10	10	10	0.1	1.4	7.93	1.73 No	0.1	Thermal Discharging
SRD211	235	'311419950_/311419947'	10	10	10	0.1	1.4	7.92	1.73 No	0.1	Thermal Discharging
SRD211	236	'311418608_/311418606'	3.33	3.33	3.33	0.28	0.25	2.63	0.69 No	0.25	Element Fault
SRD211	237	'464909955_/457697572_1'	3.33	3.33	3.33	0.03	0.1	2.63	0.58 No	0.03	Thermal Discharging
SRD211	238	'311420215_/311420212'	3.33	3.33	3.33	0.03	0.47	2.61	0.58 No	0.03	Thermal Discharging
SRD211	239	'311420187_/311420184'	6.67	6.67	6.67	0.07	0.93	5.21	1.15 No	0.07	Thermal Discharging
SRD211	240	'311419959_/311419956'	3.33	3.33	3.33	0.03	0.47	2.61	0.58 No	0.03	Thermal Discharging
SRD211	241	'311419504_/311419794'	10	10	10	0.1	1.4	7.81	1.73 No	0.1	Thermal Discharging
SRD211	242	'311420579_/311420576'	10	10	10	0.1	1.4	7.81	1.73 No	0.1	Thermal Discharging
SRD211	243	'311419540_/311420533'	3.33	3.33	3.33	0.03	0.3	2.59	0.58 No	0.03	Thermal Discharging
SRD211	244	'311419505_/311419502'	10	10	10	0.1	1.4	7.74	1.73 No	0.1	Thermal Discharging
SRD211	245	'350930717_/311419538_1'	3.33	3.33	3.33	0.03	0.1	2.59	0.58 No	0.03	Thermal Discharging
SRD211	246	'311419972_/311419969'	3.33	3.33	3.33	0.03	0.47	2.58	0.58 No	0.03	Thermal Discharging
SRD211	247	'311419611_/311419608'	10	10	10	0.1	1.4	7.71	1.73 No	0.1	Thermal Discharging
SRD211	248	'311419376_/311419511'	10	10	10	0.1	1.4	7.69	1.73 No	0.1	Thermal Discharging
SRD211	249	'311419195_/311420591'	10	10	10	0.1	1.4	7.7	1.73 No	0.1	Thermal Discharging
SRD211	250	'676942743_/676942673_1'	10	10	10	0.1	0.3	7.7	1.73 No	0.1	Thermal Discharging
SRD211	251	'311419620_/311419617'	10	10	10	0.1	1.4	7.68	1.73 No	0.1	Thermal Discharging
SRD211	252	'676942738_/676942673_2'	10	10	10	0.1	0.3	7.69	1.73 No	0.1	Thermal Discharging
SRD211	253	'338365590_/311419976_1'	3.33	3.33	3.33	0.03	0.1	2.55	0.58 No	0.03	Thermal Discharging
SRD211	254	'311419552_/311419976_2'	3.33	3.33	3.33	0.03	0.1	2.55	0.58 No	0.03	Thermal Discharging
SRD211	255	'311419183_/457697572_2'	3.33	3.33	3.33	0.03	0.1	2.55	0.58 No	0.03	Thermal Discharging
SRD211	256	'311419678_/311419675'	10	10	10	0.1	1.4	7.62	1.73 No	0.1	Thermal Discharging
SRD211	257	'311420603_/311420600'	10	10	10	0.1	1.4	7.62	1.73 No	0.1	Thermal Discharging
SRD211	258	'311419214_/311419374'	10	10	10	0.1	1.4	7.6	1.73 No	0.1	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SRD211	259	'311419553_311419550'	3.33	3.33	3.33	0.03	0.1	2.53	0.58 No	0.03	Thermal Discharging
SRD211	260	'311419361_311419399'	10	10	10	0.1	1.4	7.53	1.73 No	0.1	Thermal Discharging
SRD211	261	'311419541_311419538_2'	3.33	3.33	3.33	0.03	0.1	2.51	0.58 No	0.03	Thermal Discharging
SRD211	262	'311419461_311419458'	3.33	3.33	3.33	0.03	0.47	2.51	0.58 No	0.03	Thermal Discharging
SRD211	263	'311420612_311420609'	10	10	10	0.1	1.4	7.53	1.73 No	0.1	Thermal Discharging
SRD211	264	'311419213_311419211'	3.33	3.33	3.33	0.03	0.47	2.5	0.58 No	0.03	Thermal Discharging
SRD211	265	'311419308_311419359'	10	10	10	0.1	1.4	7.45	1.73 No	0.1	Thermal Discharging
SRD211	266	'311419700_311419704'	3.33	3.33	3.33	0.03	0.47	2.48	0.58 No	0.03	Thermal Discharging
SRD211	267	'311419184_457697583'	3.33	3.33	3.33	0.03	0.1	2.48	0.58 No	0.03	Thermal Discharging
SRD211	268	'311420627_311420624'	10	10	10	0.1	1.4	7.45	1.73 No	0.1	Thermal Discharging
SRD211	269	'311419220_311419218'	3.33	3.33	3.33	0.03	0.47	2.47	0.58 No	0.03	Thermal Discharging
SRD211	270	'311419309_311419306'	10	10	10	0.1	1.4	7.38	1.73 No	0.1	Thermal Discharging
SRD211	271	'311419693_311419697'	3.33	3.33	3.33	0.03	0.47	2.44	0.58 No	0.03	Thermal Discharging
SRD211	272	'311420636_311420633'	10	10	10	0.1	1.4	7.34	1.73 No	0.1	Thermal Discharging
SRD211	273	'311419423_311419433'	3.33	3.33	3.33	0.03	0.47	2.43	0.58 No	0.03	Thermal Discharging
SRD211	274	'311468573_457697594_1'	3.33	3.33	3.33	0.03	0.1	2.43	0.58 No	0.03	Thermal Discharging
SRD211	275	'311420645_311420642'	10	10	10	0.1	1.4	7.3	1.73 No	0.1	Thermal Discharging
SRD211	276	'311418747_311419690'	3.33	3.33	3.33	0.03	0.47	2.42	0.58 No	0.03	Thermal Discharging
SRD211	277	'311422848_311422846'	3.33	3.33	3.33	0.03	0.1	2.43	0.58 No	0.03	Thermal Discharging
SRD211	278	'311421925_311421952'	10	10	10	0.1	1.4	7.26	1.73 No	0.1	Thermal Discharging
SRD211	279	'311418734_311418744'	3.33	3.33	3.33	0.03	0.47	2.41	0.58 No	0.03	Thermal Discharging
SRD211	280	'311419565_311419562'	3.33	3.33	3.33	0.03	0.1	2.41	0.58 No	0.03	Thermal Discharging
SRD211	281	'311419113_311419420'	3.33	3.33	3.33	0.03	0.47	2.4	0.58 No	0.03	Thermal Discharging
SRD211	282	'311418775_311419110'	3.33	3.33	3.33	0.03	0.47	2.39	0.58 No	0.03	Thermal Discharging
SRD211	283	'311420654_311420651'	10	10	10	0.1	1.4	7.17	1.73 No	0.1	Thermal Discharging
SRD211	284	'311418706_311418731'	3.33	3.33	3.33	0.03	0.47	2.38	0.58 No	0.03	Thermal Discharging
SRD211	285	'311469332_311420789_1'	10	10	10	0.1	0.3	7.15	1.73 No	0.1	Thermal Discharging
SRD211	286	'311421970_311421967'	10	10	10	0.1	1.4	7.11	1.73 No	0.1	Thermal Discharging
SRD211	287	'311420669_311420666'	10	10	10	0.1	1.4	7.11	1.73 No	0.1	Thermal Discharging
SRD211	288	'316495761_311420827_2'	3.33	3.33	3.33	0.03	0.1	2.36	0.58 No	0.03	Thermal Discharging
SRD211	289	'311418705_311418703'	3.33	3.33	3.33	0.03	0.47	2.35	0.58 No	0.03	Thermal Discharging
SRD211	290	'311420829_311420827_1'	3.33	3.33	3.33	0.03	0.1	2.35	0.58 No	0.03	Thermal Discharging
SRD211	291	'311420792_311420789_2'	10	10	10	0.1	0.3	7.07	1.73 No	0.1	Thermal Discharging
SRD211	292	'311421940_311421937'	10	10	10	0.1	1.4	7.05	1.73 No	0.1	Thermal Discharging
SRD211	293	'311421916_311421922'	10	10	10	0.1	1.4	7.04	1.73 No	0.1	Thermal Discharging
SRD211	294	'311418774_311418772'	3.33	3.33	3.33	0.03	0.47	2.34	0.58 No	0.03	Thermal Discharging
SRD211	295	'311470201_311422585_1'	10	10	10	0.1	0.3	7.03	1.73 No	0.1	Thermal Discharging
SRD211	296	'311420853_311420850'	3.33	3.33	3.33	0.03	0.1	2.33	0.58 No	0.03	Thermal Discharging
SRD211	297	'311422588_311422585_2'	10	10	10	0.1	0.3	6.95	1.73 No	0.1	Thermal Discharging
SRD211	298	'311421985_311421982'	6.67	6.67	6.67	0.07	0.93	4.61	1.15 No	0.07	Thermal Discharging
SRD211	299	'311419529_311422858'	3.33	3.33	3.33	0.03	0.1	2.28	0.58 No	0.03	Thermal Discharging
SRD211	300	'311421999_311421996'	6.67	6.67	6.67	0.07	0.93	4.51	1.15 No	0.07	Thermal Discharging
SRD211	301	'311421844_311421913'	10	10	10	0.1	1.4	6.77	1.73 No	0.1	Thermal Discharging
SRD211	302	'385692872_311418197'	3.33	3.33	3.33	0.03	0.1	2.22	0.58 No	0.03	Thermal Discharging
SRD211	303	'311421859_311421856'	10	10	10	0.1	1.4	6.6	1.73 No	0.1	Thermal Discharging
SRD211	304	'385692906_385692943'	3.33	3.33	3.33	0.03	0.1	2.19	0.58 No	0.03	Thermal Discharging
SRD211	305	'311421843_311421841'	10	10	10	0.1	1.4	6.56	1.73 No	0.1	Thermal Discharging
SRD211	306	'311422007_311422004'	6.67	6.67	6.67	0.07	0.93	4.35	1.15 No	0.07	Thermal Discharging
SRD211	307	'385692838_385692925'	3.33	3.33	3.33	0.03	0.1	2.15	0.58 No	0.03	Thermal Discharging
SRD211	308	'311421874_311421871'	10	10	10	0.1	1.4	6.44	1.73 No	0.1	Thermal Discharging
SRD211	309	'311418200_385692842'	3.33	3.33	3.33	0.03	0.1	2.11	0.58 No	0.03	Thermal Discharging
SRD211	310	'311422015_311422012'	6.67	6.67	6.67	0.07	0.93	4.22	1.15 No	0.07	Thermal Discharging
SRD211	311	'311421883_311421880'	10	10	10	0.1	1.4	6.28	1.73 No	0.1	Thermal Discharging
SRD211	312	'311422029_311422026'	3.33	3.33	3.33	0.03	0.47	2.09	0.58 No	0.03	Thermal Discharging
SRD211	313	'311421892_311421889'	2.4	10	10	0.1	1.4	6.15	1.73 No	0.1	Thermal Discharging
SRD211	314	'311422042_311422039'	3.33	3.33	3.33	0.03	0.47	2.04	0.58 No	0.03	Thermal Discharging
SRD211	315	'311422049_311422046'	0.9	3.33	3.33	0.03	0.47	2.02	0.58 No	0.03	Thermal Discharging
SRD211	316	'311421901_311421898'	2.1	10	10	0.1	1.4	6.02	1.73 No	0.1	Thermal Discharging
SRD211	317	'311470293_311422115_1'	0.7	3.33	3.33	0.03	0.1	2	0.58 No	0.03	Thermal Discharging
SRD211	318	'311422062_311422059'	0.77	3.33	3.33	0.03	0.47	1.99	0.58 No	0.03	Thermal Discharging
SRD211	319	'311422105_311422102'	0.77	3.33	3.33	0.03	0.47	1.98	0.58 No	0.03	Thermal Discharging
SRD211	320	'311422069_311422066'	0.73	3.33	3.33	0.03	0.47	1.96	0.58 No	0.03	Thermal Discharging
SRD211	321	'311422198_311422244'	1.9	10	10	0.1	1.4	5.92	1.73 No	0.1	Thermal Discharging
SRD211	322	'311422118_311422115_2'	0.67	3.33	3.33	0.03	0.1	1.96	0.58 No	0.03	Thermal Discharging
SRD211	323	'311422199_311422196'	1.8	10	10	0.1	1.4	5.84	1.73 No	0.1	Thermal Discharging
SRD211	324	'311422082_311422079'	0.67	3.33	3.33	0.03	0.47	1.93	0.58 No	0.03	Thermal Discharging
SRD211	325	'350930335_311422687'	0.67	3.33	3.33	0.03	0.47	1.93	0.58 No	0.03	Thermal Discharging
SRD211	326	'311422214_311422211'	1.7	10	10	0.1	1.4	5.77	1.73 No	0.1	Thermal Discharging
SRD211	327	'311422131_311422128'	0.6	3.33	3.33	0.03	0.1	1.92	0.58 No	0.03	Thermal Discharging
SRD211	328	'311422089_311422086'	0.63	3.33	3.33	0.03	0.47	1.9	0.58 No	0.03	Thermal Discharging
SRD211	329	'311422223_311422220'	1.6	10	10	0.1	1.4	5.69	1.73 No	0.1	Thermal Discharging
SRD211	330	'311422690_350930337'	0.57	3.33	3.33	0.03	0.47	1.88	0.58 No	0.03	Thermal Discharging
SRD211	331	'311422232_311422229'	1.5	10	10	0.1	1.4	5.62	1.73 No	0.1	Thermal Discharging
SRD211	332	'311422138_311422135'	0.57	3.33	3.33	0.03	0.1	1.86	0.58 No	0.03	Thermal Discharging
SRD211	333	'311422145_311422142'	0.5	3.33	3.33	0.03	0.1	1.81	0.58 No	0.03	Thermal Discharging
SRD211	334	'311422171_311422168'	0.47	3.33	3.33	0.03	0.1	1.76	0.58 No	0.03	Thermal Discharging
SRD211	335	'311422256_311422253'	0.43	3.33	3.33	0.03	0.1	1.72	0.58 No	0.03	Thermal Discharging
SRD211	336	'311422178_311422175'	0.43	3.33	3.33	0.03	0.1	1.71	0.58 No	0.03	Thermal Discharging
SRD211	337	'311422185_311422182'	0.4	3.33	3.33	0.03	0.1	1.67	0.58 No	0.03	Thermal Discharging
SRD211	338	'311422157_311422189'	0.37	3.33	3.33	0.03	0.1	1.62	0.58 No	0.03	Thermal Discharging
SRD211	339	'311422158_311422155'	0.37	2.13	3.33	0.03	0.1	1.58	0.58 No	0.03	Thermal Discharging
SRD211	340	'317816327_317816212_1'	3.33	0.73	3.33	0.28	0.1	0.58	0.69 No	0.1	Element Fault
SRD211	341	'317816239_317816212_2'	3.33	0.73	3.33	0.28	0.1	0.58	0.69 No	0.1	Element Fault
SRD211	342	'311416387_317816212_3'	3.33	0.73	3.33	0.28	0.1	0.57	0.69 No	0.1	Element Fault
STO001	0	'STO001_3508071'	10	10	10	0.47	4.2	10	4.87 No	0.47	Thermal Discharging
STO001	1	'3508073_3508071'	10	10	10	0.47	4.2	10	2.17 No	0.47	Thermal Discharging
STO001	2	'3508091_3508088'	10	10	10	0.47	4.2	10	2.17 No	0.47	Thermal Discharging
STO001	3	'3516616_3516630'	10	10	10	0.47	4.2	10	2.17 No	0.47	Thermal Discharging
STO001	4	'3516787_3516784'	10	10	10	0.47	4.2	10	2.17 No	0.47	Thermal Discharging
STO001	5	'43332494_3517223'	10	10	10	0.47	4.2	10	2.17 No	0.47	Thermal Discharging
STO001	6	'3517206_43332496'	10	10	10	0.47	4.1	10	2.17 No	0.47	Thermal Discharging
STO001	7	'54130277_3517385'	10	10	10	0.47	4.1	10	2.17 No	0.47	Thermal Discharging
STO001	8	'43332573_54130274'	10	10	10	0.47	4.1	10	2.17 No	0.47	Thermal Discharging
STO001	9	'3517263_3517402'	10	10	10	0.47	4.1	10	2.17 No	0.47	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over- Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
STO001	10	'43332423_/3516614'	3.33		3.33	3.33	0.16	0.4	3.33	0.72 No	0.16 Thermal Discharging
STO001	11	'3517314_/3517328'	10		10	10	0.47	4.1	10	2.17 No	0.47 Thermal Discharging
STO001	12	'3517313_/3517311'	10		10	10	0.47	4.1	10	2.17 No	0.47 Thermal Discharging
STO001	13	'3516870_/3517455'	10		10	10	0.47	4.1	10	2.17 No	0.47 Thermal Discharging
STO001	14	'3516617_/43332425'	3.33		3.33	3.33	0.16	0.1	3.33	0.72 No	0.1 Element Fault
STO001	15	'3516733_/3516867'	10		10	10	0.47	4.1	10	2.17 No	0.47 Thermal Discharging
STO001	16	'43332334_/3516730'	10		10	10	0.47	4.1	10	2.17 No	0.47 Thermal Discharging
STO001	17	'3516715_/3516713'	10		10	10	0.47	4.1	10	2.17 No	0.47 Thermal Discharging
STO001	18	'3517037_/3517035'	10		10	10	0.47	4.1	10	2.17 No	0.47 Thermal Discharging
STO001	19	'3517058_/3517055'	10		10	10	0.47	4.1	10	2.17 No	0.47 Thermal Discharging
STO001	20	'3519997_/3519995'	10		10	10	0.47	4.1	10	2.17 No	0.47 Thermal Discharging
STO001	21	'3517474_/3520168'	10		10	10	0.47	4.1	10	2.17 No	0.47 Thermal Discharging
STO001	22	'3516649_/3517472'	10		10	10	0.47	4.1	10	2.17 No	0.47 Thermal Discharging
STO001	23	'9469813_/9469810'	3.33		3.33	3.33	0.16	0.1	3.33	0.72 No	0.1 Element Fault
STO001	24	'43332270_/3516647'	10		10	10	0.47	4.1	10	2.17 No	0.47 Thermal Discharging
STO001	25	'343593283_/43332272_1'	10		10	10	0.47	4.1	10	2.17 No	0.47 Thermal Discharging
STO001	26	'3516650_/43332272_2'	10		10	10	0.47	4.1	10	2.17 No	0.47 Thermal Discharging
STO002	0	STO002_/3507236'	10		10	10	0.33	4.1	10	4.35 No	0.33 Thermal Discharging
STO002	1	'3507238_/3507236'	10		10	10	0.33	4.1	10	0.75 No	0.33 Thermal Discharging
STO002	2	'3507206_/3508051'	10		10	10	0.33	4.1	10	0.75 No	0.33 Thermal Discharging
STO002	3	'3508037_/3508034'	10		10	10	0.33	4.1	10	0.75 No	0.33 Thermal Discharging
STO002	4	'43329744_/3520201'	10		10	10	0.33	4.1	10	0.75 No	0.33 Thermal Discharging
STO002	5	'3507117_/43329746'	10		10	10	0.33	4.1	10	0.74 No	0.33 Thermal Discharging
STO002	6	'43329757_/3507253'	3.33		3.33	3.33	0.11	0.4	3.33	0.25 No	0.11 Thermal Discharging
STO002	7	'3507947_/3507944'	10		10	10	0.33	4	10	0.74 No	0.33 Thermal Discharging
STO002	8	'3507095_/130224157'	10		10	10	0.33	2.1	10	0.74 No	0.33 Thermal Discharging
STO002	9	'3507967_/3507964'	10		10	10	0.33	4	10	0.73 No	0.33 Thermal Discharging
STO002	10	'50973796_/3507927'	10		10	10	0.33	4	10	0.73 No	0.33 Thermal Discharging
STO002	11	'3507226_/3507223'	3.33		3.33	3.33	0.11	0.4	3.33	0.25 No	0.11 Thermal Discharging
STO002	12	'3505939_/103685456'	10		10	10	0.33	4	10	0.73 No	0.33 Thermal Discharging
STO002	13	'103685525_/103685534'	10		10	10	0.33	3.9	10	0.73 No	0.33 Thermal Discharging
STO002	14	'3507035_/130224191'	10		10	10	0.33	2.1	10	0.73 No	0.33 Thermal Discharging
STO002	15	'7263758_/9157521'	3.33		3.33	3.33	0.11	0.4	3.33	0.25 No	0.11 Thermal Discharging
STO002	16	'7507574_/7507572_1'	10		10	10	0.33	0.4	10	0.73 No	0.33 Thermal Discharging
STO002	17	'3507486_/3507483'	10		10	10	0.33	3.8	10	0.73 No	0.33 Thermal Discharging
STO002	18	'3507506_/3507503'	10		10	10	0.33	3.9	10	0.73 No	0.33 Thermal Discharging
STO002	19	'3507205_/3507203'	10		10	10	0.33	1.3	10	0.74 No	0.33 Thermal Discharging
STO002	20	'3507393_/3507523'	10		10	10	0.33	3.9	10	0.73 No	0.33 Thermal Discharging
STO002	21	'130224262_/130224260'	10		10	10	0.33	2.1	10	0.73 No	0.33 Thermal Discharging
STO002	22	'3506994_/130224279_2'	10		10	10	0.33	2.1	10	0.73 No	0.33 Thermal Discharging
STO002	23	'3508004_/3508001'	3.33		3.33	3.33	0.11	0.4	3.33	0.24 No	0.11 Thermal Discharging
STO002	24	'3507193_/3507266'	3.33		3.33	3.33	0.11	0.4	3.33	0.25 No	0.11 Thermal Discharging
STO002	25	'43332145_/3507540'	10		10	10	0.33	3.9	10	0.73 No	0.33 Thermal Discharging
STO002	26	'130224281_/130224279_1'	10		10	10	0.33	2.1	10	0.73 No	0.33 Thermal Discharging
STO002	27	'3507560_/43332147'	10		10	10	0.33	3.9	10	0.73 No	0.33 Thermal Discharging
STO002	28	'3507405_/3507450'	3.33		3.33	3.33	0.11	0.3	3.33	0.24 No	0.11 Thermal Discharging
STO002	29	'43329536_/3506992'	10		10	10	0.33	1.3	10	0.73 No	0.33 Thermal Discharging
STO002	30	'43329549_/3507012'	10		10	10	0.33	1.2	10	0.73 No	0.33 Thermal Discharging
STO002	31	'3507469_/3507574'	10		10	10	0.33	3.9	10	0.73 No	0.33 Thermal Discharging
STO002	32	'413812801_/3507591_1'	10		10	10	0.33	0.7	10	0.73 No	0.33 Thermal Discharging
STO002	33	'3516596_/3516594'	10		10	10	0.33	1.3	10	0.74 No	0.33 Thermal Discharging
STO002	34	'3507468_/3507466'	10		10	10	0.33	3.8	10	0.73 No	0.33 Thermal Discharging
STO002	35	'7507575_/7507572_2'	10		10	10	0.33	0.4	10	0.73 No	0.33 Thermal Discharging
STO002	36	'124032230_/124032210_1'	10		10	10	0.33	0.4	10	0.73 No	0.33 Thermal Discharging
STO002	37	'3516581_/3516578'	3.33		3.33	3.33	0.11	0.4	3.33	0.24 No	0.11 Thermal Discharging
STO002	38	'3508154_/3508168'	10		10	10	0.33	3.8	10	0.73 No	0.33 Thermal Discharging
STO002	39	'3505940_/3505937'	3.33		3.33	3.33	0.11	0.4	3.33	0.24 No	0.11 Thermal Discharging
STO002	40	'3507192_/3507190'	3.33		3.33	3.33	0.11	0.4	3.33	0.24 No	0.11 Thermal Discharging
STO002	41	'43332481_/3508151'	10		10	10	0.33	3.8	10	0.73 No	0.33 Thermal Discharging
STO002	42	'130224297_/130224295'	10		10	10	0.33	2.1	10	0.73 No	0.33 Thermal Discharging
STO002	43	'7577958_/9469722_1'	3.33		3.33	3.33	0.11	0.2	3.33	0.24 No	0.11 Thermal Discharging
STO002	44	'43332360_/3508122'	3.33		3.33	3.33	0.11	0.4	3.33	0.24 No	0.11 Thermal Discharging
STO002	45	'43332158_/3507628'	10		10	10	0.33	1.4	10	0.73 No	0.33 Thermal Discharging
STO002	46	'8212785_/8212783_1'	3.33		3.33	3.33	0.11	0.3	3.33	0.24 No	0.11 Thermal Discharging
STO002	47	'8212801_/8212911_2'	3.33		3.33	3.33	0.11	0.5	3.33	0.24 No	0.11 Thermal Discharging
STO002	48	'7263757_/7263755'	3.33		3.33	3.33	0.11	0.1	3.33	0.24 No	0.1 Element Fault
STO002	49	'3519316_/3519365'	10		10	10	0.33	3.8	10	0.73 No	0.33 Thermal Discharging
STO002	50	'3507392_/3507390'	3.33		3.33	3.33	0.11	0.3	3.33	0.24 No	0.11 Thermal Discharging
STO002	51	'3506853_/43327855'	3.33		3.33	3.33	0.11	0.4	3.33	0.24 No	0.11 Thermal Discharging
STO002	52	'124032199_/124032210_2'	10		10	10	0.33	0.4	10	0.73 No	0.33 Thermal Discharging
STO002	53	'43332507_/3519331'	10		10	10	0.33	3.8	10	0.73 No	0.33 Thermal Discharging
STO002	54	'3519317_/3519314'	10		10	10	0.33	3.8	10	0.73 No	0.33 Thermal Discharging
STO002	55	'3508187_/3519348'	10		8.2	10	0.33	3.8	10	0.73 No	0.33 Thermal Discharging
STO002	56	'43332521_/43332509'	10		8.2	10	0.33	3.8	10	0.73 No	0.33 Thermal Discharging
STO002	57	'3507418_/3507591_2'	10		10	10	0.33	0.7	10	0.73 No	0.33 Thermal Discharging
STO002	58	'3520069_/3520066'	10		8.2	10	0.33	3.8	9.77	0.73 No	0.33 Thermal Discharging
STO002	59	'3517279_/3517294'	10		8.2	10	0.33	3.8	9.77	0.73 No	0.33 Thermal Discharging
STO002	60	'53744323_/43333791_2'	3.33		3.33	3.33	0.11	0.3	3.33	0.24 No	0.11 Thermal Discharging
STO002	61	'3520103_/43332588'	10		8.2	10	0.33	3.8	9.52	0.73 No	0.33 Thermal Discharging
STO002	62	'3506951_/3507611'	10		10	10	0.33	1.4	10	0.73 No	0.33 Thermal Discharging
STO002	63	'3506588_/3506586'	3.33		3.33	3.33	0.11	0.4	3.33	0.24 No	0.11 Thermal Discharging
STO002	64	'9469828_/9469826_1'	10		8.2	10	0.33	0.4	9.56	0.73 No	0.33 Thermal Discharging
STO002	65	'3520120_/624671577_1'	10		8.2	10	0.33	3.8	9.41	0.73 No	0.33 Thermal Discharging
STO002	66	'43333789_/43333791_1'	3.33		3.33	3.33	0.11	0.3	3.33	0.24 No	0.11 Thermal Discharging
STO002	67	'3507135_/3507282'	3.33		3.33	3.33	0.11	0.4	3.33	0.24 No	0.11 Thermal Discharging
STO002	68	'3506839_/3506863'	3.33		3.33	3.33	0.11	0.4	3.33	0.24 No	0.11 Thermal Discharging
STO002	69	'3505758_/3507403'	3.33		3.33	3.33	0.11	0.3	3.33	0.24 No	0.11 Thermal Discharging
STO002	70	'8840809_/8840807'	0.77		3.33	3.33	0.11	0.1	3.33	0.24 No	0.1 Element Fault
STO002	71	'3508125_/43332362'	3.33		3.33	3.33	0.11	0.4	3.26	0.24 No	0.11 Thermal Discharging
STO002	72	'43332547_/3508185'	10		8.2	10	0.33	0.9	9.03	0.73 No	0.33 Thermal Discharging
STO002	73	'3507419_/3507416'	10		10	10	0.33	0.7	9.25	0.73 No	0.33 Thermal Discharging
STO002	74	'3507134_/3507132'	0.87		3.33	3.33	0.11	0.4	3.24	0.24 No	0.11 Thermal Discharging
STO002	75	'3508137_/3508135'	3.33		3.33	3.33	0.11	0.3	3.05	0.24 No	0.11 Thermal Discharging
STO002	76	'43327795_/3506949'	10		10	10	0.33	1.4	8.79	0.73 No	0.33 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
STO002	77	'9469829_/_9469826_2'		10	8.2	10	0.33	0.4	8.48	0.73 No	0.33 Thermal Discharging
STO002	78	'3506840_/_3506837'		3.33	3.33	3.33	0.11	0.4	2.86	0.24 No	0.11 Thermal Discharging
STO002	79	'3508188_/_43332549'		10	8.2	10	0.33	0.9	8.16	0.73 No	0.33 Thermal Discharging
STO002	80	'3505952_/_3507433'		10	10	10	0.33	0.7	8.32	0.73 No	0.33 Thermal Discharging
STO002	81	'8212898_/_8840647_2'		3.33	3.33	3.33	0.11	0.4	2.8	0.24 No	0.11 Thermal Discharging
STO002	82	'43327773_/_3507158'		3.33	3.33	3.33	0.11	0.3	2.77	0.24 No	0.11 Thermal Discharging
STO002	83	'43332599_/_3505756'		3.33	3.33	3.33	0.11	0.3	2.72	0.24 No	0.11 Thermal Discharging
STO002	84	'3505671_/_43327797'		10	10	10	0.33	1.4	7.72	0.73 No	0.33 Thermal Discharging
STO002	85	'43327921_/_3505950'		10	8.2	10	0.33	0.7	7.66	0.73 No	0.33 Thermal Discharging
STO002	86	'43329129_/_3506979'		3.33	3.33	3.33	0.11	0.4	2.53	0.24 No	0.11 Thermal Discharging
STO002	87	'3505688_/_3505685'		10	8.2	10	0.33	1.4	7.26	0.73 No	0.33 Thermal Discharging
STO002	88	'3506333_/_3506330'		10	8.2	10	0.33	0.7	7.24	0.73 No	0.33 Thermal Discharging
STO002	89	'550940450_/_550940466'		10	8.2	10	0.33	0.4	6.92	0.73 No	0.33 Thermal Discharging
STO002	90	'3505705_/_3505702'		2.1	8.2	10	0.33	1.4	6.91	0.73 No	0.33 Thermal Discharging
STO002	91	'3506350_/_3506347'		1.7	8.2	10	0.33	0.7	6.64	0.73 No	0.33 Thermal Discharging
STO002	92	'3506618_/_43332601'		0.53	2.73	3.33	0.11	0.3	2.17	0.24 No	0.11 Thermal Discharging
STO002	93	'8212786_/_8212783_2'		0.4	3.33	3.33	0.11	0.3	2.2	0.24 No	0.11 Thermal Discharging
STO002	94	'49247322_/_3505983'		0.53	2.73	3.33	0.11	0.4	2.1	0.24 No	0.11 Thermal Discharging
STO002	95	'3506367_/_3506364'		1.3	8.2	10	0.33	0.7	6.22	0.73 No	0.33 Thermal Discharging
STO002	96	'3505722_/_3505719'		1.2	8.2	10	0.33	1.4	6.23	0.73 No	0.33 Thermal Discharging
STO002	97	'3505895_/_3506628'		0.47	2.73	3.33	0.11	0.3	2.05	0.24 No	0.11 Thermal Discharging
STO002	98	'7897247_/_8840647_1'		0.4	2.73	3.33	0.11	0.1	2.05	0.24 No	0.1 Element Fault
STO002	99	'3506427_/_3506424'		0.57	2.73	3.33	0.11	0.23	1.96	0.24 No	0.11 Thermal Discharging
STO002	100	'3506644_/_3506641'		0.4	2.73	3.33	0.11	0.3	1.97	0.24 No	0.11 Thermal Discharging
STO002	101	'3506384_/_3506381'		1	8.2	10	0.33	0.7	5.73	0.73 No	0.33 Thermal Discharging
STO002	102	'50973839_/_3506794'		0.9	8.2	10	0.33	1.4	5.66	0.73 No	0.33 Thermal Discharging
STO002	103	'3505654_/_3507145'		0.43	2.73	3.33	0.11	0.3	1.91	0.24 No	0.11 Thermal Discharging
STO002	104	'68489560_/_8522137_1'		0.43	2.73	3.33	0.11	0.1	1.88	0.24 No	0.1 Element Fault
STO002	105	'464136379_/_3506401'		0.9	8.2	10	0.33	0.7	5.49	0.73 No	0.33 Thermal Discharging
STO002	106	'464136494_/_464136458_1'		0.9	8.2	10	0.33	0.4	5.46	0.73 No	0.33 Thermal Discharging
STO002	107	'43327958_/_3506437'		0.4	2.73	3.33	0.11	0.23	1.77	0.24 No	0.11 Thermal Discharging
STO002	108	'3506657_/_3506654'		0.3	2.73	3.33	0.11	0.3	1.75	0.24 No	0.11 Thermal Discharging
STO002	109	'43327830_/_49247319'		0.33	2.73	3.33	0.11	0.4	1.74	0.24 No	0.11 Thermal Discharging
STO002	110	'43327945_/_464136381'		0.8	8.2	10	0.33	0.7	5.19	0.73 No	0.33 Thermal Discharging
STO002	111	'8212818_/_8212815'		0.27	2.73	3.33	0.11	0.3	1.76	0.24 No	0.11 Thermal Discharging
STO002	112	'3505738_/_50973836'		0.7	8.2	10	0.33	1.4	5.19	0.73 No	0.33 Thermal Discharging
STO002	113	'8212833_/_9469722_2'		0.2	2.73	3.33	0.11	0.2	1.75	0.24 No	0.11 Thermal Discharging
STO002	114	'43327934_/_3507911'		0.33	2.73	3.33	0.11	0.23	1.68	0.24 No	0.11 Thermal Discharging
STO002	115	'3505788_/_3505892'		0.27	2.73	3.33	0.11	0.3	1.69	0.24 No	0.11 Thermal Discharging
STO002	116	'464136439_/_464136458_2'		0.7	8.2	10	0.33	0.4	5.03	0.73 No	0.33 Thermal Discharging
STO002	117	'8522139_/_8522137_2'		0.33	2.53	3.33	0.11	0.1	1.67	0.24 No	0.1 Element Fault
STO002	118	'3505772_/_3505785'		0.27	2.73	3.33	0.11	0.3	1.62	0.24 No	0.11 Thermal Discharging
STO002	119	'3505973_/_43327832'		0.27	2.73	3.33	0.11	0.4	1.6	0.24 No	0.11 Thermal Discharging
STO002	120	'3505739_/_3505736'		0.6	8.2	10	0.33	1.4	4.83	0.73 No	0.33 Thermal Discharging
STO002	121	'43327784_/_43327786'		0.33	2.23	3.33	0.11	0.3	1.62	0.24 No	0.11 Thermal Discharging
STO002	122	'7897248_/_7897245'		0.23	2.73	3.33	0.11	0.1	1.61	0.24 No	0.1 Element Fault
STO002	123	'367803450_/_7577815_1'		0.27	2.73	3.33	0.11	0.1	1.57	0.24 No	0.1 Element Fault
STO002	124	'3505801_/_3505798'		0.23	2.73	3.33	0.11	0.3	1.59	0.24 No	0.11 Thermal Discharging
STO002	125	'3506453_/_43327960'		0.3	2.73	3.33	0.11	0.23	1.58	0.24 No	0.11 Thermal Discharging
STO002	126	'3505771_/_3505769'		0.23	2.73	3.33	0.11	0.3	1.57	0.24 No	0.11 Thermal Discharging
STO002	127	'3505869_/_3505879'		0.2	2.2	3.33	0.11	0.3	1.55	0.24 No	0.11 Thermal Discharging
STO002	128	'3505911_/_3505908'		0.2	2.13	3.33	0.11	0.3	1.54	0.24 No	0.11 Thermal Discharging
STO002	129	'7577818_/_7577815_2'		0.23	2.4	3.33	0.11	0.1	1.52	0.24 No	0.1 Element Fault
STO002	130	'3507897_/_3507895'		0.3	2.4	3.33	0.11	0.23	1.51	0.24 No	0.11 Thermal Discharging
STO002	131	'50718531_/_3505996'		0.5	5.4	10	0.33	1.4	4.49	0.73 No	0.33 Thermal Discharging
STO002	132	'3505814_/_3505811'		0.23	1.93	3.33	0.11	0.3	1.49	0.24 No	0.11 Thermal Discharging
STO002	133	'3506466_/_3506463'		0.27	2.07	3.33	0.11	0.23	1.46	0.24 No	0.11 Thermal Discharging
STO002	134	'3506576_/_3506573'		0.27	2.07	3.33	0.11	0.23	1.45	0.24 No	0.11 Thermal Discharging
STO002	135	'3505856_/_3505866'		0.17	1.67	3.33	0.11	0.3	1.43	0.24 No	0.11 Thermal Discharging
STO002	136	'7897216_/_8212911_1'		0.2	1.63	3.33	0.11	0.2	1.42	0.24 No	0.11 Thermal Discharging
STO002	137	'3506016_/_50718528'		0.5	4.6	10	0.33	1.4	4.23	0.73 No	0.33 Thermal Discharging
STO002	138	'3506479_/_3506476'		0.23	1.77	3.33	0.11	0.23	1.4	0.24 No	0.11 Thermal Discharging
STO002	139	'7263569_/_7263567_1'		0.5	4.5	10	0.33	0.4	4.19	0.73 No	0.33 Thermal Discharging
STO002	140	'43329096_/_43329098'		0.27	1.53	3.33	0.11	0.3	1.41	0.24 No	0.11 Thermal Discharging
STO002	141	'7263537_/_8522169'		0.17	1.5	3.33	0.11	0.3	1.41	0.24 No	0.11 Thermal Discharging
STO002	142	'3505924_/_3505921'		0.17	1.5	3.33	0.11	0.3	1.37	0.24 No	0.11 Thermal Discharging
STO002	143	'3506208_/_3506205'		0.17	1.37	3.33	0.11	0.3	1.33	0.24 No	0.11 Thermal Discharging
STO002	144	'8212834_/_8212831'		0.13	1.37	3.33	0.11	0.2	1.34	0.24 No	0.11 Thermal Discharging
STO002	145	'352518194_/_7577851_1'		0.17	1.33	3.33	0.11	0.2	1.31	0.24 No	0.11 Thermal Discharging
STO002	146	'3506495_/_3506492'		0.2	1.47	3.33	0.11	0.23	1.3	0.24 No	0.11 Thermal Discharging
STO002	147	'50718499_/_3506051'		0.27	2.67	6.67	0.22	0.9	2.6	0.49 No	0.22 Thermal Discharging
STO002	148	'43327808_/_3505853'		0.13	1.33	3.33	0.11	0.3	1.28	0.24 No	0.11 Thermal Discharging
STO002	149	'3506221_/_3506218'		0.17	1.17	3.33	0.11	0.3	1.22	0.24 No	0.11 Thermal Discharging
STO002	150	'3506054_/_50718496'		0.27	2.33	6.67	0.22	0.9	2.42	0.49 No	0.22 Thermal Discharging
STO002	151	'7263570_/_7263567_2'		0.4	3.3	10	0.33	0.4	3.59	0.73 No	0.33 Thermal Discharging
STO002	152	'3505827_/_3505840'		0.13	1.17	3.33	0.11	0.3	1.19	0.24 No	0.11 Thermal Discharging
STO002	153	'43327969_/_3506505'		0.2	1.23	3.33	0.11	0.23	1.19	0.24 No	0.11 Thermal Discharging
STO002	154	'3506508_/_3506518_1'		0.17	1.2	3.33	0.11	0.23	1.18	0.24 No	0.11 Thermal Discharging
STO002	155	'3506685_/_3506824'		0.23	1.07	3.33	0.11	0.3	1.16	0.24 No	0.11 Thermal Discharging
STO002	156	'3506237_/_3506234'		0.13	1.07	3.33	0.11	0.4	1.14	0.24 No	0.11 Thermal Discharging
STO002	157	'3506741_/_3506751'		0.2	1.03	3.33	0.11	0.3	1.12	0.24 No	0.11 Thermal Discharging
STO002	158	'3506521_/_3506518_2'		0.17	1.1	3.33	0.11	0.23	1.11	0.24 No	0.11 Thermal Discharging
STO002	159	'43327819_/_43327821'		0.13	1.07	3.33	0.11	0.3	1.1	0.24 No	0.11 Thermal Discharging
STO002	160	'7263538_/_7263535'		0.13	1	3.33	0.11	0.3	1.11	0.24 No	0.11 Thermal Discharging
STO002	161	'7577917_/_7897193'		0.3	2.9	10	0.33	0.4	3.29	0.73 No	0.3 Primary Over-Voltage
STO002	162	'3506069_/_3506066'		0.2	2	6.67	0.22	0.9	2.18	0.49 No	0.2 Primary Over-Voltage
STO002	163	'3506534_/_3506531'		0.17	1.03	3.33	0.11	0.23	1.07	0.24 No	0.11 Thermal Discharging
STO002	164	'7818781_/_7897213'		0.13	0.97	3.33	0.11	0.2	1.08	0.24 No	0.11 Thermal Discharging
STO002	165	'7263553_/_9157473'		0.1	0.97	3.33	0.11	0.2	1.07	0.24 No	0.1 Primary Over-Voltage
STO002	166	'7577854_/_7577851_2'		0.17	0.93	3.33	0.11	0.2	1.05	0.24 No	0.11 Thermal Discharging
STO002	167	'3505826_/_3505824'		0.1	0.97	3.33	0.11	0.3	1.03	0.24 No	0.1 Primary Over-Voltage
STO002	168	'3506253_/_3506250'		0.1	0.9	3.33	0.11	0.3	1.02	0.24 No	0.1 Primary Over-Voltage
STO002	169	'43327980_/_3506544'		0.13	0.97	3.33	0.11	0.23	1.01	0.24 No	0.11 Thermal Discharging
STO002	170	'3506087_/_3506084'		0.2	1.8	6.67	0.22	0.9	2.01	0.49 No	0.2 Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
STO002	171	'7818782_/_7818779'	0.13	0.87	3.33	0.11	0.2	0.99	0.24 No	0.11	Thermal Discharging
STO002	172	'3506728_/_3506738'	0.17	0.83	3.33	0.11	0.3	0.97	0.24 No	0.11	Thermal Discharging
STO002	173	'43327985_/_43327982'	0.13	0.87	3.33	0.11	0.23	0.94	0.24 No	0.11	Thermal Discharging
STO002	174	'3506102_/_3506099'	0.13	1.6	6.67	0.22	0.9	1.88	0.49 No	0.13	Primary Over-Voltage
STO002	175	'3505018_/_3506683'	0.17	0.77	3.33	0.11	0.3	0.93	0.24 No	0.11	Thermal Discharging
STO002	176	'7263554_/_7263551'	0.07	0.77	3.33	0.11	0.2	0.93	0.24 No	0.07	Primary Over-Voltage
STO002	177	'7577918_/_7577915'	0.3	2.2	10	0.33	0.4	2.78	0.73 No	0.3	Primary Over-Voltage
STO002	178	'7817793_/_9157505'	0.1	0.77	3.33	0.11	0.3	0.93	0.24 No	0.1	Primary Over-Voltage
STO002	179	'3506119_/_3506266'	0.13	1.6	6.67	0.22	0.9	1.83	0.49 No	0.13	Primary Over-Voltage
STO002	180	'3506120_/_3506117'	0.13	1.47	6.67	0.22	0.9	1.77	0.49 No	0.13	Primary Over-Voltage
STO002	181	'7577869_/_9469706'	0.13	0.7	3.33	0.11	0.2	0.88	0.24 No	0.11	Thermal Discharging
STO002	182	'3506715_/_3506725'	0.13	0.7	3.33	0.11	0.3	0.86	0.24 No	0.11	Thermal Discharging
STO002	183	'8120362_/_8522185'	0.07	0.7	3.33	0.11	0.2	0.85	0.24 No	0.07	Primary Over-Voltage
STO002	184	'3506135_/_3506132'	0.13	1.4	6.67	0.22	0.9	1.69	0.49 No	0.13	Primary Over-Voltage
STO002	185	'7577937_/_8522201'	0.2	2	10	0.33	0.4	2.53	0.73 No	0.2	Primary Over-Voltage
STO002	186	'3505123_/_3507338'	0.17	0.67	3.33	0.11	0.3	0.84	0.24 No	0.11	Thermal Discharging
STO002	187	'3505019_/_3505016'	0.17	0.67	3.33	0.11	0.3	0.84	0.24 No	0.11	Thermal Discharging
STO002	188	'9400099_/_9400096'	0.1	0.67	3.33	0.11	0.2	0.83	0.24 No	0.1	Primary Over-Voltage
STO002	189	'3507298_/_3507295'	0.13	1.4	6.67	0.22	0.9	1.65	0.49 No	0.13	Primary Over-Voltage
STO002	190	'43327875_/_3506189'	0.07	0.67	3.33	0.11	0.3	0.82	0.24 No	0.07	Primary Over-Voltage
STO002	191	'3505032_/_3505029'	0.13	0.63	3.33	0.11	0.3	0.81	0.24 No	0.11	Thermal Discharging
STO002	192	'7577938_/_7577935'	0.2	1.9	10	0.33	0.4	2.41	0.73 No	0.2	Primary Over-Voltage
STO002	193	'7577870_/_7577867'	0.13	0.63	3.33	0.11	0.2	0.8	0.24 No	0.11	Thermal Discharging
STO002	194	'7496416_/_7500380'	0.13	1.2	6.67	0.22	0.27	1.58	0.49 No	0.13	Primary Over-Voltage
STO002	195	'43327651_/_43327653'	0.17	0.63	3.33	0.11	0.3	0.79	0.24 No	0.11	Thermal Discharging
STO002	196	'3506299_/_3507310_1'	0.13	1.33	6.67	0.22	0.9	1.58	0.49 No	0.13	Primary Over-Voltage
STO002	197	'7500382_/_9703046'	0.2	1.8	10	0.33	0.4	2.36	0.73 No	0.2	Primary Over-Voltage
STO002	198	'43327897_/_3507310_2'	0.13	1.27	6.67	0.22	0.9	1.56	0.49 No	0.13	Primary Over-Voltage
STO002	199	'3506714_/_3506712'	0.13	0.63	3.33	0.11	0.3	0.77	0.24 No	0.11	Thermal Discharging
STO002	200	'3506149_/_3507325'	0.07	0.63	3.33	0.11	0.3	0.76	0.24 No	0.07	Primary Over-Voltage
STO002	201	'7496417_/_7496414'	0.2	1.7	10	0.33	0.4	2.28	0.73 No	0.2	Primary Over-Voltage
STO002	202	'3506178_/_3506176'	0.07	0.6	3.33	0.11	0.3	0.75	0.24 No	0.07	Primary Over-Voltage
STO002	203	'43327684_/_43327686'	0.17	0.6	3.33	0.11	0.3	0.75	0.24 No	0.11	Thermal Discharging
STO002	204	'36338828_/_58025122'	0.07	0.6	3.33	0.11	0.2	0.75	0.24 No	0.07	Primary Over-Voltage
STO002	205	'3506300_/_43327899'	0.13	1.2	6.67	0.22	0.9	1.47	0.49 No	0.13	Primary Over-Voltage
STO002	206	'3505084_/_3505094'	0.13	0.57	3.33	0.11	0.3	0.74	0.24 No	0.11	Thermal Discharging
STO002	207	'54027258_/_54027125_1'	0.13	0.57	3.33	0.11	0.1	0.74	0.24 No	0.1	Element Fault
STO002	208	'7577885_/_9157489'	0.1	0.57	3.33	0.11	0.2	0.73	0.24 No	0.1	Primary Over-Voltage
STO002	209	'43327662_/_3506670'	0.13	0.57	3.33	0.11	0.3	0.73	0.24 No	0.11	Thermal Discharging
STO002	210	'115066501_/_3505081_2'	0.13	0.57	3.33	0.11	0.3	0.73	0.24 No	0.11	Thermal Discharging
STO002	211	'7817794_/_7817791'	0.07	0.57	3.33	0.11	0.3	0.73	0.24 No	0.07	Primary Over-Voltage
STO002	212	'3506150_/_3506147'	0.07	0.57	3.33	0.11	0.3	0.72	0.24 No	0.07	Primary Over-Voltage
STO002	213	'7897231_/_9444572'	0.1	0.57	3.33	0.11	0.2	0.72	0.24 No	0.1	Primary Over-Voltage
STO002	214	'115066516_/_3505292'	0.13	0.53	3.33	0.11	0.3	0.71	0.24 No	0.11	Thermal Discharging
STO002	215	'43327886_/_3506160'	0.07	0.53	3.33	0.11	0.3	0.7	0.24 No	0.07	Primary Over-Voltage
STO002	216	'352518166_/_9469690_2'	0.07	0.53	3.33	0.11	0.3	0.69	0.24 No	0.07	Primary Over-Voltage
STO002	217	'43327909_/_3506315'	0.13	1.13	6.67	0.22	0.9	1.38	0.49 No	0.13	Primary Over-Voltage
STO002	218	'3505045_/_3505081_1'	0.13	0.53	3.33	0.11	0.3	0.69	0.24 No	0.11	Thermal Discharging
STO002	219	'3506766_/_3506764'	0.1	0.53	3.33	0.11	0.3	0.69	0.24 No	0.1	Primary Over-Voltage
STO002	220	'529537280_/_3505042_2'	0.13	0.53	3.33	0.11	0.3	0.68	0.24 No	0.11	Thermal Discharging
STO002	221	'8447123_/_8447120'	0.07	0.5	3.33	0.11	0.3	0.68	0.24 No	0.07	Primary Over-Voltage
STO002	222	'3505642_/_43327664'	0.1	0.53	3.33	0.11	0.3	0.68	0.24 No	0.1	Primary Over-Voltage
STO002	223	'8212865_/_9469690_1'	0.07	0.53	3.33	0.11	0.2	0.67	0.24 No	0.07	Primary Over-Voltage
STO002	224	'7577886_/_7577883'	0.1	0.5	3.33	0.11	0.2	0.67	0.24 No	0.1	Primary Over-Voltage
STO002	225	'44074585_/_43327911'	0.07	1.07	6.67	0.22	0.9	1.32	0.49 No	0.07	Primary Over-Voltage
STO002	226	'352518171_/_8212847_1'	0.07	0.4	3.33	0.11	0.1	0.66	0.24 No	0.07	Primary Over-Voltage
STO002	227	'3505641_/_3505639'	0.1	0.5	3.33	0.11	0.3	0.66	0.24 No	0.1	Primary Over-Voltage
STO002	228	'115066540_/_3505133'	0.13	0.5	3.33	0.11	0.3	0.65	0.24 No	0.11	Thermal Discharging
STO002	229	'3507379_/_3507377'	0.1	0.5	3.33	0.11	0.3	0.64	0.24 No	0.1	Primary Over-Voltage
STO002	230	'8212866_/_8212863'	0.07	0.5	3.33	0.11	0.1	0.63	0.24 No	0.07	Primary Over-Voltage
STO002	231	'7897232_/_7897229'	0.07	0.5	3.33	0.11	0.2	0.64	0.24 No	0.07	Primary Over-Voltage
STO002	232	'3506908_/_44074587'	0.07	1	6.67	0.22	0.9	1.26	0.49 No	0.07	Primary Over-Voltage
STO002	233	'3505044_/_3505042_1'	0.13	0.47	3.33	0.11	0.1	0.63	0.24 No	0.1	Element Fault
STO002	234	'3505058_/_3505068'	0.13	0.47	3.33	0.11	0.3	0.63	0.24 No	0.11	Thermal Discharging
STO002	235	'57003272_/_57003283'	0.2	1.3	10	0.33	0.4	1.84	0.73 No	0.2	Primary Over-Voltage
STO002	236	'54027118_/_54027125_2'	0.13	0.47	3.33	0.11	0.1	0.61	0.24 No	0.1	Element Fault
STO002	237	'3505278_/_3505276'	0.13	0.47	3.33	0.11	0.1	0.61	0.24 No	0.1	Element Fault
STO002	238	'8443543_/_8443540'	0.07	0.5	3.33	0.11	0.13	0.6	0.24 No	0.07	Primary Over-Voltage
STO002	239	'7577902_/_8212879'	0.07	0.47	3.33	0.11	0.1	0.6	0.24 No	0.07	Primary Over-Voltage
STO002	240	'115066613_/_3505146'	0.13	0.47	3.33	0.11	0.3	0.6	0.24 No	0.11	Thermal Discharging
STO002	241	'7503954_/_9083685'	0.07	0.43	3.33	0.11	0.3	0.6	0.24 No	0.07	Primary Over-Voltage
STO002	242	'3505057_/_3505055'	0.1	0.43	3.33	0.11	0.3	0.59	0.24 No	0.1	Primary Over-Voltage
STO002	243	'43329118_/_43329120'	0.1	0.43	3.33	0.11	0.1	0.58	0.24 No	0.1	Primary Over-Voltage
STO002	244	'115066658_/_3505159'	0.1	0.43	3.33	0.11	0.3	0.56	0.24 No	0.1	Primary Over-Voltage
STO002	245	'3505402_/_3505412'	0.1	0.4	3.33	0.11	0.3	0.55	0.24 No	0.1	Primary Over-Voltage
STO002	246	'58008090_/_44084942'	0.03	0.4	3.33	0.11	0.2	0.55	0.24 No	0.03	Primary Over-Voltage
STO002	247	'7577901_/_7577899'	0.07	0.4	3.33	0.11	0.1	0.54	0.24 No	0.07	Primary Over-Voltage
STO002	248	'3506895_/_3506923'	0.1	0.4	3.33	0.11	0.1	0.54	0.24 No	0.1	Primary Over-Voltage
STO002	249	'54027149_/_54027183'	0.1	0.4	3.33	0.11	0.1	0.54	0.24 No	0.1	Primary Over-Voltage
STO002	250	'7503955_/_7503952'	0.07	0.4	3.33	0.11	0.3	0.53	0.24 No	0.07	Primary Over-Voltage
STO002	251	'115066703_/_3505172'	0.1	0.4	3.33	0.11	0.3	0.52	0.24 No	0.1	Primary Over-Voltage
STO002	252	'3505389_/_3505399'	0.1	0.37	3.33	0.11	0.3	0.51	0.24 No	0.1	Primary Over-Voltage
STO002	253	'36338842_/_9378418'	0.07	0.37	3.33	0.11	0.2	0.51	0.24 No	0.07	Primary Over-Voltage
STO002	254	'3505428_/_3505425'	0.1	0.37	3.33	0.11	0.3	0.5	0.24 No	0.1	Primary Over-Voltage
STO002	255	'3506882_/_3506892'	0.1	0.37	3.33	0.11	0.1	0.5	0.24 No	0.1	Primary Over-Voltage
STO002	256	'54027207_/_54027214'	0.1	0.37	3.33	0.11	0.1	0.5	0.24 No	0.1	Primary Over-Voltage
STO002	257	'115066748_/_43327753'	0.1	0.37	3.33	0.11	0.3	0.49	0.24 No	0.1	Primary Over-Voltage
STO002	258	'9083703_/_9398550'	0.03	0.33	3.33	0.11	0.3	0.48	0.24 No	0.03	Primary Over-Voltage
STO002	259	'3505376_/_3505386'	0.1	0.37	3.33	0.11	0.3	0.48	0.24 No	0.1	Primary Over-Voltage
STO002	260	'3505613_/_3506879'	0.1	0.33	3.33	0.11	0.1	0.47	0.24 No	0.1	Primary Over-Voltage
STO002	261	'3505441_/_3505438'	0.1	0.33	3.33	0.11	0.3	0.46	0.24 No	0.1	Primary Over-Voltage
STO002	262	'115066793_/_3505198'	0.1	0.37	3.33	0.11	0.3	0.46	0.24 No	0.1	Primary Over-Voltage
STO002	263	'57870825_/_9083701'	0.03	0.33	3.33	0.11	0.3	0.46	0.24 No	0.03	Primary Over-Voltage
STO002	264	'40977598_/_8029881'	0.03	0.33	3.33	0.11	0.2	0.46	0.24 No	0.03	Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
				Deviation						VSR (MW)	Limiting Threshold
STO002	265	'3505363_/_3505373'		0.07	0.33	3.33	0.11	0.3	0.45	0.24 No	0.07 Primary Over-Voltage
STO002	266	'462498439_/_3505211'		0.07	0.33	3.33	0.11	0.3	0.45	0.24 No	0.07 Primary Over-Voltage
STO002	267	'462498543_/_462498521_1'		0.07	0.33	3.33	0.11	0.1	0.44	0.24 No	0.07 Primary Over-Voltage
STO002	268	'54106959_/_54106966'		0.07	0.33	3.33	0.11	0.1	0.44	0.24 No	0.07 Primary Over-Voltage
STO002	269	'3505600_/_3505610'		0.07	0.33	3.33	0.11	0.1	0.44	0.24 No	0.07 Primary Over-Voltage
STO002	270	'3505454_/_3505451'		0.07	0.3	3.33	0.11	0.3	0.43	0.24 No	0.07 Primary Over-Voltage
STO002	271	'44105136_/_44105133'		0.03	0.3	3.33	0.11	0.2	0.42	0.24 No	0.03 Primary Over-Voltage
STO002	272	'115066978_/_462498521_2'		0.07	0.3	3.33	0.11	0.1	0.41	0.24 No	0.07 Primary Over-Voltage
STO002	273	'3505587_/_3505597'		0.07	0.3	3.33	0.11	0.1	0.41	0.24 No	0.07 Primary Over-Voltage
STO002	274	'3505467_/_3505464'		0.07	0.3	3.33	0.11	0.3	0.4	0.24 No	0.07 Primary Over-Voltage
STO002	275	'54106996_/_54107003'		0.07	0.3	3.33	0.11	0.1	0.4	0.24 No	0.07 Primary Over-Voltage
STO002	276	'3505350_/_3505360'		0.07	0.3	3.33	0.11	0.3	0.4	0.24 No	0.07 Primary Over-Voltage
STO002	277	'3505337_/_3505347'		0.07	0.27	3.33	0.11	0.3	0.39	0.24 No	0.07 Primary Over-Voltage
STO002	278	'3505571_/_3505584'		0.07	0.27	3.33	0.11	0.1	0.38	0.24 No	0.07 Primary Over-Voltage
STO002	279	'3505480_/_3505477'		0.07	0.27	3.33	0.11	0.3	0.38	0.24 No	0.07 Primary Over-Voltage
STO002	280	'3505570_/_3505568'		0.07	0.27	3.33	0.11	0.1	0.37	0.24 No	0.07 Primary Over-Voltage
STO002	281	'65371868_/_54107034'		0.07	0.27	3.33	0.11	0.1	0.36	0.24 No	0.07 Primary Over-Voltage
STO002	282	'3505493_/_3505490'		0.07	0.27	3.33	0.11	0.3	0.36	0.24 No	0.07 Primary Over-Voltage
STO002	283	'3505324_/_3505334'		0.07	0.27	3.33	0.11	0.3	0.36	0.24 No	0.07 Primary Over-Voltage
STO002	284	'43327717_/_3505503'		0.07	0.23	3.33	0.11	0.3	0.34	0.24 No	0.07 Primary Over-Voltage
STO002	285	'3505519_/_3505529'		0.07	0.23	3.33	0.11	0.3	0.34	0.24 No	0.07 Primary Over-Voltage
STO002	286	'478550413_/_3505321'		0.07	0.23	3.33	0.11	0.3	0.34	0.24 No	0.07 Primary Over-Voltage
STO002	287	'3505545_/_43327731'		0.07	0.23	3.33	0.11	0.3	0.33	0.24 No	0.07 Primary Over-Voltage
STO002	288	'3505518_/_43327742'		0.07	0.23	3.33	0.11	0.3	0.33	0.24 No	0.07 Primary Over-Voltage
STO002	289	'3505310_/_478550417'		0.07	0.23	3.33	0.11	0.3	0.33	0.24 No	0.07 Primary Over-Voltage
STW021	0	'STW021_/_1414837'		0.7	3	10	0.024	4	4.09	0.51 Yes	0.024 Thermal Discharging
STW021	1	'128627797_/_1414837'		0.7	3	10	0.024	4	4.05	0.51 Yes	0.024 Thermal Discharging
STW021	2	'128628053_/_1414772_1'		0.7	2.9	10	0.024	4	4.04	0.51 Yes	0.024 Thermal Discharging
STW021	3	'157740597_/_1414772_2'		0.7	2.9	10	0.024	4	4.03	0.51 Yes	0.024 Thermal Discharging
STW021	4	'1414708_/_1417715'		0.7	2.9	10	0.024	3.9	4.03	0.51 Yes	0.024 Thermal Discharging
STW021	5	'1414504_/_157740601'		0.7	2.9	10	0.024	4	3.99	0.51 Yes	0.024 Thermal Discharging
STW021	6	'120766575_/_1414718_1'		0.7	2.9	10	0.024	2.1	3.99	0.51 Yes	0.024 Thermal Discharging
STW021	7	'120766521_/_1414718_2'		0.7	2.9	10	0.024	2.1	3.97	0.51 Yes	0.024 Thermal Discharging
STW021	8	'1414484_/_1414501'		0.7	2.9	10	0.024	4	3.96	0.51 Yes	0.024 Thermal Discharging
STW021	9	'589723963_/_589723960'		0.7	2.8	10	0.024	4	3.94	0.51 Yes	0.024 Thermal Discharging
STW021	10	'646940743_/_589723978_1'		0.7	2.8	10	0.024	4	3.94	0.51 Yes	0.024 Thermal Discharging
STW021	11	'4299663_/_42996635'		0.7	2.8	10	0.024	4	3.93	0.51 Yes	0.024 Thermal Discharging
STW021	12	'589723981_/_589723978_2'		0.7	2.8	10	0.024	4	3.91	0.5 Yes	0.024 Thermal Discharging
STW021	13	'589723999_/_589723996'		0.7	2.8	10	0.024	4	3.88	0.5 Yes	0.024 Thermal Discharging
STW021	14	'1414450_/_1414464'		0.7	2.8	10	0.024	4	3.89	0.5 Yes	0.024 Thermal Discharging
STW021	15	'589724103_/_589724100'		0.7	2.8	10	0.024	4	3.87	0.5 Yes	0.024 Thermal Discharging
STW021	16	'589724233_/_589724133_1'		0.7	2.8	10	0.024	4	3.86	0.5 Yes	0.024 Thermal Discharging
STW021	17	'589724173_/_589724014_1'		0.23	0.93	3.33	0.008	0.4	1.29	0.17 Yes	0.008 Thermal Discharging
STW021	18	'589724136_/_589724133_2'		0.7	2.8	10	0.024	4	3.86	0.5 Yes	0.024 Thermal Discharging
STW021	19	'646938963_/_589724318_1'		0.7	2.8	10	0.024	1.4	3.85	0.5 Yes	0.024 Thermal Discharging
STW021	20	'589724321_/_589724318_2'		0.7	2.8	10	0.024	1.4	3.85	0.5 Yes	0.024 Thermal Discharging
STW021	21	'605876497_/_605876494'		0.7	2.8	10	0.024	4	3.85	0.5 Yes	0.024 Thermal Discharging
STW021	22	'646938946_/_589724416_1'		0.7	2.8	10	0.024	1.4	3.85	0.5 Yes	0.024 Thermal Discharging
STW021	23	'589724448_/_589724416_2'		0.7	2.8	10	0.024	1.4	3.85	0.5 Yes	0.024 Thermal Discharging
STW021	24	'605876562_/_605876519_1'		0.7	2.8	10	0.024	4	3.84	0.5 Yes	0.024 Thermal Discharging
STW021	25	'605876522_/_605876519_2'		0.7	2.8	10	0.024	4	3.84	0.5 Yes	0.024 Thermal Discharging
STW021	26	'1414430_/_1414447'		0.7	2.7	10	0.024	4	3.86	0.5 Yes	0.024 Thermal Discharging
STW021	27	'605876547_/_605876544'		0.7	2.7	10	0.024	4	3.83	0.5 Yes	0.024 Thermal Discharging
STW021	28	'589724419_/_589724416_3'		0.7	2.7	10	0.024	1.4	3.84	0.5 Yes	0.024 Thermal Discharging
STW021	29	'605876645_/_605876597_1'		0.7	2.7	10	0.024	1.4	3.83	0.5 Yes	0.024 Thermal Discharging
STW021	30	'605876581_/_605876597_2'		0.7	2.7	10	0.024	1.4	3.82	0.5 Yes	0.024 Thermal Discharging
STW021	31	'42996620_/_1414427'		0.7	2.6	10	0.024	3	3.79	0.5 Yes	0.024 Thermal Discharging
STW021	32	'589723892_/_589724014_2'		0.23	0.87	3.33	0.008	0.4	1.24	0.17 Yes	0.008 Thermal Discharging
STW021	33	'1414096_/_1414410'		0.7	2.6	10	0.024	3	3.73	0.5 Yes	0.024 Thermal Discharging
STW021	34	'1414668_/_1414789'		0.23	0.87	3.33	0.008	0.4	1.22	0.17 Yes	0.008 Thermal Discharging
STW021	35	'1414656_/_1414653_2'		0.23	0.83	3.33	0.008	0.4	1.22	0.17 Yes	0.008 Thermal Discharging
STW021	36	'1414792_/_589723896'		0.23	0.83	3.33	0.008	0.4	1.21	0.17 Yes	0.008 Thermal Discharging
STW021	37	'42996513_/_1414093'		0.7	2.5	10	0.024	3	3.66	0.5 Yes	0.024 Thermal Discharging
STW021	38	'1413987_/_1414001'		0.7	2.4	10	0.024	3	3.58	0.5 Yes	0.024 Thermal Discharging
STW021	39	'42996500_/_1413984'		0.7	2.4	10	0.024	3	3.54	0.5 Yes	0.024 Thermal Discharging
STW021	40	'42996574_/_42996576'		0.7	2.3	10	0.024	3	3.51	0.5 Yes	0.024 Thermal Discharging
STW021	41	'1414041_/_1414038'		0.23	0.77	3.33	0.008	1	1.16	0.17 Yes	0.008 Thermal Discharging
STW021	42	'1414643_/_1414653_1'		0.23	0.77	3.33	0.008	0.4	1.14	0.16 Yes	0.008 Thermal Discharging
STW021	43	'1413953_/_1413967'		0.7	2.3	10	0.024	3	3.43	0.5 Yes	0.024 Thermal Discharging
STW021	44	'1414054_/_1414051'		0.23	0.77	3.33	0.008	1	1.13	0.17 Yes	0.008 Thermal Discharging
STW021	45	'117373736_/_1414821'		0.23	0.73	3.33	0.008	0.4	1.11	0.16 Yes	0.008 Thermal Discharging
STW021	46	'1414067_/_1414064'		0.2	0.73	3.33	0.008	1	1.1	0.16 Yes	0.008 Thermal Discharging
STW021	47	'1413933_/_1413950'		0.6	2.1	10	0.024	3	3.31	0.5 Yes	0.024 Thermal Discharging
STW021	48	'1414630_/_1414640'		0.2	0.73	3.33	0.008	0.4	1.09	0.16 Yes	0.008 Thermal Discharging
STW021	49	'154173819_/_1414018_1'		0.6	2.1	10	0.024	3	3.3	0.5 Yes	0.024 Thermal Discharging
STW021	50	'1414079_/_1414077'		0.2	0.7	3.33	0.008	1	1.1	0.16 Yes	0.008 Thermal Discharging
STW021	51	'1413916_/_1413930'		0.6	2.1	10	0.024	3	3.29	0.5 Yes	0.024 Thermal Discharging
STW021	52	'120766251_/_1414018_2'		0.6	2.1	10	0.024	3	3.28	0.5 Yes	0.024 Thermal Discharging
STW021	53	'1413915_/_1413913'		0.6	2.1	10	0.024	3	3.27	0.49 Yes	0.024 Thermal Discharging
STW021	54	'1417974_/_1417971'		0.2	0.7	3.33	0.008	1	1.08	0.16 Yes	0.008 Thermal Discharging
STW021	55	'42996487_/_42996489'		0.6	2.1	10	0.024	3	3.23	0.49 Yes	0.024 Thermal Discharging
STW021	56	'1419222_/_1419239'		0.6	2.1	10	0.024	3	3.2	0.49 Yes	0.024 Thermal Discharging
STW021	57	'1414617_/_1414627'		0.2	0.7	3.33	0.008	0.4	1.04	0.16 Yes	0.008 Thermal Discharging
STW021	58	'1419205_/_1419219'		0.6	2	10	0.024	3	3.16	0.49 Yes	0.024 Thermal Discharging
STW021	59	'1419276_/_1419273'		0.6	2	10	0.024	3	3.16	0.49 Yes	0.024 Thermal Discharging
STW021	60	'7834953_/_7834950_2'		0.2	0.67	3.33	0.008	1	1.05	0.16 Yes	0.008 Thermal Discharging
STW021	61	'7834952_/_7834950_1'		0.2	0.67	3.33	0.008	0.4	1.04	0.16 Yes	0.008 Thermal Discharging
STW021	62	'1419188_/_1419202'		0.6	2	10	0.024	3	3.12	0.49 Yes	0.024 Thermal Discharging
STW021	63	'1419293_/_1419290'		0.6	2	10	0.024	3	3.11	0.49 Yes	0.024 Thermal Discharging
STW021	64	'117373792_/_1414805'		0.2	0.67	3.33	0.008	0.4	1.02	0.16 Yes	0.008 Thermal Discharging
STW021	65	'1419171_/_1419185'		0.6	2	10	0.024	3	3.09	0.49 Yes	0.024 Thermal Discharging
STW021	66	'42997087_/_1419168'		0.6	1.9	10	0.024	3	3.07	0.49 Yes	0.024 Thermal Discharging
STW021	67	'1419313_/_1419310'		0.6	1.9	10	0.024	3	3.06	0.49 Yes	0.024 Thermal Discharging
STW021	68	'1419137_/_1419151'		0.6	1.9	10	0.024	3	3.03	0.49 Yes	0.024 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over- Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
STW021	69	'1414616_/_1414614'	0.2	0.63	3.33	0.008	0.4	1	0.16	Yes	0.008 Thermal Discharging
STW021	70	'1419136_/_1419134'	0.6	1.9	10	0.024	3	3.01	0.49	Yes	0.024 Thermal Discharging
STW021	71	'1415841_/_1419327'	0.6	1.9	10	0.024	3	2.99	0.49	Yes	0.024 Thermal Discharging
STW021	72	'1415824_/_1415838'	0.5	1.8	10	0.024	3	2.94	0.49	Yes	0.024 Thermal Discharging
STW021	73	'42996526_/_1415921'	0.5	1.8	10	0.024	3	2.93	0.49	Yes	0.024 Thermal Discharging
STW021	74	'42997126_/_1415821'	0.5	1.8	10	0.024	3	2.91	0.49	Yes	0.024 Thermal Discharging
STW021	75	'1420742_/_1420740'	0.17	0.6	3.33	0.008	0.4	0.95	0.16	Yes	0.008 Thermal Discharging
STW021	76	'1414115_/_42996528'	0.5	1.8	10	0.024	3	2.88	0.49	Yes	0.024 Thermal Discharging
STW021	77	'1414116_/_1414113'	0.5	1.8	10	0.024	3	2.87	0.49	Yes	0.024 Thermal Discharging
STW021	78	'1415790_/_1415804'	0.5	1.8	10	0.024	3	2.86	0.49	Yes	0.024 Thermal Discharging
STW021	79	'1414133_/_1414130'	0.5	1.8	10	0.024	3	2.85	0.48	Yes	0.024 Thermal Discharging
STW021	80	'106390856_/_106390858'	0.17	0.6	3.33	0.008	0.4	0.93	0.16	Yes	0.008 Thermal Discharging
STW021	81	'42996539_/_1414147'	0.5	1.8	10	0.024	3	2.83	0.48	Yes	0.024 Thermal Discharging
STW021	82	'69714153_/_69714156'	0.5	1.7	10	0.024	3	2.81	0.48	Yes	0.024 Thermal Discharging
STW021	83	'69714297_/_69714228_1'	0.5	1.7	10	0.024	1.4	2.81	0.48	Yes	0.024 Thermal Discharging
STW021	84	'1414167_/_42996541'	0.5	1.7	10	0.024	3	2.81	0.48	Yes	0.024 Thermal Discharging
STW021	85	'1415773_/_1415787'	0.5	1.7	10	0.024	3	2.81	0.48	Yes	0.024 Thermal Discharging
STW021	86	'69714221_/_69714228_2'	0.5	1.7	10	0.024	1.4	2.79	0.48	Yes	0.024 Thermal Discharging
STW021	87	'42996552_/_1415968'	0.5	1.7	10	0.024	3	2.79	0.48	Yes	0.024 Thermal Discharging
STW021	88	'102934275_/_102934272'	0.17	0.57	3.33	0.008	0.4	0.91	0.16	Yes	0.008 Thermal Discharging
STW021	89	'106391726_/_1420753'	0.17	0.57	3.33	0.008	0.4	0.91	0.16	Yes	0.008 Thermal Discharging
STW021	90	'106390892_/_106390894'	0.17	0.57	3.33	0.008	0.4	0.9	0.16	Yes	0.008 Thermal Discharging
STW021	91	'1415887_/_1416309'	0.17	0.57	3.33	0.008	1	0.91	0.16	Yes	0.008 Thermal Discharging
STW021	92	'1415756_/_1415770'	0.5	1.7	10	0.024	3	2.73	0.48	Yes	0.024 Thermal Discharging
STW021	93	'1415874_/_1415884'	0.17	0.53	3.33	0.008	1	0.89	0.16	Yes	0.008 Thermal Discharging
STW021	94	'102934296_/_102934293'	0.17	0.57	3.33	0.008	0.4	0.88	0.16	Yes	0.008 Thermal Discharging
STW021	95	'106391763_/_106391728'	0.17	0.57	3.33	0.008	0.4	0.87	0.16	Yes	0.008 Thermal Discharging
STW021	96	'106390928_/_106390930'	0.17	0.53	3.33	0.008	0.4	0.87	0.16	Yes	0.008 Thermal Discharging
STW021	97	'1415732_/_1415753'	0.5	1.6	10	0.024	3	2.65	0.48	Yes	0.024 Thermal Discharging
STW021	98	'1415861_/_1415871'	0.17	0.53	3.33	0.008	1	0.88	0.16	Yes	0.008 Thermal Discharging
STW021	99	'1419120_/_1419118'	0.17	0.53	3.33	0.008	1	0.87	0.16	Yes	0.008 Thermal Discharging
STW021	100	'1415860_/_1415858'	0.17	0.53	3.33	0.008	1	0.86	0.16	Yes	0.008 Thermal Discharging
STW021	101	'42997113_/_1415730'	0.5	1.6	10	0.024	3	2.59	0.48	Yes	0.024 Thermal Discharging
STW021	102	'106390964_/_106390966'	0.13	0.53	3.33	0.008	0.4	0.84	0.16	Yes	0.008 Thermal Discharging
STW021	103	'102934311_/_102934308'	0.13	0.53	3.33	0.008	0.4	0.84	0.16	Yes	0.008 Thermal Discharging
STW021	104	'1415657_/_42997115'	0.4	1.5	10	0.024	3	2.56	0.48	Yes	0.024 Thermal Discharging
STW021	105	'388302165_/_388302145_1'	0.13	0.5	3.33	0.008	0.4	0.85	0.16	Yes	0.008 Thermal Discharging
STW021	106	'106391800_/_106391765'	0.13	0.53	3.33	0.008	0.4	0.83	0.16	Yes	0.008 Thermal Discharging
STW021	107	'120766407_/_120766461'	0.5	1.6	10	0.024	1.3	2.33	0.48	Yes	0.024 Thermal Discharging
STW021	108	'42996929_/_42996931'	0.13	0.53	3.33	0.008	0.4	0.83	0.16	Yes	0.008 Thermal Discharging
STW021	109	'154187139_/_120766409_1'	0.4	1.6	10	0.024	1.3	2.29	0.48	Yes	0.024 Thermal Discharging
STW021	110	'106391000_/_106391002'	0.13	0.5	3.33	0.008	0.4	0.82	0.16	Yes	0.008 Thermal Discharging
STW021	111	'1415639_/_1415654'	0.4	1.5	10	0.024	3	2.5	0.48	Yes	0.024 Thermal Discharging
STW021	112	'388302126_/_388302145_2'	0.13	0.5	3.33	0.008	0.4	0.83	0.16	Yes	0.008 Thermal Discharging
STW021	113	'102934326_/_102934323'	0.13	0.5	3.33	0.008	0.4	0.81	0.16	Yes	0.008 Thermal Discharging
STW021	114	'42997100_/_1415691'	0.4	1.5	10	0.024	3	2.48	0.48	Yes	0.024 Thermal Discharging
STW021	115	'1415694_/_7834966_2'	0.4	1.5	10	0.024	3	2.48	0.48	Yes	0.024 Thermal Discharging
STW021	116	'473686316_/_102934338_1'	0.13	0.5	3.33	0.008	0.4	0.81	0.16	Yes	0.008 Thermal Discharging
STW021	117	'106391837_/_106391802'	0.13	0.5	3.33	0.008	0.4	0.8	0.16	Yes	0.008 Thermal Discharging
STW021	118	'107534928_/_7834966_1'	0.4	1.5	10	0.024	1.4	2.44	0.48	Yes	0.024 Thermal Discharging
STW021	119	'106391036_/_106391038'	0.13	0.5	3.33	0.008	0.4	0.79	0.16	Yes	0.008 Thermal Discharging
STW021	120	'1415624_/_1415636'	0.27	0.93	6.67	0.016	2	1.6	0.32	Yes	0.016 Thermal Discharging
STW021	121	'102934341_/_102934338_2'	0.13	0.5	3.33	0.008	0.4	0.78	0.16	Yes	0.008 Thermal Discharging
STW021	122	'1414520_/_120766409_2'	0.4	1.5	10	0.024	1.3	2.19	0.48	Yes	0.024 Thermal Discharging
STW021	123	'106391072_/_106391074'	0.13	0.47	3.33	0.008	0.4	0.77	0.16	Yes	0.008 Thermal Discharging
STW021	124	'1418300_/_106391839'	0.13	0.47	3.33	0.008	0.4	0.77	0.16	Yes	0.008 Thermal Discharging
STW021	125	'1417662_/_1417702'	0.13	0.47	3.33	0.008	0.4	0.76	0.16	Yes	0.008 Thermal Discharging
STW021	126	'1415609_/_1415621'	0.27	0.93	6.67	0.016	2	1.54	0.32	Yes	0.016 Thermal Discharging
STW021	127	'1418365_/_1420766'	0.13	0.47	3.33	0.008	0.4	0.75	0.16	Yes	0.008 Thermal Discharging
STW021	128	'106391873_/_1418298'	0.13	0.47	3.33	0.008	0.4	0.74	0.16	Yes	0.008 Thermal Discharging
STW021	129	'1417763_/_1417800'	0.13	0.47	3.33	0.008	0.4	0.74	0.16	Yes	0.008 Thermal Discharging
STW021	130	'1415594_/_1415606'	0.27	0.87	6.67	0.016	2	1.49	0.32	Yes	0.016 Thermal Discharging
STW021	131	'1417764_/_1417761'	0.13	0.43	3.33	0.008	0.4	0.72	0.16	Yes	0.008 Thermal Discharging
STW021	132	'106391910_/_106391875'	0.13	0.43	3.33	0.008	0.4	0.72	0.16	Yes	0.008 Thermal Discharging
STW021	133	'106391169_/_106391171'	0.13	0.43	3.33	0.008	0.4	0.72	0.16	Yes	0.008 Thermal Discharging
STW021	134	'50408022_/_1414752'	0.4	1.3	10	0.024	1.3	2.01	0.48	Yes	0.024 Thermal Discharging
STW021	135	'1415579_/_1415591'	0.27	0.87	6.67	0.016	2	1.44	0.32	Yes	0.016 Thermal Discharging
STW021	136	'1417777_/_1417774'	0.13	0.43	3.33	0.008	0.4	0.7	0.16	Yes	0.008 Thermal Discharging
STW021	137	'106391947_/_106391912'	0.1	0.43	3.33	0.008	0.4	0.7	0.16	Yes	0.008 Thermal Discharging
STW021	138	'106391205_/_106391207'	0.1	0.43	3.33	0.008	0.4	0.69	0.16	Yes	0.008 Thermal Discharging
STW021	139	'1417663_/_1417660'	0.1	0.43	3.33	0.008	0.4	0.69	0.16	Yes	0.008 Thermal Discharging
STW021	140	'1418340_/_627392092'	0.1	0.43	3.33	0.008	0.4	0.69	0.16	Yes	0.008 Thermal Discharging
STW021	141	'1415578_/_1415576'	0.2	0.8	6.67	0.016	2	1.39	0.32	Yes	0.016 Thermal Discharging
STW021	142	'Node_6486538692_/_Section_6486538693'	0.1	0.4	3.33	0.008	0.4	0.68	0.16	Yes	0.008 Thermal Discharging
STW021	143	'Node_6486541178_/_6486541084'	0.1	0.4	3.33	0.008	0.4	0.68	0.16	Yes	0.008 Thermal Discharging
STW021	144	'1414521_/_1414518'	0.2	0.87	6.67	0.016	0.7	1.29	0.32	Yes	0.016 Thermal Discharging
STW021	145	'1418301_/_106391949'	0.1	0.4	3.33	0.008	0.4	0.68	0.16	Yes	0.008 Thermal Discharging
STW021	146	'Node_6486538660_/_Section_6486538661'	0.1	0.4	3.33	0.008	0.1	0.67	0.16	Yes	0.008 Thermal Discharging
STW021	147	'Node_6486541146_/_6486541179'	0.1	0.4	3.33	0.008	0.1	0.67	0.16	Yes	0.008 Thermal Discharging
STW021	148	'117373243_/_1418350'	0.1	0.4	3.33	0.008	0.4	0.67	0.16	Yes	0.008 Thermal Discharging
STW021	149	'106391242_/_106391244'	0.1	0.4	3.33	0.008	0.4	0.67	0.16	Yes	0.008 Thermal Discharging
STW021	150	'42996730_/_42996732'	0.1	0.4	3.33	0.008	0.1	0.67	0.16	Yes	0.008 Thermal Discharging
STW021	151	'1417883_/_627392106'	0.1	0.4	3.33	0.008	0.4	0.67	0.16	Yes	0.008 Thermal Discharging
STW021	152	'Node_6486541095_/_6486541147'	0.1	0.4	3.33	0.008	0.1	0.67	0.16	Yes	0.008 Thermal Discharging
STW021	153	'1417882_/_1417880'	0.1	0.4	3.33	0.008	0.4	0.66	0.16	Yes	0.008 Thermal Discharging
STW021	154	'106392001_/_1418311'	0.1	0.4	3.33	0.008	0.4	0.66	0.16	Yes	0.008 Thermal Discharging
STW021	155	'243508279_/_1417673'	0.1	0.4	3.33	0.008	0.4	0.66	0.16	Yes	0.008 Thermal Discharging
STW021	156	'1417895_/_42996766'	0.1	0.4	3.33	0.008	0.4	0.65	0.16	Yes	0.008 Thermal Discharging
STW021	157	'106391279_/_106391281'	0.1	0.4	3.33	0.008	0.4	0.65	0.16	Yes	0.008 Thermal Discharging
STW021	158	'1414755_/_50408019'	0.3	1.2	10	0.024	1.3	1.86	0.48	Yes	0.024 Thermal Discharging
STW021	159	'1417935_/_1417945'	0.1	0.4	3.33	0.008	0.4	0.65	0.16	Yes	0.008 Thermal Discharging
STW021	160	'7523812_/_7523809'	0.1	0.4	3.33	0.008	0.4	0.64	0.16	Yes	0.008 Thermal Discharging
STW021	161	'106392020_/_106392003'	0.1	0.4	3.33	0.008	0.4	0.64	0.16	Yes	0.008 Thermal Discharging
STW021	162	'42997063_/_42997065'	0.2	0.73	6.67	0.016	2	1.29	0.32	Yes	0.016 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
STW021	163	'1417676_/_243508281'		0.1	0.37	3.33	0.008	0.4	0.63	0.16 Yes	0.008 Thermal Discharging
STW021	164	'106391316_/_106391318'		0.1	0.37	3.33	0.008	0.4	0.63	0.16 Yes	0.008 Thermal Discharging
STW021	165	'120764626_/_120764628'		0.2	0.73	6.67	0.016	2	1.27	0.32 Yes	0.016 Thermal Discharging
STW021	166	'1417816_/_1417813'		0.1	0.37	3.33	0.008	0.4	0.62	0.16 Yes	0.008 Thermal Discharging
STW021	167	'106392057_/_106392022'		0.1	0.37	3.33	0.008	0.4	0.62	0.16 Yes	0.008 Thermal Discharging
STW021	168	'253685683_/_243508372_1'		0.1	0.37	3.33	0.008	0.2	0.62	0.16 Yes	0.008 Thermal Discharging
STW021	169	'42996753_/_42996755'		0.1	0.37	3.33	0.008	0.4	0.61	0.16 Yes	0.008 Thermal Discharging
STW021	170	'120764604_/_120764606'		0.2	0.73	6.67	0.016	2	1.25	0.32 Yes	0.016 Thermal Discharging
STW021	171	'106391353_/_106391355'		0.1	0.37	3.33	0.008	0.4	0.61	0.16 Yes	0.008 Thermal Discharging
STW021	172	'243508348_/_243508372_2'		0.1	0.37	3.33	0.008	0.2	0.61	0.16 Yes	0.008 Thermal Discharging
STW021	173	'106392094_/_106392059'		0.1	0.37	3.33	0.008	0.4	0.6	0.16 Yes	0.008 Thermal Discharging
STW021	174	'1417922_/_1417932'		0.1	0.37	3.33	0.008	0.4	0.6	0.16 Yes	0.008 Thermal Discharging
STW021	175	'120764685_/_42997077_2'		0.2	0.73	6.67	0.016	2	1.23	0.32 Yes	0.016 Thermal Discharging
STW021	176	'42997075_/_42997077_1'		0.2	0.73	6.67	0.016	2	1.23	0.32 Yes	0.016 Thermal Discharging
STW021	177	'120764686_/_1419100'		0.2	0.73	6.67	0.016	2	1.21	0.32 Yes	0.016 Thermal Discharging
STW021	178	'106391390_/_106391392'		0.1	0.37	3.33	0.008	0.4	0.59	0.16 Yes	0.008 Thermal Discharging
STW021	179	'1414924_/_1414938'		0.3	1.1	10	0.024	1	1.7	0.48 Yes	0.024 Thermal Discharging
STW021	180	'106392131_/_106392096'		0.1	0.37	3.33	0.008	0.4	0.59	0.16 Yes	0.008 Thermal Discharging
STW021	181	'1417370_/_1417367'		0.3	1	10	0.024	1.3	1.69	0.48 Yes	0.024 Thermal Discharging
STW021	182	'1417909_/_1417919'		0.1	0.33	3.33	0.008	0.4	0.58	0.16 Yes	0.008 Thermal Discharging
STW021	183	'42996646_/_1414536'		0.2	0.67	6.67	0.016	0.7	1.11	0.32 Yes	0.016 Thermal Discharging
STW021	184	'106391427_/_106391429'		0.1	0.33	3.33	0.008	0.4	0.57	0.16 Yes	0.008 Thermal Discharging
STW021	185	'106392168_/_106392133'		0.1	0.33	3.33	0.008	0.4	0.57	0.16 Yes	0.008 Thermal Discharging
STW021	186	'1417908_/_42996777'		0.1	0.33	3.33	0.008	0.4	0.57	0.16 Yes	0.008 Thermal Discharging
STW021	187	'106392205_/_106392170'		0.1	0.33	3.33	0.008	0.4	0.56	0.16 Yes	0.008 Thermal Discharging
STW021	188	'106391483_/_106391485'		0.1	0.33	3.33	0.008	0.4	0.56	0.16 Yes	0.008 Thermal Discharging
STW021	189	'116732851_/_106392207'		0.1	0.33	3.33	0.008	0.4	0.54	0.16 Yes	0.008 Thermal Discharging
STW021	190	'106391501_/_106391503'		0.07	0.33	3.33	0.008	0.4	0.54	0.16 Yes	0.008 Thermal Discharging
STW021	191	'116732923_/_116732853'		0.07	0.3	3.33	0.008	0.4	0.53	0.16 Yes	0.008 Thermal Discharging
STW021	192	'106391538_/_106391540'		0.07	0.3	3.33	0.008	0.4	0.53	0.16 Yes	0.008 Thermal Discharging
STW021	193	'1414554_/_42996648'		0.13	0.6	6.67	0.016	0.7	1.02	0.32 Yes	0.016 Thermal Discharging
STW021	194	'154172547_/_1417384_1'		0.2	0.9	10	0.024	1.3	1.52	0.48 Yes	0.024 Thermal Discharging
STW021	195	'42996670_/_42996672'		0.2	0.9	10	0.024	1	1.53	0.48 Yes	0.024 Thermal Discharging
STW021	196	'1417387_/_1417384_2'		0.2	0.9	10	0.024	1.3	1.51	0.48 Yes	0.024 Thermal Discharging
STW021	197	'116732877_/_116732879'		0.07	0.3	3.33	0.008	0.4	0.52	0.16 Yes	0.008 Thermal Discharging
STW021	198	'116732916_/_9414780_1'		0.07	0.3	3.33	0.008	0.1	0.51	0.16 Yes	0.008 Thermal Discharging
STW021	199	'106391575_/_106391577'		0.07	0.3	3.33	0.008	0.4	0.51	0.16 Yes	0.008 Thermal Discharging
STW021	200	'116733206_/_1418220'		0.07	0.3	3.33	0.008	0.4	0.51	0.16 Yes	0.008 Thermal Discharging
STW021	201	'116732896_/_9414780_2'		0.07	0.3	3.33	0.008	0.1	0.51	0.16 Yes	0.008 Thermal Discharging
STW021	202	'116733225_/_116733208'		0.07	0.3	3.33	0.008	0.4	0.5	0.16 Yes	0.008 Thermal Discharging
STW021	203	'116735612_/_116735614'		0.07	0.3	3.33	0.008	0.4	0.5	0.16 Yes	0.008 Thermal Discharging
STW021	204	'1418045_/_1418470'		0.07	0.3	3.33	0.008	0.4	0.5	0.16 Yes	0.008 Thermal Discharging
STW021	205	'117373278_/_116733227_1'		0.07	0.3	3.33	0.008	0.2	0.49	0.16 Yes	0.008 Thermal Discharging
STW021	206	'150172692_/_116733227_2'		0.07	0.3	3.33	0.008	0.2	0.49	0.16 Yes	0.008 Thermal Discharging
STW021	207	'117373256_/_150172696'		0.07	0.3	3.33	0.008	0.2	0.49	0.16 Yes	0.008 Thermal Discharging
STW021	208	'116735649_/_116735651'		0.07	0.3	3.33	0.008	0.4	0.49	0.16 Yes	0.008 Thermal Discharging
STW021	209	'106391613_/_106391615'		0.07	0.3	3.33	0.008	0.4	0.49	0.16 Yes	0.008 Thermal Discharging
STW021	210	'116735515_/_116735517'		0.07	0.27	3.33	0.008	0.4	0.48	0.16 Yes	0.008 Thermal Discharging
STW021	211	'42996786_/_42996788'		0.07	0.27	3.33	0.008	0.4	0.48	0.16 Yes	0.008 Thermal Discharging
STW021	212	'106391651_/_106391653'		0.07	0.27	3.33	0.008	0.4	0.48	0.16 Yes	0.008 Thermal Discharging
STW021	213	'1414569_/_1414566'		0.13	0.53	6.67	0.016	0.7	0.93	0.32 Yes	0.016 Thermal Discharging
STW021	214	'1414890_/_1414904'		0.2	0.8	10	0.024	1	1.4	0.48 Yes	0.024 Thermal Discharging
STW021	215	'117373351_/_42996876'		0.07	0.27	3.33	0.008	0.4	0.47	0.16 Yes	0.008 Thermal Discharging
STW021	216	'106392298_/_106392300'		0.07	0.27	3.33	0.008	0.4	0.47	0.16 Yes	0.008 Thermal Discharging
STW021	217	'1417404_/_1417401'		0.2	0.8	10	0.024	1.3	1.38	0.48 Yes	0.024 Thermal Discharging
STW021	218	'106391689_/_106391691'		0.07	0.27	3.33	0.008	0.4	0.47	0.16 Yes	0.008 Thermal Discharging
STW021	219	'117373439_/_117373353'		0.07	0.27	3.33	0.008	0.4	0.46	0.16 Yes	0.008 Thermal Discharging
STW021	220	'106392336_/_106392338'		0.07	0.27	3.33	0.008	0.4	0.46	0.16 Yes	0.008 Thermal Discharging
STW021	221	'106390818_/_106390820'		0.07	0.27	3.33	0.008	0.4	0.46	0.16 Yes	0.008 Thermal Discharging
STW021	222	'106392374_/_106392376'		0.07	0.27	3.33	0.008	0.4	0.45	0.16 Yes	0.008 Thermal Discharging
STW021	223	'1414021_/_120766085'		0.2	0.8	10	0.024	0.5	1.21	0.48 Yes	0.024 Thermal Discharging
STW021	224	'106392393_/_106392395'		0.07	0.27	3.33	0.008	0.4	0.44	0.16 Yes	0.008 Thermal Discharging
STW021	225	'154187111_/_1420589_1'		0.2	0.8	10	0.024	0.5	1.2	0.48 Yes	0.024 Thermal Discharging
STW021	226	'1414873_/_1414887'		0.2	0.8	10	0.024	1	1.28	0.48 Yes	0.024 Thermal Discharging
STW021	227	'106392431_/_106392433'		0.07	0.27	3.33	0.008	0.4	0.43	0.16 Yes	0.008 Thermal Discharging
STW021	228	'91264070_/_91264072'		0.07	0.23	3.33	0.008	0.4	0.42	0.16 Yes	0.008 Thermal Discharging
STW021	229	'1414976_/_1417418'		0.2	0.7	10	0.024	1.3	1.25	0.48 Yes	0.024 Thermal Discharging
STW021	230	'42997194_/_1420589_2'		0.2	0.8	10	0.024	0.5	1.15	0.48 Yes	0.024 Thermal Discharging
STW021	231	'91264108_/_91264110'		0.07	0.23	3.33	0.008	0.4	0.41	0.16 Yes	0.008 Thermal Discharging
STW021	232	'42996658_/_1414581'		0.13	0.47	6.67	0.016	0.7	0.81	0.32 Yes	0.016 Thermal Discharging
STW021	233	'42996563_/_1414870'		0.2	0.7	10	0.024	1	1.21	0.48 Yes	0.024 Thermal Discharging
STW021	234	'91264146_/_91264148'		0.07	0.23	3.33	0.008	0.4	0.41	0.16 Yes	0.008 Thermal Discharging
STW021	235	'91264184_/_91264186'		0.07	0.23	3.33	0.008	0.4	0.4	0.16 Yes	0.008 Thermal Discharging
STW021	236	'1414977_/_1414974'		0.07	0.23	3.33	0.008	0.3	0.39	0.16 Yes	0.008 Thermal Discharging
STW021	237	'116735736_/_116735738'		0.07	0.23	3.33	0.008	0.4	0.39	0.16 Yes	0.008 Thermal Discharging
STW021	238	'1417438_/_1417435'		0.2	0.7	10	0.024	1.3	1.15	0.48 Yes	0.024 Thermal Discharging
STW021	239	'1414341_/_42996565'		0.2	0.7	10	0.024	1	1.16	0.48 Yes	0.024 Thermal Discharging
STW021	240	'117374070_/_1418233'		0.07	0.23	3.33	0.008	0.4	0.39	0.16 Yes	0.008 Thermal Discharging
STW021	241	'91264222_/_91264224'		0.07	0.23	3.33	0.008	0.4	0.38	0.16 Yes	0.008 Thermal Discharging
STW021	242	'1420609_/_1420606'		0.2	0.7	10	0.024	0.5	1.07	0.48 Yes	0.024 Thermal Discharging
STW021	243	'91264260_/_91264262'		0.07	0.23	3.33	0.008	0.4	0.38	0.16 Yes	0.008 Thermal Discharging
STW021	244	'71543986_/_71543955'		0.2	0.6	10	0.024	1	1.12	0.48 Yes	0.024 Thermal Discharging
STW021	245	'116735827_/_116735829'		0.07	0.2	3.33	0.008	0.4	0.37	0.16 Yes	0.008 Thermal Discharging
STW021	246	'1414342_/_1414339'		0.07	0.2	3.33	0.008	0.3	0.37	0.16 Yes	0.008 Thermal Discharging
STW021	247	'116735791_/_1418259'		0.03	0.2	3.33	0.008	0.4	0.36	0.16 Yes	0.008 Thermal Discharging
STW021	248	'1417455_/_1417452'		0.1	0.6	10	0.024	1.3	1.07	0.48 Yes	0.024 Thermal Discharging
STW021	249	'1420629_/_1420626'		0.1	0.6	10	0.024	0.5	1.01	0.48 Yes	0.024 Thermal Discharging
STW021	250	'8155035_/_8155033_1'		0.1	0.6	10	0.024	0.4	1.06	0.48 Yes	0.024 Thermal Discharging
STW021	251	'116735887_/_116735793'		0.03	0.2	3.33	0.008	0.4	0.36	0.16 Yes	0.008 Thermal Discharging
STW021	252	'1418194_/_116735889'		0.03	0.2	3.33	0.008	0.4	0.35	0.16 Yes	0.008 Thermal Discharging
STW021	253	'1414993_/_1414990'		0.03	0.2	3.33	0.008	0.3	0.35	0.16 Yes	0.008 Thermal Discharging
STW021	254	'116736046_/_1418204'		0.03	0.2	3.33	0.008	0.4	0.35	0.16 Yes	0.008 Thermal Discharging
STW021	255	'91264297_/_91264299'		0.03	0.2	3.33	0.008	0.4	0.35	0.16 Yes	0.008 Thermal Discharging
STW021	256	'1414313_/_1414355'		0.03	0.2	3.33	0.008	0.3	0.35	0.16 Yes	0.008 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
STW021	257	'91264333_/_91264335'	0.03	0.2	3.33	0.008	0.4	0.35	0.16	Yes	0.008 Thermal Discharging
STW021	258	'117374114_/_116736048'	0.03	0.2	3.33	0.008	0.4	0.35	0.16	Yes	0.008 Thermal Discharging
STW021	259	'91264369_/_91264371'	0.03	0.2	3.33	0.008	0.4	0.34	0.16	Yes	0.008 Thermal Discharging
STW021	260	'1414602_/_1414599'	0.07	0.4	6.67	0.016	0.7	0.68	0.32	Yes	0.016 Thermal Discharging
STW021	261	'1419780_/_1419777'	0.03	0.2	3.33	0.008	0.3	0.34	0.16	Yes	0.008 Thermal Discharging
STW021	262	'7204293_/_9102657_1'	0.03	0.2	3.33	0.008	0.1	0.34	0.16	Yes	0.008 Thermal Discharging
STW021	263	'120766020_/_1420643_1'	0.1	0.6	10	0.024	0.5	0.96	0.48	Yes	0.024 Thermal Discharging
STW021	264	'8155036_/_8155033_2'	0.1	0.6	10	0.024	0.4	1.01	0.48	Yes	0.024 Thermal Discharging
STW021	265	'1418193_/_1418191'	0.03	0.2	3.33	0.008	0.4	0.34	0.16	Yes	0.008 Thermal Discharging
STW021	266	'1414186_/_1420643_2'	0.1	0.6	10	0.024	0.5	0.95	0.48	Yes	0.024 Thermal Discharging
STW021	267	'1417472_/_1417469'	0.1	0.6	10	0.024	1.3	0.99	0.48	Yes	0.024 Thermal Discharging
STW021	268	'91264405_/_91264407'	0.03	0.2	3.33	0.008	0.4	0.33	0.16	Yes	0.008 Thermal Discharging
STW021	269	'1414312_/_1414310'	0.03	0.2	3.33	0.008	0.3	0.33	0.16	Yes	0.008 Thermal Discharging
STW021	270	'42996683_/_1417233'	0.03	0.2	3.33	0.008	0.3	0.32	0.16	Yes	0.008 Thermal Discharging
STW021	271	'91264441_/_91264443'	0.03	0.2	3.33	0.008	0.4	0.33	0.16	Yes	0.008 Thermal Discharging
STW021	272	'1419793_/_1419790'	0.03	0.17	3.33	0.008	0.3	0.32	0.16	Yes	0.008 Thermal Discharging
STW021	273	'1414860_/_1414857'	0.03	0.17	3.33	0.008	0.3	0.32	0.16	Yes	0.008 Thermal Discharging
STW021	274	'9102660_/_9102657_2'	0.03	0.17	3.33	0.008	0.1	0.32	0.16	Yes	0.008 Thermal Discharging
STW021	275	'1414370_/_1414368'	0.03	0.17	3.33	0.008	0.3	0.32	0.16	Yes	0.008 Thermal Discharging
STW021	276	'91264477_/_91264479'	0.03	0.17	3.33	0.008	0.4	0.32	0.16	Yes	0.008 Thermal Discharging
STW021	277	'91264513_/_91264515'	0.03	0.17	3.33	0.008	0.4	0.31	0.16	Yes	0.008 Thermal Discharging
STW021	278	'1417316_/_1417486'	0.1	0.5	10	0.024	1.3	0.92	0.48	Yes	0.024 Thermal Discharging
STW021	279	'91264549_/_91264551'	0.03	0.17	3.33	0.008	0.4	0.31	0.16	Yes	0.008 Thermal Discharging
STW021	280	'1414187_/_1414184'	0.1	0.5	10	0.024	0.5	0.88	0.48	Yes	0.024 Thermal Discharging
STW021	281	'8154996_/_8155013_1'	0.1	0.5	10	0.024	0.4	0.87	0.48	Yes	0.024 Thermal Discharging
STW021	282	'1419809_/_1419806'	0.03	0.17	3.33	0.008	0.3	0.3	0.16	Yes	0.008 Thermal Discharging
STW021	283	'1418181_/_1418431'	0.03	0.17	3.33	0.008	0.4	0.3	0.16	Yes	0.008 Thermal Discharging
STW021	284	'1414961_/_1417246'	0.03	0.17	3.33	0.008	0.3	0.3	0.16	Yes	0.008 Thermal Discharging
STW021	285	'416201925_/_1417503'	0.1	0.5	10	0.024	1.3	0.91	0.48	Yes	0.024 Thermal Discharging
STW021	286	'91264585_/_1418178'	0.03	0.17	3.33	0.008	0.4	0.3	0.16	Yes	0.008 Thermal Discharging
STW021	287	'1420719_/_1420702'	0.07	0.33	6.67	0.016	0.7	0.6	0.32	Yes	0.016 Thermal Discharging
STW021	288	'8155016_/_8155013_2'	0.1	0.5	10	0.024	0.4	0.86	0.48	Yes	0.024 Thermal Discharging
STW021	289	'1418135_/_1418418'	0.03	0.17	3.33	0.008	0.4	0.3	0.16	Yes	0.008 Thermal Discharging
STW021	290	'91264622_/_91264587'	0.03	0.17	3.33	0.008	0.4	0.3	0.16	Yes	0.008 Thermal Discharging
STW021	291	'91264660_/_91264624'	0.03	0.17	3.33	0.008	0.4	0.3	0.16	Yes	0.008 Thermal Discharging
STW021	292	'368844833_/_1417314'	0.1	0.5	10	0.024	1	0.88	0.48	Yes	0.024 Thermal Discharging
STW021	293	'102934010_/_102934012'	0.03	0.17	3.33	0.008	0.4	0.3	0.16	Yes	0.008 Thermal Discharging
STW021	294	'102933857_/_91264662'	0.03	0.17	3.33	0.008	0.4	0.29	0.16	Yes	0.008 Thermal Discharging
STW021	295	'1419822_/_1419819'	0.03	0.17	3.33	0.008	0.3	0.29	0.16	Yes	0.008 Thermal Discharging
STW021	296	'1418136_/_1418133'	0.03	0.17	3.33	0.008	0.4	0.29	0.16	Yes	0.008 Thermal Discharging
STW021	297	'1414329_/_1414958'	0.03	0.17	3.33	0.008	0.3	0.29	0.16	Yes	0.008 Thermal Discharging
STW021	298	'1418180_/_102933859'	0.03	0.17	3.33	0.008	0.4	0.29	0.16	Yes	0.008 Thermal Discharging
STW021	299	'1417506_/_42996708'	0.1	0.5	10	0.024	1.3	0.86	0.48	Yes	0.024 Thermal Discharging
STW021	300	'116736317_/_1418146'	0.03	0.17	3.33	0.008	0.4	0.29	0.16	Yes	0.008 Thermal Discharging
STW021	301	'102933894_/_102933898'	0.03	0.17	3.33	0.008	0.4	0.28	0.16	Yes	0.008 Thermal Discharging
STW021	302	'1414204_/_1414201'	0.1	0.5	10	0.024	0.5	0.82	0.48	Yes	0.024 Thermal Discharging
STW021	303	'102934046_/_1418444'	0.03	0.17	3.33	0.008	0.4	0.28	0.16	Yes	0.008 Thermal Discharging
STW021	304	'102933932_/_102933936'	0.03	0.17	3.33	0.008	0.4	0.28	0.16	Yes	0.008 Thermal Discharging
STW021	305	'1418149_/_116736319'	0.03	0.17	3.33	0.008	0.4	0.28	0.16	Yes	0.008 Thermal Discharging
STW021	306	'1419860_/_1419858'	0.03	0.17	3.33	0.008	0.3	0.28	0.16	Yes	0.008 Thermal Discharging
STW021	307	'1414328_/_1414326'	0.03	0.17	3.33	0.008	0.3	0.28	0.16	Yes	0.008 Thermal Discharging
STW021	308	'102934120_/_1418162'	0.03	0.17	3.33	0.008	0.4	0.28	0.16	Yes	0.008 Thermal Discharging
STW021	309	'102934083_/_102934048'	0.03	0.17	3.33	0.008	0.4	0.28	0.16	Yes	0.008 Thermal Discharging
STW021	310	'102933971_/_102933975'	0.03	0.17	3.33	0.008	0.4	0.28	0.16	Yes	0.008 Thermal Discharging
STW021	311	'1419847_/_1419845'	0.03	0.17	3.33	0.008	0.3	0.27	0.16	Yes	0.008 Thermal Discharging
STW021	312	'102934139_/_102934122'	0.03	0.17	3.33	0.008	0.4	0.28	0.16	Yes	0.008 Thermal Discharging
STW021	313	'42996852_/_42996854'	0.03	0.17	3.33	0.008	0.4	0.27	0.16	Yes	0.008 Thermal Discharging
STW021	314	'42996694_/_368844835'	0.1	0.4	10	0.024	1	0.82	0.48	Yes	0.024 Thermal Discharging
STW021	315	'117374202_/_102934085'	0.03	0.17	3.33	0.008	0.4	0.27	0.16	Yes	0.008 Thermal Discharging
STW021	316	'42996841_/_102934141'	0.03	0.17	3.33	0.008	0.4	0.27	0.16	Yes	0.008 Thermal Discharging
STW021	317	'1417261_/_1419874'	0.03	0.13	3.33	0.008	0.3	0.27	0.16	Yes	0.008 Thermal Discharging
STW021	318	'117374259_/_8753054_1'	0.03	0.17	3.33	0.008	0.2	0.27	0.16	Yes	0.008 Thermal Discharging
STW021	319	'50169520_/_119466951'	0.1	0.4	10	0.024	1.3	0.81	0.48	Yes	0.024 Thermal Discharging
STW021	320	'8753057_/_8753054_2'	0.03	0.17	3.33	0.008	0.2	0.27	0.16	Yes	0.008 Thermal Discharging
STW021	321	'1414224_/_1414221'	0.1	0.4	10	0.024	0.5	0.77	0.48	Yes	0.024 Thermal Discharging
STW021	322	'1417340_/_42996696'	0.07	0.27	6.67	0.016	0.67	0.53	0.32	Yes	0.016 Thermal Discharging
STW021	323	'264837882_/_1414238'	0.1	0.4	10	0.024	0.5	0.76	0.48	Yes	0.024 Thermal Discharging
STW021	324	'276477255_/_264837950_1'	0.1	0.4	10	0.024	0.4	0.75	0.48	Yes	0.024 Thermal Discharging
STW021	325	'50169491_/_50169517'	0.1	0.4	10	0.024	1.3	0.77	0.48	Yes	0.024 Thermal Discharging
STW021	326	'1414258_/_1414271'	0.03	0.13	3.33	0.008	0.17	0.25	0.16	Yes	0.008 Thermal Discharging
STW021	327	'1414241_/_264837884'	0.1	0.4	10	0.024	0.5	0.74	0.48	Yes	0.024 Thermal Discharging
STW021	328	'1417357_/_1417354'	0.03	0.13	3.33	0.008	0.3	0.26	0.16	Yes	0.008 Thermal Discharging
STW021	329	'1417262_/_1417259'	0.03	0.13	3.33	0.008	0.3	0.25	0.16	Yes	0.008 Thermal Discharging
STW021	330	'1418758_/_1418755'	0.03	0.13	3.33	0.008	0.3	0.24	0.16	Yes	0.008 Thermal Discharging
STW021	331	'1414257_/_1414255'	0.03	0.13	3.33	0.008	0.17	0.24	0.16	Yes	0.008 Thermal Discharging
STW021	332	'1417523_/_50169488'	0.1	0.4	10	0.024	1.3	0.73	0.48	Yes	0.024 Thermal Discharging
STW021	333	'264837931_/_264837950_2'	0.1	0.4	10	0.024	0.4	0.71	0.48	Yes	0.024 Thermal Discharging
STW021	334	'1414287_/_1414284'	0.03	0.13	3.33	0.008	0.17	0.23	0.16	Yes	0.008 Thermal Discharging
STW021	335	'1417274_/_1418768'	0.03	0.13	3.33	0.008	0.3	0.24	0.16	Yes	0.008 Thermal Discharging
STW021	336	'1415990_/_1415988'	0.03	0.13	3.33	0.008	0.17	0.23	0.16	Yes	0.008 Thermal Discharging
STW021	337	'117373079_/_116733246_1'	0.03	0.13	3.33	0.008	0.1	0.22	0.16	Yes	0.008 Thermal Discharging
STW021	338	'1417868_/_42996743'	0.07	0.27	6.67	0.016	0.6	0.46	0.32	Yes	0.016 Thermal Discharging
STW021	339	'1417557_/_1417571'	0.1	0.4	10	0.024	1	0.69	0.48	Yes	0.024 Thermal Discharging
STW021	340	'1414300_/_1414297'	0.03	0.13	3.33	0.008	0.17	0.22	0.16	Yes	0.008 Thermal Discharging
STW021	341	'42997019_/_1417272'	0.03	0.13	3.33	0.008	0.3	0.22	0.16	Yes	0.008 Thermal Discharging
STW021	342	'42996719_/_1417591'	0.03	0.13	3.33	0.008	0.3	0.22	0.16	Yes	0.008 Thermal Discharging
STW021	343	'1417594_/_1417604_1'	0.03	0.13	3.33	0.008	0.1	0.22	0.16	Yes	0.008 Thermal Discharging
STW021	344	'42997183_/_1420482'	0.03	0.13	3.33	0.008	0.17	0.22	0.16	Yes	0.008 Thermal Discharging
STW021	345	'1418603_/_1418600'	0.03	0.13	3.33	0.008	0.17	0.21	0.16	Yes	0.008 Thermal Discharging
STW021	346	'1417556_/_1417554'	0.1	0.3	10	0.024	1	0.66	0.48	Yes	0.024 Thermal Discharging
STW021	347	'1417288_/_42997021'	0.03	0.13	3.33	0.008	0.3	0.22	0.16	Yes	0.008 Thermal Discharging
STW021	348	'1417747_/_1417787'	0.03	0.1	3.33	0.008	0.3	0.22	0.16	Yes	0.008 Thermal Discharging
STW021	349	'116733263_/_116733246_2'	0.03	0.13	3.33	0.008	0.1	0.2	0.16	Yes	0.008 Thermal Discharging
STW021	350	'1417301_/_1417298'	0.03	0.1	3.33	0.008	0.3	0.21	0.16	Yes	0.008 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over- Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
STW021	351	'1416056_/_1418613'		0.03	0.1	3.33	0.008	0.17	0.21	0.16 Yes	0.008 Thermal Discharging
STW021	352	'1416377_/_1416387'		0.03	0.1	3.33	0.008	0.17	0.21	0.16 Yes	0.008 Thermal Discharging
STW021	353	'1416055_/_1416053'		0.03	0.1	3.33	0.008	0.17	0.2	0.16 Yes	0.008 Thermal Discharging
STW021	354	'1417748_/_1417745'		0.03	0.1	3.33	0.008	0.3	0.21	0.16 Yes	0.008 Thermal Discharging
STW021	355	'1417539_/_1417537'		0.1	0.3	10	0.024	1	0.62	0.48 Yes	0.024 Thermal Discharging
STW021	356	'1416364_/_1416374'		0.03	0.1	3.33	0.008	0.17	0.2	0.16 Yes	0.008 Thermal Discharging
STW021	357	'1417607_/_1417604_2'		0.03	0.1	3.33	0.008	0.1	0.2	0.16 Yes	0.008 Thermal Discharging
STW021	358	'1416082_/_1416079'		0.03	0.1	3.33	0.008	0.17	0.2	0.16 Yes	0.008 Thermal Discharging
STW021	359	'1416030_/_1416040'		0.03	0.1	3.33	0.008	0.17	0.19	0.16 Yes	0.008 Thermal Discharging
STW021	360	'1418721_/_1418735'		0.1	0.3	10	0.024	1	0.6	0.48 Yes	0.024 Thermal Discharging
STW021	361	'1416351_/_1416361'		0.03	0.1	3.33	0.008	0.17	0.19	0.16 Yes	0.008 Thermal Discharging
STW021	362	'116733282_/_116733265'		0.03	0.1	3.33	0.008	0.1	0.19	0.16 Yes	0.008 Thermal Discharging
STW021	363	'1416095_/_1416092'		0.03	0.1	3.33	0.008	0.17	0.19	0.16 Yes	0.008 Thermal Discharging
STW021	364	'1416017_/_1416027'		0.03	0.1	3.33	0.008	0.17	0.19	0.16 Yes	0.008 Thermal Discharging
STW021	365	'42997006_/_1418718'		0.1	0.3	10	0.024	1	0.58	0.48 Yes	0.024 Thermal Discharging
STW021	366	'1416338_/_1416348'		0.03	0.1	3.33	0.008	0.17	0.18	0.16 Yes	0.008 Thermal Discharging
STW021	367	'1418850_/_1419020'		0.1	0.3	10	0.024	1	0.56	0.48 Yes	0.024 Thermal Discharging
STW021	368	'1417620_/_1417617'		0.03	0.1	3.33	0.008	0.1	0.19	0.16 Yes	0.008 Thermal Discharging
STW021	369	'1416111_/_1416108'		0.03	0.1	3.33	0.008	0.17	0.18	0.16 Yes	0.008 Thermal Discharging
STW021	370	'1416016_/_1416014'		0.03	0.1	3.33	0.008	0.17	0.18	0.16 Yes	0.008 Thermal Discharging
STW021	371	'116733301_/_116733284'		0.03	0.1	3.33	0.008	0.1	0.17	0.16 Yes	0.008 Thermal Discharging
STW021	372	'350014733_/_1416121'		0.03	0.1	3.33	0.008	0.17	0.18	0.16 Yes	0.008 Thermal Discharging
STW021	373	'1416325_/_1416335'		0.03	0.1	3.33	0.008	0.17	0.18	0.16 Yes	0.008 Thermal Discharging
STW021	374	'1418799_/_1418847'		0.1	0.3	10	0.024	1	0.54	0.48 Yes	0.024 Thermal Discharging
STW021	375	'1419006_/_1419004'		0.03	0.1	3.33	0.008	0.33	0.18	0.16 Yes	0.008 Thermal Discharging
STW021	376	'1418800_/_1418797'		0.03	0.1	3.33	0.008	0.33	0.18	0.16 Yes	0.008 Thermal Discharging
STW021	377	'1417633_/_1417630'		0.03	0.1	3.33	0.008	0.1	0.17	0.16 Yes	0.008 Thermal Discharging
STW021	378	'42997172_/_1416322'		0.03	0.1	3.33	0.008	0.17	0.17	0.16 Yes	0.008 Thermal Discharging
STW021	379	'116733320_/_116733303'		0.03	0.1	3.33	0.008	0.1	0.16	0.16 Yes	0.008 Thermal Discharging
STW021	380	'1418816_/_1418830'		0.1	0.3	10	0.024	1	0.51	0.48 Yes	0.024 Thermal Discharging
STW021	381	'622925752_/_1417826'		0.03	0.1	3.33	0.008	0.1	0.17	0.16 Yes	0.008 Thermal Discharging
STW021	382	'1420498_/_42997174'		0.03	0.1	3.33	0.008	0.17	0.16	0.16 Yes	0.008 Thermal Discharging
STW021	383	'116733339_/_116733322'		0.03	0.1	3.33	0.008	0.1	0.15	0.16 Yes	0.008 Thermal Discharging
STW021	384	'1416003_/_1420511'		0.03	0.07	3.33	0.008	0.17	0.16	0.16 Yes	0.008 Thermal Discharging
STW021	385	'1418786_/_1418813'		0.1	0.2	10	0.024	1	0.48	0.48 Yes	0.024 Thermal Discharging
STW021	386	'1416004_/_1416001'		0.03	0.07	3.33	0.008	0.17	0.15	0.16 Yes	0.008 Thermal Discharging
STW021	387	'1418986_/_1418984'		0.1	0.2	10	0.024	1	0.46	0.48 Yes	0.024 Thermal Discharging
STW021	388	'42997030_/_1418784'		0.03	0.07	3.33	0.008	0.3	0.15	0.16 Yes	0.008 Thermal Discharging
STW021	389	'1418787_/_1418864_1'		0.03	0.07	3.33	0.008	0.3	0.15	0.16 Yes	0.008 Thermal Discharging
STW021	390	'1419069_/_1419083'		0.1	0.2	10	0.024	1	0.46	0.48 Yes	0.024 Thermal Discharging
STW021	391	'116733358_/_116733341'		0.03	0.07	3.33	0.008	0.1	0.14	0.16 Yes	0.008 Thermal Discharging
STW021	392	'1418222_/_1418285'		0.03	0.07	3.33	0.008	0.1	0.14	0.16 Yes	0.008 Thermal Discharging
STW021	393	'1418704_/_1419066'		0.1	0.2	10	0.024	1	0.45	0.48 Yes	0.024 Thermal Discharging
STW021	394	'1418671_/_1418701'		0.1	0.2	10	0.024	1	0.44	0.48 Yes	0.024 Thermal Discharging
STW021	395	'117373898_/_42996909'		0.03	0.07	3.33	0.008	0.1	0.14	0.16 Yes	0.008 Thermal Discharging
STW021	396	'116733377_/_116733360'		0.03	0.07	3.33	0.008	0.1	0.14	0.16 Yes	0.008 Thermal Discharging
STW021	397	'1418629_/_1418668'		0.03	0.07	3.33	0.008	0.3	0.14	0.16 Yes	0.008 Thermal Discharging
STW021	398	'1418645_/_1418642'		0.03	0.07	3.33	0.008	0.3	0.14	0.16 Yes	0.008 Thermal Discharging
STW021	399	'1416299_/_1418626'		0.03	0.07	3.33	0.008	0.3	0.14	0.16 Yes	0.008 Thermal Discharging
STW021	400	'42996984_/_1419040'		0.03	0.07	3.33	0.008	0.3	0.14	0.16 Yes	0.008 Thermal Discharging
STW021	401	'1416298_/_42997163'		0.03	0.07	3.33	0.008	0.3	0.13	0.16 Yes	0.008 Thermal Discharging
STW021	402	'116733396_/_116733379'		0.03	0.07	3.33	0.008	0.1	0.13	0.16 Yes	0.008 Thermal Discharging
STW021	403	'1418657_/_42996986'		0.03	0.07	3.33	0.008	0.3	0.13	0.16 Yes	0.008 Thermal Discharging
STW021	404	'1418658_/_1418655'		0.03	0.07	3.33	0.008	0.3	0.13	0.16 Yes	0.008 Thermal Discharging
STW021	405	'116733010_/_116733398'		0.03	0.07	3.33	0.008	0.1	0.12	0.16 Yes	0.008 Thermal Discharging
STW021	406	'1418097_/_1418457'		0.03	0.07	3.33	0.008	0.1	0.12	0.16 Yes	0.008 Thermal Discharging
STW021	407	'1420566_/_1420576'		0.03	0.07	3.33	0.008	0.3	0.12	0.16 Yes	0.008 Thermal Discharging
STW021	408	'116733713_/_116733715'		0.03	0.07	3.33	0.008	0.1	0.12	0.16 Yes	0.008 Thermal Discharging
STW021	409	'1420553_/_1420563'		0.03	0.07	3.33	0.008	0.3	0.12	0.16 Yes	0.008 Thermal Discharging
STW021	410	'116734970_/_116733012'		0.03	0.07	3.33	0.008	0.1	0.12	0.16 Yes	0.008 Thermal Discharging
STW021	411	'116733892_/_116733894'		0.03	0.07	3.33	0.008	0.1	0.12	0.16 Yes	0.008 Thermal Discharging
STW021	412	'1420540_/_1420550'		0.03	0.07	3.33	0.008	0.3	0.12	0.16 Yes	0.008 Thermal Discharging
STW021	413	'1420527_/_1420537'		0.03	0.07	3.33	0.008	0.3	0.12	0.16 Yes	0.008 Thermal Discharging
STW021	414	'116733910_/_116733912'		0.03	0.07	3.33	0.008	0.1	0.11	0.16 Yes	0.008 Thermal Discharging
STW021	415	'1420526_/_1420524'		0.03	0.07	3.33	0.008	0.3	0.11	0.16 Yes	0.008 Thermal Discharging
STW021	416	'116734988_/_1417997'		0.03	0.07	3.33	0.008	0.1	0.11	0.16 Yes	0.008 Thermal Discharging
STW021	417	'42997207_/_42997209'		0.03	0.07	3.33	0.008	0.3	0.11	0.16 Yes	0.008 Thermal Discharging
STW021	418	'1420663_/_1420673'		0.03	0.07	3.33	0.008	0.3	0.11	0.16 Yes	0.008 Thermal Discharging
STW021	419	'1416286_/_1420660'		0.03	0.07	3.33	0.008	0.3	0.11	0.16 Yes	0.008 Thermal Discharging
STW021	420	'116733928_/_116733930'		0.03	0.07	3.33	0.008	0.1	0.11	0.16 Yes	0.008 Thermal Discharging
STW021	421	'1414396_/_622925756'		0.03	0.07	3.33	0.008	0.1	0.11	0.16 Yes	0.008 Thermal Discharging
STW021	422	'1418000_/_116734990'		0.03	0.07	3.33	0.008	0.1	0.1	0.16 Yes	0.008 Thermal Discharging
STW021	423	'42996973_/_42996975'		0.03	0.03	3.33	0.008	0.3	0.11	0.16 Yes	0.008 Thermal Discharging
STW021	424	'432020228_/_1417839'		0.03	0.03	3.33	0.008	0.1	0.11	0.16 Yes	0.008 Thermal Discharging
STW021	425	'116733946_/_116733948'		0.03	0.03	3.33	0.008	0.1	0.1	0.16 Yes	0.008 Thermal Discharging
STW021	426	'1416260_/_1416270'		0.03	0.03	3.33	0.008	0.3	0.11	0.16 Yes	0.008 Thermal Discharging
STW021	427	'1418537_/_1418535'		0.03	0.03	3.33	0.008	0.1	0.1	0.16 Yes	0.008 Thermal Discharging
STW021	428	'116735062_/_1418010'		0.03	0.03	3.33	0.008	0.1	0.1	0.16 Yes	0.008 Thermal Discharging
STW021	429	'1416247_/_1416257'		0.03	0.03	3.33	0.008	0.3	0.1	0.16 Yes	0.008 Thermal Discharging
STW021	430	'116733964_/_116733966'		0.03	0.03	3.33	0.008	0.1	0.1	0.16 Yes	0.008 Thermal Discharging
STW021	431	'1414383_/_432020230'		0.03	0.03	3.33	0.008	0.1	0.1	0.16 Yes	0.008 Thermal Discharging
STW021	432	'42997150_/_1416244'		0.03	0.03	3.33	0.008	0.3	0.1	0.16 Yes	0.008 Thermal Discharging
STW021	433	'116735081_/_116735064'		0.03	0.03	3.33	0.008	0.1	0.1	0.16 Yes	0.008 Thermal Discharging
STW021	434	'1416221_/_1416231'		0.03	0.03	3.33	0.008	0.3	0.1	0.16 Yes	0.008 Thermal Discharging
STW021	435	'116733982_/_116733984'		0.03	0.03	3.33	0.008	0.1	0.1	0.16 Yes	0.008 Thermal Discharging
STW021	436	'1414384_/_42996589'		0.03	0.03	3.33	0.008	0.1	0.1	0.16 Yes	0.008 Thermal Discharging
STW021	437	'1416208_/_1416218'		0.03	0.03	3.33	0.008	0.3	0.1	0.16 Yes	0.008 Thermal Discharging
STW021	438	'1416136_/_1416205'		0.03	0.03	3.33	0.008	0.3	0.1	0.16 Yes	0.008 Thermal Discharging
STW021	439	'1416137_/_1416134'		0.03	0.03	3.33	0.008	0.3	0.09	0.16 Yes	0.008 Thermal Discharging
STW021	440	'116735137_/_116735083'		0.03	0.03	3.33	0.008	0.1	0.09	0.16 Yes	0.008 Thermal Discharging
STW021	441	'116734000_/_116734002'		0.03	0.03	3.33	0.008	0.1	0.09	0.16 Yes	0.008 Thermal Discharging
STW021	442	'1418867_/_1418864_2'		0.03	0.03	3.33	0.008	0.3	0.09	0.16 Yes	0.008 Thermal Discharging
STW021	443	'462466992_/_667432683'		0.03	0.03	3.33	0.008	0.3	0.09	0.16 Yes	0.008 Thermal Discharging
STW021	444	'462467012_/_462467009'		0.03	0.03	3.33	0.008	0.3	0.09	0.16 Yes	0.008 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
STW021	445	'462467477_/_462467592'	0.03	0.03	0.03	3.33	0.008	0.3	0.09	0.16 Yes	0.008 Thermal Discharging
STW021	446	'116734018_/_116734020'	0.03	0.03	0.03	3.33	0.008	0.1	0.09	0.16 Yes	0.008 Thermal Discharging
STW021	447	'116735175_/_116735139'	0.03	0.03	0.03	3.33	0.008	0.1	0.09	0.16 Yes	0.008 Thermal Discharging
STW021	448	'1416179_/_462467505'	0.03	0.03	0.03	3.33	0.008	0.3	0.09	0.16 Yes	0.008 Thermal Discharging
STW021	449	'1416192_/_1416189'	0.03	0.03	0.03	3.33	0.008	0.3	0.09	0.16 Yes	0.008 Thermal Discharging
STW021	450	'116734036_/_116734038'	0.03	0.03	0.03	3.33	0.008	0.1	0.09	0.16 Yes	0.008 Thermal Discharging
STW021	451	'1417987_/_116735177'	0.03	0.03	0.03	3.33	0.008	0.1	0.08	0.16 Yes	0.008 Thermal Discharging
STW021	452	'116734054_/_116734056'	0.03	0.03	0.03	3.33	0.008	0.1	0.08	0.16 Yes	0.008 Thermal Discharging
STW021	453	'1429696_/_1429693'	0.03	0.03	0.03	3.33	0.008	0.3	0.08	0.16 Yes	0.008 Thermal Discharging
STW021	454	'116735212_/_116735214'	0.03	0.03	0.03	3.33	0.008	0.1	0.08	0.16 Yes	0.008 Thermal Discharging
STW021	455	'116734072_/_116734074'	0.03	0.03	0.03	3.33	0.008	0.1	0.08	0.16 Yes	0.008 Thermal Discharging
STW021	456	'42996808_/_42996810'	0.03	0.03	0.03	3.33	0.008	0.1	0.08	0.16 Yes	0.008 Thermal Discharging
STW021	457	'123165660_/_123165571'	0.03	0.03	0.03	3.33	0.008	0.1	0.08	0.16 Yes	0.008 Thermal Discharging
STW021	458	'1418084_/_1418094'	0.03	0.03	0.03	3.33	0.008	0.1	0.08	0.16 Yes	0.008 Thermal Discharging
STW021	459	'123165563_/_123165662'	0.03	0.03	0.03	3.33	0.008	0.1	0.08	0.16 Yes	0.008 Thermal Discharging
STW021	460	'1418071_/_1418081'	0.03	0.03	0.03	3.33	0.008	0.1	0.08	0.16 Yes	0.008 Thermal Discharging
STW021	461	'1414397_/_1414394'	0.03	0.03	0.03	3.33	0.008	0.1	0.08	0.16 Yes	0.008 Thermal Discharging
STW021	462	'116734724_/_42996799'	0.03	0.03	0.03	3.33	0.008	0.1	0.07	0.16 Yes	0.008 Thermal Discharging
STW021	463	'116734454_/_1418068'	0.03	0.03	0.03	3.33	0.008	0.1	0.07	0.16 Yes	0.008 Thermal Discharging
STW021	464	'119618461_/_119618470'	0.03	0.03	0.03	3.33	0.008	0.1	0.08	0.16 Yes	0.008 Thermal Discharging
STW021	465	'119618617_/_119618601_1'	0.03	0.03	0.03	3.33	0.008	0.1	0.08	0.16 Yes	0.008 Thermal Discharging
STW021	466	'116734743_/_116734726'	0.03	0.03	0.03	3.33	0.008	0.1	0.07	0.16 Yes	0.008 Thermal Discharging
STW021	467	'116734473_/_116734456'	0.03	0.03	0.03	3.33	0.008	0.1	0.07	0.16 Yes	0.008 Thermal Discharging
STW021	468	'119618590_/_119618601_2'	0.03	0.03	0.03	3.33	0.008	0.1	0.07	0.16 Yes	0.008 Thermal Discharging
STW021	469	'116734762_/_116734745'	0.03	0.03	0.03	3.33	0.008	0.1	0.07	0.16 Yes	0.008 Thermal Discharging
STW021	470	'116734492_/_116734475'	0.03	0.03	0.03	3.33	0.008	0.1	0.07	0.16 Yes	0.008 Thermal Discharging
STW021	471	'116734781_/_116734764'	0.03	0.03	0.03	3.33	0.008	0.1	0.07	0.16 Yes	0.008 Thermal Discharging
STW021	472	'116734511_/_116734494'	0.03	0.03	0.03	3.33	0.008	0.1	0.07	0.16 Yes	0.008 Thermal Discharging
STW021	473	'1418883_/_1418880'	0.03	0.03	0.03	3.33	0.008	0.3	0.07	0.16 Yes	0.008 Thermal Discharging
STW021	474	'117374026_/_116734783'	0.03	0.03	0.03	3.33	0.008	0.1	0.07	0.16 Yes	0.008 Thermal Discharging
STW021	475	'116734530_/_116734513'	0.03	0.03	0.03	3.33	0.008	0.1	0.07	0.16 Yes	0.008 Thermal Discharging
STW021	476	'116734380_/_116734532'	0.03	0.03	0.03	3.33	0.008	0.1	0.07	0.16 Yes	0.008 Thermal Discharging
STW021	477	'117372600_/_117372597'	0.03	0.03	0.03	3.33	0.008	0.1	0.07	0.16 Yes	0.008 Thermal Discharging
STW021	478	'1418895_/_1418893'	0.03	0.03	0.03	3.33	0.008	0.3	0.06	0.16 Yes	0.008 Thermal Discharging
STW021	479	'42997041_/_1418971'	0.03	0.03	0.03	3.33	0.008	0.3	0.05	0.16 Yes	0.008 Thermal Discharging
STW021	480	'1418564_/_1418958'	0.03	0.03	0.03	3.33	0.008	0.3	0.04	0.16 Yes	0.008 Thermal Discharging
STW021	481	'468853261_/_468853265'	0.03	0.03	0.03	3.33	0.008	0.3	0.04	0.16 Yes	0.008 Thermal Discharging
STW021	482	'1418909_/_42997043'	0.03	0.03	0.03	3.33	0.008	0.3	0.04	0.16 Yes	0.008 Thermal Discharging
STW021	483	'469906820_/_469906824'	0.03	0.03	0.03	3.33	0.008	0.3	0.04	0.16 Yes	0.008 Thermal Discharging
STW021	484	'469906967_/_469906971'	0.03	0.03	0.03	3.33	0.008	0.3	0.04	0.16 Yes	0.008 Thermal Discharging
STW021	485	'1418551_/_1418561'	0.03	0.03	0.03	3.33	0.008	0.3	0.04	0.16 Yes	0.008 Thermal Discharging
STW021	486	'1418922_/_1418919'	0.03	0.03	0.03	3.33	0.008	0.3	0.04	0.16 Yes	0.008 Thermal Discharging
STW021	487	'469907001_/_469907005'	0.03	0.03	0.03	3.33	0.008	0.3	0.04	0.16 Yes	0.008 Thermal Discharging
STW021	488	'469906871_/_469906875'	0.03	0.03	0.03	3.33	0.008	0.3	0.04	0.16 Yes	0.008 Thermal Discharging
STW021	489	'1418577_/_1418574'	0.03	0.03	0.03	3.33	0.008	0.3	0.04	0.16 Yes	0.008 Thermal Discharging
STW021	490	'469907035_/_469907039'	0.03	0.03	0.03	3.33	0.008	0.3	0.04	0.16 Yes	0.008 Thermal Discharging
STW021	491	'1418589_/_1418587'	0.03	0.03	0.03	3.33	0.008	0.3	0.04	0.16 Yes	0.008 Thermal Discharging
STW021	492	'1415958_/_1418548'	0.03	0.03	0.03	3.33	0.008	0.3	0.04	0.16 Yes	0.008 Thermal Discharging
STW021	493	'7834936_/_7834934_1'	0.03	0.03	0.03	3.33	0.008	0.1	0.04	0.16 Yes	0.008 Thermal Discharging
STW021	494	'7834937_/_7834934_2'	0.03	0.03	0.03	3.33	0.008	0.1	0.04	0.16 Yes	0.008 Thermal Discharging
STW021	495	'1418935_/_1418932'	0.03	0.03	0.03	3.33	0.008	0.3	0.04	0.16 Yes	0.008 Thermal Discharging
STW021	496	'1415957_/_42997141'	0.03	0.03	0.03	3.33	0.008	0.3	0.04	0.16 Yes	0.008 Thermal Discharging
STW021	497	'1418947_/_42996942'	0.03	0.03	0.03	3.33	0.008	0.3	0.04	0.16 Yes	0.008 Thermal Discharging
STY061	0	'STY061_/_7405728'	10	10	10	10	1.98	10	10	10 No	1.98 Thermal Discharging
STY061	1	'7405730_/_7405728'	10	10	10	10	1.98	10	10	1.6 No	1.6 Unintentional Islanding
STY061	2	'7405771_/_7719318'	10	10	10	10	1.98	10	10	1.59 No	1.59 Unintentional Islanding
STY061	3	'7405770_/_7405768'	10	10	10	10	1.98	10	10	1.59 No	1.59 Unintentional Islanding
STY061	4	'61696406_/_8983589_1'	10	10	10	10	1.98	10	10	1.59 No	1.59 Unintentional Islanding
STY061	5	'50668555_/_8983589_2'	10	10	10	10	1.98	10	10	1.59 No	1.59 Unintentional Islanding
STY061	6	'5569119_/_5569133'	10	10	10	10	1.98	10	10	1.59 No	1.59 Unintentional Islanding
STY061	7	'5569102_/_5569116'	10	10	10	10	1.98	10	10	1.59 No	1.59 Unintentional Islanding
STY061	8	'5569085_/_5569099'	10	10	10	10	1.98	10	10	1.59 No	1.59 Unintentional Islanding
STY061	9	'5569068_/_5569082'	10	10	10	10	1.98	10	10	1.59 No	1.59 Unintentional Islanding
STY061	10	'5569051_/_5569065'	10	10	10	10	1.98	10	10	1.59 No	1.59 Unintentional Islanding
STY061	11	'5569034_/_5569048'	10	10	10	10	1.98	10	10	1.59 No	1.59 Unintentional Islanding
STY061	12	'5569017_/_5569031'	10	10	10	10	1.98	10	10	1.59 No	1.59 Unintentional Islanding
STY061	13	'5569000_/_5569014'	10	10	10	10	1.98	10	10	1.59 No	1.59 Unintentional Islanding
STY061	14	'5568983_/_5568997'	10	10	10	10	1.98	10	10	1.59 No	1.59 Unintentional Islanding
STY061	15	'5568982_/_5568980'	10	10	10	10	1.98	10	10	1.58 No	1.58 Unintentional Islanding
STY061	16	'5562506_/_5570112'	10	10	10	10	1.98	10	10	1.58 No	1.58 Unintentional Islanding
STY061	17	'5562489_/_5562503'	10	10	10	10	1.98	10	10	1.58 No	1.58 Unintentional Islanding
STY061	18	'5562472_/_5562486'	10	10	10	10	1.98	10	10	1.58 No	1.58 Unintentional Islanding
STY061	19	'5562471_/_5562469'	10	10	10	10	1.98	10	10	1.58 No	1.58 Unintentional Islanding
STY061	20	'5566628_/_5566626'	10	10	10	10	1.98	10	10	1.58 No	1.58 Unintentional Islanding
STY061	21	'5562418_/_5570095'	10	10	10	10	1.98	10	10	1.58 No	1.58 Unintentional Islanding
STY061	22	'43739211_/_43739213'	10	10	10	10	1.98	10	10	1.58 No	1.58 Unintentional Islanding
STY061	23	'5562401_/_5562415'	10	10	10	10	1.98	10	10	1.58 No	1.58 Unintentional Islanding
STY061	24	'5563988_/_5563986_1'	10	10	10	10	1.98	1.4	10	1.58 No	1.4 Element Fault
STY061	25	'5562384_/_5562398'	10	10	10	10	1.98	10	10	1.58 No	1.58 Unintentional Islanding
STY061	26	'43739250_/_5563986_2'	10	10	10	10	1.98	1.4	10	1.58 No	1.4 Element Fault
STY061	27	'5562367_/_5562381'	10	10	10	10	1.98	10	10	1.57 No	1.57 Unintentional Islanding
STY061	28	'5563989_/_43739252'	10	10	10	10	1.98	1.4	10	1.58 No	1.4 Element Fault
STY061	29	'43739174_/_5562364'	10	10	10	10	1.98	10	10	1.57 No	1.57 Unintentional Islanding
STY061	30	'5562350_/_5562432'	10	10	10	10	1.98	10	10	1.57 No	1.57 Unintentional Islanding
STY061	31	'70127508_/_5562347_2'	10	10	10	10	1.98	10	10	1.57 No	1.57 Unintentional Islanding
STY061	32	'70127522_/_8983871_1'	10	10	10	10	1.98	1.4	10	1.57 No	1.4 Element Fault
STY061	33	'5562333_/_5562347_1'	10	10	10	10	1.98	10	10	1.57 No	1.57 Unintentional Islanding
STY061	34	'5562316_/_5562330'	10	10	10	10	1.98	10	10	1.57 No	1.57 Unintentional Islanding
STY061	35	'5562299_/_5562313'	10	10	10	10	1.98	10	10	1.57 No	1.57 Unintentional Islanding
STY061	36	'5562282_/_5562296'	10	10	10	10	1.98	10	10	1.57 No	1.57 Unintentional Islanding
STY061	37	'5562281_/_5562279'	10	10	10	10	1.98	10	10	1.57 No	1.57 Unintentional Islanding
STY061	38	'5577929_/_5577927'	10	10	10	10	1.98	10	10	1.57 No	1.57 Unintentional Islanding
STY061	39	'5577946_/_5577944'	10	10	10	10	1.98	10	10	1.57 No	1.57 Unintentional Islanding
STY061	40	'8042060_/_8042058_1'	10	10	10	10	1.98	1.4	10	1.57 No	1.4 Element Fault

Feeder Name	Feeder ID	Node	Primary Over- Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
STY061	41	'8983873_/_8983871_2'	10	10	10	1.98	1.4	10	1.57 No	1.4	Element Fault
STY061	42	'5579480_/_5579606'	10	10	10	1.98	10	10	1.57 No	1.57	Unintentional Islanding
STY061	43	'43739161_/_43739163'	10	10	10	1.98	10	10	1.56 No	1.56	Unintentional Islanding
STY061	44	'5579500_/_5579498_1'	10	10	10	1.98	1.4	10	1.57 No	1.4	Element Fault
STY061	45	'5579628_/_5579572'	10	10	10	1.98	10	10	1.56 No	1.56	Unintentional Islanding
STY061	46	'5579646_/_5579643'	10	10	10	1.98	10	10	1.56 No	1.56	Unintentional Islanding
STY061	47	'43739224_/_5579478'	10	10	10	1.98	4.5	10	1.56 No	1.56	Unintentional Islanding
STY061	48	'5579663_/_5579660'	10	10	10	1.98	10	10	1.56 No	1.56	Unintentional Islanding
STY061	49	'5579680_/_5579677'	10	10	10	1.98	10	10	1.56 No	1.56	Unintentional Islanding
STY061	50	'8042061_/_8042058_2'	10	10	10	1.98	1.4	10	1.57 No	1.4	Element Fault
STY061	51	'5579481_/_43739226'	10	10	10	1.98	4.5	10	1.56 No	1.56	Unintentional Islanding
STY061	52	'5579558_/_5579694'	10	10	10	1.98	10	10	1.56 No	1.56	Unintentional Islanding
STY061	53	'5579541_/_5579555'	10	10	10	1.98	10	10	1.56 No	1.56	Unintentional Islanding
STY061	54	'43739237_/_5579498_2'	10	10	10	1.98	1.4	10	1.56 No	1.4	Element Fault
STY061	55	'5579501_/_43739239'	10	10	10	1.98	1.4	10	1.56 No	1.4	Element Fault
STY061	56	'5562265_/_5579538'	10	10	10	1.98	10	10	1.56 No	1.56	Unintentional Islanding
STY061	57	'5562248_/_5562262'	10	10	10	1.98	10	10	1.56 No	1.56	Unintentional Islanding
STY061	58	'5535374_/_5562245'	10	10	10	1.98	10	10	1.56 No	1.56	Unintentional Islanding
STY061	59	'373644875_/_373644877'	10	10	10	1.98	10	10	1.56 No	1.56	Unintentional Islanding
STY061	60	'5535121_/_5535371'	10	10	10	1.98	10	10	1.56 No	1.56	Unintentional Islanding
STY061	61	'5535120_/_5535118'	10	10	10	1.98	10	10	1.55 No	1.55	Unintentional Islanding
STY061	62	'5535192_/_5535206'	10	10	10	1.98	10	10	1.55 No	1.55	Unintentional Islanding
STY061	63	'157032649_/_5564110_1'	10	10	10	1.98	1.4	10	1.55 No	1.4	Element Fault
STY061	64	'43738951_/_43738953'	10	10	10	1.98	10	10	1.55 No	1.55	Unintentional Islanding
STY061	65	'5535155_/_5535152'	10	10	10	1.98	10	10	1.55 No	1.55	Unintentional Islanding
STY061	66	'5535138_/_401852115'	10	10	10	1.98	10	10	1.55 No	1.55	Unintentional Islanding
STY061	67	'5535137_/_5535135'	10	10	10	1.98	10	10	1.55 No	1.55	Unintentional Islanding
STY061	68	'575097522_/_575097533_1'	10	10	10	1.98	1.4	10	1.55 No	1.4	Element Fault
STY061	69	'5570879_/_5570876_1'	10	10	10	1.98	10	10	1.55 No	1.55	Unintentional Islanding
STY061	70	'644101361_/_5570876_2'	10	10	10	1.98	10	10	1.55 No	1.55	Unintentional Islanding
STY061	71	'5570859_/_644101369'	10	10	10	1.98	10	10	1.55 No	1.55	Unintentional Islanding
STY061	72	'43739122_/_5573968'	10	10	10	1.98	10	10	1.55 No	1.55	Unintentional Islanding
STY061	73	'5535340_/_5535354'	10	10	10	1.98	10	10	1.55 No	1.55	Unintentional Islanding
STY061	74	'43739135_/_5564110_2'	10	10	10	1.98	1.4	10	1.55 No	1.4	Element Fault
STY061	75	'5570838_/_575097533_2'	10	10	10	1.98	1.4	10	1.55 No	1.4	Element Fault
STY061	76	'5535323_/_5535337'	10	10	10	1.98	10	10	1.55 No	1.55	Unintentional Islanding
STY061	77	'5535300_/_5535320'	10	10	10	1.98	10	10	1.55 No	1.55	Unintentional Islanding
STY061	78	'92340776_/_5563969'	10	10	10	1.98	1.4	10	1.55 No	1.4	Element Fault
STY061	79	'5535283_/_5535297'	10	10	10	1.98	10	10	1.54 No	1.54	Unintentional Islanding
STY061	80	'5535104_/_5535280'	10	10	10	1.98	10	10	1.54 No	1.54	Unintentional Islanding
STY061	81	'436781624_/_9610195_2'	3.33	3.33	3.33	0.66	1.4	3.33	0.51 No	0.51	Unintentional Islanding
STY061	82	'7719052_/_9610195_1'	3.33	3.33	3.33	0.66	0.4	3.33	0.51 No	0.4	Element Fault
STY061	83	'5535084_/_5535101'	10	10	10	1.98	10	10	1.54 No	1.54	Unintentional Islanding
STY061	84	'7719053_/_7719050'	3.33	3.33	3.33	0.66	0.4	3.33	0.51 No	0.4	Element Fault
STY061	85	'8042478_/_351707202'	10	10	10	1.98	5.2	10	1.55 No	1.55	Unintentional Islanding
STY061	86	'70127466_/_8042864_1'	10	10	10	1.98	1.4	10	1.56 No	1.4	Element Fault
STY061	87	'43738938_/_43738940'	10	10	10	1.98	10	10	1.54 No	1.54	Unintentional Islanding
STY061	88	'5535067_/_5535081'	10	10	10	1.98	10	10	1.54 No	1.54	Unintentional Islanding
STY061	89	'43739148_/_92340780'	10	10	10	1.98	1.4	10	1.55 No	1.4	Element Fault
STY061	90	'7405529_/_8042038_1'	10	10	10	1.98	1.4	10	1.54 No	1.4	Element Fault
STY061	91	'5535066_/_5535064'	10	10	10	1.98	10	10	1.54 No	1.54	Unintentional Islanding
STY061	92	'5566535_/_5570453'	10	10	10	1.98	10	10	1.54 No	1.54	Unintentional Islanding
STY061	93	'8042041_/_8042038_2'	10	10	10	1.98	1.4	10	1.54 No	1.4	Element Fault
STY061	94	'8663861_/_75995602'	10	10	10	1.98	5.2	10	1.54 No	1.54	Unintentional Islanding
STY061	95	'5566515_/_5566532'	10	10	10	1.98	10	10	1.54 No	1.54	Unintentional Islanding
STY061	96	'7719069_/_8663311_1'	10	10	10	1.98	1.4	10	1.54 No	1.4	Element Fault
STY061	97	'725138959_/_725138963'	10	10	10	1.98	10	10	1.53 No	1.53	Unintentional Islanding
STY061	98	'5564209_/_5566512'	10	10	10	1.98	10	10	1.53 No	1.53	Unintentional Islanding
STY061	99	'5566494_/_5566492'	10	10	10	1.98	10	10	1.53 No	1.53	Unintentional Islanding
STY061	100	'5575715_/_5575729'	10	10	10	1.98	10	10	1.53 No	1.53	Unintentional Islanding
STY061	101	'5564210_/_5570380_1'	10	10	10	1.98	3.2	10	1.53 No	1.53	Unintentional Islanding
STY061	102	'5563972_/_43739150'	10	10	10	1.98	1.4	10	1.55 No	1.4	Element Fault
STY061	103	'5575484_/_5575712'	10	10	10	1.98	10	10	1.53 No	1.53	Unintentional Islanding
STY061	104	'5570440_/_5570437'	3.33	3.33	3.33	0.66	1.5	3.33	0.51 No	0.51	Unintentional Islanding
STY061	105	'5575694_/_5575692'	10	10	10	1.98	10	10	1.53 No	1.53	Unintentional Islanding
STY061	106	'8663314_/_8663311_2'	10	10	10	1.98	1.4	10	1.53 No	1.4	Element Fault
STY061	107	'37921874_/_37921878'	10	10	10	1.98	5.1	10	1.54 No	1.54	Unintentional Islanding
STY061	108	'37921895_/_37922914'	10	10	10	1.98	5.1	10	1.54 No	1.54	Unintentional Islanding
STY061	109	'51910169_/_51910166'	10	10	10	1.98	5.1	10	1.54 No	1.54	Unintentional Islanding
STY061	110	'37921867_/_37921871'	3.33	3.33	3.33	0.66	1.7	3.33	0.51 No	0.51	Unintentional Islanding
STY061	111	'5576597_/_5576595'	10	10	10	1.98	10	10	1.53 No	1.53	Unintentional Islanding
STY061	112	'740227859_/_5576702_1'	10	10	10	1.98	1.4	10	1.53 No	1.4	Element Fault
STY061	113	'5575610_/_5576615'	10	10	10	1.98	10	10	1.53 No	1.53	Unintentional Islanding
STY061	114	'43740335_/_5570380_2'	10	10	10	1.98	3.2	10	1.53 No	1.53	Unintentional Islanding
STY061	115	'8356336_/_8663583_2'	10	10	10	1.98	3.2	10	1.53 No	1.53	Unintentional Islanding
STY061	116	'51910200_/_51910262'	3.33	3.33	3.33	0.66	1.7	3.33	0.51 No	0.51	Unintentional Islanding
STY061	117	'5575587_/_5575607'	10	10	10	1.98	10	10	1.53 No	1.53	Unintentional Islanding
STY061	118	'76787324_/_5576702_2'	10	10	10	1.98	1.4	10	1.53 No	1.4	Element Fault
STY061	119	'43740800_/_5576722_2'	10	10	10	1.98	1.4	10	1.53 No	1.4	Element Fault
STY061	120	'5575429_/_5575584'	10	10	10	1.98	10	10	1.53 No	1.53	Unintentional Islanding
STY061	121	'5576655_/_5576722_1'	10	10	10	1.98	1.4	10	1.53 No	1.4	Element Fault
STY061	122	'43927406_/_7099018'	10	10	10	1.98	10	10	1.53 No	1.53	Unintentional Islanding
STY061	123	'6494270_/_6501920'	10	10	10	1.98	10	10	1.53 No	1.53	Unintentional Islanding
STY061	124	'5575430_/_5575746_1'	3.33	3.33	3.33	0.66	0.4	3.33	0.51 No	0.4	Element Fault
STY061	125	'5575567_/_5576652'	10	10	10	1.98	1.4	10	1.53 No	1.4	Element Fault
STY061	126	'37921881_/_51910281'	3.33	3.33	3.33	0.66	1.7	3.33	0.51 No	0.51	Unintentional Islanding
STY061	127	'6490586_/_6494267'	10	10	10	1.98	10	10	1.52 No	1.52	Unintentional Islanding
STY061	128	'8663685_/_8663683'	10	10	10	1.98	5.1	10	1.54 No	1.54	Unintentional Islanding
STY061	129	'6490587_/_6495901_2'	3.33	3.33	3.33	0.66	1	3.33	0.51 No	0.51	Unintentional Islanding
STY061	130	'537129136_/_6490542_2'	3.33	3.33	3.33	0.66	1	3.33	0.51 No	0.51	Unintentional Islanding
STY061	131	'6494236_/_6494250'	10	10	10	1.98	10	10	1.52 No	1.52	Unintentional Islanding
STY061	132	'6503596_/_7098997'	10	10	10	1.98	1.4	10	1.52 No	1.4	Element Fault
STY061	133	'8983669_/_9610603'	10	10	10	1.98	5.1	10	1.54 No	1.54	Unintentional Islanding
STY061	134	'6494219_/_6494233'	10	10	10	1.98	10	10	1.52 No	1.52	Unintentional Islanding

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
STY061	135	'6503579_/_6503593'		10	10	10	1.98	1.4	10	1.52 No	1.4 Element Fault
STY061	136	'5575442_/_5575497'		3.33	3.33	3.33	0.66	1.1	3.33	0.51 No	0.51 Unintentional Islanding
STY061	137	'6490574_/_6494216'		10	10	10	1.98	10	10	1.52 No	1.52 Unintentional Islanding
STY061	138	'6494185_/_6503576'		10	10	10	1.98	1.4	10	1.52 No	1.4 Element Fault
STY061	139	'6490561_/_6490558_2'		3.33	3.33	3.33	0.66	1	3.33	0.51 No	0.51 Unintentional Islanding
STY061	140	'6494201_/_6494199'		10	10	10	1.98	10	10	1.52 No	1.52 Unintentional Islanding
STY061	141	'6494168_/_6494182'		10	10	10	1.98	1.4	10	1.52 No	1.4 Element Fault
STY061	142	'6494060_/_6494684'		10	10	10	1.98	10	10	1.52 No	1.52 Unintentional Islanding
STY061	143	'5570383_/_43740337'		10	10	10	1.98	3.1	10	1.53 No	1.53 Unintentional Islanding
STY061	144	'6490343_/_6490558_1'		3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5 Element Fault
STY061	145	'5575749_/_5575746_2'		3.33	3.33	3.33	0.66	0.4	3.33	0.51 No	0.4 Element Fault
STY061	146	'6488715_/_6494057'		10	10	10	1.98	10	10	1.52 No	1.52 Unintentional Islanding
STY061	147	'6494026_/_6494040'		10	10	10	1.98	10	10	1.52 No	1.52 Unintentional Islanding
STY061	148	'6494009_/_6494023'		10	10	10	1.98	10	10	1.52 No	1.52 Unintentional Islanding
STY061	149	'9299154_/_395304325'		10	10	10	1.98	5.1	10	1.54 No	1.54 Unintentional Islanding
STY061	150	'6488716_/_6489913_1'		3.33	3.33	3.33	0.66	0.4	3.33	0.51 No	0.4 Element Fault
STY061	151	'8663567_/_9610507'		10	10	10	1.98	5.1	10	1.54 No	1.54 Unintentional Islanding
STY061	152	'6490329_/_6490542_1'		3.33	3.33	3.33	0.66	0.4	3.33	0.51 No	0.4 Element Fault
STY061	153	'6488660_/_6494006'		10	10	10	1.98	10	10	1.52 No	1.52 Unintentional Islanding
STY061	154	'6489916_/_6489913_2'		3.33	3.33	3.33	0.66	0.4	3.33	0.51 No	0.4 Element Fault
STY061	155	'6495903_/_6495901_1'		3.33	3.33	3.33	0.66	0.4	3.33	0.51 No	0.4 Element Fault
STY061	156	'6493975_/_6493989'		10	10	10	1.98	10	10	1.52 No	1.52 Unintentional Islanding
STY061	157	'43740322_/_5570420'		10	10	10	1.98	3.1	10	1.53 No	1.53 Unintentional Islanding
STY061	158	'6493958_/_6493972'		10	10	10	1.98	10	10	1.52 No	1.52 Unintentional Islanding
STY061	159	'43927395_/_43927397'		3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5 Element Fault
STY061	160	'6488621_/_6493955'		10	10	10	1.98	10	10	1.52 No	1.52 Unintentional Islanding
STY061	161	'6488661_/_6488658_1'		3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5 Element Fault
STY061	162	'5570327_/_5575440'		3.33	3.33	3.33	0.66	1.1	3.33	0.51 No	0.51 Unintentional Islanding
STY061	163	'6488673_/_6488658_2'		3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5 Element Fault
STY061	164	'6493924_/_6493938'		10	10	10	1.98	10	10	1.52 No	1.52 Unintentional Islanding
STY061	165	'6493907_/_6493921'		10	10	10	1.98	10	10	1.52 No	1.52 Unintentional Islanding
STY061	166	'6488622_/_6488619_1'		3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5 Element Fault
STY061	167	'6488634_/_6488619_2'		3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5 Element Fault
STY061	168	'6493890_/_6493904'		10	10	10	1.98	10	10	1.52 No	1.52 Unintentional Islanding
STY061	169	'6497607_/_6497621_1'		10	10	10	1.98	1.4	10	1.52 No	1.4 Element Fault
STY061	170	'6493873_/_6493887'		10	10	10	1.98	10	10	1.52 No	1.52 Unintentional Islanding
STY061	171	'43929584_/_43929586'		3.33	3.33	3.33	0.66	0.4	3.33	0.51 No	0.4 Element Fault
STY061	172	'8042343_/_8356446'		3.33	3.33	3.33	0.66	1.7	3.33	0.51 No	0.51 Unintentional Islanding
STY061	173	'6490330_/_6490327'		3.33	3.33	3.33	0.66	0.4	3.33	0.51 No	0.4 Element Fault
STY061	174	'43738842_/_5575759'		3.33	3.33	3.33	0.66	0.4	3.33	0.51 No	0.4 Element Fault
STY061	175	'6493856_/_6493870'		10	10	10	1.98	10	10	1.52 No	1.52 Unintentional Islanding
STY061	176	'6497624_/_6497621_2'		10	10	10	1.98	1.4	10	1.52 No	1.4 Element Fault
STY061	177	'43738927_/_5570325'		3.33	3.33	3.33	0.66	1.1	3.33	0.51 No	0.51 Unintentional Islanding
STY061	178	'5570328_/_43738929'		3.33	3.33	3.33	0.66	1.1	3.33	0.51 No	0.51 Unintentional Islanding
STY061	179	'6490290_/_6490529'		3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5 Element Fault
STY061	180	'6489798_/_6493853'		10	10	10	1.98	10	10	1.52 No	1.52 Unintentional Islanding
STY061	181	'6493822_/_6493836'		10	10	10	1.98	10	10	1.52 No	1.52 Unintentional Islanding
STY061	182	'49238994_/_6489812_3'		10	10	10	1.98	3.4	10	1.52 No	1.52 Unintentional Islanding
STY061	183	'6493821_/_6493819'		10	10	10	1.98	10	10	1.52 No	1.52 Unintentional Islanding
STY061	184	'6488648_/_6489897'		3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5 Element Fault
STY061	185	'43926995_/_43926997'		3.33	3.33	3.33	0.66	0.4	3.33	0.51 No	0.4 Element Fault
STY061	186	'43926984_/_6488671'		3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5 Element Fault
STY061	187	'6489778_/_6489812_2'		10	10	10	1.98	1.4	10	1.52 No	1.4 Element Fault
STY061	188	'6495057_/_6495087'		10	10	10	1.98	10	10	1.52 No	1.52 Unintentional Islanding
STY061	189	'6490277_/_6490275'		3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5 Element Fault
STY061	190	'617803442_/_617803468'		3.33	3.33	3.33	0.66	1.7	3.33	0.51 No	0.51 Unintentional Islanding
STY061	191	'6501940_/_6501937'		3.33	3.33	3.33	0.66	0.4	3.33	0.51 No	0.4 Element Fault
STY061	192	'43926837_/_6497638'		10	10	10	1.98	1.4	10	1.52 No	1.4 Element Fault
STY061	193	'6493805_/_6495070'		10	10	10	1.98	10	10	1.52 No	1.52 Unintentional Islanding
STY061	194	'6495031_/_6495028_2'		3.33	3.33	3.33	0.66	1	3.33	0.51 No	0.51 Unintentional Islanding
STY061	195	'6502482_/_6502479_2'		3.33	3.33	3.33	0.66	0.4	3.33	0.51 No	0.4 Element Fault
STY061	196	'6488609_/_6489871'		3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5 Element Fault
STY061	197	'6503799_/_6503797'		3.33	3.33	3.33	0.66	0.4	3.33	0.51 No	0.4 Element Fault
STY061	198	'6493785_/_6493802'		10	10	10	1.98	10	10	1.52 No	1.52 Unintentional Islanding
STY061	199	'5563511_/_5563508'		3.33	3.33	3.33	0.66	0.4	3.33	0.51 No	0.4 Element Fault
STY061	200	'43926973_/_6488632'		3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5 Element Fault
STY061	201	'6493677_/_6493782'		10	10	10	1.98	10	10	1.52 No	1.52 Unintentional Islanding
STY061	202	'5563565_/_5570403'		10	10	10	1.98	3.1	10	1.53 No	1.53 Unintentional Islanding
STY061	203	'6495030_/_6495028_1'		3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5 Element Fault
STY061	204	'6489814_/_6489812_1'		10	10	10	1.98	1.4	10	1.52 No	1.4 Element Fault
STY061	205	'6502782_/_6502797'		10	10	10	1.98	10	10	1.52 No	1.52 Unintentional Islanding
STY061	206	'6493676_/_6493674'		10	10	10	1.98	6.6	10	1.52 No	1.52 Unintentional Islanding
STY061	207	'43927419_/_6490288'		3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5 Element Fault
STY061	208	'43926756_/_6502780'		10	10	10	1.98	10	10	1.52 No	1.52 Unintentional Islanding
STY061	209	'6488647_/_6488645'		3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5 Element Fault
STY061	210	'43926877_/_43926839'		10	10	10	1.98	1.4	10	1.52 No	1.4 Element Fault
STY061	211	'7719401_/_8663583_1'		10	10	10	1.98	2.2	10	1.52 No	1.52 Unintentional Islanding
STY061	212	'5563527_/_5563524'		3.33	3.33	3.33	0.66	0.4	3.33	0.51 No	0.4 Element Fault
STY061	213	'43926769_/_6493691'		10	10	10	1.98	10	10	1.52 No	1.52 Unintentional Islanding
STY061	214	'6497657_/_6502692'		10	10	10	1.98	1.4	10	1.52 No	1.4 Element Fault
STY061	215	'6493711_/_6493708'		10	10	10	1.98	10	10	1.52 No	1.52 Unintentional Islanding
STY061	216	'544494013_/_544494017'		3.33	3.33	3.33	0.66	1.7	3.33	0.51 No	0.51 Unintentional Islanding
STY061	217	'6497658_/_6497655'		10	10	10	1.98	1.4	10	1.52 No	1.4 Element Fault
STY061	218	'6489831_/_6493725'		10	10	10	1.98	10	10	1.52 No	1.52 Unintentional Islanding
STY061	219	'6502469_/_6502479_1'		3.33	3.33	3.33	0.66	0.4	3.33	0.51 No	0.4 Element Fault
STY061	220	'6488687_/_6488684'		3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5 Element Fault
STY061	221	'6488608_/_6488606'		3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5 Element Fault
STY061	222	'6497675_/_6497672'		10	10	10	1.98	1.4	10	1.52 No	1.4 Element Fault
STY061	223	'6489832_/_6489842_1'		3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5 Element Fault
STY061	224	'544494079_/_544494095'		3.33	3.33	3.33	0.66	1.7	3.33	0.51 No	0.51 Unintentional Islanding
STY061	225	'43926863_/_6497689'		10	10	10	1.98	1.4	10	1.52 No	1.4 Element Fault
STY061	226	'6493747_/_6493762'		10	10	10	1.98	10	10	1.52 No	1.52 Unintentional Islanding
STY061	227	'602434346_/_6495309_2'		10	10	10	1.98	10	10	1.52 No	1.52 Unintentional Islanding
STY061	228	'6488303_/_43926865'		10	10	10	1.98	1.4	10	1.52 No	1.4 Element Fault

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
STY061	229	'6495311_/_6495309_1'		10	10	10	1.98	10	10	1.52 No	1.52 Unintentional Islanding
STY061	230	'43738900_/_5563563'		10	10	10	1.98	3.1	10	1.52 No	1.52 Unintentional Islanding
STY061	231	'544494046_/_544494111'	3.33	3.33	3.33	0.66	1.7	3.33	0.51 No	0.51 Unintentional Islanding	
STY061	232	'6502534_/_6502531'	3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.51 Unintentional Islanding	
STY061	233	'6497726_/_6497723'		10	10	10	1.98	1.4	10	1.52 No	1.4 Element Fault
STY061	234	'6488304_/_6488317_1'	3.33	3.33	3.33	0.66	0.3	3.33	0.51 No	0.3 Element Fault	
STY061	235	'43929671_/_6504234'		10	10	10	1.98	1.4	10	1.52 No	1.4 Element Fault
STY061	236	'6495331_/_6495329'		10	10	10	1.98	10	10	1.52 No	1.52 Unintentional Islanding
STY061	237	'6502377_/_6502557'	3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.51 Unintentional Islanding	
STY061	238	'6499014_/_6499011'	3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.51 Unintentional Islanding	
STY061	239	'6489845_/_6489842_2'	3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.51 Unintentional Islanding	
STY061	240	'6490304_/_43927421'	3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.51 Unintentional Islanding	
STY061	241	'43926912_/_6497760'		10	10	10	1.98	1.4	10	1.52 No	1.4 Element Fault
STY061	242	'6490026_/_401851845'		10	10	10	1.98	10	10	1.52 No	1.52 Unintentional Islanding
STY061	243	'6495043_/_6503901'	3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.51 Unintentional Islanding	
STY061	244	'43740289_/_5570354'	3.33	3.33	3.33	0.66	0.4	3.33	0.51 No	0.4 Element Fault	
STY061	245	'6493626_/_401851723'		10	10	10	1.98	10	10	1.52 No	1.52 Unintentional Islanding
STY061	246	'6502455_/_6502453'	3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.51 Unintentional Islanding	
STY061	247	'6493609_/_405105637'		10	10	10	1.98	10	10	1.52 No	1.52 Unintentional Islanding
STY061	248	'6497780_/_43926914'		10	10	10	1.98	1.4	10	1.52 No	1.4 Element Fault
STY061	249	'6487140_/_6487138_1'	3.33	3.33	3.33	0.66	0.4	3.33	0.51 No	0.4 Element Fault	
STY061	250	'6487128_/_405105585'		10	10	10	1.98	10	10	1.52 No	1.52 Unintentional Islanding
STY061	251	'6482523_/_6482520_2'	3.33	3.33	3.33	0.66	1	3.33	0.51 No	0.51 Unintentional Islanding	
STY061	252	'6497800_/_6497797'		10	10	10	1.98	1.4	10	1.52 No	1.4 Element Fault
STY061	253	'6482522_/_6482520_1'	3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.51 Unintentional Islanding	
STY061	254	'6493575_/_414135857'		10	10	10	1.98	10	10	1.52 No	1.52 Unintentional Islanding
STY061	255	'43926804_/_6490037'	3.33	3.33	3.33	0.66	0.47	3.33	0.51 No	0.47 Element Fault	
STY061	256	'6493558_/_405105505'		10	10	10	1.98	10	10	1.52 No	1.52 Unintentional Islanding
STY061	257	'6493557_/_405105451'		10	10	10	1.98	10	10	1.52 No	1.52 Unintentional Islanding
STY061	258	'6488145_/_6502466'	3.33	3.33	3.33	0.66	0.4	3.33	0.51 No	0.4 Element Fault	
STY061	259	'43929307_/_405105401'		10	10	10	1.98	10	10	1.52 No	1.52 Unintentional Islanding
STY061	260	'5570311_/_5570341'	3.33	3.33	3.33	0.66	0.4	3.33	0.51 No	0.4 Element Fault	
STY061	261	'6499027_/_6499024'	3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.51 Unintentional Islanding	
STY061	262	'43925966_/_6487138_2'	3.33	3.33	3.33	0.66	0.4	3.33	0.51 No	0.4 Element Fault	
STY061	263	'6488320_/_6488317_2'	3.33	3.33	3.33	0.66	0.3	3.33	0.51 No	0.3 Element Fault	
STY061	264	'6487059_/_405105351'		10	10	10	1.98	10	10	1.52 No	1.52 Unintentional Islanding
STY061	265	'6493507_/_405105283'		10	10	10	1.98	10	10	1.52 No	1.52 Unintentional Islanding
STY061	266	'6504307_/_6504304'	3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.51 Unintentional Islanding	
STY061	267	'6486850_/_405105227'		10	10	10	1.98	10	10	1.52 No	1.52 Unintentional Islanding
STY061	268	'6488700_/_6488697'	3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.51 Unintentional Islanding	
STY061	269	'6502364_/_6502374'	3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.51 Unintentional Islanding	
STY061	270	'43929504_/_6503035'	3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.51 Unintentional Islanding	
STY061	271	'6493473_/_405105171'		10	10	10	1.98	10	10	1.52 No	1.52 Unintentional Islanding
STY061	272	'6502547_/_6502544'	3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.51 Unintentional Islanding	
STY061	273	'414135750_/_401851926'		10	10	10	1.98	4.5	10	1.52 No	1.52 Unintentional Islanding
STY061	274	'43925783_/_405105122'		10	10	10	1.98	10	10	1.52 No	1.52 Unintentional Islanding
STY061	275	'6495619_/_6495617_1'		10	10	10	1.98	1.4	10	1.52 No	1.4 Element Fault
STY061	276	'6486835_/_6486832_1'	3.33	3.33	3.33	0.66	0.4	3.33	0.51 No	0.4 Element Fault	
STY061	277	'6495620_/_6495617_2'		10	10	10	1.98	1.4	10	1.52 No	1.4 Element Fault
STY061	278	'7719400_/_7719398'		10	10	10	1.98	2.2	10	1.52 No	1.52 Unintentional Islanding
STY061	279	'5570312_/_5570309'	3.33	3.33	3.33	0.66	0.4	3.33	0.51 No	0.4 Element Fault	
STY061	280	'6493439_/_405105077'		10	10	10	1.98	10	10	1.52 No	1.52 Unintentional Islanding
STY061	281	'6488193_/_6495041'	3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.51 Unintentional Islanding	
STY061	282	'405104972_/_405105019'		10	10	10	1.98	10	10	1.52 No	1.52 Unintentional Islanding
STY061	283	'6486753_/_405104969'		10	10	10	1.98	10	10	1.52 No	1.52 Unintentional Islanding
STY061	284	'6487102_/_6487112'	3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.51 Unintentional Islanding	
STY061	285	'6502410_/_6504214'		10	10	10	1.98	1.4	10	1.52 No	1.4 Element Fault
STY061	286	'43925770_/_405104915'		10	10	10	1.98	10	10	1.52 No	1.52 Unintentional Islanding
STY061	287	'6493387_/_405104859'		10	10	10	1.98	10	10	1.52 No	1.52 Unintentional Islanding
STY061	288	'6482535_/_6482533'	3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.51 Unintentional Islanding	
STY061	289	'405104746_/_405104799'		10	10	10	1.98	10	10	1.52 No	1.52 Unintentional Islanding
STY061	290	'6497018_/_6497015'	3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.51 Unintentional Islanding	
STY061	291	'544494124_/_544494128'	3.33	3.33	3.33	0.66	1.7	3.33	0.51 No	0.51 Unintentional Islanding	
STY061	292	'6486754_/_6486764_1'	3.33	3.33	3.33	0.66	0.4	3.33	0.51 No	0.4 Element Fault	
STY061	293	'6494096_/_405104743'		10	10	10	1.98	10	10	1.52 No	1.52 Unintentional Islanding
STY061	294	'701447291_/_602434016_3'		10	10	10	1.98	10	10	1.52 No	1.52 Unintentional Islanding
STY061	295	'544494157_/_544494193'	3.33	3.33	3.33	0.66	1.7	3.33	0.51 No	0.51 Unintentional Islanding	
STY061	296	'43925922_/_6487057'	3.33	3.33	3.33	0.66	1.5	3.33	0.51 No	0.51 Unintentional Islanding	
STY061	297	'43926630_/_6488142'	3.33	3.33	3.33	0.66	0.4	3.33	0.51 No	0.4 Element Fault	
STY061	298	'6488333_/_6488330'	3.33	3.33	3.33	0.66	0.3	3.33	0.51 No	0.3 Element Fault	
STY061	299	'6482574_/_6487151'	3.33	3.33	3.33	0.66	0.4	3.33	0.51 No	0.4 Element Fault	
STY061	300	'43738914_/_43738902'		10	10	10	1.98	3.1	10	1.52 No	1.52 Unintentional Islanding
STY061	301	'43929647_/_6504317'	3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.51 Unintentional Islanding	
STY061	302	'6487089_/_6487099'	3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.51 Unintentional Islanding	
STY061	303	'6503012_/_6503022'	3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.51 Unintentional Islanding	
STY061	304	'6486877_/_6486874_1'	6.67	6.67	6.67	0.15	2.2	6.67	1.01 No	0.15 Thermal Discharging	
STY061	305	'43926490_/_6502361'	3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.51 Unintentional Islanding	
STY061	306	'6486767_/_6486764_2'	3.33	3.33	3.33	0.66	0.4	3.33	0.51 No	0.4 Element Fault	
STY061	307	'6486834_/_6486832_2'	3.33	3.33	3.33	0.66	0.4	3.33	0.51 No	0.4 Element Fault	
STY061	308	'43925840_/_6486874_2'	6.67	6.67	6.67	0.15	2.2	6.67	1.01 No	0.15 Thermal Discharging	
STY061	309	'262015066_/_602434016_2'		10	10	10	1.98	10	10	1.52 No	1.52 Unintentional Islanding
STY061	310	'6495513_/_602434016_1'		10	10	10	1.98	10	10	1.52 No	1.52 Unintentional Islanding
STY061	311	'6490040_/_43926806'	3.33	3.33	3.33	0.66	0.47	3.33	0.51 No	0.47 Element Fault	
STY061	312	'43925896_/_6495634'		10	10	10	1.98	1.4	10	1.52 No	1.4 Element Fault
STY061	313	'457031091_/_9343646_1'		10	10	10	1.98	0.9	10	1.52 No	0.9 Element Fault
STY061	314	'6485842_/_405104697'		10	10	10	1.98	10	10	1.52 No	1.52 Unintentional Islanding
STY061	315	'43927430_/_6497031'	3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.51 Unintentional Islanding	
STY061	316	'405104597_/_405104639'		10	10	10	1.98	10	10	1.52 No	1.52 Unintentional Islanding
STY061	317	'6485843_/_6495530_1'	3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.51 Unintentional Islanding	
STY061	318	'43925422_/_405104594'		10	10	10	1.98	10	10	1.52 No	1.52 Unintentional Islanding
STY061	319	'6487060_/_43925924'	3.33	3.33	3.33	0.66	1.5	3.33	0.51 No	0.51 Unintentional Islanding	
STY061	320	'6486712_/_6498836'	6.67	6.67	6.67	1.32	3	6.67	1.01 No	1.01 Unintentional Islanding	
STY061	321	'414136042_/_405104547'		10	10	10	1.98	10	10	1.52 No	1.52 Unintentional Islanding
STY061	322	'6502999_/_6503009'	3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.51 Unintentional Islanding	

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
STY061	323	'602434232_/_7452032_1'	3.33	3.33	3.33	0.66	0.4	3.33	0.51 No	0.4 Element Fault	
STY061	324	'43926022_/_6482546'	3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5 Element Fault	
STY061	325	'43926890_/_6488343'	3.33	3.33	3.33	0.66	0.3	3.33	0.51 No	0.3 Element Fault	
STY061	326	'6486711_/_6504643_2'	3.33	3.33	3.33	0.66	1.5	3.33	0.51 No	0.51 Unintentional Islanding	
STY061	327	'6498851_/_405104493'	10	10	10	1.98	10	10	1.52 No	1.52 Unintentional Islanding	
STY061	328	'43926514_/_43926516'	10	10	10	1.98	1.4	10	1.52 No	1.4 Element Fault	
STY061	329	'43926782_/_6488191'	3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5 Element Fault	
STY061	330	'277005726_/_8401186_1'	3.33	3.33	3.33	0.66	0.4	3.33	0.51 No	0.4 Element Fault	
STY061	331	'6486780_/_6486777'	3.33	3.33	3.33	0.66	0.4	3.33	0.51 No	0.4 Element Fault	
STY061	332	'473376841_/_473376845'	10	10	10	1.98	10	10	1.52 No	1.52 Unintentional Islanding	
STY061	333	'43926044_/_6482572'	3.33	3.33	3.33	0.66	0.4	3.33	0.51 No	0.4 Element Fault	
STY061	334	'6488119_/_6488129'	3.33	3.33	3.33	0.66	0.4	3.33	0.51 No	0.4 Element Fault	
STY061	335	'473376335_/_473376350'	10	10	10	1.98	10	10	1.52 No	1.52 Unintentional Islanding	
STY061	336	'277005845_/_7452032_2'	3.33	3.33	3.33	0.66	0.4	3.33	0.51 No	0.4 Element Fault	
STY061	337	'6467589_/_6504154'	3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5 Element Fault	
STY061	338	'473628401_/_473376332_1'	10	10	10	1.98	10	10	1.52 No	1.52 Unintentional Islanding	
STY061	339	'6486895_/_43925842'	6.67	6.67	6.67	0.15	2.2	6.67	1.01 No	0.15 Thermal Discharging	
STY061	340	'473376317_/_473376332_2'	10	10	10	1.98	10	10	1.52 No	1.52 Unintentional Islanding	
STY061	341	'473376723_/_473376680_1'	10	10	10	1.98	1.4	10	1.52 No	1.4 Element Fault	
STY061	342	'473376216_/_473376314'	10	10	10	1.98	10	10	1.52 No	1.52 Unintentional Islanding	
STY061	343	'473376145_/_473376142_2'	10	10	10	1.98	10	10	1.52 No	1.52 Unintentional Islanding	
STY061	344	'6495533_/_6495530_2'	3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5 Element Fault	
STY061	345	'473376127_/_473376142_1'	10	10	10	1.98	10	10	1.52 No	1.52 Unintentional Islanding	
STY061	346	'43925796_/_43925798'	3.33	3.33	3.33	0.66	0.4	3.33	0.51 No	0.4 Element Fault	
STY061	347	'473377122_/_6515136_2'	10	10	10	1.98	7.4	10	1.52 No	1.52 Unintentional Islanding	
STY061	348	'473376830_/_473376792_1'	3.33	3.33	3.33	0.66	0.4	3.33	0.51 No	0.4 Element Fault	
STY061	349	'473377224_/_473376164_1'	10	10	10	1.98	10	10	1.52 No	1.52 Unintentional Islanding	
STY061	350	'6487076_/_6487086'	3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5 Element Fault	
STY061	351	'473376167_/_473376164_2'	10	10	10	1.98	10	10	1.52 No	1.52 Unintentional Islanding	
STY061	352	'473376647_/_473376680_2'	10	10	10	1.98	1.4	10	1.52 No	1.4 Element Fault	
STY061	353	'43931994_/_473376124'	10	10	10	1.98	10	10	1.52 No	1.52 Unintentional Islanding	
STY061	354	'473376183_/_473376180'	10	10	10	1.98	10	10	1.52 No	1.52 Unintentional Islanding	
STY061	355	'9343649_/_9343646_2'	10	10	10	1.98	0.9	10	1.52 No	0.9 Element Fault	
STY061	356	'6507330_/_588916354'	10	10	10	1.98	10	10	1.52 No	1.52 Unintentional Islanding	
STY061	357	'6495232_/_473376792_2'	3.33	3.33	3.33	0.66	0.4	3.33	0.51 No	0.4 Element Fault	
STY061	358	'6488064_/_6502996'	3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5 Element Fault	
STY061	359	'6515189_/_6515328'	10	10	10	1.98	10	10	1.52 No	1.52 Unintentional Islanding	
STY061	360	'6487699_/_6487709'	3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5 Element Fault	
STY061	361	'6490317_/_6490314'	3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5 Element Fault	
STY061	362	'6467590_/_6467587'	3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5 Element Fault	
STY061	363	'588915714_/_588916282'	10	10	10	1.98	10	10	1.52 No	1.52 Unintentional Islanding	
STY061	364	'6507353_/_588916258'	10	10	10	1.98	10	10	1.52 No	1.52 Unintentional Islanding	
STY061	365	'277005846_/_63891255'	3.33	3.33	3.33	0.66	0.4	3.33	0.51 No	0.4 Element Fault	
STY061	366	'6486724_/_6504643_1'	3.33	3.33	3.33	0.66	0.4	3.33	0.51 No	0.4 Element Fault	
STY061	367	'6515172_/_6515186'	10	10	10	1.98	10	10	1.52 No	1.52 Unintentional Islanding	
STY061	368	'43926501_/_43926503'	10	10	10	1.98	1.4	10	1.52 No	1.4 Element Fault	
STY061	369	'598713058_/_598713062'	10	10	10	1.98	10	10	1.52 No	1.52 Unintentional Islanding	
STY061	370	'43926056_/_43926046'	3.33	3.33	3.33	0.66	0.4	3.33	0.51 No	0.4 Element Fault	
STY061	371	'8042363_/_544494161'	3.33	3.33	3.33	0.66	1.7	3.33	0.51 No	0.51 Unintentional Islanding	
STY061	372	'6504675_/_6504672'	3.33	3.33	3.33	0.66	0.3	3.33	0.51 No	0.3 Element Fault	
STY061	373	'598713143_/_108605290_1'	10	10	10	1.98	1.4	10	1.52 No	1.4 Element Fault	
STY061	374	'588915696_/_588915711'	10	10	10	1.98	10	10	1.52 No	1.52 Unintentional Islanding	
STY061	375	'6488106_/_6488116'	3.33	3.33	3.33	0.66	0.4	3.33	0.51 No	0.4 Element Fault	
STY061	376	'43930603_/_6507328'	10	10	10	1.98	4.5	10	1.52 No	1.52 Unintentional Islanding	
STY061	377	'5575804_/_43738916'	10	10	10	1.98	0.9	10	1.52 No	0.9 Element Fault	
STY061	378	'588915678_/_588915693'	10	10	10	1.98	10	10	1.52 No	1.52 Unintentional Islanding	
STY061	379	'6518458_/_6518455'	3.33	3.33	3.33	0.66	1.5	3.33	0.51 No	0.51 Unintentional Islanding	
STY061	380	'6507331_/_9659018_1'	10	10	10	1.98	2.2	10	1.52 No	1.52 Unintentional Islanding	
STY061	381	'43929515_/_6486907'	6.67	6.67	6.67	0.15	2.2	6.67	1.01 No	0.15 Thermal Discharging	
STY061	382	'43931981_/_43931983'	10	10	10	1.98	10	10	1.52 No	1.52 Unintentional Islanding	
STY061	383	'6502179_/_6502176'	3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5 Element Fault	
STY061	384	'588915660_/_588915675'	10	10	10	1.98	10	10	1.52 No	1.52 Unintentional Islanding	
STY061	385	'7405826_/_9299340'	10	10	10	1.98	2.2	10	1.52 No	1.52 Unintentional Islanding	
STY061	386	'6488207_/_6488204'	3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5 Element Fault	
STY061	387	'8042499_/_8042496'	6.67	6.67	6.67	1.32	1.47	6.67	1.01 No	1.01 Unintentional Islanding	
STY061	388	'6467603_/_6467600'	3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5 Element Fault	
STY061	389	'49934393_/_7766169_1'	3.33	3.33	3.33	0.66	0.7	3.33	0.51 No	0.51 Unintentional Islanding	
STY061	390	'49996212_/_6515345_1'	10	10	10	1.98	10	10	1.52 No	1.52 Unintentional Islanding	
STY061	391	'6515364_/_6515345_2'	10	10	10	1.98	10	10	1.52 No	1.52 Unintentional Islanding	
STY061	392	'6493218_/_7110464'	10	10	10	1.98	10	10	1.52 No	1.52 Unintentional Islanding	
STY061	393	'43926619_/_6488061'	3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5 Element Fault	
STY061	394	'6507354_/_6507351'	3.33	3.33	3.33	0.66	1.5	3.33	0.51 No	0.51 Unintentional Islanding	
STY061	395	'7165947_/_588916338'	10	10	10	1.98	4.6	10	1.52 No	1.52 Unintentional Islanding	
STY061	396	'6493201_/_6493215'	10	10	10	1.98	10	10	1.52 No	1.52 Unintentional Islanding	
STY061	397	'8440805_/_44097327_2'	10	10	10	1.98	4.6	10	1.52 No	1.52 Unintentional Islanding	
STY061	398	'434046156_/_9659018_2'	10	10	10	1.98	2.2	10	1.52 No	1.52 Unintentional Islanding	
STY061	399	'277005756_/_8401186_2'	3.33	3.33	3.33	0.66	0.4	3.33	0.51 No	0.4 Element Fault	
STY061	400	'6504703_/_6504685'	3.33	3.33	3.33	0.66	0.3	3.33	0.51 No	0.3 Element Fault	
STY061	401	'43928981_/_6495546'	3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5 Element Fault	
STY061	402	'7405509_/_7405506'	10	10	10	1.98	0.9	10	1.52 No	0.9 Element Fault	
STY061	403	'43925933_/_43925935'	3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5 Element Fault	
STY061	404	'44793706_/_6482601'	3.33	3.33	3.33	0.66	0.4	3.33	0.51 No	0.4 Element Fault	
STY061	405	'9659021_/_434046176'	10	10	10	1.98	2.2	10	1.52 No	1.52 Unintentional Islanding	
STY061	406	'6493184_/_6493198'	10	10	10	1.98	10	10	1.52 No	1.52 Unintentional Islanding	
STY061	407	'6497305_/_6497303_2'	10	10	10	1.98	10	10	1.52 No	1.52 Unintentional Islanding	
STY061	408	'6506535_/_6497303_1'	10	10	10	1.98	1.5	10	1.52 No	1.5 Element Fault	
STY061	409	'6502389_/_6502387'	10	10	10	1.98	1.4	10	1.52 No	1.4 Element Fault	
STY061	410	'6493167_/_6493181'	10	10	10	1.98	10	10	1.52 No	1.52 Unintentional Islanding	
STY061	411	'6495972_/_6495969'	3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5 Element Fault	
STY061	412	'6493150_/_6493164'	10	10	10	1.98	10	10	1.52 No	1.52 Unintentional Islanding	
STY061	413	'6488038_/_6488048'	3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5 Element Fault	
STY061	414	'43925807_/_43925809'	3.33	3.33	3.33	0.66	0.4	3.33	0.51 No	0.4 Element Fault	
STY061	415	'6493133_/_6493147'	10	10	10	1.98	10	10	1.52 No	1.52 Unintentional Islanding	
STY061	416	'43929234_/_6467616'	3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5 Element Fault	

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Over-Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
STY061	417	'43926011_/_6503361'		3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5 Element Fault
STY061	418	'108605284_/_108605290_2'		10	10	10	1.98	1.4	10	1.52 No	1.4 Element Fault
STY061	419	'6467331_/_6493130'		10	10	10	1.98	10	10	1.52 No	1.52 Unintentional Islanding
STY061	420	'40334285_/_44097327_1'		10	10	10	1.98	1.5	10	1.52 No	1.5 Element Fault
STY061	421	'108645189_/_108605264_1'		10	10	10	1.98	1.4	10	1.52 No	1.4 Element Fault
STY061	422	'6493115_/_6493113'		10	10	10	1.98	10	10	1.52 No	1.52 Unintentional Islanding
STY061	423	'6488220_/_6488217'		3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5 Element Fault
STY061	424	'43928959_/_6495230'		3.33	3.33	3.33	0.66	0.4	3.33	0.51 No	0.4 Element Fault
STY061	425	'6467332_/_6467342_1'		3.33	3.33	3.33	0.66	0.8	3.33	0.51 No	0.51 Unintentional Islanding
STY061	426	'6486725_/_6486722'		3.33	3.33	3.33	0.66	0.4	3.33	0.51 No	0.4 Element Fault
STY061	427	'6502150_/_43929517'		6.67	6.67	6.67	0.15	2.2	6.67	1.01 No	0.15 Thermal Discharging
STY061	428	'43930346_/_7110447'		10	10	10	1.98	10	10	1.52 No	1.52 Unintentional Islanding
STY061	429	'6488105_/_6488103'		3.33	3.33	3.33	0.66	0.4	3.33	0.51 No	0.4 Element Fault
STY061	430	'6506534_/_6506532'		10	10	10	1.98	1.5	10	1.52 No	1.5 Element Fault
STY061	431	'6514378_/_6514582'		10	10	10	1.98	10	10	1.52 No	1.52 Unintentional Islanding
STY061	432	'108605253_/_108605322'		10	10	10	1.98	1.4	10	1.52 No	1.4 Element Fault
STY061	433	'43926608_/_6488035'		3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5 Element Fault
STY061	434	'6514361_/_6514375'		10	10	10	1.98	10	10	1.52 No	1.52 Unintentional Islanding
STY061	435	'6488358_/_6504701'		3.33	3.33	3.33	0.66	0.3	3.33	0.51 No	0.3 Element Fault
STY061	436	'8663881_/_8983687'		10	10	10	1.98	2.2	10	1.52 No	1.52 Unintentional Islanding
STY061	437	'6487075_/_6487073'		3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5 Element Fault
STY061	438	'6506583_/_6514358'		10	10	10	1.98	10	10	1.52 No	1.52 Unintentional Islanding
STY061	439	'351707414_/_351707282_1'		10	10	10	1.98	5.1	10	1.52 No	1.52 Unintentional Islanding
STY061	440	'6467619_/_43929236'		3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5 Element Fault
STY061	441	'6506584_/_6506594_1'		3.33	3.33	3.33	0.66	0.4	3.33	0.51 No	0.4 Element Fault
STY061	442	'9684301_/_473376653'		10	10	10	1.98	1.4	10	1.52 No	1.4 Element Fault
STY061	443	'6506555_/_6506552'		3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5 Element Fault
STY061	444	'43930333_/_43930335'		10	10	10	1.98	10	10	1.52 No	1.52 Unintentional Islanding
STY061	445	'7766172_/_7766169_2'		3.33	3.33	3.33	0.66	0.7	3.33	0.51 No	0.51 Unintentional Islanding
STY061	446	'6485204_/_7110398'		3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5 Element Fault
STY061	447	'6482561_/_6503374'		3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5 Element Fault
STY061	448	'6514327_/_6514392'		10	10	10	1.98	10	10	1.52 No	1.52 Unintentional Islanding
STY061	449	'6506682_/_6514324'		10	10	10	1.98	10	10	1.52 No	1.52 Unintentional Islanding
STY061	450	'6467345_/_6467342_2'		3.33	3.33	3.33	0.66	0.8	3.33	0.51 No	0.51 Unintentional Islanding
STY061	451	'43926793_/_6488230'		3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5 Element Fault
STY061	452	'6517724_/_6517738'		10	10	10	1.98	1.5	10	1.52 No	1.5 Element Fault
STY061	453	'6514602_/_6514738'		10	10	10	1.98	10	10	1.52 No	1.52 Unintentional Islanding
STY061	454	'6506597_/_6506594_2'		3.33	3.33	3.33	0.66	0.4	3.33	0.51 No	0.4 Element Fault
STY061	455	'6506683_/_6506680'		10	10	10	1.98	4.6	10	1.52 No	1.52 Unintentional Islanding
STY061	456	'6488024_/_6488022'		3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5 Element Fault
STY061	457	'6514601_/_6514599'		10	10	10	1.98	10	10	1.52 No	1.52 Unintentional Islanding
STY061	458	'6485855_/_6495559'		3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5 Element Fault
STY061	459	'6486821_/_6486819'		3.33	3.33	3.33	0.66	0.4	3.33	0.51 No	0.4 Element Fault
STY061	460	'43931535_/_43931537'		10	10	10	1.98	10	10	1.52 No	1.52 Unintentional Islanding
STY061	461	'52494732_/_6506697_1'		10	10	10	1.98	1.5	10	1.52 No	1.5 Element Fault
STY061	462	'43926901_/_6488356'		3.33	3.33	3.33	0.66	0.3	3.33	0.51 No	0.3 Element Fault
STY061	463	'6482510_/_6482559'		3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5 Element Fault
STY061	464	'6502151_/_6502148'		6.67	6.67	6.67	0.15	2.2	6.67	1.01 No	0.15 Thermal Discharging
STY061	465	'6514618_/_6514616'		10	10	10	1.98	10	10	1.52 No	1.52 Unintentional Islanding
STY061	466	'6486738_/_6486735'		3.33	3.33	3.33	0.66	0.4	3.33	0.51 No	0.4 Element Fault
STY061	467	'8709096_/_8709094_1'		6.67	6.67	6.67	1.32	0.9	6.67	1.01 No	0.9 Element Fault
STY061	468	'6485526_/_6485523'		3.33	3.33	3.33	0.66	0.8	3.33	0.51 No	0.51 Unintentional Islanding
STY061	469	'6514652_/_6514650'		10	10	10	1.98	10	10	1.52 No	1.52 Unintentional Islanding
STY061	470	'43930322_/_6506568'		3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5 Element Fault
STY061	471	'43928970_/_6495243'		3.33	3.33	3.33	0.66	0.4	3.33	0.51 No	0.4 Element Fault
STY061	472	'6506613_/_6506610'		3.33	3.33	3.33	0.66	0.4	3.33	0.51 No	0.4 Element Fault
STY061	473	'43932228_/_6517833'		10	10	10	1.98	10	10	1.52 No	1.52 Unintentional Islanding
STY061	474	'6494952_/_6494979_1'		3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5 Element Fault
STY061	475	'8709081_/_9031785_1'		3.33	3.33	3.33	0.66	0.4	3.33	0.51 No	0.4 Element Fault
STY061	476	'6467701_/_6488243'		3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5 Element Fault
STY061	477	'6518153_/_6518151'		10	10	10	1.98	10	10	1.52 No	1.52 Unintentional Islanding
STY061	478	'6517652_/_6517721'		10	10	10	1.98	1.5	10	1.52 No	1.5 Element Fault
STY061	479	'6485539_/_6485536'		3.33	3.33	3.33	0.66	0.8	3.33	0.51 No	0.51 Unintentional Islanding
STY061	480	'6518300_/_6518297_2'		3.33	3.33	3.33	0.66	1	3.33	0.51 No	0.51 Unintentional Islanding
STY061	481	'43925245_/_6485202'		3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5 Element Fault
STY061	482	'6518200_/_6518210_1'		3.33	3.33	3.33	0.66	0.3	3.33	0.51 No	0.3 Element Fault
STY061	483	'6478823_/_7110210'		10	10	10	1.98	10	10	1.52 No	1.52 Unintentional Islanding
STY061	484	'6477959_/_6478820'		10	10	10	1.98	10	10	1.52 No	1.52 Unintentional Islanding
STY061	485	'6485555_/_6485552'		3.33	3.33	3.33	0.66	0.8	3.33	0.51 No	0.51 Unintentional Islanding
STY061	486	'6517668_/_6518210_2'		3.33	3.33	3.33	0.66	0.3	3.33	0.51 No	0.3 Element Fault
STY061	487	'43923255_/_6477956'		10	10	10	1.98	10	10	1.52 No	1.52 Unintentional Islanding
STY061	488	'8401153_/_9343478_1'		3.33	3.33	3.33	0.66	0.4	3.33	0.51 No	0.4 Element Fault
STY061	489	'6485856_/_6485853'		3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5 Element Fault
STY061	490	'6488359_/_43926903'		3.33	3.33	3.33	0.66	0.3	3.33	0.51 No	0.3 Element Fault
STY061	491	'43930359_/_6506697_2'		10	10	10	1.98	1.5	10	1.52 No	1.5 Element Fault
STY061	492	'6494953_/_6494950'		3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5 Element Fault
STY061	493	'6486938_/_6503252'		6.67	6.67	6.67	0.15	2.2	6.67	1.01 No	0.15 Thermal Discharging
STY061	494	'6477941_/_6477939_2'		10	10	10	1.98	10	10	1.52 No	1.52 Unintentional Islanding
STY061	495	'6482458_/_6482507'		3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5 Element Fault
STY061	496	'43923242_/_6477939_1'		10	10	10	1.98	10	10	1.52 No	1.52 Unintentional Islanding
STY061	497	'8709097_/_8709094_2'		6.67	6.67	6.67	1.32	0.9	6.67	1.01 No	0.9 Element Fault
STY061	498	'6477297_/_6478528'		10	10	10	1.98	10	10	1.52 No	1.52 Unintentional Islanding
STY061	499	'69395895_/_6510844'		3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5 Element Fault
STY061	500	'43925377_/_6485646'		3.33	3.33	3.33	0.66	0.8	3.33	0.51 No	0.51 Unintentional Islanding
STY061	501	'43926033_/_6502296'		3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5 Element Fault
STY061	502	'6485649_/_43925379'		3.33	3.33	3.33	0.66	0.8	3.33	0.51 No	0.51 Unintentional Islanding
STY061	503	'6478775_/_6478803'		10	10	10	1.98	10	10	1.52 No	1.52 Unintentional Islanding
STY061	504	'6518125_/_6518297_1'		3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5 Element Fault
STY061	505	'6478764_/_6478772'		10	10	10	1.98	10	10	1.52 No	1.52 Unintentional Islanding
STY061	506	'6467702_/_6467699'		3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5 Element Fault
STY061	507	'6478753_/_6478761'		10	10	10	1.98	10	10	1.52 No	1.52 Unintentional Islanding
STY061	508	'6478599_/_6478786'		10	10	10	1.98	10	10	1.52 No	1.52 Unintentional Islanding
STY061	509	'6486937_/_6486935'		3.33	3.33	3.33	0.08	1	3.33	0.51 No	0.08 Thermal Discharging
STY061	510	'6494939_/_6502570'		3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5 Element Fault

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
STY061	511	'6478752_/_6478750'	10	10	10	1.98	10	10	1.52	No	1.52 Unintentional Islanding
STY061	512	'6506469_/_6517649'	10	10	10	1.98	1.5	10	1.52	No	1.5 Element Fault
STY061	513	'6478582_/_6478596'	10	10	10	1.98	10	10	1.52	No	1.52 Unintentional Islanding
STY061	514	'43925133_/_6484579'	10	10	10	1.98	10	10	1.52	No	1.52 Unintentional Islanding
STY061	515	'6486966_/_6486963'	3.33	3.33	3.33	0.08	1	3.33	0.51	No	0.08 Thermal Discharging
STY061	516	'6478565_/_6478579'	10	10	10	1.98	10	10	1.52	No	1.52 Unintentional Islanding
STY061	517	'6485869_/_6485866'	3.33	3.33	3.33	0.66	0.5	3.33	0.51	No	0.5 Element Fault
STY061	518	'6484560_/_6484568'	10	10	10	1.98	10	10	1.52	No	1.52 Unintentional Islanding
STY061	519	'6485218_/_43925247'	3.33	3.33	3.33	0.66	0.5	3.33	0.51	No	0.5 Element Fault
STY061	520	'43923229_/_6477295'	10	10	10	1.98	3.5	10	1.52	No	1.52 Unintentional Islanding
STY061	521	'6478548_/_6478562'	10	10	10	1.98	10	10	1.52	No	1.52 Unintentional Islanding
STY061	522	'6478742_/_6484557'	10	10	10	1.98	10	10	1.52	No	1.52 Unintentional Islanding
STY061	523	'6477298_/_6477315_1'	10	10	10	1.98	1.6	10	1.52	No	1.52 Unintentional Islanding
STY061	524	'6478731_/_6478739'	10	10	10	1.98	10	10	1.52	No	1.52 Unintentional Islanding
STY061	525	'6477841_/_6478545'	10	10	10	1.98	10	10	1.52	No	1.52 Unintentional Islanding
STY061	526	'43932184_/_6517666'	3.33	3.33	3.33	0.66	0.3	3.33	0.51	No	0.3 Element Fault
STY061	527	'6495246_/_43928972'	3.33	3.33	3.33	0.66	0.4	3.33	0.51	No	0.4 Element Fault
STY061	528	'6486951_/_6486948'	6.67	6.67	6.67	0.15	2.2	6.67	1.01	No	0.15 Thermal Discharging
STY061	529	'6478698_/_6478728'	10	10	10	1.98	10	10	1.52	No	1.52 Unintentional Islanding
STY061	530	'398646579_/_398646581'	10	10	10	1.98	10	10	1.52	No	1.52 Unintentional Islanding
STY061	531	'6476900_/_6477838_1'	3.33	3.33	3.33	0.66	0.5	3.33	0.51	No	0.5 Element Fault
STY061	532	'6506625_/_6506660'	10	10	10	1.98	1.5	10	1.52	No	1.5 Element Fault
STY061	533	'43923184_/_6478695'	10	10	10	1.98	10	10	1.52	No	1.52 Unintentional Islanding
STY061	534	'6476768_/_6478437'	10	10	10	1.98	10	10	1.52	No	1.52 Unintentional Islanding
STY061	535	'6485895_/_6485892'	3.33	3.33	3.33	0.66	0.5	3.33	0.51	No	0.5 Element Fault
STY061	536	'6488076_/_6494937'	3.33	3.33	3.33	0.66	0.5	3.33	0.51	No	0.5 Element Fault
STY061	537	'6478686_/_6478684'	10	10	10	1.98	10	10	1.52	No	1.52 Unintentional Islanding
STY061	538	'6478403_/_6478417'	10	10	10	1.98	10	10	1.52	No	1.52 Unintentional Islanding
STY061	539	'43925355_/_6485565'	3.33	3.33	3.33	0.66	0.8	3.33	0.51	No	0.51 Unintentional Islanding
STY061	540	'6478709_/_6478717'	10	10	10	1.98	10	10	1.52	No	1.52 Unintentional Islanding
STY061	541	'6502312_/_6502309'	3.33	3.33	3.33	0.66	0.5	3.33	0.51	No	0.5 Element Fault
STY061	542	'43929245_/_6467712'	3.33	3.33	3.33	0.66	0.5	3.33	0.51	No	0.5 Element Fault
STY061	543	'6478463_/_6478706'	10	10	10	1.98	10	10	1.52	No	1.52 Unintentional Islanding
STY061	544	'6476901_/_6477838_2'	3.33	3.33	3.33	0.66	0.5	3.33	0.51	No	0.5 Element Fault
STY061	545	'6476741_/_6478400'	10	10	10	1.98	10	10	1.52	No	1.52 Unintentional Islanding
STY061	546	'489349043_/_489348995_1'	10	10	10	1.98	1.4	10	1.52	No	1.4 Element Fault
STY061	547	'6518124_/_6518122'	3.33	3.33	3.33	0.66	0.5	3.33	0.51	No	0.5 Element Fault
STY061	548	'6506468_/_6506466'	10	10	10	1.98	1.5	10	1.52	No	1.5 Element Fault
STY061	549	'43923145_/_43923147'	10	10	10	1.98	10	10	1.52	No	1.52 Unintentional Islanding
STY061	550	'49934398_/_6518181_1'	3.33	3.33	3.33	0.66	0.3	3.33	0.51	No	0.3 Element Fault
STY061	551	'6517681_/_43932186'	3.33	3.33	3.33	0.66	0.3	3.33	0.51	No	0.3 Element Fault
STY061	552	'43924308_/_6478477'	10	10	10	1.98	10	10	1.52	No	1.52 Unintentional Islanding
STY061	553	'6506486_/_637107656_1'	10	10	10	1.98	1.5	10	1.52	No	1.5 Element Fault
STY061	554	'467109490_/_6476765_2'	3.33	3.33	3.33	0.66	1	3.33	0.51	No	0.51 Unintentional Islanding
STY061	555	'6478366_/_6478380'	10	10	10	1.98	10	10	1.52	No	1.52 Unintentional Islanding
STY061	556	'467109520_/_43922974_1'	3.33	3.33	3.33	0.66	0.4	3.33	0.51	No	0.4 Element Fault
STY061	557	'6482445_/_6482455'	3.33	3.33	3.33	0.66	0.5	3.33	0.51	No	0.5 Element Fault
STY061	558	'6476780_/_6476765_1'	3.33	3.33	3.33	0.66	0.5	3.33	0.51	No	0.5 Element Fault
STY061	559	'6477103_/_6477100_2'	10	10	10	1.98	3.2	10	1.52	No	1.52 Unintentional Islanding
STY061	560	'6478017_/_43924310'	10	10	10	1.98	10	10	1.52	No	1.52 Unintentional Islanding
STY061	561	'6482778_/_6502322'	3.33	3.33	3.33	0.66	0.5	3.33	0.51	No	0.5 Element Fault
STY061	562	'6485882_/_6485879'	3.33	3.33	3.33	0.66	0.5	3.33	0.51	No	0.5 Element Fault
STY061	563	'6476506_/_6478363'	10	10	10	1.98	10	10	1.52	No	1.52 Unintentional Islanding
STY061	564	'6478652_/_6478650'	10	10	10	1.98	10	10	1.52	No	1.52 Unintentional Islanding
STY061	565	'448442192_/_43923196'	10	10	10	1.98	10	10	1.52	No	1.52 Unintentional Islanding
STY061	566	'43925852_/_43925854'	3.33	3.33	3.33	0.08	1	3.33	0.51	No	0.08 Thermal Discharging
STY061	567	'8086213_/_8086211_2'	10	10	10	1.98	5.1	10	1.52	No	1.52 Unintentional Islanding
STY061	568	'43922972_/_43922974_2'	3.33	3.33	3.33	0.66	0.4	3.33	0.51	No	0.4 Element Fault
STY061	569	'6486979_/_6486976'	3.33	3.33	3.33	0.08	1	3.33	0.51	No	0.08 Thermal Discharging
STY061	570	'489348998_/_489348995_2'	10	10	10	1.98	1.4	10	1.52	No	1.4 Element Fault
STY061	571	'6467508_/_43929247'	3.33	3.33	3.33	0.66	0.5	3.33	0.51	No	0.5 Element Fault
STY061	572	'43923194_/_448442200'	10	10	10	1.98	10	10	1.52	No	1.52 Unintentional Islanding
STY061	573	'6476507_/_6476504'	3.33	3.33	3.33	0.66	0.5	3.33	0.51	No	0.5 Element Fault
STY061	574	'6485231_/_6485228'	3.33	3.33	3.33	0.66	0.5	3.33	0.51	No	0.5 Element Fault
STY061	575	'6476222_/_6478990'	10	10	10	1.98	10	10	1.52	No	1.52 Unintentional Islanding
STY061	576	'8086214_/_8086211_1'	10	10	10	1.98	1.4	10	1.52	No	1.4 Element Fault
STY061	577	'6478018_/_6478028_1'	3.33	3.33	3.33	0.66	0.5	3.33	0.51	No	0.5 Element Fault
STY061	578	'6512908_/_6518138'	3.33	3.33	3.33	0.66	0.5	3.33	0.51	No	0.5 Element Fault
STY061	579	'448442094_/_448442096'	10	10	10	1.98	10	10	1.52	No	1.52 Unintentional Islanding
STY061	580	'6517682_/_6517679'	3.33	3.33	3.33	0.66	0.3	3.33	0.51	No	0.3 Element Fault
STY061	581	'6504349_/_6504346'	3.33	3.33	3.33	0.66	0.5	3.33	0.51	No	0.5 Element Fault
STY061	582	'6476205_/_6476219'	10	10	10	1.98	10	10	1.52	No	1.52 Unintentional Islanding
STY061	583	'6482779_/_6482776'	3.33	3.33	3.33	0.66	0.5	3.33	0.51	No	0.5 Element Fault
STY061	584	'6476742_/_6476739_1'	3.33	3.33	3.33	0.1	1.6	3.33	0.51	No	0.1 Thermal Discharging
STY061	585	'6489602_/_6489599'	6.67	6.67	6.67	0.15	2.2	6.67	1.01	No	0.15 Thermal Discharging
STY061	586	'6517796_/_6518181_2'	3.33	3.33	3.33	0.66	0.3	3.33	0.51	No	0.3 Element Fault
STY061	587	'6476188_/_6476202'	10	10	10	1.98	10	10	1.52	No	1.52 Unintentional Islanding
STY061	588	'6485581_/_6485578'	3.33	3.33	3.33	0.66	0.8	3.33	0.51	No	0.51 Unintentional Islanding
STY061	589	'43923007_/_6476739_2'	3.33	3.33	3.33	0.1	1.6	3.33	0.51	No	0.1 Thermal Discharging
STY061	590	'6488077_/_6488074'	3.33	3.33	3.33	0.66	0.5	3.33	0.51	No	0.5 Element Fault
STY061	591	'6476171_/_6476185'	10	10	10	1.98	10	10	1.52	No	1.52 Unintentional Islanding
STY061	592	'43923158_/_6477100_1'	10	10	10	1.98	1.5	10	1.52	No	1.5 Element Fault
STY061	593	'6506626_/_6506623'	10	10	10	1.98	1.5	10	1.52	No	1.5 Element Fault
STY061	594	'6482471_/_6482468'	3.33	3.33	3.33	0.66	0.5	3.33	0.51	No	0.5 Element Fault
STY061	595	'6476914_/_6476911'	3.33	3.33	3.33	0.66	0.5	3.33	0.51	No	0.5 Element Fault
STY061	596	'6476154_/_6476168'	10	10	10	1.98	10	10	1.52	No	1.52 Unintentional Islanding
STY061	597	'637107659_/_637107656_2'	10	10	10	1.98	1.5	10	1.52	No	1.5 Element Fault
STY061	598	'43929695_/_6504372'	3.33	3.33	3.33	0.66	0.5	3.33	0.51	No	0.5 Element Fault
STY061	599	'637107604_/_681063484_1'	3.33	3.33	3.33	0.66	0.5	3.33	0.51	No	0.5 Element Fault
STY061	600	'43922879_/_43922881'	3.33	3.33	3.33	0.66	0.5	3.33	0.51	No	0.5 Element Fault
STY061	601	'6476754_/_6476752'	3.33	3.33	3.33	0.66	0.4	3.33	0.51	No	0.4 Element Fault
STY061	602	'6477047_/_7110096'	3.33	3.33	3.33	0.66	0.5	3.33	0.51	No	0.5 Element Fault
STY061	603	'681063618_/_681063484_2'	3.33	3.33	3.33	0.66	0.3	3.33	0.51	No	0.3 Element Fault
STY061	604	'6476137_/_6476151'	10	10	10	1.98	10	10	1.52	No	1.52 Unintentional Islanding

Feeder Name	Feeder ID	Node	Primary Over- Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
STY061	605	'8086234_/_9343478_2'	3.33	3.33	3.33	3.33	0.66	0.4	3.33	0.51 No	0.4 Element Fault
STY061	606	'6517695_/_6517692'	3.33	3.33	3.33	3.33	0.66	0.3	3.33	0.51 No	0.3 Element Fault
STY061	607	'6467509_/_6467506'	3.33	3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5 Element Fault
STY061	608	'681123354_/_681123295_2'	3.33	3.33	3.33	3.33	0.66	0.3	3.33	0.51 No	0.3 Element Fault
STY061	609	'6477318_/_6477315_2'	10	10	10	1.98	1.6	10	1.52 No	1.52	Unintentional Islanding
STY061	610	'43922600_/_6476134'	10	10	10	1.98	10	10	1.52 No	1.52	Unintentional Islanding
STY061	611	'6485908_/_6485905'	3.33	3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5 Element Fault
STY061	612	'681063487_/_681063484_3'	3.33	3.33	3.33	3.33	0.66	0.3	3.33	0.51 No	0.3 Element Fault
STY061	613	'6482429_/_6482442'	3.33	3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5 Element Fault
STY061	614	'43923171_/_6477080'	10	10	10	1.98	1.5	10	1.52 No	1.5	Element Fault
STY061	615	'43925435_/_6486083'	3.33	3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5 Element Fault
STY061	616	'6512909_/_6512906'	3.33	3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5 Element Fault
STY061	617	'6476103_/_6476117'	10	10	10	1.98	10	10	1.52 No	1.52	Unintentional Islanding
STY061	618	'6476807_/_6476804'	3.33	3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5 Element Fault
STY061	619	'7481228_/_7481226_1'	10	10	10	1.98	0.9	10	1.52 No	0.9	Element Fault
STY061	620	'6477643_/_43923009'	3.33	3.33	3.33	3.33	0.1	1.6	3.33	0.51 No	0.1 Thermal Discharging
STY061	621	'6486924_/_6486922'	3.33	3.33	3.33	3.33	0.08	1	3.33	0.51 No	0.08 Thermal Discharging
STY061	622	'6476086_/_6476100'	10	10	10	1.98	10	10	1.52 No	1.52	Unintentional Islanding
STY061	623	'6476069_/_6476083'	10	10	10	1.98	10	10	1.52 No	1.52	Unintentional Islanding
STY061	624	'6482698_/_6489617'	6.67	6.67	6.67	0.15	2.2	6.67	1.01 No	0.15	Thermal Discharging
STY061	625	'6477423_/_6477420'	3.33	3.33	3.33	3.33	0.66	0.4	3.33	0.51 No	0.4 Element Fault
STY061	626	'6506643_/_6506640'	10	10	10	1.98	1.5	10	1.52 No	1.5	Element Fault
STY061	627	'6473551_/_6476066'	10	10	10	1.98	10	10	1.52 No	1.52	Unintentional Islanding
STY061	628	'7481229_/_7481226_2'	10	10	10	1.98	0.9	10	1.52 No	0.9	Element Fault
STY061	629	'6485594_/_6485591'	3.33	3.33	3.33	3.33	0.66	0.8	3.33	0.51 No	0.51 Unintentional Islanding
STY061	630	'6485244_/_6485241'	3.33	3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5 Element Fault
STY061	631	'43929684_/_43929697'	3.33	3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5 Element Fault
STY061	632	'43932045_/_43932047'	3.33	3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5 Element Fault
STY061	633	'6482697_/_6482695'	3.33	3.33	3.33	3.33	0.08	0.3	3.33	0.51 No	0.08 Thermal Discharging
STY061	634	'6467522_/_6467519'	3.33	3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5 Element Fault
STY061	635	'6473538_/_6473535_2'	3.33	3.33	3.33	3.33	0.66	1	3.33	0.51 No	0.51 Unintentional Islanding
STY061	636	'43925863_/_6486989'	3.33	3.33	3.33	3.33	0.08	1	3.33	0.51 No	0.08 Thermal Discharging
STY061	637	'6477014_/_6477057'	10	10	10	1.98	1.5	10	1.52 No	1.5	Element Fault
STY061	638	'44991418_/_6495572'	3.33	3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5 Element Fault
STY061	639	'6479266_/_6479280'	10	10	10	1.98	10	10	1.52 No	1.52	Unintentional Islanding
STY061	640	'6482795_/_6482792'	3.33	3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5 Element Fault
STY061	641	'52494750_/_6485267_1'	3.33	3.33	3.33	3.33	0.66	0.3	3.33	0.51 No	0.3 Element Fault
STY061	642	'6479265_/_6479263'	10	10	10	1.98	10	10	1.52 No	1.52	Unintentional Islanding
STY061	643	'6477180_/_6478028_2'	3.33	3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5 Element Fault
STY061	644	'6489663_/_6489674'	3.33	3.33	3.33	3.33	0.08	0.3	3.33	0.51 No	0.08 Thermal Discharging
STY061	645	'6473537_/_6473535_1'	3.33	3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5 Element Fault
STY061	646	'6479132_/_6479129'	3.33	3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5 Element Fault
STY061	647	'6467577_/_6467574'	3.33	3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5 Element Fault
STY061	648	'398647819_/_6479314'	10	10	10	1.98	10	10	1.52 No	1.52	Unintentional Islanding
STY061	649	'43922460_/_43922462'	10	10	10	1.98	10	10	1.52 No	1.52	Unintentional Islanding
STY061	650	'6476927_/_6476924'	3.33	3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5 Element Fault
STY061	651	'6517708_/_6517705'	3.33	3.33	3.33	3.33	0.66	0.3	3.33	0.51 No	0.3 Element Fault
STY061	652	'6477519_/_6477656'	3.33	3.33	3.33	3.33	0.1	1.6	3.33	0.51 No	0.1 Thermal Discharging
STY061	653	'681063511_/_681063508'	3.33	3.33	3.33	3.33	0.66	0.3	3.33	0.51 No	0.3 Element Fault
STY061	654	'277276650_/_277276704'	3.33	3.33	3.33	3.33	0.66	0.4	3.33	0.51 No	0.4 Element Fault
STY061	655	'7479012_/_9031785_2'	3.33	3.33	3.33	3.33	0.66	0.4	3.33	0.51 No	0.4 Element Fault
STY061	656	'6476052_/_6479246'	10	10	10	1.98	10	10	1.52 No	1.52	Unintentional Islanding
STY061	657	'6477046_/_6477044'	3.33	3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5 Element Fault
STY061	658	'6482428_/_6482426'	3.33	3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5 Element Fault
STY061	659	'6477532_/_6477530'	3.33	3.33	3.33	3.33	0.1	1	3.33	0.51 No	0.1 Thermal Discharging
STY061	660	'6476035_/_6476049'	10	10	10	1.98	10	10	1.52 No	1.52	Unintentional Islanding
STY061	661	'6485704_/_6485714'	3.33	3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5 Element Fault
STY061	662	'6476820_/_6476817'	3.33	3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5 Element Fault
STY061	663	'6476994_/_6477011'	10	10	10	1.98	1.5	10	1.52 No	1.5	Element Fault
STY061	664	'43925988_/_6482481'	3.33	3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5 Element Fault
STY061	665	'6476519_/_6476517'	3.33	3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5 Element Fault
STY061	666	'6479090_/_6479116'	3.33	3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5 Element Fault
STY061	667	'6473369_/_6476032'	10	10	10	1.98	10	10	1.52 No	1.52	Unintentional Islanding
STY061	668	'43931616_/_6512919'	3.33	3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5 Element Fault
STY061	669	'6482711_/_6482708'	3.33	3.33	3.33	3.33	0.08	1.1	3.33	0.51 No	0.08 Thermal Discharging
STY061	670	'6485270_/_6485267_2'	3.33	3.33	3.33	3.33	0.66	0.3	3.33	0.51 No	0.3 Element Fault
STY061	671	'6473349_/_6473346_2'	10	10	10	1.98	4.5	10	1.52 No	1.52	Unintentional Islanding
STY061	672	'6477672_/_6477669'	3.33	3.33	3.33	3.33	0.1	1	3.33	0.51 No	0.1 Thermal Discharging
STY061	673	'6477436_/_6477433'	3.33	3.33	3.33	3.33	0.66	0.4	3.33	0.51 No	0.4 Element Fault
STY061	674	'43928921_/_7110424'	10	10	10	1.98	1.5	10	1.52 No	1.5	Element Fault
STY061	675	'6485607_/_6485604'	3.33	3.33	3.33	3.33	0.66	0.8	3.33	0.51 No	0.51 Unintentional Islanding
STY061	676	'6473386_/_6473399_1'	3.33	3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5 Element Fault
STY061	677	'9372516_/_9372514'	10	10	10	1.98	0.9	10	1.52 No	0.9	Element Fault
STY061	678	'6476238_/_6476236'	10	10	10	1.98	10	10	1.52 No	1.52	Unintentional Islanding
STY061	679	'43932206_/_6517794'	3.33	3.33	3.33	3.33	0.66	0.3	3.33	0.51 No	0.3 Element Fault
STY061	680	'6504375_/_43929686'	3.33	3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5 Element Fault
STY061	681	'6476559_/_6476556_2'	3.33	3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5 Element Fault
STY061	682	'6504404_/_6504414'	3.33	3.33	3.33	3.33	0.08	1	3.33	0.51 No	0.08 Thermal Discharging
STY061	683	'43924491_/_6478142'	3.33	3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5 Element Fault
STY061	684	'6487166_/_6487164'	3.33	3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5 Element Fault
STY061	685	'43921898_/_43921900'	10	10	10	1.98	10	10	1.52 No	1.52	Unintentional Islanding
STY061	686	'6482659_/_6489687'	3.33	3.33	3.33	3.33	0.08	0.3	3.33	0.51 No	0.08 Thermal Discharging
STY061	687	'6467660_/_6467686'	3.33	3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5 Element Fault
STY061	688	'6479010_/_6479024'	10	10	10	1.98	10	10	1.52 No	1.52	Unintentional Islanding
STY061	689	'6476940_/_6476937'	3.33	3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5 Element Fault
STY061	690	'7405827_/_7405824'	3.33	3.33	3.33	3.33	0.66	0.73	3.33	0.51 No	0.51 Unintentional Islanding
STY061	691	'6473402_/_6473399_2'	3.33	3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5 Element Fault
STY061	692	'85887011_/_85887005'	10	10	10	1.98	10	10	1.52 No	1.52	Unintentional Islanding
STY061	693	'6476001_/_6475998_2'	10	10	10	1.98	10	10	1.52 No	1.52	Unintentional Islanding
STY061	694	'43926089_/_6489661'	3.33	3.33	3.33	3.33	0.08	0.3	3.33	0.51 No	0.08 Thermal Discharging
STY061	695	'111116003_/_43931699_2'	3.33	3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5 Element Fault
STY061	696	'6488090_/_6488087'	3.33	3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5 Element Fault
STY061	697	'6477335_/_6477332'	10	10	10	1.98	1.6	10	1.52 No	1.52	Unintentional Islanding
STY061	698	'6477119_/_6477178'	3.33	3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5 Element Fault

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
											VSR (MW)	Limiting Threshold
STY061	699	'6460402_/_6475998_1'			10	10	1.98	10	10	1.52 No	1.52	Unintentional Islanding
STY061	700	'6473332_/_6473346_1'			10	10	1.98	1.5	10	1.52 No	1.5	Element Fault
STY061	701	'43931697_/_43931699_1'		3.33	3.33	3.33	0.66	0.3	3.33	0.51 No	0.3	Element Fault
STY061	702	'6485703_/_6485701'		3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5	Element Fault
STY061	703	'6476585_/_6476582_1'		3.33	3.33	3.33	0.66	0.3	3.33	0.51 No	0.3	Element Fault
STY061	704	'6468764_/_6468778'		10	10	10	1.98	10	10	1.52 No	1.52	Unintentional Islanding
STY061	705	'6486992_/_43925865'		3.33	3.33	3.33	0.08	1	3.33	0.51 No	0.08	Thermal Discharging
STY061	706	'43922567_/_6479087'		3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5	Element Fault
STY061	707	'6468747_/_6468761'		10	10	10	1.98	10	10	1.52 No	1.52	Unintentional Islanding
STY061	708	'43926000_/_43925990'		3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5	Element Fault
STY061	709	'43924480_/_6478116'		3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5	Element Fault
STY061	710	'6477520_/_6477517'		3.33	3.33	3.33	0.1	1.2	3.33	0.51 No	0.1	Thermal Discharging
STY061	711	'6467564_/_6467657'		3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5	Element Fault
STY061	712	'6460403_/_6460387_1'		3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5	Element Fault
STY061	713	'6478145_/_43924493'		3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5	Element Fault
STY061	714	'681123279_/_681123295_3'		3.33	3.33	3.33	0.66	0.3	3.33	0.51 No	0.3	Element Fault
STY061	715	'6476598_/_6476582_2'		3.33	3.33	3.33	0.66	0.3	3.33	0.51 No	0.3	Element Fault
STY061	716	'43922949_/_6476991'		10	10	10	1.98	1.5	10	1.52 No	1.5	Element Fault
STY061	717	'43922983_/_6477446'		3.33	3.33	3.33	0.66	0.4	3.33	0.51 No	0.4	Element Fault
STY061	718	'6459170_/_6460387_2'		3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5	Element Fault
STY061	719	'6459265_/_6468744'		10	10	10	1.98	10	10	1.52 No	1.52	Unintentional Islanding
STY061	720	'43925186_/_43925188'		3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5	Element Fault
STY061	721	'6477789_/_6477786'		3.33	3.33	3.33	0.1	1	3.33	0.51 No	0.1	Thermal Discharging
STY061	722	'6485691_/_6485743'		3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5	Element Fault
STY061	723	'6484298_/_6484308_1'		3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5	Element Fault
STY061	724	'6467647_/_6467644'		3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5	Element Fault
STY061	725	'6468729_/_6468727'		10	10	10	1.98	10	10	1.52 No	1.52	Unintentional Islanding
STY061	726	'6512935_/_43931618'		3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5	Element Fault
STY061	727	'6472515_/_6472529'		10	10	10	1.98	10	10	1.52 No	1.52	Unintentional Islanding
STY061	728	'6476558_/_6476556_1'		3.33	3.33	3.33	0.66	0.3	3.33	0.51 No	0.3	Element Fault
STY061	729	'6459264_/_6459236_1'		3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5	Element Fault
STY061	730	'43929411_/_6501354'		3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5	Element Fault
STY061	731	'6460377_/_6460387_3'		3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5	Element Fault
STY061	732	'43922436_/_43922438'		10	10	10	1.98	1.5	10	1.52 No	1.5	Element Fault
STY061	733	'6459239_/_6459236_2'		3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5	Element Fault
STY061	734	'43924998_/_43925000'		10	10	10	1.98	10	10	1.52 No	1.52	Unintentional Islanding
STY061	735	'6512987_/_6513013'		3.33	3.33	3.33	0.66	0.3	3.33	0.51 No	0.3	Element Fault
STY061	736	'6476953_/_6476950'		3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5	Element Fault
STY061	737	'6482646_/_6482656'		3.33	3.33	3.33	0.08	0.3	3.33	0.51 No	0.08	Thermal Discharging
STY061	738	'6485759_/_6485756'		3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5	Element Fault
STY061	739	'43925977_/_43925979'		3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5	Element Fault
STY061	740	'43922449_/_6473425'		3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5	Element Fault
STY061	741	'43929706_/_6504401'		3.33	3.33	3.33	0.08	1	3.33	0.51 No	0.08	Thermal Discharging
STY061	742	'43925366_/_6485617'		3.33	3.33	3.33	0.66	0.8	3.33	0.51 No	0.51	Unintentional Islanding
STY061	743	'6472478_/_6472492'		10	10	10	1.98	10	10	1.52 No	1.52	Unintentional Islanding
STY061	744	'7884741_/_8087119_2'		3.33	3.33	3.33	0.66	0.3	3.33	0.51 No	0.3	Element Fault
STY061	745	'6483141_/_6483138'		3.33	3.33	3.33	0.08	1.1	3.33	0.51 No	0.08	Thermal Discharging
STY061	746	'6476611_/_6476608'		3.33	3.33	3.33	0.66	0.3	3.33	0.51 No	0.3	Element Fault
STY061	747	'6459183_/_6484308_2'		3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5	Element Fault
STY061	748	'70127458_/_43930495'		3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5	Element Fault
STY061	749	'6472477_/_6472475'		10	10	10	1.98	10	10	1.52 No	1.52	Unintentional Islanding
STY061	750	'6488401_/_6488398'		3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5	Element Fault
STY061	751	'43923051_/_6477546'		3.33	3.33	3.33	0.1	1.2	3.33	0.51 No	0.1	Thermal Discharging
STY061	752	'6473298_/_6473312'		10	10	10	1.98	1.5	10	1.52 No	1.5	Element Fault
STY061	753	'6482497_/_43926002'		3.33	3.33	3.33	0.66	0.3	3.33	0.51 No	0.3	Element Fault
STY061	754	'6482724_/_6482721'		3.33	3.33	3.33	0.08	0.3	3.33	0.51 No	0.08	Thermal Discharging
STY061	755	'6476978_/_6476976'		10	10	10	1.98	1.5	10	1.52 No	1.5	Element Fault
STY061	756	'6508780_/_6517807'		3.33	3.33	3.33	0.66	0.3	3.33	0.51 No	0.3	Element Fault
STY061	757	'6485678_/_6485688'		3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5	Element Fault
STY061	758	'6470238_/_6472546'		10	10	10	1.98	10	10	1.52 No	1.52	Unintentional Islanding
STY061	759	'6477120_/_6477117'		3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5	Element Fault
STY061	760	'6467551_/_6467561'		3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5	Element Fault
STY061	761	'6485771_/_6486070'		3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5	Element Fault
STY061	762	'6478908_/_6478905'		3.33	3.33	3.33	0.1	1	3.33	0.51 No	0.1	Thermal Discharging
STY061	763	'43921911_/_43921913'		10	10	10	1.98	10	10	1.52 No	1.52	Unintentional Islanding
STY061	764	'6485286_/_6485283'		3.33	3.33	3.33	0.66	0.3	3.33	0.51 No	0.3	Element Fault
STY061	765	'6477992_/_43922985'		3.33	3.33	3.33	0.66	0.4	3.33	0.51 No	0.4	Element Fault
STY061	766	'6479076_/_6479074'		3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5	Element Fault
STY061	767	'6476832_/_43924482'		3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5	Element Fault
STY061	768	'6459421_/_6470218'		10	10	10	1.98	10	10	1.52 No	1.52	Unintentional Islanding
STY061	769	'6474159_/_6478918'		3.33	3.33	3.33	0.1	1	3.33	0.51 No	0.1	Thermal Discharging
STY061	770	'7816063_/_7816061_1'		3.33	3.33	3.33	0.66	0.3	3.33	0.51 No	0.3	Element Fault
STY061	771	'6477975_/_6478002'		3.33	3.33	3.33	0.66	0.4	3.33	0.51 No	0.4	Element Fault
STY061	772	'6459157_/_6459168'		3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5	Element Fault
STY061	773	'6466669_/_6468710'		10	10	10	1.98	10	10	1.52 No	1.52	Unintentional Islanding
STY061	774	'6459226_/_6459236_3'		3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5	Element Fault
STY061	775	'9658679_/_9658676'		3.33	3.33	3.33	0.66	0.3	3.33	0.51 No	0.3	Element Fault
STY061	776	'6459408_/_6459405_2'		3.33	3.33	3.33	0.66	1	3.33	0.51 No	0.51	Unintentional Islanding
STY061	777	'6476966_/_6476963'		3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5	Element Fault
STY061	778	'717248586_/_717248583'		10	10	10	1.98	1.5	10	1.52 No	1.5	Element Fault
STY061	779	'6473281_/_6473295'		10	10	10	1.98	1.5	10	1.52 No	1.5	Element Fault
STY061	780	'6474199_/_6474196'		3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5	Element Fault
STY061	781	'6466558_/_6466666'		10	10	10	1.98	10	10	1.52 No	1.52	Unintentional Islanding
STY061	782	'6484872_/_6484870'		3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5	Element Fault
STY061	783	'6459291_/_6459288'		3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5	Element Fault
STY061	784	'560346805_/_6485335_1'		3.33	3.33	3.33	0.66	0.2	3.33	0.51 No	0.2	Element Fault
STY061	785	'6510499_/_6512945'		3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5	Element Fault
STY061	786	'7816064_/_7816061_2'		3.33	3.33	3.33	0.66	0.3	3.33	0.51 No	0.3	Element Fault
STY061	787	'648657121_/_6459447_1'		10	10	10	1.98	1.6	10	1.52 No	1.52	Unintentional Islanding
STY061	788	'43921644_/_43921646'		10	10	10	1.98	10	10	1.52 No	1.52	Unintentional Islanding
STY061	789	'43929705_/_6504385'		3.33	3.33	3.33	0.08	1	3.33	0.51 No	0.08	Thermal Discharging
STY061	790	'6466652_/_6470999'		10	10	10	1.98	10	10	1.52 No	1.52	Unintentional Islanding
STY061	791	'6482633_/_6482643'		3.33	3.33	3.33	0.08	0.3	3.33	0.51 No	0.08	Thermal Discharging
STY061	792	'6458476_/_6466649'		10	10	10	1.98	10	10	1.52 No	1.52	Unintentional Islanding

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
STY061	793	'43921618_/43921620'		10	10	10	1.98	10	10	1.52 No	1.52 Unintentional Islanding
STY061	794	'6477207_/6477204'		3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5 Element Fault
STY061	795	'6485338_/6485335_2'		3.33	3.33	3.33	0.66	0.2	3.33	0.51 No	0.2 Element Fault
STY061	796	'6488388_/6488411'		3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5 Element Fault
STY061	797	'43921631_/43921633'		10	10	10	1.98	10	10	1.52 No	1.52 Unintentional Islanding
STY061	798	'6466615_/6466629'		10	10	10	1.98	10	10	1.52 No	1.52 Unintentional Islanding
STY061	799	'43926243_/6483378'		3.33	3.33	3.33	0.08	1	3.33	0.51 No	0.08 Thermal Discharging
STY061	800	'43922890_/6476621'		3.33	3.33	3.33	0.66	0.3	3.33	0.51 No	0.3 Element Fault
STY061	801	'6485772_/6485769'		3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5 Element Fault
STY061	802	'6460364_/6460374'		3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5 Element Fault
STY061	803	'6503269_/6503267'		3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5 Element Fault
STY061	804	'6459184_/6459181'		3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5 Element Fault
STY061	805	'6477352_/6477349'		10	10	10	1.98	1	10	1.52 No	1 Element Fault
STY061	806	'6458464_/6466612'		10	10	10	1.98	10	10	1.52 No	1.52 Unintentional Islanding
STY061	807	'717248610_/717248607'		10	10	10	1.98	1.5	10	1.52 No	1.5 Element Fault
STY061	808	'6458448_/6458445_2'		3.33	3.33	3.33	0.66	1.5	3.33	0.51 No	0.51 Unintentional Islanding
STY061	809	'7479013_/7479010_1'		3.33	3.33	3.33	0.66	0.4	3.33	0.51 No	0.4 Element Fault
STY061	810	'6458477_/6458487_1'		3.33	3.33	3.33	0.66	0.4	3.33	0.51 No	0.4 Element Fault
STY061	811	'6466575_/6466592'		10	10	10	1.98	10	10	1.52 No	1.52 Unintentional Islanding
STY061	812	'43925399_/43925401'		3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5 Element Fault
STY061	813	'6512974_/6512984'		3.33	3.33	3.33	0.66	0.3	3.33	0.51 No	0.3 Element Fault
STY061	814	'43922868_/43922870'		3.33	3.33	3.33	0.66	0.3	3.33	0.51 No	0.3 Element Fault
STY061	815	'6458396_/6466572'		10	10	10	1.98	10	10	1.52 No	1.52 Unintentional Islanding
STY061	816	'6459395_/6459405_1'		3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5 Element Fault
STY061	817	'43922556_/43922558'		3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5 Element Fault
STY061	818	'6488375_/6488385'		3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5 Element Fault
STY061	819	'43922423_/6473278'		10	10	10	1.98	1.5	10	1.52 No	1.5 Element Fault
STY061	820	'6477136_/6477133'		3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5 Element Fault
STY061	821	'6466706_/6466720'		10	10	10	1.98	10	10	1.52 No	1.52 Unintentional Islanding
STY061	822	'6482737_/6482734'		3.33	3.33	3.33	0.08	0.3	3.33	0.51 No	0.08 Thermal Discharging
STY061	823	'6459210_/6459223'		3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5 Element Fault
STY061	824	'43926815_/6467548'		3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5 Element Fault
STY061	825	'6477565_/43923053'		3.33	3.33	3.33	0.1	1.2	3.33	0.51 No	0.1 Thermal Discharging
STY061	826	'6466705_/6466703'		10	10	10	1.98	10	10	1.52 No	1.52 Unintentional Islanding
STY061	827	'6458435_/6458445_1'		3.33	3.33	3.33	0.66	0.4	3.33	0.51 No	0.4 Element Fault
STY061	828	'6474160_/6474157'		3.33	3.33	3.33	0.1	1	3.33	0.51 No	0.1 Thermal Discharging
STY061	829	'43925371_/43925368'		3.33	3.33	3.33	0.66	0.8	3.33	0.51 No	0.51 Unintentional Islanding
STY061	830	'6458395_/43921659_2'		3.33	3.33	3.33	0.66	1	3.33	0.51 No	0.51 Unintentional Islanding
STY061	831	'6510487_/6510497'		3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5 Element Fault
STY061	832	'6477461_/6477973'		3.33	3.33	3.33	0.66	0.4	3.33	0.51 No	0.4 Element Fault
STY061	833	'43922961_/6477028'		3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5 Element Fault
STY061	834	'6458531_/6466740'		10	10	10	1.98	10	10	1.52 No	1.52 Unintentional Islanding
STY061	835	'6477801_/6478931'		3.33	3.33	3.33	0.1	1	3.33	0.51 No	0.1 Thermal Discharging
STY061	836	'6476833_/6476830'		3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5 Element Fault
STY061	837	'6484324_/6484321'		3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5 Element Fault
STY061	838	'43921969_/6459447_2'		10	10	10	1.98	1.6	10	1.52 No	1.52 Unintentional Islanding
STY061	839	'6485299_/6485296'		3.33	3.33	3.33	0.66	0.3	3.33	0.51 No	0.3 Element Fault
STY061	840	'6466811_/6466825'		10	10	10	1.98	10	10	1.52 No	1.52 Unintentional Islanding
STY061	841	'6513000_/6512997'		3.33	3.33	3.33	0.66	0.3	3.33	0.51 No	0.3 Element Fault
STY061	842	'6501357_/43929413'		3.33	3.33	3.33	0.66	0.3	3.33	0.51 No	0.3 Element Fault
STY061	843	'6474212_/6474209'		3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5 Element Fault
STY061	844	'6482671_/6482630'		3.33	3.33	3.33	0.08	0.3	3.33	0.51 No	0.08 Thermal Discharging
STY061	845	'6466794_/6466808'		10	10	10	1.98	10	10	1.52 No	1.52 Unintentional Islanding
STY061	846	'6458532_/6458542_1'		3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5 Element Fault
STY061	847	'434225472_/434225491'		10	10	10	1.98	1	10	1.52 No	1 Element Fault
STY061	848	'43926232_/6483151'		3.33	3.33	3.33	0.08	1.1	3.33	0.51 No	0.08 Thermal Discharging
STY061	849	'6483300_/6483297'		3.33	3.33	3.33	0.08	1	3.33	0.51 No	0.08 Thermal Discharging
STY061	850	'6459382_/6459392'		3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5 Element Fault
STY061	851	'6458490_/6458487_2'		3.33	3.33	3.33	0.66	0.4	3.33	0.51 No	0.4 Element Fault
STY061	852	'6466777_/6466791'		10	10	10	1.98	10	10	1.52 No	1.52 Unintentional Islanding
STY061	853	'43930311_/6508778'		3.33	3.33	3.33	0.66	0.3	3.33	0.51 No	0.3 Element Fault
STY061	854	'7451984_/9030827'		3.33	3.33	3.33	0.66	0.3	3.33	0.51 No	0.3 Element Fault
STY061	855	'6473247_/6473261'		10	10	10	1.98	1.5	10	1.52 No	1.5 Element Fault
STY061	856	'6458434_/6458432'		3.33	3.33	3.33	0.66	0.4	3.33	0.51 No	0.4 Element Fault
STY061	857	'6466760_/6466774'		10	10	10	1.98	10	10	1.52 No	1.52 Unintentional Islanding
STY061	858	'6460363_/6460361'		3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5 Element Fault
STY061	859	'6477220_/6477217'		3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5 Element Fault
STY061	860	'43923207_/6477146'		3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5 Element Fault
STY061	861	'6476637_/6476634'		3.33	3.33	3.33	0.66	0.3	3.33	0.51 No	0.3 Element Fault
STY061	862	'6466759_/6466757'		10	10	10	1.98	10	10	1.52 No	1.52 Unintentional Islanding
STY061	863	'43922078_/6459155'		3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5 Element Fault
STY061	864	'6485664_/6485662'		3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5 Element Fault
STY061	865	'6458545_/6458542_2'		3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5 Element Fault
STY061	866	'43924807_/43924809'		10	10	10	1.98	10	10	1.52 No	1.52 Unintentional Islanding
STY061	867	'6459197_/6459194'		3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5 Element Fault
STY061	868	'6478855_/6478853'		3.33	3.33	3.33	0.66	0.3	3.33	0.51 No	0.3 Element Fault
STY061	869	'6488374_/6488372'		3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5 Element Fault
STY061	870	'43925267_/6485348'		3.33	3.33	3.33	0.66	0.2	3.33	0.51 No	0.2 Element Fault
STY061	871	'6470730_/6470744'		10	10	10	1.98	10	10	1.52 No	1.52 Unintentional Islanding
STY061	872	'43926100_/6482747'		3.33	3.33	3.33	0.08	0.3	3.33	0.51 No	0.08 Thermal Discharging
STY061	873	'6474173_/6474170'		3.33	3.33	3.33	0.1	1	3.33	0.51 No	0.1 Thermal Discharging
STY061	874	'6470729_/6470727'		10	10	10	1.98	10	10	1.52 No	1.52 Unintentional Islanding
STY061	875	'6476846_/6476843'		3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5 Element Fault
STY061	876	'6477031_/43922963'		3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5 Element Fault
STY061	877	'6512960_/6512971'		3.33	3.33	3.33	0.66	0.3	3.33	0.51 No	0.3 Element Fault
STY061	878	'6482007_/6482392'		10	10	10	1.98	10	10	1.52 No	1.52 Unintentional Islanding
STY061	879	'6459209_/6459207'		3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5 Element Fault
STY061	880	'6488259_/6488269'		3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5 Element Fault
STY061	881	'6477578_/6477575'		3.33	3.33	3.33	0.1	1.2	3.33	0.51 No	0.1 Thermal Discharging
STY061	882	'8087121_/8087119_1'		3.33	3.33	3.33	0.66	0.1	3.33	0.51 No	0.1 Element Fault
STY061	883	'6473512_/6473522'		3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5 Element Fault
STY061	884	'6458506_/6458503'		3.33	3.33	3.33	0.66	0.4	3.33	0.51 No	0.4 Element Fault
STY061	885	'9346777_/9346774_1'		3.33	3.33	3.33	0.66	0.1	3.33	0.51 No	0.1 Element Fault
STY061	886	'6483167_/6483164'		3.33	3.33	3.33	0.08	1.1	3.33	0.51 No	0.08 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
STY061	887	'6477802_/_6477799'	3.33		3.33	3.33	0.1	1	3.33	0.51 No	0.1 Thermal Discharging
STY061	888	'43921657_/_43921659_1'	3.33		3.33	3.33	0.66	0.4	3.33	0.51 No	0.4 Element Fault
STY061	889	'43924853_/_43924855'	10		10	10	1.98	10	10	1.52 No	1.52 Unintentional Islanding
STY061	890	'63890447_/_60863162_2'	10		10	10	1.98	10	10	1.52 No	1.52 Unintentional Islanding
STY061	891	'60863158_/_60863162_1'	10		10	10	1.98	10	10	1.52 No	1.52 Unintentional Islanding
STY061	892	'43921668_/_43921670'	3.33		3.33	3.33	0.66	1	3.33	0.51 No	0.51 Unintentional Islanding
STY061	893	'6482300_/_6482314_2'	10		10	10	1.98	4.6	10	1.52 No	1.52 Unintentional Islanding
STY061	894	'7451985_/_7451982'	3.33		3.33	3.33	0.66	0.3	3.33	0.51 No	0.3 Element Fault
STY061	895	'60863278_/_60863254_1'	3.33		3.33	3.33	0.66	0.4	3.33	0.51 No	0.4 Element Fault
STY061	896	'6473227_/_6473244'	10		10	10	1.98	1.5	10	1.52 No	1.5 Element Fault
STY061	897	'7150724_/_6484659_2'	10		10	10	1.98	10	10	1.52 No	1.52 Unintentional Islanding
STY061	898	'6481163_/_6482314_1'	10		10	10	1.98	1.6	10	1.52 No	1.52 Unintentional Islanding
STY061	899	'43925388_/_43925390'	3.33		3.33	3.33	0.66	0.5	3.33	0.51 No	0.5 Element Fault
STY061	900	'7150725_/_7150746_1'	10		10	10	1.98	1.4	10	1.52 No	1.4 Element Fault
STY061	901	'6477372_/_6477369'	10		10	10	1.98	1	10	1.52 No	1 Element Fault
STY061	902	'6486699_/_6489648'	3.33		3.33	3.33	0.08	0.3	3.33	0.51 No	0.08 Thermal Discharging
STY061	903	'43923279_/_6474225'	3.33		3.33	3.33	0.66	0.5	3.33	0.51 No	0.5 Element Fault
STY061	904	'43922994_/_6477459'	3.33		3.33	3.33	0.66	0.4	3.33	0.51 No	0.4 Element Fault
STY061	905	'6477233_/_6477230'	3.33		3.33	3.33	0.66	0.5	3.33	0.51 No	0.5 Element Fault
STY061	906	'6481788_/_6484659_1'	10		10	10	1.98	10	10	1.52 No	1.52 Unintentional Islanding
STY061	907	'43921982_/_6470962'	10		10	10	1.98	1.6	10	1.52 No	1.52 Unintentional Islanding
STY061	908	'6483313_/_6483310'	3.33		3.33	3.33	0.08	1	3.33	0.51 No	0.08 Thermal Discharging
STY061	909	'6482672_/_6482669'	3.33		3.33	3.33	0.08	0.3	3.33	0.51 No	0.08 Thermal Discharging
STY061	910	'6513721_/_6513718'	3.33		3.33	3.33	0.66	0.5	3.33	0.51 No	0.5 Element Fault
STY061	911	'6481787_/_6481785'	10		10	10	1.98	10	10	1.52 No	1.52 Unintentional Islanding
STY061	912	'6482186_/_6482201_2'	6.67		6.67	6.67	1.32	2.1	6.67	1.01 No	1.01 Unintentional Islanding
STY061	913	'471887461_/_9346774_2'	3.33		3.33	3.33	0.66	0.1	3.33	0.51 No	0.1 Element Fault
STY061	914	'60863247_/_60863254_2'	3.33		3.33	3.33	0.66	0.4	3.33	0.51 No	0.4 Element Fault
STY061	915	'6471323_/_6471321'	3.33		3.33	3.33	0.66	0.5	3.33	0.51 No	0.5 Element Fault
STY061	916	'43925256_/_6485309'	3.33		3.33	3.33	0.66	0.3	3.33	0.51 No	0.3 Element Fault
STY061	917	'7766228_/_9660042_1'	3.33		3.33	3.33	0.66	0.3	3.33	0.51 No	0.3 Element Fault
STY061	918	'43921690_/_6485855'	3.33		3.33	3.33	0.66	0.5	3.33	0.51 No	0.5 Element Fault
STY061	919	'44064018_/_7150746_2'	10		10	10	1.98	1.4	10	1.52 No	1.4 Element Fault
STY061	920	'6510474_/_6510484'	3.33		3.33	3.33	0.66	0.5	3.33	0.51 No	0.5 Element Fault
STY061	921	'7150749_/_44064020'	10		10	10	1.98	1.4	10	1.52 No	1.4 Element Fault
STY061	922	'44893742_/_6482760'	3.33		3.33	3.33	0.08	0.3	3.33	0.51 No	0.08 Thermal Discharging
STY061	923	'6458232_/_6482201_1'	6.67		6.67	6.67	1.32	1	6.67	1.01 No	1 Element Fault
STY061	924	'43931708_/_6512958'	3.33		3.33	3.33	0.66	0.3	3.33	0.51 No	0.3 Element Fault
STY061	925	'428463176_/_428463173'	10		10	10	1.98	1	10	1.52 No	1 Element Fault
STY061	926	'7766244_/_7766241_2'	3.33		3.33	3.33	0.66	0.5	3.33	0.51 No	0.5 Element Fault
STY061	927	'6459369_/_6459379'	3.33		3.33	3.33	0.66	0.5	3.33	0.51 No	0.5 Element Fault
STY061	928	'43922857_/_43922859'	3.33		3.33	3.33	0.66	0.3	3.33	0.51 No	0.3 Element Fault
STY061	929	'6506506_/_43930313'	3.33		3.33	3.33	0.66	0.3	3.33	0.51 No	0.3 Element Fault
STY061	930	'428463260_/_428463214_1'	10		10	10	1.98	1	10	1.52 No	1 Element Fault
STY061	931	'6476650_/_6476647'	3.33		3.33	3.33	0.66	0.3	3.33	0.51 No	0.3 Element Fault
STY061	932	'43923212_/_43923209'	3.33		3.33	3.33	0.66	0.5	3.33	0.51 No	0.5 Element Fault
STY061	933	'43923040_/_6478947'	3.33		3.33	3.33	0.1	1	3.33	0.51 No	0.1 Thermal Discharging
STY061	934	'6474107_/_6474183'	3.33		3.33	3.33	0.1	1	3.33	0.51 No	0.1 Thermal Discharging
STY061	935	'9706580_/_43922996_1'	3.33		3.33	3.33	0.66	0.4	3.33	0.51 No	0.4 Element Fault
STY061	936	'6476859_/_6476856'	3.33		3.33	3.33	0.66	0.5	3.33	0.51 No	0.5 Element Fault
STY061	937	'6477475_/_43922996_2'	3.33		3.33	3.33	0.66	0.4	3.33	0.51 No	0.4 Element Fault
STY061	938	'6486111_/_6486109'	3.33		3.33	3.33	0.66	0.5	3.33	0.51 No	0.5 Element Fault
STY061	939	'43922410_/_43922412'	10		10	10	1.98	1.5	10	1.52 No	1.5 Element Fault
STY061	940	'43923218_/_6477243'	3.33		3.33	3.33	0.66	0.5	3.33	0.51 No	0.5 Element Fault
STY061	941	'6477604_/_6477588'	3.33		3.33	3.33	0.1	1.2	3.33	0.51 No	0.1 Thermal Discharging
STY061	942	'6481164_/_6481161'	10		10	10	1.98	1.6	10	1.52 No	1.52 Unintentional Islanding
STY061	943	'9394810_/_9394808_1'	3.33		3.33	3.33	0.66	0.3	3.33	0.51 No	0.3 Element Fault
STY061	944	'6459251_/_43921926'	3.33		3.33	3.33	0.66	0.5	3.33	0.51 No	0.5 Element Fault
STY061	945	'6472698_/_6472708'	3.33		3.33	3.33	0.66	0.5	3.33	0.51 No	0.5 Element Fault
STY061	946	'43925011_/_6472601'	3.33		3.33	3.33	0.66	0.5	3.33	0.51 No	0.5 Element Fault
STY061	947	'6483180_/_6483177'	3.33		3.33	3.33	0.08	1.1	3.33	0.51 No	0.08 Thermal Discharging
STY061	948	'6458519_/_6458516'	3.33		3.33	3.33	0.66	0.4	3.33	0.51 No	0.4 Element Fault
STY061	949	'6459470_/_43921984'	10		10	10	1.98	1.6	10	1.52 No	1.52 Unintentional Islanding
STY061	950	'6481184_/_6481181_1'	10		10	10	1.98	1.6	10	1.52 No	1.52 Unintentional Islanding
STY061	951	'43922589_/_43922591'	3.33		3.33	3.33	0.66	0.5	3.33	0.51 No	0.5 Element Fault
STY061	952	'52114086_/_52114083'	10		10	10	1.98	1.5	10	1.52 No	1.5 Element Fault
STY061	953	'8443067_/_8443064'	3.33		3.33	3.33	0.66	0.3	3.33	0.51 No	0.3 Element Fault
STY061	954	'53027227_/_52114125_1'	10		10	10	1.98	0.9	10	1.52 No	0.9 Element Fault
STY061	955	'6485364_/_6485361'	3.33		3.33	3.33	0.66	0.2	3.33	0.51 No	0.2 Element Fault
STY061	956	'6482024_/_6481181_2'	10		10	10	1.98	1.6	10	1.52 No	1.52 Unintentional Islanding
STY061	957	'6488258_/_6488256'	3.33		3.33	3.33	0.66	0.5	3.33	0.51 No	0.5 Element Fault
STY061	958	'6486686_/_6486696'	3.33		3.33	3.33	0.08	0.3	3.33	0.51 No	0.08 Thermal Discharging
STY061	959	'6474241_/_43923281'	3.33		3.33	3.33	0.66	0.5	3.33	0.51 No	0.5 Element Fault
STY061	960	'6470335_/_6470345'	3.33		3.33	3.33	0.66	0.4	3.33	0.51 No	0.4 Element Fault
STY061	961	'6477617_/_6477614'	3.33		3.33	3.33	0.1	1.1	3.33	0.51 No	0.1 Thermal Discharging
STY061	962	'6512961_/_43931710'	3.33		3.33	3.33	0.66	0.3	3.33	0.51 No	0.3 Element Fault
STY061	963	'6458233_/_6458230'	6.67		6.67	6.67	1.32	1	6.67	1.01 No	1 Element Fault
STY061	964	'43924831_/_43924833'	3.33		3.33	3.33	0.66	0.53	3.33	0.51 No	0.51 Unintentional Islanding
STY061	965	'6458571_/_6458568'	3.33		3.33	3.33	0.66	0.5	3.33	0.51 No	0.5 Element Fault
STY061	966	'43926254_/_6483323'	3.33		3.33	3.33	0.08	1	3.33	0.51 No	0.08 Thermal Discharging
STY061	967	'6476546_/_6478879'	3.33		3.33	3.33	0.66	0.3	3.33	0.51 No	0.3 Element Fault
STY061	968	'6477488_/_6477485'	3.33		3.33	3.33	0.66	0.4	3.33	0.51 No	0.4 Element Fault
STY061	969	'6470867_/_6470865'	3.33		3.33	3.33	0.66	0.5	3.33	0.51 No	0.5 Element Fault
STY061	970	'43924469_/_6478090'	3.33		3.33	3.33	0.66	0.3	3.33	0.51 No	0.3 Element Fault
STY061	971	'52114118_/_52114125_2'	10		10	10	1.98	0.9	10	1.52 No	0.9 Element Fault
STY061	972	'6476872_/_6476869'	3.33		3.33	3.33	0.66	0.5	3.33	0.51 No	0.5 Element Fault
STY061	973	'6482620_/_6482682'	3.33		3.33	3.33	0.08	0.3	3.33	0.51 No	0.08 Thermal Discharging
STY061	974	'6483394_/_6483391'	3.33		3.33	3.33	0.08	1	3.33	0.51 No	0.08 Thermal Discharging
STY061	975	'6510458_/_6510471'	3.33		3.33	3.33	0.66	0.5	3.33	0.51 No	0.5 Element Fault
STY061	976	'6485325_/_6485322'	3.33		3.33	3.33	0.66	0.3	3.33	0.51 No	0.3 Element Fault
STY061	977	'7478997_/_471887485'	3.33		3.33	3.33	0.66	0.1	3.33	0.51 No	0.1 Element Fault
STY061	978	'43923018_/_6474105'	3.33		3.33	3.33	0.1	1	3.33	0.51 No	0.1 Thermal Discharging
STY061	979	'6459356_/_6459366'	3.33		3.33	3.33	0.66	0.5	3.33	0.51 No	0.5 Element Fault
STY061	980	'6506519_/_6506516'	3.33		3.33	3.33	0.66	0.3	3.33	0.51 No	0.3 Element Fault

Feeder Name	Feeder ID	Node	Primary Over- Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
STY061	981	'43925300_/_/6485782'	3.33	3.33	3.33	0.66	0.2	3.33	0.51 No	0.2	Element Fault
STY061	982	'43922578_/_/43922580'	3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5	Element Fault
STY061	983	'6483193_/_/6483190'	3.33	3.33	3.33	0.08	1.1	3.33	0.51 No	0.08	Thermal Discharging
STY061	984	'6477814_/_/43923042'	3.33	3.33	3.33	0.1	1	3.33	0.51 No	0.1	Thermal Discharging
STY061	985	'6458584_/_/6458581'	3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5	Element Fault
STY061	986	'43921679_/_/43921681'	3.33	3.33	3.33	0.66	0.4	3.33	0.51 No	0.4	Element Fault
STY061	987	'6470334_/_/6470332'	3.33	3.33	3.33	0.66	0.4	3.33	0.51 No	0.4	Element Fault
STY061	988	'6464396_/_/6464393'	6.67	6.67	6.67	1.32	1	6.67	1.01 No	1	Element Fault
STY061	989	'6459487_/_/6459484'	10	10	10	1.98	1.6	10	1.52 No	1.52	Unintentional Islanding
STY061	990	'6486685_/_/6486683'	3.33	3.33	3.33	0.08	0.3	3.33	0.51 No	0.08	Thermal Discharging
STY061	991	'428463195_/_/428463214_2'	10	10	10	1.98	1	10	1.52 No	1	Element Fault
STY061	992	'6477262_/_/43923220'	3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5	Element Fault
STY061	993	'6472685_/_/6472695'	3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5	Element Fault
STY061	994	'6472617_/_/6472614'	3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5	Element Fault
STY061	995	'43924502_/_/6478155'	3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5	Element Fault
STY061	996	'7766243_/_/7766241_1'	3.33	3.33	3.33	0.66	0.3	3.33	0.51 No	0.3	Element Fault
STY061	997	'6477685_/_/6477708'	3.33	3.33	3.33	0.1	1.2	3.33	0.51 No	0.1	Thermal Discharging
STY061	998	'6476533_/_/6476543'	3.33	3.33	3.33	0.66	0.3	3.33	0.51 No	0.3	Element Fault
STY061	999	'43923290_/_/6484933'	3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5	Element Fault
STY061	1000	'43928934_/_/6492927'	3.33	3.33	3.33	0.66	0.3	3.33	0.51 No	0.3	Element Fault
STY061	1001	'6477630_/_/6477627'	3.33	3.33	3.33	0.1	1.1	3.33	0.51 No	0.1	Thermal Discharging
STY061	1002	'43931524_/_/43931526'	3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5	Element Fault
STY061	1003	'43921947_/_/43921949'	3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5	Element Fault
STY061	1004	'6477504_/_/6477501'	3.33	3.33	3.33	0.66	0.4	3.33	0.51 No	0.4	Element Fault
STY061	1005	'6482353_/_/6482363'	3.33	3.33	3.33	0.66	0.53	3.33	0.51 No	0.51	Unintentional Islanding
STY061	1006	'6482619_/_/6482617'	3.33	3.33	3.33	0.08	0.3	3.33	0.51 No	0.08	Thermal Discharging
STY061	1007	'9394811_/_/9394808_2'	3.33	3.33	3.33	0.66	0.3	3.33	0.51 No	0.3	Element Fault
STY061	1008	'6483410_/_/6483407'	3.33	3.33	3.33	0.08	1	3.33	0.51 No	0.08	Thermal Discharging
STY061	1009	'6483339_/_/6483336'	3.33	3.33	3.33	0.08	1	3.33	0.51 No	0.08	Thermal Discharging
STY061	1010	'6473495_/_/6473493'	3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5	Element Fault
STY061	1011	'6458421_/_/6470878'	3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5	Element Fault
STY061	1012	'60863287_/_/60863294'	3.33	3.33	3.33	0.66	0.4	3.33	0.51 No	0.4	Element Fault
STY061	1013	'6458597_/_/6458607'	3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5	Element Fault
STY061	1014	'6477698_/_/6477695'	3.33	3.33	3.33	0.1	1.1	3.33	0.51 No	0.1	Thermal Discharging
STY061	1015	'6474121_/_/6474118'	3.33	3.33	3.33	0.1	1	3.33	0.51 No	0.1	Thermal Discharging
STY061	1016	'6471284_/_/6471282'	3.33	3.33	3.33	0.66	0.4	3.33	0.51 No	0.4	Element Fault
STY061	1017	'6477815_/_/6477812'	3.33	3.33	3.33	0.1	1	3.33	0.51 No	0.1	Thermal Discharging
STY061	1018	'6482352_/_/6482350'	3.33	3.33	3.33	0.66	0.53	3.33	0.51 No	0.51	Unintentional Islanding
STY061	1019	'43929110_/_/6485374'	3.33	3.33	3.33	0.66	0.2	3.33	0.51 No	0.2	Element Fault
STY061	1020	'6478231_/_/6478228'	3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5	Element Fault
STY061	1021	'43926122_/_/6489700'	3.33	3.33	3.33	0.08	0.3	3.33	0.51 No	0.08	Thermal Discharging
STY061	1022	'6492930_/_/43928936'	3.33	3.33	3.33	0.66	0.3	3.33	0.51 No	0.3	Element Fault
STY061	1023	'43921935_/_/43921937'	3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5	Element Fault
STY061	1024	'6485801_/_/6485798'	3.33	3.33	3.33	0.66	0.2	3.33	0.51 No	0.2	Element Fault
STY061	1025	'6464953_/_/6464950'	3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5	Element Fault
STY061	1026	'43921995_/_/6459552'	10	10	10	1.98	1.6	10	1.52 No	1.52	Unintentional Islanding
STY061	1027	'6478171_/_/6478168'	3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5	Element Fault
STY061	1028	'6481333_/_/6482376'	3.33	3.33	3.33	0.66	0.53	3.33	0.51 No	0.51	Unintentional Islanding
STY061	1029	'6476662_/_/6478103'	3.33	3.33	3.33	0.66	0.3	3.33	0.51 No	0.3	Element Fault
STY061	1030	'6510457_/_/6510455'	3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5	Element Fault
STY061	1031	'43923062_/_/43923064'	3.33	3.33	3.33	0.1	1	3.33	0.51 No	0.1	Thermal Discharging
STY061	1032	'6472724_/_/6472721'	3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5	Element Fault
STY061	1033	'43926078_/_/6502202'	3.33	3.33	3.33	0.08	0.3	3.33	0.51 No	0.08	Thermal Discharging
STY061	1034	'6476532_/_/6476530'	3.33	3.33	3.33	0.66	0.3	3.33	0.51 No	0.3	Element Fault
STY061	1035	'6458422_/_/6458419'	3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5	Element Fault
STY061	1036	'6472630_/_/6472627'	3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5	Element Fault
STY061	1037	'6486673_/_/6502135'	3.33	3.33	3.33	0.08	0.3	3.33	0.51 No	0.08	Thermal Discharging
STY061	1038	'6472684_/_/6472682'	3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5	Element Fault
STY061	1039	'6484949_/_/43923292'	3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5	Element Fault
STY061	1040	'6474134_/_/6474131'	3.33	3.33	3.33	0.1	1	3.33	0.51 No	0.1	Thermal Discharging
STY061	1041	'6483205_/_/6502215'	3.33	3.33	3.33	0.08	1.1	3.33	0.51 No	0.08	Thermal Discharging
STY061	1042	'6478244_/_/6478241'	3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5	Element Fault
STY061	1043	'6458596_/_/6458594'	3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5	Element Fault
STY061	1044	'6483352_/_/6483349'	3.33	3.33	3.33	0.08	1	3.33	0.51 No	0.08	Thermal Discharging
STY061	1045	'43926265_/_/6483420'	3.33	3.33	3.33	0.08	1	3.33	0.51 No	0.08	Thermal Discharging
STY061	1046	'6470852_/_/6470849'	3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5	Element Fault
STY061	1047	'6512883_/_/6512893'	3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5	Element Fault
STY061	1048	'6476887_/_/6478181'	3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5	Element Fault
STY061	1049	'6485390_/_/6485387'	3.33	3.33	3.33	0.66	0.2	3.33	0.51 No	0.2	Element Fault
STY061	1050	'6464966_/_/6464963'	3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5	Element Fault
STY061	1051	'6459330_/_/6459340'	3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5	Element Fault
STY061	1052	'6477684_/_/6477682'	3.33	3.33	3.33	0.1	1	3.33	0.51 No	0.1	Thermal Discharging
STY061	1053	'6477724_/_/6477721'	3.33	3.33	3.33	0.1	1.1	3.33	0.51 No	0.1	Thermal Discharging
STY061	1054	'6459504_/_/6459501'	10	10	10	1.98	1.6	10	1.52 No	1.52	Unintentional Islanding
STY061	1055	'6481096_/_/6481330'	3.33	3.33	3.33	0.66	0.53	3.33	0.51 No	0.51	Unintentional Islanding
STY061	1056	'6459650_/_/6472737'	3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5	Element Fault
STY061	1057	'6481151_/_/6481343'	3.33	3.33	3.33	0.66	0.53	3.33	0.51 No	0.51	Unintentional Islanding
STY061	1058	'6482807_/_/43926124'	3.33	3.33	3.33	0.08	0.3	3.33	0.51 No	0.08	Thermal Discharging
STY061	1059	'43922914_/_/6476660'	3.33	3.33	3.33	0.66	0.3	3.33	0.51 No	0.3	Element Fault
STY061	1060	'43922846_/_/43922848'	3.33	3.33	3.33	0.66	0.3	3.33	0.51 No	0.3	Element Fault
STY061	1061	'6472643_/_/6472640'	3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5	Element Fault
STY061	1062	'6502231_/_/6502228'	3.33	3.33	3.33	0.08	1	3.33	0.51 No	0.08	Thermal Discharging
STY061	1063	'6474253_/_/6484976'	3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5	Element Fault
STY061	1064	'6483368_/_/6483365'	3.33	3.33	3.33	0.08	1	3.33	0.51 No	0.08	Thermal Discharging
STY061	1065	'43925748_/_/43925750'	3.33	3.33	3.33	0.08	0.3	3.33	0.51 No	0.08	Thermal Discharging
STY061	1066	'6495667_/_/6502189'	3.33	3.33	3.33	0.08	0.3	3.33	0.51 No	0.08	Thermal Discharging
STY061	1067	'6485403_/_/6485400'	3.33	3.33	3.33	0.66	0.2	3.33	0.51 No	0.2	Element Fault
STY061	1068	'6477828_/_/6477825'	3.33	3.33	3.33	0.1	1	3.33	0.51 No	0.1	Thermal Discharging
STY061	1069	'7452903_/_/9660042_2'	3.33	3.33	3.33	0.66	0.3	3.33	0.51 No	0.3	Element Fault
STY061	1070	'6483436_/_/6483433'	3.33	3.33	3.33	0.08	1	3.33	0.51 No	0.08	Thermal Discharging
STY061	1071	'43926221_/_/6483203'	3.33	3.33	3.33	0.08	1.1	3.33	0.51 No	0.08	Thermal Discharging
STY061	1072	'6464900_/_/6464898'	3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5	Element Fault
STY061	1073	'6481070_/_/6481080'	3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5	Element Fault
STY061	1074	'6481095_/_/6481093'	3.33	3.33	3.33	0.66	0.53	3.33	0.51 No	0.51	Unintentional Islanding

Feeder Name	Feeder ID	Node	Primary Over- Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
STY061	1075	'7478996_/_449002264'	3.33	3.33	3.33	0.66	0.1	3.33	0.51 No	0.1 Element Fault	
STY061	1076	'6474147_/_6474144'	3.33	3.33	3.33	0.1	1	3.33	0.51 No	0.1 Thermal Discharging	
STY061	1077	'6481138_/_6481148'	3.33	3.33	3.33	0.66	0.53	3.33	0.51 No	0.51 Unintentional Islanding	
STY061	1078	'6459637_/_6459647'	3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5 Element Fault	
STY061	1079	'6459317_/_6459327'	3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5 Element Fault	
STY061	1080	'6459521_/_6459518'	10	10	10	1.98	1.6	10	1.52 No	1.52 Unintentional Islanding	
STY061	1081	'6476676_/_6476673'	3.33	3.33	3.33	0.66	0.3	3.33	0.51 No	0.3 Element Fault	
STY061	1082	'6476888_/_6476885'	3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5 Element Fault	
STY061	1083	'8087546_/_8709430'	3.33	3.33	3.33	0.66	0.3	3.33	0.51 No	0.3 Element Fault	
STY061	1084	'43925311_/_6485811'	3.33	3.33	3.33	0.66	0.2	3.33	0.51 No	0.2 Element Fault	
STY061	1085	'43924682_/_6470306'	3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5 Element Fault	
STY061	1086	'6512869_/_6512880'	3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5 Element Fault	
STY061	1087	'6477737_/_6477734'	3.33	3.33	3.33	0.1	1.1	3.33	0.51 No	0.1 Thermal Discharging	
STY061	1088	'6481069_/_6481067'	3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5 Element Fault	
STY061	1089	'6459434_/_6459431'	3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5 Element Fault	
STY061	1090	'6478839_/_6478837'	3.33	3.33	3.33	0.66	0.3	3.33	0.51 No	0.3 Element Fault	
STY061	1091	'43925759_/_43925761'	3.33	3.33	3.33	0.08	0.3	3.33	0.51 No	0.08 Thermal Discharging	
STY061	1092	'43925278_/_6485416'	3.33	3.33	3.33	0.66	0.2	3.33	0.51 No	0.2 Element Fault	
STY061	1093	'6474254_/_6474251'	3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5 Element Fault	
STY061	1094	'6482808_/_6482805'	3.33	3.33	3.33	0.08	0.3	3.33	0.51 No	0.08 Thermal Discharging	
STY061	1095	'43925022_/_6472653'	3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5 Element Fault	
STY061	1096	'6487205_/_6502241'	3.33	3.33	3.33	0.08	1	3.33	0.51 No	0.08 Thermal Discharging	
STY061	1097	'6459624_/_6459634'	3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5 Element Fault	
STY061	1098	'6464939_/_6464937'	3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5 Element Fault	
STY061	1099	'6464927_/_6464924'	3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5 Element Fault	
STY061	1100	'43926276_/_6489998'	3.33	3.33	3.33	0.08	1	3.33	0.51 No	0.08 Thermal Discharging	
STY061	1101	'6495654_/_6495664'	3.33	3.33	3.33	0.08	0.3	3.33	0.51 No	0.08 Thermal Discharging	
STY061	1102	'6479334_/_6479331'	3.33	3.33	3.33	0.1	1	3.33	0.51 No	0.1 Thermal Discharging	
STY061	1103	'43924820_/_6483505'	3.33	3.33	3.33	0.66	0.53	3.33	0.51 No	0.51 Unintentional Islanding	
STY061	1104	'43925411_/_43925313'	3.33	3.33	3.33	0.66	0.2	3.33	0.51 No	0.2 Element Fault	
STY061	1105	'6464913_/_6464911'	3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5 Element Fault	
STY061	1106	'6483206_/_43926223'	3.33	3.33	3.33	0.08	1.1	3.33	0.51 No	0.08 Thermal Discharging	
STY061	1107	'6459868_/_43922069'	3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5 Element Fault	
STY061	1108	'6476692_/_6476689'	3.33	3.33	3.33	0.66	0.3	3.33	0.51 No	0.3 Element Fault	
STY061	1109	'6460029_/_6470319'	3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5 Element Fault	
STY061	1110	'6481125_/_6481135'	3.33	3.33	3.33	0.66	0.53	3.33	0.51 No	0.51 Unintentional Islanding	
STY061	1111	'43921958_/_43921960'	3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5 Element Fault	
STY061	1112	'6487300_/_6487297'	3.33	3.33	3.33	0.08	1	3.33	0.51 No	0.08 Thermal Discharging	
STY061	1113	'43922019_/_6459535'	10	10	10	1.98	1.6	10	1.52 No	1.52 Unintentional Islanding	
STY061	1114	'6485012_/_6485009'	3.33	3.33	3.33	0.1	1	3.33	0.51 No	0.1 Thermal Discharging	
STY061	1115	'43922056_/_6459852'	3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5 Element Fault	
STY061	1116	'6470567_/_6470564'	3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5 Element Fault	
STY061	1117	'6472412_/_6472410'	3.33	3.33	3.33	0.66	0.3	3.33	0.51 No	0.3 Element Fault	
STY061	1118	'6486656_/_6486654'	3.33	3.33	3.33	0.08	0.3	3.33	0.51 No	0.08 Thermal Discharging	
STY061	1119	'6477750_/_6477747'	3.33	3.33	3.33	0.1	1.1	3.33	0.51 No	0.1 Thermal Discharging	
STY061	1120	'6485432_/_43925280'	3.33	3.33	3.33	0.66	0.2	3.33	0.51 No	0.2 Element Fault	
STY061	1121	'70127589_/_6459621'	3.33	3.33	3.33	0.66	0.3	3.33	0.51 No	0.3 Element Fault	
STY061	1122	'43931627_/_6512867'	3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5 Element Fault	
STY061	1123	'6485827_/_43925413'	3.33	3.33	3.33	0.66	0.2	3.33	0.51 No	0.2 Element Fault	
STY061	1124	'6483523_/_6483521'	3.33	3.33	3.33	0.66	0.53	3.33	0.51 No	0.51 Unintentional Islanding	
STY061	1125	'6482834_/_6482831'	3.33	3.33	3.33	0.08	0.3	3.33	0.51 No	0.08 Thermal Discharging	
STY061	1126	'6471206_/_6472669'	3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5 Element Fault	
STY061	1127	'6483219_/_6483216'	3.33	3.33	3.33	0.08	1.1	3.33	0.51 No	0.08 Thermal Discharging	
STY061	1128	'6483449_/_43926278'	3.33	3.33	3.33	0.08	1	3.33	0.51 No	0.08 Thermal Discharging	
STY061	1129	'6482821_/_6482818'	3.33	3.33	3.33	0.08	0.3	3.33	0.51 No	0.08 Thermal Discharging	
STY061	1130	'6470713_/_43924844'	3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5 Element Fault	
STY061	1131	'6459663_/_43922021'	10	10	10	1.98	1.6	10	1.52 No	1.52 Unintentional Islanding	
STY061	1132	'6464875_/_6464885'	3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5 Element Fault	
STY061	1133	'43926298_/_6487310'	3.33	3.33	3.33	0.08	1	3.33	0.51 No	0.08 Thermal Discharging	
STY061	1134	'43926067_/_43926069'	3.33	3.33	3.33	0.08	0.3	3.33	0.51 No	0.08 Thermal Discharging	
STY061	1135	'6481108_/_6481122'	3.33	3.33	3.33	0.66	0.53	3.33	0.51 No	0.51 Unintentional Islanding	
STY061	1136	'6459680_/_6459677_1'	3.33	3.33	3.33	0.66	0.3	3.33	0.51 No	0.3 Element Fault	
STY061	1137	'43923029_/_6485022'	3.33	3.33	3.33	0.1	1	3.33	0.51 No	0.1 Thermal Discharging	
STY061	1138	'6487206_/_6487203'	3.33	3.33	3.33	0.08	1	3.33	0.51 No	0.08 Thermal Discharging	
STY061	1139	'6459611_/_6459677_2'	3.33	3.33	3.33	0.66	0.3	3.33	0.51 No	0.3 Element Fault	
STY061	1140	'8401137_/_8711962'	2.47	3.33	3.33	0.66	0.1	3.33	0.51 No	0.1 Element Fault	
STY061	1141	'43923073_/_6477760'	3.33	3.33	3.33	0.1	1.1	3.33	0.51 No	0.1 Thermal Discharging	
STY061	1142	'6464862_/_6464872'	3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5 Element Fault	
STY061	1143	'6471190_/_6471188'	3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5 Element Fault	
STY061	1144	'6477763_/_6477773_1'	3.33	3.33	3.33	0.1	1.1	3.33	0.51 No	0.1 Thermal Discharging	
STY061	1145	'9343617_/_9343614'	3.33	3.33	3.33	0.66	0.3	3.33	0.51 No	0.3 Element Fault	
STY061	1146	'6489974_/_6489985'	3.33	3.33	3.33	0.08	0.3	3.33	0.51 No	0.08 Thermal Discharging	
STY061	1147	'6487180_/_6487177'	3.33	3.33	3.33	0.08	1	3.33	0.51 No	0.08 Thermal Discharging	
STY061	1148	'43925289_/_6485442'	3.33	3.33	3.33	0.66	0.2	3.33	0.51 No	0.2 Element Fault	
STY061	1149	'6459719_/_6459716'	10	10	10	1.98	1.6	10	1.52 No	1.52 Unintentional Islanding	
STY061	1150	'6512870_/_43931629'	2.8	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5 Element Fault	
STY061	1151	'6459598_/_6459608'	3.33	3.33	3.33	0.66	0.3	3.33	0.51 No	0.3 Element Fault	
STY061	1152	'6487326_/_43926300'	3.33	3.33	3.33	0.08	1	3.33	0.51 No	0.08 Thermal Discharging	
STY061	1153	'6482847_/_6482844'	3.33	3.33	3.33	0.08	0.3	3.33	0.51 No	0.08 Thermal Discharging	
STY061	1154	'6479350_/_6479347'	3.33	3.33	3.33	0.1	1	3.33	0.51 No	0.1 Thermal Discharging	
STY061	1155	'6482962_/_6483229'	3.33	3.33	3.33	0.08	1.1	3.33	0.51 No	0.08 Thermal Discharging	
STY061	1156	'6481109_/_6481106'	3.33	3.33	3.33	0.66	0.53	3.33	0.51 No	0.51 Unintentional Islanding	
STY061	1157	'6477776_/_6477773_2'	3.33	3.33	3.33	0.1	1.1	3.33	0.51 No	0.1 Thermal Discharging	
STY061	1158	'6471207_/_6471204'	3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5 Element Fault	
STY061	1159	'118175653_/_92328056_1'	3.33	3.33	3.33	0.1	0.3	3.33	0.51 No	0.1 Thermal Discharging	
STY061	1160	'6482963_/_6482960'	3.33	3.33	3.33	0.08	1.1	3.33	0.51 No	0.08 Thermal Discharging	
STY061	1161	'6495653_/_6495651'	3.33	3.33	3.33	0.08	0.3	3.33	0.51 No	0.08 Thermal Discharging	
STY061	1162	'43926287_/_6487190'	3.33	3.33	3.33	0.08	1	3.33	0.51 No	0.08 Thermal Discharging	
STY061	1163	'6472464_/_6472462'	3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5 Element Fault	
STY061	1164	'6459303_/_6464859'	3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5 Element Fault	
STY061	1165	'6482891_/_6489972'	3.33	3.33	3.33	0.08	0.3	3.33	0.51 No	0.08 Thermal Discharging	
STY061	1166	'6487222_/_6487219'	3.33	3.33	3.33	0.08	1	3.33	0.51 No	0.08 Thermal Discharging	
STY061	1167	'6479366_/_6479363'	3.33	3.33	3.33	0.1	1	3.33	0.51 No	0.1 Thermal Discharging	
STY061	1168	'6459585_/_6459595'	3.33	3.33	3.33	0.66	0.3	3.33	0.51 No	0.3 Element Fault	

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Over-Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
STY061	1169	'43922032_/_6459733'		10	10	10	1.98	1.6	10	1.52 No	1.52 Unintentional Islanding
STY061	1170	'43926309_/_6487336'		3.33	3.33	3.33	0.08	1	3.33	0.51 No	0.08 Thermal Discharging
STY061	1171	'43929282_/_6496960'		3.33	3.33	3.33	0.08	0.3	3.33	0.51 No	0.08 Thermal Discharging
STY061	1172	'6471220_/_6471217'		3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5 Element Fault
STY061	1173	'6453378_/_7109836'		3.33	3.33	3.33	0.1	1.1	3.33	0.51 No	0.1 Thermal Discharging
STY061	1174	'6487235_/_6487232'		3.33	3.33	3.33	0.08	1	3.33	0.51 No	0.08 Thermal Discharging
STY061	1175	'86746347_/_6453415_1'		3.33	3.33	3.33	0.1	0.3	3.33	0.51 No	0.1 Thermal Discharging
STY061	1176	'6482976_/_6482973'		3.33	3.33	3.33	0.08	1.1	3.33	0.51 No	0.08 Thermal Discharging
STY061	1177	'7452902_/_7452900_1'		2.43	3.33	3.33	0.66	0.3	3.33	0.51 No	0.3 Element Fault
STY061	1178	'92328059_/_92328056_2'		3.33	3.33	3.33	0.1	0.3	3.33	0.51 No	0.1 Thermal Discharging
STY061	1179	'6483245_/_6483242'		3.33	3.33	3.33	0.08	0.3	3.33	0.51 No	0.08 Thermal Discharging
STY061	1180	'6487368_/_43926289'		3.33	3.33	3.33	0.08	1	3.33	0.51 No	0.08 Thermal Discharging
STY061	1181	'8401120_/_8422538'		2.13	3.33	3.33	0.66	0.1	3.33	0.51 No	0.1 Element Fault
STY061	1182	'6485458_/_6485455'		3.33	3.33	3.33	0.66	0.2	3.33	0.51 No	0.2 Element Fault
STY061	1183	'6482892_/_6482889'		3.33	3.33	3.33	0.08	0.3	3.33	0.51 No	0.08 Thermal Discharging
STY061	1184	'6459304_/_6459301'		3.33	3.33	3.33	0.66	0.5	3.33	0.51 No	0.5 Element Fault
STY061	1185	'43923268_/_43923270'		3.33	3.33	3.33	0.1	1	3.33	0.51 No	0.1 Thermal Discharging
STY061	1186	'6496976_/_43929284'		3.33	3.33	3.33	0.08	0.3	3.33	0.51 No	0.08 Thermal Discharging
STY061	1187	'43926133_/_6482857'		3.33	3.33	3.33	0.08	0.3	3.33	0.51 No	0.08 Thermal Discharging
STY061	1188	'6459572_/_6459582'		3.33	3.33	3.33	0.66	0.3	3.33	0.51 No	0.3 Element Fault
STY061	1189	'6453418_/_6453415_2'		3.33	3.33	3.33	0.1	0.3	3.33	0.51 No	0.1 Thermal Discharging
STY061	1190	'43926314_/_43926311'		3.33	3.33	3.33	0.08	1	3.33	0.51 No	0.08 Thermal Discharging
STY061	1191	'6459753_/_43922034'		10	10	10	1.98	1.6	10	1.52 No	1.52 Unintentional Islanding
STY061	1192	'43919945_/_6453376'		3.33	3.33	3.33	0.1	1.1	3.33	0.51 No	0.1 Thermal Discharging
STY061	1193	'6496992_/_6496989'		3.33	3.33	3.33	0.08	0.3	3.33	0.51 No	0.08 Thermal Discharging
STY061	1194	'43926320_/_6487245'		3.33	3.33	3.33	0.08	1	3.33	0.51 No	0.08 Thermal Discharging
STY061	1195	'43920011_/_92328077'		3.33	3.33	3.33	0.1	0.3	3.33	0.51 No	0.1 Thermal Discharging
STY061	1196	'43926155_/_6482986'		3.33	3.33	3.33	0.08	1.1	3.33	0.51 No	0.08 Thermal Discharging
STY061	1197	'490181915_/_490181939'		2.07	3.33	3.33	0.66	0.1	3.33	0.51 No	0.1 Element Fault
STY061	1198	'6482905_/_6482902'		3.33	3.33	3.33	0.08	0.3	3.33	0.51 No	0.08 Thermal Discharging
STY061	1199	'6479378_/_6479376'		3.33	3.33	3.33	0.1	1	3.33	0.51 No	0.1 Thermal Discharging
STY061	1200	'6465007_/_6465005'		3.33	3.33	3.33	0.66	0.3	3.33	0.51 No	0.3 Element Fault
STY061	1201	'6487381_/_6487378'		3.33	3.33	3.33	0.08	1	3.33	0.51 No	0.08 Thermal Discharging
STY061	1202	'43924728_/_6470538'		3.33	3.33	3.33	0.66	0.3	3.33	0.51 No	0.3 Element Fault
STY061	1203	'6485471_/_6485468'		3.33	3.33	3.33	0.66	0.2	3.33	0.51 No	0.2 Element Fault
STY061	1204	'6453434_/_6453431'		3.33	3.33	3.33	0.1	0.3	3.33	0.51 No	0.1 Thermal Discharging
STY061	1205	'6459770_/_6459767'		10	10	10	1.98	1.6	10	1.52 No	1.52 Unintentional Islanding
STY061	1206	'368390009_/_368389963_1'		3.33	3.33	3.33	0.1	0.1	3.33	0.51 No	0.1 Thermal Discharging
STY061	1207	'6459571_/_6459569'		3.33	3.33	3.33	0.66	0.3	3.33	0.51 No	0.3 Element Fault
STY061	1208	'43926210_/_43926212'		3.33	3.33	3.33	0.08	0.3	3.33	0.51 No	0.08 Thermal Discharging
STY061	1209	'6482918_/_6482915'		3.33	3.33	3.33	0.08	0.3	3.33	0.51 No	0.08 Thermal Discharging
STY061	1210	'569954971_/_6459800_1'		3.33	3.33	3.33	0.66	0.3	3.33	0.51 No	0.3 Element Fault
STY061	1211	'8401121_/_515784572'		1.97	3.33	3.33	0.66	0.1	3.33	0.51 No	0.1 Element Fault
STY061	1212	'6482860_/_43926135'		3.33	3.33	3.33	0.08	0.3	3.33	0.51 No	0.08 Thermal Discharging
STY061	1213	'368389944_/_368389963_2'		3.33	3.33	3.33	0.1	0.1	3.33	0.51 No	0.1 Thermal Discharging
STY061	1214	'6490124_/_6497002'		3.33	3.33	3.33	0.08	0.3	3.33	0.51 No	0.08 Thermal Discharging
STY061	1215	'6471310_/_6471308'		3.33	3.33	3.33	0.66	0.3	3.33	0.51 No	0.3 Element Fault
STY061	1216	'6453392_/_6453389'		3.33	3.33	3.33	0.1	1.1	3.33	0.51 No	0.1 Thermal Discharging
STY061	1217	'8401136_/_8401134_1'		1.93	3.33	3.33	0.66	0.1	3.33	0.51 No	0.1 Element Fault
STY061	1218	'6453327_/_6453444'		3.33	3.33	3.33	0.1	0.3	3.33	0.51 No	0.1 Thermal Discharging
STY061	1219	'6470554_/_43924730'		3.33	3.33	3.33	0.66	0.3	3.33	0.51 No	0.3 Element Fault
STY061	1220	'6483005_/_43926157'		3.33	3.33	3.33	0.08	1.1	3.33	0.51 No	0.08 Thermal Discharging
STY061	1221	'6487261_/_43926322'		3.33	3.33	3.33	0.08	1	3.33	0.51 No	0.08 Thermal Discharging
STY061	1222	'6487394_/_6487391'		3.33	3.33	3.33	0.08	1	3.33	0.51 No	0.08 Thermal Discharging
STY061	1223	'6459884_/_6459881'		10	10	10	1.98	1.6	10	1.52 No	1.52 Unintentional Islanding
STY061	1224	'6484349_/_6484347'		3.33	3.33	3.33	0.66	0.3	3.33	0.51 No	0.3 Element Fault
STY061	1225	'6485484_/_6485481'		3.33	3.33	3.33	0.66	0.2	3.33	0.51 No	0.2 Element Fault
STY061	1226	'6453544_/_6453567'		3.33	3.33	3.33	0.1	0.3	3.33	0.51 No	0.1 Thermal Discharging
STY061	1227	'6482934_/_6482931'		3.33	3.33	3.33	0.08	0.3	3.33	0.51 No	0.08 Thermal Discharging
STY061	1228	'6459803_/_6459800_2'		3.33	3.33	3.33	0.66	0.3	3.33	0.51 No	0.3 Element Fault
STY061	1229	'6453463_/_6453460'		3.33	3.33	3.33	0.1	0.3	3.33	0.51 No	0.1 Thermal Discharging
STY061	1230	'6464635_/_6464632'		10	10	10	1.98	1.6	10	1.52 No	1.52 Unintentional Islanding
STY061	1231	'43925143_/_6484619'		3.33	3.33	3.33	0.66	0.3	3.33	0.51 No	0.3 Element Fault
STY061	1232	'6482876_/_6482944'		3.33	3.33	3.33	0.08	0.3	3.33	0.51 No	0.08 Thermal Discharging
STY061	1233	'6453628_/_6453625'		3.33	3.33	3.33	0.1	0.3	3.33	0.51 No	0.1 Thermal Discharging
STY061	1234	'43926331_/_6487271'		3.17	3.33	3.33	0.08	1	3.33	0.51 No	0.08 Thermal Discharging
STY061	1235	'6484337_/_6484402'		3.33	3.33	3.33	0.66	0.3	3.33	0.51 No	0.3 Element Fault
STY061	1236	'6472147_/_6472144'		10	10	10	1.98	1.6	10	1.52 No	1.52 Unintentional Islanding
STY061	1237	'43926199_/_6489726'		3.33	3.33	3.33	0.08	0.3	3.33	0.51 No	0.08 Thermal Discharging
STY061	1238	'7451730_/_7451728_1'		10	10	10	1.98	0.9	10	1.52 No	0.9 Element Fault
STY061	1239	'6487410_/_6487407'		3.07	3.33	3.33	0.08	1	3.33	0.51 No	0.08 Thermal Discharging
STY061	1240	'43925322_/_6486044'		3.33	3.33	3.33	0.66	0.2	3.33	0.51 No	0.2 Element Fault
STY061	1241	'6472587_/_6472563'		10	10	10	1.98	1.6	10	1.52 No	1.52 Unintentional Islanding
STY061	1242	'7451710_/_7451708_1'		10	10	10	1.98	0.9	10	1.52 No	0.9 Element Fault
STY061	1243	'7451731_/_7451728_2'		10	10	10	1.98	0.9	10	1.52 No	0.9 Element Fault
STY061	1244	'6484363_/_6484360'		3.33	3.33	3.33	0.66	0.3	3.33	0.51 No	0.3 Element Fault
STY061	1245	'6453586_/_6453583'		3.33	3.33	3.33	0.1	1.1	3.33	0.51 No	0.1 Thermal Discharging
STY061	1246	'43922045_/_6459813'		3.33	3.33	3.33	0.66	0.3	3.33	0.51 No	0.3 Element Fault
STY061	1247	'6453644_/_6453641'		3.33	3.33	3.33	0.1	0.3	3.33	0.51 No	0.1 Thermal Discharging
STY061	1248	'43926111_/_6490122'		2.67	3.33	3.33	0.08	0.3	3.33	0.51 No	0.08 Thermal Discharging
STY061	1249	'6453557_/_6453554'		3.33	3.33	3.33	0.1	0.3	3.33	0.51 No	0.1 Thermal Discharging
STY061	1250	'6459919_/_43925145'		3.33	3.33	3.33	0.66	0.3	3.33	0.51 No	0.3 Element Fault
STY061	1251	'6453476_/_6453473'		3.33	3.33	3.33	0.1	0.3	3.33	0.51 No	0.1 Thermal Discharging
STY061	1252	'6460056_/_6484334'		3.33	3.33	3.33	0.66	0.3	3.33	0.51 No	0.3 Element Fault
STY061	1253	'6484376_/_6484373'		3.33	3.33	3.33	0.66	0.3	3.33	0.51 No	0.3 Element Fault
STY061	1254	'7451711_/_7451708_2'		10	10	10	1.98	0.9	10	1.52 No	0.9 Element Fault
STY061	1255	'6487286_/_43926333'		2.9	3.33	3.33	0.08	1	3.33	0.51 No	0.08 Thermal Discharging
STY061	1256	'6483125_/_6483255'		3.13	3.33	3.33	0.08	0.3	3.33	0.51 No	0.08 Thermal Discharging
STY061	1257	'6459829_/_6459826'		3.33	3.33	3.33	0.66	0.3	3.33	0.51 No	0.3 Element Fault
STY061	1258	'43926144_/_43926146'		2.37	3.33	3.33	0.08	0.3	3.33	0.51 No	0.08 Thermal Discharging
STY061	1259	'6459920_/_6459917'		3.33	3.33	3.33	0.66	0.3	3.33	0.51 No	0.3 Element Fault
STY061	1260	'6460043_/_6460053'		3.33	3.33	3.33	0.66	0.3	3.33	0.51 No	0.3 Element Fault
STY061	1261	'6485497_/_6485494'		3.33	3.33	3.33	0.66	0.2	3.33	0.51 No	0.2 Element Fault
STY061	1262	'6471298_/_6484386'		3.33	3.33	3.33	0.66	0.3	3.33	0.51 No	0.3 Element Fault

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
STY061	1263	'43920146_/6453599'	3.33	3.33	3.33	0.1	1.1	3.33	0.51 No	0.1	Thermal Discharging
STY061	1264	'6483273_/6487284'	2.53	3.33	3.33	0.08	1	3.33	0.51 No	0.08	Thermal Discharging
STY061	1265	'43920260_/6455189'	3.33	3.33	3.33	0.1	0.3	3.33	0.51 No	0.1	Thermal Discharging
STY061	1266	'6453489_/6453486'	3.33	3.33	3.33	0.1	0.3	3.33	0.51 No	0.1	Thermal Discharging
STY061	1267	'6465194_/6465191'	3.33	3.33	3.33	0.66	0.3	3.33	0.51 No	0.3	Element Fault
STY061	1268	'6459842_/6459839'	3.33	3.33	3.33	0.66	0.3	3.33	0.51 No	0.3	Element Fault
STY061	1269	'6490125_/43926113'	2.13	3.33	3.33	0.08	0.3	3.33	0.51 No	0.08	Thermal Discharging
STY061	1270	'6453365_/6453499'	3.33	3.33	3.33	0.1	0.3	3.33	0.51 No	0.1	Thermal Discharging
STY061	1271	'6453799_/43920262'	3.33	3.33	3.33	0.1	0.3	3.33	0.51 No	0.1	Thermal Discharging
STY061	1272	'6471297_/6471295'	3.33	3.33	3.33	0.66	0.3	3.33	0.51 No	0.3	Element Fault
STY061	1273	'6483124_/6483122'	2.4	3.33	3.33	0.08	0.3	3.33	0.51 No	0.08	Thermal Discharging
STY061	1274	'6460030_/43922136'	3.33	3.33	3.33	0.66	0.3	3.33	0.51 No	0.3	Element Fault
STY061	1275	'43925344_/6486057'	3.33	3.33	3.33	0.66	0.2	3.33	0.51 No	0.2	Element Fault
STY061	1276	'43926143_/6482873'	2.03	3.33	3.33	0.08	0.3	3.33	0.51 No	0.08	Thermal Discharging
STY061	1277	'6483274_/6483271'	2.2	3.33	3.33	0.08	1	3.33	0.51 No	0.08	Thermal Discharging
STY061	1278	'43919934_/6453612'	3.33	3.33	3.33	0.1	1.1	3.33	0.51 No	0.1	Thermal Discharging
STY061	1279	'6459904_/6459901'	3.33	3.33	3.33	0.66	0.3	3.33	0.51 No	0.3	Element Fault
STY061	1280	'6499156_/6499153'	2.27	3.33	3.33	0.08	0.3	3.33	0.51 No	0.08	Thermal Discharging
STY061	1281	'74106056_/6453797'	3.33	3.33	3.33	0.1	0.3	3.33	0.51 No	0.1	Thermal Discharging
STY061	1282	'6503295_/6503306'	2.27	3.33	3.33	0.08	0.3	3.33	0.51 No	0.08	Thermal Discharging
STY061	1283	'44070588_/6453363'	3.33	3.33	3.33	0.1	0.3	3.33	0.51 No	0.1	Thermal Discharging
STY061	1284	'390808031_/6472423'	3.33	3.33	3.33	0.66	0.3	3.33	0.51 No	0.3	Element Fault
STY061	1285	'6503283_/6503293'	2.23	3.33	3.33	0.08	0.3	3.33	0.51 No	0.08	Thermal Discharging
STY061	1286	'43925221_/6485061'	3.33	3.33	3.33	0.66	0.3	3.33	0.51 No	0.3	Element Fault
STY061	1287	'7172607_/7172604'	3.33	3.33	3.33	0.1	0.3	3.33	0.51 No	0.1	Thermal Discharging
STY061	1288	'8137769_/8137767_1'	3.33	3.33	3.33	0.1	0.1	3.33	0.51 No	0.1	Thermal Discharging
STY061	1289	'6483287_/6483284'	2.03	3.33	3.33	0.08	1	3.33	0.51 No	0.08	Thermal Discharging
STY061	1290	'43925333_/6485510'	3.33	3.33	3.33	0.66	0.2	3.33	0.51 No	0.2	Element Fault
STY061	1291	'43924965_/390808033'	3.33	3.33	3.33	0.66	0.3	3.33	0.51 No	0.3	Element Fault
STY061	1292	'396197542_/9343390_2'	3.33	3.33	3.33	0.66	0.3	3.33	0.51 No	0.3	Element Fault
STY061	1293	'6453405_/43919936'	3.33	3.33	3.33	0.1	1.1	3.33	0.51 No	0.1	Thermal Discharging
STY061	1294	'9056421_/9343390_1'	3.33	3.33	3.33	0.66	0.1	3.33	0.51 No	0.1	Element Fault
STY061	1295	'6446669_/7109771'	3.33	3.33	3.33	0.66	0.3	3.33	0.51 No	0.3	Element Fault
STY061	1296	'6483112_/6503280'	2.03	3.3	3.33	0.08	0.3	3.33	0.51 No	0.08	Thermal Discharging
STY061	1297	'6467177_/6503322'	2	3.27	3.33	0.08	0.3	3.33	0.51 No	0.08	Thermal Discharging
STY061	1298	'6446670_/6446667'	3.33	3.33	3.33	0.66	0.3	3.32	0.51 No	0.3	Element Fault
STY061	1299	'9056422_/9056419'	3.33	3.33	3.33	0.66	0.1	3.32	0.51 No	0.1	Element Fault
STY061	1300	'6485513_/43925335'	3.33	3.33	3.33	0.66	0.1	3.32	0.51 No	0.1	Element Fault
STY061	1301	'6453657_/6453654'	3.33	3.33	3.33	0.1	1.1	3.33	0.51 No	0.1	Thermal Discharging
STY061	1302	'6483099_/6483109'	1.9	3.2	3.33	0.08	0.3	3.33	0.51 No	0.08	Thermal Discharging
STY061	1303	'8137770_/8137767_2'	3.33	3.33	3.33	0.1	0.1	3.31	0.51 No	0.1	Thermal Discharging
STY061	1304	'43918870_/6446680'	3.33	3.33	3.33	0.66	0.3	3.27	0.51 No	0.3	Element Fault
STY061	1305	'43920179_/6453706'	3.33	3.33	3.33	0.1	1.1	3.29	0.51 No	0.1	Thermal Discharging
STY061	1306	'7765184_/7765181'	3.33	3.3	3.33	0.66	0.1	3.32	0.51 No	0.1	Element Fault
STY061	1307	'6467176_/6467174'	1.8	3.1	3.33	0.08	0.3	3.33	0.51 No	0.08	Thermal Discharging
STY061	1308	'702334385_/702334401'	3.33	3.27	3.33	0.66	0.1	3.3	0.51 No	0.1	Element Fault
STY061	1309	'6453669_/43920181'	3.33	3.33	3.33	0.1	1.1	3.25	0.51 No	0.1	Thermal Discharging
STY061	1310	'6446696_/43918872'	3.33	3.33	3.33	0.66	0.3	3.21	0.51 No	0.3	Element Fault
STY061	1311	'6453670_/6453667'	3.33	3.33	3.33	0.1	1.1	3.23	0.51 No	0.1	Thermal Discharging
STY061	1312	'6491264_/6491261'	1.73	3.03	3.33	0.08	0.3	3.33	0.51 No	0.08	Thermal Discharging
STY061	1313	'43926188_/43926190'	1.77	3.03	3.33	0.08	0.3	3.33	0.51 No	0.08	Thermal Discharging
STY061	1314	'6446709_/6446706'	3.33	3.33	3.33	0.66	0.3	3.17	0.51 No	0.3	Element Fault
STY061	1315	'43919912_/6453732'	3.33	3.33	3.33	0.1	1.1	3.19	0.51 No	0.1	Thermal Discharging
STY061	1316	'6446735_/6446745'	3.33	3.33	3.33	0.66	0.3	3.16	0.51 No	0.3	Element Fault
STY061	1317	'6446761_/6446758'	3.33	3.33	3.33	0.66	0.3	3.15	0.51 No	0.3	Element Fault
STY061	1318	'43918881_/6452403'	3.33	3.33	3.33	0.66	0.3	3.14	0.51 No	0.3	Element Fault
STY061	1319	'6483085_/6483083'	1.63	2.9	3.33	0.08	0.3	3.25	0.51 No	0.08	Thermal Discharging
STY061	1320	'43927646_/6491274'	1.63	2.9	3.33	0.08	0.3	3.25	0.51 No	0.08	Thermal Discharging
STY061	1321	'6453683_/6453680'	3.33	3.33	3.33	0.1	1.1	3.15	0.51 No	0.1	Thermal Discharging
STY061	1322	'7451518_/7451516_1'	3.33	3.33	3.33	0.1	0.3	3.14	0.51 No	0.1	Thermal Discharging
STY061	1323	'560080647_/560080574_2'	3.33	3.33	3.33	0.1	1.1	3.14	0.51 No	0.1	Thermal Discharging
STY061	1324	'6493087_/6503677_1'	1.63	2.9	3.33	0.08	0.2	3.24	0.51 No	0.08	Thermal Discharging
STY061	1325	'43918914_/6446771'	3.33	3.33	3.33	0.66	0.3	3.11	0.51 No	0.3	Element Fault
STY061	1326	'6453313_/6453693'	3.33	3.3	3.33	0.1	1.1	3.12	0.51 No	0.1	Thermal Discharging
STY061	1327	'43918886_/43918883'	3	3.33	3.33	0.66	0.3	3.09	0.51 No	0.3	Element Fault
STY061	1328	'7451519_/7451516_2'	3.33	3.27	3.33	0.1	0.3	3.11	0.51 No	0.1	Thermal Discharging
STY061	1329	'43929551_/6503677_2'	1.6	2.83	3.33	0.08	0.2	3.2	0.51 No	0.08	Thermal Discharging
STY061	1330	'6453314_/6453311'	3.33	3.27	3.33	0.1	1.1	3.1	0.51 No	0.1	Thermal Discharging
STY061	1331	'6446721_/6446732'	2.97	3.27	3.33	0.66	0.3	3.07	0.51 No	0.3	Element Fault
STY061	1332	'6492041_/6493097'	1.57	2.83	3.33	0.08	0.3	3.18	0.51 No	0.08	Thermal Discharging
STY061	1333	'6446787_/43918916'	2.77	3.27	3.33	0.66	0.3	3.05	0.51 No	0.3	Element Fault
STY061	1334	'6491277_/43927648'	1.53	2.8	3.33	0.08	0.3	3.16	0.51 No	0.08	Thermal Discharging
STY061	1335	'6447075_/6447085'	2.83	3.23	3.33	0.66	0.3	3.04	0.51 No	0.3	Element Fault
STY061	1336	'6491036_/43929553'	1.53	2.77	3.33	0.08	0.2	3.15	0.51 No	0.08	Thermal Discharging
STY061	1337	'8029034_/560080574_1'	3.33	3.13	3.33	0.1	0.3	3.05	0.51 No	0.1	Thermal Discharging
STY061	1338	'43918903_/43918905'	2.7	3.17	3.33	0.66	0.3	3.02	0.51 No	0.3	Element Fault
STY061	1339	'6446722_/6446719'	2.7	3.17	3.33	0.66	0.3	3.02	0.51 No	0.3	Element Fault
STY061	1340	'43919923_/43919925'	3.33	3.13	3.33	0.1	1.1	3.03	0.51 No	0.1	Thermal Discharging
STY061	1341	'43925491_/43925493'	1.5	2.73	3.33	0.08	0.3	3.13	0.51 No	0.08	Thermal Discharging
STY061	1342	'6452283_/6452280'	2.57	3.13	3.33	0.66	0.3	3	0.51 No	0.3	Element Fault
STY061	1343	'6447062_/6447072'	2.6	3.1	3.33	0.66	0.3	2.99	0.51 No	0.3	Element Fault
STY061	1344	'6452228_/6452238'	2.5	3.03	3.33	0.66	0.3	2.97	0.51 No	0.3	Element Fault
STY061	1345	'6492040_/6492038'	1.43	2.67	3.33	0.08	0.1	3.07	0.51 No	0.08	Thermal Discharging
STY061	1346	'6453515_/6453525'	3.33	3.03	3.33	0.1	1.1	2.97	0.51 No	0.1	Thermal Discharging
STY061	1347	'43918925_/6452293'	2.4	3	3.33	0.66	0.3	2.95	0.51 No	0.3	Element Fault
STY061	1348	'6491037_/6491034'	1.43	2.67	3.33	0.08	0.2	3.06	0.51 No	0.08	Thermal Discharging
STY061	1349	'6453514_/6453512'	3.33	3	3.33	0.1	1.1	2.95	0.51 No	0.1	Thermal Discharging
STY061	1350	'6447049_/6447059'	2.47	2.97	3.33	0.66	0.3	2.93	0.51 No	0.3	Element Fault
STY061	1351	'43918892_/43918894'	2.37	2.93	3.33	0.66	0.3	2.91	0.51 No	0.3	Element Fault
STY061	1352	'43918936_/6452306'	2.33	2.93	3.33	0.66	0.3	2.91	0.51 No	0.3	Element Fault
STY061	1353	'6483017_/9343762'	1.4	2.6	3.33	0.08	0.1	3.01	0.51 No	0.08	Thermal Discharging
STY061	1354	'6419441_/6453745'	3.33	2.93	3.33	0.1	1.1	2.92	0.51 No	0.1	Thermal Discharging
STY061	1355	'6453761_/6453771_1'	3.33	2.93	3.33	0.1	0.3	2.91	0.51 No	0.1	Thermal Discharging
STY061	1356	'43919978_/6453771_2'	3.33	2.9	3.33	0.1	0.3	2.9	0.51 No	0.1	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over- Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
STY061	1357	'6447033_/_6447046'		2.33	2.87	3.33	0.66	0.3	2.88	0.51 No	0.3 Element Fault
STY061	1358	'6483018_/_6483015'		1.37	2.57	3.33	0.08	0.1	2.98	0.51 No	0.08 Thermal Discharging
STY061	1359	'6491050_/_6491047'		1.37	2.53	3.33	0.08	0.2	2.98	0.51 No	0.08 Thermal Discharging
STY061	1360	'6447101_/_6447098'		2.37	2.87	3.33	0.66	0.3	2.87	0.51 No	0.3 Element Fault
STY061	1361	'6452309_/_43918938'		2.23	2.87	3.33	0.66	0.3	2.87	0.51 No	0.3 Element Fault
STY061	1362	'6419427_/_6419438'		3.33	2.87	3.33	0.1	1.1	2.88	0.51 No	0.1 Thermal Discharging
STY061	1363	'466631442_/_64522225'		2.27	2.83	3.33	0.66	0.3	2.87	0.51 No	0.3 Element Fault
STY061	1364	'8029001_/_9657998_2'		3.33	2.87	3.33	0.1	1.1	2.88	0.51 No	0.1 Thermal Discharging
STY061	1365	'6453787_/_43919969'		3.33	2.83	3.33	0.1	0.3	2.85	0.51 No	0.1 Thermal Discharging
STY061	1366	'6447032_/_6447030'		2.23	2.77	3.33	0.66	0.3	2.84	0.51 No	0.3 Element Fault
STY061	1367	'6491063_/_6491060'		1.33	2.5	3.33	0.08	0.2	2.94	0.51 No	0.08 Thermal Discharging
STY061	1368	'6447114_/_6447111'		2.3	2.8	3.33	0.66	0.3	2.83	0.51 No	0.3 Element Fault
STY061	1369	'43918947_/_6452319'		2.17	2.77	3.33	0.66	0.3	2.83	0.51 No	0.3 Element Fault
STY061	1370	'6491075_/_6491823'		1.3	2.5	3.33	0.08	0.2	2.93	0.51 No	0.08 Thermal Discharging
STY061	1371	'9030278_/_9657998_1'		3.33	2.77	3.33	0.1	0.3	2.83	0.51 No	0.1 Thermal Discharging
STY061	1372	'6491173_/_6491810'		1.3	2.47	3.33	0.08	0.2	2.91	0.51 No	0.08 Thermal Discharging
STY061	1373	'43919956_/_6419425'		3.33	2.8	3.33	0.1	1.1	2.82	0.51 No	0.1 Thermal Discharging
STY061	1374	'43926166_/_6483070'		1.3	2.47	3.33	0.08	0.1	2.9	0.51 No	0.08 Thermal Discharging
STY061	1375	'43919024_/_6447127'		2.27	2.73	3.33	0.66	0.3	2.81	0.51 No	0.3 Element Fault
STY061	1376	'6452322_/_43918949'		2.1	2.7	3.33	0.66	0.3	2.8	0.51 No	0.3 Element Fault
STY061	1377	'6419415_/_6419412'		3.33	2.73	3.33	0.1	0.3	2.8	0.51 No	0.1 Thermal Discharging
STY061	1378	'6483034_/_6483031'		1.27	2.43	3.33	0.08	0.1	2.87	0.51 No	0.08 Thermal Discharging
STY061	1379	'6447143_/_43919026'		2.2	2.67	3.33	0.66	0.3	2.77	0.51 No	0.3 Element Fault
STY061	1380	'6491172_/_6491170'		1.27	2.4	3.33	0.08	0.2	2.86	0.51 No	0.08 Thermal Discharging
STY061	1381	'6491076_/_6491073'		1.23	2.4	3.33	0.08	0.2	2.86	0.51 No	0.08 Thermal Discharging
STY061	1382	'6447156_/_6447153'		2.17	2.67	3.33	0.66	0.3	2.75	0.51 No	0.3 Element Fault
STY061	1383	'608702887_/_9343218_2'		1.27	2.63	3.33	0.66	0.3	2.75	0.51 No	0.3 Element Fault
STY061	1384	'6483047_/_6483044'		1.23	2.37	3.33	0.08	0.1	2.84	0.51 No	0.08 Thermal Discharging
STY061	1385	'9030294_/_9030291'		3.33	2.63	3.33	0.1	0.3	2.74	0.51 No	0.1 Thermal Discharging
STY061	1386	'6447182_/_6447192'		2.1	2.57	3.33	0.66	0.3	2.71	0.51 No	0.3 Element Fault
STY061	1387	'6447211_/_6447208'		2.07	2.57	3.33	0.66	0.3	2.7	0.51 No	0.3 Element Fault
STY061	1388	'6491186_/_6491183'		1.2	2.33	3.33	0.08	0.2	2.79	0.51 No	0.08 Thermal Discharging
STY061	1389	'6491089_/_6491086'		1.2	2.3	3.33	0.08	0.2	2.79	0.51 No	0.08 Thermal Discharging
STY061	1390	'6447169_/_6447179'		2.03	2.53	3.33	0.66	0.3	2.69	0.51 No	0.3 Element Fault
STY061	1391	'7764924_/_9343218_1'		2.03	2.53	3.33	0.66	0.1	2.68	0.51 No	0.1 Element Fault
STY061	1392	'43926177_/_6483057'		1.17	2.3	3.33	0.08	0.1	2.77	0.51 No	0.08 Thermal Discharging
STY061	1393	'6447275_/_6447273'		2.03	2.53	3.33	0.66	0.3	2.68	0.51 No	0.3 Element Fault
STY061	1394	'8711696_/_8711694_1'		2.03	2.53	3.33	0.66	0.1	2.67	0.51 No	0.1 Element Fault
STY061	1395	'6447223_/_6452267'		2.03	2.53	3.33	0.66	0.3	2.67	0.51 No	0.3 Element Fault
STY061	1396	'6491102_/_6491099'		1.17	2.27	3.33	0.08	0.2	2.76	0.51 No	0.08 Thermal Discharging
STY061	1397	'6447168_/_6447166'		2	2.5	3.33	0.66	0.3	2.67	0.51 No	0.3 Element Fault
STY061	1398	'7451467_/_7764921'		2	2.5	3.33	0.66	0.1	2.66	0.51 No	0.1 Element Fault
STY061	1399	'8711697_/_8711694_2'		2	2.47	3.33	0.66	0.1	2.65	0.51 No	0.1 Element Fault
STY061	1400	'43927657_/_6491196'		1.17	2.27	3.33	0.08	0.2	2.74	0.51 No	0.08 Thermal Discharging
STY061	1401	'43919046_/_6447289'		1.97	2.47	3.33	0.66	0.3	2.65	0.51 No	0.3 Element Fault
STY061	1402	'8711728_/_9030307'		3.33	2.5	3.33	0.1	0.3	2.66	0.51 No	0.1 Thermal Discharging
STY061	1403	'43919109_/_6447221'		2	2.5	3.33	0.66	0.3	2.65	0.51 No	0.3 Element Fault
STY061	1404	'6446948_/_6446946_1'		2	2.47	3.33	0.66	0.3	2.64	0.51 No	0.3 Element Fault
STY061	1405	'8711712_/_8711710'		1.97	2.43	3.33	0.66	0.1	2.63	0.51 No	0.1 Element Fault
STY061	1406	'43927668_/_6491157'		1.13	2.23	3.33	0.08	0.2	2.71	0.51 No	0.08 Thermal Discharging
STY061	1407	'6483060_/_43926179'		1.13	2.23	3.33	0.08	0.1	2.71	0.51 No	0.08 Thermal Discharging
STY061	1408	'8400826_/_8711726'		3.33	2.47	3.33	0.1	0.3	2.64	0.51 No	0.1 Thermal Discharging
STY061	1409	'6447250_/_6447260'		1.93	2.43	3.33	0.66	0.3	2.63	0.51 No	0.3 Element Fault
STY061	1410	'6447292_/_43919048'		1.93	2.43	3.33	0.66	0.3	2.62	0.51 No	0.3 Element Fault
STY061	1411	'7451466_/_7451464_1'		1.93	2.43	3.33	0.66	0.1	2.62	0.51 No	0.1 Element Fault
STY061	1412	'8400827_/_9030275_1'		3.33	2.47	3.33	0.1	0.3	2.63	0.51 No	0.1 Thermal Discharging
STY061	1413	'6446949_/_6446946_2'		1.97	2.43	3.33	0.66	0.3	2.62	0.51 No	0.3 Element Fault
STY061	1414	'6446962_/_6446959'		1.93	2.43	3.33	0.66	0.3	2.6	0.51 No	0.3 Element Fault
STY061	1415	'6491118_/_6491115'		1.1	2.2	3.33	0.08	0.2	2.68	0.51 No	0.08 Thermal Discharging
STY061	1416	'6447237_/_6447247'		1.9	2.4	3.33	0.66	0.3	2.59	0.51 No	0.3 Element Fault
STY061	1417	'6491212_/_43927659'		1.1	2.2	3.33	0.08	0.2	2.68	0.51 No	0.08 Thermal Discharging
STY061	1418	'6491134_/_6491131'		1.1	2.17	3.33	0.08	0.2	2.66	0.51 No	0.08 Thermal Discharging
STY061	1419	'6446975_/_6446972'		1.9	2.4	3.33	0.66	0.3	2.57	0.51 No	0.3 Element Fault
STY061	1420	'6446988_/_6446985'		1.9	2.37	3.33	0.66	0.3	2.56	0.51 No	0.3 Element Fault
STY061	1421	'6447236_/_43919037'		1.83	2.33	3.33	0.66	0.3	2.56	0.51 No	0.3 Element Fault
STY061	1422	'6447004_/_6447001'		1.87	2.33	3.33	0.66	0.3	2.54	0.51 No	0.3 Element Fault
STY061	1423	'43927679_/_6491144'		1.07	2.13	3.33	0.08	0.2	2.61	0.51 No	0.08 Thermal Discharging
STY061	1424	'6467134_/_6491222'		1.07	2.1	3.33	0.08	0.2	2.61	0.51 No	0.08 Thermal Discharging
STY061	1425	'6447017_/_6447014'		1.83	2.3	3.33	0.66	0.3	2.51	0.51 No	0.3 Element Fault
STY061	1426	'6491147_/_43927681'		1.03	2.1	3.33	0.08	0.2	2.57	0.51 No	0.08 Thermal Discharging
STY061	1427	'6467135_/_6467132'		1.03	2.07	3.33	0.08	0.2	2.57	0.51 No	0.08 Thermal Discharging
STY061	1428	'6491238_/_6491235'		1	2.03	3.33	0.08	0.2	2.54	0.51 No	0.08 Thermal Discharging
STY061	1429	'6467148_/_6467145'		1	2	3.33	0.08	0.2	2.52	0.51 No	0.08 Thermal Discharging
STY061	1430	'43927690_/_6491248'		0.97	1.97	3.33	0.08	0.2	2.49	0.51 No	0.08 Thermal Discharging
STY061	1431	'6467161_/_6467158'		0.97	1.97	3.33	0.08	0.2	2.48	0.51 No	0.08 Thermal Discharging
STY061	1432	'57587187_/_57587159'		0.97	1.97	3.33	0.08	0.2	2.47	0.51 No	0.08 Thermal Discharging
STY061	1433	'57587229_/_57587209_1'		0.97	1.97	3.33	0.08	0.1	2.47	0.51 No	0.08 Thermal Discharging
STY061	1434	'6491251_/_43927692'		0.93	1.93	3.33	0.08	0.2	2.44	0.51 No	0.08 Thermal Discharging
STY061	1435	'57587234_/_57587209_2'		0.93	1.9	3.33	0.08	0.1	2.39	0.51 No	0.08 Thermal Discharging
STY061	1436	'6481898_/_6481896_1'		10	10	10	1.98	0.9	6.27	1.52 No	0.9 Element Fault
STY061	1437	'50787177_/_6481896_2'		10	10	10	1.98	0.9	5.63	1.52 No	0.9 Element Fault
STY061	1438	'8711981_/_8711978'		10	10	10	1.98	0.9	5.57	1.52 No	0.9 Element Fault
STY062	0	'STY062_/_385856134'		10	10	10	1.5	10	10	4.96 No	1.5 Thermal Discharging
STY062	1	'7406230_/_385856134'		10	10	10	1.5	10	10	4.96 No	1.5 Thermal Discharging
STY062	2	'5569326_/_385856110'		10	10	10	1.5	10	10	4.96 No	1.5 Thermal Discharging
STY062	3	'385856092_/_404168163_1'		10	10	10	1.5	10	10	4.96 No	1.5 Thermal Discharging
STY062	4	'5569325_/_404168163_2'		10	10	10	1.5	10	10	4.96 No	1.5 Thermal Discharging
STY062	5	'5575934_/_5575932'		10	10	10	1.5	10	10	4.96 No	1.5 Thermal Discharging
STY062	6	'5575969_/_5575966'		10	10	10	1.5	4.7	10	4.96 No	1.5 Thermal Discharging
STY062	7	'5569309_/_5575949'		10	10	10	1.5	10	10	4.96 No	1.5 Thermal Discharging
STY062	8	'5569343_/_5569340'		10	10	10	1.5	10	10	4.96 No	1.5 Thermal Discharging
STY062	9	'70127678_/_70127675'		10	10	10	1.5	10	10	4.96 No	1.5 Thermal Discharging
STY062	10	'5569360_/_5569357'		10	10	10	1.5	10	10	4.96 No	1.5 Thermal Discharging
STY062	11	'5575986_/_5575983'		10	10	10	1.5	4.7	10	4.96 No	1.5 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
STY062	12	'8356632_/_8983795_1'	10		10	10	1.5	4.7	10	4.96 No	1.5 Thermal Discharging
STY062	13	'5570784_/_5570781'	10		10	10	1.5	10	10	4.96 No	1.5 Thermal Discharging
STY062	14	'8356633_/_8983795_2'	10		10	10	1.5	4.7	10	4.96 No	1.5 Thermal Discharging
STY062	15	'5569995_/_5570798'	10		10	10	1.5	10	10	4.96 No	1.5 Thermal Discharging
STY062	16	'5569996_/_5569993'	10		10	10	1.5	10	10	4.96 No	1.5 Thermal Discharging
STY062	17	'5570013_/_5570010'	10		10	10	1.5	10	10	4.96 No	1.5 Thermal Discharging
STY062	18	'5570030_/_5570027'	10		10	10	1.5	10	10	4.96 No	1.5 Thermal Discharging
STY062	19	'5576788_/_5576785'	10		10	10	1.5	10	10	4.96 No	1.5 Thermal Discharging
STY062	20	'4503333_/_7083011'	10		10	10	1.5	10	10	4.96 No	1.5 Thermal Discharging
STY062	21	'268858210_/_268858219'	10		10	10	1.5	10	10	4.96 No	1.5 Thermal Discharging
STY062	22	'268858192_/_268858279'	10		10	10	1.5	10	10	4.96 No	1.5 Thermal Discharging
STY062	23	'51515605_/_4508022'	10		10	10	1.5	10	10	4.96 No	1.5 Thermal Discharging
STY062	24	'8983798_/_8983795_3'	10		10	10	1.5	4.7	10	4.96 No	1.5 Thermal Discharging
STY062	25	'268858172_/_268858189'	10		10	10	1.5	10	10	4.96 No	1.5 Thermal Discharging
STY062	26	'51515617_/_51515806_1'	10		10	10	1.5	2.3	10	4.96 No	1.5 Thermal Discharging
STY062	27	'268858152_/_268858169'	10		10	10	1.5	10	10	4.96 No	1.5 Thermal Discharging
STY062	28	'268858132_/_268858149'	10		10	10	1.5	10	10	4.96 No	1.5 Thermal Discharging
STY062	29	'268858112_/_268858129'	10		10	10	1.5	10	10	4.96 No	1.5 Thermal Discharging
STY062	30	'461125218_/_461125215'	3.33		3.33	3.33	0.5	1.7	3.33	1.65 No	0.5 Thermal Discharging
STY062	31	'268858092_/_268858109'	10		10	10	1.5	10	10	4.96 No	1.5 Thermal Discharging
STY062	32	'268858072_/_268858089'	10		10	10	1.5	10	10	4.96 No	1.5 Thermal Discharging
STY062	33	'51515804_/_51515806_2'	10		10	10	1.5	2.3	10	4.96 No	1.5 Thermal Discharging
STY062	34	'51515837_/_51515839'	6.67		6.67	6.67	1	1.53	6.67	3.3 No	1 Thermal Discharging
STY062	35	'276477182_/_268859090_2'	10		10	10	1.5	5.2	10	4.96 No	1.5 Thermal Discharging
STY062	36	'4503453_/_268858069'	10		10	10	1.5	10	10	4.96 No	1.5 Thermal Discharging
STY062	37	'4503436_/_4503450'	10		10	10	1.5	10	10	4.96 No	1.5 Thermal Discharging
STY062	38	'268859018_/_268859090_1'	10		10	10	1.5	1.5	10	4.96 No	1.5 Thermal Discharging
STY062	39	'4503419_/_4503433'	10		10	10	1.5	10	10	4.96 No	1.5 Thermal Discharging
STY062	40	'362304344_/_369062741'	10		10	10	1.5	1.5	10	4.96 No	1.5 Thermal Discharging
STY062	41	'8275447_/_8901846_1'	10		10	10	1.5	1.4	10	4.96 No	1.4 Element Fault
STY062	42	'4503402_/_4503416'	10		10	10	1.5	10	10	4.96 No	1.5 Thermal Discharging
STY062	43	'8736460_/_362304348'	10		10	10	1.5	1.5	10	4.96 No	1.5 Thermal Discharging
STY062	44	'4503385_/_4503399'	10		10	10	1.5	10	10	4.96 No	1.5 Thermal Discharging
STY062	45	'362304206_/_8736458'	10		10	10	1.5	1.5	10	4.96 No	1.5 Thermal Discharging
STY062	46	'4503384_/_4503382'	10		10	10	1.5	10	10	4.96 No	1.5 Thermal Discharging
STY062	47	'8901849_/_8901846_2'	10		10	10	1.5	1.4	10	4.96 No	1.4 Element Fault
STY062	48	'4514531_/_4514528'	10		10	10	1.5	10	10	4.96 No	1.5 Thermal Discharging
STY062	49	'4514605_/_4514619_1'	10		10	10	1.5	1.4	10	4.96 No	1.4 Element Fault
STY062	50	'43531694_/_4514619_2'	10		10	10	1.5	1.4	10	4.96 No	1.4 Element Fault
STY062	51	'43523631_/_43523633'	10		10	10	1.5	10	10	4.96 No	1.5 Thermal Discharging
STY062	52	'51516152_/_4514508'	10		10	10	1.5	1.4	10	4.96 No	1.4 Element Fault
STY062	53	'4504959_/_4514437'	10		10	10	1.5	10	10	4.96 No	1.5 Thermal Discharging
STY062	54	'362304250_/_369062852'	10		10	10	1.5	1.5	10	4.96 No	1.5 Thermal Discharging
STY062	55	'4504942_/_4504956'	10		10	10	1.5	10	10	4.96 No	1.5 Thermal Discharging
STY062	56	'43531681_/_4514491'	10		10	10	1.5	1.4	10	4.96 No	1.4 Element Fault
STY062	57	'4504925_/_4504939'	10		10	10	1.5	10	10	4.96 No	1.5 Thermal Discharging
STY062	58	'4514459_/_4514474'	10		10	10	1.5	1.4	10	4.96 No	1.4 Element Fault
STY062	59	'4506778_/_4506795_1'	10		10	10	1.5	2.4	10	4.96 No	1.5 Thermal Discharging
STY062	60	'4504908_/_4504922'	10		10	10	1.5	10	10	4.96 No	1.5 Thermal Discharging
STY062	61	'4514460_/_4514457'	10		10	10	1.5	1.4	10	4.96 No	1.4 Element Fault
STY062	62	'8901884_/_9533132'	10		10	10	1.5	2.3	10	4.96 No	1.5 Thermal Discharging
STY062	63	'8901869_/_9533094'	10		10	10	1.5	2.3	10	4.96 No	1.5 Thermal Discharging
STY062	64	'43523618_/_43523620'	10		10	10	1.5	10	10	4.96 No	1.5 Thermal Discharging
STY062	65	'4504874_/_4504888'	10		10	10	1.5	10	10	4.96 No	1.5 Thermal Discharging
STY062	66	'4504854_/_4504871'	10		10	10	1.5	10	10	4.96 No	1.5 Thermal Discharging
STY062	67	'4486592_/_4504851'	10		10	10	1.5	10	10	4.96 No	1.5 Thermal Discharging
STY062	68	'4486972_/_4505228'	10		10	10	1.5	10	10	4.96 No	1.5 Thermal Discharging
STY062	69	'4486593_/_4486611_1'	6.67		6.67	6.67	1	0.9	6.67	3.3 No	0.9 Element Fault
STY062	70	'4504820_/_4504834'	10		10	10	1.5	10	10	4.96 No	1.5 Thermal Discharging
STY062	71	'4486852_/_4506795_2'	10		10	10	1.5	2.4	10	4.96 No	1.5 Thermal Discharging
STY062	72	'4504819_/_4504817_2'	10		10	10	1.5	10	10	4.96 No	1.5 Thermal Discharging
STY062	73	'43523605_/_4504817_1'	10		10	10	1.5	10	10	4.96 No	1.5 Thermal Discharging
STY062	74	'4540423_/_9533112_2'	10		10	10	1.5	2.3	10	4.96 No	1.5 Thermal Discharging
STY062	75	'43523591_/_43523593'	10		10	10	1.5	10	10	4.96 No	1.5 Thermal Discharging
STY062	76	'401546721_/_9533112_1'	10		10	10	1.5	2.3	10	4.96 No	1.5 Thermal Discharging
STY062	77	'4498546_/_4498563'	10		10	10	1.5	2.3	10	4.96 No	1.5 Thermal Discharging
STY062	78	'4506229_/_4506243'	10		10	10	1.5	10	10	4.96 No	1.5 Thermal Discharging
STY062	79	'51515871_/_51515878'	3.33		3.33	3.33	0.5	0.77	3.33	1.65 No	0.5 Thermal Discharging
STY062	80	'4506212_/_4506226'	10		10	10	1.5	10	10	4.96 No	1.5 Thermal Discharging
STY062	81	'4506211_/_4506209'	10		10	10	1.5	10	10	4.96 No	1.5 Thermal Discharging
STY062	82	'4487042_/_4506328'	10		10	10	1.5	10	10	4.96 No	1.5 Thermal Discharging
STY062	83	'4487071_/_4504797'	10		10	10	1.5	10	10	4.96 No	1.5 Thermal Discharging
STY062	84	'4487028_/_4487026_1'	3.33		3.33	3.33	0.5	0.4	3.33	1.65 No	0.4 Element Fault
STY062	85	'43523644_/_4486970'	10		10	10	1.5	4.5	10	4.96 No	1.5 Thermal Discharging
STY062	86	'43523542_/_4487026_2'	3.33		3.33	3.33	0.5	0.4	3.33	1.65 No	0.4 Element Fault
STY062	87	'4486560_/_4504780'	10		10	10	1.5	10	10	4.96 No	1.5 Thermal Discharging
STY062	88	'4486572_/_4486570_1'	10		10	10	1.5	1.4	10	4.96 No	1.4 Element Fault
STY062	89	'4487029_/_43523544'	3.33		3.33	3.33	0.5	0.4	3.33	1.65 No	0.4 Element Fault
STY062	90	'4504533_/_4504550'	10		10	10	1.5	10	10	4.96 No	1.5 Thermal Discharging
STY062	91	'43523708_/_4486993'	10		10	10	1.5	2.4	10	4.96 No	1.5 Thermal Discharging
STY062	92	'7719454_/_362304254'	10		10	10	1.5	1.5	10	4.96 No	1.5 Thermal Discharging
STY062	93	'4486614_/_4486611_2'	6.67		6.67	6.67	1	0.9	6.67	3.3 No	0.9 Element Fault
STY062	94	'4486544_/_4486541_2'	3.33		3.33	3.33	0.5	1	3.33	1.65 No	0.5 Thermal Discharging
STY062	95	'63753019_/_63753022'	10		10	10	1.5	2.3	10	4.96 No	1.5 Thermal Discharging
STY062	96	'63753126_/_63753093_1'	10		10	10	1.5	1.5	10	4.96 No	1.5 Thermal Discharging
STY062	97	'4487058_/_4504530'	10		10	10	1.5	10	10	4.96 No	1.5 Thermal Discharging
STY062	98	'4485853_/_4504401'	10		10	10	1.5	2.3	10	4.96 No	1.5 Thermal Discharging
STY062	99	'4504499_/_4504513'	10		10	10	1.5	10	10	4.96 No	1.5 Thermal Discharging
STY062	100	'43523298_/_4508127'	10		10	10	1.5	10	10	4.96 No	1.5 Thermal Discharging
STY062	101	'74489535_/_63753130_1'	10		10	10	1.5	1.4	10	4.96 No	1.4 Element Fault
STY062	102	'4504414_/_4504496'	10		10	10	1.5	10	10	4.96 No	1.5 Thermal Discharging
STY062	103	'4508096_/_4508110'	10		10	10	1.5	10	10	4.96 No	1.5 Thermal Discharging
STY062	104	'4504397_/_4504411'	10		10	10	1.5	10	10	4.96 No	1.5 Thermal Discharging
STY062	105	'4508079_/_4508093'	10		10	10	1.5	10	10	4.96 No	1.5 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over- Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
STY062	106	'4517531_/_4517528'	3.33	3.33	3.33	0.5	0.5	3.33	1.65 No	0.5	Thermal Discharging
STY062	107	'4504380_/_4504394'	10	10	10	1.5	10	10	4.96 No	1.5	Thermal Discharging
STY062	108	'4486853_/_4486850'	6.67	6.67	6.67	1	1.6	6.67	3.3 No	1	Thermal Discharging
STY062	109	'4504159_/_4504377'	10	10	10	1.5	10	10	4.96 No	1.5	Thermal Discharging
STY062	110	'43523285_/_4508076'	10	10	10	1.5	10	10	4.96 No	1.5	Thermal Discharging
STY062	111	'4486543_/_4486541_1'	3.33	3.33	3.33	0.5	0.3	3.33	1.65 No	0.3	Element Fault
STY062	112	'7326350_/_9219248'	3.33	3.33	3.33	0.5	0.3	3.33	1.65 No	0.3	Element Fault
STY062	113	'4486703_/_4504156'	10	10	10	1.5	10	10	4.96 No	1.5	Thermal Discharging
STY062	114	'4508166_/_4508164'	10	10	10	1.5	10	10	4.96 No	1.5	Thermal Discharging
STY062	115	'4517504_/_4517541'	3.33	3.33	3.33	0.5	0.5	3.33	1.65 No	0.5	Thermal Discharging
STY062	116	'4486973_/_43523646'	10	10	10	1.5	4.5	10	4.96 No	1.5	Thermal Discharging
STY062	117	'4486702_/_4486700'	6.67	6.67	6.67	1	0.9	6.67	3.3 No	0.9	Element Fault
STY062	118	'4504125_/_4504139'	10	10	10	1.5	10	10	4.96 No	1.5	Thermal Discharging
STY062	119	'43523250_/_4487056'	3.33	3.33	3.33	0.5	1	3.33	1.65 No	0.5	Thermal Discharging
STY062	120	'63753086_/_63753093_2'	10	10	10	1.5	1.5	10	4.96 No	1.5	Thermal Discharging
STY062	121	'43523272_/_43523274'	10	10	10	1.5	10	10	4.96 No	1.5	Thermal Discharging
STY062	122	'4486573_/_4486570_2'	10	10	10	1.5	1.4	10	4.96 No	1.4	Element Fault
STY062	123	'4487015_/_4487013'	3.33	3.33	3.33	0.5	0.3	3.33	1.65 No	0.3	Element Fault
STY062	124	'4504108_/_4504122'	10	10	10	1.5	10	10	4.96 No	1.5	Thermal Discharging
STY062	125	'5578711_/_7083378'	10	10	10	1.5	10	10	4.96 No	1.5	Thermal Discharging
STY062	126	'4486735_/_4486733_1'	3.33	3.33	3.33	0.5	0.5	3.33	1.65 No	0.5	Thermal Discharging
STY062	127	'4486028_/_4504105'	10	10	10	1.5	10	10	4.96 No	1.5	Thermal Discharging
STY062	128	'4486674_/_4487085'	6.67	6.67	6.67	1	0.9	6.67	3.3 No	0.9	Element Fault
STY062	129	'5578710_/_5578708'	10	10	10	1.5	10	10	4.96 No	1.5	Thermal Discharging
STY062	130	'4504090_/_4504088'	10	10	10	1.5	10	10	4.96 No	1.5	Thermal Discharging
STY062	131	'4516057_/_4516074'	10	10	10	1.5	10	10	4.96 No	1.5	Thermal Discharging
STY062	132	'43741078_/_43741080'	10	10	10	1.5	10	10	4.96 No	1.5	Thermal Discharging
STY062	133	'43741091_/_43741093'	10	10	10	1.5	10	10	4.96 No	1.5	Thermal Discharging
STY062	134	'4515845_/_4516054'	10	10	10	1.5	10	10	4.96 No	1.5	Thermal Discharging
STY062	135	'5578623_/_5579924'	10	10	10	1.5	10	10	4.96 No	1.5	Thermal Discharging
STY062	136	'4516023_/_4516037'	10	10	10	1.5	10	10	4.96 No	1.5	Thermal Discharging
STY062	137	'4515813_/_4515843'	10	10	10	1.5	3.1	10	4.96 No	1.5	Thermal Discharging
STY062	138	'4517505_/_4517502'	3.33	3.33	3.33	0.5	0.5	3.33	1.65 No	0.5	Thermal Discharging
STY062	139	'43740136_/_43740138'	10	10	10	1.5	10	10	4.96 No	1.5	Thermal Discharging
STY062	140	'4516000_/_4516020'	10	10	10	1.5	10	10	4.96 No	1.5	Thermal Discharging
STY062	141	'5573792_/_5573789_2'	10	10	10	1.5	10	10	4.96 No	1.5	Thermal Discharging
STY062	142	'4485854_/_4485851'	10	10	10	1.5	2.3	10	4.96 No	1.5	Thermal Discharging
STY062	143	'5578551_/_5578620'	10	10	10	1.5	10	10	4.96 No	1.5	Thermal Discharging
STY062	144	'4486118_/_4486718'	6.67	6.67	6.67	1	0.9	6.67	3.3 No	0.9	Element Fault
STY062	145	'43523531_/_4538683'	3.33	3.33	3.33	0.5	0.3	3.33	1.65 No	0.3	Element Fault
STY062	146	'4486836_/_4486935'	10	10	10	1.5	2.4	10	4.96 No	1.5	Thermal Discharging
STY062	147	'4515812_/_4515810'	10	10	10	1.5	1.4	10	4.96 No	1.4	Element Fault
STY062	148	'5578466_/_5578548'	10	10	10	1.5	10	10	4.96 No	1.5	Thermal Discharging
STY062	149	'5573670_/_5573789_1'	10	10	10	1.5	2.3	10	4.96 No	1.5	Thermal Discharging
STY062	150	'4515929_/_4515997'	10	10	10	1.5	10	10	4.96 No	1.5	Thermal Discharging
STY062	151	'5578449_/_5578463'	10	10	10	1.5	10	10	4.96 No	1.5	Thermal Discharging
STY062	152	'43523118_/_43523120'	10	10	10	1.5	10	10	4.96 No	1.5	Thermal Discharging
STY062	153	'5573669_/_5573667'	10	10	10	1.5	2.3	10	4.96 No	1.5	Thermal Discharging
STY062	154	'43523180_/_4486026'	6.67	6.67	6.67	1	2.1	6.67	3.3 No	1	Thermal Discharging
STY062	155	'5578432_/_5578446'	10	10	10	1.5	10	10	4.96 No	1.5	Thermal Discharging
STY062	156	'505193265_/_505193263'	3.33	3.33	3.33	0.5	1.5	3.33	1.65 No	0.5	Thermal Discharging
STY062	157	'43523261_/_4486733_2'	3.33	3.33	3.33	0.5	0.5	3.33	1.65 No	0.5	Thermal Discharging
STY062	158	'43523079_/_43523081'	10	10	10	1.5	10	10	4.96 No	1.5	Thermal Discharging
STY062	159	'43740101_/_5578855'	10	10	10	1.5	2.3	10	4.96 No	1.5	Thermal Discharging
STY062	160	'43530833_/_43530835'	3.33	3.33	3.33	0.5	0.5	3.33	1.65 No	0.5	Thermal Discharging
STY062	161	'4486871_/_4486868'	6.67	6.67	6.67	1	1.6	6.67	3.3 No	1	Thermal Discharging
STY062	162	'4486029_/_4486044_1'	6.67	6.67	6.67	1	1	6.67	3.3 No	1	Thermal Discharging
STY062	163	'401546776_/_4506755'	10	10	10	1.5	1.4	10	4.96 No	1.4	Element Fault
STY062	164	'5578431_/_5578429'	10	10	10	1.5	10	10	4.96 No	1.5	Thermal Discharging
STY062	165	'7305027_/_7305025_1'	10	10	10	1.5	0.9	10	4.96 No	0.9	Element Fault
STY062	166	'5573653_/_5578838'	10	10	10	1.5	2.3	10	4.96 No	1.5	Thermal Discharging
STY062	167	'70127648_/_5578531'	10	10	10	1.5	10	10	4.96 No	1.5	Thermal Discharging
STY062	168	'5573652_/_5573650'	10	10	10	1.5	2.3	10	4.96 No	1.5	Thermal Discharging
STY062	169	'43523215_/_43523217'	3.33	3.33	3.33	0.5	0.45	3.33	1.65 No	0.45	Element Fault
STY062	170	'5578415_/_5578514'	10	10	10	1.5	10	10	4.96 No	1.5	Thermal Discharging
STY062	171	'43523154_/_4518119'	10	10	10	1.5	1.4	10	4.96 No	1.4	Element Fault
STY062	172	'4515798_/_4515828'	6.67	6.67	6.67	1	0.93	6.67	3.3 No	0.93	Element Fault
STY062	173	'5575182_/_5575180'	10	10	10	1.5	2.3	10	4.96 No	1.5	Thermal Discharging
STY062	174	'4518122_/_4518139_1'	10	10	10	1.5	1.4	10	4.96 No	1.4	Element Fault
STY062	175	'5578414_/_5578412'	10	10	10	1.5	10	10	4.96 No	1.5	Thermal Discharging
STY062	176	'7326349_/_7326347'	3.33	3.33	3.33	0.5	0.3	3.33	1.65 No	0.3	Element Fault
STY062	177	'5578756_/_5578753_1'	6.67	6.67	6.67	1	0.9	6.67	3.3 No	0.9	Element Fault
STY062	178	'49995317_/_5578691_2'	10	10	10	1.5	10	10	4.96 No	1.5	Thermal Discharging
STY062	179	'752634881_/_5576989_1'	3.33	3.33	3.33	0.5	0.3	3.33	1.65 No	0.3	Element Fault
STY062	180	'43740919_/_5578059'	10	10	10	1.5	2.3	10	4.96 No	1.5	Thermal Discharging
STY062	181	'362304319_/_268858977'	10	10	10	1.5	1.5	10	4.96 No	1.5	Thermal Discharging
STY062	182	'5578331_/_65559126_1'	6.67	6.67	6.67	1	0.9	6.67	3.3 No	0.9	Element Fault
STY062	183	'5578364_/_5578691_1'	10	10	10	1.5	10	10	4.96 No	1.5	Thermal Discharging
STY062	184	'655240359_/_5578225_3'	10	10	10	1.5	7	10	4.96 No	1.5	Thermal Discharging
STY062	185	'43523695_/_4486833'	10	10	10	1.5	2.4	10	4.96 No	1.5	Thermal Discharging
STY062	186	'5566224_/_5578042'	10	10	10	1.5	2.3	10	4.96 No	1.5	Thermal Discharging
STY062	187	'457916078_/_5576934_1'	3.33	3.33	3.33	0.5	0.3	3.33	1.65 No	0.3	Element Fault
STY062	188	'5578347_/_5578361'	10	10	10	1.5	10	10	4.96 No	1.5	Thermal Discharging
STY062	189	'655240419_/_5578225_2'	10	10	10	1.5	2.5	10	4.96 No	1.5	Thermal Discharging
STY062	190	'268858972_/_372957510'	10	10	10	1.5	1.5	10	4.96 No	1.5	Thermal Discharging
STY062	191	'5573619_/_5573633'	10	10	10	1.5	2.3	10	4.96 No	1.5	Thermal Discharging
STY062	192	'505193280_/_505193278'	3.33	3.33	3.33	0.5	1.5	3.33	1.65 No	0.5	Thermal Discharging
STY062	193	'5573775_/_5578344'	10	10	10	1.5	10	10	4.96 No	1.5	Thermal Discharging
STY062	194	'4486516_/_4538696'	3.33	3.33	3.33	0.5	0.3	3.33	1.65 No	0.3	Element Fault
STY062	195	'43528270_/_4517515'	3.33	3.33	3.33	0.5	0.5	3.33	1.65 No	0.5	Thermal Discharging
STY062	196	'5573618_/_5573616'	10	10	10	1.5	2.3	10	4.96 No	1.5	Thermal Discharging
STY062	197	'5573758_/_5573772'	10	10	10	1.5	10	10	4.96 No	1.5	Thermal Discharging
STY062	198	'4486119_/_4486116'	6.67	6.67	6.67	1	0.9	6.67	3.3 No	0.9	Element Fault
STY062	199	'43523192_/_4486044_2'	6.67	6.67	6.67	1	1	6.67	3.3 No	1	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
											VSR (MW)	Limiting Threshold
STY062	200	'5578228_/_5578225_1'		10	10	10	1.5	2.5	10	4.96 No	1.5	Thermal Discharging
STY062	201	'276477196_/_268859063_1'		10	10	10	1.5	1.4	10	4.96 No	1.4	Element Fault
STY062	202	'43740943_/_5578312'		10	10	10	1.5	2.5	10	4.96 No	1.5	Thermal Discharging
STY062	203	'5578909_/_5578923'		10	10	10	1.5	2.3	10	4.96 No	1.5	Thermal Discharging
STY062	204	'5573741_/_5573755'		10	10	10	1.5	10	10	4.96 No	1.5	Thermal Discharging
STY062	205	'4486749_/_4486746'	3.33	3.33	3.33	3.33	0.5	0.5	3.33	1.65 No	0.5	Thermal Discharging
STY062	206	'5575280_/_5575290_1'	3.33	3.33	3.33	3.33	0.5	0.5	3.33	1.65 No	0.5	Thermal Discharging
STY062	207	'4515783_/_4515795'	6.67	6.67	6.67	6.67	1	0.93	6.67	3.3 No	0.93	Element Fault
STY062	208	'4517614_/_4518139_2'	10	10	10	10	1.5	1.4	10	4.96 No	1.4	Element Fault
STY062	209	'5578892_/_5578906'	10	10	10	10	1.5	2.3	10	4.96 No	1.5	Thermal Discharging
STY062	210	'5573721_/_5573738'	10	10	10	10	1.5	10	10	4.96 No	1.5	Thermal Discharging
STY062	211	'5578176_/_5578190'	10	10	10	10	1.5	2.5	10	4.96 No	1.5	Thermal Discharging
STY062	212	'4486503_/_4486513'	3.33	3.33	3.33	3.33	0.5	0.3	3.33	1.65 No	0.3	Element Fault
STY062	213	'43741005_/_5578889'	10	10	10	10	1.5	2.3	10	4.96 No	1.5	Thermal Discharging
STY062	214	'5566305_/_5575290_2'	3.33	3.33	3.33	3.33	0.5	0.5	3.33	1.65 No	0.5	Thermal Discharging
STY062	215	'43740712_/_43740714'	3.33	3.33	3.33	3.33	0.5	0.5	3.33	1.65 No	0.5	Thermal Discharging
STY062	216	'5566420_/_5573718'	10	10	10	10	1.5	10	10	4.96 No	1.5	Thermal Discharging
STY062	217	'4486147_/_4538775'	3.33	3.33	3.33	3.33	0.5	0.5	3.33	1.65 No	0.5	Thermal Discharging
STY062	218	'43740699_/_5578173'	10	10	10	10	1.5	2.5	10	4.96 No	1.5	Thermal Discharging
STY062	219	'43740956_/_5578242'	10	10	10	10	1.5	2.5	10	4.96 No	1.5	Thermal Discharging
STY062	220	'5575166_/_5578872'	10	10	10	10	1.5	2.3	10	4.96 No	1.5	Thermal Discharging
STY062	221	'4486093_/_4486103'	3.33	3.33	3.33	3.33	0.5	0.45	3.33	1.65 No	0.45	Element Fault
STY062	222	'5578741_/_5578753_2'	6.67	6.67	6.67	6.67	1	0.9	6.67	3.3 No	0.9	Element Fault
STY062	223	'6498217_/_7098963'	10	10	10	10	1.5	10	10	4.96 No	1.5	Thermal Discharging
STY062	224	'5566240_/_5566238_1'	3.33	3.33	3.33	3.33	0.5	0.4	3.33	1.65 No	0.4	Element Fault
STY062	225	'5578281_/_65559126_2'	6.67	6.67	6.67	6.67	1	0.9	6.67	3.3 No	0.9	Element Fault
STY062	226	'5575146_/_5575163'	10	10	10	10	1.5	2.3	10	4.96 No	1.5	Thermal Discharging
STY062	227	'43740686_/_5575214'	10	10	10	10	1.5	2.5	10	4.96 No	1.5	Thermal Discharging
STY062	228	'5576992_/_5576989_2'	3.33	3.33	3.33	3.33	0.5	0.3	3.33	1.65 No	0.3	Element Fault
STY062	229	'5575234_/_5575231_2'	6.67	6.67	6.67	6.67	1	2.1	6.67	3.3 No	1	Thermal Discharging
STY062	230	'6498200_/_6498214'	10	10	10	10	1.5	10	10	4.96 No	1.5	Thermal Discharging
STY062	231	'4485874_/_43522774'	10	10	10	10	1.5	2.3	10	4.96 No	1.5	Thermal Discharging
STY062	232	'505193293_/_505193291'	3.33	3.33	3.33	3.33	0.5	1.5	3.33	1.65 No	0.5	Thermal Discharging
STY062	233	'43740090_/_5576934_2'	3.33	3.33	3.33	3.33	0.5	0.3	3.33	1.65 No	0.3	Element Fault
STY062	234	'5573601_/_5575143'	10	10	10	10	1.5	2.3	10	4.96 No	1.5	Thermal Discharging
STY062	235	'6496065_/_6498197'	10	10	10	10	1.5	10	10	4.96 No	1.5	Thermal Discharging
STY062	236	'424970041_/_5573599'	10	10	10	10	1.5	2.3	10	4.96 No	1.5	Thermal Discharging
STY062	237	'5578265_/_43740958'	10	10	10	10	1.5	2.5	10	4.96 No	1.5	Thermal Discharging
STY062	238	'43740077_/_584820405'	10	10	10	10	1.5	2.3	10	4.96 No	1.5	Thermal Discharging
STY062	239	'5565855_/_5575197'	10	10	10	10	1.5	2.5	10	4.96 No	1.5	Thermal Discharging
STY062	240	'6498166_/_6498180'	10	10	10	10	1.5	10	10	4.96 No	1.5	Thermal Discharging
STY062	241	'5573602_/_8663505_2'	10	10	10	10	1.5	2.3	10	4.96 No	1.5	Thermal Discharging
STY062	242	'6501872_/_6501869_2'	6.67	6.67	6.67	6.67	1	2.1	6.67	3.3 No	1	Thermal Discharging
STY062	243	'5575109_/_5575126_2'	10	10	10	10	1.5	2.3	10	4.96 No	1.5	Thermal Discharging
STY062	244	'4486062_/_43523194'	6.67	6.67	6.67	6.67	1	1	6.67	3.3 No	1	Thermal Discharging
STY062	245	'6498149_/_6498163'	10	10	10	10	1.5	10	10	4.96 No	1.5	Thermal Discharging
STY062	246	'4517615_/_4517612'	10	10	10	10	1.5	1.4	10	4.96 No	1.4	Element Fault
STY062	247	'584820516_/_8663505_1'	10	10	10	10	1.5	1.4	10	4.96 No	1.4	Element Fault
STY062	248	'4486395_/_4517489'	3.33	3.33	3.33	3.33	0.5	0.5	3.33	1.65 No	0.5	Thermal Discharging
STY062	249	'6498132_/_6498146'	10	10	10	10	1.5	10	10	4.96 No	1.5	Thermal Discharging
STY062	250	'43523453_/_4486318'	6.67	6.67	6.67	6.67	1	0.9	6.67	3.3 No	0.9	Element Fault
STY062	251	'43740042_/_5575126_1'	10	10	10	10	1.5	1.5	10	4.96 No	1.5	Thermal Discharging
STY062	252	'5565801_/_5565852'	10	10	10	10	1.5	2.5	10	4.96 No	1.5	Thermal Discharging
STY062	253	'5566241_/_5566238_2'	3.33	3.33	3.33	3.33	0.5	0.4	3.33	1.65 No	0.4	Element Fault
STY062	254	'4485991_/_7082382'	10	10	10	10	1.5	2.5	10	4.96 No	1.5	Thermal Discharging
STY062	255	'5566306_/_5566303'	3.33	3.33	3.33	3.33	0.5	0.5	3.33	1.65 No	0.5	Thermal Discharging
STY062	256	'6498131_/_6498129'	10	10	10	10	1.5	10	10	4.96 No	1.5	Thermal Discharging
STY062	257	'43523142_/_4515780'	6.67	6.67	6.67	6.67	1	0.93	6.67	3.3 No	0.93	Element Fault
STY062	258	'4486502_/_4486500'	3.33	3.33	3.33	3.33	0.5	0.3	3.33	1.65 No	0.3	Element Fault
STY062	259	'4517560_/_4517557'	3.33	3.33	3.33	3.33	0.5	0.5	3.33	1.65 No	0.5	Thermal Discharging
STY062	260	'6501839_/_43929449_2'	6.67	6.67	6.67	6.67	1	2.1	6.67	3.3 No	1	Thermal Discharging
STY062	261	'5577385_/_5577382'	3.33	3.33	3.33	3.33	0.5	0.3	3.33	1.65 No	0.3	Element Fault
STY062	262	'584820443_/_584820532'	10	10	10	10	1.5	1.4	10	4.96 No	1.4	Element Fault
STY062	263	'5565818_/_5565815'	10	10	10	10	1.5	1.4	10	4.96 No	1.4	Element Fault
STY062	264	'6501549_/_6501637'	10	10	10	10	1.5	10	10	4.96 No	1.5	Thermal Discharging
STY062	265	'4486799_/_4486816'	10	10	10	10	1.5	2.4	10	4.96 No	1.5	Thermal Discharging
STY062	266	'4540345_/_4540342'	3.33	3.33	3.33	3.33	0.5	0.77	3.33	1.65 No	0.5	Thermal Discharging
STY062	267	'43739970_/_5565798'	10	10	10	10	1.5	2.5	10	4.96 No	1.5	Thermal Discharging
STY062	268	'4486134_/_4486144'	3.33	3.33	3.33	3.33	0.5	0.5	3.33	1.65 No	0.5	Thermal Discharging
STY062	269	'505193314_/_505193312'	3.33	3.33	3.33	3.33	0.5	1.5	3.33	1.65 No	0.5	Thermal Discharging
STY062	270	'9533191_/_9533208_1'	10	10	10	10	1.5	1.4	10	4.96 No	1.4	Element Fault
STY062	271	'5565669_/_5575264'	3.33	3.33	3.33	3.33	0.5	0.5	3.33	1.65 No	0.5	Thermal Discharging
STY062	272	'43523167_/_4485989'	10	10	10	10	1.5	2.5	10	4.96 No	1.5	Thermal Discharging
STY062	273	'4486080_/_4486090'	3.33	3.33	3.33	3.33	0.5	0.45	3.33	1.65 No	0.45	Element Fault
STY062	274	'5566254_/_5566251'	3.33	3.33	3.33	3.33	0.5	0.4	3.33	1.65 No	0.4	Element Fault
STY062	275	'4517631_/_4518156'	10	10	10	10	1.5	1.4	10	4.96 No	1.4	Element Fault
STY062	276	'5565466_/_5575231_1'	6.67	6.67	6.67	6.67	1	1	6.67	3.3 No	1	Thermal Discharging
STY062	277	'584820564_/_584820580'	10	10	10	10	1.5	1.4	10	4.96 No	1.4	Element Fault
STY062	278	'5565767_/_5565781'	10	10	10	10	1.5	2.5	10	4.96 No	1.5	Thermal Discharging
STY062	279	'4486396_/_4486393'	3.33	3.33	3.33	3.33	0.5	0.5	3.33	1.65 No	0.5	Thermal Discharging
STY062	280	'7959896_/_9533208_2'	10	10	10	10	1.5	1.4	10	4.96 No	1.4	Element Fault
STY062	281	'5578213_/_5578738'	6.67	6.67	6.67	6.67	1	0.9	6.67	3.3 No	0.9	Element Fault
STY062	282	'8663508_/_584820640'	10	10	10	10	1.5	1.4	10	4.96 No	1.4	Element Fault
STY062	283	'7305028_/_7305025_2'	10	10	10	10	1.5	0.9	10	4.96 No	0.9	Element Fault
STY062	284	'5565750_/_5565764'	10	10	10	10	1.5	2.5	10	4.96 No	1.5	Thermal Discharging
STY062	285	'4486009_/_43523169'	10	10	10	10	1.5	2.5	10	4.96 No	1.5	Thermal Discharging
STY062	286	'5576937_/_43740092'	3.33	3.33	3.33	3.33	0.5	0.3	3.33	1.65 No	0.3	Element Fault
STY062	287	'7959895_/_7959893'	10	10	10	10	1.5	1.4	10	4.96 No	1.4	Element Fault
STY062	288	'43929447_/_43929449_1'	6.67	6.67	6.67	6.67	1	1	6.67	3.3 No	1	Thermal Discharging
STY062	289	'5566208_/_5575106'	10	10	10	10	1.5	1.5	10	4.96 No	1.5	Thermal Discharging
STY062	290	'43929459_/_6501869_1'	6.67	6.67	6.67	6.67	1	1	6.67	3.3 No	1	Thermal Discharging
STY062	291	'43739957_/_5565747'	10	10	10	10	1.5	2.5	10	4.96 No	1.5	Thermal Discharging
STY062	292	'6501548_/_6501546'	10	10	10	10	1.5	4.5	10	4.96 No	1.5	Thermal Discharging
STY062	293	'5565626_/_5565832'	10	10	10	10	1.5	1.4	10	4.96 No	1.4	Element Fault

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
STY062	294	'4486762_/_4486759'		10	10	10	1.5	2.5	10	4.96 No	1.5 Thermal Discharging
STY062	295	'4517649_/_4517646'		10	10	10	1.5	1.4	10	4.96 No	1.4 Element Fault
STY062	296	'5578282_/_5578279'	6.67	6.67	6.67	6.67	1	0.9	6.67	3.3 No	0.9 Element Fault
STY062	297	'45251675_/_4540358'	3.33	3.33	3.33	3.33	0.5	0.77	3.33	1.65 No	0.5 Thermal Discharging
STY062	298	'4486254_/_4486251'	6.67	6.67	6.67	6.67	1	1	6.67	3.3 No	1 Thermal Discharging
STY062	299	'8901921_/_9533168'	10	10	10	10	1.5	1.4	10	4.96 No	1.4 Element Fault
STY062	300	'43740125_/_5566316'	3.33	3.33	3.33	3.33	0.5	0.5	3.33	1.65 No	0.5 Thermal Discharging
STY062	301	'4505882_/_4505879'	6.67	6.67	6.67	6.67	1	0.9	6.67	3.3 No	0.9 Element Fault
STY062	302	'5565732_/_5565730'	10	10	10	10	1.5	2.5	10	4.96 No	1.5 Thermal Discharging
STY062	303	'4486409_/_4486406'	3.33	3.33	3.33	3.33	0.5	0.5	3.33	1.65 No	0.5 Thermal Discharging
STY062	304	'505193335_/_505193333'	3.33	3.33	3.33	3.33	0.5	1.5	3.33	1.65 No	0.5 Thermal Discharging
STY062	305	'4515753_/_4515765'	6.67	6.67	6.67	6.67	1	0.93	6.67	3.3 No	0.93 Element Fault
STY062	306	'43740114_/_5566264'	3.33	3.33	3.33	3.33	0.5	0.4	3.33	1.65 No	0.4 Element Fault
STY062	307	'5576949_/_5577395'	3.33	3.33	3.33	3.33	0.5	0.3	3.33	1.65 No	0.3 Element Fault
STY062	308	'5566188_/_5566205'	10	10	10	10	1.5	1.5	10	4.96 No	1.5 Thermal Discharging
STY062	309	'5566406_/_5578210'	6.67	6.67	6.67	6.67	1	0.9	6.67	3.3 No	0.9 Element Fault
STY062	310	'8901920_/_8901918'	10	10	10	10	1.5	1.4	10	4.96 No	1.4 Element Fault
STY062	311	'5575036_/_5575050'	10	10	10	10	1.5	2.5	10	4.96 No	1.5 Thermal Discharging
STY062	312	'7912231_/_7912229'	3.33	3.33	3.33	3.33	0.5	0.3	3.33	1.65 No	0.3 Element Fault
STY062	313	'43528281_/_4517570'	3.33	3.33	3.33	3.33	0.5	0.5	3.33	1.65 No	0.5 Thermal Discharging
STY062	314	'43523361_/_4518194'	10	10	10	10	1.5	1.4	10	4.96 No	1.4 Element Fault
STY062	315	'43739829_/_5565463'	6.67	6.67	6.67	6.67	1	1	6.67	3.3 No	1 Thermal Discharging
STY062	316	'4486133_/_43523241'	3.33	3.33	3.33	3.33	0.5	0.5	3.33	1.65 No	0.5 Thermal Discharging
STY062	317	'43532165_/_43532167'	3.33	3.33	3.33	3.33	0.5	0.3	3.33	1.65 No	0.3 Element Fault
STY062	318	'43739944_/_5575033'	10	10	10	10	1.5	2.5	10	4.96 No	1.5 Thermal Discharging
STY062	319	'5566093_/_5566185'	10	10	10	10	1.5	1.5	10	4.96 No	1.5 Thermal Discharging
STY062	320	'5565656_/_5565666'	3.33	3.33	3.33	3.33	0.5	0.5	3.33	1.65 No	0.5 Thermal Discharging
STY062	321	'5565715_/_5565713'	10	10	10	10	1.5	2.5	10	4.96 No	1.5 Thermal Discharging
STY062	322	'7405662_/_695700872'	10	10	10	10	1.5	1.4	10	4.96 No	1.4 Element Fault
STY062	323	'5576950_/_5576947'	3.33	3.33	3.33	3.33	0.5	0.3	3.33	1.65 No	0.3 Element Fault
STY062	324	'43523682_/_43523684'	10	10	10	10	1.5	2.4	10	4.96 No	1.5 Thermal Discharging
STY062	325	'5566332_/_5566329'	3.33	3.33	3.33	3.33	0.5	0.5	3.33	1.65 No	0.5 Thermal Discharging
STY062	326	'6495680_/_6501902'	6.67	6.67	6.67	6.67	1	1	6.67	3.3 No	1 Thermal Discharging
STY062	327	'43740005_/_5566403'	6.67	6.67	6.67	6.67	1	0.9	6.67	3.3 No	0.9 Element Fault
STY062	328	'6490948_/_6501818'	6.67	6.67	6.67	6.67	1	1	6.67	3.3 No	1 Thermal Discharging
STY062	329	'43523487_/_4486419'	3.33	3.33	3.33	3.33	0.5	0.5	3.33	1.65 No	0.5 Thermal Discharging
STY062	330	'43740969_/_5578294'	6.67	6.67	6.67	6.67	1	0.9	6.67	3.3 No	0.9 Element Fault
STY062	331	'4518197_/_43523363'	10	10	10	10	1.5	1.4	10	4.96 No	1.4 Element Fault
STY062	332	'43528513_/_4538473'	6.67	6.67	6.67	6.67	1	1	6.67	3.3 No	1 Thermal Discharging
STY062	333	'5565606_/_5565623'	10	10	10	10	1.5	1.4	10	4.96 No	1.4 Element Fault
STY062	334	'123114285_/_123114294'	10	10	10	10	1.5	1.5	10	4.96 No	1.5 Thermal Discharging
STY062	335	'43740827_/_43740829'	10	10	10	10	1.5	2.5	10	4.96 No	1.5 Thermal Discharging
STY062	336	'43523204_/_43523206'	3.33	3.33	3.33	3.33	0.5	0.45	3.33	1.65 No	0.45 Element Fault
STY062	337	'43531086_/_4505894'	6.67	6.67	6.67	6.67	1	0.9	6.67	3.3 No	0.9 Element Fault
STY062	338	'4515738_/_4515750'	6.67	6.67	6.67	6.67	1	0.93	6.67	3.3 No	0.93 Element Fault
STY062	339	'5565699_/_5576900'	10	10	10	10	1.5	2.5	10	4.96 No	1.5 Thermal Discharging
STY062	340	'43739931_/_5565696'	10	10	10	10	1.5	2.5	10	4.96 No	1.5 Thermal Discharging
STY062	341	'43523669_/_43523671'	10	10	10	10	1.5	2.4	10	4.96 No	1.5 Thermal Discharging
STY062	342	'5566280_/_43740116'	3.33	3.33	3.33	3.33	0.5	0.4	3.33	1.65 No	0.4 Element Fault
STY062	343	'4518178_/_4518209'	10	10	10	10	1.5	1.4	10	4.96 No	1.4 Element Fault
STY062	344	'38953695_/_386045090_2'	10	10	10	10	1.5	2.4	10	4.96 No	1.5 Thermal Discharging
STY062	345	'7719301_/_695700769'	10	10	10	10	1.5	1.4	10	4.96 No	1.4 Element Fault
STY062	346	'43740055_/_5575067'	3.33	3.33	3.33	3.33	0.5	0.5	3.33	1.65 No	0.5 Thermal Discharging
STY062	347	'4486489_/_4517583'	3.33	3.33	3.33	3.33	0.5	0.5	3.33	1.65 No	0.5 Thermal Discharging
STY062	348	'43739894_/_5565603'	10	10	10	10	1.5	1.4	10	4.96 No	1.4 Element Fault
STY062	349	'4486339_/_43531088'	6.67	6.67	6.67	6.67	1	0.9	6.67	3.3 No	0.9 Element Fault
STY062	350	'43739918_/_5565679'	10	10	10	10	1.5	2.5	10	4.96 No	1.5 Thermal Discharging
STY062	351	'5576966_/_43740151'	3.33	3.33	3.33	3.33	0.5	0.3	3.33	1.65 No	0.3 Element Fault
STY062	352	'5565433_/_5565448'	6.67	6.67	6.67	6.67	1	1	6.67	3.3 No	1 Thermal Discharging
STY062	353	'43523492_/_43523489'	3.33	3.33	3.33	3.33	0.5	0.5	3.33	1.65 No	0.5 Thermal Discharging
STY062	354	'6495679_/_6495677'	6.67	6.67	6.67	6.67	1	1	6.67	3.3 No	1 Thermal Discharging
STY062	355	'5566345_/_5566342'	3.33	3.33	3.33	3.33	0.5	0.5	3.33	1.65 No	0.5 Thermal Discharging
STY062	356	'43927623_/_6490945'	6.67	6.67	6.67	6.67	1	1	6.67	3.3 No	1 Thermal Discharging
STY062	357	'43740029_/_43740031'	10	10	10	10	1.5	1.5	10	4.96 No	1.5 Thermal Discharging
STY062	358	'5566448_/_5566446'	10	10	10	10	1.5	2.5	10	4.96 No	1.5 Thermal Discharging
STY062	359	'43739907_/_43739909'	3.33	3.33	3.33	3.33	0.5	0.5	3.33	1.65 No	0.5 Thermal Discharging
STY062	360	'43740974_/_43740971'	6.67	6.67	6.67	6.67	1	0.9	6.67	3.3 No	0.9 Element Fault
STY062	361	'7326037_/_386045090_1'	10	10	10	10	1.5	1.5	10	4.96 No	1.5 Thermal Discharging
STY062	362	'45251137_/_4505853'	3.33	3.33	3.33	3.33	0.5	0.45	3.33	1.65 No	0.45 Element Fault
STY062	363	'43523373_/_4518176'	10	10	10	10	1.5	1.4	10	4.96 No	1.4 Element Fault
STY062	364	'4538490_/_43528515'	6.67	6.67	6.67	6.67	1	1	6.67	3.3 No	1 Thermal Discharging
STY062	365	'43740371_/_5570556'	10	10	10	10	1.5	2.5	10	4.96 No	1.5 Thermal Discharging
STY062	366	'4515737_/_4515735'	6.67	6.67	6.67	6.67	1	0.93	6.67	3.3 No	0.93 Element Fault
STY062	367	'5566293_/_5566290'	3.33	3.33	3.33	3.33	0.5	0.4	3.33	1.65 No	0.4 Element Fault
STY062	368	'5565572_/_5565586'	10	10	10	10	1.5	1.4	10	4.96 No	1.4 Element Fault
STY062	369	'5565950_/_5565963'	3.33	3.33	3.33	3.33	0.5	0.45	3.33	1.65 No	0.45 Element Fault
STY062	370	'5563854_/_5570539'	10	10	10	10	1.5	2.5	10	4.96 No	1.5 Thermal Discharging
STY062	371	'695700628_/_9299052'	10	10	10	10	1.5	1.4	10	4.96 No	1.4 Element Fault
STY062	372	'43929146_/_6496224'	6.67	6.67	6.67	6.67	1	1	6.67	3.3 No	1 Thermal Discharging
STY062	373	'5563837_/_5563851'	10	10	10	10	1.5	2.5	10	4.96 No	1.5 Thermal Discharging
STY062	374	'7405961_/_695700672'	6.67	6.67	6.67	6.67	1	0.93	6.67	3.3 No	0.93 Element Fault
STY062	375	'5565555_/_5565569'	10	10	10	10	1.5	1.4	10	4.96 No	1.4 Element Fault
STY062	376	'5566059_/_5566073'	10	10	10	10	1.5	1.5	10	4.96 No	1.5 Thermal Discharging
STY062	377	'5575083_/_5575080'	3.33	3.33	3.33	3.33	0.5	0.5	3.33	1.65 No	0.5 Thermal Discharging
STY062	378	'7406195_/_9054017'	3.33	3.33	3.33	3.33	0.5	0.3	3.33	1.65 No	0.3 Element Fault
STY062	379	'5563820_/_5563834'	10	10	10	10	1.5	2.5	10	4.96 No	1.5 Thermal Discharging
STY062	380	'4515639_/_4515636'	3.33	3.33	3.33	3.33	0.5	0.5	3.33	1.65 No	0.5 Thermal Discharging
STY062	381	'571639879_/_4517683'	10	10	10	10	1.5	1.4	10	4.96 No	1.4 Element Fault
STY062	382	'43739817_/_5565430'	6.67	6.67	6.67	6.67	1	1	6.67	3.3 No	1 Thermal Discharging
STY062	383	'43739060_/_43739062'	10	10	10	10	1.5	2.5	10	4.96 No	1.5 Thermal Discharging
STY062	384	'43523407_/_4515585'	6.67	6.67	6.67	6.67	1	0.9	6.67	3.3 No	0.9 Element Fault
STY062	385	'4515651_/_4538488'	6.67	6.67	6.67	6.67	1	1	6.67	3.3 No	1 Thermal Discharging
STY062	386	'5563800_/_5563817'	10	10	10	10	1.5	2.5	10	4.96 No	1.5 Thermal Discharging
STY062	387	'43523131_/_7082366'	3.33	3.33	3.33	3.33	0.5	0.5	3.33	1.65 No	0.5 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
STY062	388	'45251347_/_571639885'	10	10	10	1.5	1.4	10	4.96 No	1.4	Element Fault
STY062	389	'6490918_/_6490930'	6.67	6.67	6.67	1	1	6.67	3.3 No	1	Thermal Discharging
STY062	390	'5575096_/_5575093'	3.33	3.33	3.33	0.5	0.5	3.33	1.65 No	0.5	Thermal Discharging
STY062	391	'5563783_/_5563797'	10	10	10	1.5	2.5	10	4.96 No	1.5	Thermal Discharging
STY062	392	'45073035_/_5565640'	3.33	3.33	3.33	0.5	0.5	3.33	1.65 No	0.5	Thermal Discharging
STY062	393	'4486490_/_4486487'	3.33	3.33	3.33	0.5	0.5	3.33	1.65 No	0.5	Thermal Discharging
STY062	394	'8356278_/_695700599'	10	10	10	1.5	1.4	10	4.96 No	1.4	Element Fault
STY062	395	'5563766_/_5563763_2'	10	10	10	1.5	2.5	10	4.96 No	1.5	Thermal Discharging
STY062	396	'5565937_/_5565947'	3.33	3.33	3.33	0.5	0.45	3.33	1.65 No	0.45	Element Fault
STY062	397	'7326038_/_386045117'	10	10	10	1.5	1.5	10	4.96 No	1.5	Thermal Discharging
STY062	398	'5563884_/_5563881'	10	10	10	1.5	2.5	10	4.96 No	1.5	Thermal Discharging
STY062	399	'5564284_/_5564298'	10	10	10	1.5	2.5	10	4.96 No	1.5	Thermal Discharging
STY062	400	'5565538_/_5565552'	10	10	10	1.5	1.4	10	4.96 No	1.4	Element Fault
STY062	401	'5566039_/_5566056'	10	10	10	1.5	1.5	10	4.96 No	1.5	Thermal Discharging
STY062	402	'5563900_/_5575834'	10	10	10	1.5	2.5	10	4.96 No	1.5	Thermal Discharging
STY062	403	'5564283_/_5564281'	10	10	10	1.5	2.5	10	4.96 No	1.5	Thermal Discharging
STY062	404	'103030304_/_103030313'	10	10	10	1.5	2.5	10	4.96 No	1.5	Thermal Discharging
STY062	405	'43739047_/_5563763_1'	10	10	10	1.5	1.5	10	4.96 No	1.5	Thermal Discharging
STY062	406	'8356279_/_695700566'	10	10	10	1.5	1.4	10	4.96 No	1.4	Element Fault
STY062	407	'103030507_/_103030446_1'	10	10	10	1.5	1.4	10	4.96 No	1.4	Element Fault
STY062	408	'6490813_/_6496209'	6.67	6.67	6.67	1	1	6.67	3.3 No	1	Thermal Discharging
STY062	409	'7097661_/_5564338'	10	10	10	1.5	2.5	10	4.96 No	1.5	Thermal Discharging
STY062	410	'49988272_/_7097659_1'	10	10	10	1.5	1.4	10	4.96 No	1.4	Element Fault
STY062	411	'5563918_/_5563915'	10	10	10	1.5	2.5	10	4.96 No	1.5	Thermal Discharging
STY062	412	'43739008_/_5564318'	10	10	10	1.5	2.5	10	4.96 No	1.5	Thermal Discharging
STY062	413	'43740932_/_5578134'	3.33	3.33	3.33	0.5	0.5	3.33	1.65 No	0.5	Thermal Discharging
STY062	414	'148955551_/_7097659_2'	10	10	10	1.5	1.4	10	4.96 No	1.4	Element Fault
STY062	415	'5564321_/_8356156_1'	10	10	10	1.5	1.6	10	4.96 No	1.5	Thermal Discharging
STY062	416	'43523419_/_4515649'	6.67	6.67	6.67	1	1	6.67	3.3 No	1	Thermal Discharging
STY062	417	'103030435_/_103030446_2'	10	10	10	1.5	1.4	10	4.96 No	1.4	Element Fault
STY062	418	'43739084_/_5563932'	10	10	10	1.5	2.5	10	4.96 No	1.5	Thermal Discharging
STY062	419	'5563935_/_43739086'	10	10	10	1.5	2.5	10	4.96 No	1.5	Thermal Discharging
STY062	420	'6490903_/_6490915'	6.67	6.67	6.67	1	1	6.67	3.3 No	1	Thermal Discharging
STY062	421	'507442441_/_507442292_1'	10	10	10	1.5	1.5	10	4.96 No	1.5	Thermal Discharging
STY062	422	'52970893_/_103030397'	10	10	10	1.5	1.4	10	4.96 No	1.4	Element Fault
STY062	423	'5565403_/_5565415'	6.67	6.67	6.67	1	1	6.67	3.3 No	1	Thermal Discharging
STY062	424	'43528259_/_4517473'	3.33	3.33	3.33	0.5	0.5	3.33	1.65 No	0.5	Thermal Discharging
STY062	425	'45052482_/_4485973'	3.33	3.33	3.33	0.5	0.5	3.33	1.65 No	0.5	Thermal Discharging
STY062	426	'43740016_/_43740018'	10	10	10	1.5	1.5	10	4.96 No	1.5	Thermal Discharging
STY062	427	'43740172_/_5565934'	3.33	3.33	3.33	0.5	0.45	3.33	1.65 No	0.45	Element Fault
STY062	428	'4486631_/_4486687'	3.33	3.33	3.33	0.5	0.5	3.33	1.65 No	0.5	Thermal Discharging
STY062	429	'7640986_/_386045171'	10	10	10	1.5	1.5	10	4.96 No	1.5	Thermal Discharging
STY062	430	'5563729_/_5563743'	10	10	10	1.5	1.5	10	4.96 No	1.5	Thermal Discharging
STY062	431	'4515588_/_43523409'	6.67	6.67	6.67	1	0.6	6.67	3.3 No	0.6	Element Fault
STY062	432	'5563703_/_5563713'	3.33	3.33	3.33	0.5	0.47	3.33	1.65 No	0.47	Element Fault
STY062	433	'9298907_/_507442292_2'	10	10	10	1.5	1.5	10	4.96 No	1.5	Thermal Discharging
STY062	434	'43739881_/_5565535'	10	10	10	1.5	1.4	10	4.96 No	1.4	Element Fault
STY062	435	'9299075_/_695700539'	10	10	10	1.5	1.4	10	4.96 No	1.4	Element Fault
STY062	436	'436099654_/_436099651'	3.33	3.33	3.33	0.5	0.5	3.33	1.65 No	0.5	Thermal Discharging
STY062	437	'43740906_/_7097659_3'	10	10	10	1.5	1.4	10	4.96 No	1.4	Element Fault
STY062	438	'103030843_/_103030564'	10	10	10	1.5	1.4	10	4.96 No	1.4	Element Fault
STY062	439	'6490798_/_6490810'	6.67	6.67	6.67	1	1	6.67	3.3 No	1	Thermal Discharging
STY062	440	'43739034_/_5563726'	10	10	10	1.5	1.5	10	4.96 No	1.5	Thermal Discharging
STY062	441	'103030879_/_103030951'	10	10	10	1.5	1.4	10	4.96 No	1.4	Element Fault
STY062	442	'56912915_/_56912946'	10	10	10	1.5	1.4	10	4.96 No	1.4	Element Fault
STY062	443	'43927611_/_6490900'	6.67	6.67	6.67	1	1	6.67	3.3 No	1	Thermal Discharging
STY062	444	'5578150_/_5578147'	3.33	3.33	3.33	0.5	0.5	3.33	1.65 No	0.5	Thermal Discharging
STY062	445	'7406194_/_7406192'	3.33	3.33	3.33	0.5	0.3	3.33	1.65 No	0.3	Element Fault
STY062	446	'4486632_/_4486629'	3.33	3.33	3.33	0.5	0.5	3.33	1.65 No	0.5	Thermal Discharging
STY062	447	'5564176_/_5564190'	10	10	10	1.5	1.5	10	4.96 No	1.5	Thermal Discharging
STY062	448	'43739805_/_5565400'	6.67	6.67	6.67	1	1	6.67	3.3 No	1	Thermal Discharging
STY062	449	'4515344_/_43523421'	6.67	6.67	6.67	1	1	6.67	3.3 No	1	Thermal Discharging
STY062	450	'5565999_/_5566019'	10	10	10	1.5	1.5	10	4.96 No	1.5	Thermal Discharging
STY062	451	'43739868_/_5565518'	10	10	10	1.5	1.4	10	4.96 No	1.4	Element Fault
STY062	452	'6490783_/_6490795'	6.67	6.67	6.67	1	1	6.67	3.3 No	1	Thermal Discharging
STY062	453	'4517449_/_4517460'	3.33	3.33	3.33	0.5	0.5	3.33	1.65 No	0.5	Thermal Discharging
STY062	454	'5577998_/_5577995'	6.67	6.67	6.67	1	0.93	6.67	3.3 No	0.93	Element Fault
STY062	455	'4538946_/_4538944'	3.33	3.33	3.33	0.5	0.5	3.33	1.65 No	0.5	Thermal Discharging
STY062	456	'5564156_/_5564173'	10	10	10	1.5	1.5	10	4.96 No	1.5	Thermal Discharging
STY062	457	'43738997_/_5563700'	3.33	3.33	3.33	0.5	0.47	3.33	1.65 No	0.47	Element Fault
STY062	458	'5565911_/_5565921'	3.33	3.33	3.33	0.5	0.45	3.33	1.65 No	0.45	Element Fault
STY062	459	'8356179_/_507442411'	10	10	10	1.5	1.5	10	4.96 No	1.5	Thermal Discharging
STY062	460	'4486645_/_4486642'	3.33	3.33	3.33	0.5	0.5	3.33	1.65 No	0.5	Thermal Discharging
STY062	461	'5564155_/_5564153'	10	10	10	1.5	1.5	10	4.96 No	1.5	Thermal Discharging
STY062	462	'5565998_/_5565996'	10	10	10	1.5	1.5	10	4.96 No	1.5	Thermal Discharging
STY062	463	'9299039_/_9299036'	3.33	3.33	3.33	0.5	0.3	3.33	1.65 No	0.3	Element Fault
STY062	464	'8585773_/_8585770'	6.67	6.67	6.67	1	0.6	6.67	3.3 No	0.6	Element Fault
STY062	465	'7719129_/_8042098_1'	10	10	10	1.5	0.9	10	4.96 No	0.9	Element Fault
STY062	466	'8356158_/_8356156_2'	10	10	10	1.5	1.6	10	4.96 No	1.5	Thermal Discharging
STY062	467	'5566112_/_5578160'	3.33	3.33	3.33	0.5	0.5	3.33	1.65 No	0.5	Thermal Discharging
STY062	468	'6490873_/_6490885'	6.67	6.67	6.67	1	1	6.67	3.3 No	1	Thermal Discharging
STY062	469	'8275486_/_386045205'	10	10	10	1.5	1.5	10	4.96 No	1.5	Thermal Discharging
STY062	470	'4515359_/_4515356'	6.67	6.67	6.67	1	1	6.67	3.3 No	1	Thermal Discharging
STY062	471	'43927575_/_6490780'	6.67	6.67	6.67	1	1	6.67	3.3 No	1	Thermal Discharging
STY062	472	'5564262_/_5564260'	6.67	6.67	6.67	1	1	6.67	3.3 No	1	Thermal Discharging
STY062	473	'50785358_/_43740185'	10	10	10	1.5	1.5	10	4.96 No	1.5	Thermal Discharging
STY062	474	'5574986_/_5574998'	6.67	6.67	6.67	1	1	6.67	3.3 No	1	Thermal Discharging
STY062	475	'5563677_/_5563687'	3.33	3.33	3.33	0.5	0.47	3.33	1.65 No	0.47	Element Fault
STY062	476	'4517424_/_4517421'	3.33	3.33	3.33	0.5	0.5	3.33	1.65 No	0.5	Thermal Discharging
STY062	477	'5565910_/_5565908'	3.33	3.33	3.33	0.5	0.45	3.33	1.65 No	0.45	Element Fault
STY062	478	'43523350_/_43523352'	3.33	3.33	3.33	0.5	0.5	3.33	1.65 No	0.5	Thermal Discharging
STY062	479	'5566113_/_5566110'	3.33	3.33	3.33	0.5	0.5	3.33	1.65 No	0.5	Thermal Discharging
STY062	480	'4498731_/_4517447'	3.33	3.33	3.33	0.5	0.5	3.33	1.65 No	0.5	Thermal Discharging
STY062	481	'43739854_/_43739856'	10	10	10	1.5	1.4	10	4.96 No	1.4	Element Fault

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Over-Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
STY062	482	'5565978_/_5565976'		10	10	10	1.5	1.5	10	4.96 No	1.5 Thermal Discharging
STY062	483	'37921531_/_9610139'		10	10	10	1.5	1.6	10	4.96 No	1.5 Thermal Discharging
STY062	484	'37921538_/_37921535'		10	10	10	1.5	1.6	10	4.96 No	1.5 Thermal Discharging
STY062	485	'37921559_/_37921563'		10	10	10	1.5	1.6	10	4.96 No	1.5 Thermal Discharging
STY062	486	'37921545_/_37921542'		10	10	10	1.5	1.6	10	4.96 No	1.5 Thermal Discharging
STY062	487	'404470286_/_404470283'		10	10	10	1.5	1.6	10	4.96 No	1.5 Thermal Discharging
STY062	488	'4517437_/_4517434'	3.33	3.33	3.33	0.5	0.5	3.33	1.65 No	0.5 Thermal Discharging	1.5 Thermal Discharging
STY062	489	'6490858_/_6490870'	6.67	6.67	6.67	1	1	6.67	3.3 No	1 Thermal Discharging	1 Thermal Discharging
STY062	490	'5566152_/_5566149'	6.67	6.67	6.67	1	1	6.67	3.3 No	1 Thermal Discharging	1 Thermal Discharging
STY062	491	'9610230_/_9610227'	3.33	3.33	3.33	0.5	0.53	3.33	1.65 No	0.5 Thermal Discharging	0.5 Thermal Discharging
STY062	492	'43739023_/_5570916'	6.67	6.67	6.67	1	1	6.67	3.3 No	1 Thermal Discharging	1 Thermal Discharging
STY062	493	'43530738_/_4515603'	6.67	6.67	6.67	1	1	6.67	3.3 No	1 Thermal Discharging	1 Thermal Discharging
STY062	494	'6490767_/_6490765'	6.67	6.67	6.67	1	1	6.67	3.3 No	1 Thermal Discharging	1 Thermal Discharging
STY062	495	'592178523_/_592178499_1'	10	10	10	1.5	0.9	10	4.96 No	0.9 Element Fault	0.9 Element Fault
STY062	496	'5565388_/_5574983'	6.67	6.67	6.67	1	1	6.67	3.3 No	1 Thermal Discharging	1 Thermal Discharging
STY062	497	'5566170_/_5566167'	6.67	6.67	6.67	1	1	6.67	3.3 No	1 Thermal Discharging	1 Thermal Discharging
STY062	498	'43741018_/_5578977'	3.33	3.33	3.33	0.5	0.45	3.33	1.65 No	0.45 Element Fault	0.45 Element Fault
STY062	499	'5563664_/_5563674'	3.33	3.33	3.33	0.5	0.47	3.33	1.65 No	0.47 Element Fault	0.47 Element Fault
STY062	500	'43739841_/_43739843'	10	10	10	1.5	1.4	10	4.96 No	1.4 Element Fault	1.4 Element Fault
STY062	501	'4538959_/_4538957'	3.33	3.33	3.33	0.5	0.5	3.33	1.65 No	0.5 Thermal Discharging	0.5 Thermal Discharging
STY062	502	'43740066_/_5566123'	3.33	3.33	3.33	0.5	0.5	3.33	1.65 No	0.5 Thermal Discharging	0.5 Thermal Discharging
STY062	503	'43532235_/_4498729'	3.33	3.33	3.33	0.5	0.5	3.33	1.65 No	0.5 Thermal Discharging	0.5 Thermal Discharging
STY062	504	'5575775_/_5575788'	3.33	3.33	3.33	0.5	0.5	3.33	1.65 No	0.5 Thermal Discharging	0.5 Thermal Discharging
STY062	505	'43927599_/_6490855'	6.67	6.67	6.67	1	1	6.67	3.3 No	1 Thermal Discharging	1 Thermal Discharging
STY062	506	'8042101_/_8042098_2'	10	10	10	1.5	0.9	10	4.96 No	0.9 Element Fault	0.9 Element Fault
STY062	507	'8086348_/_8110930_2'	10	10	10	1.5	1.6	10	4.96 No	1.5 Thermal Discharging	1.5 Thermal Discharging
STY062	508	'398743619_/_398743623'	6.67	6.67	6.67	1	0.6	6.67	3.3 No	0.6 Element Fault	0.6 Element Fault
STY062	509	'398743575_/_398743579'	10	10	10	1.5	0.9	10	4.96 No	0.9 Element Fault	0.9 Element Fault
STY062	510	'43741029_/_43741031'	3.33	3.33	3.33	0.5	0.45	3.33	1.65 No	0.45 Element Fault	0.45 Element Fault
STY062	511	'6490700_/_8110930_1'	10	10	10	1.5	1	10	4.96 No	1 Element Fault	1 Element Fault
STY062	512	'43929728_/_6504484'	6.67	6.67	6.67	1	1	6.67	3.3 No	1 Thermal Discharging	1 Thermal Discharging
STY062	513	'4515373_/_4515618'	6.67	6.67	6.67	1	1	6.67	3.3 No	1 Thermal Discharging	1 Thermal Discharging
STY062	514	'6490680_/_6490697'	10	10	10	1.5	1	10	4.96 No	1 Element Fault	1 Element Fault
STY062	515	'43738986_/_5563661'	3.33	3.33	3.33	0.5	0.47	3.33	1.65 No	0.47 Element Fault	0.47 Element Fault
STY062	516	'43739793_/_5565385'	6.67	6.67	6.67	1	1	6.67	3.3 No	1 Thermal Discharging	1 Thermal Discharging
STY062	517	'5578992_/_5578990'	3.33	3.33	3.33	0.5	0.45	3.33	1.65 No	0.45 Element Fault	0.45 Element Fault
STY062	518	'4498706_/_4498703'	3.33	3.33	3.33	0.5	0.5	3.33	1.65 No	0.5 Thermal Discharging	0.5 Thermal Discharging
STY062	519	'7765235_/_7765233_1'	10	10	10	1.5	1	10	4.96 No	1 Element Fault	1 Element Fault
STY062	520	'7326001_/_386045239'	5.6	10	10	1.5	1.5	10	4.96 No	1.5 Thermal Discharging	1.5 Thermal Discharging
STY062	521	'5575774_/_5575772'	3.33	3.33	3.33	0.5	0.5	3.33	1.65 No	0.5 Thermal Discharging	0.5 Thermal Discharging
STY062	522	'5566139_/_5566136'	3.33	3.33	3.33	0.5	0.5	3.33	1.65 No	0.5 Thermal Discharging	0.5 Thermal Discharging
STY062	523	'6490612_/_6490734'	6.67	6.67	6.67	1	0.67	6.67	3.3 No	0.67 Element Fault	0.67 Element Fault
STY062	524	'5565483_/_5565481'	10	10	10	1.5	1.4	10	4.96 No	1.4 Element Fault	1.4 Element Fault
STY062	525	'8356259_/_8663485_1'	10	10	10	1.5	0.9	10	4.96 No	0.9 Element Fault	0.9 Element Fault
STY062	526	'7765236_/_7765233_2'	10	10	10	1.5	1	10	4.96 No	1 Element Fault	1 Element Fault
STY062	527	'6490842_/_6490840'	6.67	6.67	6.67	1	1	6.67	3.3 No	1 Thermal Discharging	1 Thermal Discharging
STY062	528	'6501791_/_6504469'	6.67	6.67	6.67	1	1	6.67	3.3 No	1 Thermal Discharging	1 Thermal Discharging
STY062	529	'8663488_/_8663485_2'	10	10	10	1.5	0.9	10	4.96 No	0.9 Element Fault	0.9 Element Fault
STY062	530	'7765255_/_7765253_1'	6.67	6.67	6.67	1	0.6	6.67	3.3 No	0.6 Element Fault	0.6 Element Fault
STY062	531	'6490663_/_6490677'	10	10	10	1.5	1	10	4.96 No	1 Element Fault	1 Element Fault
STY062	532	'7405625_/_7405622'	6.67	6.67	6.67	1	0.6	6.67	3.3 No	0.6 Element Fault	0.6 Element Fault
STY062	533	'5565898_/_5579016'	3.33	3.33	3.33	0.5	0.45	3.33	1.65 No	0.45 Element Fault	0.45 Element Fault
STY062	534	'5563638_/_5563648'	3.33	3.33	3.33	0.5	0.47	3.33	1.65 No	0.47 Element Fault	0.47 Element Fault
STY062	535	'7765256_/_7765253_2'	6.67	6.67	6.67	1	0.6	6.67	3.3 No	0.6 Element Fault	0.6 Element Fault
STY062	536	'4486476_/_4498716'	3.33	3.33	3.33	0.5	0.5	3.33	1.65 No	0.5 Thermal Discharging	0.5 Thermal Discharging
STY062	537	'4515374_/_4515371'	3.33	3.33	3.33	0.5	0.5	3.33	1.65 No	0.5 Thermal Discharging	0.5 Thermal Discharging
STY062	538	'4486308_/_4515439'	3.33	3.33	3.33	0.5	0.5	3.33	1.65 No	0.5 Thermal Discharging	0.5 Thermal Discharging
STY062	539	'695700595_/_695700632'	3.33	3.33	3.33	0.5	0.47	3.33	1.65 No	0.47 Element Fault	0.47 Element Fault
STY062	540	'8663333_/_8663331'	10	10	10	1.5	0.9	10	4.96 No	0.9 Element Fault	0.9 Element Fault
STY062	541	'5578567_/_5578725'	3.33	3.33	3.33	0.5	0.5	3.33	1.65 No	0.5 Thermal Discharging	0.5 Thermal Discharging
STY062	542	'7405624_/_8663351'	10	10	10	1.5	0.9	10	4.96 No	0.9 Element Fault	0.9 Element Fault
STY062	543	'5565372_/_5565370'	6.67	6.67	6.67	1	1	6.67	3.3 No	1 Thermal Discharging	1 Thermal Discharging
STY062	544	'6490613_/_6490610'	6.67	6.67	6.67	1	0.67	6.67	3.3 No	0.67 Element Fault	0.67 Element Fault
STY062	545	'4515455_/_4515452'	1.9	3.33	3.33	0.5	0.5	3.33	1.65 No	0.5 Thermal Discharging	0.5 Thermal Discharging
STY062	546	'6490420_/_6490660'	10	10	10	1.5	1	10	4.96 No	1 Element Fault	1 Element Fault
STY062	547	'6490828_/_6501803'	6.67	6.67	6.67	1	1	6.67	3.3 No	1 Thermal Discharging	1 Thermal Discharging
STY062	548	'5563625_/_5563635'	3.33	3.33	3.33	0.5	0.47	3.33	1.65 No	0.47 Element Fault	0.47 Element Fault
STY062	549	'5578568_/_5578565'	3.33	3.33	3.33	0.5	0.5	3.33	1.65 No	0.5 Thermal Discharging	0.5 Thermal Discharging
STY062	550	'4486307_/_4486305'	3.33	3.33	3.33	0.5	0.5	3.33	1.65 No	0.5 Thermal Discharging	0.5 Thermal Discharging
STY062	551	'43739994_/_5565895'	3.33	3.33	3.33	0.5	0.45	3.33	1.65 No	0.45 Element Fault	0.45 Element Fault
STY062	552	'43523431_/_4515384'	1.63	3.33	3.33	0.5	0.5	3.33	1.65 No	0.5 Thermal Discharging	0.5 Thermal Discharging
STY062	553	'4486477_/_4486474'	1.73	3.33	3.33	0.5	0.5	3.33	1.65 No	0.5 Thermal Discharging	0.5 Thermal Discharging
STY062	554	'241666640_/_386045359'	4.1	10	10	1.5	1.5	10	4.96 No	1.5 Thermal Discharging	1.5 Thermal Discharging
STY062	555	'6490646_/_6490717'	10	10	10	1.5	1	10	4.96 No	1 Element Fault	1 Element Fault
STY062	556	'6501776_/_6501788'	6.67	6.67	6.67	1	1	6.67	3.3 No	1 Thermal Discharging	1 Thermal Discharging
STY062	557	'43740994_/_5578578'	3.33	3.33	3.33	0.5	0.5	3.33	1.65 No	0.5 Thermal Discharging	0.5 Thermal Discharging
STY062	558	'241712363_/_241712369'	4.1	10	10	1.5	1.5	10	4.96 No	1.5 Thermal Discharging	1.5 Thermal Discharging
STY062	559	'406059397_/_43740996'	3.33	3.33	3.33	0.5	0.5	3.33	1.65 No	0.5 Thermal Discharging	0.5 Thermal Discharging
STY062	560	'6490421_/_6490418'	3.33	3.33	3.33	0.5	0.33	3.33	1.65 No	0.33 Element Fault	0.33 Element Fault
STY062	561	'43927587_/_6490825'	6.67	6.67	6.67	1	1	6.67	3.3 No	1 Thermal Discharging	1 Thermal Discharging
STY062	562	'43740981_/_5578497'	3.33	3.33	3.33	0.5	0.5	3.33	1.65 No	0.5 Thermal Discharging	0.5 Thermal Discharging
STY062	563	'241666789_/_241666787'	2.73	6.67	6.67	1	1	6.67	3.3 No	1 Thermal Discharging	1 Thermal Discharging
STY062	564	'5578381_/_5578378'	3.33	3.33	3.33	0.5	0.5	3.33	1.65 No	0.5 Thermal Discharging	0.5 Thermal Discharging
STY062	565	'8042739_/_8356670'	10	10	10	1.5	0.9	10	4.96 No	0.9 Element Fault	0.9 Element Fault
STY062	566	'43927518_/_6490628'	6.67	6.67	6.67	1	0.67	6.67	3.3 No	0.67 Element Fault	0.67 Element Fault
STY062	567	'4515317_/_4515328'	3.33	3.33	3.33	0.5	0.5	3.33	1.65 No	0.5 Thermal Discharging	0.5 Thermal Discharging
STY062	568	'5578398_/_5578395'	3.33	3.33	3.33	0.5	0.5	3.33	1.65 No	0.5 Thermal Discharging	0.5 Thermal Discharging
STY062	569	'6490645_/_6490643'	10	10	10	1.5	1	10	4.96 No	1 Element Fault	1 Element Fault
STY062	570	'5565358_/_5574968'	6.67	6.67	6.67	1	1	6.67	3.3 No	1 Thermal Discharging	1 Thermal Discharging
STY062	571	'43531512_/_4515664'	1.33	3.33	3.33	0.5	0.5	3.33	1.65 No	0.5 Thermal Discharging	0.5 Thermal Discharging
STY062	572	'5565884_/_5565882'	1.8	3.33	3.33	0.5	0.45	3.33	1.65 No	0.45 Element Fault	0.45 Element Fault
STY062	573	'43738975_/_5563622'	3.33	3.33	3.33	0.5	0.47	3.33	1.65 No	0.47 Element Fault	0.47 Element Fault
STY062	574	'43523520_/_4515572'	1.43	3.33	3.33	0.5	0.5	3.33	1.65 No	0.5 Thermal Discharging	0.5 Thermal Discharging
STY062	575	'52970974_/_52970981'	3.33	3.33	3.33	0.5	0.47	3.33	1.65 No	0.47 Element Fault	0.47 Element Fault

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
STY062	576	'43523226_/7083156'	3.33	3.33	3.33	3.33	0.5	0.5	3.33	1.65 No	0.5 Thermal Discharging
STY062	577	'4486159_/4515315'	3.33	3.33	3.33	3.33	0.5	0.5	3.33	1.65 No	0.5 Thermal Discharging
STY062	578	'4508147_/4508144'	3.33	3.33	3.33	3.33	0.5	0.5	3.33	1.65 No	0.5 Thermal Discharging
STY062	579	'6490434_/6490431'	3.33	3.33	3.33	3.33	0.5	0.33	3.33	1.65 No	0.33 Element Fault
STY062	580	'6489958_/6492021'	10	10	10	10	1.5	1	10	4.96 No	1 Element Fault
STY062	581	'457030828_/457030836'	10	10	10	10	1.5	1	10	4.96 No	1 Element Fault
STY062	582	'6489518_/6489955'	10	10	10	10	1.5	1	10	4.96 No	1 Element Fault
STY062	583	'457030801_/457030809'	10	10	10	10	1.5	1	10	4.96 No	1 Element Fault
STY062	584	'6489539_/6489556'	10	10	10	10	1.5	1	10	4.96 No	1 Element Fault
STY062	585	'4515400_/43523433'	1.27	3.33	3.33	3.33	0.5	0.5	3.33	1.65 No	0.5 Thermal Discharging
STY062	586	'4516321_/4516318'	3.33	3.33	3.33	3.33	0.5	0.5	3.33	1.65 No	0.5 Thermal Discharging
STY062	587	'43927563_/43927565'	6.67	6.67	6.67	6.67	1	1	6.67	3.3 No	1 Thermal Discharging
STY062	588	'52970932_/52971000'	3.33	3.33	3.33	3.33	0.5	0.47	3.33	1.65 No	0.47 Element Fault
STY062	589	'6490981_/6490993'	6.67	6.67	6.67	6.67	1	1	6.67	3.3 No	1 Thermal Discharging
STY062	590	'6490473_/6490470'	3.33	3.33	3.33	3.33	0.5	0.33	3.33	1.65 No	0.33 Element Fault
STY062	591	'43927530_/6490444'	3.33	3.33	3.33	3.33	0.5	0.33	3.33	1.65 No	0.33 Element Fault
STY062	592	'5563599_/5563609'	3.33	3.33	3.33	3.33	0.5	0.47	3.33	1.65 No	0.47 Element Fault
STY062	593	'6489347_/6489536'	10	10	10	10	1.5	1	10	4.96 No	1 Element Fault
STY062	594	'6490631_/43927520'	6.67	6.67	6.67	6.67	1	0.67	6.67	3.3 No	0.67 Element Fault
STY062	595	'43739781_/5565355'	3.07	6.67	6.67	6.67	1	1	6.67	3.3 No	1 Thermal Discharging
STY062	596	'43523385_/4486157'	3.33	3.33	3.33	3.33	0.5	0.5	3.33	1.65 No	0.5 Thermal Discharging
STY062	597	'6489503_/6489515'	6.67	6.67	6.67	6.67	1	0.67	6.67	3.3 No	0.67 Element Fault
STY062	598	'5570516_/5570526'	1.37	3.33	3.33	3.33	0.5	0.45	3.33	1.65 No	0.45 Element Fault
STY062	599	'639885293_/595694050'	3.3	10	10	10	1.5	1.5	10	4.96 No	1.5 Thermal Discharging
STY062	600	'4538521_/43523522'	1.2	3.33	3.33	3.33	0.5	0.5	3.33	1.65 No	0.5 Thermal Discharging
STY062	601	'43927507_/6490483'	3.33	3.33	3.33	3.33	0.5	0.33	3.33	1.65 No	0.33 Element Fault
STY062	602	'38993773_/7641688_1'	1.2	3.33	3.33	3.33	0.5	0.3	3.33	1.65 No	0.3 Element Fault
STY062	603	'7641691_/7641688_2'	1.2	3.33	3.33	3.33	0.5	0.3	3.33	1.65 No	0.3 Element Fault
STY062	604	'6490963_/6490978'	3.07	6.67	6.67	6.67	1	1	6.67	3.3 No	1 Thermal Discharging
STY062	605	'43927552_/6501760'	3.33	3.33	3.33	3.33	0.5	0.5	3.33	1.65 No	0.5 Thermal Discharging
STY062	606	'43523442_/4515410'	1.07	3.33	3.33	3.33	0.5	0.5	3.33	1.65 No	0.5 Thermal Discharging
STY062	607	'43927496_/6492008'	3.33	3.33	3.33	3.33	0.5	0.33	3.33	1.65 No	0.33 Element Fault
STY062	608	'43531524_/43531514'	1.07	3.33	3.33	3.33	0.5	0.5	3.33	1.65 No	0.5 Thermal Discharging
STY062	609	'6492011_/8401220_1'	3.33	3.33	3.33	3.33	0.5	0.3	3.33	1.65 No	0.3 Element Fault
STY062	610	'43927346_/6489500'	6.67	6.67	6.67	6.67	1	0.67	6.67	3.3 No	0.67 Element Fault
STY062	611	'6504270_/6504267'	10	10	10	10	1.5	1	10	4.96 No	1 Element Fault
STY062	612	'45091171_/6490499'	3.33	3.33	3.33	3.33	0.5	0.33	3.33	1.65 No	0.33 Element Fault
STY062	613	'8401223_/8401220_2'	3.33	3.33	3.33	3.33	0.5	0.3	3.33	1.65 No	0.3 Element Fault
STY062	614	'43927297_/43927299'	3.33	3.33	3.33	3.33	0.5	0.33	3.33	1.65 No	0.33 Element Fault
STY062	615	'5563586_/5563596'	3.33	3.33	3.33	3.33	0.5	0.47	3.33	1.65 No	0.47 Element Fault
STY062	616	'4486173_/4486170'	3.33	3.33	3.33	3.33	0.5	0.5	3.33	1.65 No	0.5 Thermal Discharging
STY062	617	'9658519_/9658516'	3.33	3.33	3.33	3.33	0.5	0.3	3.33	1.65 No	0.3 Element Fault
STY062	618	'6495985_/6495982'	3.33	3.33	3.33	3.33	0.5	0.33	3.33	1.65 No	0.33 Element Fault
STY062	619	'6490962_/6490960'	2.6	6.67	6.67	6.67	1	1	6.67	3.3 No	1 Thermal Discharging
STY062	620	'6490754_/6490752'	3.33	3.33	3.33	3.33	0.5	0.5	3.33	1.65 No	0.5 Thermal Discharging
STY062	621	'44061015_/6504287'	10	10	10	10	1.5	1	10	4.96 No	1 Element Fault
STY062	622	'43739983_/43739985'	1.13	3.33	3.33	3.33	0.5	0.45	3.33	1.65 No	0.45 Element Fault
STY062	623	'5565328_/5565340'	2.4	6.67	6.67	6.67	1	1	6.67	3.3 No	1 Thermal Discharging
STY062	624	'43523447_/43523444'	0.97	3.33	3.33	3.33	0.5	0.5	3.33	1.65 No	0.5 Thermal Discharging
STY062	625	'6489362_/44061017_1'	10	10	10	10	1.5	1	10	4.96 No	1 Element Fault
STY062	626	'5565872_/5565869_2'	1.1	3.33	3.33	3.33	0.5	0.45	3.33	1.65 No	0.45 Element Fault
STY062	627	'43927308_/44061017_2'	10	10	10	10	1.5	1	10	4.96 No	1 Element Fault
STY062	628	'43927334_/6489485'	6.67	6.67	6.67	6.67	1	0.67	6.67	3.3 No	0.67 Element Fault
STY062	629	'6489321_/6489331'	3.33	3.33	3.33	3.33	0.5	0.33	3.33	1.65 No	0.33 Element Fault
STY062	630	'4515509_/4515693'	0.93	3.33	3.33	3.33	0.5	0.5	3.33	1.65 No	0.5 Thermal Discharging
STY062	631	'5563539_/5563583'	3.33	3.33	3.33	3.33	0.5	0.47	3.33	1.65 No	0.47 Element Fault
STY062	632	'45270774_/5565869_1'	1.03	3.33	3.33	3.33	0.5	0.45	3.33	1.65 No	0.45 Element Fault
STY062	633	'6502664_/6502662'	3.33	3.33	3.33	3.33	0.5	0.5	3.33	1.65 No	0.5 Thermal Discharging
STY062	634	'4486186_/4486183'	2.1	3.33	3.33	3.33	0.5	0.5	3.33	1.65 No	0.5 Thermal Discharging
STY062	635	'43927541_/6495995'	3.33	3.33	3.33	3.33	0.5	0.33	3.33	1.65 No	0.33 Element Fault
STY062	636	'6489363_/43927310'	5	10	10	10	1.5	1	10	4.96 No	1 Element Fault
STY062	637	'4515510_/4515507'	0.87	3.33	3.33	3.33	0.5	0.5	3.33	1.65 No	0.5 Thermal Discharging
STY062	638	'5565310_/5565325'	2.07	6.67	6.67	6.67	1	1	6.67	3.3 No	1 Thermal Discharging
STY062	639	'6489458_/6489470'	3.07	6.67	6.67	6.67	1	0.67	6.67	3.3 No	0.67 Element Fault
STY062	640	'595694053_/639885425'	2.7	10	10	10	1.5	1.5	10	4.96 No	1.5 Thermal Discharging
STY062	641	'8586099_/8586096'	0.9	3.33	3.33	3.33	0.5	0.3	3.33	1.65 No	0.3 Element Fault
STY062	642	'43927321_/6489377'	4.3	10	10	10	1.5	1	10	4.96 No	1 Element Fault
STY062	643	'43523396_/4486196'	1.83	3.33	3.33	3.33	0.5	0.5	3.33	1.65 No	0.5 Thermal Discharging
STY062	644	'44061028_/44061030'	3.33	3.33	3.33	3.33	0.5	0.33	3.33	1.65 No	0.33 Element Fault
STY062	645	'4515523_/43523500'	0.83	3.33	3.33	3.33	0.5	0.5	3.33	1.65 No	0.5 Thermal Discharging
STY062	646	'7326002_/386045394'	1.73	3.33	3.33	3.33	0.5	0.5	3.33	1.65 No	0.5 Thermal Discharging
STY062	647	'43927546_/43927543'	3.33	3.33	3.33	3.33	0.5	0.33	3.33	1.65 No	0.33 Element Fault
STY062	648	'43738964_/5563537'	3.33	3.33	3.33	3.33	0.5	0.47	3.33	1.65 No	0.47 Element Fault
STY062	649	'6489440_/6489455'	2.53	6.67	6.67	6.67	1	0.67	6.67	3.3 No	0.67 Element Fault
STY062	650	'43739769_/43739771'	1.8	6.67	6.67	6.67	1	1	6.67	3.3 No	1 Thermal Discharging
STY062	651	'7959879_/386045405'	1.03	3.33	3.33	3.33	0.5	0.5	3.33	1.65 No	0.5 Thermal Discharging
STY062	652	'4486212_/4486209'	1.63	3.33	3.33	3.33	0.5	0.5	3.33	1.65 No	0.5 Thermal Discharging
STY062	653	'6489427_/6489437'	2.27	6.67	6.67	6.67	1	0.67	6.67	3.3 No	0.67 Element Fault
STY062	654	'6489305_/6489318'	3.33	3.33	3.33	3.33	0.5	0.33	3.33	1.65 No	0.33 Element Fault
STY062	655	'4486225_/4486222'	1.57	3.33	3.33	3.33	0.5	0.5	3.33	1.65 No	0.5 Thermal Discharging
STY062	656	'398743663_/398743682'	3.33	3.33	3.33	3.33	0.5	0.3	3.33	1.65 No	0.3 Element Fault
STY062	657	'8585297_/241712406'	1.1	3.33	3.33	3.33	0.5	0.5	3.33	1.65 No	0.5 Thermal Discharging
STY062	658	'5563540_/43738966'	3.33	3.33	3.33	3.33	0.5	0.47	3.33	1.65 No	0.47 Element Fault
STY062	659	'43927275_/6489424'	1.17	3.33	3.33	3.33	0.5	0.33	3.33	1.65 No	0.33 Element Fault
STY062	660	'4486238_/4486235'	1.47	3.33	3.33	3.33	0.5	0.5	3.33	1.65 No	0.5 Thermal Discharging
STY062	661	'639885370_/639885376'	2.2	10	10	10	1.5	1.5	10	4.96 No	1.5 Thermal Discharging
STY062	662	'5565309_/5565307'	1.53	6.67	6.67	6.67	1	1	6.67	3.3 No	1 Thermal Discharging
STY062	663	'43927286_/43927288'	3.33	3.33	3.33	3.33	0.5	0.33	3.33	1.65 No	0.33 Element Fault
STY062	664	'6490368_/6491995'	1.17	3.33	3.33	3.33	0.5	0.33	3.33	1.65 No	0.33 Element Fault
STY062	665	'43523746_/4491728'	1.4	3.33	3.33	3.33	0.5	0.5	3.33	1.65 No	0.5 Thermal Discharging
STY062	666	'4486269_/4486266'	1.43	3.33	3.33	3.33	0.5	0.5	3.33	1.65 No	0.5 Thermal Discharging
STY062	667	'43738853_/5563550'	3.33	3.33	3.33	3.33	0.5	0.47	3.33	1.65 No	0.47 Element Fault
STY062	668	'6489304_/6489302'	3.33	3.33	3.33	3.33	0.5	0.33	3.33	1.65 No	0.33 Element Fault
STY062	669	'4486282_/4486279'	1.33	3.33	3.33	3.33	0.5	0.5	3.33	1.65 No	0.5 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
STY062	670	'7959933_/_595694096'	2.1	10	10	1.5	1.5	10	4.96 No	1.5	Thermal Discharging
STY062	671	'4487103_/_4487100'	1.3	3.33	3.33	0.5	0.5	3.33	1.65 No	0.5	Thermal Discharging
STY062	672	'6489413_/_6489411'	1.17	3.33	3.33	0.5	0.33	3.33	1.65 No	0.33	Element Fault
STY062	673	'6490369_/_6490366'	1.2	3.33	3.33	0.5	0.33	3.33	1.65 No	0.33	Element Fault
STY062	674	'5563553_/_43738855'	2.27	3.33	3.33	0.5	0.47	3.33	1.65 No	0.47	Element Fault
STY062	675	'8042137_/_9298828'	3.33	3.33	3.33	0.5	0.3	3.33	1.65 No	0.3	Element Fault
STY062	676	'4486295_/_4486292'	1.27	3.33	3.33	0.5	0.5	3.33	1.65 No	0.5	Thermal Discharging
STY062	677	'8042121_/_8042134_2'	3.33	3.33	3.33	0.5	0.3	3.33	1.65 No	0.3	Element Fault
STY062	678	'5564096_/_8042134_1'	3.33	3.33	3.33	0.5	0.3	3.33	1.65 No	0.3	Element Fault
STY062	679	'6490382_/_6490379'	1.2	3.33	3.33	0.5	0.33	3.33	1.65 No	0.33	Element Fault
STY062	680	'43523757_/_4487113'	1.2	3.33	3.33	0.5	0.5	3.33	1.65 No	0.5	Thermal Discharging
STY062	681	'43739073_/_5564094'	3.33	3.33	3.33	0.5	0.3	3.33	1.65 No	0.3	Element Fault
STY062	682	'4486357_/_4486354'	1.23	3.33	3.33	0.5	0.5	3.33	1.65 No	0.5	Thermal Discharging
STY062	683	'5574111_/_5574121'	3.33	3.33	3.33	0.5	0.3	3.33	1.65 No	0.3	Element Fault
STY062	684	'6503506_/_6503517'	1.2	3.33	3.33	0.5	0.33	3.33	1.65 No	0.33	Element Fault
STY062	685	'43740300_/_5570367'	1.8	3.33	3.33	0.5	0.47	3.33	1.65 No	0.47	Element Fault
STY062	686	'397207818_/_5575821'	1.8	3.33	3.33	0.5	0.47	3.33	1.65 No	0.47	Element Fault
STY062	687	'5563871_/_5563868'	3.33	3.33	3.33	0.5	0.3	3.33	1.65 No	0.3	Element Fault
STY062	688	'4486370_/_4486367'	1.2	3.33	3.33	0.5	0.5	3.33	1.65 No	0.5	Thermal Discharging
STY062	689	'397207832_/_8356614_1'	1.77	3.33	3.33	0.5	0.3	3.33	1.65 No	0.3	Element Fault
STY062	690	'6490395_/_6490392_1'	1.2	3.33	3.33	0.5	0.33	3.33	1.65 No	0.33	Element Fault
STY062	691	'43523762_/_43523759'	1.13	3.33	3.33	0.5	0.5	3.33	1.65 No	0.5	Thermal Discharging
STY062	692	'43740547_/_43740549'	3.33	3.33	3.33	0.5	0.3	3.33	1.65 No	0.3	Element Fault
STY062	693	'43927485_/_6490392_2'	1.2	3.33	3.33	0.5	0.33	3.33	1.65 No	0.33	Element Fault
STY062	694	'4515709_/_4515719'	1.17	3.33	3.33	0.5	0.5	3.33	1.65 No	0.5	Thermal Discharging
STY062	695	'7326150_/_241651943'	1.5	10	10	1.5	1.5	10	4.96 No	1.5	Primary Over-Voltage
STY062	696	'43927463_/_6503504'	1.23	3.33	3.33	0.5	0.33	3.33	1.65 No	0.33	Element Fault
STY062	697	'5574110_/_5574108'	3.33	3.33	3.33	0.5	0.3	3.33	1.65 No	0.3	Element Fault
STY062	698	'43523476_/_4515706'	1.1	3.33	3.33	0.5	0.5	3.33	1.65 No	0.5	Thermal Discharging
STY062	699	'4486383_/_4486380'	1.1	3.33	3.33	0.5	0.5	3.33	1.65 No	0.5	Thermal Discharging
STY062	700	'6503507_/_43927465'	1.23	3.33	3.33	0.5	0.33	3.33	1.65 No	0.33	Element Fault
STY062	701	'6490408_/_43927487'	1.23	3.33	3.33	0.5	0.33	3.33	1.65 No	0.33	Element Fault
STY062	702	'4486438_/_4486435'	1.07	3.33	3.33	0.5	0.5	3.33	1.65 No	0.5	Thermal Discharging
STY062	703	'43523779_/_4491715'	1.03	3.33	3.33	0.5	0.5	3.33	1.65 No	0.5	Thermal Discharging
STY062	704	'4515484_/_4515494'	1.03	3.33	3.33	0.5	0.5	3.33	1.65 No	0.5	Thermal Discharging
STY062	705	'6503533_/_6503530'	1.27	3.33	3.33	0.5	0.33	3.33	1.65 No	0.33	Element Fault
STY062	706	'4486451_/_4486448'	1	3.33	3.33	0.5	0.5	3.33	1.65 No	0.5	Thermal Discharging
STY062	707	'43523465_/_4515481'	1	3.33	3.33	0.5	0.5	3.33	1.65 No	0.5	Thermal Discharging
STY062	708	'4487145_/_4487197'	1	3.33	3.33	0.5	0.5	3.33	1.65 No	0.5	Thermal Discharging
STY062	709	'43523509_/_43523511'	0.97	3.33	3.33	0.5	0.5	3.33	1.65 No	0.5	Thermal Discharging
STY062	710	'8356617_/_8356614_2'	1.27	3.33	3.33	0.5	0.3	3.33	1.65 No	0.3	Element Fault
STY062	711	'43523464_/_4515465'	0.97	3.33	3.33	0.5	0.5	3.33	1.65 No	0.5	Thermal Discharging
STY062	712	'43523768_/_4487142'	0.93	3.33	3.33	0.5	0.5	3.33	1.65 No	0.5	Thermal Discharging
STY062	713	'4487158_/_4487155'	0.93	3.33	3.33	0.5	0.5	3.33	1.65 No	0.5	Thermal Discharging
STY062	714	'4515549_/_4515559'	0.93	3.33	3.33	0.5	0.5	3.33	1.65 No	0.5	Thermal Discharging
STY062	715	'43927474_/_6503543'	1.2	3.33	3.33	0.5	0.33	3.33	1.65 No	0.33	Element Fault
STY062	716	'4487213_/_4487210'	0.93	3.33	3.33	0.5	0.5	3.33	1.65 No	0.5	Thermal Discharging
STY062	717	'43532119_/_4539535'	0.9	3.33	3.33	0.5	0.5	3.33	1.65 No	0.5	Thermal Discharging
STY062	718	'4487226_/_4487223'	0.9	3.33	3.33	0.5	0.5	3.33	1.65 No	0.5	Thermal Discharging
STY062	719	'4539129_/_4539139'	0.9	3.33	3.33	0.5	0.5	3.33	1.65 No	0.5	Thermal Discharging
STY062	720	'4515536_/_4515546'	0.87	3.33	3.33	0.5	0.5	3.33	1.65 No	0.5	Thermal Discharging
STY062	721	'6503546_/_43927476'	1.1	3.33	3.33	0.5	0.33	3.33	1.65 No	0.33	Element Fault
STY062	722	'4515535_/_4515533'	0.87	3.33	3.33	0.5	0.5	3.33	1.65 No	0.5	Thermal Discharging
STY062	723	'4487239_/_4487236'	0.87	3.33	3.33	0.5	0.5	3.33	1.65 No	0.5	Thermal Discharging
STY062	724	'4539116_/_4539126'	0.83	3.33	3.33	0.5	0.5	3.33	1.65 No	0.5	Thermal Discharging
STY062	725	'4487170_/_43532121'	0.83	3.33	3.33	0.5	0.5	3.33	1.65 No	0.5	Thermal Discharging
STY062	726	'4487320_/_4487330'	0.83	3.33	3.33	0.5	0.5	3.33	1.65 No	0.5	Thermal Discharging
STY062	727	'8585265_/_241651904'	0.5	3.33	3.33	0.5	0.5	3.33	1.65 No	0.5	Primary Over-Voltage
STY062	728	'43523812_/_4487343'	0.8	3.33	3.33	0.5	0.5	3.33	1.65 No	0.5	Thermal Discharging
STY062	729	'43523801_/_4487317'	0.8	3.33	3.33	0.5	0.5	3.33	1.65 No	0.5	Thermal Discharging
STY062	730	'7326149_/_241651881'	0.5	3.33	3.33	0.5	0.5	3.33	1.65 No	0.5	Primary Over-Voltage
STY062	731	'43531952_/_4539113'	0.8	3.33	3.33	0.5	0.5	3.33	1.65 No	0.5	Thermal Discharging
STY062	732	'4487294_/_4487304'	0.8	3.33	3.33	0.5	0.5	3.33	1.65 No	0.5	Thermal Discharging
STY062	733	'4487171_/_4487168'	0.8	3.33	3.33	0.5	0.5	3.33	1.65 No	0.5	Thermal Discharging
STY062	734	'4464632_/_4464629'	0.77	3.33	3.33	0.5	0.5	3.33	1.65 No	0.5	Thermal Discharging
STY062	735	'43531951_/_4539097'	0.77	3.33	3.33	0.5	0.5	3.33	1.65 No	0.5	Thermal Discharging
STY062	736	'4487281_/_4487291'	0.77	3.33	3.33	0.5	0.5	3.33	1.65 No	0.5	Thermal Discharging
STY062	737	'43530855_/_4487181'	0.77	3.33	3.33	0.5	0.5	3.33	1.65 No	0.5	Thermal Discharging
STY062	738	'4464645_/_4464642'	0.73	3.33	3.33	0.5	0.5	3.33	1.65 No	0.5	Thermal Discharging
STY062	739	'4487268_/_4487278'	0.73	3.33	3.33	0.5	0.5	3.33	1.65 No	0.5	Thermal Discharging
STY062	740	'4487686_/_43530857'	0.73	3.33	3.33	0.5	0.5	3.33	1.65 No	0.5	Thermal Discharging
STY062	741	'43523790_/_43523792'	0.73	3.33	3.33	0.5	0.5	3.33	1.65 No	0.5	Thermal Discharging
STY062	742	'4487671_/_4487697'	0.7	3.33	3.33	0.5	0.5	3.33	1.65 No	0.5	Thermal Discharging
STY062	743	'45349702_/_4487249'	0.7	3.33	3.33	0.5	0.5	3.33	1.65 No	0.5	Thermal Discharging
STY062	744	'4487687_/_4487684'	0.7	3.33	3.33	0.5	0.5	3.33	1.65 No	0.5	Thermal Discharging
STY062	745	'7641007_/_241651801'	0.47	3.33	3.33	0.5	0.5	3.33	1.65 No	0.47	Primary Over-Voltage
STY062	746	'7641023_/_241651790'	0.47	3.33	3.33	0.5	0.5	3.33	1.65 No	0.47	Primary Over-Voltage
STY063	0	'STY063_/_7719338'	0.6	2.3	10	1.832	10	5.72	1.79 No	0.6	Primary Over-Voltage
STY063	1	'7719340_/_7719338'	0.6	2.3	10	1.832	10	5.71	1.79 No	0.6	Primary Over-Voltage
STY063	2	'8983512_/_8983529'	0.6	2.3	10	1.832	10	5.68	1.79 No	0.6	Primary Over-Voltage
STY063	3	'8663547_/_8983509'	0.6	2.3	10	1.832	10	5.65	1.79 No	0.6	Primary Over-Voltage
STY063	4	'103235661_/_8663545_1'	0.6	2.3	10	1.832	10	5.65	1.79 No	0.6	Primary Over-Voltage
STY063	5	'43739665_/_8663545_2'	0.6	2.3	10	1.832	10	5.64	1.79 No	0.6	Primary Over-Voltage
STY063	6	'5569169_/_5569837'	0.6	2.3	10	1.832	10	5.63	1.79 No	0.6	Primary Over-Voltage
STY063	7	'5573500_/_5573514'	0.6	2.3	10	1.832	10	5.62	1.79 No	0.6	Primary Over-Voltage
STY063	8	'5573483_/_5573497'	0.6	2.3	10	1.832	10	5.6	1.79 No	0.6	Primary Over-Voltage
STY063	9	'5569170_/_5569167'	0.6	2.3	10	1.832	10	5.6	1.79 No	0.6	Primary Over-Voltage
STY063	10	'5573466_/_5573480'	0.6	2.3	10	1.832	10	5.6	1.79 No	0.6	Primary Over-Voltage
STY063	11	'5573449_/_5573463'	0.6	2.3	10	1.832	10	5.59	1.79 No	0.6	Primary Over-Voltage
STY063	12	'5569187_/_5569184'	0.6	2.3	10	1.832	10	5.58	1.79 No	0.6	Primary Over-Voltage
STY063	13	'5573432_/_5573446'	0.6	2.3	10	1.832	10	5.57	1.79 No	0.6	Primary Over-Voltage
STY063	14	'5573415_/_5573429'	0.6	2.3	10	1.832	10	5.56	1.79 No	0.6	Primary Over-Voltage
STY063	15	'5574261_/_5574258'	0.6	2.3	10	1.832	10	5.55	1.79 No	0.6	Primary Over-Voltage
STY063	16	'5573398_/_5573412'	0.6	2.2	10	1.832	10	5.52	1.79 No	0.6	Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
STY063	17	'43740647_/_5574587'	0.6	2.2	10	1.832	10	5.52	1.79 No	0.6	Primary Over-Voltage
STY063	18	'5573381_/_5573395'	0.6	2.2	10	1.832	10	5.49	1.79 No	0.6	Primary Over-Voltage
STY063	19	'70127798_/_43740649_1'	0.6	2.2	10	1.832	10	5.48	1.79 No	0.6	Primary Over-Voltage
STY063	20	'5573364_/_5573378'	0.6	2.2	10	1.832	10	5.45	1.79 No	0.6	Primary Over-Voltage
STY063	21	'5574524_/_5574624'	0.6	2.2	10	1.832	10	5.45	1.79 No	0.6	Primary Over-Voltage
STY063	22	'43740634_/_5574522'	0.6	2.2	10	1.832	10	5.43	1.79 No	0.6	Primary Over-Voltage
STY063	23	'5573347_/_5573361'	0.6	2.2	10	1.832	10	5.42	1.79 No	0.6	Primary Over-Voltage
STY063	24	'5574491_/_5574505'	0.6	2.2	10	1.832	10	5.42	1.79 No	0.6	Primary Over-Voltage
STY063	25	'5574490_/_5574488'	0.6	2.2	10	1.832	10	5.39	1.79 No	0.6	Primary Over-Voltage
STY063	26	'5573330_/_5573344'	0.6	2.2	10	1.832	10	5.38	1.79 No	0.6	Primary Over-Voltage
STY063	27	'5573313_/_5573327'	0.6	2.2	10	1.832	10	5.35	1.79 No	0.6	Primary Over-Voltage
STY063	28	'5574815_/_5574813'	0.6	2.2	10	1.832	10	5.34	1.79 No	0.6	Primary Over-Voltage
STY063	29	'8663826_/_9299360_1'	0.6	2.2	10	1.832	3.5	5.34	1.79 No	0.6	Primary Over-Voltage
STY063	30	'5573296_/_5573310'	0.6	2.2	10	1.832	10	5.33	1.79 No	0.6	Primary Over-Voltage
STY063	31	'599783295_/_5576467_2'	0.6	2.2	10	1.832	10	5.32	1.79 No	0.6	Primary Over-Voltage
STY063	32	'599783555_/_599783293_1'	0.6	2.2	10	1.832	1.5	5.32	1.79 No	0.6	Primary Over-Voltage
STY063	33	'599783611_/_599783293_2'	0.6	2.2	10	1.832	1.5	5.31	1.79 No	0.6	Primary Over-Voltage
STY063	34	'599783296_/_599783293_3'	0.6	2.2	10	1.832	1.5	5.31	1.79 No	0.6	Primary Over-Voltage
STY063	35	'5573295_/_5573293'	0.6	2.2	10	1.832	10	5.3	1.79 No	0.6	Primary Over-Voltage
STY063	36	'5576308_/_5576467_1'	0.6	2.2	10	1.832	10	5.3	1.79 No	0.6	Primary Over-Voltage
STY063	37	'599783329_/_599783345'	0.6	2.2	10	1.832	1.5	5.3	1.79 No	0.6	Primary Over-Voltage
STY063	38	'5572643_/_5573826'	0.6	2.1	10	1.832	10	5.26	1.79 No	0.6	Primary Over-Voltage
STY063	39	'5576223_/_5576305'	0.6	2.2	10	1.832	10	5.26	1.79 No	0.6	Primary Over-Voltage
STY063	40	'5576222_/_5576220'	0.6	2.2	10	1.832	10	5.25	1.79 No	0.6	Primary Over-Voltage
STY063	41	'43740775_/_5576325'	0.6	2.2	10	1.832	10	5.25	1.79 No	0.6	Primary Over-Voltage
STY063	42	'5567441_/_5572640'	0.6	2.1	10	1.832	10	5.23	1.79 No	0.6	Primary Over-Voltage
STY063	43	'5576328_/_43740777'	0.6	2.2	10	1.832	10	5.23	1.79 No	0.6	Primary Over-Voltage
STY063	44	'5576256_/_5576254'	0.6	2.2	10	1.832	10	5.23	1.79 No	0.6	Primary Over-Voltage
STY063	45	'5576240_/_145816020'	0.6	2.2	10	1.832	10	5.21	1.79 No	0.6	Primary Over-Voltage
STY063	46	'5567424_/_5567438'	0.6	2.1	10	1.832	10	5.21	1.79 No	0.6	Primary Over-Voltage
STY063	47	'5567407_/_5567421'	0.6	2.1	10	1.832	10	5.18	1.79 No	0.6	Primary Over-Voltage
STY063	48	'5576239_/_5576237'	0.6	2.2	10	1.832	10	5.18	1.79 No	0.6	Primary Over-Voltage
STY063	49	'43740762_/_5576524'	0.6	2.1	10	1.832	10	5.13	1.79 No	0.6	Primary Over-Voltage
STY063	50	'5564135_/_5567404'	0.6	2.1	10	1.832	10	5.13	1.79 No	0.6	Primary Over-Voltage
STY063	51	'5567126_/_5567140'	0.6	2.1	10	1.832	10	5.12	1.79 No	0.6	Primary Over-Voltage
STY063	52	'69081243_/_69081216'	0.6	2.1	10	1.832	10	5.11	1.79 No	0.6	Primary Over-Voltage
STY063	53	'68563429_/_69081245_1'	0.6	2.1	10	1.832	3.1	5.1	1.79 No	0.6	Primary Over-Voltage
STY063	54	'5574732_/_5576501'	0.6	2.1	10	1.832	10	5.11	1.79 No	0.6	Primary Over-Voltage
STY063	55	'69081248_/_69081245_2'	0.6	2.1	10	1.832	3.1	5.1	1.79 No	0.6	Primary Over-Voltage
STY063	56	'43740660_/_5574729'	0.6	2.1	10	1.832	10	5.1	1.79 No	0.6	Primary Over-Voltage
STY063	57	'5567109_/_5567123'	0.6	2.1	10	1.832	10	5.09	1.79 No	0.6	Primary Over-Voltage
STY063	58	'5564060_/_69081274'	0.6	2.1	10	1.832	3.1	5.08	1.79 No	0.6	Primary Over-Voltage
STY063	59	'5564077_/_69081299'	0.6	2.1	10	1.832	3.1	5.06	1.79 No	0.6	Primary Over-Voltage
STY063	60	'5574473_/_5574471'	0.6	2.1	10	1.832	10	5.07	1.79 No	0.6	Primary Over-Voltage
STY063	61	'9299363_/_9299360_2'	0.6	2.1	10	1.832	3.5	5.12	1.79 No	0.6	Primary Over-Voltage
STY063	62	'8356218_/_9298884_1'	0.6	2.1	10	1.832	2.1	5.05	1.79 No	0.6	Primary Over-Voltage
STY063	63	'7406398_/_8042776'	0.6	2.1	10	1.832	3.1	5.06	1.79 No	0.6	Primary Over-Voltage
STY063	64	'5567092_/_5567106'	0.6	2.1	10	1.832	10	5.05	1.79 No	0.6	Primary Over-Voltage
STY063	65	'5574541_/_5574539'	0.6	2.1	10	1.832	10	5.04	1.79 No	0.6	Primary Over-Voltage
STY063	66	'9299382_/_9299380'	0.6	2.1	10	1.832	3.5	5.1	1.75 No	0.6	Primary Over-Voltage
STY063	67	'5574794_/_5574802'	0.6	2.1	10	1.832	10	5.02	1.79 No	0.6	Primary Over-Voltage
STY063	68	'5567075_/_5567089'	0.6	2	10	1.832	10	5.02	1.79 No	0.6	Primary Over-Voltage
STY063	69	'5574748_/_5574791'	0.6	2.1	10	1.832	10	5.01	1.79 No	0.6	Primary Over-Voltage
STY063	70	'7406174_/_9299400'	0.6	2.1	10	1.832	3.5	5.07	1.79 No	0.6	Primary Over-Voltage
STY063	71	'5575322_/_5575336_1'	0.6	2.1	10	1.832	1.5	5	1.79 No	0.6	Primary Over-Voltage
STY063	72	'5574762_/_5574777'	0.6	2.1	10	1.832	10	4.99	1.79 No	0.6	Primary Over-Voltage
STY063	73	'5567058_/_5567072'	0.6	2	10	1.832	10	4.99	1.79 No	0.6	Primary Over-Voltage
STY063	74	'75829721_/_5574760_1'	0.6	2.1	10	1.832	10	4.99	1.79 No	0.6	Primary Over-Voltage
STY063	75	'7406175_/_7406172'	0.6	2.1	10	1.832	3.5	5.06	1.79 No	0.6	Primary Over-Voltage
STY063	76	'5574763_/_5574760_2'	0.6	2.1	10	1.832	10	4.99	1.79 No	0.6	Primary Over-Voltage
STY063	77	'445057703_/_445057626_1'	0.6	2.1	10	1.832	1.6	4.98	1.79 No	0.6	Primary Over-Voltage
STY063	78	'92376912_/_488693198_2'	0.6	2.1	10	1.832	5.5	4.97	1.79 No	0.6	Primary Over-Voltage
STY063	79	'5567041_/_5567055'	0.6	2	10	1.832	10	4.97	1.79 No	0.6	Primary Over-Voltage
STY063	80	'43740358_/_5575336_2'	0.6	2.1	10	1.832	1.5	4.98	1.79 No	0.6	Primary Over-Voltage
STY063	81	'488693194_/_488693198_1'	0.6	2.1	10	1.832	3.4	4.96	1.79 No	0.6	Primary Over-Voltage
STY063	82	'5567024_/_5567038'	0.6	2	10	1.832	10	4.95	1.79 No	0.6	Primary Over-Voltage
STY063	83	'7406399_/_7406396'	0.6	2	10	1.832	1.6	4.96	1.79 No	0.6	Primary Over-Voltage
STY063	84	'5567007_/_5567021'	0.6	2	10	1.832	10	4.93	1.79 No	0.6	Primary Over-Voltage
STY063	85	'445057607_/_445057626_2'	0.6	2.1	10	1.832	1.6	4.92	1.79 No	0.6	Primary Over-Voltage
STY063	86	'5566990_/_5567004'	0.6	2	10	1.832	10	4.9	1.79 No	0.6	Primary Over-Voltage
STY063	87	'5575339_/_43740360'	0.6	2.1	10	1.832	1.5	4.91	1.79 No	0.6	Primary Over-Voltage
STY063	88	'5566970_/_5566987'	0.6	2	10	1.832	10	4.88	1.79 No	0.6	Primary Over-Voltage
STY063	89	'5566969_/_5566967'	0.6	2	10	1.832	10	4.86	1.79 No	0.6	Primary Over-Voltage
STY063	90	'5579464_/_5579785'	0.6	2	10	1.832	10	4.84	1.79 No	0.6	Primary Over-Voltage
STY063	91	'5579754_/_5579768'	0.6	2	10	1.832	10	4.82	1.79 No	0.6	Primary Over-Voltage
STY063	92	'5579804_/_5579751'	0.6	2	10	1.832	10	4.81	1.79 No	0.6	Primary Over-Voltage
STY063	93	'5579822_/_5579819'	0.6	2	10	1.832	10	4.8	1.79 No	0.6	Primary Over-Voltage
STY063	94	'5579839_/_5579836'	0.6	2	10	1.832	10	4.79	1.79 No	0.6	Primary Over-Voltage
STY063	95	'5575359_/_5575356'	0.6	2	10	1.832	1.5	4.83	1.79 No	0.6	Primary Over-Voltage
STY063	96	'8984030_/_8984027'	0.6	2	10	1.832	1.6	4.83	1.79 No	0.6	Primary Over-Voltage
STY063	97	'488693227_/_488693259'	0.6	2	10	1.832	3.4	4.81	1.79 No	0.6	Primary Over-Voltage
STY063	98	'5579856_/_5579853'	0.6	2	10	1.832	10	4.77	1.79 No	0.6	Primary Over-Voltage
STY063	99	'352052801_/_64728893_1'	0.6	2	10	1.832	1.7	4.77	1.79 No	0.6	Primary Over-Voltage
STY063	100	'63272092_/_9298884_2'	0.6	2	10	1.832	2.1	4.81	1.79 No	0.6	Primary Over-Voltage
STY063	101	'5579737_/_5579870'	0.6	2	10	1.832	10	4.74	1.79 No	0.6	Primary Over-Voltage
STY063	102	'154693232_/_64728847_2'	0.6	2	10	1.832	5.5	4.74	1.79 No	0.6	Primary Over-Voltage
STY063	103	'5579717_/_5579734'	0.6	1.9	10	1.832	10	4.71	1.79 No	0.6	Primary Over-Voltage
STY063	104	'453055629_/_453055648'	0.6	2	10	1.832	1.6	4.77	1.79 No	0.6	Primary Over-Voltage
STY063	105	'5575376_/_5575373'	0.6	2	10	1.832	1.5	4.76	1.79 No	0.6	Primary Over-Voltage
STY063	106	'7719626_/_8664055'	0.6	1.9	10	1.832	5.4	4.7	1.79 No	0.6	Primary Over-Voltage
STY063	107	'39451769_/_9058347'	0.6	2	10	1.832	3.5	4.82	1.79 No	0.6	Primary Over-Voltage
STY063	108	'5566953_/_5579714'	0.6	1.9	10	1.832	10	4.69	1.79 No	0.6	Primary Over-Voltage
STY063	109	'69027648_/_69027700'	0.6	2	10	1.832	2.1	4.74	1.79 No	0.6	Primary Over-Voltage
STY063	110	'5566933_/_5566950'	0.6	1.9	10	1.832	10	4.66	1.79 No	0.6	Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
STY063	111	'7719627_/_7719624'	0.6	1.9	10	1.832	1.5	4.66	1.79 No	0.6	Primary Over-Voltage
STY063	112	'7719646_/_9610955'	0.6	1.9	10	1.832	1.6	4.72	1.79 No	0.6	Primary Over-Voltage
STY063	113	'7405584_/_7405582_1'	0.6	1.9	10	1.832	1.5	4.64	1.79 No	0.6	Primary Over-Voltage
STY063	114	'5566913_/_5566930'	0.6	1.9	10	1.832	10	4.63	1.79 No	0.6	Primary Over-Voltage
STY063	115	'63272206_/_63272226'	0.6	1.9	10	1.832	2.1	4.7	1.79 No	0.6	Primary Over-Voltage
STY063	116	'373644913_/_373644915'	0.6	1.9	10	1.832	10	4.61	1.79 No	0.6	Primary Over-Voltage
STY063	117	'37807291_/_5575390'	0.6	2	10	1.832	1.5	4.7	1.79 No	0.6	Primary Over-Voltage
STY063	118	'5566876_/_5566910'	0.6	1.9	10	1.832	10	4.61	1.79 No	0.6	Primary Over-Voltage
STY063	119	'488693159_/_488693243'	0.6	2	10	1.832	3.4	4.68	1.79 No	0.6	Primary Over-Voltage
STY063	120	'7405585_/_7405582_2'	0.6	1.9	10	1.832	1.5	4.61	1.79 No	0.6	Primary Over-Voltage
STY063	121	'64728861_/_64728893_2'	0.6	1.9	10	1.832	1.7	4.64	1.79 No	0.6	Primary Over-Voltage
STY063	122	'5566875_/_5566873'	0.6	1.9	10	1.832	10	4.59	1.79 No	0.6	Primary Over-Voltage
STY063	123	'35886063_/_5575407'	0.6	2	10	1.832	1.5	4.68	1.79 No	0.6	Primary Over-Voltage
STY063	124	'5566855_/_5572623'	0.6	1.9	10	1.832	10	4.57	1.79 No	0.6	Primary Over-Voltage
STY063	125	'5566856_/_5566853'	0.6	1.9	10	1.832	10	4.57	1.79 No	0.6	Primary Over-Voltage
STY063	126	'69027654_/_63272213'	0.6	1.9	10	1.832	2.1	4.66	1.79 No	0.6	Primary Over-Voltage
STY063	127	'8042423_/_9610547'	0.6	2	10	1.832	3.4	4.64	1.79 No	0.6	Primary Over-Voltage
STY063	128	'5567194_/_5572603'	0.6	1.9	10	1.832	10	4.55	1.79 No	0.6	Primary Over-Voltage
STY063	129	'8356357_/_8983649'	0.4	1.33	6.67	1.224	2.27	3.09	1.79 No	0.4	Primary Over-Voltage
STY063	130	'64728815_/_64728847_1'	0.6	1.9	10	1.832	3.4	4.59	1.79 No	0.6	Primary Over-Voltage
STY063	131	'359902312_/_359902331'	0.6	1.9	10	1.832	1.5	4.56	1.79 No	0.6	Primary Over-Voltage
STY063	132	'5567177_/_5567191'	0.5	1.9	10	1.832	10	4.53	1.79 No	0.5	Primary Over-Voltage
STY063	133	'5567160_/_5567174'	0.5	1.9	10	1.832	10	4.52	1.79 No	0.5	Primary Over-Voltage
STY063	134	'9610529_/_444634479'	0.6	2	10	1.832	3.4	4.6	1.79 No	0.6	Primary Over-Voltage
STY063	135	'5567159_/_5567157'	0.5	1.9	10	1.832	10	4.5	1.79 No	0.5	Primary Over-Voltage
STY063	136	'8042383_/_8356354'	0.6	2	10	1.832	3.4	4.59	1.79 No	0.6	Primary Over-Voltage
STY063	137	'5566893_/_5567211'	0.5	1.9	10	1.832	10	4.49	1.79 No	0.5	Primary Over-Voltage
STY063	138	'5535266_/_5535263_2'	0.5	1.9	10	1.832	10	4.47	1.79 No	0.5	Primary Over-Voltage
STY063	139	'63272110_/_63272135'	0.6	1.9	10	1.832	2.1	4.57	1.79 No	0.6	Primary Over-Voltage
STY063	140	'465006880_/_49445093'	0.6	1.9	10	1.832	3.5	4.62	1.79 No	0.6	Primary Over-Voltage
STY063	141	'37922993_/_7719644'	0.6	1.9	10	1.832	1.6	4.56	1.79 No	0.6	Primary Over-Voltage
STY063	142	'37922973_/_37922991'	0.6	1.9	10	1.832	1.6	4.56	1.79 No	0.6	Primary Over-Voltage
STY063	143	'37922980_/_37922984'	0.6	1.9	10	1.832	1.6	4.56	1.79 No	0.6	Primary Over-Voltage
STY063	144	'37922966_/_37922970'	0.6	1.9	10	1.832	1.6	4.56	1.79 No	0.6	Primary Over-Voltage
STY063	145	'37923000_/_37922998'	0.6	1.9	10	1.832	1.6	4.56	1.79 No	0.6	Primary Over-Voltage
STY063	146	'5535249_/_5535263_1'	0.5	1.9	10	1.832	10	4.43	1.79 No	0.5	Primary Over-Voltage
STY063	147	'5535248_/_5535246'	0.5	1.8	10	1.832	10	4.41	1.79 No	0.5	Primary Over-Voltage
STY063	148	'326847994_/_326848062'	0.6	1.9	10	1.832	2.1	4.51	1.79 No	0.6	Primary Over-Voltage
STY063	149	'5535229_/_5570493'	0.5	1.8	10	1.832	10	4.38	1.79 No	0.5	Primary Over-Voltage
STY063	150	'465006914_/_465006959'	0.6	1.9	10	1.832	3.5	4.55	1.79 No	0.6	Primary Over-Voltage
STY063	151	'8124715_/_70127858'	0.4	1.27	6.67	1.224	1.07	3	1.19 No	0.4	Primary Over-Voltage
STY063	152	'7406383_/_8664107'	0.6	1.9	10	1.832	1.6	4.5	1.79 No	0.6	Primary Over-Voltage
STY063	153	'8356752_/_64728864'	0.6	1.9	10	1.832	1.7	4.45	1.79 No	0.6	Primary Over-Voltage
STY063	154	'5535228_/_5535226'	0.5	1.8	10	1.832	10	4.36	1.79 No	0.5	Primary Over-Voltage
STY063	155	'346944123_/_8356750_1'	0.6	1.8	10	1.832	1.6	4.44	1.79 No	0.6	Primary Over-Voltage
STY063	156	'51744550_/_51744557'	0.6	1.9	10	1.832	2.1	4.46	1.79 No	0.6	Primary Over-Voltage
STY063	157	'5562452_/_5570473'	0.5	1.8	10	1.832	10	4.32	1.79 No	0.5	Primary Over-Voltage
STY063	158	'5562451_/_5562449'	0.5	1.8	10	1.832	10	4.3	1.79 No	0.5	Primary Over-Voltage
STY063	159	'470667511_/_465006933'	0.6	1.9	10	1.832	3.5	4.48	1.79 No	0.6	Primary Over-Voltage
STY063	160	'5575661_/_5575675'	0.5	1.8	10	1.832	10	4.28	1.79 No	0.5	Primary Over-Voltage
STY063	161	'5570440_/_5570437'	0.17	0.6	3.33	0.608	1.5	1.43	0.6 No	0.17	Primary Over-Voltage
STY063	162	'5575644_/_5575658'	0.5	1.8	10	1.832	10	4.27	1.79 No	0.5	Primary Over-Voltage
STY063	163	'40667799_/_465006850'	0.6	1.9	10	1.832	3.5	4.45	1.79 No	0.6	Primary Over-Voltage
STY063	164	'326847930_/_326847935'	0.6	1.8	10	1.832	2.1	4.4	1.79 No	0.6	Primary Over-Voltage
STY063	165	'43738864_/_5575641'	0.5	1.8	10	1.832	10	4.25	1.79 No	0.5	Primary Over-Voltage
STY063	166	'7405564_/_8983319'	0.6	1.8	10	1.832	3.4	4.34	1.79 No	0.6	Primary Over-Voltage
STY063	167	'8124714_/_8124712'	0.6	1.8	10	1.832	1.6	4.39	1.79 No	0.6	Primary Over-Voltage
STY063	168	'5575626_/_5575624'	0.5	1.8	10	1.832	10	4.24	1.79 No	0.5	Primary Over-Voltage
STY063	169	'8438785_/_8438783'	0.6	1.8	10	1.832	1.6	4.38	1.79 No	0.6	Primary Over-Voltage
STY063	170	'326847886_/_326847974'	0.6	1.8	10	1.832	2.1	4.37	1.79 No	0.6	Primary Over-Voltage
STY063	171	'43740800_/_43740802'	0.5	1.8	10	1.832	10	4.22	1.79 No	0.5	Primary Over-Voltage
STY063	172	'5576655_/_5576722_1'	0.5	1.8	10	1.832	10	4.2	1.79 No	0.5	Primary Over-Voltage
STY063	173	'5576635_/_5577615'	0.5	1.8	10	1.832	9.3	4.2	1.79 No	0.5	Primary Over-Voltage
STY063	174	'5575567_/_5576652'	0.5	1.8	10	1.832	10	4.18	1.79 No	0.5	Primary Over-Voltage
STY063	175	'9393867_/_9393864'	0.6	1.8	10	1.832	1.6	4.34	1.79 No	0.6	Primary Over-Voltage
STY063	176	'43738817_/_5576632'	0.5	1.8	10	1.832	9.3	4.17	1.79 No	0.5	Primary Over-Voltage
STY063	177	'6503596_/_7098997'	0.5	1.8	10	1.832	10	4.16	1.79 No	0.5	Primary Over-Voltage
STY063	178	'434469710_/_434469714'	0.6	1.9	10	1.832	3.4	4.3	1.79 No	0.6	Primary Over-Voltage
STY063	179	'434469608_/_434469778'	0.6	1.9	10	1.832	3.4	4.3	1.79 No	0.6	Primary Over-Voltage
STY063	180	'434469583_/_434469605'	0.6	1.9	10	1.832	3.4	4.3	1.79 No	0.6	Primary Over-Voltage
STY063	181	'434469592_/_434469589'	0.6	1.9	10	1.832	3.4	4.3	1.79 No	0.6	Primary Over-Voltage
STY063	182	'434469600_/_434469597'	0.6	1.9	10	1.832	3.4	4.3	1.79 No	0.6	Primary Over-Voltage
STY063	183	'434469584_/_434469581'	0.6	1.9	10	1.832	3.4	4.3	1.79 No	0.6	Primary Over-Voltage
STY063	184	'6503579_/_6503593'	0.5	1.8	10	1.832	10	4.14	1.79 No	0.5	Primary Over-Voltage
STY063	185	'8042678_/_326847891'	0.6	1.8	10	1.832	2.1	4.3	1.79 No	0.6	Primary Over-Voltage
STY063	186	'5577730_/_5577728'	0.5	1.8	10	1.832	9.3	4.15	1.79 No	0.5	Primary Over-Voltage
STY063	187	'6494185_/_6503576'	0.5	1.8	10	1.832	10	4.13	1.79 No	0.5	Primary Over-Voltage
STY063	188	'434469668_/_434469750'	0.6	1.9	10	1.832	3.4	4.29	1.79 No	0.6	Primary Over-Voltage
STY063	189	'8124735_/_9705864'	0.6	1.8	10	1.832	1.6	4.29	1.79 No	0.6	Primary Over-Voltage
STY063	190	'43929538_/_7098980'	0.5	1.8	10	1.832	9.3	4.13	1.79 No	0.5	Primary Over-Voltage
STY063	191	'6494168_/_6494182'	0.5	1.7	10	1.832	10	4.11	1.79 No	0.5	Primary Over-Voltage
STY063	192	'8042621_/_9610679'	0.6	1.8	10	1.832	3.4	4.26	1.79 No	0.6	Primary Over-Voltage
STY063	193	'6503613_/_6503647'	0.5	1.7	10	1.832	9.3	4.11	1.79 No	0.5	Primary Over-Voltage
STY063	194	'6494151_/_6494165'	0.5	1.7	10	1.832	10	4.1	1.79 No	0.5	Primary Over-Voltage
STY063	195	'6503559_/_6503610'	0.5	1.7	10	1.832	9.3	4.11	1.79 No	0.5	Primary Over-Voltage
STY063	196	'8042620_/_8042618'	0.4	1.2	6.67	1.224	2.27	2.84	1.19 No	0.4	Primary Over-Voltage
STY063	197	'7719515_/_8983775'	0.6	1.8	10	1.832	3.4	4.25	1.79 No	0.6	Primary Over-Voltage
STY063	198	'6494134_/_6494148'	0.5	1.7	10	1.832	10	4.08	1.79 No	0.5	Primary Over-Voltage
STY063	199	'7406058_/_145511017'	0.6	1.8	10	1.832	3.4	4.24	1.79 No	0.6	Primary Over-Voltage
STY063	200	'52353072_/_52353078'	0.6	1.8	10	1.832	2.1	4.24	1.79 No	0.6	Primary Over-Voltage
STY063	201	'6494117_/_6494131'	0.5	1.7	10	1.832	10	4.07	1.79 No	0.5	Primary Over-Voltage
STY063	202	'8124734_/_8124732'	0.6	1.8	10	1.832	1.6	4.24	1.79 No	0.6	Primary Over-Voltage
STY063	203	'6490261_/_6503556'	0.5	1.7	10	1.832	7.1	4.08	1.79 No	0.5	Primary Over-Voltage
STY063	204	'6494116_/_6494114'	0.5	1.7	10	1.832	10	4.05	1.79 No	0.5	Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
STY063	205	'39451780_/_50347943'	0.6		1.8	10	1.832	3.5	4.26	1.79 No	0.6 Primary Over-Voltage
STY063	206	'43927371_/_43927373'	0.5		1.7	10	1.832	7.1	4.06	1.79 No	0.5 Primary Over-Voltage
STY063	207	'52353285_/_52353292'	0.6		1.8	10	1.832	2.1	4.21	1.79 No	0.6 Primary Over-Voltage
STY063	208	'6494286_/_6494284'	0.5		1.7	10	1.832	7.6	4.03	1.79 No	0.5 Primary Over-Voltage
STY063	209	'7405565_/_7405562'	0.6		1.8	10	1.832	3.4	4.15	1.79 No	0.6 Primary Over-Voltage
STY063	210	'6490227_/_6490241'	0.5		1.7	10	1.832	7.1	4.03	1.79 No	0.5 Primary Over-Voltage
STY063	211	'6494994_/_6495008'	0.5		1.7	10	1.832	7.6	4.01	1.79 No	0.5 Primary Over-Voltage
STY063	212	'52353105_/_52353313'	0.6		1.8	10	1.832	2.1	4.18	1.79 No	0.6 Primary Over-Voltage
STY063	213	'6490226_/_6490224'	0.5		1.7	10	1.832	7.1	4.01	1.79 No	0.5 Primary Over-Voltage
STY063	214	'43927358_/_43927360'	0.5		1.7	10	1.832	7.1	3.99	1.79 No	0.5 Primary Over-Voltage
STY063	215	'6495857_/_6495884'	0.5		1.7	10	1.832	7.6	3.97	1.79 No	0.5 Primary Over-Voltage
STY063	216	'9299282_/_9371794'	0.6		1.8	10	1.832	3.5	4.17	1.79 No	0.6 Primary Over-Voltage
STY063	217	'6490206_/_6490204'	0.5		1.7	10	1.832	7.1	3.96	1.79 No	0.5 Primary Over-Voltage
STY063	218	'6498114_/_6498112'	0.5		1.7	10	1.832	7.1	3.96	1.79 No	0.5 Primary Over-Voltage
STY063	219	'43926665_/_6497132'	0.5		1.7	10	1.832	7.6	3.94	1.79 No	0.5 Primary Over-Voltage
STY063	220	'6498477_/_6498475'	0.5		1.7	10	1.832	7.1	3.94	1.79 No	0.5 Primary Over-Voltage
STY063	221	'6494995_/_6494992'	0.17		0.57	3.33	0.608	1.1	1.31	0.6 No	0.17 Primary Over-Voltage
STY063	222	'6497394_/_6498563'	0.5		1.7	10	1.832	7.1	3.92	1.79 No	0.5 Primary Over-Voltage
STY063	223	'370994189_/_7406056'	0.6		1.8	10	1.832	3.4	4.08	1.79 No	0.6 Primary Over-Voltage
STY063	224	'6497374_/_6497391'	0.5		1.7	10	1.832	7.1	3.92	1.79 No	0.5 Primary Over-Voltage
STY063	225	'356981120_/_358017973_2'	0.6		1.8	10	1.832	3.5	4.12	1.79 No	0.6 Primary Over-Voltage
STY063	226	'356981177_/_358017973_1'	0.6		1.8	10	1.832	3.5	4.12	1.79 No	0.6 Primary Over-Voltage
STY063	227	'6495858_/_6495855'	0.17		0.57	3.33	0.608	1.5	1.3	0.6 No	0.17 Primary Over-Voltage
STY063	228	'6493660_/_6497115'	0.5		1.7	10	1.832	7.6	3.9	1.79 No	0.5 Primary Over-Voltage
STY063	229	'8113924_/_8113922_2'	0.5		1.7	10	1.832	5.4	3.9	1.79 No	0.5 Primary Over-Voltage
STY063	230	'6497357_/_6497371'	0.5		1.7	10	1.832	7.1	3.9	1.79 No	0.5 Primary Over-Voltage
STY063	231	'6497356_/_6497354'	0.5		1.7	10	1.832	7.1	3.89	1.79 No	0.5 Primary Over-Voltage
STY063	232	'6490138_/_6493657'	0.5		1.7	10	1.832	7.6	3.88	1.79 No	0.5 Primary Over-Voltage
STY063	233	'6498441_/_6498455'	0.5		1.7	10	1.832	7.1	3.87	1.79 No	0.5 Primary Over-Voltage
STY063	234	'6495874_/_6495871'	0.17		0.57	3.33	0.608	1.5	1.29	0.6 No	0.17 Primary Over-Voltage
STY063	235	'6498424_/_6498438'	0.5		1.7	10	1.832	7.1	3.86	1.79 No	0.5 Primary Over-Voltage
STY063	236	'8113925_/_8113922_1'	0.5		1.7	10	1.832	1.5	3.86	1.79 No	0.5 Primary Over-Voltage
STY063	237	'6498407_/_6498421'	0.5		1.7	10	1.832	7.1	3.84	1.79 No	0.5 Primary Over-Voltage
STY063	238	'64729274_/_8128009'	0.6		1.7	10	1.832	3.4	3.99	1.79 No	0.6 Primary Over-Voltage
STY063	239	'76345995_/_64729272'	0.6		1.7	10	1.832	3.4	3.99	1.79 No	0.6 Primary Over-Voltage
STY063	240	'64729262_/_64729260'	0.6		1.7	10	1.832	2.4	3.99	1.79 No	0.6 Primary Over-Voltage
STY063	241	'64729215_/_64729212'	0.6		1.7	10	1.832	2.3	3.99	1.79 No	0.6 Primary Over-Voltage
STY063	242	'64729214_/_64729242'	0.6		1.7	10	1.832	3.4	3.99	1.79 No	0.6 Primary Over-Voltage
STY063	243	'64729203_/_64729200'	0.6		1.7	10	1.832	2.3	3.99	1.79 No	0.6 Primary Over-Voltage
STY063	244	'64729251_/_64729248'	0.6		1.7	10	1.832	2.3	3.99	1.79 No	0.6 Primary Over-Voltage
STY063	245	'43926653_/_43926655'	0.33		1.13	6.67	1.224	3.1	2.57	1.19 No	0.33 Primary Over-Voltage
STY063	246	'6498390_/_6498404'	0.5		1.7	10	1.832	7.1	3.83	1.79 No	0.5 Primary Over-Voltage
STY063	247	'6494775_/_6494806'	0.5		1.6	10	1.832	7.4	3.84	1.79 No	0.5 Primary Over-Voltage
STY063	248	'492675483_/_492675487'	0.6		1.7	10	1.832	2.3	3.97	1.79 No	0.6 Primary Over-Voltage
STY063	249	'64728797_/_64729376'	0.6		1.7	10	1.832	2.4	3.97	1.79 No	0.6 Primary Over-Voltage
STY063	250	'6498373_/_6498387'	0.5		1.7	10	1.832	7.1	3.82	1.79 No	0.5 Primary Over-Voltage
STY063	251	'434469827_/_434469846'	0.6		1.7	10	1.832	3.4	3.99	1.79 No	0.6 Primary Over-Voltage
STY063	252	'6498356_/_6498370'	0.5		1.7	10	1.832	7.1	3.8	1.79 No	0.5 Primary Over-Voltage
STY063	253	'8983929_/_9299528'	0.6		1.7	10	1.832	2.1	3.98	1.79 No	0.6 Primary Over-Voltage
STY063	254	'434469886_/_434469896'	0.6		1.7	10	1.832	3.4	3.97	1.79 No	0.6 Primary Over-Voltage
STY063	255	'6498355_/_6498353'	0.5		1.7	10	1.832	7.1	3.79	1.79 No	0.5 Primary Over-Voltage
STY063	256	'8356199_/_533929457'	0.6		1.7	10	1.832	2.3	3.94	1.79 No	0.6 Primary Over-Voltage
STY063	257	'43928729_/_43928731'	0.5		1.6	10	1.832	7.3	3.79	1.79 No	0.5 Primary Over-Voltage
STY063	258	'6447876_/_7109912'	0.5		1.7	10	1.832	7.1	3.77	1.79 No	0.5 Primary Over-Voltage
STY063	259	'370994168_/_370994187'	0.6		1.7	10	1.832	3.4	3.94	1.79 No	0.6 Primary Over-Voltage
STY063	260	'444124080_/_444124112'	0.6		1.7	10	1.832	3.4	3.94	1.79 No	0.6 Primary Over-Voltage
STY063	261	'6451660_/_6451674'	0.5		1.6	10	1.832	7.1	3.75	1.79 No	0.5 Primary Over-Voltage
STY063	262	'6489760_/_6490135'	0.33		1.07	6.67	1.224	3.1	2.52	1.19 No	0.33 Primary Over-Voltage
STY063	263	'6451643_/_6451657'	0.5		1.6	10	1.832	7.1	3.74	1.79 No	0.5 Primary Over-Voltage
STY063	264	'6494741_/_6494755'	0.5		1.6	10	1.832	7.3	3.76	1.79 No	0.5 Primary Over-Voltage
STY063	265	'6451623_/_6451640'	0.5		1.6	10	1.832	7.1	3.72	1.79 No	0.5 Primary Over-Voltage
STY063	266	'6447832_/_6451620'	0.5		1.6	10	1.832	7.1	3.71	1.79 No	0.5 Primary Over-Voltage
STY063	267	'103235554_/_6447830_1'	0.5		1.6	10	1.832	2.4	3.71	1.79 No	0.5 Primary Over-Voltage
STY063	268	'6494724_/_6494738'	0.5		1.6	10	1.832	7.3	3.73	1.79 No	0.5 Primary Over-Voltage
STY063	269	'7719109_/_533929424'	0.6		1.7	10	1.832	2.3	3.86	1.79 No	0.6 Primary Over-Voltage
STY063	270	'8356848_/_8983927'	0.6		1.7	10	1.832	2.1	3.89	1.79 No	0.6 Primary Over-Voltage
STY063	271	'6451606_/_6451847'	0.5		1.6	10	1.832	7.1	3.7	1.79 No	0.5 Primary Over-Voltage
STY063	272	'356981054_/_356981118'	0.6		1.7	10	1.832	3.5	3.92	1.79 No	0.6 Primary Over-Voltage
STY063	273	'6451589_/_6451603'	0.5		1.6	10	1.832	7.1	3.68	1.79 No	0.5 Primary Over-Voltage
STY063	274	'6488179_/_624671043'	0.33		1.07	6.67	1.224	2.6	2.48	1.19 No	0.33 Primary Over-Voltage
STY063	275	'6447855_/_6451586'	0.5		1.6	10	1.832	7.1	3.67	1.79 No	0.5 Primary Over-Voltage
STY063	276	'8356849_/_8356846'	0.6		1.7	10	1.832	2.1	3.87	1.79 No	0.6 Primary Over-Voltage
STY063	277	'6451552_/_6451569'	0.5		1.6	10	1.832	7.1	3.66	1.79 No	0.5 Primary Over-Voltage
STY063	278	'6494723_/_6494721'	0.5		1.6	10	1.832	7.3	3.7	1.79 No	0.5 Primary Over-Voltage
STY063	279	'503934217_/_503934179_1'	0.5		1.6	10	1.832	1.5	3.69	1.79 No	0.5 Primary Over-Voltage
STY063	280	'6447789_/_6447787_1'	0.5		1.6	10	1.832	1.5	3.66	1.79 No	0.5 Primary Over-Voltage
STY063	281	'6451551_/_6451549'	0.5		1.6	10	1.832	7.1	3.65	1.79 No	0.5 Primary Over-Voltage
STY063	282	'6451535_/_6451813'	0.5		1.6	10	1.832	7.1	3.64	1.79 No	0.5 Primary Over-Voltage
STY063	283	'503934163_/_503934179_2'	0.5		1.6	10	1.832	1.5	3.68	1.79 No	0.5 Primary Over-Voltage
STY063	284	'64728770_/_64728801'	0.6		1.6	10	1.832	2.4	3.8	1.79 No	0.6 Primary Over-Voltage
STY063	285	'6492262_/_6494789'	0.5		1.6	10	1.832	7.3	3.67	1.79 No	0.5 Primary Over-Voltage
STY063	286	'43919899_/_6447830_2'	0.5		1.6	10	1.832	2.4	3.64	1.79 No	0.5 Primary Over-Voltage
STY063	287	'6451518_/_6451532'	0.5		1.6	10	1.832	7.1	3.62	1.79 No	0.5 Primary Over-Voltage
STY063	288	'64728747_/_64728774'	0.6		1.6	10	1.832	2.4	3.79	1.79 No	0.6 Primary Over-Voltage
STY063	289	'6488178_/_6488176'	0.33		1.07	6.67	1.224	2.6	2.44	1.19 No	0.33 Primary Over-Voltage
STY063	290	'6451501_/_6451515'	0.5		1.6	10	1.832	7.1	3.61	1.79 No	0.5 Primary Over-Voltage
STY063	291	'6492263_/_6492260'	0.33		1.07	6.67	1.224	4.87	2.43	1.19 No	0.33 Primary Over-Voltage
STY063	292	'370994222_/_370994232'	0.6		1.7	10	1.832	3.4	3.8	1.79 No	0.6 Primary Over-Voltage
STY063	293	'6451481_/_6451498'	0.5		1.6	10	1.832	7.1	3.59	1.79 No	0.5 Primary Over-Voltage
STY063	294	'487993105_/_487993109'	0.6		1.7	10	1.832	3.5	3.83	1.79 No	0.6 Primary Over-Voltage
STY063	295	'6494706_/_6494704'	0.5		1.6	10	1.832	7.3	3.63	1.79 No	0.5 Primary Over-Voltage
STY063	296	'6488158_/_6489742_2'	0.33		1.07	6.67	1.224	2.6	2.43	1.19 No	0.33 Primary Over-Voltage
STY063	297	'6447790_/_6447787_2'	0.5		1.6	10	1.832	1.5	3.6	1.79 No	0.5 Primary Over-Voltage
STY063	298	'487993137_/_487993169'	0.6		1.7	10	1.832	3.5	3.81	1.79 No	0.6 Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
STY063	299	'43926641_/_6489742_1'	0.33	1.07	6.67	1.224	2.6	2.42	1.19 No	0.33	Primary Over-Voltage
STY063	300	'487993073_/_487993153'	0.6	1.7	10	1.832	3.5	3.79	1.79 No	0.6	Primary Over-Voltage
STY063	301	'8356828_/_9299548'	0.6	1.6	10	1.832	2.1	3.76	1.79 No	0.6	Primary Over-Voltage
STY063	302	'70225694_/_70225699'	0.6	1.6	10	1.832	2.1	3.75	1.79 No	0.6	Primary Over-Voltage
STY063	303	'6450357_/_7109878'	0.5	1.6	10	1.832	7.3	3.59	1.79 No	0.5	Primary Over-Voltage
STY063	304	'6492284_/_6492281'	0.33	1.07	6.67	1.224	2.2	2.4	1.19 No	0.33	Primary Over-Voltage
STY063	305	'6447875_/_6450635_1'	0.5	1.6	10	1.832	7.1	3.59	1.79 No	0.5	Primary Over-Voltage
STY063	306	'6447833_/_43919901'	0.5	1.6	10	1.832	2.4	3.56	1.79 No	0.5	Primary Over-Voltage
STY063	307	'74983486_/_74983492'	0.6	1.6	10	1.832	2.1	3.73	1.79 No	0.6	Primary Over-Voltage
STY063	308	'8042422_/_8042420'	0.2	0.6	3.33	0.608	1.13	1.01	0.6 No	0.2	Primary Over-Voltage
STY063	309	'43919466_/_43919468'	0.5	1.5	10	1.832	7.3	3.55	1.79 No	0.5	Primary Over-Voltage
STY063	310	'356981075_/_356981073'	0.6	1.6	10	1.832	3.5	3.72	1.79 No	0.6	Primary Over-Voltage
STY063	311	'74983544_/_74983555'	0.6	1.6	10	1.832	2.1	3.68	1.79 No	0.6	Primary Over-Voltage
STY063	312	'6450323_/_6450337'	0.5	1.5	10	1.832	7.3	3.52	1.79 No	0.5	Primary Over-Voltage
STY063	313	'6488157_/_6488155'	0.33	1	6.67	1.224	2.6	2.35	1.19 No	0.33	Primary Over-Voltage
STY063	314	'74983574_/_74983637'	0.6	1.6	10	1.832	2.1	3.64	1.79 No	0.6	Primary Over-Voltage
STY063	315	'6447809_/_6450320'	0.5	1.5	10	1.832	7.3	3.48	1.79 No	0.5	Primary Over-Voltage
STY063	316	'70225739_/_70225750'	0.6	1.6	10	1.832	2.1	3.63	1.79 No	0.6	Primary Over-Voltage
STY063	317	'9299283_/_9299280'	0.6	1.6	10	1.832	3.5	3.65	1.79 No	0.6	Primary Over-Voltage
STY063	318	'8983302_/_64728754'	0.6	1.6	10	1.832	2.4	3.59	1.79 No	0.6	Primary Over-Voltage
STY063	319	'6450286_/_6450300'	0.5	1.5	10	1.832	7.3	3.46	1.79 No	0.5	Primary Over-Voltage
STY063	320	'6447810_/_43919481'	0.5	1.5	10	1.832	4.8	3.46	1.79 No	0.5	Primary Over-Voltage
STY063	321	'43928766_/_43928768'	0.33	1	6.67	1.224	2.4	2.32	1.19 No	0.33	Primary Over-Voltage
STY063	322	'454948167_/_384930026'	0.6	1.6	10	1.832	3.4	3.6	1.79 No	0.6	Primary Over-Voltage
STY063	323	'70225815_/_70225860'	0.6	1.6	10	1.832	2.1	3.59	1.79 No	0.6	Primary Over-Voltage
STY063	324	'7406382_/_7406380'	0.2	0.57	3.33	0.608	0.53	0.99	0.6 No	0.2	Primary Over-Voltage
STY063	325	'6450269_/_6450283'	0.5	1.5	10	1.832	7.3	3.43	1.79 No	0.5	Primary Over-Voltage
STY063	326	'6492178_/_6492245'	0.33	1	6.67	1.224	2.4	2.29	1.19 No	0.33	Primary Over-Voltage
STY063	327	'8356829_/_8356826'	0.6	1.5	10	1.832	2.1	3.56	1.79 No	0.6	Primary Over-Voltage
STY063	328	'6450268_/_6450266'	0.5	1.5	10	1.832	7.3	3.4	1.79 No	0.5	Primary Over-Voltage
STY063	329	'246705064_/_8983299'	0.5	1.5	10	1.832	2.4	3.52	1.79 No	0.5	Primary Over-Voltage
STY063	330	'246705055_/_246704309'	0.5	1.5	10	1.832	2.4	3.52	1.79 No	0.5	Primary Over-Voltage
STY063	331	'8664018_/_8664015'	0.6	1.5	10	1.832	2.1	3.53	1.79 No	0.6	Primary Over-Voltage
STY063	332	'6450248_/_6450672'	0.5	1.5	10	1.832	7.3	3.38	1.79 No	0.5	Primary Over-Voltage
STY063	333	'326847788_/_326847793'	0.6	1.6	10	1.832	3.5	3.55	1.79 No	0.6	Primary Over-Voltage
STY063	334	'6450247_/_6450245'	0.5	1.5	10	1.832	7.3	3.36	1.79 No	0.5	Primary Over-Voltage
STY063	335	'6492215_/_6492230'	0.33	1	6.67	1.224	2.2	2.25	1.19 No	0.33	Primary Over-Voltage
STY063	336	'6492179_/_6492176'	0.33	1	6.67	1.224	2.4	2.25	1.19 No	0.33	Primary Over-Voltage
STY063	337	'454948209_/_454948254'	0.6	1.6	10	1.832	3.4	3.48	1.79 No	0.6	Primary Over-Voltage
STY063	338	'326847744_/_326847866'	0.6	1.5	10	1.832	3.5	3.5	1.79 No	0.6	Primary Over-Voltage
STY063	339	'43919353_/_43919355'	0.5	1.5	10	1.832	7.3	3.32	1.79 No	0.5	Primary Over-Voltage
STY063	340	'6492197_/_6492212'	0.33	1	6.67	1.224	2.2	2.22	1.19 No	0.33	Primary Over-Voltage
STY063	341	'6450126_/_6450140'	0.5	1.4	10	1.832	7.3	3.3	1.79 No	0.5	Primary Over-Voltage
STY063	342	'6490056_/_6493023'	0.33	1	6.67	1.224	2.4	2.21	1.19 No	0.33	Primary Over-Voltage
STY063	343	'8447974_/_8664035'	0.6	1.5	10	1.832	2.1	3.42	1.79 No	0.6	Primary Over-Voltage
STY063	344	'6450109_/_6450123'	0.5	1.4	10	1.832	7.3	3.27	1.79 No	0.5	Primary Over-Voltage
STY063	345	'8356564_/_9610663'	0.2	0.53	3.33	0.608	1.13	0.95	0.6 No	0.2	Primary Over-Voltage
STY063	346	'6492196_/_6492194'	0.33	0.93	6.67	1.224	2.2	2.19	1.19 No	0.33	Primary Over-Voltage
STY063	347	'6490074_/_6490089'	0.33	0.93	6.67	1.224	2.4	2.19	1.19 No	0.33	Primary Over-Voltage
STY063	348	'8447975_/_8447972'	0.6	1.5	10	1.832	2.1	3.39	1.79 No	0.6	Primary Over-Voltage
STY063	349	'6450092_/_6450106'	0.5	1.4	10	1.832	7.3	3.24	1.79 No	0.5	Primary Over-Voltage
STY063	350	'8042799_/_9610787'	0.6	1.5	10	1.832	3.5	3.4	1.79 No	0.6	Primary Over-Voltage
STY063	351	'454948125_/_454948228'	0.5	1.5	10	1.832	3.4	3.37	1.79 No	0.5	Primary Over-Voltage
STY063	352	'448032067_/_454948129'	0.5	1.5	10	1.832	3.4	3.37	1.79 No	0.5	Primary Over-Voltage
STY063	353	'448032040_/_448032124'	0.5	1.5	10	1.832	3.4	3.37	1.79 No	0.5	Primary Over-Voltage
STY063	354	'6490055_/_6490053'	0.33	0.93	6.67	1.224	2.2	2.17	1.19 No	0.33	Primary Over-Voltage
STY063	355	'38883803_/_44093378'	0.6	1.5	10	1.832	2.1	3.35	1.79 No	0.6	Primary Over-Voltage
STY063	356	'6450091_/_6450089'	0.5	1.4	10	1.832	7.3	3.21	1.79 No	0.5	Primary Over-Voltage
STY063	357	'347903930_/_5577421_2'	0.2	0.53	3.33	0.608	0.53	0.94	0.6 No	0.2	Primary Over-Voltage
STY063	358	'440370905_/_440370928'	0.5	1.4	10	1.832	7.3	3.2	1.79 No	0.5	Primary Over-Voltage
STY063	359	'43739200_/_5577421_1'	0.2	0.53	3.33	0.608	0.53	0.94	0.6 No	0.2	Primary Over-Voltage
STY063	360	'6450210_/_440370902'	0.5	1.4	10	1.832	7.3	3.19	1.79 No	0.5	Primary Over-Voltage
STY063	361	'43928742_/_6493005'	0.33	0.93	6.67	1.224	2.2	2.15	1.19 No	0.33	Primary Over-Voltage
STY063	362	'461410873_/_461410870'	0.5	1.4	10	1.832	7.3	3.18	1.79 No	0.5	Primary Over-Voltage
STY063	363	'347903893_/_43739202_2'	0.2	0.53	3.33	0.608	0.53	0.94	0.6 No	0.2	Primary Over-Voltage
STY063	364	'8042698_/_9299300'	0.6	1.5	10	1.832	3.5	3.35	1.79 No	0.6	Primary Over-Voltage
STY063	365	'461410893_/_461410890'	0.5	1.4	10	1.832	7.3	3.18	1.79 No	0.5	Primary Over-Voltage
STY063	366	'43919340_/_461502669'	0.5	1.4	10	1.832	7.3	3.17	1.79 No	0.5	Primary Over-Voltage
STY063	367	'6487647_/_6490071'	0.33	0.93	6.67	1.224	2.4	2.14	1.19 No	0.33	Primary Over-Voltage
STY063	368	'9084509_/_9711744'	0.6	1.5	10	1.832	2.1	3.31	1.79 No	0.6	Primary Over-Voltage
STY063	369	'440370644_/_461502705'	0.5	1.4	10	1.832	7.3	3.16	1.79 No	0.5	Primary Over-Voltage
STY063	370	'6447662_/_440370584'	0.5	1.4	10	1.832	7.3	3.15	1.79 No	0.5	Primary Over-Voltage
STY063	371	'53207031_/_53207038'	0.6	1.5	10	1.832	2.1	3.3	1.79 No	0.6	Primary Over-Voltage
STY063	372	'7719590_/_8042696'	0.6	1.5	10	1.832	3.5	3.32	1.79 No	0.6	Primary Over-Voltage
STY063	373	'6447565_/_6447563_1'	0.5	1.4	10	1.832	1.6	3.14	1.79 No	0.5	Primary Over-Voltage
STY063	374	'461503185_/_440370547'	0.5	1.4	10	1.832	7.3	3.14	1.79 No	0.5	Primary Over-Voltage
STY063	375	'461502938_/_461503187'	0.5	1.4	10	1.832	7.3	3.13	1.79 No	0.5	Primary Over-Voltage
STY063	376	'53206995_/_53207059'	0.6	1.4	10	1.832	2.1	3.28	1.79 No	0.6	Primary Over-Voltage
STY063	377	'43928754_/_43928756'	0.33	0.93	6.67	1.224	2.2	2.11	1.19 No	0.33	Primary Over-Voltage
STY063	378	'6450893_/_461502940'	0.5	1.4	10	1.832	7.3	3.12	1.79 No	0.5	Primary Over-Voltage
STY063	379	'5577437_/_43739202_1'	0.2	0.53	3.33	0.608	0.5	0.92	0.6 No	0.2	Primary Over-Voltage
STY063	380	'456854069_/_447158208_1'	0.5	1.4	10	1.832	1.5	3.12	1.79 No	0.5	Primary Over-Voltage
STY063	381	'8983909_/_53206997'	0.6	1.4	10	1.832	2.1	3.27	1.79 No	0.6	Primary Over-Voltage
STY063	382	'43926431_/_43926433'	0.17	0.47	3.33	0.608	1.2	1.05	0.6 No	0.17	Primary Over-Voltage
STY063	383	'6487634_/_6487644'	0.17	0.47	3.33	0.608	1.2	1.05	0.6 No	0.17	Primary Over-Voltage
STY063	384	'447158211_/_447158208_2'	0.5	1.4	10	1.832	1.5	3.11	1.79 No	0.5	Primary Over-Voltage
STY063	385	'6487660_/_6487657_2'	0.17	0.47	3.33	0.608	1.2	1.05	0.6 No	0.17	Primary Over-Voltage
STY063	386	'6450894_/_6450891'	0.5	1.4	10	1.832	4.7	3.1	1.79 No	0.5	Primary Over-Voltage
STY063	387	'7719591_/_7719588'	0.6	1.5	10	1.832	3.5	3.27	1.79 No	0.6	Primary Over-Voltage
STY063	388	'6453844_/_453510211'	0.5	1.4	10	1.832	7.2	3.08	1.79 No	0.5	Primary Over-Voltage
STY063	389	'461503063_/_461503065'	0.5	1.4	10	1.832	7.2	3.08	1.79 No	0.5	Primary Over-Voltage
STY063	390	'6487659_/_6487657_1'	0.17	0.47	3.33	0.608	1.2	1.04	0.6 No	0.17	Primary Over-Voltage
STY063	391	'6447566_/_6447563_2'	0.5	1.4	10	1.832	1.6	3.09	1.79 No	0.5	Primary Over-Voltage
STY063	392	'6492066_/_6492064'	0.33	0.93	6.67	1.224	2.2	2.08	1.19 No	0.33	Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Voltage Deviation	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
STY063	393	'43919807_/_461503036'	0.5	1.4	10	1.832	7.2	3.07	1.79 No	0.5	Primary Over-Voltage
STY063	394	'461502977_/_461502981'	0.5	1.4	10	1.832	7.2	3.07	1.79 No	0.5	Primary Over-Voltage
STY063	395	'6453845_/_461409680'	0.5	1.4	10	1.832	4.5	3.07	1.79 No	0.5	Primary Over-Voltage
STY063	396	'440370107_/_440370247'	0.5	1.4	10	1.832	7.2	3.06	1.79 No	0.5	Primary Over-Voltage
STY063	397	'465696936_/_440370178'	0.5	1.4	10	1.832	7.2	3.05	1.79 No	0.5	Primary Over-Voltage
STY063	398	'6487621_/_6487631'	0.17	0.47	3.33	0.608	1.2	1.04	0.6 No	0.17	Primary Over-Voltage
STY063	399	'461409461_/_461409458'	0.17	0.47	3.33	0.608	1.5	1.02	0.6 No	0.17	Primary Over-Voltage
STY063	400	'6449535_/_465696938'	0.5	1.4	10	1.832	7.2	3.04	1.79 No	0.5	Primary Over-Voltage
STY063	401	'7406346_/_8983907'	0.6	1.4	10	1.832	2.1	3.2	1.79 No	0.6	Primary Over-Voltage
STY063	402	'6450581_/_440370053'	0.5	1.4	10	1.832	7.2	3.04	1.79 No	0.5	Primary Over-Voltage
STY063	403	'65261799_/_9030627_2'	0.17	0.47	3.33	0.608	1.2	1.03	0.6 No	0.17	Primary Over-Voltage
STY063	404	'9299322_/_9299492'	0.6	1.4	10	1.832	3.5	3.22	1.79 No	0.6	Primary Over-Voltage
STY063	405	'246705070_/_8356542'	0.5	1.4	10	1.832	3.4	3.19	1.79 No	0.5	Primary Over-Voltage
STY063	406	'440370003_/_440370020'	0.5	1.4	10	1.832	7.2	3.03	1.79 No	0.5	Primary Over-Voltage
STY063	407	'246705056_/_246704301'	0.5	1.4	10	1.832	2.4	3.19	1.79 No	0.5	Primary Over-Voltage
STY063	408	'37921629_/_246704293'	0.5	1.4	10	1.832	2.4	3.19	1.79 No	0.5	Primary Over-Voltage
STY063	409	'447158231_/_447158228'	0.5	1.4	10	1.832	1.5	3.04	1.79 No	0.5	Primary Over-Voltage
STY063	410	'43919726_/_440370000'	0.5	1.4	10	1.832	7.2	3.02	1.79 No	0.5	Primary Over-Voltage
STY063	411	'68781533_/_68781539'	0.6	1.4	10	1.832	2.1	3.18	1.79 No	0.6	Primary Over-Voltage
STY063	412	'454944319_/_454944316'	0.5	1.4	10	1.832	7.2	3.01	1.79 No	0.5	Primary Over-Voltage
STY063	413	'68781625_/_68781632'	0.6	1.4	10	1.832	2.1	3.17	1.79 No	0.6	Primary Over-Voltage
STY063	414	'454944339_/_454944336'	0.5	1.4	10	1.832	7.2	3	1.79 No	0.5	Primary Over-Voltage
STY063	415	'6450441_/_6450439'	0.5	1.4	10	1.832	7	3	1.79 No	0.5	Primary Over-Voltage
STY063	416	'6450880_/_6453855_1'	0.17	0.47	3.33	0.608	0.5	1.01	0.6 No	0.17	Primary Over-Voltage
STY063	417	'413813262_/_413813298'	0.5	1.4	10	1.832	2.4	3.16	1.79 No	0.5	Primary Over-Voltage
STY063	418	'454944359_/_454944356'	0.5	1.4	10	1.832	7.2	2.99	1.79 No	0.5	Primary Over-Voltage
STY063	419	'68781572_/_68781646'	0.6	1.4	10	1.832	2.1	3.16	1.79 No	0.6	Primary Over-Voltage
STY063	420	'6450851_/_6453855_2'	0.17	0.47	3.33	0.608	0.5	1	0.6 No	0.17	Primary Over-Voltage
STY063	421	'43919314_/_6447583'	0.5	1.4	10	1.832	1.6	3.02	1.79 No	0.5	Primary Over-Voltage
STY063	422	'447158251_/_447158248'	0.5	1.4	10	1.832	1.5	3.02	1.79 No	0.5	Primary Over-Voltage
STY063	423	'6492085_/_6492992'	0.17	0.47	3.33	0.608	1.2	1.02	0.6 No	0.17	Primary Over-Voltage
STY063	424	'454944379_/_454944376'	0.5	1.3	10	1.832	7.2	2.98	1.79 No	0.5	Primary Over-Voltage
STY063	425	'6487608_/_6487618'	0.17	0.47	3.33	0.608	1.2	1.02	0.6 No	0.17	Primary Over-Voltage
STY063	426	'454944399_/_454944396'	0.5	1.3	10	1.832	7.2	2.97	1.79 No	0.5	Primary Over-Voltage
STY063	427	'43919772_/_43919774'	0.17	0.43	3.33	0.608	1.1	1	0.6 No	0.17	Primary Over-Voltage
STY063	428	'37921601_/_37921598'	0.4	1.1	10	1.832	2.4	3.15	1.79 No	0.4	Primary Over-Voltage
STY063	429	'37921580_/_37921605'	0.4	1.1	10	1.832	2.4	3.15	1.79 No	0.4	Primary Over-Voltage
STY063	430	'37921573_/_37921577'	0.4	1.1	10	1.832	2.4	3.15	1.79 No	0.4	Primary Over-Voltage
STY063	431	'37921587_/_37921584'	0.4	1.1	10	1.832	2.4	3.15	1.79 No	0.4	Primary Over-Voltage
STY063	432	'8042080_/_37921591'	0.4	1.1	10	1.832	2.4	3.15	1.79 No	0.4	Primary Over-Voltage
STY063	433	'8983262_/_37921570'	0.4	1.1	10	1.832	2.4	3.15	1.79 No	0.4	Primary Over-Voltage
STY063	434	'9298866_/_246872105'	0.4	1.1	10	1.832	2.4	3.14	1.79 No	0.4	Primary Over-Voltage
STY063	435	'454944419_/_454944416'	0.5	1.3	10	1.832	7.2	2.96	1.79 No	0.5	Primary Over-Voltage
STY063	436	'6454345_/_454944436'	0.5	1.3	10	1.832	7.2	2.96	1.79 No	0.5	Primary Over-Voltage
STY063	437	'6454708_/_6454722'	0.5	1.3	10	1.832	7.2	2.96	1.79 No	0.5	Primary Over-Voltage
STY063	438	'6454637_/_6454705_2'	0.5	1.3	10	1.832	7.2	2.95	1.79 No	0.5	Primary Over-Voltage
STY063	439	'43920295_/_6454705_1'	0.5	1.3	10	1.832	7.2	2.95	1.79 No	0.5	Primary Over-Voltage
STY063	440	'43920308_/_6454343'	0.5	1.3	10	1.832	7.2	2.95	1.79 No	0.5	Primary Over-Voltage
STY063	441	'6454227_/_6454241'	0.5	1.3	10	1.832	7.2	2.94	1.79 No	0.5	Primary Over-Voltage
STY063	442	'43920322_/_43920310'	0.5	1.3	10	1.832	7.2	2.94	1.79 No	0.5	Primary Over-Voltage
STY063	443	'241708658_/_6454739_1'	0.5	1.3	10	1.832	7.2	2.94	1.79 No	0.5	Primary Over-Voltage
STY063	444	'6454226_/_6454224'	0.5	1.3	10	1.832	7.2	2.94	1.79 No	0.5	Primary Over-Voltage
STY063	445	'6454044_/_6454042_1'	0.5	1.3	10	1.832	1.6	2.93	1.79 No	0.5	Primary Over-Voltage
STY063	446	'9030629_/_9030627_1'	0.17	0.43	3.33	0.608	0.3	1.01	0.6 No	0.17	Primary Over-Voltage
STY063	447	'52228967_/_52228969'	0.5	1.3	10	1.832	7.2	2.93	1.79 No	0.5	Primary Over-Voltage
STY063	448	'6454328_/_6454326'	0.5	1.3	10	1.832	7.2	2.93	1.79 No	0.5	Primary Over-Voltage
STY063	449	'69395626_/_52229101_1'	0.5	1.3	10	1.832	1.5	2.93	1.79 No	0.5	Primary Over-Voltage
STY063	450	'6450852_/_6450849'	0.17	0.43	3.33	0.608	0.5	0.99	0.6 No	0.17	Primary Over-Voltage
STY063	451	'447158271_/_447158268'	0.5	1.3	10	1.832	1.5	2.97	1.79 No	0.5	Primary Over-Voltage
STY063	452	'8663962_/_9299320'	0.6	1.4	10	1.832	3.5	3.12	1.79 No	0.6	Primary Over-Voltage
STY063	453	'6454782_/_6454796'	0.5	1.3	10	1.832	7.2	2.92	1.79 No	0.5	Primary Over-Voltage
STY063	454	'52229162_/_52229101_2'	0.5	1.3	10	1.832	1.5	2.91	1.79 No	0.5	Primary Over-Voltage
STY063	455	'6492084_/_6492082'	0.17	0.43	3.33	0.608	1.2	1	0.6 No	0.17	Primary Over-Voltage
STY063	456	'6454138_/_6454779'	0.5	1.3	10	1.832	7.2	2.91	1.79 No	0.5	Primary Over-Voltage
STY063	457	'52229030_/_6454739_2'	0.5	1.3	10	1.832	4.7	2.92	1.79 No	0.5	Primary Over-Voltage
STY063	458	'6454116_/_6454113_2'	0.5	1.3	10	1.832	4.7	2.91	1.79 No	0.5	Primary Over-Voltage
STY063	459	'6447605_/_43919316'	0.5	1.3	10	1.832	1.6	2.96	1.79 No	0.5	Primary Over-Voltage
STY063	460	'6454210_/_6454577'	0.5	1.3	10	1.832	7.2	2.9	1.79 No	0.5	Primary Over-Voltage
STY063	461	'6449998_/_6450914'	0.17	0.43	3.33	0.608	0.5	0.98	0.6 No	0.17	Primary Over-Voltage
STY063	462	'37921685_/_449547416'	0.4	1.1	10	1.832	2.4	3.08	1.79 No	0.4	Primary Over-Voltage
STY063	463	'64729202_/_64729230'	0.5	1.4	10	1.832	3.4	3.08	1.79 No	0.5	Primary Over-Voltage
STY063	464	'6487595_/_6487605'	0.17	0.43	3.33	0.608	1.2	1	0.6 No	0.17	Primary Over-Voltage
STY063	465	'6454193_/_6454207'	0.5	1.3	10	1.832	7.2	2.89	1.79 No	0.5	Primary Over-Voltage
STY063	466	'444720681_/_6454190_1'	0.5	1.3	10	1.832	1.6	2.89	1.79 No	0.5	Primary Over-Voltage
STY063	467	'427328866_/_427328883'	0.5	1.3	10	1.832	7.2	2.89	1.79 No	0.5	Primary Over-Voltage
STY063	468	'53448325_/_6454190_2'	0.5	1.3	10	1.832	1.6	2.88	1.79 No	0.5	Primary Over-Voltage
STY063	469	'427328846_/_427328863'	0.5	1.3	10	1.832	7.2	2.88	1.79 No	0.5	Primary Over-Voltage
STY063	470	'8120885_/_8120882'	0.6	1.4	10	1.832	2.3	3.05	1.79 No	0.6	Primary Over-Voltage
STY063	471	'6450868_/_6450865'	0.17	0.43	3.33	0.608	0.5	0.98	0.6 No	0.17	Primary Over-Voltage
STY063	472	'6453950_/_6453948_2'	0.5	1.3	10	1.832	1.6	2.88	1.79 No	0.5	Primary Over-Voltage
STY063	473	'6454156_/_6454170'	0.5	1.3	10	1.832	1.6	2.88	1.79 No	0.5	Primary Over-Voltage
STY063	474	'427328826_/_427328843'	0.5	1.3	10	1.832	7.2	2.87	1.79 No	0.5	Primary Over-Voltage
STY063	475	'52229062_/_6454759'	0.5	1.3	10	1.832	4.7	2.89	1.79 No	0.5	Primary Over-Voltage
STY063	476	'6449999_/_6449996'	0.17	0.43	3.33	0.608	0.5	0.97	0.6 No	0.17	Primary Over-Voltage
STY063	477	'6451282_/_6454153'	0.5	1.3	10	1.832	1.6	2.87	1.79 No	0.5	Primary Over-Voltage
STY063	478	'427328806_/_427328823'	0.5	1.3	10	1.832	7.2	2.87	1.79 No	0.5	Primary Over-Voltage
STY063	479	'8663961_/_8663959'	0.6	1.4	10	1.832	3.5	3.07	1.79 No	0.6	Primary Over-Voltage
STY063	480	'6447446_/_6451279'	0.5	1.3	10	1.832	1.6	2.86	1.79 No	0.5	Primary Over-Voltage
STY063	481	'428041076_/_6454042_2'	0.5	1.3	10	1.832	1.6	2.88	1.79 No	0.5	Primary Over-Voltage
STY063	482	'447158291_/_447158288'	0.5	1.3	10	1.832	1.5	2.92	1.79 No	0.5	Primary Over-Voltage
STY063	483	'428041182_/_428041074_1'	0.5	1.3	10	1.832	0.9	2.87	1.79 No	0.5	Primary Over-Voltage
STY063	484	'6447447_/_6447464_1'	0.5	1.3	10	1.832	0.9	2.86	1.79 No	0.5	Primary Over-Voltage
STY063	485	'6454028_/_6454113_1'	0.5	1.3	10	1.832	1.5	2.86	1.79 No	0.5	Primary Over-Voltage
STY063	486	'8356869_/_7406344'	0.6	1.4	10	1.832	2.1	3.04	1.79 No	0.6	Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
STY063	487	'53448309_/_6453948_1'	0.5	1.3	10	1.832	1	2.85	1.79 No	0.5	Primary Over-Voltage
STY063	488	'6495207_/_6495217'	0.17	0.43	3.33	0.608	1.2	0.98	0.6 No	0.17	Primary Over-Voltage
STY063	489	'6447606_/_6447603'	0.5	1.3	10	1.832	1.6	2.9	1.79 No	0.5	Primary Over-Voltage
STY063	490	'6487594_/_6487592'	0.17	0.43	3.33	0.608	1.2	0.98	0.6 No	0.17	Primary Over-Voltage
STY063	491	'6447467_/_6447464_2'	0.5	1.3	10	1.832	0.9	2.83	1.79 No	0.5	Primary Over-Voltage
STY063	492	'6454045_/_6454042_3'	0.5	1.3	10	1.832	1.6	2.85	1.79 No	0.5	Primary Over-Voltage
STY063	493	'7794339_/_9376838'	0.6	1.3	10	1.832	2.1	3.02	1.79 No	0.6	Primary Over-Voltage
STY063	494	'7764867_/_9030255_2'	0.5	1.3	10	1.832	0.9	2.83	1.79 No	0.5	Primary Over-Voltage
STY063	495	'6447504_/_43919135'	0.5	1.3	10	1.832	0.9	2.83	1.79 No	0.5	Primary Over-Voltage
STY063	496	'382086525_/_7794337_1'	0.5	1.3	10	1.832	3.5	3.01	1.79 No	0.5	Primary Over-Voltage
STY063	497	'452841254_/_6454079_1'	0.5	1.3	10	1.832	0.9	2.84	1.79 No	0.5	Primary Over-Voltage
STY063	498	'8042978_/_8983851'	0.5	1.4	10	1.832	3.5	3.02	1.79 No	0.5	Primary Over-Voltage
STY063	499	'53448290_/_6453968'	0.5	1.3	10	1.832	1	2.82	1.79 No	0.5	Primary Over-Voltage
STY063	500	'43919327_/_6447620'	0.5	1.3	10	1.832	1.6	2.87	1.79 No	0.5	Primary Over-Voltage
STY063	501	'6454065_/_6454062'	0.5	1.3	10	1.832	1.6	2.82	1.79 No	0.5	Primary Over-Voltage
STY063	502	'6495206_/_6495204'	0.17	0.43	3.33	0.608	1.2	0.96	0.6 No	0.17	Primary Over-Voltage
STY063	503	'447158317_/_447158314'	0.5	1.3	10	1.832	1.5	2.86	1.79 No	0.5	Primary Over-Voltage
STY063	504	'6454008_/_6454025'	0.5	1.3	10	1.832	1.5	2.81	1.79 No	0.5	Primary Over-Voltage
STY063	505	'7451535_/_8711762_1'	0.5	1.3	10	1.832	0.9	2.81	1.79 No	0.5	Primary Over-Voltage
STY063	506	'7719611_/_8042976'	0.5	1.4	10	1.832	3.5	2.99	1.79 No	0.5	Primary Over-Voltage
STY063	507	'9030257_/_9030255_1'	0.5	1.3	10	1.832	0.6	2.79	1.79 No	0.5	Primary Over-Voltage
STY063	508	'6448949_/_6448960'	0.5	1.3	10	1.832	1.6	2.84	1.79 No	0.5	Primary Over-Voltage
STY063	509	'6504756_/_6504766'	0.17	0.43	3.33	0.608	1.2	0.95	0.6 No	0.17	Primary Over-Voltage
STY063	510	'428041052_/_428041074_2'	0.5	1.3	10	1.832	0.9	2.78	1.79 No	0.5	Primary Over-Voltage
STY063	511	'8042998_/_9610935'	0.5	1.3	10	1.832	3.5	2.96	1.79 No	0.5	Primary Over-Voltage
STY063	512	'6454082_/_6454079_2'	0.5	1.3	10	1.832	0.9	2.78	1.79 No	0.5	Primary Over-Voltage
STY063	513	'6492165_/_6503433'	0.17	0.43	3.33	0.608	1.2	0.95	0.6 No	0.17	Primary Over-Voltage
STY063	514	'43920430_/_6447484'	0.5	1.3	10	1.832	1	2.77	1.79 No	0.5	Primary Over-Voltage
STY063	515	'6454007_/_43920284'	0.5	1.3	10	1.832	1.5	2.77	1.79 No	0.5	Primary Over-Voltage
STY063	516	'6454849_/_6454846'	0.5	1.3	10	1.832	1.6	2.78	1.79 No	0.5	Primary Over-Voltage
STY063	517	'6492097_/_6492095_1'	0.17	0.43	3.33	0.608	0.2	0.95	0.6 No	0.17	Primary Over-Voltage
STY063	518	'8356888_/_70127843'	0.33	0.87	6.67	1.224	2.33	1.96	1.19 No	0.33	Primary Over-Voltage
STY063	519	'6504716_/_6504753'	0.17	0.43	3.33	0.608	1.2	0.95	0.6 No	0.17	Primary Over-Voltage
STY063	520	'8042999_/_8042996'	0.5	1.3	10	1.832	3.5	2.95	1.79 No	0.5	Primary Over-Voltage
STY063	521	'51035216_/_51035228'	0.5	1.3	10	1.832	0.6	2.76	1.79 No	0.5	Primary Over-Voltage
STY063	522	'6448950_/_6448947'	0.17	0.43	3.33	0.608	0.53	0.94	0.6 No	0.17	Primary Over-Voltage
STY063	523	'8711765_/_8711762_2'	0.5	1.3	10	1.832	0.9	2.77	1.79 No	0.5	Primary Over-Voltage
STY063	524	'6454099_/_43920370'	0.5	1.3	10	1.832	0.9	2.77	1.79 No	0.5	Primary Over-Voltage
STY063	525	'460699411_/_447158334'	0.5	1.3	10	1.832	1.5	2.8	1.79 No	0.5	Primary Over-Voltage
STY063	526	'447158357_/_447158354'	0.5	1.3	10	1.832	1.5	2.8	1.79 No	0.5	Primary Over-Voltage
STY063	527	'7794340_/_51744632'	0.5	1.3	10	1.832	3.5	2.93	1.79 No	0.5	Primary Over-Voltage
STY063	528	'460699325_/_460699269_1'	0.5	1.3	10	1.832	0.9	2.79	1.79 No	0.5	Primary Over-Voltage
STY063	529	'6492098_/_6492095_2'	0.17	0.43	3.33	0.608	0.2	0.94	0.6 No	0.17	Primary Over-Voltage
STY063	530	'51035282_/_51035259'	0.5	1.3	10	1.832	0.6	2.73	1.79 No	0.5	Primary Over-Voltage
STY063	531	'36336173_/_44084298'	0.5	1.3	10	1.832	3.5	2.91	1.79 No	0.5	Primary Over-Voltage
STY063	532	'6454564_/_6454863'	0.5	1.3	10	1.832	1.6	2.74	1.79 No	0.5	Primary Over-Voltage
STY063	533	'6448980_/_6448977'	0.17	0.43	3.33	0.608	0.53	0.93	0.6 No	0.17	Primary Over-Voltage
STY063	534	'447169243_/_6454880'	0.5	1.3	10	1.832	1.6	2.74	1.79 No	0.5	Primary Over-Voltage
STY063	535	'43920201_/_43920203'	0.5	1.3	10	1.832	1.6	2.78	1.79 No	0.5	Primary Over-Voltage
STY063	536	'6487582_/_6504740'	0.17	0.43	3.33	0.608	1.2	0.93	0.6 No	0.17	Primary Over-Voltage
STY063	537	'6454883_/_447169245'	0.5	1.3	10	1.832	1.6	2.73	1.79 No	0.5	Primary Over-Voltage
STY063	538	'6447487_/_43920432'	0.5	1.3	10	1.832	0.6	2.72	1.79 No	0.5	Primary Over-Voltage
STY063	539	'43929740_/_6504714'	0.17	0.43	3.33	0.608	1.1	0.93	0.6 No	0.17	Primary Over-Voltage
STY063	540	'50271727_/_50271724'	0.5	1.3	10	1.832	0.9	2.73	1.79 No	0.5	Primary Over-Voltage
STY063	541	'6454620_/_6454900'	0.5	1.2	10	1.832	1.6	2.72	1.79 No	0.5	Primary Over-Voltage
STY063	542	'50455704_/_50455661_1'	0.5	1.2	10	1.832	0.9	2.72	1.79 No	0.5	Primary Over-Voltage
STY063	543	'43919190_/_6454617'	0.5	1.2	10	1.832	1.6	2.71	1.79 No	0.5	Primary Over-Voltage
STY063	544	'6492124_/_6503459'	0.17	0.43	3.33	0.608	1.2	0.93	0.6 No	0.17	Primary Over-Voltage
STY063	545	'428041064_/_428041105'	0.5	1.2	10	1.832	0.9	2.71	1.79 No	0.5	Primary Over-Voltage
STY063	546	'43920381_/_6454562'	0.33	0.8	6.67	1.224	1.07	1.81	1.19 No	0.33	Primary Over-Voltage
STY063	547	'460699384_/_447158374'	0.5	1.2	10	1.832	1.5	2.74	1.79 No	0.5	Primary Over-Voltage
STY063	548	'43919614_/_6448990'	0.17	0.4	3.33	0.608	0.53	0.91	0.6 No	0.17	Primary Over-Voltage
STY063	549	'460699389_/_460699386'	0.5	1.2	10	1.832	1.5	2.74	1.79 No	0.5	Primary Over-Voltage
STY063	550	'6487569_/_6487579'	0.17	0.4	3.33	0.608	1.2	0.92	0.6 No	0.17	Primary Over-Voltage
STY063	551	'6451929_/_6451927'	0.5	1.2	10	1.832	1.6	2.7	1.79 No	0.5	Primary Over-Voltage
STY063	552	'6487500_/_6504727'	0.17	0.4	3.33	0.608	1.1	0.92	0.6 No	0.17	Primary Over-Voltage
STY063	553	'6451957_/_43919205'	0.5	1.2	10	1.832	1.6	2.69	1.79 No	0.5	Primary Over-Voltage
STY063	554	'6451946_/_6451975'	0.5	1.2	10	1.832	1.6	2.69	1.79 No	0.5	Primary Over-Voltage
STY063	555	'8028942_/_51035288'	0.5	1.2	10	1.832	0.6	2.68	1.79 No	0.5	Primary Over-Voltage
STY063	556	'49204850_/_6451944'	0.5	1.2	10	1.832	1.6	2.68	1.79 No	0.5	Primary Over-Voltage
STY063	557	'7451387_/_8028939'	0.5	1.2	10	1.832	0.6	2.68	1.79 No	0.5	Primary Over-Voltage
STY063	558	'6492123_/_6492121'	0.17	0.4	3.33	0.608	1.1	0.92	0.6 No	0.17	Primary Over-Voltage
STY063	559	'6492111_/_6492108'	0.17	0.4	3.33	0.608	0.2	0.92	0.6 No	0.17	Primary Over-Voltage
STY063	560	'6448930_/_6451035'	0.5	1.2	10	1.832	1.6	2.73	1.79 No	0.5	Primary Over-Voltage
STY063	561	'6449006_/_43919616'	0.17	0.4	3.33	0.608	0.53	0.91	0.6 No	0.17	Primary Over-Voltage
STY063	562	'6454565_/_43920383'	0.33	0.8	6.67	1.224	1.07	1.79	1.19 No	0.33	Primary Over-Voltage
STY063	563	'6487501_/_6487498'	0.17	0.4	3.33	0.608	1.1	0.91	0.6 No	0.17	Primary Over-Voltage
STY063	564	'7451386_/_7451384'	0.5	1.2	10	1.832	0.6	2.67	1.79 No	0.5	Primary Over-Voltage
STY063	565	'7451426_/_7451424_1'	0.5	1.2	10	1.832	0.9	2.72	1.79 No	0.5	Primary Over-Voltage
STY063	566	'6492136_/_6492134'	0.17	0.4	3.33	0.608	1.2	0.91	0.6 No	0.17	Primary Over-Voltage
STY063	567	'50455654_/_50455661_2'	0.5	1.2	10	1.832	0.9	2.67	1.79 No	0.5	Primary Over-Voltage
STY063	568	'8721887_/_8721884'	0.5	1.2	10	1.832	0.6	2.66	1.79 No	0.5	Primary Over-Voltage
STY063	569	'40367582_/_44098561'	0.5	1.2	10	1.832	0.6	2.66	1.79 No	0.5	Primary Over-Voltage
STY063	570	'6504662_/_6504659'	0.17	0.4	3.33	0.608	0.2	0.91	0.6 No	0.17	Primary Over-Voltage
STY063	571	'8028921_/_8721940'	0.5	1.2	10	1.832	0.6	2.65	1.79 No	0.5	Primary Over-Voltage
STY063	572	'6448166_/_7109797'	0.17	0.4	3.33	0.608	1.1	0.91	0.6 No	0.17	Primary Over-Voltage
STY063	573	'6487487_/_6487566'	0.17	0.4	3.33	0.608	1.2	0.91	0.6 No	0.17	Primary Over-Voltage
STY063	574	'7451427_/_7451424_2'	0.5	1.2	10	1.832	0.9	2.7	1.79 No	0.5	Primary Over-Voltage
STY063	575	'43920419_/_6454830'	0.17	0.4	3.33	0.608	0.53	0.9	0.6 No	0.17	Primary Over-Voltage
STY063	576	'6504455_/_7131452_2'	0.17	0.4	3.33	0.608	1.1	0.9	0.6 No	0.17	Primary Over-Voltage
STY063	577	'6492153_/_6492150'	0.17	0.4	3.33	0.608	1.1	0.9	0.6 No	0.17	Primary Over-Voltage
STY063	578	'447573253_/_428041129_1'	0.5	1.2	10	1.832	0.9	2.65	1.79 No	0.5	Primary Over-Voltage
STY063	579	'428041132_/_428041129_2'	0.5	1.2	10	1.832	0.9	2.65	1.79 No	0.5	Primary Over-Voltage
STY063	580	'6448744_/_6448927'	0.5	1.2	10	1.832	1.6	2.68	1.79 No	0.5	Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
STY063	581	'460699250_/_460699269_2'	0.5	1.2	10	1.832	0.9	2.67	1.79 No	0.5	Primary Over-Voltage
STY063	582	'6450810_/_43920170_2'	0.17	0.4	3.33	0.608	0.53	0.89	0.6 No	0.17	Primary Over-Voltage
STY063	583	'8028922_/_8028919'	0.5	1.2	10	1.832	0.6	2.62	1.79 No	0.5	Primary Over-Voltage
STY063	584	'6448153_/_6448163'	0.17	0.4	3.33	0.608	1.1	0.9	0.6 No	0.17	Primary Over-Voltage
STY063	585	'434875588_/_434875585'	0.5	1.2	10	1.832	0.9	2.63	1.79 No	0.5	Primary Over-Voltage
STY063	586	'6454833_/_43920421'	0.17	0.4	3.33	0.608	0.53	0.89	0.6 No	0.17	Primary Over-Voltage
STY063	587	'6487543_/_6487553'	0.17	0.4	3.33	0.608	1.1	0.89	0.6 No	0.17	Primary Over-Voltage
STY063	588	'6487488_/_6487485'	0.17	0.4	3.33	0.608	1.1	0.89	0.6 No	0.17	Primary Over-Voltage
STY063	589	'6497155_/_6497191'	0.17	0.4	3.33	0.608	1.2	0.89	0.6 No	0.17	Primary Over-Voltage
STY063	590	'6504443_/_7131452_1'	0.17	0.4	3.33	0.608	1.1	0.89	0.6 No	0.17	Primary Over-Voltage
STY063	591	'8130766_/_8130763'	0.5	1.2	10	1.832	0.6	2.6	1.79 No	0.5	Primary Over-Voltage
STY063	592	'6448724_/_6448742'	0.5	1.2	10	1.832	1.6	2.65	1.79 No	0.5	Primary Over-Voltage
STY063	593	'40347999_/_9373090_1'	0.5	1.2	10	1.832	0.6	2.6	1.79 No	0.5	Primary Over-Voltage
STY063	594	'6497168_/_6497178'	0.17	0.4	3.33	0.608	1.1	0.89	0.6 No	0.17	Primary Over-Voltage
STY063	595	'43920168_/_43920170_1'	0.17	0.4	3.33	0.608	0.3	0.88	0.6 No	0.17	Primary Over-Voltage
STY063	596	'6448140_/_6448150'	0.17	0.4	3.33	0.608	1.1	0.88	0.6 No	0.17	Primary Over-Voltage
STY063	597	'43919503_/_6497152'	0.17	0.4	3.33	0.608	1.1	0.88	0.6 No	0.17	Primary Over-Voltage
STY063	598	'6487542_/_6487540'	0.17	0.4	3.33	0.608	1.1	0.88	0.6 No	0.17	Primary Over-Voltage
STY063	599	'7109787_/_7109784'	0.17	0.4	3.33	0.608	1.1	0.88	0.6 No	0.17	Primary Over-Voltage
STY063	600	'6448725_/_6448722'	0.5	1.2	10	1.832	1.6	2.62	1.79 No	0.5	Primary Over-Voltage
STY063	601	'6497207_/_6497204'	0.17	0.4	3.33	0.608	1.1	0.88	0.6 No	0.17	Primary Over-Voltage
STY063	602	'43929717_/_6504440'	0.17	0.4	3.33	0.608	1.1	0.88	0.6 No	0.17	Primary Over-Voltage
STY063	603	'6448765_/_6448762'	0.5	1.2	10	1.832	1.6	2.61	1.79 No	0.5	Primary Over-Voltage
STY063	604	'6448712_/_6448833_2'	0.17	0.4	3.33	0.608	0.53	0.87	0.6 No	0.17	Primary Over-Voltage
STY063	605	'6448699_/_6448833_1'	0.17	0.4	3.33	0.608	0.3	0.87	0.6 No	0.17	Primary Over-Voltage
STY063	606	'6492331_/_6497165'	0.17	0.4	3.33	0.608	1.1	0.87	0.6 No	0.17	Primary Over-Voltage
STY063	607	'43919455_/_43919457'	0.17	0.4	3.33	0.608	1.1	0.87	0.6 No	0.17	Primary Over-Voltage
STY063	608	'43929366_/_6497217'	0.17	0.4	3.33	0.608	1.1	0.87	0.6 No	0.17	Primary Over-Voltage
STY063	609	'6448904_/_6450794'	0.17	0.4	3.33	0.608	0.3	0.86	0.6 No	0.17	Primary Over-Voltage
STY063	610	'6495800_/_6495842'	0.17	0.4	3.33	0.608	1.1	0.87	0.6 No	0.17	Primary Over-Voltage
STY063	611	'6448127_/_6448124_2'	0.17	0.4	3.33	0.608	1.1	0.87	0.6 No	0.17	Primary Over-Voltage
STY063	612	'6492942_/_6504427'	0.17	0.4	3.33	0.608	1.1	0.86	0.6 No	0.17	Primary Over-Voltage
STY063	613	'6448192_/_7109810'	0.17	0.4	3.33	0.608	1.1	0.86	0.6 No	0.17	Primary Over-Voltage
STY063	614	'88771029_/_6492953'	0.17	0.4	3.33	0.608	1.1	0.86	0.6 No	0.17	Primary Over-Voltage
STY063	615	'6492441_/_6492451'	0.17	0.4	3.33	0.608	1.1	0.86	0.6 No	0.17	Primary Over-Voltage
STY063	616	'6448782_/_6448779'	0.5	1.2	10	1.832	1.6	2.56	1.79 No	0.5	Primary Over-Voltage
STY063	617	'6448683_/_6448696'	0.17	0.4	3.33	0.608	0.3	0.85	0.6 No	0.17	Primary Over-Voltage
STY063	618	'6448114_/_6448124_1'	0.17	0.4	3.33	0.608	1.1	0.86	0.6 No	0.17	Primary Over-Voltage
STY063	619	'43926386_/_6495813'	0.17	0.4	3.33	0.608	1.1	0.86	0.6 No	0.17	Primary Over-Voltage
STY063	620	'6492482_/_6497230'	0.17	0.4	3.33	0.608	1.1	0.86	0.6 No	0.17	Primary Over-Voltage
STY063	621	'6492315_/_6492328'	0.17	0.4	3.33	0.608	1.1	0.86	0.6 No	0.17	Primary Over-Voltage
STY063	622	'6448891_/_6448901'	0.17	0.4	3.33	0.608	0.3	0.85	0.6 No	0.17	Primary Over-Voltage
STY063	623	'6486631_/_6495826'	0.17	0.4	3.33	0.608	1.1	0.85	0.6 No	0.17	Primary Over-Voltage
STY063	624	'6448682_/_6448680'	0.17	0.4	3.33	0.608	0.3	0.84	0.6 No	0.17	Primary Over-Voltage
STY063	625	'6448799_/_6448796'	0.5	1.2	10	1.832	1.6	2.54	1.79 No	0.5	Primary Over-Voltage
STY063	626	'6492344_/_6492438'	0.17	0.4	3.33	0.608	1.1	0.85	0.6 No	0.17	Primary Over-Voltage
STY063	627	'88770994_/_6492341'	0.17	0.4	3.33	0.608	1.1	0.85	0.6 No	0.17	Primary Over-Voltage
STY063	628	'6492356_/_6492354'	0.17	0.4	3.33	0.608	1.1	0.85	0.6 No	0.17	Primary Over-Voltage
STY063	629	'6492511_/_6497243'	0.17	0.4	3.33	0.608	1.1	0.85	0.6 No	0.17	Primary Over-Voltage
STY063	630	'6492467_/_6492940'	0.17	0.4	3.33	0.608	1.1	0.85	0.6 No	0.17	Primary Over-Voltage
STY063	631	'6448101_/_6448111'	0.17	0.4	3.33	0.608	1.1	0.85	0.6 No	0.17	Primary Over-Voltage
STY063	632	'43928707_/_6492425'	0.17	0.4	3.33	0.608	1.1	0.85	0.6 No	0.17	Primary Over-Voltage
STY063	633	'43919492_/_43919494'	0.17	0.4	3.33	0.608	1.1	0.84	0.6 No	0.17	Primary Over-Voltage
STY063	634	'6487449_/_43926388'	0.17	0.4	3.33	0.608	1.1	0.84	0.6 No	0.17	Primary Over-Voltage
STY063	635	'6492512_/_6492509'	0.17	0.4	3.33	0.608	1.1	0.84	0.6 No	0.17	Primary Over-Voltage
STY063	636	'6492483_/_6492480'	0.17	0.4	3.33	0.608	1.1	0.84	0.6 No	0.17	Primary Over-Voltage
STY063	637	'6448220_/_6448813'	0.5	1.1	10	1.832	1.6	2.51	1.79 No	0.5	Primary Over-Voltage
STY063	638	'6448890_/_6448888'	0.17	0.37	3.33	0.608	0.3	0.84	0.6 No	0.17	Primary Over-Voltage
STY063	639	'6492302_/_6492312'	0.17	0.4	3.33	0.608	1.1	0.84	0.6 No	0.17	Primary Over-Voltage
STY063	640	'6492466_/_6492464'	0.17	0.4	3.33	0.608	1.1	0.84	0.6 No	0.17	Primary Over-Voltage
STY063	641	'43928800_/_6492383'	0.17	0.4	3.33	0.608	1.1	0.84	0.6 No	0.17	Primary Over-Voltage
STY063	642	'6486630_/_6486628'	0.17	0.37	3.33	0.608	1.1	0.84	0.6 No	0.17	Primary Over-Voltage
STY063	643	'6492399_/_43928802'	0.17	0.4	3.33	0.608	1.1	0.84	0.6 No	0.17	Primary Over-Voltage
STY063	644	'43928789_/_6492409'	0.17	0.4	3.33	0.608	1.1	0.84	0.6 No	0.17	Primary Over-Voltage
STY063	645	'6495799_/_6495797'	0.17	0.37	3.33	0.608	0.9	0.84	0.6 No	0.17	Primary Over-Voltage
STY063	646	'6492658_/_6492668'	0.17	0.37	3.33	0.608	1.1	0.84	0.6 No	0.17	Primary Over-Voltage
STY063	647	'6492428_/_43928709'	0.17	0.37	3.33	0.608	1.1	0.84	0.6 No	0.17	Primary Over-Voltage
STY063	648	'6492528_/_6492525'	0.17	0.37	3.33	0.608	1.1	0.83	0.6 No	0.17	Primary Over-Voltage
STY063	649	'6492301_/_6492299'	0.17	0.37	3.33	0.608	1.1	0.83	0.6 No	0.17	Primary Over-Voltage
STY063	650	'6492496_/_6492493'	0.17	0.37	3.33	0.608	1.1	0.83	0.6 No	0.17	Primary Over-Voltage
STY063	651	'6448221_/_6448218'	0.5	1.1	10	1.832	1.6	2.48	1.79 No	0.5	Primary Over-Voltage
STY063	652	'6487462_/_6487459'	0.17	0.37	3.33	0.608	1.1	0.83	0.6 No	0.17	Primary Over-Voltage
STY063	653	'6448204_/_6448202_1'	0.17	0.37	3.33	0.608	0.3	0.83	0.6 No	0.17	Primary Over-Voltage
STY063	654	'6448088_/_6448098'	0.17	0.37	3.33	0.608	1.1	0.83	0.6 No	0.17	Primary Over-Voltage
STY063	655	'6492686_/_6492684'	0.17	0.37	3.33	0.608	1.1	0.83	0.6 No	0.17	Primary Over-Voltage
STY063	656	'6448191_/_6448189'	0.17	0.37	3.33	0.608	1.1	0.83	0.6 No	0.17	Primary Over-Voltage
STY063	657	'6492541_/_6492538'	0.17	0.37	3.33	0.608	1.1	0.83	0.6 No	0.17	Primary Over-Voltage
STY063	658	'43920271_/_6453922'	0.17	0.37	3.33	0.608	0.3	0.82	0.6 No	0.17	Primary Over-Voltage
STY063	659	'43928833_/_43928835'	0.17	0.37	3.33	0.608	1.1	0.82	0.6 No	0.17	Primary Over-Voltage
STY063	660	'6449109_/_6449107'	0.17	0.37	3.33	0.608	0.3	0.82	0.6 No	0.17	Primary Over-Voltage
STY063	661	'43919548_/_6448202_2'	0.17	0.37	3.33	0.608	0.3	0.82	0.6 No	0.17	Primary Over-Voltage
STY063	662	'6487475_/_6487472'	0.17	0.37	3.33	0.608	1.1	0.82	0.6 No	0.17	Primary Over-Voltage
STY063	663	'6492968_/_6492966'	0.17	0.37	3.33	0.608	1.1	0.82	0.6 No	0.17	Primary Over-Voltage
STY063	664	'43928778_/_43928791'	0.17	0.37	3.33	0.608	1.1	0.82	0.6 No	0.17	Primary Over-Voltage
STY063	665	'6448241_/_6448238'	0.5	1.1	10	1.832	1.6	2.44	1.79 No	0.5	Primary Over-Voltage
STY063	666	'6487516_/_6492979'	0.17	0.37	3.33	0.608	1.1	0.82	0.6 No	0.17	Primary Over-Voltage
STY063	667	'6492917_/_6493056'	0.17	0.37	3.33	0.608	1.1	0.82	0.6 No	0.17	Primary Over-Voltage
STY063	668	'6492632_/_6492642'	0.17	0.37	3.33	0.608	1.1	0.82	0.6 No	0.17	Primary Over-Voltage
STY063	669	'43926397_/_6495914'	0.17	0.37	3.33	0.608	1.1	0.81	0.6 No	0.17	Primary Over-Voltage
STY063	670	'6448848_/_6453935'	0.17	0.37	3.33	0.608	0.3	0.81	0.6 No	0.17	Primary Over-Voltage
STY063	671	'6448075_/_6448085'	0.17	0.37	3.33	0.608	1.1	0.81	0.6 No	0.17	Primary Over-Voltage
STY063	672	'6448205_/_43919550'	0.17	0.37	3.33	0.608	0.3	0.81	0.6 No	0.17	Primary Over-Voltage
STY063	673	'43926408_/_6487514'	0.17	0.37	3.33	0.608	1.1	0.81	0.6 No	0.17	Primary Over-Voltage
STY063	674	'44697793_/_6495927'	0.17	0.37	3.33	0.608	1.1	0.81	0.6 No	0.17	Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
STY063	675	'6448049_/_6448072'		0.17	0.37	3.33	0.608	1.1	0.81	0.6 No	0.17 Primary Over-Voltage
STY063	676	'6448849_/_6448846'		0.17	0.37	3.33	0.608	0.3	0.8	0.6 No	0.17 Primary Over-Voltage
STY063	677	'6492606_/_6492629'		0.17	0.37	3.33	0.608	1.1	0.8	0.6 No	0.17 Primary Over-Voltage
STY063	678	'6448271_/_6448268'		0.5	1.1	10	1.832	1.6	2.4	1.79 No	0.5 Primary Over-Voltage
STY063	679	'6492370_/_43928780'		0.17	0.37	3.33	0.608	1.1	0.8	0.6 No	0.17 Primary Over-Voltage
STY063	680	'413813255_/_413813326'		0.13	0.4	3.33	0.608	0.8	0.74	0.6 No	0.13 Primary Over-Voltage
STY063	681	'8663374_/_246872128'		0.13	0.4	3.33	0.608	0.8	0.74	0.6 No	0.13 Primary Over-Voltage
STY063	682	'6448287_/_6448285_1'		0.17	0.37	3.33	0.608	0.3	0.8	0.6 No	0.17 Primary Over-Voltage
STY063	683	'479530604_/_43928846'		0.17	0.37	3.33	0.608	1.1	0.8	0.6 No	0.17 Primary Over-Voltage
STY063	684	'479530614_/_43928857'		0.17	0.37	3.33	0.608	1.1	0.8	0.6 No	0.17 Primary Over-Voltage
STY063	685	'6448288_/_6448285_2'		0.17	0.37	3.33	0.608	0.3	0.8	0.6 No	0.17 Primary Over-Voltage
STY063	686	'43919559_/_6448859'		0.17	0.37	3.33	0.608	0.3	0.79	0.6 No	0.17 Primary Over-Voltage
STY063	687	'6492593_/_6492603'		0.17	0.37	3.33	0.608	1.1	0.8	0.6 No	0.17 Primary Over-Voltage
STY063	688	'37921615_/_37921612'		0.13	0.4	3.33	0.608	0.8	0.73	0.6 No	0.13 Primary Over-Voltage
STY063	689	'7405548_/_37921619'		0.13	0.4	3.33	0.608	0.8	0.73	0.6 No	0.13 Primary Over-Voltage
STY063	690	'6492716_/_6492726'		0.17	0.37	3.33	0.608	1.1	0.79	0.6 No	0.17 Primary Over-Voltage
STY063	691	'6448330_/_6448327'		0.5	1.1	10	1.832	1.6	2.37	1.79 No	0.5 Primary Over-Voltage
STY063	692	'6448036_/_6448046'		0.17	0.37	3.33	0.608	1.1	0.79	0.6 No	0.17 Primary Over-Voltage
STY063	693	'43926420_/_43926410'		0.17	0.37	3.33	0.608	1.1	0.79	0.6 No	0.17 Primary Over-Voltage
STY063	694	'43919388_/_43919390'		0.17	0.37	3.33	0.608	1.1	0.79	0.6 No	0.17 Primary Over-Voltage
STY063	695	'7405549_/_7405546'		0.13	0.4	3.33	0.608	0.8	0.73	0.6 No	0.13 Primary Over-Voltage
STY063	696	'43919570_/_6448872'		0.17	0.37	3.33	0.608	0.3	0.78	0.6 No	0.17 Primary Over-Voltage
STY063	697	'43919537_/_6448298'		0.17	0.37	3.33	0.608	0.3	0.79	0.6 No	0.17 Primary Over-Voltage
STY063	698	'6492700_/_6492713'		0.17	0.37	3.33	0.608	1.1	0.79	0.6 No	0.17 Primary Over-Voltage
STY063	699	'6448364_/_6448361'		0.5	1.1	10	1.832	1.6	2.36	1.79 No	0.5 Primary Over-Voltage
STY063	700	'8400774_/_8400772_1'		0.17	0.37	3.33	0.608	0.3	0.78	0.6 No	0.17 Primary Over-Voltage
STY063	701	'6492580_/_6492590'		0.17	0.37	3.33	0.608	1.1	0.79	0.6 No	0.17 Primary Over-Voltage
STY063	702	'6492618_/_6492616'		0.17	0.37	3.33	0.608	1.1	0.79	0.6 No	0.17 Primary Over-Voltage
STY063	703	'6448384_/_6448381'		0.5	1.1	10	1.832	1.6	2.34	1.79 No	0.5 Primary Over-Voltage
STY063	704	'43928866_/_43928868'		0.17	0.37	3.33	0.608	1.1	0.78	0.6 No	0.17 Primary Over-Voltage
STY063	705	'7764888_/_7764885_2'		0.5	1.1	10	1.832	1.6	2.34	1.79 No	0.5 Primary Over-Voltage
STY063	706	'6448875_/_43919572'		0.17	0.37	3.33	0.608	0.3	0.78	0.6 No	0.17 Primary Over-Voltage
STY063	707	'6448403_/_6448401_1'		0.17	0.33	3.33	0.608	1.1	0.78	0.6 No	0.17 Primary Over-Voltage
STY063	708	'6448301_/_43919539'		0.17	0.37	3.33	0.608	0.3	0.78	0.6 No	0.17 Primary Over-Voltage
STY063	709	'6448023_/_6448033'		0.17	0.37	3.33	0.608	1.1	0.78	0.6 No	0.17 Primary Over-Voltage
STY063	710	'6447751_/_6447761'		0.17	0.37	3.33	0.608	1.1	0.78	0.6 No	0.17 Primary Over-Voltage
STY063	711	'250993943_/_250993932'		0.17	0.37	3.33	0.608	1.1	0.78	0.6 No	0.17 Primary Over-Voltage
STY063	712	'6492699_/_6492697'		0.17	0.37	3.33	0.608	1.1	0.78	0.6 No	0.17 Primary Over-Voltage
STY063	713	'8400775_/_8400772_2'		0.17	0.37	3.33	0.608	0.3	0.78	0.6 No	0.17 Primary Over-Voltage
STY063	714	'6487530_/_43926422'		0.17	0.37	3.33	0.608	1.1	0.78	0.6 No	0.17 Primary Over-Voltage
STY063	715	'7764887_/_7764885_1'		0.5	1.1	10	1.832	0.9	2.32	1.79 No	0.5 Primary Over-Voltage
STY063	716	'43928822_/_6492577'		0.17	0.37	3.33	0.608	1.1	0.77	0.6 No	0.17 Primary Over-Voltage
STY063	717	'250993962_/_250993950'		0.17	0.37	3.33	0.608	1.1	0.77	0.6 No	0.17 Primary Over-Voltage
STY063	718	'43920443_/_6455082'		0.17	0.37	3.33	0.608	1.1	0.77	0.6 No	0.17 Primary Over-Voltage
STY063	719	'6492810_/_6492820'		0.17	0.37	3.33	0.608	1.1	0.77	0.6 No	0.17 Primary Over-Voltage
STY063	720	'6447750_/_6447748'		0.17	0.37	3.33	0.608	1.1	0.77	0.6 No	0.17 Primary Over-Voltage
STY063	721	'43919603_/_43919605'		0.17	0.37	3.33	0.608	0.3	0.76	0.6 No	0.17 Primary Over-Voltage
STY063	722	'6492875_/_6492888'		0.17	0.37	3.33	0.608	1.1	0.77	0.6 No	0.17 Primary Over-Voltage
STY063	723	'6447906_/_6448020'		0.17	0.37	3.33	0.608	1.1	0.77	0.6 No	0.17 Primary Over-Voltage
STY063	724	'6492554_/_6492564'		0.17	0.37	3.33	0.608	1.1	0.76	0.6 No	0.17 Primary Over-Voltage
STY063	725	'431031293_/_431031290'		0.17	0.37	3.33	0.608	1.1	0.76	0.6 No	0.17 Primary Over-Voltage
STY063	726	'43919377_/_43919379'		0.17	0.37	3.33	0.608	1.1	0.76	0.6 No	0.17 Primary Over-Voltage
STY063	727	'43928888_/_6492872'		0.17	0.37	3.33	0.608	1.1	0.76	0.6 No	0.17 Primary Over-Voltage
STY063	728	'6448061_/_43920445'		0.17	0.37	3.33	0.608	1.1	0.76	0.6 No	0.17 Primary Over-Voltage
STY063	729	'6449123_/_6450026'		0.17	0.37	3.33	0.608	0.3	0.75	0.6 No	0.17 Primary Over-Voltage
STY063	730	'43928910_/_43928912'		0.17	0.37	3.33	0.608	1.1	0.76	0.6 No	0.17 Primary Over-Voltage
STY063	731	'9030358_/_9030355'		0.17	0.37	3.33	0.608	0.3	0.75	0.6 No	0.17 Primary Over-Voltage
STY063	732	'43919399_/_6448007'		0.17	0.37	3.33	0.608	1.1	0.75	0.6 No	0.17 Primary Over-Voltage
STY063	733	'6447722_/_6447735'		0.17	0.33	3.33	0.608	1.1	0.75	0.6 No	0.17 Primary Over-Voltage
STY063	734	'6492861_/_6492859'		0.17	0.33	3.33	0.608	1.1	0.75	0.6 No	0.17 Primary Over-Voltage
STY063	735	'43928811_/_6492551'		0.17	0.33	3.33	0.608	1.1	0.75	0.6 No	0.17 Primary Over-Voltage
STY063	736	'6447893_/_6447903'		0.17	0.33	3.33	0.608	1.1	0.75	0.6 No	0.17 Primary Over-Voltage
STY063	737	'43919444_/_6448059'		0.17	0.33	3.33	0.608	1.1	0.75	0.6 No	0.17 Primary Over-Voltage
STY063	738	'479482029_/_43919594'		0.17	0.33	3.33	0.608	0.3	0.74	0.6 No	0.17 Primary Over-Voltage
STY063	739	'65569545_/_6449094'		0.17	0.33	3.33	0.608	0.3	0.74	0.6 No	0.17 Primary Over-Voltage
STY063	740	'6448010_/_43919401'		0.17	0.33	3.33	0.608	1.1	0.74	0.6 No	0.17 Primary Over-Voltage
STY063	741	'65569569_/_8029015_2'		0.17	0.33	3.33	0.608	0.3	0.74	0.6 No	0.17 Primary Over-Voltage
STY063	742	'6492771_/_6492794'		0.17	0.33	3.33	0.608	1.1	0.74	0.6 No	0.17 Primary Over-Voltage
STY063	743	'43928877_/_43928879'		0.17	0.33	3.33	0.608	1.1	0.74	0.6 No	0.17 Primary Over-Voltage
STY063	744	'7719610_/_7719608'		0.13	0.37	3.33	0.608	1.17	0.7	0.6 No	0.13 Primary Over-Voltage
STY063	745	'6447932_/_6447929'		0.17	0.33	3.33	0.608	1.1	0.74	0.6 No	0.17 Primary Over-Voltage
STY063	746	'6447721_/_6447719'		0.17	0.33	3.33	0.608	1.1	0.74	0.6 No	0.17 Primary Over-Voltage
STY063	747	'6504203_/_6504201'		0.17	0.33	3.33	0.608	1.1	0.74	0.6 No	0.17 Primary Over-Voltage
STY063	748	'6447892_/_6447890'		0.17	0.33	3.33	0.608	1.1	0.74	0.6 No	0.17 Primary Over-Voltage
STY063	749	'314098736_/_314098740'		0.17	0.33	3.33	0.608	0.3	0.73	0.6 No	0.17 Primary Over-Voltage
STY063	750	'6492755_/_6492768'		0.17	0.33	3.33	0.608	1.1	0.74	0.6 No	0.17 Primary Over-Voltage
STY063	751	'6448550_/_6448560'		0.17	0.33	3.33	0.608	1.1	0.73	0.6 No	0.17 Primary Over-Voltage
STY063	752	'43919366_/_43919368'		0.17	0.33	3.33	0.608	1.1	0.73	0.6 No	0.17 Primary Over-Voltage
STY063	753	'43919581_/_6449081'		0.17	0.33	3.33	0.608	0.3	0.73	0.6 No	0.17 Primary Over-Voltage
STY063	754	'43919410_/_6447942'		0.17	0.33	3.33	0.608	1.1	0.73	0.6 No	0.17 Primary Over-Voltage
STY063	755	'44697780_/_6495175'		0.17	0.33	3.33	0.608	1.1	0.73	0.6 No	0.17 Primary Over-Voltage
STY063	756	'6492742_/_6492752'		0.17	0.33	3.33	0.608	1.1	0.73	0.6 No	0.17 Primary Over-Voltage
STY063	757	'6448404_/_7109823'		0.17	0.33	3.33	0.608	1.1	0.73	0.6 No	0.17 Primary Over-Voltage
STY063	758	'6492836_/_6492846'		0.17	0.33	3.33	0.608	1.1	0.72	0.6 No	0.17 Primary Over-Voltage
STY063	759	'8029018_/_8029015_1'		0.17	0.33	3.33	0.608	0.2	0.72	0.6 No	0.17 Primary Over-Voltage
STY063	760	'6448537_/_6448547'		0.17	0.33	3.33	0.608	1.1	0.72	0.6 No	0.17 Primary Over-Voltage
STY063	761	'6447695_/_6447706'		0.17	0.33	3.33	0.608	1.1	0.72	0.6 No	0.17 Primary Over-Voltage
STY063	762	'6448576_/_6448573'		0.17	0.33	3.33	0.608	1.1	0.72	0.6 No	0.17 Primary Over-Voltage
STY063	763	'6447683_/_6447693'		0.17	0.33	3.33	0.608	1.1	0.72	0.6 No	0.17 Primary Over-Voltage
STY063	764	'6448510_/_6448521'		0.17	0.33	3.33	0.608	1.1	0.72	0.6 No	0.17 Primary Over-Voltage
STY063	765	'6447958_/_6447955'		0.17	0.33	3.33	0.608	1.1	0.72	0.6 No	0.17 Primary Over-Voltage
STY063	766	'6492741_/_6492739'		0.17	0.33	3.33	0.608	1.1	0.72	0.6 No	0.17 Primary Over-Voltage
STY063	767	'65569500_/_65569507'		0.17	0.33	3.33	0.608	0.2	0.71	0.6 No	0.17 Primary Over-Voltage
STY063	768	'6449058_/_6449068'		0.17	0.33	3.33	0.608	0.3	0.71	0.6 No	0.17 Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
STY063	769	'6492835_/_6492833'		0.17	0.33	3.33	0.608	1.1	0.72	0.6 No	0.17 Primary Over-Voltage
STY063	770	'6448536_/_6448534'		0.17	0.33	3.33	0.608	1.1	0.71	0.6 No	0.17 Primary Over-Voltage
STY063	771	'6447682_/_6447680'		0.17	0.33	3.33	0.608	1.1	0.71	0.6 No	0.17 Primary Over-Voltage
STY063	772	'6449944_/_6449941'		0.17	0.33	3.33	0.608	1.1	0.71	0.6 No	0.17 Primary Over-Voltage
STY063	773	'6448511_/_6448508'		0.17	0.33	3.33	0.608	1.1	0.71	0.6 No	0.17 Primary Over-Voltage
STY063	774	'43928899_/_43928901'		0.17	0.33	3.33	0.608	1.1	0.71	0.6 No	0.17 Primary Over-Voltage
STY063	775	'6447971_/_6447968'		0.17	0.33	3.33	0.608	1.1	0.71	0.6 No	0.17 Primary Over-Voltage
STY063	776	'6448416_/_6449055'		0.17	0.33	3.33	0.608	0.3	0.7	0.6 No	0.17 Primary Over-Voltage
STY063	777	'6448602_/_6448612'		0.17	0.33	3.33	0.608	1.1	0.71	0.6 No	0.17 Primary Over-Voltage
STY063	778	'43919514_/_6449954'		0.17	0.33	3.33	0.608	1.1	0.7	0.6 No	0.17 Primary Over-Voltage
STY063	779	'6448417_/_6448414'		0.17	0.33	3.33	0.608	0.3	0.7	0.6 No	0.17 Primary Over-Voltage
STY063	780	'43919421_/_6447981'		0.17	0.33	3.33	0.608	1.1	0.7	0.6 No	0.17 Primary Over-Voltage
STY063	781	'6492783_/_6492781'		0.17	0.33	3.33	0.608	1.1	0.7	0.6 No	0.17 Primary Over-Voltage
STY063	782	'6450836_/_6450833'		0.17	0.33	3.33	0.608	1.1	0.7	0.6 No	0.17 Primary Over-Voltage
STY063	783	'6448601_/_6448599'		0.17	0.33	3.33	0.608	1.1	0.69	0.6 No	0.17 Primary Over-Voltage
STY063	784	'6448430_/_6448427'		0.17	0.33	3.33	0.608	0.3	0.69	0.6 No	0.17 Primary Over-Voltage
STY063	785	'74423298_/_43919516'		0.17	0.33	3.33	0.608	1.1	0.69	0.6 No	0.17 Primary Over-Voltage
STY063	786	'74423396_/_74423324_1'		0.17	0.33	3.33	0.608	0.2	0.69	0.6 No	0.17 Primary Over-Voltage
STY063	787	'43919433_/_43919423'		0.17	0.33	3.33	0.608	1.1	0.69	0.6 No	0.17 Primary Over-Voltage
STY063	788	'6448443_/_6448440'		0.17	0.33	3.33	0.608	0.3	0.68	0.6 No	0.17 Primary Over-Voltage
STY063	789	'6448456_/_6448453'		0.17	0.33	3.33	0.608	0.3	0.67	0.6 No	0.17 Primary Over-Voltage
STY063	790	'6447997_/_43919435'		0.17	0.33	3.33	0.608	0.2	0.68	0.6 No	0.17 Primary Over-Voltage
STY063	791	'9657928_/_74423324_2'		0.17	0.33	3.33	0.608	0.2	0.68	0.6 No	0.17 Primary Over-Voltage
STY063	792	'6448469_/_6448466'		0.17	0.33	3.33	0.608	0.3	0.67	0.6 No	0.17 Primary Over-Voltage
STY063	793	'8111869_/_8111866'		0.17	0.3	3.33	0.608	0.2	0.67	0.6 No	0.17 Primary Over-Voltage
STY063	794	'6448482_/_6448479'		0.17	0.3	3.33	0.608	0.3	0.66	0.6 No	0.17 Primary Over-Voltage
STY063	795	'7765323_/_8401324'		0.17	0.3	3.33	0.608	0.2	0.66	0.6 No	0.17 Primary Over-Voltage
STY063	796	'6448495_/_6448492'		0.17	0.3	3.33	0.608	0.3	0.66	0.6 No	0.17 Primary Over-Voltage
STY063	797	'7451932_/_7765321'		0.17	0.3	3.33	0.608	0.2	0.66	0.6 No	0.17 Primary Over-Voltage
STY063	798	'7451933_/_7451930'		0.17	0.3	3.33	0.608	0.2	0.65	0.6 No	0.17 Primary Over-Voltage
STY065	0	'STY065_/_8663803'		10	10	10	0.91	10	10	10	0.91 Thermal Discharging
STY065	1	'8663527_/_8663803'		10	10	10	0.91	10	10	3.38 No	0.91 Thermal Discharging
STY065	2	'115037567_/_75824640_1'		10	10	10	0.91	10	10	3.38 No	0.91 Thermal Discharging
STY065	3	'75823951_/_75824640_2'		10	10	10	0.91	10	10	3.38 No	0.91 Thermal Discharging
STY065	4	'5570047_/_5570166'		10	10	10	0.91	10	10	3.38 No	0.91 Thermal Discharging
STY065	5	'5570046_/_5570044'		10	10	10	0.91	10	10	3.38 No	0.91 Thermal Discharging
STY065	6	'5576804_/_5576802'		10	10	10	0.91	10	10	3.38 No	0.91 Thermal Discharging
STY065	7	'4514190_/_7083272'		10	10	10	0.91	10	10	3.38 No	0.91 Thermal Discharging
STY065	8	'4514191_/_4514205_1'		10	10	10	0.91	1.5	10	3.38 No	0.91 Thermal Discharging
STY065	9	'4504723_/_4514225'		10	10	10	0.91	10	10	3.38 No	0.91 Thermal Discharging
STY065	10	'4514208_/_4514205_2'		10	10	10	0.91	1.5	10	3.38 No	0.91 Thermal Discharging
STY065	11	'4504722_/_4504720'		10	10	10	0.91	10	10	3.38 No	0.91 Thermal Discharging
STY065	12	'7640951_/_7959857_1'		10	10	10	0.91	1.4	10	3.38 No	0.91 Thermal Discharging
STY065	13	'4505288_/_4505302'		10	10	10	0.91	10	10	3.38 No	0.91 Thermal Discharging
STY065	14	'7325981_/_7325979_1'		10	10	10	0.91	1.4	10	3.38 No	0.91 Thermal Discharging
STY065	15	'43523566_/_43523568'		10	10	10	0.91	10	10	3.38 No	0.91 Thermal Discharging
STY065	16	'43740160_/_7083309'		6.67	6.67	6.67	0.61	1	6.67	2.25 No	0.61 Thermal Discharging
STY065	17	'4504672_/_4504686'		10	10	10	0.91	10	10	3.38 No	0.91 Thermal Discharging
STY065	18	'7325982_/_7325979_2'		10	10	10	0.91	1.4	10	3.38 No	0.91 Thermal Discharging
STY065	19	'7959860_/_7959857_2'		10	10	10	0.91	1.4	10	3.38 No	0.91 Thermal Discharging
STY065	20	'4504655_/_4504669'		10	10	10	0.91	10	10	3.38 No	0.91 Thermal Discharging
STY065	21	'38590913_/_4514259'		10	10	10	0.91	1.5	10	3.38 No	0.91 Thermal Discharging
STY065	22	'4504638_/_4504652'		10	10	10	0.91	10	10	3.38 No	0.91 Thermal Discharging
STY065	23	'5566387_/_43740162'		6.67	6.67	6.67	0.61	1	6.67	2.25 No	0.61 Thermal Discharging
STY065	24	'4504637_/_4504635'		10	10	10	0.91	10	10	3.38 No	0.91 Thermal Discharging
STY065	25	'4504975_/_4504973'		10	10	10	0.91	10	10	3.38 No	0.91 Thermal Discharging
STY065	26	'695699303_/_695699248_2'		10	10	10	0.91	5.1	10	3.38 No	0.91 Thermal Discharging
STY065	27	'4504992_/_4504990'		10	10	10	0.91	10	10	3.38 No	0.91 Thermal Discharging
STY065	28	'4516229_/_4516227'		10	10	10	0.91	10	10	3.38 No	0.91 Thermal Discharging
STY065	29	'4514299_/_4516301'		10	10	10	0.91	10	10	3.38 No	0.91 Thermal Discharging
STY065	30	'4514298_/_4514296'		10	10	10	0.91	10	10	3.38 No	0.91 Thermal Discharging
STY065	31	'4516179_/_4516281'		10	10	10	0.91	10	10	3.38 No	0.91 Thermal Discharging
STY065	32	'4504482_/_4516176'		10	10	10	0.91	10	10	3.38 No	0.91 Thermal Discharging
STY065	33	'4504465_/_4504479'		10	10	10	0.91	10	10	3.38 No	0.91 Thermal Discharging
STY065	34	'4504363_/_4504462'		10	10	10	0.91	10	10	3.38 No	0.91 Thermal Discharging
STY065	35	'115589082_/_5566385'		6.67	6.67	6.67	0.61	1	6.67	2.25 No	0.61 Thermal Discharging
STY065	36	'4504346_/_4504360'		10	10	10	0.91	10	10	3.38 No	0.91 Thermal Discharging
STY065	37	'4504329_/_4504343'		10	10	10	0.91	10	10	3.38 No	0.91 Thermal Discharging
STY065	38	'4504261_/_4504326'		10	10	10	0.91	10	10	3.38 No	0.91 Thermal Discharging
STY065	39	'700152789_/_695699248_1'		10	10	10	0.91	1.4	10	3.38 No	0.91 Thermal Discharging
STY065	40	'4504244_/_4504258'		10	10	10	0.91	10	10	3.38 No	0.91 Thermal Discharging
STY065	41	'4504227_/_4504241'		10	10	10	0.91	10	10	3.38 No	0.91 Thermal Discharging
STY065	42	'4504074_/_4504224'		10	10	10	0.91	10	10	3.38 No	0.91 Thermal Discharging
STY065	43	'4504057_/_4504071'		10	10	10	0.91	10	10	3.38 No	0.91 Thermal Discharging
STY065	44	'4504040_/_4504054'		10	10	10	0.91	10	10	3.38 No	0.91 Thermal Discharging
STY065	45	'7127254_/_115589084'		6.67	6.67	6.67	0.61	1	6.67	2.25 No	0.61 Thermal Discharging
STY065	46	'4503972_/_4504037'		10	10	10	0.91	10	10	3.38 No	0.91 Thermal Discharging
STY065	47	'4503955_/_4503969'		10	10	10	0.91	10	10	3.38 No	0.91 Thermal Discharging
STY065	48	'4503938_/_4503952'		10	10	10	0.91	10	10	3.38 No	0.91 Thermal Discharging
STY065	49	'4503870_/_4503935'		10	10	10	0.91	10	10	3.38 No	0.91 Thermal Discharging
STY065	50	'4503853_/_4503867'		10	10	10	0.91	10	10	3.38 No	0.91 Thermal Discharging
STY065	51	'4503852_/_4503850'		10	10	10	0.91	10	10	3.38 No	0.91 Thermal Discharging
STY065	52	'4547467_/_7083048'		10	10	10	0.91	10	10	3.38 No	0.91 Thermal Discharging
STY065	53	'4547450_/_4547464'		10	10	10	0.91	10	10	3.38 No	0.91 Thermal Discharging
STY065	54	'4547399_/_4547447'		10	10	10	0.91	10	10	3.38 No	0.91 Thermal Discharging
STY065	55	'4547382_/_4547396'		10	10	10	0.91	10	10	3.38 No	0.91 Thermal Discharging
STY065	56	'4547381_/_4547379'		10	10	10	0.91	10	10	3.38 No	0.91 Thermal Discharging
STY065	57	'4547504_/_4547518'		10	10	10	0.91	10	10	3.38 No	0.91 Thermal Discharging
STY065	58	'43532658_/_43532660'		10	10	10	0.91	10	10	3.38 No	0.91 Thermal Discharging
STY065	59	'7640971_/_700152811'		3.33	3.33	3.33	0.3	0.47	3.33	1.13 No	0.3 Thermal Discharging
STY065	60	'4547483_/_4547481'		10	10	10	0.91	10	10	3.38 No	0.91 Thermal Discharging
STY065	61	'43928537_/_43928539'		10	10	10	0.91	10	10	3.38 No	0.91 Thermal Discharging
STY065	62	'700152848_/_700152870'		3.33	3.33	3.33	0.3	0.47	3.33	1.13 No	0.3 Thermal Discharging
STY065	63	'6494480_/_6494494'		10	10	10	0.91	10	10	3.38 No	0.91 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
STY065	64	'546326566_/_695699334'	10		10	10	0.91	1.4	10	3.38 No	0.91 Thermal Discharging
STY065	65	'6494479_/_6494477'	10		10	10	0.91	10	10	3.38 No	0.91 Thermal Discharging
STY065	66	'43928524_/_6502746'	10		10	10	0.91	10	10	3.38 No	0.91 Thermal Discharging
STY065	67	'6494463_/_6502763'	10		10	10	0.91	10	10	3.38 No	0.91 Thermal Discharging
STY065	68	'43928511_/_43928513'	10		10	10	0.91	10	10	3.38 No	0.91 Thermal Discharging
STY065	69	'6494392_/_6494406'	10		10	10	0.91	10	10	3.38 No	0.91 Thermal Discharging
STY065	70	'6494375_/_6494389'	10		10	10	0.91	10	10	3.38 No	0.91 Thermal Discharging
STY065	71	'546326599_/_546326631'	10		10	10	0.91	1.4	10	3.38 No	0.91 Thermal Discharging
STY065	72	'43928263_/_6494372'	10		10	10	0.91	10	10	3.38 No	0.91 Thermal Discharging
STY065	73	'6468040_/_6494355'	10		10	10	0.91	10	10	3.38 No	0.91 Thermal Discharging
STY065	74	'43928250_/_43928252'	10		10	10	0.91	10	10	3.38 No	0.91 Thermal Discharging
STY065	75	'6468022_/_6468020'	10		10	10	0.91	10	10	3.38 No	0.91 Thermal Discharging
STY065	76	'43929208_/_43929210'	10		10	10	0.91	10	10	3.38 No	0.91 Thermal Discharging
STY065	77	'6501147_/_6501161'	10		10	10	0.91	10	10	3.38 No	0.91 Thermal Discharging
STY065	78	'468542531_/_468542535'	10		10	10	0.91	10	10	3.38 No	0.91 Thermal Discharging
STY065	79	'497110375_/_468542569_1'	10		10	10	0.91	10	10	3.38 No	0.91 Thermal Discharging
STY065	80	'546326533_/_546326615'	10		10	10	0.91	1.4	10	3.38 No	0.91 Thermal Discharging
STY065	81	'43929195_/_43929197'	10		10	10	0.91	10	10	3.38 No	0.91 Thermal Discharging
STY065	82	'497110396_/_468542569_2'	10		10	10	0.91	10	10	3.38 No	0.91 Thermal Discharging
STY065	83	'6467989_/_468542569_3'	10		10	10	0.91	10	10	3.38 No	0.91 Thermal Discharging
STY065	84	'508630250_/_6468003'	10		10	10	0.91	10	10	3.38 No	0.91 Thermal Discharging
STY065	85	'43928224_/_43928226'	10		10	10	0.91	10	10	3.38 No	0.91 Thermal Discharging
STY065	86	'695699630_/_700153904'	10		10	10	0.91	1.4	10	3.38 No	0.91 Thermal Discharging
STY065	87	'6467955_/_6467969'	10		10	10	0.91	10	10	3.38 No	0.91 Thermal Discharging
STY065	88	'43928211_/_6467952'	10		10	10	0.91	10	10	3.38 No	0.91 Thermal Discharging
STY065	89	'6467432_/_6467469'	10		10	10	0.91	10	10	3.38 No	0.91 Thermal Discharging
STY065	90	'6467374_/_6467489'	10		10	10	0.91	10	10	3.38 No	0.91 Thermal Discharging
STY065	91	'6467357_/_6467372'	10		10	10	0.91	10	10	3.38 No	0.91 Thermal Discharging
STY065	92	'6467448_/_6467446'	10		10	10	0.91	4.5	10	3.38 No	0.91 Thermal Discharging
STY065	93	'6467358_/_6467355'	10		10	10	0.91	10	10	3.38 No	0.91 Thermal Discharging
STY065	94	'6467394_/_6467412'	10		10	10	0.91	10	10	3.38 No	0.91 Thermal Discharging
STY065	95	'6467395_/_6467392'	10		10	10	0.91	10	10	3.38 No	0.91 Thermal Discharging
STY065	96	'6494513_/_6494528'	10		10	10	0.91	10	10	3.38 No	0.91 Thermal Discharging
STY065	97	'6494445_/_6494511'	10		10	10	0.91	10	10	3.38 No	0.91 Thermal Discharging
STY065	98	'6494429_/_6494443'	10		10	10	0.91	10	10	3.38 No	0.91 Thermal Discharging
STY065	99	'6494428_/_6494426'	10		10	10	0.91	10	10	3.38 No	0.91 Thermal Discharging
STY065	100	'6495712_/_6495726'	10		10	10	0.91	10	10	3.38 No	0.91 Thermal Discharging
STY065	101	'6500964_/_43929018_2'	6.67		6.67	6.67	0.61	3	6.67	2.25 No	0.61 Thermal Discharging
STY065	102	'6495695_/_6495709'	10		10	10	0.91	10	10	3.38 No	0.91 Thermal Discharging
STY065	103	'6495694_/_6495692'	10		10	10	0.91	10	10	3.38 No	0.91 Thermal Discharging
STY065	104	'8042309_/_695700291'	10		10	10	0.91	1.4	10	3.38 No	0.91 Thermal Discharging
STY065	105	'43929016_/_43929018_1'	6.67		6.67	6.67	0.61	0.9	6.67	2.25 No	0.61 Thermal Discharging
STY065	106	'115588905_/_6495743'	10		10	10	0.91	10	10	3.38 No	0.91 Thermal Discharging
STY065	107	'43927971_/_439290005'	10		10	10	0.91	10	10	3.38 No	0.91 Thermal Discharging
STY065	108	'6500867_/_6500865_1'	10		10	10	0.91	10	10	3.38 No	0.91 Thermal Discharging
STY065	109	'6500868_/_6500865_2'	10		10	10	0.91	10	10	3.38 No	0.91 Thermal Discharging
STY065	110	'6500885_/_6500882'	10		10	10	0.91	10	10	3.38 No	0.91 Thermal Discharging
STY065	111	'6501452_/_6501450'	6.67		6.67	6.67	0.61	0.9	6.67	2.25 No	0.61 Thermal Discharging
STY065	112	'43929658_/_6504167'	10		10	10	0.91	10	10	3.38 No	0.91 Thermal Discharging
STY065	113	'6500901_/_6504184'	10		10	10	0.91	10	10	3.38 No	0.91 Thermal Discharging
STY065	114	'7719280_/_700153852'	5.9		10	10	0.91	1.4	10	3.38 No	0.91 Thermal Discharging
STY065	115	'6500902_/_6500899'	10		10	10	0.91	10	10	3.38 No	0.91 Thermal Discharging
STY065	116	'6500750_/_6500916'	10		10	10	0.91	10	10	3.38 No	0.91 Thermal Discharging
STY065	117	'43929134_/_43929136'	6.67		6.67	6.67	0.61	0.9	6.67	2.25 No	0.61 Thermal Discharging
STY065	118	'6500850_/_6500848'	10		10	10	0.91	10	10	3.38 No	0.91 Thermal Discharging
STY065	119	'6500749_/_6500936_1'	3.33		3.33	3.33	0.3	0.4	3.33	1.13 No	0.3 Thermal Discharging
STY065	120	'6500257_/_6501059'	10		10	10	0.91	10	10	3.38 No	0.91 Thermal Discharging
STY065	121	'7405698_/_700153796'	5.3		10	10	0.91	1.4	10	3.38 No	0.91 Thermal Discharging
STY065	122	'6500499_/_6500513'	10		10	10	0.91	10	10	3.38 No	0.91 Thermal Discharging
STY065	123	'6500256_/_6500254'	3.33		3.33	3.33	0.3	0.4	3.33	1.13 No	0.3 Thermal Discharging
STY065	124	'6500243_/_6500380'	3.33		3.33	3.33	0.3	0.4	3.33	1.13 No	0.3 Thermal Discharging
STY065	125	'6500482_/_6500496'	10		10	10	0.91	10	10	3.38 No	0.91 Thermal Discharging
STY065	126	'6500173_/_6500479'	10		10	10	0.91	10	10	3.38 No	0.91 Thermal Discharging
STY065	127	'43927949_/_6500241'	3.33		3.33	3.33	0.3	0.4	3.33	1.13 No	0.3 Thermal Discharging
STY065	128	'6500172_/_6500354_1'	3.33		3.33	3.33	0.3	0.4	3.33	1.13 No	0.3 Thermal Discharging
STY065	129	'43927984_/_6500936_2'	3.33		3.33	3.33	0.3	0.4	3.33	1.13 No	0.3 Thermal Discharging
STY065	130	'6501438_/_6504022'	6.67		6.67	6.67	0.61	0.9	6.67	2.25 No	0.61 Thermal Discharging
STY065	131	'6500428_/_6500462'	10		10	10	0.91	10	10	3.38 No	0.91 Thermal Discharging
STY065	132	'6500231_/_43927951'	3.33		3.33	3.33	0.3	0.4	3.33	1.13 No	0.3 Thermal Discharging
STY065	133	'6500357_/_6500354_2'	3.33		3.33	3.33	0.3	0.4	3.33	1.13 No	0.3 Thermal Discharging
STY065	134	'6467242_/_6500425'	10		10	10	0.91	10	10	3.38 No	0.91 Thermal Discharging
STY065	135	'6500160_/_6500367'	3.33		3.33	3.33	0.3	0.4	3.33	1.13 No	0.3 Thermal Discharging
STY065	136	'7719439_/_695699620'	3.33		3.33	3.33	0.3	0.47	3.33	1.13 No	0.3 Thermal Discharging
STY065	137	'6499634_/_6499814'	10		10	10	0.91	10	10	3.38 No	0.91 Thermal Discharging
STY065	138	'6467226_/_6467239_2'	3.33		3.33	3.33	0.3	1.1	3.33	1.13 No	0.3 Thermal Discharging
STY065	139	'6467225_/_6467239_1'	3.33		3.33	3.33	0.3	0.5	3.33	1.13 No	0.3 Thermal Discharging
STY065	140	'695699657_/_695699647'	3.33		3.33	3.33	0.3	0.47	3.33	1.13 No	0.3 Thermal Discharging
STY065	141	'6499833_/_6499874'	10		10	10	0.91	10	10	3.38 No	0.91 Thermal Discharging
STY065	142	'6499618_/_6499631_2'	3.33		3.33	3.33	0.3	1.5	3.33	1.13 No	0.3 Thermal Discharging
STY065	143	'6491335_/_6491345'	3.33		3.33	3.33	0.3	0.5	3.33	1.13 No	0.3 Thermal Discharging
STY065	144	'425665125_/_425665083_1'	3.33		3.33	3.33	0.3	0.1	3.33	1.13 No	0.1 Element Fault
STY065	145	'6500952_/_6500949'	3.33		3.33	3.33	0.3	0.4	3.33	1.13 No	0.3 Thermal Discharging
STY065	146	'6499605_/_6499631_1'	3.33		3.33	3.33	0.3	0.4	3.33	1.13 No	0.3 Thermal Discharging
STY065	147	'6499834_/_6499844_1'	3.33		3.33	3.33	0.3	0.5	3.33	1.13 No	0.3 Thermal Discharging
STY065	148	'6499650_/_6499857'	10		10	10	0.91	10	10	3.38 No	0.91 Thermal Discharging
STY065	149	'6501437_/_6501435'	6.67		6.67	6.67	0.61	0.9	6.67	2.25 No	0.61 Thermal Discharging
STY065	150	'6499757_/_6499797'	10		10	10	0.91	10	10	3.38 No	0.91 Thermal Discharging
STY065	151	'6500272_/_6500325'	3.33		3.33	3.33	0.3	0.4	3.33	1.13 No	0.3 Thermal Discharging
STY065	152	'6499553_/_6499550_2'	3.33		3.33	3.33	0.3	1.1	3.33	1.13 No	0.3 Thermal Discharging
STY065	153	'6499744_/_6499741_2'	3.33		3.33	3.33	0.3	1.1	3.33	1.13 No	0.3 Thermal Discharging
STY065	154	'6491401_/_6499780'	10		10	10	0.91	10	10	3.38 No	0.91 Thermal Discharging
STY065	155	'6491384_/_6491381_2'	10		10	10	0.91	3.1	10	3.38 No	0.91 Thermal Discharging
STY065	156	'6467255_/_6467252'	3.33		3.33	3.33	0.3	0.5	3.33	1.13 No	0.3 Thermal Discharging
STY065	157	'6499308_/_6499305'	10		10	10	0.91	10	10	3.38 No	0.91 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over- Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
STY065	158	'6499527_/_6499741_1'		3.33	3.33	3.33	0.3	0.4	3.33	1.13 No	0.3 Thermal Discharging
STY065	159	'6500215_/_6500228'		3.33	3.33	3.33	0.3	0.4	3.33	1.13 No	0.3 Thermal Discharging
STY065	160	'6499665_/_6499844_2'		3.33	3.33	3.33	0.3	0.5	3.33	1.13 No	0.3 Thermal Discharging
STY065	161	'7406018_/_695700368'		4.7	10	10	0.91	1.4	10	3.38 No	0.91 Thermal Discharging
STY065	162	'43928550_/_6500393'		3.33	3.33	3.33	0.3	0.4	3.33	1.13 No	0.3 Thermal Discharging
STY065	163	'425665086_/_425665083_2'		3.33	3.33	3.33	0.3	0.1	3.33	1.13 No	0.1 Element Fault
STY065	164	'43927813_/_6499325'		10	10	10	0.91	10	10	3.38 No	0.91 Thermal Discharging
STY065	165	'6500147_/_6500157'		3.33	3.33	3.33	0.3	0.4	3.33	1.13 No	0.3 Thermal Discharging
STY065	166	'6499345_/_6499342'		10	10	10	0.91	10	10	3.38 No	0.91 Thermal Discharging
STY065	167	'6491455_/_6491452'		3.33	3.33	3.33	0.3	0.5	3.33	1.13 No	0.3 Thermal Discharging
STY065	168	'6499362_/_6499359'		10	10	10	0.91	10	10	3.38 No	0.91 Thermal Discharging
STY065	169	'43929422_/_43929424'		6.67	6.67	6.67	0.61	0.9	6.67	2.25 No	0.61 Thermal Discharging
STY065	170	'6491361_/_6491381_1'		10	10	10	0.91	1.4	10	3.38 No	0.91 Thermal Discharging
STY065	171	'6501003_/_6501000'		3.33	3.33	3.33	0.3	0.4	3.33	1.13 No	0.3 Thermal Discharging
STY065	172	'6499379_/_6499376'		10	10	10	0.91	10	10	3.38 No	0.91 Thermal Discharging
STY065	173	'43927826_/_6499410'		10	10	10	0.91	10	10	3.38 No	0.91 Thermal Discharging
STY065	174	'6491322_/_6491332'		3.33	3.33	3.33	0.3	0.5	3.33	1.13 No	0.3 Thermal Discharging
STY065	175	'6494306_/_6499393'		10	10	10	0.91	10	10	3.38 No	0.91 Thermal Discharging
STY065	176	'6499540_/_6499550_1'		3.33	3.33	3.33	0.3	0.4	3.33	1.13 No	0.3 Thermal Discharging
STY065	177	'6494307_/_6494304'		10	10	10	0.91	10	10	3.38 No	0.91 Thermal Discharging
STY065	178	'6500273_/_6500270'		3.33	3.33	3.33	0.3	0.4	3.33	1.13 No	0.3 Thermal Discharging
STY065	179	'6499592_/_6499602'		3.33	3.33	3.33	0.3	0.4	3.33	1.13 No	0.3 Thermal Discharging
STY065	180	'6494324_/_6494321'		10	10	10	0.91	10	10	3.38 No	0.91 Thermal Discharging
STY065	181	'43927872_/_6499663'		3.33	3.33	3.33	0.3	0.5	3.33	1.13 No	0.3 Thermal Discharging
STY065	182	'7406038_/_695700463'		4.7	10	10	0.91	1.4	10	3.38 No	0.91 Thermal Discharging
STY065	183	'65000396_/_43928552'		3.33	3.33	3.33	0.3	0.4	3.33	1.13 No	0.3 Thermal Discharging
STY065	184	'6494341_/_6494338'		10	10	10	0.91	10	10	3.38 No	0.91 Thermal Discharging
STY065	185	'8109508_/_8109506_1'		10	10	10	0.91	10	10	3.38 No	0.91 Thermal Discharging
STY065	186	'6504126_/_6504124'		6.67	6.67	6.67	0.61	0.9	6.67	2.25 No	0.61 Thermal Discharging
STY065	187	'6500134_/_6500144'		3.33	3.33	3.33	0.3	0.4	3.33	1.13 No	0.3 Thermal Discharging
STY065	188	'6491417_/_6491415_1'		10	10	10	0.91	1.4	10	3.38 No	0.91 Thermal Discharging
STY065	189	'6500202_/_6500212'		3.33	3.33	3.33	0.3	0.4	3.33	1.13 No	0.3 Thermal Discharging
STY065	190	'6499514_/_6499524'		3.33	3.33	3.33	0.3	0.4	3.33	1.13 No	0.3 Thermal Discharging
STY065	191	'43927789_/_6491319'		3.33	3.33	3.33	0.3	0.5	3.33	1.13 No	0.3 Thermal Discharging
STY065	192	'6499237_/_6499234'		3.33	3.33	3.33	0.3	0.47	3.33	1.13 No	0.3 Thermal Discharging
STY065	193	'43929158_/_6501013'		3.33	3.33	3.33	0.3	0.4	3.33	1.13 No	0.3 Thermal Discharging
STY065	194	'6496014_/_6496011'		3.33	3.33	3.33	0.3	0.5	3.33	1.13 No	0.3 Thermal Discharging
STY065	195	'43927800_/_6491358'		10	10	10	0.91	1.4	10	3.38 No	0.91 Thermal Discharging
STY065	196	'6499278_/_6499891'		3.33	3.33	3.33	0.3	0.4	3.33	1.13 No	0.3 Thermal Discharging
STY065	197	'6491418_/_6491415_2'		10	10	10	0.91	1.4	10	3.38 No	0.91 Thermal Discharging
STY065	198	'8712077_/_9030791_1'		10	10	10	0.91	0.9	10	3.38 No	0.9 Element Fault
STY065	199	'7405715_/_695699697'		2.47	3.33	3.33	0.3	0.47	3.33	1.13 No	0.3 Thermal Discharging
STY065	200	'43927767_/_6499589'		3.33	3.33	3.33	0.3	0.4	3.33	1.13 No	0.3 Thermal Discharging
STY065	201	'6499250_/_6499247'		3.33	3.33	3.33	0.3	0.47	3.33	1.13 No	0.3 Thermal Discharging
STY065	202	'43928017_/_6504139'		6.67	6.67	6.67	0.61	0.9	6.67	2.25 No	0.61 Thermal Discharging
STY065	203	'6499539_/_6499537'		3.33	3.33	3.33	0.3	0.4	3.33	1.13 No	0.3 Thermal Discharging
STY065	204	'6499513_/_6499511'		3.33	3.33	3.33	0.3	0.4	3.33	1.13 No	0.3 Thermal Discharging
STY065	205	'6499679_/_6499676'		3.33	3.33	3.33	0.3	0.5	3.33	1.13 No	0.3 Thermal Discharging
STY065	206	'7642138_/_8109506_2'		10	10	10	0.91	10	10	3.38 No	0.91 Thermal Discharging
STY065	207	'4548531_/_8109506_3'		10	10	10	0.91	10	10	3.38 No	0.91 Thermal Discharging
STY065	208	'43927960_/_6500283'		3.33	3.33	3.33	0.3	0.4	3.33	1.13 No	0.3 Thermal Discharging
STY065	209	'43928300_/_6491774'		3.33	3.33	3.33	0.3	0.47	3.33	1.13 No	0.3 Thermal Discharging
STY065	210	'7405714_/_695699718'		2.23	3.33	3.33	0.3	0.47	3.33	1.13 No	0.3 Thermal Discharging
STY065	211	'389664513_/_7451880_1'		3.33	3.33	3.33	0.3	0.3	3.33	1.13 No	0.3 Thermal Discharging
STY065	212	'4548510_/_4548528'		10	10	10	0.91	10	10	3.38 No	0.91 Thermal Discharging
STY065	213	'43927927_/_6500131'		3.33	3.33	3.33	0.3	0.4	3.33	1.13 No	0.3 Thermal Discharging
STY065	214	'43927938_/_43927940'		3.33	3.33	3.33	0.3	0.4	3.33	1.13 No	0.3 Thermal Discharging
STY065	215	'6499266_/_6499263'		3.33	3.33	3.33	0.3	0.47	3.33	1.13 No	0.3 Thermal Discharging
STY065	216	'4541783_/_4541781_1'		3.33	3.33	3.33	0.3	0.4	3.33	1.13 No	0.3 Thermal Discharging
STY065	217	'6467202_/_6467200'		10	10	10	0.91	1.4	10	3.38 No	0.91 Thermal Discharging
STY065	218	'43532524_/_4548508'		10	10	10	0.91	10	10	3.38 No	0.91 Thermal Discharging
STY065	219	'6500762_/_6501026'		3.33	3.33	3.33	0.3	0.4	3.33	1.13 No	0.3 Thermal Discharging
STY065	220	'7642107_/_7642104_2'		3.33	3.33	3.33	0.3	1.7	3.33	1.13 No	0.3 Thermal Discharging
STY065	221	'4548511_/_8587108_3'		10	10	10	0.91	10	10	3.38 No	0.91 Thermal Discharging
STY065	222	'51344874_/_51344844_1'		3.33	3.33	3.33	0.3	0.5	3.33	1.13 No	0.3 Thermal Discharging
STY065	223	'7884201_/_308718859_1'		10	10	10	0.91	0.9	10	3.38 No	0.9 Element Fault
STY065	224	'6502836_/_6502834'		3.33	3.33	3.33	0.3	0.4	3.33	1.13 No	0.3 Thermal Discharging
STY065	225	'9610366_/_695699751'		2	3.33	3.33	0.3	0.47	3.33	1.13 No	0.3 Thermal Discharging
STY065	226	'7451883_/_7451880_2'		3.33	3.33	3.33	0.3	0.3	3.33	1.13 No	0.3 Thermal Discharging
STY065	227	'6500775_/_6503953'		6.67	6.67	6.67	0.61	0.9	6.67	2.25 No	0.61 Thermal Discharging
STY065	228	'43928287_/_6491432'		10	10	10	0.91	1.4	10	3.38 No	0.91 Thermal Discharging
STY065	229	'8356298_/_695699772'		1.93	3.33	3.33	0.3	0.47	3.33	1.13 No	0.3 Thermal Discharging
STY065	230	'8587091_/_8587108_2'		10	10	10	0.91	10	10	3.38 No	0.91 Thermal Discharging
STY065	231	'43927839_/_6499276'		3.33	3.33	3.33	0.3	0.4	3.33	1.13 No	0.3 Thermal Discharging
STY065	232	'4559345_/_8587108_1'		10	10	10	0.91	10	10	3.38 No	0.91 Thermal Discharging
STY065	233	'6491293_/_6491306'		3.33	3.33	3.33	0.3	0.5	3.33	1.13 No	0.3 Thermal Discharging
STY065	234	'4541768_/_4541781_2'		3.33	3.33	3.33	0.3	1.1	3.33	1.13 No	0.3 Thermal Discharging
STY065	235	'9030794_/_9030791_2'		10	10	10	0.91	0.9	10	3.38 No	0.9 Element Fault
STY065	236	'43927905_/_6496024'		3.33	3.33	3.33	0.3	0.5	3.33	1.13 No	0.3 Thermal Discharging
STY065	237	'8401258_/_8401256_1'		3.33	3.33	3.33	0.3	0.4	3.33	1.13 No	0.3 Thermal Discharging
STY065	238	'6499692_/_6499689'		3.33	3.33	3.33	0.3	0.5	3.33	1.13 No	0.3 Thermal Discharging
STY065	239	'4559778_/_4559792'		10	10	10	0.91	10	10	3.38 No	0.91 Thermal Discharging
STY065	240	'4541755_/_43532550_2'		3.33	3.33	3.33	0.3	1.1	3.33	1.13 No	0.3 Thermal Discharging
STY065	241	'43532466_/_4559775'		10	10	10	0.91	10	10	3.38 No	0.91 Thermal Discharging
STY065	242	'6500299_/_43927962'		3.33	3.33	3.33	0.3	0.4	3.33	1.13 No	0.3 Thermal Discharging
STY065	243	'6499566_/_6499576'		3.33	3.33	3.33	0.3	0.4	3.33	1.13 No	0.3 Thermal Discharging
STY065	244	'4559814_/_4559812'		10	10	10	0.91	10	10	3.38 No	0.91 Thermal Discharging
STY065	245	'43532548_/_43532550_1'		3.33	3.33	3.33	0.3	0.3	3.33	1.13 No	0.3 Thermal Discharging
STY065	246	'6491480_/_6500760'		3.33	3.33	3.33	0.3	0.4	3.33	1.13 No	0.3 Thermal Discharging
STY065	247	'44697888_/_6500186'		3.33	3.33	3.33	0.3	0.4	3.33	1.13 No	0.3 Thermal Discharging
STY065	248	'6499172_/_6499195'		3.33	3.33	3.33	0.3	0.47	3.33	1.13 No	0.3 Thermal Discharging
STY065	249	'4559639_/_4559829'		10	10	10	0.91	10	10	3.38 No	0.91 Thermal Discharging
STY065	250	'43929399_/_6500773'		6.67	6.67	6.67	0.61	0.9	6.67	2.25 No	0.61 Thermal Discharging
STY065	251	'7405699_/_695699811'		1.7	3.33	3.33	0.3	0.47	3.33	1.13 No	0.3 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over- Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
STY065	252	'6491292_/_6491290'	3.33		3.33	3.33	0.3	0.5	3.33	1.13 No	0.3 Thermal Discharging
STY065	253	'4559640_/_4559650_1'	3.33		3.33	3.33	0.3	0.4	3.33	1.13 No	0.3 Thermal Discharging
STY065	254	'4561237_/_4561264'	10		10	10	0.91	10	10	3.38 No	0.91 Thermal Discharging
STY065	255	'7884202_/_308718859_2'	10		10	10	0.91	0.9	10	3.38 No	0.9 Element Fault
STY065	256	'43929256_/_6496906'	10		10	10	0.91	1.4	10	3.38 No	0.91 Thermal Discharging
STY065	257	'8356693_/_69569832'	1.67		3.33	3.33	0.3	0.47	3.33	1.13 No	0.3 Thermal Discharging
STY065	258	'6500120_/_6500118'	3.33		3.33	3.33	0.3	0.4	3.33	1.13 No	0.3 Thermal Discharging
STY065	259	'4561417_/_4561431'	10		10	10	0.91	10	10	3.38 No	0.91 Thermal Discharging
STY065	260	'7451968_/_9658660'	3.33		3.33	3.33	0.3	0.3	3.33	1.13 No	0.3 Thermal Discharging
STY065	261	'43927916_/_6467187'	3.33		3.33	3.33	0.3	0.5	3.33	1.13 No	0.3 Thermal Discharging
STY065	262	'45091293_/_6499292'	3.33		3.33	3.33	0.3	0.4	3.33	1.13 No	0.3 Thermal Discharging
STY065	263	'4561238_/_4561235_1'	3.33		3.33	3.33	0.3	0.4	3.33	1.13 No	0.3 Thermal Discharging
STY065	264	'4561299_/_4561414'	10		10	10	0.91	10	10	3.38 No	0.91 Thermal Discharging
STY065	265	'43532491_/_43532481'	3.33		3.33	3.33	0.3	1.5	3.33	1.13 No	0.3 Thermal Discharging
STY065	266	'6467190_/_9343796_1'	3.33		3.33	3.33	0.3	0.3	3.33	1.13 No	0.3 Thermal Discharging
STY065	267	'43927883_/_6499702'	3.33		3.33	3.33	0.3	0.5	3.33	1.13 No	0.3 Thermal Discharging
STY065	268	'4561383_/_4561397'	10		10	10	0.91	10	10	3.38 No	0.91 Thermal Discharging
STY065	269	'6491481_/_6491478'	3.33		3.33	3.33	0.3	0.4	3.33	1.13 No	0.3 Thermal Discharging
STY065	270	'43532537_/_4541752'	3.33		3.33	3.33	0.3	0.3	3.33	1.13 No	0.3 Thermal Discharging
STY065	271	'4555316_/_4555314_1'	3.33		3.33	3.33	0.3	0.4	3.33	1.13 No	0.3 Thermal Discharging
STY065	272	'7476669_/_7642104_1'	3.33		3.33	3.33	0.3	0.4	3.33	1.13 No	0.3 Thermal Discharging
STY065	273	'4559571_/_4561235_2'	3.33		3.33	3.33	0.3	0.4	3.33	1.13 No	0.3 Thermal Discharging
STY065	274	'43536347_/_4561380'	10		10	10	0.91	10	10	3.38 No	0.91 Thermal Discharging
STY065	275	'4561300_/_4561310_1'	3.33		3.33	3.33	0.3	0.4	3.33	1.13 No	0.3 Thermal Discharging
STY065	276	'6500312_/_6500309'	3.33		3.33	3.33	0.3	0.4	3.33	1.13 No	0.3 Thermal Discharging
STY065	277	'51344818_/_51344844_2'	3.33		3.33	3.33	0.3	0.5	3.33	1.13 No	0.3 Thermal Discharging
STY065	278	'4561346_/_4561360'	10		10	10	0.91	10	10	3.38 No	0.91 Thermal Discharging
STY065	279	'43928029_/_43929401'	6.67		6.67	6.67	0.61	0.9	6.67	2.25 No	0.61 Thermal Discharging
STY065	280	'43927778_/_6500105'	3.33		3.33	3.33	0.3	0.5	3.33	1.13 No	0.3 Thermal Discharging
STY065	281	'6499429_/_6499485'	3.33		3.33	3.33	0.3	0.47	3.33	1.13 No	0.3 Thermal Discharging
STY065	282	'4561326_/_4561343'	10		10	10	0.91	10	10	3.38 No	0.91 Thermal Discharging
STY065	283	'6503829_/_6503827_1'	10		10	10	0.91	1.4	10	3.38 No	0.91 Thermal Discharging
STY065	284	'43927756_/_6499169'	3.33		3.33	3.33	0.3	0.47	3.33	1.13 No	0.3 Thermal Discharging
STY065	285	'4559887_/_4561310_2'	3.33		3.33	3.33	0.3	0.4	3.33	1.13 No	0.3 Thermal Discharging
STY065	286	'44437076_/_68925910'	10		10	10	0.91	10	10	3.38 No	0.91 Thermal Discharging
STY065	287	'87023120_/_87023098'	3.33		3.33	3.33	0.3	0.47	3.33	1.13 No	0.3 Thermal Discharging
STY065	288	'4559653_/_4559650_2'	3.33		3.33	3.33	0.3	0.4	3.33	1.13 No	0.3 Thermal Discharging
STY065	289	'4561325_/_4561323'	10		10	10	0.91	10	10	3.38 No	0.91 Thermal Discharging
STY065	290	'7481362_/_7481360'	6.67		6.67	6.67	0.61	0.9	6.67	2.25 No	0.61 Thermal Discharging
STY065	291	'6499565_/_6499563'	3.33		3.33	3.33	0.3	0.4	3.33	1.13 No	0.3 Thermal Discharging
STY065	292	'4561283_/_4561281_1'	3.33		3.33	3.33	0.3	0.7	3.33	1.13 No	0.3 Thermal Discharging
STY065	293	'7765418_/_308718822'	5.8		10	10	0.91	0.9	10	3.38 No	0.9 Element Fault
STY065	294	'7128218_/_7128232'	10		10	10	0.91	10	10	3.38 No	0.91 Thermal Discharging
STY065	295	'68925968_/_7128215_2'	10		10	10	0.91	10	10	3.38 No	0.91 Thermal Discharging
STY065	296	'4541797_/_4541794'	3.33		3.33	3.33	0.3	1.1	3.33	1.13 No	0.3 Thermal Discharging
STY065	297	'9343799_/_9343796_2'	2.23		3.33	3.33	0.3	0.3	3.33	1.13 No	0.3 Thermal Discharging
STY065	298	'6499143_/_6499182_2'	3.33		3.33	3.33	0.3	0.47	3.33	1.13 No	0.3 Thermal Discharging
STY065	299	'4555317_/_4555314_2'	3.33		3.33	3.33	0.3	0.4	3.33	1.13 No	0.3 Thermal Discharging
STY065	300	'7128252_/_7128215_1'	10		10	10	0.91	10	10	3.38 No	0.91 Thermal Discharging
STY065	301	'7481289_/_7481304_1'	6.67		6.67	6.67	0.61	0.9	6.67	2.25 No	0.61 Thermal Discharging
STY065	302	'7128251_/_115589200_2'	10		10	10	0.91	10	10	3.38 No	0.91 Thermal Discharging
STY065	303	'8424197_/_8424194'	6.67		6.67	6.67	0.61	0.9	6.67	2.25 No	0.61 Thermal Discharging
STY065	304	'43927723_/_6499182_1'	3.33		3.33	3.33	0.3	0.3	3.33	1.13 No	0.3 Thermal Discharging
STY065	305	'43534758_/_43534760'	10		10	10	0.91	10	10	3.38 No	0.91 Thermal Discharging
STY065	306	'588915071_/_588915069'	10		10	10	0.91	10	10	3.38 No	0.91 Thermal Discharging
STY065	307	'6491703_/_7083430'	3.33		3.33	3.33	0.3	0.3	3.33	1.13 No	0.3 Thermal Discharging
STY065	308	'7451969_/_7451966'	3.33		3.33	3.33	0.3	0.3	3.33	1.13 No	0.3 Thermal Discharging
STY065	309	'7481307_/_7481304_2'	6.67		6.67	6.67	0.61	0.9	6.67	2.25 No	0.61 Thermal Discharging
STY065	310	'6499718_/_43927885'	3.33		3.33	3.33	0.3	0.5	3.33	1.13 No	0.3 Thermal Discharging
STY065	311	'643739189_/_588915280_1'	10		10	10	0.91	10	10	3.38 No	0.91 Thermal Discharging
STY065	312	'588915283_/_588915280_2'	10		10	10	0.91	10	10	3.38 No	0.91 Thermal Discharging
STY065	313	'43927995_/_6500530'	3.33		3.33	3.33	0.3	0.4	3.33	1.13 No	0.3 Thermal Discharging
STY065	314	'6500776_/_43928031'	6.67		6.67	6.67	0.61	0.9	6.67	2.25 No	0.61 Thermal Discharging
STY065	315	'4559330_/_4559327'	3.33		3.33	3.33	0.3	0.4	3.33	1.13 No	0.3 Thermal Discharging
STY065	316	'7765437_/_7765435_1'	3.33		3.33	3.33	0.3	0.3	3.33	1.13 No	0.3 Thermal Discharging
STY065	317	'588915100_/_588915298'	10		10	10	0.91	10	10	3.38 No	0.91 Thermal Discharging
STY065	318	'6488922_/_6500409'	3.33		3.33	3.33	0.3	0.4	3.33	1.13 No	0.3 Thermal Discharging
STY065	319	'87023126_/_870231123'	3.33		3.33	3.33	0.3	0.47	3.33	1.13 No	0.3 Thermal Discharging
STY065	320	'43533046_/_4559569'	3.33		3.33	3.33	0.3	0.4	3.33	1.13 No	0.3 Thermal Discharging
STY065	321	'6490014_/_6502283'	2.13		3.33	3.33	0.3	0.5	3.33	1.13 No	0.3 Thermal Discharging
STY065	322	'4559666_/_4559663'	3.33		3.33	3.33	0.3	0.4	3.33	1.13 No	0.3 Thermal Discharging
STY065	323	'579226548_/_7481322'	6.67		6.67	6.67	0.61	0.9	6.67	2.25 No	0.61 Thermal Discharging
STY065	324	'9371327_/_9371324'	6.67		6.67	6.67	0.61	0.9	6.67	2.25 No	0.61 Thermal Discharging
STY065	325	'4559848_/_4559885'	3.33		3.33	3.33	0.3	0.4	3.33	1.13 No	0.3 Thermal Discharging
STY065	326	'4559874_/_4561281_2'	3.33		3.33	3.33	0.3	0.7	3.33	1.13 No	0.3 Thermal Discharging
STY065	327	'588916519_/_588915097'	10		10	10	0.91	10	10	3.38 No	0.91 Thermal Discharging
STY065	328	'67743589_/_588915085'	10		10	10	0.91	10	10	3.38 No	0.91 Thermal Discharging
STY065	329	'115589011_/_87023228_1'	3.33		3.33	3.33	0.3	0.3	3.33	1.13 No	0.3 Thermal Discharging
STY065	330	'115589368_/_588915117'	10		10	10	0.91	10	10	3.38 No	0.91 Thermal Discharging
STY065	331	'86116861_/_77378220_2'	10		10	10	0.91	5.2	10	3.38 No	0.91 Thermal Discharging
STY065	332	'43929377_/_6499427'	2.37		3.33	3.33	0.3	0.47	3.33	1.13 No	0.3 Thermal Discharging
STY065	333	'115589399_/_7130501_1'	6.67		6.67	6.67	0.61	0.9	6.67	2.25 No	0.61 Thermal Discharging
STY065	334	'588915313_/_588915310'	10		10	10	0.91	10	10	3.38 No	0.91 Thermal Discharging
STY065	335	'6499098_/_6499108'	2.17		3.33	3.33	0.3	0.47	3.33	1.13 No	0.3 Thermal Discharging
STY065	336	'6495161_/_588916460'	10		10	10	0.91	10	10	3.38 No	0.91 Thermal Discharging
STY065	337	'44054144_/_6503827_2'	10		10	10	0.91	1.4	10	3.38 No	0.91 Thermal Discharging
STY065	338	'588915349_/_588915346'	10		10	10	0.91	10	10	3.38 No	0.91 Thermal Discharging
STY065	339	'6499907_/_6499904'	3.33		3.33	3.33	0.3	0.5	3.33	1.13 No	0.3 Thermal Discharging
STY065	340	'4559875_/_4559872'	3.33		3.33	3.33	0.3	0.7	3.33	1.13 No	0.3 Thermal Discharging
STY065	341	'51344787_/_51344825'	3.33		3.33	3.33	0.3	0.5	3.33	1.13 No	0.3 Thermal Discharging
STY065	342	'43928605_/_588915364'	10		10	10	0.91	10	10	3.38 No	0.91 Thermal Discharging
STY065	343	'6500721_/_43927997'	3.33		3.33	3.33	0.3	0.4	3.33	1.13 No	0.3 Thermal Discharging
STY065	344	'4541813_/_4541810'	3.33		3.33	3.33	0.3	1.1	3.33	1.13 No	0.3 Thermal Discharging
STY065	345	'6494582_/_588915451'	10		10	10	0.91	10	10	3.38 No	0.91 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over- Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
STY065	346	'644663728_/_644663628_2'		6.67	6.67	6.67	0.61	3.4	6.67	2.25 No	0.61 Thermal Discharging
STY065	347	'43928322_/_43928324'		3.33	3.33	3.33	0.3	0.3	3.33	1.13 No	0.3 Thermal Discharging
STY065	348	'4541826_/_4541839_1'		3.33	3.33	3.33	0.3	0.3	3.33	1.13 No	0.3 Thermal Discharging
STY065	349	'9030717_/_9370018_1'		3.33	3.33	3.33	0.3	0.4	3.33	1.13 No	0.3 Thermal Discharging
STY065	350	'7765307_/_9370002_2'		3.33	3.33	3.33	0.3	1.6	3.33	1.13 No	0.3 Thermal Discharging
STY065	351	'43928637_/_7130501_2'		6.67	6.67	6.67	0.61	0.9	6.67	2.25 No	0.61 Thermal Discharging
STY065	352	'4555330_/_4555327'		3.33	3.33	3.33	0.3	0.4	3.33	1.13 No	0.3 Thermal Discharging
STY065	353	'50697111_/_7765435_2'		3.33	3.33	3.33	0.3	0.3	3.33	1.13 No	0.3 Thermal Discharging
STY065	354	'6494565_/_588916121'		10	10	10	0.91	10	10	3.38 No	0.91 Thermal Discharging
STY065	355	'6499730_/_7765435_3'		3.33	3.33	3.33	0.3	0.3	3.33	1.13 No	0.3 Thermal Discharging
STY065	356	'125331233_/_6467288_1'		10	10	10	0.91	1.5	10	3.38 No	0.91 Thermal Discharging
STY065	357	'6499055_/_6499140'		2	3.33	3.33	0.3	0.3	3.33	1.13 No	0.3 Thermal Discharging
STY065	358	'6494564_/_588916133'		10	10	10	0.91	10	10	3.38 No	0.91 Thermal Discharging
STY065	359	'4559358_/_4559762'		3.33	3.33	3.33	0.3	0.4	3.33	1.13 No	0.3 Thermal Discharging
STY065	360	'113525696_/_8422554_1'		6.67	6.67	6.67	0.61	0.9	6.67	2.25 No	0.61 Thermal Discharging
STY065	361	'43534786_/_4559846'		3.33	3.33	3.33	0.3	0.4	3.33	1.13 No	0.3 Thermal Discharging
STY065	362	'4541842_/_4541839_2'		3.33	3.33	3.33	0.3	0.3	3.33	1.13 No	0.3 Thermal Discharging
STY065	363	'6491942_/_588916095'		10	10	10	0.91	10	10	3.38 No	0.91 Thermal Discharging
STY065	364	'43926375_/_43926377'		1.73	3.33	3.33	0.3	0.5	3.33	1.13 No	0.3 Thermal Discharging
STY065	365	'4559585_/_43533048'		3.33	3.33	3.33	0.3	0.4	3.33	1.13 No	0.3 Thermal Discharging
STY065	366	'6491838_/_588916001'		10	10	10	0.91	10	10	3.38 No	0.91 Thermal Discharging
STY065	367	'6467291_/_6467288_2'		10	10	10	0.91	1.5	10	3.38 No	0.91 Thermal Discharging
STY065	368	'125331225_/_7765337_1'		6.67	6.67	6.67	0.61	0.6	6.67	2.25 No	0.6 Element Fault
STY065	369	'113525161_/_53623802_1'		6.67	6.67	6.67	0.61	0.9	6.67	2.25 No	0.61 Thermal Discharging
STY065	370	'43929595_/_6503810'		10	10	10	0.91	1.4	10	3.38 No	0.91 Thermal Discharging
STY065	371	'6495398_/_588916048'		10	10	10	0.91	10	10	3.38 No	0.91 Thermal Discharging
STY065	372	'6488909_/_6488919'		3.33	3.33	3.33	0.3	0.4	3.33	1.13 No	0.3 Thermal Discharging
STY065	373	'43929388_/_6499221'		1.87	3.33	3.33	0.3	0.47	3.33	1.13 No	0.3 Thermal Discharging
STY065	374	'49148840_/_7171752_1'		10	10	10	0.91	1.4	10	3.38 No	0.91 Thermal Discharging
STY065	375	'6495419_/_588915967'		10	10	10	0.91	10	10	3.38 No	0.91 Thermal Discharging
STY065	376	'113525181_/_6491836_1'		3.33	3.33	3.33	0.3	0.4	3.33	1.13 No	0.3 Thermal Discharging
STY065	377	'6496096_/_588915947'		10	10	10	0.91	10	10	3.38 No	0.91 Thermal Discharging
STY065	378	'43928006_/_6500734'		3.33	3.33	3.33	0.3	0.4	3.33	1.13 No	0.3 Thermal Discharging
STY065	379	'643739210_/_6495433_1'		10	10	10	0.91	1.4	10	3.38 No	0.91 Thermal Discharging
STY065	380	'6491929_/_6491940'		3.33	3.33	3.33	0.3	1.5	3.33	1.13 No	0.3 Thermal Discharging
STY065	381	'6496095_/_588915931'		10	10	10	0.91	10	10	3.38 No	0.91 Thermal Discharging
STY065	382	'67743558_/_77378220_1'		10	10	10	0.91	1.5	10	3.38 No	0.91 Thermal Discharging
STY065	383	'43532559_/_4541852'		3.33	3.33	3.33	0.3	1.1	3.33	1.13 No	0.3 Thermal Discharging
STY065	384	'8712162_/_8712160_1'		10	10	10	0.91	1.4	10	3.38 No	0.91 Thermal Discharging
STY065	385	'6499224_/_8712234_1'		1.8	3.33	3.33	0.3	0.3	3.33	1.13 No	0.3 Thermal Discharging
STY065	386	'6491916_/_6491914_1'		3.33	3.33	3.33	0.3	0.5	3.33	1.13 No	0.3 Thermal Discharging
STY065	387	'43926342_/_43926344'		1.57	3.33	3.33	0.3	0.4	3.33	1.13 No	0.3 Thermal Discharging
STY065	388	'6496136_/_588915897_2'		10	10	10	0.91	10	10	3.38 No	0.91 Thermal Discharging
STY065	389	'7481325_/_579226570'		6.67	6.67	6.67	0.61	0.9	6.67	2.25 No	0.61 Thermal Discharging
STY065	390	'8712147_/_8712180_1'		3.33	3.33	3.33	0.3	0.4	3.33	1.13 No	0.3 Thermal Discharging
STY065	391	'43929121_/_588915897_1'		10	10	10	0.91	10	10	3.38 No	0.91 Thermal Discharging
STY065	392	'351656964_/_351657009'		10	10	10	0.91	1.5	10	3.38 No	0.91 Thermal Discharging
STY065	393	'8422556_/_8422554_2'		6.67	6.67	6.67	0.61	0.9	6.67	2.25 No	0.61 Thermal Discharging
STY065	394	'7171755_/_7171752_2'		10	10	10	0.91	1.4	10	3.38 No	0.91 Thermal Discharging
STY065	395	'43928311_/_43928313'		3.33	3.33	3.33	0.3	0.3	3.33	1.13 No	0.3 Thermal Discharging
STY065	396	'6493371_/_588915877'		10	10	10	0.91	10	10	3.38 No	0.91 Thermal Discharging
STY065	397	'9370020_/_9370018_2'		3.33	3.33	3.33	0.3	0.4	3.33	1.13 No	0.3 Thermal Discharging
STY065	398	'4555356_/_4555340'		3.33	3.33	3.33	0.3	0.4	3.33	1.13 No	0.3 Thermal Discharging
STY065	399	'7818072_/_9398784_1'		10	10	10	0.91	0.9	10	3.38 No	0.9 Element Fault
STY065	400	'6499082_/_6499095'		1.73	3.33	3.33	0.3	0.47	3.33	1.13 No	0.3 Thermal Discharging
STY065	401	'9369984_/_9369982_1'		10	10	10	0.91	1.5	10	3.38 No	0.91 Thermal Discharging
STY065	402	'43927894_/_6499917'		3.33	3.33	3.33	0.3	0.5	3.33	1.13 No	0.3 Thermal Discharging
STY065	403	'43533079_/_4559901'		3.33	3.33	3.33	0.3	0.7	3.33	1.13 No	0.3 Thermal Discharging
STY065	404	'6485991_/_588915846'		10	10	10	0.91	10	10	3.38 No	0.91 Thermal Discharging
STY065	405	'43927861_/_43927852'		3.33	3.33	3.33	0.3	0.3	3.33	1.13 No	0.3 Thermal Discharging
STY065	406	'43532502_/_4559356'		3.33	3.33	3.33	0.3	0.4	3.33	1.13 No	0.3 Thermal Discharging
STY065	407	'4562241_/_4562238'		3.33	3.33	3.33	0.3	0.3	3.33	1.13 No	0.3 Thermal Discharging
STY065	408	'6495436_/_6495433_2'		10	10	10	0.91	1.4	10	3.38 No	0.91 Thermal Discharging
STY065	409	'715771187_/_715770962_2'		3.33	3.33	3.33	0.3	0.3	3.33	1.13 No	0.3 Thermal Discharging
STY065	410	'4559542_/_43534788'		3.33	3.33	3.33	0.3	0.4	3.33	1.13 No	0.3 Thermal Discharging
STY065	411	'6493320_/_588915824'		10	10	10	0.91	10	10	3.38 No	0.91 Thermal Discharging
STY065	412	'6485992_/_6486096_1'		3.33	3.33	3.33	0.3	0.5	3.33	1.13 No	0.3 Thermal Discharging
STY065	413	'432325441_/_432325276_1'		10	10	10	0.91	1.4	10	3.38 No	0.91 Thermal Discharging
STY065	414	'65157379_/_87023228_2'		1.63	3.33	3.33	0.3	0.3	3.33	1.13 No	0.3 Thermal Discharging
STY065	415	'8712163_/_8712160_2'		10	10	10	0.91	1.4	10	3.38 No	0.91 Thermal Discharging
STY065	416	'8712183_/_8712180_2'		3.33	3.33	3.33	0.3	0.4	3.33	1.13 No	0.3 Thermal Discharging
STY065	417	'6493303_/_6493317'		10	10	10	0.91	10	10	3.38 No	0.91 Thermal Discharging
STY065	418	'6491839_/_6491836_2'		3.33	3.33	3.33	0.3	0.4	3.33	1.13 No	0.3 Thermal Discharging
STY065	419	'6500737_/_43928008'		3.33	3.33	3.33	0.3	0.4	3.33	1.13 No	0.3 Thermal Discharging
STY065	420	'44991285_/_6487433'		1.53	3.33	3.33	0.3	0.5	3.33	1.13 No	0.3 Thermal Discharging
STY065	421	'6498932_/_6498929'		10	10	10	0.91	1.5	10	3.38 No	0.91 Thermal Discharging
STY065	422	'9030984_/_351656983'		10	10	10	0.91	1.5	10	3.38 No	0.91 Thermal Discharging
STY065	423	'452331944_/_452331984'		10	10	10	0.91	10	10	3.38 No	0.91 Thermal Discharging
STY065	424	'8712041_/_8712056_1'		6.67	6.67	6.67	0.61	0.9	6.67	2.25 No	0.61 Thermal Discharging
STY065	425	'7765340_/_7765337_2'		6.67	6.67	6.67	0.61	0.6	6.67	2.25 No	0.6 Element Fault
STY065	426	'43927712_/_6499053'		1.67	3.33	3.33	0.3	0.3	3.33	1.13 No	0.3 Thermal Discharging
STY065	427	'6485920_/_6493300'		10	10	10	0.91	10	10	3.38 No	0.91 Thermal Discharging
STY065	428	'43533057_/_4559595'		3.33	3.33	3.33	0.3	0.4	3.33	1.13 No	0.3 Thermal Discharging
STY065	429	'6499446_/_6499498'		1.67	3.33	3.33	0.3	0.3	3.33	1.13 No	0.3 Thermal Discharging
STY065	430	'4555369_/_4555366'		3.33	3.33	3.33	0.3	0.3	3.33	1.13 No	0.3 Thermal Discharging
STY065	431	'453313443_/_588915735'		10	10	10	0.91	10	10	3.38 No	0.91 Thermal Discharging
STY065	432	'51344756_/_51344794'		3.33	3.33	3.33	0.3	0.5	3.33	1.13 No	0.3 Thermal Discharging
STY065	433	'452331951_/_452331876_2'		10	10	10	0.91	5.1	10	3.38 No	0.91 Thermal Discharging
STY065	434	'9030814_/_65157386'		1.57	3.33	3.33	0.3	0.3	3.33	1.13 No	0.3 Thermal Discharging
STY065	435	'4559439_/_4559733'		3.33	3.33	3.33	0.3	0.7	3.33	1.13 No	0.3 Thermal Discharging
STY065	436	'4559304_/_4559301'		3.33	3.33	3.33	0.3	0.4	3.33	1.13 No	0.3 Thermal Discharging
STY065	437	'6495271_/_588915751'		10	10	10	0.91	10	10	3.38 No	0.91 Thermal Discharging
STY065	438	'6491903_/_6491914_2'		3.33	3.33	3.33	0.3	0.5	3.33	1.13 No	0.3 Thermal Discharging
STY065	439	'6488908_/_6488906'		3.33	3.33	3.33	0.3	0.4	3.33	1.13 No	0.3 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
STY065	440	'6515911_/_/7110497'		10	10	10	0.91	10	10	3.38 No	0.91 Thermal Discharging
STY065	441	'6515469_/_/588915771'		10	10	10	0.91	10	10	3.38 No	0.91 Thermal Discharging
STY065	442	'7884671_/_/644663628_1'		6.67	6.67	6.67	0.61	0.9	6.67	2.25 No	0.61 Thermal Discharging
STY065	443	'6495453_/_/6495450'		10	10	10	0.91	1.4	10	3.38 No	0.91 Thermal Discharging
STY065	444	'557048833_/_/557048839'		10	10	10	0.91	10	10	3.38 No	0.91 Thermal Discharging
STY065	445	'6491888_/_/43928639'		6.67	6.67	6.67	0.61	0.9	6.67	2.25 No	0.61 Thermal Discharging
STY065	446	'602948560_/_/6515908_2'		10	10	10	0.91	10	10	3.38 No	0.91 Thermal Discharging
STY065	447	'43927745_/_/6499079'		1.53	3.33	3.33	0.3	0.47	3.33	1.13 No	0.3 Thermal Discharging
STY065	448	'255330567_/_/255330407_1'		3.33	3.33	3.33	0.3	0.3	3.33	1.13 No	0.3 Thermal Discharging
STY065	449	'699106540_/_/699106474_2'		3.33	3.33	3.33	0.3	1.4	3.33	1.13 No	0.3 Thermal Discharging
STY065	450	'6503050_/_/43929597'		10	10	10	0.91	1.4	10	3.38 No	0.91 Thermal Discharging
STY065	451	'4559543_/_/4559540'		3.33	3.33	3.33	0.3	0.4	3.33	1.13 No	0.3 Thermal Discharging
STY065	452	'7476668_/_/7476666'		3.33	3.33	3.33	0.3	0.4	3.33	1.13 No	0.3 Thermal Discharging
STY065	453	'43925469_/_/6486096_2'		3.33	3.33	3.33	0.3	0.5	3.33	1.13 No	0.3 Thermal Discharging
STY065	454	'43928333_/_/7083446'		3.33	3.33	3.33	0.3	0.3	3.33	1.13 No	0.3 Thermal Discharging
STY065	455	'6515910_/_/6515908_1'		10	10	10	0.91	10	10	3.38 No	0.91 Thermal Discharging
STY065	456	'8086404_/_/8401308_1'		3.33	3.33	3.33	0.3	0.3	3.33	1.13 No	0.3 Thermal Discharging
STY065	457	'6495382_/_/6495380_1'		3.33	3.33	3.33	0.3	0.4	3.33	1.13 No	0.3 Thermal Discharging
STY065	458	'9398787_/_/9398784_2'		10	10	10	0.91	0.9	10	3.38 No	0.9 Element Fault
STY065	459	'8087193_/_/8087191_1'		10	10	10	0.91	1.5	10	3.38 No	0.91 Thermal Discharging
STY065	460	'6491467_/_/43927863'		3.33	3.33	3.33	0.3	0.3	3.33	1.13 No	0.3 Thermal Discharging
STY065	461	'485540598_/_/452333237_1'		3.33	3.33	3.33	0.3	0.3	3.33	1.13 No	0.3 Thermal Discharging
STY065	462	'8712237_/_/8712234_2'		1.53	3.33	3.33	0.3	0.3	3.33	1.13 No	0.3 Thermal Discharging
STY065	463	'53623827_/_/8708974'		6.67	6.67	6.67	0.61	0.9	6.67	2.25 No	0.61 Thermal Discharging
STY065	464	'6515738_/_/6515928'		10	10	10	0.91	10	10	3.38 No	0.91 Thermal Discharging
STY065	465	'8401275_/_/715770962_1'		3.33	3.33	3.33	0.3	0.3	3.33	1.13 No	0.3 Thermal Discharging
STY065	466	'4559611_/_/4559608'		3.33	3.33	3.33	0.3	0.4	3.33	1.13 No	0.3 Thermal Discharging
STY065	467	'6515877_/_/6515891'		10	10	10	0.91	10	10	3.38 No	0.91 Thermal Discharging
STY065	468	'9343780_/_/144832419'		6.67	6.67	6.67	0.61	0.6	6.67	2.25 No	0.6 Element Fault
STY065	469	'9031610_/_/9659676_1'		10	10	10	0.91	1.4	10	3.38 No	0.91 Thermal Discharging
STY065	470	'4559372_/_/43532504'		3.33	3.33	3.33	0.3	0.4	3.33	1.13 No	0.3 Thermal Discharging
STY065	471	'6515739_/_/6515753_1'		10	10	10	0.91	1.4	10	3.38 No	0.91 Thermal Discharging
STY065	472	'6491904_/_/6491901'		3.33	3.33	3.33	0.3	0.5	3.33	1.13 No	0.3 Thermal Discharging
STY065	473	'8401311_/_/8401308_2'		3.33	3.33	3.33	0.3	0.3	3.33	1.13 No	0.3 Thermal Discharging
STY065	474	'6515860_/_/6515874'		10	10	10	0.91	10	10	3.38 No	0.91 Thermal Discharging
STY065	475	'43533090_/_/4559437'		3.33	3.33	3.33	0.3	0.7	3.33	1.13 No	0.3 Thermal Discharging
STY065	476	'148869907_/_/6498947_1'		10	10	10	0.91	1.5	10	3.38 No	0.91 Thermal Discharging
STY065	477	'6499933_/_/6499930'		3.33	3.33	3.33	0.3	0.5	3.33	1.13 No	0.3 Thermal Discharging
STY065	478	'6515756_/_/6515753_2'		10	10	10	0.91	1.4	10	3.38 No	0.91 Thermal Discharging
STY065	479	'7884795_/_/7884793_1'		10	10	10	0.91	1.4	10	3.38 No	0.91 Thermal Discharging
STY065	480	'6515795_/_/6515857'		10	10	10	0.91	10	10	3.38 No	0.91 Thermal Discharging
STY065	481	'6498950_/_/6498947_2'		10	10	10	0.91	1.5	10	3.38 No	0.91 Thermal Discharging
STY065	482	'6515717_/_/6515715_1'		6.67	6.67	6.67	0.61	0.9	6.67	2.25 No	0.61 Thermal Discharging
STY065	483	'6515842_/_/6515840'		10	10	10	0.91	10	10	3.38 No	0.91 Thermal Discharging
STY065	484	'4559559_/_/4559556'		3.33	3.33	3.33	0.3	0.4	3.33	1.13 No	0.3 Thermal Discharging
STY065	485	'153882058_/_/144832692'		6.67	6.67	6.67	0.61	0.6	6.67	2.25 No	0.6 Element Fault
STY065	486	'43928583_/_/6491966'		3.33	3.33	3.33	0.3	0.5	3.33	1.13 No	0.3 Thermal Discharging
STY065	487	'9659452_/_/9659450'		3.33	3.33	3.33	0.3	0.4	3.33	1.13 No	0.3 Thermal Discharging
STY065	488	'8087194_/_/8087191_2'		10	10	10	0.91	1.5	10	3.38 No	0.91 Thermal Discharging
STY065	489	'302300445_/_/6495467'		10	10	10	0.91	1.4	10	3.38 No	0.91 Thermal Discharging
STY065	490	'302300619_/_/302300527_1'		10	10	10	0.91	0.8	10	3.38 No	0.8 Element Fault
STY065	491	'43927734_/_/43927736'		1.43	3.33	3.33	0.3	0.3	3.33	1.13 No	0.3 Thermal Discharging
STY065	492	'6491715_/_/43928335'		3.33	3.33	3.33	0.3	0.3	3.33	1.13 No	0.3 Thermal Discharging
STY065	493	'9369985_/_/9369982_2'		10	10	10	0.91	1.5	10	3.38 No	0.91 Thermal Discharging
STY065	494	'43927744_/_/6499066'		1.4	3.33	3.33	0.3	0.47	3.33	1.13 No	0.3 Thermal Discharging
STY065	495	'51344725_/_/51344763'		3.33	3.33	3.33	0.3	0.5	3.33	1.13 No	0.3 Thermal Discharging
STY065	496	'6499043_/_/43927714'		1.4	3.33	3.33	0.3	0.3	3.33	1.13 No	0.3 Thermal Discharging
STY065	497	'473296445_/_/7884793_2'		10	10	10	0.91	1.4	10	3.38 No	0.91 Thermal Discharging
STY065	498	'6510775_/_/6515965'		10	10	10	0.91	10	10	3.38 No	0.91 Thermal Discharging
STY065	499	'6495258_/_/6495380_2'		3.33	3.33	3.33	0.3	0.4	3.33	1.13 No	0.3 Thermal Discharging
STY065	500	'432325257_/_/432325276_2'		10	10	10	0.91	1.4	10	3.38 No	0.91 Thermal Discharging
STY065	501	'6503051_/_/6503048'		10	10	10	0.91	1.4	10	3.38 No	0.91 Thermal Discharging
STY065	502	'6502272_/_/6502270'		1.23	3.33	3.33	0.3	0.4	3.33	1.13 No	0.3 Thermal Discharging
STY065	503	'4551099_/_/4551096'		3.33	3.33	3.33	0.3	1.1	3.33	1.13 No	0.3 Thermal Discharging
STY065	504	'6491870_/_/6491886'		6.67	6.67	6.67	0.61	0.9	6.67	2.25 No	0.61 Thermal Discharging
STY065	505	'43533068_/_/4559621'		3.33	3.33	3.33	0.3	0.4	3.33	1.13 No	0.3 Thermal Discharging
STY065	506	'6491468_/_/6491465'		3.33	3.33	3.33	0.3	0.3	3.33	1.13 No	0.3 Thermal Discharging
STY065	507	'7486905_/_/7486902_1'		10	10	10	0.91	0.9	10	3.38 No	0.9 Element Fault
STY065	508	'9030666_/_/9658532_1'		3.33	3.33	3.33	0.3	0.3	3.33	1.13 No	0.3 Thermal Discharging
STY065	509	'6495470_/_/302300447'		10	10	10	0.91	1.4	10	3.38 No	0.91 Thermal Discharging
STY065	510	'7486284_/_/7486902_2'		10	10	10	0.91	0.9	10	3.38 No	0.9 Element Fault
STY065	511	'6515662_/_/6515823'		10	10	10	0.91	10	10	3.38 No	0.91 Thermal Discharging
STY065	512	'121563420_/_/6515679_1'		10	10	10	0.91	1.4	10	3.38 No	0.91 Thermal Discharging
STY065	513	'414012249_/_/410116294_1'		3.33	3.33	3.33	0.3	0.3	3.33	1.13 No	0.3 Thermal Discharging
STY065	514	'7765215_/_/8712018_1'		10	10	10	0.91	0.9	10	3.38 No	0.9 Element Fault
STY065	515	'6515682_/_/6515679_2'		10	10	10	0.91	1.4	10	3.38 No	0.91 Thermal Discharging
STY065	516	'4559440_/_/43533092'		3.33	3.33	3.33	0.3	0.7	3.33	1.13 No	0.3 Thermal Discharging
STY065	517	'9658535_/_/9658532_2'		3.33	3.33	3.33	0.3	0.3	3.33	1.13 No	0.3 Thermal Discharging
STY065	518	'9659679_/_/9659676_2'		10	10	10	0.91	1.4	10	3.38 No	0.91 Thermal Discharging
STY065	519	'6514568_/_/6515659'		10	10	10	0.91	10	10	3.38 No	0.91 Thermal Discharging
STY065	520	'7884796_/_/473296467'		10	10	10	0.91	1.4	10	3.38 No	0.91 Thermal Discharging
STY065	521	'8086897_/_/8086895_1'		10	10	10	0.91	1.4	10	3.38 No	0.91 Thermal Discharging
STY065	522	'43932033_/_/6515715_2'		6.67	6.67	6.67	0.61	0.9	6.67	2.25 No	0.61 Thermal Discharging
STY065	523	'6491956_/_/43928585'		3.33	3.33	3.33	0.3	0.5	3.33	1.13 No	0.3 Thermal Discharging
STY065	524	'43930855_/_/6515773'		10	10	10	0.91	1.4	10	3.38 No	0.91 Thermal Discharging
STY065	525	'4559317_/_/4559314'		3.33	3.33	3.33	0.3	0.4	3.33	1.13 No	0.3 Thermal Discharging
STY065	526	'437308097_/_/644663638'		6.67	6.67	6.67	0.61	0.9	6.67	2.25 No	0.61 Thermal Discharging
STY065	527	'6486008_/_/6486005'		3.33	3.33	3.33	0.3	0.5	3.33	1.13 No	0.3 Thermal Discharging
STY065	528	'7642595_/_/9221052'		3.33	3.33	3.33	0.3	0.3	3.33	1.13 No	0.3 Thermal Discharging
STY065	529	'6508427_/_/6514565'		10	10	10	0.91	10	10	3.38 No	0.91 Thermal Discharging
STY065	530	'8422576_/_/53623877'		6.67	6.67	6.67	0.61	0.9	6.67	2.25 No	0.61 Thermal Discharging
STY065	531	'8401204_/_/8712056_2'		6.67	6.67	6.67	0.61	0.9	6.67	2.25 No	0.61 Thermal Discharging
STY065	532	'6508428_/_/6508442_1'		10	10	10	0.91	2.5	10	3.38 No	0.91 Thermal Discharging
STY065	533	'43931055_/_/43931057'		10	10	10	0.91	10	10	3.38 No	0.91 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
STY065	534	'8712021_/_8712018_2'	10	10	10	0.91	0.9	10	3.38	No	0.9 Element Fault
STY065	535	'7765273_/_7765271'	3.33	3.33	3.33	0.3	0.4	3.33	1.13	No	0.3 Thermal Discharging
STY065	536	'43928344_/_6491713'	3.33	3.33	3.33	0.3	0.3	3.33	1.13	No	0.3 Thermal Discharging
STY065	537	'6498965_/_6498962'	10	10	10	0.91	1.5	10	3.38	No	0.91 Thermal Discharging
STY065	538	'70127944_/_9658692_1'	10	10	10	0.91	0.9	10	3.38	No	0.9 Element Fault
STY065	539	'481360258_/_481360282'	3.33	3.33	3.33	0.3	0.4	3.33	1.13	No	0.3 Thermal Discharging
STY065	540	'452331857_/_452331876_1'	10	10	10	0.91	1.5	10	3.38	No	0.91 Thermal Discharging
STY065	541	'43532513_/_4559382'	3.33	3.33	3.33	0.3	0.4	3.33	1.13	No	0.3 Thermal Discharging
STY065	542	'6514500_/_6514514'	10	10	10	0.91	10	10	3.38	No	0.91 Thermal Discharging
STY065	543	'121563253_/_121563319'	10	10	10	0.91	1.4	10	3.38	No	0.91 Thermal Discharging
STY065	544	'6499458_/_6499456'	1.3	3.33	3.33	0.3	0.3	3.33	1.13	No	0.3 Thermal Discharging
STY065	545	'6499946_/_6499943'	3.33	3.33	3.33	0.3	0.5	3.33	1.13	No	0.3 Thermal Discharging
STY065	546	'8086878_/_8372738_1'	10	10	10	0.91	1.5	10	3.38	No	0.91 Thermal Discharging
STY065	547	'7486285_/_7486282'	6.8	10	10	0.91	0.9	10	3.38	No	0.9 Element Fault
STY065	548	'43928649_/_6491868'	6.67	6.67	6.67	0.61	0.9	6.67	2.25	No	0.61 Thermal Discharging
STY065	549	'466796739_/_466796745'	10	10	10	0.91	10	10	3.38	No	0.91 Thermal Discharging
STY065	550	'43927701_/_43927703'	1.27	3.33	3.33	0.3	0.3	3.33	1.13	No	0.3 Thermal Discharging
STY065	551	'6491677_/_6491674'	3.33	3.33	3.33	0.3	0.3	3.33	1.13	No	0.3 Thermal Discharging
STY065	552	'51343995_/_51344732'	3.33	3.33	3.33	0.3	0.5	3.33	1.13	No	0.3 Thermal Discharging
STY065	553	'6508445_/_6508442_2'	10	10	10	0.91	2.5	10	3.38	No	0.91 Thermal Discharging
STY065	554	'302300508_/_302300527_2'	10	10	10	0.91	0.8	10	3.38	No	0.8 Element Fault
STY065	555	'43931042_/_6514497'	10	10	10	0.91	10	10	3.38	No	0.91 Thermal Discharging
STY065	556	'8086898_/_8086895_2'	10	10	10	0.91	1.4	10	3.38	No	0.91 Thermal Discharging
STY065	557	'466796781_/_454494487_1'	10	10	10	0.91	1.4	10	3.38	No	0.91 Thermal Discharging
STY065	558	'6515703_/_121563255'	6.67	6.67	6.67	0.61	0.93	6.67	2.25	No	0.61 Thermal Discharging
STY065	559	'6508408_/_6514477'	10	10	10	0.91	10	10	3.38	No	0.91 Thermal Discharging
STY065	560	'8087253_/_8087251_1'	10	10	10	0.91	10	10	3.38	No	0.91 Thermal Discharging
STY065	561	'7961582_/_410116294_2'	3.33	3.33	3.33	0.3	0.3	3.33	1.13	No	0.3 Thermal Discharging
STY065	562	'6515718_/_43932035'	6.67	6.67	6.67	0.61	0.9	6.67	2.25	No	0.61 Thermal Discharging
STY065	563	'8372741_/_8372738_2'	10	10	10	0.91	1.5	10	3.38	No	0.91 Thermal Discharging
STY065	564	'6515776_/_43930857'	10	10	10	0.91	1.4	10	3.38	No	0.91 Thermal Discharging
STY065	565	'9346713_/_9659466'	3.33	3.33	3.33	0.3	0.4	3.33	1.13	No	0.3 Thermal Discharging
STY065	566	'464295957_/_6508405_2'	10	10	10	0.91	3.4	10	3.38	No	0.91 Thermal Discharging
STY065	567	'6486021_/_6486018'	3.33	3.33	3.33	0.3	0.5	3.33	1.13	No	0.3 Thermal Discharging
STY065	568	'6491716_/_43928346'	3.33	3.33	3.33	0.3	0.3	3.33	1.13	No	0.3 Thermal Discharging
STY065	569	'6495259_/_6495256'	3.33	3.33	3.33	0.3	0.4	3.33	1.13	No	0.3 Thermal Discharging
STY065	570	'7765901_/_9370002_1'	3.33	3.33	3.33	0.3	0.4	3.33	1.13	No	0.3 Thermal Discharging
STY065	571	'43929320_/_6503089'	3.33	3.33	3.33	0.3	0.5	3.33	1.13	No	0.3 Thermal Discharging
STY065	572	'8712849_/_8712846'	10	10	10	0.91	1.4	10	3.38	No	0.91 Thermal Discharging
STY065	573	'53623800_/_53623856'	6.67	6.67	6.67	0.61	0.9	6.67	2.25	No	0.61 Thermal Discharging
STY065	574	'43532581_/_4559971'	3.33	3.33	3.33	0.3	0.4	3.33	1.13	No	0.3 Thermal Discharging
STY065	575	'43925480_/_6486031'	3.33	3.33	3.33	0.3	0.5	3.33	1.13	No	0.3 Thermal Discharging
STY065	576	'8086529_/_70127925'	6.67	6.67	6.67	0.61	0.6	6.67	2.25	No	0.6 Element Fault
STY065	577	'9658695_/_9658692_2'	10	10	10	0.91	0.9	10	3.38	No	0.9 Element Fault
STY065	578	'9030698_/_9030695'	5.8	10	10	0.91	0.9	10	3.38	No	0.9 Element Fault
STY065	579	'6508388_/_6508405_1'	10	10	10	0.91	1.4	10	3.38	No	0.91 Thermal Discharging
STY065	580	'6491855_/_6491852'	3.33	3.33	3.33	0.3	0.45	3.33	1.13	No	0.3 Thermal Discharging
STY065	581	'4559426_/_4559424_1'	3.33	3.33	3.33	0.3	0.4	3.33	1.13	No	0.3 Thermal Discharging
STY065	582	'4551083_/_4551109'	3.33	3.33	3.33	0.3	1.1	3.33	1.13	No	0.3 Thermal Discharging
STY065	583	'43928276_/_6500543'	3.33	3.33	3.33	0.3	0.3	3.33	1.13	No	0.3 Thermal Discharging
STY065	584	'8712829_/_8712826'	10	10	10	0.91	1.5	10	3.38	No	0.91 Thermal Discharging
STY065	585	'7451899_/_9658548_1'	3.33	3.33	3.33	0.3	0.3	3.33	1.13	No	0.3 Thermal Discharging
STY065	586	'8712113_/_9030679_1'	3.33	3.33	3.33	0.3	0.3	3.33	1.13	No	0.3 Thermal Discharging
STY065	587	'6499972_/_6499969_1'	3.33	3.33	3.33	0.3	0.5	3.33	1.13	No	0.3 Thermal Discharging
STY065	588	'51343964_/_51344002'	3.33	3.33	3.33	0.3	0.5	3.33	1.13	No	0.3 Thermal Discharging
STY065	589	'4551082_/_4551080'	3.33	3.33	3.33	0.3	1.1	3.33	1.13	No	0.3 Thermal Discharging
STY065	590	'6499211_/_6499469'	1.17	3.33	3.33	0.3	0.3	3.33	1.13	No	0.3 Thermal Discharging
STY065	591	'6499042_/_6499040'	1.13	3.33	3.33	0.3	0.3	3.33	1.13	No	0.3 Thermal Discharging
STY065	592	'6503475_/_6503472'	10	10	10	0.91	1.5	10	3.38	No	0.91 Thermal Discharging
STY065	593	'6499984_/_6499969_2'	3.33	3.33	3.33	0.3	0.5	3.33	1.13	No	0.3 Thermal Discharging
STY065	594	'8401205_/_8401202'	6.67	6.67	6.67	0.61	0.9	6.67	2.25	No	0.61 Thermal Discharging
STY065	595	'7486925_/_452333237_2'	1.8	3.33	3.33	0.3	0.3	3.33	1.13	No	0.3 Thermal Discharging
STY065	596	'454494425_/_454494427'	10	10	10	0.91	1.4	10	3.38	No	0.91 Thermal Discharging
STY065	597	'7452509_/_9659262'	10	10	10	0.91	1.5	10	3.38	No	0.91 Thermal Discharging
STY065	598	'454494101_/_8087251_2'	10	10	10	0.91	10	10	3.38	No	0.91 Thermal Discharging
STY065	599	'455260960_/_454494506_1'	10	10	10	0.91	1.4	10	3.38	No	0.91 Thermal Discharging
STY065	600	'6499985_/_6499982'	3.33	3.33	3.33	0.3	0.5	3.33	1.13	No	0.3 Thermal Discharging
STY065	601	'43532592_/_4559424_2'	3.33	3.33	3.33	0.3	0.4	3.33	1.13	No	0.3 Thermal Discharging
STY065	602	'6486034_/_43925482'	3.33	3.33	3.33	0.3	0.5	3.33	1.13	No	0.3 Thermal Discharging
STY065	603	'6503079_/_6503076'	3.33	3.33	3.33	0.3	0.5	3.33	1.13	No	0.3 Thermal Discharging
STY065	604	'4559427_/_9535774_1'	3.33	3.33	3.33	0.3	0.3	3.33	1.13	No	0.3 Thermal Discharging
STY065	605	'4559397_/_43532515'	3.33	3.33	3.33	0.3	0.4	3.33	1.13	No	0.3 Thermal Discharging
STY065	606	'7452528_/_7765899'	3.33	3.33	3.33	0.3	0.4	3.33	1.13	No	0.3 Thermal Discharging
STY065	607	'8125688_/_454494487_2'	10	10	10	0.91	1.4	10	3.38	No	0.91 Thermal Discharging
STY065	608	'44100262_/_51343971'	3.33	3.33	3.33	0.3	0.5	3.33	1.13	No	0.3 Thermal Discharging
STY065	609	'761437608_/_9030679_2'	3.33	3.33	3.33	0.3	0.3	3.33	1.13	No	0.3 Thermal Discharging
STY065	610	'7452529_/_9346710_1'	3.33	3.33	3.33	0.3	0.4	3.33	1.13	No	0.3 Thermal Discharging
STY065	611	'9658551_/_9658548_2'	3.33	3.33	3.33	0.3	0.3	3.33	1.13	No	0.3 Thermal Discharging
STY065	612	'6500546_/_43928278'	3.33	3.33	3.33	0.3	0.3	3.33	1.13	No	0.3 Thermal Discharging
STY065	613	'6508465_/_6508462'	10	10	10	0.91	2.5	10	3.38	No	0.91 Thermal Discharging
STY065	614	'6499210_/_6499208'	1.07	3.33	3.33	0.3	0.3	3.33	1.13	No	0.3 Thermal Discharging
STY065	615	'43929342_/_6503488'	6.67	6.67	6.67	0.61	1	6.67	2.25	No	0.61 Thermal Discharging
STY065	616	'9030682_/_761437632'	3.33	3.33	3.33	0.3	0.3	3.33	1.13	No	0.3 Thermal Discharging
STY065	617	'350384648_/_454494506_2'	10	10	10	0.91	1.4	10	3.38	No	0.91 Thermal Discharging
STY065	618	'7884222_/_308718756'	3.33	3.33	3.33	0.3	0.3	3.33	1.13	No	0.3 Thermal Discharging
STY065	619	'4559398_/_4559395'	3.33	3.33	3.33	0.3	0.4	3.33	1.13	No	0.3 Thermal Discharging
STY065	620	'43928355_/_6499995'	3.33	3.33	3.33	0.3	0.5	3.33	1.13	No	0.3 Thermal Discharging
STY065	621	'7765417_/_308718767'	3.33	3.33	3.33	0.3	0.3	3.33	1.13	No	0.3 Thermal Discharging
STY065	622	'51816868_/_7452506'	10	10	10	0.91	1.5	10	3.38	No	0.91 Thermal Discharging
STY065	623	'43928366_/_6500053'	3.33	3.33	3.33	0.3	0.5	3.33	1.13	No	0.3 Thermal Discharging
STY065	624	'466796794_/_454494394'	10	10	10	0.91	1.4	10	3.38	No	0.91 Thermal Discharging
STY065	625	'9535473_/_9535774_2'	3.33	3.33	3.33	0.3	0.3	3.33	1.13	No	0.3 Thermal Discharging
STY065	626	'255330519_/_255330407_2'	3.33	3.33	3.33	0.3	0.3	3.33	1.13	No	0.3 Thermal Discharging
STY065	627	'40374794_/_44100259'	3.33	3.33	3.33	0.3	0.5	3.33	1.13	No	0.3 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
STY065	628	'7884273_/_76060265'	6.67	6.67	6.67	0.61	0.6	6.67	2.25 No	0.6	Element Fault
STY065	629	'8086530_/_8086527'	10	10	10	0.91	0.9	10	3.38 No	0.9	Element Fault
STY065	630	'6503491_/_43929344'	6.67	6.67	6.67	0.61	1	6.67	2.25 No	0.61	Thermal Discharging
STY065	631	'8086514_/_8086511'	3.33	3.33	3.33	0.3	0.3	3.33	1.13 No	0.3	Thermal Discharging
STY065	632	'6500011_/_6500008'	3.33	3.33	3.33	0.3	0.5	3.33	1.13 No	0.3	Thermal Discharging
STY065	633	'6508482_/_6508479'	10	10	10	0.91	2.5	10	3.38 No	0.91	Thermal Discharging
STY065	634	'70127878_/_51816878_1'	10	10	10	0.91	1.5	10	3.38 No	0.91	Thermal Discharging
STY065	635	'7642594_/_9535470_1'	3.33	3.33	3.33	0.3	0.3	3.33	1.13 No	0.3	Thermal Discharging
STY065	636	'7451867_/_699106474_1'	3.33	3.33	3.33	0.3	0.4	3.33	1.13 No	0.3	Thermal Discharging
STY065	637	'43532570_/_4559408'	3.33	3.33	3.33	0.3	0.4	3.33	1.13 No	0.3	Thermal Discharging
STY065	638	'9030922_/_9343812'	6.8	10	10	0.91	0.9	10	3.38 No	0.9	Element Fault
STY065	639	'67802261_/_67802264'	10	10	10	0.91	2.5	10	3.38 No	0.91	Thermal Discharging
STY065	640	'6500027_/_6500024'	3.33	3.33	3.33	0.3	0.5	3.33	1.13 No	0.3	Thermal Discharging
STY065	641	'67802353_/_67802334_1'	10	10	10	0.91	1.5	10	3.38 No	0.91	Thermal Discharging
STY065	642	'6500069_/_43928368'	3.33	3.33	3.33	0.3	0.5	3.33	1.13 No	0.3	Thermal Discharging
STY065	643	'34632426_/_44083374'	3.33	3.33	3.33	0.3	0.5	3.33	1.13 No	0.3	Thermal Discharging
STY065	644	'9343685_/_9343682'	6.5	10	10	0.91	0.9	10	3.38 No	0.9	Element Fault
STY065	645	'7884237_/_9030843_1'	3.33	3.33	3.33	0.3	0.1	3.33	1.13 No	0.1	Element Fault
STY065	646	'43932080_/_6510930'	10	10	10	0.91	2.5	10	3.38 No	0.91	Thermal Discharging
STY065	647	'7765473_/_9343846_1'	3.33	3.33	3.33	0.3	0.3	3.33	1.13 No	0.3	Thermal Discharging
STY065	648	'67802326_/_67802334_2'	10	10	10	0.91	1.5	10	3.38 No	0.91	Thermal Discharging
STY065	649	'43928377_/_6500079'	3.33	3.33	3.33	0.3	0.5	3.33	1.13 No	0.3	Thermal Discharging
STY065	650	'6500082_/_8712268_1'	3.33	3.33	3.33	0.3	0.1	3.33	1.13 No	0.1	Element Fault
STY065	651	'456760196_/_454494539'	10	10	10	0.91	1.4	10	3.38 No	0.91	Thermal Discharging
STY065	652	'6508502_/_6508499'	10	10	10	0.91	2.5	10	3.38 No	0.91	Thermal Discharging
STY065	653	'6499959_/_6500092'	3.33	3.33	3.33	0.3	0.5	3.33	1.13 No	0.3	Thermal Discharging
STY065	654	'9343705_/_9343702_1'	8	10	10	0.91	0.9	10	3.38 No	0.9	Element Fault
STY065	655	'456760239_/_456760258'	10	10	10	0.91	1.4	10	3.38 No	0.91	Thermal Discharging
STY065	656	'456760316_/_456760357'	10	10	10	0.91	1.4	10	3.38 No	0.91	Thermal Discharging
STY065	657	'52588773_/_6518260'	10	10	10	0.91	2.5	10	3.38 No	0.91	Thermal Discharging
STY065	658	'52588868_/_52588775_1'	10	10	10	0.91	2.5	10	3.38 No	0.91	Thermal Discharging
STY065	659	'71668781_/_52588844_2'	10	10	10	0.91	2.5	10	3.38 No	0.91	Thermal Discharging
STY065	660	'6500572_/_8712268_2'	3.33	3.33	3.33	0.3	0.1	3.33	1.13 No	0.1	Element Fault
STY065	661	'52588898_/_52588844_1'	10	10	10	0.91	0.9	10	3.38 No	0.9	Element Fault
STY065	662	'52588924_/_52588901_1'	10	10	10	0.91	0.5	10	3.38 No	0.5	Element Fault
STY065	663	'43932301_/_52588775_2'	10	10	10	0.91	2.5	10	3.38 No	0.91	Thermal Discharging
STY065	664	'4559411_/_43532572'	3.33	3.33	3.33	0.3	0.4	3.33	1.13 No	0.3	Thermal Discharging
STY065	665	'6510933_/_43932082'	10	10	10	0.91	2.5	10	3.38 No	0.91	Thermal Discharging
STY065	666	'52588890_/_52588901_2'	10	10	10	0.91	0.5	10	3.38 No	0.5	Element Fault
STY065	667	'6500558_/_8712268_3'	3.33	3.33	3.33	0.3	0.1	3.33	1.13 No	0.1	Element Fault
STY065	668	'40680001_/_44103651'	3.33	3.33	3.33	0.3	0.5	3.33	1.13 No	0.3	Thermal Discharging
STY065	669	'6508521_/_6518280'	10	10	10	0.91	2.5	10	3.38 No	0.91	Thermal Discharging
STY065	670	'455261001_/_456760320'	10	10	10	0.91	1.4	10	3.38 No	0.91	Thermal Discharging
STY065	671	'455260988_/_395987378'	10	10	10	0.91	1.4	10	3.38 No	0.91	Thermal Discharging
STY065	672	'6500059_/_562048615'	3.33	3.33	3.33	0.3	0.1	3.33	1.13 No	0.1	Element Fault
STY065	673	'6499958_/_6499956'	3.33	3.33	3.33	0.3	0.5	3.33	1.13 No	0.3	Thermal Discharging
STY065	674	'43931081_/_6508536'	10	10	10	0.91	2.5	10	3.38 No	0.91	Thermal Discharging
STY065	675	'9030846_/_9030843_2'	3.33	3.33	3.33	0.3	0.1	3.33	1.13 No	0.1	Element Fault
STY065	676	'6500585_/_6500582'	3.33	3.33	3.33	0.3	0.1	3.33	1.13 No	0.1	Element Fault
STY065	677	'6507910_/_6508519'	10	10	10	0.91	2.5	10	3.38 No	0.91	Thermal Discharging
STY065	678	'6508539_/_43931083'	10	10	10	0.91	2.5	10	3.38 No	0.91	Thermal Discharging
STY065	679	'6507890_/_6507907'	10	10	10	0.91	2.5	10	3.38 No	0.91	Thermal Discharging
STY065	680	'9031259_/_9031257_1'	6.67	6.67	6.67	0.61	0.6	6.67	2.25 No	0.6	Element Fault
STY065	681	'6507930_/_6507927'	10	10	10	0.91	2.5	10	3.38 No	0.91	Thermal Discharging
STY065	682	'8141810_/_9087269'	3.33	3.33	3.33	0.3	0.5	3.33	1.13 No	0.3	Thermal Discharging
STY065	683	'8712749_/_9346362_1'	10	10	10	0.91	0.9	10	3.38 No	0.9	Element Fault
STY065	684	'6500601_/_6500598'	3.33	3.33	3.33	0.3	0.1	3.33	1.13 No	0.1	Element Fault
STY065	685	'6507947_/_6507944'	10	10	10	0.91	2.5	10	3.38 No	0.91	Thermal Discharging
STY065	686	'50655335_/_6507887'	10	10	10	0.91	2.5	10	3.38 No	0.91	Thermal Discharging
STY065	687	'6515487_/_9031627_2'	10	10	10	0.91	2.5	10	3.38 No	0.91	Thermal Discharging
STY065	688	'9031629_/_9031627_1'	10	10	10	0.91	0.9	10	3.38 No	0.9	Element Fault
STY065	689	'6508022_/_6508019'	10	10	10	0.91	2.5	10	3.38 No	0.91	Thermal Discharging
STY065	690	'9346365_/_9346362_2'	10	10	10	0.91	0.9	10	3.38 No	0.9	Element Fault
STY065	691	'9031260_/_9031257_2'	6.67	6.67	6.67	0.61	0.6	6.67	2.25 No	0.6	Element Fault
STY065	692	'43928388_/_6500692'	2	3.33	3.33	0.3	0.1	3.33	1.13 No	0.1	Element Fault
STY065	693	'6508045_/_6508042'	10	10	10	0.91	2.5	10	3.38 No	0.91	Thermal Discharging
STY065	694	'6507967_/_6507964'	10	10	10	0.91	2.5	10	3.38 No	0.91	Thermal Discharging
STY065	695	'434454144_/_6507980_1'	3.33	3.33	3.33	0.3	0.3	3.33	1.13 No	0.3	Thermal Discharging
STY065	696	'434454127_/_434454076_1'	10	10	10	0.91	0.9	10	3.38 No	0.9	Element Fault
STY065	697	'434454057_/_434454076_2'	10	10	10	0.91	0.9	10	3.38 No	0.9	Element Fault
STY065	698	'43928393_/_43928390'	1.7	3.33	3.33	0.3	0.1	3.33	1.13 No	0.1	Element Fault
STY065	699	'7451915_/_144832709'	3.33	3.33	3.33	0.3	0.5	3.33	1.13 No	0.3	Thermal Discharging
STY065	700	'6507983_/_6507980_2'	3.33	3.33	3.33	0.3	0.3	3.33	1.13 No	0.3	Thermal Discharging
STY065	701	'51344442_/_51344131'	2.23	3.33	3.33	0.3	0.5	3.33	1.13 No	0.3	Thermal Discharging
STY065	702	'9030952_/_9658716'	3.33	3.33	3.33	0.3	0.3	3.33	1.13 No	0.3	Thermal Discharging
STY065	703	'7765488_/_7765485_1'	3.33	3.33	3.33	0.3	0.3	3.33	1.13 No	0.3	Thermal Discharging
STY065	704	'7765502_/_7765485_2'	3.33	3.33	3.33	0.3	0.3	3.33	1.13 No	0.3	Thermal Discharging
STY065	705	'6507996_/_6507993'	3.33	3.33	3.33	0.3	0.3	3.33	1.13 No	0.3	Thermal Discharging
STY065	706	'8712128_/_144832491'	3.33	3.33	3.33	0.3	0.5	3.33	1.13 No	0.3	Thermal Discharging
STY065	707	'6508009_/_6508006'	3.33	3.33	3.33	0.3	0.3	3.33	1.13 No	0.3	Thermal Discharging
STY065	708	'7765474_/_9658732'	3.33	3.33	3.33	0.3	0.3	3.33	1.13 No	0.3	Thermal Discharging
STY065	709	'51344515_/_51344522'	1.63	3.33	3.33	0.3	0.5	3.33	1.13 No	0.3	Thermal Discharging
STY065	710	'9343781_/_144832480'	3.33	3.33	3.33	0.3	0.5	3.33	1.13 No	0.3	Thermal Discharging
STY065	711	'7884274_/_9030965'	3.33	3.33	3.33	0.3	0.3	3.33	1.13 No	0.3	Thermal Discharging
STY065	712	'51344546_/_51344553'	1.37	3.33	3.33	0.3	0.5	3.33	1.13 No	0.3	Thermal Discharging
STY065	713	'153955800_/_144832502_1'	3.33	3.33	3.33	0.3	0.5	3.33	1.13 No	0.3	Thermal Discharging
STY065	714	'51344475_/_51344572'	1.2	3.33	3.33	0.3	0.5	3.33	1.13 No	0.3	Thermal Discharging
STY065	715	'51344124_/_51344477'	1.2	3.33	3.33	0.3	0.5	3.33	1.13 No	0.3	Thermal Discharging
STY065	716	'51344155_/_51344162'	1.07	3.33	3.33	0.3	0.5	3.33	1.13 No	0.3	Thermal Discharging
STY065	717	'34633700_/_51344181'	0.97	3.33	3.33	0.3	0.5	3.33	1.13 No	0.3	Thermal Discharging
STY065	718	'36503688_/_44086817'	0.9	3.13	3.33	0.3	0.5	3.22	1.13 No	0.3	Thermal Discharging
STY065	719	'34633714_/_44083582'	0.87	3	3.33	0.3	0.5	3.14	1.13 No	0.3	Thermal Discharging
STY065	720	'51345039_/_51345043'	0.77	2.73	3.33	0.3	0.5	2.97	1.13 No	0.3	Thermal Discharging
STY065	721	'51345104_/_51345111'	0.73	2.63	3.33	0.3	0.5	2.9	1.13 No	0.3	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
				Deviation						VSR (MW)	Limiting Threshold
STY065	722	'51345135_/_51345142'	0.7		2.5	3.33	0.3	0.5	2.81	1.13 No	0.3 Thermal Discharging
STY065	723	'55255928_/_51345173'	0.67		2.37	3.33	0.3	0.5	2.7	1.13 No	0.3 Thermal Discharging
STY071	0	'STY071_/_8356314'	10		10	10	3.96	10	10	10 No	3.96 Thermal Discharging
STY071	1	'8356316_/_8356314'	10		10	10	3.96	10	10	3.47 No	3.47 Unintentional Islanding
STY071	2	'8983572_/_9610431'	10		10	10	3.96	10	10	3.47 No	3.47 Unintentional Islanding
STY071	3	'7405750_/_8983569'	10		10	10	3.96	10	10	3.47 No	3.47 Unintentional Islanding
STY071	4	'103235681_/_7405748'	10		10	10	3.96	10	10	3.47 No	3.47 Unintentional Islanding
STY071	5	'5577347_/_103235683_1'	10		10	10	3.96	10	10	3.47 No	3.47 Unintentional Islanding
STY071	6	'114690553_/_103235683_2'	10		10	10	3.96	10	10	3.47 No	3.47 Unintentional Islanding
STY071	7	'114690587_/_114690589'	10		10	10	3.96	10	10	3.47 No	3.47 Unintentional Islanding
STY071	8	'5569241_/_5577362'	10		10	10	3.96	10	10	3.47 No	3.47 Unintentional Islanding
STY071	9	'43739678_/_5569255'	10		10	10	3.96	10	10	3.47 No	3.47 Unintentional Islanding
STY071	10	'5569274_/_43739680'	10		10	10	3.96	10	10	3.47 No	3.47 Unintentional Islanding
STY071	11	'5569275_/_5569272'	10		10	10	3.96	10	10	3.47 No	3.47 Unintentional Islanding
STY071	12	'7719240_/_9610323_2'	10		10	10	3.96	5.3	10	3.47 No	3.47 Unintentional Islanding
STY071	13	'43739691_/_5569925'	10		10	10	3.96	10	10	3.47 No	3.47 Unintentional Islanding
STY071	14	'5569945_/_5569942'	10		10	10	3.96	10	10	3.47 No	3.47 Unintentional Islanding
STY071	15	'5569962_/_5569959'	10		10	10	3.96	10	10	3.47 No	3.47 Unintentional Islanding
STY071	16	'5569979_/_5569976'	10		10	10	3.96	10	10	3.47 No	3.47 Unintentional Islanding
STY071	17	'268858848_/_268858845'	10		10	10	3.96	10	10	3.47 No	3.47 Unintentional Islanding
STY071	18	'268858794_/_268858869'	10		10	10	3.96	10	10	3.47 No	3.47 Unintentional Islanding
STY071	19	'268858793_/_268858791'	10		10	10	3.96	10	10	3.47 No	3.47 Unintentional Islanding
STY071	20	'268858770_/_268858768'	10		10	10	3.96	10	10	3.47 No	3.47 Unintentional Islanding
STY071	21	'268858743_/_268858741'	10		10	10	3.96	10	10	3.47 No	3.47 Unintentional Islanding
STY071	22	'268858637_/_268858718'	10		10	10	3.96	10	10	3.47 No	3.47 Unintentional Islanding
STY071	23	'268858610_/_268858634'	10		10	10	3.96	10	10	3.47 No	3.47 Unintentional Islanding
STY071	24	'268858592_/_268858607'	10		10	10	3.96	10	10	3.47 No	3.47 Unintentional Islanding
STY071	25	'4503663_/_268858589'	10		10	10	3.96	10	10	3.47 No	3.47 Unintentional Islanding
STY071	26	'4503646_/_4503660'	10		10	10	3.96	10	10	3.47 No	3.47 Unintentional Islanding
STY071	27	'4503629_/_4503643'	10		10	10	3.96	10	10	3.47 No	3.47 Unintentional Islanding
STY071	28	'8042269_/_9610323_1'	10		10	10	3.96	1.6	10	3.47 No	1.6 Element Fault
STY071	29	'4503609_/_4503626'	10		10	10	3.96	10	10	3.47 No	3.47 Unintentional Islanding
STY071	30	'37921741_/_8042266'	10		10	10	3.96	1.6	10	3.47 No	1.6 Element Fault
STY071	31	'404470349_/_37921738'	10		10	10	3.96	1.6	10	3.47 No	1.6 Element Fault
STY071	32	'404470350_/_404470347'	10		10	10	3.96	1.6	10	3.47 No	1.6 Element Fault
STY071	33	'37921727_/_37921731'	10		10	10	3.96	1.6	10	3.47 No	1.6 Element Fault
STY071	34	'404470359_/_404470356'	10		10	10	3.96	1.6	10	3.47 No	1.6 Element Fault
STY071	35	'9610285_/_9610283'	10		10	10	3.96	1.6	10	3.47 No	1.6 Element Fault
STY071	36	'4503592_/_4503606'	10		10	10	3.96	10	10	3.47 No	3.47 Unintentional Islanding
STY071	37	'4503591_/_4503589'	10		10	10	3.96	10	10	3.47 No	3.47 Unintentional Islanding
STY071	38	'4514567_/_4514565'	10		10	10	3.96	10	10	3.47 No	3.47 Unintentional Islanding
STY071	39	'4514423_/_4514585'	10		10	10	3.96	10	10	3.47 No	3.47 Unintentional Islanding
STY071	40	'4505214_/_4514420'	10		10	10	3.96	10	10	3.47 No	3.47 Unintentional Islanding
STY071	41	'4505197_/_4505211'	10		10	10	3.96	10	10	3.47 No	3.47 Unintentional Islanding
STY071	42	'4505180_/_4505194'	10		10	10	3.96	10	10	3.47 No	3.47 Unintentional Islanding
STY071	43	'4505163_/_4505177'	10		10	10	3.96	10	10	3.47 No	3.47 Unintentional Islanding
STY071	44	'4505146_/_4505160'	10		10	10	3.96	10	10	3.47 No	3.47 Unintentional Islanding
STY071	45	'4505129_/_4505143'	10		10	10	3.96	10	10	3.47 No	3.47 Unintentional Islanding
STY071	46	'4505112_/_4505126'	10		10	10	3.96	10	10	3.47 No	3.47 Unintentional Islanding
STY071	47	'4505095_/_4505109'	10		10	10	3.96	10	10	3.47 No	3.47 Unintentional Islanding
STY071	48	'4505078_/_4505092'	10		10	10	3.96	10	10	3.47 No	3.47 Unintentional Islanding
STY071	49	'4505061_/_4505075'	10		10	10	3.96	10	10	3.47 No	3.47 Unintentional Islanding
STY071	50	'4505044_/_4505058'	10		10	10	3.96	10	10	3.47 No	3.47 Unintentional Islanding
STY071	51	'4505043_/_4505041'	10		10	10	3.96	10	10	3.47 No	3.47 Unintentional Islanding
STY071	52	'4506297_/_4506311'	10		10	10	3.96	10	10	3.47 No	3.47 Unintentional Islanding
STY071	53	'4506280_/_4506294'	10		10	10	3.96	10	10	3.47 No	3.47 Unintentional Islanding
STY071	54	'4506263_/_4506277'	10		10	10	3.96	10	10	3.47 No	3.47 Unintentional Islanding
STY071	55	'4505027_/_4506260'	10		10	10	3.96	10	10	3.47 No	3.47 Unintentional Islanding
STY071	56	'4505026_/_4505024'	10		10	10	3.96	10	10	3.47 No	3.47 Unintentional Islanding
STY071	57	'8118996_/_8118994'	10		10	10	3.96	10	10	3.47 No	3.47 Unintentional Islanding
STY071	58	'8431389_/_9694844'	10		10	10	3.96	10	10	3.47 No	3.47 Unintentional Islanding
STY071	59	'8431369_/_8431386'	10		10	10	3.96	10	10	3.47 No	3.47 Unintentional Islanding
STY071	60	'569333309_/_569333315'	10		10	10	3.96	10	10	3.47 No	3.47 Unintentional Islanding
STY071	61	'7800140_/_8431366'	10		10	10	3.96	10	10	3.47 No	3.47 Unintentional Islanding
STY071	62	'7800139_/_7800137'	10		10	10	3.96	10	10	3.47 No	3.47 Unintentional Islanding
STY071	63	'9380861_/_9382936'	10		10	10	3.96	10	10	3.47 No	3.47 Unintentional Islanding
STY071	64	'7326330_/_9380858_2'	10		10	10	3.96	10	10	3.47 No	3.47 Unintentional Islanding
STY071	65	'4515980_/_9380858_1'	10		10	10	3.96	10	10	3.47 No	3.47 Unintentional Islanding
STY071	66	'4516094_/_4516091'	10		10	10	3.96	10	10	3.47 No	3.47 Unintentional Islanding
STY071	67	'43523105_/_43523107'	10		10	10	3.96	10	10	3.47 No	3.47 Unintentional Islanding
STY071	68	'43530892_/_4516125'	10		10	10	3.96	10	10	3.47 No	3.47 Unintentional Islanding
STY071	69	'43523092_/_43523094'	10		10	10	3.96	10	10	3.47 No	3.47 Unintentional Islanding
STY071	70	'4515127_/_4516142'	10		10	10	3.96	10	10	3.47 No	3.47 Unintentional Islanding
STY071	71	'4515128_/_4515125'	10		10	10	3.96	10	10	3.47 No	3.47 Unintentional Islanding
STY071	72	'43523311_/_4515142'	10		10	10	3.96	10	10	3.47 No	3.47 Unintentional Islanding
STY071	73	'4515162_/_4515159'	10		10	10	3.96	10	10	3.47 No	3.47 Unintentional Islanding
STY071	74	'4515179_/_4515176'	10		10	10	3.96	10	10	3.47 No	3.47 Unintentional Islanding
STY071	75	'43523324_/_4515193'	10		10	10	3.96	10	10	3.47 No	3.47 Unintentional Islanding
STY071	76	'4515213_/_4515210'	10		10	10	3.96	10	10	3.47 No	3.47 Unintentional Islanding
STY071	77	'43530785_/_4515298'	10		10	10	3.96	10	10	3.47 No	3.47 Unintentional Islanding
STY071	78	'4515230_/_4515227'	10		10	10	3.96	10	10	3.47 No	3.47 Unintentional Islanding
STY071	79	'43523337_/_4515244'	10		10	10	3.96	10	10	3.47 No	3.47 Unintentional Islanding
STY071	80	'4515114_/_43523339'	10		10	10	3.96	10	10	3.47 No	3.47 Unintentional Islanding
STY071	81	'4505324_/_4515278'	10		10	10	3.96	10	10	3.47 No	3.47 Unintentional Islanding
STY071	82	'4505325_/_4505322'	10		10	10	3.96	10	10	3.47 No	3.47 Unintentional Islanding
STY071	83	'43523733_/_4505339'	10		10	10	3.96	10	10	3.47 No	3.47 Unintentional Islanding
STY071	84	'4505359_/_43523735'	10		10	10	3.96	10	10	3.47 No	3.47 Unintentional Islanding
STY071	85	'4505376_/_4505373'	10		10	10	3.96	10	10	3.47 No	3.47 Unintentional Islanding
STY071	86	'4505393_/_4505390'	10		10	10	3.96	10	10	3.47 No	3.47 Unintentional Islanding
STY071	87	'4505410_/_4505407'	10		10	10	3.96	10	10	3.47 No	3.47 Unintentional Islanding
STY071	88	'43523823_/_4505995'	10		10	10	3.96	10	10	3.47 No	3.47 Unintentional Islanding
STY071	89	'4506015_/_4506012'	10		10	10	3.96	10	10	3.47 No	3.47 Unintentional Islanding
STY071	90	'4516796_/_4516831'	10		10	10	3.96	10	10	3.47 No	3.47 Unintentional Islanding
STY071	91	'4516797_/_4516794'	10		10	10	3.96	10	10	3.47 No	3.47 Unintentional Islanding

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
STY071	92	'4553321_ /7083084'	10	10	10	3.96	10	10	3.47 No	3.47	Unintentional Islanding
STY071	93	'43523836_ /4516814'	10	10	10	3.96	10	10	3.47 No	3.47	Unintentional Islanding
STY071	94	'43533809_ /4553318'	10	10	10	3.96	10	10	3.47 No	3.47	Unintentional Islanding
STY071	95	'4505427_ /4505424'	10	10	10	3.96	10	10	3.47 No	3.47	Unintentional Islanding
STY071	96	'4553469_ /4553483'	10	10	10	3.96	10	10	3.47 No	3.47	Unintentional Islanding
STY071	97	'4505444_ /4505441'	10	10	10	3.96	10	10	3.47 No	3.47	Unintentional Islanding
STY071	98	'334041468_ /4553646_ 2'	3.33	3.33	3.33	1.32	1.1	3.33	1.16 No	1.1	Element Fault
STY071	99	'4553449_ /4553466'	10	10	10	3.96	10	10	3.47 No	3.47	Unintentional Islanding
STY071	100	'43531655_ /4514346'	10	10	10	3.96	10	10	3.47 No	3.47	Unintentional Islanding
STY071	101	'49157996_ /43531657_ 1'	10	10	10	3.96	10	10	3.47 No	3.47	Unintentional Islanding
STY071	102	'4553610_ /4553620_ 1'	3.33	3.33	3.33	1.32	0.3	3.33	1.16 No	0.3	Element Fault
STY071	103	'43531668_ /43531657_ 2'	10	10	10	3.96	10	10	3.47 No	3.47	Unintentional Islanding
STY071	104	'4553448_ /4553446'	10	10	10	3.96	10	10	3.47 No	3.47	Unintentional Islanding
STY071	105	'4506364_ /43531670'	10	10	10	3.96	10	10	3.47 No	3.47	Unintentional Islanding
STY071	106	'43533796_ /4553557'	10	10	10	3.96	10	10	3.47 No	3.47	Unintentional Islanding
STY071	107	'4514333_ /4514330'	3.33	3.33	3.33	1.32	0.5	3.33	1.16 No	0.5	Element Fault
STY071	108	'43530866_ /4506362'	10	10	10	3.96	10	10	3.47 No	3.47	Unintentional Islanding
STY071	109	'43533782_ /43533784'	10	10	10	3.96	10	10	3.47 No	3.47	Unintentional Islanding
STY071	110	'43524842_ /4514366'	10	10	10	3.96	6.6	10	3.47 No	3.47	Unintentional Islanding
STY071	111	'4553675_ /43533696_ 2'	3.33	3.33	3.33	1.32	1.1	3.33	1.16 No	1.1	Element Fault
STY071	112	'4506382_ /4506379'	10	10	10	3.96	10	10	3.47 No	3.47	Unintentional Islanding
STY071	113	'4548176_ /4553646_ 1'	3.33	3.33	3.33	1.32	0.1	3.33	1.16 No	0.1	Element Fault
STY071	114	'4553704_ /4553718'	10	10	10	3.96	10	10	3.47 No	3.47	Unintentional Islanding
STY071	115	'43531010_ /4506708'	10	10	10	3.96	10	10	3.47 No	3.47	Unintentional Islanding
STY071	116	'4506711_ /4512711_ 1'	10	10	10	3.96	10	10	3.47 No	3.47	Unintentional Islanding
STY071	117	'9398692_ /4553701_ 2'	10	10	10	3.96	10	10	3.47 No	3.47	Unintentional Islanding
STY071	118	'4553338_ /4553701_ 1'	10	10	10	3.96	10	10	3.47 No	3.47	Unintentional Islanding
STY071	119	'43524202_ /4512711_ 2'	10	10	10	3.96	10	10	3.47 No	3.47	Unintentional Islanding
STY071	120	'7511474_ /7511472_ 1'	3.33	3.33	3.33	1.32	0.3	3.33	1.16 No	0.3	Element Fault
STY071	121	'43533833_ /4553620_ 2'	3.33	3.33	3.33	1.32	0.3	3.33	1.16 No	0.3	Element Fault
STY071	122	'4553337_ /4553335'	10	10	10	3.96	10	10	3.47 No	3.47	Unintentional Islanding
STY071	123	'4488344_ /4508647'	10	10	10	3.96	10	10	3.47 No	3.47	Unintentional Islanding
STY071	124	'4508666_ /4508803'	10	10	10	3.96	10	10	3.47 No	3.47	Unintentional Islanding
STY071	125	'4553275_ /4553352'	10	10	10	3.96	10	10	3.47 No	3.47	Unintentional Islanding
STY071	126	'4508667_ /4508664'	10	10	10	3.96	10	10	3.47 No	3.47	Unintentional Islanding
STY071	127	'4488343_ /7082420_ 2'	3.33	3.33	3.33	1.32	1.1	3.33	1.16 No	1.1	Element Fault
STY071	128	'4508684_ /4508681'	10	10	10	3.96	10	10	3.47 No	3.47	Unintentional Islanding
STY071	129	'43533632_ /43533634'	10	10	10	3.96	10	10	3.47 No	3.47	Unintentional Islanding
STY071	130	'4508701_ /4508698'	10	10	10	3.96	10	10	3.47 No	3.47	Unintentional Islanding
STY071	131	'4553241_ /4553255'	10	10	10	3.96	10	10	3.47 No	3.47	Unintentional Islanding
STY071	132	'43524215_ /4508715'	10	10	10	3.96	10	10	3.47 No	3.47	Unintentional Islanding
STY071	133	'43533645_ /43533647'	10	10	10	3.96	10	10	3.47 No	3.47	Unintentional Islanding
STY071	134	'4544850_ /7083346'	3.33	3.33	3.33	1.32	0.5	3.33	1.16 No	0.5	Element Fault
STY071	135	'4548175_ /4548173'	3.33	3.33	3.33	1.32	0.1	3.33	1.16 No	0.1	Element Fault
STY071	136	'4508735_ /4508732'	10	10	10	3.96	10	10	3.47 No	3.47	Unintentional Islanding
STY071	137	'4508752_ /4508749'	10	10	10	3.96	10	10	3.47 No	3.47	Unintentional Islanding
STY071	138	'4551541_ /4553221'	10	10	10	3.96	10	10	3.47 No	3.47	Unintentional Islanding
STY071	139	'4508769_ /4508766'	10	10	10	3.96	10	10	3.47 No	3.47	Unintentional Islanding
STY071	140	'4508786_ /4508783'	10	10	10	3.96	10	10	3.47 No	3.47	Unintentional Islanding
STY071	141	'4553738_ /4553750_ 1'	6.67	6.67	6.67	2.64	0.6	6.67	2.32 No	0.6	Element Fault
STY071	142	'4544642_ /4545267'	3.33	3.33	3.33	1.32	0.3	3.33	1.16 No	0.3	Element Fault
STY071	143	'4551524_ /4551538'	10	10	10	3.96	10	10	3.47 No	3.47	Unintentional Islanding
STY071	144	'43524437_ /4508820'	10	10	10	3.96	10	10	3.47 No	3.47	Unintentional Islanding
STY071	145	'43533694_ /43533696_ 1'	3.33	3.33	3.33	1.32	0.3	3.33	1.16 No	0.3	Element Fault
STY071	146	'34631491_ /7511472_ 2'	3.33	3.33	3.33	1.32	0.3	3.33	1.16 No	0.3	Element Fault
STY071	147	'4545009_ /7082420_ 1'	3.33	3.33	3.33	1.32	0.5	3.33	1.16 No	0.5	Element Fault
STY071	148	'4508840_ /4508837'	10	10	10	3.96	10	10	3.47 No	3.47	Unintentional Islanding
STY071	149	'43533658_ /43533660'	10	10	10	3.96	10	10	3.47 No	3.47	Unintentional Islanding
STY071	150	'4513851_ /4513848'	10	10	10	3.96	10	10	3.47 No	3.47	Unintentional Islanding
STY071	151	'4513868_ /4513882_ 1'	10	10	10	3.96	2.5	10	3.47 No	2.5	Element Fault
STY071	152	'4551487_ /4551501'	10	10	10	3.96	10	10	3.47 No	3.47	Unintentional Islanding
STY071	153	'4508859_ /4513882_ 2'	10	10	10	3.96	2.5	10	3.47 No	2.5	Element Fault
STY071	154	'8444184_ /8444182_ 1'	10	10	10	3.96	1	10	3.47 No	1	Element Fault
STY071	155	'4555523_ /7083252'	10	10	10	3.96	10	10	3.47 No	3.47	Unintentional Islanding
STY071	156	'4553292_ /4553289'	3.33	3.33	3.33	1.32	0.3	3.33	1.16 No	0.3	Element Fault
STY071	157	'4551486_ /4551484'	10	10	10	3.96	10	10	3.47 No	3.47	Unintentional Islanding
STY071	158	'4508860_ /4508857'	10	10	10	3.96	2.5	10	3.47 No	2.5	Element Fault
STY071	159	'8444185_ /8444182_ 2'	10	10	10	3.96	1	10	3.47 No	1	Element Fault
STY071	160	'4555524_ /4555521'	10	10	10	3.96	10	10	3.47 No	3.47	Unintentional Islanding
STY071	161	'7326091_ /7326089_ 1'	10	10	10	3.96	1.4	10	3.47 No	1.4	Element Fault
STY071	162	'9075765_ /9075763_ 1'	10	10	10	3.96	3.2	10	3.47 No	3.2	Element Fault
STY071	163	'4553411_ /4553409'	10	10	10	3.96	10	10	3.47 No	3.47	Unintentional Islanding
STY071	164	'4541350_ /4541429'	3.33	3.33	3.33	1.32	0.83	3.33	1.16 No	0.83	Element Fault
STY071	165	'4555564_ /4555561'	10	10	10	3.96	10	10	3.47 No	3.47	Unintentional Islanding
STY071	166	'7327761_ /7961237_ 1'	10	10	10	3.96	1.5	10	3.47 No	1.5	Element Fault
STY071	167	'8440507_ /9075763_ 2'	10	10	10	3.96	3.2	10	3.47 No	3.2	Element Fault
STY071	168	'4544643_ /4544640'	3.33	3.33	3.33	1.32	0.3	3.33	1.16 No	0.3	Element Fault
STY071	169	'43535520_ /4558590'	10	10	10	3.96	10	10	3.47 No	3.47	Unintentional Islanding
STY071	170	'4553392_ /4553426'	10	10	10	3.96	10	10	3.47 No	3.47	Unintentional Islanding
STY071	171	'4541337_ /4541347'	3.33	3.33	3.33	1.32	0.5	3.33	1.16 No	0.5	Element Fault
STY071	172	'8444205_ /8444202'	10	10	10	3.96	1	10	3.47 No	1	Element Fault
STY071	173	'7961240_ /7961237_ 2'	10	10	10	3.96	1.5	10	3.47 No	1.5	Element Fault
STY071	174	'4544837_ /4544847'	3.33	3.33	3.33	1.32	0.5	3.33	1.16 No	0.5	Element Fault
STY071	175	'4544265_ /4553750_ 2'	6.67	6.67	6.67	2.64	0.6	6.67	2.32 No	0.6	Element Fault
STY071	176	'4553520_ /4553517'	10	10	10	3.96	10	10	3.47 No	3.47	Unintentional Islanding
STY071	177	'4553304_ /4553302'	3.33	3.33	3.33	1.32	0.3	3.33	1.16 No	0.3	Element Fault
STY071	178	'4549708_ /43535522'	10	10	10	3.96	10	10	3.47 No	3.47	Unintentional Islanding
STY071	179	'38871850_ /44092603'	10	10	10	3.96	3.2	10	3.47 No	3.2	Element Fault
STY071	180	'4541363_ /4541360'	10	10	10	3.96	2.5	10	3.47 No	2.5	Element Fault
STY071	181	'4549709_ /4549706'	10	10	10	3.96	10	10	3.47 No	3.47	Unintentional Islanding
STY071	182	'4558180_ /4558177'	10	10	10	3.96	10	10	3.47 No	3.47	Unintentional Islanding
STY071	183	'7326111_ /7326109_ 1'	6.67	6.67	6.67	2.64	1	6.67	2.32 No	1	Element Fault
STY071	184	'8905784_ /9367294_ 1'	3.33	3.33	3.33	1.32	0.5	3.33	1.16 No	0.5	Element Fault
STY071	185	'7961844_ /7961841'	10	10	10	3.96	1.5	10	3.47 No	1.5	Element Fault

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
STY071	186	'7511475_/_44083035'	3.33	3.33	3.33	3.33	1.32	0.3	3.33	1.16 No	0.3 Element Fault
STY071	187	'43533946_/_4549723'	10	10	10	10	3.96	10	10	3.47 No	3.47 Unintentional Islanding
STY071	188	'4558214_/_4558240_1'	3.33	3.33	3.33	3.33	1.32	0.4	3.33	1.16 No	0.4 Element Fault
STY071	189	'4553502_/_4558194'	10	10	10	10	3.96	10	10	3.47 No	3.47 Unintentional Islanding
STY071	190	'7741811_/_8440504'	10	10	10	10	3.96	3.2	10	3.47 No	3.2 Element Fault
STY071	191	'4545087_/_43533948'	10	10	10	10	3.96	10	10	3.47 No	3.47 Unintentional Islanding
STY071	192	'8277427_/_8277424'	10	10	10	10	3.96	1.5	10	3.47 No	1.5 Element Fault
STY071	193	'4553503_/_4553500'	10	10	10	10	3.96	10	10	3.47 No	3.47 Unintentional Islanding
STY071	194	'4549746_/_4549743'	10	10	10	10	3.96	10	10	3.47 No	3.47 Unintentional Islanding
STY071	195	'4553674_/_4553672'	3.33	3.33	3.33	3.33	1.32	0.3	3.33	1.16 No	0.3 Element Fault
STY071	196	'43532047_/_4541334'	3.33	3.33	3.33	3.33	1.32	0.5	3.33	1.16 No	0.5 Element Fault
STY071	197	'4544724_/_4545006'	3.33	3.33	3.33	3.33	1.32	0.5	3.33	1.16 No	0.5 Element Fault
STY071	198	'8276925_/_8276922_1'	10	10	10	10	3.96	0.9	10	3.47 No	0.9 Element Fault
STY071	199	'4545086_/_43533762_2'	3.33	3.33	3.33	3.33	1.32	1.5	3.33	1.16 No	1.16 Unintentional Islanding
STY071	200	'43533900_/_4544653'	3.33	3.33	3.33	3.33	1.32	0.3	3.33	1.16 No	0.3 Element Fault
STY071	201	'43536263_/_4558607'	10	10	10	10	3.96	5	10	3.47 No	3.47 Unintentional Islanding
STY071	202	'4544538_/_4549797'	10	10	10	10	3.96	10	10	3.47 No	3.47 Unintentional Islanding
STY071	203	'4558610_/_8906883_1'	10	10	10	10	3.96	3.6	10	3.47 No	3.47 Unintentional Islanding
STY071	204	'4562683_/_4562695'	10	10	10	10	3.96	10	10	3.47 No	3.47 Unintentional Islanding
STY071	205	'44757965_/_4553594'	3.33	3.33	3.33	3.33	1.32	0.3	3.33	1.16 No	0.3 Element Fault
STY071	206	'4544280_/_4544263'	6.67	6.67	6.67	6.67	2.64	0.6	6.67	2.32 No	0.6 Element Fault
STY071	207	'639164275_/_4550481'	10	10	10	10	3.96	10	10	3.47 No	3.47 Unintentional Islanding
STY071	208	'73781821_/_9535958_1'	10	10	10	10	3.96	0.9	10	3.47 No	0.9 Element Fault
STY071	209	'51730151_/_4562664'	10	10	10	10	3.96	10	10	3.47 No	3.47 Unintentional Islanding
STY071	210	'4550484_/_639164279'	10	10	10	10	3.96	10	10	3.47 No	3.47 Unintentional Islanding
STY071	211	'4489244_/_4541377'	10	10	10	10	3.96	2.5	10	3.47 No	2.5 Element Fault
STY071	212	'7496880_/_7741809'	10	10	10	10	3.96	3.2	10	3.47 No	3.2 Element Fault
STY071	213	'639164371_/_639164307_1'	10	10	10	10	3.96	1.4	10	3.47 No	1.4 Element Fault
STY071	214	'8423506_/_8906883_2'	10	10	10	10	3.96	3.6	10	3.47 No	3.47 Unintentional Islanding
STY071	215	'45053214_/_4558240_2'	3.33	3.33	3.33	3.33	1.32	0.4	3.33	1.16 No	0.4 Element Fault
STY071	216	'43535069_/_4550814'	10	10	10	10	3.96	10	10	3.47 No	3.47 Unintentional Islanding
STY071	217	'4544526_/_4544536'	3.33	3.33	3.33	3.33	1.32	0.9	3.33	1.16 No	0.9 Element Fault
STY071	218	'4544824_/_4544834'	3.33	3.33	3.33	3.33	1.32	0.5	3.33	1.16 No	0.5 Element Fault
STY071	219	'4562632_/_4562647'	10	10	10	10	3.96	10	10	3.47 No	3.47 Unintentional Islanding
STY071	220	'4491173_/_4541397_1'	3.33	3.33	3.33	3.33	1.32	0.5	3.33	1.16 No	0.5 Element Fault
STY071	221	'4548371_/_4553372'	10	10	10	10	3.96	4.5	10	3.47 No	3.47 Unintentional Islanding
STY071	222	'55657699_/_53160026'	10	10	10	10	3.96	4.5	10	3.47 No	3.47 Unintentional Islanding
STY071	223	'43534940_/_43535071'	10	10	10	10	3.96	10	10	3.47 No	3.47 Unintentional Islanding
STY071	224	'379623304_/_4548368_2'	3.33	3.33	3.33	3.33	1.32	1.5	3.33	1.16 No	1.16 Unintentional Islanding
STY071	225	'639164310_/_639164307_2'	10	10	10	10	3.96	1.4	10	3.47 No	1.4 Element Fault
STY071	226	'4562581_/_4562630'	10	10	10	10	3.96	10	10	3.47 No	3.47 Unintentional Islanding
STY071	227	'43533760_/_43533762_1'	3.33	3.33	3.33	3.33	1.32	0.4	3.33	1.16 No	0.4 Element Fault
STY071	228	'639164424_/_639164386_1'	10	10	10	10	3.96	0.9	10	3.47 No	0.9 Element Fault
STY071	229	'4544525_/_4544523'	3.33	3.33	3.33	3.33	1.32	0.5	3.33	1.16 No	0.5 Element Fault
STY071	230	'4548564_/_43534942'	10	10	10	10	3.96	10	10	3.47 No	3.47 Unintentional Islanding
STY071	231	'4544656_/_43533902'	3.33	3.33	3.33	3.33	1.32	0.3	3.33	1.16 No	0.3 Element Fault
STY071	232	'4544711_/_4544721'	3.33	3.33	3.33	3.33	1.32	0.5	3.33	1.16 No	0.5 Element Fault
STY071	233	'4562599_/_4562596'	10	10	10	10	3.96	10	10	3.47 No	3.47 Unintentional Islanding
STY071	234	'7326092_/_7326089_2'	10	10	10	10	3.96	1.4	10	3.47 No	1.4 Element Fault
STY071	235	'8276741_/_8276738'	3.33	3.33	3.33	3.33	1.32	0.5	3.33	1.16 No	0.5 Element Fault
STY071	236	'4548550_/_4550444'	10	10	10	10	3.96	10	10	3.47 No	3.47 Unintentional Islanding
STY071	237	'4544281_/_4544278'	6.67	6.67	6.67	6.67	2.64	0.6	6.67	2.32 No	0.6 Element Fault
STY071	238	'4541323_/_4541321'	3.33	3.33	3.33	3.33	1.32	0.5	3.33	1.16 No	0.5 Element Fault
STY071	239	'639164333_/_639164386_2'	10	10	10	10	3.96	0.9	10	3.47 No	0.9 Element Fault
STY071	240	'4544980_/_4544990'	3.33	3.33	3.33	3.33	1.32	0.5	3.33	1.16 No	0.5 Element Fault
STY071	241	'4562547_/_4562562'	10	10	10	10	3.96	10	10	3.47 No	3.47 Unintentional Islanding
STY071	242	'4548551_/_4553816_1'	3.33	3.33	3.33	3.33	1.32	0.4	3.33	1.16 No	0.4 Element Fault
STY071	243	'43534953_/_4550464'	10	10	10	10	3.96	10	10	3.47 No	3.47 Unintentional Islanding
STY071	244	'397803767_/_397803739_1'	10	10	10	10	3.96	0.9	10	3.47 No	0.9 Element Fault
STY071	245	'4550467_/_43534955'	10	10	10	10	3.96	10	10	3.47 No	3.47 Unintentional Islanding
STY071	246	'499639643_/_499639647'	10	10	10	10	3.96	4.8	10	3.47 No	3.47 Unintentional Islanding
STY071	247	'7796649_/_7796647_1'	10	10	10	10	3.96	10	10	3.47 No	3.47 Unintentional Islanding
STY071	248	'7326112_/_7326109_2'	6.67	6.67	6.67	6.67	2.64	1	6.67	2.32 No	1 Element Fault
STY071	249	'4544740_/_4544737'	3.33	3.33	3.33	3.33	1.32	0.5	3.33	1.16 No	0.5 Element Fault
STY071	250	'7496881_/_7496878'	10	10	10	10	3.96	3.2	10	3.47 No	3.2 Element Fault
STY071	251	'4562548_/_4562545'	10	10	10	10	3.96	10	10	3.47 No	3.47 Unintentional Islanding
STY071	252	'499639727_/_499639695_1'	10	10	10	10	3.96	1.4	10	3.47 No	1.4 Element Fault
STY071	253	'417170065_/_417170040_1'	3.33	3.33	3.33	3.33	1.32	0.8	3.33	1.16 No	0.8 Element Fault
STY071	254	'4544299_/_4544296'	6.67	6.67	6.67	6.67	2.64	0.6	6.67	2.32 No	0.6 Element Fault
STY071	255	'43533671_/_4544329'	3.33	3.33	3.33	3.33	1.32	0.3	3.33	1.16 No	0.3 Element Fault
STY071	256	'4489245_/_4489242'	10	10	10	10	3.96	2.5	10	3.47 No	2.5 Element Fault
STY071	257	'43533981_/_43533983'	10	10	10	10	3.96	4.8	10	3.47 No	3.47 Unintentional Islanding
STY071	258	'43524450_/_4541397_2'	3.33	3.33	3.33	3.33	1.32	0.5	3.33	1.16 No	0.5 Element Fault
STY071	259	'39418488_/_7796647_2'	10	10	10	10	3.96	10	10	3.47 No	3.47 Unintentional Islanding
STY071	260	'404692357_/_65105515'	10	10	10	10	3.96	10	10	3.47 No	3.47 Unintentional Islanding
STY071	261	'38724867_/_65105554'	10	10	10	10	3.96	4.6	10	3.47 No	3.47 Unintentional Islanding
STY071	262	'38724879_/_65105582'	10	10	10	10	3.96	5	10	3.47 No	3.47 Unintentional Islanding
STY071	263	'39418500_/_65105543'	10	10	10	10	3.96	10	10	3.47 No	3.47 Unintentional Islanding
STY071	264	'4563026_/_4563023'	10	10	10	10	3.96	10	10	3.47 No	3.47 Unintentional Islanding
STY071	265	'4545227_/_4545225'	3.33	3.33	3.33	3.33	1.32	0.4	3.33	1.16 No	0.4 Element Fault
STY071	266	'9535032_/_9535030'	3.33	3.33	3.33	3.33	1.32	0.5	3.33	1.16 No	0.5 Element Fault
STY071	267	'4563287_/_43536534'	10	10	10	10	3.96	10	10	3.47 No	3.47 Unintentional Islanding
STY071	268	'8585313_/_8585310'	6.67	6.67	6.67	6.67	2.64	1	6.67	2.32 No	1 Element Fault
STY071	269	'347325034_/_96585145_1'	10	10	10	10	3.96	1.7	10	3.47 No	1.7 Element Fault
STY071	270	'8276924_/_8276922_2'	10	10	10	10	3.96	0.9	10	3.47 No	0.9 Element Fault
STY071	271	'499639679_/_499639695_2'	10	10	10	10	3.96	1.4	10	3.47 No	1.4 Element Fault
STY071	272	'4563267_/_4563302'	10	10	10	10	3.96	10	10	3.47 No	3.47 Unintentional Islanding
STY071	273	'4544253_/_4548368_1'	3.33	3.33	3.33	3.33	1.32	0.1	3.33	1.16 No	0.1 Element Fault
STY071	274	'8907308_/_347324961_2'	10	10	10	10	3.96	5.5	10	3.47 No	3.47 Unintentional Islanding
STY071	275	'4544698_/_4544708'	3.33	3.33	3.33	3.33	1.32	0.5	3.33	1.16 No	0.5 Element Fault
STY071	276	'4505843_/_4541445'	3.33	3.33	3.33	3.33	1.32	0.5	3.33	1.16 No	0.5 Element Fault
STY071	277	'4544671_/_4544821'	3.33	3.33	3.33	3.33	1.32	0.5	3.33	1.16 No	0.5 Element Fault
STY071	278	'4548473_/_4548561'	10	10	10	10	3.96	4.8	10	3.47 No	3.47 Unintentional Islanding
STY071	279	'4563042_/_4563265'	10	10	10	10	3.96	10	10	3.47 No	3.47 Unintentional Islanding

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
STY071	280	'72045787_/66830217_1'		10	10	10	3.96	1.5	10	3.47 No	1.5 Element Fault
STY071	281	'397803720_/397803739_2'		10	10	10	3.96	0.9	10	3.47 No	0.9 Element Fault
STY071	282	'66830211_/66830217_2'		10	10	10	3.96	1.5	10	3.47 No	1.5 Element Fault
STY071	283	'4563043_/4563040'		10	10	10	3.96	10	10	3.47 No	3.47 Unintentional Islanding
STY071	284	'7818300_/8138267_1'	3.33		3.33	3.33	1.32	0.5	3.33	1.16 No	0.5 Element Fault
STY071	285	'4489278_/43524452'	3.33		3.33	3.33	1.32	0.5	3.33	1.16 No	0.5 Element Fault
STY071	286	'4489262_/4489259'	10		10	10	3.96	2.5	10	3.47 No	2.5 Element Fault
STY071	287	'4553819_/4553816_2'	3.33		3.33	3.33	1.32	0.4	3.33	1.16 No	0.4 Element Fault
STY071	288	'347324957_/347324961_1'	10		10	10	3.96	1.8	10	3.47 No	1.8 Element Fault
STY071	289	'75926984_/4563060'	10		10	10	3.96	10	10	3.47 No	3.47 Unintentional Islanding
STY071	290	'4550955_/4550965'	3.33		3.33	3.33	1.32	0.5	3.33	1.16 No	0.5 Element Fault
STY071	291	'347324911_/347324915'	10		10	10	3.96	1.8	10	3.47 No	1.8 Element Fault
STY071	292	'43533683_/43533673'	3.33		3.33	3.33	1.32	0.3	3.33	1.16 No	0.3 Element Fault
STY071	293	'96585140_/96585145_2'	10		10	10	3.96	1.7	10	3.47 No	1.7 Element Fault
STY071	294	'4544863_/4544977'	3.33		3.33	3.33	1.32	0.5	3.33	1.16 No	0.5 Element Fault
STY071	295	'4544697_/4544695'	3.33		3.33	3.33	1.32	0.5	3.33	1.16 No	0.5 Element Fault
STY071	296	'4544332_/43533685'	3.33		3.33	3.33	1.32	0.3	3.33	1.16 No	0.3 Element Fault
STY071	297	'96585224_/96585257'	10		10	10	3.96	1.7	10	3.47 No	1.7 Element Fault
STY071	298	'8879994_/9367294_2'	3.33		3.33	3.33	1.32	0.5	3.33	1.16 No	0.5 Element Fault
STY071	299	'4489292_/4489289'	10		10	10	3.96	2.5	10	3.47 No	2.5 Element Fault
STY071	300	'417169998_/417170040_2'	3.33		3.33	3.33	1.32	0.8	3.33	1.16 No	0.8 Element Fault
STY071	301	'8907219_/8907305'	10		10	10	3.96	1.8	10	3.47 No	1.8 Element Fault
STY071	302	'417170096_/417170127'	3.33		3.33	3.33	1.32	1.4	3.33	1.16 No	1.16 Unintentional Islanding
STY071	303	'4545298_/4548471'	10		10	10	3.96	3.5	10	3.47 No	3.47 Unintentional Islanding
STY071	304	'43533959_/4545241'	3.33		3.33	3.33	1.32	0.5	3.33	1.16 No	0.5 Element Fault
STY071	305	'43533911_/4544750'	3.33		3.33	3.33	1.32	0.5	3.33	1.16 No	0.5 Element Fault
STY071	306	'4544065_/4544250'	3.33		3.33	3.33	1.32	0.1	3.33	1.16 No	0.1 Element Fault
STY071	307	'43530798_/43530800'	3.33		3.33	3.33	1.32	0.5	3.33	1.16 No	0.5 Element Fault
STY071	308	'4544807_/4544805'	3.33		3.33	3.33	1.32	0.5	3.33	1.16 No	0.5 Element Fault
STY071	309	'68821533_/68821538'	10		10	10	3.96	1.5	10	3.47 No	1.5 Element Fault
STY071	310	'43533855_/4544669'	3.33		3.33	3.33	1.32	0.5	3.33	1.16 No	0.5 Element Fault
STY071	311	'7818315_/8138267_2'	3.33		3.33	3.33	1.32	0.5	3.33	1.16 No	0.5 Element Fault
STY071	312	'39418094_/126174899'	3.33		3.33	3.33	1.32	1.4	3.33	1.16 No	1.16 Unintentional Islanding
STY071	313	'7485990_/7796667'	6.67		6.67	6.67	2.64	2.8	6.67	2.32 No	2.32 Unintentional Islanding
STY071	314	'96585179_/96585275'	10		10	10	3.96	1.7	10	3.47 No	1.7 Element Fault
STY071	315	'39433309_/8746268'	10		10	10	3.96	10	10	3.47 No	3.47 Unintentional Islanding
STY071	316	'404675490_/71666957'	10		10	10	3.96	10	10	3.47 No	3.47 Unintentional Islanding
STY071	317	'38725574_/71666996'	10		10	10	3.96	4.6	10	3.47 No	3.47 Unintentional Islanding
STY071	318	'38725590_/71667011'	10		10	10	3.96	4.6	10	3.47 No	3.47 Unintentional Islanding
STY071	319	'39433336_/71666972'	10		10	10	3.96	10	10	3.47 No	3.47 Unintentional Islanding
STY071	320	'4544862_/4544860'	3.33		3.33	3.33	1.32	0.5	3.33	1.16 No	0.5 Element Fault
STY071	321	'4548218_/4548215'	3.33		3.33	3.33	1.32	0.5	3.33	1.16 No	0.5 Element Fault
STY071	322	'8423507_/8423504'	10		10	10	3.96	3.6	10	3.47 No	3.47 Unintentional Islanding
STY071	323	'8907220_/8907217'	10		10	10	3.96	1.8	10	3.47 No	1.8 Element Fault
STY071	324	'4489279_/4489276'	3.33		3.33	3.33	1.32	0.5	3.33	1.16 No	0.5 Element Fault
STY071	325	'43533844_/43533846'	3.33		3.33	3.33	1.32	0.5	3.33	1.16 No	0.5 Element Fault
STY071	326	'38033472_/7807919'	10		10	10	3.96	5	10	3.47 No	3.47 Unintentional Islanding
STY071	327	'38033436_/38033469'	10		10	10	3.96	5	10	3.47 No	3.47 Unintentional Islanding
STY071	328	'38033450_/38033455'	10		10	10	3.96	5	10	3.47 No	3.47 Unintentional Islanding
STY071	329	'38033437_/38033434'	10		10	10	3.96	5	10	3.47 No	3.47 Unintentional Islanding
STY071	330	'393155902_/38033462'	3.33		3.33	3.33	1.32	0.7	3.33	1.16 No	0.7 Element Fault
STY071	331	'43524461_/4489306'	10		10	10	3.96	2.5	10	3.47 No	2.5 Element Fault
STY071	332	'8586562_/417169984'	3.33		3.33	3.33	1.32	0.8	3.33	1.16 No	0.8 Element Fault
STY071	333	'7796633_/7796631_1'	3.33		3.33	3.33	1.32	1.4	3.33	1.16 No	1.16 Unintentional Islanding
STY071	334	'34631761_/7818313'	3.33		3.33	3.33	1.32	0.5	3.33	1.16 No	0.5 Element Fault
STY071	335	'7486077_/7486074'	10		10	10	3.96	4.6	10	3.47 No	3.47 Unintentional Islanding
STY071	336	'9528037_/9528034'	10		10	10	3.96	1.8	10	3.47 No	1.8 Element Fault
STY071	337	'43533994_/4545296'	10		10	10	3.96	3.5	10	3.47 No	3.47 Unintentional Islanding
STY071	338	'7643318_/96654067'	10		10	10	3.96	1.7	10	3.47 No	1.7 Element Fault
STY071	339	'9690733_/7796631_2'	3.33		3.33	3.33	1.32	1.4	3.33	1.16 No	1.16 Unintentional Islanding
STY071	340	'7796440_/7796437'	10		10	10	3.96	4.6	10	3.47 No	3.47 Unintentional Islanding
STY071	341	'7643319_/7643316'	6.67		6.67	6.67	2.64	1.13	6.67	2.32 No	1.13 Element Fault
STY071	342	'7818316_/44083108'	3.33		3.33	3.33	1.32	0.5	3.33	1.16 No	0.5 Element Fault
STY071	343	'66830309_/66830320'	10		10	10	3.96	1.5	10	3.47 No	1.5 Element Fault
STY071	344	'7139698_/7139708_2'	3.33		3.33	3.33	1.32	1.1	3.33	1.16 No	1.1 Element Fault
STY071	345	'7485954_/7485988_1'	3.33		3.33	3.33	1.32	1.4	3.33	1.16 No	1.16 Unintentional Islanding
STY071	346	'7962326_/70127966'	10		10	10	3.96	1.8	10	3.47 No	1.8 Element Fault
STY071	347	'7326943_/7326941'	6.67		6.67	6.67	2.64	2.8	6.67	2.32 No	2.32 Unintentional Islanding
STY071	348	'4488331_/4505827'	3.33		3.33	3.33	1.32	0.5	3.33	1.16 No	0.5 Element Fault
STY071	349	'415558304_/7485988_2'	3.33		3.33	3.33	1.32	0.4	3.33	1.16 No	0.4 Element Fault
STY071	350	'4548189_/43533857'	3.33		3.33	3.33	1.32	0.5	3.33	1.16 No	0.5 Element Fault
STY071	351	'7327247_/417169366'	3.33		3.33	3.33	1.32	0.8	3.33	1.16 No	0.8 Element Fault
STY071	352	'43533866_/4544873'	3.33		3.33	3.33	1.32	0.5	3.33	1.16 No	0.5 Element Fault
STY071	353	'7486024_/8128501'	10		10	10	3.96	5	10	3.47 No	3.47 Unintentional Islanding
STY071	354	'7327248_/417169377'	3.33		3.33	3.33	1.32	0.8	3.33	1.16 No	0.8 Element Fault
STY071	355	'4539627_/4539624'	3.33		3.33	3.33	1.32	0.5	3.33	1.16 No	0.5 Element Fault
STY071	356	'8118057_/8118054'	6.67		6.67	6.67	2.64	3.33	6.67	2.32 No	2.32 Unintentional Islanding
STY071	357	'4544617_/4544627'	3.33		3.33	3.33	1.32	0.5	3.33	1.16 No	0.5 Element Fault
STY071	358	'43524474_/43524463'	10		10	10	3.96	2.5	10	3.47 No	2.5 Element Fault
STY071	359	'4545316_/43533996'	10		10	10	3.96	3.5	10	3.47 No	3.47 Unintentional Islanding
STY071	360	'9690603_/9690620'	10		10	10	3.96	4.6	10	3.47 No	3.47 Unintentional Islanding
STY071	361	'8276725_/417169388'	3.33		3.33	3.33	1.32	0.8	3.33	1.16 No	0.8 Element Fault
STY071	362	'7486097_/7486094'	6.67		6.67	6.67	2.64	3.07	6.67	2.32 No	2.32 Unintentional Islanding
STY071	363	'7326944_/9690600'	10		10	10	3.96	4.6	10	3.47 No	3.47 Unintentional Islanding
STY071	364	'37798457_/353029654'	10		10	10	3.96	3.2	10	3.47 No	3.2 Element Fault
STY071	365	'37798422_/37798461'	10		10	10	3.96	3.2	10	3.47 No	3.2 Element Fault
STY071	366	'37798415_/37798419'	10		10	10	3.96	3.2	10	3.47 No	3.2 Element Fault
STY071	367	'37798443_/37798447'	10		10	10	3.96	3.2	10	3.47 No	3.2 Element Fault
STY071	368	'37798429_/37798433'	10		10	10	3.96	3.2	10	3.47 No	3.2 Element Fault
STY071	369	'4544049_/4544062'	3.33		3.33	3.33	1.32	0.1	3.33	1.16 No	0.1 Element Fault
STY071	370	'4545333_/4545330'	10		10	10	3.96	3.5	10	3.47 No	3.47 Unintentional Islanding
STY071	371	'7960210_/8902578'	10		10	10	3.96	3.2	10	3.47 No	3.2 Element Fault
STY071	372	'4545035_/4545032'	3.33		3.33	3.33	1.32	0.5	3.33	1.16 No	0.5 Element Fault
STY071	373	'37799240_/417170093'	3.33		3.33	3.33	1.32	1.4	3.33	1.16 No	1.16 Unintentional Islanding

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
STY071	374	'37799241_/37799238'	3.33	3.33	3.33	1.32	1.4	3.33	1.16 No	1.16	Unintentional Islanding
STY071	375	'40679410_/9710272'	3.33	3.33	3.33	1.32	0.7	3.33	1.16 No	0.7	Element Fault
STY071	376	'37799248_/37799252'	3.33	3.33	3.33	1.32	1.4	3.33	1.16 No	1.16	Unintentional Islanding
STY071	377	'37799276_/37799280'	3.33	3.33	3.33	1.32	1.4	3.33	1.16 No	1.16	Unintentional Islanding
STY071	378	'37799262_/37799266'	3.33	3.33	3.33	1.32	1.4	3.33	1.16 No	1.16	Unintentional Islanding
STY071	379	'43524487_/43524476'	10	10	10	3.96	2.5	10	3.47 No	2.5	Element Fault
STY071	380	'4544403_/4545199'	3.33	3.33	3.33	1.32	0.5	3.33	1.16 No	0.5	Element Fault
STY071	381	'4488318_/4488328'	3.33	3.33	3.33	1.32	0.5	3.33	1.16 No	0.5	Element Fault
STY071	382	'7326401_/7326399'	10	10	10	3.96	3.2	10	3.47 No	3.2	Element Fault
STY071	383	'4545353_/4545350'	10	10	10	3.96	3.5	10	3.47 No	3.47	Unintentional Islanding
STY071	384	'4544766_/43533913'	3.33	3.33	3.33	1.32	0.5	3.33	1.16 No	0.5	Element Fault
STY071	385	'114198732_/114198708_2'	10	10	10	3.96	3.2	10	3.47 No	3.2	Element Fault
STY071	386	'4544604_/4544614'	3.33	3.33	3.33	1.32	0.5	3.33	1.16 No	0.5	Element Fault
STY071	387	'402378487_/114198708_1'	10	10	10	3.96	3.2	10	3.47 No	3.2	Element Fault
STY071	388	'7486149_/9379608'	10	10	10	3.96	5	10	3.47 No	3.47	Unintentional Islanding
STY071	389	'7326075_/8879992'	3.33	3.33	3.33	1.32	0.5	3.33	1.16 No	0.5	Element Fault
STY071	390	'4544684_/4548199'	3.33	3.33	3.33	1.32	0.5	3.33	1.16 No	0.5	Element Fault
STY071	391	'4544889_/4544886'	3.33	3.33	3.33	1.32	0.5	3.33	1.16 No	0.5	Element Fault
STY071	392	'7642630_/121923331'	6.67	6.67	6.67	2.64	1	6.67	2.32 No	1	Element Fault
STY071	393	'404691201_/470797905'	10	10	10	3.96	4.6	10	3.47 No	3.47	Unintentional Islanding
STY071	394	'470797928_/470797925'	10	10	10	3.96	4.6	10	3.47 No	3.47	Unintentional Islanding
STY071	395	'39433114_/470797911'	10	10	10	3.96	4.6	10	3.47 No	3.47	Unintentional Islanding
STY071	396	'39433205_/8746288'	10	10	10	3.96	10	10	3.47 No	3.47	Unintentional Islanding
STY071	397	'404691522_/71667156'	10	10	10	3.96	10	10	3.47 No	3.47	Unintentional Islanding
STY071	398	'404691539_/71667180'	10	10	10	3.96	10	10	3.47 No	3.47	Unintentional Islanding
STY071	399	'38910499_/71667193'	10	10	10	3.96	4.8	10	3.47 No	3.47	Unintentional Islanding
STY071	400	'39433193_/71667169'	10	10	10	3.96	10	10	3.47 No	3.47	Unintentional Islanding
STY071	401	'472611745_/8746324'	10	10	10	3.96	4.6	10	3.47 No	3.47	Unintentional Islanding
STY071	402	'4545457_/7139708_1'	3.33	3.33	3.33	1.32	0.5	3.33	1.16 No	0.5	Element Fault
STY071	403	'43524500_/43524489'	10	10	10	3.96	2.5	10	3.47 No	2.5	Element Fault
STY071	404	'8275899_/8275896'	10	10	10	3.96	3.2	10	3.47 No	3.2	Element Fault
STY071	405	'66830259_/66830338'	10	10	10	3.96	1.5	10	3.47 No	1.5	Element Fault
STY071	406	'8586611_/8906219'	10	10	10	3.96	4.2	10	3.47 No	3.47	Unintentional Islanding
STY071	407	'4544036_/4544046'	3.33	3.33	3.33	1.32	0.1	3.33	1.16 No	0.1	Element Fault
STY071	408	'4545458_/4545455'	3.33	3.33	3.33	1.32	0.5	3.33	1.16 No	0.5	Element Fault
STY071	409	'7485686_/7796523'	10	10	10	3.96	4.8	10	3.47 No	3.47	Unintentional Islanding
STY071	410	'7485687_/7485684'	6.67	6.67	6.67	2.64	3.2	6.67	2.32 No	2.32	Unintentional Islanding
STY071	411	'8745404_/8745402'	10	10	10	3.96	4.2	10	3.47 No	3.47	Unintentional Islanding
STY071	412	'4544416_/4544413'	3.33	3.33	3.33	1.32	0.5	3.33	1.16 No	0.5	Element Fault
STY071	413	'43524239_/43524241'	3.33	3.33	3.33	1.32	0.5	3.33	1.16 No	0.5	Element Fault
STY071	414	'8277149_/9535502'	10	10	10	3.96	1.5	10	3.47 No	1.5	Element Fault
STY071	415	'522001483_/4544510'	3.33	3.33	3.33	1.32	0.5	3.33	1.16 No	0.5	Element Fault
STY071	416	'4544591_/4544601'	3.33	3.33	3.33	1.32	0.5	3.33	1.16 No	0.5	Element Fault
STY071	417	'4544685_/4544682'	3.33	3.33	3.33	1.32	0.5	3.33	1.16 No	0.5	Element Fault
STY071	418	'43527740_/7083068'	3.33	3.33	3.33	1.32	1.17	3.33	1.16 No	1.16	Unintentional Islanding
STY071	419	'4545373_/4545370'	10	10	10	3.96	3.5	10	3.47 No	3.47	Unintentional Islanding
STY071	420	'7083071_/9533706_2'	3.33	3.33	3.33	1.32	1.17	3.33	1.16 No	1.16	Unintentional Islanding
STY071	421	'7327605_/9379036'	10	10	10	3.96	4.2	10	3.47 No	3.47	Unintentional Islanding
STY071	422	'8745263_/9690884_2'	10	10	10	3.96	5	10	3.47 No	3.47	Unintentional Islanding
STY071	423	'7960832_/8586528_1'	3.33	3.33	3.33	1.32	0.5	3.33	1.16 No	0.5	Element Fault
STY071	424	'43533877_/4544899'	3.33	3.33	3.33	1.32	0.5	3.33	1.16 No	0.5	Element Fault
STY071	425	'7327295_/7642192'	10	10	10	3.96	4.2	10	3.47 No	3.47	Unintentional Islanding
STY071	426	'7642195_/8586608'	6.67	6.67	6.67	2.64	2.8	6.67	2.32 No	2.32	Unintentional Islanding
STY071	427	'50240630_/7962303'	10	10	10	3.96	1.8	10	3.47 No	1.8	Element Fault
STY071	428	'43533716_/43533718'	3.33	3.33	3.33	1.32	0.5	3.33	1.16 No	0.5	Element Fault
STY071	429	'7642631_/7642628'	10	10	10	3.96	1.5	10	3.47 No	1.5	Element Fault
STY071	430	'4514807_/43524502'	10	10	10	3.96	2.5	10	3.47 No	2.5	Element Fault
STY071	431	'44157758_/9690884_1'	10	10	10	3.96	5	10	3.47 No	3.47	Unintentional Islanding
STY071	432	'74135929_/74135936'	10	10	10	3.96	1.5	10	3.47 No	1.5	Element Fault
STY071	433	'50240695_/50240702'	10	10	10	3.96	1.8	10	3.47 No	1.8	Element Fault
STY071	434	'8586531_/8586528_2'	3.33	3.33	3.33	1.32	0.5	3.33	1.16 No	0.5	Element Fault
STY071	435	'7326076_/7326073'	3.33	3.33	3.33	1.32	0.5	3.33	1.16 No	0.5	Element Fault
STY071	436	'4544429_/4544426'	3.33	3.33	3.33	1.32	0.5	3.33	1.16 No	0.5	Element Fault
STY071	437	'8744970_/7139799_1'	10	10	10	3.96	4.9	10	3.47 No	3.47	Unintentional Islanding
STY071	438	'44057516_/7139782'	10	10	10	3.96	4.9	10	3.47 No	3.47	Unintentional Islanding
STY071	439	'7139785_/7139799_2'	10	10	10	3.96	1.5	10	3.47 No	1.5	Element Fault
STY071	440	'4517150_/4514805'	10	10	10	3.96	2.5	10	3.47 No	2.5	Element Fault
STY071	441	'43533822_/4544588'	3.33	3.33	3.33	1.32	0.5	3.33	1.16 No	0.5	Element Fault
STY071	442	'4544779_/4544776'	3.33	3.33	3.33	1.32	0.5	3.33	1.16 No	0.5	Element Fault
STY071	443	'4545048_/4545045'	3.33	3.33	3.33	1.32	0.5	3.33	1.16 No	0.5	Element Fault
STY071	444	'50240661_/50240723'	10	10	10	3.96	1.8	10	3.47 No	1.8	Element Fault
STY071	445	'8744971_/8744968'	10	10	10	3.96	4.9	10	3.47 No	3.47	Unintentional Islanding
STY071	446	'40679424_/44103558'	3.33	3.33	3.33	1.32	0.7	3.33	1.16 No	0.7	Element Fault
STY071	447	'9063005_/9063003_1'	10	10	10	3.96	4.9	10	3.47 No	3.47	Unintentional Islanding
STY071	448	'8902056_/9533706_1'	3.33	3.33	3.33	1.32	0.5	3.33	1.16 No	0.5	Element Fault
STY071	449	'4544023_/4544033'	3.33	3.33	3.33	1.32	0.1	3.33	1.16 No	0.1	Element Fault
STY071	450	'4545516_/4545513'	6.67	6.67	6.67	2.64	0.6	6.67	2.32 No	0.6	Element Fault
STY071	451	'7326289_/8585750'	10	10	10	3.96	3.2	10	3.47 No	3.2	Element Fault
STY071	452	'39433552_/9063079'	10	10	10	3.96	4.8	10	3.47 No	3.47	Unintentional Islanding
STY071	453	'404675809_/404675806'	10	10	10	3.96	4.8	10	3.47 No	3.47	Unintentional Islanding
STY071	454	'39433559_/38011993'	10	10	10	3.96	4.8	10	3.47 No	3.47	Unintentional Islanding
STY071	455	'404675792_/38011979'	10	10	10	3.96	4.8	10	3.47 No	3.47	Unintentional Islanding
STY071	456	'38725865_/71667215'	10	10	10	3.96	1.4	10	3.47 No	1.4	Element Fault
STY071	457	'4514808_/4517170'	10	10	10	3.96	2.5	10	3.47 No	2.5	Element Fault
STY071	458	'4544377_/4544387'	3.33	3.33	3.33	1.32	0.5	3.33	1.16 No	0.5	Element Fault
STY071	459	'4488292_/4488302'	3.33	3.33	3.33	1.32	0.5	3.33	1.16 No	0.5	Element Fault
STY071	460	'43534007_/4545468'	3.33	3.33	3.33	1.32	0.5	3.33	1.16 No	0.5	Element Fault
STY071	461	'4545390_/4545387'	10	10	10	3.96	3.5	10	3.47 No	3.47	Unintentional Islanding
STY071	462	'7482494_/7482492'	10	10	10	3.96	1.4	10	3.47 No	1.4	Element Fault
STY071	463	'7961796_/417169633'	3.33	3.33	3.33	1.32	1.4	3.33	1.16 No	1.16	Unintentional Islanding
STY071	464	'4545500_/7139799_3'	10	10	10	3.96	1.5	10	3.47 No	1.5	Element Fault
STY071	465	'67943712_/67943709'	3.33	3.33	3.33	1.32	0.1	3.33	1.16 No	0.1	Element Fault
STY071	466	'7327781_/8586830'	10	10	10	3.96	1.5	10	3.47 No	1.5	Element Fault
STY071	467	'7327212_/7327209'	3.33	3.33	3.33	1.32	0.5	3.33	1.16 No	0.5	Element Fault

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
STY071	468	'121923277_/7642608_2'		10	10	10	3.96	1.5	10	3.47 No	1.5 Element Fault
STY071	469	'43533821_/4544575'		3.33	3.33	3.33	1.32	0.5	3.33	1.16 No	0.5 Element Fault
STY071	470	'67943766_/67943746_1'		3.33	3.33	3.33	1.32	0.1	3.33	1.16 No	0.1 Element Fault
STY071	471	'7485541_/7485538'		6.67	6.67	6.67	2.64	0.6	6.67	2.32 No	0.6 Element Fault
STY071	472	'7326925_/7326923'		6.67	6.67	6.67	2.64	2.8	6.67	2.32 No	2.32 Unintentional Islanding
STY071	473	'43533889_/43533879'		3.33	3.33	3.33	1.32	0.5	3.33	1.16 No	0.5 Element Fault
STY071	474	'4514825_/4514822'		3.33	3.33	3.33	1.32	0.83	3.33	1.16 No	0.83 Element Fault
STY071	475	'8902057_/8902054'		3.33	3.33	3.33	1.32	0.5	3.33	1.16 No	0.5 Element Fault
STY071	476	'4488291_/4488289'		3.33	3.33	3.33	1.32	0.5	3.33	1.16 No	0.5 Element Fault
STY071	477	'39433383_/9063003_2'		10	10	10	3.96	4.9	10	3.47 No	3.47 Unintentional Islanding
STY071	478	'39433369_/38012200'		10	10	10	3.96	4.9	10	3.47 No	3.47 Unintentional Islanding
STY071	479	'34631819_/44103571'		3.33	3.33	3.33	1.32	0.7	3.33	1.16 No	0.7 Element Fault
STY071	480	'38012195_/71666869'		10	10	10	3.96	4.9	10	3.47 No	3.47 Unintentional Islanding
STY071	481	'43533727_/4544442'		3.33	3.33	3.33	1.32	0.5	3.33	1.16 No	0.5 Element Fault
STY071	482	'39433362_/38012193'		10	10	10	3.96	4.9	10	3.47 No	3.47 Unintentional Islanding
STY071	483	'4545407_/4545404'		10	10	10	3.96	3.5	10	3.47 No	3.47 Unintentional Islanding
STY071	484	'353029886_/353029635_1'		10	10	10	3.96	2.3	10	3.47 No	2.3 Element Fault
STY071	485	'8586079_/9534328'		10	10	10	3.96	3.6	10	3.47 No	3.47 Unintentional Islanding
STY071	486	'7328362_/50240663'		10	10	10	3.96	1.8	10	3.47 No	1.8 Element Fault
STY071	487	'4544364_/4544374'		3.33	3.33	3.33	1.32	0.5	3.33	1.16 No	0.5 Element Fault
STY071	488	'8586395_/9534678'		6.67	6.67	6.67	2.64	2.8	6.67	2.32 No	2.32 Unintentional Islanding
STY071	489	'8586078_/8586076'		10	10	10	3.96	3.6	10	3.47 No	3.47 Unintentional Islanding
STY071	490	'7326290_/7326287'		10	10	10	3.96	3.2	10	3.47 No	3.2 Element Fault
STY071	491	'7911974_/8420322'		3.33	3.33	3.33	1.32	0.5	3.33	1.16 No	0.5 Element Fault
STY071	492	'7326309_/7326307_1'		10	10	10	3.96	3.6	10	3.47 No	3.47 Unintentional Islanding
STY071	493	'7643337_/7643334'		10	10	10	3.96	1.8	10	3.47 No	1.8 Element Fault
STY071	494	'37798506_/9534232'		10	10	10	3.96	3.6	10	3.47 No	3.47 Unintentional Islanding
STY071	495	'37798485_/37798510'		10	10	10	3.96	3.6	10	3.47 No	3.47 Unintentional Islanding
STY071	496	'37798478_/37798482'		10	10	10	3.96	3.6	10	3.47 No	3.47 Unintentional Islanding
STY071	497	'37798519_/37798517'		10	10	10	3.96	3.6	10	3.47 No	3.47 Unintentional Islanding
STY071	498	'37798492_/37798496'		10	10	10	3.96	3.6	10	3.47 No	3.47 Unintentional Islanding
STY071	499	'9220903_/506061550'		10	10	10	3.96	4.2	10	3.47 No	3.47 Unintentional Islanding
STY071	500	'9220575_/417169424'		3.33	3.33	3.33	1.32	0.8	3.33	1.16 No	0.8 Element Fault
STY071	501	'7328361_/7962181'		10	10	10	3.96	1.8	10	3.47 No	1.8 Element Fault
STY071	502	'8425002_/9063119'		10	10	10	3.96	4.9	10	3.47 No	3.47 Unintentional Islanding
STY071	503	'7326926_/7642172'		10	10	10	3.96	4.2	10	3.47 No	3.47 Unintentional Islanding
STY071	504	'4544928_/4544925'		3.33	3.33	3.33	1.32	0.5	3.33	1.16 No	0.5 Element Fault
STY071	505	'8736445_/8736442'		3.33	3.33	3.33	1.32	0.5	3.33	1.16 No	0.5 Element Fault
STY071	506	'7140503_/9379642'		10	10	10	3.96	4.4	10	3.47 No	3.47 Unintentional Islanding
STY071	507	'4491000_/4514838'		3.33	3.33	3.33	1.32	0.83	3.33	1.16 No	0.83 Element Fault
STY071	508	'4545487_/43534009'		3.33	3.33	3.33	1.32	0.5	3.33	1.16 No	0.5 Element Fault
STY071	509	'43533705_/4544361'		3.33	3.33	3.33	1.32	0.5	3.33	1.16 No	0.5 Element Fault
STY071	510	'9221592_/9221590'		10	10	10	3.96	1.8	10	3.47 No	1.8 Element Fault
STY071	511	'391771829_/7140517_1'		10	10	10	3.96	1.7	10	3.47 No	1.7 Element Fault
STY071	512	'7613010_/9534348'		10	10	10	3.96	3.6	10	3.47 No	3.47 Unintentional Islanding
STY071	513	'70127996_/9053953'		3.33	3.33	3.33	1.32	0.5	3.33	1.16 No	0.5 Element Fault
STY071	514	'43536499_/4562745'		3.33	3.33	3.33	1.32	0.5	3.33	1.16 No	0.5 Element Fault
STY071	515	'511314567_/9219354'		3.33	3.33	3.33	1.32	0.5	3.33	1.16 No	0.5 Element Fault
STY071	516	'4544010_/4544020'		3.33	3.33	3.33	1.32	0.1	3.33	1.16 No	0.1 Element Fault
STY071	517	'4544941_/4544938'		3.33	3.33	3.33	1.32	0.5	3.33	1.16 No	0.5 Element Fault
STY071	518	'7911973_/418092649'		3.33	3.33	3.33	1.32	0.5	3.33	1.16 No	0.5 Element Fault
STY071	519	'4545061_/4545058'		3.33	3.33	3.33	1.32	0.5	3.33	1.16 No	0.5 Element Fault
STY071	520	'4544458_/43533729'		3.33	3.33	3.33	1.32	0.5	3.33	1.16 No	0.5 Element Fault
STY071	521	'43534018_/4545421'		10	10	10	3.96	3.5	10	3.47 No	3.47 Unintentional Islanding
STY071	522	'7613009_/7613007'		10	10	10	3.96	3.6	10	3.47 No	3.47 Unintentional Islanding
STY071	523	'4544954_/4544964'		3.33	3.33	3.33	1.32	0.5	3.33	1.16 No	0.5 Element Fault
STY071	524	'9221557_/9221554'		10	10	10	3.96	1.7	10	3.47 No	1.7 Element Fault
STY071	525	'43535452_/7140517_2'		10	10	10	3.96	1.7	10	3.47 No	1.7 Element Fault
STY071	526	'9219525_/308582463'		10	10	10	3.96	3.6	10	3.47 No	3.47 Unintentional Islanding
STY071	527	'7641851_/8276502'		10	10	10	3.96	4.2	10	3.47 No	3.47 Unintentional Islanding
STY071	528	'4543997_/4544007'		3.33	3.33	3.33	1.32	0.1	3.33	1.16 No	0.1 Element Fault
STY071	529	'8447729_/8447726'		3.33	3.33	3.33	1.32	0.5	3.33	1.16 No	0.5 Element Fault
STY071	530	'52114615_/353029635_2'		10	10	10	3.96	2.3	10	3.47 No	2.3 Element Fault
STY071	531	'8585312_/8585362'		3.33	3.33	3.33	1.32	0.5	3.33	1.16 No	0.5 Element Fault
STY071	532	'43533704_/4544345'		3.33	3.33	3.33	1.32	0.5	3.33	1.16 No	0.5 Element Fault
STY071	533	'8901980_/8901978'		3.33	3.33	3.33	1.32	0.5	3.33	1.16 No	0.5 Element Fault
STY071	534	'43535467_/43535471'		10	10	10	3.96	1.7	10	3.47 No	1.7 Element Fault
STY071	535	'34631833_/44083123'		3.33	3.33	3.33	1.32	0.7	3.33	1.16 No	0.7 Element Fault
STY071	536	'9527977_/9527974'		10	10	10	3.96	1.8	10	3.47 No	1.8 Element Fault
STY071	537	'7327987_/8277356'		3.33	3.33	3.33	1.32	1.4	3.33	1.16 No	1.16 Unintentional Islanding
STY071	538	'4544471_/4544468'		3.33	3.33	3.33	1.32	0.5	3.33	1.16 No	0.5 Element Fault
STY071	539	'9081678_/9081675_2'		10	10	10	3.96	1.7	10	3.47 No	1.7 Element Fault
STY071	540	'4491001_/4490998'		3.33	3.33	3.33	1.32	0.83	3.33	1.16 No	0.83 Element Fault
STY071	541	'4545441_/43534020'		10	10	10	3.96	3.5	10	3.47 No	3.47 Unintentional Islanding
STY071	542	'9220511_/452759471'		3.33	3.33	3.33	1.32	1.4	3.33	1.16 No	1.16 Unintentional Islanding
STY071	543	'7502313_/9081675_1'		10	10	10	3.96	1	10	3.47 No	1 Element Fault
STY071	544	'8585998_/8585996'		10	10	10	3.96	3.6	10	3.47 No	3.47 Unintentional Islanding
STY071	545	'4544794_/4562758'		3.33	3.33	3.33	1.32	0.5	3.33	1.16 No	0.5 Element Fault
STY071	546	'4548284_/4548281'		3.33	3.33	3.33	1.32	0.5	3.33	1.16 No	0.5 Element Fault
STY071	547	'7502312_/8760330'		10	10	10	3.96	1	10	3.47 No	1 Element Fault
STY071	548	'43524513_/4491011'		3.33	3.33	3.33	1.32	0.83	3.33	1.16 No	0.83 Element Fault
STY071	549	'4544953_/4544951'		3.33	3.33	3.33	1.32	0.5	3.33	1.16 No	0.5 Element Fault
STY071	550	'43535482_/7128336'		10	10	10	3.96	1.7	10	3.47 No	1.7 Element Fault
STY071	551	'7641095_/9533402'		3.33	3.33	3.33	1.32	0.5	3.33	1.16 No	0.5 Element Fault
STY071	552	'7641094_/511314589_1'		3.33	3.33	3.33	1.32	0.5	3.33	1.16 No	0.5 Element Fault
STY071	553	'7493836_/9399004'		3.33	3.33	3.33	1.32	0.5	3.33	1.16 No	0.5 Element Fault
STY071	554	'7960149_/8586016'		10	10	10	3.96	3.6	10	3.47 No	3.47 Unintentional Islanding
STY071	555	'724003219_/724003206'		10	10	10	3.96	2.3	10	3.47 No	2.3 Element Fault
STY071	556	'4544078_/4544075'		3.33	3.33	3.33	1.32	0.1	3.33	1.16 No	0.1 Element Fault
STY071	557	'8586375_/8586392'		10	10	10	3.96	4.2	10	3.47 No	3.47 Unintentional Islanding
STY071	558	'4543984_/4543994'		3.33	3.33	3.33	1.32	0.1	3.33	1.16 No	0.1 Element Fault
STY071	559	'7643356_/9527994'		10	10	10	3.96	1.8	10	3.47 No	1.8 Element Fault
STY071	560	'7960150_/7960147'		10	10	10	3.96	3.6	10	3.47 No	3.47 Unintentional Islanding
STY071	561	'4544487_/4544484'		3.33	3.33	3.33	1.32	0.5	3.33	1.16 No	0.5 Element Fault

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
STY071	562	'4545074_/4545071'	3.33		3.33	3.33	1.32	0.5	3.33	1.16 No	0.5 Element Fault
STY071	563	'7327988_/7327985'	3.33		3.33	3.33	1.32	1.4	3.33	1.16 No	1.16 Unintentional Islanding
STY071	564	'8902340_/9533690'	3.33		3.33	3.33	1.32	0.5	3.33	1.16 No	0.5 Element Fault
STY071	565	'9534183_/7960167'	10		10	10	3.96	3.6	10	3.47 No	3.47 Unintentional Islanding
STY071	566	'8902300_/308582518'	10		10	10	3.96	3.6	10	3.47 No	3.47 Unintentional Islanding
STY071	567	'43535533_/4555492'	3.33		3.33	3.33	1.32	0.5	3.33	1.16 No	0.5 Element Fault
STY071	568	'7326310_/9534180'	10		10	10	3.96	3.6	10	3.47 No	3.47 Unintentional Islanding
STY071	569	'39433086_/38012000'	10		10	10	3.96	4.9	10	3.47 No	3.47 Unintentional Islanding
STY071	570	'39433100_/38012014'	10		10	10	3.96	4.9	10	3.47 No	3.47 Unintentional Islanding
STY071	571	'38012002_/38012007'	10		10	10	3.96	4.9	10	3.47 No	3.47 Unintentional Islanding
STY071	572	'39433093_/7486054'	10		10	10	3.96	4.9	10	3.47 No	3.47 Unintentional Islanding
STY071	573	'39433107_/71667035'	10		10	10	3.96	4.9	10	3.47 No	3.47 Unintentional Islanding
STY071	574	'7485758_/7485756'	10		10	10	3.96	4.8	10	3.47 No	3.47 Unintentional Islanding
STY071	575	'8902301_/577301938_1'	10		10	10	3.96	3.6	10	3.47 No	3.47 Unintentional Islanding
STY071	576	'4490975_/4490972'	3.33		3.33	3.33	1.32	0.83	3.33	1.16 No	0.83 Element Fault
STY071	577	'39702854_/44083140'	3.33		3.33	3.33	1.32	0.7	3.33	1.16 No	0.7 Element Fault
STY071	578	'43534031_/4548491'	10		10	10	3.96	3.5	10	3.47 No	3.47 Unintentional Islanding
STY071	579	'43533922_/4544792'	3.33		3.33	3.33	1.32	0.5	3.33	1.16 No	0.5 Element Fault
STY071	580	'7643357_/7643354'	10		10	10	3.96	1.8	10	3.47 No	1.8 Element Fault
STY071	581	'9062038_/9062035'	10		10	10	3.96	4.9	10	3.47 No	3.47 Unintentional Islanding
STY071	582	'8117396_/420143241'	10		10	10	3.96	4.9	10	3.47 No	3.47 Unintentional Islanding
STY071	583	'43535538_/43535535'	3.33		3.33	3.33	1.32	0.5	3.33	1.16 No	0.5 Element Fault
STY071	584	'8585381_/724003311'	10		10	10	3.96	2.3	10	3.47 No	2.3 Element Fault
STY071	585	'4543983_/4543981'	3.33		3.33	3.33	1.32	0.1	3.33	1.16 No	0.1 Element Fault
STY071	586	'39693911_/7493834'	3.33		3.33	3.33	1.32	0.5	3.33	1.16 No	0.5 Element Fault
STY071	587	'8276540_/8586372'	10		10	10	3.96	4.2	10	3.47 No	3.47 Unintentional Islanding
STY071	588	'8276757_/417169445'	3.33		3.33	3.33	1.32	0.8	3.33	1.16 No	0.8 Element Fault
STY071	589	'7304935_/8585378'	10		10	10	3.96	2.3	10	3.47 No	2.3 Element Fault
STY071	590	'44054118_/43535484'	10		10	10	3.96	1.7	10	3.47 No	1.7 Element Fault
STY071	591	'8902321_/577301938_2'	10		10	10	3.96	3.6	10	3.47 No	3.47 Unintentional Islanding
STY071	592	'7485611_/7961505'	10		10	10	3.96	4.5	10	3.47 No	3.47 Unintentional Islanding
STY071	593	'4548329_/4548326'	3.33		3.33	3.33	1.32	0.1	3.33	1.16 No	0.1 Element Fault
STY071	594	'67943735_/67943746_2'	3.33		3.33	3.33	1.32	0.1	3.33	1.16 No	0.1 Element Fault
STY071	595	'7485610_/7485608'	10		10	10	3.96	4.5	10	3.47 No	3.47 Unintentional Islanding
STY071	596	'8905533_/577301927'	10		10	10	3.96	3.6	10	3.47 No	3.47 Unintentional Islanding
STY071	597	'7641111_/8902338'	3.33		3.33	3.33	1.32	0.5	3.33	1.16 No	0.5 Element Fault
STY071	598	'4544500_/4545212'	3.33		3.33	3.33	1.32	0.5	3.33	1.16 No	0.5 Element Fault
STY071	599	'499755671_/8905531'	10		10	10	3.96	3.6	10	3.47 No	3.47 Unintentional Islanding
STY071	600	'4548494_/43534033'	10		10	10	3.96	2.4	10	3.47 No	2.4 Element Fault
STY071	601	'50406112_/4490985'	3.33		3.33	3.33	1.32	0.83	3.33	1.16 No	0.83 Element Fault
STY071	602	'8905534_/499755693'	10		10	10	3.96	3.6	10	3.47 No	3.47 Unintentional Islanding
STY071	603	'4555421_/43533924'	3.33		3.33	3.33	1.32	0.5	3.33	1.16 No	0.5 Element Fault
STY071	604	'4554477_/4554474'	3.33		3.33	3.33	1.32	0.5	3.33	1.16 No	0.5 Element Fault
STY071	605	'54707194_/54707161_1'	3.33		3.33	3.33	1.32	0.3	3.33	1.16 No	0.3 Element Fault
STY071	606	'7328382_/7962201'	10		10	10	3.96	1.8	10	3.47 No	1.8 Element Fault
STY071	607	'7796300_/73781864'	10		10	10	3.96	4.5	10	3.47 No	3.47 Unintentional Islanding
STY071	608	'8276541_/8276538'	10		10	10	3.96	4.2	10	3.47 No	3.47 Unintentional Islanding
STY071	609	'40365260_/44097953'	10		10	10	3.96	4.5	10	3.47 No	3.47 Unintentional Islanding
STY071	610	'4545536_/4554487'	3.33		3.33	3.33	1.32	0.5	3.33	1.16 No	0.5 Element Fault
STY071	611	'7796299_/7796297'	10		10	10	3.96	4.5	10	3.47 No	3.47 Unintentional Islanding
STY071	612	'7641110_/7641108'	3.33		3.33	3.33	1.32	0.5	3.33	1.16 No	0.5 Element Fault
STY071	613	'7641174_/7641172'	3.33		3.33	3.33	1.32	0.5	3.33	1.16 No	0.5 Element Fault
STY071	614	'4490961_/4490959'	3.33		3.33	3.33	1.32	0.83	3.33	1.16 No	0.83 Element Fault
STY071	615	'68821794_/68821819'	3.33		3.33	3.33	1.32	0.5	3.33	1.16 No	0.5 Element Fault
STY071	616	'7128339_/44054120'	10		10	10	3.96	1.7	10	3.47 No	1.7 Element Fault
STY071	617	'8109469_/8109466'	10		10	10	3.96	2.4	10	3.47 No	2.4 Element Fault
STY071	618	'391771872_/8134875_2'	10		10	10	3.96	1.7	10	3.47 No	1.7 Element Fault
STY071	619	'7961108_/420143293'	10		10	10	3.96	4.9	10	3.47 No	3.47 Unintentional Islanding
STY071	620	'4555469_/4555466'	3.33		3.33	3.33	1.32	0.5	3.33	1.16 No	0.5 Element Fault
STY071	621	'7961107_/7961105'	10		10	10	3.96	4.9	10	3.47 No	3.47 Unintentional Islanding
STY071	622	'4544499_/43533751'	3.33		3.33	3.33	1.32	0.5	3.33	1.16 No	0.5 Element Fault
STY071	623	'68821739_/72814740'	3.33		3.33	3.33	1.32	0.5	3.33	1.16 No	0.5 Element Fault
STY071	624	'7328381_/7328379'	10		10	10	3.96	1.8	10	3.47 No	1.8 Element Fault
STY071	625	'40974371_/8134875_1'	10		10	10	3.96	1	10	3.47 No	1 Element Fault
STY071	626	'4548342_/4548339'	3.33		3.33	3.33	1.32	0.1	3.33	1.16 No	0.1 Element Fault
STY071	627	'9220510_/349732675'	3.33		3.33	3.33	1.32	1.4	3.33	1.16 No	1.16 Unintentional Islanding
STY071	628	'7961128_/7961125'	10		10	10	3.96	4.9	10	3.47 No	3.47 Unintentional Islanding
STY071	629	'7962167_/7962165'	3.33		3.33	3.33	1.32	0.57	3.33	1.16 No	0.57 Element Fault
STY071	630	'8277699_/8587148'	3.33		3.33	3.33	1.32	1.4	3.33	1.16 No	1.16 Unintentional Islanding
STY071	631	'4555453_/4555479'	3.33		3.33	3.33	1.32	0.5	3.33	1.16 No	0.5 Element Fault
STY071	632	'38012234_/71667079'	3.33		3.33	3.33	1.32	1.53	3.33	1.16 No	1.16 Unintentional Islanding
STY071	633	'38725606_/38012239'	3.33		3.33	3.33	1.32	0.3	3.33	1.16 No	0.3 Element Fault
STY071	634	'39433348_/38012246'	3.33		3.33	3.33	1.32	1.53	3.33	1.16 No	1.16 Unintentional Islanding
STY071	635	'8420269_/8420266'	10		10	10	3.96	2.4	10	3.47 No	2.4 Element Fault
STY071	636	'8276179_/9534252'	10		10	10	3.96	3.6	10	3.47 No	3.47 Unintentional Islanding
STY071	637	'39433355_/8118090'	3.33		3.33	3.33	1.32	1.53	3.33	1.16 No	1.16 Unintentional Islanding
STY071	638	'38725618_/38012232'	3.33		3.33	3.33	1.32	0.3	3.33	1.16 No	0.3 Element Fault
STY071	639	'7476585_/9053969'	3.33		3.33	3.33	1.32	0.5	3.33	1.16 No	0.5 Element Fault
STY071	640	'40679438_/44096815'	3.33		3.33	3.33	1.32	0.7	3.33	1.16 No	0.7 Element Fault
STY071	641	'7485779_/8428854'	10		10	10	3.96	4.5	10	3.47 No	3.47 Unintentional Islanding
STY071	642	'36426254_/44095851'	3.33		3.33	3.33	1.32	0.5	3.33	1.16 No	0.5 Element Fault
STY071	643	'4545285_/4545534'	3.33		3.33	3.33	1.32	0.5	3.33	1.16 No	0.5 Element Fault
STY071	644	'8906554_/8906551'	10		10	10	3.96	4.9	10	3.47 No	3.47 Unintentional Islanding
STY071	645	'7328462_/7328459'	10		10	10	3.96	1.8	10	3.47 No	1.8 Element Fault
STY071	646	'7328442_/7328439'	10		10	10	3.96	1.8	10	3.47 No	1.8 Element Fault
STY071	647	'7328441_/69461415'	6.67		6.67	6.67	2.64	1.2	6.67	2.32 No	1.2 Element Fault
STY071	648	'8134878_/44104435'	10		10	10	3.96	1	10	3.47 No	1 Element Fault
STY071	649	'7643485_/9221646'	3.33		3.33	3.33	1.32	0.6	3.33	1.16 No	0.6 Element Fault
STY071	650	'49996515_/7486022_1'	3.33		3.33	3.33	1.32	1.67	3.33	1.16 No	1.16 Unintentional Islanding
STY071	651	'38872849_/8443008'	10		10	10	3.96	1	10	3.47 No	1 Element Fault
STY071	652	'8118108_/8118106'	3.33		3.33	3.33	1.32	0.3	3.33	1.16 No	0.3 Element Fault
STY071	653	'38166205_/8760378'	10		10	10	3.96	1	10	3.47 No	1 Element Fault
STY071	654	'43535544_/43535546'	3.33		3.33	3.33	1.32	0.5	3.33	1.16 No	0.5 Element Fault
STY071	655	'54707154_/54707161_2'	3.33		3.33	3.33	1.32	0.3	3.33	1.16 No	0.3 Element Fault

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
STY071	656	'7139726_/7486022_2'	3.33		3.33	3.33	1.32	1.67	3.33	1.16 No	1.16 Unintentional Islanding
STY071	657	'7641670_/8420286'	10		10	10	3.96	2.4	10	3.47 No	2.4 Element Fault
STY071	658	'8760381_/44089377_1'	10		10	10	3.96	1	10	3.47 No	1 Element Fault
STY071	659	'8745900_/9220920'	10		10	10	3.96	4.9	10	3.47 No	3.47 Unintentional Islanding
STY071	660	'7139727_/7139740_1'	3.33		3.33	3.33	1.32	0.4	3.33	1.16 No	0.4 Element Fault
STY071	661	'7304916_/7304933'	10		10	10	3.96	2.3	10	3.47 No	2.3 Element Fault
STY071	662	'8746310_/8746308'	3.33		3.33	3.33	1.32	0.3	3.33	1.16 No	0.3 Element Fault
STY071	663	'4548358_/4548355'	3.33		3.33	3.33	1.32	0.1	3.33	1.16 No	0.1 Element Fault
STY071	664	'7643484_/7643482'	3.33		3.33	3.33	1.32	0.6	3.33	1.16 No	0.6 Element Fault
STY071	665	'8905799_/9220288'	3.33		3.33	3.33	1.32	1.53	3.33	1.16 No	1.16 Unintentional Islanding
STY071	666	'7485778_/7485776'	10		10	10	3.96	4.5	10	3.47 No	3.47 Unintentional Islanding
STY071	667	'7612929_/8276176'	10		10	10	3.96	3.6	10	3.47 No	3.47 Unintentional Islanding
STY071	668	'7485559_/8745898'	10		10	10	3.96	4.2	10	3.47 No	3.47 Unintentional Islanding
STY071	669	'516300418_/516300372_1'	10		10	10	3.96	4.2	10	3.47 No	3.47 Unintentional Islanding
STY071	670	'49996558_/9690924_2'	3.33		3.33	3.33	1.32	1.67	3.33	1.16 No	1.16 Unintentional Islanding
STY071	671	'7328422_/9221626'	10		10	10	3.96	1.8	10	3.47 No	1.8 Element Fault
STY071	672	'54707202_/54707209'	3.33		3.33	3.33	1.32	0.3	3.33	1.16 No	0.3 Element Fault
STY071	673	'4555437_/4555450'	3.33		3.33	3.33	1.32	0.5	3.33	1.16 No	0.5 Element Fault
STY071	674	'8425018_/8746074'	10		10	10	3.96	4.5	10	3.47 No	3.47 Unintentional Islanding
STY071	675	'7304915_/7304913'	10		10	10	3.96	2.3	10	3.47 No	2.3 Element Fault
STY071	676	'391771866_/391771595_1'	10		10	10	3.96	0.9	10	3.47 No	0.9 Element Fault
STY071	677	'7139743_/7139740_2'	3.33		3.33	3.33	1.32	0.4	3.33	1.16 No	0.4 Element Fault
STY071	678	'51137595_/7612927'	10		10	10	3.96	3.6	10	3.47 No	3.47 Unintentional Islanding
STY071	679	'51137512_/51137597'	10		10	10	3.96	3.6	10	3.47 No	3.47 Unintentional Islanding
STY071	680	'51137543_/51137572'	10		10	10	3.96	3.6	10	3.47 No	3.47 Unintentional Islanding
STY071	681	'4545286_/4545283'	3.33		3.33	3.33	1.32	0.5	3.33	1.16 No	0.5 Element Fault
STY071	682	'7328421_/7328419'	10		10	10	3.96	1.8	10	3.47 No	1.8 Element Fault
STY071	683	'8277815_/8587548'	10		10	10	3.96	1.8	10	3.47 No	1.8 Element Fault
STY071	684	'49996511_/7486146_1'	3.33		3.33	3.33	1.32	1.67	3.33	1.16 No	1.16 Unintentional Islanding
STY071	685	'7641671_/7641668'	10		10	10	3.96	2.4	10	3.47 No	2.4 Element Fault
STY071	686	'8118172_/7486146_2'	3.33		3.33	3.33	1.32	1.67	3.33	1.16 No	1.16 Unintentional Islanding
STY071	687	'7139755_/7486146_3'	3.33		3.33	3.33	1.32	1.67	3.33	1.16 No	1.16 Unintentional Islanding
STY071	688	'8276756_/349732654'	3.33		3.33	3.33	1.32	0.8	3.33	1.16 No	0.8 Element Fault
STY071	689	'37799003_/417169550'	3.33		3.33	3.33	1.32	1.4	3.33	1.16 No	1.16 Unintentional Islanding
STY071	690	'37798996_/37799000'	3.33		3.33	3.33	1.32	1.4	3.33	1.16 No	1.16 Unintentional Islanding
STY071	691	'402379058_/402379055'	3.33		3.33	3.33	1.32	1.4	3.33	1.16 No	1.16 Unintentional Islanding
STY071	692	'37798989_/37798993'	3.33		3.33	3.33	1.32	1.4	3.33	1.16 No	1.16 Unintentional Islanding
STY071	693	'8906205_/8906203'	3.33		3.33	3.33	1.32	1.4	3.33	1.16 No	1.16 Unintentional Islanding
STY071	694	'49996566_/8118170_2'	3.33		3.33	3.33	1.32	1.67	3.33	1.16 No	1.16 Unintentional Islanding
STY071	695	'7139756_/7139766_1'	3.33		3.33	3.33	1.32	0.4	3.33	1.16 No	0.4 Element Fault
STY071	696	'54707233_/54707240'	3.33		3.33	3.33	1.32	0.3	3.33	1.16 No	0.3 Element Fault
STY071	697	'7304955_/51137545'	10		10	10	3.96	3.6	10	3.47 No	3.47 Unintentional Islanding
STY071	698	'8277148_/8277146'	3.33		3.33	3.33	1.32	0.5	3.33	1.16 No	0.5 Element Fault
STY071	699	'7812288_/44092811'	10		10	10	3.96	1	10	3.47 No	1 Element Fault
STY071	700	'8276110_/76060232'	6.67		6.67	6.67	2.64	1.6	6.67	2.32 No	1.6 Element Fault
STY071	701	'8118173_/8118170_1'	3.33		3.33	3.33	1.32	1.67	3.33	1.16 No	1.16 Unintentional Islanding
STY071	702	'8277814_/8277812'	10		10	10	3.96	1.8	10	3.47 No	1.8 Element Fault
STY071	703	'7139769_/7139766_2'	3.33		3.33	3.33	1.32	0.4	3.33	1.16 No	0.4 Element Fault
STY071	704	'7476569_/7476582'	3.33		3.33	3.33	1.32	0.5	3.33	1.16 No	0.5 Element Fault
STY071	705	'8760332_/7812285'	10		10	10	3.96	1	10	3.47 No	1 Element Fault
STY071	706	'8117629_/8428916_2'	10		10	10	3.96	4.5	10	3.47 No	3.47 Unintentional Islanding
STY071	707	'54707264_/54707271'	3.33		3.33	3.33	1.32	0.3	3.33	1.16 No	0.3 Element Fault
STY071	708	'4554131_/43535234_2'	10		10	10	3.96	4.5	10	3.47 No	3.47 Unintentional Islanding
STY071	709	'8117628_/8428916_1'	10		10	10	3.96	4.5	10	3.47 No	3.47 Unintentional Islanding
STY071	710	'563220755_/7327293'	3.33		3.33	3.33	1.32	1.4	3.33	1.16 No	1.16 Unintentional Islanding
STY071	711	'7136921_/7136935_1'	10		10	10	3.96	2.4	10	3.47 No	2.4 Element Fault
STY071	712	'43535308_/8117786_2'	3.33		3.33	3.33	1.32	1.6	3.33	1.16 No	1.16 Unintentional Islanding
STY071	713	'49996580_/8117786_1'	3.33		3.33	3.33	1.32	1.6	3.33	1.16 No	1.16 Unintentional Islanding
STY071	714	'7643432_/8587496'	10		10	10	3.96	1.8	10	3.47 No	1.8 Element Fault
STY071	715	'7485707_/7796417_2'	3.33		3.33	3.33	1.32	1.6	3.33	1.16 No	1.16 Unintentional Islanding
STY071	716	'43535232_/43535234_1'	10		10	10	3.96	4.5	10	3.47 No	3.47 Unintentional Islanding
STY071	717	'43534044_/4554148'	3.33		3.33	3.33	1.32	0.5	3.33	1.16 No	0.5 Element Fault
STY071	718	'563220737_/563220798'	3.33		3.33	3.33	1.32	1.4	3.33	1.16 No	1.16 Unintentional Islanding
STY071	719	'4558871_/7082488_1'	3.33		3.33	3.33	1.32	0.5	3.33	1.16 No	0.5 Element Fault
STY071	720	'4555436_/4555434'	3.33		3.33	3.33	1.32	0.5	3.33	1.16 No	0.5 Element Fault
STY071	721	'563220706_/563220784'	3.33		3.33	3.33	1.32	1.4	3.33	1.16 No	1.16 Unintentional Islanding
STY071	722	'4554261_/7136935_2'	10		10	10	3.96	2.4	10	3.47 No	2.4 Element Fault
STY071	723	'7486040_/44103582'	3.33		3.33	3.33	1.32	0.7	3.33	1.16 No	0.7 Element Fault
STY071	724	'54707295_/54707302'	3.33		3.33	3.33	1.32	0.3	3.33	1.16 No	0.3 Element Fault
STY071	725	'66923924_/7082488_2'	3.33		3.33	3.33	1.32	0.5	3.33	1.16 No	0.5 Element Fault
STY071	726	'7139076_/7139074'	10		10	10	3.96	4.5	10	3.47 No	3.47 Unintentional Islanding
STY071	727	'7643376_/7643430'	10		10	10	3.96	1.8	10	3.47 No	1.8 Element Fault
STY071	728	'9063062_/9063059_2'	10		10	10	3.96	4.5	10	3.47 No	3.47 Unintentional Islanding
STY071	729	'7828281_/8277696'	3.33		3.33	3.33	1.32	1.4	3.33	1.16 No	1.16 Unintentional Islanding
STY071	730	'8425157_/8746056'	6.67		6.67	6.67	2.64	3	6.67	2.32 No	2.32 Unintentional Islanding
STY071	731	'4554163_/4554259'	10		10	10	3.96	2.4	10	3.47 No	2.4 Element Fault
STY071	732	'4554151_/43534046'	3.33		3.33	3.33	1.32	0.5	3.33	1.16 No	0.5 Element Fault
STY071	733	'7476568_/7476566'	3.33		3.33	3.33	1.32	0.5	3.33	1.16 No	0.5 Element Fault
STY071	734	'39433376_/38033427'	3.33		3.33	3.33	1.32	1.63	3.33	1.16 No	1.16 Unintentional Islanding
STY071	735	'9220559_/126174943'	3.33		3.33	3.33	1.32	0.8	3.33	1.16 No	0.8 Element Fault
STY071	736	'4558854_/7082504'	3.33		3.33	3.33	1.32	0.5	3.33	1.16 No	0.5 Element Fault
STY071	737	'7327312_/7327309'	3.33		3.33	3.33	1.32	1.4	3.33	1.16 No	1.16 Unintentional Islanding
STY071	738	'115411843_/72826551'	10		10	10	3.96	3.6	10	3.47 No	3.47 Unintentional Islanding
STY071	739	'7828280_/7828278'	3.33		3.33	3.33	1.32	1.4	3.33	1.16 No	1.16 Unintentional Islanding
STY071	740	'7643377_/7643374'	10		10	10	3.96	1.8	10	3.47 No	1.8 Element Fault
STY071	741	'34588238_/44085558'	3.33		3.33	3.33	1.32	0.5	3.33	1.16 No	0.5 Element Fault
STY071	742	'8746059_/9063059_1'	10		10	10	3.96	4.5	10	3.47 No	3.47 Unintentional Islanding
STY071	743	'43535273_/4554161'	10		10	10	3.96	2.4	10	3.47 No	2.4 Element Fault
STY071	744	'50345446_/38011100'	3.33		3.33	3.33	1.32	0.3	3.33	1.16 No	0.3 Element Fault
STY071	745	'39432068_/38011079'	3.33		3.33	3.33	1.32	1.63	3.33	1.16 No	1.16 Unintentional Islanding
STY071	746	'43535297_/4558852'	3.33		3.33	3.33	1.32	0.5	3.33	1.16 No	0.5 Element Fault
STY071	747	'38011060_/71666913'	3.33		3.33	3.33	1.32	1.63	3.33	1.16 No	1.16 Unintentional Islanding
STY071	748	'50345436_/38011058'	3.33		3.33	3.33	1.32	0.4	3.33	1.16 No	0.4 Element Fault
STY071	749	'39432075_/8425000'	3.33		3.33	3.33	1.32	1.63	3.33	1.16 No	1.16 Unintentional Islanding

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
											VSR (MW)	Limiting Threshold
STY071	750	'7643397_/_8587460'		10	10	10	3.96	1.8	10	3.47 No	1.8	Element Fault
STY071	751	'7486056_/_8425138'		3.33	3.33	3.33	1.32	1.63	3.33	1.16 No	1.16	Unintentional Islanding
STY071	752	'7959990_/_8902354'		10	10	10	3.96	2.3	10	3.47 No	2.3	Element Fault
STY071	753	'54707326_/_54707333'		3.33	3.33	3.33	1.32	0.3	3.33	1.16 No	0.3	Element Fault
STY071	754	'4558855_/_43535299'		3.33	3.33	3.33	1.32	0.5	3.33	1.16 No	0.5	Element Fault
STY071	755	'7304956_/_115411812'		5.6	8.9	10	3.96	3.6	10	3.47 No	3.47	Unintentional Islanding
STY071	756	'4517316_/_43535275'		10	10	10	3.96	2.4	10	3.47 No	2.4	Element Fault
STY071	757	'7642158_/_7642156'		3.33	3.33	3.33	1.32	1.4	3.33	1.16 No	1.16	Unintentional Islanding
STY071	758	'67704785_/_8902090_1'		6.1	9.6	10	3.96	2.4	10	3.47 No	2.4	Element Fault
STY071	759	'7796776_/_8425154'		10	10	10	3.96	4.5	10	3.47 No	3.47	Unintentional Islanding
STY071	760	'109742078_/_109741873_1'		10	10	10	3.96	1.4	10	3.47 No	1.4	Element Fault
STY071	761	'9219692_/_9533810'		10	10	10	3.96	2.4	10	3.47 No	2.4	Element Fault
STY071	762	'39693925_/_44081819'		3.33	3.33	3.33	1.32	0.5	3.33	1.16 No	0.5	Element Fault
STY071	763	'109741862_/_109741873_2'		10	10	10	3.96	1.4	10	3.47 No	1.4	Element Fault
STY071	764	'7962035_/_7962033'		3.33	3.33	3.33	1.32	1.4	3.33	1.16 No	1.16	Unintentional Islanding
STY071	765	'8902492_/_9219690'		9.9	10	10	3.96	2.4	10	3.47 No	2.4	Element Fault
STY071	766	'472611747_/_8117826'		10	10	10	3.96	4.5	10	3.47 No	3.47	Unintentional Islanding
STY071	767	'43528188_/_358893349'		10	10	10	3.96	2.4	10	3.47 No	2.4	Element Fault
STY071	768	'43536252_/_43536254'		3.33	3.33	3.33	1.32	0.5	3.33	1.16 No	0.5	Element Fault
STY071	769	'8587366_/_8587364'		3.33	3.33	3.33	1.32	1.4	3.33	1.16 No	1.16	Unintentional Islanding
STY071	770	'8902473_/_8902490'		9.5	10	10	3.96	2.4	10	3.47 No	2.4	Element Fault
STY071	771	'8905815_/_9534714'		3.33	3.33	3.33	1.32	1.4	3.33	1.16 No	1.16	Unintentional Islanding
STY071	772	'358893483_/_358893480'		10	10	10	3.96	2.4	10	3.47 No	2.4	Element Fault
STY071	773	'8906158_/_417169462'		3.33	3.33	3.33	1.32	0.8	3.33	1.16 No	0.8	Element Fault
STY071	774	'7641466_/_8902470'		9.5	10	10	3.96	2.4	10	3.47 No	2.4	Element Fault
STY071	775	'375490386_/_358893658_1'		10	10	10	3.96	1.4	10	3.47 No	1.4	Element Fault
STY071	776	'7642450_/_6802749801'		3.33	3.33	3.33	1.32	0.7	3.33	1.16 No	0.7	Element Fault
STY071	777	'7326366_/_7641464'		9.4	10	10	3.96	2.4	10	3.47 No	2.4	Element Fault
STY071	778	'435985677_/_435985694'		9.4	10	10	3.96	2.4	10	3.47 No	2.4	Element Fault
STY071	779	'7326365_/_7326363'		9.4	10	10	3.96	2.4	10	3.47 No	2.4	Element Fault
STY071	780	'358893639_/_358893658_2'		10	10	10	3.96	1.4	10	3.47 No	1.4	Element Fault
STY071	781	'8736481_/_724003233'		3.33	3.33	3.33	1.32	0.77	3.33	1.16 No	0.77	Element Fault
STY071	782	'8117829_/_8118122'		6.67	6.67	6.67	2.64	3	6.67	2.32 No	2.32	Unintentional Islanding
STY071	783	'724003270_/_724003284'		3.33	3.33	3.33	1.32	0.77	3.33	1.16 No	0.77	Element Fault
STY071	784	'7642451_/_7642448'		3.33	3.33	3.33	1.32	0.7	3.33	1.16 No	0.7	Element Fault
STY071	785	'7961147_/_7961145'		3.33	3.33	3.33	1.32	0.7	3.33	1.16 No	0.7	Element Fault
STY071	786	'51919257_/_51919284'		3.33	3.33	3.33	1.32	0.4	3.33	1.16 No	0.4	Element Fault
STY071	787	'7641850_/_7641848'		3.33	3.33	3.33	1.32	1.4	3.33	1.16 No	1.16	Unintentional Islanding
STY071	788	'54679827_/_54679829'		3.33	3.33	3.33	1.32	0.4	3.33	1.16 No	0.4	Element Fault
STY071	789	'51919222_/_51919224'		3.33	3.33	3.33	1.32	0.4	3.33	1.16 No	0.4	Element Fault
STY071	790	'8585822_/_9533870'		8.7	10	10	3.96	2.4	10	3.47 No	2.4	Element Fault
STY071	791	'7960864_/_251188233'		3.33	3.33	3.33	1.32	1.4	3.33	1.16 No	1.16	Unintentional Islanding
STY071	792	'8585733_/_8585730'		4.6	8.1	10	3.96	2.3	10	3.47 No	2.3	Element Fault
STY071	793	'44095866_/_44095863'		3.33	3.33	3.33	1.32	0.5	3.33	1.16 No	0.5	Element Fault
STY071	794	'8585823_/_8585820'		8.5	10	10	3.96	2.4	10	3.47 No	2.4	Element Fault
STY071	795	'7960863_/_251188184'		3.33	3.33	3.33	1.32	1.4	3.33	1.16 No	1.16	Unintentional Islanding
STY071	796	'7641502_/_9219726'		8.5	10	10	3.96	2.4	10	3.47 No	2.4	Element Fault
STY071	797	'7641542_/_9367310'		3.33	3.33	3.33	1.32	0.7	3.33	1.16 No	0.7	Element Fault
STY071	798	'7641503_/_7641500'		8.4	10	10	3.96	2.4	10	3.47 No	2.4	Element Fault
STY071	799	'43527751_/_358893529'		6.67	6.67	6.67	2.64	1.6	6.67	2.32 No	1.6	Element Fault
STY071	800	'7641522_/_8585840'		8.2	10	10	3.96	2.4	10	3.47 No	2.4	Element Fault
STY071	801	'417169573_/_251188145_1'		3.33	3.33	3.33	1.32	1.4	3.33	1.16 No	1.16	Unintentional Islanding
STY071	802	'8587518_/_8587516'		3.33	3.33	3.33	1.32	1.4	3.33	1.16 No	1.16	Unintentional Islanding
STY071	803	'54679859_/_54679885'		3.33	3.33	3.33	1.32	0.4	3.33	1.16 No	0.4	Element Fault
STY071	804	'37798961_/_251188145_2'		3.33	3.33	3.33	1.32	1.4	3.33	1.16 No	1.16	Unintentional Islanding
STY071	805	'37798940_/_37798965'		3.33	3.33	3.33	1.32	1.4	3.33	1.16 No	1.16	Unintentional Islanding
STY071	806	'37798947_/_37798944'		3.33	3.33	3.33	1.32	1.4	3.33	1.16 No	1.16	Unintentional Islanding
STY071	807	'37798933_/_37798937'		3.33	3.33	3.33	1.32	1.4	3.33	1.16 No	1.16	Unintentional Islanding
STY071	808	'37798975_/_37798972'		3.33	3.33	3.33	1.32	1.4	3.33	1.16 No	1.16	Unintentional Islanding
STY071	809	'7643453_/_8907257'		3.33	3.33	3.33	1.32	1.4	3.33	1.16 No	1.16	Unintentional Islanding
STY071	810	'4493365_/_43527753'		6.67	6.67	6.67	2.64	1.6	6.67	2.32 No	1.6	Element Fault
STY071	811	'7643452_/_7643450'		3.33	3.33	3.33	1.32	1.4	3.33	1.16 No	1.16	Unintentional Islanding
STY071	812	'7960189_/_8586056'		4.7	8.2	10	3.96	2.3	10	3.47 No	2.3	Element Fault
STY071	813	'8906126_/_417169487'		3.33	3.33	3.33	1.32	0.8	3.33	1.16 No	0.8	Element Fault
STY071	814	'7960190_/_7960207_1'		10	10	10	3.96	3.2	10	3.47 No	3.2	Element Fault
STY071	815	'4558322_/_4558320'		2.5	3.33	3.33	1.32	0.5	3.33	1.16 No	0.5	Element Fault
STY071	816	'9220526_/_9220524'		3.33	3.33	3.33	1.32	1.4	3.33	1.16 No	1.16	Unintentional Islanding
STY071	817	'7641523_/_7641520'		7.8	10	10	3.96	2.4	10	3.47 No	2.4	Element Fault
STY071	818	'4493383_/_4493380'		6.67	6.67	6.67	2.64	1.6	6.67	2.32 No	1.6	Element Fault
STY071	819	'7641543_/_7641540'		3.33	3.33	3.33	1.32	0.7	3.33	1.16 No	0.7	Element Fault
STY071	820	'8585401_/_9533850'		7.7	10	10	3.96	2.4	10	3.47 No	2.4	Element Fault
STY071	821	'43527763_/_4493395'		6.67	6.67	6.67	2.64	1.6	6.67	2.32 No	1.6	Element Fault
STY071	822	'54679798_/_54679866'		3.33	3.33	3.33	1.32	0.4	3.33	1.16 No	0.4	Element Fault
STY071	823	'141998321_/_141998326'		3.33	3.33	3.33	1.32	0.5	3.33	1.16 No	0.5	Element Fault
STY071	824	'8902145_/_8902142'		3.33	3.33	3.33	1.32	0.7	3.33	1.16 No	0.7	Element Fault
STY071	825	'8587350_/_8587348'		3.33	3.33	3.33	1.32	1.4	3.33	1.16 No	1.16	Unintentional Islanding
STY071	826	'141998355_/_141998387'		3.33	3.33	3.33	1.32	0.5	3.33	1.16 No	0.5	Element Fault
STY071	827	'4493413_/_43527765'		6.67	6.67	6.67	2.64	1.6	6.67	2.32 No	1.6	Element Fault
STY071	828	'141998287_/_141998373'		3.33	3.33	3.33	1.32	0.5	3.33	1.16 No	0.5	Element Fault
STY071	829	'8585400_/_8585398'		7.2	10	10	3.96	2.4	10	3.47 No	2.4	Element Fault
STY071	830	'8906125_/_417169508'		3.33	3.33	3.33	1.32	0.8	3.33	1.16 No	0.8	Element Fault
STY071	831	'9528017_/_9528014_1'		10	10	10	3.96	1.7	10	3.47 No	1.7	Element Fault
STY071	832	'4493428_/_4493425'		6.67	6.67	6.67	2.64	1.6	6.67	2.32 No	1.6	Element Fault
STY071	833	'7960975_/_8907169'		3.33	3.33	3.33	1.32	1.4	3.33	1.16 No	1.16	Unintentional Islanding
STY071	834	'43532035_/_4541291'		6.67	6.67	6.67	2.64	1.6	6.67	2.32 No	1.6	Element Fault
STY071	835	'7912215_/_9219710'		3.33	3.33	3.33	1.32	0.7	3.33	1.16 No	0.7	Element Fault
STY071	836	'8902093_/_9219370'		6.8	10	10	3.96	2.4	10	3.47 No	2.4	Element Fault
STY071	837	'51559160_/_51559167'		3.33	3.33	3.33	1.32	0.5	3.33	1.16 No	0.5	Element Fault
STY071	838	'7960976_/_7960973'		3.33	3.33	3.33	1.32	1.4	3.33	1.16 No	1.16	Unintentional Islanding
STY071	839	'7328346_/_8587532'		3.33	3.33	3.33	1.32	1.4	3.33	1.16 No	1.16	Unintentional Islanding
STY071	840	'4493442_/_43532037'		6.67	6.67	6.67	2.64	1.6	6.67	2.32 No	1.6	Element Fault
STY071	841	'7962289_/_8277848'		3.33	3.33	3.33	1.32	0.6	3.33	1.16 No	0.6	Element Fault
STY071	842	'8275935_/_9054001'		3.33	3.33	3.33	1.32	0.4	3.33	1.16 No	0.4	Element Fault
STY071	843	'7912216_/_7912213_1'		3.33	3.33	3.33	1.32	0.4	3.33	1.16 No	0.4	Element Fault

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
STY071	844	'7960879_/_417169529'	3.33	3.33	3.33	1.32	0.8	3.33	1.16 No	0.8	Element Fault
STY071	845	'4493443_/_4493440'	6.67	6.67	6.67	2.64	1.6	6.67	2.32 No	1.6	Element Fault
STY071	846	'7328345_/_7328343'	3.33	3.33	3.33	1.32	1.4	3.33	1.16 No	1.16	Unintentional Islanding
STY071	847	'43527775_/_4493455'	6.67	6.67	6.67	2.64	1.6	6.67	2.32 No	1.6	Element Fault
STY071	848	'8907276_/_8907273'	3.33	3.33	3.33	1.32	1.4	3.33	1.16 No	1.16	Unintentional Islanding
STY071	849	'9219978_/_9219976'	3.33	3.33	3.33	1.32	0.8	3.33	1.16 No	0.8	Element Fault
STY071	850	'9221613_/_9221610'	3.33	3.3	3.33	1.32	1.4	3.33	1.16 No	1.16	Unintentional Islanding
STY071	851	'9220542_/_9220540'	3.33	3.3	3.33	1.32	1.4	3.33	1.16 No	1.16	Unintentional Islanding
STY071	852	'37799017_/_291533285'	3.33	3.23	3.33	1.32	0.8	3.33	1.16 No	0.8	Element Fault
STY071	853	'4493473_/_43527777'	6.67	6.67	6.67	2.64	1.6	6.67	2.32 No	1.6	Element Fault
STY071	854	'8275934_/_8275932'	3.33	3.33	3.33	1.32	0.4	3.3	1.16 No	0.4	Element Fault
STY071	855	'7326386_/_9533890'	3.33	3.33	3.33	1.32	0.4	3.27	1.16 No	0.4	Element Fault
STY071	856	'7139096_/_8425016'	3.33	3.33	3.33	1.32	1.5	3.27	1.16 No	1.16	Unintentional Islanding
STY071	857	'8428919_/_471847456'	3.33	3.33	3.33	1.32	1.5	3.25	1.16 No	1.16	Unintentional Islanding
STY071	858	'7326385_/_7326383'	3.33	3.33	3.33	1.32	0.4	3.23	1.16 No	0.4	Element Fault
STY071	859	'75381501_/_4554220_1'	3.33	3.33	3.33	1.32	0.5	3.19	1.16 No	0.5	Element Fault
STY071	860	'75381529_/_4554233_1'	3.33	3.33	3.33	1.32	0.4	3.16	1.16 No	0.4	Element Fault
STY071	861	'337792456_/_337792527'	3.33	3.33	3.33	1.32	0.77	3.13	1.16 No	0.77	Element Fault
STY071	862	'4554223_/_4554220_2'	3.33	3.33	3.33	1.32	0.5	3.13	1.16 No	0.5	Element Fault
STY071	863	'115411892_/_115411888'	3.33	3.33	3.33	1.32	1.2	3.18	1.16 No	1.16	Unintentional Islanding
STY071	864	'115411906_/_115411902'	3.33	3.33	3.33	1.32	0.4	3.18	1.16 No	0.4	Element Fault
STY071	865	'115411899_/_115412012'	3.33	3.33	3.33	1.32	1.2	3.17	1.16 No	1.16	Unintentional Islanding
STY071	866	'115411884_/_115411895'	3.33	3.33	3.33	1.32	1.2	3.17	1.16 No	1.16	Unintentional Islanding
STY071	867	'115411885_/_115411881'	3.33	3.33	3.33	1.32	1.2	3.17	1.16 No	1.16	Unintentional Islanding
STY071	868	'332580590_/_332580763'	3.33	3.33	3.33	1.32	0.77	3.11	1.16 No	0.77	Element Fault
STY071	869	'4554236_/_4554233_2'	3.33	3.33	3.33	1.32	0.4	3.11	1.16 No	0.4	Element Fault
STY071	870	'115411807_/_115411997'	3.33	3.33	3.33	1.32	1.2	3.15	1.16 No	1.16	Unintentional Islanding
STY071	871	'337792441_/_332580750'	3.33	3.33	3.33	1.32	0.77	3.09	1.16 No	0.77	Element Fault
STY071	872	'7136722_/_471847418'	3.33	3.33	3.33	1.32	1.4	3.09	1.16 No	1.16	Unintentional Islanding
STY071	873	'7641331_/_7959987'	3.33	3.33	3.33	1.32	0.77	3.08	1.16 No	0.77	Element Fault
STY071	874	'4537988_/_7082456'	3.33	3.33	3.33	1.32	0.5	3.08	1.16 No	0.5	Element Fault
STY071	875	'43535286_/_4557644'	3.33	3.33	3.33	1.32	0.4	3.06	1.16 No	0.4	Element Fault
STY071	876	'332580649_/_332580653'	3.33	3.33	3.33	1.32	0.77	3.05	1.16 No	0.77	Element Fault
STY071	877	'332580613_/_332580802'	3.33	3.33	3.33	1.32	0.77	3.05	1.16 No	0.77	Element Fault
STY071	878	'43528211_/_4537998'	3.33	3.33	3.33	1.32	0.5	3.05	1.16 No	0.5	Element Fault
STY071	879	'4537987_/_4537985'	3.33	3.33	3.33	1.32	0.5	3.04	1.16 No	0.5	Element Fault
STY071	880	'4538016_/_43528213'	3.33	3.33	3.33	1.32	0.5	3.01	1.16 No	0.5	Element Fault
STY071	881	'7136748_/_471847437'	3.33	3.33	3.33	1.32	1.5	3.01	1.16 No	1.16	Unintentional Islanding
STY071	882	'43535291_/_43535288'	3.33	3.33	3.33	1.32	0.4	2.99	1.16 No	0.4	Element Fault
STY071	883	'43535319_/_7082472'	3.33	3.33	3.33	1.32	0.5	3	1.16 No	0.5	Element Fault
STY071	884	'43535318_/_4558884'	3.33	3.33	3.33	1.32	0.5	2.98	1.16 No	0.5	Element Fault
STY071	885	'7641330_/_7641328'	3.33	3.33	3.33	1.32	0.77	2.97	1.16 No	0.77	Element Fault
STY071	886	'4535614_/_4538014'	3.33	3.33	3.33	1.32	0.5	2.97	1.16 No	0.5	Element Fault
STY071	887	'8275794_/_8585664'	3.33	3.33	3.33	1.32	0.77	2.94	1.16 No	0.77	Element Fault
STY071	888	'43527787_/_4535612'	3.33	3.33	3.33	1.32	0.5	2.93	1.16 No	0.5	Element Fault
STY071	889	'115412075_/_115412086'	3.33	3.33	3.33	1.32	0.4	2.96	1.16 No	0.4	Element Fault
STY071	890	'4535588_/_43527789'	3.33	3.33	3.33	1.32	0.5	2.89	1.16 No	0.5	Element Fault
STY071	891	'7641347_/_8275792'	3.33	3.33	3.33	1.32	0.77	2.87	1.16 No	0.77	Element Fault
STY071	892	'4535589_/_4535586'	3.33	3.33	3.33	1.32	0.5	2.86	1.16 No	0.5	Element Fault
STY071	893	'43527798_/_4535599'	3.33	3.33	3.33	1.32	0.5	2.82	1.16 No	0.5	Element Fault
STY071	894	'7304995_/_7641344'	3.33	3.33	3.33	1.32	0.77	2.8	1.16 No	0.77	Element Fault
STY071	895	'44661376_/_4536388'	3.33	3.33	3.33	1.32	0.5	2.79	1.16 No	0.5	Element Fault
STY071	896	'115412114_/_115412125'	1.97	2.93	3.33	1.32	0.4	2.8	1.16 No	0.4	Element Fault
STY071	897	'7304996_/_7304993'	3.33	3.33	3.33	1.32	0.77	2.75	1.16 No	0.77	Element Fault
STY071	898	'118802254_/_118802263'	1.9	2.9	3.33	1.32	0.4	2.78	1.16 No	0.4	Element Fault
STY071	899	'638794678_/_572559335_1'	3.33	3.33	3.33	1.32	0.5	2.64	1.16 No	0.5	Element Fault
STY071	900	'7326205_/_572559335_2'	3.33	3.33	3.33	1.32	0.5	2.59	1.16 No	0.5	Element Fault
STY071	901	'341851659_/_341852106'	1.5	2.53	3.33	1.32	0.4	2.61	1.16 No	0.4	Element Fault
STY071	902	'4513799_/_4513796'	3.33	3.33	3.33	1.32	0.8	2.55	1.16 No	0.8	Element Fault
STY071	903	'4516562_/_4516572_1'	3.33	3.33	3.33	1.32	0.5	2.54	1.16 No	0.5	Element Fault
STY071	904	'7641159_/_7641156_2'	3.33	3.33	3.33	1.32	0.8	2.53	1.16 No	0.8	Element Fault
STY071	905	'43527976_/_4513809'	3.33	3.33	3.33	1.32	0.8	2.52	1.16 No	0.8	Element Fault
STY071	906	'4516575_/_4516572_2'	3.33	3.33	3.33	1.32	0.5	2.51	1.16 No	0.5	Element Fault
STY071	907	'7641158_/_7641156_1'	3.33	3.33	3.33	1.32	0.5	2.49	1.16 No	0.5	Element Fault
STY071	908	'4493660_/_4493657'	3.33	3.33	3.33	1.32	0.8	2.48	1.16 No	0.8	Element Fault
STY071	909	'9219392_/_572559326'	3.33	3.17	3.33	1.32	0.5	2.48	1.16 No	0.5	Element Fault
STY071	910	'4537326_/_4537349'	3.33	3.33	3.33	1.32	0.5	2.47	1.16 No	0.5	Element Fault
STY071	911	'4493673_/_4493670'	3.33	3.33	3.33	1.32	0.8	2.45	1.16 No	0.8	Element Fault
STY071	912	'4537300_/_4537323'	3.33	3.33	3.33	1.32	0.5	2.44	1.16 No	0.5	Element Fault
STY071	913	'4536195_/_4537336'	3.33	3.33	3.33	1.32	0.5	2.44	1.16 No	0.5	Element Fault
STY071	914	'341851722_/_347375249'	1.3	2.3	3.33	1.32	0.4	2.47	1.16 No	0.4	Element Fault
STY071	915	'4536131_/_4537297'	3.33	3.27	3.33	1.32	0.5	2.42	1.16 No	0.5	Element Fault
STY071	916	'43527930_/_4537310'	3.33	3.27	3.33	1.32	0.5	2.42	1.16 No	0.5	Element Fault
STY071	917	'43527998_/_4536193'	3.33	3.2	3.33	1.32	0.5	2.41	1.16 No	0.5	Element Fault
STY071	918	'43527987_/_4493683'	3.33	3.2	3.33	1.32	0.8	2.41	1.16 No	0.8	Element Fault
STY071	919	'43527919_/_4536128'	3.33	3.17	3.33	1.32	0.5	2.4	1.16 No	0.5	Element Fault
STY071	920	'4537313_/_43527932'	3.33	3.17	3.33	1.32	0.5	2.4	1.16 No	0.5	Element Fault
STY071	921	'4536404_/_43528000'	3.33	3.1	3.33	1.32	0.5	2.39	1.16 No	0.5	Element Fault
STY071	922	'4493699_/_43527989'	3.33	3.13	3.33	1.32	0.8	2.39	1.16 No	0.8	Element Fault
STY071	923	'7326189_/_572559380'	3.33	2.8	3.33	1.32	0.5	2.4	1.16 No	0.5	Element Fault
STY071	924	'4493712_/_4493709'	3.33	3.07	3.33	1.32	0.8	2.38	1.16 No	0.8	Element Fault
STY071	925	'4536102_/_4536115'	3.33	3.03	3.33	1.32	0.5	2.37	1.16 No	0.5	Element Fault
STY071	926	'8585468_/_9533502'	3.33	2.8	3.33	1.32	0.5	2.37	1.16 No	0.5	Element Fault
STY071	927	'4493725_/_4493722'	3.33	2.97	3.33	1.32	0.8	2.35	1.16 No	0.8	Element Fault
STY071	928	'4536089_/_4536099'	3.33	2.97	3.33	1.32	0.5	2.35	1.16 No	0.5	Element Fault
STY071	929	'4536157_/_4536167'	3.33	2.9	3.33	1.32	0.5	2.34	1.16 No	0.5	Element Fault
STY071	930	'43527908_/_4536086'	3.33	2.9	3.33	1.32	0.5	2.33	1.16 No	0.5	Element Fault
STY071	931	'4536183_/_4536180'	3.33	2.9	3.33	1.32	0.8	2.33	1.16 No	0.8	Element Fault
STY071	932	'43527941_/_43527943'	3.33	2.83	3.33	1.32	0.5	2.31	1.16 No	0.5	Element Fault
STY071	933	'7326190_/_572559407'	3.33	2.57	3.33	1.32	0.5	2.32	1.16 No	0.5	Element Fault
STY071	934	'8585469_/_8585466'	3.33	2.6	3.33	1.32	0.5	2.31	1.16 No	0.5	Element Fault
STY071	935	'4536063_/_4536073'	3.33	2.8	3.33	1.32	0.5	2.3	1.16 No	0.5	Element Fault
STY071	936	'4536156_/_4536154'	3.33	2.77	3.33	1.32	0.5	2.29	1.16 No	0.5	Element Fault
STY071	937	'4536050_/_4536060'	3.33	2.77	3.33	1.32	0.5	2.28	1.16 No	0.5	Element Fault

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
STY071	938	'8275625_/9219422'	3.33	2.53	3.33	1.32	0.5	2.29	1.16 No	0.5	Element Fault
STY071	939	'4536144_/4536141'	3.33	2.73	3.33	1.32	0.5	2.28	1.16 No	0.5	Element Fault
STY071	940	'4536037_/4536047'	3.33	2.7	3.33	1.32	0.5	2.27	1.16 No	0.5	Element Fault
STY071	941	'43527897_/4536034'	3.33	2.63	3.33	1.32	0.5	2.25	1.16 No	0.5	Element Fault
STY071	942	'9533440_/572559416'	3.33	2.4	3.33	1.32	0.5	2.26	1.16 No	0.5	Element Fault
STY071	943	'8275624_/8275622'	3.33	2.4	3.33	1.32	0.5	2.24	1.16 No	0.5	Element Fault
STY071	944	'4536011_/4536021'	3.33	2.57	3.33	1.32	0.5	2.22	1.16 No	0.5	Element Fault
STY071	945	'8275640_/572559434'	3.33	2.33	3.33	1.32	0.5	2.23	1.16 No	0.5	Element Fault
STY071	946	'4535998_/4536008'	3.33	2.53	3.33	1.32	0.5	2.21	1.16 No	0.5	Element Fault
STY071	947	'762852810_/762852836'	3.33	2.37	3.33	1.32	0.5	2.22	1.16 No	0.5	Element Fault
STY071	948	'8585437_/9533470'	3.33	2.33	3.33	1.32	0.5	2.21	1.16 No	0.5	Element Fault
STY071	949	'43527952_/43527954'	3.33	2.5	3.33	1.32	0.5	2.19	1.16 No	0.5	Element Fault
STY071	950	'7912005_/572559362'	3.33	2.27	3.33	1.32	0.5	2.19	1.16 No	0.5	Element Fault
STY071	951	'8585421_/8585434'	3.33	2.3	3.33	1.32	0.5	2.19	1.16 No	0.5	Element Fault
STY071	952	'4535997_/4535995'	3.33	2.47	3.33	1.32	0.5	2.17	1.16 No	0.5	Element Fault
STY071	953	'638794691_/572559443_1'	3.33	2.2	3.33	1.32	0.5	2.17	1.16 No	0.5	Element Fault
STY071	954	'7911990_/8585418'	3.33	2.2	3.33	1.32	0.5	2.15	1.16 No	0.5	Element Fault
STY072	0	'STY072_/9299112'	10	10	10	1.25	10	10	10 No	1.25	Thermal Discharging
STY072	1	'8983552_/9299112'	10	10	10	1.25	10	10	4.39 No	1.25	Thermal Discharging
STY072	2	'8983551_/8983549'	10	10	10	1.25	10	10	4.39 No	1.25	Thermal Discharging
STY072	3	'7719474_/9610451'	10	10	10	1.25	10	10	4.39 No	1.25	Thermal Discharging
STY072	4	'5570821_/7719472'	10	10	10	1.25	10	10	4.39 No	1.25	Thermal Discharging
STY072	5	'5570820_/5570818'	10	10	10	1.25	10	10	4.39 No	1.25	Thermal Discharging
STY072	6	'5574278_/5574644'	10	10	10	1.25	10	10	4.39 No	1.25	Thermal Discharging
STY072	7	'5574277_/5574275'	10	10	10	1.25	10	10	4.39 No	1.25	Thermal Discharging
STY072	8	'5574572_/5574570'	10	10	10	1.25	10	10	4.39 No	1.25	Thermal Discharging
STY072	9	'325104940_/325104937'	10	10	10	1.25	4.3	10	4.39 No	1.25	Thermal Discharging
STY072	10	'5574664_/5574678'	10	10	10	1.25	10	10	4.39 No	1.25	Thermal Discharging
STY072	11	'5574553_/5574661_1'	10	10	10	1.25	10	10	4.39 No	1.25	Thermal Discharging
STY072	12	'5574552_/5574550'	10	10	10	1.25	10	10	4.39 No	1.25	Thermal Discharging
STY072	13	'43740621_/43740623'	10	10	10	1.25	10	10	4.39 No	1.25	Thermal Discharging
STY072	14	'8109488_/8109486_1'	10	10	10	1.25	10	10	4.39 No	1.25	Thermal Discharging
STY072	15	'51515951_/8109486_2'	10	10	10	1.25	10	10	4.39 No	1.25	Thermal Discharging
STY072	16	'51516014_/51516093'	10	10	10	1.25	10	10	4.39 No	1.25	Thermal Discharging
STY072	17	'4503798_/51516016'	10	10	10	1.25	10	10	4.39 No	1.25	Thermal Discharging
STY072	18	'4503799_/4503796'	10	10	10	1.25	10	10	4.39 No	1.25	Thermal Discharging
STY072	19	'419991934_/419991931'	3.33	3.33	3.33	0.42	1.5	3.33	1.46 No	0.42	Thermal Discharging
STY072	20	'7912176_/8585626_1'	10	10	10	1.25	10	10	4.39 No	1.25	Thermal Discharging
STY072	21	'4491204_/8585626_2'	10	10	10	1.25	10	10	4.39 No	1.25	Thermal Discharging
STY072	22	'4491203_/4491201'	10	10	10	1.25	10	10	4.39 No	1.25	Thermal Discharging
STY072	23	'4509025_/4509022'	10	10	10	1.25	10	10	4.39 No	1.25	Thermal Discharging
STY072	24	'43524894_/4491218'	10	10	10	1.25	4.5	10	4.39 No	1.25	Thermal Discharging
STY072	25	'4507251_/4513034'	10	10	10	1.25	10	10	4.39 No	1.25	Thermal Discharging
STY072	26	'43524907_/4509448'	10	10	10	1.25	10	10	4.39 No	1.25	Thermal Discharging
STY072	27	'4509044_/43524909'	10	10	10	1.25	10	10	4.39 No	1.25	Thermal Discharging
STY072	28	'4507285_/4513017'	10	10	10	1.25	10	10	4.39 No	1.25	Thermal Discharging
STY072	29	'4507305_/4513000'	10	10	10	1.25	10	10	4.39 No	1.25	Thermal Discharging
STY072	30	'4488183_/4512966'	10	10	10	1.25	10	10	4.39 No	1.25	Thermal Discharging
STY072	31	'4491244_/4491241'	10	10	10	1.25	4.5	10	4.39 No	1.25	Thermal Discharging
STY072	32	'8275604_/8275602_1'	10	10	10	1.25	1.4	10	4.39 No	1.25	Thermal Discharging
STY072	33	'4488184_/4488198_1'	10	10	10	1.25	1.6	10	4.39 No	1.25	Thermal Discharging
STY072	34	'4491369_/4491677_1'	10	10	10	1.25	2.2	10	4.39 No	1.25	Thermal Discharging
STY072	35	'43531297_/4507283'	10	10	10	1.25	4.7	10	4.39 No	1.25	Thermal Discharging
STY072	36	'43524176_/43524178'	10	10	10	1.25	10	10	4.39 No	1.25	Thermal Discharging
STY072	37	'43524189_/43524191'	10	10	10	1.25	10	10	4.39 No	1.25	Thermal Discharging
STY072	38	'4508204_/4508221'	10	10	10	1.25	10	10	4.39 No	1.25	Thermal Discharging
STY072	39	'4508184_/4508201'	10	10	10	1.25	10	10	4.39 No	1.25	Thermal Discharging
STY072	40	'373947721_/373947718'	10	10	10	1.25	4.7	10	4.39 No	1.25	Thermal Discharging
STY072	41	'4490770_/4508238'	10	10	10	1.25	10	10	4.39 No	1.25	Thermal Discharging
STY072	42	'427448983_/4508255'	10	10	10	1.25	10	10	4.39 No	1.25	Thermal Discharging
STY072	43	'7641059_/9533248_2'	10	10	10	1.25	5.1	10	4.39 No	1.25	Thermal Discharging
STY072	44	'43524052_/43524054'	10	10	10	1.25	10	10	4.39 No	1.25	Thermal Discharging
STY072	45	'7959952_/7959949_2'	6.67	6.67	6.67	0.83	3.4	6.67	2.93 No	0.83	Thermal Discharging
STY072	46	'4508258_/427448991'	10	10	10	1.25	10	10	4.39 No	1.25	Thermal Discharging
STY072	47	'8275605_/8275602_2'	10	10	10	1.25	1.4	10	4.39 No	1.25	Thermal Discharging
STY072	48	'116930666_/116930663'	10	10	10	1.25	10	10	4.39 No	1.25	Thermal Discharging
STY072	49	'373947754_/373947751'	10	10	10	1.25	4.7	10	4.39 No	1.25	Thermal Discharging
STY072	50	'9533250_/9533248_1'	10	10	10	1.25	1.4	10	4.39 No	1.25	Thermal Discharging
STY072	51	'4508278_/4508275'	10	10	10	1.25	10	10	4.39 No	1.25	Thermal Discharging
STY072	52	'43524076_/4508292'	10	10	10	1.25	10	10	4.39 No	1.25	Thermal Discharging
STY072	53	'4488201_/4488198_2'	10	10	10	1.25	1.6	10	4.39 No	1.25	Thermal Discharging
STY072	54	'43524089_/43524078'	10	10	10	1.25	10	10	4.39 No	1.25	Thermal Discharging
STY072	55	'4508329_/43524091'	10	10	10	1.25	10	10	4.39 No	1.25	Thermal Discharging
STY072	56	'402298863_/4508343'	10	10	10	1.25	10	10	4.39 No	1.25	Thermal Discharging
STY072	57	'4508363_/402299051'	10	10	10	1.25	10	10	4.39 No	1.25	Thermal Discharging
STY072	58	'413625589_/413625608'	10	10	10	1.25	1.4	10	4.39 No	1.25	Thermal Discharging
STY072	59	'7959951_/7959949_1'	6.67	6.67	6.67	0.83	0.9	6.67	2.93 No	0.83	Thermal Discharging
STY072	60	'4491260_/4491677_2'	10	10	10	1.25	2.2	10	4.39 No	1.25	Thermal Discharging
STY072	61	'7326605_/7326603_1'	10	10	10	1.25	1.4	10	4.39 No	1.25	Thermal Discharging
STY072	62	'116931697_/412460119'	10	10	10	1.25	5.1	10	4.39 No	1.25	Thermal Discharging
STY072	63	'116931570_/116931592'	10	10	10	1.25	5.1	10	4.39 No	1.25	Thermal Discharging
STY072	64	'116931545_/116931567'	10	10	10	1.25	5.1	10	4.39 No	1.25	Thermal Discharging
STY072	65	'116931526_/116931542'	10	10	10	1.25	5.1	10	4.39 No	1.25	Thermal Discharging
STY072	66	'4488218_/4488215'	10	10	10	1.25	1.6	10	4.39 No	1.25	Thermal Discharging
STY072	67	'116931501_/116931523'	10	10	10	1.25	5.1	10	4.39 No	1.25	Thermal Discharging
STY072	68	'431829589_/7959967_1'	10	10	10	1.25	0.9	10	4.39 No	0.9	Element Fault
STY072	69	'118288679_/7326055_2'	6.67	6.67	6.67	0.83	2.8	6.67	2.93 No	0.83	Thermal Discharging
STY072	70	'116931482_/116931498'	10	10	10	1.25	5.1	10	4.39 No	1.25	Thermal Discharging
STY072	71	'496904814_/4491694'	10	10	10	1.25	1.6	10	4.39 No	1.25	Thermal Discharging
STY072	72	'431829398_/7959967_2'	10	10	10	1.25	0.9	10	4.39 No	0.9	Element Fault
STY072	73	'116931463_/116931479'	10	10	10	1.25	5.1	10	4.39 No	1.25	Thermal Discharging
STY072	74	'7326057_/7326055_1'	6.67	6.67	6.67	0.83	0.9	6.67	2.93 No	0.83	Thermal Discharging
STY072	75	'116932061_/4507058_2'	10	10	10	1.25	3.1	10	4.39 No	1.25	Thermal Discharging
STY072	76	'496905364_/496904888_1'	10	10	10	1.25	1.5	10	4.39 No	1.25	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
STY072	77	'116931438_/116931460'	10	10	10	1.25	5.1	10	4.39 No	1.25	Thermal Discharging
STY072	78	'4486885_/496904818'	6.67	6.67	6.67	0.83	1.07	6.67	2.93 No	0.83	Thermal Discharging
STY072	79	'116931419_/116931435'	10	10	10	1.25	5.1	10	4.39 No	1.25	Thermal Discharging
STY072	80	'431829442_/431829461'	10	10	10	1.25	0.9	10	4.39 No	0.9	Element Fault
STY072	81	'116931076_/116931416'	10	10	10	1.25	5.1	10	4.39 No	1.25	Thermal Discharging
STY072	82	'116931672_/116931695'	10	10	10	1.25	4.6	10	4.39 No	1.25	Thermal Discharging
STY072	83	'43524747_/116931073'	10	10	10	1.25	5	10	4.39 No	1.25	Thermal Discharging
STY072	84	'338951534_/338951555'	10	10	10	1.25	5	10	4.39 No	1.25	Thermal Discharging
STY072	85	'338951575_/338951531_2'	10	10	10	1.25	5	10	4.39 No	1.25	Thermal Discharging
STY072	86	'4491261_/4491258'	10	10	10	1.25	2.2	10	4.39 No	1.25	Thermal Discharging
STY072	87	'4506920_/8585680_1'	6.67	6.67	6.67	0.83	0.9	6.67	2.93 No	0.83	Thermal Discharging
STY072	88	'338951516_/338951531_1'	10	10	10	1.25	5	10	4.39 No	1.25	Thermal Discharging
STY072	89	'496904891_/496904888_2'	10	10	10	1.25	1.5	10	4.39 No	1.25	Thermal Discharging
STY072	90	'338951498_/338951513'	10	10	10	1.25	5	10	4.39 No	1.25	Thermal Discharging
STY072	91	'4507020_/4507058_1'	10	10	10	1.25	1.4	10	4.39 No	1.25	Thermal Discharging
STY072	92	'8275585_/9219602_1'	10	10	10	1.25	1.4	10	4.39 No	1.25	Thermal Discharging
STY072	93	'338951480_/338951495'	10	10	10	1.25	5	10	4.39 No	1.25	Thermal Discharging
STY072	94	'349588438_/53443888_2'	3.33	3.33	3.33	0.42	1.5	3.33	1.46 No	0.42	Thermal Discharging
STY072	95	'338951449_/338951477'	10	10	10	1.25	5	10	4.39 No	1.25	Thermal Discharging
STY072	96	'8585683_/8585680_2'	6.67	6.67	6.67	0.83	0.9	6.67	2.93 No	0.83	Thermal Discharging
STY072	97	'338951431_/338951446'	10	10	10	1.25	5	10	4.39 No	1.25	Thermal Discharging
STY072	98	'4486886_/4486883'	6.67	6.67	6.67	0.83	1.07	6.67	2.93 No	0.83	Thermal Discharging
STY072	99	'4488047_/116931670'	10	10	10	1.25	4.6	10	4.39 No	1.25	Thermal Discharging
STY072	100	'338951413_/338951428'	10	10	10	1.25	5	10	4.39 No	1.25	Thermal Discharging
STY072	101	'356238422_/356238424_2'	10	10	10	1.25	5	10	4.39 No	1.25	Thermal Discharging
STY072	102	'349588473_/356238340_2'	10	10	10	1.25	4.3	10	4.39 No	1.25	Thermal Discharging
STY072	103	'123404581_/4488064_1'	10	10	10	0.07	4.6	10	6.51 No	0.07	Thermal Discharging
STY072	104	'43524855_/4491275'	10	10	10	1.25	2.2	10	4.39 No	1.25	Thermal Discharging
STY072	105	'338951389_/338951410'	10	10	10	1.25	5	10	4.39 No	1.25	Thermal Discharging
STY072	106	'338951371_/338951386'	10	10	10	1.25	5	10	4.39 No	1.25	Thermal Discharging
STY072	107	'7326606_/7326603_2'	10	10	10	1.25	1.4	10	4.39 No	1.25	Thermal Discharging
STY072	108	'338951353_/338951368'	10	10	10	1.25	5	10	4.39 No	1.25	Thermal Discharging
STY072	109	'43528246_/4488064_2'	10	10	10	0.07	4.6	10	6.51 No	0.07	Thermal Discharging
STY072	110	'496904909_/496904906'	10	10	10	1.25	1.5	10	4.39 No	1.25	Thermal Discharging
STY072	111	'4517337_/43524156'	3.33	3.33	3.33	0.42	1.5	3.33	1.46 No	0.42	Thermal Discharging
STY072	112	'7326462_/7326459_3'	10	10	10	0.07	4.6	10	6.51 No	0.07	Thermal Discharging
STY072	113	'338951335_/338951350'	10	10	10	1.25	5	10	4.39 No	1.25	Thermal Discharging
STY072	114	'347618829_/356238340_1'	10	10	10	1.25	1.4	10	4.39 No	1.25	Thermal Discharging
STY072	115	'338951138_/338951332'	10	10	10	1.25	5	10	4.39 No	1.25	Thermal Discharging
STY072	116	'4517353_/43528248'	10	10	10	0.07	4.6	10	6.51 No	0.07	Thermal Discharging
STY072	117	'338951120_/338951135'	10	10	10	1.25	5	10	4.39 No	1.25	Thermal Discharging
STY072	118	'347618601_/338951117_2'	10	10	10	1.25	5	10	4.39 No	1.25	Thermal Discharging
STY072	119	'4490488_/4490502'	10	10	10	1.25	5	10	4.39 No	1.25	Thermal Discharging
STY072	120	'338951102_/338951117_1'	10	10	10	1.25	5	10	4.39 No	1.25	Thermal Discharging
STY072	121	'356238516_/338951099'	10	10	10	1.25	5	10	4.39 No	1.25	Thermal Discharging
STY072	122	'356238526_/356238518'	10	10	10	1.25	5	10	4.39 No	1.25	Thermal Discharging
STY072	123	'338951066_/338951081'	10	10	10	1.25	5	10	4.39 No	1.25	Thermal Discharging
STY072	124	'4488083_/4517367'	10	10	10	0.07	4.6	10	6.51 No	0.07	Thermal Discharging
STY072	125	'338950981_/338951063'	10	10	10	1.25	5	10	4.39 No	1.25	Thermal Discharging
STY072	126	'4490471_/4490485'	10	10	10	1.25	5	10	4.39 No	1.25	Thermal Discharging
STY072	127	'349588641_/356238622_2'	3.33	3.33	3.33	0.42	1.5	3.33	1.46 No	0.42	Thermal Discharging
STY072	128	'496904927_/496904924'	10	10	10	1.25	1.5	10	4.39 No	1.25	Thermal Discharging
STY072	129	'263642630_/338950978'	10	10	10	1.25	5	10	4.39 No	1.25	Thermal Discharging
STY072	130	'43523721_/4486901'	6.67	6.67	6.67	0.83	1.07	6.67	2.93 No	0.83	Thermal Discharging
STY072	131	'263642650_/263642647'	10	10	10	1.25	5	10	4.39 No	1.25	Thermal Discharging
STY072	132	'4487989_/4507018'	10	10	10	1.25	1.4	10	4.39 No	1.25	Thermal Discharging
STY072	133	'4488084_/4488081'	10	10	10	0.07	4.6	10	6.51 No	0.07	Thermal Discharging
STY072	134	'4517387_/4517384'	10	10	10	0.07	4.5	10	6.51 No	0.07	Thermal Discharging
STY072	135	'53443891_/53443888_1'	3.33	3.33	3.33	0.42	0.4	3.33	1.46 No	0.4	Element Fault
STY072	136	'263642670_/263642667'	10	10	10	1.25	5	10	4.39 No	1.25	Thermal Discharging
STY072	137	'349588676_/356238576_1'	3.33	3.33	3.33	0.42	0.4	3.33	1.46 No	0.4	Element Fault
STY072	138	'8585863_/9533906_1'	10	10	10	0.07	1.5	10	6.51 No	0.07	Thermal Discharging
STY072	139	'4490470_/4490468'	10	10	10	1.25	5	10	4.39 No	1.25	Thermal Discharging
STY072	140	'263642690_/263642687'	10	10	10	1.25	5	10	4.39 No	1.25	Thermal Discharging
STY072	141	'263642710_/263642707'	10	10	10	1.25	5	10	4.39 No	1.25	Thermal Discharging
STY072	142	'356238620_/356238622_1'	3.33	3.33	3.33	0.42	0.4	3.33	1.46 No	0.4	Element Fault
STY072	143	'263642770_/263642767'	10	10	10	1.25	5	10	4.39 No	1.25	Thermal Discharging
STY072	144	'4488104_/4488101'	10	10	10	0.07	4.6	10	6.51 No	0.07	Thermal Discharging
STY072	145	'7612950_/7612947'	10	10	10	1.25	1.4	10	4.39 No	1.25	Thermal Discharging
STY072	146	'4517407_/4517404'	10	10	10	0.07	4.5	10	6.51 No	0.07	Thermal Discharging
STY072	147	'263642790_/263642787'	10	10	10	1.25	5	10	4.39 No	1.25	Thermal Discharging
STY072	148	'4516603_/43524774'	3.33	3.33	3.33	0.42	0.47	3.33	1.46 No	0.42	Thermal Discharging
STY072	149	'356238572_/356238576_2'	3.33	3.33	3.33	0.42	0.4	3.33	1.46 No	0.4	Element Fault
STY072	150	'4538619_/4538616'	10	10	10	1.25	4.6	10	4.39 No	1.25	Thermal Discharging
STY072	151	'252564936_/263643043_1'	3.33	3.33	3.33	0.42	0.4	3.33	1.46 No	0.4	Element Fault
STY072	152	'263642810_/263642807'	10	10	10	1.25	5	10	4.39 No	1.25	Thermal Discharging
STY072	153	'43524734_/4490519'	10	10	10	1.25	5	10	4.39 No	1.25	Thermal Discharging
STY072	154	'4538652_/4538666_1'	10	10	10	1.25	1.5	10	4.39 No	1.25	Thermal Discharging
STY072	155	'263642830_/263642827'	10	10	10	1.25	5	10	4.39 No	1.25	Thermal Discharging
STY072	156	'4493219_/263643043_2'	3.33	3.33	3.33	0.42	0.4	3.33	1.46 No	0.4	Element Fault
STY072	157	'496904945_/496904942'	10	10	10	1.25	1.5	10	4.39 No	1.25	Thermal Discharging
STY072	158	'263642850_/263642847'	10	10	10	1.25	5	10	4.39 No	1.25	Thermal Discharging
STY072	159	'4491298_/4491295'	10	10	10	1.25	2.2	10	4.39 No	1.25	Thermal Discharging
STY072	160	'4509572_/263643015'	10	10	10	1.25	5	10	4.39 No	1.25	Thermal Discharging
STY072	161	'4488121_/4488118'	10	10	10	0.07	4.6	10	6.51 No	0.07	Thermal Discharging
STY072	162	'4488158_/4488155'	3.33	3.33	3.33	0.02	1.1	3.33	2.17 No	0.02	Thermal Discharging
STY072	163	'43527093_/4509570'	10	10	10	1.25	5	10	4.39 No	1.25	Thermal Discharging
STY072	164	'250892326_/263642867_1'	10	10	10	1.25	1.4	10	4.39 No	1.25	Thermal Discharging
STY072	165	'4538636_/43528527'	3.33	3.33	3.33	0.42	1.5	3.33	1.46 No	0.42	Thermal Discharging
STY072	166	'43524115_/4487987'	10	10	10	1.25	1.4	10	4.39 No	1.25	Thermal Discharging
STY072	167	'4490453_/4490451'	10	10	10	1.25	5	10	4.39 No	1.25	Thermal Discharging
STY072	168	'7960025_/9533906_2'	10	10	10	0.07	1.5	10	6.51 No	0.07	Thermal Discharging
STY072	169	'4491948_/43527095'	10	10	10	1.25	5	10	4.39 No	1.25	Thermal Discharging
STY072	170	'496905406_/496904960'	10	10	10	1.25	1.5	10	4.39 No	1.25	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
STY072	171	'9219605_/_9219602_2'		10	10	10	1.25	1.4	10	4.39 No	1.25 Thermal Discharging
STY072	172	'7326461_/_7326459_1'		10	10	10	0.07	4.6	10	6.51 No	0.07 Thermal Discharging
STY072	173	'496905395_/_496904992_2'		10	10	10	1.25	1.5	10	4.39 No	1.25 Thermal Discharging
STY072	174	'4488138_/_4488135'		10	10	10	0.07	4.6	10	6.51 No	0.07 Thermal Discharging
STY072	175	'4506140_/_4506137'		10	10	10	1.25	1.4	10	4.39 No	1.25 Thermal Discharging
STY072	176	'4509607_/_4509604'		10	10	10	1.25	5	10	4.39 No	1.25 Thermal Discharging
STY072	177	'220761936_/_4488168_1'	3.33	3.33	3.33	3.33	0.02	0.1	3.33	2.17 No	0.02 Thermal Discharging
STY072	178	'4491949_/_4516546_1'	3.33	3.33	3.33	3.33	0.42	0.4	3.33	1.46 No	0.4 Element Fault
STY072	179	'9534275_/_9534272'		10	10	10	1.25	1.4	10	4.39 No	1.25 Thermal Discharging
STY072	180	'7305048_/_496904992_1'		10	10	10	1.25	1	10	4.39 No	1 Element Fault
STY072	181	'4490700_/_4491741'	3.33	3.33	3.33	3.33	0.42	0.4	3.33	1.46 No	0.4 Element Fault
STY072	182	'4509624_/_4509621'		10	10	10	1.25	5	10	4.39 No	1.25 Thermal Discharging
STY072	183	'43524721_/_4505793'		10	10	10	1.25	5	10	4.39 No	1.25 Thermal Discharging
STY072	184	'4513545_/_4513542'		10	10	10	1.25	5	10	4.39 No	1.25 Thermal Discharging
STY072	185	'56109832_/_56109810'	3.33	3.33	3.33	3.33	0.42	0.4	3.33	1.46 No	0.4 Element Fault
STY072	186	'43531579_/_4513665'		10	10	10	0.07	4.6	10	6.51 No	0.07 Thermal Discharging
STY072	187	'43531616_/_4514104'		10	10	10	1.25	5	10	4.39 No	1.25 Thermal Discharging
STY072	188	'4486922_/_4486919'	3.33	3.33	3.33	3.33	0.42	0.53	3.33	1.46 No	0.42 Thermal Discharging
STY072	189	'686680607_/_686680604'		10	10	10	1.25	1.5	10	4.39 No	1.25 Thermal Discharging
STY072	190	'4538336_/_4538666_2'		10	10	10	1.25	1.5	10	4.39 No	1.25 Thermal Discharging
STY072	191	'56110120_/_56110099'	3.33	3.33	3.33	3.33	0.42	0.4	3.33	1.46 No	0.4 Element Fault
STY072	192	'43525024_/_4491585'	3.33	3.33	3.33	3.33	0.42	0.4	3.33	1.46 No	0.4 Element Fault
STY072	193	'4509501_/_43531618'		10	10	10	1.25	5	10	4.39 No	1.25 Thermal Discharging
STY072	194	'102438076_/_102438042_1'		10	10	10	1.25	1.4	10	4.39 No	1.25 Thermal Discharging
STY072	195	'4490699_/_4490697'	3.33	3.33	3.33	3.33	0.42	0.4	3.33	1.46 No	0.4 Element Fault
STY072	196	'4490716_/_4490713'	3.33	3.33	3.33	3.33	0.42	0.4	3.33	1.46 No	0.4 Element Fault
STY072	197	'4490420_/_4490434'		10	10	10	1.25	5	10	4.39 No	1.25 Thermal Discharging
STY072	198	'4509502_/_4509499'		10	10	10	1.25	5	10	4.39 No	1.25 Thermal Discharging
STY072	199	'4517599_/_4517596'	3.33	3.33	3.33	3.33	0.02	1.1	3.33	2.17 No	0.02 Thermal Discharging
STY072	200	'43524128_/_4488007'		10	10	10	1.25	1.4	10	4.39 No	1.25 Thermal Discharging
STY072	201	'263642870_/_263642867_2'		10	10	10	1.25	1.4	10	4.39 No	1.25 Thermal Discharging
STY072	202	'102438031_/_102438042_2'		10	10	10	1.25	1.4	10	4.39 No	1.25 Thermal Discharging
STY072	203	'4509519_/_4509516'		10	10	10	1.25	5	10	4.39 No	1.25 Thermal Discharging
STY072	204	'4513647_/_43531581'		10	10	10	0.07	4.6	10	6.51 No	0.07 Thermal Discharging
STY072	205	'4490403_/_4490417'		10	10	10	1.25	5	10	4.39 No	1.25 Thermal Discharging
STY072	206	'4491935_/_4509533'		10	10	10	1.25	5	10	4.39 No	1.25 Thermal Discharging
STY072	207	'606500573_/_4491933_1'	3.33	3.33	3.33	3.33	0.42	0.4	3.33	1.46 No	0.4 Element Fault
STY072	208	'4488027_/_43524130'		10	10	10	1.25	1.4	10	4.39 No	1.25 Thermal Discharging
STY072	209	'4516549_/_4516546_2'	3.33	3.33	3.33	3.33	0.42	0.4	3.33	1.46 No	0.4 Element Fault
STY072	210	'52336351_/_52336349'	3.33	3.33	3.33	3.33	0.42	0.4	3.33	1.46 No	0.4 Element Fault
STY072	211	'4488171_/_4488168_2'	3.33	3.33	3.33	3.33	0.02	0.1	3.33	2.17 No	0.02 Thermal Discharging
STY072	212	'4490195_/_4490400'		10	10	10	1.25	5	10	4.39 No	1.25 Thermal Discharging
STY072	213	'4491906_/_4491933_2'	3.33	3.33	3.33	3.33	0.42	0.4	3.33	1.46 No	0.4 Element Fault
STY072	214	'4492280_/_4509553'		10	10	10	1.25	5	10	4.39 No	1.25 Thermal Discharging
STY072	215	'4490374_/_4490371_2'	3.33	3.33	3.33	3.33	0.42	1.5	3.33	1.46 No	0.42 Thermal Discharging
STY072	216	'4491315_/_4491312'		10	10	10	1.25	2.2	10	4.39 No	1.25 Thermal Discharging
STY072	217	'43527285_/_4509927'		10	10	10	1.25	5	10	4.39 No	1.25 Thermal Discharging
STY072	218	'52336433_/_52336380_1'	3.33	3.33	3.33	3.33	0.42	0.3	3.33	1.46 No	0.3 Element Fault
STY072	219	'4492267_/_4492264_2'	3.33	3.33	3.33	3.33	0.42	1.5	3.33	1.46 No	0.42 Thermal Discharging
STY072	220	'43527082_/_4491933_3'	3.33	3.33	3.33	3.33	0.42	0.4	3.33	1.46 No	0.4 Element Fault
STY072	221	'56110123_/_56109840'	3.33	3.33	3.33	3.33	0.42	0.4	3.33	1.46 No	0.4 Element Fault
STY072	222	'686680625_/_686680622'		10	10	10	1.25	1.5	10	4.39 No	1.25 Thermal Discharging
STY072	223	'4489481_/_4513645'		10	10	10	0.07	4.6	10	6.51 No	0.07 Thermal Discharging
STY072	224	'4490729_/_4490726'	3.33	3.33	3.33	3.33	0.42	0.4	3.33	1.46 No	0.4 Element Fault
STY072	225	'4490361_/_4490371_1'	3.33	3.33	3.33	3.33	0.42	0.4	3.33	1.46 No	0.4 Element Fault
STY072	226	'4490178_/_4490192'		10	10	10	1.25	5	10	4.39 No	1.25 Thermal Discharging
STY072	227	'4509967_/_4509964'		10	10	10	1.25	5	10	4.39 No	1.25 Thermal Discharging
STY072	228	'4492254_/_4492264_1'	3.33	3.33	3.33	3.33	0.42	0.4	3.33	1.46 No	0.4 Element Fault
STY072	229	'4509984_/_4509981'		10	10	10	1.25	5	10	4.39 No	1.25 Thermal Discharging
STY072	230	'4489464_/_4489478'		10	10	10	0.07	4.6	10	6.51 No	0.07 Thermal Discharging
STY072	231	'43527333_/_4509998'		10	10	10	1.25	5	10	4.39 No	1.25 Thermal Discharging
STY072	232	'4514954_/_43525026'	3.33	3.33	3.33	3.33	0.42	0.4	3.33	1.46 No	0.4 Element Fault
STY072	233	'263642890_/_263642887'		10	10	10	1.25	1.4	10	4.39 No	1.25 Thermal Discharging
STY072	234	'43524675_/_4490175'		10	10	10	1.25	5	10	4.39 No	1.25 Thermal Discharging
STY072	235	'4492387_/_43527335'		10	10	10	1.25	5	10	4.39 No	1.25 Thermal Discharging
STY072	236	'686680649_/_686680646'		10	10	10	1.25	1.5	10	4.39 No	1.25 Thermal Discharging
STY072	237	'4487953_/_4489461'		10	10	10	0.07	4.6	10	6.51 No	0.07 Thermal Discharging
STY072	238	'4510018_/_4510015'		10	10	10	1.25	5	10	4.39 No	1.25 Thermal Discharging
STY072	239	'369734580_/_4510035'		10	10	10	1.25	5	10	4.39 No	1.25 Thermal Discharging
STY072	240	'4538319_/_4538334'		10	10	10	1.25	1.5	10	4.39 No	1.25 Thermal Discharging
STY072	241	'250892491_/_4510052'		10	10	10	1.25	5	10	4.39 No	1.25 Thermal Discharging
STY072	242	'4490348_/_4490358'	3.33	3.33	3.33	3.33	0.42	0.4	3.33	1.46 No	0.4 Element Fault
STY072	243	'4510055_/_250892493'		10	10	10	1.25	5	10	4.39 No	1.25 Thermal Discharging
STY072	244	'43527406_/_4510123'		10	10	10	1.25	5	10	4.39 No	1.25 Thermal Discharging
STY072	245	'4487936_/_4487950'		10	10	10	0.07	4.6	10	6.51 No	0.07 Thermal Discharging
STY072	246	'4492594_/_4492592_1'		10	10	10	1.25	1.4	10	4.39 No	1.25 Thermal Discharging
STY072	247	'4490144_/_4490158'		10	10	10	1.25	5	10	4.39 No	1.25 Thermal Discharging
STY072	248	'4491920_/_4491917'	3.33	3.33	3.33	3.33	0.42	0.4	3.33	1.46 No	0.4 Element Fault
STY072	249	'4510075_/_4510072'		10	10	10	1.25	5	10	4.39 No	1.25 Thermal Discharging
STY072	250	'686680667_/_686680664'		10	10	10	1.25	1.5	10	4.39 No	1.25 Thermal Discharging
STY072	251	'368259933_/_368259880_2'		10	10	10	1.25	5	10	4.39 No	1.25 Thermal Discharging
STY072	252	'52336373_/_52336380_2'	3.33	3.33	3.33	3.33	0.42	0.3	3.33	1.46 No	0.3 Element Fault
STY072	253	'43527419_/_4510089'		10	10	10	1.25	5	10	4.39 No	1.25 Thermal Discharging
STY072	254	'4487916_/_4487933'		10	10	10	0.07	4.6	10	6.51 No	0.07 Thermal Discharging
STY072	255	'4490127_/_4490141'		10	10	10	1.25	5	10	4.39 No	1.25 Thermal Discharging
STY072	256	'4514955_/_4514952'	3.33	3.33	3.33	3.33	0.42	0.4	3.33	1.46 No	0.4 Element Fault
STY072	257	'4489498_/_4489495'		10	10	10	0.07	3.1	10	6.51 No	0.07 Thermal Discharging
STY072	258	'4490347_/_4490345'	3.33	3.33	3.33	3.33	0.42	0.4	3.33	1.46 No	0.4 Element Fault
STY072	259	'4489521_/_4489535_1'	3.33	3.33	3.33	3.33	0.02	0.2	3.33	2.17 No	0.02 Thermal Discharging
STY072	260	'43524165_/_4489593'	3.33	3.33	3.33	3.33	0.02	0.1	3.33	2.17 No	0.02 Thermal Discharging
STY072	261	'4492614_/_43527421'		10	10	10	1.25	5	10	4.39 No	1.25 Thermal Discharging
STY072	262	'4492595_/_4492592_2'		10	10	10	1.25	1.4	10	4.39 No	1.25 Thermal Discharging
STY072	263	'368259861_/_368259880_1'		10	10	10	1.25	1.4	10	4.39 No	1.25 Thermal Discharging
STY072	264	'43524662_/_4490124'		10	10	10	1.25	5	10	4.39 No	1.25 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
STY072	265	'4492241_/4492251'	3.33	3.33	3.33	0.42	0.4	3.33	1.46 No	0.4	Element Fault
STY072	266	'43527432_/4510143'	10	10	10	1.25	5	10	4.39 No	1.25	Thermal Discharging
STY072	267	'43524583_/4489535_2'	3.33	3.33	3.33	0.02	0.2	3.33	2.17 No	0.02	Thermal Discharging
STY072	268	'43524868_/4491329'	10	10	10	1.25	2.2	10	4.39 No	1.25	Thermal Discharging
STY072	269	'263642910_/263642907'	10	10	10	1.25	1.4	10	4.39 No	1.25	Thermal Discharging
STY072	270	'4487896_/4487913'	10	10	10	0.07	4.6	10	6.51 No	0.07	Thermal Discharging
STY072	271	'4510163_/43527434'	10	10	10	1.25	5	10	4.39 No	1.25	Thermal Discharging
STY072	272	'4492578_/4492629'	10	10	10	1.25	4.5	10	4.39 No	1.25	Thermal Discharging
STY072	273	'247549096_/4492575_2'	10	10	10	1.25	4.5	10	4.39 No	1.25	Thermal Discharging
STY072	274	'43527568_/4510180'	10	10	10	1.25	5	10	4.39 No	1.25	Thermal Discharging
STY072	275	'4491040_/4491053_1'	3.33	3.33	3.33	0.02	0.1	3.33	2.17 No	0.02	Thermal Discharging
STY072	276	'4490022_/4490107'	10	10	10	1.25	5	10	4.39 No	1.25	Thermal Discharging
STY072	277	'4490042_/4490039_2'	3.33	3.33	3.33	0.42	1	3.33	1.46 No	0.42	Thermal Discharging
STY072	278	'4487879_/4487893'	10	10	10	0.07	4.6	10	6.51 No	0.07	Thermal Discharging
STY072	279	'211410067_/211410089'	10	10	10	1.25	4.5	10	4.39 No	1.25	Thermal Discharging
STY072	280	'4489936_/4490039_1'	3.33	3.33	3.33	0.42	0.7	3.33	1.46 No	0.42	Thermal Discharging
STY072	281	'4491629_/4514968'	3.33	3.33	3.33	0.42	0.4	3.33	1.46 No	0.4	Element Fault
STY072	282	'4538320_/4538317'	10	10	10	1.25	1.5	10	4.39 No	1.25	Thermal Discharging
STY072	283	'43527393_/4492575_1'	10	10	10	1.25	1.5	10	4.39 No	1.25	Thermal Discharging
STY072	284	'263642930_/263642927'	10	10	10	1.25	1.4	10	4.39 No	1.25	Thermal Discharging
STY072	285	'4490005_/4490019'	10	10	10	1.25	5	10	4.39 No	1.25	Thermal Discharging
STY072	286	'4491056_/4491053_2'	3.33	3.33	3.33	0.02	0.1	3.33	2.17 No	0.02	Thermal Discharging
STY072	287	'4489551_/4489548'	3.33	3.33	3.33	0.02	0.2	3.33	2.17 No	0.02	Thermal Discharging
STY072	288	'4489612_/43524167'	3.33	3.33	3.33	0.02	0.1	3.33	2.17 No	0.02	Thermal Discharging
STY072	289	'43524649_/4490002'	10	10	10	1.25	5	10	4.39 No	1.25	Thermal Discharging
STY072	290	'51381327_/56904112'	3.33	3.33	3.33	0.42	0.3	3.33	1.46 No	0.3	Element Fault
STY072	291	'4491349_/43524870'	10	10	10	1.25	2.2	10	4.39 No	1.25	Thermal Discharging
STY072	292	'4493545_/4538300'	10	10	10	1.25	1.5	10	4.39 No	1.25	Thermal Discharging
STY072	293	'53462014_/53462011'	3.33	3.33	3.33	0.42	0.5	3.33	1.46 No	0.42	Thermal Discharging
STY072	294	'263642950_/263642947'	10	10	10	1.25	1.4	10	4.39 No	1.25	Thermal Discharging
STY072	295	'4489987_/4489985'	10	10	10	1.25	5	10	4.39 No	1.25	Thermal Discharging
STY072	296	'211410048_/211410064'	10	10	10	1.25	4.5	10	4.39 No	1.25	Thermal Discharging
STY072	297	'43527309_/43527311'	3.33	3.33	3.33	0.42	0.9	3.33	1.46 No	0.42	Thermal Discharging
STY072	298	'53462048_/53462033_1'	3.33	3.33	3.33	0.42	0.3	3.33	1.46 No	0.3	Element Fault
STY072	299	'43524881_/4491657'	10	10	10	1.25	2.2	10	4.39 No	1.25	Thermal Discharging
STY072	300	'4489923_/4489933'	3.33	3.33	3.33	0.42	0.7	3.33	1.46 No	0.42	Thermal Discharging
STY072	301	'4492539_/4492552'	10	10	10	1.25	1.5	10	4.39 No	1.25	Thermal Discharging
STY072	302	'4492199_/4492238'	3.33	3.33	3.33	0.42	0.4	3.33	1.46 No	0.4	Element Fault
STY072	303	'4492374_/4492371_2'	3.33	3.33	3.33	0.42	0.9	3.33	1.46 No	0.42	Thermal Discharging
STY072	304	'4491630_/4491627'	3.33	3.33	3.33	0.42	0.4	3.33	1.46 No	0.4	Element Fault
STY072	305	'43532082_/43532084'	10	10	10	1.25	5	10	4.39 No	1.25	Thermal Discharging
STY072	306	'4489962_/4489972'	3.33	3.33	3.33	0.42	0.7	3.33	1.46 No	0.42	Thermal Discharging
STY072	307	'4493528_/4493542'	10	10	10	1.25	1.5	10	4.39 No	1.25	Thermal Discharging
STY072	308	'263642970_/263642967'	3.33	3.33	3.33	0.42	0.47	3.33	1.46 No	0.42	Thermal Discharging
STY072	309	'43524594_/4489564'	3.33	3.33	3.33	0.02	0.2	3.33	2.17 No	0.02	Thermal Discharging
STY072	310	'4490068_/4490065'	3.33	3.33	3.33	0.42	0.7	3.33	1.46 No	0.42	Thermal Discharging
STY072	311	'4541564_/4541581'	10	10	10	1.25	5	10	4.39 No	1.25	Thermal Discharging
STY072	312	'4489910_/4489920'	3.33	3.33	3.33	0.42	0.7	3.33	1.46 No	0.42	Thermal Discharging
STY072	313	'241635944_/241635953'	10	10	10	1.25	1.5	10	4.39 No	1.25	Thermal Discharging
STY072	314	'4489625_/4489622'	3.33	3.33	3.33	0.02	0.1	3.33	2.17 No	0.02	Thermal Discharging
STY072	315	'4510449_/211410045'	10	10	10	1.25	4.5	10	4.39 No	1.25	Thermal Discharging
STY072	316	'4490942_/4541561'	10	10	10	1.25	5	10	4.39 No	1.25	Thermal Discharging
STY072	317	'43527592_/4510447'	10	10	10	1.25	4.5	10	4.39 No	1.25	Thermal Discharging
STY072	318	'4488947_/43524384_2'	3.33	3.33	3.33	0.42	1.1	3.33	1.46 No	0.42	Thermal Discharging
STY072	319	'4492361_/4492371_1'	3.33	3.33	3.33	0.42	0.8	3.33	1.46 No	0.42	Thermal Discharging
STY072	320	'4510467_/4510464'	10	10	10	1.25	4.5	10	4.39 No	1.25	Thermal Discharging
STY072	321	'4493511_/4493525'	10	10	10	1.25	1.5	10	4.39 No	1.25	Thermal Discharging
STY072	322	'117738801_/117738798'	10	10	10	1.25	1.5	10	4.39 No	1.25	Thermal Discharging
STY072	323	'135055513_/135055493_1'	10	10	10	1.25	0.9	10	4.39 No	0.9	Element Fault
STY072	324	'43527274_/43527276'	3.33	3.33	3.33	0.42	0.4	3.33	1.46 No	0.4	Element Fault
STY072	325	'43527605_/4510481'	10	10	10	1.25	4.5	10	4.39 No	1.25	Thermal Discharging
STY072	326	'4506991_/4506988'	3.33	3.33	3.33	0.42	0.4	3.33	1.46 No	0.4	Element Fault
STY072	327	'4490925_/4490939'	10	10	10	1.25	5	10	4.39 No	1.25	Thermal Discharging
STY072	328	'43527618_/43527607'	10	10	10	1.25	4.5	10	4.39 No	1.25	Thermal Discharging
STY072	329	'135055475_/135055493_2'	10	10	10	1.25	0.9	10	4.39 No	0.9	Element Fault
STY072	330	'4489897_/4489907'	3.33	3.33	3.33	0.42	0.7	3.33	1.46 No	0.42	Thermal Discharging
STY072	331	'43524382_/43524384_1'	3.33	3.33	3.33	0.42	0.7	3.33	1.46 No	0.42	Thermal Discharging
STY072	332	'43527368_/4492536'	3.33	3.33	3.33	0.42	0.5	3.33	1.46 No	0.42	Thermal Discharging
STY072	333	'4510518_/43527620'	10	10	10	1.25	4.5	10	4.39 No	1.25	Thermal Discharging
STY072	334	'4510535_/4510532'	10	10	10	1.25	4.5	10	4.39 No	1.25	Thermal Discharging
STY072	335	'4493491_/4493508'	10	10	10	1.25	1.5	10	4.39 No	1.25	Thermal Discharging
STY072	336	'4493305_/4510549'	10	10	10	1.25	4.5	10	4.39 No	1.25	Thermal Discharging
STY072	337	'4489580_/4489577'	3.33	3.33	3.33	0.02	0.2	3.33	2.17 No	0.02	Thermal Discharging
STY072	338	'4489949_/4489959'	3.33	3.33	3.33	0.42	0.7	3.33	1.46 No	0.42	Thermal Discharging
STY072	339	'4489228_/4490922'	10	10	10	1.25	5	10	4.39 No	1.25	Thermal Discharging
STY072	340	'117738832_/117738829'	10	10	10	1.25	1.5	10	4.39 No	1.25	Thermal Discharging
STY072	341	'43527581_/4513999'	3.33	3.33	3.33	0.42	1	3.33	1.46 No	0.42	Thermal Discharging
STY072	342	'4489638_/4489635'	3.33	3.33	3.33	0.02	0.1	3.33	2.17 No	0.02	Thermal Discharging
STY072	343	'4514672_/4514670'	10	10	10	1.25	4.5	10	4.39 No	1.25	Thermal Discharging
STY072	344	'4488798_/4491157'	3.33	3.33	3.33	0.42	1	3.33	1.46 No	0.42	Thermal Discharging
STY072	345	'4514002_/43527583_1'	3.33	3.33	3.33	0.42	0.4	3.33	1.46 No	0.4	Element Fault
STY072	346	'4514689_/4514687'	10	10	10	1.25	4.5	10	4.39 No	1.25	Thermal Discharging
STY072	347	'43531098_/4506975'	3.33	3.33	3.33	0.42	0.7	3.33	1.46 No	0.42	Thermal Discharging
STY072	348	'4490081_/4490078'	3.33	3.33	3.33	0.42	0.7	3.33	1.46 No	0.42	Thermal Discharging
STY072	349	'53462036_/53462033_2'	3.33	3.33	3.33	0.42	0.3	3.33	1.46 No	0.3	Element Fault
STY072	350	'4540226_/4540224'	10	10	10	1.25	4.5	10	4.39 No	1.25	Thermal Discharging
STY072	351	'24357172_/4490264_3'	3.33	3.33	3.33	0.42	0.7	3.33	1.46 No	0.42	Thermal Discharging
STY072	352	'4489884_/4489894'	3.33	3.33	3.33	0.42	0.7	3.33	1.46 No	0.42	Thermal Discharging
STY072	353	'4489211_/4489225'	10	10	10	1.25	5	10	4.39 No	1.25	Thermal Discharging
STY072	354	'4514638_/4540241'	10	10	10	1.25	4.5	10	4.39 No	1.25	Thermal Discharging
STY072	355	'50178081_/117738848'	3.33	3.33	3.33	0.42	0.5	3.33	1.46 No	0.42	Thermal Discharging
STY072	356	'4489650_/4489703'	3.33	3.33	3.33	0.02	0.2	3.33	2.17 No	0.02	Thermal Discharging
STY072	357	'4488785_/4488795'	3.33	3.33	3.33	0.42	0.5	3.33	1.46 No	0.42	Thermal Discharging
STY072	358	'4514639_/4514636'	10	10	10	1.25	4.5	10	4.39 No	1.25	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
STY072	359	'243571733_/_4490264_2'	3.33	3.33	3.33	3.33	0.42	0.5	3.33	1.46 No	0.42 Thermal Discharging
STY072	360	'4492173_/_4492183'	3.33	3.33	3.33	3.33	0.42	0.4	3.33	1.46 No	0.4 Element Fault
STY072	361	'4488921_/_4488931'	3.33	3.33	3.33	3.33	0.42	0.7	3.33	1.46 No	0.42 Thermal Discharging
STY072	362	'4516337_/_4516335'	3.33	3.33	3.33	3.33	0.02	0.1	3.33	2.17 No	0.02 Thermal Discharging
STY072	363	'4511311_/_4514653'	10	10	10	10	1.25	4.5	10	4.39 No	1.25 Thermal Discharging
STY072	364	'4488720_/_4489208'	10	10	10	10	1.25	5	10	4.39 No	1.25 Thermal Discharging
STY072	365	'4511312_/_4511309'	10	10	10	10	1.25	4.5	10	4.39 No	1.25 Thermal Discharging
STY072	366	'4493092_/_43527583_2'	3.33	3.33	3.33	3.33	0.42	0.4	3.33	1.46 No	0.4 Element Fault
STY072	367	'4506978_/_43531100'	3.33	3.33	3.33	3.33	0.42	0.7	3.33	1.46 No	0.42 Thermal Discharging
STY072	368	'4493490_/_4493488'	10	10	10	10	1.25	1.5	10	4.39 No	1.25 Thermal Discharging
STY072	369	'4492513_/_4492523'	3.33	3.33	3.33	3.33	0.42	0.5	3.33	1.46 No	0.42 Thermal Discharging
STY072	370	'4488707_/_43524329_2'	3.33	3.33	3.33	3.33	0.42	1	3.33	1.46 No	0.42 Thermal Discharging
STY072	371	'4492348_/_4492358'	3.33	3.33	3.33	3.33	0.42	0.8	3.33	1.46 No	0.42 Thermal Discharging
STY072	372	'4490254_/_4490264_1'	3.33	3.33	3.33	3.33	0.42	0.5	3.33	1.46 No	0.42 Thermal Discharging
STY072	373	'4489948_/_4489946'	3.33	3.33	3.33	3.33	0.42	0.7	3.33	1.46 No	0.42 Thermal Discharging
STY072	374	'4489651_/_4489648'	3.33	3.33	3.33	3.33	0.02	0.2	3.33	2.17 No	0.02 Thermal Discharging
STY072	375	'4511329_/_4511326'	10	10	10	10	1.25	4.5	10	4.39 No	1.25 Thermal Discharging
STY072	376	'50178086_/_50178083'	3.33	3.33	3.33	3.33	0.42	0.5	3.33	1.46 No	0.42 Thermal Discharging
STY072	377	'4540201_/_4540261'	3.33	3.33	3.33	3.33	0.42	1.1	3.33	1.46 No	0.42 Thermal Discharging
STY072	378	'43524605_/_43524607'	3.33	3.33	3.33	3.33	0.02	0.2	3.33	2.17 No	0.02 Thermal Discharging
STY072	379	'4489871_/_4489881'	3.33	3.33	3.33	3.33	0.42	0.7	3.33	1.46 No	0.42 Thermal Discharging
STY072	380	'4489177_/_4489191'	10	10	10	10	1.25	5	10	4.39 No	1.25 Thermal Discharging
STY072	381	'4489664_/_4489661'	3.33	3.33	3.33	3.33	0.02	0.2	3.33	2.17 No	0.02 Thermal Discharging
STY072	382	'4511346_/_4511343'	10	10	10	10	1.25	4.5	10	4.39 No	1.25 Thermal Discharging
STY072	383	'43524327_/_43524329_1'	3.33	3.33	3.33	3.33	0.42	0.5	3.33	1.46 No	0.42 Thermal Discharging
STY072	384	'4490097_/_4490094'	3.33	3.33	3.33	3.33	0.42	0.7	3.33	1.46 No	0.42 Thermal Discharging
STY072	385	'4488784_/_4488782'	3.33	3.33	3.33	3.33	0.42	0.5	3.33	1.46 No	0.42 Thermal Discharging
STY072	386	'43527518_/_4493303'	10	10	10	10	1.25	3.4	10	4.39 No	1.25 Thermal Discharging
STY072	387	'60094567_/_60094550_1'	3.33	3.33	3.33	3.33	0.42	0.2	3.33	1.46 No	0.2 Element Fault
STY072	388	'45053009_/_4539667'	3.33	3.33	3.33	3.33	0.42	0.5	3.33	1.46 No	0.42 Thermal Discharging
STY072	389	'123294582_/_4540198_2'	3.33	3.33	3.33	3.33	0.42	1.1	3.33	1.46 No	0.42 Thermal Discharging
STY072	390	'43524699_/_4490277'	3.33	3.33	3.33	3.33	0.42	0.5	3.33	1.46 No	0.42 Thermal Discharging
STY072	391	'4493107_/_4493105_1'	10	10	10	10	1.25	1.4	10	4.39 No	1.25 Thermal Discharging
STY072	392	'4493562_/_4493559'	3.33	3.33	3.33	3.33	0.42	0.5	3.33	1.46 No	0.42 Thermal Discharging
STY072	393	'43524371_/_4488918'	3.33	3.33	3.33	3.33	0.42	0.7	3.33	1.46 No	0.42 Thermal Discharging
STY072	394	'4488600_/_4489174'	10	10	10	10	1.25	5	10	4.39 No	1.25 Thermal Discharging
STY072	395	'43527963_/_4539650'	10	10	10	10	1.25	1.5	10	4.39 No	1.25 Thermal Discharging
STY072	396	'4492160_/_4492170'	3.33	3.33	3.33	3.33	0.42	0.4	3.33	1.46 No	0.4 Element Fault
STY072	397	'4488587_/_4488584_2'	3.33	3.33	3.33	3.33	0.42	1.1	3.33	1.46 No	0.42 Thermal Discharging
STY072	398	'4492500_/_4492510'	3.33	3.33	3.33	3.33	0.42	0.5	3.33	1.46 No	0.42 Thermal Discharging
STY072	399	'43527346_/_4492413'	3.33	3.33	3.33	3.33	0.42	0.8	3.33	1.46 No	0.42 Thermal Discharging
STY072	400	'4540188_/_4540198_1'	3.33	3.33	3.33	3.33	0.05	1.1	3.33	1.46 No	0.05 Thermal Discharging
STY072	401	'4490241_/_4490251'	3.33	3.33	3.33	3.33	0.42	0.5	3.33	1.46 No	0.42 Thermal Discharging
STY072	402	'4493578_/_4493575'	3.33	3.33	3.33	3.33	0.42	0.5	3.33	1.46 No	0.42 Thermal Discharging
STY072	403	'4488574_/_4488584_1'	3.33	3.33	3.33	3.33	0.42	0.4	3.33	1.46 No	0.4 Element Fault
STY072	404	'4489126_/_4489157'	10	10	10	10	1.25	5	10	4.39 No	1.25 Thermal Discharging
STY072	405	'4489143_/_4489441_1'	10	10	10	10	1.25	1.4	10	4.39 No	1.25 Thermal Discharging
STY072	406	'4489109_/_4489123'	10	10	10	10	1.25	5	10	4.39 No	1.25 Thermal Discharging
STY072	407	'45350059_/_4506196'	3.33	3.33	3.33	3.33	0.02	0.2	3.33	2.17 No	0.02 Thermal Discharging
STY072	408	'4488681_/_4488691'	3.33	3.33	3.33	3.33	0.42	0.5	3.33	1.46 No	0.42 Thermal Discharging
STY072	409	'4493091_/_4493089'	3.33	3.33	3.33	3.33	0.42	0.4	3.33	1.46 No	0.4 Element Fault
STY072	410	'43524338_/_4517241'	3.33	3.33	3.33	3.33	0.42	0.5	3.33	1.46 No	0.42 Thermal Discharging
STY072	411	'43524638_/_43524640'	3.33	3.33	3.33	3.33	0.42	0.7	3.33	1.46 No	0.42 Thermal Discharging
STY072	412	'4489693_/_4489690'	3.33	3.33	3.33	3.33	0.02	0.2	3.33	2.17 No	0.02 Thermal Discharging
STY072	413	'4490293_/_43524701'	3.33	3.33	3.33	3.33	0.42	0.5	3.33	1.46 No	0.42 Thermal Discharging
STY072	414	'4489108_/_4489106'	10	10	10	10	1.25	5	10	4.39 No	1.25 Thermal Discharging
STY072	415	'43527631_/_4493105_2'	10	10	10	10	1.25	1.4	10	4.39 No	1.25 Thermal Discharging
STY072	416	'43524557_/_4489441_2'	10	10	10	10	1.25	1.4	10	4.39 No	1.25 Thermal Discharging
STY072	417	'4491092_/_4491089_1'	3.33	3.33	3.33	3.33	0.42	0.5	3.33	1.46 No	0.42 Thermal Discharging
STY072	418	'4492159_/_4492157'	3.33	3.33	3.33	3.33	0.42	0.4	3.33	1.46 No	0.4 Element Fault
STY072	419	'4492416_/_43527348'	3.33	3.33	3.33	3.33	0.42	0.8	3.33	1.46 No	0.42 Thermal Discharging
STY072	420	'4488895_/_4488905'	3.33	3.33	3.33	3.33	0.42	0.7	3.33	1.46 No	0.42 Thermal Discharging
STY072	421	'43524283_/_43524285'	3.33	3.33	3.33	3.33	0.42	0.4	3.33	1.46 No	0.4 Element Fault
STY072	422	'43524688_/_4490238'	3.33	3.33	3.33	3.33	0.42	0.5	3.33	1.46 No	0.42 Thermal Discharging
STY072	423	'4488493_/_4491089_2'	3.33	3.33	3.33	3.33	0.42	0.5	3.33	1.46 No	0.42 Thermal Discharging
STY072	424	'4490606_/_4490684'	3.33	3.33	3.33	3.33	0.42	0.7	3.33	1.46 No	0.42 Thermal Discharging
STY072	425	'4506347_/_4506345'	10	10	10	10	1.25	1.5	10	4.39 No	1.25 Thermal Discharging
STY072	426	'8585349_/_9219300_1'	3.33	3.33	3.33	3.33	0.42	0.4	3.33	1.46 No	0.4 Element Fault
STY072	427	'4513928_/_4513942'	10	10	10	10	1.25	5	10	4.39 No	1.25 Thermal Discharging
STY072	428	'43529282_/_43529284'	3.33	3.33	3.33	3.33	0.05	1.1	3.33	1.46 No	0.05 Thermal Discharging
STY072	429	'4492474_/_4492497'	3.33	3.33	3.33	3.33	0.42	0.5	3.33	1.46 No	0.42 Thermal Discharging
STY072	430	'4490306_/_4490303'	3.33	3.33	3.33	3.33	0.42	0.5	3.33	1.46 No	0.42 Thermal Discharging
STY072	431	'4540175_/_4540185'	3.33	3.33	3.33	3.33	0.05	1.1	3.33	1.46 No	0.05 Thermal Discharging
STY072	432	'4489719_/_4489716'	3.33	3.33	3.33	3.33	0.02	0.2	3.33	2.17 No	0.02 Thermal Discharging
STY072	433	'4488668_/_4488678'	3.33	3.33	3.33	3.33	0.42	0.5	3.33	1.46 No	0.42 Thermal Discharging
STY072	434	'115038223_/_4490603_3'	3.33	3.33	3.33	3.33	0.42	0.7	3.33	1.46 No	0.42 Thermal Discharging
STY072	435	'4492335_/_4492345'	3.33	3.33	3.33	3.33	0.42	0.8	3.33	1.46 No	0.42 Thermal Discharging
STY072	436	'43524570_/_4491066'	10	10	10	10	1.25	1.4	10	4.39 No	1.25 Thermal Discharging
STY072	437	'4488771_/_4488769'	3.33	3.33	3.33	3.33	0.42	0.5	3.33	1.46 No	0.42 Thermal Discharging
STY072	438	'43524006_/_43524008'	3.33	3.33	3.33	3.33	0.42	0.5	3.33	1.46 No	0.42 Thermal Discharging
STY072	439	'115038260_/_4490603_2'	3.33	3.33	3.33	3.33	0.42	0.5	3.33	1.46 No	0.42 Thermal Discharging
STY072	440	'4464848_/_4513925'	10	10	10	10	1.25	5	10	4.39 No	1.25 Thermal Discharging
STY072	441	'4489870_/_4489868'	3.33	3.33	3.33	3.33	0.42	0.7	3.33	1.46 No	0.42 Thermal Discharging
STY072	442	'405277567_/_4464846_1'	3.33	3.33	3.33	3.33	0.42	0.4	3.33	1.46 No	0.4 Element Fault
STY072	443	'405914721_/_405914691_1'	6.67	6.67	6.67	6.67	0.83	0.8	6.67	2.93 No	0.8 Element Fault
STY072	444	'4492212_/_4492209'	3.33	3.33	3.33	3.33	0.42	0.4	3.33	1.46 No	0.4 Element Fault
STY072	445	'4487546_/_4487543_2'	10	10	10	10	1.25	3.4	10	4.39 No	1.25 Thermal Discharging
STY072	446	'4540162_/_4540172'	3.33	3.33	3.33	3.33	0.05	1.1	3.33	1.46 No	0.05 Thermal Discharging
STY072	447	'43524710_/_4490319'	3.33	3.33	3.33	3.33	0.42	0.5	3.33	1.46 No	0.42 Thermal Discharging
STY072	448	'4464849_/_4464846_2'	3.33	3.33	3.33	3.33	0.42	0.4	3.33	1.46 No	0.4 Element Fault
STY072	449	'4488560_/_4488558'	3.33	3.33	3.33	3.33	0.42	0.4	3.33	1.46 No	0.4 Element Fault
STY072	450	'60094543_/_60094550_2'	3.33	3.33	3.33	3.33	0.42	0.2	3.33	1.46 No	0.2 Element Fault
STY072	451	'4492487_/_4492484'	3.33	3.33	3.33	3.33	0.42	0.5	3.33	1.46 No	0.42 Thermal Discharging
STY072	452	'4488882_/_4488892'	3.33	3.33	3.33	3.33	0.42	0.7	3.33	1.46 No	0.42 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
STY072	453	'4490593_/_4490603_1'	3.33	3.33	3.33	0.42	0.5	3.33	1.46 No	0.42	Thermal Discharging
STY072	454	'4492458_/_4492471'	3.33	3.33	3.33	0.42	0.5	3.33	1.46 No	0.42	Thermal Discharging
STY072	455	'43523925_/_4506029'	10	10	10	1.25	5	10	4.39 No	1.25	Thermal Discharging
STY072	456	'4496520_/_43527633'	10	10	10	1.25	1.4	10	4.39 No	1.25	Thermal Discharging
STY072	457	'4492686_/_4492683'	3.33	3.33	3.33	0.42	0.5	3.33	1.46 No	0.42	Thermal Discharging
STY072	458	'4487794_/_4487791'	3.33	3.33	3.33	0.42	0.4	3.33	1.46 No	0.4	Element Fault
STY072	459	'576072586_/_576072522_1'	3.33	3.33	3.33	0.42	0.3	3.33	1.46 No	0.3	Element Fault
STY072	460	'4491069_/_43524572'	10	10	10	1.25	0.9	10	4.39 No	0.9	Element Fault
STY072	461	'4513383_/_4513420'	3.33	3.33	3.33	0.42	0.4	3.33	1.46 No	0.4	Element Fault
STY072	462	'4489417_/_4491115'	3.33	3.33	3.33	0.42	0.5	3.33	1.46 No	0.42	Thermal Discharging
STY072	463	'4490215_/_4490225'	3.33	3.33	3.33	0.42	0.5	3.33	1.46 No	0.42	Thermal Discharging
STY072	464	'4492225_/_4492222'	3.33	3.33	3.33	0.42	0.4	3.33	1.46 No	0.4	Element Fault
STY072	465	'4505964_/_4505978'	10	10	10	1.25	5	10	4.39 No	1.25	Thermal Discharging
STY072	466	'43524316_/_43524318'	3.33	3.33	3.33	0.42	0.5	3.33	1.46 No	0.42	Thermal Discharging
STY072	467	'4487811_/_4487808'	3.33	3.33	3.33	0.42	0.4	3.33	1.46 No	0.4	Element Fault
STY072	468	'4489732_/_4489729'	3.33	3.33	3.33	0.02	0.2	3.33	2.17 No	0.02	Thermal Discharging
STY072	469	'4517257_/_4517283'	3.33	3.33	3.33	0.42	0.5	3.33	1.46 No	0.42	Thermal Discharging
STY072	470	'4488467_/_4488477'	3.33	3.33	3.33	0.42	0.5	3.33	1.46 No	0.42	Thermal Discharging
STY072	471	'4496249_/_4496246'	3.33	3.33	3.33	0.05	1.1	3.33	1.46 No	0.05	Thermal Discharging
STY072	472	'43528384_/_43528386'	10	10	10	1.25	1.5	10	4.39 No	1.25	Thermal Discharging
STY072	473	'43524627_/_43524629'	3.33	3.33	3.33	0.02	0.2	3.33	2.17 No	0.02	Thermal Discharging
STY072	474	'43524820_/_4490616'	3.33	3.33	3.33	0.42	0.5	3.33	1.46 No	0.42	Thermal Discharging
STY072	475	'9219283_/_9219280'	10	10	10	1.25	0.9	10	4.39 No	0.9	Element Fault
STY072	476	'4506114_/_4517254'	3.33	3.33	3.33	0.42	0.5	3.33	1.46 No	0.42	Thermal Discharging
STY072	477	'43524715_/_43524712'	3.33	3.33	3.33	0.42	0.5	3.33	1.46 No	0.42	Thermal Discharging
STY072	478	'4492322_/_4492332'	3.33	3.33	3.33	0.42	0.8	3.33	1.46 No	0.42	Thermal Discharging
STY072	479	'9219303_/_9219300_2'	3.33	3.33	3.33	0.42	0.4	3.33	1.46 No	0.4	Element Fault
STY072	480	'43523912_/_43523914'	10	10	10	1.25	5	10	4.39 No	1.25	Thermal Discharging
STY072	481	'43524039_/_4487825'	3.33	3.33	3.33	0.42	0.4	3.33	1.46 No	0.4	Element Fault
STY072	482	'4506126_/_4506124'	3.33	3.33	3.33	0.42	0.4	3.33	1.46 No	0.4	Element Fault
STY072	483	'4487828_/_4487842_1'	3.33	3.33	3.33	0.42	0.4	3.33	1.46 No	0.4	Element Fault
STY072	484	'4488869_/_4488879'	3.33	3.33	3.33	0.42	0.7	3.33	1.46 No	0.42	Thermal Discharging
STY072	485	'4492130_/_4513394'	3.33	3.33	3.33	0.42	0.4	3.33	1.46 No	0.4	Element Fault
STY072	486	'4490580_/_4490590'	3.33	3.33	3.33	0.42	0.5	3.33	1.46 No	0.42	Thermal Discharging
STY072	487	'4487529_/_4487543_1'	10	10	10	1.25	1.5	10	4.39 No	1.25	Thermal Discharging
STY072	488	'4506941_/_4506958'	10	10	10	1.25	5	10	4.39 No	1.25	Thermal Discharging
STY072	489	'4487845_/_4487842_2'	3.33	3.33	3.33	0.42	0.4	3.33	1.46 No	0.4	Element Fault
STY072	490	'4489418_/_4489415'	3.33	3.33	3.33	0.42	0.5	3.33	1.46 No	0.42	Thermal Discharging
STY072	491	'4492431_/_4492455'	3.33	3.33	3.33	0.42	0.5	3.33	1.46 No	0.42	Thermal Discharging
STY072	492	'4489096_/_4490212'	3.33	3.33	3.33	0.42	0.5	3.33	1.46 No	0.42	Thermal Discharging
STY072	493	'4492907_/_4540159'	3.33	3.33	3.33	0.05	1.1	3.33	1.46 No	0.05	Thermal Discharging
STY072	494	'651123350_/_651123282_2'	3.33	3.33	3.33	0.42	0.5	3.33	1.46 No	0.42	Thermal Discharging
STY072	495	'4506160_/_4506157'	3.33	3.33	3.33	0.02	0.2	3.33	2.17 No	0.02	Thermal Discharging
STY072	496	'4518047_/_4518075'	10	10	10	1.25	1.5	10	4.39 No	1.25	Thermal Discharging
STY072	497	'4488642_/_4488652'	3.33	3.33	3.33	0.42	0.5	3.33	1.46 No	0.42	Thermal Discharging
STY072	498	'4488454_/_4488464'	3.33	3.33	3.33	0.42	0.5	3.33	1.46 No	0.42	Thermal Discharging
STY072	499	'4464832_/_4506938'	10	10	10	1.25	5	10	4.39 No	1.25	Thermal Discharging
STY072	500	'70128013_/_4487859_1'	3.33	3.33	3.33	0.02	1.53	3.33	2.17 No	0.02	Thermal Discharging
STY072	501	'4489829_/_4489839'	3.33	3.33	3.33	0.02	0.2	3.33	2.17 No	0.02	Thermal Discharging
STY072	502	'4488759_/_4506111'	3.33	3.33	3.33	0.42	0.5	3.33	1.46 No	0.42	Thermal Discharging
STY072	503	'4491893_/_4513381'	3.33	3.33	3.33	0.42	0.4	3.33	1.46 No	0.4	Element Fault
STY072	504	'4490632_/_43524822'	3.33	3.33	3.33	0.42	0.5	3.33	1.46 No	0.42	Thermal Discharging
STY072	505	'43523899_/_4464829'	10	10	10	1.25	5	10	4.39 No	1.25	Thermal Discharging
STY072	506	'43524272_/_4539181'	3.33	3.33	3.33	0.42	0.4	3.33	1.46 No	0.4	Element Fault
STY072	507	'43528408_/_4518062'	3.33	3.33	3.33	0.42	0.5	3.33	1.46 No	0.42	Thermal Discharging
STY072	508	'43524360_/_4488866'	3.33	3.33	3.33	0.42	0.7	3.33	1.46 No	0.42	Thermal Discharging
STY072	509	'4518048_/_4518045'	10	10	10	1.25	1.5	10	4.39 No	1.25	Thermal Discharging
STY072	510	'4496465_/_4496517'	10	10	10	1.25	1.4	10	4.39 No	1.25	Thermal Discharging
STY072	511	'4489431_/_4489428'	3.33	3.33	3.33	0.42	0.5	3.33	1.46 No	0.42	Thermal Discharging
STY072	512	'43528371_/_43528373'	10	10	10	1.25	1.5	10	4.39 No	1.25	Thermal Discharging
STY072	513	'4487512_/_4487526'	10	10	10	1.25	1.5	10	4.39 No	1.25	Thermal Discharging
STY072	514	'4492131_/_4492128'	3.33	3.33	3.33	0.42	0.4	3.33	1.46 No	0.4	Element Fault
STY072	515	'43529293_/_4496259'	3.33	3.33	3.33	0.05	1.1	3.33	1.46 No	0.05	Thermal Discharging
STY072	516	'258301496_/_9533830_1'	10	10	10	1.25	0.9	10	4.39 No	0.9	Element Fault
STY072	517	'43524809_/_4490577'	3.33	3.33	3.33	0.42	0.5	3.33	1.46 No	0.42	Thermal Discharging
STY072	518	'4487616_/_4487626_1'	3.33	3.33	3.33	0.42	0.3	3.33	1.46 No	0.3	Element Fault
STY072	519	'4464798_/_4464812'	10	10	10	1.25	5	10	4.39 No	1.25	Thermal Discharging
STY072	520	'4506173_/_4506170'	3.33	3.33	3.33	0.02	0.2	3.33	2.17 No	0.02	Thermal Discharging
STY072	521	'9533833_/_9533830_2'	10	10	10	1.25	0.9	10	4.39 No	0.9	Element Fault
STY072	522	'651123210_/_651123282_1'	3.33	3.33	3.33	0.42	0.3	3.33	1.46 No	0.3	Element Fault
STY072	523	'4489083_/_4489093'	3.33	3.33	3.33	0.42	0.5	3.33	1.46 No	0.42	Thermal Discharging
STY072	524	'4490645_/_4490642'	3.33	3.33	3.33	0.42	0.5	3.33	1.46 No	0.42	Thermal Discharging
STY072	525	'4488629_/_4488639'	3.33	3.33	3.33	0.42	0.5	3.33	1.46 No	0.42	Thermal Discharging
STY072	526	'43527357_/_4492429'	3.33	3.33	3.33	0.42	0.5	3.33	1.46 No	0.42	Thermal Discharging
STY072	527	'60094588_/_60094595'	3.33	3.33	3.33	0.42	0.2	3.33	1.46 No	0.2	Element Fault
STY072	528	'4489813_/_4489826'	3.33	3.33	3.33	0.02	0.2	3.33	2.17 No	0.02	Thermal Discharging
STY072	529	'43530844_/_4488756'	3.33	3.33	3.33	0.42	0.5	3.33	1.46 No	0.42	Thermal Discharging
STY072	530	'4464781_/_4464795'	10	10	10	1.25	5	10	4.39 No	1.25	Thermal Discharging
STY072	531	'4517950_/_4517992'	10	10	10	1.25	1.5	10	4.39 No	1.25	Thermal Discharging
STY072	532	'43523995_/_43523997'	3.33	3.33	3.33	0.42	0.5	3.33	1.46 No	0.42	Thermal Discharging
STY072	533	'258301766_/_258301599'	10	10	10	1.25	0.9	10	4.39 No	0.9	Element Fault
STY072	534	'476671241_/_476671203_1'	10	10	10	1.25	0.9	10	4.39 No	0.9	Element Fault
STY072	535	'4492894_/_63844341'	3.33	3.33	3.33	0.05	1.1	3.33	1.46 No	0.05	Thermal Discharging
STY072	536	'43528397_/_43528410'	3.33	3.33	3.33	0.42	0.5	3.33	1.46 No	0.42	Thermal Discharging
STY072	537	'43527507_/_43527509'	3.33	3.33	3.33	0.05	1.1	3.33	1.46 No	0.05	Thermal Discharging
STY072	538	'4488548_/_4539168'	3.33	3.33	3.33	0.42	0.4	3.33	1.46 No	0.4	Element Fault
STY072	539	'4487629_/_4487626_2'	3.33	3.33	3.33	0.42	0.3	3.33	1.46 No	0.3	Element Fault
STY072	540	'4492309_/_4492319'	3.33	3.33	3.33	0.42	0.8	3.33	1.46 No	0.42	Thermal Discharging
STY072	541	'43523886_/_4464778'	10	10	10	1.25	5	10	4.39 No	1.25	Thermal Discharging
STY072	542	'43524831_/_4490655'	3.33	3.33	3.33	0.42	0.5	3.33	1.46 No	0.42	Thermal Discharging
STY072	543	'4492144_/_4492141'	3.33	3.33	3.33	0.42	0.4	3.33	1.46 No	0.4	Element Fault
STY072	544	'7960246_/_258301580'	10	10	10	1.25	0.9	10	4.39 No	0.9	Element Fault
STY072	545	'4491894_/_4491891'	3.33	3.33	3.33	0.42	0.4	3.33	1.46 No	0.4	Element Fault
STY072	546	'4492946_/_4492956'	3.33	3.33	3.33	0.05	1.1	3.33	1.46 No	0.05	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
STY072	547	'4464744_/_4464761'		10	10	10	1.25	5	10	4.39 No	1.25 Thermal Discharging
STY072	548	'4488840_/_4488850'		3.33	3.33	3.33	0.42	0.7	3.33	1.46 No	0.42 Thermal Discharging
STY072	549	'4487492_/_4487509'		10	10	10	1.25	1.5	10	4.39 No	1.25 Thermal Discharging
STY072	550	'4490554_/_4490564'		3.33	3.33	3.33	0.42	0.5	3.33	1.46 No	0.42 Thermal Discharging
STY072	551	'4464724_/_4464741'		10	10	10	1.25	5	10	4.39 No	1.25 Thermal Discharging
STY072	552	'43524426_/_4489080'		3.33	3.33	3.33	0.42	0.5	3.33	1.46 No	0.42 Thermal Discharging
STY072	553	'43524305_/_4488626'		3.33	3.33	3.33	0.42	0.5	3.33	1.46 No	0.42 Thermal Discharging
STY072	554	'4489744_/_4506183'		2.5	3.33	3.33	0.02	0.2	3.33	2.17 No	0.02 Thermal Discharging
STY072	555	'4492445_/_43527359'		3.33	3.33	3.33	0.42	0.5	3.33	1.46 No	0.42 Thermal Discharging
STY072	556	'4488535_/_4488545'		3.33	3.33	3.33	0.42	0.4	3.33	1.46 No	0.4 Element Fault
STY072	557	'4496275_/_4496272'		3.33	3.33	3.33	0.05	1.1	3.33	1.46 No	0.05 Thermal Discharging
STY072	558	'4492400_/_4492397'		3.33	3.33	3.33	0.42	0.8	3.33	1.46 No	0.42 Thermal Discharging
STY072	559	'4492971_/_63844322'		3.33	3.33	3.33	0.05	1.1	3.33	1.46 No	0.05 Thermal Discharging
STY072	560	'4538446_/_4538443'		3.33	3.33	3.33	0.42	0.4	3.33	1.46 No	0.4 Element Fault
STY072	561	'4487713_/_4487710'		3.33	3.33	3.33	0.42	0.3	3.33	1.46 No	0.3 Element Fault
STY072	562	'4488428_/_4488438'		3.33	3.33	3.33	0.42	0.5	3.33	1.46 No	0.42 Thermal Discharging
STY072	563	'43524616_/_4489810'		2.33	3.33	3.33	0.02	0.2	3.33	2.17 No	0.02 Thermal Discharging
STY072	564	'4488733_/_4488743'		3.33	3.33	3.33	0.42	0.5	3.33	1.46 No	0.42 Thermal Discharging
STY072	565	'4492881_/_4492891'		3.33	3.33	3.33	0.05	1.1	3.33	1.46 No	0.05 Thermal Discharging
STY072	566	'43524836_/_43524833'		3.33	3.33	3.33	0.42	0.5	3.33	1.46 No	0.42 Thermal Discharging
STY072	567	'4517949_/_4517947'		3.33	3.33	3.33	0.42	0.5	3.33	1.46 No	0.42 Thermal Discharging
STY072	568	'4464707_/_4464721'		10	10	10	1.25	5	10	4.39 No	1.25 Thermal Discharging
STY072	569	'4489745_/_4489742'		2.17	3.33	3.33	0.02	0.2	3.33	2.17 No	0.02 Thermal Discharging
STY072	570	'4496466_/_4496463'		10	10	10	1.25	1.4	10	4.39 No	1.25 Thermal Discharging
STY072	571	'427038245_/_427038264'		10	10	10	1.25	0.9	10	4.39 No	0.9 Element Fault
STY072	572	'4464687_/_4464704'		10	10	10	1.25	5	10	4.39 No	1.25 Thermal Discharging
STY072	573	'4464895_/_4464892_2'		3.33	3.33	3.33	0.42	1	3.33	1.46 No	0.42 Thermal Discharging
STY072	574	'4487726_/_4487723'		3.33	3.33	3.33	0.42	0.3	3.33	1.46 No	0.3 Element Fault
STY072	575	'4517979_/_4517976'		3.33	3.33	3.33	0.42	0.5	3.33	1.46 No	0.42 Thermal Discharging
STY072	576	'43524261_/_4488532'		3.33	3.33	3.33	0.42	0.4	3.33	1.46 No	0.4 Element Fault
STY072	577	'4492945_/_4492943'		3.33	3.33	3.33	0.05	1.1	3.33	1.46 No	0.05 Thermal Discharging
STY072	578	'4488827_/_4488837'		3.33	3.33	3.33	0.42	0.7	3.33	1.46 No	0.42 Thermal Discharging
STY072	579	'7305068_/_8902390_1'		3.33	3.33	3.33	0.42	0.3	3.33	1.46 No	0.3 Element Fault
STY072	580	'476671187_/_476671203_2'		10	10	10	1.25	0.9	10	4.39 No	0.9 Element Fault
STY072	581	'4487491_/_4487489'		10	10	10	1.25	1.5	10	4.39 No	1.25 Thermal Discharging
STY072	582	'4488415_/_4488425'		3.33	3.33	3.33	0.42	0.5	3.33	1.46 No	0.42 Thermal Discharging
STY072	583	'4464686_/_4464684'		10	10	10	1.25	5	10	4.39 No	1.25 Thermal Discharging
STY072	584	'4490553_/_4490551'		3.33	3.33	3.33	0.42	0.5	3.33	1.46 No	0.42 Thermal Discharging
STY072	585	'4489057_/_4489067'		3.33	3.33	3.33	0.42	0.5	3.33	1.46 No	0.42 Thermal Discharging
STY072	586	'4496141_/_4503195'		3.33	3.33	3.33	0.05	1.1	3.33	1.46 No	0.05 Thermal Discharging
STY072	587	'4487583_/_4487580'		3.33	3.33	3.33	0.42	0.5	3.33	1.46 No	0.42 Thermal Discharging
STY072	588	'4488732_/_4488730'		3.33	3.33	3.33	0.42	0.5	3.33	1.46 No	0.42 Thermal Discharging
STY072	589	'4488615_/_4488613'		3.33	3.33	3.33	0.42	0.5	3.33	1.46 No	0.42 Thermal Discharging
STY072	590	'4464671_/_4464668_2'		3.33	3.33	3.33	0.42	1	3.33	1.46 No	0.42 Thermal Discharging
STY072	591	'9219441_/_651123159'		3.33	3.33	3.33	0.42	0.3	3.33	1.46 No	0.3 Element Fault
STY072	592	'4490787_/_4490801'		10	10	10	1.25	5	10	4.39 No	1.25 Thermal Discharging
STY072	593	'60094611_/_60094618'		3.33	3.33	3.33	0.42	0.2	3.33	1.46 No	0.2 Element Fault
STY072	594	'43524615_/_4489797'		1.87	3.33	3.33	0.02	0.2	3.33	2.17 No	0.02 Thermal Discharging
STY072	595	'4517192_/_4517190'		10	10	10	1.25	1.5	10	4.39 No	1.25 Thermal Discharging
STY072	596	'43529304_/_4496285'		3.33	3.33	3.33	0.05	1.1	3.33	1.46 No	0.05 Thermal Discharging
STY072	597	'4517965_/_4517963'		3.33	3.33	3.33	0.42	0.5	3.33	1.46 No	0.42 Thermal Discharging
STY072	598	'43524349_/_4488824'		3.33	3.33	3.33	0.42	0.7	3.33	1.46 No	0.42 Thermal Discharging
STY072	599	'4489758_/_4489755'		1.83	3.33	3.33	0.02	0.2	3.33	2.17 No	0.02 Thermal Discharging
STY072	600	'4490786_/_4490784'		10	10	10	1.25	5	10	4.39 No	1.25 Thermal Discharging
STY072	601	'4487739_/_4487736'		3.33	3.33	3.33	0.42	0.3	3.33	1.46 No	0.3 Element Fault
STY072	602	'4464879_/_4464892_1'		3.33	3.33	3.33	0.42	0.5	3.33	1.46 No	0.42 Thermal Discharging
STY072	603	'43527298_/_4492306'		3.33	3.33	3.33	0.42	0.8	3.33	1.46 No	0.42 Thermal Discharging
STY072	604	'4488521_/_4488519'		3.33	3.33	3.33	0.42	0.4	3.33	1.46 No	0.4 Element Fault
STY072	605	'43523849_/_4540721'		10	10	10	1.25	5	10	4.39 No	1.25 Thermal Discharging
STY072	606	'43523984_/_4488412'		3.33	3.33	3.33	0.42	0.5	3.33	1.46 No	0.42 Thermal Discharging
STY072	607	'4492880_/_4492878'		3.33	3.33	3.33	0.05	1.1	3.33	1.46 No	0.05 Thermal Discharging
STY072	608	'4513902_/_4513912'		3.33	3.33	3.33	0.42	0.5	3.33	1.46 No	0.42 Thermal Discharging
STY072	609	'4464658_/_4464668_1'		3.33	3.33	3.33	0.42	0.4	3.33	1.46 No	0.4 Element Fault
STY072	610	'4489044_/_4489054'		3.33	3.33	3.33	0.42	0.5	3.33	1.46 No	0.42 Thermal Discharging
STY072	611	'43524294_/_4506095'		3.33	3.33	3.33	0.42	0.5	3.33	1.46 No	0.42 Thermal Discharging
STY072	612	'4496155_/_4496139'		3.33	3.33	3.33	0.05	1.1	3.33	1.46 No	0.05 Thermal Discharging
STY072	613	'4493858_/_4503182'		3.33	3.33	3.33	0.05	1.1	3.33	1.46 No	0.05 Thermal Discharging
STY072	614	'4487359_/_4487356'		3.33	3.33	3.33	0.42	0.5	3.33	1.46 No	0.42 Thermal Discharging
STY072	615	'4517226_/_43523962'		10	10	10	1.25	1.5	10	4.39 No	1.25 Thermal Discharging
STY072	616	'43523862_/_43523851'		10	10	10	1.25	5	10	4.39 No	1.25 Thermal Discharging
STY072	617	'43524348_/_4488808'		3.33	3.33	3.33	0.42	0.7	3.33	1.46 No	0.42 Thermal Discharging
STY072	618	'8275811_/_576072522_2'		3.33	3.33	3.33	0.42	0.3	3.33	1.46 No	0.3 Element Fault
STY072	619	'43527495_/_43527497'		3.33	3.33	3.33	0.05	1.1	3.33	1.46 No	0.05 Thermal Discharging
STY072	620	'4492920_/_4492930'		3.33	3.33	3.33	0.05	1.1	3.33	1.46 No	0.05 Thermal Discharging
STY072	621	'8275882_/_8902390_2'		3.33	3.33	3.33	0.42	0.3	3.33	1.46 No	0.3 Element Fault
STY072	622	'4489771_/_4489768'		1.6	3.33	3.33	0.02	0.2	3.33	2.17 No	0.02 Thermal Discharging
STY072	623	'4496301_/_43529306'		3.33	3.33	3.33	0.05	1.1	3.33	1.46 No	0.05 Thermal Discharging
STY072	624	'43524017_/_4487749'		3.33	3.33	3.33	0.42	0.3	3.33	1.46 No	0.3 Element Fault
STY072	625	'4540741_/_43523864'		10	10	10	1.25	5	10	4.39 No	1.25 Thermal Discharging
STY072	626	'43529448_/_4496480'		10	10	10	1.25	1.4	10	4.39 No	1.25 Thermal Discharging
STY072	627	'43524546_/_4513899'		3.33	3.33	3.33	0.42	0.5	3.33	1.46 No	0.42 Thermal Discharging
STY072	628	'4496197_/_4496194'		3.33	3.33	3.33	0.05	1.1	3.33	1.46 No	0.05 Thermal Discharging
STY072	629	'4506069_/_4506079'		3.33	3.33	3.33	0.42	0.4	3.33	1.46 No	0.4 Element Fault
STY072	630	'4487372_/_4487369'		3.33	3.33	3.33	0.42	0.5	3.33	1.46 No	0.42 Thermal Discharging
STY072	631	'4464866_/_4464876'		3.33	3.33	3.33	0.42	0.5	3.33	1.46 No	0.42 Thermal Discharging
STY072	632	'4488274_/_4540755'		10	10	10	1.25	5	10	4.39 No	1.25 Thermal Discharging
STY072	633	'4464657_/_4464655'		3.33	3.33	3.33	0.42	0.4	3.33	1.46 No	0.4 Element Fault
STY072	634	'43524415_/_4489041'		3.33	3.33	3.33	0.42	0.5	3.33	1.46 No	0.42 Thermal Discharging
STY072	635	'4488389_/_4488399'		3.33	3.33	3.33	0.42	0.5	3.33	1.46 No	0.42 Thermal Discharging
STY072	636	'4488275_/_4488272'		10	10	10	1.25	5	10	4.39 No	1.25 Thermal Discharging
STY072	637	'43524293_/_4507155'		3.33	3.33	3.33	0.42	0.5	3.33	1.46 No	0.42 Thermal Discharging
STY072	638	'4464865_/_4464863'		3.33	3.33	3.33	0.42	0.5	3.33	1.46 No	0.42 Thermal Discharging
STY072	639	'7304780_/_61367530'		3.33	3.33	3.33	0.42	0.3	3.33	1.46 No	0.3 Element Fault
STY072	640	'4489787_/_4489784'		1.47	3.33	3.33	0.02	0.2	3.33	2.17 No	0.02 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
STY072	641	'4492919_/_4492917'	3.33	3.33	3.33	0.05	1.1	3.33	1.46 No	0.05	Thermal Discharging
STY072	642	'4493845_/_4493855'	3.33	3.33	3.33	0.05	1.1	3.33	1.46 No	0.05	Thermal Discharging
STY072	643	'4490844_/_4490854_1'	3.33	3.33	3.33	0.42	0.4	3.33	1.46 No	0.4	Element Fault
STY072	644	'4487768_/_43524019'	3.33	3.33	3.33	0.42	0.3	3.33	1.46 No	0.3	Element Fault
STY072	645	'4496168_/_4496165'	3.33	3.33	3.33	0.05	1.1	3.33	1.46 No	0.05	Thermal Discharging
STY072	646	'490182330_/_8275880'	3.33	3.33	3.33	0.42	0.3	3.33	1.46 No	0.3	Element Fault
STY072	647	'43529350_/_4496311'	3.33	3.33	3.33	0.05	1.1	3.33	1.46 No	0.05	Thermal Discharging
STY072	648	'4489389_/_4489399'	3.33	3.33	3.33	0.42	0.5	3.33	1.46 No	0.42	Thermal Discharging
STY072	649	'4490823_/_4490821'	10	10	10	1.25	5	10	4.39 No	1.25	Thermal Discharging
STY072	650	'43528491_/_4540329'	3.33	3.33	3.33	0.05	1.1	3.33	1.46 No	0.05	Thermal Discharging
STY072	651	'43529271_/_4496327'	3.33	3.33	3.33	0.05	1.1	3.33	1.46 No	0.05	Thermal Discharging
STY072	652	'4493939_/_4493949'	3.33	3.33	3.33	0.05	1.1	3.33	1.46 No	0.05	Thermal Discharging
STY072	653	'43523938_/_4487382'	3.33	3.33	3.33	0.42	0.5	3.33	1.46 No	0.42	Thermal Discharging
STY072	654	'4490857_/_4490854_2'	3.33	3.33	3.33	0.42	0.4	3.33	1.46 No	0.4	Element Fault
STY072	655	'4496210_/_4496207'	3.33	3.33	3.33	0.05	1.1	3.33	1.46 No	0.05	Thermal Discharging
STY072	656	'43524250_/_43524252'	3.33	3.33	3.33	0.42	0.4	3.33	1.46 No	0.4	Element Fault
STY072	657	'4488373_/_4488386'	3.33	3.33	3.33	0.42	0.5	3.33	1.46 No	0.42	Thermal Discharging
STY072	658	'468049361_/_43529273_1'	3.33	3.33	3.33	0.05	0.1	3.33	1.46 No	0.05	Thermal Discharging
STY072	659	'43524028_/_4491024'	3.33	3.33	3.33	0.42	0.3	3.33	1.46 No	0.3	Element Fault
STY072	660	'4489376_/_4489386'	2.23	3.33	3.33	0.42	0.5	3.33	1.46 No	0.42	Thermal Discharging
STY072	661	'4489018_/_4489028'	2.2	3.33	3.33	0.42	0.5	3.33	1.46 No	0.42	Thermal Discharging
STY072	662	'4496314_/_43529352'	3.33	3.33	3.33	0.05	1.1	3.33	1.46 No	0.05	Thermal Discharging
STY072	663	'8275883_/_490182352'	3.33	3.33	3.33	0.42	0.3	3.33	1.46 No	0.3	Element Fault
STY072	664	'4493832_/_4493842'	3.33	3.33	3.33	0.05	1.1	3.33	1.46 No	0.05	Thermal Discharging
STY072	665	'7641127_/_651123181'	3.33	3.33	3.33	0.42	0.3	3.33	1.46 No	0.3	Element Fault
STY072	666	'4490870_/_4490867'	3.33	3.33	3.33	0.42	0.4	3.33	1.46 No	0.4	Element Fault
STY072	667	'7305011_/_9533794'	3.33	3.33	3.33	0.42	0.3	3.33	1.46 No	0.3	Element Fault
STY072	668	'43529249_/_4496178'	3.33	3.33	3.33	0.05	1.1	3.33	1.46 No	0.05	Thermal Discharging
STY072	669	'45250907_/_4487778'	2.53	3.33	3.33	0.42	0.3	3.33	1.46 No	0.3	Element Fault
STY072	670	'4496223_/_4496220'	3.33	3.33	3.33	0.05	1.1	3.33	1.46 No	0.05	Thermal Discharging
STY072	671	'43524535_/_4489373'	2	3.33	3.33	0.42	0.5	3.33	1.46 No	0.42	Thermal Discharging
STY072	672	'4493938_/_4493936'	3.33	3.33	3.33	0.05	1.1	3.33	1.46 No	0.05	Thermal Discharging
STY072	673	'4514065_/_4514078'	3.33	3.33	3.33	0.42	0.8	3.33	1.46 No	0.42	Thermal Discharging
STY072	674	'45151591_/_4488503'	3.33	3.33	3.33	0.42	0.4	3.33	1.46 No	0.4	Element Fault
STY072	675	'43524228_/_4490880'	3.33	3.33	3.33	0.42	0.4	3.33	1.46 No	0.4	Element Fault
STY072	676	'43523973_/_43523975'	3.33	3.33	3.33	0.42	0.5	3.33	1.46 No	0.42	Thermal Discharging
STY072	677	'43528502_/_43528504'	3.33	3.33	3.33	0.05	1.1	3.33	1.46 No	0.05	Thermal Discharging
STY072	678	'4487397_/_43523940'	3.33	3.33	3.33	0.42	0.5	3.33	1.46 No	0.42	Thermal Discharging
STY072	679	'4489005_/_4489015'	1.87	3.33	3.33	0.42	0.5	3.33	1.46 No	0.42	Thermal Discharging
STY072	680	'156920064_/_9219674'	3.33	3.33	3.33	0.42	0.3	3.33	1.46 No	0.3	Element Fault
STY072	681	'4496342_/_43529273_2'	3.33	3.33	3.33	0.05	0.1	3.33	1.46 No	0.05	Thermal Discharging
STY072	682	'43524534_/_4489357'	1.8	3.33	3.33	0.42	0.5	3.33	1.46 No	0.42	Thermal Discharging
STY072	683	'43529238_/_4496233'	3.33	3.33	3.33	0.05	1.1	3.33	1.46 No	0.05	Thermal Discharging
STY072	684	'45052156_/_4488357'	3.33	3.33	3.33	0.42	0.5	3.33	1.46 No	0.42	Thermal Discharging
STY072	685	'7305012_/_8585714'	2.53	3.33	3.33	0.42	0.3	3.33	1.46 No	0.3	Element Fault
STY072	686	'4487398_/_4487395'	3.33	3.33	3.33	0.42	0.5	3.33	1.46 No	0.42	Thermal Discharging
STY072	687	'4492118_/_4514062'	3.33	3.33	3.33	0.42	0.8	3.33	1.46 No	0.42	Thermal Discharging
STY072	688	'4493819_/_4493829'	3.33	3.33	3.33	0.05	1.1	3.33	1.46 No	0.05	Thermal Discharging
STY072	689	'4496181_/_43529251'	3.33	3.33	3.33	0.05	1.1	3.33	1.46 No	0.05	Thermal Discharging
STY072	690	'43530750_/_4505780'	3.33	3.33	3.33	0.05	1.1	3.33	1.46 No	0.05	Thermal Discharging
STY072	691	'7326254_/_7641124'	3.33	3.33	3.33	0.42	0.3	3.33	1.46 No	0.3	Element Fault
STY072	692	'4490896_/_43524230'	3.33	3.33	3.33	0.42	0.4	3.33	1.46 No	0.4	Element Fault
STY072	693	'43524404_/_4489002'	1.63	3.33	3.33	0.42	0.5	3.33	1.46 No	0.42	Thermal Discharging
STY072	694	'4493884_/_4493894'	3.33	3.33	3.33	0.05	1.1	3.33	1.46 No	0.05	Thermal Discharging
STY072	695	'7304779_/_374541839'	3.33	3.33	3.33	0.42	0.3	3.33	1.46 No	0.3	Element Fault
STY072	696	'4540290_/_4540303'	3.33	3.33	3.33	0.05	1.1	3.33	1.46 No	0.05	Thermal Discharging
STY072	697	'4487424_/_4487421'	2.53	3.33	3.33	0.42	0.5	3.33	1.46 No	0.42	Thermal Discharging
STY072	698	'43529260_/_4496340'	3.33	3.33	3.33	0.05	0.1	3.33	1.46 No	0.05	Thermal Discharging
STY072	699	'4493647_/_4514091'	3.33	3.33	3.33	0.42	0.8	3.33	1.46 No	0.42	Thermal Discharging
STY072	700	'4513358_/_4513355'	3.33	3.33	3.33	0.05	1.1	3.33	1.46 No	0.05	Thermal Discharging
STY072	701	'4540289_/_4540287'	3.33	3.33	3.33	0.05	1.1	3.33	1.46 No	0.05	Thermal Discharging
STY072	702	'4540319_/_7326623_2'	3.33	3.33	3.33	0.05	1.1	3.33	1.46 No	0.05	Thermal Discharging
STY072	703	'4493923_/_4505767'	3.33	3.33	3.33	0.05	1.1	3.33	1.46 No	0.05	Thermal Discharging
STY072	704	'4490909_/_4490906'	2.1	3.33	3.33	0.42	0.4	3.33	1.46 No	0.4	Element Fault
STY072	705	'541978109_/_541978013_1'	3.33	3.33	3.33	0.42	0.5	3.33	1.46 No	0.42	Thermal Discharging
STY072	706	'4488973_/_4488986'	1.5	3.33	3.33	0.42	0.5	3.33	1.46 No	0.42	Thermal Discharging
STY072	707	'4493806_/_4493816'	3.33	3.33	3.33	0.05	1.1	3.33	1.46 No	0.05	Thermal Discharging
STY072	708	'43527263_/_43527265'	3.33	3.33	3.33	0.42	0.8	3.33	1.46 No	0.42	Thermal Discharging
STY072	709	'4493910_/_4493920'	3.33	3.33	3.33	0.05	1.1	3.33	1.46 No	0.05	Thermal Discharging
STY072	710	'4493871_/_4493881'	3.33	3.33	3.33	0.05	1.1	3.33	1.46 No	0.05	Thermal Discharging
STY072	711	'4487437_/_4487434'	1.9	3.33	3.33	0.42	0.5	3.33	1.46 No	0.42	Thermal Discharging
STY072	712	'4513371_/_4513368'	3.33	3.33	3.33	0.05	1.1	3.33	1.46 No	0.05	Thermal Discharging
STY072	713	'4488959_/_4488970'	1.43	3.33	3.33	0.42	0.5	3.33	1.46 No	0.42	Thermal Discharging
STY072	714	'4518109_/_4518106'	1.87	3.33	3.33	0.42	0.5	3.33	1.46 No	0.42	Thermal Discharging
STY072	715	'43528031_/_43528033'	3.33	3.33	3.33	0.05	1.1	3.33	1.46 No	0.05	Thermal Discharging
STY072	716	'4493909_/_8902126_1'	3.33	3.33	3.33	0.05	0.1	3.33	1.46 No	0.05	Thermal Discharging
STY072	717	'4539499_/_4539496'	3.33	3.33	3.33	0.05	1.1	3.33	1.46 No	0.05	Thermal Discharging
STY072	718	'43524393_/_4488957'	1.37	3.33	3.33	0.42	0.5	3.33	1.46 No	0.42	Thermal Discharging
STY072	719	'4487453_/_4487450'	1.77	3.33	3.33	0.42	0.5	3.33	1.46 No	0.42	Thermal Discharging
STY072	720	'4492104_/_4492102'	3.33	3.33	3.33	0.42	0.8	3.33	1.46 No	0.42	Thermal Discharging
STY072	721	'4496343_/_43529262'	3.33	3.33	3.33	0.05	0.1	3.33	1.46 No	0.05	Thermal Discharging
STY072	722	'7326253_/_7326251'	3.33	3.33	3.33	0.42	0.3	3.33	1.46 No	0.3	Element Fault
STY072	723	'7912108_/_7912105'	1.67	3.33	3.33	0.42	0.3	3.33	1.46 No	0.3	Element Fault
STY072	724	'4493870_/_4493868'	3.33	3.33	3.33	0.05	1.1	3.33	1.46 No	0.05	Thermal Discharging
STY072	725	'4493793_/_4493803'	3.33	3.33	3.33	0.05	1.1	3.33	1.46 No	0.05	Thermal Discharging
STY072	726	'4541538_/_4541535'	1.63	3.33	3.33	0.42	0.5	3.33	1.46 No	0.42	Thermal Discharging
STY072	727	'4507429_/_4507524'	3.33	3.33	3.33	0.42	0.8	3.33	1.46 No	0.42	Thermal Discharging
STY072	728	'43523949_/_4490755'	1.6	3.33	3.33	0.42	0.5	3.33	1.46 No	0.42	Thermal Discharging
STY072	729	'4493780_/_4493790'	3.33	3.33	3.33	0.05	1.1	3.33	1.46 No	0.05	Thermal Discharging
STY072	730	'7326626_/_7326623_1'	3.33	3.33	3.33	0.05	0.1	3.33	1.46 No	0.05	Thermal Discharging
STY072	731	'7304764_/_374541711'	3.33	3.33	3.33	0.42	0.3	3.33	1.46 No	0.3	Element Fault
STY072	732	'7641403_/_541978013_2'	2.13	3.33	3.33	0.42	0.5	3.33	1.46 No	0.42	Thermal Discharging
STY072	733	'4493631_/_4493644'	1.97	3.33	3.33	0.42	0.8	3.33	1.46 No	0.42	Thermal Discharging
STY072	734	'4487465_/_4490739'	1.5	3.33	3.33	0.42	0.5	3.33	1.46 No	0.42	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
STY072	735	'43531362_/4507427'		2.3	3.33	3.33	0.42	0.8	3.33	1.46 No	0.42 Thermal Discharging
STY072	736	'7326238_/50227353'		3.33	3.33	3.33	0.42	0.3	3.33	1.46 No	0.3 Element Fault
STY072	737	'8902129_/8902126_2'		3.33	3.33	3.33	0.05	0.1	3.33	1.46 No	0.05 Thermal Discharging
STY072	738	'4487466_/4487463'		1.4	3.33	3.33	0.42	0.5	3.33	1.46 No	0.42 Thermal Discharging
STY072	739	'4493767_/4493777'		3.33	3.33	3.33	0.05	1.1	3.33	1.46 No	0.05 Thermal Discharging
STY072	740	'4507417_/43531364'		2.03	3.33	3.33	0.42	0.8	3.33	1.46 No	0.42 Thermal Discharging
STY072	741	'7304763_/374541700'		2.2	3.33	3.33	0.42	0.3	3.33	1.46 No	0.3 Element Fault
STY072	742	'4505938_/4505935'		1.3	3.33	3.33	0.42	0.5	3.33	1.46 No	0.42 Thermal Discharging
STY072	743	'43528020_/4493764'		3.33	3.33	3.33	0.05	1.1	3.33	1.46 No	0.05 Thermal Discharging
STY072	744	'4507443_/4507440'		1.87	3.33	3.33	0.42	0.8	3.33	1.46 No	0.42 Thermal Discharging
STY072	745	'4493630_/4493628'		1.57	3.33	3.33	0.42	0.8	3.33	1.46 No	0.42 Thermal Discharging
STY072	746	'4487478_/4505948'		1.2	3.33	3.33	0.42	0.5	3.33	1.46 No	0.42 Thermal Discharging
STY072	747	'4493738_/4493748'		3.33	3.33	3.33	0.05	1.1	3.33	1.46 No	0.05 Thermal Discharging
STY072	748	'7641402_/508725516'		1.53	3.33	3.33	0.42	0.5	3.33	1.46 No	0.42 Thermal Discharging
STY072	749	'4507468_/4507453'		1.7	3.33	3.33	0.42	0.8	3.33	1.46 No	0.42 Thermal Discharging
STY072	750	'43528009_/43528011'		2.37	3.33	3.33	0.05	1.1	3.33	1.46 No	0.05 Thermal Discharging
STY072	751	'4493737_/7304745_1'		2.37	3.33	3.33	0.05	0.1	3.33	1.46 No	0.05 Thermal Discharging
STY072	752	'4487479_/4487476'		1.13	3.33	3.33	0.42	0.5	3.33	1.46 No	0.42 Thermal Discharging
STY072	753	'359005441_/7304745_2'		1.97	3.33	3.33	0.05	0.1	3.33	1.46 No	0.05 Thermal Discharging
STY072	754	'4507469_/4507466'		1.6	3.33	3.33	0.42	0.8	3.33	1.46 No	0.42 Thermal Discharging
STY072	755	'4541229_/4541226'		1.53	3.33	3.33	0.42	0.8	3.33	1.46 No	0.42 Thermal Discharging
STY072	756	'4507495_/4507492'		1.53	3.33	3.33	0.42	0.8	3.33	1.46 No	0.42 Thermal Discharging
STY072	757	'4507959_/4507957'		1.3	3.33	3.33	0.42	0.8	3.33	1.46 No	0.42 Thermal Discharging
STY072	758	'43531373_/4507508'		1.47	3.33	3.33	0.42	0.8	3.33	1.46 No	0.42 Thermal Discharging
STY072	759	'9219456_/436613278'		1.37	3.33	3.33	0.42	0.3	3.33	1.46 No	0.3 Element Fault
STY072	760	'541978092_/541978004'		1.33	3.33	3.33	0.42	0.5	3.33	1.46 No	0.42 Thermal Discharging
STY072	761	'7641418_/541977989_2'		1.33	3.33	3.33	0.42	0.5	3.33	1.46 No	0.42 Thermal Discharging
STY072	762	'7304748_/359005447'		1.6	3.33	3.33	0.05	0.1	3.33	1.46 No	0.05 Thermal Discharging
STY072	763	'4507511_/43531375'		1.4	3.33	3.33	0.42	0.8	3.33	1.46 No	0.42 Thermal Discharging
STY072	764	'4514723_/4514721'		1.13	3.33	3.33	0.42	0.8	3.33	1.46 No	0.42 Thermal Discharging
STY072	765	'9219645_/69062986'		1.17	3.33	3.33	0.42	0.3	3.33	1.46 No	0.3 Element Fault
STY072	766	'8902457_/541977989_1'		1.17	3.33	3.33	0.42	0.5	3.33	1.46 No	0.42 Thermal Discharging
STY072	767	'43531597_/7128971'		1.07	3.33	3.33	0.42	0.8	3.33	1.46 No	0.42 Thermal Discharging
STY072	768	'43531592_/43531594'		1.03	3.33	3.33	0.42	0.8	3.33	1.46 No	0.42 Thermal Discharging
STY072	769	'89058409_/89058383_1'		1.03	3.33	3.33	0.42	0.5	3.33	1.46 No	0.42 Thermal Discharging
STY072	770	'8586150_/8586148_1'		1	3.33	3.33	0.42	0.1	3.33	1.46 No	0.1 Element Fault
STY072	771	'89058372_/89058383_2'		1	3.33	3.33	0.42	0.5	3.33	1.46 No	0.42 Thermal Discharging
STY072	772	'8586151_/8586148_2'		0.97	3.33	3.33	0.42	0.1	3.33	1.46 No	0.1 Element Fault
STY072	773	'7641435_/436613255'		0.97	3.33	3.33	0.42	0.3	3.33	1.46 No	0.3 Element Fault
STY072	774	'455365834_/455365853'		0.93	3.33	3.33	0.42	0.5	3.33	1.46 No	0.42 Thermal Discharging
STY072	775	'7912159_/541977944'		0.97	3.33	3.33	0.42	0.5	3.33	1.46 No	0.42 Thermal Discharging
STY072	776	'7326221_/436613244'		0.9	3.33	3.33	0.42	0.3	3.28	1.46 No	0.3 Element Fault
STY072	777	'455365887_/455365923'		0.9	3.33	3.33	0.42	0.5	3.31	1.46 No	0.42 Thermal Discharging
STY072	778	'7326662_/455365893'		0.87	3.33	3.33	0.42	0.5	3.24	1.46 No	0.42 Thermal Discharging
STY072	779	'7960229_/541977929'		0.9	3.33	3.33	0.42	0.5	3.19	1.46 No	0.42 Thermal Discharging
STY072	780	'74084081_/50227378_1'		0.8	3.33	3.33	0.42	0.3	3.09	1.46 No	0.3 Element Fault
STY072	781	'8276130_/8276128'		0.8	3.13	3.33	0.42	0.5	3.1	1.46 No	0.42 Thermal Discharging
STY072	782	'52357719_/52357721'		0.8	3.07	3.33	0.42	0.5	3.07	1.46 No	0.42 Thermal Discharging
STY072	783	'461407630_/541978036'		0.8	3.17	3.33	0.42	0.5	3.03	1.46 No	0.42 Thermal Discharging
STY072	784	'53675002_/52357787'		0.73	2.87	3.33	0.42	0.5	2.95	1.46 No	0.42 Thermal Discharging
STY072	785	'455366077_/461407649'		0.77	2.93	3.33	0.42	0.5	2.91	1.46 No	0.42 Thermal Discharging
STY072	786	'53675034_/53675041'		0.7	2.73	3.33	0.42	0.5	2.86	1.46 No	0.42 Thermal Discharging
STY072	787	'461407545_/461407579'		0.7	2.67	3.33	0.42	0.5	2.76	1.46 No	0.42 Thermal Discharging
STY072	788	'53675065_/53675072'		0.67	2.57	3.33	0.42	0.5	2.76	1.46 No	0.42 Thermal Discharging
STY072	789	'7326481_/7326479'		0.63	2.43	3.33	0.42	0.5	2.6	1.46 No	0.42 Thermal Discharging
STY072	790	'53675093_/53675120'		0.6	2.3	3.33	0.42	0.5	2.58	1.46 No	0.42 Thermal Discharging
STY072	791	'52357780_/53675095'		0.6	2.3	3.33	0.42	0.5	2.56	1.46 No	0.42 Thermal Discharging
STY072	792	'8902425_/9219786'		0.6	2.33	3.33	0.42	0.5	2.53	1.46 No	0.42 Thermal Discharging
STY072	793	'8880043_/8902422'		0.6	2.3	3.33	0.42	0.5	2.51	1.46 No	0.42 Thermal Discharging
STY072	794	'52357748_/52357806'		0.57	2.17	3.33	0.42	0.5	2.46	1.46 No	0.42 Thermal Discharging
STY072	795	'8905466_/9219992'		0.57	2.13	3.33	0.42	0.5	2.44	1.46 No	0.42 Thermal Discharging
STY072	796	'8880059_/8880040'		0.57	2.17	3.33	0.42	0.5	2.42	1.46 No	0.42 Thermal Discharging
STY072	797	'8275847_/8905463'		0.53	2	3.33	0.42	0.5	2.32	1.46 No	0.42 Thermal Discharging
STY072	798	'8275846_/8275844'		0.5	1.9	3.33	0.42	0.5	2.25	1.46 No	0.42 Thermal Discharging
STY072	799	'8275951_/8902406'		0.5	1.87	3.33	0.42	0.5	2.22	1.46 No	0.42 Thermal Discharging
STY072	800	'71584070_/8275948'		0.47	1.8	3.33	0.42	0.5	2.15	1.46 No	0.42 Thermal Discharging
STY072	801	'71584044_/71584110'		0.47	1.77	3.33	0.42	0.5	2.13	1.46 No	0.42 Thermal Discharging
STY072	802	'71583999_/71584055'		0.47	1.73	3.33	0.42	0.5	2.1	1.46 No	0.42 Thermal Discharging
STY072	803	'8275950_/71584005'		0.43	1.7	3.33	0.42	0.5	2.08	1.46 No	0.42 Thermal Discharging
STY072	804	'8880027_/9533926'		0.43	1.67	3.33	0.42	0.5	2.04	1.46 No	0.42 Thermal Discharging
STY072	805	'7912143_/8880024'		0.4	1.57	3.33	0.42	0.5	1.95	1.46 No	0.4 Primary Over-Voltage
STY072	806	'7912144_/7912141'		0.4	1.53	3.33	0.42	0.5	1.93	1.46 No	0.4 Primary Over-Voltage
STY072	807	'461407786_/9533942_1'		0.4	1.5	3.33	0.42	0.5	1.87	1.46 No	0.4 Primary Over-Voltage
STY073	0	'STY073_/9610411'		10	10	10	1.33	10	10	10 No	1.33 Thermal Discharging
STY073	1	'75824739_/9610411'		10	10	10	1.33	10	10	4.14 No	1.33 Thermal Discharging
STY073	2	'75824904_/75824760'		10	10	10	1.33	10	10	4.14 No	1.33 Thermal Discharging
STY073	3	'114681427_/75824898_1'		10	10	10	1.33	10	10	4.14 No	1.33 Thermal Discharging
STY073	4	'5570081_/75824898_2'		10	10	10	1.33	10	10	4.14 No	1.33 Thermal Discharging
STY073	5	'5570064_/5570078'		10	10	10	1.33	10	10	4.14 No	1.33 Thermal Discharging
STY073	6	'5570063_/5570061'		10	10	10	1.33	10	10	4.14 No	1.33 Thermal Discharging
STY073	7	'4514245_/7083292'		10	10	10	1.33	10	10	4.14 No	1.33 Thermal Discharging
STY073	8	'4504763_/4514242'		10	10	10	1.33	10	10	4.14 No	1.33 Thermal Discharging
STY073	9	'4504743_/4504760'		10	10	10	1.33	10	10	4.14 No	1.33 Thermal Discharging
STY073	10	'4504742_/4504740'		10	10	10	1.33	10	10	4.14 No	1.33 Thermal Discharging
STY073	11	'4486954_/4505007'		10	10	10	1.33	10	10	4.14 No	1.33 Thermal Discharging
STY073	12	'106955444_/4486952_1'		10	10	10	1.33	1.4	10	4.14 No	1.33 Thermal Discharging
STY073	13	'43523579_/4486952_2'		10	10	10	1.33	1.4	10	4.14 No	1.33 Thermal Discharging
STY073	14	'4504621_/4504703'		10	10	10	1.33	10	10	4.14 No	1.33 Thermal Discharging
STY073	15	'4504604_/4504618'		10	10	10	1.33	10	10	4.14 No	1.33 Thermal Discharging
STY073	16	'4504587_/4504601'		10	10	10	1.33	10	10	4.14 No	1.33 Thermal Discharging
STY073	17	'106955408_/4486526'		10	10	10	1.33	1.4	10	4.14 No	1.33 Thermal Discharging
STY073	18	'4504586_/4504584'		10	10	10	1.33	10	10	4.14 No	1.33 Thermal Discharging
STY073	19	'4504570_/4505268'		10	10	10	1.33	10	10	4.14 No	1.33 Thermal Discharging
STY073	20	'4504569_/4504567'		10	10	10	1.33	10	10	4.14 No	1.33 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
STY073	21	'4516196_/_4516210'		10	10	10	1.33	10	10	4.14 No	1.33 Thermal Discharging
STY073	22	'4486657_/_4516193'		10	10	10	1.33	10	10	4.14 No	1.33 Thermal Discharging
STY073	23	'4514281_/_4514279'		10	10	10	1.33	10	10	4.14 No	1.33 Thermal Discharging
STY073	24	'4516162_/_4516261'		10	10	10	1.33	10	10	4.14 No	1.33 Thermal Discharging
STY073	25	'4541550_/_43532073_2'	3.33		3.33	3.33	0.44	1.1	3.33	1.38 No	0.44 Thermal Discharging
STY073	26	'4504448_/_4516159'		10	10	10	1.33	10	10	4.14 No	1.33 Thermal Discharging
STY073	27	'4504431_/_4504445'		10	10	10	1.33	10	10	4.14 No	1.33 Thermal Discharging
STY073	28	'4504312_/_4504428'		10	10	10	1.33	10	10	4.14 No	1.33 Thermal Discharging
STY073	29	'4504295_/_4504309'		10	10	10	1.33	10	10	4.14 No	1.33 Thermal Discharging
STY073	30	'4504278_/_4504292'		10	10	10	1.33	10	10	4.14 No	1.33 Thermal Discharging
STY073	31	'4504210_/_4504275'		10	10	10	1.33	10	10	4.14 No	1.33 Thermal Discharging
STY073	32	'4504193_/_4504207'		10	10	10	1.33	10	10	4.14 No	1.33 Thermal Discharging
STY073	33	'4504176_/_4504190'		10	10	10	1.33	10	10	4.14 No	1.33 Thermal Discharging
STY073	34	'4504023_/_4504173'		10	10	10	1.33	10	10	4.14 No	1.33 Thermal Discharging
STY073	35	'43532071_/_43532073_1'	3.33		3.33	3.33	0.44	0.4	3.33	1.38 No	0.4 Element Fault
STY073	36	'4504006_/_4504020'		10	10	10	1.33	10	10	4.14 No	1.33 Thermal Discharging
STY073	37	'4503989_/_4504003'		10	10	10	1.33	10	10	4.14 No	1.33 Thermal Discharging
STY073	38	'4503921_/_4503986'		10	10	10	1.33	10	10	4.14 No	1.33 Thermal Discharging
STY073	39	'4503904_/_4503918'		10	10	10	1.33	10	10	4.14 No	1.33 Thermal Discharging
STY073	40	'4503887_/_4503901'		10	10	10	1.33	10	10	4.14 No	1.33 Thermal Discharging
STY073	41	'4503836_/_4503884'		10	10	10	1.33	10	10	4.14 No	1.33 Thermal Discharging
STY073	42	'4503819_/_4503833'		10	10	10	1.33	10	10	4.14 No	1.33 Thermal Discharging
STY073	43	'43523052_/_4516108'		10	10	10	1.33	10	10	4.14 No	1.33 Thermal Discharging
STY073	44	'4503818_/_4503816'		10	10	10	1.33	10	10	4.14 No	1.33 Thermal Discharging
STY073	45	'4547433_/_7083031'		10	10	10	1.33	10	10	4.14 No	1.33 Thermal Discharging
STY073	46	'43523066_/_43523054'		10	10	10	1.33	10	10	4.14 No	1.33 Thermal Discharging
STY073	47	'7083332_/_7083330'	3.33		3.33	3.33	0.44	0.4	3.33	1.38 No	0.4 Element Fault
STY073	48	'4541726_/_4547430'		10	10	10	1.33	10	10	4.14 No	1.33 Thermal Discharging
STY073	49	'4515878_/_4515875'		10	10	10	1.33	10	10	4.14 No	1.33 Thermal Discharging
STY073	50	'394105419_/_68912905_1'		10	10	10	1.33	3.3	10	4.14 No	1.33 Thermal Discharging
STY073	51	'4547365_/_4547413'		10	10	10	1.33	10	10	4.14 No	1.33 Thermal Discharging
STY073	52	'394105388_/_4541697_2'	3.33		3.33	3.33	0.44	1.5	3.33	1.38 No	0.44 Thermal Discharging
STY073	53	'4541687_/_4547362'		10	10	10	1.33	10	10	4.14 No	1.33 Thermal Discharging
STY073	54	'4547347_/_4547345_1'		10	10	10	1.33	10	10	4.14 No	1.33 Thermal Discharging
STY073	55	'73566335_/_4551425_1'		10	10	10	1.33	2.3	10	4.14 No	1.33 Thermal Discharging
STY073	56	'43532271_/_4547345_2'		10	10	10	1.33	10	10	4.14 No	1.33 Thermal Discharging
STY073	57	'4542265_/_43532273'		10	10	10	1.33	10	10	4.14 No	1.33 Thermal Discharging
STY073	58	'68911830_/_68912905_2'		10	10	10	1.33	3.3	10	4.14 No	1.33 Thermal Discharging
STY073	59	'4541996_/_4541994_1'	3.33		3.33	3.33	0.44	0.4	3.33	1.38 No	0.4 Element Fault
STY073	60	'43532334_/_4541697_1'	3.33		3.33	3.33	0.44	0.5	3.33	1.38 No	0.44 Thermal Discharging
STY073	61	'4546459_/_4549213'		10	10	10	1.33	10	10	4.14 No	1.33 Thermal Discharging
STY073	62	'4546442_/_4546456'		10	10	10	1.33	10	10	4.14 No	1.33 Thermal Discharging
STY073	63	'4546411_/_4546439'		10	10	10	1.33	10	10	4.14 No	1.33 Thermal Discharging
STY073	64	'4541670_/_4541668'	3.33		3.33	3.33	0.44	1	3.33	1.38 No	0.44 Thermal Discharging
STY073	65	'4546398_/_4546396_1'	3.33		3.33	3.33	0.44	0.4	3.33	1.38 No	0.4 Element Fault
STY073	66	'4549107_/_4549105'		10	10	10	1.33	10	10	4.14 No	1.33 Thermal Discharging
STY073	67	'4546424_/_4546422'		10	10	10	1.33	10	10	4.14 No	1.33 Thermal Discharging
STY073	68	'6501714_/_7083544'		10	10	10	1.33	10	10	4.14 No	1.33 Thermal Discharging
STY073	69	'43532284_/_4551425_2'		10	10	10	1.33	2.3	10	4.14 No	1.33 Thermal Discharging
STY073	70	'4549182_/_4549196'		10	10	10	1.33	10	10	4.14 No	1.33 Thermal Discharging
STY073	71	'68913652_/_65440554'		10	10	10	1.33	3.3	10	4.14 No	1.33 Thermal Discharging
STY073	72	'6491011_/_7083414'	3.33		3.33	3.33	0.44	0.5	3.33	1.38 No	0.44 Thermal Discharging
STY073	73	'43929434_/_43929436'		10	10	10	1.33	10	10	4.14 No	1.33 Thermal Discharging
STY073	74	'4541997_/_4541994_2'	3.33		3.33	3.33	0.44	0.4	3.33	1.38 No	0.4 Element Fault
STY073	75	'4549165_/_4549179'		10	10	10	1.33	10	10	4.14 No	1.33 Thermal Discharging
STY073	76	'6501680_/_6501694'		10	10	10	1.33	10	10	4.14 No	1.33 Thermal Discharging
STY073	77	'73566248_/_4549162'		10	10	10	1.33	10	10	4.14 No	1.33 Thermal Discharging
STY073	78	'6501663_/_6501677'		10	10	10	1.33	10	10	4.14 No	1.33 Thermal Discharging
STY073	79	'4549144_/_4549142'		10	10	10	1.33	10	10	4.14 No	1.33 Thermal Discharging
STY073	80	'43928498_/_43928500'		10	10	10	1.33	10	10	4.14 No	1.33 Thermal Discharging
STY073	81	'73566279_/_73566214_1'	3.33		3.33	3.33	0.44	0.7	3.33	1.38 No	0.44 Thermal Discharging
STY073	82	'6503104_/_6503136'		10	10	10	1.33	10	10	4.14 No	1.33 Thermal Discharging
STY073	83	'4541967_/_4546396_2'	3.33		3.33	3.33	0.44	0.4	3.33	1.38 No	0.4 Element Fault
STY073	84	'6501603_/_6501617'		10	10	10	1.33	10	10	4.14 No	1.33 Thermal Discharging
STY073	85	'43534810_/_4550373'		10	10	10	1.33	10	10	4.14 No	1.33 Thermal Discharging
STY073	86	'6491010_/_6491008'	3.33		3.33	3.33	0.44	0.5	3.33	1.38 No	0.44 Thermal Discharging
STY073	87	'43927635_/_4561563'	3.33		3.33	3.33	0.44	1	3.33	1.38 No	0.44 Thermal Discharging
STY073	88	'68913703_/_68911775'		10	10	10	1.33	3.3	10	4.14 No	1.33 Thermal Discharging
STY073	89	'6501586_/_6501600'		10	10	10	1.33	10	10	4.14 No	1.33 Thermal Discharging
STY073	90	'4542010_/_4542007'	3.33		3.33	3.33	0.44	0.4	3.33	1.38 No	0.4 Element Fault
STY073	91	'43928198_/_6501583'		10	10	10	1.33	10	10	4.14 No	1.33 Thermal Discharging
STY073	92	'4548091_/_4548102'	3.33		3.33	3.33	0.44	1.5	3.33	1.38 No	0.44 Thermal Discharging
STY073	93	'4546804_/_4546801'		10	10	10	1.33	2.3	10	4.14 No	1.33 Thermal Discharging
STY073	94	'6491608_/_6501566'		10	10	10	1.33	10	10	4.14 No	1.33 Thermal Discharging
STY073	95	'8586514_/_9534878_1'	3.33		3.33	3.33	0.44	0.4	3.33	1.38 No	0.4 Element Fault
STY073	96	'4548076_/_4548073_1'	3.33		3.33	3.33	0.44	0.4	3.33	1.38 No	0.4 Element Fault
STY073	97	'6501215_/_6501232'		10	10	10	1.33	10	10	4.14 No	1.33 Thermal Discharging
STY073	98	'4541880_/_73566214_2'	3.33		3.33	3.33	0.44	0.7	3.33	1.38 No	0.44 Thermal Discharging
STY073	99	'43928185_/_43928187'		10	10	10	1.33	10	10	4.14 No	1.33 Thermal Discharging
STY073	100	'6501305_/_6501303'		10	10	10	1.33	10	10	4.14 No	1.33 Thermal Discharging
STY073	101	'4548075_/_4548073_2'	3.33		3.33	3.33	0.44	0.4	3.33	1.38 No	0.4 Element Fault
STY073	102	'68913709_/_68911746'		10	10	10	1.33	3.3	10	4.14 No	1.33 Thermal Discharging
STY073	103	'43929221_/_6501337'		10	10	10	1.33	10	10	4.14 No	1.33 Thermal Discharging
STY073	104	'43929182_/_6501320'		10	10	10	1.33	10	10	4.14 No	1.33 Thermal Discharging
STY073	105	'6491591_/_6491605_2'		10	10	10	1.33	4.7	10	4.14 No	1.33 Thermal Discharging
STY073	106	'4542023_/_4542020'	3.33		3.33	3.33	0.44	0.4	3.33	1.38 No	0.4 Element Fault
STY073	107	'4541968_/_4541965'	3.33		3.33	3.33	0.44	0.4	3.33	1.38 No	0.4 Element Fault
STY073	108	'43929099_/_6496050'	3.33		3.33	3.33	0.44	0.5	3.33	1.38 No	0.44 Thermal Discharging
STY073	109	'6502715_/_6502729'		10	10	10	1.33	10	10	4.14 No	1.33 Thermal Discharging
STY073	110	'43928146_/_6491605_1'		10	10	10	0.19	4.7	10	6.32 No	0.19 Thermal Discharging
STY073	111	'6504795_/_7083398'	3.33		3.33	3.33	0.44	1	3.33	1.38 No	0.44 Thermal Discharging
STY073	112	'43532367_/_68911724'		10	10	10	1.33	3.3	10	4.14 No	1.33 Thermal Discharging
STY073	113	'43928173_/_6502712'		10	10	10	1.33	10	10	4.14 No	1.33 Thermal Discharging
STY073	114	'4546821_/_4546818'		10	10	10	1.33	2.3	10	4.14 No	1.33 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
STY073	115	'6501272_/_6501286'		10	10	10	1.33	10	10	4.14 No	1.33 Thermal Discharging
STY073	116	'6491590_/_6491588'		10	10	10	0.19	4.7	10	6.32 No	0.19 Thermal Discharging
STY073	117	'6501198_/_6501269'		10	10	10	1.33	10	10	4.14 No	1.33 Thermal Discharging
STY073	118	'4550751_/_4550749'	3.33	3.33	3.33	3.33	0.44	0.4	3.33	1.38 No	0.4 Element Fault
STY073	119	'9220734_/_9534878_2'	3.33	3.33	3.33	3.33	0.44	0.4	3.33	1.38 No	0.4 Element Fault
STY073	120	'43928159_/_6501195'		10	10	10	1.33	10	10	4.14 No	1.33 Thermal Discharging
STY073	121	'68913734_/_68911701'		10	10	10	1.33	3.3	10	4.14 No	1.33 Thermal Discharging
STY073	122	'6491746_/_6501249'		10	10	10	1.33	10	10	4.14 No	1.33 Thermal Discharging
STY073	123	'4541881_/_4541878'	3.33	3.33	3.33	3.33	0.44	0.7	3.33	1.38 No	0.44 Thermal Discharging
STY073	124	'6498734_/_6498748'		10	10	10	1.33	10	10	4.14 No	1.33 Thermal Discharging
STY073	125	'6491024_/_6496037'	3.33	3.33	3.33	3.33	0.44	0.5	3.33	1.38 No	0.44 Thermal Discharging
STY073	126	'6498288_/_6498731'		10	10	10	1.33	10	10	4.14 No	1.33 Thermal Discharging
STY073	127	'70128176_/_43927265_2'	6.67	6.67	6.67	6.67	0.88	2.1	6.67	2.76 No	0.88 Thermal Discharging
STY073	128	'6491764_/_6498285'		10	10	10	1.33	10	10	4.14 No	1.33 Thermal Discharging
STY073	129	'49455974_/_6492051_3'	3.33	3.33	3.33	3.33	0.44	1	3.33	1.38 No	0.44 Thermal Discharging
STY073	130	'6467919_/_6491787'		10	10	10	0.19	4.7	10	6.32 No	0.19 Thermal Discharging
STY073	131	'49455965_/_6492051_2'	3.33	3.33	3.33	3.33	0.44	0.5	3.33	1.38 No	0.44 Thermal Discharging
STY073	132	'6498251_/_6498268'		10	10	10	1.33	10	10	4.14 No	1.33 Thermal Discharging
STY073	133	'68911683_/_68911680'		10	10	10	1.33	3.3	10	4.14 No	1.33 Thermal Discharging
STY073	134	'43532297_/_4546835'		10	10	10	1.33	2.3	10	4.14 No	1.33 Thermal Discharging
STY073	135	'7155426_/_7155436_1'	3.33	3.33	3.33	3.33	0.06	0.3	3.33	2.11 No	0.06 Thermal Discharging
STY073	136	'6504782_/_6504792'	3.33	3.33	3.33	3.33	0.44	1	3.33	1.38 No	0.44 Thermal Discharging
STY073	137	'43532647_/_4541981'	3.33	3.33	3.33	3.33	0.44	0.4	3.33	1.38 No	0.4 Element Fault
STY073	138	'6498250_/_6498248'		10	10	10	1.33	10	10	4.14 No	1.33 Thermal Discharging
STY073	139	'43927263_/_43927265_1'	6.67	6.67	6.67	6.67	0.88	0.9	6.67	2.76 No	0.88 Thermal Discharging
STY073	140	'6498098_/_6498302'		10	10	10	1.33	10	10	4.14 No	1.33 Thermal Discharging
STY073	141	'43927172_/_43927174'		10	10	10	1.33	10	10	4.14 No	1.33 Thermal Discharging
STY073	142	'6504599_/_6504613'		10	10	10	1.33	10	10	4.14 No	1.33 Thermal Discharging
STY073	143	'6500790_/_6500788_1'		10	10	10	1.33	1.5	10	4.14 No	1.33 Thermal Discharging
STY073	144	'43927159_/_6504596'		10	10	10	1.33	10	10	4.14 No	1.33 Thermal Discharging
STY073	145	'43532603_/_4541891'	3.33	3.33	3.33	3.33	0.44	0.7	3.33	1.38 No	0.44 Thermal Discharging
STY073	146	'68913755_/_68911655'		10	10	10	1.33	3.3	10	4.14 No	1.33 Thermal Discharging
STY073	147	'6467942_/_6491761_1'	3.33	3.33	3.33	3.33	0.06	1	3.33	2.11 No	0.06 Thermal Discharging
STY073	148	'6467852_/_6467916'		10	10	10	0.19	3.3	10	6.32 No	0.19 Thermal Discharging
STY073	149	'6467835_/_6467849'		10	10	10	0.19	3.3	10	6.32 No	0.19 Thermal Discharging
STY073	150	'6498078_/_6504579'		10	10	10	1.33	10	10	4.14 No	1.33 Thermal Discharging
STY073	151	'4546855_/_4546852'		10	10	10	1.33	2.3	10	4.14 No	1.33 Thermal Discharging
STY073	152	'6489028_/_6498075'		10	10	10	1.33	10	10	4.14 No	1.33 Thermal Discharging
STY073	153	'6467884_/_6467899'		10	10	10	0.19	3.3	10	6.32 No	0.19 Thermal Discharging
STY073	154	'6489227_/_6492051_1'	3.33	3.33	3.33	3.33	0.44	0.5	3.33	1.38 No	0.44 Thermal Discharging
STY073	155	'6498060_/_6498058'		10	10	10	1.33	10	10	4.14 No	1.33 Thermal Discharging
STY073	156	'385316122_/_6504779'	3.33	3.33	3.33	3.33	0.44	1	3.33	1.38 No	0.44 Thermal Discharging
STY073	157	'6489029_/_6489039_1'	3.33	3.33	3.33	3.33	0.44	0.4	3.33	1.38 No	0.4 Element Fault
STY073	158	'6467885_/_6467882'		10	10	10	0.19	1	10	6.32 No	0.19 Thermal Discharging
STY073	159	'6501467_/_7155436_2'	3.33	3.33	3.33	3.33	0.06	0.3	3.33	2.11 No	0.06 Thermal Discharging
STY073	160	'43927146_/_43927148'		10	10	10	1.33	10	10	4.14 No	1.33 Thermal Discharging
STY073	161	'6467869_/_6467866'	3.33	3.33	3.33	3.33	0.06	1.1	3.33	2.11 No	0.06 Thermal Discharging
STY073	162	'6490106_/_6493041'	6.67	6.67	6.67	6.67	0.88	0.9	6.67	2.76 No	0.88 Thermal Discharging
STY073	163	'6498044_/_6498336'		10	10	10	1.33	10	10	4.14 No	1.33 Thermal Discharging
STY073	164	'68911617_/_68913626'		10	10	10	1.33	3.3	10	4.14 No	1.33 Thermal Discharging
STY073	165	'6498043_/_6498041'		10	10	10	1.33	10	10	4.14 No	1.33 Thermal Discharging
STY073	166	'4541984_/_43532649'	3.33	3.33	3.33	3.33	0.44	0.4	3.33	1.38 No	0.4 Element Fault
STY073	167	'43532310_/_4546872'		10	10	10	1.33	2.3	10	4.14 No	1.33 Thermal Discharging
STY073	168	'6500791_/_6500788_2'		10	10	10	1.33	1.5	10	4.14 No	1.33 Thermal Discharging
STY073	169	'43927133_/_6498657'		10	10	10	1.33	10	10	4.14 No	1.33 Thermal Discharging
STY073	170	'6498549_/_6498674'		10	10	10	1.33	10	10	4.14 No	1.33 Thermal Discharging
STY073	171	'6498548_/_6498546'		10	10	10	1.33	10	10	4.14 No	1.33 Thermal Discharging
STY073	172	'43929086_/_6498637'		10	10	10	1.33	10	10	4.14 No	1.33 Thermal Discharging
STY073	173	'6489042_/_6489039_2'	3.33	3.33	3.33	3.33	0.44	0.4	3.33	1.38 No	0.4 Element Fault
STY073	174	'6467268_/_6491726'		10	10	10	0.19	1	10	6.32 No	0.19 Thermal Discharging
STY073	175	'4541910_/_4541907'	3.33	3.33	3.33	3.33	0.44	0.7	3.33	1.38 No	0.44 Thermal Discharging
STY073	176	'9220735_/_9220732'	3.33	3.33	3.33	3.33	0.44	0.4	3.33	1.38 No	0.4 Element Fault
STY073	177	'6498980_/_6498994'		10	10	10	1.33	10	10	4.14 No	1.33 Thermal Discharging
STY073	178	'6467834_/_6467832'		10	10	10	0.19	3.3	10	6.32 No	0.19 Thermal Discharging
STY073	179	'6498027_/_6498620'		10	10	10	1.33	10	10	4.14 No	1.33 Thermal Discharging
STY073	180	'6490107_/_6490104'	6.67	6.67	6.67	6.67	0.88	0.9	6.67	2.76 No	0.88 Thermal Discharging
STY073	181	'6488934_/_6498977'		10	10	10	1.33	10	10	4.14 No	1.33 Thermal Discharging
STY073	182	'6498026_/_6498024'		10	10	10	1.33	10	10	4.14 No	1.33 Thermal Discharging
STY073	183	'43532323_/_4546892'		10	10	10	1.33	2.3	10	4.14 No	1.33 Thermal Discharging
STY073	184	'68913769_/_68911591'		10	10	10	1.33	3.3	10	4.14 No	1.33 Thermal Discharging
STY073	185	'6497993_/_6498007'		10	10	10	1.33	10	10	4.14 No	1.33 Thermal Discharging
STY073	186	'4546895_/_4546905_1'	3.33	3.33	3.33	3.33	0.44	0.7	3.33	1.38 No	0.44 Thermal Discharging
STY073	187	'6488935_/_6488945_1'	3.33	3.33	3.33	3.33	0.44	0.4	3.33	1.38 No	0.4 Element Fault
STY073	188	'43926925_/_43926927'		10	10	10	1.33	10	10	4.14 No	1.33 Thermal Discharging
STY073	189	'43927218_/_43927220'	3.33	3.33	3.33	3.33	0.44	0.5	3.33	1.38 No	0.44 Thermal Discharging
STY073	190	'43928113_/_6501465'	3.33	3.33	3.33	3.33	0.06	0.3	3.33	2.11 No	0.06 Thermal Discharging
STY073	191	'6497976_/_6497990'		10	10	10	1.33	10	10	4.14 No	1.33 Thermal Discharging
STY073	192	'43532614_/_4541920'	3.33	3.33	3.33	3.33	0.44	0.7	3.33	1.38 No	0.44 Thermal Discharging
STY073	193	'6497817_/_6502583'		10	10	10	1.33	10	10	4.14 No	1.33 Thermal Discharging
STY073	194	'6488853_/_6497973'		10	10	10	1.33	10	10	4.14 No	1.33 Thermal Discharging
STY073	195	'6497816_/_6497814'		10	10	10	1.33	10	10	4.14 No	1.33 Thermal Discharging
STY073	196	'4541923_/_7328187_1'	3.33	3.33	3.33	3.33	0.44	0.4	3.33	1.38 No	0.4 Element Fault
STY073	197	'6489928_/_6497956'		10	10	10	1.33	10	10	4.14 No	1.33 Thermal Discharging
STY073	198	'6488426_/_6497831'		10	10	10	1.33	10	10	4.14 No	1.33 Thermal Discharging
STY073	199	'6488854_/_6488864_1'	3.33	3.33	3.33	3.33	0.44	0.5	3.33	1.38 No	0.44 Thermal Discharging
STY073	200	'6489015_/_6489052'	3.33	3.33	3.33	3.33	0.44	0.4	3.33	1.38 No	0.4 Element Fault
STY073	201	'6497941_/_6497939'		10	10	10	1.33	10	10	4.14 No	1.33 Thermal Discharging
STY073	202	'43929608_/_6503971'		10	10	10	1.33	1.5	10	4.14 No	1.33 Thermal Discharging
STY073	203	'6489929_/_6489942_1'	3.33	3.33	3.33	3.33	0.44	0.4	3.33	1.38 No	0.4 Element Fault
STY073	204	'6467305_/_6498714'		10	10	10	1.33	10	10	4.14 No	1.33 Thermal Discharging
STY073	205	'318576203_/_6488424_1'		10	10	10	1.33	2.4	10	4.14 No	1.33 Thermal Discharging
STY073	206	'6467267_/_6467265'		10	10	10	0.19	1	10	6.32 No	0.19 Thermal Discharging
STY073	207	'43927054_/_43927056'		10	10	10	1.33	10	10	4.14 No	1.33 Thermal Discharging
STY073	208	'43927111_/_6488945_2'	3.33	3.33	3.33	3.33	0.44	0.4	3.33	1.38 No	0.4 Element Fault

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
STY073	209	'43928100_/_43928102'		10	10	10	0.19	3.3	10	6.32 No	0.19 Thermal Discharging
STY073	210	'6497925_/_6497922_2'		10	10	10	1.33	10	10	4.14 No	1.33 Thermal Discharging
STY073	211	'68913794_/_68911570'		10	10	10	1.33	3.3	10	4.14 No	1.33 Thermal Discharging
STY073	212	'4546908_/_4546905_2'		3.33	3.33	3.33	0.44	0.7	3.33	1.38 No	0.44 Thermal Discharging
STY073	213	'6497908_/_6497922_1'		10	10	10	1.33	10	10	4.14 No	1.33 Thermal Discharging
STY073	214	'6467306_/_6467316_1'		3.33	3.33	3.33	0.44	0.4	3.33	1.38 No	0.4 Element Fault
STY073	215	'6488867_/_6488864_2'		3.33	3.33	3.33	0.44	0.5	3.33	1.38 No	0.44 Thermal Discharging
STY073	216	'6489945_/_6489942_2'		3.33	3.33	3.33	0.44	0.4	3.33	1.38 No	0.4 Element Fault
STY073	217	'6488811_/_6497905'		10	10	10	1.33	10	10	4.14 No	1.33 Thermal Discharging
STY073	218	'6488427_/_6488424_2'		10	10	10	1.33	2.4	10	4.14 No	1.33 Thermal Discharging
STY073	219	'43927028_/_6497885'		10	10	10	1.33	10	10	4.14 No	1.33 Thermal Discharging
STY073	220	'6489201_/_6489211'		3.33	3.33	3.33	0.44	0.5	3.33	1.38 No	0.44 Thermal Discharging
STY073	221	'68911544_/_68911547'		10	10	10	1.33	3.3	10	4.14 No	1.33 Thermal Discharging
STY073	222	'6501481_/_6501478'		3.33	3.33	3.33	0.06	0.3	3.33	2.11 No	0.06 Thermal Discharging
STY073	223	'43928065_/_6500811'		10	10	10	0.19	1	10	6.32 No	0.19 Thermal Discharging
STY073	224	'6488770_/_6497868'		10	10	10	1.33	10	10	4.14 No	1.33 Thermal Discharging
STY073	225	'6467319_/_6467316_2'		3.33	3.33	3.33	0.44	0.4	3.33	1.38 No	0.4 Element Fault
STY073	226	'7328190_/_7328187_2'		3.33	3.33	3.33	0.44	0.4	3.33	1.38 No	0.4 Element Fault
STY073	227	'6488771_/_43927043_1'		10	10	10	1.33	1.4	10	4.14 No	1.33 Thermal Discharging
STY073	228	'6497570_/_6497851'		10	10	10	1.33	10	10	4.14 No	1.33 Thermal Discharging
STY073	229	'88365764_/_88365632_1'		10	10	10	1.33	1.4	10	4.14 No	1.33 Thermal Discharging
STY073	230	'6503991_/_6503988'		10	10	10	1.33	1.5	10	4.14 No	1.33 Thermal Discharging
STY073	231	'6497553_/_88365600'		10	10	10	1.33	10	10	4.14 No	1.33 Thermal Discharging
STY073	232	'43532378_/_4546918'		3.33	3.33	3.33	0.44	0.7	3.33	1.38 No	0.44 Thermal Discharging
STY073	233	'43926743_/_6497550'		10	10	10	1.33	10	10	4.14 No	1.33 Thermal Discharging
STY073	234	'6490155_/_6497533'		10	10	10	1.33	10	10	4.14 No	1.33 Thermal Discharging
STY073	235	'6489016_/_6489013'		3.33	3.33	3.33	0.44	0.4	3.33	1.38 No	0.4 Element Fault
STY073	236	'6497515_/_6497513'		10	10	10	1.33	10	10	4.14 No	1.33 Thermal Discharging
STY073	237	'6488961_/_6488958'		3.33	3.33	3.33	0.44	0.4	3.33	1.38 No	0.4 Element Fault
STY073	238	'6468056_/_6468054'		10	10	10	0.19	3.3	10	6.32 No	0.19 Thermal Discharging
STY073	239	'43929621_/_6504005'		10	10	10	1.33	1.5	10	4.14 No	1.33 Thermal Discharging
STY073	240	'6490156_/_6490174_1'		6.67	6.67	6.67	0.88	0.9	6.67	2.76 No	0.88 Thermal Discharging
STY073	241	'43927089_/_6488877'		3.33	3.33	3.33	0.44	0.5	3.33	1.38 No	0.44 Thermal Discharging
STY073	242	'43926730_/_43926732'		10	10	10	1.33	10	10	4.14 No	1.33 Thermal Discharging
STY073	243	'6501497_/_6501494'		3.33	3.33	3.33	0.06	0.3	3.33	2.11 No	0.06 Thermal Discharging
STY073	244	'9030861_/_9030859_1'		10	10	10	0.19	0.5	10	6.32 No	0.19 Thermal Discharging
STY073	245	'6497499_/_6503864'		10	10	10	1.33	10	10	4.14 No	1.33 Thermal Discharging
STY073	246	'68911515_/_68911518'		10	10	10	1.33	3.3	10	4.14 No	1.33 Thermal Discharging
STY073	247	'6491577_/_6491575'		3.33	3.33	3.33	0.06	0.33	3.33	2.11 No	0.06 Thermal Discharging
STY073	248	'6488810_/_6488808'		10	10	10	1.33	3.1	10	4.14 No	1.33 Thermal Discharging
STY073	249	'6497498_/_6497496'		10	10	10	1.33	10	10	4.14 No	1.33 Thermal Discharging
STY073	250	'43929634_/_6504052'		10	10	10	1.33	1.5	10	4.14 No	1.33 Thermal Discharging
STY073	251	'6491624_/_6491622_1'		3.33	3.33	3.33	0.06	0.3	3.33	2.11 No	0.06 Thermal Discharging
STY073	252	'6488444_/_6488441'		10	10	10	1.33	2.4	10	4.14 No	1.33 Thermal Discharging
STY073	253	'6498589_/_6498603'		10	10	10	1.33	10	10	4.14 No	1.33 Thermal Discharging
STY073	254	'6488788_/_43927043_2'		10	10	10	1.33	1.4	10	4.14 No	1.33 Thermal Discharging
STY073	255	'6490177_/_6490174_2'		6.67	6.67	6.67	0.88	0.9	6.67	2.76 No	0.88 Thermal Discharging
STY073	256	'6498532_/_6498586_2'		10	10	10	1.33	10	10	4.14 No	1.33 Thermal Discharging
STY073	257	'43927207_/_6489198'		3.33	3.33	3.33	0.44	0.5	3.33	1.38 No	0.44 Thermal Discharging
STY073	258	'6491565_/_6491562_2'		3.33	3.33	3.33	0.06	0.33	3.33	2.11 No	0.06 Thermal Discharging
STY073	259	'43926717_/_6498586_1'		10	10	10	1.33	10	10	4.14 No	1.33 Thermal Discharging
STY073	260	'6489068_/_6489078_1'		3.33	3.33	3.33	0.44	0.4	3.33	1.38 No	0.4 Element Fault
STY073	261	'4551363_/_4551360'		3.33	3.33	3.33	0.44	0.7	3.33	1.38 No	0.44 Thermal Discharging
STY073	262	'6498515_/_6498529'		10	10	10	1.33	10	10	4.14 No	1.33 Thermal Discharging
STY073	263	'43927067_/_6488825'		3.33	3.33	3.33	0.44	0.4	3.33	1.38 No	0.4 Element Fault
STY073	264	'6498495_/_6498512'		10	10	10	1.33	10	10	4.14 No	1.33 Thermal Discharging
STY073	265	'43928052_/_6500831'		10	10	10	0.19	1	10	6.32 No	0.19 Thermal Discharging
STY073	266	'43926704_/_6498492'		10	10	10	1.33	10	10	4.14 No	1.33 Thermal Discharging
STY073	267	'43928476_/_6501507'		3.33	3.33	3.33	0.06	0.3	3.33	2.11 No	0.06 Thermal Discharging
STY073	268	'6489081_/_6489078_2'		3.33	3.33	3.33	0.44	0.4	3.33	1.38 No	0.4 Element Fault
STY073	269	'6497481_/_6497479'		10	10	10	1.33	10	10	4.14 No	1.33 Thermal Discharging
STY073	270	'68911470_/_68911489'		10	10	10	1.33	3.3	10	4.14 No	1.33 Thermal Discharging
STY073	271	'6488974_/_6488971'		3.33	3.33	3.33	0.44	0.4	3.33	1.38 No	0.4 Element Fault
STY073	272	'6497465_/_6497587'		10	10	10	1.33	10	10	4.14 No	1.33 Thermal Discharging
STY073	273	'43929527_/_6503335'		3.33	3.33	3.33	0.44	0.4	3.33	1.38 No	0.4 Element Fault
STY073	274	'6504072_/_6504069'		10	10	10	1.33	1.5	10	4.14 No	1.33 Thermal Discharging
STY073	275	'9030862_/_9030859_2'		10	10	10	0.19	0.5	10	6.32 No	0.19 Thermal Discharging
STY073	276	'88365635_/_88365632_2'		10	10	10	1.33	1.4	10	4.14 No	1.33 Thermal Discharging
STY073	277	'43929169_/_43929171'		10	10	10	0.19	3.3	10	6.32 No	0.19 Thermal Discharging
STY073	278	'43926691_/_6497462'		10	10	10	1.33	10	10	4.14 No	1.33 Thermal Discharging
STY073	279	'43928124_/_6491622_2'		3.33	3.33	3.33	0.06	0.3	3.33	2.11 No	0.06 Thermal Discharging
STY073	280	'6489187_/_6489185'		3.33	3.33	3.33	0.44	0.5	3.33	1.38 No	0.44 Thermal Discharging
STY073	281	'6497431_/_6497445'		10	10	10	1.33	10	10	4.14 No	1.33 Thermal Discharging
STY073	282	'4551376_/_4551373'		3.33	3.33	3.33	0.44	0.7	3.33	1.38 No	0.44 Thermal Discharging
STY073	283	'6491552_/_6491562_1'		3.33	3.33	3.33	0.06	0.3	3.33	2.11 No	0.06 Thermal Discharging
STY073	284	'6496170_/_43927091'		3.33	3.33	3.33	0.44	0.5	3.33	1.38 No	0.44 Thermal Discharging
STY073	285	'43926678_/_6497428'		10	10	10	1.33	10	10	4.14 No	1.33 Thermal Discharging
STY073	286	'43929471_/_6502889'		10	10	10	1.33	3.1	10	4.14 No	1.33 Thermal Discharging
STY073	287	'43926938_/_6489091'		3.33	3.33	3.33	0.44	0.4	3.33	1.38 No	0.4 Element Fault
STY073	288	'6467631_/_6490189'		6.67	6.67	6.67	0.88	0.9	6.67	2.76 No	0.88 Thermal Discharging
STY073	289	'6502850_/_6502847_2'		3.33	3.33	3.33	0.44	1.03	3.33	1.38 No	0.44 Thermal Discharging
STY073	290	'6497340_/_6497408'		10	10	10	1.33	10	10	4.14 No	1.33 Thermal Discharging
STY073	291	'6488555_/_6488552'		10	10	10	1.33	2.4	10	4.14 No	1.33 Thermal Discharging
STY073	292	'6501523_/_6501520'		3.33	3.33	3.33	0.06	0.3	3.33	2.11 No	0.06 Thermal Discharging
STY073	293	'6488841_/_6488838'		3.33	3.33	3.33	0.44	0.4	3.33	1.38 No	0.4 Element Fault
STY073	294	'6497323_/_6497337'		10	10	10	1.33	10	10	4.14 No	1.33 Thermal Discharging
STY073	295	'68913855_/_68911468'		10	10	10	1.33	3.3	10	4.14 No	1.33 Thermal Discharging
STY073	296	'6502849_/_6502847_1'		3.33	3.33	3.33	0.44	1.03	3.33	1.38 No	0.44 Thermal Discharging
STY073	297	'43926453_/_6497320'		10	10	10	1.33	10	10	4.14 No	1.33 Thermal Discharging
STY073	298	'6498785_/_6498802'		10	10	10	1.33	10	10	4.14 No	1.33 Thermal Discharging
STY073	299	'7642318_/_8277588'		3.33	3.33	3.33	0.44	0.4	3.33	1.38 No	0.4 Element Fault
STY073	300	'6496617_/_6498782'		10	10	10	1.33	10	10	4.14 No	1.33 Thermal Discharging
STY073	301	'240638014_/_240638122'		10	10	10	1.33	3.1	10	4.14 No	1.33 Thermal Discharging
STY073	302	'6503734_/_6503784'		3.33	3.33	3.33	0.44	0.5	3.33	1.38 No	0.44 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over- Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
STY073	303	'43927122_/_6488984'		3.33	3.33	3.33	0.44	0.4	3.33	1.38 No	0.4 Element Fault
STY073	304	'6496635_/_6496632_2'		3.33	3.33	3.33	0.44	1	3.33	1.38 No	0.44 Thermal Discharging
STY073	305	'6500834_/_43928054'		10	10	10	0.19	1	10	6.32 No	0.19 Thermal Discharging
STY073	306	'6491638_/_6491635'		3.33	3.33	3.33	0.06	0.3	3.33	2.11 No	0.06 Thermal Discharging
STY073	307	'4546475_/_4551458'		3.33	3.33	3.33	0.44	0.7	3.33	1.38 No	0.44 Thermal Discharging
STY073	308	'6491536_/_6491549'		3.33	3.33	3.33	0.06	0.3	3.33	2.11 No	0.06 Thermal Discharging
STY073	309	'43926364_/_43926366'		3.33	3.33	3.33	0.44	1.03	3.33	1.38 No	0.44 Thermal Discharging
STY073	310	'6489107_/_6489104'		3.33	3.33	3.33	0.44	0.4	3.33	1.38 No	0.4 Element Fault
STY073	311	'6501131_/_6504089'		10	10	10	0.19	3.3	10	6.32 No	0.19 Thermal Discharging
STY073	312	'6488542_/_6488569'		10	10	10	1.33	2.4	10	4.14 No	1.33 Thermal Discharging
STY073	313	'643959488_/_643959407_1'		6.67	6.67	6.67	0.13	0.3	6.67	4.21 No	0.13 Thermal Discharging
STY073	314	'49482047_/_6496846_2'		10	10	10	1.33	6.9	10	4.14 No	1.33 Thermal Discharging
STY073	315	'6487724_/_6496615'		10	10	10	1.33	6.7	10	4.14 No	1.33 Thermal Discharging
STY073	316	'6467121_/_6501533'		3.33	3.33	3.33	0.06	0.3	3.33	2.11 No	0.06 Thermal Discharging
STY073	317	'6496829_/_6496846_1'		10	10	10	1.33	6.9	10	4.14 No	1.33 Thermal Discharging
STY073	318	'68911436_/_68911439'		10	10	10	1.33	3.3	10	4.14 No	1.33 Thermal Discharging
STY073	319	'436781476_/_6496883_2'		10	10	10	1.33	4.5	10	4.14 No	1.33 Thermal Discharging
STY073	320	'6496183_/_6496180'		3.33	3.33	3.33	0.44	0.5	3.33	1.38 No	0.44 Thermal Discharging
STY073	321	'6488529_/_6488526_2'		3.33	3.33	3.33	0.44	0.8	3.33	1.38 No	0.44 Thermal Discharging
STY073	322	'6467632_/_6467629'		6.67	6.67	6.67	0.88	0.9	6.67	2.76 No	0.88 Thermal Discharging
STY073	323	'6495591_/_6495588'		3.33	3.33	3.33	0.44	0.4	3.33	1.38 No	0.4 Element Fault
STY073	324	'6467727_/_43929529'		3.33	3.33	3.33	0.44	0.4	3.33	1.38 No	0.4 Element Fault
STY073	325	'6487725_/_6487722'		10	10	10	1.33	6.7	10	4.14 No	1.33 Thermal Discharging
STY073	326	'6496812_/_6496826'		10	10	10	1.33	6.9	10	4.14 No	1.33 Thermal Discharging
STY073	327	'6488592_/_43926951'		10	10	10	1.33	2.4	10	4.14 No	1.33 Thermal Discharging
STY073	328	'43927127_/_43927124'		3.33	3.33	3.33	0.44	0.4	3.33	1.38 No	0.4 Element Fault
STY073	329	'318576220_/_9030643_1'		10	10	10	1.33	1.5	10	4.14 No	1.33 Thermal Discharging
STY073	330	'43929573_/_6503771'		3.33	3.33	3.33	0.44	0.5	3.33	1.38 No	0.44 Thermal Discharging
STY073	331	'7452017_/_643959407_2'		6.67	6.67	6.67	0.13	0.3	6.67	4.21 No	0.13 Thermal Discharging
STY073	332	'6487686_/_6496632_1'		3.33	3.33	3.33	0.44	0.4	3.33	1.38 No	0.4 Element Fault
STY073	333	'4546476_/_4546473'		3.33	3.33	3.33	0.44	0.7	3.33	1.38 No	0.44 Thermal Discharging
STY073	334	'6487742_/_6487739'		10	10	10	1.33	6.7	10	4.14 No	1.33 Thermal Discharging
STY073	335	'6496735_/_6496809'		10	10	10	1.33	6.9	10	4.14 No	1.33 Thermal Discharging
STY073	336	'6494826_/_6494890_1'		10	10	10	1.33	1.5	10	4.14 No	1.33 Thermal Discharging
STY073	337	'6491497_/_6491533'		3.33	3.33	3.33	0.06	0.3	3.33	2.11 No	0.06 Thermal Discharging
STY073	338	'6487422_/_6487420'		3.33	3.33	3.33	0.44	1.03	3.33	1.38 No	0.44 Thermal Discharging
STY073	339	'68912471_/_68911410'		10	10	10	1.33	3.3	10	4.14 No	1.33 Thermal Discharging
STY073	340	'6494893_/_6494890_2'		10	10	10	1.33	1.5	10	4.14 No	1.33 Thermal Discharging
STY073	341	'666483725_/_6494907'		10	10	10	1.33	1.5	10	4.14 No	1.33 Thermal Discharging
STY073	342	'6496778_/_6502109_1'		3.33	3.33	3.33	0.44	0.5	3.33	1.38 No	0.44 Thermal Discharging
STY073	343	'6495107_/_6495104'		10	10	10	1.33	6.6	10	4.14 No	1.33 Thermal Discharging
STY073	344	'6494842_/_666483729'		10	10	10	1.33	1.5	10	4.14 No	1.33 Thermal Discharging
STY073	345	'666483765_/_6494840'		10	10	10	1.33	1.5	10	4.14 No	1.33 Thermal Discharging
STY073	346	'6496886_/_6496883_1'		10	10	10	1.33	2.2	10	4.14 No	1.33 Thermal Discharging
STY073	347	'6489120_/_6489117'		3.33	3.33	3.33	0.44	0.4	3.33	1.38 No	0.4 Element Fault
STY073	348	'6501386_/_6501383'		3.33	3.33	3.33	0.06	0.3	3.33	2.11 No	0.06 Thermal Discharging
STY073	349	'6503735_/_6503732'		3.33	3.33	3.33	0.44	0.5	3.33	1.38 No	0.44 Thermal Discharging
STY073	350	'49934412_/_9030751_1'		10	10	10	1.33	1.4	10	4.14 No	1.33 Thermal Discharging
STY073	351	'6496718_/_6496732'		10	10	10	1.33	6.9	10	4.14 No	1.33 Thermal Discharging
STY073	352	'6494843_/_666483769'		10	10	10	1.33	1.5	10	4.14 No	1.33 Thermal Discharging
STY073	353	'9030754_/_9030751_2'		10	10	10	1.33	1.4	10	4.14 No	1.33 Thermal Discharging
STY073	354	'6488516_/_6488526_1'		3.33	3.33	3.33	0.44	0.5	3.33	1.38 No	0.44 Thermal Discharging
STY073	355	'240637991_/_240638011'		3.33	3.33	3.33	0.44	1.03	3.33	1.38 No	0.44 Thermal Discharging
STY073	356	'6495127_/_6495124_1'		10	10	10	1.33	6.6	10	4.14 No	1.33 Thermal Discharging
STY073	357	'6495144_/_6495124_2'		10	10	10	1.33	6.6	10	4.14 No	1.33 Thermal Discharging
STY073	358	'43927100_/_6496193'		3.33	3.33	3.33	0.44	0.5	3.33	1.38 No	0.44 Thermal Discharging
STY073	359	'43928487_/_6467119'		3.33	3.33	3.33	0.06	0.3	3.33	2.11 No	0.06 Thermal Discharging
STY073	360	'6467728_/_6467725'		3.33	3.33	3.33	0.44	0.4	3.33	1.38 No	0.4 Element Fault
STY073	361	'43926466_/_43926468'		3.33	3.33	3.33	0.44	1.5	3.33	1.38 No	0.44 Thermal Discharging
STY073	362	'6489291_/_6503745'		3.33	3.33	3.33	0.44	0.5	3.33	1.38 No	0.44 Thermal Discharging
STY073	363	'43532389_/_4546486'		3.33	3.33	3.33	0.44	0.7	3.33	1.38 No	0.44 Thermal Discharging
STY073	364	'7642319_/_7642316'		3.33	3.33	3.33	0.44	0.4	3.33	1.38 No	0.4 Element Fault
STY073	365	'43928992_/_6495601'		3.33	3.33	3.33	0.44	0.4	3.33	1.38 No	0.4 Element Fault
STY073	366	'43928041_/_6491494'		3.33	3.33	3.33	0.06	0.3	3.33	2.11 No	0.06 Thermal Discharging
STY073	367	'68912038_/_68911389'		10	10	10	1.33	3.3	10	4.14 No	1.33 Thermal Discharging
STY073	368	'43928089_/_6501128'		3.33	3.33	3.33	0.06	1	3.33	2.11 No	0.06 Thermal Discharging
STY073	369	'462585320_/_462585317'		3.33	3.33	3.33	0.44	0.73	3.33	1.38 No	0.44 Thermal Discharging
STY073	370	'6496698_/_6496715'		10	10	10	1.33	6.9	10	4.14 No	1.33 Thermal Discharging
STY073	371	'6487758_/_6494857'		10	10	10	1.33	1.5	10	4.14 No	1.33 Thermal Discharging
STY073	372	'7765378_/_8712214_1'		10	10	10	1.33	1.5	10	4.14 No	1.33 Thermal Discharging
STY073	373	'43926477_/_6504536'		10	10	10	1.33	6.6	10	4.14 No	1.33 Thermal Discharging
STY073	374	'6489175_/_6503758'		3.33	3.33	3.33	0.44	0.5	3.33	1.38 No	0.44 Thermal Discharging
STY073	375	'6488477_/_6488513'		3.33	3.33	3.33	0.44	0.5	3.33	1.38 No	0.44 Thermal Discharging
STY073	376	'6502112_/_6502109_2'		3.33	3.33	3.33	0.44	0.5	3.33	1.38 No	0.44 Thermal Discharging
STY073	377	'4546502_/_43532391'		3.33	3.33	3.33	0.44	0.7	3.33	1.38 No	0.44 Thermal Discharging
STY073	378	'7765357_/_9658640'		10	10	10	1.33	1.4	10	4.14 No	1.33 Thermal Discharging
STY073	379	'43926353_/_6502335'		3.33	3.33	3.33	0.44	1.03	3.33	1.38 No	0.44 Thermal Discharging
STY073	380	'6496681_/_6496695'		10	10	10	1.33	6.8	10	4.14 No	1.33 Thermal Discharging
STY073	381	'240637990_/_240637988'		3.33	3.33	3.33	0.44	1.03	3.33	1.38 No	0.44 Thermal Discharging
STY073	382	'43926442_/_43926444'		3.33	3.33	3.33	0.44	0.4	3.33	1.38 No	0.4 Element Fault
STY073	383	'7765397_/_8712214_2'		10	10	10	1.33	1.5	10	4.14 No	1.33 Thermal Discharging
STY073	384	'7451948_/_7451946_1'		10	10	10	1.33	1.4	10	4.14 No	1.33 Thermal Discharging
STY073	385	'43929353_/_6487756'		10	10	10	1.33	1.5	10	4.14 No	1.33 Thermal Discharging
STY073	386	'6504253_/_6504251'		3.33	3.33	3.33	0.44	1.5	3.33	1.38 No	0.44 Thermal Discharging
STY073	387	'6504502_/_43926479'		10	10	10	1.33	6.6	10	4.14 No	1.33 Thermal Discharging
STY073	388	'240705546_/_240705571'		10	10	10	1.33	1.5	10	4.14 No	1.33 Thermal Discharging
STY073	389	'7451949_/_7451946_2'		10	10	10	1.33	1.4	10	4.14 No	1.33 Thermal Discharging
STY073	390	'6496680_/_6496678'		10	10	10	1.33	6.8	10	4.14 No	1.33 Thermal Discharging
STY073	391	'68910648_/_68910597'		10	10	10	1.33	3.3	10	4.14 No	1.33 Thermal Discharging
STY073	392	'43927105_/_43927102'		3.33	3.33	3.33	0.44	0.5	3.33	1.38 No	0.44 Thermal Discharging
STY073	393	'6501734_/_6501731'		3.33	3.33	3.33	0.06	0.3	3.33	2.11 No	0.06 Thermal Discharging
STY073	394	'4546515_/_4546512'		3.33	3.33	3.33	0.44	0.7	3.33	1.38 No	0.44 Thermal Discharging
STY073	395	'43927185_/_6489130'		3.33	3.33	3.33	0.44	0.4	3.33	1.38 No	0.4 Element Fault
STY073	396	'318576239_/_6497273_2'		10	10	10	1.33	3.5	10	4.14 No	1.33 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
STY073	397	'6467741_/_6467738'	3.33	3.33	3.33	0.44	0.4	3.33	1.38	No	0.4 Element Fault
STY073	398	'6487779_/_6487776'	10	10	10	1.33	1.5	10	4.14	No	1.33 Thermal Discharging
STY073	399	'43928443_/_6501396'	3.33	3.33	3.33	0.06	0.3	3.33	2.11	No	0.06 Thermal Discharging
STY073	400	'9030646_/_9030643_2'	10	10	10	1.33	1.5	10	4.14	No	1.33 Thermal Discharging
STY073	401	'6502879_/_331445422'	3.33	3.33	3.33	0.44	1.03	3.33	1.38	No	0.44 Thermal Discharging
STY073	402	'6489279_/_6489289'	3.33	3.33	3.33	0.44	0.5	3.33	1.38	No	0.44 Thermal Discharging
STY073	403	'350640744_/_350640570_2'	10	10	10	1.33	1.5	10	4.14	No	1.33 Thermal Discharging
STY073	404	'6495604_/_43928994'	3.33	3.33	3.33	0.44	0.4	3.33	1.38	No	0.4 Element Fault
STY073	405	'43926352_/_6502348'	3.33	3.33	3.33	0.44	1.03	3.33	1.38	No	0.44 Thermal Discharging
STY073	406	'6488461_/_6488474'	3.33	3.33	3.33	0.44	0.5	3.33	1.38	No	0.44 Thermal Discharging
STY073	407	'43926962_/_6488487'	3.33	3.33	3.33	0.44	0.5	3.33	1.38	No	0.44 Thermal Discharging
STY073	408	'6489162_/_6489172'	3.33	3.33	3.33	0.44	0.5	3.33	1.38	No	0.44 Thermal Discharging
STY073	409	'6501105_/_6501115'	3.33	3.33	3.33	0.06	1	3.33	2.11	No	0.06 Thermal Discharging
STY073	410	'6491509_/_6491507'	3.33	3.33	3.33	0.06	0.3	3.33	2.11	No	0.06 Thermal Discharging
STY073	411	'68910654_/_68910651'	10	10	10	1.33	3.3	10	4.14	No	1.33 Thermal Discharging
STY073	412	'6489266_/_6489276'	3.33	3.33	3.33	0.44	0.5	3.33	1.38	No	0.44 Thermal Discharging
STY073	413	'43925737_/_6502122'	3.33	3.33	3.33	0.44	0.5	3.33	1.38	No	0.44 Thermal Discharging
STY073	414	'4546528_/_4546525'	3.33	3.33	3.33	0.44	0.7	3.33	1.38	No	0.44 Thermal Discharging
STY073	415	'6487796_/_6487793'	10	10	10	1.33	1.5	10	4.14	No	1.33 Thermal Discharging
STY073	416	'43929041_/_6496788'	6.67	6.67	6.67	0.88	2.2	6.67	2.76	No	0.88 Thermal Discharging
STY073	417	'6487685_/_6487683'	3.33	3.33	3.33	0.44	0.4	3.33	1.38	No	0.4 Element Fault
STY073	418	'6501750_/_6501747'	3.33	3.33	3.33	0.06	0.3	3.33	2.11	No	0.06 Thermal Discharging
STY073	419	'8905589_/_9220800'	3.33	3.33	3.33	0.44	0.4	3.33	1.38	No	0.4 Element Fault
STY073	420	'6497259_/_6497273_1'	10	10	10	1.33	2.4	10	4.14	No	1.33 Thermal Discharging
STY073	421	'350640527_/_350640570_1'	10	10	10	1.33	0.9	10	4.14	No	0.9 Element Fault
STY073	422	'6488503_/_6488500'	3.33	3.33	3.33	0.44	0.5	3.33	1.38	No	0.44 Thermal Discharging
STY073	423	'6488460_/_43929564'	3.33	3.33	3.33	0.44	0.5	3.33	1.38	No	0.44 Thermal Discharging
STY073	424	'6497293_/_6503407_1'	3.33	3.33	3.33	0.44	0.5	3.33	1.38	No	0.44 Thermal Discharging
STY073	425	'43926573_/_6487917'	10	10	10	1.33	1.5	10	4.14	No	1.33 Thermal Discharging
STY073	426	'6502623_/_6502620'	3.33	3.33	3.33	0.44	0.5	3.33	1.38	No	0.44 Thermal Discharging
STY073	427	'353901068_/_353901077'	10	10	10	1.33	2.4	10	4.14	No	1.33 Thermal Discharging
STY073	428	'6489133_/_43927187'	3.33	3.33	3.33	0.44	0.4	3.33	1.38	No	0.4 Element Fault
STY073	429	'6501412_/_43928445'	3.33	3.33	3.33	0.06	0.3	3.33	2.11	No	0.06 Thermal Discharging
STY073	430	'68911336_/_68911345'	10	10	10	1.33	3.3	10	4.14	No	1.33 Thermal Discharging
STY073	431	'353901122_/_7884251_1'	10	10	10	1.33	1.5	10	4.14	No	1.33 Thermal Discharging
STY073	432	'43927196_/_6489159'	3.33	3.33	3.33	0.44	0.5	3.33	1.38	No	0.44 Thermal Discharging
STY073	433	'43927240_/_43927242'	3.33	3.33	3.33	0.44	0.5	3.33	1.38	No	0.44 Thermal Discharging
STY073	434	'6491522_/_6501370'	3.33	3.33	3.33	0.06	0.3	3.33	2.11	No	0.06 Thermal Discharging
STY073	435	'43532400_/_4546538'	3.33	3.33	3.33	0.44	0.7	3.33	1.38	No	0.44 Thermal Discharging
STY073	436	'6501092_/_6501102'	3.33	3.33	3.33	0.06	1	3.33	2.11	No	0.06 Thermal Discharging
STY073	437	'6502034_/_6502031'	3.33	3.33	3.33	0.44	0.5	3.33	1.38	No	0.44 Thermal Discharging
STY073	438	'6487854_/_6487934'	10	10	10	1.33	1.5	10	4.14	No	1.33 Thermal Discharging
STY073	439	'43929482_/_6502938'	3.33	3.33	3.33	0.44	1.03	3.33	1.38	No	0.44 Thermal Discharging
STY073	440	'43532625_/_7083561'	3.33	3.33	3.33	0.06	0.3	3.33	2.11	No	0.06 Thermal Discharging
STY073	441	'353901152_/_7884251_2'	10	10	10	1.33	0.9	10	4.14	No	0.9 Element Fault
STY073	442	'43929028_/_7884251_3'	10	10	10	1.33	0.9	10	4.14	No	0.9 Element Fault
STY073	443	'4546710_/_68911311'	10	10	10	1.33	3.3	10	4.14	No	1.33 Thermal Discharging
STY073	444	'6503410_/_6503407_2'	3.33	3.33	3.33	0.44	0.5	3.33	1.38	No	0.44 Thermal Discharging
STY073	445	'409607987_/_4546775_1'	3.33	3.33	3.33	0.44	0.4	3.33	1.38	No	0.4 Element Fault
STY073	446	'6496664_/_6497256'	10	10	10	1.33	2.4	10	4.14	No	1.33 Thermal Discharging
STY073	447	'43928454_/_6501422'	3.33	3.33	3.33	0.06	0.3	3.33	2.11	No	0.06 Thermal Discharging
STY073	448	'43926538_/_6487852'	3.33	3.33	3.33	0.44	0.5	3.33	1.38	No	0.44 Thermal Discharging
STY073	449	'586206474_/_350640703'	3.33	3.33	3.33	0.44	0.3	3.33	1.38	No	0.3 Element Fault
STY073	450	'115588965_/_6501089'	3.33	3.33	3.33	0.06	1	3.33	2.11	No	0.06 Thermal Discharging
STY073	451	'6496791_/_43929043'	6.67	6.67	6.67	0.88	2.2	6.67	2.76	No	0.88 Thermal Discharging
STY073	452	'4546554_/_4546551'	3.33	3.33	3.33	0.44	0.7	3.33	1.38	No	0.44 Thermal Discharging
STY073	453	'6502047_/_6502044'	3.33	3.33	3.33	0.44	0.5	3.33	1.38	No	0.44 Thermal Discharging
STY073	454	'43929064_/_6495943'	3.33	3.33	3.33	0.44	0.5	3.33	1.38	No	0.44 Thermal Discharging
STY073	455	'6496752_/_6496762_1'	3.33	3.33	3.33	0.44	0.4	3.33	1.38	No	0.4 Element Fault
STY073	456	'6502440_/_6502508'	10	10	10	1.33	1.5	10	4.14	No	1.33 Thermal Discharging
STY073	457	'6502098_/_6503420'	3.33	3.33	3.33	0.44	0.5	3.33	1.38	No	0.44 Thermal Discharging
STY073	458	'6467030_/_6491520'	3.33	3.33	3.33	0.06	0.3	3.33	2.11	No	0.06 Thermal Discharging
STY073	459	'43927195_/_6489146'	3.33	3.33	3.33	0.44	0.5	3.33	1.38	No	0.44 Thermal Discharging
STY073	460	'68912648_/_68911244'	10	10	10	1.33	3.3	10	4.14	No	1.33 Thermal Discharging
STY073	461	'6502957_/_6502954'	3.33	3.33	3.33	0.44	1.03	3.33	1.38	No	0.44 Thermal Discharging
STY073	462	'6487957_/_6487954'	3.33	3.33	3.33	0.44	0.5	3.33	1.38	No	0.44 Thermal Discharging
STY073	463	'6487868_/_43926540'	3.33	3.33	3.33	0.44	0.5	3.33	1.38	No	0.44 Thermal Discharging
STY073	464	'6489240_/_6489250'	3.33	3.33	3.33	0.44	0.5	3.33	1.38	No	0.44 Thermal Discharging
STY073	465	'6495766_/_6503387'	10	10	10	1.33	0.9	10	4.14	No	0.9 Element Fault
STY073	466	'4546752_/_4546749'	3.33	3.33	3.33	0.44	1.1	3.33	1.38	No	0.44 Thermal Discharging
STY073	467	'8905590_/_8905587_1'	0.47	2.43	3.33	0.44	0.5	3.33	1.38	No	0.44 Thermal Discharging
STY073	468	'4546778_/_4546775_2'	3.33	3.33	3.33	0.44	0.4	3.33	1.38	No	0.4 Element Fault
STY073	469	'65440269_/_65440281'	10	10	10	1.33	3.3	10	4.14	No	1.33 Thermal Discharging
STY073	470	'6496568_/_6496762_2'	3.33	3.33	3.33	0.44	0.4	3.33	1.38	No	0.4 Element Fault
STY073	471	'4542051_/_43532627'	3.33	3.33	3.33	0.06	0.3	3.33	2.11	No	0.06 Thermal Discharging
STY073	472	'6502970_/_6502967'	3.33	3.33	3.33	0.44	1.03	3.33	1.38	No	0.44 Thermal Discharging
STY073	473	'4546567_/_4546564'	3.33	3.33	3.33	0.44	0.7	3.33	1.38	No	0.44 Thermal Discharging
STY073	474	'6467095_/_43928456'	3.33	3.33	3.33	0.06	0.3	3.33	2.11	No	0.06 Thermal Discharging
STY073	475	'586206506_/_586206522'	3.33	3.33	3.33	0.44	0.3	3.33	1.38	No	0.3 Element Fault
STY073	476	'50655386_/_50655383'	3.33	3.33	3.33	0.44	0.5	3.33	1.38	No	0.44 Thermal Discharging
STY073	477	'43926527_/_6487891'	3.33	3.33	3.33	0.44	0.5	3.33	1.38	No	0.44 Thermal Discharging
STY073	478	'6502099_/_6502096'	3.33	3.33	3.33	0.44	0.5	3.33	1.38	No	0.44 Thermal Discharging
STY073	479	'43925944_/_6502070'	3.33	3.33	3.33	0.44	0.5	3.33	1.38	No	0.44 Thermal Discharging
STY073	480	'6488758_/_6495956'	3.33	3.33	3.33	0.44	0.5	3.33	1.38	No	0.44 Thermal Discharging
STY073	481	'4515098_/_7083362'	3.33	3.33	3.33	0.44	1.1	3.33	1.38	No	0.44 Thermal Discharging
STY073	482	'6487983_/_6487980'	3.33	3.33	3.33	0.44	0.5	3.33	1.38	No	0.44 Thermal Discharging
STY073	483	'6496287_/_6496661'	10	10	10	1.33	2.4	10	4.14	No	1.33 Thermal Discharging
STY073	484	'43929493_/_6502983'	3.33	3.33	3.33	0.44	1.03	3.33	1.38	No	0.44 Thermal Discharging
STY073	485	'68914009_/_65440389'	10	10	10	1.33	3.3	10	4.14	No	1.33 Thermal Discharging
STY073	486	'43928410_/_6467028'	3.33	3.33	3.33	0.06	0.3	3.33	2.11	No	0.06 Thermal Discharging
STY073	487	'6495765_/_6495763'	10	10	10	1.33	0.9	10	4.14	No	0.9 Element Fault
STY073	488	'6496286_/_43925658_1'	3.33	3.33	3.33	0.44	0.5	3.33	1.38	No	0.44 Thermal Discharging
STY073	489	'43532411_/_4546577'	3.33	3.33	3.33	0.44	0.7	3.33	1.38	No	0.44 Thermal Discharging
STY073	490	'43927229_/_43927231'	3.33	3.33	3.33	0.44	0.5	3.33	1.38	No	0.44 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
STY073	491	'4541938_/_4542049'	3.33	3.33	3.33	3.33	0.06	0.3	3.33	2.11 No	0.06 Thermal Discharging
STY073	492	'6486601_/_6496566'	3.33	3.33	3.33	3.33	0.44	0.4	3.33	1.38 No	0.4 Element Fault
STY073	493	'6502986_/_43929495'	3.33	3.33	3.33	3.33	0.44	1.03	3.33	1.38 No	0.44 Thermal Discharging
STY073	494	'43533771_/_4548144'	3.33	3.33	3.33	3.33	0.44	0.4	3.33	1.38 No	0.4 Element Fault
STY073	495	'6467018_/_43928412'	3.33	3.33	3.33	3.33	0.06	0.3	3.33	2.11 No	0.06 Thermal Discharging
STY073	496	'6496445_/_6496459'	10	10	10	1.33	2.4	10	4.14 No	1.33 Thermal Discharging	
STY073	497	'6467096_/_6467093'	3.33	3.33	3.33	3.33	0.06	0.3	3.33	2.11 No	0.06 Thermal Discharging
STY073	498	'6502086_/_6502083'	3.33	3.33	3.33	3.33	0.44	0.5	3.33	1.38 No	0.44 Thermal Discharging
STY073	499	'6487999_/_6487996'	3.33	3.33	3.33	3.33	0.44	0.5	3.33	1.38 No	0.44 Thermal Discharging
STY073	500	'6487812_/_43926529'	3.33	3.33	3.33	3.33	0.44	0.5	3.33	1.38 No	0.44 Thermal Discharging
STY073	501	'43925680_/_6502649'	3.33	3.33	3.33	3.33	0.44	0.5	3.33	1.38 No	0.44 Thermal Discharging
STY073	502	'6487841_/_6502424'	3.33	3.33	3.33	3.33	0.44	0.5	3.33	1.38 No	0.44 Thermal Discharging
STY073	503	'43925656_/_43925658_2'	3.33	3.33	3.33	3.33	0.44	0.5	3.33	1.38 No	0.44 Thermal Discharging
STY073	504	'50655432_/_6495780'	10	10	10	1.33	0.9	10	4.14 No	0.9 Element Fault	
STY073	505	'6490355_/_6491982'	3.33	3.33	3.33	3.33	0.44	0.5	3.33	1.38 No	0.44 Thermal Discharging
STY073	506	'6488745_/_6488755'	3.33	3.33	3.33	3.33	0.44	0.5	3.33	1.38 No	0.44 Thermal Discharging
STY073	507	'4546593_/_43532413'	3.33	3.33	3.33	3.33	0.44	0.7	3.33	1.38 No	0.44 Thermal Discharging
STY073	508	'68912082_/_68911194'	6.9	10	10	1.33	3.3	10	4.14 No	1.33 Thermal Discharging	
STY073	509	'6503192_/_43925669'	10	10	10	1.33	0.9	10	4.14 No	0.9 Element Fault	
STY073	510	'6487881_/_6487878'	3.33	3.33	3.33	3.33	0.44	0.5	3.33	1.38 No	0.44 Thermal Discharging
STY073	511	'6489239_/_6489237'	3.33	3.33	3.33	3.33	0.44	0.5	3.33	1.38 No	0.44 Thermal Discharging
STY073	512	'6467057_/_6467054'	3.33	3.33	3.33	3.33	0.06	0.3	3.33	2.11 No	0.06 Thermal Discharging
STY073	513	'4541939_/_4541936'	3.33	3.33	3.33	3.33	0.06	0.3	3.33	2.11 No	0.06 Thermal Discharging
STY073	514	'6496428_/_6496442'	10	10	10	1.33	2.4	10	4.14 No	1.33 Thermal Discharging	
STY073	515	'4544564_/_4548157'	3.33	3.33	3.33	3.33	0.44	0.4	3.33	1.38 No	0.4 Element Fault
STY073	516	'43928465_/_6504553'	3.33	3.33	3.33	3.33	0.06	0.3	3.33	2.11 No	0.06 Thermal Discharging
STY073	517	'43926597_/_6488009'	3.33	3.33	3.33	3.33	0.44	0.5	3.33	1.38 No	0.44 Thermal Discharging
STY073	518	'43925726_/_6486599'	3.33	3.33	3.33	3.33	0.44	0.4	3.33	1.38 No	0.4 Element Fault
STY073	519	'6496527_/_6496537_1'	3.33	3.33	3.33	3.33	0.44	0.4	3.33	1.38 No	0.4 Element Fault
STY073	520	'6503693_/_6503690'	3.33	3.33	3.33	3.33	0.44	0.5	3.33	1.38 No	0.44 Thermal Discharging
STY073	521	'4546606_/_4546603'	3.33	3.33	3.33	3.33	0.44	0.7	3.33	1.38 No	0.44 Thermal Discharging
STY073	522	'6467017_/_6467015'	3.33	3.33	3.33	3.33	0.06	0.3	3.33	2.11 No	0.06 Thermal Discharging
STY073	523	'43926826_/_6487839'	3.33	3.33	3.33	3.33	0.44	0.5	3.33	1.38 No	0.44 Thermal Discharging
STY073	524	'6487004_/_43925682'	3.33	3.33	3.33	3.33	0.44	0.5	3.33	1.38 No	0.44 Thermal Discharging
STY073	525	'43927452_/_6490353'	3.33	3.33	3.33	3.33	0.44	0.5	3.33	1.38 No	0.44 Thermal Discharging
STY073	526	'68914021_/_68912089'	5.6	10	10	1.33	3.3	10	4.14 No	1.33 Thermal Discharging	
STY073	527	'6486521_/_6486531'	3.33	3.33	3.33	3.33	0.44	0.5	3.33	1.38 No	0.44 Thermal Discharging
STY073	528	'43927006_/_6488742'	3.33	3.33	3.33	3.33	0.44	0.5	3.33	1.38 No	0.44 Thermal Discharging
STY073	529	'68913071_/_4546616'	3.33	3.33	3.33	3.33	0.44	0.7	3.33	1.38 No	0.44 Thermal Discharging
STY073	530	'43926586_/_6487967'	3.33	3.33	3.33	3.33	0.44	0.5	3.33	1.38 No	0.44 Thermal Discharging
STY073	531	'6487813_/_6487810'	3.33	3.33	3.33	3.33	0.44	0.5	3.33	1.38 No	0.44 Thermal Discharging
STY073	532	'394106192_/_4545144_2'	1.83	3.33	3.33	3.33	0.44	1.1	3.33	1.38 No	0.44 Thermal Discharging
STY073	533	'394106202_/_4551067_2'	1.9	3.33	3.33	3.33	0.44	1	3.33	1.38 No	0.44 Thermal Discharging
STY073	534	'6503229_/_6503226'	10	10	10	1.33	0.9	10	4.14 No	0.9 Element Fault	
STY073	535	'6496540_/_6496537_2'	3.33	3.33	3.33	3.33	0.44	0.4	3.33	1.38 No	0.4 Element Fault
STY073	536	'8712307_/_9343832_1'	10	10	10	1.33	0.9	10	4.14 No	0.9 Element Fault	
STY073	537	'6496271_/_6496425'	10	10	10	1.33	2.4	10	4.14 No	1.33 Thermal Discharging	
STY073	538	'6504569_/_6504566'	3.33	3.33	3.33	3.33	0.06	0.3	3.33	2.11 No	0.06 Thermal Discharging
STY073	539	'43928421_/_6467067'	3.33	3.33	3.33	3.33	0.06	0.3	3.33	2.11 No	0.06 Thermal Discharging
STY073	540	'6488012_/_43926599'	3.33	3.33	3.33	3.33	0.44	0.5	3.33	1.38 No	0.44 Thermal Discharging
STY073	541	'6496258_/_6496255_2'	3.33	3.33	3.33	3.33	0.44	0.8	3.33	1.38 No	0.44 Thermal Discharging
STY073	542	'68911104_/_68911107'	5.4	10	10	1.33	3.3	10	4.14 No	1.33 Thermal Discharging	
STY073	543	'8712320_/_9343832_2'	10	10	10	1.33	0.9	10	4.14 No	0.9 Element Fault	
STY073	544	'43532636_/_4541949'	3.33	3.33	3.33	3.33	0.06	0.3	3.33	2.11 No	0.06 Thermal Discharging
STY073	545	'43533970_/_4544562'	3.1	3.33	3.33	3.33	0.44	0.4	3.33	1.38 No	0.4 Element Fault
STY073	546	'4544551_/_4545173'	3.33	3.33	3.33	3.33	0.44	0.7	3.33	1.38 No	0.44 Thermal Discharging
STY073	547	'70127477_/_43926588'	3.33	3.33	3.33	3.33	0.44	0.5	3.33	1.38 No	0.44 Thermal Discharging
STY073	548	'6486547_/_6503176'	3.33	3.33	3.33	3.33	0.44	0.3	3.33	1.38 No	0.3 Element Fault
STY073	549	'6486602_/_43925728'	3.33	3.33	3.33	3.33	0.44	0.4	3.33	1.38 No	0.4 Element Fault
STY073	550	'45189547_/_6488285'	3.33	3.33	3.33	3.33	0.44	0.5	3.33	1.38 No	0.44 Thermal Discharging
STY073	551	'6487005_/_6487002'	3.33	3.33	3.33	3.33	0.44	0.5	3.33	1.38 No	0.44 Thermal Discharging
STY073	552	'43927017_/_43927019'	3.33	3.33	3.33	3.33	0.44	0.5	3.33	1.38 No	0.44 Thermal Discharging
STY073	553	'4544236_/_4551067_1'	1.77	3.33	3.33	3.33	0.44	0.4	3.33	1.38 No	0.4 Element Fault
STY073	554	'6486508_/_6486518'	3.33	3.33	3.33	3.33	0.44	0.5	3.33	1.38 No	0.44 Thermal Discharging
STY073	555	'6496391_/_6496405'	10	10	10	1.33	2.4	10	4.14 No	1.33 Thermal Discharging	
STY073	556	'6488728_/_7765515_1'	3.33	3.33	3.33	3.33	0.44	0.3	3.33	1.38 No	0.3 Element Fault
STY073	557	'4542253_/_4545144_1'	1.6	3.33	3.33	3.33	0.44	0.5	3.33	1.38 No	0.44 Thermal Discharging
STY073	558	'68914058_/_68911082'	5.1	10	10	1.33	3.3	10	4.14 No	1.33 Thermal Discharging	
STY073	559	'6490356_/_43927454'	3.33	3.33	3.33	3.33	0.44	0.5	3.33	1.38 No	0.44 Thermal Discharging
STY073	560	'6496242_/_6496255_1'	3.33	3.33	3.33	3.33	0.44	0.5	3.33	1.38 No	0.44 Thermal Discharging
STY073	561	'6487826_/_6487823'	3.33	3.33	3.33	3.33	0.44	0.5	3.33	1.38 No	0.44 Thermal Discharging
STY073	562	'43925955_/_6503703'	3.33	3.33	3.33	3.33	0.44	0.5	3.33	1.38 No	0.44 Thermal Discharging
STY073	563	'4541867_/_7083475'	3.33	3.33	3.33	3.33	0.06	0.3	3.33	2.11 No	0.06 Thermal Discharging
STY073	564	'6500656_/_6500679'	3.33	3.33	3.33	3.33	0.06	0.3	3.33	2.11 No	0.06 Thermal Discharging
STY073	565	'6486588_/_6496550'	3.33	3.33	3.33	3.33	0.44	0.4	3.33	1.38 No	0.4 Element Fault
STY073	566	'6486440_/_6496239'	3.33	3.33	3.33	3.33	0.44	0.5	3.33	1.38 No	0.44 Thermal Discharging
STY073	567	'68914073_/_68911061'	4.7	10	10	1.33	3.3	10	4.14 No	1.33 Thermal Discharging	
STY073	568	'4544552_/_4544549'	1.93	3.33	3.33	3.33	0.44	0.7	3.33	1.38 No	0.44 Thermal Discharging
STY073	569	'6467083_/_6467080'	2.53	3.33	3.33	3.33	0.06	0.3	3.33	2.11 No	0.06 Thermal Discharging
STY073	570	'43925874_/_6487015'	3.33	3.33	3.33	3.33	0.44	0.5	3.33	1.38 No	0.44 Thermal Discharging
STY073	571	'6486546_/_6486544'	3.33	3.33	3.33	3.33	0.44	0.3	3.33	1.38 No	0.3 Element Fault
STY073	572	'4544565_/_43533972'	2.23	3.33	3.33	3.33	0.44	0.4	3.33	1.38 No	0.4 Element Fault
STY073	573	'76498506_/_4551187_1'	1.57	3.33	3.33	3.33	0.44	0.4	3.33	1.38 No	0.4 Element Fault
STY073	574	'4541952_/_43532638'	3.33	3.33	3.33	3.33	0.06	0.3	3.33	2.11 No	0.06 Thermal Discharging
STY073	575	'7452050_/_7765515_2'	3.33	3.33	3.33	3.33	0.44	0.3	3.33	1.38 No	0.3 Element Fault
STY073	576	'43925645_/_6486505'	3.33	3.33	3.33	3.33	0.44	0.5	3.33	1.38 No	0.44 Thermal Discharging
STY073	577	'4544237_/_4544234'	1.57	3.33	3.33	3.33	0.44	0.4	3.33	1.38 No	0.4 Element Fault
STY073	578	'4542240_/_4542250'	1.43	3.33	3.33	3.33	0.44	0.5	3.33	1.38 No	0.44 Thermal Discharging
STY073	579	'6496374_/_6496388'	10	10	10	1.33	2.4	10	4.14 No	1.33 Thermal Discharging	
STY073	580	'571861578_/_4542036'	2.03	3.33	3.33	3.33	0.06	0.3	3.33	2.11 No	0.06 Thermal Discharging
STY073	581	'6486427_/_6486437'	3.33	3.33	3.33	3.33	0.44	0.5	3.33	1.38 No	0.44 Thermal Discharging
STY073	582	'68911037_/_68911040'	4.4	10	10	1.33	3.3	10	4.14 No	1.33 Thermal Discharging	
STY073	583	'6496497_/_6496495_1'	3.33	3.33	3.33	3.33	0.44	0.5	3.33	1.38 No	0.44 Thermal Discharging
STY073	584	'43928399_/_6500666'	2.07	3.33	3.33	3.33	0.06	0.3	3.33	2.11 No	0.06 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
STY073	585	'6500643_/_6500653'		2.03	3.33	3.33	0.06	0.3	3.33	2.11 No	0.06 Thermal Discharging
STY073	586	'4548383_/_4551187_2'		1.43	3.33	3.33	0.44	0.4	3.33	1.38 No	0.4 Element Fault
STY073	587	'43534821_/_4548297'		1.67	3.33	3.33	0.44	0.7	3.33	1.38 No	0.44 Thermal Discharging
STY073	588	'6487031_/_6487028'		3.33	3.33	3.33	0.44	0.5	3.33	1.38 No	0.44 Thermal Discharging
STY073	589	'6496498_/_6496495_2'		3.33	3.33	3.33	0.44	0.5	3.33	1.38 No	0.44 Thermal Discharging
STY073	590	'6486589_/_6486586'		3.33	3.33	3.33	0.44	0.4	3.33	1.38 No	0.4 Element Fault
STY073	591	'43928432_/_7083462'		1.83	3.33	3.33	0.06	0.3	3.33	2.11 No	0.06 Thermal Discharging
STY073	592	'43925612_/_6486424'		3.33	3.33	3.33	0.44	0.5	3.33	1.38 No	0.44 Thermal Discharging
STY073	593	'6467822_/_6496371'		10	10	10	1.33	2.4	10	4.14 No	1.33 Thermal Discharging
STY073	594	'6486494_/_6486492'		3.33	3.33	3.33	0.44	0.5	3.33	1.38 No	0.44 Thermal Discharging
STY073	595	'43532715_/_43532717'		1.27	3.33	3.33	0.44	0.5	3.33	1.38 No	0.44 Thermal Discharging
STY073	596	'6467809_/_6467806_2'		3.33	3.33	3.33	0.44	0.8	3.33	1.38 No	0.44 Thermal Discharging
STY073	597	'6500627_/_6500640'		1.77	3.33	3.33	0.06	0.3	3.33	2.11 No	0.06 Thermal Discharging
STY073	598	'4544198_/_65440425'		4	10	10	1.33	3.3	10	4.14 No	1.33 Thermal Discharging
STY073	599	'8712321_/_8712318'		10	10	10	1.33	0.9	10	4.14 No	0.9 Element Fault
STY073	600	'43534826_/_43534823'		1.53	3.33	3.33	0.44	0.7	3.33	1.38 No	0.44 Thermal Discharging
STY073	601	'6500669_/_43928401'		1.73	3.33	3.33	0.06	0.3	3.33	2.11 No	0.06 Thermal Discharging
STY073	602	'68912981_/_4548115_1'		1.33	3.33	3.33	0.44	0.4	3.33	1.38 No	0.4 Element Fault
STY073	603	'43925885_/_6487041'		3.33	3.33	3.33	0.44	0.5	3.33	1.38 No	0.44 Thermal Discharging
STY073	604	'6487044_/_43925887'		3.33	3.33	3.33	0.44	0.5	3.33	1.38 No	0.44 Thermal Discharging
STY073	605	'4548384_/_4548381'		1.3	3.33	3.33	0.44	0.4	3.33	1.38 No	0.4 Element Fault
STY073	606	'6467796_/_6467806_1'		3.33	3.33	3.33	0.44	0.5	3.33	1.38 No	0.44 Thermal Discharging
STY073	607	'6467756_/_6467754'		3.33	3.33	3.33	0.44	0.5	3.33	1.38 No	0.44 Thermal Discharging
STY073	608	'43925715_/_6496511'		3.33	3.33	3.33	0.44	0.5	3.33	1.38 No	0.44 Thermal Discharging
STY073	609	'6500613_/_6500624'		1.6	3.33	3.33	0.06	0.3	3.33	2.11 No	0.06 Thermal Discharging
STY073	610	'6496340_/_6496354'		10	10	10	1.33	2.4	10	4.14 No	1.33 Thermal Discharging
STY073	611	'4542226_/_4542224'		1.17	3.33	3.33	0.44	0.5	3.33	1.38 No	0.44 Thermal Discharging
STY073	612	'7083465_/_43928434'		1.57	3.33	3.33	0.06	0.3	3.33	2.11 No	0.06 Thermal Discharging
STY073	613	'4548118_/_4548115_2'		1.23	3.33	3.33	0.44	0.4	3.33	1.38 No	0.4 Element Fault
STY073	614	'4392579_/_6467793'		3.33	3.33	3.33	0.44	0.5	3.33	1.38 No	0.44 Thermal Discharging
STY073	615	'644981216_/_644981178'		1.23	3.33	3.33	0.44	0.4	3.33	1.38 No	0.4 Element Fault
STY073	616	'68914118_/_68914115'		3.6	10	10	1.33	3.3	10	4.14 No	1.33 Thermal Discharging
STY073	617	'43925634_/_43925636'		3.33	3.33	3.33	0.44	0.5	3.33	1.38 No	0.44 Thermal Discharging
STY073	618	'6486401_/_6486411'		3.33	3.33	3.33	0.44	0.5	3.33	1.38 No	0.44 Thermal Discharging
STY073	619	'8276453_/_8276450_2'		1.2	3.33	3.33	0.44	1.1	3.33	1.38 No	0.44 Thermal Discharging
STY073	620	'6500614_/_6500611'		1.43	3.33	3.33	0.06	0.3	3.33	2.11 No	0.06 Thermal Discharging
STY073	621	'6496320_/_6496337'		10	10	10	1.33	2.4	10	4.14 No	1.33 Thermal Discharging
STY073	622	'6486479_/_6489573'		3.33	3.33	3.33	0.44	0.5	3.33	1.38 No	0.44 Thermal Discharging
STY073	623	'6486563_/_6486560'		3.33	3.33	3.33	0.44	0.5	3.33	1.38 No	0.44 Thermal Discharging
STY073	624	'118772808_/_118772765_2'		10	10	10	1.33	2.4	10	4.14 No	1.33 Thermal Discharging
STY073	625	'4548134_/_644981220'		1.17	3.33	3.33	0.44	0.4	3.33	1.38 No	0.4 Element Fault
STY073	626	'43925601_/_6486398'		3.33	3.33	3.33	0.44	0.5	3.33	1.38 No	0.44 Thermal Discharging
STY073	627	'7452051_/_7452048'		3.33	3.33	3.33	0.44	0.3	3.33	1.38 No	0.3 Element Fault
STY073	628	'4561467_/_4561465'		1.07	3.33	3.33	0.44	0.5	3.33	1.38 No	0.44 Thermal Discharging
STY073	629	'118772731_/_118772765_1'		10	10	10	1.33	1.4	10	4.14 No	1.33 Thermal Discharging
STY073	630	'6486323_/_6486333'		3.33	3.33	3.33	0.44	0.5	3.33	1.38 No	0.44 Thermal Discharging
STY073	631	'6467783_/_6496317'		10	10	10	1.33	2.4	10	4.14 No	1.33 Thermal Discharging
STY073	632	'6486466_/_6486476'		3.33	3.33	3.33	0.44	0.5	3.33	1.38 No	0.44 Thermal Discharging
STY073	633	'6467770_/_6467767_2'		3.33	3.33	3.33	0.44	0.8	3.33	1.38 No	0.44 Thermal Discharging
STY073	634	'68914257_/_65440460'		3.2	10	10	1.33	3.3	10	4.14 No	1.33 Thermal Discharging
STY073	635	'6486375_/_6486385'		3.33	3.33	3.33	0.44	0.5	3.33	1.38 No	0.44 Thermal Discharging
STY073	636	'8276452_/_8276450_1'		1.07	3.33	3.33	0.44	0.4	3.33	1.38 No	0.4 Element Fault
STY073	637	'43925829_/_6486573'		3.33	3.33	3.33	0.44	0.5	3.33	1.38 No	0.44 Thermal Discharging
STY073	638	'6486453_/_6486463'		3.33	3.33	3.33	0.44	0.5	3.33	1.38 No	0.44 Thermal Discharging
STY073	639	'43536360_/_43536362'		1	3.33	3.33	0.44	0.5	3.33	1.38 No	0.44 Thermal Discharging
STY073	640	'6486310_/_6486320'		3.33	3.33	3.33	0.44	0.5	3.33	1.38 No	0.44 Thermal Discharging
STY073	641	'347857131_/_347857128'		1.07	3.33	3.33	0.44	0.5	3.33	1.38 No	0.44 Thermal Discharging
STY073	642	'43925623_/_43925625'		3.33	3.33	3.33	0.44	0.5	3.33	1.38 No	0.44 Thermal Discharging
STY073	643	'43925546_/_6467767_1'		3.33	3.33	3.33	0.44	0.5	3.33	1.38 No	0.44 Thermal Discharging
STY073	644	'6486362_/_6486372'		3.33	3.33	3.33	0.44	0.5	3.33	1.38 No	0.44 Thermal Discharging
STY073	645	'117726397_/_117726408'		1	3.33	3.33	0.44	0.4	3.33	1.38 No	0.4 Element Fault
STY073	646	'43925702_/_43925704'		10	10	10	1.33	2.4	10	4.14 No	1.33 Thermal Discharging
STY073	647	'68910937_/_65440516'		2.9	10	10	1.33	3.3	10	4.14 No	1.33 Thermal Discharging
STY073	648	'6486452_/_6486450'		3.33	3.33	3.33	0.44	0.5	3.33	1.38 No	0.44 Thermal Discharging
STY073	649	'76761024_/_767608080_2'		3.33	3.33	3.33	0.44	0.8	3.33	1.38 No	0.44 Thermal Discharging
STY073	650	'526316499_/_526316496'		1.07	3.33	3.33	0.44	0.5	3.33	1.38 No	0.44 Thermal Discharging
STY073	651	'6502060_/_43925831'		3.33	3.33	3.33	0.44	0.5	3.33	1.38 No	0.44 Thermal Discharging
STY073	652	'43925568_/_6486307'		3.33	3.33	3.33	0.44	0.5	3.33	1.38 No	0.44 Thermal Discharging
STY073	653	'64235240_/_6486216'		3.33	3.33	3.33	0.44	0.5	3.33	1.38 No	0.44 Thermal Discharging
STY073	654	'43925590_/_6486359'		3.33	3.33	3.33	0.44	0.5	3.33	1.38 No	0.44 Thermal Discharging
STY073	655	'4561480_/_4561478'		0.9	3.33	3.33	0.44	0.5	3.33	1.38 No	0.44 Thermal Discharging
STY073	656	'767608050_/_767608080_1'		3.33	3.33	3.33	0.44	0.4	3.33	1.38 No	0.4 Element Fault
STY073	657	'6486206_/_64235243'		3.33	3.33	3.33	0.44	0.5	3.33	1.38 No	0.44 Thermal Discharging
STY073	658	'43925589_/_6486346'		3.33	3.33	3.33	0.44	0.5	3.33	1.38 No	0.44 Thermal Discharging
STY073	659	'6503930_/_6503927'		3.33	3.33	3.33	0.44	0.5	3.33	1.38 No	0.44 Thermal Discharging
STY073	660	'6486284_/_6486294'		3.33	3.33	3.33	0.44	0.5	3.33	1.38 No	0.44 Thermal Discharging
STY073	661	'68910912_/_68910915'		2.7	10	10	1.33	3.3	10	4.14 No	1.33 Thermal Discharging
STY073	662	'8401383_/_8401380'		3.33	3.33	3.33	0.44	0.4	3.33	1.38 No	0.4 Element Fault
STY073	663	'9343865_/_9658746_1'		3.33	3.33	3.33	0.44	0.3	3.33	1.38 No	0.3 Element Fault
STY073	664	'4550592_/_4561504'		0.87	3.33	3.33	0.44	0.5	3.33	1.38 No	0.44 Thermal Discharging
STY073	665	'435374790_/_435374809'		0.9	3.33	3.33	0.44	0.4	3.33	1.38 No	0.4 Element Fault
STY073	666	'6486193_/_6486203'		3.33	3.33	3.33	0.44	0.5	3.33	1.38 No	0.44 Thermal Discharging
STY073	667	'57810124_/_68910890'		2.6	10	10	1.33	3.3	10	4.14 No	1.33 Thermal Discharging
STY073	668	'57810233_/_57810199_2'		0.87	3.33	3.33	0.44	1.1	3.33	1.38 No	0.44 Thermal Discharging
STY073	669	'6486271_/_6486281'		3.33	3.33	3.33	0.44	0.5	3.33	1.38 No	0.44 Thermal Discharging
STY073	670	'66527072_/_66527079'		2.07	3.33	3.33	0.44	0.4	3.33	1.38 No	0.4 Element Fault
STY073	671	'57810396_/_70784551'		2.5	10	10	1.33	3.3	10	4.14 No	1.33 Thermal Discharging
STY073	672	'43532704_/_4550589'		0.8	3.33	3.33	0.44	0.5	3.33	1.38 No	0.44 Thermal Discharging
STY073	673	'57810493_/_57810421_1'		0.83	3.33	3.33	0.44	0.5	3.33	1.38 No	0.44 Thermal Discharging
STY073	674	'43925535_/_6486190'		3.33	3.33	3.33	0.44	0.5	3.33	1.38 No	0.44 Thermal Discharging
STY073	675	'43925818_/_6503940'		3.33	3.33	3.33	0.44	0.5	3.33	1.38 No	0.44 Thermal Discharging
STY073	676	'518145928_/_68910836'		2.5	10	10	1.33	3.3	10	4.14 No	1.33 Thermal Discharging
STY073	677	'9658749_/_9658746_2'		2.13	3.33	3.33	0.44	0.3	3.33	1.38 No	0.3 Element Fault
STY073	678	'43925557_/_43925559'		3.33	3.33	3.33	0.44	0.5	3.33	1.38 No	0.44 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
STY073	679	'4542201_/4542211'	0.77	3.33	3.33	0.44	0.5	3.33	1.38 No	0.44	Thermal Discharging
STY073	680	'57810192_/57810199_1'	0.9	3.33	3.33	0.44	0.5	3.33	1.38 No	0.44	Thermal Discharging
STY073	681	'68910833_/518145932'	2.4	10	10	1.33	3.3	10	4.14 No	1.33	Thermal Discharging
STY073	682	'6486179_/6486177'	3.33	3.33	3.33	0.44	0.5	3.33	1.38 No	0.44	Thermal Discharging
STY073	683	'586946260_/586946187_1'	2.4	10	10	1.33	1.4	10	4.14 No	1.33	Thermal Discharging
STY073	684	'4542159_/4542198'	0.77	3.33	3.33	0.44	0.5	3.33	1.38 No	0.44	Thermal Discharging
STY073	685	'449396146_/445444112_1'	0.77	3.33	3.33	0.44	0.1	3.33	1.38 No	0.1	Element Fault
STY073	686	'586946171_/586946187_2'	2.4	10	10	1.33	1.4	10	4.14 No	1.33	Thermal Discharging
STY073	687	'6486245_/6486255'	3.33	3.33	3.33	0.44	0.5	3.33	1.38 No	0.44	Thermal Discharging
STY073	688	'6486796_/43925820'	1.53	3.33	3.33	0.44	0.5	3.33	1.38 No	0.44	Thermal Discharging
STY073	689	'64891248_/64891251'	0.9	3.33	3.33	0.44	0.5	3.33	1.38 No	0.44	Thermal Discharging
STY073	690	'6501995_/6502005'	3.33	3.33	3.33	0.44	0.5	3.33	1.38 No	0.44	Thermal Discharging
STY073	691	'4542146_/4542156'	0.73	3.33	3.33	0.44	0.5	3.33	1.38 No	0.44	Thermal Discharging
STY073	692	'6486809_/6486806'	1.43	3.33	3.33	0.44	0.5	3.33	1.38 No	0.44	Thermal Discharging
STY073	693	'43533599_/68910811'	2.2	10	10	1.33	3.3	10	4.14 No	1.33	Thermal Discharging
STY073	694	'6486232_/6486242'	3.33	3.33	3.33	0.44	0.5	3.33	1.38 No	0.44	Thermal Discharging
STY073	695	'43925524_/6501992'	2.13	3.33	3.33	0.44	0.5	3.33	1.38 No	0.44	Thermal Discharging
STY073	696	'64891174_/64891283'	0.9	3.33	3.33	0.44	0.5	3.33	1.38 No	0.44	Thermal Discharging
STY073	697	'6486615_/6502018'	2.13	3.33	3.33	0.44	0.5	3.33	1.38 No	0.44	Thermal Discharging
STY073	698	'9535161_/445444112_2'	0.77	3.33	3.33	0.44	0.1	3.33	1.38 No	0.1	Element Fault
STY073	699	'57810414_/57810421_2'	0.87	3.33	3.33	0.44	0.5	3.33	1.38 No	0.44	Thermal Discharging
STY073	700	'4542133_/4542143'	0.7	3.33	3.33	0.44	0.5	3.33	1.38 No	0.44	Thermal Discharging
STY073	701	'6486231_/6486229'	2.27	3.33	3.33	0.44	0.5	3.33	1.38 No	0.44	Thermal Discharging
STY073	702	'90264464_/90264475'	1.27	3.33	3.33	0.44	0.3	3.33	1.38 No	0.3	Element Fault
STY073	703	'65440135_/4543952'	2.1	10	10	1.33	3.3	10	4.14 No	1.33	Thermal Discharging
STY073	704	'65440093_/8141807_2'	0.7	3.33	3.33	0.44	1.1	3.33	1.38 No	0.44	Thermal Discharging
STY073	705	'4542120_/4542130'	0.67	3.33	3.33	0.44	0.5	3.33	1.38 No	0.44	Thermal Discharging
STY073	706	'711891112_/711891084_1'	0.7	3.33	3.33	0.44	0.4	3.33	1.38 No	0.4	Element Fault
STY073	707	'64891151_/64891181'	0.9	3.33	3.33	0.44	0.5	3.33	1.38 No	0.44	Thermal Discharging
STY073	708	'4551138_/4551135'	0.7	3.33	3.33	0.44	0.5	3.33	1.38 No	0.44	Thermal Discharging
STY073	709	'6501969_/6501979'	1.77	3.33	3.33	0.44	0.5	3.33	1.38 No	0.44	Thermal Discharging
STY073	710	'4542172_/4542169'	0.67	3.33	3.33	0.44	0.5	3.33	1.38 No	0.44	Thermal Discharging
STY073	711	'54203887_/57810444'	0.87	3.33	3.33	0.44	0.5	3.33	1.38 No	0.44	Thermal Discharging
STY073	712	'6486140_/6486612'	1.67	3.33	3.33	0.44	0.5	3.33	1.38 No	0.44	Thermal Discharging
STY073	713	'65440146_/4543965'	0.67	3.33	3.33	0.44	1.1	3.33	1.38 No	0.44	Thermal Discharging
STY073	714	'64891128_/64891158'	0.9	3.33	3.33	0.44	0.5	3.33	1.38 No	0.44	Thermal Discharging
STY073	715	'6501953_/6501966'	1.67	3.33	3.33	0.44	0.5	3.33	1.38 No	0.44	Thermal Discharging
STY073	716	'4542107_/4542117'	0.63	3.33	3.33	0.44	0.5	3.33	1.38 No	0.44	Thermal Discharging
STY073	717	'393216163_/383503685_1'	0.63	3.33	3.33	0.44	0.1	3.33	1.38 No	0.1	Element Fault
STY073	718	'4542185_/4542182'	0.67	3.33	3.33	0.44	0.5	3.33	1.38 No	0.44	Thermal Discharging
STY073	719	'71804655_/64891135'	0.9	3.33	3.33	0.44	0.5	3.33	1.38 No	0.44	Thermal Discharging
STY073	720	'4554503_/4554500'	0.7	3.33	3.33	0.44	0.5	3.33	1.38 No	0.44	Thermal Discharging
STY073	721	'6486141_/6486138'	1.53	3.33	3.33	0.44	0.5	3.33	1.38 No	0.44	Thermal Discharging
STY073	722	'43925513_/43925515'	1.57	3.33	3.33	0.44	0.5	3.33	1.38 No	0.44	Thermal Discharging
STY073	723	'711891068_/711891084_2'	0.7	3.33	3.33	0.44	0.4	3.33	1.38 No	0.4	Element Fault
STY073	724	'6486128_/6486641'	1.53	3.33	3.33	0.44	0.5	3.33	1.38 No	0.44	Thermal Discharging
STY073	725	'4542094_/4542104'	0.63	3.33	3.33	0.44	0.5	3.33	1.38 No	0.44	Thermal Discharging
STY073	726	'73566323_/7962065_1'	0.63	3.33	3.33	0.44	0.1	3.33	1.38 No	0.1	Element Fault
STY073	727	'6501952_/6501950'	1.47	3.33	3.33	0.44	0.5	3.33	1.38 No	0.44	Thermal Discharging
STY073	728	'6486127_/6486125'	1.43	3.33	3.33	0.44	0.5	3.33	1.38 No	0.44	Thermal Discharging
STY073	729	'6486154_/6486151'	1.4	3.33	3.33	0.44	0.5	3.33	1.38 No	0.44	Thermal Discharging
STY073	730	'71804698_/71804709'	0.9	3.33	3.33	0.44	0.5	3.33	1.38 No	0.44	Thermal Discharging
STY073	731	'43532693_/43532695'	0.6	3.33	3.33	0.44	0.5	3.33	1.38 No	0.44	Thermal Discharging
STY073	732	'7961044_/383503685_2'	0.67	3.33	3.33	0.44	0.1	3.33	1.38 No	0.1	Element Fault
STY073	733	'7962068_/7962065_2'	0.63	3.33	3.33	0.44	0.1	3.33	1.38 No	0.1	Element Fault
STY073	734	'54203859_/54203889'	0.87	3.33	3.33	0.44	0.5	3.33	1.38 No	0.44	Thermal Discharging
STY073	735	'43925502_/6486164'	1.3	3.33	3.33	0.44	0.5	3.33	1.38 No	0.44	Thermal Discharging
STY073	736	'71804728_/71804739'	0.87	3.33	3.33	0.44	0.5	3.33	1.38 No	0.44	Thermal Discharging
STY073	737	'4542078_/4551122'	0.57	3.33	3.33	0.44	0.5	3.33	1.38 No	0.44	Thermal Discharging
STY073	738	'762861596_/71804770'	0.87	3.33	3.33	0.44	0.5	3.33	1.38 No	0.44	Thermal Discharging
STY073	739	'54204836_/54203866'	0.87	3.33	3.33	0.44	0.5	3.33	1.38 No	0.44	Thermal Discharging
STY073	740	'4542064_/4542075_2'	0.57	3.33	3.33	0.44	0.5	3.33	1.38 No	0.44	Thermal Discharging
STY073	741	'6486167_/43925504'	1.2	3.33	3.33	0.44	0.5	3.33	1.38 No	0.44	Thermal Discharging
STY073	742	'43532682_/4542075_1'	0.57	3.33	3.33	0.44	0.5	3.33	1.38 No	0.44	Thermal Discharging
STY073	743	'71804759_/762861618'	0.83	3.33	3.33	0.44	0.5	3.33	1.38 No	0.44	Thermal Discharging
STY073	744	'71804786_/71804823'	0.83	3.33	3.33	0.44	0.5	3.33	1.38 No	0.44	Thermal Discharging
STY073	745	'54203769_/54203821'	0.83	3.33	3.33	0.44	0.5	3.33	1.38 No	0.44	Thermal Discharging
STY073	746	'43532671_/43532684'	0.53	3.33	3.33	0.44	0.5	3.33	1.38 No	0.44	Thermal Discharging
STY073	747	'4542065_/7613027_2'	0.53	3.33	3.33	0.44	0.5	3.33	1.38 No	0.44	Thermal Discharging
STY073	748	'64891105_/71804791'	0.8	3.33	3.33	0.44	0.5	3.33	1.38 No	0.44	Thermal Discharging
STY073	749	'91319719_/8141807_1'	0.57	3.33	3.33	0.44	0.5	3.33	1.38 No	0.44	Thermal Discharging
STY073	750	'91319803_/91319797'	0.57	3.33	3.33	0.44	0.5	3.33	1.38 No	0.44	Thermal Discharging
STY073	751	'7326694_/7613027_1'	0.5	3.33	3.33	0.44	0.5	3.33	1.38 No	0.44	Thermal Discharging
STY073	752	'54203718_/54203776'	0.77	3.33	3.33	0.44	0.5	3.33	1.38 No	0.44	Thermal Discharging
STY073	753	'54203687_/54203725'	0.77	3.33	3.33	0.44	0.5	3.33	1.38 No	0.44	Thermal Discharging
STY073	754	'51345070_/54203233'	0.53	3.3	3.33	0.44	0.5	3.33	1.38 No	0.44	Thermal Discharging
STY073	755	'64891082_/64891112'	0.73	3.23	3.33	0.44	0.5	3.33	1.38 No	0.44	Thermal Discharging
STY073	756	'8276214_/635532865'	0.47	3.3	3.33	0.44	0.5	3.33	1.38 No	0.44	Thermal Discharging
STY073	757	'64021179_/64891089'	0.7	3.1	3.33	0.44	0.5	3.33	1.38 No	0.44	Thermal Discharging
STY073	758	'54204237_/54204946'	0.7	3.03	3.33	0.44	0.5	3.33	1.38 No	0.44	Thermal Discharging
STY073	759	'54203656_/54203694'	0.7	3.03	3.33	0.44	0.5	3.33	1.38 No	0.44	Thermal Discharging
STY073	760	'54203625_/54203663'	0.67	2.93	3.33	0.44	0.5	3.28	1.38 No	0.44	Thermal Discharging
STY073	761	'8276215_/8276212'	0.43	3.13	3.33	0.44	0.5	3.26	1.38 No	0.43	Primary Over-Voltage
STY073	762	'54203594_/54203632'	0.67	2.87	3.33	0.44	0.5	3.22	1.38 No	0.44	Thermal Discharging
STY073	763	'55256430_/51345223'	0.47	2.8	3.33	0.44	0.5	3.17	1.38 No	0.44	Thermal Discharging
STY073	764	'55256475_/55256493'	0.47	2.8	3.33	0.44	0.5	3.16	1.38 No	0.44	Thermal Discharging
STY073	765	'54203536_/54203601'	0.63	2.77	3.33	0.44	0.5	3.15	1.38 No	0.44	Thermal Discharging
STY073	766	'55256387_/55256482'	0.47	2.77	3.33	0.44	0.5	3.15	1.38 No	0.44	Thermal Discharging
STY073	767	'8276892_/8276890'	0.4	2.87	3.33	0.44	0.5	3.1	1.38 No	0.4	Primary Over-Voltage
STY073	768	'54203505_/54203570'	0.63	2.7	3.33	0.44	0.5	3.09	1.38 No	0.44	Thermal Discharging
STY073	769	'55256167_/55256390'	0.43	2.63	3.33	0.44	0.5	3.03	1.38 No	0.43	Primary Over-Voltage
STY073	770	'55256237_/55256255'	0.43	2.6	3.33	0.44	0.5	3.02	1.38 No	0.43	Primary Over-Voltage
STY073	771	'55256128_/55256244'	0.43	2.6	3.33	0.44	0.5	3.01	1.38 No	0.43	Primary Over-Voltage
STY073	772	'54203468_/64021186'	0.57	2.53	3.33	0.44	0.5	2.96	1.38 No	0.44	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
				Deviation						VSR (MW)	Limiting Threshold
STY073	773	'51345197_/_55256131'	0.4	2.53	3.33	0.44	0.5	2.96	1.38 No	0.4	Primary Over-Voltage
STY073	774	'75927377_/_54203512_1'	0.57	2.5	3.33	0.44	0.5	2.92	1.38 No	0.44	Thermal Discharging
STY073	775	'70461098_/_70461103'	0.4	2.43	3.33	0.44	0.5	2.87	1.38 No	0.4	Primary Over-Voltage
STY073	776	'70461144_/_70461185'	0.4	2.43	3.33	0.44	0.5	2.86	1.38 No	0.4	Primary Over-Voltage
STY073	777	'70461060_/_70461155'	0.4	2.4	3.33	0.44	0.5	2.85	1.38 No	0.4	Primary Over-Voltage
STY075	0	'STY075_/_65635089'	10	10	10	1	10	10	10 No	1	Thermal Discharging
STY075	1	'8042580_/_65635089'	10	10	10	1	10	10	2.49 No	1	Thermal Discharging
STY075	2	'469940374_/_8042656'	10	10	10	1	10	10	2.49 No	1	Thermal Discharging
STY075	3	'762796833_/_469940401'	10	10	10	1	10	10	2.48 No	1	Thermal Discharging
STY075	4	'8042659_/_762796860'	10	10	10	1	10	10	2.47 No	1	Thermal Discharging
STY075	5	'37921755_/_8983755'	10	10	10	1	10	10	2.47 No	1	Thermal Discharging
STY075	6	'70585614_/_37921759'	10	10	10	1	10	10	2.47 No	1	Thermal Discharging
STY075	7	'51515983_/_9367326'	10	10	10	1	10	10	2.47 No	1	Thermal Discharging
STY075	8	'51516045_/_51516072'	10	10	10	1	10	10	2.46 No	1	Thermal Discharging
STY075	9	'4508058_/_51516047'	10	10	10	1	10	10	2.45 No	1	Thermal Discharging
STY075	10	'4485946_/_4508056'	10	10	10	1	10	10	2.45 No	1	Thermal Discharging
STY075	11	'7326270_/_8275860_1'	10	10	10	1	10	10	2.45 No	1	Thermal Discharging
STY075	12	'8275863_/_8275860_2'	10	10	10	1	10	10	2.45 No	1	Thermal Discharging
STY075	13	'4509061_/_8275860_3'	10	10	10	1	10	10	2.45 No	1	Thermal Discharging
STY075	14	'43524920_/_43524922'	10	10	10	1	10	10	2.45 No	1	Thermal Discharging
STY075	15	'4509062_/_4509059'	10	10	10	1	10	10	2.45 No	1	Thermal Discharging
STY075	16	'4509078_/_52610130'	10	10	10	1	10	10	2.45 No	1	Thermal Discharging
STY075	17	'4508562_/_4509405'	10	10	10	1	10	10	2.45 No	1	Thermal Discharging
STY075	18	'43524933_/_52610174'	10	10	10	1	10	10	2.45 No	1	Thermal Discharging
STY075	19	'4508542_/_4508559'	10	10	10	1	10	10	2.45 No	1	Thermal Discharging
STY075	20	'419328642_/_419328650'	10	10	10	1	10	10	2.45 No	1	Thermal Discharging
STY075	21	'4491386_/_52610195'	10	10	10	1	10	10	2.45 No	1	Thermal Discharging
STY075	22	'419328758_/_419328705_1'	10	10	10	1	1.4	10	2.45 No	1	Thermal Discharging
STY075	23	'4508525_/_4508539'	10	10	10	1	10	10	2.45 No	1	Thermal Discharging
STY075	24	'4491442_/_4491440_1'	10	10	10	1	1.5	10	2.45 No	1	Thermal Discharging
STY075	25	'4508524_/_4508522'	10	10	10	1	10	10	2.45 No	1	Thermal Discharging
STY075	26	'7326130_/_7641036_1'	10	10	10	1	1.4	10	2.45 No	1	Thermal Discharging
STY075	27	'4491406_/_52610241'	10	10	10	1	10	10	2.45 No	1	Thermal Discharging
STY075	28	'43531976_/_43531978'	10	10	10	1	10	10	2.45 No	1	Thermal Discharging
STY075	29	'419328686_/_419328705_2'	10	10	10	1	1.4	10	2.45 No	1	Thermal Discharging
STY075	30	'4508579_/_4508576'	10	10	10	1	10	10	2.45 No	1	Thermal Discharging
STY075	31	'4491423_/_52610285'	10	10	10	1	10	10	2.45 No	1	Thermal Discharging
STY075	32	'4491477_/_4507132_1'	10	10	10	1	1.4	10	2.45 No	1	Thermal Discharging
STY075	33	'43524141_/_4508596'	10	10	10	1	10	10	2.45 No	1	Thermal Discharging
STY075	34	'4507115_/_52610312'	10	10	10	1	10	10	2.45 No	1	Thermal Discharging
STY075	35	'4491443_/_4491440_2'	10	10	10	1	0.9	10	2.45 No	0.9	Element Fault
STY075	36	'7161246_/_43524143'	10	10	10	1	10	10	2.45 No	1	Thermal Discharging
STY075	37	'7161247_/_7161244'	10	10	10	1	10	10	2.45 No	1	Thermal Discharging
STY075	38	'8901997_/_402819339'	10	10	10	1	0.9	10	2.45 No	0.9	Element Fault
STY075	39	'4507363_/_52610358'	10	10	10	1	10	10	2.45 No	1	Thermal Discharging
STY075	40	'7641039_/_7641036_2'	10	10	10	1	1.4	10	2.45 No	1	Thermal Discharging
STY075	41	'7161453_/_7161450'	10	10	10	1	10	10	2.45 No	1	Thermal Discharging
STY075	42	'601681099_/_601681065'	10	10	10	1	10	10	2.45 No	1	Thermal Discharging
STY075	43	'8134488_/_8134509_2'	10	10	10	1	5.1	10	2.45 No	1	Thermal Discharging
STY075	44	'601681191_/_601681153_1'	10	10	10	1	1.4	10	2.45 No	1	Thermal Discharging
STY075	45	'4507380_/_52610400'	10	10	10	1	10	10	2.45 No	1	Thermal Discharging
STY075	46	'90424669_/_4507132_2'	10	10	10	1	1.4	10	2.45 No	1	Thermal Discharging
STY075	47	'7161470_/_601681103'	10	10	10	1	10	10	2.45 No	1	Thermal Discharging
STY075	48	'395661187_/_395661184'	10	10	10	1	10	10	2.45 No	1	Thermal Discharging
STY075	49	'43531349_/_395661226'	10	10	10	1	10	10	2.45 No	1	Thermal Discharging
STY075	50	'90424659_/_7641380_1'	10	10	10	1	0.9	10	2.45 No	0.9	Element Fault
STY075	51	'52610793_/_52610737'	10	10	10	1	10	10	2.45 No	1	Thermal Discharging
STY075	52	'90424617_/_52610770_1'	10	10	10	1	3.3	10	2.45 No	1	Thermal Discharging
STY075	53	'52610995_/_52610770_2'	10	10	10	1	3.3	10	2.45 No	1	Thermal Discharging
STY075	54	'7161487_/_7161484'	10	10	10	1	10	10	2.45 No	1	Thermal Discharging
STY075	55	'61697240_/_723571767_2'	10	10	10	1	4.2	10	2.45 No	1	Thermal Discharging
STY075	56	'601681137_/_601681153_2'	10	10	10	1	1.4	10	2.45 No	1	Thermal Discharging
STY075	57	'7161504_/_7161501'	10	10	10	1	10	10	2.45 No	1	Thermal Discharging
STY075	58	'8134512_/_8134509_1'	10	10	10	1	1.4	10	2.45 No	1	Thermal Discharging
STY075	59	'723571763_/_723571767_1'	10	10	10	1	1.4	10	2.45 No	1	Thermal Discharging
STY075	60	'723571746_/_723571812'	10	10	10	1	1.4	10	2.45 No	1	Thermal Discharging
STY075	61	'7162933_/_7162930'	10	10	10	1	10	10	2.45 No	1	Thermal Discharging
STY075	62	'4508984_/_7162950'	10	10	10	1	10	10	2.45 No	1	Thermal Discharging
STY075	63	'4508985_/_4508982'	10	10	10	1	10	10	2.45 No	1	Thermal Discharging
STY075	64	'4509008_/_4509005'	10	10	10	1	10	10	2.45 No	1	Thermal Discharging
STY075	65	'7641383_/_7641380_2'	10	10	10	1	0.9	10	2.45 No	0.9	Element Fault
STY075	66	'4509115_/_4509425'	10	10	10	1	10	10	2.45 No	1	Thermal Discharging
STY075	67	'4491530_/_4509113'	10	10	10	1	10	10	2.45 No	1	Thermal Discharging
STY075	68	'4509132_/_4509354'	10	10	10	1	10	10	2.45 No	1	Thermal Discharging
STY075	69	'4509133_/_4509130'	10	10	10	1	10	10	2.45 No	1	Thermal Discharging
STY075	70	'4491493_/_4491491_1'	10	10	10	1	1.4	10	2.45 No	1	Thermal Discharging
STY075	71	'4541497_/_4541515_2'	10	10	10	1	3.4	10	2.45 No	1	Thermal Discharging
STY075	72	'4509150_/_4509147'	10	10	10	1	10	10	2.45 No	1	Thermal Discharging
STY075	73	'4509167_/_4509164'	10	10	10	1	10	10	2.45 No	1	Thermal Discharging
STY075	74	'4509255_/_4509252'	10	10	10	1	10	10	2.45 No	1	Thermal Discharging
STY075	75	'4509272_/_4509269'	10	10	10	1	10	10	2.45 No	1	Thermal Discharging
STY075	76	'4509289_/_4509286'	10	10	10	1	10	10	2.45 No	1	Thermal Discharging
STY075	77	'4509306_/_4509303'	10	10	10	1	10	10	2.45 No	1	Thermal Discharging
STY075	78	'4491494_/_4491491_2'	10	10	10	1	1.4	10	2.45 No	1	Thermal Discharging
STY075	79	'4509323_/_4509320'	10	10	10	1	10	10	2.45 No	1	Thermal Discharging
STY075	80	'4509340_/_4509337'	10	10	10	1	10	10	2.45 No	1	Thermal Discharging
STY075	81	'4507094_/_4512847'	10	10	10	1	10	10	2.45 No	1	Thermal Discharging
STY075	82	'43532058_/_4541515_1'	10	10	10	1	1.4	10	2.45 No	1	Thermal Discharging
STY075	83	'4512867_/_4512864'	10	10	10	1	10	10	2.45 No	1	Thermal Discharging
STY075	84	'4498744_/_4512881'	10	10	10	1	10	10	2.45 No	1	Thermal Discharging
STY075	85	'4491511_/_4491508'	10	10	10	1	1.4	10	2.45 No	1	Thermal Discharging
STY075	86	'7912124_/_723571750'	10	10	10	1	1.4	10	2.45 No	1	Thermal Discharging
STY075	87	'4498762_/_4498759'	10	10	10	1	10	10	2.45 No	1	Thermal Discharging
STY075	88	'484249130_/_4509672'	10	10	10	1	10	10	2.45 No	1	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over- Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
STY075	89	'4509675_/484249134'		10	10	10	1	10	10	2.45 No	1 Thermal Discharging
STY075	90	'4509692_/4509689'		10	10	10	1	10	10	2.45 No	1 Thermal Discharging
STY075	91	'4509709_/4509706'		10	10	10	1	10	10	2.45 No	1 Thermal Discharging
STY075	92	'250891915_/4509723'		10	10	10	1	10	10	2.45 No	1 Thermal Discharging
STY075	93	'43527180_/250891917'		10	10	10	1	10	10	2.45 No	1 Thermal Discharging
STY075	94	'4491548_/4491545'		10	10	10	1	1.4	10	2.45 No	1 Thermal Discharging
STY075	95	'4509743_/4509740'		10	10	10	1	10	10	2.45 No	1 Thermal Discharging
STY075	96	'520591313_/520591361_1'		10	10	10	1	10	10	2.45 No	1 Thermal Discharging
STY075	97	'9533725_/9533722'		10	10	10	1	0.9	10	2.45 No	0.9 Element Fault
STY075	98	'4491568_/4491565'		10	10	10	1	1.4	10	2.45 No	1 Thermal Discharging
STY075	99	'593101273_/520591361_2'		10	10	10	1	10	10	2.45 No	1 Thermal Discharging
STY075	100	'520591240_/520591361_3'		10	10	10	1	10	10	2.45 No	1 Thermal Discharging
STY075	101	'4509896_/4509910'		10	10	10	1	10	10	2.45 No	1 Thermal Discharging
STY075	102	'4509879_/4509893'		10	10	10	1	10	10	2.45 No	1 Thermal Discharging
STY075	103	'4510898_/4510895'		10	10	10	1	10	10	2.45 No	1 Thermal Discharging
STY075	104	'43527228_/43527230'		10	10	10	1	10	10	2.45 No	1 Thermal Discharging
STY075	105	'4538973_/4538990_1'		10	10	10	1	1.4	10	2.45 No	1 Thermal Discharging
STY075	106	'4509845_/4509859'		10	10	10	1	10	10	2.45 No	1 Thermal Discharging
STY075	107	'4538354_/4538351'	3.33	3.33	3.33	0.33	1.5	3.33	0.82 No	0.33 Thermal Discharging	
STY075	108	'4538367_/4538375_1'	3.33	3.33	3.33	0.33	0.4	3.33	0.82 No	0.33 Thermal Discharging	
STY075	109	'4509844_/4509842'		10	10	10	1	10	10	2.45 No	1 Thermal Discharging
STY075	110	'52623039_/4514151'		10	10	10	1	10	10	2.45 No	1 Thermal Discharging
STY075	111	'4514141_/52623041'		10	10	10	1	10	10	2.45 No	1 Thermal Discharging
STY075	112	'4513562_/4513559_2'	3.33	3.33	3.33	0.33	1	3.33	0.82 No	0.33 Thermal Discharging	
STY075	113	'7165677_/7165688_1'	3.33	3.33	3.33	0.33	0.5	3.33	0.82 No	0.33 Thermal Discharging	
STY075	114	'43527456_/4514171'		10	10	10	1	10	10	2.45 No	1 Thermal Discharging
STY075	115	'4510200_/43527458'		10	10	10	1	10	10	2.45 No	1 Thermal Discharging
STY075	116	'43531928_/4538990_2'		10	10	10	1	1.4	10	2.45 No	1 Thermal Discharging
STY075	117	'43527469_/4510214'		10	10	10	1	10	10	2.45 No	1 Thermal Discharging
STY075	118	'43527206_/4538375_2'	3.33	3.33	3.33	0.33	0.4	3.33	0.82 No	0.33 Thermal Discharging	
STY075	119	'4492803_/4510231'		10	10	10	1	10	10	2.45 No	1 Thermal Discharging
STY075	120	'4492786_/4492783_2'		10	10	10	1	3.1	10	2.45 No	1 Thermal Discharging
STY075	121	'43527482_/4510248'		10	10	10	1	10	10	2.45 No	1 Thermal Discharging
STY075	122	'4492851_/4492849_1'	3.33	3.33	3.33	0.33	0.4	3.33	0.82 No	0.33 Thermal Discharging	
STY075	123	'4492730_/7165688_2'	3.33	3.33	3.33	0.33	0.5	3.33	0.82 No	0.33 Thermal Discharging	
STY075	124	'4539009_/43531930'		10	10	10	1	1.4	10	2.45 No	1 Thermal Discharging
STY075	125	'4510268_/43527484'		10	10	10	1	10	10	2.45 No	1 Thermal Discharging
STY075	126	'4510285_/4510282'		10	10	10	1	10	10	2.45 No	1 Thermal Discharging
STY075	127	'4492715_/4513559_1'	3.33	3.33	3.33	0.33	0.4	3.33	0.82 No	0.33 Thermal Discharging	
STY075	128	'4510302_/4510299'		10	10	10	1	10	10	2.45 No	1 Thermal Discharging
STY075	129	'4493026_/4510316'		10	10	10	1	10	10	2.45 No	1 Thermal Discharging
STY075	130	'387531225_/387531205_1'	3.33	3.33	3.33	0.33	0.4	3.33	0.82 No	0.33 Thermal Discharging	
STY075	131	'4510339_/4510336'		10	10	10	1	10	10	2.45 No	1 Thermal Discharging
STY075	132	'4539010_/4539007'	3.33	3.33	3.33	0.33	0.47	3.33	0.82 No	0.33 Thermal Discharging	
STY075	133	'4510359_/4510356'		10	10	10	1	10	10	2.45 No	1 Thermal Discharging
STY075	134	'44955422_/4538547'	3.33	3.33	3.33	0.33	0.47	3.33	0.82 No	0.33 Thermal Discharging	
STY075	135	'4510376_/4510373'		10	10	10	1	10	10	2.45 No	1 Thermal Discharging
STY075	136	'4492075_/4492712'	3.33	3.33	3.33	0.33	0.4	3.33	0.82 No	0.33 Thermal Discharging	
STY075	137	'4510393_/4510390'		10	10	10	1	10	10	2.45 No	1 Thermal Discharging
STY075	138	'4492731_/4492728'	3.33	3.33	3.33	0.33	0.5	3.33	0.82 No	0.33 Thermal Discharging	
STY075	139	'4510412_/4510410'		10	10	10	1	1.4	10	2.45 No	1 Thermal Discharging
STY075	140	'4538390_/43527208'	3.33	3.33	3.33	0.33	0.4	3.33	0.82 No	0.33 Thermal Discharging	
STY075	141	'43527531_/4539713'		10	10	10	1	10	10	2.45 No	1 Thermal Discharging
STY075	142	'4492785_/4492783_1'		10	10	10	1	1.4	10	2.45 No	1 Thermal Discharging
STY075	143	'4510429_/4538456'		10	10	10	1	10	10	2.45 No	1 Thermal Discharging
STY075	144	'4492772_/4492849_2'	3.33	3.33	3.33	0.33	0.4	3.33	0.82 No	0.33 Thermal Discharging	
STY075	145	'4510430_/4510427'		10	10	10	1	10	10	2.45 No	1 Thermal Discharging
STY075	146	'43527644_/4510569'		10	10	10	1	10	10	2.45 No	1 Thermal Discharging
STY075	147	'43527241_/4492073'	3.33	3.33	3.33	0.33	0.4	3.33	0.82 No	0.33 Thermal Discharging	
STY075	148	'8902037_/8902034'		10	10	10	1	1.4	10	2.45 No	1 Thermal Discharging
STY075	149	'4510589_/43527646'		10	10	10	1	10	10	2.45 No	1 Thermal Discharging
STY075	150	'4510606_/4510603'		10	10	10	1	10	10	2.45 No	1 Thermal Discharging
STY075	151	'4510623_/4510620'		10	10	10	1	10	10	2.45 No	1 Thermal Discharging
STY075	152	'4492702_/4492699'	3.33	3.33	3.33	0.33	0.4	3.33	0.82 No	0.33 Thermal Discharging	
STY075	153	'4510640_/4510637'		10	10	10	1	10	10	2.45 No	1 Thermal Discharging
STY075	154	'4510657_/4510654'		10	10	10	1	10	10	2.45 No	1 Thermal Discharging
STY075	155	'4492744_/4492741'	3.33	3.33	3.33	0.33	0.5	3.33	0.82 No	0.33 Thermal Discharging	
STY075	156	'4492076_/43527243'	3.33	3.33	3.33	0.33	0.4	3.33	0.82 No	0.33 Thermal Discharging	
STY075	157	'4492823_/4492820'	3.33	3.33	3.33	0.33	0.4	3.33	0.82 No	0.33 Thermal Discharging	
STY075	158	'4510674_/4510671'		10	10	10	1	10	10	2.45 No	1 Thermal Discharging
STY075	159	'4493338_/4493336'	3.33	3.33	3.33	0.33	0.5	3.33	0.82 No	0.33 Thermal Discharging	
STY075	160	'4493055_/4493066'		10	10	10	1	1.4	10	2.45 No	1 Thermal Discharging
STY075	161	'4510691_/4510688'		10	10	10	1	10	10	2.45 No	1 Thermal Discharging
STY075	162	'43527217_/4538388'	3.33	3.33	3.33	0.33	0.4	3.33	0.82 No	0.33 Thermal Discharging	
STY075	163	'7326169_/7326167_1'		10	10	10	1	0.9	10	2.45 No	0.9 Element Fault
STY075	164	'4492773_/4492770'	3.33	3.33	3.33	0.33	0.4	3.33	0.82 No	0.33 Thermal Discharging	
STY075	165	'43531892_/4510705'		10	10	10	1	10	10	2.45 No	1 Thermal Discharging
STY075	166	'4493124_/408219821'		10	10	10	1	10	10	2.45 No	1 Thermal Discharging
STY075	167	'4510742_/4510739'		10	10	10	1	10	10	2.45 No	1 Thermal Discharging
STY075	168	'4493125_/4493138_1'	3.33	3.33	3.33	0.33	0.4	3.33	0.82 No	0.33 Thermal Discharging	
STY075	169	'4492836_/4492833'	3.33	3.33	3.33	0.33	0.4	3.33	0.82 No	0.33 Thermal Discharging	
STY075	170	'455112926_/7326167_2'		10	10	10	1	0.9	10	2.45 No	0.9 Element Fault
STY075	171	'43527657_/4510756'		10	10	10	1	10	10	2.45 No	1 Thermal Discharging
STY075	172	'4510776_/4510773'		10	10	10	1	10	10	2.45 No	1 Thermal Discharging
STY075	173	'43527445_/4493323'	3.33	3.33	3.33	0.33	0.5	3.33	0.82 No	0.33 Thermal Discharging	
STY075	174	'7326170_/455112949'		10	10	10	1	0.9	10	2.45 No	0.9 Element Fault
STY075	175	'4510793_/4510790'		10	10	10	1	10	10	2.45 No	1 Thermal Discharging
STY075	176	'43531603_/4513979'		10	10	10	1	10	10	2.45 No	1 Thermal Discharging
STY075	177	'4538403_/43527219'	3.33	3.33	3.33	0.33	0.4	3.33	0.82 No	0.33 Thermal Discharging	
STY075	178	'4493040_/4493053'	3.33	3.33	3.33	0.33	0.47	3.33	0.82 No	0.33 Thermal Discharging	
STY075	179	'4511538_/43531605'		10	10	10	1	10	10	2.45 No	1 Thermal Discharging
STY075	180	'4493141_/4493138_2'	3.33	3.33	3.33	0.33	0.4	3.33	0.82 No	0.33 Thermal Discharging	
STY075	181	'43527252_/374603120'	3.33	3.33	3.33	0.33	0.5	3.33	0.82 No	0.33 Thermal Discharging	
STY075	182	'4511539_/4511536'		10	10	10	1	10	10	2.45 No	1 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over- Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
STY075	183	'43529361_/_4511553'		10	10	10	1	10	10	2.45 No	1 Thermal Discharging
STY075	184	'44068551_/_4492757'	3.33		3.33	3.33	0.33	0.5	3.33	0.82 No	0.33 Thermal Discharging
STY075	185	'45115173_/_43529363'		10	10	10	1	10	10	2.45 No	1 Thermal Discharging
STY075	186	'43529374_/_4512915'		10	10	10	1	10	10	2.45 No	1 Thermal Discharging
STY075	187	'4538404_/_4538401'	3.33		3.33	3.33	0.33	0.4	3.33	0.82 No	0.33 Thermal Discharging
STY075	188	'4512015_/_4512932'		10	10	10	1	10	10	2.45 No	1 Thermal Discharging
STY075	189	'4493039_/_4493037'	3.33		3.33	3.33	0.33	0.47	3.33	0.82 No	0.33 Thermal Discharging
STY075	190	'4511658_/_4512030'		10	10	10	1	10	10	2.45 No	1 Thermal Discharging
STY075	191	'4512016_/_4512013'		10	10	10	1	10	10	2.45 No	1 Thermal Discharging
STY075	192	'4511641_/_4511655'		10	10	10	1	10	10	2.45 No	1 Thermal Discharging
STY075	193	'4511624_/_4511638'		10	10	10	1	10	10	2.45 No	1 Thermal Discharging
STY075	194	'4511607_/_4511621'		10	10	10	1	10	10	2.45 No	1 Thermal Discharging
STY075	195	'4511590_/_4511604'		10	10	10	1	10	10	2.45 No	1 Thermal Discharging
STY075	196	'4492092_/_43527254'	3.33		3.33	3.33	0.33	0.5	3.33	0.82 No	0.33 Thermal Discharging
STY075	197	'4511589_/_4511587'		10	10	10	1	10	10	2.45 No	1 Thermal Discharging
STY075	198	'43529435_/_4511672'		10	10	10	1	10	10	2.45 No	1 Thermal Discharging
STY075	199	'4511692_/_4511689'		10	10	10	1	10	10	2.45 No	1 Thermal Discharging
STY075	200	'43529422_/_4511706'		10	10	10	1	10	10	2.45 No	1 Thermal Discharging
STY075	201	'43527692_/_44068553'	3.33		3.33	3.33	0.33	0.5	3.33	0.82 No	0.33 Thermal Discharging
STY075	202	'4496536_/_4511723'		10	10	10	1	10	10	2.45 No	1 Thermal Discharging
STY075	203	'4496537_/_4496547_1'	3.33		3.33	3.33	0.33	0.4	3.33	0.82 No	0.33 Thermal Discharging
STY075	204	'43529409_/_4511740'		10	10	10	1	10	10	2.45 No	1 Thermal Discharging
STY075	205	'4500274_/_43529411'		10	10	10	1	10	10	2.45 No	1 Thermal Discharging
STY075	206	'4500275_/_4500272'		10	10	10	1	10	10	2.45 No	1 Thermal Discharging
STY075	207	'4500295_/_4500292'		10	10	10	1	10	10	2.45 No	1 Thermal Discharging
STY075	208	'43529461_/_4496547_2'	3.33		3.33	3.33	0.33	0.4	3.33	0.82 No	0.33 Thermal Discharging
STY075	209	'4500315_/_4500312'		10	10	10	1	1.4	10	2.45 No	1 Thermal Discharging
STY075	210	'4500419_/_4500429_1'	3.33		3.33	3.33	0.33	0.4	3.33	0.82 No	0.33 Thermal Discharging
STY075	211	'4511885_/_4511882'		10	10	10	1	10	10	2.45 No	1 Thermal Discharging
STY075	212	'4500331_/_4500363'		10	10	10	1	1.4	10	2.45 No	1 Thermal Discharging
STY075	213	'428481622_/_387531205_2'	3.33		3.33	3.33	0.33	0.4	3.33	0.82 No	0.33 Thermal Discharging
STY075	214	'4511905_/_4511902'		10	10	10	1	10	10	2.45 No	1 Thermal Discharging
STY075	215	'43531757_/_4500398'	6.67		6.67	6.67	0.67	3	6.67	1.64 No	0.67 Thermal Discharging
STY075	216	'4493167_/_4493164'	3.33		3.33	3.33	0.33	0.5	3.33	0.82 No	0.33 Thermal Discharging
STY075	217	'4511925_/_4511922'		10	10	10	1	10	10	2.45 No	1 Thermal Discharging
STY075	218	'4496550_/_43529463'	3.33		3.33	3.33	0.33	0.4	3.33	0.82 No	0.33 Thermal Discharging
STY075	219	'4511942_/_4511939'		10	10	10	1	10	10	2.45 No	1 Thermal Discharging
STY075	220	'4511959_/_4511956'		10	10	10	1	10	10	2.45 No	1 Thermal Discharging
STY075	221	'43529717_/_4500429_2'	3.33		3.33	3.33	0.33	0.4	3.33	0.82 No	0.33 Thermal Discharging
STY075	222	'4511976_/_4511973'		10	10	10	1	10	10	2.45 No	1 Thermal Discharging
STY075	223	'4500332_/_4500329'		10	10	10	1	1.4	10	2.45 No	1 Thermal Discharging
STY075	224	'43529728_/_4500380'	6.67		6.67	6.67	0.67	3	6.67	1.64 No	0.67 Thermal Discharging
STY075	225	'4512050_/_4512047'		10	10	10	1	10	10	2.45 No	1 Thermal Discharging
STY075	226	'43527670_/_4493177'	3.33		3.33	3.33	0.33	0.5	3.33	0.82 No	0.33 Thermal Discharging
STY075	227	'428481694_/_428481713'	3.33		3.33	3.33	0.33	0.4	3.33	0.82 No	0.33 Thermal Discharging
STY075	228	'4512070_/_4512067'		10	10	10	1	10	10	2.45 No	1 Thermal Discharging
STY075	229	'4512087_/_4512084'		10	10	10	1	10	10	2.45 No	1 Thermal Discharging
STY075	230	'4563582_/_4576600'		10	10	10	1	10	10	2.45 No	1 Thermal Discharging
STY075	231	'4563583_/_7082630_1'	6.67		6.67	6.67	0.67	1	6.67	1.64 No	0.67 Thermal Discharging
STY075	232	'43529740_/_4500346'		10	10	10	1	1.4	10	2.45 No	1 Thermal Discharging
STY075	233	'4575534_/_4576583'		10	10	10	1	10	10	2.45 No	1 Thermal Discharging
STY075	234	'4575533_/_4575544_1'	3.33		3.33	3.33	0.33	0.5	3.33	0.82 No	0.33 Thermal Discharging
STY075	235	'4493193_/_43527672'	3.33		3.33	3.33	0.33	0.5	3.33	0.82 No	0.33 Thermal Discharging
STY075	236	'4500432_/_43529719'	3.33		3.33	3.33	0.33	0.4	3.33	0.82 No	0.33 Thermal Discharging
STY075	237	'4576529_/_4576546'		10	10	10	1	10	10	2.45 No	1 Thermal Discharging
STY075	238	'65564139_/_65564115_1'	3.33		3.33	3.33	0.33	0.3	3.33	0.82 No	0.3 Element Fault
STY075	239	'4500383_/_43529730'	6.67		6.67	6.67	0.67	3	6.67	1.64 No	0.67 Thermal Discharging
STY075	240	'4563528_/_4576526'		10	10	10	1	10	10	2.45 No	1 Thermal Discharging
STY075	241	'418641503_/_418641391_2'	3.33		3.33	3.33	0.33	1.4	3.33	0.82 No	0.33 Thermal Discharging
STY075	242	'4575547_/_4575544_2'	3.33		3.33	3.33	0.33	0.5	3.33	0.82 No	0.33 Thermal Discharging
STY075	243	'43536658_/_4563525'		10	10	10	1	10	10	2.45 No	1 Thermal Discharging
STY075	244	'4563548_/_4563545'		10	10	10	1	10	10	2.45 No	1 Thermal Discharging
STY075	245	'428481659_/_428481731'	3.33		3.33	3.33	0.33	0.4	3.33	0.82 No	0.33 Thermal Discharging
STY075	246	'4563510_/_4563508'		10	10	10	1	10	10	2.45 No	1 Thermal Discharging
STY075	247	'4500349_/_43529742'		10	10	10	1	1.4	10	2.45 No	1 Thermal Discharging
STY075	248	'4576495_/_4576492'		10	10	10	1	10	10	2.45 No	1 Thermal Discharging
STY075	249	'4500447_/_7082630_2'	6.67		6.67	6.67	0.67	1	6.67	1.64 No	0.67 Thermal Discharging
STY075	250	'7329029_/_395153604_1'	3.33		3.33	3.33	0.33	0.3	3.33	0.82 No	0.3 Element Fault
STY075	251	'4507171_/_7082610'		10	10	10	1	10	10	2.45 No	1 Thermal Discharging
STY075	252	'7962441_/_7962439_1'	3.33		3.33	3.33	0.33	0.5	3.33	0.82 No	0.33 Thermal Discharging
STY075	253	'4573468_/_4576509'		10	10	10	1	10	10	2.45 No	1 Thermal Discharging
STY075	254	'43527681_/_4493203'	3.33		3.33	3.33	0.33	0.5	3.33	0.82 No	0.33 Thermal Discharging
STY075	255	'76649105_/_68923643_1'		10	10	10	1	10	10	2.45 No	1 Thermal Discharging
STY075	256	'4507170_/_4507168'		10	10	10	1	10	10	2.45 No	1 Thermal Discharging
STY075	257	'434937954_/_4507204_1'	3.33		3.33	3.33	0.33	0.5	3.33	0.82 No	0.33 Thermal Discharging
STY075	258	'4513158_/_4513156'		10	10	10	1	10	10	2.45 No	1 Thermal Discharging
STY075	259	'7643617_/_418641391_1'	3.33		3.33	3.33	0.33	0.4	3.33	0.82 No	0.33 Thermal Discharging
STY075	260	'4513195_/_4513193'		10	10	10	1	10	10	2.45 No	1 Thermal Discharging
STY075	261	'4498781_/_4541615'		10	10	10	1	10	10	2.45 No	1 Thermal Discharging
STY075	262	'43532246_/_43532248'		10	10	10	1	10	10	2.45 No	1 Thermal Discharging
STY075	263	'656098350_/_656098139_1'	6.67		6.67	6.67	0.67	0.9	6.67	1.64 No	0.67 Thermal Discharging
STY075	264	'656098412_/_4541650_1'	6.67		6.67	6.67	0.67	0.9	6.67	1.64 No	0.67 Thermal Discharging
STY075	265	'73650780_/_43529566'		10	10	10	1	10	10	2.45 No	1 Thermal Discharging
STY075	266	'65564055_/_65564029'	3.33		3.33	3.33	0.33	0.5	3.33	0.82 No	0.33 Thermal Discharging
STY075	267	'387531186_/_428481663'	3.33		3.33	3.33	0.33	0.4	3.33	0.82 No	0.33 Thermal Discharging
STY075	268	'65564108_/_65564115_2'	3.33		3.33	3.33	0.33	0.3	3.33	0.82 No	0.3 Element Fault
STY075	269	'441694845_/_73650735_1'	6.67		6.67	6.67	0.67	0.9	6.67	1.64 No	0.67 Thermal Discharging
STY075	270	'7329030_/_395153604_2'	3.33		3.33	3.33	0.33	0.3	3.33	0.82 No	0.3 Element Fault
STY075	271	'4465089_/_4511865'		10	10	10	1	10	10	2.45 No	1 Thermal Discharging
STY075	272	'4541634_/_4541650_2'	6.67		6.67	6.67	0.67	0.9	6.67	1.64 No	0.67 Thermal Discharging
STY075	273	'4465002_/_4511831'		10	10	10	1	10	10	2.45 No	1 Thermal Discharging
STY075	274	'4511800_/_4511814'		10	10	10	1	10	10	2.45 No	1 Thermal Discharging
STY075	275	'65564083_/_65564060'	3.33		3.33	3.33	0.33	0.5	3.33	0.82 No	0.33 Thermal Discharging
STY075	276	'7962442_/_7962439_2'	3.33		3.33	3.33	0.33	0.5	3.33	0.82 No	0.33 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
STY075	277	'4511783_/_4511797'		10	10	10	1	10	10	2.45 No	1 Thermal Discharging
STY075	278	'4496630_/_4507204_2'		3.33	3.33	3.33	0.33	0.5	3.33	0.82 No	0.33 Thermal Discharging
STY075	279	'123295205_/_656098139_2'		6.67	6.67	6.67	0.67	0.9	6.67	1.64 No	0.67 Thermal Discharging
STY075	280	'4464989_/_4464986_2'		3.33	3.33	3.33	0.33	1.1	3.33	0.82 No	0.33 Thermal Discharging
STY075	281	'438885986_/_73650735_2'		6.67	6.67	6.67	0.67	0.9	6.67	1.64 No	0.67 Thermal Discharging
STY075	282	'4511782_/_4511780'		10	10	10	1	10	10	2.45 No	1 Thermal Discharging
STY075	283	'423561593_/_418641346_1'		3.33	3.33	3.33	0.33	0.4	3.33	0.82 No	0.33 Thermal Discharging
STY075	284	'4517115_/_4517113'		10	10	10	1	10	10	2.45 No	1 Thermal Discharging
STY075	285	'7326442_/_8879972_1'		10	10	10	1	1.4	10	2.45 No	1 Thermal Discharging
STY075	286	'4464976_/_4464986_1'		3.33	3.33	3.33	0.33	0.5	3.33	0.82 No	0.33 Thermal Discharging
STY075	287	'43529505_/_43529507'		6.67	6.67	6.67	0.67	2.1	6.67	1.64 No	0.67 Thermal Discharging
STY075	288	'142342504_/_4517130_2'		10	10	10	1	10	10	2.45 No	1 Thermal Discharging
STY075	289	'4511502_/_4517130_1'		10	10	10	1	10	10	2.45 No	1 Thermal Discharging
STY075	290	'4465074_/_43529519_2'		6.67	6.67	6.67	0.67	2.1	6.67	1.64 No	0.67 Thermal Discharging
STY075	291	'4500448_/_4500445'		6.67	6.67	6.67	0.67	1	6.67	1.64 No	0.67 Thermal Discharging
STY075	292	'4511485_/_116323240'		10	10	10	1	10	10	2.45 No	1 Thermal Discharging
STY075	293	'43529590_/_656098160'		6.67	6.67	6.67	0.67	0.9	6.67	1.64 No	0.67 Thermal Discharging
STY075	294	'4541635_/_43532261'		6.67	6.67	6.67	0.67	0.9	6.67	1.64 No	0.67 Thermal Discharging
STY075	295	'4511379_/_4511499'		10	10	10	1	10	10	2.45 No	1 Thermal Discharging
STY075	296	'43529517_/_43529519_1'		6.67	6.67	6.67	0.67	0.9	6.67	1.64 No	0.67 Thermal Discharging
STY075	297	'116323203_/_4511377'		10	10	10	1	10	10	2.45 No	1 Thermal Discharging
STY075	298	'70128204_/_70128201'		10	10	10	1	10	10	2.45 No	1 Thermal Discharging
STY075	299	'116323232_/_116323205_1'		10	10	10	1	10	10	2.45 No	1 Thermal Discharging
STY075	300	'142341828_/_4496687'		10	10	10	1	3.4	10	2.45 No	1 Thermal Discharging
STY075	301	'8879975_/_8879972_2'		10	10	10	1	1.4	10	2.45 No	1 Thermal Discharging
STY075	302	'4511397_/_116323205_2'		10	10	10	1	10	10	2.45 No	1 Thermal Discharging
STY075	303	'4511414_/_4511411'		10	10	10	1	10	10	2.45 No	1 Thermal Discharging
STY075	304	'142341866_/_142341832_1'		10	10	10	1	1.4	10	2.45 No	1 Thermal Discharging
STY075	305	'7912074_/_8585804_1'		3.33	3.33	3.33	0.33	0.4	3.33	0.82 No	0.33 Thermal Discharging
STY075	306	'4511430_/_4512949'		10	10	10	1	10	10	2.45 No	1 Thermal Discharging
STY075	307	'4496385_/_4511428'		10	10	10	1	10	10	2.45 No	1 Thermal Discharging
STY075	308	'4496368_/_43529317_1'		3.33	3.33	3.33	0.33	0.4	3.33	0.82 No	0.33 Thermal Discharging
STY075	309	'4511448_/_4511445'		10	10	10	1	10	10	2.45 No	1 Thermal Discharging
STY075	310	'4465014_/_4465053'		6.67	6.67	6.67	0.67	0.9	6.67	1.64 No	0.67 Thermal Discharging
STY075	311	'7641243_/_418641346_2'		3.33	3.33	3.33	0.33	0.4	3.33	0.82 No	0.33 Thermal Discharging
STY075	312	'4464963_/_4464973'		3.33	3.33	3.33	0.33	0.5	3.33	0.82 No	0.33 Thermal Discharging
STY075	313	'4507238_/_4511993'		10	10	10	1	10	10	2.45 No	1 Thermal Discharging
STY075	314	'43529601_/_656098203'		6.67	6.67	6.67	0.67	0.9	6.67	1.64 No	0.67 Thermal Discharging
STY075	315	'4494452_/_4512586'		10	10	10	1	10	10	2.45 No	1 Thermal Discharging
STY075	316	'4507239_/_4516781_1'		3.33	3.33	3.33	0.33	0.5	3.33	0.82 No	0.33 Thermal Discharging
STY075	317	'4511125_/_4511139'		10	10	10	1	10	10	2.45 No	1 Thermal Discharging
STY075	318	'43529529_/_4465012'		6.67	6.67	6.67	0.67	0.9	6.67	1.64 No	0.67 Thermal Discharging
STY075	319	'4494453_/_4494463_1'		3.33	3.33	3.33	0.33	0.5	3.33	0.82 No	0.33 Thermal Discharging
STY075	320	'43528816_/_43528818'		10	10	10	1	10	10	2.45 No	1 Thermal Discharging
STY075	321	'43529634_/_4496628'		3.33	3.33	3.33	0.33	0.5	3.33	0.82 No	0.33 Thermal Discharging
STY075	322	'43529645_/_142341832_2'		10	10	10	1	1.4	10	2.45 No	1 Thermal Discharging
STY075	323	'4511091_/_4511105'		10	10	10	1	10	10	2.45 No	1 Thermal Discharging
STY075	324	'4511074_/_4511088'		10	10	10	1	10	10	2.45 No	1 Thermal Discharging
STY075	325	'9222364_/_9536354'		3.33	3.33	3.33	0.33	0.5	3.33	0.82 No	0.33 Thermal Discharging
STY075	326	'4496369_/_43529317_2'		3.33	3.33	3.33	0.33	0.4	3.33	0.82 No	0.33 Thermal Discharging
STY075	327	'4500632_/_4500629'		6.67	6.67	6.67	0.67	1	6.67	1.64 No	0.67 Thermal Discharging
STY075	328	'4465015_/_43529531'		6.67	6.67	6.67	0.67	0.9	6.67	1.64 No	0.67 Thermal Discharging
STY075	329	'8233449_/_395153615'		3.33	3.33	3.33	0.33	0.3	3.33	0.82 No	0.3 Element Fault
STY075	330	'4511057_/_4511071'		10	10	10	1	10	10	2.45 No	1 Thermal Discharging
STY075	331	'43528803_/_43528805'		10	10	10	1	10	10	2.45 No	1 Thermal Discharging
STY075	332	'4511039_/_4511037'		10	10	10	1	10	10	2.45 No	1 Thermal Discharging
STY075	333	'4496592_/_656098249'		6.67	6.67	6.67	0.67	0.9	6.67	1.64 No	0.67 Thermal Discharging
STY075	334	'4494296_/_4511156'		10	10	10	1	10	10	2.45 No	1 Thermal Discharging
STY075	335	'4494466_/_4494463_2'		3.33	3.33	3.33	0.33	0.5	3.33	0.82 No	0.33 Thermal Discharging
STY075	336	'8585790_/_8585804_2'		3.33	3.33	3.33	0.33	0.4	3.33	0.82 No	0.33 Thermal Discharging
STY075	337	'43529494_/_4464960'		3.33	3.33	3.33	0.33	0.5	3.33	0.82 No	0.33 Thermal Discharging
STY075	338	'4494297_/_4494307_1'		3.33	3.33	3.33	0.33	0.5	3.33	0.82 No	0.33 Thermal Discharging
STY075	339	'4511006_/_4511020'		10	10	10	1	10	10	2.45 No	1 Thermal Discharging
STY075	340	'4465107_/_4465104'		6.67	6.67	6.67	0.67	0.9	6.67	1.64 No	0.67 Thermal Discharging
STY075	341	'4510989_/_4511003'		10	10	10	1	10	10	2.45 No	1 Thermal Discharging
STY075	342	'43529339_/_4516781_2'		3.33	3.33	3.33	0.33	0.5	3.33	0.82 No	0.33 Thermal Discharging
STY075	343	'4510972_/_4510986'		10	10	10	1	10	10	2.45 No	1 Thermal Discharging
STY075	344	'4510955_/_4510969'		10	10	10	1	10	10	2.45 No	1 Thermal Discharging
STY075	345	'4494310_/_4494307_2'		3.33	3.33	3.33	0.33	0.5	3.33	0.82 No	0.33 Thermal Discharging
STY075	346	'43528768_/_4510952'		10	10	10	1	10	10	2.45 No	1 Thermal Discharging
STY075	347	'4500650_/_4500647'		6.67	6.67	6.67	0.67	1	6.67	1.64 No	0.67 Thermal Discharging
STY075	348	'4500572_/_43529647'		10	10	10	1	1.4	10	2.45 No	1 Thermal Discharging
STY075	349	'4537657_/_4537671'		10	10	10	1	10	10	2.45 No	1 Thermal Discharging
STY075	350	'4507223_/_43529636'		3.33	3.33	3.33	0.33	0.5	3.33	0.82 No	0.33 Thermal Discharging
STY075	351	'4537656_/_4537654'		10	10	10	1	10	10	2.45 No	1 Thermal Discharging
STY075	352	'43529612_/_656098260'		6.67	6.67	6.67	0.67	0.9	6.67	1.64 No	0.67 Thermal Discharging
STY075	353	'4465030_/_4465027'		3.33	3.33	3.33	0.33	0.45	3.33	0.82 No	0.33 Thermal Discharging
STY075	354	'43532106_/_43532108'		10	10	10	1	10	10	2.45 No	1 Thermal Discharging
STY075	355	'4465140_/_4465150_1'		3.33	3.33	3.33	0.33	0.3	3.33	0.82 No	0.3 Element Fault
STY075	356	'4537708_/_4539462'		10	10	10	1	10	10	2.45 No	1 Thermal Discharging
STY075	357	'8585791_/_8585788'		3.33	3.33	3.33	0.33	0.4	3.33	0.82 No	0.33 Thermal Discharging
STY075	358	'43528829_/_4537705'		10	10	10	1	10	10	2.45 No	1 Thermal Discharging
STY075	359	'4465153_/_4465150_2'		3.33	3.33	3.33	0.33	0.3	3.33	0.82 No	0.3 Element Fault
STY075	360	'4563564_/_7082651'		6.67	6.67	6.67	0.67	1	6.67	1.64 No	0.67 Thermal Discharging
STY075	361	'4537724_/_4537722'		10	10	10	1	10	10	2.45 No	1 Thermal Discharging
STY075	362	'4498499_/_4537739'		10	10	10	1	10	10	2.45 No	1 Thermal Discharging
STY075	363	'4464937_/_4464947'		3.33	3.33	3.33	0.33	0.5	3.33	0.82 No	0.33 Thermal Discharging
STY075	364	'43529658_/_4500570'		10	10	10	1	1.4	10	2.45 No	1 Thermal Discharging
STY075	365	'4537639_/_4537637'		10	10	10	1	10	10	2.45 No	1 Thermal Discharging
STY075	366	'4498500_/_4498513_1'		3.33	3.33	3.33	0.33	0.5	3.33	0.82 No	0.33 Thermal Discharging
STY075	367	'4494323_/_4494320'		3.33	3.33	3.33	0.33	0.5	3.33	0.82 No	0.33 Thermal Discharging
STY075	368	'4498473_/_4537688'		10	10	10	1	10	10	2.45 No	1 Thermal Discharging
STY075	369	'4498382_/_4537620'		10	10	10	1	10	10	2.45 No	1 Thermal Discharging
STY075	370	'4465125_/_4465122'		6.67	6.67	6.67	0.67	0.9	6.67	1.64 No	0.67 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
STY075	371	'154723477_/_4563562'		6.67	6.67	6.67	0.67	1	6.67	1.64 No	0.67 Thermal Discharging
STY075	372	'4500533_/_43529341'		3.33	3.33	3.33	0.33	0.5	3.33	0.82 No	0.33 Thermal Discharging
STY075	373	'402359960_/_45371105_1'		3.33	3.33	3.33	0.33	0.5	3.33	0.82 No	0.33 Thermal Discharging
STY075	374	'4494479_/_4494476'		3.33	3.33	3.33	0.33	0.5	3.33	0.82 No	0.33 Thermal Discharging
STY075	375	'4498461_/_4498471_1'		3.33	3.33	3.33	0.33	0.5	3.33	0.82 No	0.33 Thermal Discharging
STY075	376	'4496618_/_656098275'		6.67	6.67	6.67	0.67	0.9	6.67	1.64 No	0.67 Thermal Discharging
STY075	377	'4498177_/_4537586'		10	10	10	1	10	10	2.45 No	1 Thermal Discharging
STY075	378	'4498160_/_4498157_2'		10	10	10	1	4.5	10	2.45 No	1 Thermal Discharging
STY075	379	'4465166_/_4465163'		3.33	3.33	3.33	0.33	0.3	3.33	0.82 No	0.3 Element Fault
STY075	380	'369191053_/_4498194_1'		10	10	10	1	3.5	10	2.45 No	1 Thermal Discharging
STY075	381	'4537552_/_4537566'		10	10	10	1	10	10	2.45 No	1 Thermal Discharging
STY075	382	'379112790_/_4500590'		3.33	3.33	3.33	0.33	0.47	3.33	0.82 No	0.33 Thermal Discharging
STY075	383	'4465043_/_4465040'		3.33	3.33	3.33	0.33	0.45	3.33	0.82 No	0.33 Thermal Discharging
STY075	384	'4498516_/_4498513_2'		3.33	3.33	3.33	0.33	0.5	3.33	0.82 No	0.33 Thermal Discharging
STY075	385	'4563565_/_154723479'		6.67	6.67	6.67	0.67	1	6.67	1.64 No	0.67 Thermal Discharging
STY075	386	'4537535_/_4537549'		10	10	10	1	10	10	2.45 No	1 Thermal Discharging
STY075	387	'7476601_/_418641369'		3.33	3.33	3.33	0.33	0.4	3.33	0.82 No	0.33 Thermal Discharging
STY075	388	'156856284_/_4537532_2'		10	10	10	1	10	10	2.45 No	1 Thermal Discharging
STY075	389	'4537095_/_4537105_2'		3.33	3.33	3.33	0.33	0.5	3.33	0.82 No	0.33 Thermal Discharging
STY075	390	'43528781_/_4494333'		3.33	3.33	3.33	0.33	0.5	3.33	0.82 No	0.33 Thermal Discharging
STY075	391	'50724273_/_4498471_2'		3.33	3.33	3.33	0.33	0.5	3.33	0.82 No	0.33 Thermal Discharging
STY075	392	'8278514_/_148909120'		3.33	3.33	3.33	0.33	0.3	3.33	0.82 No	0.3 Element Fault
STY075	393	'4537173_/_4537170'		3.33	3.33	3.33	0.33	0.5	3.33	0.82 No	0.33 Thermal Discharging
STY075	394	'4495474_/_4495472'		3.33	3.33	3.33	0.33	0.5	3.33	0.82 No	0.33 Thermal Discharging
STY075	395	'4496663_/_379112792'		3.33	3.33	3.33	0.33	0.47	3.33	0.82 No	0.33 Thermal Discharging
STY075	396	'4498143_/_4498157_1'		10	10	10	1	1.5	10	2.45 No	1 Thermal Discharging
STY075	397	'7962473_/_9222362'		3.33	3.33	3.33	0.33	0.5	3.33	0.82 No	0.33 Thermal Discharging
STY075	398	'7082672_/_7082669'		6.67	6.67	6.67	0.67	1	6.67	1.64 No	0.67 Thermal Discharging
STY075	399	'4563600_/_4563616_1'		6.67	6.67	6.67	0.67	0.6	6.67	1.64 No	0.6 Element Fault
STY075	400	'4464936_/_4464934'		3.33	3.33	3.33	0.33	0.5	3.33	0.82 No	0.33 Thermal Discharging
STY075	401	'4513270_/_43529543'		3.33	3.33	3.33	0.33	0.3	3.33	0.82 No	0.3 Element Fault
STY075	402	'4496707_/_4496704'		10	10	10	1	1.4	10	2.45 No	1 Thermal Discharging
STY075	403	'7641259_/_8902222_1'		3.33	3.33	3.33	0.33	0.3	3.33	0.82 No	0.3 Element Fault
STY075	404	'688590550_/_7082708_2'		3.33	3.33	3.33	0.33	0.5	3.33	0.82 No	0.33 Thermal Discharging
STY075	405	'4494097_/_4498194_2'		10	10	10	1	3.5	10	2.45 No	1 Thermal Discharging
STY075	406	'379112727_/_4496738'		3.33	3.33	3.33	0.33	0.47	3.33	0.82 No	0.33 Thermal Discharging
STY075	407	'43528687_/_4498140'		10	10	10	1	1.5	10	2.45 No	1 Thermal Discharging
STY075	408	'4496724_/_4496721'		10	10	10	1	1.4	10	2.45 No	1 Thermal Discharging
STY075	409	'4494283_/_4498484'		3.33	3.33	3.33	0.33	0.5	3.33	0.82 No	0.33 Thermal Discharging
STY075	410	'4500534_/_4500531'		3.33	3.33	3.33	0.33	0.5	3.33	0.82 No	0.33 Thermal Discharging
STY075	411	'4537094_/_4537092'		3.33	3.33	3.33	0.33	0.5	3.33	0.82 No	0.33 Thermal Discharging
STY075	412	'369191077_/_4494095_1'		10	10	10	1	2.4	10	2.45 No	1 Thermal Discharging
STY075	413	'4563619_/_4563616_2'		6.67	6.67	6.67	0.67	0.6	6.67	1.64 No	0.6 Element Fault
STY075	414	'43529753_/_7082708_1'		3.33	3.33	3.33	0.33	0.3	3.33	0.82 No	0.3 Element Fault
STY075	415	'7641487_/_8275916_1'		3.33	3.33	3.33	0.33	0.3	3.33	0.82 No	0.3 Element Fault
STY075	416	'8902533_/_8902530'		3.33	3.33	3.33	0.33	0.3	3.33	0.82 No	0.3 Element Fault
STY075	417	'4494349_/_43528783'		3.33	3.33	3.33	0.33	0.5	3.33	0.82 No	0.33 Thermal Discharging
STY075	418	'8902225_/_8902222_2'		3.33	3.33	3.33	0.33	0.3	3.33	0.82 No	0.3 Element Fault
STY075	419	'4495704_/_4495701'		3.33	3.33	3.33	0.33	0.5	3.33	0.82 No	0.33 Thermal Discharging
STY075	420	'4496741_/_379112729'		3.33	3.33	3.33	0.33	0.47	3.33	0.82 No	0.33 Thermal Discharging
STY075	421	'4503233_/_4503231'		3.33	3.33	3.33	0.33	0.5	3.33	0.82 No	0.33 Thermal Discharging
STY075	422	'43531780_/_4537943'		3.33	3.33	3.33	0.33	0.5	3.33	0.82 No	0.33 Thermal Discharging
STY075	423	'43530977_/_43530979'		3.33	3.33	3.33	0.33	0.5	3.33	0.82 No	0.33 Thermal Discharging
STY075	424	'379112808_/_4496661'		3.33	3.33	3.33	0.33	0.47	3.33	0.82 No	0.33 Thermal Discharging
STY075	425	'4563634_/_4563631'		6.67	6.67	6.67	0.67	0.6	6.67	1.64 No	0.6 Element Fault
STY075	426	'8275919_/_8275916_2'		3.33	3.33	3.33	0.33	0.3	3.33	0.82 No	0.3 Element Fault
STY075	427	'8278515_/_458917939'		3.33	3.33	3.33	0.33	0.3	3.33	0.82 No	0.3 Element Fault
STY075	428	'4494098_/_4494095_2'		10	10	10	1	2.4	10	2.45 No	1 Thermal Discharging
STY075	429	'9375882_/_4498120_2'		10	10	10	1	1.5	10	2.45 No	1 Thermal Discharging
STY075	430	'4498122_/_4498120_1'		10	10	10	1	1.5	10	2.45 No	1 Thermal Discharging
STY075	431	'4494284_/_4494281'		3.33	3.33	3.33	0.33	0.5	3.33	0.82 No	0.33 Thermal Discharging
STY075	432	'9375883_/_9687944_1'		10	10	10	1	0.9	10	2.45 No	0.9 Element Fault
STY075	433	'379112707_/_4500557'		3.33	3.33	3.33	0.33	0.47	3.33	0.82 No	0.33 Thermal Discharging
STY075	434	'4500236_/_4500246'		3.33	3.33	3.33	0.33	0.3	3.33	0.82 No	0.3 Element Fault
STY075	435	'4496664_/_379112810'		3.33	3.33	3.33	0.33	0.47	3.33	0.82 No	0.33 Thermal Discharging
STY075	436	'43529472_/_4516768'		3.33	3.33	3.33	0.33	0.5	3.33	0.82 No	0.33 Thermal Discharging
STY075	437	'4495677_/_4495714'		3.33	3.33	3.33	0.33	0.5	3.33	0.82 No	0.33 Thermal Discharging
STY075	438	'4500546_/_379112709'		3.33	3.33	3.33	0.33	0.47	3.33	0.82 No	0.33 Thermal Discharging
STY075	439	'4496677_/_4496674'		3.33	3.33	3.33	0.33	0.47	3.33	0.82 No	0.33 Thermal Discharging
STY075	440	'4563649_/_4563646'		6.67	6.67	6.67	0.67	0.6	6.67	1.64 No	0.6 Element Fault
STY075	441	'4495154_/_4495151'		3.33	3.33	3.33	0.33	0.5	3.33	0.82 No	0.33 Thermal Discharging
STY075	442	'43528792_/_4494359'		3.33	3.33	3.33	0.33	0.5	3.33	0.82 No	0.33 Thermal Discharging
STY075	443	'9687947_/_9687944_2'		10	10	10	1	0.9	10	2.45 No	0.9 Element Fault
STY075	444	'4496756_/_4500544'		3.33	3.33	3.33	0.33	0.47	3.33	0.82 No	0.33 Thermal Discharging
STY075	445	'4537933_/_4537956'		3.33	3.33	3.33	0.33	0.5	3.33	0.82 No	0.33 Thermal Discharging
STY075	446	'4506399_/_4506409'		3.33	3.33	3.33	0.33	0.5	3.33	0.82 No	0.33 Thermal Discharging
STY075	447	'4464923_/_43529474'		3.33	3.33	3.33	0.33	0.5	3.33	0.82 No	0.33 Thermal Discharging
STY075	448	'58265646_/_4496767'		3.33	3.33	3.33	0.33	0.47	3.33	0.82 No	0.33 Thermal Discharging
STY075	449	'43529106_/_43529108'		3.33	3.33	3.33	0.33	0.5	3.33	0.82 No	0.33 Thermal Discharging
STY075	450	'4537802_/_4537829'		10	10	10	1	1.5	10	2.45 No	1 Thermal Discharging
STY075	451	'491725158_/_418641380_1'		3.33	3.33	3.33	0.33	0.4	3.33	0.82 No	0.33 Thermal Discharging
STY075	452	'4500235_/_4500233'		3.33	3.33	3.33	0.33	0.3	3.33	0.82 No	0.3 Element Fault
STY075	453	'4495678_/_4495675'		3.33	3.33	3.33	0.33	0.5	3.33	0.82 No	0.33 Thermal Discharging
STY075	454	'4563664_/_4563661'		6.67	6.67	6.67	0.67	0.6	6.67	1.64 No	0.6 Element Fault
STY075	455	'4539614_/_4539611'		3.33	3.33	3.33	0.33	0.47	3.33	0.82 No	0.33 Thermal Discharging
STY075	456	'4464924_/_4464921'		3.33	3.33	3.33	0.33	0.5	3.33	0.82 No	0.33 Thermal Discharging
STY075	457	'4537788_/_4537799'		3.33	3.33	3.33	0.33	0.5	3.33	0.82 No	0.33 Thermal Discharging
STY075	458	'4563682_/_4563679'		6.67	6.67	6.67	0.67	0.6	6.67	1.64 No	0.6 Element Fault
STY075	459	'4496757_/_4496754'		3.33	3.33	3.33	0.33	0.47	3.33	0.82 No	0.33 Thermal Discharging
STY075	460	'4494375_/_43528794'		3.33	3.33	3.33	0.33	0.5	3.33	0.82 No	0.33 Thermal Discharging
STY075	461	'4506607_/_4506617'		3.33	3.33	3.33	0.33	0.5	3.33	0.82 No	0.33 Thermal Discharging
STY075	462	'4495299_/_4495164'		3.33	3.33	3.33	0.33	0.5	3.33	0.82 No	0.33 Thermal Discharging
STY075	463	'4498106_/_4537812'		10	10	10	1	1.5	10	2.45 No	1 Thermal Discharging
STY075	464	'4536958_/_4537786'		3.33	3.33	3.33	0.33	0.5	3.33	0.82 No	0.33 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
STY075	465	'4516851_/_4537930'	3.33	3.33	3.33	0.33	0.5	3.33	0.82 No	0.33	Thermal Discharging
STY075	466	'43530966_/_4506396'	3.33	3.33	3.33	0.33	0.5	3.33	0.82 No	0.33	Thermal Discharging
STY075	467	'43529695_/_43529697'	3.33	3.33	3.33	0.33	0.3	3.33	0.82 No	0.3	Element Fault
STY075	468	'43530999_/_4506435'	3.33	3.33	3.33	0.33	0.5	3.33	0.82 No	0.33	Thermal Discharging
STY075	469	'754888690_/_754888706'	3.33	3.33	3.33	0.33	0.3	3.33	0.82 No	0.3	Element Fault
STY075	470	'7643648_/_7962471'	3.33	3.33	3.33	0.33	0.5	3.33	0.82 No	0.33	Thermal Discharging
STY075	471	'4563777_/_4563774'	6.67	6.67	6.67	0.67	0.6	6.67	1.64 No	0.6	Element Fault
STY075	472	'43528654_/_4537852'	3.33	3.33	3.33	0.33	0.5	3.33	0.82 No	0.33	Thermal Discharging
STY075	473	'43529483_/_4516726'	3.33	3.33	3.33	0.33	0.5	3.33	0.82 No	0.33	Thermal Discharging
STY075	474	'43528586_/_43528588'	10	10	10	1	1.5	10	2.45 No	1	Thermal Discharging
STY075	475	'4495326_/_4495323'	3.33	3.33	3.33	0.33	0.5	3.33	0.82 No	0.33	Thermal Discharging
STY075	476	'4516850_/_4516848'	3.33	3.33	3.33	0.33	0.5	3.33	0.82 No	0.33	Thermal Discharging
STY075	477	'43528177_/_4536956'	3.33	3.33	3.33	0.33	0.5	3.33	0.82 No	0.33	Thermal Discharging
STY075	478	'4506606_/_4506604'	3.33	3.33	3.33	0.33	0.5	3.33	0.82 No	0.33	Thermal Discharging
STY075	479	'4500210_/_4500220'	3.33	3.33	3.33	0.33	0.3	3.33	0.82 No	0.3	Element Fault
STY075	480	'4494388_/_4494385'	3.33	3.33	3.33	0.33	0.5	3.33	0.82 No	0.33	Thermal Discharging
STY075	481	'4516955_/_4516965'	3.33	3.33	3.33	0.33	0.5	3.33	0.82 No	0.33	Thermal Discharging
STY075	482	'43530965_/_4507944'	3.33	3.33	3.33	0.33	0.5	3.33	0.82 No	0.33	Thermal Discharging
STY075	483	'4563792_/_4563789'	6.67	6.67	6.67	0.67	0.6	6.67	1.64 No	0.6	Element Fault
STY075	484	'43528573_/_43528575'	10	10	10	1	1.5	10	2.45 No	1	Thermal Discharging
STY075	485	'4495179_/_4495297'	3.33	3.33	3.33	0.33	0.5	3.33	0.82 No	0.33	Thermal Discharging
STY075	486	'4506451_/_43531001'	3.33	3.33	3.33	0.33	0.5	3.33	0.82 No	0.33	Thermal Discharging
STY075	487	'4495339_/_4495336'	3.33	3.33	3.33	0.33	0.5	3.33	0.82 No	0.33	Thermal Discharging
STY075	488	'4498214_/_4498211'	3.33	3.33	3.33	0.33	0.5	3.33	0.82 No	0.33	Thermal Discharging
STY075	489	'43531568_/_4513572'	3.33	3.33	3.33	0.33	0.5	3.33	0.82 No	0.33	Thermal Discharging
STY075	490	'4516942_/_4516952'	3.33	3.33	3.33	0.33	0.5	3.33	0.82 No	0.33	Thermal Discharging
STY075	491	'4536972_/_4536969'	3.33	3.33	3.33	0.33	0.5	3.33	0.82 No	0.33	Thermal Discharging
STY075	492	'43528842_/_43528844'	3.33	3.33	3.33	0.33	0.5	3.33	0.82 No	0.33	Thermal Discharging
STY075	493	'43529706_/_4500207'	3.33	3.33	3.33	0.33	0.3	3.33	0.82 No	0.3	Element Fault
STY075	494	'4498072_/_4498086'	10	10	10	1	1.5	10	2.45 No	1	Thermal Discharging
STY075	495	'4495180_/_4495177'	3.33	3.33	3.33	0.33	0.5	3.33	0.82 No	0.33	Thermal Discharging
STY075	496	'43529488_/_43529485'	3.33	3.33	3.33	0.33	0.5	3.33	0.82 No	0.33	Thermal Discharging
STY075	497	'4498528_/_4498526'	10	10	10	1	1.5	10	2.45 No	1	Thermal Discharging
STY075	498	'4563807_/_4563804'	6.67	6.67	6.67	0.67	0.6	6.67	1.64 No	0.6	Element Fault
STY075	499	'43529205_/_4495352'	3.33	3.33	3.33	0.33	0.5	3.33	0.82 No	0.33	Thermal Discharging
STY075	500	'43531791_/_43531793'	3.33	3.33	3.33	0.33	0.5	3.33	0.82 No	0.33	Thermal Discharging
STY075	501	'4498071_/_4498069'	10	10	10	1	1.5	10	2.45 No	1	Thermal Discharging
STY075	502	'43530988_/_4506461'	3.33	3.33	3.33	0.33	0.5	3.33	0.82 No	0.33	Thermal Discharging
STY075	503	'4494232_/_4494437'	3.33	3.33	3.33	0.33	0.5	3.33	0.82 No	0.33	Thermal Discharging
STY075	504	'4536985_/_4536982'	3.33	3.33	3.33	0.33	0.5	3.33	0.82 No	0.33	Thermal Discharging
STY075	505	'4513746_/_4513744'	3.33	3.33	3.33	0.33	0.5	3.33	0.82 No	0.33	Thermal Discharging
STY075	506	'43528665_/_4498224'	3.33	3.33	3.33	0.33	0.5	3.33	0.82 No	0.33	Thermal Discharging
STY075	507	'4495368_/_43529207'	3.33	3.33	3.33	0.33	0.5	3.33	0.82 No	0.33	Thermal Discharging
STY075	508	'8902549_/_754888734'	3.33	3.33	3.33	0.33	0.3	3.33	0.82 No	0.3	Element Fault
STY075	509	'4513438_/_4513436'	3.33	3.33	3.33	0.33	0.3	3.33	0.82 No	0.3	Element Fault
STY075	510	'4536417_/_4537261'	10	10	10	1	1.5	10	2.45 No	1	Thermal Discharging
STY075	511	'70128229_/_4538206_2'	3.33	3.33	3.33	0.33	0.5	3.33	0.82 No	0.33	Thermal Discharging
STY075	512	'4494654_/_4516981'	3.33	3.33	3.33	0.33	0.5	3.33	0.82 No	0.33	Thermal Discharging
STY075	513	'4513759_/_4513757'	3.33	3.33	3.33	0.33	0.5	3.33	0.82 No	0.33	Thermal Discharging
STY075	514	'4563822_/_4563819'	6.67	6.67	6.67	0.67	0.6	6.67	1.64 No	0.6	Element Fault
STY075	515	'7328545_/_515186992'	3.33	3.33	3.33	0.33	0.5	3.33	0.82 No	0.33	Thermal Discharging
STY075	516	'43529216_/_4495190'	3.33	3.33	3.33	0.33	0.5	3.33	0.82 No	0.33	Thermal Discharging
STY075	517	'4494231_/_4494229'	3.33	3.33	3.33	0.33	0.5	3.33	0.82 No	0.33	Thermal Discharging
STY075	518	'4516916_/_4516926'	3.33	3.33	3.33	0.33	0.5	3.33	0.82 No	0.33	Thermal Discharging
STY075	519	'4506477_/_43530990'	3.33	3.33	3.33	0.33	0.5	3.33	0.82 No	0.33	Thermal Discharging
STY075	520	'4536998_/_4536995'	3.33	3.33	3.33	0.33	0.5	3.33	0.82 No	0.33	Thermal Discharging
STY075	521	'4495384_/_4495381'	3.33	3.33	3.33	0.33	0.5	3.33	0.82 No	0.33	Thermal Discharging
STY075	522	'4494219_/_4494424'	3.33	3.33	3.33	0.33	0.5	3.33	0.82 No	0.33	Thermal Discharging
STY075	523	'4513452_/_4513462'	3.33	3.33	3.33	0.33	0.3	3.33	0.82 No	0.3	Element Fault
STY075	524	'8278531_/_8278528'	3.33	3.33	3.33	0.33	0.3	3.33	0.82 No	0.3	Element Fault
STY075	525	'4536208_/_4538219'	3.33	3.33	3.33	0.33	0.5	3.33	0.82 No	0.33	Thermal Discharging
STY075	526	'4494655_/_4494652'	3.33	3.33	3.33	0.33	0.5	3.33	0.82 No	0.33	Thermal Discharging
STY075	527	'4563837_/_4563834'	6.67	6.67	6.67	0.67	0.6	6.67	1.64 No	0.6	Element Fault
STY075	528	'4495206_/_4495203'	3.33	3.33	3.33	0.33	0.5	3.33	0.82 No	0.33	Thermal Discharging
STY075	529	'4498239_/_43528667'	3.33	3.33	3.33	0.33	0.5	3.33	0.82 No	0.33	Thermal Discharging
STY075	530	'4513721_/_4513770'	3.33	3.33	3.33	0.33	0.5	3.33	0.82 No	0.33	Thermal Discharging
STY075	531	'4494401_/_4494411'	3.33	3.33	3.33	0.33	0.5	3.33	0.82 No	0.33	Thermal Discharging
STY075	532	'4537160_/_4537157'	3.33	3.33	3.33	0.33	0.5	3.33	0.82 No	0.33	Thermal Discharging
STY075	533	'4495397_/_4495394'	3.33	3.33	3.33	0.33	0.5	3.33	0.82 No	0.33	Thermal Discharging
STY075	534	'4506489_/_4506578'	3.33	3.33	3.33	0.33	0.5	3.33	0.82 No	0.33	Thermal Discharging
STY075	535	'4536300_/_4536297'	3.33	3.33	3.33	0.33	0.5	3.33	0.82 No	0.33	Thermal Discharging
STY075	536	'4516890_/_4516913'	3.33	3.33	3.33	0.33	0.5	3.33	0.82 No	0.33	Thermal Discharging
STY075	537	'4495410_/_4495407_1'	3.33	3.33	3.33	0.33	0.5	3.33	0.82 No	0.33	Thermal Discharging
STY075	538	'43528735_/_4494216'	3.33	3.33	3.33	0.33	0.5	3.33	0.82 No	0.33	Thermal Discharging
STY075	539	'43529015_/_4495407_2'	3.33	3.33	3.33	0.33	0.5	3.33	0.82 No	0.33	Thermal Discharging
STY075	540	'7328546_/_7328543'	3.33	3.33	3.33	0.33	0.5	3.33	0.82 No	0.33	Thermal Discharging
STY075	541	'43536697_/_4563849'	6.67	6.67	6.67	0.67	0.6	6.67	1.64 No	0.6	Element Fault
STY075	542	'4495839_/_4513731'	3.33	3.33	3.33	0.33	0.5	3.33	0.82 No	0.33	Thermal Discharging
STY075	543	'4498240_/_4498237'	3.33	3.33	3.33	0.33	0.5	3.33	0.82 No	0.33	Thermal Discharging
STY075	544	'43528748_/_43528748'	3.33	3.33	3.33	0.33	0.5	3.33	0.82 No	0.33	Thermal Discharging
STY075	545	'4506594_/_4506591'	3.33	3.33	3.33	0.33	0.5	3.33	0.82 No	0.33	Thermal Discharging
STY075	546	'4495218_/_4495271'	3.33	3.33	3.33	0.33	0.5	3.33	0.82 No	0.33	Thermal Discharging
STY075	547	'576279897_/_576279870_1'	3.33	3.33	3.33	0.33	0.3	3.33	0.82 No	0.3	Element Fault
STY075	548	'4494625_/_4516900'	3.33	3.33	3.33	0.33	0.5	3.33	0.82 No	0.33	Thermal Discharging
STY075	549	'4506490_/_4506487'	3.33	3.33	3.33	0.33	0.5	3.33	0.82 No	0.33	Thermal Discharging
STY075	550	'4498305_/_4498302'	3.33	3.33	3.33	0.33	0.5	3.33	0.82 No	0.33	Thermal Discharging
STY075	551	'4495235_/_4495232'	3.33	3.33	3.33	0.33	0.5	3.33	0.82 No	0.33	Thermal Discharging
STY075	552	'4536209_/_4536206'	3.33	3.33	3.33	0.33	0.5	3.33	0.82 No	0.33	Thermal Discharging
STY075	553	'4536313_/_4536310'	3.33	3.33	3.33	0.33	0.5	3.33	0.82 No	0.33	Thermal Discharging
STY075	554	'4516877_/_4516887'	3.33	3.33	3.33	0.33	0.5	3.33	0.82 No	0.33	Thermal Discharging
STY075	555	'4506568_/_4513718'	3.33	3.33	3.33	0.33	0.5	3.33	0.82 No	0.33	Thermal Discharging
STY075	556	'43529002_/_4495111'	10	10	10	1	2.4	10	2.45 No	1	Thermal Discharging
STY075	557	'8585581_/_576279870_2'	3.33	3.33	3.33	0.33	0.3	3.33	0.82 No	0.3	Element Fault
STY075	558	'345069396_/_7329111_1'	0.93	2.17	3.33	0.33	0.3	3.33	0.82 No	0.3	Element Fault

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Over-	Primary Voltage	Regulator	Thermal	Element Fault	Breaker Reach	Unintentional	Hosting Capacity	
				Voltage	Deviation	Deviation	Discharging			Islanding	VSR	Limiting Threshold
STY075	559	'4496822_/_4513449'		3.33		3.33	3.33	0.33	0.3	3.33	0.82 No	0.3 Element Fault
STY075	560	'4495423_/_43529017'		3.33		3.33	3.33	0.33	0.5	3.33	0.82 No	0.33 Thermal Discharging
STY075	561	'4494206_/_4496113'		3.33		3.33	3.33	0.33	0.5	3.33	0.82 No	0.33 Thermal Discharging
STY075	562	'43529128_/_43529130'		3.33		3.33	3.33	0.33	0.5	3.33	0.82 No	0.33 Thermal Discharging
STY075	563	'4494626_/_4494623'		3.33		3.33	3.33	0.33	0.5	3.33	0.82 No	0.33 Thermal Discharging
STY075	564	'4495840_/_4495837'		3.33		3.33	3.33	0.33	0.5	3.33	0.82 No	0.33 Thermal Discharging
STY075	565	'4563867_/_43536699'		6.67		6.67	6.67	0.67	0.6	6.67	1.64 No	0.6 Element Fault
STY075	566	'4494069_/_4494082'		3.33		3.33	3.33	0.33	0.5	3.33	0.82 No	0.33 Thermal Discharging
STY075	567	'4494860_/_4495131'		10		10	10	1	2.4	10	2.45 No	1 Thermal Discharging
STY075	568	'4536326_/_4536323'		3.33		3.33	3.33	0.33	0.5	3.33	0.82 No	0.33 Thermal Discharging
STY075	569	'4498292_/_4498289'		3.33		3.33	3.33	0.33	0.5	3.33	0.82 No	0.33 Thermal Discharging
STY075	570	'4495248_/_4495245'		3.33		3.33	3.33	0.33	0.5	3.33	0.82 No	0.33 Thermal Discharging
STY075	571	'4516864_/_4516874'		3.33		3.33	3.33	0.33	0.5	3.33	0.82 No	0.33 Thermal Discharging
STY075	572	'4536222_/_4536219'		3.33		3.33	3.33	0.33	0.5	3.33	0.82 No	0.33 Thermal Discharging
STY075	573	'4537211_/_4537222'		3.33		3.33	3.33	0.33	0.5	3.33	0.82 No	0.33 Thermal Discharging
STY075	574	'392546302_/_4513783_1'		3.33		3.33	3.33	0.33	0.5	3.33	0.82 No	0.33 Thermal Discharging
STY075	575	'43528676_/_4498315'		3.33		3.33	3.33	0.33	0.5	3.33	0.82 No	0.33 Thermal Discharging
STY075	576	'43529084_/_4506500'		3.33		3.33	3.33	0.33	0.5	3.33	0.82 No	0.33 Thermal Discharging
STY075	577	'4506555_/_4506565'		3.33		3.33	3.33	0.33	0.5	3.33	0.82 No	0.33 Thermal Discharging
STY075	578	'4494642_/_4494639'		3.33		3.33	3.33	0.33	0.5	3.33	0.82 No	0.33 Thermal Discharging
STY075	579	'4494205_/_4494203'		3.33		3.33	3.33	0.33	0.5	3.33	0.82 No	0.33 Thermal Discharging
STY075	580	'7329420_/_9536768'		3.33		3.33	3.33	0.33	0.3	3.33	0.82 No	0.3 Element Fault
STY075	581	'4536352_/_4536362'		3.33		3.33	3.33	0.33	0.5	3.33	0.82 No	0.33 Thermal Discharging
STY075	582	'4495827_/_4506656'		3.33		3.33	3.33	0.33	0.5	3.33	0.82 No	0.33 Thermal Discharging
STY075	583	'4494056_/_4494066'		3.33		3.33	3.33	0.33	0.5	3.33	0.82 No	0.33 Thermal Discharging
STY075	584	'4566151_/_4573308'		6.67		6.67	6.67	0.67	0.6	6.67	1.64 No	0.6 Element Fault
STY075	585	'43529117_/_4495850'		3.33		3.33	3.33	0.33	0.5	3.33	0.82 No	0.33 Thermal Discharging
STY075	586	'4496809_/_4496819'		3.33		3.33	3.33	0.33	0.3	3.33	0.82 No	0.3 Element Fault
STY075	587	'4495436_/_4495433'		3.33		3.33	3.33	0.33	0.5	3.33	0.82 No	0.33 Thermal Discharging
STY075	588	'7641654_/_9534200'		3.33		3.33	3.33	0.33	0.3	3.33	0.82 No	0.3 Element Fault
STY075	589	'4498265_/_4537235'		3.33		3.33	3.33	0.33	0.5	3.33	0.82 No	0.33 Thermal Discharging
STY075	590	'4495219_/_4495216'		3.33		3.33	3.33	0.33	0.5	3.33	0.82 No	0.33 Thermal Discharging
STY075	591	'4506542_/_4506552'		3.33		3.33	3.33	0.33	0.5	3.33	0.82 No	0.33 Thermal Discharging
STY075	592	'4494861_/_4494858'		10		10	10	1	2.4	10	2.45 No	1 Thermal Discharging
STY075	593	'43531802_/_43531804'		3.33		3.33	3.33	0.33	0.5	3.33	0.82 No	0.33 Thermal Discharging
STY075	594	'4495261_/_4495258'		3.33		3.33	3.33	0.33	0.5	3.33	0.82 No	0.33 Thermal Discharging
STY075	595	'4495488_/_4495485'		3.33		3.33	3.33	0.33	0.5	3.33	0.82 No	0.33 Thermal Discharging
STY075	596	'4537212_/_4537209'		3.33		3.33	3.33	0.33	0.5	3.33	0.82 No	0.33 Thermal Discharging
STY075	597	'43537384_/_4566149'		6.67		6.67	6.67	0.67	0.6	6.67	1.64 No	0.6 Element Fault
STY075	598	'4498266_/_4498263'		3.33		3.33	3.33	0.33	0.5	3.33	0.82 No	0.33 Thermal Discharging
STY075	599	'4496796_/_4496806'		3.33		3.33	3.33	0.33	0.3	3.33	0.82 No	0.3 Element Fault
STY075	600	'243742699_/_43529119'		3.33		3.33	3.33	0.33	0.5	3.33	0.82 No	0.33 Thermal Discharging
STY075	601	'43528632_/_4494053'		3.33		3.33	3.33	0.33	0.5	3.33	0.82 No	0.33 Thermal Discharging
STY075	602	'4495690_/_43529086'		3.33		3.33	3.33	0.33	0.5	3.33	0.82 No	0.33 Thermal Discharging
STY075	603	'43529139_/_43529141'		3.33		3.33	3.33	0.33	0.5	3.33	0.82 No	0.33 Thermal Discharging
STY075	604	'43529039_/_4495498'		3.33		3.33	3.33	0.33	0.5	3.33	0.82 No	0.33 Thermal Discharging
STY075	605	'243742718_/_243742691_2'		3.33		3.33	3.33	0.33	0.5	3.33	0.82 No	0.33 Thermal Discharging
STY075	606	'4498331_/_43528678'		3.33		3.33	3.33	0.33	0.5	3.33	0.82 No	0.33 Thermal Discharging
STY075	607	'4537120_/_4537284'		3.33		3.33	3.33	0.33	0.5	3.33	0.82 No	0.33 Thermal Discharging
STY075	608	'4536339_/_4536349'		3.33		3.33	3.33	0.33	0.5	3.33	0.82 No	0.33 Thermal Discharging
STY075	609	'4536235_/_4536232'		3.33		3.33	3.33	0.33	0.5	3.33	0.82 No	0.33 Thermal Discharging
STY075	610	'4495287_/_4495284'		3.33		3.33	3.33	0.33	0.5	3.33	0.82 No	0.33 Thermal Discharging
STY075	611	'4516863_/_4516861'		3.33		3.33	3.33	0.33	0.5	3.33	0.82 No	0.33 Thermal Discharging
STY075	612	'4506697_/_243742691_1'		3.33		3.33	3.33	0.33	0.3	3.33	0.82 No	0.3 Element Fault
STY075	613	'4495449_/_4495446'		3.33		3.33	3.33	0.33	0.5	3.33	0.82 No	0.33 Thermal Discharging
STY075	614	'43528724_/_43528726'		3.33		3.33	3.33	0.33	0.5	3.33	0.82 No	0.33 Thermal Discharging
STY075	615	'4566167_/_43537386'		6.67		6.67	6.67	0.67	0.6	6.67	1.64 No	0.6 Element Fault
STY075	616	'43529095_/_4506539'		3.33		3.33	3.33	0.33	0.5	3.33	0.82 No	0.33 Thermal Discharging
STY075	617	'4516996_/_43529028'		10		10	10	1	2.4	10	2.45 No	1 Thermal Discharging
STY075	618	'4494878_/_4494875'		10		10	10	1	2.4	10	2.45 No	1 Thermal Discharging
STY075	619	'4495597_/_4495594'		3.33		3.33	3.33	0.33	0.5	3.33	0.82 No	0.33 Thermal Discharging
STY075	620	'4496783_/_4496793'		3.33		3.33	3.33	0.33	0.3	3.33	0.82 No	0.3 Element Fault
STY075	621	'43528713_/_4498276'		3.33		3.33	3.33	0.33	0.5	3.33	0.82 No	0.33 Thermal Discharging
STY075	622	'4495798_/_4495811'		3.33		3.33	3.33	0.33	0.5	3.33	0.82 No	0.33 Thermal Discharging
STY075	623	'43529051_/_43529041'		3.33		3.33	3.33	0.33	0.5	3.33	0.82 No	0.33 Thermal Discharging
STY075	624	'4498344_/_4498341'		3.33		3.33	3.33	0.33	0.5	3.33	0.82 No	0.33 Thermal Discharging
STY075	625	'7641314_/_7912039'		3.33		3.33	3.33	0.33	0.3	3.33	0.82 No	0.3 Element Fault
STY075	626	'43528599_/_4537118'		3.33		3.33	3.33	0.33	0.5	3.33	0.82 No	0.33 Thermal Discharging
STY075	627	'4536338_/_4536336'		3.33		3.33	3.33	0.33	0.5	3.32	0.82 No	0.33 Thermal Discharging
STY075	628	'4494193_/_4494242'		3.33		3.33	3.33	0.33	0.5	3.33	0.82 No	0.33 Thermal Discharging
STY075	629	'4536248_/_4536245'		3.33		3.33	3.33	0.33	0.5	3.32	0.82 No	0.33 Thermal Discharging
STY075	630	'43537396_/_4566179'		6.67		6.67	6.67	0.67	0.6	6.67	1.64 No	0.6 Element Fault
STY075	631	'43529073_/_4495688'		3.33		3.33	3.33	0.33	0.5	3.33	0.82 No	0.33 Thermal Discharging
STY075	632	'43528643_/_43528645'		3.33		3.33	3.33	0.33	0.5	3.33	0.82 No	0.33 Thermal Discharging
STY075	633	'4498357_/_4498354'		3.33		3.33	3.33	0.33	0.5	3.3	0.82 No	0.33 Thermal Discharging
STY075	634	'4495462_/_4495459'		3.33		3.33	3.33	0.33	0.5	3.3	0.82 No	0.33 Thermal Discharging
STY075	635	'4536261_/_4536258'		3.33		3.33	3.33	0.33	0.5	3.3	0.82 No	0.33 Thermal Discharging
STY075	636	'7304811_/_595682825'		3.33		3.33	3.33	0.33	0.3	3.33	0.82 No	0.3 Element Fault
STY075	637	'44856142_/_4495527'		3.33		3.33	3.33	0.33	0.5	3.28	0.82 No	0.33 Thermal Discharging
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Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
STY075	653	'43529222_/_43529064'		3.33	3.33	3.33	0.33	0.5	3.2	0.82 No	0.33 Thermal Discharging
STY075	654	'4495759_/_4495769'		3.33	3.33	3.33	0.33	0.5	3.26	0.82 No	0.33 Thermal Discharging
STY075	655	'4496424_/_4496434'		3.33	3.33	3.33	0.33	0.3	3.27	0.82 No	0.3 Element Fault
STY075	656	'43528610_/_4498030'		3.33	3.33	3.33	0.33	0.5	3.19	0.82 No	0.33 Thermal Discharging
STY075	657	'4494167_/_4494177'		3.33	3.33	3.33	0.33	0.5	3.21	0.82 No	0.33 Thermal Discharging
STY075	658	'4494030_/_4494040'		3.33	3.33	3.33	0.33	0.5	3.2	0.82 No	0.33 Thermal Discharging
STY075	659	'4494762_/_43528901'		10	10	10	1	2.4	9.6	2.45 No	1 Thermal Discharging
STY075	660	'43537408_/_4566209'		3.13	6.67	6.67	0.67	0.6	6.47	1.64 No	0.6 Element Fault
STY075	661	'7329419_/_7329417'		3.33	3.33	3.33	0.33	0.3	3.25	0.82 No	0.3 Element Fault
STY075	662	'4494128_/_4494125'		3.33	3.33	3.33	0.33	0.5	3.16	0.82 No	0.33 Thermal Discharging
STY075	663	'43529232_/_43529229'		3.33	3.33	3.33	0.33	0.5	3.16	0.82 No	0.33 Thermal Discharging
STY075	664	'4536287_/_4536284'		3.33	3.33	3.33	0.33	0.5	3.16	0.82 No	0.33 Thermal Discharging
STY075	665	'4495652_/_4495662'		3.33	3.33	3.33	0.33	0.5	3.19	0.82 No	0.33 Thermal Discharging
STY075	666	'4498396_/_4498393'		3.33	3.33	3.33	0.33	0.5	3.14	0.82 No	0.33 Thermal Discharging
STY075	667	'4494775_/_4494772'		10	10	10	1	2.4	9.49	2.45 No	1 Thermal Discharging
STY075	668	'4495743_/_4495756'		1.87	3.33	3.33	0.33	0.5	3.18	0.82 No	0.33 Thermal Discharging
STY075	669	'4498045_/_4537196'		3.33	3.33	3.33	0.33	0.5	3.12	0.82 No	0.33 Thermal Discharging
STY075	670	'43529398_/_43529400'		3.33	3.33	3.33	0.33	0.3	3.19	0.82 No	0.3 Element Fault
STY075	671	'4495651_/_4495649'		3.33	3.33	3.33	0.33	0.5	3.15	0.82 No	0.33 Thermal Discharging
STY075	672	'4494154_/_4494164'		3.33	3.33	3.33	0.33	0.5	3.13	0.82 No	0.33 Thermal Discharging
STY075	673	'4494795_/_4494792'		10	10	10	1	2.4	9.42	2.45 No	1 Thermal Discharging
STY075	674	'43528621_/_4494027'		3.33	3.33	3.33	0.33	0.5	3.13	0.82 No	0.33 Thermal Discharging
STY075	675	'4494749_/_4494759'		3.33	3.33	3.33	0.33	0.8	3.13	0.82 No	0.33 Thermal Discharging
STY075	676	'4494141_/_4494138'		3.33	3.33	3.33	0.33	0.5	3.1	0.82 No	0.33 Thermal Discharging
STY075	677	'4498409_/_4498406'		3.33	3.33	3.33	0.33	0.5	3.1	0.82 No	0.33 Thermal Discharging
STY075	678	'9533573_/_9533654'		2.03	3.33	3.33	0.33	0.3	3.13	0.82 No	0.3 Element Fault
STY075	679	'43537421_/_43537410'		2.73	6.67	6.67	0.67	0.6	6.26	1.64 No	0.6 Element Fault
STY075	680	'4498422_/_4498419'		3.33	3.33	3.33	0.33	0.5	3.07	0.82 No	0.33 Thermal Discharging
STY075	681	'4496410_/_4496408'		3.33	3.33	3.33	0.33	0.3	3.13	0.82 No	0.3 Element Fault
STY075	682	'4495730_/_4495740'		1.6	3.33	3.33	0.33	0.5	3.11	0.82 No	0.33 Thermal Discharging
STY075	683	'4494153_/_4494151'		3.33	3.33	3.33	0.33	0.5	3.07	0.82 No	0.33 Thermal Discharging
STY075	684	'4498046_/_4498043'		3.33	3.33	3.33	0.33	0.5	3.05	0.82 No	0.33 Thermal Discharging
STY075	685	'4498435_/_4498432'		3.33	3.33	3.33	0.33	0.5	3.04	0.82 No	0.33 Thermal Discharging
STY075	686	'4494736_/_4494746'		3.33	3.33	3.33	0.33	0.8	3.06	0.82 No	0.33 Thermal Discharging
STY075	687	'4494929_/_4494926'		10	10	10	1	2.4	9.19	2.45 No	1 Thermal Discharging
STY075	688	'4494004_/_4494014'		3.33	3.33	3.33	0.33	0.5	3.05	0.82 No	0.33 Thermal Discharging
STY075	689	'4495729_/_4495727'		1.5	3.33	3.33	0.33	0.5	3.07	0.82 No	0.33 Thermal Discharging
STY075	690	'43528757_/_4498445'		3.33	3.33	3.33	0.33	0.5	3	0.82 No	0.33 Thermal Discharging
STY075	691	'43529387_/_43529389'		2.07	3.33	3.33	0.33	0.3	3.06	0.82 No	0.3 Element Fault
STY075	692	'4498059_/_4498056'		3.33	3.33	3.33	0.33	0.5	2.99	0.82 No	0.33 Thermal Discharging
STY075	693	'4566245_/_4566242'		2.47	6.67	6.67	0.67	0.6	6.07	1.64 No	0.6 Element Fault
STY075	694	'4513588_/_4513585'		10	10	10	1	2.4	9.04	2.45 No	1 Thermal Discharging
STY075	695	'4493991_/_4494001'		3.33	3.33	3.33	0.33	0.5	2.99	0.82 No	0.33 Thermal Discharging
STY075	696	'7962505_/_302532087'		1.83	3.33	3.33	0.33	0.3	3.03	0.82 No	0.3 Element Fault
STY075	697	'4513622_/_4513619'		3.33	3.33	3.33	0.33	0.8	2.98	0.82 No	0.33 Thermal Discharging
STY075	698	'43528936_/_4494733'		3.33	3.33	3.33	0.33	0.8	2.98	0.82 No	0.33 Thermal Discharging
STY075	699	'4493990_/_4493988'		3.33	3.33	3.33	0.33	0.5	2.96	0.82 No	0.33 Thermal Discharging
STY075	700	'45151475_/_4496395'		1.8	3.33	3.33	0.33	0.3	3	0.82 No	0.3 Element Fault
STY075	701	'4494258_/_43528759'		3.33	3.33	3.33	0.33	0.5	2.93	0.82 No	0.33 Thermal Discharging
STY075	702	'7304812_/_595682834'		1.4	3.33	3.33	0.33	0.3	2.97	0.82 No	0.3 Element Fault
STY075	703	'4494945_/_4513602'		5.4	10	10	1	2.4	8.86	2.45 No	1 Thermal Discharging
STY075	704	'4494996_/_4513632'		3.33	3.33	3.33	0.33	0.8	2.92	0.82 No	0.33 Thermal Discharging
STY075	705	'4566260_/_4566257'		2.27	6.67	6.67	0.67	0.6	5.88	1.64 No	0.6 Element Fault
STY075	706	'4494271_/_4494268'		3.33	3.33	3.33	0.33	0.5	2.88	0.82 No	0.33 Thermal Discharging
STY075	707	'4494946_/_4494943'		4.7	10	10	1	2.4	8.7	2.45 No	1 Thermal Discharging
STY075	708	'4494710_/_4494720'		3.33	3.33	3.33	0.33	0.8	2.89	0.82 No	0.33 Thermal Discharging
STY075	709	'43528947_/_4494994'		3.33	3.33	3.33	0.33	0.8	2.88	0.82 No	0.33 Thermal Discharging
STY075	710	'4494697_/_4494707'		3.33	3.33	3.33	0.33	0.8	2.85	0.82 No	0.33 Thermal Discharging
STY075	711	'4495543_/_4495540'		4.3	10	10	1	2.4	8.57	2.45 No	1 Thermal Discharging
STY075	712	'7643664_/_390266544'		1.5	3.33	3.33	0.33	0.3	2.89	0.82 No	0.3 Element Fault
STY075	713	'120346193_/_4566275'		2.13	6.67	6.67	0.67	0.6	5.71	1.64 No	0.6 Element Fault
STY075	714	'4494963_/_4494960'		4.1	10	10	1	2.4	8.47	2.45 No	1 Thermal Discharging
STY075	715	'4494684_/_4494694'		3.33	3.33	3.33	0.33	0.8	2.81	0.82 No	0.33 Thermal Discharging
STY075	716	'4495010_/_43528949'		3.33	3.33	3.33	0.33	0.8	2.8	0.82 No	0.33 Thermal Discharging
STY075	717	'4495560_/_4495557'		3.9	9.8	10	1	2.4	8.4	2.45 No	1 Thermal Discharging
STY075	718	'4494668_/_4494681'		3.33	3.33	3.33	0.33	0.8	2.78	0.82 No	0.33 Thermal Discharging
STY075	719	'43537433_/_4566290'		2	6.67	6.67	0.67	0.6	5.56	1.64 No	0.6 Element Fault
STY075	720	'4507908_/_4507905'		3.33	3.27	3.33	0.33	0.8	2.76	0.82 No	0.33 Thermal Discharging
STY075	721	'4495577_/_4495574'		3.7	9.3	10	1	2.4	8.26	2.45 No	1 Thermal Discharging
STY075	722	'4494980_/_4494977'		3.7	9.2	10	1	2.4	8.26	2.45 No	1 Thermal Discharging
STY075	723	'7641206_/_7641204_1'		3.7	9.2	10	1	1.4	8.24	2.45 No	1 Thermal Discharging
STY075	724	'436490123_/_4495863_1'		1.23	3.07	3.33	0.33	0.5	2.75	0.82 No	0.33 Thermal Discharging
STY075	725	'4507921_/_4507918'		3.33	3.2	3.33	0.33	0.8	2.74	0.82 No	0.33 Thermal Discharging
STY075	726	'43528925_/_43528927'		3.33	3.33	3.33	0.33	0.8	2.73	0.82 No	0.33 Thermal Discharging
STY075	727	'4495866_/_4495863_2'		1.23	3.03	3.33	0.33	0.5	2.74	0.82 No	0.33 Thermal Discharging
STY075	728	'7641207_/_7641204_2'		3.6	9.1	10	1	1.4	8.19	2.45 No	1 Thermal Discharging
STY075	729	'4566308_/_43537435'		1.93	6.67	6.67	0.67	0.6	5.47	1.64 No	0.6 Element Fault
STY075	730	'7643665_/_390266523'		1.27	3.03	3.33	0.33	0.3	2.73	0.82 No	0.3 Element Fault
STY075	731	'4494667_/_4494665'		3.33	3.17	3.33	0.33	0.8	2.68	0.82 No	0.33 Thermal Discharging
STY075	732	'4495882_/_4495879'		1.27	2.93	3.33	0.33	0.5	2.69	0.82 No	0.33 Thermal Discharging
STY075	733	'43537445_/_4566320'		1.87	6.53	6.67	0.67	0.6	5.39	1.64 No	0.6 Element Fault
STY075	734	'4563321_/_7082567'		3.5	8.6	10	1	2.4	8.06	2.45 No	1 Thermal Discharging
STY075	735	'43528958_/_4507931'		2.17	3	3.33	0.33	0.8	2.67	0.82 No	0.33 Thermal Discharging
STY075	736	'43529150_/_4495892'		1.3	2.83	3.33	0.33	0.5	2.64	0.82 No	0.33 Thermal Discharging
STY075	737	'43537457_/_43537447'		1.8	6.27	6.67	0.67	0.6	5.3	1.64 No	0.6 Element Fault
STY075	738	'7643632_/_351146644'		1.17	2.83	3.33	0.33	0.3	2.66	0.82 No	0.3 Element Fault
STY075	739	'4496077_/_4496074'		1.8	2.87	3.33	0.33	0.8	2.62	0.82 No	0.33 Thermal Discharging
STY075	740	'43536590_/_4563319'		3.2	8.1	10	1	2.4	7.88	2.45 No	1 Thermal Discharging
STY075	741	'436490214_/_4563336_1'		1.07	2.67	3.33	0.33	0.5	2.62	0.82 No	0.33 Thermal Discharging
STY075	742	'43537470_/_43537459'		1.73	6.07	6.67	0.67	0.6	5.23	1.64 No	0.6 Element Fault
STY075	743	'4495908_/_4495905'		1.3	2.77	3.33	0.33	0.5	2.6	0.82 No	0.33 Thermal Discharging
STY075	744	'4566341_/_4566353_1'		0.87	3.03	3.33	0.33	0.1	2.61	0.82 No	0.1 Element Fault
STY075	745	'4563339_/_4563336_2'		1.07	2.63	3.33	0.33	0.5	2.6	0.82 No	0.33 Thermal Discharging
STY075	746	'4507973_/_4507970'		1.7	2.8	3.33	0.33	0.8	2.59	0.82 No	0.33 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
STY075	747	'4495921_/4495918'	1.33	2.7	3.33	0.33	0.5	2.57	0.82 No	0.33	Thermal Discharging
STY075	748	'4566356_/4566353_2'	0.83	2.93	3.33	0.33	0.1	2.57	0.82 No	0.1	Element Fault
STY075	749	'4575352_/43536592'	3	7.7	10	1	2.4	7.7	2.45 No	1	Thermal Discharging
STY075	750	'8588396_/8588394_1'	1	2.53	3.33	0.33	0.5	2.56	0.82 No	0.33	Thermal Discharging
STY075	751	'4563352_/4563349'	1.07	2.57	3.33	0.33	0.5	2.56	0.82 No	0.33	Thermal Discharging
STY075	752	'4507989_/4507986'	1.57	2.7	3.33	0.33	0.8	2.54	0.82 No	0.33	Thermal Discharging
STY075	753	'43536636_/4575369'	1.03	2.53	3.33	0.33	0.8	2.55	0.82 No	0.33	Thermal Discharging
STY075	754	'4575372_/7328527_1'	1.03	2.53	3.33	0.33	0.4	2.54	0.82 No	0.33	Thermal Discharging
STY075	755	'43529161_/4495931'	1.37	2.63	3.33	0.33	0.5	2.52	0.82 No	0.33	Thermal Discharging
STY075	756	'8588397_/8588394_2'	0.97	2.47	3.33	0.33	0.5	2.53	0.82 No	0.33	Thermal Discharging
STY075	757	'8588413_/8588410'	0.97	2.47	3.33	0.33	0.5	2.52	0.82 No	0.33	Thermal Discharging
STY075	758	'43536603_/4563365'	1.03	2.5	3.33	0.33	0.5	2.52	0.82 No	0.33	Thermal Discharging
STY075	759	'43536567_/4575385'	2.9	7.4	10	1	2.4	7.56	2.45 No	1	Thermal Discharging
STY075	760	'8907871_/9222438'	0.97	2.47	3.33	0.33	0.5	2.52	0.82 No	0.33	Thermal Discharging
STY075	761	'7643633_/148909133'	1.03	2.57	3.33	0.33	0.3	2.53	0.82 No	0.3	Element Fault
STY075	762	'4495947_/4495944'	1.37	2.57	3.33	0.33	0.5	2.49	0.82 No	0.33	Thermal Discharging
STY075	763	'4563381_/4563378'	1	2.47	3.33	0.33	0.5	2.48	0.82 No	0.33	Thermal Discharging
STY075	764	'4575496_/43536569'	2.8	7.1	10	1	2.4	7.42	2.45 No	1	Thermal Discharging
STY075	765	'4566369_/4566366'	0.77	2.73	3.33	0.33	0.1	2.46	0.82 No	0.1	Element Fault
STY075	766	'8233397_/8907933_1'	0.93	2.37	3.33	0.33	0.5	2.47	0.82 No	0.33	Thermal Discharging
STY075	767	'8278336_/8907869'	0.93	2.37	3.33	0.33	0.5	2.46	0.82 No	0.33	Thermal Discharging
STY075	768	'7328530_/7328527_2'	1.03	2.37	3.33	0.33	0.4	2.46	0.82 No	0.33	Thermal Discharging
STY075	769	'4495960_/4495957'	1.4	2.5	3.33	0.33	0.5	2.45	0.82 No	0.33	Thermal Discharging
STY075	770	'4563394_/4563391'	1	2.4	3.33	0.33	0.5	2.45	0.82 No	0.33	Thermal Discharging
STY075	771	'4578476_/4578473'	2.7	7	10	1	2.4	7.34	2.45 No	1	Thermal Discharging
STY075	772	'7329114_/390266502'	0.97	2.43	3.33	0.33	0.3	2.46	0.82 No	0.3	Element Fault
STY075	773	'7963073_/9222722_2'	0.9	2.33	3.33	0.33	0.8	2.44	0.82 No	0.33	Thermal Discharging
STY075	774	'7329215_/9222722_1'	0.9	2.3	3.33	0.33	0.5	2.44	0.82 No	0.33	Thermal Discharging
STY075	775	'43538806_/4576364'	0.97	2.37	3.33	0.33	0.5	2.42	0.82 No	0.33	Thermal Discharging
STY075	776	'4566382_/4566379'	0.77	2.63	3.33	0.33	0.1	2.42	0.82 No	0.1	Element Fault
STY075	777	'43529172_/4495970'	1.4	2.43	3.33	0.33	0.5	2.41	0.82 No	0.33	Thermal Discharging
STY075	778	'7644039_/8907629'	0.9	2.3	3.33	0.33	0.5	2.42	0.82 No	0.33	Thermal Discharging
STY075	779	'43538963_/4578491'	0.9	2.27	3.33	0.33	0.8	2.41	0.82 No	0.33	Thermal Discharging
STY075	780	'752635121_/560605492_1'	0.9	2.27	3.33	0.33	0.5	2.41	0.82 No	0.33	Thermal Discharging
STY075	781	'4495986_/4495983'	1.37	2.37	3.33	0.33	0.5	2.37	0.82 No	0.33	Thermal Discharging
STY075	782	'4563406_/43538808'	0.93	2.3	3.33	0.33	0.5	2.38	0.82 No	0.33	Thermal Discharging
STY075	783	'8275689_/9533618_2'	1.33	2.37	3.33	0.33	0.5	2.37	0.82 No	0.33	Thermal Discharging
STY075	784	'8275688_/9533618_1'	1.33	2.37	3.33	0.33	0.3	2.37	0.82 No	0.3	Element Fault
STY075	785	'7329216_/7329213'	0.87	2.2	3.33	0.33	0.5	2.37	0.82 No	0.33	Thermal Discharging
STY075	786	'7328857_/7644036'	0.87	2.2	3.33	0.33	0.5	2.37	0.82 No	0.33	Thermal Discharging
STY075	787	'4563407_/4563404'	0.93	2.27	3.33	0.33	0.5	2.35	0.82 No	0.33	Thermal Discharging
STY075	788	'4495999_/4495996'	1.33	2.33	3.33	0.33	0.5	2.34	0.82 No	0.33	Thermal Discharging
STY075	789	'37798373_/557734446'	1.3	2.33	3.33	0.33	0.3	2.34	0.82 No	0.3	Element Fault
STY075	790	'37798380_/37798377'	1.3	2.33	3.33	0.33	0.3	2.34	0.82 No	0.3	Element Fault
STY075	791	'37798387_/37798384'	1.3	2.33	3.33	0.33	0.3	2.34	0.82 No	0.3	Element Fault
STY075	792	'37798401_/37798405'	1.3	2.33	3.33	0.33	0.3	2.34	0.82 No	0.3	Element Fault
STY075	793	'402200933_/402200930'	1.3	2.33	3.33	0.33	0.3	2.34	0.82 No	0.3	Element Fault
STY075	794	'7644375_/7644372'	0.83	2.17	3.33	0.33	0.5	2.35	0.82 No	0.33	Thermal Discharging
STY075	795	'4566395_/4566392'	0.7	2.5	3.33	0.33	0.1	2.35	0.82 No	0.1	Element Fault
STY075	796	'485676674_/7328855'	0.83	2.2	3.33	0.33	0.5	2.35	0.82 No	0.33	Thermal Discharging
STY075	797	'8907936_/8907933_2'	0.87	2.17	3.33	0.33	0.5	2.35	0.82 No	0.33	Thermal Discharging
STY075	798	'485676705_/485676721'	0.83	2.17	3.33	0.33	0.5	2.33	0.82 No	0.33	Thermal Discharging
STY075	799	'43529183_/4496009'	1.27	2.3	3.33	0.33	0.5	2.31	0.82 No	0.33	Thermal Discharging
STY075	800	'485676643_/485676735'	0.8	2.13	3.33	0.33	0.5	2.32	0.82 No	0.33	Thermal Discharging
STY075	801	'4566408_/4566405'	0.7	2.43	3.33	0.33	0.1	2.31	0.82 No	0.1	Element Fault
STY075	802	'8585500_/557734473'	1.23	2.23	3.33	0.33	0.3	2.3	0.82 No	0.3	Element Fault
STY075	803	'43536614_/4578678'	0.9	2.2	3.33	0.33	0.5	2.3	0.82 No	0.33	Thermal Discharging
STY075	804	'8585517_/557734407'	1.2	2.2	3.33	0.33	0.3	2.28	0.82 No	0.3	Element Fault
STY075	805	'4496025_/43529185'	1.23	2.23	3.33	0.33	0.5	2.28	0.82 No	0.33	Thermal Discharging
STY075	806	'7304844_/7304841_2'	1.23	2.23	3.33	0.33	0.5	2.27	0.82 No	0.33	Thermal Discharging
STY075	807	'7641227_/557734416'	1.2	2.2	3.33	0.33	0.3	2.27	0.82 No	0.3	Element Fault
STY075	808	'7304795_/7304841_1'	1.23	2.2	3.33	0.33	0.3	2.27	0.82 No	0.3	Element Fault
STY075	809	'7328858_/485676647'	0.8	2.07	3.33	0.33	0.5	2.28	0.82 No	0.33	Thermal Discharging
STY075	810	'4563419_/4578691'	0.87	2.17	3.33	0.33	0.5	2.27	0.82 No	0.33	Thermal Discharging
STY075	811	'4566421_/4566418'	0.67	2.37	3.33	0.33	0.1	2.27	0.82 No	0.1	Element Fault
STY075	812	'4496038_/4496035'	1.2	2.2	3.33	0.33	0.5	2.25	0.82 No	0.33	Thermal Discharging
STY075	813	'7641226_/557734398'	1.17	2.13	3.33	0.33	0.3	2.24	0.82 No	0.3	Element Fault
STY075	814	'4563420_/4563417'	0.87	2.13	3.33	0.33	0.5	2.24	0.82 No	0.33	Thermal Discharging
STY075	815	'7962426_/8587636'	0.77	2.03	3.33	0.33	0.5	2.24	0.82 No	0.33	Thermal Discharging
STY075	816	'7962849_/350500656'	0.8	2	3.33	0.33	0.5	2.24	0.82 No	0.33	Thermal Discharging
STY075	817	'4566434_/4566431'	0.67	2.3	3.33	0.33	0.1	2.23	0.82 No	0.1	Element Fault
STY075	818	'43529194_/4496048'	1.17	2.17	3.33	0.33	0.5	2.22	0.82 No	0.33	Thermal Discharging
STY075	819	'7304796_/7304793'	1.17	2.13	3.33	0.33	0.3	2.22	0.82 No	0.3	Element Fault
STY075	820	'43536625_/4563430'	0.83	2.07	3.33	0.33	0.5	2.21	0.82 No	0.33	Thermal Discharging
STY075	821	'7644538_/7963087'	0.73	1.97	3.33	0.33	0.5	2.21	0.82 No	0.33	Thermal Discharging
STY075	822	'44954851_/4496061'	1.13	2.13	3.33	0.33	0.5	2.19	0.82 No	0.33	Thermal Discharging
STY075	823	'4566447_/4566444'	0.63	2.23	3.33	0.33	0.1	2.18	0.82 No	0.1	Element Fault
STY075	824	'4563446_/43536627'	0.83	2.03	3.33	0.33	0.5	2.18	0.82 No	0.33	Thermal Discharging
STY075	825	'7644140_/560605492_2'	0.73	1.93	3.33	0.33	0.5	2.18	0.82 No	0.33	Thermal Discharging
STY075	826	'4563459_/4563456'	0.8	2	3.33	0.33	0.5	2.16	0.82 No	0.33	Thermal Discharging
STY075	827	'8275657_/483857503'	1.07	2	3.33	0.33	0.3	2.15	0.82 No	0.3	Element Fault
STY075	828	'8585533_/8585546'	1.07	2	3.33	0.33	0.3	2.14	0.82 No	0.3	Element Fault
STY075	829	'7329199_/7329197'	0.7	1.9	3.33	0.33	0.5	2.15	0.82 No	0.33	Thermal Discharging
STY075	830	'8275656_/557734368'	1.03	1.97	3.33	0.33	0.3	2.13	0.82 No	0.3	Element Fault
STY075	831	'43536647_/4563469'	0.8	1.97	3.33	0.33	0.5	2.13	0.82 No	0.33	Thermal Discharging
STY075	832	'4568140_/4573368'	0.6	2.13	3.33	0.33	0.1	2.12	0.82 No	0.1	Element Fault
STY075	833	'4563485_/4563482'	0.77	1.93	3.33	0.33	0.5	2.1	0.82 No	0.33	Thermal Discharging
STY075	834	'7962850_/350500667'	0.7	1.83	3.33	0.33	0.5	2.1	0.82 No	0.33	Thermal Discharging
STY075	835	'35825887_/4563495'	0.77	1.93	3.33	0.33	0.5	2.09	0.82 No	0.33	Thermal Discharging
STY075	836	'9222709_/9222706'	0.67	1.83	3.33	0.33	0.5	2.09	0.82 No	0.33	Thermal Discharging
STY075	837	'4563498_/9222070_1'	0.77	1.93	3.33	0.33	0.5	2.09	0.82 No	0.33	Thermal Discharging
STY075	838	'7644141_/571232610'	0.7	1.83	3.33	0.33	0.5	2.09	0.82 No	0.33	Thermal Discharging
STY075	839	'43537970_/4568138'	0.6	2.1	3.33	0.33	0.1	2.08	0.82 No	0.1	Element Fault
STY075	840	'8585532_/8585530'	1	1.9	3.33	0.33	0.3	2.07	0.82 No	0.3	Element Fault

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
STY075	841	'9222073_/_9222070_2'		0.73	1.87	3.33	0.33	0.5	2.06	0.82 No	0.33 Thermal Discharging
STY075	842	'9221733_/_9221730'		0.67	1.77	3.33	0.33	0.5	2.05	0.82 No	0.33 Thermal Discharging
STY075	843	'43537981_/_4568206'		0.57	2.03	3.33	0.33	0.1	2.04	0.82 No	0.1 Element Fault
STY075	844	'8233301_/_571232592_1'		0.67	1.73	3.33	0.33	0.5	2.04	0.82 No	0.33 Thermal Discharging
STY075	845	'8233364_/_571232592_2'		0.67	1.73	3.33	0.33	0.5	2.03	0.82 No	0.33 Thermal Discharging
STY075	846	'766119458_/_766119478'		0.93	1.83	3.33	0.33	0.3	2.01	0.82 No	0.3 Element Fault
STY075	847	'4568154_/_4568151'		0.57	1.97	3.33	0.33	0.1	2	0.82 No	0.1 Element Fault
STY075	848	'8233365_/_571232619_1'		0.67	1.73	3.33	0.33	0.5	2.01	0.82 No	0.33 Thermal Discharging
STY075	849	'7912058_/_711928476'		0.9	1.8	3.33	0.33	0.3	2	0.82 No	0.3 Element Fault
STY075	850	'523967413_/_9536704_1'		0.63	1.7	3.33	0.33	0.5	2.01	0.82 No	0.33 Thermal Discharging
STY075	851	'4575466_/_571232619_2'		0.63	1.7	3.33	0.33	0.5	2.01	0.82 No	0.33 Thermal Discharging
STY075	852	'635172442_/_557734379_1'		0.9	1.8	3.33	0.33	0.3	1.99	0.82 No	0.3 Element Fault
STY075	853	'9221749_/_9221746'		0.63	1.7	3.33	0.33	0.5	2	0.82 No	0.33 Thermal Discharging
STY075	854	'9221765_/_420124889'		0.7	1.77	3.33	0.33	0.5	1.98	0.82 No	0.33 Thermal Discharging
STY075	855	'4568167_/_4568164'		0.53	1.93	3.33	0.33	0.1	1.97	0.82 No	0.1 Element Fault
STY075	856	'4575467_/_4575464'		0.63	1.67	3.33	0.33	0.5	1.98	0.82 No	0.33 Thermal Discharging
STY075	857	'8233316_/_8233314_1'		0.63	1.67	3.33	0.33	0.1	1.98	0.82 No	0.1 Element Fault
STY075	858	'7328906_/_7644122'		0.63	1.67	3.33	0.33	0.5	1.98	0.82 No	0.33 Thermal Discharging
STY075	859	'4575483_/_4575480'		0.63	1.63	3.33	0.33	0.5	1.95	0.82 No	0.33 Thermal Discharging
STY075	860	'445720187_/_433422412_2'		0.63	1.63	3.33	0.33	0.5	1.95	0.82 No	0.33 Thermal Discharging
STY075	861	'43537992_/_4568177'		0.53	1.87	3.33	0.33	0.1	1.93	0.82 No	0.1 Element Fault
STY075	862	'7328905_/_7328903'		0.6	1.63	3.33	0.33	0.1	1.94	0.82 No	0.1 Element Fault
STY075	863	'8233317_/_8233314_2'		0.6	1.63	3.33	0.33	0.1	1.94	0.82 No	0.1 Element Fault
STY075	864	'588505996_/_588505937'		0.67	1.7	3.33	0.33	0.5	1.92	0.82 No	0.33 Thermal Discharging
STY075	865	'7962410_/_588505952'		0.67	1.7	3.33	0.33	0.5	1.91	0.82 No	0.33 Thermal Discharging
STY075	866	'7644172_/_350500694'		0.6	1.6	3.33	0.33	0.5	1.92	0.82 No	0.33 Thermal Discharging
STY075	867	'43538891_/_4577292'		0.6	1.6	3.33	0.33	0.5	1.91	0.82 No	0.33 Thermal Discharging
STY075	868	'4568180_/_43537994'		0.5	1.83	3.33	0.33	0.1	1.9	0.82 No	0.1 Element Fault
STY075	869	'7962818_/_433422412_1'		0.6	1.57	3.33	0.33	0.1	1.9	0.82 No	0.1 Element Fault
STY075	870	'7328513_/_262013153'		0.63	1.63	3.33	0.33	0.5	1.88	0.82 No	0.33 Thermal Discharging
STY075	871	'7962834_/_9222250'		0.6	1.57	3.33	0.33	0.1	1.88	0.82 No	0.1 Element Fault
STY075	872	'45053491_/_4577308'		0.6	1.57	3.33	0.33	0.5	1.88	0.82 No	0.33 Thermal Discharging
STY075	873	'9222268_/_9222266'		0.6	1.57	3.33	0.33	0.1	1.88	0.82 No	0.1 Element Fault
STY075	874	'7329066_/_7644170'		0.57	1.53	3.33	0.33	0.5	1.87	0.82 No	0.33 Thermal Discharging
STY075	875	'8421516_/_433422433'		0.57	1.53	3.33	0.33	0.1	1.84	0.82 No	0.1 Element Fault
STY075	876	'7328514_/_7328511'		0.6	1.57	3.33	0.33	0.5	1.82	0.82 No	0.33 Thermal Discharging
STY075	877	'7644156_/_637150533'		0.53	1.47	3.33	0.33	0.1	1.8	0.82 No	0.1 Element Fault
STY075	878	'8421517_/_8421514'		0.53	1.47	3.33	0.33	0.1	1.79	0.82 No	0.1 Element Fault
STY075	879	'7962393_/_157316535'		0.57	1.5	3.33	0.33	0.5	1.77	0.82 No	0.33 Thermal Discharging
STY075	880	'7329065_/_368159011'		0.53	1.43	3.33	0.33	0.5	1.77	0.82 No	0.33 Thermal Discharging
STY075	881	'7644157_/_7644154'		0.53	1.4	3.33	0.33	0.1	1.75	0.82 No	0.1 Element Fault
STY075	882	'7328937_/_348583630_2'		0.53	1.4	3.33	0.33	0.1	1.74	0.82 No	0.1 Element Fault
STY075	883	'9222317_/_433422461'		0.5	1.4	3.33	0.33	0.1	1.73	0.82 No	0.1 Element Fault
STY075	884	'7962377_/_7962375'		0.5	1.37	3.33	0.33	0.5	1.72	0.82 No	0.33 Thermal Discharging
STY075	885	'7962394_/_124169633'		0.53	1.43	3.33	0.33	0.5	1.71	0.82 No	0.33 Thermal Discharging
STY075	886	'445720230_/_433422478_1'		0.5	1.33	3.33	0.33	0.1	1.68	0.82 No	0.1 Element Fault
STY075	887	'8277984_/_124169610'		0.53	1.37	3.33	0.33	0.5	1.67	0.82 No	0.33 Thermal Discharging
STY075	888	'449337183_/_9536322'		0.5	1.33	3.33	0.33	0.5	1.66	0.82 No	0.33 Thermal Discharging
STY075	889	'402379813_/_449337180'		0.5	1.33	3.33	0.33	0.5	1.66	0.82 No	0.33 Thermal Discharging
STY075	890	'449337195_/_351182200'		0.5	1.33	3.33	0.33	0.5	1.63	0.82 No	0.33 Thermal Discharging
STY075	891	'449337205_/_449337202'		0.5	1.33	3.33	0.33	0.5	1.63	0.82 No	0.33 Thermal Discharging
STY075	892	'449337175_/_449337172'		0.5	1.33	3.33	0.33	0.5	1.63	0.82 No	0.33 Thermal Discharging
STY075	893	'7962786_/_7962783'		0.5	1.3	3.33	0.33	0.5	1.58	0.82 No	0.33 Thermal Discharging
SWN021	0	'SWN021_/_1474318'		10	10	10	0.26	6.3	10	8.37 No	0.26 Thermal Discharging
SWN021	1	'1474283_/_1474318'		10	10	10	0.26	6.3	10	1.98 No	0.26 Thermal Discharging
SWN021	2	'42994485_/_1474281'		10	10	10	0.26	6.3	10	1.97 No	0.26 Thermal Discharging
SWN021	3	'1474156_/_42994487'		10	10	10	0.26	6.3	10	1.97 No	0.26 Thermal Discharging
SWN021	4	'1474174_/_1474184_1'		3.33	3.33	3.33	0.09	4	3.33	0.66 No	0.09 Thermal Discharging
SWN021	5	'1474139_/_1474154'		10	10	10	0.26	6.3	10	1.97 No	0.26 Thermal Discharging
SWN021	6	'1472970_/_1474137'		10	10	10	0.26	6.3	10	1.97 No	0.26 Thermal Discharging
SWN021	7	'1472950_/_1472968'		10	10	10	0.26	6.3	10	1.97 No	0.26 Thermal Discharging
SWN021	8	'1474187_/_1474184_2'		3.33	3.33	3.33	0.09	4	3.33	0.66 No	0.09 Thermal Discharging
SWN021	9	'1472933_/_1472948'		10	10	10	0.26	6.3	10	1.97 No	0.26 Thermal Discharging
SWN021	10	'1473040_/_1473053_1'		3.33	3.33	3.33	0.09	4	3.33	0.66 No	0.09 Thermal Discharging
SWN021	11	'1473056_/_1473053_2'		3.33	3.33	3.33	0.09	4	3.33	0.66 No	0.09 Thermal Discharging
SWN021	12	'1472916_/_1472931'		10	10	10	0.26	6.3	10	1.97 No	0.26 Thermal Discharging
SWN021	13	'1472900_/_1472914'		10	10	10	0.26	6.3	10	1.97 No	0.26 Thermal Discharging
SWN021	14	'1474203_/_1474200'		3.33	3.33	3.33	0.09	4	3.33	0.66 No	0.09 Thermal Discharging
SWN021	15	'1472883_/_1472897'		10	10	10	0.26	6.3	10	1.97 No	0.26 Thermal Discharging
SWN021	16	'52916865_/_1473173'		3.33	3.33	3.33	0.09	9	3.33	0.66 No	0.09 Thermal Discharging
SWN021	17	'1473176_/_7204822_2'		3.33	3.33	3.33	0.09	9	3.33	0.66 No	0.09 Thermal Discharging
SWN021	18	'1472866_/_1472880'		10	10	10	0.26	6.3	10	1.97 No	0.26 Thermal Discharging
SWN021	19	'1472849_/_1472863'		10	10	10	0.26	6.3	10	1.97 No	0.26 Thermal Discharging
SWN021	20	'1472988_/_1472998_2'		3.33	3.33	3.33	0.09	9	3.33	0.66 No	0.09 Thermal Discharging
SWN021	21	'1472832_/_1472846'		10	10	10	0.26	6.3	10	1.97 No	0.26 Thermal Discharging
SWN021	22	'1473069_/_1473066'		3.33	3.33	3.33	0.09	4	3.33	0.66 No	0.09 Thermal Discharging
SWN021	23	'1473000_/_1472998_1'		3.33	3.33	3.33	0.09	4	3.33	0.66 No	0.09 Thermal Discharging
SWN021	24	'1472812_/_1472829'		10	10	10	0.26	6.3	10	1.97 No	0.26 Thermal Discharging
SWN021	25	'1472795_/_1472809'		10	10	10	0.26	6.3	10	1.97 No	0.26 Thermal Discharging
SWN021	26	'1473014_/_1473011'		3.33	3.33	3.33	0.09	4	3.33	0.66 No	0.09 Thermal Discharging
SWN021	27	'1473085_/_1473082'		3.33	3.33	3.33	0.09	4	3.33	0.66 No	0.09 Thermal Discharging
SWN021	28	'1472778_/_1472792'		10	10	10	0.26	6.3	10	1.97 No	0.26 Thermal Discharging
SWN021	29	'7204825_/_7204822_1'		3.33	3.33	3.33	0.09	4	3.33	0.66 No	0.09 Thermal Discharging
SWN021	30	'1472761_/_1472775'		10	10	10	0.26	6.3	10	1.97 No	0.26 Thermal Discharging
SWN021	31	'1472760_/_1472758'		10	10	10	0.26	6.3	10	1.97 No	0.26 Thermal Discharging
SWN021	32	'1473027_/_1473024'		3.33	3.33	3.33	0.09	4	3.33	0.66 No	0.09 Thermal Discharging
SWN021	33	'1472488_/_1473483'		10	10	10	0.26	6.3	10	1.97 No	0.26 Thermal Discharging
SWN021	34	'1473098_/_1473095'		3.33	3.33	3.33	0.09	4	3.33	0.66 No	0.09 Thermal Discharging
SWN021	35	'1472471_/_1472485'		10	10	10	0.26	6.3	10	1.97 No	0.26 Thermal Discharging
SWN021	36	'1474075_/_1474072'		3.33	3.33	3.33	0.09	4	3.33	0.66 No	0.09 Thermal Discharging
SWN021	37	'42988348_/_42988350'		10	10	10	0.26	6.3	10	1.97 No	0.26 Thermal Discharging
SWN021	38	'1473111_/_1473108'		3.33	3.33	3.33	0.09	4	3.33	0.66 No	0.09 Thermal Discharging
SWN021	39	'1472437_/_1472451'		10	10	10	0.26	6.3	10	1.97 No	0.26 Thermal Discharging
SWN021	40	'1474088_/_1474085'		3.33	3.33	3.33	0.09	4	3.33	0.66 No	0.09 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SWN021	41	'1472420_/_1472434'		10	10	10	0.26	6.3	10	1.97 No	0.26 Thermal Discharging
SWN021	42	'1472403_/_1472417'		10	10	10	0.26	6.3	10	1.97 No	0.26 Thermal Discharging
SWN021	43	'1473124_/_1473121'	3.33	3.33	3.33	0.09	0.4	3.33	0.66 No	0.09 Thermal Discharging	
SWN021	44	'1472386_/_1472400'		10	10	10	0.26	6.3	10	1.97 No	0.26 Thermal Discharging
SWN021	45	'1474101_/_1474098'	3.33	3.33	3.33	0.09	0.4	3.33	0.66 No	0.09 Thermal Discharging	
SWN021	46	'1472369_/_1472383'		10	10	10	0.26	6.3	10	1.97 No	0.26 Thermal Discharging
SWN021	47	'1472352_/_1472366'		10	10	10	0.26	6.3	10	1.97 No	0.26 Thermal Discharging
SWN021	48	'1474113_/_1474124'	3.33	3.33	3.33	0.09	0.4	3.33	0.66 No	0.09 Thermal Discharging	
SWN021	49	'1472332_/_1472349'		10	10	10	0.26	6.3	10	1.97 No	0.26 Thermal Discharging
SWN021	50	'1473137_/_1473134'	1.43	3.33	3.33	0.09	0.4	3.33	0.66 No	0.09 Thermal Discharging	
SWN021	51	'1472309_/_1472329'		10	10	10	0.26	6.3	10	1.97 No	0.26 Thermal Discharging
SWN021	52	'1473320_/_1474111'	1.43	3.33	3.33	0.09	0.4	3.33	0.66 No	0.09 Thermal Discharging	
SWN021	53	'1473150_/_1473147'	0.93	3.33	3.33	0.09	0.4	3.33	0.66 No	0.09 Thermal Discharging	
SWN021	54	'1472292_/_1472306'		3.7	10	10	0.26	3.3	10	1.97 No	0.26 Thermal Discharging
SWN021	55	'1473321_/_1473318'	1.07	3.33	3.33	0.09	0.4	3.33	0.66 No	0.09 Thermal Discharging	
SWN021	56	'1473334_/_1473331'	0.87	3.33	3.33	0.09	0.4	3.33	0.66 No	0.09 Thermal Discharging	
SWN021	57	'1473163_/_1473160'		0.7	3.33	3.33	0.09	0.4	3.33	0.66 No	0.09 Thermal Discharging
SWN021	58	'1472275_/_1472289'		2.7	10	9.3	0.26	3.3	10	1.97 No	0.26 Thermal Discharging
SWN021	59	'1473347_/_1473344'		0.77	3.33	3.33	0.09	0.4	3.33	0.66 No	0.09 Thermal Discharging
SWN021	60	'1472258_/_1472272'		2.2	10	6.7	0.26	3.3	10	1.97 No	0.26 Thermal Discharging
SWN021	61	'1473360_/_1473357'		0.67	3.33	3.33	0.09	0.4	3.33	0.66 No	0.09 Thermal Discharging
SWN021	62	'1473204_/_1473370'		0.63	3.33	3.33	0.09	0.4	3.33	0.66 No	0.09 Thermal Discharging
SWN021	63	'1473205_/_1473218_1'		0.63	3.33	3.33	0.09	0.2	3.33	0.66 No	0.09 Thermal Discharging
SWN021	64	'1477144_/_1477141_2'		0.63	3.33	3.33	0.09	0.4	3.33	0.66 No	0.09 Thermal Discharging
SWN021	65	'1472238_/_1472255'		1.9	10	5.4	0.26	3.3	10	1.97 No	0.26 Thermal Discharging
SWN021	66	'1473221_/_1473218_2'		0.57	3.33	3.33	0.09	0.2	3.33	0.66 No	0.09 Thermal Discharging
SWN021	67	'1473192_/_1477141_1'		0.57	3.33	3.33	0.09	0.2	3.33	0.66 No	0.09 Thermal Discharging
SWN021	68	'1473237_/_1473234'		0.57	3.33	3.33	0.09	0.2	3.33	0.66 No	0.09 Thermal Discharging
SWN021	69	'1473253_/_1473250'		0.57	3.33	3.33	0.09	0.2	3.33	0.66 No	0.09 Thermal Discharging
SWN021	70	'1473266_/_1473263'		0.57	3.33	3.33	0.09	0.2	3.33	0.66 No	0.09 Thermal Discharging
SWN021	71	'1473191_/_1473189'		0.53	3.33	3.33	0.09	0.2	3.33	0.66 No	0.09 Thermal Discharging
SWN021	72	'1472220_/_1472235'		1.6	10	4.5	0.26	3.3	10	1.97 No	0.26 Thermal Discharging
SWN021	73	'1473529_/_1473539'		0.47	3.33	3.33	0.09	0.2	3.33	0.66 No	0.09 Thermal Discharging
SWN021	74	'1472198_/_1472218'		1.4	10	3.9	0.26	3.3	10	1.97 No	0.26 Thermal Discharging
SWN021	75	'1473516_/_1473526'		0.43	3.33	3.33	0.09	0.2	3.33	0.66 No	0.09 Thermal Discharging
SWN021	76	'42988335_/_42988337'		1.4	10	3.9	0.26	3.3	10	1.97 No	0.26 Thermal Discharging
SWN021	77	'1472508_/_1472518_1'		0.47	3.33	1.3	0.09	0.4	3.33	0.66 No	0.09 Thermal Discharging
SWN021	78	'1472181_/_1472195'		1.4	10	3.9	0.26	3.3	10	1.97 No	0.26 Thermal Discharging
SWN021	79	'1472164_/_1472178'		1.4	10	3.7	0.26	3.3	10	1.97 No	0.26 Thermal Discharging
SWN021	80	'1472144_/_1472161'		1.4	10	3.7	0.26	3.3	9.98	1.97 No	0.26 Thermal Discharging
SWN021	81	'1472693_/_1472706_1'		0.47	3.33	1.23	0.09	0.4	3.31	0.66 No	0.09 Thermal Discharging
SWN021	82	'1473278_/_1473513'		0.4	3.33	3.33	0.09	0.2	3.26	0.66 No	0.09 Thermal Discharging
SWN021	83	'1472521_/_1472518_2'		0.47	3.33	1.3	0.09	0.4	3.26	0.66 No	0.09 Thermal Discharging
SWN021	84	'1472127_/_1472141'		1.3	10	3.6	0.26	3.3	9.73	1.97 No	0.26 Thermal Discharging
SWN021	85	'1473279_/_1473276'		0.4	3.33	3.33	0.09	0.2	3.2	0.66 No	0.09 Thermal Discharging
SWN021	86	'1473292_/_1473289'		0.4	3.33	3.33	0.09	0.2	3.14	0.66 No	0.09 Thermal Discharging
SWN021	87	'1472109_/_1472124'		1.3	10	3.5	0.26	3.3	9.51	1.97 No	0.26 Thermal Discharging
SWN021	88	'1472534_/_1472531'		0.47	3.33	1.3	0.09	0.4	3.16	0.66 No	0.09 Thermal Discharging
SWN021	89	'1473502_/_1473500'		0.37	3.33	3.33	0.09	0.2	3.13	0.66 No	0.09 Thermal Discharging
SWN021	90	'1473305_/_1473302'		0.4	3.33	3.33	0.09	0.2	3.1	0.66 No	0.09 Thermal Discharging
SWN021	91	'1472709_/_1472706_2'		0.47	3.33	1.23	0.09	0.4	3.14	0.66 No	0.09 Thermal Discharging
SWN021	92	'42988372_/_1472107'		1.3	10	3.4	0.26	3.3	9.33	1.97 No	0.26 Thermal Discharging
SWN021	93	'1471809_/_42988374'		1.3	10	3.3	0.26	3.3	9.29	1.97 No	0.26 Thermal Discharging
SWN021	94	'1471928_/_1472059'		1.3	10	3.3	0.26	3.3	9.15	1.97 No	0.26 Thermal Discharging
SWN021	95	'1473567_/_1473649'		0.37	3.33	3.33	0.09	0.2	3.03	0.66 No	0.09 Thermal Discharging
SWN021	96	'42988363_/_1472544'		0.47	3.33	1.33	0.09	0.4	3.03	0.66 No	0.09 Thermal Discharging
SWN021	97	'1473610_/_1473620'		0.37	3.33	3.33	0.09	0.2	3.01	0.66 No	0.09 Thermal Discharging
SWN021	98	'1471911_/_1471925'		1.2	10	3.3	0.26	3.3	9.04	1.97 No	0.26 Thermal Discharging
SWN021	99	'42988299_/_42988301'		1.2	10	3.3	0.26	3.3	8.92	1.97 No	0.26 Thermal Discharging
SWN021	100	'426324937_/_1471807_1'		0.87	6.6	2.07	0	2	5.95	1.31 No	0 Thermal Discharging
SWN021	101	'1472560_/_42988363'		0.5	3.33	1.33	0.09	0.4	2.96	0.66 No	0.09 Thermal Discharging
SWN021	102	'42988312_/_1471807_2'		0.87	6.53	2.07	0	2	5.92	1.31 No	0 Thermal Discharging
SWN021	103	'1472722_/_1472719'		0.47	3.23	1.27	0.09	0.4	2.95	0.66 No	0.09 Thermal Discharging
SWN021	104	'1471877_/_1471891'		1.2	9.5	3.3	0.26	3.1	8.74	1.97 No	0.26 Thermal Discharging
SWN021	105	'1473597_/_1473607'		0.33	3.33	3.33	0.09	0.2	2.88	0.66 No	0.09 Thermal Discharging
SWN021	106	'1472573_/_1472570'		0.5	3.33	1.33	0.09	0.4	2.88	0.66 No	0.09 Thermal Discharging
SWN021	107	'42988176_/_42988314'		0.87	6.2	2	0	2	5.77	1.31 No	0 Thermal Discharging
SWN021	108	'1473568_/_1473565'		0.33	3.33	3.33	0.09	0.2	2.85	0.66 No	0.09 Thermal Discharging
SWN021	109	'42988286_/_42988288'		1.1	8.9	3.3	0.26	3.1	8.52	1.97 No	0.26 Thermal Discharging
SWN021	110	'1471860_/_1471857_2'		1.1	8.8	3.3	0.26	3.1	8.5	1.97 No	0.26 Thermal Discharging
SWN021	111	'42984531_/_42984533'		0.8	6.27	2	0	1.2	5.56	1.31 No	0 Thermal Discharging
SWN021	112	'1473555_/_1473594'		0.3	3.33	3.33	0.09	0.2	2.76	0.66 No	0.09 Thermal Discharging
SWN021	113	'1472735_/_1472732'		0.47	2.87	1.27	0.09	0.4	2.78	0.66 No	0.09 Thermal Discharging
SWN021	114	'1471843_/_1471857_1'		1.1	8.4	3.3	0.26	3.1	8.3	1.97 No	0.26 Thermal Discharging
SWN021	115	'1471842_/_1471840'		1.1	8	3.3	0.26	3.1	8.14	1.97 No	0.26 Thermal Discharging
SWN021	116	'1473581_/_1473578'		0.3	3.33	3.33	0.09	0.2	2.69	0.66 No	0.09 Thermal Discharging
SWN021	117	'91638456_/_1471214'		0.8	5.8	1.87	0	1.2	5.38	1.31 No	0 Thermal Discharging
SWN021	118	'1473554_/_1473552'		0.3	3.33	3.33	0.09	0.2	2.67	0.66 No	0.09 Thermal Discharging
SWN021	119	'43003966_/_1474683'		1	7.7	3.3	0.26	3.1	7.99	1.97 No	0.26 Thermal Discharging
SWN021	120	'1472748_/_1472745'		0.47	2.63	1.3	0.09	0.4	2.64	0.66 No	0.09 Thermal Discharging
SWN021	121	'1472588_/_1472586'		0.47	2.93	1.07	0.09	0.4	2.61	0.66 No	0.09 Thermal Discharging
SWN021	122	'1473635_/_1473633'		0.3	3.33	3.33	0.09	0.2	2.61	0.66 No	0.09 Thermal Discharging
SWN021	123	'1474526_/_1474524'		1	7.5	3.3	0.26	3.1	7.88	1.97 No	0.26 Thermal Discharging
SWN021	124	'1474702_/_1474716_2'		0.33	2.47	1.1	0.09	1.03	2.62	0.66 No	0.09 Thermal Discharging
SWN021	125	'91638548_/_91638466'		0.73	5.47	1.8	0	1.2	5.21	1.31 No	0 Thermal Discharging
SWN021	126	'43003939_/_7133061'		1	7.3	3.3	0.26	3.1	7.78	1.97 No	0.26 Thermal Discharging
SWN021	127	'1474652_/_1474666'		1	7.2	3.3	0.26	3.1	7.77	1.97 No	0.26 Thermal Discharging
SWN021	128	'1471084_/_1474716_1'		0.33	2.43	1.1	0.09	0.4	2.59	0.66 No	0.09 Thermal Discharging
SWN021	129	'42988273_/_1474649'		1	7	3.3	0.26	3.1	7.66	1.97 No	0.26 Thermal Discharging
SWN021	130	'42984520_/_42984522'		0.33	2.4	1.1	0.09	0.4	2.54	0.66 No	0.09 Thermal Discharging
SWN021	131	'91638640_/_91638556'		0.73	5.13	1.73	0	1.2	5.06	1.31 No	0 Thermal Discharging
SWN021	132	'1471083_/_9103041_2'		0.33	2.37	1.1	0.09	0.4	2.53	0.66 No	0.09 Thermal Discharging
SWN021	133	'43003953_/_43003941'		1	7	3.3	0.26	3.1	7.56	1.97 No	0.26 Thermal Discharging
SWN021	134	'1474492_/_1474490'		1	6.9	3.3	0.26	3.1	7.56	1.97 No	0.26 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over- Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SWN021	135	'9103043_/9103041_1'	0.33	2.33	1.13	0.09	0.2	2.5	0.66 No	0.09	Thermal Discharging
SWN021	136	'1472602_/1472599'	0.43	2.73	1.4	0.09	0.4	2.47	0.66 No	0.09	Thermal Discharging
SWN021	137	'1471355_/1474612'	1	6.7	3.3	0.26	3.1	7.48	1.97 No	0.26	Thermal Discharging
SWN021	138	'1471114_/1471111_1'	0.33	2.23	1.1	0.09	0.4	2.49	0.66 No	0.09	Thermal Discharging
SWN021	139	'51648602_/1471111_2'	0.33	2.23	1.1	0.09	0.4	2.47	0.66 No	0.09	Thermal Discharging
SWN021	140	'91638775_/91638649'	0.67	4.87	1.67	0	1.2	4.91	1.31 No	0	Thermal Discharging
SWN021	141	'1471068_/1471065'	0.33	2.23	1.1	0.09	0.4	2.46	0.66 No	0.09	Thermal Discharging
SWN021	142	'7133064_/43003955'	0.9	6.7	3.4	0.26	3.1	7.36	1.97 No	0.26	Thermal Discharging
SWN021	143	'1471034_/1471094'	1	6.5	3.3	0.26	3.1	7.36	1.97 No	0.26	Thermal Discharging
SWN021	144	'8426976_/8426974_1'	0.9	6.7	3.4	0.26	1.3	7.35	1.97 No	0.26	Thermal Discharging
SWN021	145	'8426977_/8426974_2'	0.9	6.6	3.4	0.26	1.3	7.3	1.97 No	0.26	Thermal Discharging
SWN021	146	'104735138_/51648600'	0.33	2.2	1.1	0.09	0.4	2.43	0.66 No	0.09	Thermal Discharging
SWN021	147	'1471017_/1471031'	0.9	6.4	3.3	0.26	3.1	7.27	1.97 No	0.26	Thermal Discharging
SWN021	148	'91638828_/91638784'	0.67	4.6	1.6	0	1.2	4.77	1.31 No	0	Thermal Discharging
SWN021	149	'54023133_/54023130'	0.33	2.17	1.13	0.09	0.4	2.39	0.66 No	0.09	Thermal Discharging
SWN021	150	'1471000_/1471014'	0.9	6.2	3.3	0.26	3.1	7.16	1.97 No	0.26	Thermal Discharging
SWN021	151	'90221278_/42988164_2'	0.9	6.2	3.3	0.26	3.1	7.14	1.97 No	0.26	Thermal Discharging
SWN021	152	'42988162_/42988164_1'	0.9	6.1	3.3	0.26	1.5	7.09	1.97 No	0.26	Thermal Discharging
SWN021	153	'1470999_/1470997'	0.9	6.1	3.3	0.26	2.9	7.07	1.97 No	0.26	Thermal Discharging
SWN021	154	'54023152_/54023150'	0.33	2.1	1.13	0.09	0.4	2.35	0.66 No	0.09	Thermal Discharging
SWN021	155	'1471945_/1471942'	0.9	6	3.3	0.26	1.5	7.01	1.97 No	0.26	Thermal Discharging
SWN021	156	'42984507_/42984509'	0.9	5.9	3.3	0.26	2.9	6.97	1.97 No	0.26	Thermal Discharging
SWN021	157	'1471962_/1471959'	0.9	5.9	3.3	0.26	1.5	6.92	1.97 No	0.26	Thermal Discharging
SWN021	158	'1471998_/1471996_1'	0.3	1.93	1.1	0.09	0.1	2.3	0.66 No	0.09	Thermal Discharging
SWN021	159	'1472615_/1472612'	0.4	2.43	1.47	0.09	0.4	2.27	0.66 No	0.09	Thermal Discharging
SWN021	160	'1471202_/91638837'	0.6	4.27	1.47	0	1.2	4.55	1.31 No	0	Thermal Discharging
SWN021	161	'1470853_/1470980'	0.9	5.8	3.3	0.26	2.9	6.85	1.97 No	0.26	Thermal Discharging
SWN021	162	'1472078_/1472076'	0.6	3.87	2.2	0.18	1	4.56	1.31 No	0.18	Thermal Discharging
SWN021	163	'42988324_/1471996_2'	0.3	1.93	1.1	0.09	0.1	2.28	0.66 No	0.09	Thermal Discharging
SWN021	164	'50774522_/1474558'	0.9	5.7	3.3	0.26	1.5	6.83	1.97 No	0.26	Thermal Discharging
SWN021	165	'1471978_/1471976'	0.9	5.7	3.3	0.26	1.5	6.79	1.97 No	0.26	Thermal Discharging
SWN021	166	'1470852_/1470850'	0.8	5.6	3.3	0.26	2.9	6.74	1.97 No	0.26	Thermal Discharging
SWN021	167	'1474598_/43003928'	0.8	5.6	3.3	0.26	1.5	6.74	1.97 No	0.26	Thermal Discharging
SWN021	168	'1472012_/1472009'	0.9	5.6	3.3	0.26	1.5	6.71	1.97 No	0.26	Thermal Discharging
SWN021	169	'1472094_/42988326'	0.3	1.87	1.1	0.09	0.1	2.23	0.66 No	0.09	Thermal Discharging
SWN021	170	'1470966_/1473679'	0.8	5.5	3.3	0.26	2.9	6.66	1.97 No	0.26	Thermal Discharging
SWN021	171	'42988221_/1472026'	0.8	5.5	3.3	0.26	1.5	6.65	1.97 No	0.26	Thermal Discharging
SWN021	172	'1471187_/1471199'	0.6	4	1.4	0	1.2	4.39	1.31 No	0	Thermal Discharging
SWN021	173	'1470890_/1470963'	0.8	5.4	3.3	0.26	2.9	6.58	1.97 No	0.26	Thermal Discharging
SWN021	174	'1470950_/1470947_2'	0.27	1.8	1.1	0.09	0.97	2.19	0.66 No	0.09	Thermal Discharging
SWN021	175	'1471773_/1471770'	0.8	5.3	3.3	0.26	1.5	6.53	1.97 No	0.26	Thermal Discharging
SWN021	176	'1470949_/1470947_1'	0.27	1.77	1.13	0.09	0.4	2.16	0.66 No	0.09	Thermal Discharging
SWN021	177	'1470889_/1470887'	0.8	5.3	3.4	0.26	2.9	6.48	1.97 No	0.26	Thermal Discharging
SWN021	178	'1470923_/1471141'	0.27	1.77	1.13	0.09	0.4	2.15	0.66 No	0.09	Thermal Discharging
SWN021	179	'1470802_/1470816'	0.8	5.2	3.4	0.26	2.9	6.42	1.97 No	0.26	Thermal Discharging
SWN021	180	'1471186_/1471184'	0.53	3.8	1.33	0	1.2	4.25	1.31 No	0	Thermal Discharging
SWN021	181	'42988234_/42988236'	0.8	5.1	3.3	0.26	1.5	6.4	1.97 No	0.26	Thermal Discharging
SWN021	182	'1470801_/1470799'	0.8	5.2	3.4	0.26	2.9	6.38	1.97 No	0.26	Thermal Discharging
SWN021	183	'1470428_/1473396'	0.27	1.9	0.67	0	0.6	2.11	0.66 No	0	Thermal Discharging
SWN021	184	'1472628_/1472625'	0.37	2.17	1.53	0.09	0.4	2.08	0.66 No	0.09	Thermal Discharging
SWN021	185	'1470924_/1470921'	0.27	1.7	1.13	0.09	0.4	2.1	0.66 No	0.09	Thermal Discharging
SWN021	186	'1473715_/1473713'	0.8	5	3.3	0.26	1.5	6.26	1.97 No	0.26	Thermal Discharging
SWN021	187	'1471251_/1471261'	0.27	1.83	0.63	0	0.6	2.07	0.66 No	0	Thermal Discharging
SWN021	188	'42984466_/42984468'	0.8	5	3.4	0.26	2.9	6.24	1.97 No	0.26	Thermal Discharging
SWN021	189	'1472641_/1472638'	0.33	2.13	1.53	0.09	0.4	2.05	0.66 No	0.09	Thermal Discharging
SWN021	190	'1470429_/1470426'	0.27	1.87	0.67	0	0.6	2.06	0.66 No	0	Thermal Discharging
SWN021	191	'1470937_/1470934'	0.27	1.67	1.13	0.09	0.4	2.07	0.66 No	0.09	Thermal Discharging
SWN021	192	'1473733_/1473730'	0.8	4.9	3.3	0.26	1.5	6.19	1.97 No	0.26	Thermal Discharging
SWN021	193	'454170591_/454170593'	0.8	4.9	3.3	0.26	1.5	6.17	1.97 No	0.26	Thermal Discharging
SWN021	194	'454170720_/454170670_1'	0.8	4.8	3.3	0.26	1.3	6.17	1.97 No	0.26	Thermal Discharging
SWN021	195	'42984453_/42984455'	0.7	4.9	3.4	0.26	2.9	6.16	1.97 No	0.26	Thermal Discharging
SWN021	196	'42988247_/42988249'	0.8	4.8	3.3	0.26	1.5	6.14	1.97 No	0.26	Thermal Discharging
SWN021	197	'1472654_/1472651'	0.33	2.07	1.57	0.09	0.4	2.01	0.66 No	0.09	Thermal Discharging
SWN021	198	'1470442_/1470439'	0.27	1.8	0.67	0	0.6	2.02	0.66 No	0	Thermal Discharging
SWN021	199	'1471238_/1471248'	0.27	1.8	0.63	0	0.6	2.02	0.66 No	0	Thermal Discharging
SWN021	200	'454170651_/454170670_2'	0.8	4.8	3.3	0.26	1.3	6.11	1.97 No	0.26	Thermal Discharging
SWN021	201	'1470765_/1470782'	0.7	4.8	3.4	0.26	2.9	6.08	1.97 No	0.26	Thermal Discharging
SWN021	202	'1472667_/1472664'	0.33	2.03	1.57	0.09	0.4	1.98	0.66 No	0.09	Thermal Discharging
SWN021	203	'1470455_/1470452'	0.27	1.77	0.67	0	0.6	1.98	0.66 No	0	Thermal Discharging
SWN021	204	'1470748_/1470762'	0.7	4.7	3.4	0.26	2.9	5.97	1.97 No	0.26	Thermal Discharging
SWN021	205	'1471237_/1471235'	0.27	1.73	0.6	0	0.6	1.98	0.66 No	0	Thermal Discharging
SWN021	206	'42988260_/1471790'	0.7	4.6	3.3	0.26	1.5	5.94	1.97 No	0.26	Thermal Discharging
SWN021	207	'1470701_/1473383'	0.27	1.73	0.6	0	0.6	1.96	0.66 No	0	Thermal Discharging
SWN021	208	'7143527_/7143524'	0.23	1.53	1.13	0.09	0.4	1.97	0.66 No	0.09	Thermal Discharging
SWN021	209	'42984479_/42984481'	0.7	4.6	3.4	0.26	2.9	5.89	1.97 No	0.26	Thermal Discharging
SWN021	210	'1470468_/1470465'	0.23	1.73	0.67	0	0.6	1.94	0.66 No	0	Thermal Discharging
SWN021	211	'1470731_/1471124'	0.7	4.5	3.4	0.26	2.9	5.84	1.97 No	0.26	Thermal Discharging
SWN021	212	'1471329_/1471339'	0.27	1.67	0.6	0	0.6	1.93	0.66 No	0	Thermal Discharging
SWN021	213	'1470702_/1470699'	0.27	1.67	0.6	0	0.6	1.92	0.66 No	0	Thermal Discharging
SWN021	214	'1470481_/1470478'	0.23	1.7	0.67	0	0.6	1.91	0.66 No	0	Thermal Discharging
SWN021	215	'1470730_/1470728'	0.7	4.4	3.4	0.26	2.9	5.76	1.97 No	0.26	Thermal Discharging
SWN021	216	'8438886_/8438883'	0.23	1.5	1.13	0.09	0.4	1.91	0.66 No	0.09	Thermal Discharging
SWN021	217	'1473968_/1473965'	0.7	4.3	3.4	0.26	1.5	5.74	1.97 No	0.26	Thermal Discharging
SWN021	218	'1471316_/1471326'	0.27	1.63	0.57	0	0.6	1.88	0.66 No	0	Thermal Discharging
SWN021	219	'267959168_/267959173'	0.23	1.47	1.13	0.09	0.4	1.89	0.66 No	0.09	Thermal Discharging
SWN021	220	'1470494_/1470491'	0.23	1.67	0.67	0	0.6	1.87	0.66 No	0	Thermal Discharging
SWN021	221	'1473988_/1473985'	0.7	4.3	3.4	0.26	1.5	5.67	1.97 No	0.26	Thermal Discharging
SWN021	222	'42984494_/42984496'	0.7	4.3	3.4	0.26	2.9	5.67	1.97 No	0.26	Thermal Discharging
SWN021	223	'42994531_/1474389'	0.7	4.2	3.4	0.26	1.5	5.63	1.97 No	0.26	Thermal Discharging
SWN021	224	'1474426_/42994533'	0.7	4.2	3.4	0.26	1.5	5.58	1.97 No	0.26	Thermal Discharging
SWN021	225	'1477270_/1477268'	0.6	4.2	3.4	0.26	2.9	5.58	1.97 No	0.26	Thermal Discharging
SWN021	226	'1470507_/1470504'	0.23	1.63	0.67	0	0.6	1.84	0.66 No	0	Thermal Discharging
SWN021	227	'1474025_/1474022'	0.7	4.2	3.4	0.26	1.5	5.57	1.97 No	0.26	Thermal Discharging
SWN021	228	'1471303_/1471313'	0.27	1.57	0.57	0	0.6	1.84	0.66 No	0	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SWN021	229	'1472680_/_1472677'		0.3	1.83	1.67	0.09	0.4	1.81	0.66 No	0.09 Thermal Discharging
SWN021	230	'70879817_/_487591457'		0.7	4.1	3.4	0.26	1.5	5.49	1.97 No	0.26 Thermal Discharging
SWN021	231	'1470520_/_1470517'		0.23	1.6	0.67	0	0.6	1.81	0.66 No	0 Thermal Discharging
SWN021	232	'1477993_/_1478007'		0.6	4.1	3.5	0.26	2.9	5.45	1.97 No	0.26 Thermal Discharging
SWN021	233	'42994218_/_1477199'		0.6	4	3.4	0.26	1.5	5.44	1.97 No	0.26 Thermal Discharging
SWN021	234	'1474460_/_1474457'		0.7	4	3.4	0.26	1.5	5.44	1.97 No	0.26 Thermal Discharging
SWN021	235	'655767248_/_487591735_2'		0.23	1.33	1.13	0.09	0.5	1.81	0.66 No	0.09 Thermal Discharging
SWN021	236	'7524344_/_8155509_1'		0.7	4	3.4	0.26	0.9	5.43	1.97 No	0.26 Thermal Discharging
SWN021	237	'655767091_/_8155529_2'		0.7	4	3.4	0.26	1.5	5.43	1.97 No	0.26 Thermal Discharging
SWN021	238	'1471290_/_1471300'		0.27	1.53	0.53	0	0.6	1.79	0.66 No	0 Thermal Discharging
SWN021	239	'267959130_/_267959203'		0.23	1.4	1.17	0.09	0.4	1.8	0.66 No	0.09 Thermal Discharging
SWN021	240	'7835396_/_8155509_2'		0.7	4	3.4	0.26	0.9	5.41	1.97 No	0.26 Thermal Discharging
SWN021	241	'1470533_/_1470530'		0.23	1.57	0.67	0	0.6	1.78	0.66 No	0 Thermal Discharging
SWN021	242	'487591738_/_487591735_1'		0.23	1.33	1.13	0.09	0.2	1.79	0.66 No	0.09 Thermal Discharging
SWN021	243	'7835397_/_7835394'		0.6	4	3.4	0.26	0.9	5.35	1.97 No	0.26 Thermal Discharging
SWN021	244	'487591633_/_487591761'		0.23	1.33	1.13	0.09	0.2	1.78	0.66 No	0.09 Thermal Discharging
SWN021	245	'1477976_/_1477990'		0.6	4	3.5	0.26	2.9	5.34	1.97 No	0.26 Thermal Discharging
SWN021	246	'1478208_/_1478216_1'		0.6	4	3.5	0.26	1.3	5.33	1.97 No	0.26 Thermal Discharging
SWN021	247	'8155531_/_8155529_1'		0.6	3.9	3.4	0.26	0.8	5.33	1.97 No	0.26 Thermal Discharging
SWN021	248	'1473869_/_1477184'		0.6	3.9	3.4	0.26	1.5	5.33	1.97 No	0.26 Thermal Discharging
SWN021	249	'267959091_/_267959149'		0.23	1.33	1.17	0.09	0.4	1.77	0.66 No	0.09 Thermal Discharging
SWN021	250	'1470546_/_1470543'		0.23	1.53	0.7	0	0.6	1.75	0.66 No	0 Thermal Discharging
SWN021	251	'1471277_/_1471287'		0.27	1.5	0.53	0	0.6	1.75	0.66 No	0 Thermal Discharging
SWN021	252	'124023871_/_8467415_2'		0.2	1.3	1.13	0.09	0.5	1.76	0.66 No	0.09 Thermal Discharging
SWN021	253	'124023901_/_124023898'		0.2	1.3	1.13	0.09	0.5	1.76	0.66 No	0.09 Thermal Discharging
SWN021	254	'122908023_/_9415326_1'		0.2	1.3	1.13	0.09	0.1	1.76	0.66 No	0.09 Thermal Discharging
SWN021	255	'487591649_/_487591646'		0.23	1.3	1.13	0.09	0.2	1.75	0.66 No	0.09 Thermal Discharging
SWN021	256	'1473870_/_1473867'		0.6	3.9	3.4	0.26	1.5	5.27	1.97 No	0.26 Thermal Discharging
SWN021	257	'1478099_/_1478216_2'		0.6	3.9	3.5	0.26	1.3	5.27	1.97 No	0.26 Thermal Discharging
SWN021	258	'8784482_/_8784480'		0.6	4	3.4	0.26	0.8	5.26	1.97 No	0.26 Thermal Discharging
SWN021	259	'1473954_/_1473952_1'		0.2	1.3	1.13	0.09	0.2	1.76	0.66 No	0.09 Thermal Discharging
SWN021	260	'8155552_/_8155549_1'		0.6	4	3.4	0.26	0.8	5.25	1.97 No	0.26 Thermal Discharging
SWN021	261	'9415328_/_9415326_2'		0.2	1.27	1.13	0.09	0.1	1.75	0.66 No	0.09 Thermal Discharging
SWN021	262	'8467417_/_8467415_1'		0.2	1.27	1.13	0.09	0.1	1.75	0.66 No	0.09 Thermal Discharging
SWN021	263	'55379720_/_1478097'		0.6	3.9	3.5	0.26	1.3	5.23	1.97 No	0.26 Thermal Discharging
SWN021	264	'55379832_/_55379798_1'		0.6	3.9	3.5	0.26	0.8	5.23	1.97 No	0.26 Thermal Discharging
SWN021	265	'1470559_/_1470556'		0.2	1.5	0.7	0	0.6	1.72	0.66 No	0 Thermal Discharging
SWN021	266	'55379791_/_55379798_2'		0.6	3.9	3.5	0.26	0.8	5.22	1.97 No	0.26 Thermal Discharging
SWN021	267	'1471720_/_1473952_2'		0.2	1.27	1.13	0.09	0.2	1.74	0.66 No	0.09 Thermal Discharging
SWN021	268	'1473887_/_1473884'		0.6	3.8	3.4	0.26	1.5	5.22	1.97 No	0.26 Thermal Discharging
SWN021	269	'1477959_/_1477973'		0.6	3.8	3.5	0.26	2.8	5.2	1.97 No	0.26 Thermal Discharging
SWN021	270	'1468435_/_1471274'		0.27	1.43	0.5	0	0.6	1.71	0.66 No	0 Thermal Discharging
SWN021	271	'42988199_/_42988201'		0.2	1.27	1.13	0.09	0.2	1.72	0.66 No	0.09 Thermal Discharging
SWN021	272	'1478100_/_55379722'		0.6	3.8	3.5	0.26	1.3	5.16	1.97 No	0.26 Thermal Discharging
SWN021	273	'121191302_/_121191299'		0.6	3.8	3.5	0.26	1.3	5.14	1.97 No	0.26 Thermal Discharging
SWN021	274	'121191394_/_121191373_1'		0.6	3.8	3.5	0.26	0.8	5.14	1.97 No	0.26 Thermal Discharging
SWN021	275	'121191362_/_121191373_2'		0.6	3.8	3.5	0.26	0.8	5.13	1.97 No	0.26 Thermal Discharging
SWN021	276	'1477958_/_1477956'		0.6	3.8	3.5	0.26	2.8	5.13	1.97 No	0.26 Thermal Discharging
SWN021	277	'1473904_/_1473901'		0.6	3.7	3.4	0.26	1.5	5.12	1.97 No	0.26 Thermal Discharging
SWN021	278	'268607484_/_1470712'		0.2	1.47	0.7	0	0.6	1.68	0.66 No	0 Thermal Discharging
SWN021	279	'42984442_/_1470569'		0.2	1.47	0.7	0	0.6	1.68	0.66 No	0 Thermal Discharging
SWN021	280	'1478111_/_1478108'		0.6	3.7	3.5	0.26	1.3	5.08	1.97 No	0.26 Thermal Discharging
SWN021	281	'1468422_/_1468432'		0.23	1.4	0.5	0	0.6	1.68	0.66 No	0 Thermal Discharging
SWN021	282	'1478060_/_1478080'		0.6	3.7	3.5	0.26	2.8	5.07	1.97 No	0.26 Thermal Discharging
SWN021	283	'8784535_/_8784532_2'		0.6	3.7	3.5	0.26	2.8	5.07	1.97 No	0.26 Thermal Discharging
SWN021	284	'50699357_/_50699331'		0.2	1.23	1.17	0.09	0.93	1.69	0.66 No	0.09 Thermal Discharging
SWN021	285	'50699693_/_50699359_2'		0.2	1.23	1.17	0.09	0.93	1.69	0.66 No	0.09 Thermal Discharging
SWN021	286	'7524248_/_154754990'		0.2	1.23	1.17	0.09	0.1	1.68	0.66 No	0.09 Thermal Discharging
SWN021	287	'1473921_/_1473918'		0.6	3.6	3.4	0.26	1.5	5.05	1.97 No	0.26 Thermal Discharging
SWN021	288	'1471733_/_1471731'		0.2	1.23	1.17	0.09	0.2	1.68	0.66 No	0.09 Thermal Discharging
SWN021	289	'7524280_/_7524277_2'		0.2	1.23	1.17	0.09	0.2	1.68	0.66 No	0.09 Thermal Discharging
SWN021	290	'8784534_/_8784532_1'		0.6	3.7	3.5	0.26	1.3	5.02	1.97 No	0.26 Thermal Discharging
SWN021	291	'267959054_/_267959110'		0.23	1.27	1.2	0.09	0.4	1.67	0.66 No	0.09 Thermal Discharging
SWN021	292	'50699380_/_50699359_1'		0.2	1.23	1.17	0.09	0.4	1.66	0.66 No	0.09 Thermal Discharging
SWN021	293	'7835417_/_7835430'		0.23	1.4	1.27	0.09	0.27	1.6	0.66 No	0.09 Thermal Discharging
SWN021	294	'1478125_/_1478122'		0.6	3.6	3.5	0.26	1.3	4.99	1.97 No	0.26 Thermal Discharging
SWN021	295	'7835416_/_7835414'		0.23	1.4	1.3	0.09	0.27	1.6	0.66 No	0.09 Thermal Discharging
SWN021	296	'1470572_/_42984444'		0.2	1.43	0.7	0	0.6	1.64	0.66 No	0 Thermal Discharging
SWN021	297	'7524279_/_7524277_1'		0.2	1.2	1.17	0.09	0.1	1.66	0.66 No	0.09 Thermal Discharging
SWN021	298	'1447263_/_1468419'		0.23	1.37	0.5	0	0.6	1.64	0.66 No	0 Thermal Discharging
SWN021	299	'1473833_/_1473935'		0.6	3.6	3.5	0.26	1.5	4.96	1.97 No	0.26 Thermal Discharging
SWN021	300	'1468408_/_1468604_2'		0.23	1.37	0.5	0	0.6	1.64	0.66 No	0 Thermal Discharging
SWN021	301	'1447133_/_1447261'		0.23	1.37	0.5	0	0.6	1.63	0.66 No	0 Thermal Discharging
SWN021	302	'1447134_/_1470089_1'		0.23	1.37	0.5	0	0.2	1.63	0.66 No	0 Thermal Discharging
SWN021	303	'1471760_/_1471757'		0.2	1.2	1.17	0.09	0.2	1.64	0.66 No	0.09 Thermal Discharging
SWN021	304	'8438902_/_8438899'		0.23	1.23	1.2	0.09	0.4	1.64	0.66 No	0.09 Thermal Discharging
SWN021	305	'1478043_/_1478057'		0.5	3.6	3.5	0.26	2.8	4.92	1.97 No	0.26 Thermal Discharging
SWN021	306	'50699404_/_50699383'		0.2	1.2	1.2	0.09	0.4	1.64	0.66 No	0.09 Thermal Discharging
SWN021	307	'1473834_/_1473831'		0.6	3.5	3.5	0.26	1.5	4.91	1.97 No	0.26 Thermal Discharging
SWN021	308	'1470585_/_1470582'		0.2	1.4	0.7	0	0.6	1.61	0.66 No	0 Thermal Discharging
SWN021	309	'1478139_/_1478136'		0.5	3.6	3.5	0.26	1.3	4.91	1.97 No	0.26 Thermal Discharging
SWN021	310	'8467338_/_9415310_1'		0.2	1.17	1.17	0.09	0.1	1.64	0.66 No	0.09 Thermal Discharging
SWN021	311	'42994207_/_1473851'		0.2	1.17	1.17	0.09	0.5	1.63	0.66 No	0.09 Thermal Discharging
SWN021	312	'7204808_/_7524245'		0.2	1.17	1.17	0.09	0.1	1.62	0.66 No	0.09 Thermal Discharging
SWN021	313	'1473854_/_7524261_2'		0.2	1.17	1.17	0.09	0.5	1.62	0.66 No	0.09 Thermal Discharging
SWN021	314	'116200732_/_1474055'		0.6	3.5	3.5	0.26	1.5	4.87	1.97 No	0.26 Thermal Discharging
SWN021	315	'1470416_/_1470595'		0.2	1.4	0.7	0	0.6	1.6	0.66 No	0 Thermal Discharging
SWN021	316	'1468594_/_1468604_1'		0.23	1.33	0.5	0	0.2	1.6	0.66 No	0 Thermal Discharging
SWN021	317	'1446870_/_1470089_2'		0.23	1.33	0.5	0	0.2	1.6	0.66 No	0 Thermal Discharging
SWN021	318	'50699428_/_50699407'		0.2	1.2	1.2	0.09	0.4	1.61	0.66 No	0.09 Thermal Discharging
SWN021	319	'96567958_/_96567969'		0.23	1.2	1.2	0.09	0.4	1.6	0.66 No	0.09 Thermal Discharging
SWN021	320	'1478150_/_1478147'		0.5	3.5	3.6	0.26	1.3	4.82	1.97 No	0.26 Thermal Discharging
SWN021	321	'42988210_/_1473753'		0.2	1.17	1.17	0.09	0.2	1.6	0.66 No	0.09 Thermal Discharging
SWN021	322	'7204793_/_9415310_2'		0.2	1.13	1.17	0.09	0.1	1.6	0.66 No	0.09 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Over-Voltage Deviation	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
											VSR (MW)	Limiting Threshold
SWN021	323	'43004111_/_1478040'		0.5	3.5	3.6	0.26	2.8	4.81	1.97 No	0.26	Thermal Discharging
SWN021	324	'69050814_/_1478027_2'		0.17	1.17	1.2	0.09	0.9	1.6	0.66 No	0.09	Thermal Discharging
SWN021	325	'1473769_/_1473766'		0.17	1.17	1.17	0.09	0.2	1.59	0.66 No	0.09	Thermal Discharging
SWN021	326	'1470611_/_1470608'		0.2	1.37	0.7	0	0.6	1.57	0.66 No	0	Thermal Discharging
SWN021	327	'50699452_/_50699431'		0.2	1.17	1.2	0.09	0.4	1.59	0.66 No	0.09	Thermal Discharging
SWN021	328	'1469832_/_1470102'		0.23	1.3	0.47	0	0.6	1.57	0.66 No	0	Thermal Discharging
SWN021	329	'1470400_/_1470413'		0.2	1.37	0.7	0	0.6	1.56	0.66 No	0	Thermal Discharging
SWN021	330	'96567985_/_96567994'		0.23	1.17	1.2	0.09	0.4	1.58	0.66 No	0.09	Thermal Discharging
SWN021	331	'1446871_/_1446868'		0.23	1.3	0.5	0	0.2	1.57	0.66 No	0	Thermal Discharging
SWN021	332	'1478161_/_1478158'		0.5	3.4	3.6	0.26	1.3	4.74	1.97 No	0.26	Thermal Discharging
SWN021	333	'1468581_/_1468591'		0.23	1.3	0.5	0	0.2	1.56	0.66 No	0	Thermal Discharging
SWN021	334	'42994083_/_1473779'		0.17	1.13	1.17	0.09	0.2	1.57	0.66 No	0.09	Thermal Discharging
SWN021	335	'1471747_/_42988212'		0.17	1.13	1.17	0.09	0.2	1.57	0.66 No	0.09	Thermal Discharging
SWN021	336	'1477946_/_1478027_1'		0.17	1.13	1.2	0.09	0.4	1.57	0.66 No	0.09	Thermal Discharging
SWN021	337	'69050750_/_1470621'		0.2	1.33	0.7	0	0.6	1.54	0.66 No	0	Thermal Discharging
SWN021	338	'7204792_/_7204790'		0.2	1.1	1.17	0.09	0.1	1.57	0.66 No	0.09	Thermal Discharging
SWN021	339	'50699476_/_50699455'		0.2	1.17	1.2	0.09	0.4	1.56	0.66 No	0.09	Thermal Discharging
SWN021	340	'447072237_/_447072256'		0.23	1.17	1.23	0.09	0.4	1.56	0.66 No	0.09	Thermal Discharging
SWN021	341	'1473807_/_42994085'		0.17	1.13	1.17	0.09	0.2	1.56	0.66 No	0.09	Thermal Discharging
SWN021	342	'8784502_/_8784500_1'		0.17	1.13	1.17	0.09	0.1	1.55	0.66 No	0.09	Thermal Discharging
SWN021	343	'1446884_/_1446881'		0.23	1.27	0.5	0	0.2	1.54	0.66 No	0	Thermal Discharging
SWN021	344	'7524264_/_7524261_1'		0.2	1.1	1.17	0.09	0.1	1.55	0.66 No	0.09	Thermal Discharging
SWN021	345	'1469831_/_1469829'		0.23	1.27	0.47	0	0.6	1.54	0.66 No	0	Thermal Discharging
SWN021	346	'1470387_/_1470397'		0.2	1.33	0.7	0	0.6	1.53	0.66 No	0	Thermal Discharging
SWN021	347	'1478172_/_1478169'		0.5	3.3	3.6	0.26	1.3	4.66	1.97 No	0.26	Thermal Discharging
SWN021	348	'50699505_/_50699479'		0.2	1.13	1.23	0.09	0.4	1.54	0.66 No	0.09	Thermal Discharging
SWN021	349	'1473808_/_1473805'		0.17	1.1	1.2	0.09	0.2	1.54	0.66 No	0.09	Thermal Discharging
SWN021	350	'1470636_/_1470634'		0.2	1.33	0.7	0	0.6	1.52	0.66 No	0	Thermal Discharging
SWN021	351	'7524312_/_682005266_2'		0.17	1.1	1.2	0.09	0.2	1.54	0.66 No	0.09	Thermal Discharging
SWN021	352	'682005244_/_682005266_1'		0.17	1.1	1.2	0.09	0.1	1.54	0.66 No	0.09	Thermal Discharging
SWN021	353	'1468565_/_1468578'		0.23	1.23	0.5	0	0.2	1.52	0.66 No	0	Thermal Discharging
SWN021	354	'7524311_/_7524309'		0.17	1.1	1.2	0.09	0.1	1.53	0.66 No	0.09	Thermal Discharging
SWN021	355	'447072315_/_447072334'		0.23	1.13	1.23	0.09	0.4	1.53	0.66 No	0.09	Thermal Discharging
SWN021	356	'8784503_/_8784500_2'		0.17	1.1	1.2	0.09	0.1	1.53	0.66 No	0.09	Thermal Discharging
SWN021	357	'346818572_/_327478271_1'		0.23	1.23	0.5	0	0.1	1.52	0.66 No	0	Thermal Discharging
SWN021	358	'43004122_/_1478180'		0.5	3.3	3.6	0.26	1.3	4.6	1.97 No	0.26	Thermal Discharging
SWN021	359	'1477933_/_1477943'		0.17	1.1	1.2	0.09	0.4	1.53	0.66 No	0.09	Thermal Discharging
SWN021	360	'1446897_/_1446894'		0.23	1.23	0.5	0	0.2	1.51	0.66 No	0	Thermal Discharging
SWN021	361	'447072354_/_447072373'		0.23	1.13	1.23	0.09	0.4	1.52	0.66 No	0.09	Thermal Discharging
SWN021	362	'50699528_/_50699507'		0.2	1.13	1.23	0.09	0.4	1.52	0.66 No	0.09	Thermal Discharging
SWN021	363	'1447237_/_1470050'		0.2	1.23	0.43	0	0.6	1.51	0.66 No	0	Thermal Discharging
SWN021	364	'1470386_/_1470384'		0.17	1.27	0.7	0	0.6	1.5	0.66 No	0	Thermal Discharging
SWN021	365	'1470649_/_1470647'		0.17	1.3	0.7	0	0.6	1.5	0.66 No	0	Thermal Discharging
SWN021	366	'42994094_/_1474477'		0.17	1.1	1.2	0.09	0.2	1.51	0.66 No	0.09	Thermal Discharging
SWN021	367	'1473795_/_7524361_2'		0.17	1.1	1.2	0.09	0.2	1.51	0.66 No	0.09	Thermal Discharging
SWN021	368	'116200162_/_116200173'		0.2	1.07	1.2	0.09	0.1	1.51	0.66 No	0.09	Thermal Discharging
SWN021	369	'45209858_/_1478194'		0.5	3.2	3.6	0.26	1.3	4.52	1.97 No	0.26	Thermal Discharging
SWN021	370	'7204904_/_7524361_1'		0.17	1.07	1.2	0.09	0.1	1.5	0.66 No	0.09	Thermal Discharging
SWN021	371	'50699552_/_50699531'		0.17	1.1	1.23	0.09	0.4	1.5	0.66 No	0.09	Thermal Discharging
SWN021	372	'69848286_/_69848283'		0.17	1.07	1.2	0.09	0.1	1.5	0.66 No	0.09	Thermal Discharging
SWN021	373	'1477920_/_1477930'		0.17	1.07	1.23	0.09	0.4	1.5	0.66 No	0.09	Thermal Discharging
SWN021	374	'1446844_/_1447235'		0.23	1.2	0.43	0	0.6	1.48	0.66 No	0	Thermal Discharging
SWN021	375	'1470662_/_1470660'		0.17	1.27	0.7	0	0.6	1.47	0.66 No	0	Thermal Discharging
SWN021	376	'1468552_/_1468562'		0.23	1.2	0.5	0	0.2	1.48	0.66 No	0	Thermal Discharging
SWN021	377	'1446910_/_1446907'		0.23	1.2	0.5	0	0.2	1.48	0.66 No	0	Thermal Discharging
SWN021	378	'1470027_/_1470037'		0.2	1.2	0.43	0	0.6	1.48	0.66 No	0	Thermal Discharging
SWN021	379	'50699576_/_50699555'		0.17	1.1	1.23	0.09	0.4	1.48	0.66 No	0.09	Thermal Discharging
SWN021	380	'53876823_/_53876830'		0.2	1.07	1.2	0.09	0.1	1.48	0.66 No	0.09	Thermal Discharging
SWN021	381	'69050782_/_1470673_2'		0.17	1.27	0.7	0	0.6	1.45	0.66 No	0	Thermal Discharging
SWN021	382	'1470675_/_1470673_1'		0.17	1.27	0.7	0	0.6	1.45	0.66 No	0	Thermal Discharging
SWN021	383	'1446845_/_1446842'		0.2	1.2	0.43	0	0.6	1.46	0.66 No	0	Thermal Discharging
SWN021	384	'1446923_/_1446920'		0.2	1.2	0.5	0	0.2	1.46	0.66 No	0	Thermal Discharging
SWN021	385	'7524232_/_8784464'		0.17	1.03	1.2	0.09	0.1	1.47	0.66 No	0.09	Thermal Discharging
SWN021	386	'7524379_/_7524377'		0.17	1.07	1.2	0.09	0.1	1.47	0.66 No	0.09	Thermal Discharging
SWN021	387	'37599444_/_7204902'		0.17	1.07	1.2	0.09	0.1	1.47	0.66 No	0.09	Thermal Discharging
SWN021	388	'37599451_/_37599448'		0.17	1.07	1.2	0.09	0.1	1.47	0.66 No	0.09	Thermal Discharging
SWN021	389	'37599458_/_37599455'		0.17	1.07	1.2	0.09	0.1	1.47	0.66 No	0.09	Thermal Discharging
SWN021	390	'37599486_/_37599483'		0.17	1.07	1.2	0.09	0.1	1.47	0.66 No	0.09	Thermal Discharging
SWN021	391	'37599472_/_37599476'		0.17	1.07	1.2	0.09	0.1	1.47	0.66 No	0.09	Thermal Discharging
SWN021	392	'1468539_/_1468549'		0.2	1.17	0.5	0	0.2	1.45	0.66 No	0	Thermal Discharging
SWN021	393	'1470014_/_1470024'		0.2	1.17	0.43	0	0.6	1.45	0.66 No	0	Thermal Discharging
SWN021	394	'50699600_/_50699579'		0.17	1.07	1.27	0.09	0.4	1.46	0.66 No	0.09	Thermal Discharging
SWN021	395	'116200252_/_116200263'		0.2	1.03	1.2	0.09	0.1	1.46	0.66 No	0.09	Thermal Discharging
SWN021	396	'327478252_/_327478271_2'		0.2	1.17	0.5	0	0.1	1.45	0.66 No	0	Thermal Discharging
SWN021	397	'1471491_/_1477917'		0.17	1.03	1.23	0.09	0.4	1.46	0.66 No	0.09	Thermal Discharging
SWN021	398	'1470688_/_1470686'		0.17	1.23	0.7	0	0.6	1.43	0.66 No	0	Thermal Discharging
SWN021	399	'1446858_/_1446855'		0.2	1.17	0.43	0	0.6	1.43	0.66 No	0	Thermal Discharging
SWN021	400	'7155368_/_7155365'		0.17	1.23	0.7	0	0.6	1.43	0.66 No	0	Thermal Discharging
SWN021	401	'7204840_/_8467351'		0.17	1.03	1.2	0.09	0.1	1.45	0.66 No	0.09	Thermal Discharging
SWN021	402	'1446936_/_1446933'		0.2	1.17	0.5	0	0.2	1.43	0.66 No	0	Thermal Discharging
SWN021	403	'50699624_/_50699603'		0.17	1.07	1.27	0.09	0.4	1.44	0.66 No	0.09	Thermal Discharging
SWN021	404	'7524327_/_8467399'		0.17	1.03	1.23	0.09	0.1	1.44	0.66 No	0.09	Thermal Discharging
SWN021	405	'7524216_/_7524229'		0.17	1	1.2	0.09	0.1	1.44	0.66 No	0.09	Thermal Discharging
SWN021	406	'1470001_/_1470011'		0.2	1.17	0.4	0	0.6	1.42	0.66 No	0	Thermal Discharging
SWN021	407	'1447289_/_1473412'		0.17	1.23	0.7	0	0.6	1.41	0.66 No	0	Thermal Discharging
SWN021	408	'1468526_/_1468536'		0.2	1.13	0.5	0	0.2	1.42	0.66 No	0	Thermal Discharging
SWN021	409	'1471478_/_1471488'		0.17	1.03	1.23	0.09	0.4	1.43	0.66 No	0.09	Thermal Discharging
SWN021	410	'53876862_/_53876869'		0.2	1	1.23	0.09	0.1	1.43	0.66 No	0.09	Thermal Discharging
SWN021	411	'7204841_/_7204838'		0.17	1	1.23	0.09	0.1	1.43	0.66 No	0.09	Thermal Discharging
SWN021	412	'50699630_/_50699627'		0.17	1.07	1.27	0.09	0.4	1.42	0.66 No	0.09	Thermal Discharging
SWN021	413	'1446949_/_1446946'		0.2	1.13	0.5	0	0.2	1.41	0.66 No	0	Thermal Discharging
SWN021	414	'50699683_/_50699662_1'		0.17	1.07	1.27	0.09	0.2	1.41	0.66 No	0.09	Thermal Discharging
SWN021	415	'1447290_/_1447287'		0.17	1.2	0.7	0	0.6	1.39	0.66 No	0	Thermal Discharging
SWN021	416	'1469988_/_1469998'		0.2	1.13	0.4	0	0.6	1.4	0.66 No	0	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SWN021	417	'7524328_/_7524325'		0.17	1	1.23	0.09	0.1	1.41	0.66 No	0.09 Thermal Discharging
SWN021	418	'7835349_/_7835346'		0.17	1	1.23	0.09	0.1	1.41	0.66 No	0.09 Thermal Discharging
SWN021	419	'1468513_/_1468523'		0.2	1.13	0.5	0	0.2	1.39	0.66 No	0 Thermal Discharging
SWN021	420	'50699655_/_50699662_2'		0.17	1.03	1.27	0.09	0.2	1.4	0.66 No	0.09 Thermal Discharging
SWN021	421	'1471465_/_1471475'		0.13	1	1.27	0.09	0.4	1.4	0.66 No	0.09 Thermal Discharging
SWN021	422	'8467369_/_9103105'		0.17	1	1.23	0.09	0.1	1.4	0.66 No	0.09 Thermal Discharging
SWN021	423	'1446962_/_1446959'		0.2	1.13	0.5	0	0.2	1.39	0.66 No	0 Thermal Discharging
SWN021	424	'1447303_/_1447300'		0.17	1.2	0.7	0	0.6	1.38	0.66 No	0 Thermal Discharging
SWN021	425	'1470305_/_1470303_2'		0.17	1.2	0.7	0	0.6	1.37	0.66 No	0 Thermal Discharging
SWN021	426	'53876890_/_53876892'		0.2	1	1.23	0.09	0.1	1.39	0.66 No	0.09 Thermal Discharging
SWN021	427	'7524215_/_7524213'		0.17	0.97	1.23	0.09	0.1	1.39	0.66 No	0.09 Thermal Discharging
SWN021	428	'9103092_/_9103089'		0.17	1	1.23	0.09	0.1	1.39	0.66 No	0.09 Thermal Discharging
SWN021	429	'1469975_/_1469985'		0.2	1.1	0.4	0	0.6	1.37	0.66 No	0 Thermal Discharging
SWN021	430	'1471452_/_1471462'		0.13	1	1.27	0.09	0.4	1.39	0.66 No	0.09 Thermal Discharging
SWN021	431	'7204856_/_8467367'		0.17	0.97	1.23	0.09	0.1	1.38	0.66 No	0.09 Thermal Discharging
SWN021	432	'1471507_/_1471504'		0.13	1	1.27	0.09	0.4	1.38	0.66 No	0.09 Thermal Discharging
SWN021	433	'7131236_/_1477216_1'		0.13	1	1.27	0.09	0.4	1.38	0.66 No	0.09 Thermal Discharging
SWN021	434	'1470173_/_1470170'		0.17	1.17	0.7	0	0.6	1.36	0.66 No	0 Thermal Discharging
SWN021	435	'1468500_/_1468510'		0.2	1.1	0.5	0	0.2	1.37	0.66 No	0 Thermal Discharging
SWN021	436	'44055834_/_7131234'		0.13	0.97	1.27	0.09	0.4	1.38	0.66 No	0.09 Thermal Discharging
SWN021	437	'37599500_/_8467383'		0.17	0.97	1.23	0.09	0.1	1.38	0.66 No	0.09 Thermal Discharging
SWN021	438	'1470306_/_1470303_1'		0.17	1.17	0.7	0	0.1	1.35	0.66 No	0 Thermal Discharging
SWN021	439	'1446975_/_1446972'		0.2	1.1	0.5	0	0.2	1.36	0.66 No	0 Thermal Discharging
SWN021	440	'500102919_/_500102859_1'		0.13	0.97	1.27	0.09	0.1	1.37	0.66 No	0.09 Thermal Discharging
SWN021	441	'500102843_/_500102859_2'		0.13	0.97	1.27	0.09	0.1	1.37	0.66 No	0.09 Thermal Discharging
SWN021	442	'1470186_/_1470183'		0.17	1.17	0.73	0	0.6	1.34	0.66 No	0 Thermal Discharging
SWN021	443	'1469962_/_1469972'		0.2	1.1	0.4	0	0.6	1.35	0.66 No	0 Thermal Discharging
SWN021	444	'1471439_/_1471449'		0.13	0.97	1.27	0.09	0.4	1.36	0.66 No	0.09 Thermal Discharging
SWN021	445	'42984543_/_1477216_2'		0.13	0.97	1.27	0.09	0.4	1.36	0.66 No	0.09 Thermal Discharging
SWN021	446	'1446988_/_1446985'		0.2	1.07	0.5	0	0.2	1.34	0.66 No	0 Thermal Discharging
SWN021	447	'1470319_/_1470316'		0.17	1.13	0.73	0	0.1	1.33	0.66 No	0 Thermal Discharging
SWN021	448	'1468487_/_1468497'		0.2	1.07	0.5	0	0.2	1.34	0.66 No	0 Thermal Discharging
SWN021	449	'145361884_/_1471436'		0.13	0.97	1.3	0.09	0.4	1.35	0.66 No	0.09 Thermal Discharging
SWN021	450	'1470199_/_1470196'		0.17	1.13	0.73	0	0.6	1.33	0.66 No	0 Thermal Discharging
SWN021	451	'1470332_/_1470329'		0.17	1.13	0.73	0	0.1	1.32	0.66 No	0 Thermal Discharging
SWN021	452	'69050774_/_42984545'		0.13	0.97	1.3	0.09	0.4	1.34	0.66 No	0.09 Thermal Discharging
SWN021	453	'1469949_/_1469959'		0.2	1.07	0.37	0	0.6	1.33	0.66 No	0 Thermal Discharging
SWN021	454	'7835484_/_7835482_1'		0.13	0.97	1.3	0.09	0.2	1.34	0.66 No	0.09 Thermal Discharging
SWN021	455	'1447001_/_1446998'		0.2	1.07	0.5	0	0.2	1.32	0.66 No	0 Thermal Discharging
SWN021	456	'1470212_/_1470209'		0.17	1.13	0.73	0	0.6	1.31	0.66 No	0 Thermal Discharging
SWN021	457	'7204761_/_7204774_1'		0.17	1.13	0.73	0	0.1	1.31	0.66 No	0 Thermal Discharging
SWN021	458	'1470345_/_1470342'		0.17	1.1	0.73	0	0.1	1.31	0.66 No	0 Thermal Discharging
SWN021	459	'1468474_/_1468484'		0.2	1.03	0.5	0	0.2	1.31	0.66 No	0 Thermal Discharging
SWN021	460	'7835485_/_7835482_2'		0.13	0.93	1.3	0.09	0.2	1.32	0.66 No	0.09 Thermal Discharging
SWN021	461	'240696061_/_231182556'		0.13	0.93	1.3	0.09	0.4	1.32	0.66 No	0.09 Thermal Discharging
SWN021	462	'231182648_/_231182607_1'		0.13	0.93	1.3	0.09	0.2	1.32	0.66 No	0.09 Thermal Discharging
SWN021	463	'451372400_/_451372419'		0.2	0.93	1.27	0.09	0.1	1.32	0.66 No	0.09 Thermal Discharging
SWN021	464	'1470225_/_1470222'		0.17	1.1	0.73	0	0.6	1.3	0.66 No	0 Thermal Discharging
SWN021	465	'1477245_/_1477242'		0.13	0.93	1.3	0.09	0.4	1.32	0.66 No	0.09 Thermal Discharging
SWN021	466	'1471397_/_1471407'		0.13	0.93	1.3	0.09	0.4	1.32	0.66 No	0.09 Thermal Discharging
SWN021	467	'1469844_/_1469946'		0.17	1.03	0.37	0	0.6	1.3	0.66 No	0 Thermal Discharging
SWN021	468	'8155495_/_8155493'		0.17	0.9	1.27	0.09	0.1	1.32	0.66 No	0.09 Thermal Discharging
SWN021	469	'1469845_/_1470118_1'		0.17	1.03	0.37	0	0.2	1.3	0.66 No	0 Thermal Discharging
SWN021	470	'1447014_/_1447011'		0.2	1.03	0.5	0	0.2	1.3	0.66 No	0 Thermal Discharging
SWN021	471	'231182588_/_231182607_2'		0.13	0.93	1.3	0.09	0.2	1.31	0.66 No	0.09 Thermal Discharging
SWN021	472	'1470361_/_1470358'		0.17	1.1	0.73	0	0.1	1.29	0.66 No	0 Thermal Discharging
SWN021	473	'1470238_/_1470235'		0.17	1.1	0.73	0	0.6	1.28	0.66 No	0 Thermal Discharging
SWN021	474	'1447069_/_1447066'		0.2	1.03	0.5	0	0.2	1.29	0.66 No	0 Thermal Discharging
SWN021	475	'1468461_/_1468471'		0.17	1.03	0.5	0	0.2	1.29	0.66 No	0 Thermal Discharging
SWN021	476	'8155480_/_8467319'		0.17	0.9	1.27	0.09	0.1	1.3	0.66 No	0.09 Thermal Discharging
SWN021	477	'1470121_/_1470118_2'		0.17	1.03	0.37	0	0.2	1.29	0.66 No	0 Thermal Discharging
SWN021	478	'1471519_/_1477255'		0.13	0.93	1.3	0.09	0.4	1.3	0.66 No	0.09 Thermal Discharging
SWN021	479	'1471384_/_1471394'		0.13	0.93	1.33	0.09	0.4	1.3	0.66 No	0.09 Thermal Discharging
SWN021	480	'1469923_/_1469933'		0.17	1.03	0.37	0	0.6	1.28	0.66 No	0 Thermal Discharging
SWN021	481	'1470251_/_1470248'		0.17	1.1	0.73	0	0.6	1.27	0.66 No	0 Thermal Discharging
SWN021	482	'117747654_/_117747614_1'		0.13	0.9	1.33	0.09	0.2	1.29	0.66 No	0.09 Thermal Discharging
SWN021	483	'8155479_/_8155477'		0.17	0.9	1.27	0.09	0.1	1.29	0.66 No	0.09 Thermal Discharging
SWN021	484	'1447030_/_1447027'		0.17	1	0.5	0	0.2	1.27	0.66 No	0 Thermal Discharging
SWN021	485	'1470264_/_1470261'		0.13	1.07	0.73	0	0.6	1.26	0.66 No	0 Thermal Discharging
SWN021	486	'1470134_/_1470131'		0.17	1	0.37	0	0.2	1.27	0.66 No	0 Thermal Discharging
SWN021	487	'451372439_/_451372458'		0.2	0.9	1.3	0.09	0.1	1.28	0.66 No	0.09 Thermal Discharging
SWN021	488	'1471371_/_1471381'		0.13	0.9	1.33	0.09	0.4	1.28	0.66 No	0.09 Thermal Discharging
SWN021	489	'1468448_/_1468458'		0.17	1	0.5	0	0.2	1.27	0.66 No	0 Thermal Discharging
SWN021	490	'1471520_/_1471517'		0.13	0.9	1.33	0.09	0.4	1.28	0.66 No	0.09 Thermal Discharging
SWN021	491	'105311222_/_105311111_1'		0.13	0.9	1.33	0.09	0.2	1.27	0.66 No	0.09 Thermal Discharging
SWN021	492	'117747603_/_117747614_2'		0.13	0.9	1.33	0.09	0.2	1.27	0.66 No	0.09 Thermal Discharging
SWN021	493	'1469910_/_1469920'		0.17	1	0.37	0	0.6	1.26	0.66 No	0 Thermal Discharging
SWN021	494	'68497968_/_68497971'		0.17	1	0.5	0	0.2	1.26	0.66 No	0 Thermal Discharging
SWN021	495	'1470277_/_1470290'		0.13	1.07	0.73	0	0.6	1.25	0.66 No	0 Thermal Discharging
SWN021	496	'7204777_/_7204774_2'		0.13	1.03	0.73	0	0.1	1.25	0.66 No	0 Thermal Discharging
SWN021	497	'1447043_/_1447040'		0.17	1	0.5	0	0.2	1.25	0.66 No	0 Thermal Discharging
SWN021	498	'1470147_/_1470144'		0.17	1	0.37	0	0.2	1.25	0.66 No	0 Thermal Discharging
SWN021	499	'105311114_/_105311111_2'		0.13	0.9	1.33	0.09	0.2	1.26	0.66 No	0.09 Thermal Discharging
SWN021	500	'1470079_/_1470076'		0.17	1	0.5	0	0.2	1.25	0.66 No	0 Thermal Discharging
SWN021	501	'1471370_/_1471368'		0.13	0.9	1.33	0.09	0.4	1.26	0.66 No	0.09 Thermal Discharging
SWN021	502	'1468396_/_1468445'		0.17	1	0.5	0	0.2	1.25	0.66 No	0 Thermal Discharging
SWN021	503	'1471533_/_1471530'		0.13	0.9	1.33	0.09	0.4	1.26	0.66 No	0.09 Thermal Discharging
SWN021	504	'1477304_/_1477302'		0.17	1	0.37	0	0.6	1.24	0.66 No	0 Thermal Discharging
SWN021	505	'1469897_/_1469907'		0.17	0.97	0.37	0	0.6	1.24	0.66 No	0 Thermal Discharging
SWN021	506	'1470276_/_1470274'		0.13	1.03	0.73	0	0.6	1.23	0.66 No	0 Thermal Discharging
SWN021	507	'1470160_/_1470157'		0.17	0.97	0.37	0	0.2	1.23	0.66 No	0 Thermal Discharging
SWN021	508	'105311141_/_105311138'		0.13	0.87	1.37	0.09	0.2	1.24	0.66 No	0.09 Thermal Discharging
SWN021	509	'1468380_/_1468393'		0.17	0.97	0.5	0	0.2	1.23	0.66 No	0 Thermal Discharging
SWN021	510	'1447056_/_1447053'		0.17	0.97	0.5	0	0.2	1.23	0.66 No	0 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
											VSR (MW)	Limiting Threshold
SWN021	511	'1471546_/_1471543'		0.13	0.87	1.37	0.09	0.4	1.24	0.66 No	0.09	Thermal Discharging
SWN021	512	'682053734_/_682053750'		0.2	0.87	1.33	0.09	0.1	1.23	0.66 No	0.09	Thermal Discharging
SWN021	513	'42988686_/_1477315'		0.17	0.97	0.37	0	0.6	1.22	0.66 No	0	Thermal Discharging
SWN021	514	'1447224_/_1469894'		0.17	0.97	0.33	0	0.6	1.22	0.66 No	0	Thermal Discharging
SWN021	515	'105311168_/_105311165'		0.13	0.87	1.37	0.09	0.2	1.23	0.66 No	0.09	Thermal Discharging
SWN021	516	'394817606_/_1447222_1'		0.17	0.97	0.33	0	0.1	1.22	0.66 No	0	Thermal Discharging
SWN021	517	'105311263_/_105311246_1'		0.13	0.87	1.37	0.09	0.1	1.22	0.66 No	0.09	Thermal Discharging
SWN021	518	'1447082_/_1447079'		0.17	0.97	0.5	0	0.2	1.22	0.66 No	0	Thermal Discharging
SWN021	519	'1468379_/_1468377'		0.17	0.97	0.5	0	0.2	1.21	0.66 No	0	Thermal Discharging
SWN021	520	'1471559_/_1471556'		0.13	0.87	1.37	0.09	0.4	1.22	0.66 No	0.09	Thermal Discharging
SWN021	521	'1447225_/_1447222_2'		0.17	0.93	0.33	0	0.1	1.2	0.66 No	0	Thermal Discharging
SWN021	522	'1447095_/_1447092'		0.17	0.93	0.5	0	0.2	1.2	0.66 No	0	Thermal Discharging
SWN021	523	'1469871_/_1469881'		0.17	0.93	0.33	0	0.6	1.2	0.66 No	0	Thermal Discharging
SWN021	524	'1477318_/_42988688'		0.17	0.93	0.37	0	0.6	1.2	0.66 No	0	Thermal Discharging
SWN021	525	'1471572_/_1471569'		0.13	0.83	1.4	0.09	0.4	1.2	0.66 No	0.09	Thermal Discharging
SWN021	526	'1447108_/_1447105'		0.17	0.93	0.5	0	0.2	1.18	0.66 No	0	Thermal Discharging
SWN021	527	'1471585_/_1471582'		0.13	0.83	1.4	0.09	0.4	1.18	0.66 No	0.09	Thermal Discharging
SWN021	528	'1471597_/_1471676'		0.13	0.83	1.4	0.09	0.4	1.18	0.66 No	0.09	Thermal Discharging
SWN021	529	'1447121_/_1447118'		0.17	0.9	0.5	0	0.2	1.17	0.66 No	0	Thermal Discharging
SWN021	530	'1469858_/_1469868'		0.17	0.9	0.33	0	0.6	1.16	0.66 No	0	Thermal Discharging
SWN021	531	'105311297_/_105311246_2'		0.13	0.83	1.43	0.09	0.1	1.16	0.66 No	0.09	Thermal Discharging
SWN021	532	'1471598_/_1471595'		0.13	0.83	1.43	0.09	0.4	1.16	0.66 No	0.09	Thermal Discharging
SWN021	533	'65642132_/_65642104_1'		0.13	0.8	1.43	0.09	0.4	1.16	0.66 No	0.09	Thermal Discharging
SWN021	534	'65642030_/_65642035'		0.1	0.8	1.47	0.09	0.4	1.15	0.66 No	0.09	Thermal Discharging
SWN021	535	'1471611_/_1471608'		0.1	0.8	1.47	0.09	0.4	1.15	0.66 No	0.09	Thermal Discharging
SWN021	536	'65642093_/_65642104_2'		0.1	0.8	1.47	0.09	0.4	1.14	0.66 No	0.09	Thermal Discharging
SWN021	537	'1447212_/_1469855'		0.17	0.9	0.33	0	0.6	1.13	0.66 No	0	Thermal Discharging
SWN021	538	'345362230_/_1471621'		0.1	0.8	1.47	0.09	0.4	1.14	0.66 No	0.09	Thermal Discharging
SWN021	539	'1447211_/_1447209'		0.17	0.87	0.3	0	0.6	1.12	0.66 No	0	Thermal Discharging
SWN021	540	'1471624_/_345362232'		0.1	0.8	1.5	0.09	0.4	1.13	0.66 No	0.09	Thermal Discharging
SWN021	541	'1469741_/_1469751'		0.13	0.87	0.3	0	0.6	1.11	0.66 No	0	Thermal Discharging
SWN021	542	'1471637_/_1471634'		0.1	0.77	1.53	0.09	0.4	1.11	0.66 No	0.09	Thermal Discharging
SWN021	543	'1469728_/_1469738'		0.13	0.87	0.3	0	0.6	1.1	0.66 No	0	Thermal Discharging
SWN021	544	'42988140_/_1471647'		0.1	0.77	1.57	0.09	0.4	1.09	0.66 No	0.09	Thermal Discharging
SWN021	545	'1469715_/_1469725'		0.13	0.83	0.3	0	0.6	1.08	0.66 No	0	Thermal Discharging
SWN021	546	'1469702_/_1469712'		0.13	0.83	0.3	0	0.6	1.07	0.66 No	0	Thermal Discharging
SWN021	547	'1471650_/_42988142'		0.1	0.73	1.63	0.09	0.4	1.07	0.66 No	0.09	Thermal Discharging
SWN021	548	'1469689_/_1469699'		0.13	0.8	0.3	0	0.6	1.05	0.66 No	0	Thermal Discharging
SWN021	549	'1447277_/_1469686'		0.13	0.8	0.3	0	0.6	1.04	0.66 No	0	Thermal Discharging
SWN021	550	'1447276_/_1447274'		0.13	0.8	0.3	0	0.6	1.03	0.66 No	0	Thermal Discharging
SWN021	551	'1469806_/_1469816'		0.13	0.8	0.3	0	0.6	1.02	0.66 No	0	Thermal Discharging
SWN021	552	'1469662_/_1469673'		0.13	0.77	0.3	0	0.6	1.01	0.66 No	0	Thermal Discharging
SWN021	553	'1469793_/_1469803'		0.13	0.77	0.27	0	0.6	1.01	0.66 No	0	Thermal Discharging
SWN021	554	'1469780_/_1469790'		0.13	0.77	0.27	0	0.6	1	0.66 No	0	Thermal Discharging
SWN021	555	'1469663_/_1469660'		0.13	0.77	0.3	0	0.6	1	0.66 No	0	Thermal Discharging
SWN021	556	'42988675_/_42988677'		0.13	0.77	0.27	0	0.6	0.99	0.66 No	0	Thermal Discharging
SWN021	557	'1469767_/_1469764_2'		0.13	0.77	0.27	0	0.6	0.98	0.66 No	0	Thermal Discharging
SWN021	558	'1447199_/_1469764_1'		0.13	0.73	0.27	0	0.6	0.95	0.66 No	0	Thermal Discharging
SWN021	559	'1447198_/_1447196'		0.13	0.73	0.27	0	0.6	0.94	0.66 No	0	Thermal Discharging
SWN021	560	'42988631_/_1477328'		0.13	0.7	0.27	0	0.6	0.93	0.66 No	0	Thermal Discharging
SWN021	561	'1469481_/_42988633'		0.1	0.7	0.27	0	0.6	0.91	0.66 No	0	Thermal Discharging
SWN021	562	'42988642_/_1469491'		0.1	0.7	0.27	0	0.6	0.9	0.66 No	0	Thermal Discharging
SWN021	563	'1469506_/_42988644'		0.1	0.67	0.27	0	0.6	0.89	0.66 No	0	Thermal Discharging
SWN021	564	'1469507_/_1469504'		0.1	0.67	0.27	0	0.6	0.88	0.66 No	0	Thermal Discharging
SWN021	565	'1469520_/_1469517'		0.1	0.67	0.27	0	0.6	0.87	0.66 No	0	Thermal Discharging
SWN021	566	'42988653_/_1469530'		0.1	0.67	0.27	0	0.6	0.86	0.66 No	0	Thermal Discharging
SWN021	567	'1469533_/_1469569_1'		0.1	0.67	0.27	0	0.6	0.86	0.66 No	0	Thermal Discharging
SWN021	568	'42988664_/_1469569_2'		0.1	0.63	0.27	0	0.6	0.85	0.66 No	0	Thermal Discharging
SWN021	569	'1469546_/_1469543'		0.1	0.63	0.27	0	0.6	0.84	0.66 No	0	Thermal Discharging
SWN021	570	'259135114_/_7835330'		0.1	0.57	0.27	0	0.6	0.77	0.66 No	0	Thermal Discharging
SWN021	571	'259135158_/_259135155'		0.1	0.57	0.27	0	0.6	0.76	0.66 No	0	Thermal Discharging
SWN021	572	'330860401_/_259135208_1'		0.1	0.57	0.27	0	0.1	0.76	0.66 No	0	Thermal Discharging
SWN021	573	'1469468_/_7524197'		0.1	0.53	0.27	0	0.6	0.74	0.66 No	0	Thermal Discharging
SWN021	574	'52766030_/_52766027'		0.1	0.53	0.27	0	0.6	0.73	0.66 No	0	Thermal Discharging
SWN021	575	'1469455_/_1469465'		0.1	0.53	0.27	0	0.6	0.73	0.66 No	0	Thermal Discharging
SWN021	576	'52766055_/_52766052'		0.1	0.53	0.27	0	0.6	0.73	0.66 No	0	Thermal Discharging
SWN021	577	'1447186_/_1469452'		0.1	0.53	0.27	0	0.6	0.72	0.66 No	0	Thermal Discharging
SWN021	578	'52766080_/_52766077'		0.1	0.53	0.27	0	0.6	0.72	0.66 No	0	Thermal Discharging
SWN021	579	'1447185_/_1447183'		0.1	0.53	0.27	0	0.6	0.72	0.66 No	0	Thermal Discharging
SWN021	580	'1469429_/_1469439'		0.1	0.53	0.27	0	0.6	0.72	0.66 No	0	Thermal Discharging
SWN021	581	'52766105_/_52766102'		0.1	0.53	0.27	0	0.6	0.71	0.66 No	0	Thermal Discharging
SWN021	582	'330860259_/_52766134_1'		0.1	0.53	0.27	0	0.1	0.71	0.66 No	0	Thermal Discharging
SWN021	583	'1447173_/_1469426'		0.1	0.53	0.27	0	0.6	0.71	0.66 No	0	Thermal Discharging
SWN021	584	'52766127_/_52766134_2'		0.1	0.53	0.27	0	0.1	0.71	0.66 No	0	Thermal Discharging
SWN021	585	'1447172_/_1447170'		0.07	0.5	0.27	0	0.6	0.7	0.66 No	0	Thermal Discharging
SWN021	586	'1469218_/_1469228'		0.07	0.5	0.27	0	0.6	0.7	0.66 No	0	Thermal Discharging
SWN021	587	'1469637_/_1469647'		0.07	0.5	0.27	0	0.6	0.69	0.66 No	0	Thermal Discharging
SWN021	588	'1469205_/_1469215'		0.07	0.5	0.27	0	0.6	0.69	0.66 No	0	Thermal Discharging
SWN021	589	'259135189_/_259135208_2'		0.07	0.5	0.27	0	0.1	0.69	0.66 No	0	Thermal Discharging
SWN021	590	'1469624_/_1469634'		0.07	0.5	0.27	0	0.6	0.69	0.66 No	0	Thermal Discharging
SWN021	591	'1469192_/_1469202'		0.07	0.5	0.27	0	0.6	0.68	0.66 No	0	Thermal Discharging
SWN021	592	'1469611_/_1469621'		0.07	0.5	0.27	0	0.6	0.68	0.66 No	0	Thermal Discharging
SWN021	593	'1469191_/_1469189'		0.07	0.5	0.27	0	0.6	0.68	0.66 No	0	Thermal Discharging
SWN021	594	'1447159_/_1469608'		0.07	0.5	0.27	0	0.6	0.67	0.66 No	0	Thermal Discharging
SWN021	595	'1469363_/_1469374'		0.07	0.5	0.27	0	0.6	0.67	0.66 No	0	Thermal Discharging
SWN021	596	'1469585_/_1469582'		0.07	0.5	0.27	0	0.6	0.67	0.66 No	0	Thermal Discharging
SWN021	597	'1447160_/_1447157'		0.07	0.5	0.27	0	0.6	0.67	0.66 No	0	Thermal Discharging
SWN021	598	'42988587_/_42988589'		0.07	0.5	0.27	0	0.6	0.66	0.66 No	0	Thermal Discharging
SWN021	599	'420691593_/_1477341_2'		0.07	0.47	0.27	0	0.6	0.66	0.66 No	0	Thermal Discharging
SWN021	600	'1469364_/_1469361'		0.07	0.47	0.27	0	0.6	0.66	0.66 No	0	Thermal Discharging
SWN021	601	'1469598_/_1469595'		0.07	0.47	0.27	0	0.6	0.66	0.66 No	0	Thermal Discharging
SWN021	602	'1477343_/_1477341_1'		0.07	0.47	0.27	0	0.6	0.66	0.66 No	0	Thermal Discharging
SWN021	603	'1469179_/_1477354'		0.07	0.47	0.27	0	0.6	0.65	0.66 No	0	Thermal Discharging
SWN021	604	'1469403_/_1469413_1'		0.07	0.47	0.27	0	0.1	0.65	0.66 No	0	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SWN021	605	'347190472_/_1469413_2'		0.07	0.47	0.27	0	0.1	0.65	0.66 No	0 Thermal Discharging
SWN021	606	'347190489_/_1469413_3'		0.07	0.47	0.27	0	0.1	0.65	0.66 No	0 Thermal Discharging
SWN021	607	'1469166_/_1469176'		0.07	0.47	0.27	0	0.6	0.65	0.66 No	0 Thermal Discharging
SWN021	608	'1469153_/_1469163'		0.07	0.47	0.3	0	0.6	0.64	0.66 No	0 Thermal Discharging
SWN021	609	'1469140_/_1469150'		0.07	0.47	0.3	0	0.6	0.64	0.66 No	0 Thermal Discharging
SWN021	610	'1469127_/_1469137'		0.07	0.47	0.3	0	0.6	0.63	0.66 No	0 Thermal Discharging
SWN021	611	'1469113_/_1469124'		0.07	0.47	0.3	0	0.6	0.63	0.66 No	0 Thermal Discharging
SWN021	612	'1469061_/_1469111'		0.07	0.47	0.3	0	0.6	0.62	0.66 No	0 Thermal Discharging
SWN021	613	'1447147_/_1447144_2'		0.07	0.47	0.3	0	0.6	0.62	0.66 No	0 Thermal Discharging
SWN021	614	'1447146_/_1447144_1'		0.07	0.43	0.3	0	0.1	0.62	0.66 No	0 Thermal Discharging
SWN021	615	'1469048_/_1469046'		0.07	0.43	0.3	0	0.6	0.62	0.66 No	0 Thermal Discharging
SWN021	616	'1468841_/_1468838'		0.07	0.43	0.3	0	0.1	0.62	0.66 No	0 Thermal Discharging
SWN021	617	'1469075_/_1469085'		0.07	0.43	0.3	0	0.6	0.61	0.66 No	0 Thermal Discharging
SWN021	618	'1468867_/_1469072'		0.07	0.43	0.3	0	0.6	0.61	0.66 No	0 Thermal Discharging
SWN021	619	'1447251_/_1468864'		0.07	0.43	0.3	0	0.6	0.61	0.66 No	0 Thermal Discharging
SWN021	620	'1469010_/_1469020'		0.07	0.43	0.3	0	0.6	0.6	0.66 No	0 Thermal Discharging
SWN021	621	'1468997_/_1469007'		0.07	0.43	0.3	0	0.6	0.6	0.66 No	0 Thermal Discharging
SWN021	622	'42988521_/_42988523'		0.07	0.43	0.3	0	0.6	0.6	0.66 No	0 Thermal Discharging
SWN021	623	'42988554_/_42988556'		0.07	0.43	0.3	0	0.6	0.6	0.66 No	0 Thermal Discharging
SWN021	624	'1468971_/_1468981'		0.07	0.43	0.3	0	0.6	0.59	0.66 No	0 Thermal Discharging
SWN021	625	'1447250_/_1447248'		0.07	0.43	0.3	0	0.6	0.59	0.66 No	0 Thermal Discharging
SWN021	626	'1468958_/_1468968'		0.07	0.43	0.3	0	0.6	0.59	0.66 No	0 Thermal Discharging
SWN021	627	'1468815_/_1468825'		0.07	0.43	0.3	0	0.6	0.58	0.66 No	0 Thermal Discharging
SWN021	628	'1468945_/_1468955'		0.07	0.43	0.3	0	0.6	0.58	0.66 No	0 Thermal Discharging
SWN021	629	'1468749_/_1468812'		0.07	0.4	0.3	0	0.6	0.58	0.66 No	0 Thermal Discharging
SWN021	630	'1468932_/_1468942'		0.07	0.4	0.3	0	0.6	0.58	0.66 No	0 Thermal Discharging
SWN021	631	'1468750_/_1468747'		0.07	0.4	0.3	0	0.6	0.57	0.66 No	0 Thermal Discharging
SWN021	632	'42988565_/_1468929'		0.07	0.4	0.3	0	0.6	0.57	0.66 No	0 Thermal Discharging
SWN021	633	'1477865_/_1477862'		0.07	0.4	0.3	0	0.6	0.57	0.66 No	0 Thermal Discharging
SWN021	634	'1477894_/_1477891_2'		0.07	0.4	0.3	0	0.6	0.57	0.66 No	0 Thermal Discharging
SWN021	635	'1468737_/_1477891_1'		0.07	0.4	0.3	0	0.1	0.57	0.66 No	0 Thermal Discharging
SWN021	636	'1468802_/_1477878'		0.07	0.4	0.3	0	0.6	0.57	0.66 No	0 Thermal Discharging
SWN021	637	'1468919_/_1469033'		0.07	0.4	0.3	0	0.6	0.57	0.66 No	0 Thermal Discharging
SWN021	638	'1468724_/_1468734'		0.07	0.4	0.3	0	0.1	0.57	0.66 No	0 Thermal Discharging
SWN021	639	'1468789_/_1468799'		0.07	0.4	0.3	0	0.6	0.56	0.66 No	0 Thermal Discharging
SWN021	640	'1468711_/_1468721'		0.07	0.4	0.3	0	0.1	0.56	0.66 No	0 Thermal Discharging
SWN021	641	'1468776_/_1468786'		0.07	0.4	0.3	0	0.6	0.56	0.66 No	0 Thermal Discharging
SWN021	642	'1468710_/_1468708'		0.07	0.4	0.3	0	0.1	0.56	0.66 No	0 Thermal Discharging
SWN021	643	'1468763_/_1468773'		0.07	0.4	0.3	0	0.6	0.56	0.66 No	0 Thermal Discharging
SWN021	644	'1468906_/_1468916'		0.07	0.4	0.3	0	0.6	0.56	0.66 No	0 Thermal Discharging
SWN021	645	'1468762_/_1468760'		0.07	0.4	0.3	0	0.6	0.55	0.66 No	0 Thermal Discharging
SWN021	646	'42988477_/_42988479'		0.07	0.4	0.3	0	0.1	0.55	0.66 No	0 Thermal Discharging
SWN021	647	'1468685_/_1468695'		0.07	0.4	0.3	0	0.1	0.55	0.66 No	0 Thermal Discharging
SWN021	648	'96413229_/_42988501'		0.07	0.4	0.3	0	0.6	0.55	0.66 No	0 Thermal Discharging
SWN021	649	'96413269_/_8467287_2'		0.07	0.4	0.3	0	0.6	0.55	0.66 No	0 Thermal Discharging
SWN021	650	'1468893_/_1468903'		0.07	0.4	0.3	0	0.6	0.55	0.66 No	0 Thermal Discharging
SWN021	651	'1468672_/_1468682'		0.07	0.4	0.3	0	0.1	0.55	0.66 No	0 Thermal Discharging
SWN021	652	'8467289_/_8467287_1'		0.07	0.4	0.3	0	0.1	0.54	0.66 No	0 Thermal Discharging
SWN021	653	'1468659_/_1468669'		0.07	0.4	0.3	0	0.1	0.54	0.66 No	0 Thermal Discharging
SWN021	654	'1468879_/_1468890'		0.07	0.4	0.3	0	0.6	0.54	0.66 No	0 Thermal Discharging
SWN021	655	'96413192_/_96413203'		0.07	0.4	0.3	0	0.1	0.54	0.66 No	0 Thermal Discharging
SWN021	656	'1468646_/_1468656'		0.07	0.4	0.3	0	0.1	0.54	0.66 No	0 Thermal Discharging
SWN021	657	'42988576_/_1468877'		0.07	0.4	0.3	0	0.6	0.54	0.66 No	0 Thermal Discharging
SWN021	658	'1468880_/_8784432_2'		0.07	0.4	0.3	0	0.6	0.54	0.66 No	0 Thermal Discharging
SWN021	659	'1468633_/_1468643'		0.07	0.37	0.3	0	0.1	0.54	0.66 No	0 Thermal Discharging
SWN021	660	'8784435_/_8784432_1'		0.07	0.37	0.3	0	0.1	0.53	0.66 No	0 Thermal Discharging
SWN021	661	'1468620_/_1468630'		0.07	0.37	0.3	0	0.1	0.53	0.66 No	0 Thermal Discharging
SWN021	662	'1468619_/_1468617'		0.07	0.37	0.3	0	0.1	0.53	0.66 No	0 Thermal Discharging
SWN021	663	'42988488_/_1477380'		0.07	0.37	0.3	0	0.1	0.52	0.66 No	0 Thermal Discharging
SWN021	664	'1477383_/_42988490'		0.07	0.37	0.3	0	0.1	0.52	0.66 No	0 Thermal Discharging
SWN022	0	'SWN022_/_1474372'		10	10	10	0.58	6.7	10	8.37 Yes	0.58 Thermal Discharging
SWN022	1	'1474341_/_1474372'		10	10	10	0.58	6.7	10	1.84 Yes	0.58 Thermal Discharging
SWN022	2	'1474216_/_640009671'		10	10	10	0.58	6.7	10	1.83 Yes	0.58 Thermal Discharging
SWN022	3	'1474215_/_640010071'		10	10	10	0.58	6.7	10	1.83 Yes	0.58 Thermal Discharging
SWN022	4	'1474232_/_640009633'		10	10	10	0.58	6.7	10	1.83 Yes	0.58 Thermal Discharging
SWN022	5	'1474249_/_640009611'		10	10	10	0.58	6.7	10	1.83 Yes	0.58 Thermal Discharging
SWN022	6	'1474833_/_640009599'		10	10	10	0.58	6.7	10	1.82 Yes	0.58 Thermal Discharging
SWN022	7	'1476946_/_461499008'		10	10	10	0.58	6.7	10	1.82 Yes	0.58 Thermal Discharging
SWN022	8	'1474782_/_640009561'		10	10	10	0.58	6.7	10	1.82 Yes	0.58 Thermal Discharging
SWN022	9	'461499034_/_461499128'		10	10	10	0.58	6.7	10	1.82 Yes	0.58 Thermal Discharging
SWN022	10	'640009509_/_640009532'		10	10	10	0.58	6.7	10	1.82 Yes	0.58 Thermal Discharging
SWN022	11	'1397545_/_461499188'		10	10	10	0.58	6.7	10	1.82 Yes	0.58 Thermal Discharging
SWN022	12	'461498804_/_1477013'		10	10	10	0.58	4.2	10	1.82 Yes	0.58 Thermal Discharging
SWN022	13	'640009478_/_640009507'		10	10	10	0.58	6.7	10	1.82 Yes	0.58 Thermal Discharging
SWN022	14	'461499212_/_461499297'		10	10	10	0.58	6.7	10	1.82 Yes	0.58 Thermal Discharging
SWN022	15	'461499522_/_461499519'		10	10	10	0.58	6.7	10	1.82 Yes	0.58 Thermal Discharging
SWN022	16	'461499604_/_461499576_1'		10	10	10	0	6.7	10	7.09 Yes	0 Thermal Discharging
SWN022	17	'461499579_/_461499576_2'		10	10	10	0	6.7	10	7.09 Yes	0 Thermal Discharging
SWN022	18	'461499654_/_461499627_1'		10	10	10	0	1.3	10	7.09 Yes	0 Thermal Discharging
SWN022	19	'461499630_/_461499627_2'		10	10	10	0	1.3	10	7.09 Yes	0 Thermal Discharging
SWN022	20	'461499811_/_461499808'		10	10	10	0	6.7	10	7.09 Yes	0 Thermal Discharging
SWN022	21	'461499891_/_461499846_1'		10	10	10	0	1.3	10	7.09 Yes	0 Thermal Discharging
SWN022	22	'461499731_/_461499692_1'		10	10	10	0	1	10	7.09 Yes	0 Thermal Discharging
SWN022	23	'461499849_/_461499846_2'		10	10	10	0	1.3	10	7.09 Yes	0 Thermal Discharging
SWN022	24	'640009455_/_640009476'		10	10	10	0.58	6.7	10	1.81 Yes	0.58 Thermal Discharging
SWN022	25	'461500027_/_461500024'		10	10	10	0	6.7	10	7.09 Yes	0 Thermal Discharging
SWN022	26	'573553546_/_573553543'		10	10	10	0.58	6.7	10	1.81 Yes	0.58 Thermal Discharging
SWN022	27	'461500107_/_461500057_1'		10	10	10	0	1.3	10	7.09 Yes	0 Thermal Discharging
SWN022	28	'461499959_/_461499912_1'		10	10	10	0	1	10	7.09 Yes	0 Thermal Discharging
SWN022	29	'461500060_/_461500057_2'		10	10	10	0	1.3	10	7.09 Yes	0 Thermal Discharging
SWN022	30	'461500238_/_461500235'		10	10	10	0	6.7	10	7.09 Yes	0 Thermal Discharging
SWN022	31	'461500318_/_461500268_1'		10	10	10	0	1.3	10	7.09 Yes	0 Thermal Discharging
SWN022	32	'461500170_/_461500123_1'		10	10	10	0	1	10	7.09 Yes	0 Thermal Discharging
SWN022	33	'461500271_/_461500268_2'		10	10	10	0	1.3	10	7.09 Yes	0 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SWN022		34 '461500454_/461500451'		10	10	10	0	6.7	10	7.09 Yes	0 Thermal Discharging
SWN022		35 '461499695_/461499692_2'		10	10	10	0	1	10	7.09 Yes	0 Thermal Discharging
SWN022		36 '461500543_/461500487_1'		10	10	10	0	1.3	10	7.09 Yes	0 Thermal Discharging
SWN022		37 '461500381_/461500336_1'		10	10	10	0	1	10	7.09 Yes	0 Thermal Discharging
SWN022		38 '461500490_/461500487_2'		10	10	10	0	1.3	10	7.09 Yes	0 Thermal Discharging
SWN022		39 '461499915_/461499912_2'		10	10	10	0	1	10	7.09 Yes	0 Thermal Discharging
SWN022		40 '458270718_/461500559_1'		10	10	10	0	1	10	7.09 Yes	0 Thermal Discharging
SWN022		41 '1396424_/640009453'		10	10	10	0.58	6.7	10	1.81 Yes	0.58 Thermal Discharging
SWN022		42 '461500126_/461500123_2'		10	10	10	0	1	10	7.09 Yes	0 Thermal Discharging
SWN022		43 '573553594_/573553565_1'		10	10	10	0.58	6.7	10	1.81 Yes	0.58 Thermal Discharging
SWN022		44 '1394930_/573553565_2'		10	10	10	0.58	6.7	10	1.81 Yes	0.58 Thermal Discharging
SWN022		45 '461500339_/461500336_2'		10	10	10	0	1	10	7.09 Yes	0 Thermal Discharging
SWN022		46 '461500562_/461500559_2'		10	10	10	0	1	10	7.09 Yes	0 Thermal Discharging
SWN022		47 '573553899_/1394992_1'	3.33		3.33	3.33	0.19	0.4	3.33	0.6 Yes	0.19 Thermal Discharging
SWN022		48 '640009400_/640009434'		10	10	10	0.58	6.7	10	1.81 Yes	0.58 Thermal Discharging
SWN022		49 '573553593_/573553591_1'		10	10	10	0.58	6.7	10	1.81 Yes	0.58 Thermal Discharging
SWN022		50 '1477016_/461498813'		10	10	10	0.58	4.2	10	1.82 Yes	0.58 Thermal Discharging
SWN022		51 '1394904_/573553625'		10	10	10	0.58	6.7	10	1.81 Yes	0.58 Thermal Discharging
SWN022		52 '640009359_/640009398'		10	10	10	0.58	6.7	10	1.81 Yes	0.58 Thermal Discharging
SWN022		53 '573553937_/42988431_1'	3.33		3.33	3.33	0.19	0.4	3.33	0.6 Yes	0.19 Thermal Discharging
SWN022		54 '703604674_/703604678'		10	10	10	0.58	6.7	10	1.81 Yes	0.58 Thermal Discharging
SWN022		55 '657717286_/640009357'		10	10	10	0.58	6.7	10	1.81 Yes	0.58 Thermal Discharging
SWN022		56 '1396459_/657717283'		10	10	10	0.58	6.7	10	1.81 Yes	0.58 Thermal Discharging
SWN022		57 '1394891_/573553643'		10	10	10	0.58	6.7	10	1.81 Yes	0.58 Thermal Discharging
SWN022		58 '679784318_/1395980_2'	3.33		3.33	3.33	0.19	1	3.33	0.6 Yes	0.19 Thermal Discharging
SWN022		59 '640009315_/640009312'		10	10	10	0.58	6.7	10	1.81 Yes	0.58 Thermal Discharging
SWN022		60 '573553667_/573553665'		10	10	10	0.58	6.7	10	1.81 Yes	0.58 Thermal Discharging
SWN022		61 '1396238_/42988431_2'	3.33		3.33	3.33	0.19	0.4	3.33	0.6 Yes	0.19 Thermal Discharging
SWN022		62 '42988453_/640009267'		10	10	10	0.58	6.7	10	1.81 Yes	0.58 Thermal Discharging
SWN022		63 '588694872_/588694659_2'		10	10	10	0.58	6.7	10	1.81 Yes	0.58 Thermal Discharging
SWN022		64 '588694649_/588694659_1'		10	10	10	0.58	6.7	10	1.81 Yes	0.58 Thermal Discharging
SWN022		65 '588694710_/588694870'		10	10	10	0.58	6.7	10	1.81 Yes	0.58 Thermal Discharging
SWN022		66 '1396493_/640009239'		10	10	10	0.58	6.7	10	1.81 Yes	0.58 Thermal Discharging
SWN022		67 '652417860_/652710956_1'		10	10	10	0.58	6.7	10	1.81 Yes	0.58 Thermal Discharging
SWN022		68 '588694728_/652710956_2'		10	10	10	0.58	6.7	10	1.81 Yes	0.58 Thermal Discharging
SWN022		69 '1394865_/573553691'		10	10	10	0.58	6.7	10	1.81 Yes	0.58 Thermal Discharging
SWN022		70 '588694746_/588694914'		10	10	10	0.58	6.7	10	1.81 Yes	0.58 Thermal Discharging
SWN022		71 '42988440_/640009220'		10	10	10	0.58	6.7	10	1.81 Yes	0.58 Thermal Discharging
SWN022		72 '588694839_/588694815_1'		10	10	10	0.58	1.3	10	1.81 Yes	0.58 Thermal Discharging
SWN022		73 '1477036_/1477033'		10	10	10	0.58	4.2	10	1.81 Yes	0.58 Thermal Discharging
SWN022		74 '1394852_/573553703_2'		10	10	10	0.58	6.7	10	1.81 Yes	0.58 Thermal Discharging
SWN022		75 '573553705_/1394849_2'	3.33		3.33	3.33	0.19	0.9	3.33	0.6 Yes	0.19 Thermal Discharging
SWN022		76 '573553982_/573553803_1'		10	10	10	0.58	1.3	10	1.81 Yes	0.58 Thermal Discharging
SWN022		77 '573553806_/573553803_2'		10	10	10	0.58	1.3	10	1.81 Yes	0.58 Thermal Discharging
SWN022		78 '1394995_/1394992_2'	3.33		3.33	3.33	0.19	0.4	3.33	0.6 Yes	0.19 Thermal Discharging
SWN022		79 '573554406_/573553827_1'		10	10	10	0.58	1.3	10	1.81 Yes	0.58 Thermal Discharging
SWN022		80 '1396530_/640009206'		10	10	10	0.58	6.7	10	1.81 Yes	0.58 Thermal Discharging
SWN022		81 '652417993_/573553827_2'		10	10	10	0.58	1.3	10	1.81 Yes	0.58 Thermal Discharging
SWN022		82 '573554097_/652417999_1'		10	10	10	0.58	1.3	10	1.81 Yes	0.58 Thermal Discharging
SWN022		83 '573553830_/652417999_2'		10	10	10	0.58	1.3	10	1.81 Yes	0.58 Thermal Discharging
SWN022		84 '573554087_/573553852_1'		10	10	10	0.58	1.3	10	1.81 Yes	0.58 Thermal Discharging
SWN022		85 '573554025_/573553852_2'		10	10	10	0.58	1.3	10	1.81 Yes	0.58 Thermal Discharging
SWN022		86 '640009166_/640009180'		10	10	10	0.58	6.7	10	1.81 Yes	0.58 Thermal Discharging
SWN022		87 '573553855_/573553852_3'		10	10	10	0.58	1.3	10	1.81 Yes	0.58 Thermal Discharging
SWN022		88 '640009136_/640009164'		10	10	10	0.58	6.7	10	1.81 Yes	0.58 Thermal Discharging
SWN022		89 '1395982_/1395980_1'	3.33		3.33	3.33	0.19	0.4	3.33	0.6 Yes	0.19 Thermal Discharging
SWN022		90 '89839537_/640009134'		10	10	10	0.58	6.7	10	1.81 Yes	0.58 Thermal Discharging
SWN022		91 '1395914_/640009120'		10	10	10	0.58	6.7	10	1.81 Yes	0.58 Thermal Discharging
SWN022		92 '89839661_/89839606_1'		10	10	10	0.58	1.3	10	1.81 Yes	0.58 Thermal Discharging
SWN022		93 '640009053_/640009086'		10	10	10	0.58	6.7	10	1.81 Yes	0.58 Thermal Discharging
SWN022		94 '1395049_/1396249'	3.33		3.33	3.33	0.19	1	3.33	0.6 Yes	0.19 Thermal Discharging
SWN022		95 '1394839_/1394849_1'	3.33		3.33	3.33	0.19	0.9	3.33	0.6 Yes	0.19 Thermal Discharging
SWN022		96 '1474731_/1477053'		10	10	10	0.58	4.2	10	1.81 Yes	0.58 Thermal Discharging
SWN022		97 '588694799_/588694815_2'		10	10	10	0.58	1.3	10	1.81 Yes	0.58 Thermal Discharging
SWN022		98 '640009054_/640009051'		10	10	10	0.58	6.7	10	1.81 Yes	0.58 Thermal Discharging
SWN022		99 '573554129_/1394836_2'	3.33		3.33	3.33	0.19	0.9	3.33	0.6 Yes	0.19 Thermal Discharging
SWN022		100 '89839595_/89839606_2'		10	10	10	0.58	1.3	10	1.81 Yes	0.58 Thermal Discharging
SWN022		101 '1396012_/1396009'	3.33		3.33	3.33	0.19	0.4	3.33	0.6 Yes	0.19 Thermal Discharging
SWN022		102 '640008998_/640009029'		10	10	10	0.58	6.7	10	1.81 Yes	0.58 Thermal Discharging
SWN022		103 '640008999_/640008996'		10	10	10	0.58	6.7	10	1.81 Yes	0.58 Thermal Discharging
SWN022		104 '679784307_/1396262_2'	3.33		3.33	3.33	0.19	0.9	3.33	0.6 Yes	0.19 Thermal Discharging
SWN022		105 '640008860_/640008970'		10	10	10	0.58	6.7	10	1.81 Yes	0.58 Thermal Discharging
SWN022		106 '682650877_/640008858'		10	10	10	0.58	6.7	10	1.81 Yes	0.58 Thermal Discharging
SWN022		107 '682650932_/682650929'		10	10	10	0.58	6.7	10	1.81 Yes	0.58 Thermal Discharging
SWN022		108 '1395010_/1396262_1'	3.33		3.33	3.33	0.19	0.4	3.33	0.6 Yes	0.19 Thermal Discharging
SWN022		109 '1474732_/1474729'		10	10	10	0.58	4.2	10	1.81 Yes	0.58 Thermal Discharging
SWN022		110 '682650950_/682650947'		10	10	10	0.58	1.3	10	1.81 Yes	0.58 Thermal Discharging
SWN022		111 '1395614_/682650881'		10	10	10	0.58	6.7	10	1.81 Yes	0.58 Thermal Discharging
SWN022		112 '1395999_/1395996'	3.33		3.33	3.33	0.19	0.4	3.33	0.6 Yes	0.19 Thermal Discharging
SWN022		113 '682651003_/682651019'		10	10	10	0.58	1.3	10	1.81 Yes	0.58 Thermal Discharging
SWN022		114 '154967814_/432250497'	3.33		3.33	3.33	0.19	1.3	3.33	0.6 Yes	0.19 Thermal Discharging
SWN022		115 '1395631_/640008920'		10	10	10	0.58	6.7	10	1.81 Yes	0.58 Thermal Discharging
SWN022		116 '428311717_/432250533_1'	3.33		3.33	3.33	0.19	0.4	3.33	0.6 Yes	0.19 Thermal Discharging
SWN022		117 '1395050_/1395047'	3.33		3.33	3.33	0.19	1	3.33	0.6 Yes	0.19 Thermal Discharging
SWN022		118 '640008803_/640008800'		10	10	10	0.58	6.7	10	1.81 Yes	0.58 Thermal Discharging
SWN022		119 '659048923_/640009971'		10	10	10	0.58	6.7	10	1.81 Yes	0.58 Thermal Discharging
SWN022		120 '1394826_/1394836_1'	3.33		3.33	3.33	0	0.9	3.33	0.6 Yes	0 Thermal Discharging
SWN022		121 '659048941_/374317464_2'		10	10	10	0.58	4.6	10	1.81 Yes	0.58 Thermal Discharging
SWN022		122 '42988466_/1396035'	3.33		3.33	3.33	0.19	0.4	3.33	0.6 Yes	0.19 Thermal Discharging
SWN022		123 '1395682_/640008736'		10	10	10	0.58	6.7	10	1.81 Yes	0.58 Thermal Discharging
SWN022		124 '1396038_/8466495_2'	3.33		3.33	3.33	0.19	0.4	3.33	0.6 Yes	0.19 Thermal Discharging
SWN022		125 '659047706_/659047703'		10	10	10	0.58	6.7	10	1.81 Yes	0.58 Thermal Discharging
SWN022		126 '1474749_/1474746'		10	10	10	0.58	4.2	10	1.81 Yes	0.58 Thermal Discharging
SWN022		127 '659047733_/659047730'		10	10	10	0.58	6.7	10	1.81 Yes	0.58 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SWN022	128	'374317397_/_374317464_1'		10	10	10	0.58	1.3	10	1.81 Yes	0.58 Thermal Discharging
SWN022	129	'659047760_/_659047757'		10	10	10	0.58	6.7	10	1.81 Yes	0.58 Thermal Discharging
SWN022	130	'659047787_/_659047784'		10	10	10	0.58	6.7	10	1.81 Yes	0.58 Thermal Discharging
SWN022	131	'8466498_/_8466495_1'	3.33	3.33	3.33	3.33	0.19	0.1	3.33	0.6 Yes	0.1 Element Fault
SWN022	132	'1395011_/_1395008'	3.33	3.33	3.33	3.33	0.19	0.4	3.33	0.6 Yes	0.19 Thermal Discharging
SWN022	133	'1396920_/_659047811'		10	10	10	0.58	6.7	10	1.81 Yes	0.58 Thermal Discharging
SWN022	134	'659047826_/_659047823'		10	10	10	0.58	6.7	10	1.81 Yes	0.58 Thermal Discharging
SWN022	135	'8154648_/_8154645_2'	3.33	3.33	3.33	3.33	0.19	1.5	3.33	0.6 Yes	0.19 Thermal Discharging
SWN022	136	'1395715_/_659047855'		10	10	10	0.58	6.7	10	1.81 Yes	0.58 Thermal Discharging
SWN022	137	'1395066_/_1395063'	3.33	3.33	3.33	3.33	0.19	1	3.33	0.6 Yes	0.19 Thermal Discharging
SWN022	138	'659047870_/_659047867'		10	10	10	0.58	6.7	10	1.81 Yes	0.58 Thermal Discharging
SWN022	139	'1474766_/_1474763'		10	10	10	0.58	4.2	10	1.81 Yes	0.58 Thermal Discharging
SWN022	140	'659047912_/_659047898'		10	10	10	0.58	6.7	10	1.81 Yes	0.58 Thermal Discharging
SWN022	141	'7835449_/_8155569_1'		10	10	10	0.58	1.4	10	1.81 Yes	0.58 Thermal Discharging
SWN022	142	'659047913_/_659047910'		10	10	10	0.58	6.7	10	1.81 Yes	0.58 Thermal Discharging
SWN022	143	'659047454_/_659047451'		10	10	10	0.58	6.7	10	1.81 Yes	0.58 Thermal Discharging
SWN022	144	'659047478_/_659047475'		10	10	10	0.58	6.7	10	1.81 Yes	0.58 Thermal Discharging
SWN022	145	'1395438_/_659047493'		10	10	10	0.58	6.7	10	1.81 Yes	0.58 Thermal Discharging
SWN022	146	'1477073_/_1477070'	3.33	3.33	3.33	3.33	0.19	1.3	3.33	0.6 Yes	0.19 Thermal Discharging
SWN022	147	'426244670_/_422224564_2'		10	10	10	0.58	4.1	10	1.81 Yes	0.58 Thermal Discharging
SWN022	148	'659047514_/_659047511'		10	10	10	0.58	6.7	10	1.81 Yes	0.58 Thermal Discharging
SWN022	149	'1394825_/_1394823'	3.33	3.33	3.33	3.33	0	0.9	3.33	0.6 Yes	0 Thermal Discharging
SWN022	150	'659047538_/_659047535'		10	10	10	0.58	6.7	10	1.81 Yes	0.58 Thermal Discharging
SWN022	151	'422224082_/_422224393'		10	10	10	0.58	4.1	10	1.81 Yes	0.58 Thermal Discharging
SWN022	152	'590445113_/_1395105_2'	3.33	3.33	3.33	3.33	0	0.9	3.33	0.6 Yes	0 Thermal Discharging
SWN022	153	'659047562_/_659047559'		10	10	10	0.58	6.7	10	1.81 Yes	0.58 Thermal Discharging
SWN022	154	'1395024_/_1395021'	3.33	3.33	3.33	3.33	0.19	0.4	3.33	0.6 Yes	0.19 Thermal Discharging
SWN022	155	'1477089_/_1477086'	3.33	3.33	3.33	3.33	0.19	1.3	3.33	0.6 Yes	0.19 Thermal Discharging
SWN022	156	'659047960_/_659047957'		10	10	10	0.58	6.7	10	1.81 Yes	0.58 Thermal Discharging
SWN022	157	'659047987_/_659047984'		10	10	10	0.58	6.7	10	1.81 Yes	0.58 Thermal Discharging
SWN022	158	'659048014_/_659048011'		10	10	10	0.58	6.7	10	1.81 Yes	0.58 Thermal Discharging
SWN022	159	'659048041_/_659048038'		10	10	10	0.58	6.7	10	1.81 Yes	0.58 Thermal Discharging
SWN022	160	'422224567_/_422224564_1'		10	10	10	0.58	1.3	10	1.81 Yes	0.58 Thermal Discharging
SWN022	161	'659048065_/_659048123'		10	10	10	0.58	6.7	10	1.81 Yes	0.58 Thermal Discharging
SWN022	162	'659048066_/_659048063'		10	10	10	0.58	6.7	10	1.81 Yes	0.58 Thermal Discharging
SWN022	163	'659048108_/_659048105'		10	10	10	0.58	6.7	10	1.81 Yes	0.58 Thermal Discharging
SWN022	164	'659048197_/_659048178'		10	10	10	0.58	6.7	10	1.81 Yes	0.58 Thermal Discharging
SWN022	165	'8155572_/_8155569_2'		10	10	10	0.58	1.4	10	1.81 Yes	0.58 Thermal Discharging
SWN022	166	'659048198_/_659048195'		10	10	10	0.58	6.7	10	1.81 Yes	0.58 Thermal Discharging
SWN022	167	'1394956_/_405040410'	3.33	3.33	3.33	3.33	0	0.9	3.33	0.6 Yes	0 Thermal Discharging
SWN022	168	'472908537_/_432250533_2'	3.33	3.33	3.33	3.33	0.19	0.4	3.33	0.6 Yes	0.19 Thermal Discharging
SWN022	169	'465194381_/_432250533_3'	3.33	3.33	3.33	3.33	0.19	0.4	3.33	0.6 Yes	0.19 Thermal Discharging
SWN022	170	'399535452_/_465194453'	3.33	3.33	3.33	3.33	0.19	0.4	3.33	0.6 Yes	0.19 Thermal Discharging
SWN022	171	'1395037_/_1395034'	3.33	3.33	3.33	3.33	0.19	0.4	3.33	0.6 Yes	0.19 Thermal Discharging
SWN022	172	'465194401_/_465194471'	3.33	3.33	3.33	3.33	0.19	0.4	3.33	0.6 Yes	0.19 Thermal Discharging
SWN022	173	'465194468_/_465194465'	3.33	3.33	3.33	3.33	0.19	0.4	3.33	0.6 Yes	0.19 Thermal Discharging
SWN022	174	'465194462_/_465194459'	3.33	3.33	3.33	3.33	0.19	0.4	3.33	0.6 Yes	0.19 Thermal Discharging
SWN022	175	'659048259_/_659048256_2'		10	10	10	0.58	6.7	10	1.81 Yes	0.58 Thermal Discharging
SWN022	176	'405041222_/_405041208_1'	3.33	3.33	3.33	3.33	0	0.1	3.33	0.6 Yes	0 Thermal Discharging
SWN022	177	'1395108_/_1395105_1'	3.33	3.33	3.33	3.33	0	0.2	3.33	0.6 Yes	0 Thermal Discharging
SWN022	178	'659048301_/_659048298'		10	10	10	0.58	6.7	10	1.81 Yes	0.58 Thermal Discharging
SWN022	179	'659048319_/_659048316'		10	10	10	0.58	6.7	10	1.81 Yes	0.58 Thermal Discharging
SWN022	180	'1395452_/_422224589'		10	10	10	0.58	1.3	10	1.81 Yes	0.58 Thermal Discharging
SWN022	181	'1477102_/_1477099'	3.33	3.33	3.33	3.33	0.19	0.9	3.33	0.6 Yes	0.19 Thermal Discharging
SWN022	182	'659048346_/_659048343'		10	10	10	0.58	6.7	10	1.81 Yes	0.58 Thermal Discharging
SWN022	183	'659048373_/_659048370'		10	10	10	0.58	6.7	10	1.81 Yes	0.58 Thermal Discharging
SWN022	184	'1373030_/_659048393'		10	10	10	0.58	4.6	10	1.81 Yes	0.58 Thermal Discharging
SWN022	185	'405041093_/_405041208_2'	3.33	3.33	3.33	3.33	0	0.1	3.33	0.6 Yes	0 Thermal Discharging
SWN022	186	'1394157_/_1394167_1'	3.33	3.33	3.33	3.33	0.19	0.4	3.33	0.6 Yes	0.19 Thermal Discharging
SWN022	187	'659048416_/_659048413'		10	10	10	0.58	4.6	10	1.81 Yes	0.58 Thermal Discharging
SWN022	188	'1373046_/_659048436'		10	10	10	0.58	4.6	10	1.81 Yes	0.58 Thermal Discharging
SWN022	189	'1395465_/_422224609'		10	10	10	0.58	1.3	10	1.81 Yes	0.58 Thermal Discharging
SWN022	190	'422224612_/_422224637_1'		10	10	10	0.58	1.3	10	1.81 Yes	0.58 Thermal Discharging
SWN022	191	'1395121_/_1395118'	3.33	3.33	3.33	3.33	0	0.2	3.33	0.6 Yes	0 Thermal Discharging
SWN022	192	'1394969_/_1394966'	3.33	3.33	3.33	3.33	0	0.9	3.33	0.6 Yes	0 Thermal Discharging
SWN022	193	'405040809_/_405041101'	3.33	3.33	3.33	3.33	0	0.1	3.33	0.6 Yes	0 Thermal Discharging
SWN022	194	'1477115_/_1477112'	3.33	3.33	3.33	3.33	0.19	0.9	3.33	0.6 Yes	0.19 Thermal Discharging
SWN022	195	'1394170_/_1394167_2'	3.33	3.33	3.33	3.33	0.19	0.4	3.33	0.6 Yes	0.19 Thermal Discharging
SWN022	196	'37599374_/_7834576'	3.33	3.33	3.33	3.33	0.19	0.4	3.33	0.6 Yes	0.19 Thermal Discharging
SWN022	197	'399535541_/_37599371'	3.33	3.33	3.33	3.33	0.19	0.4	3.33	0.6 Yes	0.19 Thermal Discharging
SWN022	198	'37599360_/_37599364'	3.33	3.33	3.33	3.33	0.19	0.4	3.33	0.6 Yes	0.19 Thermal Discharging
SWN022	199	'37599388_/_37599392'	3.33	3.33	3.33	3.33	0.19	0.4	3.33	0.6 Yes	0.19 Thermal Discharging
SWN022	200	'399535542_/_399535539'	3.33	3.33	3.33	3.33	0.19	0.4	3.33	0.6 Yes	0.19 Thermal Discharging
SWN022	201	'1373047_/_1373044'		10	10	10	0.58	4.6	10	1.81 Yes	0.58 Thermal Discharging
SWN022	202	'1395478_/_422224637_2'		10	10	10	0.58	1.3	10	1.81 Yes	0.58 Thermal Discharging
SWN022	203	'405040825_/_405040822'	3.33	3.33	3.33	3.33	0	0.1	3.33	0.6 Yes	0 Thermal Discharging
SWN022	204	'1373064_/_1373061'		10	10	10	0.58	4.6	10	1.81 Yes	0.58 Thermal Discharging
SWN022	205	'1395134_/_1395131'	3.33	3.33	3.33	3.33	0	0.2	3.33	0.6 Yes	0 Thermal Discharging
SWN022	206	'1394183_/_1394180'	3.33	3.33	3.33	3.33	0.19	0.4	3.33	0.6 Yes	0.19 Thermal Discharging
SWN022	207	'1394982_/_1394979'	3.33	3.33	3.33	3.33	0	0.9	3.33	0.6 Yes	0 Thermal Discharging
SWN022	208	'1373081_/_1373078'		10	10	10	0.58	4.6	10	1.81 Yes	0.58 Thermal Discharging
SWN022	209	'37599416_/_7834560'	3.33	3.33	3.33	3.33	0.19	0.4	3.33	0.6 Yes	0.19 Thermal Discharging
SWN022	210	'399535613_/_37599413'	3.33	3.33	3.33	3.33	0.19	0.4	3.33	0.6 Yes	0.19 Thermal Discharging
SWN022	211	'37599402_/_37599406'	3.33	3.33	3.33	3.33	0.19	0.4	3.33	0.6 Yes	0.19 Thermal Discharging
SWN022	212	'37599430_/_37599434'	3.33	3.33	3.33	3.33	0.19	0.4	3.33	0.6 Yes	0.19 Thermal Discharging
SWN022	213	'399535614_/_399535611'	3.33	3.33	3.33	3.33	0.19	0.4	3.33	0.6 Yes	0.19 Thermal Discharging
SWN022	214	'1477131_/_1477128'	3.33	3.33	3.33	3.33	0.19	0.9	3.33	0.6 Yes	0.19 Thermal Discharging
SWN022	215	'9414643_/_465194322'	3.33	3.33	3.33	3.33	0.19	0.4	3.33	0.6 Yes	0.19 Thermal Discharging
SWN022	216	'264714362_/_264714312_1'	3.33	3.33	3.33	3.33	0.19	0.4	3.33	0.6 Yes	0.19 Thermal Discharging
SWN022	217	'422224657_/_422224654'		10	10	10	0.58	1.3	10	1.81 Yes	0.58 Thermal Discharging
SWN022	218	'405040841_/_405040838'	3.33	3.33	3.33	3.33	0	0.1	3.33	0.6 Yes	0 Thermal Discharging
SWN022	219	'1394196_/_1394193'	3.33	3.33	3.33	3.33	0.19	0.4	3.33	0.6 Yes	0.19 Thermal Discharging
SWN022	220	'1373101_/_1373098'		10	10	10	0.58	4.6	10	1.81 Yes	0.58 Thermal Discharging
SWN022	221	'264714293_/_264714312_2'	3.33	3.33	3.33	3.33	0.19	0.4	3.33	0.6 Yes	0.19 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over- Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SWN022	222	'1394058_/1394072_2'	3.33		3.33	3.33	0.19	0.9	3.33	0.6 Yes	0.19 Thermal Discharging
SWN022	223	'422224679_/422224676'	10		10	10	0.58	1.3	10	1.81 Yes	0.58 Thermal Discharging
SWN022	224	'1395147_/1395144'	3.33		3.33	3.33	0	0.2	3.33	0.6 Yes	0 Thermal Discharging
SWN022	225	'414451332_/7204016'	3.33		3.33	3.33	0.19	0.4	3.33	0.6 Yes	0.19 Thermal Discharging
SWN022	226	'1393902_/42984376'	10		10	10	0.58	4.6	10	1.81 Yes	0.58 Thermal Discharging
SWN022	227	'1396411_/1396409'	3.33		3.33	3.33	0	0.9	3.33	0.6 Yes	0 Thermal Discharging
SWN022	228	'405040857_/405040854'	3.33		3.33	3.33	0	0.1	3.33	0.6 Yes	0 Thermal Discharging
SWN022	229	'1393903_/1393900'	10		10	10	0.58	4.6	10	1.81 Yes	0.58 Thermal Discharging
SWN022	230	'1394209_/1394206'	3.33		3.33	3.33	0.19	0.4	3.33	0.6 Yes	0.19 Thermal Discharging
SWN022	231	'422224710_/422224707'	10		10	10	0.58	1.3	10	1.81 Yes	0.58 Thermal Discharging
SWN022	232	'1393920_/1393917'	10		10	10	0.58	4.6	10	1.81 Yes	0.58 Thermal Discharging
SWN022	233	'1395517_/1395514'	3.33		3.33	3.33	0.19	0.43	3.33	0.6 Yes	0.19 Thermal Discharging
SWN022	234	'1393937_/1393934'	10		10	10	0.58	4.6	10	1.81 Yes	0.58 Thermal Discharging
SWN022	235	'1394075_/1394072_1'	3.33		3.33	3.33	0.19	0.4	3.33	0.6 Yes	0.19 Thermal Discharging
SWN022	236	'1393954_/1393951'	10		10	10	0.58	4.6	10	1.81 Yes	0.58 Thermal Discharging
SWN022	237	'1395160_/1395157'	3.33		3.33	3.33	0	0.2	3.33	0.6 Yes	0 Thermal Discharging
SWN022	238	'405040873_/405040870'	3.33		3.33	3.33	0	0.1	3.33	0.6 Yes	0 Thermal Discharging
SWN022	239	'1394222_/1394219'	3.33		3.33	3.33	0.19	0.4	3.33	0.6 Yes	0.19 Thermal Discharging
SWN022	240	'1393971_/1393968'	10		10	10	0.58	4.6	10	1.81 Yes	0.58 Thermal Discharging
SWN022	241	'8154647_/8154645_1'	3.33		3.33	3.33	0.19	0.4	3.33	0.6 Yes	0.19 Thermal Discharging
SWN022	242	'1393988_/1393985'	10		10	10	0.58	4.6	10	1.81 Yes	0.58 Thermal Discharging
SWN022	243	'1394235_/1394232'	3.33		3.33	3.33	0.19	0.4	3.33	0.6 Yes	0.19 Thermal Discharging
SWN022	244	'1394267_/1394265_1'	3.33		3.33	3.33	0.19	0.4	3.33	0.6 Yes	0.19 Thermal Discharging
SWN022	245	'8154680_/432250595'	3.33		3.33	3.33	0.19	0.4	3.33	0.6 Yes	0.19 Thermal Discharging
SWN022	246	'405040889_/405040886'	3.33		3.33	3.33	0	0.1	3.33	0.6 Yes	0 Thermal Discharging
SWN022	247	'1394088_/1394085'	3.33		3.33	3.33	0.19	0.4	3.33	0.6 Yes	0.19 Thermal Discharging
SWN022	248	'1395173_/1395170'	1.27		3.33	3.33	0	0.2	3.33	0.6 Yes	0 Thermal Discharging
SWN022	249	'1394008_/1394005'	10		10	10	0.58	4.6	10	1.81 Yes	0.58 Thermal Discharging
SWN022	250	'1394025_/1394022'	10		10	10	0.58	4.6	10	1.81 Yes	0.58 Thermal Discharging
SWN022	251	'8466482_/8466479'	3.33		3.33	3.33	0.19	0.4	3.33	0.6 Yes	0.19 Thermal Discharging
SWN022	252	'405040905_/405040902'	1.3		3.33	3.33	0	0.1	3.33	0.6 Yes	0 Thermal Discharging
SWN022	253	'69481817_/69481820'	10		10	10	0.58	4.6	10	1.81 Yes	0.58 Thermal Discharging
SWN022	254	'1395186_/1395183'	1		3.33	3.33	0	0.2	3.33	0.6 Yes	0 Thermal Discharging
SWN022	255	'1394101_/1394098'	3.33		3.33	3.33	0.19	0.4	3.33	0.6 Yes	0.19 Thermal Discharging
SWN022	256	'1394042_/1394039'	10		10	10	0.58	4.6	10	1.81 Yes	0.58 Thermal Discharging
SWN022	257	'1393491_/1396376'	10		10	10	0.58	4.6	10	1.81 Yes	0.58 Thermal Discharging
SWN022	258	'405040921_/405040918'	1.07		3.33	3.33	0	0.1	3.33	0.6 Yes	0 Thermal Discharging
SWN022	259	'42984304_/1393739'	3.33		3.33	3.33	0.19	0.9	3.33	0.6 Yes	0.19 Thermal Discharging
SWN022	260	'1393413_/1393411_1'	3.33		3.33	3.33	0	0.9	3.33	0.6 Yes	0 Thermal Discharging
SWN022	261	'1395199_/1395196'	0.8		3.33	3.33	0	0.2	3.33	0.6 Yes	0 Thermal Discharging
SWN022	262	'1393492_/1393489'	10		10	10	0.58	4.6	10	1.81 Yes	0.58 Thermal Discharging
SWN022	263	'1394114_/1394111'	3.33		3.33	3.33	0.19	0.4	3.33	0.6 Yes	0.19 Thermal Discharging
SWN022	264	'1394268_/1394265_2'	3.33		3.33	3.33	0.19	0.4	3.33	0.6 Yes	0.19 Thermal Discharging
SWN022	265	'405040937_/405040934'	0.9		3.33	3.33	0	0.1	3.33	0.6 Yes	0 Thermal Discharging
SWN022	266	'1393414_/1393411_2'	3.33		3.33	3.33	0	0.9	3.33	0.6 Yes	0 Thermal Discharging
SWN022	267	'154882942_/432250413'	0.97		3.33	3.33	0.19	0.4	3.33	0.6 Yes	0.19 Thermal Discharging
SWN022	268	'1393509_/1393506'	10		10	10	0.58	4.6	10	1.81 Yes	0.58 Thermal Discharging
SWN022	269	'1393630_/1393644_2'	3.33		3.33	3.33	0.19	0.9	3.33	0.6 Yes	0.19 Thermal Discharging
SWN022	270	'1393647_/1393644_1'	3.33		3.33	3.33	0.19	0.4	3.33	0.6 Yes	0.19 Thermal Discharging
SWN022	271	'405040953_/405040950'	0.8		3.33	3.33	0	0.1	3.33	0.6 Yes	0 Thermal Discharging
SWN022	272	'1395095_/1395209'	0.67		3.33	3.33	0	0.2	3.33	0.6 Yes	0 Thermal Discharging
SWN022	273	'738727346_/1395092_2'	0.67		3.33	3.33	0	0.2	3.33	0.6 Yes	0 Thermal Discharging
SWN022	274	'1394127_/1394124'	3.33		3.33	3.33	0.19	0.4	3.33	0.6 Yes	0.19 Thermal Discharging
SWN022	275	'1393525_/1393722'	10		10	10	0.58	4.6	10	1.81 Yes	0.58 Thermal Discharging
SWN022	276	'1393427_/1393424'	3.33		3.33	3.33	0	0.9	3.33	0.6 Yes	0 Thermal Discharging
SWN022	277	'1393526_/1393523'	10		10	10	0.58	4.6	10	1.81 Yes	0.58 Thermal Discharging
SWN022	278	'405040969_/405040966'	0.7		3.33	3.33	0	0.1	3.33	0.6 Yes	0 Thermal Discharging
SWN022	279	'1393660_/1393657'	3.33		3.33	3.33	0.19	0.4	3.33	0.6 Yes	0.19 Thermal Discharging
SWN022	280	'1395079_/1395092_1'	0.6		3.33	3.33	0	0.2	3.33	0.6 Yes	0 Thermal Discharging
SWN022	281	'42984291_/1393540'	10		10	10	0.58	4.6	10	1.81 Yes	0.58 Thermal Discharging
SWN022	282	'42988418_/1395222'	0.57		3.33	3.33	0	0.2	3.33	0.6 Yes	0 Thermal Discharging
SWN022	283	'1393559_/42984293'	10		10	10	0.58	4.6	10	1.81 Yes	0.58 Thermal Discharging
SWN022	284	'405040985_/405040982'	0.63		3.33	3.33	0	0.1	3.33	0.6 Yes	0 Thermal Discharging
SWN022	285	'1393560_/1393557'	10		10	10	0.58	4.6	10	1.81 Yes	0.58 Thermal Discharging
SWN022	286	'1393673_/1393670'	3.33		3.33	3.33	0.19	0.4	3.33	0.6 Yes	0.19 Thermal Discharging
SWN022	287	'1393440_/1393437'	3.33		3.33	3.33	0	0.9	3.33	0.6 Yes	0 Thermal Discharging
SWN022	288	'1392754_/1396330'	3.33		3.33	3.33	0.19	0.4	3.33	0.6 Yes	0.19 Thermal Discharging
SWN022	289	'1393577_/1393574'	10		10	10	0.58	4.6	10	1.81 Yes	0.58 Thermal Discharging
SWN022	290	'405041001_/405040998'	0.57		3.33	3.33	0	0.1	3.33	0.6 Yes	0 Thermal Discharging
SWN022	291	'1393594_/1393591'	10		10	10	0.58	4.6	10	1.81 Yes	0.58 Thermal Discharging
SWN022	292	'1395078_/1395076'	0.5		3.33	3.33	0	0.2	3.33	0.6 Yes	0 Thermal Discharging
SWN022	293	'1395238_/1395235'	0.5		3.33	3.33	0	0.2	3.33	0.6 Yes	0 Thermal Discharging
SWN022	294	'1393611_/1393608'	10		10	10	0.58	4.6	10	1.81 Yes	0.58 Thermal Discharging
SWN022	295	'1393771_/1393769_1'	3.33		3.33	3.33	0.19	0.4	3.33	0.6 Yes	0.19 Thermal Discharging
SWN022	296	'1393686_/1393683'	3.33		3.33	3.33	0.19	0.4	3.33	0.6 Yes	0.19 Thermal Discharging
SWN022	297	'1393801_/1393798'	10		10	10	0.58	4.6	10	1.81 Yes	0.58 Thermal Discharging
SWN022	298	'1372831_/682650235'	10		10	10	0.58	4.6	10	1.81 Yes	0.58 Thermal Discharging
SWN022	299	'1393453_/1393450'	3.33		3.33	3.33	0	0.9	3.33	0.6 Yes	0 Thermal Discharging
SWN022	300	'50773242_/682650270'	10		10	10	0.58	4.6	10	1.81 Yes	0.58 Thermal Discharging
SWN022	301	'1392755_/1392752'	3.33		3.33	3.33	0.19	0.4	3.33	0.6 Yes	0.19 Thermal Discharging
SWN022	302	'1392872_/1392882'	3.33		3.33	3.33	0.19	0.4	3.33	0.6 Yes	0.19 Thermal Discharging
SWN022	303	'1372895_/682650304'	10		10	10	0.58	4.6	10	1.81 Yes	0.58 Thermal Discharging
SWN022	304	'1393835_/682650325'	10		10	10	0.58	4.6	10	1.81 Yes	0.58 Thermal Discharging
SWN022	305	'701851125_/1372846_2'	3.33		3.33	3.33	0.19	1	3.33	0.6 Yes	0.19 Thermal Discharging
SWN022	306	'701851012_/682650406'	10		10	10	0.58	4.6	10	1.81 Yes	0.58 Thermal Discharging
SWN022	307	'1372878_/701851016'	10		10	10	0.58	4.6	10	1.81 Yes	0.58 Thermal Discharging
SWN022	308	'1395251_/1395248'	0.43		3.33	3.33	0	0.2	3.33	0.6 Yes	0 Thermal Discharging
SWN022	309	'682650450_/682650447'	10		10	10	0.58	4.6	10	1.81 Yes	0.58 Thermal Discharging
SWN022	310	'1393699_/1393696'	3.33		3.33	3.33	0.19	0.4	3.33	0.6 Yes	0.19 Thermal Discharging
SWN022	311	'1394796_/42984411'	0.43		3.33	3.33	0	0.2	3.33	0.6 Yes	0 Thermal Discharging
SWN022	312	'1372849_/1372846_1'	3.33		3.33	3.33	0.19	0.4	3.33	0.6 Yes	0.19 Thermal Discharging
SWN022	313	'1372928_/682650496'	10		10	10	0.58	4.6	10	1.81 Yes	0.58 Thermal Discharging
SWN022	314	'1392768_/1392765'	3.33		3.33	3.33	0.19	0.4	3.33	0.6 Yes	0.19 Thermal Discharging
SWN022	315	'42984339_/682650516'	10		10	10	0.58	4.6	10	1.81 Yes	0.58 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SWN022	316	'1393772_/_1393769_2'	3.33	3.33	3.33	0.19	0.4	3.33	0.6	Yes	0.19 Thermal Discharging
SWN022	317	'1393466_/_1393463'	3.33	3.33	3.33	0	0.9	3.33	0.6	Yes	0 Thermal Discharging
SWN022	318	'1392859_/_1392869'	1.3	3.33	3.33	0.19	0.4	3.33	0.6	Yes	0.19 Thermal Discharging
SWN022	319	'2101350_/_682650536'	10	10	10	0.58	4.6	10	1.81	Yes	0.58 Thermal Discharging
SWN022	320	'682650597_/_682650594'	10	10	10	0.58	4.6	10	1.81	Yes	0.58 Thermal Discharging
SWN022	321	'1396063_/_7203952'	0.37	3.33	3.33	0	0.9	3.33	0.6	Yes	0 Thermal Discharging
SWN022	322	'43106996_/_2118398'	3.33	3.33	3.33	0.19	1.3	3.33	0.6	Yes	0.19 Thermal Discharging
SWN022	323	'2101351_/_2118223_1'	3.33	3.33	3.33	0.19	0.4	3.33	0.6	Yes	0.19 Thermal Discharging
SWN022	324	'682650183_/_682650631'	10	10	10	0.58	4.6	10	1.81	Yes	0.58 Thermal Discharging
SWN022	325	'2117735_/_2117733_1'	3.33	3.33	3.33	0	1.3	3.33	0.6	Yes	0 Thermal Discharging
SWN022	326	'42984420_/_1396061'	0.37	3.33	3.33	0	0.3	3.33	0.6	Yes	0 Thermal Discharging
SWN022	327	'701851136_/_43107031_2'	3.33	3.33	3.33	0.19	1	3.32	0.6	Yes	0.19 Thermal Discharging
SWN022	328	'701850757_/_7789789_1'	3.33	3.33	3.33	0.19	0.4	3.32	0.6	Yes	0.19 Thermal Discharging
SWN022	329	'2101381_/_682650664'	10	10	10	0.58	4.6	9.94	1.81	Yes	0.58 Thermal Discharging
SWN022	330	'1396064_/_42984422'	0.37	3.33	3.33	0	0.3	3.33	0.6	Yes	0 Thermal Discharging
SWN022	331	'682650721_/_682650718'	10	10	10	0.58	4.6	9.89	1.81	Yes	0.58 Thermal Discharging
SWN022	332	'1395264_/_1395261'	0.4	3.33	3.33	0	0.2	3.33	0.6	Yes	0 Thermal Discharging
SWN022	333	'701850925_/_682650771'	10	10	10	0.58	4.6	9.83	1.81	Yes	0.58 Thermal Discharging
SWN022	334	'1395316_/_1395313'	0.4	3.33	3.33	0	0.2	3.33	0.6	Yes	0 Thermal Discharging
SWN022	335	'42984315_/_1393709'	3.33	3.33	3.33	0.19	0.4	3.33	0.6	Yes	0.19 Thermal Discharging
SWN022	336	'2101401_/_701850929'	10	10	10	0.58	4.6	9.79	1.81	Yes	0.58 Thermal Discharging
SWN022	337	'701850774_/_682650818'	10	10	10	0.58	4.6	9.75	1.81	Yes	0.58 Thermal Discharging
SWN022	338	'1393712_/_42984317'	3.33	3.33	3.33	0.19	0.4	3.32	0.6	Yes	0.19 Thermal Discharging
SWN022	339	'2117736_/_2117733_2'	3.33	3.33	3.33	0	1.3	3.26	0.6	Yes	0 Thermal Discharging
SWN022	340	'2118226_/_2118223_2'	3.33	3.33	3.33	0.19	0.4	3.26	0.6	Yes	0.19 Thermal Discharging
SWN022	341	'1392781_/_1392778'	1	3.33	3.33	0.19	0.4	3.33	0.6	Yes	0.19 Thermal Discharging
SWN022	342	'659048477_/_682650842'	10	10	10	0.58	4.6	9.67	1.81	Yes	0.58 Thermal Discharging
SWN022	343	'659048527_/_659048524'	10	10	10	0.58	4.6	9.65	1.81	Yes	0.58 Thermal Discharging
SWN022	344	'659048683_/_659048582_1'	10	10	10	0.58	4.6	9.64	1.81	Yes	0.58 Thermal Discharging
SWN022	345	'659048585_/_659048582_2'	10	10	10	0.58	4.6	9.63	1.81	Yes	0.58 Thermal Discharging
SWN022	346	'659048643_/_659048640'	10	10	10	0.58	4.6	9.62	1.81	Yes	0.58 Thermal Discharging
SWN022	347	'2101435_/_659048481'	10	10	10	0.58	4.6	9.62	1.81	Yes	0.58 Thermal Discharging
SWN022	348	'1393479_/_1393476'	3.33	3.33	3.33	0	0.9	3.28	0.6	Yes	0 Thermal Discharging
SWN022	349	'1392846_/_1392856'	0.97	3.33	3.33	0.19	0.4	3.3	0.6	Yes	0.19 Thermal Discharging
SWN022	350	'577157867_/_498248442_2'	10	10	10	0.58	4.6	9.54	1.81	Yes	0.58 Thermal Discharging
SWN022	351	'2117749_/_2117746'	3.33	3.33	3.33	0	1.3	3.19	0.6	Yes	0 Thermal Discharging
SWN022	352	'498248412_/_498248442_1'	10	10	10	0.58	1.3	9.49	1.81	Yes	0.58 Thermal Discharging
SWN022	353	'1395277_/_1395274'	0.37	3.33	3.33	0	0.2	3.33	0.6	Yes	0 Thermal Discharging
SWN022	354	'2101452_/_2101449'	10	10	10	0.58	4.6	9.45	1.81	Yes	0.58 Thermal Discharging
SWN022	355	'1395329_/_1395326'	0.37	3.33	3.33	0	0.2	3.33	0.6	Yes	0 Thermal Discharging
SWN022	356	'2118239_/_2118236'	3.33	3.33	3.33	0.19	0.4	3.16	0.6	Yes	0.19 Thermal Discharging
SWN022	357	'1392794_/_1392791'	0.83	3.33	3.33	0.19	0.4	3.2	0.6	Yes	0.19 Thermal Discharging
SWN022	358	'2117762_/_2117759'	3.33	3.33	3.33	0	1.3	3.1	0.6	Yes	0 Thermal Discharging
SWN022	359	'1392833_/_1392843'	0.8	3.33	3.33	0.19	0.4	3.17	0.6	Yes	0.19 Thermal Discharging
SWN022	360	'2116297_/_2118336'	10	10	10	0.58	4.6	9.19	1.81	Yes	0.58 Thermal Discharging
SWN022	361	'701850725_/_7789789_2'	3.33	3.33	3.33	0.19	0.4	3.09	0.6	Yes	0.19 Thermal Discharging
SWN022	362	'1395290_/_1395287'	0.37	3.33	3.33	0	0.2	3.27	0.6	Yes	0 Thermal Discharging
SWN022	363	'2118384_/_43107031_1'	3.33	3.33	3.33	0.19	0.4	3.07	0.6	Yes	0.19 Thermal Discharging
SWN022	364	'2118252_/_2118249'	3.33	3.33	3.33	0.19	0.4	3.06	0.6	Yes	0.19 Thermal Discharging
SWN022	365	'2116280_/_2116294'	10	10	10	0.58	4.6	9.02	1.81	Yes	0.58 Thermal Discharging
SWN022	366	'2117775_/_2117772'	3.33	3.33	3.33	0	1.3	3.02	0.6	Yes	0 Thermal Discharging
SWN022	367	'1393356_/_1396343'	0.97	3.33	3.33	0	0.9	3.07	0.6	Yes	0 Thermal Discharging
SWN022	368	'1392807_/_1392804'	0.73	3.33	3.33	0.19	0.4	3.08	0.6	Yes	0.19 Thermal Discharging
SWN022	369	'1392832_/_1392830'	0.73	3.33	3.33	0.19	0.4	3.06	0.6	Yes	0.19 Thermal Discharging
SWN022	370	'1395303_/_1395300'	0.33	3.33	3.33	0	0.2	3.16	0.6	Yes	0 Thermal Discharging
SWN022	371	'2116279_/_2116277'	10	10	10	0.58	4.6	8.86	1.81	Yes	0.58 Thermal Discharging
SWN022	372	'1394809_/_9102429'	0.27	3.33	3.33	0	0.9	3.17	0.6	Yes	0 Thermal Discharging
SWN022	373	'1395344_/_1395342'	0.33	3.33	3.33	0	0.2	3.13	0.6	Yes	0 Thermal Discharging
SWN022	374	'2118265_/_2118262'	3.33	3.33	3.33	0.19	0.4	2.96	0.6	Yes	0.19 Thermal Discharging
SWN022	375	'1394810_/_1394807'	0.27	3.33	3.33	0	0.3	3.16	0.6	Yes	0 Thermal Discharging
SWN022	376	'42984431_/_1396048'	0.27	3.33	3.33	0	0.3	3.16	0.6	Yes	0 Thermal Discharging
SWN022	377	'1396051_/_42984433'	0.27	3.33	3.33	0	0.3	3.15	0.6	Yes	0 Thermal Discharging
SWN022	378	'2117788_/_2117785'	3.33	3.33	3.33	0	1.3	2.93	0.6	Yes	0 Thermal Discharging
SWN022	379	'2116313_/_2116327'	10	10	10	0.58	4.6	8.72	1.81	Yes	0.58 Thermal Discharging
SWN022	380	'1393342_/_1393353'	0.83	3.33	3.33	0	0.9	2.96	0.6	Yes	0 Thermal Discharging
SWN022	381	'2116314_/_2116311'	3.33	3.33	3.33	0.19	0.4	2.89	0.6	Yes	0.19 Thermal Discharging
SWN022	382	'1392820_/_1392817'	0.67	3.33	3.33	0.19	0.4	2.97	0.6	Yes	0.19 Thermal Discharging
SWN022	383	'2116745_/_2118437'	10	10	10	0.58	4.6	8.63	1.81	Yes	0.58 Thermal Discharging
SWN022	384	'2101337_/_2118275'	3.33	3.33	3.33	0.19	0.4	2.88	0.6	Yes	0.19 Thermal Discharging
SWN022	385	'252982715_/_1395355'	0.3	3.33	3.33	0	0.2	3.01	0.6	Yes	0 Thermal Discharging
SWN022	386	'2117801_/_2117798'	3.33	3.33	3.33	0	1.3	2.84	0.6	Yes	0 Thermal Discharging
SWN022	387	'2116631_/_2116742'	10	10	10	0.58	4.6	8.47	1.81	Yes	0.58 Thermal Discharging
SWN022	388	'2116667_/_2116664'	3.33	3.33	3.33	0.19	0.4	2.82	0.6	Yes	0.19 Thermal Discharging
SWN022	389	'1394718_/_1396142'	0.3	3.33	3.33	0	0.2	2.99	0.6	Yes	0 Thermal Discharging
SWN022	390	'2118309_/_2118307'	3.33	3.33	3.33	0.19	0.4	2.8	0.6	Yes	0.19 Thermal Discharging
SWN022	391	'1393330_/_1393340'	0.73	3.33	3.33	0	0.9	2.86	0.6	Yes	0 Thermal Discharging
SWN022	392	'2116679_/_2118323'	3.33	3.33	3.33	0.19	0.4	2.79	0.6	Yes	0.19 Thermal Discharging
SWN022	393	'1392898_/_1392895'	0.6	3.33	3.33	0.19	0.4	2.87	0.6	Yes	0.19 Thermal Discharging
SWN022	394	'2116614_/_2116628'	10	10	10	0.58	4.6	8.31	1.81	Yes	0.58 Thermal Discharging
SWN022	395	'2101338_/_2101335'	1.3	3.33	3.33	0.19	0.4	2.79	0.6	Yes	0.19 Thermal Discharging
SWN022	396	'2117814_/_2117811'	1.3	3.33	3.33	0	1.3	2.77	0.6	Yes	0 Thermal Discharging
SWN022	397	'43107018_/_43107020'	3.33	3.33	3.33	0	1.3	2.76	0.6	Yes	0 Thermal Discharging
SWN022	398	'2116597_/_2116611'	10	10	10	0.58	4.6	8.18	1.81	Yes	0.58 Thermal Discharging
SWN022	399	'1395384_/_1395381'	0.27	3.33	3.33	0	0.2	2.88	0.6	Yes	0 Thermal Discharging
SWN022	400	'1393317_/_1393327'	0.67	3.33	3.33	0	0.9	2.77	0.6	Yes	0 Thermal Discharging
SWN022	401	'1394719_/_1394716'	0.27	3.33	3.33	0	0.2	2.88	0.6	Yes	0 Thermal Discharging
SWN022	402	'1393368_/_7120205'	3.33	3.33	3.33	0.19	0.4	2.71	0.6	Yes	0.19 Thermal Discharging
SWN022	403	'1392911_/_1392908'	0.57	3.33	3.33	0.19	0.4	2.78	0.6	Yes	0.19 Thermal Discharging
SWN022	404	'2116680_/_2116677'	3.33	3.33	3.33	0.19	0.4	2.7	0.6	Yes	0.19 Thermal Discharging
SWN022	405	'2116580_/_2116594'	10	10	10	0.58	4.6	8.06	1.81	Yes	0.58 Thermal Discharging
SWN022	406	'2116651_/_2116648'	3.33	3.33	3.33	0.19	0.4	2.68	0.6	Yes	0.19 Thermal Discharging
SWN022	407	'1372945_/_7120244'	1.07	3.33	3.33	0.19	0.4	2.71	0.6	Yes	0.19 Thermal Discharging
SWN022	408	'2117827_/_2117824'	1.03	3.33	3.33	0	1.3	2.68	0.6	Yes	0 Thermal Discharging
SWN022	409	'45019214_/_2118129'	1.13	3.33	3.33	0	1.3	2.68	0.6	Yes	0 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Over-Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SWN022	410	'2116563_/2116577'		10	10	10	0.58	4.6	7.91	1.81 Yes	0.58 Thermal Discharging
SWN022	411	'1393304_/1393314'		0.63	3.33	3.33	0	0.9	2.68	0.6 Yes	0 Thermal Discharging
SWN022	412	'1393369_/1393366'		1.07	3.33	3.33	0.19	0.4	2.62	0.6 Yes	0.19 Thermal Discharging
SWN022	413	'2118090_/2118087'		1	3.33	3.33	0	1.3	2.62	0.6 Yes	0 Thermal Discharging
SWN022	414	'252982904_/1395394'		0.27	3.33	3.33	0	0.2	2.76	0.6 Yes	0 Thermal Discharging
SWN022	415	'1393397_/7120276'		1.27	3.33	3.33	0.19	0.4	2.6	0.6 Yes	0.19 Thermal Discharging
SWN022	416	'42984363_/1372943'		0.93	3.33	3.33	0.19	0.4	2.63	0.6 Yes	0.19 Thermal Discharging
SWN022	417	'2117840_/2117837'		0.93	3.33	3.33	0	1.3	2.61	0.6 Yes	0 Thermal Discharging
SWN022	418	'2116693_/2116690'		3.33	3.33	3.33	0.19	0.4	2.61	0.6 Yes	0.19 Thermal Discharging
SWN022	419	'2116546_/2116560'		4	10	10	0.58	4.6	7.79	1.81 Yes	0.58 Thermal Discharging
SWN022	420	'1372946_/42984365'		0.93	3.33	3.33	0.19	0.4	2.62	0.6 Yes	0.19 Thermal Discharging
SWN022	421	'1394732_/1394729'		0.27	3.33	3.33	0	0.2	2.75	0.6 Yes	0 Thermal Discharging
SWN022	422	'8466530_/9102461'		0.23	3.3	3.33	0	0.3	2.77	0.6 Yes	0 Thermal Discharging
SWN022	423	'8154632_/8154629_2'		0.23	3.3	3.33	0	0.3	2.77	0.6 Yes	0 Thermal Discharging
SWN022	424	'2116526_/2116543'		3.5	10	10	0.58	4.6	7.68	1.81 Yes	0.58 Thermal Discharging
SWN022	425	'43107007_/2118100'		0.9	3.33	3.33	0	1.3	2.56	0.6 Yes	0 Thermal Discharging
SWN022	426	'1393291_/1393301'		0.57	3.33	3.33	0	0.9	2.6	0.6 Yes	0 Thermal Discharging
SWN022	427	'2117853_/2117850'		0.83	3.33	3.33	0	1.3	2.55	0.6 Yes	0 Thermal Discharging
SWN022	428	'2116509_/2116523'		3.3	10	10	0.58	4.6	7.56	1.81 Yes	0.58 Thermal Discharging
SWN022	429	'1393382_/1393379'		0.9	3.33	3.33	0.19	0.4	2.53	0.6 Yes	0.19 Thermal Discharging
SWN022	430	'2116706_/2116703'		1.07	3.33	3.33	0.19	0.4	2.52	0.6 Yes	0.19 Thermal Discharging
SWN022	431	'252982942_/252982906'		0.23	3.33	3.33	0	0.2	2.65	0.6 Yes	0 Thermal Discharging
SWN022	432	'1396822_/9414608'		0.2	3	3.33	0	0.3	2.67	0.6 Yes	0 Thermal Discharging
SWN022	433	'2118119_/43107009'		0.83	3.33	3.33	0	1.3	2.51	0.6 Yes	0 Thermal Discharging
SWN022	434	'1394745_/1394742'		0.23	3.33	3.33	0	0.2	2.63	0.6 Yes	0 Thermal Discharging
SWN022	435	'2116359_/2116506'		3.1	10	10	0.58	4.6	7.45	1.81 Yes	0.58 Thermal Discharging
SWN022	436	'2116360_/2116357'		1.03	3.33	3.33	0.19	0.4	2.47	0.6 Yes	0.19 Thermal Discharging
SWN022	437	'1393398_/1393395'		0.93	3.33	3.33	0.19	0.4	2.47	0.6 Yes	0.19 Thermal Discharging
SWN022	438	'2117866_/2117863'		0.77	3.33	3.33	0	1.3	2.48	0.6 Yes	0 Thermal Discharging
SWN022	439	'1393278_/1393288'		0.53	3.33	3.33	0	0.9	2.52	0.6 Yes	0 Thermal Discharging
SWN022	440	'2116475_/2116489'		3	10	10	0.58	4.6	7.35	1.81 Yes	0.58 Thermal Discharging
SWN022	441	'1419998_/1419995'		0.8	3.33	3.33	0.19	0.4	2.46	0.6 Yes	0.19 Thermal Discharging
SWN022	442	'2116719_/2116716'		0.93	3.33	3.33	0.19	0.4	2.46	0.6 Yes	0.19 Thermal Discharging
SWN022	443	'252982980_/252982977'		0.23	3.33	3.33	0	0.2	2.58	0.6 Yes	0 Thermal Discharging
SWN022	444	'1396793_/1396803'		0.2	2.83	3.33	0	0.3	2.58	0.6 Yes	0 Thermal Discharging
SWN022	445	'2116458_/2116472'		2.8	10	10	0.58	4.6	7.24	1.81 Yes	0.58 Thermal Discharging
SWN022	446	'1396835_/42988721_1'		0.2	2.8	3.33	0	0.2	2.57	0.6 Yes	0 Thermal Discharging
SWN022	447	'2117879_/2117876'		0.73	3.33	3.33	0	1.3	2.42	0.6 Yes	0 Thermal Discharging
SWN022	448	'252983019_/252983016'		0.23	3.33	3.33	0	0.2	2.53	0.6 Yes	0 Thermal Discharging
SWN022	449	'43106919_/2116729'		0.87	3.33	3.33	0.19	0.4	2.41	0.6 Yes	0.19 Thermal Discharging
SWN022	450	'1394758_/1394755'		0.23	3.1	3.33	0	0.2	2.53	0.6 Yes	0 Thermal Discharging
SWN022	451	'1393265_/1393275'		0.5	3.33	3.33	0	0.9	2.44	0.6 Yes	0 Thermal Discharging
SWN022	452	'2116732_/43106921'		0.87	3.33	3.33	0.19	0.4	2.4	0.6 Yes	0.19 Thermal Discharging
SWN022	453	'2116375_/2116373'		1.1	3.33	3.33	0.19	0.4	2.38	0.6 Yes	0.19 Thermal Discharging
SWN022	454	'2116441_/2116455'		2.7	10	10	0.58	4.6	7.14	1.81 Yes	0.58 Thermal Discharging
SWN022	455	'252983059_/252983056'		0.23	3.23	3.33	0	0.2	2.5	0.6 Yes	0 Thermal Discharging
SWN022	456	'1396780_/1396790'		0.2	2.67	3.33	0	0.3	2.5	0.6 Yes	0 Thermal Discharging
SWN022	457	'2117892_/2117889'		0.67	3.33	3.33	0	1.3	2.36	0.6 Yes	0 Thermal Discharging
SWN022	458	'2101809_/2116438'		2.6	10	10	0.58	4.6	7.05	1.81 Yes	0.58 Thermal Discharging
SWN022	459	'640009820_/640009728_1'		2.6	10	10	0.58	1.3	7.05	1.81 Yes	0.58 Thermal Discharging
SWN022	460	'640009780_/640009728_2'		2.6	10	10	0.58	1.3	7.04	1.81 Yes	0.58 Thermal Discharging
SWN022	461	'640009731_/640009728_3'		2.6	10	10	0.58	1.3	7.04	1.81 Yes	0.58 Thermal Discharging
SWN022	462	'89688928_/492379001_2'		0.2	2.67	3.33	0	0.3	2.49	0.6 Yes	0 Thermal Discharging
SWN022	463	'1396834_/42988721_2'		0.2	2.67	3.33	0	0.2	2.49	0.6 Yes	0 Thermal Discharging
SWN022	464	'640009882_/640009756_1'		2.6	10	10	0.58	1.3	7.03	1.81 Yes	0.58 Thermal Discharging
SWN022	465	'657717596_/640009756_2'		2.6	10	10	0.58	1.3	7.03	1.81 Yes	0.58 Thermal Discharging
SWN022	466	'640009759_/640009756_3'		2.6	10	10	0.58	1.3	7.03	1.81 Yes	0.58 Thermal Discharging
SWN022	467	'640009909_/640009862_1'		2.6	10	10	0.58	1.3	7.03	1.81 Yes	0.58 Thermal Discharging
SWN022	468	'492378979_/492379001_1'		0.2	2.63	3.33	0	0.2	2.49	0.6 Yes	0 Thermal Discharging
SWN022	469	'640009865_/640009862_2'		2.6	10	10	0.58	1.3	7.02	1.81 Yes	0.58 Thermal Discharging
SWN022	470	'2101808_/2101806'		2.6	10	10	0.58	4.6	7	1.81 Yes	0.58 Thermal Discharging
SWN022	471	'451595627_/451595167_1'		0.87	3.33	3.33	0.19	0.2	2.33	0.6 Yes	0.19 Thermal Discharging
SWN022	472	'1393066_/1393262'		0.47	3.33	3.33	0	0.9	2.37	0.6 Yes	0 Thermal Discharging
SWN022	473	'1394654_/1394768'		0.2	2.87	3.33	0	0.2	2.44	0.6 Yes	0 Thermal Discharging
SWN022	474	'451595170_/451595167_2'		0.83	3.33	3.33	0.19	0.2	2.31	0.6 Yes	0.19 Thermal Discharging
SWN022	475	'8154631_/8154629_1'		0.2	2.53	3.33	0	0.2	2.46	0.6 Yes	0 Thermal Discharging
SWN022	476	'1394666_/1394664_1'		0.2	2.83	3.33	0	0.1	2.43	0.6 Yes	0 Thermal Discharging
SWN022	477	'2116389_/2116386'		0.93	3.33	3.33	0.19	0.4	2.31	0.6 Yes	0.19 Thermal Discharging
SWN022	478	'2118051_/2118061'		0.67	3.33	3.33	0	1.3	2.31	0.6 Yes	0 Thermal Discharging
SWN022	479	'2116212_/2116226'		2.5	10	10	0.58	4.6	6.89	1.81 Yes	0.58 Thermal Discharging
SWN022	480	'2117905_/2117902'		0.63	3.33	3.33	0	1.3	2.3	0.6 Yes	0 Thermal Discharging
SWN022	481	'451595192_/451595189'		0.8	3.33	3.33	0.19	0.2	2.28	0.6 Yes	0.19 Thermal Discharging
SWN022	482	'1396861_/9414624'		0.2	2.5	3.33	0	0.2	2.42	0.6 Yes	0 Thermal Discharging
SWN022	483	'1396860_/1396858'		0.2	2.5	3.33	0	0.2	2.42	0.6 Yes	0 Thermal Discharging
SWN022	484	'1396767_/42988710'		0.17	2.5	3.33	0	0.3	2.41	0.6 Yes	0 Thermal Discharging
SWN022	485	'2116195_/2116209'		2.4	10	10	0.58	4.6	6.79	1.81 Yes	0.58 Thermal Discharging
SWN022	486	'1393239_/1393249'		0.43	3.33	3.33	0	0.9	2.31	0.6 Yes	0 Thermal Discharging
SWN022	487	'2118050_/2118048'		0.63	3.33	3.33	0	1.3	2.26	0.6 Yes	0 Thermal Discharging
SWN022	488	'470535370_/1393064'		0.43	3.33	3.33	0	0.9	2.3	0.6 Yes	0 Thermal Discharging
SWN022	489	'470535416_/470535378_1'		0.43	3.33	3.33	0	0.2	2.29	0.6 Yes	0 Thermal Discharging
SWN022	490	'2117918_/2117915'		0.6	3.33	3.33	0	1.3	2.25	0.6 Yes	0 Thermal Discharging
SWN022	491	'2116178_/2116192'		2.4	9.2	10	0.58	4.6	6.71	1.81 Yes	0.58 Thermal Discharging
SWN022	492	'451595208_/451595205'		0.77	3.33	3.33	0.19	0.2	2.24	0.6 Yes	0.19 Thermal Discharging
SWN022	493	'2116402_/2116399'		0.83	3.33	3.33	0.19	0.4	2.24	0.6 Yes	0.19 Thermal Discharging
SWN022	494	'1394641_/1394651'		0.2	2.63	3.33	0	0.2	2.35	0.6 Yes	0 Thermal Discharging
SWN022	495	'451595680_/451595682'		2.4	8.9	10	0.58	4.6	6.67	1.81 Yes	0.58 Thermal Discharging
SWN022	496	'1394667_/1394664_2'		0.2	2.6	3.33	0	0.1	2.34	0.6 Yes	0 Thermal Discharging
SWN022	497	'2116161_/2116175'		2.3	8.5	10	0.58	4.6	6.61	1.81 Yes	0.58 Thermal Discharging
SWN022	498	'1393226_/1393236'		0.43	3.33	3.33	0	0.9	2.25	0.6 Yes	0 Thermal Discharging
SWN022	499	'451595224_/451595221'		0.73	3.3	3.33	0.19	0.2	2.19	0.6 Yes	0.19 Thermal Discharging
SWN022	500	'451595717_/2116158'		2.3	8.3	10	0.58	4.6	6.58	1.81 Yes	0.58 Thermal Discharging
SWN022	501	'2117931_/2117928'		0.57	3.33	3.33	0	1.3	2.2	0.6 Yes	0 Thermal Discharging
SWN022	502	'1396766_/1396764'		0.17	2.37	3.33	0	0.3	2.32	0.6 Yes	0 Thermal Discharging
SWN022	503	'470535381_/470535378_2'		0.43	3.33	3.33	0	0.2	2.24	0.6 Yes	0 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SWN022	504	'8466578_/_8466575_2'	0.17	2.37	3.33	0	0.3	2.32	0.6 Yes	0	Thermal Discharging
SWN022	505	'2116141_/_451595731'	2.3	8.1	10	0.58	4.6	6.53	1.81 Yes	0.58	Thermal Discharging
SWN022	506	'2116415_/_2116412'	0.77	2.97	3.33	0.19	0.4	2.18	0.6 Yes	0.19	Thermal Discharging
SWN022	507	'2116121_/_2116138'	2.2	7.7	10	0.58	4.6	6.44	1.81 Yes	0.58	Thermal Discharging
SWN022	508	'1394680_/_1394677'	0.2	2.4	3.33	0	0.1	2.25	0.6 Yes	0	Thermal Discharging
SWN022	509	'1393213_/_1393223'	0.4	3.33	3.33	0	0.9	2.19	0.6 Yes	0	Thermal Discharging
SWN022	510	'451595240_/_451595237'	0.7	2.97	3.33	0.19	0.2	2.14	0.6 Yes	0.19	Thermal Discharging
SWN022	511	'1394640_/_1394638'	0.17	2.4	3.33	0	0.2	2.24	0.6 Yes	0	Thermal Discharging
SWN022	512	'2117944_/_2117941'	0.53	3.33	3.33	0	1	2.14	0.6 Yes	0	Thermal Discharging
SWN022	513	'2115863_/_2116118'	2.2	7.4	10	0.58	4.6	6.38	1.81 Yes	0.58	Thermal Discharging
SWN022	514	'56230215_/_56230170_1'	2.2	7.4	10	0.58	1.3	6.36	1.81 Yes	0.58	Thermal Discharging
SWN022	515	'451595256_/_451595253'	0.67	2.87	3.33	0.19	0.2	2.11	0.6 Yes	0.19	Thermal Discharging
SWN022	516	'2115879_/_2115876'	2.1	7.1	10	0.58	4.6	6.29	1.81 Yes	0.58	Thermal Discharging
SWN022	517	'7522734_/_7522731'	0.17	2.13	3.33	0	0.2	2.21	0.6 Yes	0	Thermal Discharging
SWN022	518	'43106908_/_43106910'	0.7	2.6	3.33	0.19	0.4	2.1	0.6 Yes	0.19	Thermal Discharging
SWN022	519	'451595413_/_451595410'	0.67	2.77	3.33	0.19	0.2	2.09	0.6 Yes	0.19	Thermal Discharging
SWN022	520	'56230193_/_56230170_2'	2.1	7	10	0.58	1.3	6.26	1.81 Yes	0.58	Thermal Discharging
SWN022	521	'1393200_/_1393210'	0.37	3.03	3.33	0	0.9	2.13	0.6 Yes	0	Thermal Discharging
SWN022	522	'2116427_/_2116425'	0.7	2.57	3.33	0.19	0.4	2.09	0.6 Yes	0.19	Thermal Discharging
SWN022	523	'59154309_/_56230245_2'	2	7	10	0.58	1.3	6.24	1.81 Yes	0.58	Thermal Discharging
SWN022	524	'2115899_/_2115896'	2.1	6.8	10	0.58	4.6	6.2	1.81 Yes	0.58	Thermal Discharging
SWN022	525	'2117957_/_2117954'	0.5	3.33	3.33	0	1	2.08	0.6 Yes	0	Thermal Discharging
SWN022	526	'2115816_/_2115828'	0.67	2.33	3.33	0.19	0.43	2.06	0.6 Yes	0.19	Thermal Discharging
SWN022	527	'1394693_/_1394690'	0.17	2.23	3.33	0	0.1	2.16	0.6 Yes	0	Thermal Discharging
SWN022	528	'451595430_/_451595427'	0.63	2.67	3.33	0.19	0.2	2.06	0.6 Yes	0.19	Thermal Discharging
SWN022	529	'1394628_/_1396396'	0.17	2.23	3.33	0	0.2	2.15	0.6 Yes	0	Thermal Discharging
SWN022	530	'56230238_/_56230245_1'	2	6.7	10	0.58	0.8	6.15	1.81 Yes	0.58	Thermal Discharging
SWN022	531	'2115783_/_2115813'	0.67	2.33	3.33	0.19	0.43	2.04	0.6 Yes	0.19	Thermal Discharging
SWN022	532	'7533903_/_9425318_1'	0.67	2.33	3.33	0.19	0.4	2.04	0.6 Yes	0.19	Thermal Discharging
SWN022	533	'2115916_/_2115913'	2	6.6	10	0.58	4.6	6.11	1.81 Yes	0.58	Thermal Discharging
SWN022	534	'451595451_/_451595448'	0.63	2.6	3.33	0.19	0.2	2.04	0.6 Yes	0.19	Thermal Discharging
SWN022	535	'8466577_/_8466575_1'	0.17	2.07	3.33	0	0.1	2.15	0.6 Yes	0	Thermal Discharging
SWN022	536	'1393187_/_1393197'	0.37	2.77	3.33	0	0.9	2.08	0.6 Yes	0	Thermal Discharging
SWN022	537	'2115933_/_2115930'	2	6.4	10	0.58	4.6	6.05	1.81 Yes	0.58	Thermal Discharging
SWN022	538	'2118025_/_2118022'	0.47	3.33	3.33	0	1	2.03	0.6 Yes	0	Thermal Discharging
SWN022	539	'2117973_/_2117970'	0.47	3.33	3.33	0	1	2.01	0.6 Yes	0	Thermal Discharging
SWN022	540	'1394706_/_1394703'	0.17	2.13	3.33	0	0.1	2.09	0.6 Yes	0	Thermal Discharging
SWN022	541	'2115950_/_2115947'	2	6.1	10	0.58	4.6	5.96	1.81 Yes	0.58	Thermal Discharging
SWN022	542	'1393174_/_1393184'	0.37	2.6	3.33	0	0.9	2.03	0.6 Yes	0	Thermal Discharging
SWN022	543	'1394615_/_1394625'	0.17	2.1	3.33	0	0.2	2.07	0.6 Yes	0	Thermal Discharging
SWN022	544	'2115967_/_2115964'	1.9	6	10	0.58	4.6	5.9	1.81 Yes	0.58	Thermal Discharging
SWN022	545	'2115984_/_2115981'	1.9	5.8	10	0.58	4.6	5.84	1.81 Yes	0.58	Thermal Discharging
SWN022	546	'2116004_/_2116017'	0.63	1.93	3.33	0.19	1.53	1.94	0.6 Yes	0.19	Thermal Discharging
SWN022	547	'1396623_/_7203968'	0.13	1.9	3.33	0	0.3	2.05	0.6 Yes	0	Thermal Discharging
SWN022	548	'2117986_/_2117983'	0.43	3.2	3.33	0	1	1.95	0.6 Yes	0	Thermal Discharging
SWN022	549	'1393161_/_1393171'	0.33	2.47	3.33	0	0.9	1.98	0.6 Yes	0	Thermal Discharging
SWN022	550	'1396624_/_1396634_2'	0.13	1.9	3.33	0	0.3	2.04	0.6 Yes	0	Thermal Discharging
SWN022	551	'7789808_/_9425318_2'	0.57	2.03	3.33	0.19	0.4	1.93	0.6 Yes	0.19	Thermal Discharging
SWN022	552	'2116003_/_2116001'	0.63	1.93	3.33	0.19	0.4	1.92	0.6 Yes	0.19	Thermal Discharging
SWN022	553	'1394465_/_1396090'	0.17	1.97	3.33	0	0.1	2.01	0.6 Yes	0	Thermal Discharging
SWN022	554	'2116033_/_2116030'	1.9	5.6	10	0.58	4.6	5.73	1.81 Yes	0.58	Thermal Discharging
SWN022	555	'1394602_/_1394612'	0.17	1.97	3.33	0	0.2	2	0.6 Yes	0	Thermal Discharging
SWN022	556	'8466594_/_8466591'	0.13	1.8	3.33	0	0.2	2.01	0.6 Yes	0	Thermal Discharging
SWN022	557	'1393148_/_1393158'	0.33	2.33	3.33	0	0.9	1.94	0.6 Yes	0	Thermal Discharging
SWN022	558	'1396636_/_1396634_1'	0.13	1.83	3.33	0	0.2	1.99	0.6 Yes	0	Thermal Discharging
SWN022	559	'43106871_/_2116050'	1.8	5.5	10	0.58	4.6	5.67	1.81 Yes	0.58	Thermal Discharging
SWN022	560	'2114862_/_2114860_1'	1.8	5.5	10	0.46	4.6	5.66	1.37 Yes	0.46	Thermal Discharging
SWN022	561	'2117999_/_2117996'	0.4	2.7	3.33	0	1	1.9	0.6 Yes	0	Thermal Discharging
SWN022	562	'2118038_/_2118035'	0.43	2.67	3.33	0	1	1.9	0.6 Yes	0	Thermal Discharging
SWN022	563	'2114863_/_2114860_2'	1.8	5.2	10	0.46	4.6	5.57	1.37 Yes	0.46	Thermal Discharging
SWN022	564	'7789807_/_7789805'	0.53	1.87	3.33	0.19	0.4	1.86	0.6 Yes	0.19	Thermal Discharging
SWN022	565	'1394466_/_1394463'	0.13	1.87	3.33	0	0.1	1.94	0.6 Yes	0	Thermal Discharging
SWN022	566	'1393135_/_1393145'	0.3	2.2	3.33	0	0.9	1.89	0.6 Yes	0	Thermal Discharging
SWN022	567	'1396650_/_1396647'	0.13	1.77	3.33	0	0.2	1.94	0.6 Yes	0	Thermal Discharging
SWN022	568	'1394589_/_1394599'	0.13	1.87	3.33	0	0.2	1.93	0.6 Yes	0	Thermal Discharging
SWN022	569	'2118012_/_2118009'	0.4	2.43	3.33	0	1	1.86	0.6 Yes	0	Thermal Discharging
SWN022	570	'2114883_/_2114880'	1.8	5.1	10	0.46	4.6	5.51	1.37 Yes	0.46	Thermal Discharging
SWN022	571	'9696546_/_2114900_1'	1.8	5.1	10	0.46	4.6	5.51	1.37 Yes	0.46	Thermal Discharging
SWN022	572	'8433696_/_8433694_1'	0.6	1.7	3.33	0.15	0.2	1.83	0.46 Yes	0.15	Thermal Discharging
SWN022	573	'2117654_/_2118369'	0.37	2.4	3.33	0	1	1.84	0.6 Yes	0	Thermal Discharging
SWN022	574	'2114903_/_2114900_2'	1.8	5	10	0.46	4.6	5.46	1.37 Yes	0.46	Thermal Discharging
SWN022	575	'2117171_/_2117168_2'	0.37	2.37	3.33	0	0.9	1.84	0.6 Yes	0	Thermal Discharging
SWN022	576	'2117183_/_2117181_1'	0.37	2.37	3.33	0	0.2	1.84	0.6 Yes	0	Thermal Discharging
SWN022	577	'1393122_/_1393132'	0.3	2.1	3.33	0	0.9	1.85	0.6 Yes	0	Thermal Discharging
SWN022	578	'1396663_/_1396660'	0.13	1.7	3.33	0	0.2	1.9	0.6 Yes	0	Thermal Discharging
SWN022	579	'2114920_/_2114917'	1.7	4.9	10	0.46	4.6	5.41	1.37 Yes	0.46	Thermal Discharging
SWN022	580	'1394479_/_1394476'	0.13	1.77	3.33	0	0.1	1.88	0.6 Yes	0	Thermal Discharging
SWN022	581	'38860122_/_8433694_2'	0.6	1.63	3.33	0.15	0.2	1.79	0.46 Yes	0.15	Thermal Discharging
SWN022	582	'1394576_/_1394586'	0.13	1.77	3.33	0	0.2	1.87	0.6 Yes	0	Thermal Discharging
SWN022	583	'2114940_/_2114937'	1.7	4.8	10	0.46	4.6	5.36	1.37 Yes	0.46	Thermal Discharging
SWN022	584	'2117681_/_2117678'	0.37	2.23	3.33	0	0.9	1.8	0.6 Yes	0	Thermal Discharging
SWN022	585	'2114957_/_2114954'	1.7	4.8	10	0.46	4.6	5.34	1.37 Yes	0.46	Thermal Discharging
SWN022	586	'2117184_/_2117181_2'	0.37	2.23	3.33	0	0.2	1.8	0.6 Yes	0	Thermal Discharging
SWN022	587	'2117706_/_2117704'	0.37	2.23	3.33	0	0.2	1.8	0.6 Yes	0	Thermal Discharging
SWN022	588	'2115290_/_2115288_1'	0.57	1.6	3.33	0.15	0.2	1.78	0.46 Yes	0.15	Thermal Discharging
SWN022	589	'50178489_/_2114971_1'	1.7	4.8	10	0.46	4.6	5.31	1.37 Yes	0.46	Thermal Discharging
SWN022	590	'2114974_/_2114971_2'	1.7	4.8	10	0.46	4.6	5.31	1.37 Yes	0.46	Thermal Discharging
SWN022	591	'1393027_/_1393119'	0.3	2.03	3.33	0	0.9	1.81	0.6 Yes	0	Thermal Discharging
SWN022	592	'8794113_/_9425286_1'	0.57	1.57	3.33	0.15	0.2	1.77	0.46 Yes	0.15	Thermal Discharging
SWN022	593	'1393001_/_1396220'	0.3	2	3.33	0	0.9	1.81	0.6 Yes	0	Thermal Discharging
SWN022	594	'1396676_/_1396673'	0.13	1.67	3.33	0	0.2	1.85	0.6 Yes	0	Thermal Discharging
SWN022	595	'2117158_/_2117168_1'	0.37	2.17	3.33	0	0.2	1.78	0.6 Yes	0	Thermal Discharging
SWN022	596	'2114991_/_2114988'	1.7	4.7	10	0.46	4.6	5.27	1.37 Yes	0.46	Thermal Discharging
SWN022	597	'689661896_/_2115335'	1.13	3.13	6.67	0.3	2	3.51	0.91 Yes	0.3	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Over- Voltage Deviation	Regulator Voltage Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SWN022	598	'40367420_/_44091759'		0.6	1.6	3.33	0.15	0.2	1.76	0.46 Yes	0.15 Thermal Discharging
SWN022	599	'2115291_/_2115288_2'		0.57	1.57	3.33	0.15	0.2	1.75	0.46 Yes	0.15 Thermal Discharging
SWN022	600	'7802760_/_9425286_2'		0.57	1.57	3.33	0.15	0.2	1.75	0.46 Yes	0.15 Thermal Discharging
SWN022	601	'2115008_/_2115005'		1.7	4.6	10	0.46	4.6	5.24	1.37 Yes	0.46 Thermal Discharging
SWN022	602	'92191961_/_1393025'		0.27	1.97	3.33	0	0.9	1.78	0.6 Yes	0 Thermal Discharging
SWN022	603	'7218626_/_7218624_1'		0.57	1.53	3.33	0.15	0.2	1.74	0.46 Yes	0.15 Thermal Discharging
SWN022	604	'2117287_/_2117691'		0.33	2.1	3.33	0	0.9	1.76	0.6 Yes	0 Thermal Discharging
SWN022	605	'2115025_/_2115022'		1.7	4.6	10	0.46	4.6	5.22	1.37 Yes	0.46 Thermal Discharging
SWN022	606	'2117197_/_2117194'		0.37	2.1	3.33	0	0.2	1.76	0.6 Yes	0 Thermal Discharging
SWN022	607	'1394492_/_1394489'		0.13	1.7	3.33	0	0.1	1.82	0.6 Yes	0 Thermal Discharging
SWN022	608	'1393093_/_1393103'		0.27	1.93	3.33	0	0.9	1.77	0.6 Yes	0 Thermal Discharging
SWN022	609	'1394560_/_1394573'		0.13	1.7	3.33	0	0.2	1.81	0.6 Yes	0 Thermal Discharging
SWN022	610	'7218627_/_7218624_2'		0.57	1.53	3.33	0.15	0.2	1.73	0.46 Yes	0.15 Thermal Discharging
SWN022	611	'2115042_/_2115039'		1.7	4.5	10	0.46	4.6	5.19	1.37 Yes	0.46 Thermal Discharging
SWN022	612	'1393002_/_1392999'		0.27	1.93	3.33	0	0.9	1.77	0.6 Yes	0 Thermal Discharging
SWN022	613	'2117723_/_2117720'		0.37	2.07	3.33	0	0.2	1.74	0.6 Yes	0 Thermal Discharging
SWN022	614	'42988697_/_1396751'		0.13	1.6	3.33	0	0.2	1.81	0.6 Yes	0 Thermal Discharging
SWN022	615	'2115059_/_2115056'		1.7	4.5	10	0.46	4.6	5.17	1.37 Yes	0.46 Thermal Discharging
SWN022	616	'92192115_/_1393038'		0.27	1.93	3.33	0	0.9	1.76	0.6 Yes	0 Thermal Discharging
SWN022	617	'43106974_/_43106976'		0.33	2.07	3.33	0	0.2	1.74	0.6 Yes	0 Thermal Discharging
SWN022	618	'7802759_/_7802757_1'		0.57	1.33	3.33	0.15	0.2	1.72	0.46 Yes	0.15 Thermal Discharging
SWN022	619	'43106766_/_2115073'		1.6	4.5	10	0.46	4.6	5.14	1.37 Yes	0.46 Thermal Discharging
SWN022	620	'2115093_/_2115090'		1.6	4.4	10	0.46	4.6	5.12	1.37 Yes	0.46 Thermal Discharging
SWN022	621	'43106779_/_2115107'		1.6	4.4	10	0.46	4.6	5.1	1.37 Yes	0.46 Thermal Discharging
SWN022	622	'2117288_/_2117285'		0.33	2	3.33	0	0.9	1.72	0.6 Yes	0 Thermal Discharging
SWN022	623	'92192038_/_92192117'		0.27	1.87	3.33	0	0.9	1.74	0.6 Yes	0 Thermal Discharging
SWN022	624	'2117210_/_2117207'		0.33	2	3.33	0	0.2	1.72	0.6 Yes	0 Thermal Discharging
SWN022	625	'1393080_/_1393090'		0.27	1.87	3.33	0	0.9	1.74	0.6 Yes	0 Thermal Discharging
SWN022	626	'86950538_/_86950499_2'		0.27	1.87	3.33	0	0.9	1.73	0.6 Yes	0 Thermal Discharging
SWN022	627	'2101761_/_43106781'		1.6	4.4	10	0.46	4.6	5.08	1.37 Yes	0.46 Thermal Discharging
SWN022	628	'2115146_/_2115144_1'		1.6	4.3	10	0.46	0.9	5.07	1.37 Yes	0.46 Thermal Discharging
SWN022	629	'111108936_/_2115197_1'		0.53	1.43	3.33	0.15	0.2	1.69	0.46 Yes	0.15 Thermal Discharging
SWN022	630	'43106428_/_2101758'		1.6	4.3	10	0.46	4.6	5.06	1.37 Yes	0.46 Thermal Discharging
SWN022	631	'1396689_/_1396686'		0.1	1.57	3.33	0	0.2	1.77	0.6 Yes	0 Thermal Discharging
SWN022	632	'2100841_/_2113932'		1.6	4.3	10	0.46	4.6	5.06	1.37 Yes	0.46 Thermal Discharging
SWN022	633	'43106415_/_2100839'		1.6	4.3	10	0.46	1.6	5.04	1.37 Yes	0.46 Thermal Discharging
SWN022	634	'1394547_/_1394557'		0.13	1.6	3.33	0	0.2	1.75	0.6 Yes	0 Thermal Discharging
SWN022	635	'7218677_/_7218674'		0.57	1.47	3.33	0.15	0.2	1.68	0.46 Yes	0.15 Thermal Discharging
SWN022	636	'2115147_/_2115144_2'		1.6	4.3	10	0.46	0.9	5.03	1.37 Yes	0.46 Thermal Discharging
SWN022	637	'1394505_/_1394502'		0.13	1.6	3.33	0	0.1	1.75	0.6 Yes	0 Thermal Discharging
SWN022	638	'2100859_/_2100856'		1.6	4.3	10	0.46	1.6	5.02	1.37 Yes	0.46 Thermal Discharging
SWN022	639	'34548045_/_49212652'		0.57	1.43	3.33	0.15	0.2	1.68	0.46 Yes	0.15 Thermal Discharging
SWN022	640	'2115200_/_2115197_2'		0.53	1.43	3.33	0.15	0.2	1.67	0.46 Yes	0.15 Thermal Discharging
SWN022	641	'1393014_/_1393077'		0.27	1.8	3.33	0	0.9	1.7	0.6 Yes	0 Thermal Discharging
SWN022	642	'86950488_/_86950499_1'		0.27	1.8	3.33	0	0.2	1.71	0.6 Yes	0 Thermal Discharging
SWN022	643	'7844675_/_7844672'		0.57	1.43	3.33	0.15	0.2	1.67	0.46 Yes	0.15 Thermal Discharging
SWN022	644	'2100876_/_2100873'		1.6	4.2	10	0.46	1.6	5	1.37 Yes	0.46 Thermal Discharging
SWN022	645	'1393015_/_1396194_1'		0.27	1.8	3.33	0	0.2	1.7	0.6 Yes	0 Thermal Discharging
SWN022	646	'1397043_/_8783842'		0.1	1.5	3.33	0	0.3	1.75	0.6 Yes	0 Thermal Discharging
SWN022	647	'2117223_/_2117220'		0.33	1.9	3.33	0	0.2	1.68	0.6 Yes	0 Thermal Discharging
SWN022	648	'2117301_/_2117298'		0.33	1.9	3.33	0	0.9	1.68	0.6 Yes	0 Thermal Discharging
SWN022	649	'2100909_/_2100890'		1.6	4.2	10	0.46	1.6	4.98	1.37 Yes	0.46 Thermal Discharging
SWN022	650	'114591868_/_1397041_1'		0.1	1.5	3.33	0	0.2	1.74	0.6 Yes	0 Thermal Discharging
SWN022	651	'2115356_/_2115353'		1.6	4.2	10	0.46	0.9	4.99	1.37 Yes	0.46 Thermal Discharging
SWN022	652	'8168027_/_8168025_1'		0.53	1.4	3.33	0.15	0.2	1.66	0.46 Yes	0.15 Thermal Discharging
SWN022	653	'2117132_/_2117142'		0.33	1.9	3.33	0	0.2	1.67	0.6 Yes	0 Thermal Discharging
SWN022	654	'1394546_/_1394544'		0.13	1.57	3.33	0	0.2	1.73	0.6 Yes	0 Thermal Discharging
SWN022	655	'2100910_/_2100907'		1.6	4.2	10	0.46	1.6	4.96	1.37 Yes	0.46 Thermal Discharging
SWN022	656	'1392923_/_1396194_2'		0.27	1.8	3.33	0	0.2	1.69	0.6 Yes	0 Thermal Discharging
SWN022	657	'8168028_/_8168025_2'		0.53	1.4	3.33	0.15	0.2	1.65	0.46 Yes	0.15 Thermal Discharging
SWN022	658	'42984280_/_42984282'		0.27	1.77	3.33	0	0.9	1.69	0.6 Yes	0 Thermal Discharging
SWN022	659	'2101029_/_2113786_1'		1.6	4.2	10	0.46	0.8	4.95	1.37 Yes	0.46 Thermal Discharging
SWN022	660	'43106792_/_2115210'		0.53	1.4	3.33	0.15	0.2	1.65	0.46 Yes	0.15 Thermal Discharging
SWN022	661	'2113772_/_2113769_1'		1.6	4.2	10	0.46	0.8	4.95	1.37 Yes	0.46 Thermal Discharging
SWN022	662	'2115213_/_43106794'		0.53	1.4	3.33	0.15	0.2	1.65	0.46 Yes	0.15 Thermal Discharging
SWN022	663	'1396702_/_1396699'		0.1	1.5	3.33	0	0.2	1.73	0.6 Yes	0 Thermal Discharging
SWN022	664	'43106753_/_2115721'		1.5	4.1	10	0.46	0.9	4.95	1.37 Yes	0.46 Thermal Discharging
SWN022	665	'43106498_/_2100924'		1.6	4.2	10	0.46	1.6	4.94	1.37 Yes	0.46 Thermal Discharging
SWN022	666	'8461581_/_8794142_1'		0.53	1.4	3.33	0.15	0.2	1.65	0.46 Yes	0.15 Thermal Discharging
SWN022	667	'2113755_/_2113769_2'		1.6	4.1	10	0.46	0.8	4.93	1.37 Yes	0.46 Thermal Discharging
SWN022	668	'43106485_/_43106500'		1.6	4.1	10	0.46	1.6	4.93	1.37 Yes	0.46 Thermal Discharging
SWN022	669	'8794160_/_8794158'		0.57	1.4	3.33	0.15	0.2	1.65	0.46 Yes	0.15 Thermal Discharging
SWN022	670	'8168059_/_8168057_1'		0.43	1.1	3.33	0.15	0.2	1.64	0.46 Yes	0.15 Thermal Discharging
SWN022	671	'2115226_/_2115223'		0.53	1.4	3.33	0.15	0.2	1.64	0.46 Yes	0.15 Thermal Discharging
SWN022	672	'2100961_/_43106487'		1.6	4.1	10	0.46	1.6	4.92	1.37 Yes	0.46 Thermal Discharging
SWN022	673	'43106611_/_2100975'		1.6	4.1	10	0.46	1.6	4.9	1.37 Yes	0.46 Thermal Discharging
SWN022	674	'2113789_/_2113786_2'		1.5	4.1	10	0.46	0.8	4.89	1.37 Yes	0.46 Thermal Discharging
SWN022	675	'2113738_/_2113752'		1.5	4.1	10	0.46	0.8	4.89	1.37 Yes	0.46 Thermal Discharging
SWN022	676	'2115239_/_2115236'		0.57	1.37	3.33	0.15	0.2	1.63	0.46 Yes	0.15 Thermal Discharging
SWN022	677	'1397044_/_1397041_2'		0.1	1.47	3.33	0	0.2	1.71	0.6 Yes	0 Thermal Discharging
SWN022	678	'2117236_/_2117233'		0.3	1.83	3.33	0	0.2	1.64	0.6 Yes	0 Thermal Discharging
SWN022	679	'2117314_/_2117311'		0.3	1.83	3.33	0	0.9	1.64	0.6 Yes	0 Thermal Discharging
SWN022	680	'2101049_/_2101046'		1.5	4.1	10	0.46	1.6	4.87	1.37 Yes	0.46 Thermal Discharging
SWN022	681	'2115373_/_2115370'		1.5	4	10	0.46	0.9	4.88	1.37 Yes	0.46 Thermal Discharging
SWN022	682	'1392924_/_1392921'		0.27	1.73	3.33	0	0.2	1.66	0.6 Yes	0 Thermal Discharging
SWN022	683	'2113721_/_2113735'		1.5	4.1	10	0.46	0.8	4.87	1.37 Yes	0.46 Thermal Discharging
SWN022	684	'43106624_/_2101063'		1.5	4.1	10	0.46	1.6	4.85	1.37 Yes	0.46 Thermal Discharging
SWN022	685	'2113806_/_2113803'		1.5	4	10	0.46	0.8	4.85	1.37 Yes	0.46 Thermal Discharging
SWN022	686	'34548177_/_49212707'		0.53	1.37	3.33	0.15	0.2	1.62	0.46 Yes	0.15 Thermal Discharging
SWN022	687	'1396715_/_1396712'		0.1	1.47	3.33	0	0.2	1.69	0.6 Yes	0 Thermal Discharging
SWN022	688	'58844291_/_8739740'		0.4	1.47	3.33	0.19	0.4	1.63	0.6 Yes	0.19 Thermal Discharging
SWN022	689	'2101270_/_2113718'		1.5	4	10	0.46	0.8	4.84	1.37 Yes	0.46 Thermal Discharging
SWN022	690	'2101083_/_2101080'		1.5	4	10	0.46	1.6	4.83	1.37 Yes	0.46 Thermal Discharging
SWN022	691	'2115252_/_2115249'		0.53	1.37	3.33	0.15	0.2	1.61	0.46 Yes	0.15 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
											VSR (MW)	Limiting Threshold
SWN022	692	'1392268_/1392278'		0.23	1.7	3.33	0	0.9	1.64	0.6 Yes	0	Thermal Discharging
SWN022	693	'69051066_/2114742_2'		1.5	4	10	0.46	1.6	4.81	1.37 Yes	0.46	Thermal Discharging
SWN022	694	'2113703_/2113701'		1.5	4	10	0.46	0.8	4.81	1.37 Yes	0.46	Thermal Discharging
SWN022	695	'2117131_/2117129'		0.3	1.77	3.33	0	0.2	1.62	0.6 Yes	0	Thermal Discharging
SWN022	696	'43106803_/2115427'		0.93	2.6	6.67	0.3	0.6	3.21	0.91 Yes	0.3	Thermal Discharging
SWN022	697	'2113683_/2113820'		1.5	4	10	0.46	0.8	4.8	1.37 Yes	0.46	Thermal Discharging
SWN022	698	'2101100_/2101097'		0.5	1.33	3.33	0.15	0.53	1.6	0.46 Yes	0.15	Thermal Discharging
SWN022	699	'2101780_/2115262'		0.53	1.33	3.33	0.15	0.2	1.6	0.46 Yes	0.15	Thermal Discharging
SWN022	700	'2100774_/2100772_1'		1	2.6	6.67	0.3	0.3	3.2	0.91 Yes	0.3	Thermal Discharging
SWN022	701	'90429793_/90429803'		0.93	2.6	6.67	0.3	0.6	3.2	0.91 Yes	0.3	Thermal Discharging
SWN022	702	'2118173_/2118356'		0.3	1.77	3.33	0	0.2	1.61	0.6 Yes	0	Thermal Discharging
SWN022	703	'2101269_/2101267_2'		0.5	1.33	3.33	0.15	0.27	1.6	0.46 Yes	0.15	Thermal Discharging
SWN022	704	'90429869_/2115387'		1.4	3.9	10	0.46	0.9	4.8	1.37 Yes	0.46	Thermal Discharging
SWN022	705	'2117327_/2117324'		0.3	1.73	3.33	0	0.9	1.61	0.6 Yes	0	Thermal Discharging
SWN022	706	'1397057_/1397054'		0.1	1.4	3.33	0	0.2	1.67	0.6 Yes	0	Thermal Discharging
SWN022	707	'90429846_/8461594_1'		0.47	1.3	3.33	0.15	0.1	1.6	0.46 Yes	0.1	Element Fault
SWN022	708	'2101744_/8168009_2'		0.47	1.3	3.33	0.15	0.3	1.6	0.46 Yes	0.15	Thermal Discharging
SWN022	709	'43106452_/2101267_1'		0.5	1.33	3.33	0.15	0.27	1.59	0.46 Yes	0.15	Thermal Discharging
SWN022	710	'2117249_/2117246'		0.3	1.73	3.33	0	0.2	1.61	0.6 Yes	0	Thermal Discharging
SWN022	711	'8794145_/8794142_2'		0.53	1.33	3.33	0.15	0.2	1.59	0.46 Yes	0.15	Thermal Discharging
SWN022	712	'2119122_/2119119'		1.5	4	10	0.46	0.8	4.77	1.37 Yes	0.46	Thermal Discharging
SWN022	713	'1392937_/1392934'		0.23	1.67	3.33	0	0.2	1.62	0.6 Yes	0	Thermal Discharging
SWN022	714	'2114744_/2114742_1'		1.5	3.9	10	0.46	1.5	4.77	1.37 Yes	0.46	Thermal Discharging
SWN022	715	'43106524_/21011114'		0.5	1.33	3.33	0.15	0.53	1.59	0.46 Yes	0.15	Thermal Discharging
SWN022	716	'388073591_/2101280'		0.5	1.3	3.33	0.15	0.27	1.59	0.46 Yes	0.15	Thermal Discharging
SWN022	717	'7218579_/8168041_2'		0.5	1.3	3.33	0.15	0.5	1.59	0.46 Yes	0.15	Thermal Discharging
SWN022	718	'2115278_/2115275'		0.53	1.33	3.33	0.15	0.2	1.59	0.46 Yes	0.15	Thermal Discharging
SWN022	719	'2101299_/388073595'		0.5	1.3	3.33	0.15	0.27	1.58	0.46 Yes	0.15	Thermal Discharging
SWN022	720	'2100775_/2100772_2'		0.93	2.6	6.67	0.3	0.3	3.17	0.91 Yes	0.3	Thermal Discharging
SWN022	721	'2119139_/2119136'		1.4	3.9	10	0.46	0.8	4.75	1.37 Yes	0.46	Thermal Discharging
SWN022	722	'2113840_/2113837'		1.4	3.9	10	0.46	0.8	4.74	1.37 Yes	0.46	Thermal Discharging
SWN022	723	'43106391_/43106393'		0.93	2.6	6.67	0.3	0.53	3.16	0.91 Yes	0.3	Thermal Discharging
SWN022	724	'8168011_/8168009_1'		0.47	1.3	3.33	0.15	0.1	1.58	0.46 Yes	0.1	Element Fault
SWN022	725	'478704437_/478704434'		1.4	3.9	10	0.46	0.8	4.73	1.37 Yes	0.46	Thermal Discharging
SWN022	726	'1392255_/1392265'		0.23	1.63	3.33	0	0.9	1.61	0.6 Yes	0	Thermal Discharging
SWN022	727	'2101244_/2101254'		0.5	1.3	3.33	0.15	0.27	1.57	0.46 Yes	0.15	Thermal Discharging
SWN022	728	'43106511_/2114759'		1.5	3.9	10	0.46	1.5	4.72	1.37 Yes	0.46	Thermal Discharging
SWN022	729	'2118174_/2118171'		0.3	1.7	3.33	0	0.2	1.59	0.6 Yes	0	Thermal Discharging
SWN022	730	'69050906_/53636517'		0.47	1.3	3.33	0.15	0.27	1.57	0.46 Yes	0.15	Thermal Discharging
SWN022	731	'61697960_/53636552_1'		0.47	1.3	3.33	0.15	0.1	1.57	0.46 Yes	0.1	Element Fault
SWN022	732	'7133084_/7133081'		0.47	1.3	3.33	0.15	0.3	1.57	0.46 Yes	0.15	Thermal Discharging
SWN022	733	'43106563_/2114643'		0.93	2.53	6.67	0.3	0.3	3.14	0.91 Yes	0.3	Thermal Discharging
SWN022	734	'2101312_/2101309_1'		0.5	1.3	3.33	0.15	0.27	1.57	0.46 Yes	0.15	Thermal Discharging
SWN022	735	'43106586_/2113857'		1.4	3.8	10	0.46	0.8	4.71	1.37 Yes	0.46	Thermal Discharging
SWN022	736	'43106637_/2101778'		0.53	1.3	3.33	0.15	0.2	1.57	0.46 Yes	0.15	Thermal Discharging
SWN022	737	'445646144_/448364109_1'		1.4	3.8	10	0.46	0.8	4.71	1.37 Yes	0.46	Thermal Discharging
SWN022	738	'43106537_/2101131'		0.5	1.3	3.33	0.15	0.53	1.56	0.46 Yes	0.15	Thermal Discharging
SWN022	739	'53636545_/53636552_2'		0.47	1.27	3.33	0.15	0.1	1.57	0.46 Yes	0.1	Element Fault
SWN022	740	'2101781_/43106639'		0.53	1.3	3.33	0.15	0.2	1.56	0.46 Yes	0.15	Thermal Discharging
SWN022	741	'2113653_/2113665'		0.93	2.53	6.67	0.3	0.53	3.13	0.91 Yes	0.3	Thermal Discharging
SWN022	742	'2115464_/2115461'		0.53	1.3	3.33	0.15	0.2	1.56	0.46 Yes	0.15	Thermal Discharging
SWN022	743	'2101325_/2101309_2'		0.5	1.3	3.33	0.15	0.27	1.56	0.46 Yes	0.15	Thermal Discharging
SWN022	744	'8461597_/8461594_2'		0.47	1.27	3.33	0.15	0.1	1.57	0.46 Yes	0.1	Element Fault
SWN022	745	'90429887_/2115407'		1.4	3.8	10	0.46	0.9	4.7	1.37 Yes	0.46	Thermal Discharging
SWN022	746	'2114779_/43106513'		1.4	3.8	10	0.46	1.5	4.68	1.37 Yes	0.46	Thermal Discharging
SWN022	747	'2117340_/2117337'		0.3	1.67	3.33	0	0.9	1.58	0.6 Yes	0	Thermal Discharging
SWN022	748	'448364053_/448364109_2'		1.4	3.8	10	0.46	0.8	4.69	1.37 Yes	0.46	Thermal Discharging
SWN022	749	'2117262_/2117259'		0.3	1.67	3.33	0	0.2	1.58	0.6 Yes	0	Thermal Discharging
SWN022	750	'1397070_/1397067'		0.1	1.37	3.33	0	0.2	1.63	0.6 Yes	0	Thermal Discharging
SWN022	751	'2101231_/2101241'		0.5	1.27	3.33	0.15	0.27	1.56	0.46 Yes	0.15	Thermal Discharging
SWN022	752	'2117119_/2118506'		0.3	1.67	3.33	0	0.2	1.57	0.6 Yes	0	Thermal Discharging
SWN022	753	'353995713_/2115594'		0.5	1.3	3.33	0.15	0.2	1.56	0.46 Yes	0.15	Thermal Discharging
SWN022	754	'1392950_/1392947'		0.23	1.6	3.33	0	0.2	1.59	0.6 Yes	0	Thermal Discharging
SWN022	755	'2100789_/2114538'		0.93	2.53	6.67	0.3	0.3	3.12	0.91 Yes	0.3	Thermal Discharging
SWN022	756	'8168043_/8168041_1'		0.47	1.27	3.33	0.15	0.1	1.55	0.46 Yes	0.1	Element Fault
SWN022	757	'2113635_/2113650'		0.93	2.53	6.67	0.3	0.53	3.11	0.91 Yes	0.3	Thermal Discharging
SWN022	758	'1397111_/8154661'		0.1	1.37	3.33	0	0.3	1.63	0.6 Yes	0	Thermal Discharging
SWN022	759	'2113880_/2113877'		1.4	3.8	10	0.46	0.8	4.67	1.37 Yes	0.46	Thermal Discharging
SWN022	760	'2101151_/43106539'		0.5	1.3	3.33	0.15	0.53	1.55	0.46 Yes	0.15	Thermal Discharging
SWN022	761	'43106369_/90429893'		1.4	3.7	10	0.46	0.9	4.67	1.37 Yes	0.46	Thermal Discharging
SWN022	762	'2118187_/2118184'		0.3	1.67	3.33	0	0.2	1.57	0.6 Yes	0	Thermal Discharging
SWN022	763	'1397099_/1397096_2'		0.1	1.37	3.33	0	0.3	1.62	0.6 Yes	0	Thermal Discharging
SWN022	764	'1396728_/1396725'		0.1	1.4	3.33	0	0.2	1.62	0.6 Yes	0	Thermal Discharging
SWN022	765	'2113965_/2113962_2'		0.5	1.3	3.33	0.15	0.53	1.55	0.46 Yes	0.15	Thermal Discharging
SWN022	766	'2101732_/9425270_1'		0.47	1.23	3.33	0.15	0.1	1.56	0.46 Yes	0.1	Element Fault
SWN022	767	'2101793_/2115474'		0.53	1.3	3.33	0.15	0.2	1.55	0.46 Yes	0.15	Thermal Discharging
SWN022	768	'2115639_/2115649'		0.5	1.3	3.33	0.15	0.2	1.55	0.46 Yes	0.15	Thermal Discharging
SWN022	769	'86685957_/86685968'		0.47	1.27	3.33	0.15	0.1	1.55	0.46 Yes	0.1	Element Fault
SWN022	770	'69051071_/2119099_1'		1.4	3.8	10	0.46	1.5	4.64	1.37 Yes	0.46	Thermal Discharging
SWN022	771	'2114795_/2119099_2'		1.4	3.8	10	0.46	1.5	4.64	1.37 Yes	0.46	Thermal Discharging
SWN022	772	'43106441_/2101228'		0.5	1.27	3.33	0.15	0.27	1.55	0.46 Yes	0.15	Thermal Discharging
SWN022	773	'69051138_/7172891_1'		0.47	1.27	3.33	0.15	0.1	1.55	0.46 Yes	0.1	Element Fault
SWN022	774	'1392242_/1392252'		0.23	1.6	3.33	0	0.9	1.57	0.6 Yes	0	Thermal Discharging
SWN022	775	'2113634_/43106405'		0.93	2.53	6.67	0.3	0.53	3.09	0.91 Yes	0.3	Thermal Discharging
SWN022	776	'2101202_/2101212_2'		0.5	1.27	3.33	0.15	0.27	1.54	0.46 Yes	0.15	Thermal Discharging
SWN022	777	'2100790_/2100787'		0.47	1.27	3.33	0.15	0.15	1.54	0.46 Yes	0.15	Thermal Discharging
SWN022	778	'2101201_/2101212_1'		0.5	1.27	3.33	0.15	0.27	1.54	0.46 Yes	0.15	Thermal Discharging
SWN022	779	'2101168_/2101165'		0.53	1.27	3.33	0.15	0.53	1.53	0.46 Yes	0.15	Thermal Discharging
SWN022	780	'346768178_/346768197'		0.47	1.23	3.33	0.15	0.1	1.54	0.46 Yes	0.1	Element Fault
SWN022	781	'1111109025_/2101182_1'		0.53	1.27	3.33	0.15	0.1	1.53	0.46 Yes	0.1	Element Fault
SWN022	782	'43106599_/2113894'		1.3	3.7	10	0.46	0.8	4.61	1.37 Yes	0.46	Thermal Discharging
SWN022	783	'69051087_/7172891_2'		0.47	1.23	3.33	0.15	0.1	1.53	0.46 Yes	0.1	Element Fault
SWN022	784	'2114025_/2118457'		1.3	3.7	10	0.46	0.9	4.61	1.37 Yes	0.46	Thermal Discharging
SWN022	785	'2113916_/2113914_1'		0.87	2.47	6.67	0.3	0.53	3.07	0.91 Yes	0.3	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over- Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SWN022	786	'1397086_/_1397083'	0.1	1.33	3.33	0	0.2	1.6	0.6 Yes	0	Thermal Discharging
SWN022	787	'2118200_/_2118197'	0.3	1.63	3.33	0	0.2	1.55	0.6 Yes	0	Thermal Discharging
SWN022	788	'7533886_/_7533884_1'	0.43	1.23	3.33	0.15	0.1	1.53	0.46 Yes	0.1	Element Fault
SWN022	789	'2117353_/_2117350'	0.27	1.63	3.33	0	0.9	1.54	0.6 Yes	0	Thermal Discharging
SWN022	790	'43106941_/_43106943'	0.27	1.6	3.33	0	0.2	1.54	0.6 Yes	0	Thermal Discharging
SWN022	791	'2114059_/_2114056'	1.4	3.7	10	0.46	1.5	4.58	1.37 Yes	0.46	Thermal Discharging
SWN022	792	'2101185_/_2101182_2'	0.53	1.27	3.33	0.15	0.1	1.52	0.46 Yes	0.1	Element Fault
SWN022	793	'2115626_/_2115636'	0.5	1.27	3.33	0.15	0.2	1.53	0.46 Yes	0.15	Thermal Discharging
SWN022	794	'9425257_/_9425254'	0.47	1.23	3.33	0.15	0.1	1.53	0.46 Yes	0.1	Element Fault
SWN022	795	'2113917_/_2113914_2'	0.87	2.47	6.67	0.3	0.53	3.06	0.91 Yes	0.3	Thermal Discharging
SWN022	796	'2115489_/_2118477'	0.5	1.27	3.33	0.15	0.2	1.52	0.46 Yes	0.15	Thermal Discharging
SWN022	797	'43106575_/_2100800'	0.43	1.23	3.33	0.15	0.15	1.53	0.46 Yes	0.15	Thermal Discharging
SWN022	798	'86686046_/_86686055'	0.43	1.23	3.33	0.15	0.1	1.53	0.46 Yes	0.1	Element Fault
SWN022	799	'1392963_/_1392960'	0.23	1.53	3.33	0	0.2	1.55	0.6 Yes	0	Thermal Discharging
SWN022	800	'1396741_/_1396738'	0.1	1.37	3.33	0	0.2	1.58	0.6 Yes	0	Thermal Discharging
SWN022	801	'2113952_/_2113962_1'	0.53	1.27	3.33	0.15	0.1	1.52	0.46 Yes	0.1	Element Fault
SWN022	802	'2117275_/_2117272'	0.27	1.6	3.33	0	0.2	1.53	0.6 Yes	0	Thermal Discharging
SWN022	803	'1397098_/_1397096_1'	0.1	1.3	3.33	0	0.2	1.58	0.6 Yes	0	Thermal Discharging
SWN022	804	'7172894_/_69051084'	0.47	1.23	3.33	0.15	0.1	1.52	0.46 Yes	0.1	Element Fault
SWN022	805	'7811386_/_9705736_1'	0.47	1.23	3.33	0.15	0.1	1.51	0.46 Yes	0.1	Element Fault
SWN022	806	'2115698_/_2115695'	0.5	1.27	3.33	0.15	0.2	1.51	0.46 Yes	0.15	Thermal Discharging
SWN022	807	'2113618_/_2114022'	1.3	3.6	10	0.46	0.9	4.56	1.37 Yes	0.46	Thermal Discharging
SWN022	808	'1392229_/_1392239'	0.23	1.53	3.33	0	0.9	1.54	0.6 Yes	0	Thermal Discharging
SWN022	809	'2114660_/_43106552'	0.53	1.27	3.33	0.15	0.1	1.51	0.46 Yes	0.1	Element Fault
SWN022	810	'2118158_/_2118411'	0.27	1.6	3.33	0	0.2	1.53	0.6 Yes	0	Thermal Discharging
SWN022	811	'2114079_/_2114076'	1.4	3.6	10	0.46	1.5	4.54	1.37 Yes	0.46	Thermal Discharging
SWN022	812	'2118213_/_2118210'	0.27	1.57	3.33	0	0.2	1.52	0.6 Yes	0	Thermal Discharging
SWN022	813	'2114201_/_2114213_1'	1.4	3.6	10	0.46	0.9	4.53	1.37 Yes	0.46	Thermal Discharging
SWN022	814	'43106816_/_2115623'	0.47	1.23	3.33	0.15	0.2	1.51	0.46 Yes	0.15	Thermal Discharging
SWN022	815	'2114661_/_2114658'	0.53	1.27	3.33	0.15	0.1	1.5	0.46 Yes	0.1	Element Fault
SWN022	816	'2119211_/_2119208'	0.87	2.4	6.67	0.3	0.53	3.02	0.91 Yes	0.3	Thermal Discharging
SWN022	817	'2113981_/_2113994'	0.53	1.23	3.33	0.15	0.53	1.5	0.46 Yes	0.15	Thermal Discharging
SWN022	818	'123452915_/_7533916_2'	0.27	1.57	3.33	0	0.2	1.52	0.6 Yes	0	Thermal Discharging
SWN022	819	'2100816_/_43106577'	0.43	1.2	3.33	0.15	0.15	1.51	0.46 Yes	0.15	Thermal Discharging
SWN022	820	'9705739_/_9705736_2'	0.47	1.2	3.33	0.15	0.1	1.5	0.46 Yes	0.1	Element Fault
SWN022	821	'2115490_/_2115487'	0.5	1.23	3.33	0.15	0.2	1.5	0.46 Yes	0.15	Thermal Discharging
SWN022	822	'7218709_/_7218706'	0.5	1.23	3.33	0.15	0.2	1.5	0.46 Yes	0.15	Thermal Discharging
SWN022	823	'2113601_/_2113615'	1.3	3.6	10	0.46	0.9	4.52	1.37 Yes	0.46	Thermal Discharging
SWN022	824	'2118157_/_2118155'	0.27	1.57	3.33	0	0.2	1.52	0.6 Yes	0	Thermal Discharging
SWN022	825	'107443971_/_2113949'	0.5	1.23	3.33	0.15	0.1	1.5	0.46 Yes	0.1	Element Fault
SWN022	826	'7533887_/_7533884_2'	0.43	1.2	3.33	0.15	0.1	1.51	0.46 Yes	0.1	Element Fault
SWN022	827	'2114216_/_2114213_2'	1.3	3.6	10	0.46	0.9	4.5	1.37 Yes	0.46	Thermal Discharging
SWN022	828	'2114813_/_2114810'	1.3	3.6	10	0.46	1.5	4.5	1.37 Yes	0.46	Thermal Discharging
SWN022	829	'2117366_/_2117363'	0.27	1.57	3.33	0	0.9	1.51	0.6 Yes	0	Thermal Discharging
SWN022	830	'2117090_/_2117100'	0.27	1.57	3.33	0	0.2	1.51	0.6 Yes	0	Thermal Discharging
SWN022	831	'155902903_/_2114234_1'	0.43	1.17	3.33	0.15	0.1	1.5	0.46 Yes	0.1	Element Fault
SWN022	832	'2114678_/_2114675'	0.53	1.27	3.33	0.15	0.1	1.49	0.46 Yes	0.1	Element Fault
SWN022	833	'122348953_/_122348964'	0.47	1.2	3.33	0.15	0.1	1.49	0.46 Yes	0.1	Element Fault
SWN022	834	'1392976_/_1392973'	0.23	1.5	3.33	0	0.2	1.52	0.6 Yes	0	Thermal Discharging
SWN022	835	'43106827_/_43106829'	0.47	1.23	3.33	0.15	0.2	1.49	0.46 Yes	0.15	Thermal Discharging
SWN022	836	'154654819_/_9425270_2'	0.43	1.17	3.33	0.15	0.1	1.5	0.46 Yes	0.1	Element Fault
SWN022	837	'2115609_/_7844656_1'	0.47	1.23	3.33	0.15	0.2	1.49	0.46 Yes	0.15	Thermal Discharging
SWN022	838	'69050954_/_2113598'	1.3	3.5	10	0.46	0.9	4.49	1.37 Yes	0.46	Thermal Discharging
SWN022	839	'69051004_/_69050951_1'	1.3	3.5	10	0.46	0.9	4.49	1.37 Yes	0.46	Thermal Discharging
SWN022	840	'69051014_/_2101716_1'	0.43	1.17	3.33	0.15	0.1	1.49	0.46 Yes	0.1	Element Fault
SWN022	841	'494994482_/_444637208'	0.5	1.23	3.33	0.15	0.2	1.49	0.46 Yes	0.15	Thermal Discharging
SWN022	842	'1392228_/_1392226'	0.23	1.5	3.33	0	0.9	1.52	0.6 Yes	0	Thermal Discharging
SWN022	843	'679784329_/_1396103_1'	0.23	1.5	3.33	0	0.2	1.51	0.6 Yes	0	Thermal Discharging
SWN022	844	'43109451_/_2119249'	0.87	2.33	6.67	0.3	0.53	2.98	0.91 Yes	0.3	Thermal Discharging
SWN022	845	'2100829_/_2100826'	0.43	1.2	3.33	0.15	0.15	1.49	0.46 Yes	0.15	Thermal Discharging
SWN022	846	'43109670_/_2124234'	1.3	3.5	10	0.46	1.5	4.46	1.37 Yes	0.46	Thermal Discharging
SWN022	847	'2113980_/_2113978'	0.5	1.23	3.33	0.15	0.53	1.48	0.46 Yes	0.15	Thermal Discharging
SWN022	848	'43106860_/_2101716_2'	0.43	1.17	3.33	0.15	0.1	1.49	0.46 Yes	0.1	Element Fault
SWN022	849	'42984258_/_42984260'	0.23	1.5	3.33	0	0.9	1.51	0.6 Yes	0	Thermal Discharging
SWN022	850	'2119301_/_2119298'	0.53	1.27	3.33	0.15	0.1	1.47	0.46 Yes	0.1	Element Fault
SWN022	851	'2114399_/_2114396'	1.3	3.5	10	0.46	0.9	4.45	1.37 Yes	0.46	Thermal Discharging
SWN022	852	'444637227_/_444637224'	0.47	1.23	3.33	0.15	0.2	1.48	0.46 Yes	0.15	Thermal Discharging
SWN022	853	'7218595_/_8794094_1'	0.43	1.17	3.33	0.15	0.1	1.48	0.46 Yes	0.1	Element Fault
SWN022	854	'90143295_/_2119236_1'	0.43	1.17	3.33	0.15	0.27	1.48	0.46 Yes	0.15	Thermal Discharging
SWN022	855	'494994512_/_7533948_1'	0.47	1.23	3.33	0.15	0.2	1.48	0.46 Yes	0.15	Thermal Discharging
SWN022	856	'1392677_/_1396103_2'	0.2	1.47	3.33	0	0.2	1.5	0.6 Yes	0	Thermal Discharging
SWN022	857	'69050977_/_69050951_2'	1.2	3.5	10	0.46	0.9	4.44	1.37 Yes	0.46	Thermal Discharging
SWN022	858	'494994458_/_2118490_1'	0.47	1.2	3.33	0.15	0.2	1.47	0.46 Yes	0.15	Thermal Discharging
SWN022	859	'69051106_/_43109672_1'	1.3	3.5	10	0.46	1.5	4.43	1.37 Yes	0.46	Thermal Discharging
SWN022	860	'2124179_/_43109672_2'	1.3	3.5	10	0.46	1.5	4.42	1.37 Yes	0.46	Thermal Discharging
SWN022	861	'2112202_/_2119315'	0.53	1.27	3.33	0.15	0.1	1.46	0.46 Yes	0.1	Element Fault
SWN022	862	'2117077_/_2117087'	0.27	1.5	3.33	0	0.2	1.48	0.6 Yes	0	Thermal Discharging
SWN022	863	'494994506_/_7533948_2'	0.47	1.2	3.33	0.15	0.2	1.47	0.46 Yes	0.15	Thermal Discharging
SWN022	864	'2117379_/_2117376'	0.27	1.5	3.33	0	0.9	1.48	0.6 Yes	0	Thermal Discharging
SWN022	865	'43109657_/_43109659'	1.3	3.4	10	0.46	1.5	4.41	1.37 Yes	0.46	Thermal Discharging
SWN022	866	'2114237_/_2114234_2'	0.43	1.17	3.33	0.15	0.1	1.47	0.46 Yes	0.1	Element Fault
SWN022	867	'1397028_/_1397025'	0.1	1.3	3.33	0	0.2	1.53	0.6 Yes	0	Thermal Discharging
SWN022	868	'444637243_/_444637240'	0.47	1.2	3.33	0.15	0.2	1.47	0.46 Yes	0.15	Thermal Discharging
SWN022	869	'1392989_/_1392986'	0.2	1.47	3.33	0	0.2	1.49	0.6 Yes	0	Thermal Discharging
SWN022	870	'52604162_/_52604141'	0.2	1.47	3.33	0	0.9	1.49	0.6 Yes	0	Thermal Discharging
SWN022	871	'444637624_/_444637592_1'	0.47	1.2	3.33	0.15	0.2	1.46	0.46 Yes	0.15	Thermal Discharging
SWN022	872	'7218610_/_8794094_2'	0.43	1.13	3.33	0.15	0.1	1.46	0.46 Yes	0.1	Element Fault
SWN022	873	'2124202_/_2124251'	1.3	3.4	10	0.46	1.5	4.39	1.37 Yes	0.46	Thermal Discharging
SWN022	874	'69050996_/_69050974_1'	1.2	3.4	10	0.46	0.9	4.4	1.37 Yes	0.46	Thermal Discharging
SWN022	875	'43109463_/_2119236_2'	0.4	1.17	3.33	0.15	0.27	1.46	0.46 Yes	0.15	Thermal Discharging
SWN022	876	'69050936_/_69050974_2'	1.2	3.4	10	0.46	0.9	4.39	1.37 Yes	0.46	Thermal Discharging
SWN022	877	'2112203_/_2112200'	0.53	1.27	3.33	0.15	0.1	1.45	0.46 Yes	0.1	Element Fault
SWN022	878	'8167972_/_8167989_1'	1.2	3.4	10	0.46	0.6	4.39	1.37 Yes	0.46	Thermal Discharging
SWN022	879	'43106741_/_2114414'	1.3	3.4	10	0.46	0.9	4.38	1.37 Yes	0.46	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SWN022	880	'7844723_/9425418_1'	0.43	1.13	3.33	0.15	0.1	1.46	0.46 Yes	0.1 Element Fault	
SWN022	881	'2115741_/2115738'	0.4	1.13	3.33	0.15	0.1	1.46	0.46 Yes	0.1 Element Fault	
SWN022	882	'42984269_/1392213'	0.2	1.43	3.33	0	0.9	1.48	0.6 Yes	0 Thermal Discharging	
SWN022	883	'1396170_/1396168'	0.2	1.43	3.33	0	0.2	1.48	0.6 Yes	0 Thermal Discharging	
SWN022	884	'444637499_/444637592_2'	0.47	1.2	3.33	0.15	0.2	1.45	0.46 Yes	0.15 Thermal Discharging	
SWN022	885	'9425421_/9425418_2'	0.43	1.13	3.33	0.15	0.1	1.46	0.46 Yes	0.1 Element Fault	
SWN022	886	'43106648_/43106650'	1.3	3.4	10	0.46	1.5	4.37	1.37 Yes	0.46 Thermal Discharging	
SWN022	887	'444637259_/444637256'	0.47	1.2	3.33	0.15	0.2	1.45	0.46 Yes	0.15 Thermal Discharging	
SWN022	888	'69051124_/8461642_1'	0.87	2.27	6.67	0.3	0.3	2.91	0.91 Yes	0.3 Thermal Discharging	
SWN022	889	'472623404_/472623408'	1.3	3.4	10	0.46	1.5	4.36	1.37 Yes	0.46 Thermal Discharging	
SWN022	890	'1396970_/1397125'	0.1	1.27	3.33	0	0.2	1.51	0.6 Yes	0 Thermal Discharging	
SWN022	891	'639149303_/639149300'	1.3	3.4	10	0.46	1.5	4.35	1.37 Yes	0.46 Thermal Discharging	
SWN022	892	'1392664_/1392674'	0.2	1.43	3.33	0	0.2	1.47	0.6 Yes	0 Thermal Discharging	
SWN022	893	'478704572_/478704576'	1.3	3.4	10	0.46	1.5	4.35	1.37 Yes	0.46 Thermal Discharging	
SWN022	894	'430047327_/43109465'	0.4	1.13	3.33	0.15	0.27	1.45	0.46 Yes	0.15 Thermal Discharging	
SWN022	895	'2112220_/2112217'	0.5	1.23	3.33	0.15	0.1	1.44	0.46 Yes	0.1 Element Fault	
SWN022	896	'43106660_/43106662'	1.2	3.4	10	0.46	1.5	4.34	1.37 Yes	0.46 Thermal Discharging	
SWN022	897	'651482463_/7218608'	0.43	1.13	3.33	0.15	0.1	1.45	0.46 Yes	0.1 Element Fault	
SWN022	898	'52604186_/52604165'	0.2	1.43	3.33	0	0.9	1.47	0.6 Yes	0 Thermal Discharging	
SWN022	899	'7844659_/7844656_2'	0.43	1.17	3.33	0.15	0.2	1.45	0.46 Yes	0.15 Thermal Discharging	
SWN022	900	'2118493_/2118490_2'	0.47	1.17	3.33	0.15	0.2	1.44	0.46 Yes	0.15 Thermal Discharging	
SWN022	901	'2114253_/2114250'	0.43	1.13	3.33	0.15	0.1	1.44	0.46 Yes	0.1 Element Fault	
SWN022	902	'2117392_/2117389'	0.27	1.47	3.33	0	0.9	1.46	0.6 Yes	0 Thermal Discharging	
SWN022	903	'444637275_/444637272'	0.47	1.2	3.33	0.15	0.2	1.44	0.46 Yes	0.15 Thermal Discharging	
SWN022	904	'2117064_/2117074'	0.27	1.47	3.33	0	0.2	1.46	0.6 Yes	0 Thermal Discharging	
SWN022	905	'69168047_/69167882'	0.4	1.13	3.33	0.15	0.27	1.44	0.46 Yes	0.15 Thermal Discharging	
SWN022	906	'43106358_/43106360'	0.4	1.1	3.33	0.15	0.3	1.44	0.46 Yes	0.15 Thermal Discharging	
SWN022	907	'69168111_/69168094_1'	0.4	1.13	3.33	0.15	0.1	1.44	0.46 Yes	0.1 Element Fault	
SWN022	908	'7218611_/651482485'	0.4	1.13	3.33	0.15	0.1	1.44	0.46 Yes	0.1 Element Fault	
SWN022	909	'2114432_/43106743'	1.2	3.3	10	0.46	0.9	4.32	1.37 Yes	0.46 Thermal Discharging	
SWN022	910	'2112237_/2112234'	0.5	1.23	3.33	0.15	0.1	1.42	0.46 Yes	0.1 Element Fault	
SWN022	911	'69167868_/69168050'	0.4	1.13	3.33	0.15	0.27	1.44	0.46 Yes	0.15 Thermal Discharging	
SWN022	912	'1396969_/1396967'	0.1	1.27	3.33	0	0.2	1.49	0.6 Yes	0 Thermal Discharging	
SWN022	913	'43106672_/43106674'	0.8	2.2	6.67	0.3	1	2.87	0.91 Yes	0.3 Thermal Discharging	
SWN022	914	'529680861_/529680858'	0.4	1.13	3.33	0.15	0.27	1.44	0.46 Yes	0.15 Thermal Discharging	
SWN022	915	'8461644_/8461642_2'	0.8	2.2	6.67	0.3	0.3	2.87	0.91 Yes	0.3 Thermal Discharging	
SWN022	916	'2115754_/2115764'	0.4	1.1	3.33	0.15	0.1	1.44	0.46 Yes	0.1 Element Fault	
SWN022	917	'444637297_/444637294'	0.47	1.17	3.33	0.15	0.2	1.43	0.46 Yes	0.15 Thermal Discharging	
SWN022	918	'2114156_/2114168'	0.8	2.2	6.67	0.3	1	2.86	0.91 Yes	0.3 Thermal Discharging	
SWN022	919	'69167867_/2119282'	0.4	1.13	3.33	0.15	0.27	1.43	0.46 Yes	0.15 Thermal Discharging	
SWN022	920	'8167992_/8167989_2'	1.2	3.3	10	0.46	0.6	4.3	1.37 Yes	0.46 Thermal Discharging	
SWN022	921	'52604210_/52604189'	0.2	1.4	3.33	0	0.9	1.45	0.6 Yes	0 Thermal Discharging	
SWN022	922	'1392203_/1392304'	0.2	1.4	3.33	0	0.9	1.45	0.6 Yes	0 Thermal Discharging	
SWN022	923	'69168257_/8461660_1'	0.4	1.13	3.33	0.15	0.1	1.43	0.46 Yes	0.1 Element Fault	
SWN022	924	'2112254_/2112251'	0.5	1.23	3.33	0.15	0.1	1.41	0.46 Yes	0.1 Element Fault	
SWN022	925	'69168262_/61593709_2'	0.4	1.13	3.33	0.15	0.27	1.43	0.46 Yes	0.15 Thermal Discharging	
SWN022	926	'2124344_/2124341'	1.2	3.3	10	0.46	0.9	4.28	1.37 Yes	0.46 Thermal Discharging	
SWN022	927	'8168060_/8461610'	0.43	1.13	3.33	0.15	0.2	1.42	0.46 Yes	0.15 Thermal Discharging	
SWN022	928	'2124358_/2124356_1'	0.4	1.1	3.33	0.15	0.1	1.42	0.46 Yes	0.1 Element Fault	
SWN022	929	'108321229_/8461660_2'	0.4	1.13	3.33	0.15	0.1	1.42	0.46 Yes	0.1 Element Fault	
SWN022	930	'43106684_/2114153'	0.8	2.2	6.67	0.3	1	2.84	0.91 Yes	0.3 Thermal Discharging	
SWN022	931	'529680877_/529680874'	0.4	1.13	3.33	0.15	0.27	1.42	0.46 Yes	0.15 Thermal Discharging	
SWN022	932	'2113533_/2113543'	0.4	1.1	3.33	0.15	0.3	1.42	0.46 Yes	0.15 Thermal Discharging	
SWN022	933	'108321311_/108321322'	0.4	1.1	3.33	0.15	0.1	1.42	0.46 Yes	0.1 Element Fault	
SWN022	934	'2115555_/2115565'	0.43	1.17	3.33	0.15	0.2	1.42	0.46 Yes	0.15 Thermal Discharging	
SWN022	935	'1392651_/1392661'	0.2	1.4	3.33	0	0.2	1.44	0.6 Yes	0 Thermal Discharging	
SWN022	936	'2117405_/2117402'	0.23	1.4	3.33	0	0.9	1.43	0.6 Yes	0 Thermal Discharging	
SWN022	937	'108321264_/108321544'	0.4	1.1	3.33	0.15	0.1	1.42	0.46 Yes	0.1 Element Fault	
SWN022	938	'444637313_/444637310'	0.47	1.17	3.33	0.15	0.2	1.41	0.46 Yes	0.15 Thermal Discharging	
SWN022	939	'2117051_/2117061'	0.23	1.4	3.33	0	0.2	1.43	0.6 Yes	0 Thermal Discharging	
SWN022	940	'2112271_/2112268'	0.5	1.23	3.33	0.15	0.1	1.4	0.46 Yes	0.1 Element Fault	
SWN022	941	'2114266_/2114263'	0.4	1.1	3.33	0.15	0.1	1.41	0.46 Yes	0.1 Element Fault	
SWN022	942	'42988609_/42988611'	0.1	1.23	3.33	0	0.2	1.46	0.6 Yes	0 Thermal Discharging	
SWN022	943	'52604234_/52604213'	0.2	1.4	3.33	0	0.9	1.43	0.6 Yes	0 Thermal Discharging	
SWN022	944	'2114126_/2114138'	0.8	2.2	6.67	0.3	1	2.82	0.91 Yes	0.3 Thermal Discharging	
SWN022	945	'2114446_/2124356_2'	0.4	1.07	3.33	0.15	0.1	1.41	0.46 Yes	0.1 Element Fault	
SWN022	946	'494994567_/7218722'	0.43	1.13	3.33	0.15	0.2	1.4	0.46 Yes	0.15 Thermal Discharging	
SWN022	947	'43109695_/2124382'	1.2	3.2	10	0.46	0.9	4.22	1.37 Yes	0.46 Thermal Discharging	
SWN022	948	'2112288_/2112285'	0.5	1.23	3.33	0.15	0.1	1.39	0.46 Yes	0.1 Element Fault	
SWN022	949	'449991398_/444637326'	0.43	1.17	3.33	0.15	0.2	1.4	0.46 Yes	0.15 Thermal Discharging	
SWN022	950	'469692224_/469692221'	0.43	1.17	3.33	0.15	0.2	1.4	0.46 Yes	0.15 Thermal Discharging	
SWN022	951	'7218757_/7218770'	0.4	1.07	3.33	0.15	0.1	1.4	0.46 Yes	0.1 Element Fault	
SWN022	952	'43106696_/2114123'	0.8	2.13	6.67	0.3	1	2.8	0.91 Yes	0.3 Thermal Discharging	
SWN022	953	'2113532_/2113530'	0.37	1.07	3.33	0.15	0.3	1.4	0.46 Yes	0.15 Thermal Discharging	
SWN022	954	'69168087_/69168094_2'	0.37	1.1	3.33	0.15	0.1	1.4	0.46 Yes	0.1 Element Fault	
SWN022	955	'44068450_/44068438'	0.43	1.13	3.33	0.15	0.2	1.39	0.46 Yes	0.15 Thermal Discharging	
SWN022	956	'1396957_/1396954'	0.1	1.23	3.33	0	0.2	1.44	0.6 Yes	0 Thermal Discharging	
SWN022	957	'2115554_/2115552'	0.43	1.13	3.33	0.15	0.2	1.39	0.46 Yes	0.15 Thermal Discharging	
SWN022	958	'52604258_/52604237'	0.2	1.37	3.33	0	0.9	1.41	0.6 Yes	0 Thermal Discharging	
SWN022	959	'2114096_/2114108'	0.8	2.13	6.67	0.3	1	2.78	0.91 Yes	0.3 Thermal Discharging	
SWN022	960	'8461663_/108321269'	0.37	1.1	3.33	0.15	0.1	1.39	0.46 Yes	0.1 Element Fault	
SWN022	961	'345412118_/1392200'	0.2	1.33	3.33	0	0.9	1.41	0.6 Yes	0 Thermal Discharging	
SWN022	962	'38142953_/44068454'	0.43	1.13	3.33	0.15	0.2	1.39	0.46 Yes	0.15 Thermal Discharging	
SWN022	963	'2117418_/2117415'	0.23	1.37	3.33	0	0.9	1.4	0.6 Yes	0 Thermal Discharging	
SWN022	964	'2112305_/2112302'	0.5	1.23	3.33	0.15	0.1	1.37	0.46 Yes	0.1 Element Fault	
SWN022	965	'469692240_/469692237'	0.43	1.13	3.33	0.15	0.2	1.38	0.46 Yes	0.15 Thermal Discharging	
SWN022	966	'1392638_/1392648'	0.2	1.33	3.33	0	0.2	1.41	0.6 Yes	0 Thermal Discharging	
SWN022	967	'43109683_/43109697'	1.2	3.1	10	0.46	0.9	4.16	1.37 Yes	0.46 Thermal Discharging	
SWN022	968	'2111546_/2112359'	0.5	1.23	3.33	0.15	0.1	1.36	0.46 Yes	0.1 Element Fault	
SWN022	969	'2114447_/2114444'	0.4	1.07	3.33	0.15	0.1	1.38	0.46 Yes	0.1 Element Fault	
SWN022	970	'2114694_/2114692'	0.37	1.07	3.33	0.15	0.3	1.38	0.46 Yes	0.15 Thermal Discharging	
SWN022	971	'2114010_/2114093'	0.8	2.13	6.67	0.3	1	2.76	0.91 Yes	0.3 Thermal Discharging	
SWN022	972	'71234655_/71234666'	1.1	3.1	10	0.46	0.6	4.15	1.37 Yes	0.46 Thermal Discharging	
SWN022	973	'2114460_/2114457'	0.4	1.03	3.33	0.15	0.1	1.38	0.46 Yes	0.1 Element Fault	

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SWN022	974	'52604282_/_52604261'	0.2	1.33	3.33	0	0.9	1.39	0.6 Yes	0	Thermal Discharging
SWN022	975	'2111547_/_2111544'	0.5	1.23	3.33	0.15	0.1	1.36	0.46 Yes	0.1	Element Fault
SWN022	976	'469692256_/_469692253'	0.43	1.13	3.33	0.15	0.2	1.37	0.46 Yes	0.15	Thermal Discharging
SWN022	977	'2101794_/_2114007'	0.73	2.07	6.67	0.3	1	2.75	0.91 Yes	0.3	Thermal Discharging
SWN022	978	'61593702_/_61593709_1'	0.37	1.07	3.33	0.15	0.1	1.37	0.46 Yes	0.1	Element Fault
SWN022	979	'2111567_/_2111564'	0.5	1.23	3.33	0.15	0.1	1.35	0.46 Yes	0.1	Element Fault
SWN022	980	'2124329_/_43109685'	1.1	3.1	10	0.46	0.9	4.1	1.37 Yes	0.46	Thermal Discharging
SWN022	981	'2117038_/_2117048'	0.23	1.33	3.33	0	0.2	1.38	0.6 Yes	0	Thermal Discharging
SWN022	982	'2117431_/_2117428'	0.23	1.33	3.33	0	0.9	1.37	0.6 Yes	0	Thermal Discharging
SWN022	983	'69051031_/_2101791'	0.73	2.07	6.67	0.3	1	2.73	0.91 Yes	0.3	Thermal Discharging
SWN022	984	'2118973_/_2119054'	0.37	1.03	3.33	0.15	0.3	1.37	0.46 Yes	0.15	Thermal Discharging
SWN022	985	'69051046_/_7218656_1'	0.73	2.07	6.67	0.3	0.2	2.72	0.91 Yes	0.2	Element Fault
SWN022	986	'1392625_/_1392635'	0.2	1.3	3.33	0	0.2	1.38	0.6 Yes	0	Thermal Discharging
SWN022	987	'2118985_/_2118983'	0.37	1.03	3.33	0.15	0.1	1.36	0.46 Yes	0.1	Element Fault
SWN022	988	'7218692_/_7533916_1'	0.23	1.3	3.33	0	0.1	1.37	0.6 Yes	0	Thermal Discharging
SWN022	989	'52604306_/_52604285'	0.2	1.33	3.33	0	0.9	1.38	0.6 Yes	0	Thermal Discharging
SWN022	990	'43106730_/_2114470'	0.37	1.03	3.33	0.15	0.1	1.36	0.46 Yes	0.1	Element Fault
SWN022	991	'2111584_/_2111581'	0.5	1.23	3.33	0.15	0.1	1.34	0.46 Yes	0.1	Element Fault
SWN022	992	'52604422_/_52604397_1'	0.2	1.33	3.33	0	0.2	1.37	0.6 Yes	0	Thermal Discharging
SWN022	993	'2124768_/_2124778'	1.1	3	10	0.46	0.9	4.07	1.37 Yes	0.46	Thermal Discharging
SWN022	994	'7218725_/_494994585'	0.4	1.07	3.33	0.15	0.2	1.35	0.46 Yes	0.15	Thermal Discharging
SWN022	995	'38977443_/_7844688'	0.4	1.07	3.33	0.15	0.2	1.35	0.46 Yes	0.15	Thermal Discharging
SWN022	996	'7218821_/_7218818_2'	0.37	1	3.33	0.15	0.3	1.35	0.46 Yes	0.15	Thermal Discharging
SWN022	997	'2111601_/_2111598'	0.5	1.2	3.33	0.15	0.1	1.32	0.46 Yes	0.1	Element Fault
SWN022	998	'61593729_/_61593736'	0.37	1.03	3.33	0.15	0.1	1.35	0.46 Yes	0.1	Element Fault
SWN022	999	'7218659_/_7218656_2'	0.73	2.07	6.67	0.3	0.2	2.69	0.91 Yes	0.2	Element Fault
SWN022	1000	'2118960_/_2118970'	0.37	1.03	3.33	0.15	0.3	1.35	0.46 Yes	0.15	Thermal Discharging
SWN022	1001	'44093917_/_44093914'	0.4	1.07	3.33	0.15	0.2	1.34	0.46 Yes	0.15	Thermal Discharging
SWN022	1002	'2117444_/_2117441'	0.23	1.3	3.33	0	0.9	1.35	0.6 Yes	0	Thermal Discharging
SWN022	1003	'2116813_/_2117035'	0.23	1.3	3.33	0	0.2	1.35	0.6 Yes	0	Thermal Discharging
SWN022	1004	'2119012_/_2119041'	0.37	1.03	3.33	0.15	0.1	1.34	0.46 Yes	0.1	Element Fault
SWN022	1005	'1392612_/_1392622'	0.2	1.27	3.33	0	0.2	1.36	0.6 Yes	0	Thermal Discharging
SWN022	1006	'2111618_/_2111615'	0.5	1.2	3.33	0.15	0.1	1.31	0.46 Yes	0.1	Element Fault
SWN022	1007	'154654754_/_154654736'	0.23	1.27	3.33	0	0.2	1.35	0.6 Yes	0	Thermal Discharging
SWN022	1008	'2114486_/_43106732'	0.37	1	3.33	0.15	0.1	1.34	0.46 Yes	0.1	Element Fault
SWN022	1009	'7218820_/_7218818_1'	0.37	1	3.33	0.15	0.1	1.34	0.46 Yes	0.1	Element Fault
SWN022	1010	'52604334_/_52604397_2'	0.2	1.3	3.33	0	0.2	1.35	0.6 Yes	0	Thermal Discharging
SWN022	1011	'7133003_/_7133000'	1.1	3	10	0.46	0.9	4.01	1.37 Yes	0.46	Thermal Discharging
SWN022	1012	'52984152_/_52984112_1'	1.1	3	10	0.46	0.5	4.01	1.37 Yes	0.46	Thermal Discharging
SWN022	1013	'61593749_/_61593753'	0.37	1.03	3.33	0.15	0.1	1.33	0.46 Yes	0.1	Element Fault
SWN022	1014	'2114360_/_2114496'	0.37	1	3.33	0.15	0.1	1.33	0.46 Yes	0.1	Element Fault
SWN022	1015	'2111635_/_2111632'	0.47	1.2	3.33	0.15	0.1	1.3	0.46 Yes	0.1	Element Fault
SWN022	1016	'2118947_/_2118957'	0.37	1	3.33	0.15	0.3	1.33	0.46 Yes	0.15	Thermal Discharging
SWN022	1017	'8794279_/_71234690'	0.33	1	3.33	0.15	0.2	1.33	0.46 Yes	0.15	Thermal Discharging
SWN022	1018	'2124798_/_2124809'	0.37	1	3.33	0.15	0.3	1.33	0.46 Yes	0.15	Thermal Discharging
SWN022	1019	'141693758_/_154654756'	0.23	1.27	3.33	0	0.2	1.33	0.6 Yes	0	Thermal Discharging
SWN022	1020	'2117012_/_2117022'	0.23	1.27	3.33	0	0.2	1.33	0.6 Yes	0	Thermal Discharging
SWN022	1021	'7133021_/_43109782_1'	0.37	0.97	3.33	0.15	0.1	1.32	0.46 Yes	0.1	Element Fault
SWN022	1022	'9112239_/_9112237'	0.23	1.23	3.33	0	0.1	1.33	0.6 Yes	0	Thermal Discharging
SWN022	1023	'7218693_/_7218690'	0.23	1.23	3.33	0	0.1	1.33	0.6 Yes	0	Thermal Discharging
SWN022	1024	'2117457_/_2117454'	0.2	1.27	3.33	0	0.9	1.33	0.6 Yes	0	Thermal Discharging
SWN022	1025	'2111652_/_2111649'	0.47	1.2	3.33	0.15	0.1	1.29	0.46 Yes	0.1	Element Fault
SWN022	1026	'2118999_/_2119009'	0.33	1	3.33	0.15	0.1	1.32	0.46 Yes	0.1	Element Fault
SWN022	1027	'52984016_/_52984112_2'	1.1	2.9	10	0.46	0.5	3.96	1.37 Yes	0.46	Thermal Discharging
SWN022	1028	'52983977_/_52984013'	1.1	2.9	10	0.46	0.5	3.96	1.37 Yes	0.46	Thermal Discharging
SWN022	1029	'52983978_/_52983975'	1.1	2.9	10	0.46	0.5	3.96	1.37 Yes	0.46	Thermal Discharging
SWN022	1030	'52984003_/_52984007'	1.1	2.9	10	0.46	0.5	3.96	1.37 Yes	0.46	Thermal Discharging
SWN022	1031	'52983992_/_52983989'	1.1	2.9	10	0.46	0.5	3.96	1.37 Yes	0.46	Thermal Discharging
SWN022	1032	'7218788_/_8461726'	0.37	0.97	3.33	0.15	0.1	1.32	0.46 Yes	0.1	Element Fault
SWN022	1033	'43109769_/_2124796'	0.37	0.97	3.33	0.15	0.3	1.32	0.46 Yes	0.15	Thermal Discharging
SWN022	1034	'2124799_/_8794292_1'	0.37	0.97	3.33	0.15	0.1	1.31	0.46 Yes	0.1	Element Fault
SWN022	1035	'1392599_/_1392609'	0.17	1.23	3.33	0	0.2	1.33	0.6 Yes	0	Thermal Discharging
SWN022	1036	'7844770_/_8794292_2'	0.37	0.97	3.33	0.15	0.1	1.31	0.46 Yes	0.1	Element Fault
SWN022	1037	'2111669_/_2111666'	0.47	1.2	3.33	0.15	0.1	1.28	0.46 Yes	0.1	Element Fault
SWN022	1038	'2118934_/_2118944'	0.33	1	3.33	0.15	0.3	1.31	0.46 Yes	0.15	Thermal Discharging
SWN022	1039	'2114359_/_2114357'	0.37	0.97	3.33	0.15	0.1	1.31	0.46 Yes	0.1	Element Fault
SWN022	1040	'68605623_/_68605630'	0.33	1	3.33	0.15	0.1	1.31	0.46 Yes	0.1	Element Fault
SWN022	1041	'2116999_/_2117009'	0.23	1.23	3.33	0	0.2	1.31	0.6 Yes	0	Thermal Discharging
SWN022	1042	'52984105_/_9112285'	0.37	0.97	3.33	0.15	0.17	1.3	0.46 Yes	0.15	Thermal Discharging
SWN022	1043	'2111686_/_2111683'	0.47	1.2	3.33	0.15	0.1	1.27	0.46 Yes	0.1	Element Fault
SWN022	1044	'2118998_/_2118996'	0.33	1	3.33	0.15	0.1	1.3	0.46 Yes	0.1	Element Fault
SWN022	1045	'43107909_/_2119025'	0.33	0.97	3.33	0.15	0.1	1.3	0.46 Yes	0.1	Element Fault
SWN022	1046	'52984190_/_52984197'	1	2.9	10	0.46	0.5	3.9	1.37 Yes	0.46	Thermal Discharging
SWN022	1047	'2117470_/_2117467'	0.2	1.23	3.33	0	0.9	1.31	0.6 Yes	0	Thermal Discharging
SWN022	1048	'7133035_/_43109782_2'	0.33	0.97	3.33	0.15	0.1	1.3	0.46 Yes	0.1	Element Fault
SWN022	1049	'2119028_/_43107911'	0.33	0.97	3.33	0.15	0.1	1.3	0.46 Yes	0.1	Element Fault
SWN022	1050	'51665974_/_51665978'	1	2.9	10	0.46	0.5	3.89	1.37 Yes	0.46	Thermal Discharging
SWN022	1051	'68605647_/_68605654'	0.33	1	3.33	0.15	0.1	1.29	0.46 Yes	0.1	Element Fault
SWN022	1052	'2114347_/_2114847'	0.33	0.97	3.33	0.15	0.1	1.29	0.46 Yes	0.1	Element Fault
SWN022	1053	'2118933_/_2118931'	0.33	0.97	3.33	0.15	0.3	1.29	0.46 Yes	0.15	Thermal Discharging
SWN022	1054	'2111703_/_2111700'	0.47	1.2	3.33	0.15	0.1	1.26	0.46 Yes	0.1	Element Fault
SWN022	1055	'7844771_/_7844768'	0.33	0.97	3.33	0.15	0.1	1.29	0.46 Yes	0.1	Element Fault
SWN022	1056	'1392586_/_1392596'	0.17	1.2	3.33	0	0.2	1.3	0.6 Yes	0	Thermal Discharging
SWN022	1057	'2114512_/_2114522'	0.33	0.97	3.33	0.15	0.1	1.29	0.46 Yes	0.1	Element Fault
SWN022	1058	'2116986_/_2116996'	0.2	1.2	3.33	0	0.2	1.29	0.6 Yes	0	Thermal Discharging
SWN022	1059	'2114334_/_2114344'	0.33	0.97	3.33	0.15	0.1	1.28	0.46 Yes	0.1	Element Fault
SWN022	1060	'2111720_/_2111717'	0.47	1.2	3.33	0.15	0.1	1.25	0.46 Yes	0.1	Element Fault
SWN022	1061	'2118824_/_2119067'	0.33	0.97	3.33	0.15	0.3	1.28	0.46 Yes	0.15	Thermal Discharging
SWN022	1062	'7844738_/_7218786'	0.33	0.93	3.33	0.15	0.1	1.28	0.46 Yes	0.1	Element Fault
SWN022	1063	'51665996_/_51666003'	1	2.8	10	0.46	0.5	3.85	1.37 Yes	0.46	Thermal Discharging
SWN022	1064	'43106719_/_43106721'	0.33	0.97	3.33	0.15	0.1	1.28	0.46 Yes	0.1	Element Fault
SWN022	1065	'9112223_/_9425334'	0.2	1.17	3.33	0	0.1	1.29	0.6 Yes	0	Thermal Discharging
SWN022	1066	'2117483_/_2117480'	0.2	1.2	3.33	0	0.9	1.28	0.6 Yes	0	Thermal Discharging
SWN022	1067	'64453199_/_51666028'	1	2.8	10	0.46	0.5	3.83	1.37 Yes	0.46	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SWN022	1068	'2111737_/_2111734'		0.47	1.2	3.33	0.15	0.1	1.24	0.46 Yes	0.1 Element Fault
SWN022	1069	'8794177_/_8794174'		0.33	0.93	3.33	0.15	0.1	1.27	0.46 Yes	0.1 Element Fault
SWN022	1070	'1392128_/_9102477'		0.07	1.03	3.33	0	0.3	1.31	0.6 Yes	0 Thermal Discharging
SWN022	1071	'8466561_/_8466559_2'		0.07	1.03	3.33	0	0.3	1.31	0.6 Yes	0 Thermal Discharging
SWN022	1072	'2111757_/_2111754'		0.47	1.2	3.33	0.15	0.1	1.24	0.46 Yes	0.1 Element Fault
SWN022	1073	'2114292_/_2114331'		0.33	0.93	3.33	0.15	0.1	1.26	0.46 Yes	0.1 Element Fault
SWN022	1074	'2119171_/_2119169'		0.33	0.93	3.33	0.15	0.1	1.26	0.46 Yes	0.1 Element Fault
SWN022	1075	'2111774_/_2111771'		0.47	1.2	3.33	0.15	0.1	1.23	0.46 Yes	0.1 Element Fault
SWN022	1076	'1392573_/_1392583'		0.17	1.17	3.33	0	0.2	1.28	0.6 Yes	0 Thermal Discharging
SWN022	1077	'2111995_/_2112008_1'		0.47	1.17	3.33	0.15	0.1	1.23	0.46 Yes	0.1 Element Fault
SWN022	1078	'2116800_/_2116983'		0.2	1.17	3.33	0	0.2	1.27	0.6 Yes	0 Thermal Discharging
SWN022	1079	'7218853_/_8794356_1'		0.33	0.93	3.33	0.15	0.1	1.26	0.46 Yes	0.1 Element Fault
SWN022	1080	'7534040_/_7844736'		0.33	0.93	3.33	0.15	0.1	1.26	0.46 Yes	0.1 Element Fault
SWN022	1081	'2111791_/_2111788'		0.47	1.2	3.33	0.15	0.1	1.23	0.46 Yes	0.1 Element Fault
SWN022	1082	'2116801_/_2118291_1'		0.2	1.17	3.33	0	0.2	1.27	0.6 Yes	0 Thermal Discharging
SWN022	1083	'2111808_/_2111805'		0.47	1.2	3.33	0.15	0.1	1.23	0.46 Yes	0.1 Element Fault
SWN022	1084	'2118811_/_2118821'		0.33	0.97	3.33	0.15	0.3	1.26	0.46 Yes	0.15 Thermal Discharging
SWN022	1085	'444637061_/_444637081'		0.2	1.17	3.33	0	0.2	1.27	0.6 Yes	0 Thermal Discharging
SWN022	1086	'2117496_/_2117493'		0.2	1.17	3.33	0	0.9	1.26	0.6 Yes	0 Thermal Discharging
SWN022	1087	'8794359_/_8794356_2'		0.33	0.93	3.33	0.15	0.1	1.26	0.46 Yes	0.1 Element Fault
SWN022	1088	'7534041_/_7534038'		0.33	0.93	3.33	0.15	0.1	1.26	0.46 Yes	0.1 Element Fault
SWN022	1089	'2111825_/_2111822'		0.47	1.17	3.33	0.15	0.1	1.23	0.46 Yes	0.1 Element Fault
SWN022	1090	'2112024_/_2112034_1'		0.47	1.17	3.33	0.15	0.1	1.23	0.46 Yes	0.1 Element Fault
SWN022	1091	'2114308_/_2114305'		0.33	0.93	3.33	0.15	0.1	1.25	0.46 Yes	0.1 Element Fault
SWN022	1092	'43106708_/_43106710'		0.33	0.93	3.33	0.15	0.1	1.25	0.46 Yes	0.1 Element Fault
SWN022	1093	'8461628_/_9112221'		0.2	1.13	3.33	0	0.1	1.26	0.6 Yes	0 Thermal Discharging
SWN022	1094	'2111842_/_2111839'		0.47	1.17	3.33	0.15	0.1	1.22	0.46 Yes	0.1 Element Fault
SWN022	1095	'68605779_/_68605786'		0.3	0.93	3.33	0.15	0.1	1.25	0.46 Yes	0.1 Element Fault
SWN022	1096	'444636892_/_444637059'		0.2	1.17	3.33	0	0.2	1.25	0.6 Yes	0 Thermal Discharging
SWN022	1097	'2116761_/_2116772_2'		0.2	1.17	3.33	0	0.2	1.25	0.6 Yes	0 Thermal Discharging
SWN022	1098	'1392129_/_1392126'		0.07	1	3.33	0	0.3	1.29	0.6 Yes	0 Thermal Discharging
SWN022	1099	'2111859_/_2111856'		0.47	1.17	3.33	0.15	0.1	1.21	0.46 Yes	0.1 Element Fault
SWN022	1100	'2114321_/_2114318'		0.33	0.93	3.33	0.15	0.1	1.24	0.46 Yes	0.1 Element Fault
SWN022	1101	'2114278_/_2114276'		0.33	0.93	3.33	0.15	0.1	1.24	0.46 Yes	0.1 Element Fault
SWN022	1102	'555713190_/_555713206'		1	2.7	10	0.46	0.5	3.74	1.37 Yes	0.46 Thermal Discharging
SWN022	1103	'2111876_/_2111873'		0.47	1.17	3.33	0.15	0.1	1.21	0.46 Yes	0.1 Element Fault
SWN022	1104	'9112288_/_52984061'		0.67	1.8	6.67	0.3	0.33	2.49	0.91 Yes	0.3 Thermal Discharging
SWN022	1105	'2118294_/_2118291_2'		0.2	1.13	3.33	0	0.2	1.25	0.6 Yes	0 Thermal Discharging
SWN022	1106	'2112053_/_2112066_1'		0.47	1.17	3.33	0.15	0.1	1.21	0.46 Yes	0.1 Element Fault
SWN022	1107	'1392559_/_1392570'		0.17	1.13	3.33	0	0.2	1.25	0.6 Yes	0 Thermal Discharging
SWN022	1108	'2118797_/_2118808'		0.3	0.93	3.33	0.15	0.3	1.24	0.46 Yes	0.15 Thermal Discharging
SWN022	1109	'2117639_/_2117636'		0.2	1.13	3.33	0	0.9	1.24	0.6 Yes	0 Thermal Discharging
SWN022	1110	'2112011_/_2112008_2'		0.43	1.13	3.33	0.15	0.1	1.21	0.46 Yes	0.1 Element Fault
SWN022	1111	'8794311_/_8794308'		0.33	0.9	3.33	0.15	0.1	1.24	0.46 Yes	0.1 Element Fault
SWN022	1112	'2118626_/_2118795'		0.3	0.93	3.33	0.15	0.3	1.24	0.46 Yes	0.15 Thermal Discharging
SWN022	1113	'2117509_/_2117506'		0.2	1.13	3.33	0	0.9	1.24	0.6 Yes	0 Thermal Discharging
SWN022	1114	'8461629_/_8461626'		0.2	1.13	3.33	0	0.1	1.24	0.6 Yes	0 Thermal Discharging
SWN022	1115	'2111893_/_2111890'		0.47	1.17	3.33	0.15	0.1	1.21	0.46 Yes	0.1 Element Fault
SWN022	1116	'2116774_/_2116772_1'		0.2	1.13	3.33	0	0.1	1.24	0.6 Yes	0 Thermal Discharging
SWN022	1117	'2111910_/_2111907'		0.47	1.17	3.33	0.15	0.1	1.2	0.46 Yes	0.1 Element Fault
SWN022	1118	'2112037_/_2112034_2'		0.43	1.13	3.33	0.15	0.1	1.2	0.46 Yes	0.1 Element Fault
SWN022	1119	'2112069_/_2112066_2'		0.43	1.17	3.33	0.15	0.1	1.2	0.46 Yes	0.1 Element Fault
SWN022	1120	'68605943_/_68605950'		0.3	0.93	3.33	0.15	0.1	1.23	0.46 Yes	0.1 Element Fault
SWN022	1121	'43106334_/_2112163'		0.47	1.17	3.33	0.15	0.1	1.2	0.46 Yes	0.1 Element Fault
SWN022	1122	'118459291_/_118459299'		0.3	0.9	3.33	0.15	0.1	1.23	0.46 Yes	0.1 Element Fault
SWN022	1123	'2118613_/_2118623'		0.3	0.93	3.33	0.15	0.1	1.22	0.46 Yes	0.1 Element Fault
SWN022	1124	'2111927_/_43106336'		0.43	1.17	3.33	0.15	0.1	1.19	0.46 Yes	0.1 Element Fault
SWN022	1125	'2112095_/_2112108_1'		0.43	1.17	3.33	0.15	0.1	1.19	0.46 Yes	0.1 Element Fault
SWN022	1126	'43106985_/_2117623'		0.2	1.1	3.33	0	0.9	1.22	0.6 Yes	0 Thermal Discharging
SWN022	1127	'589895760_/_1392687'		0.17	1.1	3.33	0	0.2	1.23	0.6 Yes	0 Thermal Discharging
SWN022	1128	'2116788_/_2116785'		0.2	1.1	3.33	0	0.1	1.22	0.6 Yes	0 Thermal Discharging
SWN022	1129	'2111944_/_2111941'		0.43	1.17	3.33	0.15	0.1	1.18	0.46 Yes	0.1 Element Fault
SWN022	1130	'2112137_/_43106349_1'		0.43	1.17	3.33	0.15	0.1	1.18	0.46 Yes	0.1 Element Fault
SWN022	1131	'2112111_/_2112108_2'		0.43	1.17	3.33	0.15	0.1	1.18	0.46 Yes	0.1 Element Fault
SWN022	1132	'2112082_/_2112079'		0.43	1.13	3.33	0.15	0.1	1.18	0.46 Yes	0.1 Element Fault
SWN022	1133	'2112153_/_43106349_2'		0.43	1.17	3.33	0.15	0.1	1.17	0.46 Yes	0.1 Element Fault
SWN022	1134	'2111961_/_2111958'		0.43	1.17	3.33	0.15	0.1	1.17	0.46 Yes	0.1 Element Fault
SWN022	1135	'118459340_/_118459351'		0.3	0.87	3.33	0.15	0.1	1.21	0.46 Yes	0.1 Element Fault
SWN022	1136	'68606052_/_68606059'		0.3	0.9	3.33	0.15	0.1	1.2	0.46 Yes	0.1 Element Fault
SWN022	1137	'2118600_/_2118610'		0.3	0.9	3.33	0.15	0.1	1.2	0.46 Yes	0.1 Element Fault
SWN022	1138	'2117522_/_43106987'		0.2	1.1	3.33	0	0.9	1.2	0.6 Yes	0 Thermal Discharging
SWN022	1139	'2111978_/_2111975'		0.43	1.17	3.33	0.15	0.1	1.17	0.46 Yes	0.1 Element Fault
SWN022	1140	'1392534_/_1392544'		0.17	1.07	3.33	0	0.2	1.21	0.6 Yes	0 Thermal Discharging
SWN022	1141	'2112124_/_2112121'		0.43	1.13	3.33	0.15	0.1	1.16	0.46 Yes	0.1 Element Fault
SWN022	1142	'2111529_/_2112180'		0.43	1.17	3.33	0.15	0.1	1.16	0.46 Yes	0.1 Element Fault
SWN022	1143	'68606516_/_68606520'		0.3	0.9	3.33	0.15	0.1	1.19	0.46 Yes	0.1 Element Fault
SWN022	1144	'2118587_/_2118597'		0.3	0.9	3.33	0.15	0.1	1.18	0.46 Yes	0.1 Element Fault
SWN022	1145	'2110948_/_2111527'		0.43	1.17	3.33	0.15	0.1	1.15	0.46 Yes	0.1 Element Fault
SWN022	1146	'2117535_/_2117532'		0.17	1.07	3.33	0	0.9	1.19	0.6 Yes	0 Thermal Discharging
SWN022	1147	'122965732_/_122965741'		0.3	0.83	3.33	0.15	0.1	1.18	0.46 Yes	0.1 Element Fault
SWN022	1148	'1392521_/_1392531'		0.17	1.07	3.33	0	0.2	1.18	0.6 Yes	0 Thermal Discharging
SWN022	1149	'2110949_/_2110946'		0.43	1.17	3.33	0.15	0.1	1.14	0.46 Yes	0.1 Element Fault
SWN022	1150	'2118574_/_2118584'		0.3	0.87	3.33	0.15	0.1	1.16	0.46 Yes	0.1 Element Fault
SWN022	1151	'2110966_/_2110963'		0.43	1.17	3.33	0.15	0.1	1.13	0.46 Yes	0.1 Element Fault
SWN022	1152	'2117548_/_2117545'		0.17	1.03	3.33	0	0.9	1.17	0.6 Yes	0 Thermal Discharging
SWN022	1153	'2110983_/_2110980'		0.43	1.17	3.33	0.15	0.1	1.12	0.46 Yes	0.1 Element Fault
SWN022	1154	'2111464_/_2111462'		0.43	1.13	3.33	0.15	0.1	1.12	0.46 Yes	0.1 Element Fault
SWN022	1155	'1392508_/_1392518'		0.13	1.03	3.33	0	0.2	1.16	0.6 Yes	0 Thermal Discharging
SWN022	1156	'2118573_/_2118571'		0.27	0.87	3.33	0.15	0.1	1.15	0.46 Yes	0.1 Element Fault
SWN022	1157	'1397012_/_8466559_1'		0.07	0.9	3.33	0	0.1	1.19	0.6 Yes	0 Thermal Discharging
SWN022	1158	'1397011_/_1397009'		0.07	0.9	3.33	0	0.1	1.18	0.6 Yes	0 Thermal Discharging
SWN022	1159	'2111000_/_2110997'		0.43	1.13	3.33	0.15	0.1	1.12	0.46 Yes	0.1 Element Fault
SWN022	1160	'2111478_/_2111475'		0.43	1.13	3.33	0.15	0.1	1.12	0.46 Yes	0.1 Element Fault
SWN022	1161	'2111490_/_2111514'		0.43	1.13	3.33	0.15	0.1	1.11	0.46 Yes	0.1 Element Fault

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Over- Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SWN022	1162	'122965776_/122965787'		0.3	0.83	3.33	0.15	0.1	1.15	0.46 Yes	0.1 Element Fault
SWN022	1163	'2117561_/2117558'		0.17	1.03	3.33	0	0.9	1.15	0.6 Yes	0 Thermal Discharging
SWN022	1164	'2111017_/2111014'		0.43	1.13	3.33	0.15	0.1	1.11	0.46 Yes	0.1 Element Fault
SWN022	1165	'2111034_/2111031'		0.43	1.13	3.33	0.15	0.1	1.11	0.46 Yes	0.1 Element Fault
SWN022	1166	'2111051_/2111048'		0.43	1.13	3.33	0.15	0.1	1.1	0.46 Yes	0.1 Element Fault
SWN022	1167	'2118908_/2118918'		0.27	0.83	3.33	0.15	0.1	1.14	0.46 Yes	0.1 Element Fault
SWN022	1168	'2111068_/2111065'		0.43	1.13	3.33	0.15	0.1	1.1	0.46 Yes	0.1 Element Fault
SWN022	1169	'1392495_/1392505'		0.13	1	3.33	0	0.2	1.14	0.6 Yes	0 Thermal Discharging
SWN022	1170	'2111085_/2111082'		0.43	1.13	3.33	0.15	0.1	1.1	0.46 Yes	0.1 Element Fault
SWN022	1171	'43106310_/2111501'		0.4	1.1	3.33	0.15	0.1	1.1	0.46 Yes	0.1 Element Fault
SWN022	1172	'2117574_/2117571'		0.17	1	3.33	0	0.9	1.13	0.6 Yes	0 Thermal Discharging
SWN022	1173	'2111102_/2111099'		0.43	1.13	3.33	0.15	0.1	1.09	0.46 Yes	0.1 Element Fault
SWN022	1174	'2111397_/2111407_1'		0.43	1.13	3.33	0.15	0.1	1.09	0.46 Yes	0.1 Element Fault
SWN022	1175	'2111439_/2111488'		0.4	1.1	3.33	0.15	0.1	1.1	0.46 Yes	0.1 Element Fault
SWN022	1176	'2111504_/43106312'		0.4	1.1	3.33	0.15	0.1	1.1	0.46 Yes	0.1 Element Fault
SWN022	1177	'2118892_/2118905'		0.27	0.83	3.33	0.15	0.1	1.13	0.46 Yes	0.1 Element Fault
SWN022	1178	'122965816_/122965801_1'		0.27	0.8	3.33	0.15	0.1	1.13	0.46 Yes	0.1 Element Fault
SWN022	1179	'2111119_/2111116'		0.43	1.13	3.33	0.15	0.1	1.09	0.46 Yes	0.1 Element Fault
SWN022	1180	'43106321_/2111133'		0.43	1.13	3.33	0.15	0.1	1.08	0.46 Yes	0.1 Element Fault
SWN022	1181	'43107887_/43107889'		0.27	0.83	3.33	0.15	0.1	1.11	0.46 Yes	0.1 Element Fault
SWN022	1182	'1392482_/1392492'		0.13	0.97	3.33	0	0.2	1.12	0.6 Yes	0 Thermal Discharging
SWN022	1183	'2117587_/2117584'		0.17	0.97	3.33	0	0.9	1.12	0.6 Yes	0 Thermal Discharging
SWN022	1184	'589895856_/589895824_1'		0.13	0.97	3.33	0	0.2	1.12	0.6 Yes	0 Thermal Discharging
SWN022	1185	'43106299_/43106301'		0.4	1.07	3.33	0.15	0.1	1.08	0.46 Yes	0.1 Element Fault
SWN022	1186	'2111425_/2111436'		0.4	1.07	3.33	0.15	0.1	1.08	0.46 Yes	0.1 Element Fault
SWN022	1187	'2111410_/2111407_2'		0.4	1.1	3.33	0.15	0.1	1.08	0.46 Yes	0.1 Element Fault
SWN022	1188	'1392440_/1392479'		0.13	0.97	3.33	0	0.2	1.11	0.6 Yes	0 Thermal Discharging
SWN022	1189	'589895827_/589895824_2'		0.13	0.97	3.33	0	0.2	1.11	0.6 Yes	0 Thermal Discharging
SWN022	1190	'2111452_/2111449'		0.4	1.07	3.33	0.15	0.1	1.07	0.46 Yes	0.1 Element Fault
SWN022	1191	'2118866_/2118876'		0.27	0.8	3.33	0.15	0.1	1.1	0.46 Yes	0.1 Element Fault
SWN022	1192	'2113443_/2113494'		0.4	1.07	3.33	0.15	0.1	1.07	0.46 Yes	0.1 Element Fault
SWN022	1193	'2117600_/2117597'		0.17	0.97	3.33	0	0.9	1.1	0.6 Yes	0 Thermal Discharging
SWN022	1194	'2111426_/2111423'		0.37	1.03	3.33	0.15	0.1	1.07	0.46 Yes	0.1 Element Fault
SWN022	1195	'1392427_/1392437'		0.13	0.97	3.33	0	0.2	1.1	0.6 Yes	0 Thermal Discharging
SWN022	1196	'2113444_/2113441'		0.37	1.03	3.33	0.15	0.1	1.06	0.46 Yes	0.1 Element Fault
SWN022	1197	'2118853_/2118863'		0.27	0.8	3.33	0.15	0.1	1.09	0.46 Yes	0.1 Element Fault
SWN022	1198	'2117613_/2117610'		0.17	0.93	3.33	0	0.9	1.09	0.6 Yes	0 Thermal Discharging
SWN022	1199	'111109791_/111109788'		0.37	1.03	3.33	0.15	0.1	1.05	0.46 Yes	0.1 Element Fault
SWN022	1200	'1392414_/1392424'		0.13	0.93	3.33	0	0.2	1.08	0.6 Yes	0 Thermal Discharging
SWN022	1201	'2118840_/2118850'		0.27	0.8	3.33	0.15	0.1	1.07	0.46 Yes	0.1 Element Fault
SWN022	1202	'2101653_/2118424'		0.17	0.93	3.33	0	0.9	1.07	0.6 Yes	0 Thermal Discharging
SWN022	1203	'111109798_/111109795'		0.37	1	3.33	0.15	0.1	1.04	0.46 Yes	0.1 Element Fault
SWN022	1204	'1392413_/1392411'		0.13	0.93	3.33	0	0.2	1.07	0.6 Yes	0 Thermal Discharging
SWN022	1205	'2118704_/2118837'		0.27	0.77	3.33	0.15	0.1	1.06	0.46 Yes	0.1 Element Fault
SWN022	1206	'1392398_/1392395_2'		0.13	0.93	3.33	0	0.2	1.07	0.6 Yes	0 Thermal Discharging
SWN022	1207	'2101654_/2101651'		0.17	0.9	3.33	0	0.9	1.06	0.6 Yes	0 Thermal Discharging
SWN022	1208	'1392385_/1392395_1'		0.13	0.93	3.33	0	0.2	1.06	0.6 Yes	0 Thermal Discharging
SWN022	1209	'1392372_/1392382'		0.13	0.93	3.33	0	0.2	1.05	0.6 Yes	0 Thermal Discharging
SWN022	1210	'2118691_/2118701'		0.23	0.77	3.33	0.15	0.1	1.05	0.46 Yes	0.1 Element Fault
SWN022	1211	'111109805_/111109802'		0.33	0.97	3.33	0.15	0.1	1.02	0.46 Yes	0.1 Element Fault
SWN022	1212	'1394440_/1394450'		0.13	0.9	3.33	0	0.2	1.05	0.6 Yes	0 Thermal Discharging
SWN022	1213	'1392359_/1392369'		0.13	0.93	3.33	0	0.2	1.05	0.6 Yes	0 Thermal Discharging
SWN022	1214	'589895972_/1394437_2'		0.13	0.9	3.33	0	0.2	1.05	0.6 Yes	0 Thermal Discharging
SWN022	1215	'1392346_/1392356'		0.13	0.93	3.33	0	0.2	1.05	0.6 Yes	0 Thermal Discharging
SWN022	1216	'2101667_/2101664'		0.17	0.9	3.33	0	0.9	1.04	0.6 Yes	0 Thermal Discharging
SWN022	1217	'1392333_/1392343'		0.13	0.93	3.33	0	0.2	1.04	0.6 Yes	0 Thermal Discharging
SWN022	1218	'2118678_/2118688'		0.23	0.77	3.33	0.15	0.1	1.03	0.46 Yes	0.1 Element Fault
SWN022	1219	'1392320_/1392330'		0.13	0.93	3.33	0	0.2	1.04	0.6 Yes	0 Thermal Discharging
SWN022	1220	'42984398_/1394437_1'		0.13	0.9	3.33	0	0.2	1.04	0.6 Yes	0 Thermal Discharging
SWN022	1221	'1396995_/7204000'		0.07	0.8	3.33	0	0.1	1.06	0.6 Yes	0 Thermal Discharging
SWN022	1222	'42988598_/1396993'		0.07	0.8	3.33	0	0.1	1.06	0.6 Yes	0 Thermal Discharging
SWN022	1223	'1396996_/42988600'		0.07	0.8	3.33	0	0.1	1.06	0.6 Yes	0 Thermal Discharging
SWN022	1224	'1392319_/1392317'		0.13	0.93	3.33	0	0.2	1.03	0.6 Yes	0 Thermal Discharging
SWN022	1225	'151093702_/151093713'		0.13	0.93	3.33	0	0.2	1.03	0.6 Yes	0 Thermal Discharging
SWN022	1226	'1396080_/42984389'		0.13	0.93	3.33	0	0.2	1.03	0.6 Yes	0 Thermal Discharging
SWN022	1227	'2101680_/2101677'		0.13	0.87	3.33	0	0.9	1.03	0.6 Yes	0 Thermal Discharging
SWN022	1228	'2118665_/2118675'		0.23	0.73	3.33	0.15	0.1	1.02	0.46 Yes	0.1 Element Fault
SWN022	1229	'1394414_/1394424'		0.13	0.87	3.33	0	0.2	1.03	0.6 Yes	0 Thermal Discharging
SWN022	1230	'42994174_/1396874'		0.13	0.9	3.33	0	0.2	1.01	0.6 Yes	0 Thermal Discharging
SWN022	1231	'2101693_/2101690'		0.13	0.87	3.33	0	0.9	1.01	0.6 Yes	0 Thermal Discharging
SWN022	1232	'2118652_/2118662'		0.23	0.73	3.33	0.15	0.1	1.01	0.46 Yes	0.1 Element Fault
SWN022	1233	'7203987_/7203984'		0.07	0.77	3.33	0	0.1	1.03	0.6 Yes	0 Thermal Discharging
SWN022	1234	'1394401_/1394411'		0.13	0.87	3.33	0	0.2	1.01	0.6 Yes	0 Thermal Discharging
SWN022	1235	'2118639_/2118649'		0.23	0.73	3.33	0.15	0.1	1	0.46 Yes	0.1 Element Fault
SWN022	1236	'1394517_/42994176'		0.13	0.9	3.33	0	0.2	1	0.6 Yes	0 Thermal Discharging
SWN022	1237	'2118638_/2118636'		0.23	0.73	3.33	0.15	0.1	1	0.46 Yes	0.1 Element Fault
SWN022	1238	'2101495_/2101703'		0.13	0.83	3.33	0	0.9	1	0.6 Yes	0 Thermal Discharging
SWN022	1239	'1394388_/1394398'		0.13	0.83	3.33	0	0.2	1	0.6 Yes	0 Thermal Discharging
SWN022	1240	'2101520_/2101622'		0.13	0.83	3.33	0	0.9	1	0.6 Yes	0 Thermal Discharging
SWN022	1241	'1394518_/1394515'		0.13	0.87	3.33	0	0.2	0.99	0.6 Yes	0 Thermal Discharging
SWN022	1242	'2118717_/2118727'		0.23	0.73	3.33	0.15	0.1	0.99	0.46 Yes	0.1 Element Fault
SWN022	1243	'2101521_/2101518'		0.13	0.83	3.33	0	0.2	0.99	0.6 Yes	0 Thermal Discharging
SWN022	1244	'2101482_/2101492'		0.13	0.83	3.33	0	0.9	0.99	0.6 Yes	0 Thermal Discharging
SWN022	1245	'1394375_/1394385'		0.13	0.83	3.33	0	0.2	0.99	0.6 Yes	0 Thermal Discharging
SWN022	1246	'1394531_/1394528'		0.13	0.87	3.33	0	0.2	0.98	0.6 Yes	0 Thermal Discharging
SWN022	1247	'2118716_/2118714'		0.23	0.7	3.33	0.15	0.1	0.98	0.46 Yes	0.1 Element Fault
SWN022	1248	'390798580_/2118782_2'		0.23	0.7	3.33	0.15	0.1	0.98	0.46 Yes	0.1 Element Fault
SWN022	1249	'1394362_/1394372'		0.1	0.83	3.33	0	0.2	0.98	0.6 Yes	0 Thermal Discharging
SWN022	1250	'2101534_/2101531'		0.13	0.83	3.33	0	0.2	0.98	0.6 Yes	0 Thermal Discharging
SWN022	1251	'2101469_/2101479'		0.13	0.8	3.33	0	0.9	0.98	0.6 Yes	0 Thermal Discharging
SWN022	1252	'2118772_/2118782_1'		0.23	0.7	3.33	0.15	0.1	0.97	0.46 Yes	0.1 Element Fault
SWN022	1253	'1394349_/1394359'		0.1	0.8	3.33	0	0.2	0.97	0.6 Yes	0 Thermal Discharging
SWN022	1254	'2101547_/2101544'		0.13	0.8	3.33	0	0.2	0.96	0.6 Yes	0 Thermal Discharging
SWN022	1255	'43107040_/2101466'		0.13	0.8	3.33	0	0.9	0.96	0.6 Yes	0 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over- Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
SWN022	1256	'2118759_/_2118769'	0.23	0.7	3.33	0.15	0.1	0.95	0.46	Yes	0.1 Element Fault
SWN022	1257	'1394336_/_1394346'	0.1	0.8	3.33	0	0.2	0.96	0.6	Yes	0 Thermal Discharging
SWN022	1258	'2101560_/_2101557'	0.13	0.8	3.33	0	0.2	0.95	0.6	Yes	0 Thermal Discharging
SWN022	1259	'2101507_/_2101505'	0.13	0.8	3.33	0	0.9	0.95	0.6	Yes	0 Thermal Discharging
SWN022	1260	'2118746_/_2118756'	0.2	0.7	3.33	0.15	0.1	0.94	0.46	Yes	0.1 Element Fault
SWN022	1261	'1394323_/_1394333'	0.1	0.77	3.33	0	0.2	0.94	0.6	Yes	0 Thermal Discharging
SWN022	1262	'2101573_/_2101570'	0.13	0.77	3.33	0	0.2	0.94	0.6	Yes	0 Thermal Discharging
SWN022	1263	'2118561_/_2118743'	0.2	0.67	3.33	0.15	0.1	0.93	0.46	Yes	0.1 Element Fault
SWN022	1264	'3120394_/_7120260'	0.13	0.77	3.33	0	0.9	0.93	0.6	Yes	0 Thermal Discharging
SWN022	1265	'1394310_/_1394320'	0.1	0.77	3.33	0	0.2	0.93	0.6	Yes	0 Thermal Discharging
SWN022	1266	'2101586_/_2101583'	0.13	0.77	3.33	0	0.2	0.93	0.6	Yes	0 Thermal Discharging
SWN022	1267	'2118548_/_2118558'	0.2	0.67	3.33	0.15	0.1	0.92	0.46	Yes	0.1 Element Fault
SWN022	1268	'3120381_/_3120391'	0.13	0.77	3.33	0	0.9	0.92	0.6	Yes	0 Thermal Discharging
SWN022	1269	'1394297_/_1394307'	0.1	0.77	3.33	0	0.2	0.92	0.6	Yes	0 Thermal Discharging
SWN022	1270	'2101599_/_2101596'	0.13	0.77	3.33	0	0.2	0.92	0.6	Yes	0 Thermal Discharging
SWN022	1271	'2118535_/_2118545'	0.2	0.67	3.33	0.15	0.1	0.91	0.46	Yes	0.1 Element Fault
SWN022	1272	'3120368_/_3120378'	0.13	0.73	3.33	0	0.9	0.91	0.6	Yes	0 Thermal Discharging
SWN022	1273	'1394296_/_1394294'	0.1	0.73	3.33	0	0.2	0.91	0.6	Yes	0 Thermal Discharging
SWN022	1274	'2118521_/_2118532'	0.2	0.67	3.33	0.15	0.1	0.9	0.46	Yes	0.1 Element Fault
SWN022	1275	'2101612_/_2101609'	0.13	0.73	3.33	0	0.2	0.91	0.6	Yes	0 Thermal Discharging
SWN022	1276	'43265490_/_3120365'	0.13	0.73	3.33	0	0.9	0.9	0.6	Yes	0 Thermal Discharging
SWN022	1277	'43107898_/_2118519'	0.2	0.63	3.33	0.15	0.1	0.9	0.46	Yes	0.1 Element Fault
SWN022	1278	'1395532_/_1396155'	0.1	0.73	3.33	0	0.2	0.9	0.6	Yes	0 Thermal Discharging
SWN022	1279	'2118522_/_43107900'	0.2	0.63	3.33	0.15	0.1	0.89	0.46	Yes	0.1 Element Fault
SWN022	1280	'3120329_/_3120404'	0.13	0.73	3.33	0	0.9	0.89	0.6	Yes	0 Thermal Discharging
SWN022	1281	'2101638_/_2101635'	0.13	0.73	3.33	0	0.2	0.89	0.6	Yes	0 Thermal Discharging
SWN022	1282	'589896144_/_1395530'	0.1	0.73	3.33	0	0.2	0.89	0.6	Yes	0 Thermal Discharging
SWN022	1283	'1395533_/_589896148'	0.1	0.73	3.33	0	0.2	0.88	0.6	Yes	0 Thermal Discharging
SWN022	1284	'3120260_/_3120326'	0.13	0.7	3.33	0	0.9	0.88	0.6	Yes	0 Thermal Discharging
SWN022	1285	'357713408_/_7873873_3'	0.13	0.7	3.33	0	0.9	0.88	0.6	Yes	0 Thermal Discharging
SWN022	1286	'1395546_/_1395543'	0.1	0.7	3.33	0	0.2	0.87	0.6	Yes	0 Thermal Discharging
SWN022	1287	'1395601_/_1395598'	0.1	0.7	3.33	0	0.2	0.87	0.6	Yes	0 Thermal Discharging
SWN022	1288	'3120261_/_3120258'	0.1	0.7	3.33	0	0.9	0.87	0.6	Yes	0 Thermal Discharging
SWN022	1289	'1395562_/_1395559'	0.1	0.7	3.33	0	0.2	0.86	0.6	Yes	0 Thermal Discharging
SWN022	1290	'3120274_/_3120271'	0.1	0.7	3.33	0	0.9	0.86	0.6	Yes	0 Thermal Discharging
SWN022	1291	'1395588_/_1395572'	0.1	0.7	3.33	0	0.2	0.85	0.6	Yes	0 Thermal Discharging
SWN022	1292	'3120287_/_3120284'	0.1	0.7	3.33	0	0.9	0.85	0.6	Yes	0 Thermal Discharging
SWN022	1293	'69050856_/_3120310'	0.1	0.67	3.33	0	0.9	0.84	0.6	Yes	0 Thermal Discharging
SWN022	1294	'3120299_/_3120297_1'	0.1	0.67	3.33	0	0.2	0.84	0.6	Yes	0 Thermal Discharging
SWN022	1295	'3120300_/_3120297_2'	0.1	0.67	3.33	0	0.2	0.83	0.6	Yes	0 Thermal Discharging
SWN022	1296	'3120248_/_7873873_2'	0.1	0.6	3.33	0	0.2	0.78	0.6	Yes	0 Thermal Discharging
SWN022	1297	'3099675_/_7873873_1'	0.1	0.6	3.33	0	0.2	0.77	0.6	Yes	0 Thermal Discharging
SWN022	1298	'3099674_/_3099672'	0.1	0.6	3.33	0	0.2	0.77	0.6	Yes	0 Thermal Discharging
SWN022	1299	'439239667_/_439239669'	0.1	0.6	3.33	0	0.2	0.77	0.6	Yes	0 Thermal Discharging
SWN022	1300	'3120222_/_3120232'	0.1	0.6	3.33	0	0.2	0.76	0.6	Yes	0 Thermal Discharging
SWN022	1301	'3120176_/_3120100'	0.1	0.6	3.33	0	0.2	0.76	0.6	Yes	0 Thermal Discharging
SWN022	1302	'7217662_/_7217660_1'	0.1	0.6	3.33	0	0.2	0.76	0.6	Yes	0 Thermal Discharging
SWN022	1303	'3120209_/_3120219'	0.1	0.57	3.33	0	0.2	0.75	0.6	Yes	0 Thermal Discharging
SWN022	1304	'67914575_/_9138999_1'	0.1	0.57	3.33	0	0.1	0.75	0.6	Yes	0 Thermal Discharging
SWN022	1305	'7217663_/_7217660_2'	0.1	0.57	3.33	0	0.2	0.75	0.6	Yes	0 Thermal Discharging
SWN022	1306	'43265457_/_3120174'	0.1	0.57	3.33	0	0.2	0.74	0.6	Yes	0 Thermal Discharging
SWN022	1307	'3099777_/_3120206'	0.1	0.57	3.33	0	0.2	0.73	0.6	Yes	0 Thermal Discharging
SWN022	1308	'67914549_/_9138999_2'	0.1	0.57	3.33	0	0.1	0.73	0.6	Yes	0 Thermal Discharging
SWN022	1309	'3120144_/_43265459'	0.1	0.57	3.33	0	0.2	0.73	0.6	Yes	0 Thermal Discharging
SWN022	1310	'44063863_/_3120142'	0.1	0.57	3.33	0	0.2	0.72	0.6	Yes	0 Thermal Discharging
SWN022	1311	'3120118_/_44063865'	0.1	0.57	3.33	0	0.2	0.72	0.6	Yes	0 Thermal Discharging
SWN022	1312	'389898712_/_389898692_1'	0.1	0.57	3.33	0	0.1	0.72	0.6	Yes	0 Thermal Discharging
SWN022	1313	'3099724_/_3099774'	0.1	0.57	3.33	0	0.2	0.72	0.6	Yes	0 Thermal Discharging
SWN022	1314	'67914509_/_3120116'	0.1	0.57	3.33	0	0.2	0.71	0.6	Yes	0 Thermal Discharging
SWN022	1315	'67914592_/_67914515_1'	0.1	0.57	3.33	0	0.1	0.71	0.6	Yes	0 Thermal Discharging
SWN022	1316	'3099725_/_3099722'	0.1	0.53	3.33	0	0.2	0.71	0.6	Yes	0 Thermal Discharging
SWN022	1317	'67914518_/_67914515_2'	0.1	0.57	3.33	0	0.1	0.71	0.6	Yes	0 Thermal Discharging
SWN022	1318	'389898673_/_389898692_2'	0.1	0.57	3.33	0	0.1	0.71	0.6	Yes	0 Thermal Discharging
SWN022	1319	'3099738_/_3099735'	0.1	0.53	3.33	0	0.2	0.7	0.6	Yes	0 Thermal Discharging
SWN022	1320	'43265553_/_3099748'	0.1	0.53	3.33	0	0.2	0.7	0.6	Yes	0 Thermal Discharging
SWN022	1321	'43265542_/_43265555'	0.07	0.53	3.33	0	0.2	0.69	0.6	Yes	0 Thermal Discharging
SWN022	1322	'43265586_/_3099685'	0.07	0.53	3.33	0	0.2	0.69	0.6	Yes	0 Thermal Discharging
SWN022	1323	'3099688_/_3120683_1'	0.07	0.53	3.33	0	0.1	0.69	0.6	Yes	0 Thermal Discharging
SWN022	1324	'43265531_/_43265544'	0.07	0.5	3.33	0	0.2	0.68	0.6	Yes	0 Thermal Discharging
SWN022	1325	'43265564_/_3120683_2'	0.07	0.5	3.33	0	0.1	0.68	0.6	Yes	0 Thermal Discharging
SWN022	1326	'3099790_/_43265533'	0.07	0.5	3.33	0	0.2	0.68	0.6	Yes	0 Thermal Discharging
SWN022	1327	'43265575_/_3120696'	0.07	0.5	3.33	0	0.1	0.67	0.6	Yes	0 Thermal Discharging
SWN022	1328	'3120712_/_3120709'	0.07	0.5	3.33	0	0.1	0.66	0.6	Yes	0 Thermal Discharging
SWN022	1329	'3120725_/_3120722'	0.07	0.5	3.33	0	0.1	0.65	0.6	Yes	0 Thermal Discharging
SWN022	1330	'8507024_/_8507037_1'	0.07	0.5	3.33	0	0.1	0.65	0.6	Yes	0 Thermal Discharging
SWN022	1331	'3120738_/_3120735'	0.07	0.5	3.33	0	0.1	0.65	0.6	Yes	0 Thermal Discharging
SWN022	1332	'390957754_/_8507037_2'	0.07	0.47	3.33	0	0.1	0.64	0.6	Yes	0 Thermal Discharging
SWN022	1333	'390957743_/_390957751'	0.07	0.47	3.33	0	0.1	0.64	0.6	Yes	0 Thermal Discharging
SWN022	1334	'400719901_/_400719898'	0.07	0.47	3.33	0	0.1	0.64	0.6	Yes	0 Thermal Discharging
SWN022	1335	'390957744_/_390957741'	0.07	0.47	3.33	0	0.1	0.64	0.6	Yes	0 Thermal Discharging
SWN022	1336	'390957764_/_390957761'	0.07	0.47	3.33	0	0.1	0.64	0.6	Yes	0 Thermal Discharging
SWN022	1337	'7560631_/_8824306'	0.07	0.47	3.33	0	0.1	0.64	0.6	Yes	0 Thermal Discharging
SWN022	1338	'8507040_/_390957906'	0.07	0.47	3.33	0	0.1	0.64	0.6	Yes	0 Thermal Discharging
SWN022	1339	'7560632_/_7560629'	0.07	0.47	3.33	0	0.1	0.62	0.6	Yes	0 Thermal Discharging
TER061	0	'TER061_/_8075415'	10	10	10	1.872	10	10	3.56	No	1.872 Thermal Discharging
TER061	1	'8075178_/_8075415'	10	10	10	1.872	10	10	3.56	No	1.872 Thermal Discharging
TER061	2	'8075177_/_8075175'	10	10	10	1.872	10	10	3.56	No	1.872 Thermal Discharging
TER061	3	'156759896_/_156759898'	10	10	10	1.872	10	10	3.56	No	1.872 Thermal Discharging
TER061	4	'156760848_/_157449229'	10	10	10	1.872	10	10	3.56	No	1.872 Thermal Discharging
TER061	5	'156749537_/_156749577'	10	10	10	1.872	10	10	3.56	No	1.872 Thermal Discharging
TER061	6	'156762121_/_156760806'	10	10	10	1.872	10	10	3.56	No	1.872 Thermal Discharging
TER061	7	'156762849_/_156762775_1'	10	10	10	1.872	10	10	3.56	No	1.872 Thermal Discharging
TER061	8	'6260805_/_156762775_2'	10	10	10	1.872	10	10	3.56	No	1.872 Thermal Discharging
TER061	9	'43879719_/_6261003'	10	10	10	1.872	10	10	3.56	No	1.872 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TERO61	10	'43880052_/_6259287'		10	10	1.872	10	10	3.56 No	1.872	Thermal Discharging
TERO61	11	'6259290_/_9071681_1'		10	10	1.872	10	10	3.56 No	1.872	Thermal Discharging
TERO61	12	'545832479_/_9071681_2'		10	10	1.872	10	10	3.56 No	1.872	Thermal Discharging
TERO61	13	'43880065_/_9071681_3'		10	10	1.872	10	10	3.56 No	1.872	Thermal Discharging
TERO61	14	'43880064_/_6259550'		10	10	1.872	10	10	3.56 No	1.872	Thermal Discharging
TERO61	15	'6259375_/_6259533'		10	10	1.872	10	10	3.56 No	1.872	Thermal Discharging
TERO61	16	'6259112_/_6259373'		10	10	1.872	10	10	3.56 No	1.872	Thermal Discharging
TERO61	17	'43879990_/_6259110'		10	10	1.872	10	10	3.56 No	1.872	Thermal Discharging
TERO61	18	'9066351_/_6259127_1'		10	10	1.872	10	10	3.56 No	1.872	Thermal Discharging
TERO61	19	'43879975_/_6259127_2'		10	10	1.872	10	10	3.56 No	1.872	Thermal Discharging
TERO61	20	'9066352_/_9382342_1'		10	10	1.872	1.5	10	3.56 No	1.5	Element Fault
TERO61	21	'49159057_/_6259322_2'		9.3	10	1.872	3.8	10	3.56 No	1.872	Thermal Discharging
TERO61	22	'6259130_/_43879979'		10	10	1.872	10	10	3.56 No	1.872	Thermal Discharging
TERO61	23	'6258976_/_6259144'		9.9	10	1.872	10	10	3.56 No	1.872	Thermal Discharging
TERO61	24	'6259163_/_6259322_1'		8.4	10	1.872	1.5	10	3.56 No	1.5	Element Fault
TERO61	25	'6258977_/_6258974'		9.7	10	1.872	10	10	3.56 No	1.872	Thermal Discharging
TERO61	26	'43879654_/_6259025'		9.6	10	1.872	10	10	3.56 No	1.872	Thermal Discharging
TERO61	27	'43879578_/_43879656'		9.4	10	1.872	10	10	3.56 No	1.872	Thermal Discharging
TERO61	28	'9382345_/_9382342_2'		8.3	10	1.872	1.5	10	3.56 No	1.5	Element Fault
TERO61	29	'6256995_/_43879580'		9.2	10	1.872	10	10	3.56 No	1.872	Thermal Discharging
TERO61	30	'6259181_/_6259178'		7.6	10	1.872	1.5	10	3.56 No	1.5	Element Fault
TERO61	31	'6256927_/_6256993'		8.9	10	1.872	10	10	3.56 No	1.872	Thermal Discharging
TERO61	32	'6256884_/_6256925'		8.8	10	1.872	10	10	3.56 No	1.872	Thermal Discharging
TERO61	33	'6256885_/_6256882'		8.5	10	1.872	10	10	3.56 No	1.872	Thermal Discharging
TERO61	34	'43879914_/_6258839'		8.4	10	1.872	10	10	3.56 No	1.872	Thermal Discharging
TERO61	35	'43880117_/_6258805'		8.2	10	1.872	10	10	3.56 No	1.872	Thermal Discharging
TERO61	36	'6256867_/_6258788'		8	10	1.872	10	10	3.56 No	1.872	Thermal Discharging
TERO61	37	'6256850_/_6256865'		7.6	10	1.872	10	10	3.56 No	1.872	Thermal Discharging
TERO61	38	'6257117_/_6259161'		6.2	10	1.872	1.5	10	3.56 No	1.5	Element Fault
TERO61	39	'6256485_/_6256848'		7.4	10	1.872	10	10	3.56 No	1.872	Thermal Discharging
TERO61	40	'6256568_/_6256565_2'		7.1	10	1.872	4.8	10	3.56 No	1.872	Thermal Discharging
TERO61	41	'43879628_/_6256483'		7.1	10	1.872	10	10	3.56 No	1.872	Thermal Discharging
TERO61	42	'6257118_/_6257115'		5.9	10	1.872	1.5	10	3.56 No	1.5	Element Fault
TERO61	43	'6259800_/_6259797'		6.9	10	1.872	10	10	3.56 No	1.872	Thermal Discharging
TERO61	44	'6259817_/_6259814'		6.6	10	1.872	10	10	3.56 No	1.872	Thermal Discharging
TERO61	45	'6256502_/_6259834_1'		6.5	10	1.872	10	10	3.56 No	1.872	Thermal Discharging
TERO61	46	'43879615_/_6259834_2'		6.5	10	1.872	10	10	3.56 No	1.872	Thermal Discharging
TERO61	47	'6245493_/_6256565_1'		6.2	10	1.872	1.6	10	3.56 No	1.6	Element Fault
TERO61	48	'43879602_/_6256535'		6.3	10	1.872	10	10	3.56 No	1.872	Thermal Discharging
TERO61	49	'6256520_/_6256518'		6.1	10	1.872	10	10	3.56 No	1.872	Thermal Discharging
TERO61	50	'6256647_/_6256763'		6	10	1.872	10	10	3.56 No	1.872	Thermal Discharging
TERO61	51	'49159138_/_6256552'		2.17	3.33	3.33	0.624	1.5	3.33	1.19 No	0.624 Thermal Discharging
TERO61	52	'6245935_/_6256645'		5.9	10	1.872	10	10	3.56 No	1.872	Thermal Discharging
TERO61	53	'6256715_/_6256746'		5.9	10	1.872	10	10	3.56 No	1.872	Thermal Discharging
TERO61	54	'6256619_/_43879519_1'		2.03	3.33	3.33	0.624	0.5	3.33	1.19 No	0.5 Element Fault
TERO61	55	'6244089_/_6245933'		5.9	10	1.872	10	10	3.56 No	1.872	Thermal Discharging
TERO61	56	'43879641_/_6256712'		5.7	10	1.872	10	10	3.56 No	1.872	Thermal Discharging
TERO61	57	'6243643_/_6245913'		5.7	10	1.872	10	10	3.56 No	1.872	Thermal Discharging
TERO61	58	'43878444_/_6244087'		5.6	10	1.872	7.8	10	3.56 No	1.872	Thermal Discharging
TERO61	59	'6256697_/_6256729'		5.6	10	1.872	10	10	3.56 No	1.872	Thermal Discharging
TERO61	60	'6243626_/_6243640'		5.6	10	1.872	10	10	3.56 No	1.872	Thermal Discharging
TERO61	61	'6256451_/_6256695'		5.5	10	1.872	10	10	3.56 No	1.872	Thermal Discharging
TERO61	62	'6243666_/_6243676_1'		1.83	3.33	3.33	0.624	0.5	3.33	1.19 No	0.5 Element Fault
TERO61	63	'6243625_/_6243623'		5.5	10	1.872	10	10	3.56 No	1.872	Thermal Discharging
TERO61	64	'6255742_/_6256466'		5.4	10	1.872	10	10	3.56 No	1.872	Thermal Discharging
TERO61	65	'499260794_/_499260502_1'		1.83	3.33	3.33	0.624	0.5	3.33	1.19 No	0.5 Element Fault
TERO61	66	'43878449_/_43878446'		5.3	10	1.872	7.8	10	3.56 No	1.872	Thermal Discharging
TERO61	67	'6256618_/_43879519_2'		2.07	3.33	3.33	0.624	0.5	3.33	1.19 No	0.5 Element Fault
TERO61	68	'6255708_/_6255740'		5.3	10	1.872	10	10	3.56 No	1.872	Thermal Discharging
TERO61	69	'6243751_/_6243765'		5.3	10	1.872	10	10	3.56 No	1.872	Thermal Discharging
TERO61	70	'6243734_/_6243748'		5.3	10	1.872	10	10	3.56 No	1.872	Thermal Discharging
TERO61	71	'6255709_/_6255706'		5.2	10	1.872	10	10	3.56 No	1.872	Thermal Discharging
TERO61	72	'6255688_/_6255686_1'		5.1	10	1.872	1.6	10	3.56 No	1.6	Element Fault
TERO61	73	'6255726_/_6255723'		5.1	10	1.872	10	10	3.56 No	1.872	Thermal Discharging
TERO61	74	'43878407_/_499260502_2'		1.83	3.33	3.33	0.624	0.5	3.33	1.19 No	0.5 Element Fault
TERO61	75	'6245476_/_6245490'		4.9	10	1.872	1.6	10	3.56 No	1.6	Element Fault
TERO61	76	'6255759_/_6255774_1'		5	10	1.872	10	10	3.56 No	1.872	Thermal Discharging
TERO61	77	'43879565_/_6255774_2'		5	10	1.872	10	10	3.56 No	1.872	Thermal Discharging
TERO61	78	'6243679_/_6243676_2'		1.6	3.33	3.33	0.624	0.5	3.33	1.19 No	0.5 Element Fault
TERO61	79	'43879552_/_43879567'		4.9	10	1.872	10	10	3.56 No	1.872	Thermal Discharging
TERO61	80	'6243733_/_6243731'		4.8	10	1.872	10	10	3.56 No	1.872	Thermal Discharging
TERO61	81	'6245252_/_6256675'		4.8	10	1.872	10	10	3.56 No	1.872	Thermal Discharging
TERO61	82	'6243927_/_6243924'		4.8	10	1.872	10	10	3.56 No	1.872	Thermal Discharging
TERO61	83	'6243692_/_499260521'		1.83	3.33	3.33	0.624	0.5	3.33	1.19 No	0.5 Element Fault
TERO61	84	'6243890_/_6243907'		4.7	10	1.872	10	10	3.56 No	1.872	Thermal Discharging
TERO61	85	'114477888_/_6245250'		4.7	10	1.872	10	10	3.56 No	1.872	Thermal Discharging
TERO61	86	'43878492_/_6244004'		4.7	10	1.872	10	10	3.56 No	1.872	Thermal Discharging
TERO61	87	'43878457_/_6243887'		4.6	10	1.872	10	10	3.56 No	1.872	Thermal Discharging
TERO61	88	'114477889_/_6245301'		4.6	10	1.872	10	10	3.56 No	1.872	Thermal Discharging
TERO61	89	'6243186_/_6244024'		4.6	10	1.872	10	10	3.56 No	1.872	Thermal Discharging
TERO61	90	'114477899_/_6245352'		4.6	10	1.872	10	10	3.56 No	1.872	Thermal Discharging
TERO61	91	'6245402_/_6255686_2'		4.5	10	1.872	1.6	10	3.56 No	1.6	Element Fault
TERO61	92	'43877627_/_43877629'		4.4	10	1.872	1.6	10	3.56 No	1.6	Element Fault
TERO61	93	'6243187_/_6243184'		4.6	10	1.872	10	10	3.56 No	1.872	Thermal Discharging
TERO61	94	'6245269_/_114477903'		4.5	9.9	10	1.872	10	3.56 No	1.872	Thermal Discharging
TERO61	95	'6243705_/_6243702'		1.47	3.33	3.33	0.624	0.5	3.33	1.19 No	0.5 Element Fault
TERO61	96	'6243204_/_6243201'		4.5	10	1.872	10	10	3.56 No	1.872	Thermal Discharging
TERO61	97	'6245270_/_6245267'		4.5	9.7	10	1.872	10	3.56 No	1.872	Thermal Discharging
TERO61	98	'43877736_/_6243218'		4.5	10	1.872	10	10	3.56 No	1.872	Thermal Discharging
TERO61	99	'6243238_/_6243235'		4.4	10	1.872	10	10	3.56 No	1.872	Thermal Discharging
TERO61	100	'6245203_/_6245284'		4.4	9.5	10	1.872	10	3.56 No	1.872	Thermal Discharging
TERO61	101	'6243255_/_6243252'		4.4	10	1.872	10	10	3.56 No	1.872	Thermal Discharging
TERO61	102	'409528794_/_6245187_1'		1.47	3.17	3.33	0.624	0.5	3.33	1.19 No	0.5 Element Fault
TERO61	103	'6245003_/_6252676'		4.3	9.3	10	1.872	10	3.56 No	1.872	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TERO61	104	'6243721_/_6243718'		1.4	3.27	3.33	0.624	0.5	3.33	1.19 No	0.5 Element Fault
TERO61	105	'43877749_/_6243272'		4.3	9.9	10	1.872	10	10	3.56 No	1.872 Thermal Discharging
TERO61	106	'6245004_/_6245001'		4.3	9.3	10	1.872	10	10	3.56 No	1.872 Thermal Discharging
TERO61	107	'114477834_/_9646019_1'		4.2	9.2	10	1.872	10	10	3.56 No	1.872 Thermal Discharging
TERO61	108	'6242951_/_499260540'		1.87	3.27	3.33	0.624	0.5	3.33	1.19 No	0.5 Element Fault
TERO61	109	'6245069_/_6245117'		4.2	9.1	10	1.872	10	10	3.56 No	1.872 Thermal Discharging
TERO61	110	'6245070_/_6245067'		4.2	9.1	10	1.872	10	10	3.56 No	1.872 Thermal Discharging
TERO61	111	'6243149_/_43877751'		4.2	9.8	10	1.872	10	10	3.56 No	1.872 Thermal Discharging
TERO61	112	'6245039_/_6245037_1'		1.4	3.03	3.33	0.624	0.5	3.33	1.19 No	0.5 Element Fault
TERO61	113	'6245459_/_6245473'		4	9.7	10	1.872	1.6	10	3.56 No	1.6 Element Fault
TERO61	114	'8699673_/_9645887_1'		1.4	3	3.33	0.624	0.5	3.33	1.19 No	0.5 Element Fault
TERO61	115	'552812254_/_552812236_1'		4.2	9.7	10	1.872	1.5	10	3.56 No	1.5 Element Fault
TERO61	116	'6243150_/_6243147'		4.2	9.7	10	1.872	10	10	3.56 No	1.872 Thermal Discharging
TERO61	117	'7753776_/_8070473_1'		3.9	9.5	10	1.872	0.9	10	3.56 No	0.9 Element Fault
TERO61	118	'6242965_/_6243164'		4.1	9.5	10	1.872	10	10	3.56 No	1.872 Thermal Discharging
TERO61	119	'6597435_/_7107617'		4	8.6	10	1.872	10	10	3.56 No	1.872 Thermal Discharging
TERO61	120	'43877773_/_6245762'		4.1	9.4	10	1.872	10	10	3.56 No	1.872 Thermal Discharging
TERO61	121	'6245040_/_6245037_2'		1.33	2.9	3.33	0.624	0.5	3.33	1.19 No	0.5 Element Fault
TERO61	122	'6245818_/_43877775'		4	9.3	10	1.872	10	10	3.56 No	1.872 Thermal Discharging
TERO61	123	'6597436_/_6597433'		4	8.5	10	1.872	10	10	3.56 No	1.872 Thermal Discharging
TERO61	124	'43878505_/_6244054'		1.27	3	3.33	0.624	0.5	3.33	1.19 No	0.5 Element Fault
TERO61	125	'6242952_/_499260577'		1.83	3.03	3.33	0.624	0.5	3.33	1.19 No	0.5 Element Fault
TERO61	126	'6245798_/_6245816'		4	9.2	10	1.872	10	10	3.56 No	1.872 Thermal Discharging
TERO61	127	'6599474_/_6599471'		3.9	8.3	10	1.872	10	10	3.56 No	1.872 Thermal Discharging
TERO61	128	'6242964_/_6242962'		1.37	3	3.33	0.624	1.1	3.33	1.19 No	0.624 Thermal Discharging
TERO61	129	'4387753_/_6245399'		3.8	8.6	10	1.872	1.6	10	3.56 No	1.6 Element Fault
TERO61	130	'6245752_/_6245796'		3.9	9	10	1.872	10	10	3.56 No	1.872 Thermal Discharging
TERO61	131	'6599494_/_6599491'		3.9	8.2	10	1.872	10	10	3.56 No	1.872 Thermal Discharging
TERO61	132	'110645029_/_110645004_1'		3.9	9	10	1.872	1.5	10	3.56 No	1.5 Element Fault
TERO61	133	'43877786_/_6245779'		3.9	9	10	1.872	10	10	3.56 No	1.872 Thermal Discharging
TERO61	134	'43877614_/_43877616'		3.6	8.7	10	1.872	1.6	10	3.56 No	1.6 Element Fault
TERO61	135	'43877799_/_43877788'		3.8	8.9	10	1.872	10	10	3.56 No	1.872 Thermal Discharging
TERO61	136	'43950015_/_6599511'		3.8	8	10	1.872	10	10	3.56 No	1.872 Thermal Discharging
TERO61	137	'110644993_/_110645004_2'		3.8	8.8	10	1.872	1.5	10	3.56 No	1.5 Element Fault
TERO61	138	'6245739_/_43877825_1'		1.3	2.93	3.33	0.624	0.5	3.33	1.19 No	0.5 Element Fault
TERO61	139	'6245870_/_43877801'		3.8	8.8	10	1.872	10	10	3.56 No	1.872 Thermal Discharging
TERO61	140	'6257767_/_6258157'		3.8	8.7	10	1.872	10	10	3.56 No	1.872 Thermal Discharging
TERO61	141	'6599531_/_6599528'		3.7	7.8	10	1.872	10	10	3.56 No	1.872 Thermal Discharging
TERO61	142	'6245189_/_6245187_2'		1.2	2.67	3.33	0.624	0.5	3.33	1.19 No	0.5 Element Fault
TERO61	143	'6258129_/_6258191'		3.7	8.6	10	1.872	10	10	3.56 No	1.872 Thermal Discharging
TERO61	144	'6257768_/_6257791_1'		1.27	2.87	3.33	0.624	0.5	3.33	1.19 No	0.5 Element Fault
TERO61	145	'43879773_/_6258127'		3.7	8.6	10	1.872	10	10	3.56 No	1.872 Thermal Discharging
TERO61	146	'6243061_/_6243074'		1.4	2.8	3.33	0.624	1.1	3.33	1.19 No	0.624 Thermal Discharging
TERO61	147	'43879745_/_43879777'		3.7	8.5	10	1.872	10	10	3.56 No	1.872 Thermal Discharging
TERO61	148	'7440629_/_7440650_1'		3.7	8.5	10	1.872	1.6	10	3.56 No	1.6 Element Fault
TERO61	149	'6599405_/_6599545'		3.6	7.6	10	1.872	10	10	3.56 No	1.872 Thermal Discharging
TERO61	150	'6257781_/_6257791_2'		1.27	2.8	3.33	0.624	0.5	3.33	1.19 No	0.5 Element Fault
TERO61	151	'6257820_/_6257817'		3.6	8.4	10	1.872	10	10	3.56 No	1.872 Thermal Discharging
TERO61	152	'43949620_/_122306806'		3.6	7.5	10	1.872	10	10	3.56 No	1.872 Thermal Discharging
TERO61	153	'6243435_/_43878507'		1.13	2.7	3.33	0.624	0.5	3.33	1.19 No	0.5 Element Fault
TERO61	154	'69411894_/_6257834'		3.6	8.4	10	1.872	10	10	3.56 No	1.872 Thermal Discharging
TERO61	155	'6242771_/_6245439'		3.3	8.1	10	1.872	1.6	10	3.56 No	1.6 Element Fault
TERO61	156	'69411888_/_6257907_2'		1.2	2.8	3.33	0.624	1.1	3.33	1.19 No	0.624 Thermal Discharging
TERO61	157	'6600341_/_43949622'		3.5	7.4	10	1.872	10	10	3.56 No	1.872 Thermal Discharging
TERO61	158	'6258092_/_6258090'		3.6	8.3	10	1.872	10	10	3.56 No	1.872 Thermal Discharging
TERO61	159	'43877823_/_43877825_2'		1.3	2.73	3.33	0.624	0.5	3.33	1.19 No	0.5 Element Fault
TERO61	160	'8070476_/_8070473_2'		3.3	8.1	10	1.872	0.9	10	3.56 No	0.9 Element Fault
TERO61	161	'6600342_/_6600339'		3.5	7.3	10	1.872	10	10	3.56 No	1.872 Thermal Discharging
TERO61	162	'6600359_/_6600356'		3.5	7.2	10	1.872	10	10	3.56 No	1.872 Thermal Discharging
TERO61	163	'43949718_/_6600512'		3.5	7.2	10	1.872	10	10	3.56 No	1.872 Thermal Discharging
TERO61	164	'6600375_/_6600461'		3.4	7.1	10	1.872	10	10	3.56 No	1.872 Thermal Discharging
TERO61	165	'7440653_/_7440650_2'		3.4	7.9	10	1.872	1.6	10	3.56 No	1.6 Element Fault
TERO61	166	'6600376_/_6600373'		3.4	7	10	1.872	10	10	3.56 No	1.872 Thermal Discharging
TERO61	167	'6257752_/_6257778'		1.17	2.63	3.33	0.624	0.5	3.33	1.19 No	0.5 Element Fault
TERO61	168	'6257806_/_6257907_1'		1.13	2.63	3.33	0.624	0.5	3.33	1.19 No	0.5 Element Fault
TERO61	169	'381172448_/_6243058_2'		1.4	2.6	3.33	0.624	1.1	3.33	1.19 No	0.624 Thermal Discharging
TERO61	170	'6600481_/_6600478'		3.4	6.9	10	1.872	10	9.92	3.56 No	1.872 Thermal Discharging
TERO61	171	'6242542_/_6245416'		3.1	7.7	10	1.872	1.6	10	3.56 No	1.6 Element Fault
TERO61	172	'6600410_/_6600407'		3.3	7	10	1.872	4.7	9.99	3.56 No	1.872 Thermal Discharging
TERO61	173	'6600392_/_6600495'		3.3	6.9	10	1.872	10	9.86	3.56 No	1.872 Thermal Discharging
TERO61	174	'43877550_/_43877552'		3.2	7.4	10	1.872	1.6	10	3.56 No	1.6 Element Fault
TERO61	175	'9645890_/_9645887_2'		1.07	2.4	3.33	0.624	0.5	3.33	1.19 No	0.5 Element Fault
TERO61	176	'379030514_/_6243058_1'		1.4	2.53	3.33	0.624	1.1	3.33	1.19 No	0.624 Thermal Discharging
TERO61	177	'6600393_/_6600390'		3.3	6.8	10	1.872	10	9.79	3.56 No	1.872 Thermal Discharging
TERO61	178	'6243436_/_6243433'		1.03	2.47	3.33	0.624	0.5	3.33	1.19 No	0.5 Element Fault
TERO61	179	'6243407_/_6243420'		1.33	2.5	3.33	0.624	0.5	3.33	1.19 No	0.5 Element Fault
TERO61	180	'6257751_/_6257749'		1.13	2.53	3.33	0.624	0.5	3.33	1.19 No	0.5 Element Fault
TERO61	181	'552812220_/_552812236_2'		3.1	7.3	10	1.872	1.5	10	3.56 No	1.5 Element Fault
TERO61	182	'70128822_/_43950212'		3.2	6.6	10	1.872	10	9.58	3.56 No	1.872 Thermal Discharging
TERO61	183	'114696797_/_70128828_1'		3.2	6.6	10	1.872	10	9.57	3.56 No	1.872 Thermal Discharging
TERO61	184	'37977927_/_70128828_2'		3.2	6.5	10	1.872	10	9.54	3.56 No	1.872 Thermal Discharging
TERO61	185	'405074122_/_37977924'		3.2	6.5	10	1.872	10	9.54	3.56 No	1.872 Thermal Discharging
TERO61	186	'37977913_/_37977910'		1.07	2.17	3.33	0.624	0.7	3.18	1.19 No	0.624 Thermal Discharging
TERO61	187	'37977955_/_37977952'		3.2	6.5	10	1.872	10	9.54	3.56 No	1.872 Thermal Discharging
TERO61	188	'37977941_/_37977938'		3.2	6.5	10	1.872	2.9	9.54	3.56 No	1.872 Thermal Discharging
TERO61	189	'6257807_/_43879530'		1.03	2.43	3.33	0.624	0.5	3.25	1.19 No	0.5 Element Fault
TERO61	190	'8714628_/_9662130'		1.07	2.13	3.33	0.624	0.7	3.15	1.19 No	0.624 Thermal Discharging
TERO61	191	'43949744_/_6600427'		3.1	6.4	10	1.872	4.9	9.46	3.56 No	1.872 Thermal Discharging
TERO61	192	'6600430_/_6600444_1'		3.1	6.4	10	1.872	2.5	9.43	3.56 No	1.872 Thermal Discharging
TERO61	193	'43877575_/_43877577'		2.9	7.1	10	1.872	1.6	10	3.56 No	1.6 Element Fault
TERO61	194	'8714629_/_8714626'		1.07	2.13	3.33	0.624	0.7	3.12	1.19 No	0.624 Thermal Discharging
TERO61	195	'6242654_/_6242668'		2.9	6.8	10	1.872	1.6	10	3.56 No	1.6 Element Fault
TERO61	196	'9019508_/_9645867_1'		2.9	6.8	10	1.872	0.9	10	3.56 No	0.9 Element Fault
TERO61	197	'6243406_/_6243404'		1.33	2.33	3.33	0.624	0.5	3.25	1.19 No	0.5 Element Fault

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TERO61	198	'610808024_/_610808044'		2.8	7	10	1.872	0.9	10	3.56 No	0.9 Element Fault
TERO61	199	'6242541_/_6242539'		2.8	6.8	10	1.872	1.6	10	3.56 No	1.6 Element Fault
TERO61	200	'43949757_/_6600444_2'		2.9	6.2	10	1.872	2.5	9.2	3.56 No	1.872 Thermal Discharging
TERO61	201	'6244124_/_6244122'		1.33	2.27	3.33	0.624	0.5	3.16	1.19 No	0.5 Element Fault
TERO61	202	'37978544_/_8090144'		3	5.9	10	1.872	10	8.9	3.56 No	1.872 Thermal Discharging
TERO61	203	'405038191_/_37978541'		3	5.9	10	1.872	10	8.9	3.56 No	1.872 Thermal Discharging
TERO61	204	'37978558_/_37978555'		3	5.9	10	1.872	10	8.9	3.56 No	1.872 Thermal Discharging
TERO61	205	'37978488_/_37978485'		3	5.9	10	1.872	2.4	8.9	3.56 No	1.872 Thermal Discharging
TERO61	206	'37978460_/_37978457'		3	5.9	10	1.872	10	8.9	3.56 No	1.872 Thermal Discharging
TERO61	207	'6242653_/_6242651'		2.7	6.4	10	1.872	1.6	9.78	3.56 No	1.6 Element Fault
TERO61	208	'6599831_/_6599900'		2.8	5.9	10	1.872	2.5	8.94	3.56 No	1.872 Thermal Discharging
TERO61	209	'37978502_/_7887737'		2.9	5.8	10	1.872	2.4	8.81	3.56 No	1.872 Thermal Discharging
TERO61	210	'37978481_/_37978506'		2.9	5.8	10	1.872	2.4	8.81	3.56 No	1.872 Thermal Discharging
TERO61	211	'37978530_/_37978534'		0.97	1.93	3.33	0.624	0.8	2.94	1.19 No	0.624 Thermal Discharging
TERO61	212	'37978474_/_37978478'		2.9	5.8	10	1.872	2.4	8.81	3.56 No	1.872 Thermal Discharging
TERO61	213	'37978516_/_37978520'		2.9	5.8	10	1.872	2.4	8.81	3.56 No	1.872 Thermal Discharging
TERO61	214	'6242580_/_6242594'		2.6	6.4	10	1.872	1.6	9.75	3.56 No	1.6 Element Fault
TERO61	215	'6599832_/_6599829'		2.7	5.8	10	1.872	2.5	8.78	3.56 No	1.872 Thermal Discharging
TERO61	216	'6242705_/_6242702'		2.6	6.1	10	1.872	1.6	9.51	3.56 No	1.6 Element Fault
TERO61	217	'37978061_/_7887775'		2.8	5.6	10	1.872	10	8.51	3.56 No	1.872 Thermal Discharging
TERO61	218	'6599848_/_6599846'		2.7	5.6	10	1.872	2.5	8.66	3.56 No	1.872 Thermal Discharging
TERO61	219	'405073975_/_37978058'		2.8	5.6	10	1.872	10	8.51	3.56 No	1.872 Thermal Discharging
TERO61	220	'37978075_/_37978072'		2.8	5.6	10	1.872	2.5	8.51	3.56 No	1.872 Thermal Discharging
TERO61	221	'37978089_/_37978086'		2.8	5.6	10	1.872	10	8.51	3.56 No	1.872 Thermal Discharging
TERO61	222	'37978047_/_37978044'		2.8	5.6	10	1.872	2.6	8.51	3.56 No	1.872 Thermal Discharging
TERO61	223	'7454843_/_7768401'		2.8	5.5	10	1.872	2.5	8.46	3.56 No	1.872 Thermal Discharging
TERO61	224	'6242722_/_6242685'		2.5	5.9	10	1.872	1.6	9.31	3.56 No	1.6 Element Fault
TERO61	225	'9645870_/_9645867_2'		2.5	5.9	10	1.872	0.9	9.21	3.56 No	0.9 Element Fault
TERO61	226	'8089742_/_8715174'		0.97	1.8	3.33	0.624	0.8	2.8	1.19 No	0.624 Thermal Discharging
TERO61	227	'8714664_/_9034291'		2.7	5.4	10	1.872	2.6	8.33	3.56 No	1.872 Thermal Discharging
TERO61	228	'7768891_/_7768889'		2.7	5.4	10	1.872	2.4	8.32	3.56 No	1.872 Thermal Discharging
TERO61	229	'7454763_/_9034211'		2.7	5.3	10	1.872	2.9	8.37	3.56 No	1.872 Thermal Discharging
TERO61	230	'43949655_/_43949657'		2.5	5.4	10	1.872	2.5	8.4	3.56 No	1.872 Thermal Discharging
TERO61	231	'8089743_/_8089740'		1	1.77	3.33	0.624	0.8	2.75	1.19 No	0.624 Thermal Discharging
TERO61	232	'6242579_/_6242577'		2.4	5.9	10	1.872	1.6	9.14	3.56 No	1.6 Element Fault
TERO61	233	'50946524_/_8089700_1'		0.87	1.77	3.33	0.624	0.5	2.77	1.19 No	0.5 Element Fault
TERO61	234	'37977884_/_7454840'		2.7	5.3	10	1.872	2.5	8.21	3.56 No	1.872 Thermal Discharging
TERO61	235	'37977864_/_37977882'		2.7	5.3	10	1.872	2.5	8.2	3.56 No	1.872 Thermal Discharging
TERO61	236	'37977857_/_37977861'		2.7	5.3	10	1.872	2.5	8.2	3.56 No	1.872 Thermal Discharging
TERO61	237	'37977892_/_37977896'		2.7	5.3	10	1.872	2.5	8.2	3.56 No	1.872 Thermal Discharging
TERO61	238	'37977871_/_37977875'		2.7	5.3	10	1.872	2.5	8.2	3.56 No	1.872 Thermal Discharging
TERO61	239	'6244974_/_6244986'		2.3	5.8	10	1.872	1.6	9.14	3.56 No	1.6 Element Fault
TERO61	240	'49158430_/_8089700_2'		0.87	1.73	3.33	0.624	0.5	2.75	1.19 No	0.5 Element Fault
TERO61	241	'7454782_/_8714662'		2.6	5.2	10	1.872	2.6	8.08	3.56 No	1.872 Thermal Discharging
TERO61	242	'7454762_/_7454760'		2.6	5.1	10	1.872	2.9	8.12	3.56 No	1.872 Thermal Discharging
TERO61	243	'6599644_/_6599883'		2.4	5.2	10	1.872	2.5	8.15	3.56 No	1.872 Thermal Discharging
TERO61	244	'43877588_/_43877590'		2.3	5.7	10	1.872	1.6	8.87	3.56 No	1.6 Element Fault
TERO61	245	'86720514_/_9034071'		2.6	5.1	10	1.872	2.5	7.99	3.56 No	1.872 Thermal Discharging
TERO61	246	'388744126_/_358984226'		1.67	3.33	6.67	1.248	1.67	5.35	2.37 No	1.248 Thermal Discharging
TERO61	247	'37978019_/_9034271'		2.6	5.1	10	1.872	10	7.89	3.56 No	1.872 Thermal Discharging
TERO61	248	'405074215_/_37978016'		2.6	5.1	10	1.872	10	7.89	3.56 No	1.872 Thermal Discharging
TERO61	249	'37978004_/_37978001'		2.6	5.1	10	1.872	2.5	7.89	3.56 No	1.872 Thermal Discharging
TERO61	250	'37977990_/_37977987'		2.6	5.1	10	1.872	10	7.89	3.56 No	1.872 Thermal Discharging
TERO61	251	'37977976_/_37977973'		2.6	5.1	10	1.872	2.5	7.89	3.56 No	1.872 Thermal Discharging
TERO61	252	'53949818_/_53949820'		2.6	5	10	1.872	2.5	7.84	3.56 No	1.872 Thermal Discharging
TERO61	253	'358984222_/_7887165'		2.5	5	10	1.872	2.5	7.9	3.56 No	1.872 Thermal Discharging
TERO61	254	'86720632_/_86720694'		2.6	5	10	1.872	2.5	7.9	3.56 No	1.872 Thermal Discharging
TERO61	255	'86720610_/_86720628'		2.6	5	10	1.872	2.5	7.9	3.56 No	1.872 Thermal Discharging
TERO61	256	'86720625_/_86720621'		2.6	5	10	1.872	2.5	7.9	3.56 No	1.872 Thermal Discharging
TERO61	257	'122134379_/_86720614'		2.6	5	10	1.872	2.5	7.9	3.56 No	1.872 Thermal Discharging
TERO61	258	'403425969_/_403425966'		2.6	5	10	1.872	2.5	7.9	3.56 No	1.872 Thermal Discharging
TERO61	259	'6242721_/_6242719'		2.3	5.4	10	1.872	1.6	8.65	3.56 No	1.6 Element Fault
TERO61	260	'8699557_/_9295232_1'		2.3	5.4	10	1.872	0.9	8.61	3.56 No	0.9 Element Fault
TERO61	261	'86720722_/_86720733'		2.5	5	10	1.872	2.5	7.85	3.56 No	1.872 Thermal Discharging
TERO61	262	'7887404_/_7887777'		2.4	5	10	1.872	2.4	7.87	3.56 No	1.872 Thermal Discharging
TERO61	263	'425311904_/_425311901'		2.2	5.5	10	1.872	1.6	8.63	3.56 No	1.6 Element Fault
TERO61	264	'86720477_/_86720675'		2.5	4.9	10	1.872	2.5	7.82	3.56 No	1.872 Thermal Discharging
TERO61	265	'388744132_/_358984151'		1.8	3.8	10	1.872	2.5	7.8	3.56 No	1.8 Primary Over-Voltage
TERO61	266	'6599643_/_6599641'		2.3	5	10	1.872	2.5	7.92	3.56 No	1.872 Thermal Discharging
TERO61	267	'57080425_/_57080427'		2.2	5.3	10	1.872	1.6	8.53	3.56 No	1.6 Element Fault
TERO61	268	'6600326_/_6600323'		0.8	1.63	3.33	0.624	0.5	2.61	1.19 No	0.5 Element Fault
TERO61	269	'7887384_/_7887381'		2.5	4.8	10	1.872	2.5	7.63	3.56 No	1.872 Thermal Discharging
TERO61	270	'6244953_/_6244971'		2.1	5.3	10	1.872	1.6	8.52	3.56 No	1.6 Element Fault
TERO61	271	'53949850_/_53949883'		2.5	4.8	10	1.872	2.5	7.6	3.56 No	1.872 Thermal Discharging
TERO61	272	'44072429_/_44072431'		2.2	4.9	10	1.872	2.5	7.75	3.56 No	1.872 Thermal Discharging
TERO61	273	'6599661_/_6599658'		2.2	4.9	10	1.872	2.5	7.75	3.56 No	1.872 Thermal Discharging
TERO61	274	'8714685_/_86720482'		2.4	4.7	10	1.872	2.5	7.56	3.56 No	1.872 Thermal Discharging
TERO61	275	'9058737_/_9662166'		2.4	4.7	10	1.872	10	7.46	3.56 No	1.872 Thermal Discharging
TERO61	276	'43949668_/_6599863'		2.2	4.8	10	1.872	2.5	7.66	3.56 No	1.872 Thermal Discharging
TERO61	277	'86720775_/_86720786'		2.4	4.7	10	1.872	2.5	7.52	3.56 No	1.872 Thermal Discharging
TERO61	278	'8089722_/_8089720'		2.3	4.7	10	1.872	2.9	7.58	3.56 No	1.872 Thermal Discharging
TERO61	279	'405321238_/_405321242'		2.4	4.7	10	1.872	2.5	7.42	3.56 No	1.872 Thermal Discharging
TERO61	280	'66000552_/_43949611'		0.77	1.57	3.33	0.624	0.5	2.5	1.19 No	0.5 Element Fault
TERO61	281	'39418302_/_9058735'		2.4	4.7	10	1.872	10	7.35	3.56 No	1.872 Thermal Discharging
TERO61	282	'404730001_/_71667293'		2.4	4.7	10	1.872	10	7.35	3.56 No	1.872 Thermal Discharging
TERO61	283	'404730008_/_71667304'		2.4	4.7	10	1.872	10	7.35	3.56 No	1.872 Thermal Discharging
TERO61	284	'39418314_/_71667280'		2.4	4.7	10	1.872	10	7.35	3.56 No	1.872 Thermal Discharging
TERO61	285	'413917199_/_405321343'		2.4	4.7	10	1.872	2.5	7.4	3.56 No	1.872 Thermal Discharging
TERO61	286	'8089779_/_8089776'		2.4	4.6	10	1.872	2.5	7.38	3.56 No	1.872 Thermal Discharging
TERO61	287	'6242631_/_6242751'		2.1	5	10	1.872	1.6	8.1	3.56 No	1.6 Element Fault
TERO61	288	'9034233_/_405321319'		2.4	4.6	10	1.872	2.5	7.37	3.56 No	1.872 Thermal Discharging
TERO61	289	'6599681_/_6599678'		2.1	4.7	10	1.872	2.5	7.53	3.56 No	1.872 Thermal Discharging
TERO61	290	'6599627_/_6599812'		2.1	4.7	10	1.872	2.5	7.5	3.56 No	1.872 Thermal Discharging
TERO61	291	'69318345_/_69318348'		2.3	4.6	10	1.872	2.9	7.46	3.56 No	1.872 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TERO61	292	'7768383_/7887401'		2.2	4.6	10	1.872	2.4	7.39	3.56 No	1.872 Thermal Discharging
TERO61	293	'7768349_/7768347_1'		0.7	1.57	3.33	0.624	0.3	2.49	1.19 No	0.3 Element Fault
TERO61	294	'69318385_/69318405'		2.3	4.6	10	1.872	2.9	7.4	3.56 No	1.872 Thermal Discharging
TERO61	295	'8091291_/8114128'		2.3	4.5	10	1.872	10	7.17	3.56 No	1.872 Thermal Discharging
TERO61	296	'8091290_/8091288'		2.3	4.5	10	1.872	10	7.15	3.56 No	1.872 Thermal Discharging
TERO61	297	'6244952_/43877565'		1.9	4.9	10	1.872	1.6	7.98	3.56 No	1.6 Element Fault
TERO61	298	'7768350_/7768347_2'		0.7	1.53	3.33	0.624	0.3	2.45	1.19 No	0.3 Element Fault
TERO61	299	'9295235_/9295232_2'		2	4.8	10	1.872	0.9	7.86	3.56 No	0.9 Element Fault
TERO61	300	'6599626_/6599624'		2.1	4.5	10	1.872	2.5	7.34	3.56 No	1.872 Thermal Discharging
TERO61	301	'86720814_/86720825'		2.2	4.4	10	1.872	2.5	7.2	3.56 No	1.872 Thermal Discharging
TERO61	302	'7454783_/7768381_1'		2.1	4.4	10	1.872	2.6	7.22	3.56 No	1.872 Thermal Discharging
TERO61	303	'53949910_/9034231'		2.3	4.4	10	1.872	2.5	7.12	3.56 No	1.872 Thermal Discharging
TERO61	304	'7456661_/8091308'		2.3	4.4	10	1.872	10	7.04	3.56 No	1.872 Thermal Discharging
TERO61	305	'7456660_/7456658'		2.3	4.4	10	1.872	10	7.02	3.56 No	1.872 Thermal Discharging
TERO61	306	'43949692_/6599937'		2	4.4	10	1.872	2.5	7.2	3.56 No	1.872 Thermal Discharging
TERO61	307	'43949705_/6599741'		2	4.4	10	1.872	2.5	7.18	3.56 No	1.872 Thermal Discharging
TERO61	308	'383898348_/7888781'		2.2	4.3	10	1.872	10	6.9	3.56 No	1.872 Thermal Discharging
TERO61	309	'8714684_/8714682'		2.1	4.3	10	1.872	2.5	6.97	3.56 No	1.872 Thermal Discharging
TERO61	310	'6599607_/6599920'		1.9	4.3	10	1.872	2.5	7.04	3.56 No	1.872 Thermal Discharging
TERO61	311	'440714334_/383898398'		2.2	4.2	10	1.872	10	6.77	3.56 No	1.872 Thermal Discharging
TERO61	312	'393197560_/393197564'		1.33	2.73	6.67	1.248	1.67	4.62	2.37 No	1.248 Thermal Discharging
TERO61	313	'7888844_/383898292'		2.1	4.2	10	1.872	10	6.7	3.56 No	1.872 Thermal Discharging
TERO61	314	'6599606_/6599604'		1.9	4.2	10	1.872	2.5	6.9	3.56 No	1.872 Thermal Discharging
TERO61	315	'6599727_/6599724'		1.9	4.2	10	1.872	2.5	6.9	3.56 No	1.872 Thermal Discharging
TERO61	316	'6169718_/9662074_2'		0.63	1.4	3.33	0.624	0.83	2.29	1.19 No	0.624 Thermal Discharging
TERO61	317	'393197518_/393197522'		2.1	4.1	10	1.872	2.5	6.77	3.56 No	1.872 Thermal Discharging
TERO61	318	'50946533_/6599778_1'		1.9	4.2	10	1.872	1.6	6.86	3.56 No	1.6 Element Fault
TERO61	319	'399675982_/9663730'		2.1	4.1	10	1.872	10	6.59	3.56 No	1.872 Thermal Discharging
TERO61	320	'399676528_/399675934_2'		2.1	4.1	10	1.872	10	6.57	3.56 No	1.872 Thermal Discharging
TERO61	321	'43961499_/399675934_1'		2.1	4.1	10	1.872	10	6.56	3.56 No	1.872 Thermal Discharging
TERO61	322	'6659273_/43961501'		2.1	4.1	10	1.872	10	6.55	3.56 No	1.872 Thermal Discharging
TERO61	323	'496230694_/6659287'		2.1	4.1	10	1.872	10	6.55	3.56 No	1.872 Thermal Discharging
TERO61	324	'399676516_/399675871_3'		2.1	4.1	10	1.872	10	6.55	3.56 No	1.872 Thermal Discharging
TERO61	325	'6659290_/496230698'		2.1	4.1	10	1.872	10	6.54	3.56 No	1.872 Thermal Discharging
TERO61	326	'423374387_/6659304'		2.1	4.1	10	1.872	10	6.53	3.56 No	1.872 Thermal Discharging
TERO61	327	'6659144_/423374395'		2.1	4.1	10	1.872	10	6.52	3.56 No	1.872 Thermal Discharging
TERO61	328	'423374623_/423374462_1'		2.1	4.1	10	1.872	1.6	6.52	3.56 No	1.6 Element Fault
TERO61	329	'9662076_/9662074_1'		0.63	1.37	3.33	0.624	0.5	2.25	1.19 No	0.5 Element Fault
TERO61	330	'6659107_/6659142'		2	4	10	1.872	10	6.48	3.56 No	1.872 Thermal Discharging
TERO61	331	'243712693_/157623730_1'		2	4	10	1.872	2.4	6.47	3.56 No	1.872 Thermal Discharging
TERO61	332	'399676112_/399675871_2'		2	4	10	1.872	10	6.47	3.56 No	1.872 Thermal Discharging
TERO61	333	'388368368_/399675871_1'		2	4	10	1.872	10	6.47	3.56 No	1.872 Thermal Discharging
TERO61	334	'268201937_/388368370'		2	4	10	1.872	10	6.46	3.56 No	1.872 Thermal Discharging
TERO61	335	'6657733_/6659105'		2	4	10	1.872	10	6.44	3.56 No	1.872 Thermal Discharging
TERO61	336	'157623724_/157623730_2'		2	4	10	1.872	2.4	6.43	3.56 No	1.872 Thermal Discharging
TERO61	337	'6657879_/6659355'		2	4	10	1.872	10	6.43	3.56 No	1.872 Thermal Discharging
TERO61	338	'423373867_/423373875'		2	4	10	1.872	10	6.43	3.56 No	1.872 Thermal Discharging
TERO61	339	'53949973_/53950001'		2	4	10	1.872	2.5	6.54	3.56 No	1.872 Thermal Discharging
TERO61	340	'6599781_/6599778_2'		1.8	4	10	1.872	1.6	6.67	3.56 No	1.6 Element Fault
TERO61	341	'6657859_/6657876'		2	4	10	1.872	10	6.41	3.56 No	1.872 Thermal Discharging
TERO61	342	'6657858_/6657856'		2	4	10	1.872	10	6.37	3.56 No	1.872 Thermal Discharging
TERO61	343	'43949681_/43949683'		0.63	1.33	3.33	0.624	0.83	2.2	1.19 No	0.624 Thermal Discharging
TERO61	344	'6658262_/6658260'		2	4	10	1.872	10	6.33	3.56 No	1.872 Thermal Discharging
TERO61	345	'6658229_/6658297'		2	3.9	10	1.872	10	6.3	3.56 No	1.872 Thermal Discharging
TERO61	346	'354704685_/6658226'		2	3.9	10	1.872	10	6.28	3.56 No	1.872 Thermal Discharging
TERO61	347	'7770185_/157623681'		2	3.9	10	1.872	2.4	6.31	3.56 No	1.872 Thermal Discharging
TERO61	348	'354704709_/354704689_1'		2	3.9	10	1.872	10	6.27	3.56 No	1.872 Thermal Discharging
TERO61	349	'43949770_/6599795'		1.7	3.9	10	1.872	1.6	6.45	3.56 No	1.6 Element Fault
TERO61	350	'435858554_/9662186'		1.9	3.8	10	1.872	2.5	6.28	3.56 No	1.872 Thermal Discharging
TERO61	351	'423374198_/423374462_2'		1.9	3.8	10	1.872	1.6	6.18	3.56 No	1.6 Element Fault
TERO61	352	'129516352_/129516514'		1.9	3.8	10	1.872	2.4	6.17	3.56 No	1.872 Thermal Discharging
TERO61	353	'388744119_/358984135'		0.63	1.37	3.33	0.624	0.83	1.88	1.19 No	0.624 Thermal Discharging
TERO61	354	'388744120_/358984266'		0.63	1.37	3.33	0.624	0.83	1.88	1.19 No	0.624 Thermal Discharging
TERO61	355	'388744138_/358984159'		0.63	1.37	3.33	0.624	0.83	1.88	1.19 No	0.624 Thermal Discharging
TERO61	356	'6599591_/6599698'		0.63	1.27	3.33	0.624	0.83	2.11	1.19 No	0.624 Thermal Discharging
TERO61	357	'429101494_/435858558'		1.8	3.8	10	1.872	2.5	6.21	3.56 No	1.8 Primary Over-Voltage
TERO61	358	'9662148_/429101498_1'		1.8	3.6	10	1.872	2.5	6.19	3.56 No	1.8 Primary Over-Voltage
TERO61	359	'157755649_/157755655'		1.9	3.7	10	1.872	2.4	6.09	3.56 No	1.872 Thermal Discharging
TERO61	360	'435858504_/435858508'		1.8	3.7	10	1.872	2.5	6.21	3.56 No	1.8 Primary Over-Voltage
TERO61	361	'429101670_/435858533'		1.8	3.7	10	1.872	2.5	6.19	3.56 No	1.8 Primary Over-Voltage
TERO61	362	'53949945_/53949980'		1.8	3.7	10	1.872	2.5	6.14	3.56 No	1.8 Primary Over-Voltage
TERO61	363	'435858529_/457981302'		1.8	3.7	10	1.872	2.5	6.15	3.56 No	1.8 Primary Over-Voltage
TERO61	364	'6599578_/6599588'		0.63	1.23	3.33	0.624	0.83	2.07	1.19 No	0.624 Thermal Discharging
TERO61	365	'9349446_/9349444'		1.8	3.6	10	1.872	2.5	6.09	3.56 No	1.8 Primary Over-Voltage
TERO61	366	'423374080_/423374217'		1.8	3.6	10	1.872	1.6	5.97	3.56 No	1.6 Element Fault
TERO61	367	'157755684_/157755690'		1.8	3.6	10	1.872	2.4	5.95	3.56 No	1.8 Primary Over-Voltage
TERO61	368	'6599957_/43949772'		1.6	3.7	10	1.872	1.6	6.17	3.56 No	1.6 Primary Over-Voltage
TERO61	369	'7770206_/157623709'		1.8	3.6	10	1.872	2.4	5.9	3.56 No	1.8 Primary Over-Voltage
TERO61	370	'6599565_/6599575'		0.63	1.2	3.33	0.624	0.83	2.03	1.19 No	0.624 Thermal Discharging
TERO61	371	'53950024_/53950026'		1.8	3.6	10	1.872	2.5	5.98	3.56 No	1.8 Primary Over-Voltage
TERO61	372	'6600252_/6600249'		1.6	3.6	10	1.872	1.6	6.04	3.56 No	1.6 Primary Over-Voltage
TERO61	373	'8714644_/53949947'		1.8	3.5	10	1.872	2.5	5.92	3.56 No	1.8 Primary Over-Voltage
TERO61	374	'6599564_/6599562'		0.63	1.17	3.33	0.624	0.83	1.97	1.19 No	0.624 Thermal Discharging
TERO61	375	'358984399_/358984471'		0.57	1.23	3.33	0.624	0.83	1.76	1.19 No	0.57 Primary Over-Voltage
TERO61	376	'7454822_/8714642'		1.7	3.5	10	1.872	2.5	5.8	3.56 No	1.7 Primary Over-Voltage
TERO61	377	'43949783_/6600202'		1.5	3.5	10	1.872	1.6	5.92	3.56 No	1.5 Primary Over-Voltage
TERO61	378	'69318305_/69318308'		1.7	3.4	10	1.872	2.5	5.74	3.56 No	1.7 Primary Over-Voltage
TERO61	379	'65355519_/69318392_1'		1.7	3.5	10	1.872	2.9	5.73	3.56 No	1.7 Primary Over-Voltage
TERO61	380	'6600269_/6600266'		1.5	3.4	10	1.872	1.6	5.83	3.56 No	1.5 Primary Over-Voltage
TERO61	381	'6599976_/43949785'		1.5	3.4	10	1.872	1.6	5.79	3.56 No	1.5 Primary Over-Voltage
TERO61	382	'6599977_/6599974'		1.5	3.3	10	1.872	1.6	5.69	3.56 No	1.5 Primary Over-Voltage
TERO61	383	'6600239_/6600283'		1.5	3.3	10	1.872	1.6	5.64	3.56 No	1.5 Primary Over-Voltage
TERO61	384	'6599994_/6599991'		1.4	3.3	10	1.872	1.6	5.54	3.56 No	1.4 Primary Over-Voltage
TERO61	385	'43949861_/6600303'		1.4	3.2	10	1.872	1.6	5.51	3.56 No	1.4 Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TER061	386	'43949809_/_6600008'	1.4	3.2	10	1.872	1.6	5.45	3.56 No	1.4	Primary Over-Voltage
TER061	387	'43949887_/_6600094'	1.4	3.2	10	1.872	1.6	5.44	3.56 No	1.4	Primary Over-Voltage
TER061	388	'6600081_/_6600236'	0.5	1.07	3.33	0.624	0.53	1.81	1.19 No	0.5	Primary Over-Voltage
TER061	389	'610013778_/_6600078_2'	0.5	1.07	3.33	0.624	0.53	1.8	1.19 No	0.5	Primary Over-Voltage
TER061	390	'43949796_/_43949811'	1.4	3.2	10	1.872	1.6	5.38	3.56 No	1.4	Primary Over-Voltage
TER061	391	'6600097_/_43949889'	1.4	3.1	10	1.872	1.6	5.35	3.56 No	1.4	Primary Over-Voltage
TER061	392	'393197602_/_393197621'	0.5	1.07	3.33	0.624	0.83	1.6	1.19 No	0.5	Primary Over-Voltage
TER061	393	'6600065_/_6600078_1'	0.5	1.03	3.33	0.624	0.3	1.76	1.19 No	0.3	Element Fault
TER061	394	'6600048_/_6600045'	1.3	3.1	10	1.872	1.6	5.29	3.56 No	1.3	Primary Over-Voltage
TER061	395	'6600113_/_6600165'	1.3	3	10	1.872	1.6	5.21	3.56 No	1.3	Primary Over-Voltage
TER061	396	'6600064_/_6600062'	0.5	1	3.33	0.624	0.3	1.73	1.19 No	0.3	Element Fault
TER061	397	'43949900_/_6600148'	1.3	3	10	1.872	1.6	5.19	3.56 No	1.3	Primary Over-Voltage
TER061	398	'7768366_/_8714608_1'	0.87	2	6.67	1.248	0.6	3.46	2.37 No	0.6	Element Fault
TER061	399	'43949848_/_6600111'	1.3	3	10	1.872	1.6	5.12	3.56 No	1.3	Primary Over-Voltage
TER061	400	'8714611_/_8714608_2'	0.87	2	6.67	1.248	0.6	3.38	2.37 No	0.6	Element Fault
TER061	401	'43949835_/_43949850'	1.3	2.9	10	1.872	1.6	5.05	3.56 No	1.3	Primary Over-Voltage
TER061	402	'6600151_/_43949902'	1.3	2.9	10	1.872	1.6	5.04	3.56 No	1.3	Primary Over-Voltage
TER061	403	'6600134_/_43949824'	1.2	2.9	10	1.872	1.6	4.96	3.56 No	1.2	Primary Over-Voltage
TER062	0	'TER062_/_9295632'	10	10	10	1.76	10	10	2.94 No	1.76	Thermal Discharging
TER062	1	'7754251_/_9295632'	10	10	10	1.76	10	10	2.94 No	1.76	Thermal Discharging
TER062	2	'7754252_/_7754249'	10	10	10	1.76	10	10	2.94 No	1.76	Thermal Discharging
TER062	3	'156759920_/_9646507'	10	10	10	1.76	10	10	2.94 No	1.76	Thermal Discharging
TER062	4	'157448705_/_156760401'	10	10	10	1.76	10	10	2.94 No	1.76	Thermal Discharging
TER062	5	'156761095_/_156760737'	10	10	10	1.76	10	10	2.94 No	1.76	Thermal Discharging
TER062	6	'156762110_/_156760819'	10	10	10	1.76	10	10	2.94 No	1.76	Thermal Discharging
TER062	7	'156762842_/_156762130_2'	10	10	10	1.76	10	10	2.94 No	1.76	Thermal Discharging
TER062	8	'156762082_/_156762130_1'	10	10	10	1.76	10	10	2.94 No	1.76	Thermal Discharging
TER062	9	'6260890_/_156762084'	10	10	10	1.76	10	10	2.94 No	1.76	Thermal Discharging
TER062	10	'6257293_/_6260904'	10	10	10	1.76	10	10	2.94 No	1.76	Thermal Discharging
TER062	11	'6257294_/_6257291'	10	10	10	1.76	10	10	2.94 No	1.76	Thermal Discharging
TER062	12	'6259481_/_6257359'	10	10	10	1.76	10	10	2.94 No	1.76	Thermal Discharging
TER062	13	'6259464_/_6259479'	10	10	10	1.76	10	10	2.94 No	1.76	Thermal Discharging
TER062	14	'6259429_/_6259462'	10	10	10	1.76	10	10	2.94 No	1.76	Thermal Discharging
TER062	15	'43879706_/_6259513'	10	10	10	1.76	10	10	2.94 No	1.76	Thermal Discharging
TER062	16	'6259412_/_6259427'	10	10	10	1.76	10	10	2.94 No	1.76	Thermal Discharging
TER062	17	'6259309_/_6259307_1'	6.67	6.67	6.67	1.176	1	6.67	1.96 No	1	Element Fault
TER062	18	'6259358_/_6259410'	10	10	10	1.76	10	10	2.94 No	1.76	Thermal Discharging
TER062	19	'6259341_/_6259356'	10	10	10	1.76	10	10	2.94 No	1.76	Thermal Discharging
TER062	20	'43880014_/_6259307_2'	6.67	6.67	6.67	1.176	1	6.67	1.96 No	1	Element Fault
TER062	21	'6259095_/_6259339'	10	10	10	1.76	10	10	2.94 No	1.76	Thermal Discharging
TER062	22	'6259078_/_6259093'	9.8	10	10	1.76	10	10	2.94 No	1.76	Thermal Discharging
TER062	23	'6259061_/_6259076'	9.5	10	10	1.76	10	10	2.94 No	1.76	Thermal Discharging
TER062	24	'7754176_/_9020065_1'	3.17	3.33	3.33	0.584	0.5	3.33	0.98 No	0.5	Element Fault
TER062	25	'6258993_/_6259059'	8.8	10	10	1.76	10	10	2.94 No	1.76	Thermal Discharging
TER062	26	'6258994_/_6258991'	8.4	10	10	1.76	10	10	2.94 No	1.76	Thermal Discharging
TER062	27	'6257029_/_43879964'	8.2	10	10	1.76	10	10	2.94 No	1.76	Thermal Discharging
TER062	28	'6259200_/_6259252'	5.4	6.67	6.67	1.176	1	6.67	1.96 No	1	Element Fault
TER062	29	'7754156_/_9020081_1'	7.9	10	10	1.76	1.5	10	2.94 No	1.5	Element Fault
TER062	30	'6257012_/_6257027'	7.9	10	10	1.76	10	10	2.94 No	1.76	Thermal Discharging
TER062	31	'49159023_/_9020049_2'	2.83	3.33	3.33	0.584	1.4	3.33	0.98 No	0.584	Thermal Discharging
TER062	32	'6256978_/_6257010'	7.7	10	10	1.76	10	10	2.94 No	1.76	Thermal Discharging
TER062	33	'6256961_/_6256976'	7.5	10	10	1.76	10	10	2.94 No	1.76	Thermal Discharging
TER062	34	'8699955_/_9295216_1'	2.63	3.33	3.33	0.584	0.5	3.33	0.98 No	0.5	Element Fault
TER062	35	'43879938_/_6259224'	2.63	3.33	3.33	0.584	0.5	3.33	0.98 No	0.5	Element Fault
TER062	36	'6256944_/_6256959'	7.2	10	10	1.76	10	10	2.94 No	1.76	Thermal Discharging
TER062	37	'6256904_/_6256942'	7.1	10	10	1.76	10	10	2.94 No	1.76	Thermal Discharging
TER062	38	'450841491_/_9020081_2'	7	10	10	1.76	1.5	10	2.94 No	1.5	Element Fault
TER062	39	'7440609_/_9019869_1'	7.2	10	10	1.76	2.4	10	2.94 No	1.76	Thermal Discharging
TER062	40	'450841583_/_450841602'	7	10	10	1.76	1.5	10	2.94 No	1.5	Element Fault
TER062	41	'6256905_/_6256902'	6.9	10	10	1.76	10	10	2.94 No	1.76	Thermal Discharging
TER062	42	'8075025_/_9020065_2'	3.27	3.33	3.33	0.584	0.5	3.33	0.98 No	0.5	Element Fault
TER062	43	'43880003_/_6259198'	2.27	3.33	3.33	0.584	0.5	3.33	0.98 No	0.5	Element Fault
TER062	44	'450841562_/_450841628'	7	10	10	1.76	1.5	10	2.94 No	1.5	Element Fault
TER062	45	'450841518_/_450841522_1'	7	10	10	1.76	1.5	10	2.94 No	1.5	Element Fault
TER062	46	'9295219_/_9295216_2'	2.63	3.33	3.33	0.584	0.5	3.33	0.98 No	0.5	Element Fault
TER062	47	'8699935_/_9646151_1'	6.9	10	10	1.76	1.6	10	2.94 No	1.6	Element Fault
TER062	48	'6258824_/_6259956'	6.7	10	10	1.76	10	10	2.94 No	1.76	Thermal Discharging
TER062	49	'6258773_/_6258822'	6.6	10	10	1.76	10	10	2.94 No	1.76	Thermal Discharging
TER062	50	'6259227_/_43879940'	2.3	3.33	3.33	0.584	0.5	3.33	0.98 No	0.5	Element Fault
TER062	51	'70894528_/_7440790_2'	6.5	10	10	1.76	5.4	10	2.94 No	1.76	Thermal Discharging
TER062	52	'9020084_/_450841522_2'	6.3	10	10	1.76	1.5	10	2.94 No	1.5	Element Fault
TER062	53	'6256833_/_6258771'	6.4	10	10	1.76	10	10	2.94 No	1.76	Thermal Discharging
TER062	54	'386198522_/_386198358_1'	6.3	10	10	1.76	1.1	10	2.94 No	1.1	Element Fault
TER062	55	'6256816_/_6256831'	6.2	10	10	1.76	10	10	2.94 No	1.76	Thermal Discharging
TER062	56	'9646154_/_9646151_2'	6.1	10	10	1.76	1.6	10	2.94 No	1.6	Element Fault
TER062	57	'6256799_/_6256814'	6.1	10	10	1.76	10	10	2.94 No	1.76	Thermal Discharging
TER062	58	'6256782_/_6256797'	6	10	10	1.76	10	10	2.94 No	1.76	Thermal Discharging
TER062	59	'7440793_/_7440790_1'	6	10	10	1.76	1.5	10	2.94 No	1.5	Element Fault
TER062	60	'8070940_/_9020049_1'	2.63	3.33	3.33	0.584	0.5	3.33	0.98 No	0.5	Element Fault
TER062	61	'37962445_/_9019869_2'	5.9	10	10	1.76	2.4	10	2.94 No	1.76	Thermal Discharging
TER062	62	'37962410_/_37962449'	5.9	10	10	1.76	2.4	10	2.94 No	1.76	Thermal Discharging
TER062	63	'37962403_/_37962407'	5.9	10	10	1.76	2.4	10	2.94 No	1.76	Thermal Discharging
TER062	64	'37962417_/_37962421'	5.9	10	10	1.76	2.4	10	2.94 No	1.76	Thermal Discharging
TER062	65	'37962431_/_37962435'	5.9	10	10	1.76	2.4	10	2.94 No	1.76	Thermal Discharging
TER062	66	'6256783_/_6256780'	5.9	10	10	1.76	10	10	2.94 No	1.76	Thermal Discharging
TER062	67	'6259870_/_6259885'	5.8	10	10	1.76	10	10	2.94 No	1.76	Thermal Discharging
TER062	68	'8075026_/_8075023'	2.37	3.33	3.33	0.584	0.5	3.33	0.98 No	0.5	Element Fault
TER062	69	'6259853_/_6259868'	5.7	10	10	1.76	10	10	2.94 No	1.76	Thermal Discharging
TER062	70	'43878431_/_6259851'	5.6	10	10	1.76	10	10	2.94 No	1.76	Thermal Discharging
TER062	71	'6243784_/_6245134'	5.6	10	10	1.76	10	10	2.94 No	1.76	Thermal Discharging
TER062	72	'43879927_/_43880005'	1.8	3.33	3.33	0.584	0.5	3.33	0.98 No	0.5	Element Fault
TER062	73	'6243785_/_6243782'	5.5	10	10	1.76	10	10	2.94 No	1.76	Thermal Discharging
TER062	74	'386198447_/_386198358_2'	5.5	10	10	1.76	1.1	10	2.94 No	1.1	Element Fault
TER062	75	'43878418_/_6243799'	5.4	10	10	1.76	10	10	2.94 No	1.76	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TER062	76	'9019604_/9019601'		5.3	10	10	1.76	2.4	10	2.94 No	1.76 Thermal Discharging
TER062	77	'6243505_/386198358_3'		5.5	10	10	1.76	1.1	10	2.94 No	1.1 Element Fault
TER062	78	'6243839_/6243836'		5.3	10	10	1.76	10	10	2.94 No	1.76 Thermal Discharging
TER062	79	'6243818_/6243853'		5.2	10	10	1.76	10	10	2.94 No	1.76 Thermal Discharging
TER062	80	'8070939_/8070937'		1.97	3.33	3.33	0.584	0.5	3.33	0.98 No	0.5 Element Fault
TER062	81	'43878381_/6243502'		5.3	10	10	1.76	1.1	10	2.94 No	1.1 Element Fault
TER062	82	'414017435_/386198302_1'		5.3	10	10	1.76	2.4	10	2.94 No	1.76 Thermal Discharging
TER062	83	'6243819_/6243816'		5.2	10	10	1.76	10	10	2.94 No	1.76 Thermal Discharging
TER062	84	'414017448_/6245520_1'		1.77	3.33	3.33	0.584	0.37	3.33	0.98 No	0.37 Element Fault
TER062	85	'6243944_/6243941'		5.1	10	10	1.76	10	10	2.94 No	1.76 Thermal Discharging
TER062	86	'6258859_/43879929'		1.6	3.33	3.33	0.584	0.5	3.33	0.98 No	0.5 Element Fault
TER062	87	'6243555_/6243587'		5.1	10	10	1.76	1.1	10	2.94 No	1.1 Element Fault
TER062	88	'6243872_/6243958'		5	10	10	1.76	10	10	2.94 No	1.76 Thermal Discharging
TER062	89	'8075042_/8075039'		1.87	3.33	3.33	0.584	0.5	3.33	0.98 No	0.5 Element Fault
TER062	90	'69411762_/6243870'		4.9	10	10	1.76	10	10	2.94 No	1.76 Thermal Discharging
TER062	91	'544196982_/6243570'		4.8	10	10	1.76	1.1	10	2.94 No	1.1 Element Fault
TER062	92	'6248473_/6251067'		4.8	10	10	1.76	10	10	2.94 No	1.76 Thermal Discharging
TER062	93	'6248474_/6248471'		4.7	10	10	1.76	10	10	2.94 No	1.76 Thermal Discharging
TER062	94	'6246421_/6246419_1'		1.67	3.33	3.33	0.584	0.5	3.33	0.98 No	0.5 Element Fault
TER062	95	'6243014_/544196990'		4.6	10	10	1.76	1.1	10	2.94 No	1.1 Element Fault
TER062	96	'69411792_/6255585_1'		4.6	10	10	1.76	10	10	2.94 No	1.76 Thermal Discharging
TER062	97	'6255588_/6255585_2'		4.6	10	10	1.76	10	10	2.94 No	1.76 Thermal Discharging
TER062	98	'6255533_/6255618'		4.5	10	10	1.76	10	10	2.94 No	1.76 Thermal Discharging
TER062	99	'6258875_/6258872'		1.43	3.33	3.33	0.584	0.5	3.33	0.98 No	0.5 Element Fault
TER062	100	'6242876_/6243012'		4.4	10	10	1.76	1.1	10	2.94 No	1.1 Element Fault
TER062	101	'6255534_/6255531'		4.4	10	10	1.76	10	10	2.94 No	1.76 Thermal Discharging
TER062	102	'6242877_/6242874'		4.4	10	10	1.76	1.1	10	2.94 No	1.1 Element Fault
TER062	103	'114477861_/6255568'		4.4	10	10	1.76	10	10	2.94 No	1.76 Thermal Discharging
TER062	104	'114477866_/6255548'		4.3	10	10	1.76	10	10	2.94 No	1.76 Thermal Discharging
TER062	105	'342440667_/43878518_1'		1.53	3.33	3.33	0.584	0.5	3.33	0.98 No	0.5 Element Fault
TER062	106	'8070496_/8389610_1'		1.43	3.33	3.33	0.584	0.37	3.33	0.98 No	0.37 Element Fault
TER062	107	'6243478_/6245520_2'		1.77	3.33	3.33	0.584	0.37	3.33	0.98 No	0.37 Element Fault
TER062	108	'6245235_/6245318'		4.2	10	10	1.76	10	10	2.94 No	1.76 Thermal Discharging
TER062	109	'6245153_/6245233'		4.2	10	10	1.76	10	10	2.94 No	1.76 Thermal Discharging
TER062	110	'6245154_/6245169_1'		2.8	6.67	6.67	1.176	1.6	6.67	1.96 No	1.176 Thermal Discharging
TER062	111	'6243103_/6243100'		4.1	10	10	1.76	1.1	10	2.94 No	1.1 Element Fault
TER062	112	'6245219_/6245216'		4.2	10	10	1.76	10	10	2.94 No	1.76 Thermal Discharging
TER062	113	'6258888_/6258885'		1.3	3.33	3.33	0.584	0.5	3.33	0.98 No	0.5 Element Fault
TER062	114	'43878697_/6246419_2'		1.67	3.33	3.33	0.584	0.5	3.33	0.98 No	0.5 Element Fault
TER062	115	'6252625_/6252622'		4.1	10	10	1.76	10	10	2.94 No	1.76 Thermal Discharging
TER062	116	'6242840_/6243117'		4	10	10	1.76	1.1	10	2.94 No	1.1 Element Fault
TER062	117	'6245102_/6252656'		4	10	10	1.76	10	10	2.94 No	1.76 Thermal Discharging
TER062	118	'43878550_/6245169_2'		2.6	6.67	6.67	1.176	1.6	6.67	1.96 No	1.176 Thermal Discharging
TER062	119	'6245023_/6245100'		4	10	10	1.76	10	10	2.94 No	1.76 Thermal Discharging
TER062	120	'6245053_/6245050'		4	10	10	1.76	10	10	2.94 No	1.76 Thermal Discharging
TER062	121	'8389613_/8389610_2'		1.27	3.33	3.33	0.584	0.37	3.33	0.98 No	0.37 Element Fault
TER062	122	'43878346_/6258898'		1.23	3.33	3.33	0.584	0.5	3.33	0.98 No	0.5 Element Fault
TER062	123	'6242839_/6242837'		3.8	10	10	1.76	1.1	10	2.94 No	1.1 Element Fault
TER062	124	'8389875_/8389872'		1.37	3.33	3.33	0.584	0.5	3.33	0.98 No	0.5 Element Fault
TER062	125	'6245024_/6245369_1'		3.8	10	10	1.76	1.9	10	2.94 No	1.76 Thermal Discharging
TER062	126	'43878528_/43878518_2'		1.57	3.33	3.33	0.584	0.5	3.33	0.98 No	0.5 Element Fault
TER062	127	'43878481_/6243476'		1.53	3.33	3.33	0.584	0.37	3.33	0.98 No	0.37 Element Fault
TER062	128	'43878562_/43878552'		2.47	6.67	6.67	1.176	1.6	6.67	1.96 No	1.176 Thermal Discharging
TER062	129	'6597418_/7107600'		3.8	10	10	1.76	10	10	2.94 No	1.76 Thermal Discharging
TER062	130	'43877675_/6242854'		3.7	10	10	1.76	1.1	10	2.94 No	1.1 Element Fault
TER062	131	'43877725_/6242907'		1.23	3.33	3.33	0.584	0.37	3.33	0.98 No	0.37 Element Fault
TER062	132	'8075009_/8075007_1'		1.33	3.33	3.33	0.584	0.5	3.33	0.98 No	0.5 Element Fault
TER062	133	'43949976_/6597416'		3.7	9.9	10	1.76	10	10	2.94 No	1.76 Thermal Discharging
TER062	134	'6242796_/43877677'		3.6	10	10	1.76	1.1	10	2.94 No	1.1 Element Fault
TER062	135	'6599423_/6599420'		3.7	9.7	10	1.76	10	10	2.94 No	1.76 Thermal Discharging
TER062	136	'43878574_/43878564'		2.33	6.6	6.67	1.176	1.6	6.67	1.96 No	1.176 Thermal Discharging
TER062	137	'6599440_/6599437'		3.6	9.6	10	1.76	10	10	2.94 No	1.76 Thermal Discharging
TER062	138	'6242978_/6242992'		3.5	10	10	1.76	1.1	10	2.94 No	1.1 Element Fault
TER062	139	'6242797_/6242794'		3.5	10	10	1.76	1.1	10	2.94 No	1.1 Element Fault
TER062	140	'8070511_/8070509_1'		3.5	10	10	1.76	1.1	10	2.94 No	1.1 Element Fault
TER062	141	'6599457_/6599454'		3.6	9.4	10	1.76	10	10	2.94 No	1.76 Thermal Discharging
TER062	142	'6252151_/43878348'		1.1	3.33	3.33	0.584	0.5	3.33	0.98 No	0.5 Element Fault
TER062	143	'6600638_/6600741'		3.5	9.3	10	1.76	10	10	2.94 No	1.76 Thermal Discharging
TER062	144	'6246395_/43878699'		1.6	3.17	3.33	0.584	0.5	3.33	0.98 No	0.5 Element Fault
TER062	145	'6245575_/6245589_1'		1.17	3.3	3.33	0.584	0.37	3.33	0.98 No	0.37 Element Fault
TER062	146	'6242925_/43878483'		1.4	3.23	3.33	0.584	0.37	3.33	0.98 No	0.37 Element Fault
TER062	147	'6244138_/6244135'		3.4	9.9	10	1.76	1.1	10	2.94 No	1.1 Element Fault
TER062	148	'6600675_/6600707'		3.5	9.1	10	1.76	10	10	2.94 No	1.76 Thermal Discharging
TER062	149	'6246014_/43878576'		2.27	6.27	6.67	1.176	1.6	6.67	1.96 No	1.176 Thermal Discharging
TER062	150	'6600676_/6600673'		3.5	9	10	1.76	10	10	2.94 No	1.76 Thermal Discharging
TER062	151	'6242813_/6245589_2'		1.17	3.2	3.33	0.584	0.37	3.33	0.98 No	0.37 Element Fault
TER062	152	'6244155_/6244152'		3.3	9.7	10	1.76	1.1	10	2.94 No	1.1 Element Fault
TER062	153	'6600693_/6600690'		3.4	8.9	10	1.76	10	10	2.94 No	1.76 Thermal Discharging
TER062	154	'6259738_/6259735'		1.47	3	3.33	0.584	0.5	3.33	0.98 No	0.5 Element Fault
TER062	155	'6243089_/43877727'		1.07	3.1	3.33	0.584	0.37	3.33	0.98 No	0.37 Element Fault
TER062	156	'6244171_/6244412'		3.3	9.4	10	1.76	1.1	10	2.94 No	1.1 Element Fault
TER062	157	'6600584_/6600724'		3.4	8.6	10	1.76	10	10	2.94 No	1.76 Thermal Discharging
TER062	158	'6246015_/6246012_1'		2.13	5.93	6.67	1.176	1.6	6.67	1.96 No	1.176 Thermal Discharging
TER062	159	'6600585_/6600582'		3.3	8.5	10	1.76	10	10	2.94 No	1.76 Thermal Discharging
TER062	160	'6242926_/6242923'		1.3	3.03	3.33	0.584	0.37	3.33	0.98 No	0.37 Element Fault
TER062	161	'6242977_/6242975'		3.2	9.2	10	1.76	1.1	10	2.94 No	1.1 Element Fault
TER062	162	'43878586_/6246012_2'		2.13	5.87	6.67	1.176	1.6	6.67	1.96 No	1.176 Thermal Discharging
TER062	163	'43950028_/6610224'		3.3	8.4	10	1.76	10	10	2.94 No	1.76 Thermal Discharging
TER062	164	'6244172_/6244169'		3.2	9.2	10	1.76	1.1	10	2.94 No	1.1 Element Fault
TER062	165	'6610210_/6610207'		3.3	8.3	10	1.76	10	10	2.94 No	1.76 Thermal Discharging
TER062	166	'345361767_/6244253_1'		1.07	3.07	3.33	0.584	0.37	3.33	0.98 No	0.37 Element Fault
TER062	167	'6600604_/6610241'		3.2	8.2	10	1.76	10	10	2.94 No	1.76 Thermal Discharging
TER062	168	'6243341_/43877690'		3.1	8.8	10	1.76	1.1	10	2.94 No	1.1 Element Fault
TER062	169	'6600605_/6600602'		3.2	8.1	10	1.76	10	10	2.94 No	1.76 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TER062	170	'6244189_/_6244186'		3.1	8.9	10	1.76	1.1	10	2.94 No	1.1 Element Fault
TER062	171	'8070512_/_8070509_2'		3.1	8.8	10	1.76	1.1	10	2.94 No	1.1 Element Fault
TER062	172	'6600622_/_6600619'		3.2	8.1	10	1.76	10	10	2.94 No	1.76 Thermal Discharging
TER062	173	'345361788_/_6244253_2'		1.03	2.93	3.33	0.584	0.37	3.33	0.98 No	0.37 Element Fault
TER062	174	'6242814_/_6242811'		1.17	2.9	3.33	0.584	0.37	3.33	0.98 No	0.37 Element Fault
TER062	175	'6609600_/_6609597_1'		3.2	8	10	1.76	10	10	2.94 No	1.76 Thermal Discharging
TER062	176	'6242896_/_6243087'		1	2.87	3.33	0.584	0.37	3.33	0.98 No	0.37 Element Fault
TER062	177	'6248440_/_43878588'		2	5.6	6.67	1.176	1.6	6.67	1.96 No	1.176 Thermal Discharging
TER062	178	'6244256_/_6244253_3'		1	2.9	3.33	0.584	0.37	3.33	0.98 No	0.37 Element Fault
TER062	179	'43952068_/_6609597_2'		3.1	8	10	1.76	10	10	2.94 No	1.76 Thermal Discharging
TER062	180	'6244205_/_6244223'		3	8.7	10	1.76	1.1	10	2.94 No	1.1 Element Fault
TER062	181	'43878675_/_6246393'		1.4	2.77	3.33	0.584	0.5	3.33	0.98 No	0.5 Element Fault
TER062	182	'89593408_/_6244203_1'		3	8.7	10	1.76	1.1	10	2.94 No	1.1 Element Fault
TER062	183	'43878539_/_6259748'		1.37	2.77	3.33	0.584	0.5	3.33	0.98 No	0.5 Element Fault
TER062	184	'6246058_/_6246056_1'		1	2.8	3.33	0.584	0.5	3.33	0.98 No	0.5 Element Fault
TER062	185	'6252152_/_6252149'		0.97	3	3.33	0.584	0.5	3.33	0.98 No	0.5 Element Fault
TER062	186	'6586661_/_43952070'		3.1	7.9	10	1.76	10	9.97	2.94 No	1.76 Thermal Discharging
TER062	187	'6242826_/_6242824'		1.17	2.83	3.33	0.584	0.37	3.33	0.98 No	0.37 Element Fault
TER062	188	'6586662_/_6586659'		3.1	7.8	10	1.76	10	9.9	2.94 No	1.76 Thermal Discharging
TER062	189	'6244206_/_6244203_2'		3	8.5	10	1.76	1.1	10	2.94 No	1.1 Element Fault
TER062	190	'43950260_/_6605138'		3.1	7.7	10	1.76	10	9.82	2.94 No	1.76 Thermal Discharging
TER062	191	'43877714_/_6242936'		1.17	2.77	3.33	0.584	0.37	3.33	0.98 No	0.37 Element Fault
TER062	192	'43877762_/_43877764'		1.17	2.8	3.33	0.584	0.37	3.33	0.98 No	0.37 Element Fault
TER062	193	'6586627_/_43950262'		3	7.6	10	1.76	10	9.73	2.94 No	1.76 Thermal Discharging
TER062	194	'6244505_/_6244608'		2.9	8.3	10	1.76	1.1	10	2.94 No	1.1 Element Fault
TER062	195	'6586628_/_6586625'		3	7.6	10	1.76	10	9.71	2.94 No	1.76 Thermal Discharging
TER062	196	'6245372_/_6245369_2'		3	7.6	10	1.76	1.9	10	2.94 No	1.76 Thermal Discharging
TER062	197	'6251086_/_6251132'		1.93	5.27	6.67	1.176	1.6	6.67	1.96 No	1.176 Thermal Discharging
TER062	198	'6609616_/_6609651_2'		3	7.5	10	1.76	2.9	9.73	2.94 No	1.76 Thermal Discharging
TER062	199	'6244506_/_6244503'		2.9	8.2	10	1.76	1.1	10	2.94 No	1.1 Element Fault
TER062	200	'6244269_/_6244266'		0.97	2.73	3.33	0.584	0.37	3.33	0.98 No	0.37 Element Fault
TER062	201	'6242897_/_6242894'		0.93	2.7	3.33	0.584	0.37	3.33	0.98 No	0.37 Element Fault
TER062	202	'6586610_/_6586642'		3	7.4	10	1.76	10	9.61	2.94 No	1.76 Thermal Discharging
TER062	203	'6243311_/_6243309'		1.13	2.73	3.33	0.584	0.37	3.33	0.98 No	0.37 Element Fault
TER062	204	'6245988_/_43878541'		1.27	2.6	3.33	0.584	0.5	3.33	0.98 No	0.5 Element Fault
TER062	205	'6605032_/_6605029_2'		0.97	2.47	3.33	0.584	1.5	3.19	0.98 No	0.584 Thermal Discharging
TER062	206	'43879100_/_6244520'		2.8	8.1	10	1.76	1.1	10	2.94 No	1.1 Element Fault
TER062	207	'43879340_/_6244729'		0.93	2.67	3.33	0.584	0.37	3.33	0.98 No	0.37 Element Fault
TER062	208	'49159030_/_6243338'		2.8	7.9	10	1.76	1.1	10	2.94 No	1.1 Element Fault
TER062	209	'6586611_/_6586608'		2.9	7.3	10	1.76	10	9.48	2.94 No	1.76 Thermal Discharging
TER062	210	'8714856_/_8714854_1'		2.9	7.3	10	1.76	1.5	9.47	2.94 No	1.5 Element Fault
TER062	211	'6252138_/_6252136'		1.1	2.67	3.33	0.584	0.37	3.33	0.98 No	0.37 Element Fault
TER062	212	'43878357_/_6258924'		0.9	2.73	3.33	0.584	0.5	3.33	0.98 No	0.5 Element Fault
TER062	213	'43878598_/_6246056_2'		1	2.53	3.33	0.584	0.5	3.29	0.98 No	0.5 Element Fault
TER062	214	'6243340_/_8699594_2'		2.8	7.9	10	1.76	1.1	10	2.94 No	1.1 Element Fault
TER062	215	'6586679_/_6586676'		2.9	7.2	10	1.76	10	9.39	2.94 No	1.76 Thermal Discharging
TER062	216	'6244540_/_43879102'		2.8	7.9	10	1.76	1.1	10	2.94 No	1.1 Element Fault
TER062	217	'6605019_/_6605029_1'		0.97	2.4	3.33	0.584	0.5	3.14	0.98 No	0.5 Element Fault
TER062	218	'6605238_/_6609651_1'		2.9	7.2	10	1.76	1.6	9.53	2.94 No	1.6 Element Fault
TER062	219	'6246084_/_6251084'		1.8	5.07	6.67	1.176	1.6	6.49	1.96 No	1.176 Thermal Discharging
TER062	220	'43951096_/_6605202'		2.9	7.1	10	1.76	10	9.34	2.94 No	1.76 Thermal Discharging
TER062	221	'157013039_/_43951098_1'		2.9	7.1	10	1.76	10	9.33	2.94 No	1.76 Thermal Discharging
TER062	222	'6243034_/_6243032'		1.1	2.57	3.33	0.584	0.37	3.33	0.98 No	0.37 Element Fault
TER062	223	'157003961_/_43951098_2'		2.9	7.1	10	1.76	10	9.32	2.94 No	1.76 Thermal Discharging
TER062	224	'7768912_/_9662676_1'		2.9	7.2	10	1.76	0.9	9.49	2.94 No	0.9 Element Fault
TER062	225	'6243048_/_43877716'		1.1	2.57	3.33	0.584	0.37	3.33	0.98 No	0.37 Element Fault
TER062	226	'6585992_/_157003963'		2.8	7.1	10	1.76	10	9.29	2.94 No	1.76 Thermal Discharging
TER062	227	'6246085_/_6246095_1'		0.9	2.5	3.33	0.584	0.5	3.23	0.98 No	0.5 Element Fault
TER062	228	'6244557_/_6244554'		2.7	7.8	10	1.76	1.1	10	2.94 No	1.1 Element Fault
TER062	229	'6246150_/_6246192_1'		0.9	2.47	3.33	0.584	0.5	3.21	0.98 No	0.5 Element Fault
TER062	230	'472877140_/_7454980_1'		2.8	7.1	10	1.76	1.5	9.23	2.94 No	1.5 Element Fault
TER062	231	'6244431_/_6244571'		2.7	7.7	10	1.76	1.1	10	2.94 No	1.1 Element Fault
TER062	232	'6244432_/_6244588_1'		2.7	7.7	10	1.76	1.1	10	2.94 No	1.1 Element Fault
TER062	233	'6246349_/_6246346'		1.17	2.43	3.33	0.584	0.5	3.31	0.98 No	0.5 Element Fault
TER062	234	'6245989_/_6245986'		1.17	2.43	3.33	0.584	0.5	3.31	0.98 No	0.5 Element Fault
TER062	235	'8714857_/_8714854_2'		2.8	6.9	10	1.76	1.5	9.23	2.94 No	1.5 Element Fault
TER062	236	'6244468_/_6244588_2'		2.7	7.7	10	1.76	1.1	9.95	2.94 No	1.1 Element Fault
TER062	237	'8699597_/_8699594_1'		2.6	7.5	10	1.76	0.9	10	2.94 No	0.9 Element Fault
TER062	238	'6585973_/_472877196'		2.8	6.9	10	1.76	10	9.14	2.94 No	1.76 Thermal Discharging
TER062	239	'6246409_/_43878677'		1.2	2.43	3.33	0.584	0.5	3.31	0.98 No	0.5 Element Fault
TER062	240	'472877078_/_157004034_2'		2.8	6.8	10	1.76	10	9.11	2.94 No	1.76 Thermal Discharging
TER062	241	'43879078_/_6244279'		0.87	2.5	3.33	0.584	0.37	3.33	0.98 No	0.37 Element Fault
TER062	242	'6245604_/_6245602_1'		0.9	2.5	3.33	0.584	0.3	3.3	0.98 No	0.3 Element Fault
TER062	243	'6597612_/_6597610_2'		0.93	2.27	3.33	0.584	2.6	3.03	0.98 No	0.584 Thermal Discharging
TER062	244	'6585972_/_157004034_1'		2.8	6.8	10	1.76	10	9.06	2.94 No	1.76 Thermal Discharging
TER062	245	'6246098_/_6246095_2'		0.9	2.4	3.33	0.584	0.5	3.15	0.98 No	0.5 Element Fault
TER062	246	'6597560_/_6597558_1'		0.93	2.27	3.33	0.584	0.5	3.03	0.98 No	0.5 Element Fault
TER062	247	'7454983_/_7454980_2'		2.7	6.8	10	1.76	1.5	9.08	2.94 No	1.5 Element Fault
TER062	248	'6244744_/_6244755'		0.87	2.47	3.33	0.584	0.37	3.31	0.98 No	0.37 Element Fault
TER062	249	'6244469_/_6244466'		2.6	7.5	10	1.76	1.1	9.81	2.94 No	1.1 Element Fault
TER062	250	'6597724_/_6597738'		2.8	6.7	10	1.76	10	9.02	2.94 No	1.76 Thermal Discharging
TER062	251	'6246222_/_6251099'		1.73	4.8	6.67	1.176	1.6	6.26	1.96 No	1.176 Thermal Discharging
TER062	252	'6246002_/_6245999'		1.13	2.37	3.33	0.584	0.5	3.25	0.98 No	0.5 Element Fault
TER062	253	'6258927_/_43878359'		0.83	2.53	3.33	0.584	0.5	3.33	0.98 No	0.5 Element Fault
TER062	254	'7753796_/_7753793'		2.2	6.1	10	1.76	1.1	9.98	2.94 No	1.1 Element Fault
TER062	255	'6586161_/_7107506'		2.7	6.8	10	1.76	1.9	9.65	2.94 No	1.76 Thermal Discharging
TER062	256	'43949963_/_6597721'		2.7	6.7	10	1.76	10	8.94	2.94 No	1.76 Thermal Discharging
TER062	257	'6597613_/_6597610_1'		0.9	2.23	3.33	0.584	0.5	2.98	0.98 No	0.5 Element Fault
TER062	258	'6246223_/_6246362_1'		0.87	2.37	3.33	0.584	0.5	3.11	0.98 No	0.5 Element Fault
TER062	259	'359399717_/_359399719'		2.7	6.6	10	1.76	10	8.9	2.94 No	1.76 Thermal Discharging
TER062	260	'43878609_/_6246192_2'		0.83	2.33	3.33	0.584	0.5	3.11	0.98 No	0.5 Element Fault
TER062	261	'43878736_/_43878732'		2.7	6.6	10	1.76	10	8.85	2.94 No	1.76 Thermal Discharging
TER062	262	'6244373_/_6245602_2'		0.9	2.43	3.33	0.584	0.3	3.22	0.98 No	0.3 Element Fault
TER062	263	'6246029_/_43878600'		1	2.3	3.33	0.584	0.5	3.11	0.98 No	0.5 Element Fault

Feeder Name	Feeder ID	Node	Primary Over- Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TER062	264	'44419642_/9662676_2'		2.6	6.6	10	1.76	0.9	9.06	2.94 No	0.9 Element Fault
TER062	265	'6250691_/6251150'		1.67	4.67	6.67	1.176	1.6	6.12	1.96 No	1.176 Thermal Discharging
TER062	266	'6243610_/6243975_2'		1	2.33	3.33	0.584	0.37	3.3	0.98 No	0.37 Element Fault
TER062	267	'50960440_/50960437'		2.7	6.5	10	1.76	10	8.76	2.94 No	1.76 Thermal Discharging
TER062	268	'358170779_/43951015'		0.87	2.2	3.33	0.584	0.5	2.96	0.98 No	0.5 Element Fault
TER062	269	'6250678_/6250676_1'		0.83	2.3	3.33	0.584	0.5	3.04	0.98 No	0.5 Element Fault
TER062	270	'6248618_/6248599'		2.6	6.4	10	1.76	10	8.69	2.94 No	1.76 Thermal Discharging
TER062	271	'6248424_/6248421'		1.13	2.27	3.33	0.584	0.5	3.18	0.98 No	0.5 Element Fault
TER062	272	'6597600_/50960400_2'		0.87	2.13	3.33	0.584	1.1	2.92	0.98 No	0.584 Thermal Discharging
TER062	273	'43878470_/6243975_1'		1	2.33	3.33	0.584	0.37	3.27	0.98 No	0.37 Element Fault
TER062	274	'6597561_/6597558_2'		0.93	2.13	3.33	0.584	0.5	2.93	0.98 No	0.5 Element Fault
TER062	275	'50960403_/50960400_1'		0.87	2.13	3.33	0.584	0.5	2.92	0.98 No	0.5 Element Fault
TER062	276	'6597629_/6597626'		0.87	2.13	3.33	0.584	0.5	2.9	0.98 No	0.5 Element Fault
TER062	277	'6251119_/6251165'		1.6	4.53	6.67	1.176	1.6	6.02	1.96 No	1.176 Thermal Discharging
TER062	278	'6248585_/6248633'		2.6	6.3	10	1.76	10	8.64	2.94 No	1.76 Thermal Discharging
TER062	279	'43878620_/6246362_2'		0.87	2.27	3.33	0.584	0.5	3.02	0.98 No	0.5 Element Fault
TER062	280	'6246166_/6246163'		0.8	2.23	3.33	0.584	0.5	3.02	0.98 No	0.5 Element Fault
TER062	281	'6244449_/527811041'		2.4	7	10	1.76	1.1	9.44	2.94 No	1.1 Element Fault
TER062	282	'7440377_/8070545_1'		0.87	2.1	3.33	0.584	0.5	2.87	0.98 No	0.5 Element Fault
TER062	283	'6244771_/6244937'		0.8	2.3	3.33	0.584	0.37	3.18	0.98 No	0.37 Element Fault
TER062	284	'43878929_/6248582'		2.6	6.3	10	1.76	10	8.59	2.94 No	1.76 Thermal Discharging
TER062	285	'6605239_/6605236'		2.5	6.4	10	1.76	1.6	8.94	2.94 No	1.6 Element Fault
TER062	286	'6249399_/6249478'		2.6	6.2	10	1.76	10	8.52	2.94 No	1.76 Thermal Discharging
TER062	287	'6246030_/6246027'		1	2.2	3.33	0.584	0.5	3.02	0.98 No	0.5 Element Fault
TER062	288	'43878631_/6246108'		0.9	2.2	3.33	0.584	0.5	3	0.98 No	0.5 Element Fault
TER062	289	'6244360_/6244370'		0.9	2.3	3.33	0.584	0.3	3.11	0.98 No	0.3 Element Fault
TER062	290	'6244295_/43879080'		0.8	2.27	3.33	0.584	0.37	3.13	0.98 No	0.37 Element Fault
TER062	291	'6249361_/6249396'		2.6	6.2	10	1.76	10	8.45	2.94 No	1.76 Thermal Discharging
TER062	292	'7753815_/88611299'		2.2	6.1	10	1.76	1.1	9.45	2.94 No	1.1 Element Fault
TER062	293	'6246377_/6251117'		1.6	4.4	6.67	1.176	1.6	5.88	1.96 No	1.176 Thermal Discharging
TER062	294	'6249362_/6249359'		2.6	6.1	10	1.76	10	8.41	2.94 No	1.76 Thermal Discharging
TER062	295	'6248775_/6250676_2'		0.83	2.17	3.33	0.584	0.5	2.94	0.98 No	0.5 Element Fault
TER062	296	'6244448_/6244446'		0.8	2.23	3.33	0.584	0.37	3.06	0.98 No	0.37 Element Fault
TER062	297	'6250803_/6250988'		2.5	6	10	1.76	10	8.34	2.94 No	1.76 Thermal Discharging
TER062	298	'6250754_/6250752_1'		1.67	4	6.67	1.176	1	5.54	1.96 No	1 Element Fault
TER062	299	'6246046_/6246043'		1.03	2.13	3.33	0.584	0.5	2.94	0.98 No	0.5 Element Fault
TER062	300	'6248936_/6251005'		2.5	6	10	1.76	10	8.26	2.94 No	1.76 Thermal Discharging
TER062	301	'8070548_/8070545_2'		0.87	2	3.33	0.584	0.5	2.78	0.98 No	0.5 Element Fault
TER062	302	'6250755_/6250752_2'		1.67	4	6.67	1.176	1	5.5	1.96 No	1 Element Fault
TER062	303	'6246179_/6246176'		0.77	2.13	3.33	0.584	0.5	2.91	0.98 No	0.5 Element Fault
TER062	304	'7440341_/9019545'		0.8	2.37	3.33	0.584	0.37	2.84	0.98 No	0.37 Element Fault
TER062	305	'6249416_/6249413'		2.5	5.9	10	1.76	10	8.21	2.94 No	1.76 Thermal Discharging
TER062	306	'43878469_/6243607'		0.93	2.17	3.33	0.584	0.37	3.1	0.98 No	0.37 Element Fault
TER062	307	'6249381_/6249430'		2.5	5.9	10	1.76	10	8.18	2.94 No	1.76 Thermal Discharging
TER062	308	'6246378_/6246375_1'		1.53	4.27	6.67	1.176	1	5.73	1.96 No	1 Element Fault
TER062	309	'6597599_/6597597'		0.8	2	3.33	0.584	0.5	2.79	0.98 No	0.5 Element Fault
TER062	310	'77083273_/6248896_3'		2.5	5.9	10	1.76	4.1	8.2	2.94 No	1.76 Thermal Discharging
TER062	311	'6248899_/6248896_2'		2.5	5.9	10	1.76	4.1	8.19	2.94 No	1.76 Thermal Discharging
TER062	312	'43878787_/6246375_2'		1.53	4.27	6.67	1.176	1	5.72	1.96 No	1 Element Fault
TER062	313	'6249345_/6249379'		2.5	5.9	10	1.76	10	8.14	2.94 No	1.76 Thermal Discharging
TER062	314	'7753816_/7753813'		2.2	6.1	10	1.76	1.1	9.14	2.94 No	1.1 Element Fault
TER062	315	'67586868_/6586159'		2.4	6	10	1.76	1.9	8.9	2.94 No	1.76 Thermal Discharging
TER062	316	'6249328_/6249342'		2.4	5.8	10	1.76	10	8.09	2.94 No	1.76 Thermal Discharging
TER062	317	'6251328_/6251325'		2.4	5.8	10	1.76	8	8.1	2.94 No	1.76 Thermal Discharging
TER062	318	'43949951_/6597571'		0.93	1.97	3.33	0.584	0.5	2.77	0.98 No	0.5 Element Fault
TER062	319	'69411965_/6250786'		1.6	3.87	6.67	1.176	1	5.41	1.96 No	1 Element Fault
TER062	320	'6244308_/6244305'		0.73	2.13	3.33	0.584	0.37	3	0.98 No	0.37 Element Fault
TER062	321	'6246239_/6246236'		0.87	2.07	3.33	0.584	0.5	2.84	0.98 No	0.5 Element Fault
TER062	322	'6248819_/6249325'		2.4	5.8	10	1.76	10	8.02	2.94 No	1.76 Thermal Discharging
TER062	323	'65243187_/67586835_2'		2.4	5.9	10	1.76	1.9	8.8	2.94 No	1.76 Thermal Discharging
TER062	324	'6248879_/6248896_1'		2.4	5.7	10	1.76	3.4	8.06	2.94 No	1.76 Thermal Discharging
TER062	325	'6249293_/6249291'		2.4	5.7	10	1.76	10	7.97	2.94 No	1.76 Thermal Discharging
TER062	326	'43879395_/43879397'		0.73	2.1	3.33	0.584	0.37	2.97	0.98 No	0.37 Element Fault
TER062	327	'6250776_/6250773'		0.8	1.9	3.33	0.584	0.5	2.67	0.98 No	0.5 Element Fault
TER062	328	'6248820_/6248833_1'		0.8	1.9	3.33	0.584	0.5	2.66	0.98 No	0.5 Element Fault
TER062	329	'6248694_/6248705'		0.77	2.07	3.33	0.584	0.5	2.79	0.98 No	0.5 Element Fault
TER062	330	'6246124_/6246121'		0.9	2.03	3.33	0.584	0.5	2.83	0.98 No	0.5 Element Fault
TER062	331	'43878821_/6251342'		2.4	5.7	10	1.76	8	7.97	2.94 No	1.76 Thermal Discharging
TER062	332	'6249758_/6249772'		2.4	5.7	10	1.76	10	7.93	2.94 No	1.76 Thermal Discharging
TER062	333	'6244347_/6244357'		0.9	2.1	3.33	0.584	0.3	2.93	0.98 No	0.3 Element Fault
TER062	334	'6251186_/6251183'		2.4	5.7	10	1.76	8	7.93	2.94 No	1.76 Thermal Discharging
TER062	335	'6249738_/6249755'		2.4	5.7	10	1.76	10	7.89	2.94 No	1.76 Thermal Discharging
TER062	336	'43879135_/6244625'		0.73	2.07	3.33	0.584	0.37	2.91	0.98 No	0.37 Element Fault
TER062	337	'6248763_/7107587'		0.77	1.9	3.33	0.584	0.5	2.7	0.98 No	0.5 Element Fault
TER062	338	'43878743_/6248773'		0.83	2	3.33	0.584	0.5	2.78	0.98 No	0.5 Element Fault
TER062	339	'7440340_/7440338'		0.73	2.2	3.33	0.584	0.37	2.73	0.98 No	0.37 Element Fault
TER062	340	'43878964_/43878966'		2.3	5.6	10	1.76	10	7.82	2.94 No	1.76 Thermal Discharging
TER062	341	'43878834_/6251200'		2.3	5.6	10	1.76	8	7.86	2.94 No	1.76 Thermal Discharging
TER062	342	'6248836_/6248833_2'		0.8	1.87	3.33	0.584	0.5	2.62	0.98 No	0.5 Element Fault
TER062	343	'6248695_/6248692_1'		0.77	2	3.33	0.584	0.5	2.73	0.98 No	0.5 Element Fault
TER062	344	'6248952_/6248967'		2.4	5.5	10	1.76	4.1	7.9	2.94 No	1.76 Thermal Discharging
TER062	345	'6251290_/6251288_2'		2.3	5.6	10	1.76	8	7.82	2.94 No	1.76 Thermal Discharging
TER062	346	'6251362_/6251288_1'		2.3	5.6	10	1.76	3.4	7.81	2.94 No	1.76 Thermal Discharging
TER062	347	'6248747_/6248760'		0.77	1.87	3.33	0.584	0.5	2.67	0.98 No	0.5 Element Fault
TER062	348	'6249500_/6249735'		2.3	5.6	10	1.76	10	7.75	2.94 No	1.76 Thermal Discharging
TER062	349	'43878776_/6248692_2'		0.77	2	3.33	0.584	0.5	2.72	0.98 No	0.5 Element Fault
TER062	350	'6249791_/43879041_2'		2.3	5.6	10	1.76	10	7.74	2.94 No	1.76 Thermal Discharging
TER062	351	'6246281_/6246278'		0.87	1.97	3.33	0.584	0.5	2.75	0.98 No	0.5 Element Fault
TER062	352	'43879039_/43879041_1'		2.3	5.6	10	1.76	10	7.73	2.94 No	1.76 Thermal Discharging
TER062	353	'6251274_/6251359'		2.3	5.5	10	1.76	3.4	7.77	2.94 No	1.76 Thermal Discharging
TER062	354	'6258007_/6258038'		2.3	5.5	10	1.76	10	7.68	2.94 No	1.76 Thermal Discharging
TER062	355	'67586528_/6586007_2'		2.2	5.6	10	1.76	1.9	8.5	2.94 No	1.76 Thermal Discharging
TER062	356	'65243163_/6586007_1'		2.2	5.6	10	1.76	1.9	8.5	2.94 No	1.76 Thermal Discharging
TER062	357	'7753856_/7753877_2'		2.3	5.5	10	1.76	3.4	7.73	2.94 No	1.76 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TERO62	358	'6597587_/_6597584'		0.93	1.83	3.33	0.584	0.5	2.65	0.98 No	0.5 Element Fault
TERO62	359	'6249198_/_6251271'		2.3	5.5	10	1.76	3.4	7.71	2.94 No	1.76 Thermal Discharging
TERO62	360	'6257990_/_6258004'		2.3	5.5	10	1.76	10	7.64	2.94 No	1.76 Thermal Discharging
TERO62	361	'43878781_/_43878778'		0.77	1.97	3.33	0.584	0.5	2.69	0.98 No	0.5 Element Fault
TERO62	362	'6244346_/_6244344'		0.87	2	3.33	0.584	0.3	2.83	0.98 No	0.3 Element Fault
TERO62	363	'69411946_/_6249195_2'		1.53	3.67	6.67	1.176	2.27	5.13	1.96 No	1.176 Thermal Discharging
TERO62	364	'43878847_/_43878849'		2.3	5.4	10	1.76	3.4	7.79	2.94 No	1.76 Thermal Discharging
TERO62	365	'6249501_/_6249498_1'		0.77	1.83	3.33	0.584	0.5	2.55	0.98 No	0.5 Element Fault
TERO62	366	'43879089_/_6244318'		0.7	1.97	3.33	0.584	0.37	2.84	0.98 No	0.37 Element Fault
TERO62	367	'6246137_/_6246134'		0.93	1.9	3.33	0.584	0.5	2.72	0.98 No	0.5 Element Fault
TERO62	368	'6258024_/_6258021'		2.3	5.5	10	1.76	10	7.58	2.94 No	1.76 Thermal Discharging
TERO62	369	'6248721_/_6248744'		0.73	1.83	3.33	0.584	0.5	2.63	0.98 No	0.5 Element Fault
TERO62	370	'6251220_/_6251217'		2.3	5.4	10	1.76	3.4	7.65	2.94 No	1.76 Thermal Discharging
TERO62	371	'6249514_/_6249498_2'		0.77	1.83	3.33	0.584	0.5	2.54	0.98 No	0.5 Element Fault
TERO62	372	'6257973_/_6257970_2'		2.3	5.5	10	1.76	3.4	7.59	2.94 No	1.76 Thermal Discharging
TERO62	373	'7440408_/_7440406_1'		2.3	5.4	10	1.76	1.6	7.74	2.94 No	1.6 Element Fault
TERO62	374	'412451514_/_412451493_1'		0.73	1.8	3.33	0.584	0.3	2.62	0.98 No	0.3 Element Fault
TERO62	375	'6258057_/_6258073'		2.2	5.4	10	1.76	10	7.55	2.94 No	1.76 Thermal Discharging
TERO62	376	'123216626_/_67586835_1'		2.2	5.5	10	1.76	1.3	8.35	2.94 No	1.3 Element Fault
TERO62	377	'6251240_/_6251237'		2.2	5.4	10	1.76	3.4	7.59	2.94 No	1.76 Thermal Discharging
TERO62	378	'7753880_/_7753877_1'		2.2	5.3	10	1.76	1.5	7.59	2.94 No	1.5 Element Fault
TERO62	379	'6257954_/_6257952_1'		1.47	3.6	6.67	1.176	1	4.99	1.96 No	1 Element Fault
TERO62	380	'6249183_/_6249195_1'		1.47	3.53	6.67	1.176	1	5.04	1.96 No	1 Element Fault
TERO62	381	'6244333_/_43879137'		0.67	1.93	3.33	0.584	0.37	2.77	0.98 No	0.37 Element Fault
TERO62	382	'43878860_/_6248846'		0.8	1.77	3.33	0.584	0.5	2.52	0.98 No	0.5 Element Fault
TERO62	383	'6244770_/_6244768'		0.67	1.93	3.33	0.584	0.37	2.78	0.98 No	0.37 Element Fault
TERO62	384	'6244243_/_43879091'		0.67	1.9	3.33	0.584	0.37	2.77	0.98 No	0.37 Element Fault
TERO62	385	'6251256_/_6251254'		2.2	5.3	10	1.76	3.4	7.48	2.94 No	1.76 Thermal Discharging
TERO62	386	'43878953_/_6249527'		0.77	1.77	3.33	0.584	0.5	2.48	0.98 No	0.5 Element Fault
TERO62	387	'368334414_/_368334411'		0.7	1.77	3.33	0.584	0.5	2.56	0.98 No	0.5 Element Fault
TERO62	388	'6248953_/_6248950'		2.3	5.2	10	1.76	4.1	7.57	2.94 No	1.76 Thermal Discharging
TERO62	389	'43878799_/_6248718'		0.7	1.77	3.33	0.584	0.5	2.56	0.98 No	0.5 Element Fault
TERO62	390	'6248656_/_43878745'		0.83	1.83	3.33	0.584	0.5	2.64	0.98 No	0.5 Element Fault
TERO62	391	'6257972_/_6257970_1'		2.2	5.2	10	1.76	1.6	7.42	2.94 No	1.6 Element Fault
TERO62	392	'43879013_/_6251410'		2.2	5.2	10	1.76	3.4	7.43	2.94 No	1.76 Thermal Discharging
TERO62	393	'6257922_/_6257952_2'		1.47	3.47	6.67	1.176	1	4.91	1.96 No	1 Element Fault
TERO62	394	'7440393_/_412451493_2'		0.7	1.73	3.33	0.584	0.3	2.55	0.98 No	0.3 Element Fault
TERO62	395	'50960239_/_8699722_2'		0.73	1.73	3.33	0.584	1.13	2.47	0.98 No	0.584 Thermal Discharging
TERO62	396	'43878642_/_6250660'		0.87	1.83	3.33	0.584	0.5	2.62	0.98 No	0.5 Element Fault
TERO62	397	'123216712_/_123216723'		2.1	5.3	10	1.76	1.3	8.11	2.94 No	1.3 Element Fault
TERO62	398	'6251395_/_6251393'		2.2	5.2	10	1.76	3.4	7.39	2.94 No	1.76 Thermal Discharging
TERO62	399	'43878708_/_6248395'		0.9	1.83	3.33	0.584	0.5	2.63	0.98 No	0.5 Element Fault
TERO62	400	'8699725_/_8699722_1'		0.73	1.73	3.33	0.584	0.5	2.46	0.98 No	0.5 Element Fault
TERO62	401	'6248516_/_7107519'		0.93	1.73	3.33	0.584	0.5	2.54	0.98 No	0.5 Element Fault
TERO62	402	'43879113_/_43879115'		0.8	1.87	3.33	0.584	0.3	2.69	0.98 No	0.3 Element Fault
TERO62	403	'6251430_/_6251444'		2.1	5.1	10	1.76	3.4	7.34	2.94 No	1.76 Thermal Discharging
TERO62	404	'7440409_/_7440406_2'		2.1	5.1	10	1.76	1.6	7.47	2.94 No	1.6 Element Fault
TERO62	405	'6244334_/_6244331'		0.63	1.87	3.33	0.584	0.37	2.68	0.98 No	0.37 Element Fault
TERO62	406	'6249530_/_43878955'		0.77	1.7	3.33	0.584	0.5	2.43	0.98 No	0.5 Element Fault
TERO62	407	'6249168_/_6249180'		1.4	3.4	6.67	1.176	1	4.88	1.96 No	1 Element Fault
TERO62	408	'6244677_/_6244674_2'		0.8	1.87	3.33	0.584	0.3	2.67	0.98 No	0.3 Element Fault
TERO62	409	'6251429_/_6251427_2'		2.1	5.1	10	1.76	3.4	7.28	2.94 No	1.76 Thermal Discharging
TERO62	410	'43879000_/_6251427_1'		2.1	5.1	10	1.76	3.4	7.27	2.94 No	1.76 Thermal Discharging
TERO62	411	'65243158_/_67586526'		2	5.2	10	1.76	1.9	7.99	2.94 No	1.76 Thermal Discharging
TERO62	412	'6248517_/_6248514'		0.93	1.7	3.33	0.584	0.5	2.49	0.98 No	0.5 Element Fault
TERO62	413	'6260257_/_43879801'		2.1	5	10	1.76	1.6	7.24	2.94 No	1.6 Element Fault
TERO62	414	'43878846_/_6248859'		2.1	5	10	1.76	3.3	7.37	2.94 No	1.76 Thermal Discharging
TERO62	415	'6248849_/_43878862'		0.8	1.67	3.33	0.584	0.5	2.43	0.98 No	0.5 Element Fault
TERO62	416	'49233847_/_6260314_1'		0.7	1.67	3.33	0.584	0.3	2.41	0.98 No	0.3 Element Fault
TERO62	417	'6250721_/_6250718'		2.2	4.9	10	1.76	4.1	7.34	2.94 No	1.76 Thermal Discharging
TERO62	418	'123216666_/_123216741'		2.1	5.1	10	1.76	1.3	7.88	2.94 No	1.3 Element Fault
TERO62	419	'6244242_/_6244240'		0.63	1.8	3.33	0.584	0.37	2.65	0.98 No	0.37 Element Fault
TERO62	420	'67586824_/_123216671'		2	5.1	10	1.76	1.3	7.86	2.94 No	1.3 Element Fault
TERO62	421	'467264601_/_6257920'		1.4	3.33	6.67	1.176	1	4.76	1.96 No	1 Element Fault
TERO62	422	'368334430_/_368334427'		0.67	1.67	3.33	0.584	0.5	2.46	0.98 No	0.5 Element Fault
TERO62	423	'43879026_/_43879028'		2.1	5	10	1.76	3.4	7.15	2.94 No	1.76 Thermal Discharging
TERO62	424	'6248682_/_6248731'		0.67	1.67	3.33	0.584	0.5	2.46	0.98 No	0.5 Element Fault
TERO62	425	'6246254_/_43878710'		0.87	1.73	3.33	0.584	0.5	2.54	0.98 No	0.5 Element Fault
TERO62	426	'6248533_/_6248530'		0.93	1.67	3.33	0.584	0.5	2.45	0.98 No	0.5 Element Fault
TERO62	427	'6248559_/_6248569_1'		0.93	1.67	3.33	0.584	0.3	2.45	0.98 No	0.3 Element Fault
TERO62	428	'6248669_/_6248666'		0.83	1.73	3.33	0.584	0.5	2.51	0.98 No	0.5 Element Fault
TERO62	429	'6246294_/_6246291'		0.87	1.73	3.33	0.584	0.5	2.51	0.98 No	0.5 Element Fault
TERO62	430	'6251464_/_6251478'		2	4.9	10	1.76	3.4	7.08	2.94 No	1.76 Thermal Discharging
TERO62	431	'6244386_/_6244674_1'		0.77	1.77	3.33	0.584	0.3	2.59	0.98 No	0.3 Element Fault
TERO62	432	'6251463_/_6251461'		2	4.9	10	1.76	3.4	7.06	2.94 No	1.76 Thermal Discharging
TERO62	433	'6249167_/_6249165'		1.33	3.27	6.67	1.176	1	4.73	1.96 No	1 Element Fault
TERO62	434	'6250738_/_6250735'		2.1	4.7	10	1.76	4.1	7.16	2.94 No	1.76 Thermal Discharging
TERO62	435	'6244385_/_6244383'		0.77	1.73	3.33	0.584	0.3	2.56	0.98 No	0.3 Element Fault
TERO62	436	'7107548_/_7107545'		0.93	1.63	3.33	0.584	0.5	2.41	0.98 No	0.5 Element Fault
TERO62	437	'6260290_/_6260314_2'		0.7	1.6	3.33	0.584	0.3	2.34	0.98 No	0.3 Element Fault
TERO62	438	'6251517_/_6251515'		2	4.8	10	1.76	3.4	6.98	2.94 No	1.76 Thermal Discharging
TERO62	439	'6249675_/_6251549'		2	4.8	10	1.76	3.4	6.94	2.94 No	1.76 Thermal Discharging
TERO62	440	'43879760_/_43879762'		2	4.8	10	1.76	1.6	6.99	2.94 No	1.6 Element Fault
TERO62	441	'6248572_/_6248569_2'		0.93	1.6	3.33	0.584	0.3	2.39	0.98 No	0.3 Element Fault
TERO62	442	'6248681_/_6248679'		0.63	1.6	3.33	0.584	0.5	2.38	0.98 No	0.5 Element Fault
TERO62	443	'6246307_/_6246304'		0.83	1.67	3.33	0.584	0.5	2.43	0.98 No	0.5 Element Fault
TERO62	444	'6249573_/_6249585'		1.27	3.13	6.67	1.176	1	4.61	1.96 No	1 Element Fault
TERO62	445	'6248546_/_6248543'		0.93	1.57	3.33	0.584	0.5	2.37	0.98 No	0.5 Element Fault
TERO62	446	'6245956_/_6245953'		1.27	3.13	6.67	1.176	1	4.58	1.96 No	1 Element Fault
TERO62	447	'6251534_/_6251532'		1.9	4.7	10	1.76	3.4	6.84	2.94 No	1.76 Thermal Discharging
TERO62	448	'6246320_/_6246317'		0.8	1.63	3.33	0.584	0.5	2.41	0.98 No	0.5 Element Fault
TERO62	449	'6259905_/_6259939'		1.9	4.6	10	1.76	3.4	6.76	2.94 No	1.76 Thermal Discharging
TERO62	450	'6249662_/_6249673'		0.67	1.53	3.33	0.584	1.13	2.26	0.98 No	0.584 Thermal Discharging
TERO62	451	'6250917_/_6250948'		2	4.5	10	1.76	4.1	6.91	2.94 No	1.76 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TER062	452	'43878754_/6250702'		0.8	1.6	3.33	0.584	0.5	2.39	0.98 No	0.5 Element Fault
TER062	453	'6246255_/6246252'		0.8	1.6	3.33	0.584	0.5	2.39	0.98 No	0.5 Element Fault
TER062	454	'6248491_/6248789'		0.6	1.53	3.33	0.584	0.5	2.32	0.98 No	0.5 Element Fault
TER062	455	'43879124_/43879126'		0.73	1.67	3.33	0.584	0.3	2.46	0.98 No	0.3 Element Fault
TER062	456	'6259904_/6259902'		1.9	4.6	10	1.76	3.4	6.7	2.94 No	1.76 Thermal Discharging
TER062	457	'6244702_/6244716_2'		0.7	1.63	3.33	0.584	0.3	2.44	0.98 No	0.3 Element Fault
TER062	458	'6249057_/6249465'		0.9	1.53	3.33	0.584	0.5	2.3	0.98 No	0.5 Element Fault
TER062	459	'6250918_/6250915'		2	4.4	10	1.76	4.1	6.82	2.94 No	1.76 Thermal Discharging
TER062	460	'43950086_/7107532'		0.9	1.53	3.33	0.584	0.3	2.3	0.98 No	0.3 Element Fault
TER062	461	'43880104_/43880106'		1.9	4.5	10	1.76	3.4	6.64	2.94 No	1.76 Thermal Discharging
TER062	462	'43880223_/6260288'		0.7	1.5	3.33	0.584	0.3	2.23	0.98 No	0.3 Element Fault
TER062	463	'6249572_/6249570'		1.27	3	6.67	1.176	1	4.47	1.96 No	1 Element Fault
TER062	464	'43878653_/6246330'		0.77	1.57	3.33	0.584	0.5	2.34	0.98 No	0.5 Element Fault
TER062	465	'414864135_/414864137'		1.9	4.5	10	1.76	3.4	6.6	2.94 No	1.76 Thermal Discharging
TER062	466	'6259976_/6260009'		1.9	4.5	10	1.76	3.4	6.58	2.94 No	1.76 Thermal Discharging
TER062	467	'6257937_/6257935'		1.8	4.4	10	1.76	1.6	6.66	2.94 No	1.6 Element Fault
TER062	468	'430981286_/6249706_2'		0.63	1.5	3.33	0.584	0.5	2.21	0.98 No	0.5 Element Fault
TER062	469	'43878810_/6245968'		1.2	3	6.67	1.176	1	4.4	1.96 No	1 Element Fault
TER062	470	'7440356_/7440354_2'		1.8	4.4	10	1.76	1.6	6.65	2.94 No	1.6 Element Fault
TER062	471	'6249692_/6259973'		1.8	4.4	10	1.76	3.4	6.52	2.94 No	1.76 Thermal Discharging
TER062	472	'6248490_/6248488'		0.6	1.47	3.33	0.584	0.5	2.25	0.98 No	0.5 Element Fault
TER062	473	'6249070_/6250935'		0.67	1.43	3.33	0.584	1.1	2.22	0.98 No	0.584 Thermal Discharging
TER062	474	'6249633_/6249645'		1.2	2.93	6.67	1.176	1	4.37	1.96 No	1 Element Fault
TER062	475	'6248989_/6250968'		2	4.3	10	1.76	4.1	6.65	2.94 No	1.76 Thermal Discharging
TER062	476	'7440357_/7440354_1'		1.8	4.4	10	1.76	0.9	6.57	2.94 No	0.9 Element Fault
TER062	477	'43879065_/43879067'		1.8	4.4	10	1.76	3.4	6.46	2.94 No	1.76 Thermal Discharging
TER062	478	'6246333_/43878655'		0.77	1.53	3.33	0.584	0.5	2.28	0.98 No	0.5 Element Fault
TER062	479	'43878664_/6246265'		0.73	1.53	3.33	0.584	0.5	2.29	0.98 No	0.5 Element Fault
TER062	480	'6250495_/6250493'		1.8	4.3	10	1.76	3.4	6.4	2.94 No	1.76 Thermal Discharging
TER062	481	'6250705_/43878756'		0.73	1.5	3.33	0.584	0.5	2.27	0.98 No	0.5 Element Fault
TER062	482	'6249708_/6249706_1'		0.63	1.43	3.33	0.584	0.2	2.16	0.98 No	0.2 Element Fault
TER062	483	'6244718_/6244716_1'		0.67	1.53	3.33	0.584	0.3	2.33	0.98 No	0.3 Element Fault
TER062	484	'6249618_/6249630'		1.13	2.87	6.67	1.176	1	4.3	1.96 No	1 Element Fault
TER062	485	'43879301_/43879303'		1.8	4.3	10	1.76	3.4	6.35	2.94 No	1.76 Thermal Discharging
TER062	486	'6586077_/6586146'		0.83	1.43	3.33	0.584	0.3	2.2	0.98 No	0.3 Element Fault
TER062	487	'6246450_/6246448'		0.57	1.43	3.33	0.584	0.5	2.13	0.98 No	0.5 Element Fault
TER062	488	'6260291_/43880225'		0.7	1.43	3.33	0.584	0.3	2.14	0.98 No	0.3 Element Fault
TER062	489	'6250081_/6250098'		1.7	4.3	10	1.76	3.4	6.3	2.94 No	1.7 Primary Over-Voltage
TER062	490	'6249071_/6249068'		0.63	1.37	3.33	0.584	1.1	2.16	0.98 No	0.584 Thermal Discharging
TER062	491	'6248990_/6248987'		1.9	4.1	10	1.76	4.1	6.48	2.94 No	1.76 Thermal Discharging
TER062	492	'6249058_/6249055'		0.83	1.43	3.33	0.584	0.5	2.18	0.98 No	0.5 Element Fault
TER062	493	'6244783_/6244781'		0.67	1.5	3.33	0.584	0.3	2.29	0.98 No	0.3 Element Fault
TER062	494	'6250080_/6250078'		1.7	4.2	10	1.76	3.4	6.27	2.94 No	1.7 Primary Over-Voltage
TER062	495	'6249100_/6249110_1'		0.83	1.4	3.33	0.584	0.3	2.17	0.98 No	0.3 Element Fault
TER062	496	'6250556_/6250566_1'		0.57	1.4	3.33	0.584	0.3	2.08	0.98 No	0.3 Element Fault
TER062	497	'6250064_/6250437'		1.7	4.2	10	1.76	3.4	6.22	2.94 No	1.7 Primary Over-Voltage
TER062	498	'6260031_/6260029'		1.7	4.2	10	1.76	1.6	6.35	2.94 No	1.6 Element Fault
TER062	499	'6260105_/6260118_1'		0.57	1.37	3.33	0.584	0.3	2.11	0.98 No	0.3 Element Fault
TER062	500	'43879277_/43879279'		1.7	4.2	10	1.76	3.4	6.19	2.94 No	1.7 Primary Over-Voltage
TER062	501	'6249113_/6249110_2'		0.8	1.4	3.33	0.584	0.3	2.14	0.98 No	0.3 Element Fault
TER062	502	'6249603_/6249615'		1.13	2.73	6.67	1.176	1	4.18	1.96 No	1 Element Fault
TER062	503	'6249721_/43878991'		0.63	1.37	3.33	0.584	0.2	2.09	0.98 No	0.2 Element Fault
TER062	504	'6249007_/6249004'		1.9	4	10	1.76	4.1	6.35	2.94 No	1.76 Thermal Discharging
TER062	505	'6250030_/6250044'		1.7	4.1	10	1.76	3.4	6.14	2.94 No	1.7 Primary Over-Voltage
TER062	506	'6260121_/6260118_2'		0.57	1.37	3.33	0.584	0.3	2.09	0.98 No	0.3 Element Fault
TER062	507	'6250029_/6250027'		1.7	4.1	10	1.76	3.4	6.12	2.94 No	1.7 Primary Over-Voltage
TER062	508	'411349691_/6250170'		1.7	4.1	10	1.76	3.4	6.12	2.94 No	1.7 Primary Over-Voltage
TER062	509	'43879314_/411349699'		1.7	4.1	10	1.76	3.4	6.11	2.94 No	1.7 Primary Over-Voltage
TER062	510	'43950097_/6586075'		0.8	1.37	3.33	0.584	0.3	2.11	0.98 No	0.3 Element Fault
TER062	511	'6250882_/6250879'		1.27	2.67	6.67	1.176	2.73	4.18	1.96 No	1.176 Thermal Discharging
TER062	512	'6249084_/6249081'		0.6	1.33	3.33	0.584	1.1	2.09	0.98 No	0.584 Thermal Discharging
TER062	513	'6251025_/43878666'		0.7	1.4	3.33	0.584	0.5	2.16	0.98 No	0.5 Element Fault
TER062	514	'6250365_/6250426'		1.7	4.1	10	1.76	3.4	6.05	2.94 No	1.7 Primary Over-Voltage
TER062	515	'6260062_/6260082'		1.6	4	10	1.76	1.6	6.2	2.94 No	1.6 Primary Over-Voltage
TER062	516	'6260330_/6260327'		0.7	1.33	3.33	0.584	0.3	2.05	0.98 No	0.3 Element Fault
TER062	517	'6250117_/6250566_2'		0.57	1.37	3.33	0.584	0.3	2.02	0.98 No	0.3 Element Fault
TER062	518	'277797891_/277797762_1'		1.7	4.1	10	1.76	1.5	6.03	2.94 No	1.5 Element Fault
TER062	519	'6249558_/6249600'		1.07	2.67	6.67	1.176	1	4.07	1.96 No	1 Element Fault
TER062	520	'6250395_/6250409'		1.6	4	10	1.76	3.4	6	2.94 No	1.6 Primary Over-Voltage
TER062	521	'6249452_/6250897'		1.2	2.6	6.67	1.176	2.73	4.12	1.96 No	1.176 Thermal Discharging
TER062	522	'43879406_/43879408'		0.63	1.43	3.33	0.584	0.3	2.18	0.98 No	0.3 Element Fault
TER062	523	'43878883_/6249021'		1.8	3.9	10	1.76	4.1	6.18	2.94 No	1.76 Thermal Discharging
TER062	524	'6260048_/6260131'		0.57	1.33	3.33	0.584	0.3	2.03	0.98 No	0.3 Element Fault
TER062	525	'6250014_/277797762_2'		1.6	4	10	1.76	1.5	5.96	2.94 No	1.5 Element Fault
TER062	526	'6250378_/6250392'		1.6	4	10	1.76	3.4	5.94	2.94 No	1.6 Primary Over-Voltage
TER062	527	'43878942_/6249249'		0.77	1.33	3.33	0.584	0.3	2.06	0.98 No	0.3 Element Fault
TER062	528	'43878977_/43878979'		1.07	2.6	6.67	1.176	1	4.02	1.96 No	1 Element Fault
TER062	529	'43878896_/6249450'		1.2	2.53	6.67	1.176	2.73	4.07	1.96 No	1.176 Thermal Discharging
TER062	530	'6249543_/6249540_2'		1.07	2.6	6.67	1.176	1	4	1.96 No	1 Element Fault
TER062	531	'6250337_/6250375'		1.6	3.9	10	1.76	3.4	5.89	2.94 No	1.6 Primary Over-Voltage
TER062	532	'6249041_/6249038'		1.8	3.8	10	1.76	4.1	6.08	2.94 No	1.76 Thermal Discharging
TER062	533	'6250118_/6250115'		0.57	1.3	3.33	0.584	0.3	1.96	0.98 No	0.3 Element Fault
TER062	534	'43879052_/43879054'		1.6	3.9	10	1.76	1.6	6	2.94 No	1.6 Primary Over-Voltage
TER062	535	'43879233_/6250335'		1.6	3.9	10	1.76	3.4	5.83	2.94 No	1.6 Primary Over-Voltage
TER062	536	'43879254_/473620219'		1.6	3.9	10	1.76	1.5	5.85	2.94 No	1.5 Element Fault
TER062	537	'43879788_/6258144'		0.67	1.33	3.33	0.584	0.5	2.07	0.98 No	0.5 Element Fault
TER062	538	'6249542_/6249540_1'		1.07	2.6	6.67	1.176	1	3.94	1.96 No	1 Element Fault
TER062	539	'6249962_/6250346'		0.53	1.3	3.33	0.584	1.1	1.93	0.98 No	0.53 Primary Over-Voltage
TER062	540	'6260049_/6260046'		0.57	1.27	3.33	0.584	0.3	1.98	0.98 No	0.3 Element Fault
TER062	541	'6586094_/43950099'		0.73	1.3	3.33	0.584	0.3	2.01	0.98 No	0.3 Element Fault
TER062	542	'6249889_/6249886'		1.6	3.9	10	1.76	3.4	5.77	2.94 No	1.6 Primary Over-Voltage
TER062	543	'6586106_/43878898'		0.57	1.23	3.33	0.584	1.37	1.98	0.98 No	0.57 Primary Over-Voltage
TER062	544	'6249268_/6249265'		0.73	1.27	3.33	0.584	0.3	2	0.98 No	0.3 Element Fault
TER062	545	'124277250_/43879222'		1.5	3.8	10	1.76	3.4	5.73	2.94 No	1.5 Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TER062	546	'44073867_/_44073869'	1.5	3.8	10	1.76	1.6	5.9	2.94 No	1.5	Primary Over-Voltage
TER062	547	'6244913_/_6244924'	0.6	1.37	3.33	0.584	0.3	2.08	0.98 No	0.3	Element Fault
TER062	548	'6250001_/_473620246'	1.5	3.8	10	1.76	1.5	5.75	2.94 No	1.5	Primary Over-Voltage
TER062	549	'6250819_/_6250816'	1.8	3.7	10	1.76	4.1	5.92	2.94 No	1.76	Thermal Discharging
TER062	550	'466432602_/_43879419'	1.5	3.7	10	1.76	1.6	5.87	2.94 No	1.5	Primary Over-Voltage
TER062	551	'466432703_/_466432600_1'	1.5	3.7	10	1.76	0.9	5.86	2.94 No	0.9	Element Fault
TER062	552	'6249872_/_6250187'	1.5	3.8	10	1.76	3.4	5.67	2.94 No	1.5	Primary Over-Voltage
TER062	553	'466432578_/_466432600_2'	1.5	3.7	10	1.76	0.9	5.84	2.94 No	0.9	Element Fault
TER062	554	'69411750_/_466432771'	1.5	3.7	10	1.76	1.6	5.84	2.94 No	1.5	Primary Over-Voltage
TER062	555	'6249855_/_6249869'	1.5	3.8	10	1.76	3.4	5.65	2.94 No	1.5	Primary Over-Voltage
TER062	556	'43879243_/_43879245'	0.53	1.23	3.33	0.584	1.1	1.88	0.98 No	0.53	Primary Over-Voltage
TER062	557	'43950120_/_6586104'	0.57	1.2	3.33	0.584	1.37	1.94	0.98 No	0.57	Primary Over-Voltage
TER062	558	'6249809_/_6249806_1'	0.5	1.23	3.33	0.584	0.3	1.93	0.98 No	0.3	Element Fault
TER062	559	'43880186_/_43880188'	1	2.47	6.67	1.176	1	3.82	1.96 No	1	Primary Over-Voltage
TER062	560	'6249854_/_6249852'	1.5	3.7	10	1.76	3.4	5.61	2.94 No	1.5	Primary Over-Voltage
TER062	561	'6250836_/_6250833'	1.8	3.6	10	1.76	4.1	5.82	2.94 No	1.76	Thermal Discharging
TER062	562	'6249988_/_473620257'	1.5	3.7	10	1.76	1.5	5.64	2.94 No	1.5	Primary Over-Voltage
TER062	563	'6250853_/_6250866_1'	0.6	1.2	3.33	0.584	0.5	1.93	0.98 No	0.5	Element Fault
TER062	564	'6249281_/_6249278'	0.7	1.23	3.33	0.584	0.3	1.94	0.98 No	0.3	Element Fault
TER062	565	'43879207_/_43879209'	1.5	3.7	10	1.76	3.4	5.56	2.94 No	1.5	Primary Over-Voltage
TER062	566	'6250131_/_6250128'	0.57	1.23	3.33	0.584	0.3	1.87	0.98 No	0.3	Element Fault
TER062	567	'6244848_/_6244911'	0.57	1.3	3.33	0.584	0.3	2.02	0.98 No	0.3	Element Fault
TER062	568	'69411798_/_6250640'	1.5	3.6	10	1.76	1.6	5.71	2.94 No	1.5	Primary Over-Voltage
TER062	569	'6250241_/_6250255'	1.5	3.7	10	1.76	3.4	5.53	2.94 No	1.5	Primary Over-Voltage
TER062	570	'7440429_/_9019581_1'	1.5	3.6	10	1.76	0.9	5.7	2.94 No	0.9	Element Fault
TER062	571	'43878907_/_6250866_2'	0.57	1.17	3.33	0.584	0.5	1.91	0.98 No	0.5	Element Fault
TER062	572	'6250607_/_463066042'	1.5	3.6	10	1.76	1.6	5.69	2.94 No	1.5	Primary Over-Voltage
TER062	573	'6250224_/_6250238'	1.5	3.7	10	1.76	3.4	5.5	2.94 No	1.5	Primary Over-Voltage
TER062	574	'6250144_/_6250141'	0.57	1.2	3.33	0.584	0.3	1.85	0.98 No	0.3	Element Fault
TER062	575	'643066172_/_8700082_2'	1.4	3.6	10	1.76	1.6	5.67	2.94 No	1.4	Primary Over-Voltage
TER062	576	'6254276_/_6254325'	1.7	3.5	10	1.76	4.1	5.7	2.94 No	1.7	Primary Over-Voltage
TER062	577	'43950125_/_43950122'	0.53	1.17	3.33	0.584	1.37	1.89	0.98 No	0.53	Primary Over-Voltage
TER062	578	'6249936_/_6249946'	0.53	1.2	3.33	0.584	1.1	1.83	0.98 No	0.53	Primary Over-Voltage
TER062	579	'43879181_/_6250221'	1.5	3.6	10	1.76	3.4	5.47	2.94 No	1.5	Primary Over-Voltage
TER062	580	'6249974_/_473620286'	1.5	3.6	10	1.76	1.5	5.53	2.94 No	1.5	Primary Over-Voltage
TER062	581	'6260218_/_43880200'	0.93	2.4	6.67	1.176	1	3.71	1.96 No	0.93	Primary Over-Voltage
TER062	582	'8700084_/_8700082_1'	1.4	3.6	10	1.76	0.9	5.63	2.94 No	0.9	Element Fault
TER062	583	'380984276_/_6250605'	0.93	2.33	6.67	1.176	1.07	3.74	1.96 No	0.93	Primary Over-Voltage
TER062	584	'6254277_/_6254274'	1.7	3.4	10	1.76	4.1	5.62	2.94 No	1.7	Primary Over-Voltage
TER062	585	'43879194_/_43879196'	1.4	3.6	10	1.76	3.4	5.41	2.94 No	1.4	Primary Over-Voltage
TER062	586	'6244849_/_6244846'	0.53	1.27	3.33	0.584	0.3	1.96	0.98 No	0.3	Element Fault
TER062	587	'6586022_/_7107654'	0.57	1.13	3.33	0.584	0.5	1.86	0.98 No	0.5	Element Fault
TER062	588	'6609775_/_7107571'	0.67	1.17	3.33	0.584	0.3	1.87	0.98 No	0.3	Element Fault
TER062	589	'6250290_/_6250288'	1.4	3.5	10	1.76	3.4	5.34	2.94 No	1.4	Primary Over-Voltage
TER062	590	'6249808_/_6249806_2'	0.5	1.17	3.33	0.584	0.3	1.84	0.98 No	0.3	Element Fault
TER062	591	'6250275_/_6250305'	1.4	3.5	10	1.76	3.4	5.33	2.94 No	1.4	Primary Over-Voltage
TER062	592	'473620321_/_473620318'	1.4	3.5	10	1.76	1.5	5.4	2.94 No	1.4	Primary Over-Voltage
TER062	593	'6254259_/_6254291'	1.7	3.4	10	1.76	4.1	5.54	2.94 No	1.7	Primary Over-Voltage
TER062	594	'6249923_/_6249933'	0.53	1.17	3.33	0.584	1.1	1.79	0.98 No	0.53	Primary Over-Voltage
TER062	595	'9019584_/_9019581_2'	1.4	3.5	10	1.76	0.9	5.5	2.94 No	0.9	Element Fault
TER062	596	'6586023_/_6586020'	0.53	1.13	3.33	0.584	0.5	1.83	0.98 No	0.5	Element Fault
TER062	597	'43879351_/_6244859'	0.53	1.23	3.33	0.584	0.3	1.91	0.98 No	0.3	Element Fault
TER062	598	'8089627_/_9661882_1'	0.53	1.1	3.33	0.584	0.3	1.82	0.98 No	0.3	Element Fault
TER062	599	'6609776_/_6609773_1'	0.67	1.17	3.33	0.584	0.3	1.83	0.98 No	0.3	Element Fault
TER062	600	'6254260_/_6254257'	1.7	3.3	10	1.76	4.1	5.46	2.94 No	1.7	Primary Over-Voltage
TER062	601	'43952094_/_6609773_2'	0.67	1.13	3.33	0.584	0.3	1.82	0.98 No	0.3	Element Fault
TER062	602	'473620416_/_473620414'	1.4	3.4	10	1.76	1.5	5.31	2.94 No	1.4	Primary Over-Voltage
TER062	603	'7454862_/_7454860_1'	1.7	3.3	10	1.76	1.7	5.44	2.94 No	1.7	Primary Over-Voltage
TER062	604	'43950131_/_6586133'	0.53	1.1	3.33	0.584	0.5	1.8	0.98 No	0.5	Element Fault
TER062	605	'6250274_/_6250272'	0.47	1.13	3.33	0.584	1.1	1.73	0.98 No	0.47	Primary Over-Voltage
TER062	606	'8714454_/_9661882_2'	0.53	1.1	3.33	0.584	0.3	1.8	0.98 No	0.3	Element Fault
TER062	607	'6249922_/_6249920'	0.53	1.13	3.33	0.584	1.1	1.74	0.98 No	0.53	Primary Over-Voltage
TER062	608	'8714455_/_8714452'	0.53	1.1	3.33	0.584	0.3	1.78	0.98 No	0.3	Element Fault
TER062	609	'6239904_/_7107390'	1.6	3.2	10	1.76	4.1	5.35	2.94 No	1.6	Primary Over-Voltage
TER062	610	'6250581_/_6250579'	0.5	1.1	3.33	0.584	0.3	1.77	0.98 No	0.3	Element Fault
TER062	611	'6244796_/_6244872'	0.5	1.17	3.33	0.584	0.3	1.85	0.98 No	0.3	Element Fault
TER062	612	'6586136_/_43950133'	0.53	1.07	3.33	0.584	0.5	1.76	0.98 No	0.5	Element Fault
TER062	613	'7454863_/_7454860_2'	1.6	3.2	10	1.76	1.7	5.28	2.94 No	1.6	Primary Over-Voltage
TER062	614	'6250324_/_6250322'	0.43	1.1	3.33	0.584	1.1	1.69	0.98 No	0.43	Primary Over-Voltage
TER062	615	'6250594_/_6250592'	0.5	1.1	3.33	0.584	0.3	1.74	0.98 No	0.3	Element Fault
TER062	616	'6239804_/_6239902'	1.6	3.2	10	1.76	4.1	5.25	2.94 No	1.6	Primary Over-Voltage
TER062	617	'6586038_/_43952096'	0.63	1.1	3.33	0.584	0.3	1.75	0.98 No	0.3	Element Fault
TER062	618	'154647911_/_130477029_2'	1.6	3.1	10	1.76	4.1	5.22	2.94 No	1.6	Primary Over-Voltage
TER062	619	'6250470_/_6250480'	0.53	1.1	3.33	0.584	1.1	1.69	0.98 No	0.53	Primary Over-Voltage
TER062	620	'6244797_/_6244794'	0.5	1.13	3.33	0.584	0.3	1.79	0.98 No	0.3	Element Fault
TER062	621	'130476993_/_130477029_1'	1.6	3.1	10	1.76	1.8	5.15	2.94 No	1.6	Primary Over-Voltage
TER062	622	'6239805_/_6239802'	1.6	3.1	10	1.76	4.1	5.15	2.94 No	1.6	Primary Over-Voltage
TER062	623	'43879159_/_6250523'	0.43	1.07	3.33	0.584	1.1	1.65	0.98 No	0.43	Primary Over-Voltage
TER062	624	'6250457_/_6250467'	0.53	1.07	3.33	0.584	1.1	1.66	0.98 No	0.53	Primary Over-Voltage
TER062	625	'43950063_/_6586036'	0.6	1.07	3.33	0.584	0.3	1.71	0.98 No	0.3	Element Fault
TER062	626	'6239822_/_6239819'	1.5	3	10	1.76	4.1	5.09	2.94 No	1.5	Primary Over-Voltage
TER062	627	'6250456_/_6250454'	0.53	1.03	3.33	0.584	1.1	1.64	0.98 No	0.53	Primary Over-Voltage
TER062	628	'6242273_/_6250510'	0.4	1.03	3.33	0.584	1.1	1.62	0.98 No	0.4	Primary Over-Voltage
TER062	629	'6239839_/_6239836'	1.5	3	10	1.76	4.1	5.01	2.94 No	1.5	Primary Over-Voltage
TER062	630	'43879362_/_6244885'	0.47	1.1	3.33	0.584	0.3	1.73	0.98 No	0.3	Element Fault
TER062	631	'6586052_/_43950065'	0.57	1.03	3.33	0.584	0.3	1.66	0.98 No	0.3	Element Fault
TER062	632	'7440225_/_9056085_1'	0.5	1	3.33	0.584	0.5	1.66	0.98 No	0.5	Primary Over-Voltage
TER062	633	'6239856_/_6239853'	1.5	2.9	10	1.76	4.1	4.93	2.94 No	1.5	Primary Over-Voltage
TER062	634	'6242272_/_6242270'	0.4	1	3.33	0.584	1.1	1.57	0.98 No	0.4	Primary Over-Voltage
TER062	635	'6257432_/_6257430'	0.4	1	3.33	0.584	1.1	1.57	0.98 No	0.4	Primary Over-Voltage
TER062	636	'6586065_/_6586062'	0.57	1	3.33	0.584	0.3	1.63	0.98 No	0.3	Element Fault
TER062	637	'43875466_/_6239870'	1.5	2.9	10	1.76	4.1	4.87	2.94 No	1.5	Primary Over-Voltage
TER062	638	'6244809_/_43879364'	0.43	1.03	3.33	0.584	0.3	1.67	0.98 No	0.3	Element Fault
TER062	639	'9056088_/_9056085_2'	0.5	0.97	3.33	0.584	0.5	1.6	0.98 No	0.5	Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage	Regulator	Thermal	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
				Deviation	Deviation	Discharging				VSR (MW)	Limiting Threshold
TER062	640	'43879170_/_43879172'		0.4	1	3.33	0.584	1.1	1.53	0.98 No	0.4 Primary Over-Voltage
TER062	641	'6239922_/_6239919'		1.4	2.8	10	1.76	4.1	4.75	2.94 No	1.4 Primary Over-Voltage
TER062	642	'43950075_/_6603260'		0.53	0.97	3.33	0.584	0.3	1.58	0.98 No	0.3 Element Fault
TER062	643	'434680596_/_6239976_1'		1.4	2.8	10	1.76	1.5	4.74	2.94 No	1.4 Primary Over-Voltage
TER062	644	'6244810_/_6244807_1'		0.43	1.03	3.33	0.584	0.3	1.62	0.98 No	0.3 Element Fault
TER062	645	'434680480_/_6239976_2'		1.4	2.8	10	1.76	1.5	4.7	2.94 No	1.4 Primary Over-Voltage
TER062	646	'43879373_/_6244807_2'		0.43	1	3.33	0.584	0.3	1.61	0.98 No	0.3 Element Fault
TER062	647	'6239942_/_6239939'		1.4	2.8	10	1.76	3.8	4.69	2.94 No	1.4 Primary Over-Voltage
TER062	648	'434680460_/_434680482'		1.4	2.7	10	1.76	1.5	4.65	2.94 No	1.4 Primary Over-Voltage
TER062	649	'434680530_/_434680331_1'		1.4	2.7	10	1.76	0.9	4.64	2.94 No	0.9 Element Fault
TER062	650	'6257445_/_6257443'		0.37	0.97	3.33	0.584	1.1	1.49	0.98 No	0.37 Primary Over-Voltage
TER062	651	'6905273_/_434680462'		0.93	1.8	6.67	1.176	1	3.07	1.96 No	0.93 Primary Over-Voltage
TER062	652	'6239959_/_6239956_1'		1.4	2.7	10	1.76	2.6	4.6	2.94 No	1.4 Primary Over-Voltage
TER062	653	'43875479_/_6239956_2'		1.4	2.7	10	1.76	2.6	4.58	2.94 No	1.4 Primary Over-Voltage
TER062	654	'43950041_/_43950043'		0.53	0.93	3.33	0.584	0.3	1.53	0.98 No	0.3 Element Fault
TER062	655	'9019364_/_434680331_2'		1.4	2.7	10	1.76	0.9	4.57	2.94 No	0.9 Element Fault
TER062	656	'6244822_/_43879375'		0.4	0.97	3.33	0.584	0.3	1.56	0.98 No	0.3 Element Fault
TER062	657	'6240501_/_43875481'		1.4	2.7	10	1.76	2.6	4.52	2.94 No	1.4 Primary Over-Voltage
TER062	658	'6240443_/_6240532'		1.3	2.6	10	1.76	2.6	4.48	2.94 No	1.3 Primary Over-Voltage
TER062	659	'6905274_/_6905271'		0.93	1.73	6.67	1.176	1	2.97	1.96 No	0.93 Primary Over-Voltage
TER062	660	'43950052_/_6603205'		0.5	0.9	3.33	0.584	0.3	1.48	0.98 No	0.3 Element Fault
TER062	661	'43879384_/_6244820'		0.4	0.93	3.33	0.584	0.3	1.51	0.98 No	0.3 Element Fault
TER062	662	'6244823_/_8070529_2'		0.4	0.93	3.33	0.584	0.3	1.5	0.98 No	0.3 Element Fault
TER062	663	'43876903_/_6240515'		1.3	2.6	10	1.76	2.6	4.39	2.94 No	1.3 Primary Over-Voltage
TER062	664	'43951109_/_43950054'		0.5	0.9	3.33	0.584	0.3	1.46	0.98 No	0.3 Element Fault
TER062	665	'43875492_/_6240441'		1.3	2.6	10	1.76	2.6	4.38	2.94 No	1.3 Primary Over-Voltage
TER062	666	'6905305_/_6905302'		0.93	1.73	6.67	1.176	1	2.9	1.96 No	0.93 Primary Over-Voltage
TER062	667	'6600761_/_43951111'		0.5	0.87	3.33	0.584	0.3	1.44	0.98 No	0.3 Element Fault
TER062	668	'6240444_/_43875494'		1.3	2.5	10	1.76	2.6	4.3	2.94 No	1.3 Primary Over-Voltage
TER062	669	'6240480_/_6240555'		1.3	2.5	10	1.76	2.6	4.28	2.94 No	1.3 Primary Over-Voltage
TER062	670	'6905289_/_6905286'		0.47	0.83	3.33	0.584	0.5	1.42	0.98 No	0.47 Primary Over-Voltage
TER062	671	'8070532_/_8070529_1'		0.4	0.9	3.33	0.584	0.2	1.46	0.98 No	0.2 Element Fault
TER062	672	'43951120_/_6603234'		0.47	0.87	3.33	0.584	0.3	1.41	0.98 No	0.3 Element Fault
TER062	673	'6240481_/_6240478'		1.3	2.5	10	1.76	2.6	4.22	2.94 No	1.3 Primary Over-Voltage
TER062	674	'6240612_/_6240609'		1.3	2.4	10	1.76	2.6	4.2	2.94 No	1.3 Primary Over-Voltage
TER062	675	'8070424_/_8412094_1'		1.3	2.4	10	1.76	1.7	4.19	2.94 No	1.3 Primary Over-Voltage
TER062	676	'6907433_/_6907430'		0.47	0.8	3.33	0.584	0.5	1.38	0.98 No	0.47 Primary Over-Voltage
TER062	677	'43876916_/_6240629'		1.2	2.4	10	1.76	2.6	4.16	2.94 No	1.2 Primary Over-Voltage
TER062	678	'6603250_/_6603247'		0.47	0.83	3.33	0.584	0.3	1.37	0.98 No	0.3 Element Fault
TER062	679	'43876981_/_6240669'		1.2	2.4	10	1.76	2.6	4.13	2.94 No	1.2 Primary Over-Voltage
TER062	680	'43876929_/_6240592'		1.2	2.4	10	1.76	2.6	4.12	2.94 No	1.2 Primary Over-Voltage
TER062	681	'43876942_/_6240458'		1.2	2.4	10	1.76	2.6	4.06	2.94 No	1.2 Primary Over-Voltage
TER062	682	'6240577_/_6240703'		1.2	2.4	10	1.76	2.6	4.05	2.94 No	1.2 Primary Over-Voltage
TER062	683	'74265354_/_74265269_1'		1.2	2.4	10	1.76	1.5	4.05	2.94 No	1.2 Primary Over-Voltage
TER062	684	'74265272_/_74265269_2'		1.2	2.3	10	1.76	1.5	4.02	2.94 No	1.2 Primary Over-Voltage
TER062	685	'6240461_/_43876944'		1.2	2.3	10	1.76	2.6	4.01	2.94 No	1.2 Primary Over-Voltage
TER062	686	'8412097_/_8412094_2'		1.2	2.3	10	1.76	1.7	3.93	2.94 No	1.2 Primary Over-Voltage
TER062	687	'8409028_/_9046587'		1.2	2.2	10	1.76	1.7	3.89	2.94 No	1.2 Primary Over-Voltage
TER062	688	'8409029_/_8409026'		1.2	2.2	10	1.76	1.7	3.85	2.94 No	1.2 Primary Over-Voltage
TER062	689	'72828711_/_72828722'		1.1	2.2	10	1.76	1.7	3.76	2.94 No	1.1 Primary Over-Voltage
TER063	0	'TER063_/_9295652'		10	10	10	1.976	10	10	6.44 No	1.976 Thermal Discharging
TER063	1	'8390070_/_9295652'		10	10	10	1.976	10	10	6.44 No	1.976 Thermal Discharging
TER063	2	'8075237_/_8390068'		10	10	10	1.976	10	10	6.44 No	1.976 Thermal Discharging
TER063	3	'156760173_/_8075235'		10	10	10	1.976	10	10	6.44 No	1.976 Thermal Discharging
TER063	4	'156760862_/_156760371'		10	10	10	1.976	10	10	6.44 No	1.976 Thermal Discharging
TER063	5	'156761102_/_156749534'		10	10	10	1.976	10	10	6.44 No	1.976 Thermal Discharging
TER063	6	'156760197_/_156760793'		10	10	10	1.976	10	10	6.44 No	1.976 Thermal Discharging
TER063	7	'7754232_/_156760199'		10	10	10	1.976	10	10	6.44 No	1.976 Thermal Discharging
TER063	8	'9019911_/_9646447'		10	10	10	1.976	10	10	6.44 No	1.976 Thermal Discharging
TER063	9	'7753995_/_9019909'		10	10	10	1.976	10	10	6.44 No	1.976 Thermal Discharging
TER063	10	'7753996_/_7753993'		10	10	10	1.976	10	10	6.44 No	1.976 Thermal Discharging
TER063	11	'49996011_/_8700062_1'		10	10	10	1.976	10	10	6.44 No	1.976 Thermal Discharging
TER063	12	'43880026_/_8700062_2'		10	10	10	1.976	10	10	6.44 No	1.976 Thermal Discharging
TER063	13	'6258939_/_43880028'		10	10	10	1.976	10	10	6.44 No	1.976 Thermal Discharging
TER063	14	'43879949_/_6258937'		10	10	10	1.976	10	10	6.44 No	1.976 Thermal Discharging
TER063	15	'6252766_/_6258957'		10	10	10	1.976	10	10	6.44 No	1.976 Thermal Discharging
TER063	16	'7754135_/_7754133_1'		10	10	10	1.976	1.5	10	6.44 No	1.5 Element Fault
TER063	17	'43878368_/_6252764'		10	10	10	1.976	10	10	6.44 No	1.976 Thermal Discharging
TER063	18	'6256193_/_43878370'		10	10	10	1.976	10	10	6.44 No	1.976 Thermal Discharging
TER063	19	'7440572_/_7440570_1'		3.33	3.33	3.33	0.656	0.5	3.33	2.15 No	0.5 Element Fault
TER063	20	'6256194_/_6256191'		10	10	10	1.976	10	10	6.44 No	1.976 Thermal Discharging
TER063	21	'6256211_/_6256208'		10	10	10	1.976	10	10	6.44 No	1.976 Thermal Discharging
TER063	22	'6256228_/_6256225'		10	10	10	1.976	10	10	6.44 No	1.976 Thermal Discharging
TER063	23	'9295183_/_9646095_1'		3.33	3.33	3.33	0.656	0.5	3.33	2.15 No	0.5 Element Fault
TER063	24	'6256176_/_6256242'		10	10	10	1.976	10	10	6.44 No	1.976 Thermal Discharging
TER063	25	'6256177_/_6256174'		10	10	10	1.976	10	10	6.44 No	1.976 Thermal Discharging
TER063	26	'7440573_/_7440570_2'		3.33	3.33	3.33	0.656	0.5	3.33	2.15 No	0.5 Element Fault
TER063	27	'368365001_/_368364910_1'		10	10	10	1.976	1.5	10	6.44 No	1.5 Element Fault
TER063	28	'8389679_/_8699796_1'		3.33	3.33	3.33	0.656	0.5	3.33	2.15 No	0.5 Element Fault
TER063	29	'43878307_/_6256262'		10	10	10	1.976	10	10	6.44 No	1.976 Thermal Discharging
TER063	30	'7754136_/_7754133_2'		10	10	10	1.976	1.5	10	6.44 No	1.5 Element Fault
TER063	31	'6256299_/_43878309'		10	10	10	1.976	10	10	6.44 No	1.976 Thermal Discharging
TER063	32	'6256281_/_6256313'		10	10	10	1.976	10	10	6.44 No	1.976 Thermal Discharging
TER063	33	'8070635_/_9646095_2'		3.33	3.33	3.33	0.656	0.5	3.33	2.15 No	0.5 Element Fault
TER063	34	'6256282_/_6256279'		10	10	10	1.976	10	10	6.44 No	1.976 Thermal Discharging
TER063	35	'6256332_/_6256415'		10	10	10	1.976	10	10	6.44 No	1.976 Thermal Discharging
TER063	36	'43878320_/_6256330'		10	10	10	1.976	10	10	6.44 No	1.976 Thermal Discharging
TER063	37	'8070636_/_8070633'		3.33	3.33	3.33	0.656	0.5	3.33	2.15 No	0.5 Element Fault
TER063	38	'6256350_/_43878322'		10	10	10	1.976	10	10	6.44 No	1.976 Thermal Discharging
TER063	39	'9019656_/_9019653'		10	10	10	1.976	1.5	10	6.44 No	1.5 Element Fault
TER063	40	'6256367_/_6256364'		10	10	10	1.976	10	10	6.44 No	1.976 Thermal Discharging
TER063	41	'6256384_/_6256381'		10	10	10	1.976	10	10	6.44 No	1.976 Thermal Discharging
TER063	42	'7753900_/_9295028'		3.33	3.33	3.33	0.656	0.5	3.33	2.15 No	0.5 Element Fault
TER063	43	'9019755_/_9019753'		3.33	3.33	3.33	0.656	0.5	3.33	2.15 No	0.5 Element Fault

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TER063	44	'6256074_/_6256398'		10	10	10	1.976	10	10	6.44 No	1.976 Thermal Discharging
TER063	45	'8070563_/_8699796_2'	3.33	3.33	3.33	3.33	0.656	0.5	3.33	2.15 No	0.5 Element Fault
TER063	46	'43877511_/_6256072'		10	10	10	1.976	10	10	6.44 No	1.976 Thermal Discharging
TER063	47	'38640963_/_8070669_1'	3.33	3.33	3.33	3.33	0.656	0.9	3.33	2.15 No	0.656 Thermal Discharging
TER063	48	'8070672_/_8070669_2'	3.33	3.33	3.33	3.33	0.656	0.9	3.33	2.15 No	0.656 Thermal Discharging
TER063	49	'6255915_/_6256055'		10	10	10	1.976	10	10	6.44 No	1.976 Thermal Discharging
TER063	50	'368364891_/_368364910_2'		10	10	10	1.976	1.5	10	6.44 No	1.5 Element Fault
TER063	51	'6255916_/_6255913'		10	10	10	1.976	10	10	6.44 No	1.976 Thermal Discharging
TER063	52	'9019740_/_9019737'	3.33	3.33	3.33	3.33	0.656	0.9	3.33	2.15 No	0.656 Thermal Discharging
TER063	53	'8070652_/_9646055_1'		10	10	10	1.976	1.6	10	6.44 No	1.6 Element Fault
TER063	54	'43877524_/_6256089'		10	10	10	1.976	10	10	6.44 No	1.976 Thermal Discharging
TER063	55	'450220243_/_43877526'		10	10	10	1.976	10	10	6.44 No	1.976 Thermal Discharging
TER063	56	'450220216_/_6255930'		10	10	10	1.976	10	10	6.44 No	1.976 Thermal Discharging
TER063	57	'467584706_/_450221179_1'	3.33	3.33	3.33	3.33	0.656	0.5	3.33	2.15 No	0.5 Element Fault
TER063	58	'454093134_/_450221179_2'	3.33	3.33	3.33	3.33	0.656	0.5	3.33	2.15 No	0.5 Element Fault
TER063	59	'467912708_/_450221066_1'		10	10	10	1.976	10	10	6.44 No	1.976 Thermal Discharging
TER063	60	'7440464_/_7753897'	3.33	3.33	3.33	3.33	0.656	0.5	3.33	2.15 No	0.5 Element Fault
TER063	61	'9646058_/_9646055_2'		10	10	10	1.976	1.6	10	6.44 No	1.6 Element Fault
TER063	62	'9295046_/_9295060'	3.33	3.33	3.33	3.33	0.656	0.5	3.33	2.15 No	0.5 Element Fault
TER063	63	'7440448_/_8070561'	3.33	3.33	3.33	3.33	0.656	0.5	3.33	2.15 No	0.5 Element Fault
TER063	64	'454092982_/_450221066_2'		10	10	10	1.976	10	10	6.44 No	1.976 Thermal Discharging
TER063	65	'454092868_/_450220735'		10	10	10	1.976	10	10	6.44 No	1.976 Thermal Discharging
TER063	66	'454092986_/_450220743'		10	10	10	1.976	10	10	6.44 No	1.976 Thermal Discharging
TER063	67	'454092990_/_450220759'		10	10	10	1.976	10	10	6.44 No	1.976 Thermal Discharging
TER063	68	'454092879_/_450220751'		10	10	10	1.976	4.8	10	6.44 No	1.976 Thermal Discharging
TER063	69	'467193122_/_450221008_1'		10	10	10	1.976	10	10	6.44 No	1.976 Thermal Discharging
TER063	70	'450220971_/_450221008_2'		10	10	10	1.976	10	10	6.44 No	1.976 Thermal Discharging
TER063	71	'475426886_/_469704934'		10	10	10	1.976	4.8	10	6.44 No	1.976 Thermal Discharging
TER063	72	'43877365_/_43877367'		10	10	10	1.976	10	10	6.44 No	1.976 Thermal Discharging
TER063	73	'6246496_/_6246493_2'		10	10	10	1.976	10	10	6.44 No	1.976 Thermal Discharging
TER063	74	'467193466_/_450220928_1'		10	10	10	1.976	10	10	6.44 No	1.976 Thermal Discharging
TER063	75	'6256024_/_450220928_2'		10	10	10	1.976	10	10	6.44 No	1.976 Thermal Discharging
TER063	76	'454092639_/_450221298_1'	3.33	3.33	3.33	3.33	0.656	0.5	3.33	2.15 No	0.5 Element Fault
TER063	77	'6255847_/_6256157'		10	10	10	1.976	10	10	6.44 No	1.976 Thermal Discharging
TER063	78	'450221331_/_450221298_2'	3.33	3.33	3.33	3.33	0.656	0.5	3.33	2.15 No	0.5 Element Fault
TER063	79	'7440449_/_7440446'	3.33	3.33	3.33	3.33	0.656	0.5	3.33	2.15 No	0.5 Element Fault
TER063	80	'6255848_/_6255845'		10	10	10	1.976	10	10	6.44 No	1.976 Thermal Discharging
TER063	81	'7440465_/_7440462'	3.33	3.33	3.33	3.33	0.656	0.5	3.33	2.15 No	0.5 Element Fault
TER063	82	'6255865_/_6255862'		10	10	10	1.976	10	10	6.44 No	1.976 Thermal Discharging
TER063	83	'6255882_/_6255879'		10	10	10	1.976	10	10	6.44 No	1.976 Thermal Discharging
TER063	84	'50960204_/_9646039_1'	3.33	3.33	3.33	3.33	0.656	0.6	3.33	2.15 No	0.6 Element Fault
TER063	85	'9295047_/_9295044'	3.33	3.33	3.33	3.33	0.656	0.5	3.33	2.15 No	0.5 Element Fault
TER063	86	'50960191_/_9646039_2'	3.33	3.33	3.33	3.33	0.656	0.6	3.33	2.15 No	0.6 Element Fault
TER063	87	'6255899_/_6255896'		10	10	10	1.976	10	10	6.44 No	1.976 Thermal Discharging
TER063	88	'43875143_/_7107459'		10	10	10	1.976	10	10	6.44 No	1.976 Thermal Discharging
TER063	89	'6240111_/_43875145'		10	10	10	1.976	10	10	6.44 No	1.976 Thermal Discharging
TER063	90	'6240112_/_6240228_1'		10	10	10	1.976	1.5	10	6.44 No	1.5 Element Fault
TER063	91	'43875156_/_6240143'		10	10	10	1.976	10	10	6.44 No	1.976 Thermal Discharging
TER063	92	'8070580_/_9019637'	3.33	3.33	3.33	3.33	0.656	0.5	3.33	2.15 No	0.5 Element Fault
TER063	93	'8070579_/_9645943_1'	3.33	3.33	3.33	3.33	0.656	0.5	3.33	2.15 No	0.5 Element Fault
TER063	94	'6240146_/_43875158'		10	10	10	1.976	10	10	6.44 No	1.976 Thermal Discharging
TER063	95	'6240163_/_6240160'		10	10	10	1.976	10	10	6.44 No	1.976 Thermal Discharging
TER063	96	'8070348_/_8070401_2'		10	10	10	1.976	4.5	10	6.44 No	1.976 Thermal Discharging
TER063	97	'6240197_/_6240194'		10	10	10	1.976	10	10	6.44 No	1.976 Thermal Discharging
TER063	98	'6251730_/_6251890'	3.33	3.33	3.33	3.33	0.656	0.6	3.33	2.15 No	0.6 Element Fault
TER063	99	'6240214_/_6240211'		10	10	10	1.976	10	10	6.44 No	1.976 Thermal Discharging
TER063	100	'6240251_/_6240248'		10	10	10	1.976	10	10	6.44 No	1.976 Thermal Discharging
TER063	101	'69412335_/_6240265_1'		10	10	10	1.976	10	10	6.44 No	1.976 Thermal Discharging
TER063	102	'6251866_/_6251864_1'	3.33	3.33	3.33	3.33	0.656	0.3	3.33	2.15 No	0.3 Element Fault
TER063	103	'6251718_/_6251715_2'	3.33	3.33	3.33	3.33	0.656	0.6	3.33	2.15 No	0.6 Element Fault
TER063	104	'8070383_/_8070381_2'		10	10	10	1.976	10	10	6.44 No	1.976 Thermal Discharging
TER063	105	'6251731_/_6251728'	3.33	3.33	3.33	3.33	0.656	0.6	3.33	2.15 No	0.6 Element Fault
TER063	106	'7753620_/_8070365_1'	3.33	3.33	3.33	3.33	0.656	0.5	3.33	2.15 No	0.5 Element Fault
TER063	107	'6238983_/_6240228_2'		10	10	10	1.976	1.5	10	6.44 No	1.5 Element Fault
TER063	108	'6251747_/_6251744'	3.33	3.33	3.33	3.33	0.656	0.6	3.33	2.15 No	0.6 Element Fault
TER063	109	'6246466_/_6251757'	3.33	3.33	3.33	3.33	0.656	0.6	3.33	2.15 No	0.6 Element Fault
TER063	110	'6246467_/_6246477_1'	3.33	3.33	3.33	3.33	0.656	0.3	3.33	2.15 No	0.3 Element Fault
TER063	111	'6251867_/_6251864_2'	3.33	3.33	3.33	3.33	0.656	0.3	3.33	2.15 No	0.3 Element Fault
TER063	112	'6246526_/_6251715_1'	3.33	3.33	3.33	3.33	0.656	0.3	3.33	2.15 No	0.3 Element Fault
TER063	113	'6246638_/_6251770'	3.33	3.33	3.33	3.33	0.656	0.6	3.33	2.15 No	0.6 Element Fault
TER063	114	'43877444_/_6251864_3'	3.33	3.33	3.33	3.33	0.656	0.3	3.33	2.15 No	0.3 Element Fault
TER063	115	'6246480_/_6246477_2'	3.33	3.33	3.33	3.33	0.656	0.3	3.33	2.15 No	0.3 Element Fault
TER063	116	'6246652_/_6246665_1'	3.33	3.33	3.33	3.33	0.656	0.3	3.33	2.15 No	0.3 Element Fault
TER063	117	'8070403_/_8070401_1'		10	10	10	1.976	1.7	10	6.44 No	1.7 Element Fault
TER063	118	'51033399_/_6238981'		10	10	10	1.976	1.5	10	6.44 No	1.5 Element Fault
TER063	119	'6246626_/_6246636'	3.33	3.33	3.33	3.33	0.656	0.6	3.33	2.15 No	0.6 Element Fault
TER063	120	'6246625_/_6246623'	3.33	3.33	3.33	3.33	0.656	0.6	3.33	2.15 No	0.6 Element Fault
TER063	121	'6246668_/_6246665_2'	3.33	3.33	3.33	3.33	0.656	0.3	3.33	2.15 No	0.3 Element Fault
TER063	122	'43877477_/_43877479'	3.33	3.33	3.33	3.33	0.656	0.3	3.33	2.15 No	0.3 Element Fault
TER063	123	'6251620_/_6251618'	3.33	3.33	3.33	3.33	0.656	0.6	3.33	2.15 No	0.6 Element Fault
TER063	124	'6233616_/_6233629'		10	10	10	1.976	1.5	10	6.44 No	1.5 Element Fault
TER063	125	'7753563_/_9369614_2'		10	10	10	1.976	1.5	10	6.44 No	1.5 Element Fault
TER063	126	'6251909_/_43877446'	3.33	3.33	3.33	3.33	0.656	0.3	3.33	2.15 No	0.3 Element Fault
TER063	127	'6252100_/_6252110'	3.33	3.33	3.33	3.33	0.656	0.6	3.33	2.15 No	0.6 Element Fault
TER063	128	'43875132_/_43875134'	3.33	3.33	3.33	3.33	0.656	0.5	3.33	2.15 No	0.5 Element Fault
TER063	129	'6233615_/_9332660_1'	3.33	3.33	3.33	3.33	0.656	0.3	3.33	2.15 No	0.3 Element Fault
TER063	130	'6246552_/_6246549_2'	3.33	3.33	3.33	3.33	0.656	0.6	3.33	2.15 No	0.6 Element Fault
TER063	131	'9369616_/_9369614_1'		10	10	10	1.976	0.9	10	6.44 No	0.9 Element Fault
TER063	132	'6252087_/_6252097'	3.33	3.33	3.33	3.33	0.656	0.6	3.33	2.15 No	0.6 Element Fault
TER063	133	'6251608_/_6252084'	3.33	3.33	3.33	3.33	0.656	0.6	3.33	2.15 No	0.6 Element Fault
TER063	134	'6251786_/_6251783'	3.33	3.33	3.33	3.33	0.656	0.3	3.33	2.15 No	0.3 Element Fault
TER063	135	'6251595_/_6251605'	3.33	3.33	3.33	3.33	0.656	0.6	3.33	2.15 No	0.6 Element Fault
TER063	136	'6246512_/_6246510'	3.33	3.33	3.33	3.33	0.656	0.3	3.33	2.15 No	0.3 Element Fault
TER063	137	'6251922_/_6251919'	3.33	3.33	3.33	3.33	0.656	0.3	3.33	2.15 No	0.3 Element Fault

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TER063	138	'43877411_/_6251799'		3.33	3.33	3.33	0.656	0.3	3.33	2.15 No	0.3 Element Fault
TER063	139	'6251647_/_6251644_2'		3.33	3.33	3.33	0.656	0.6	3.33	2.15 No	0.6 Element Fault
TER063	140	'37962157_/_9332660_2'		3.33	3.33	3.33	0.656	0.3	3.33	2.15 No	0.3 Element Fault
TER063	141	'37962158_/_37962155'		3.33	3.33	3.33	0.656	0.3	3.33	2.15 No	0.3 Element Fault
TER063	142	'37962199_/_37962197'		3.33	3.33	3.33	0.656	0.3	3.33	2.15 No	0.3 Element Fault
TER063	143	'37962164_/_37962162'		3.33	3.33	3.33	0.656	0.3	3.33	2.15 No	0.3 Element Fault
TER063	144	'37962171_/_37962169'		3.33	3.33	3.33	0.656	0.3	3.33	2.15 No	0.3 Element Fault
TER063	145	'6251582_/_6251592'		3.33	3.33	3.33	0.656	0.6	3.33	2.15 No	0.6 Element Fault
TER063	146	'6251569_/_6251579'		3.33	3.33	3.33	0.656	0.6	3.33	2.15 No	0.6 Element Fault
TER063	147	'43877455_/_6251932'		3.33	3.33	3.33	0.656	0.3	3.33	2.15 No	0.3 Element Fault
TER063	148	'43877489_/_6246549_1'		3.33	3.33	3.33	0.656	0.3	3.33	2.15 No	0.3 Element Fault
TER063	149	'6246568_/_6251644_1'		3.33	3.33	3.33	0.656	0.3	3.33	2.15 No	0.3 Element Fault
TER063	150	'6246597_/_6251566'		3.33	3.33	3.33	0.656	0.6	3.33	2.15 No	0.6 Element Fault
TER063	151	'6252058_/_6252071_2'		3.33	3.33	3.33	0.656	0.6	3.33	2.15 No	0.6 Element Fault
TER063	152	'211729580_/_8070381_1'		10	10	10	1.976	10	10	6.44 No	1.976 Thermal Discharging
TER063	153	'211729783_/_211727869'		10	10	10	1.976	10	10	6.44 No	1.976 Thermal Discharging
TER063	154	'6246581_/_6246594'		3.33	3.33	3.33	0.656	0.6	3.33	2.15 No	0.6 Element Fault
TER063	155	'6246681_/_6246691'		3.33	3.33	3.33	0.656	0.3	3.33	2.15 No	0.3 Element Fault
TER063	156	'211727942_/_211727939'		10	10	10	1.976	10	10	6.44 No	1.976 Thermal Discharging
TER063	157	'6251948_/_43877457'		3.33	3.33	3.33	0.656	0.3	3.33	2.15 No	0.3 Element Fault
TER063	158	'6251815_/_43877413'		3.33	3.33	3.33	0.656	0.3	3.33	2.15 No	0.3 Element Fault
TER063	159	'8070368_/_8070365_2'		3.33	3.33	3.33	0.656	0.5	3.33	2.15 No	0.5 Element Fault
TER063	160	'6246567_/_43877502'		3.33	3.33	3.33	0.656	0.3	3.33	2.15 No	0.3 Element Fault
TER063	161	'8389642_/_9369634'		3.33	3.33	3.33	0.656	0.3	3.33	2.15 No	0.3 Element Fault
TER063	162	'211728630_/_211728770'		10	10	10	1.976	10	10	6.44 No	1.976 Thermal Discharging
TER063	163	'211728610_/_211728627'		10	10	10	1.976	10	10	6.44 No	1.976 Thermal Discharging
TER063	164	'211728609_/_211728606'		10	10	10	1.976	10	10	6.44 No	1.976 Thermal Discharging
TER063	165	'211728616_/_211728613'		10	10	10	1.976	10	10	6.44 No	1.976 Thermal Discharging
TER063	166	'211728623_/_211728620'		10	10	10	1.976	10	10	6.44 No	1.976 Thermal Discharging
TER063	167	'6246612_/_6252071_1'		3.33	3.33	3.33	0.656	0.3	3.33	2.15 No	0.3 Element Fault
TER063	168	'211733590_/_211733599'		10	10	10	1.976	10	10	6.44 No	1.976 Thermal Discharging
TER063	169	'6246580_/_6246578'		3.33	3.33	3.33	0.656	0.6	3.33	2.15 No	0.6 Element Fault
TER063	170	'211733622_/_211733631'		10	10	10	1.976	10	10	6.44 No	1.976 Thermal Discharging
TER063	171	'6246680_/_6246678'		3.33	3.33	3.33	0.656	0.3	3.33	2.15 No	0.3 Element Fault
TER063	172	'6246538_/_43877391'		3.33	3.33	3.33	0.656	0.3	3.33	2.15 No	0.3 Element Fault
TER063	173	'6251961_/_6251958'		3.33	3.33	3.33	0.656	0.3	3.33	2.15 No	0.3 Element Fault
TER063	174	'7753583_/_7753581'		3.33	3.33	3.33	0.656	0.3	3.33	2.15 No	0.3 Element Fault
TER063	175	'6251633_/_6251631'		3.33	3.33	3.33	0.656	0.3	3.33	2.15 No	0.3 Element Fault
TER063	176	'6246707_/_6251984'		3.33	3.33	3.33	0.656	0.6	3.33	2.15 No	0.6 Element Fault
TER063	177	'6246613_/_6246610'		3.33	3.33	3.33	0.656	0.3	3.33	2.15 No	0.3 Element Fault
TER063	178	'6251692_/_6251702'		2.47	3.33	3.33	0.656	0.3	3.33	2.15 No	0.3 Element Fault
TER063	179	'7740871_/_7740869'		3.33	3.33	3.33	0.656	0.3	3.33	2.15 No	0.3 Element Fault
TER063	180	'6251828_/_6251825'		3.1	3.33	3.33	0.656	0.3	3.33	2.15 No	0.3 Element Fault
TER063	181	'6246706_/_6246704_1'		3.33	3.33	3.33	0.656	0.3	3.33	2.15 No	0.3 Element Fault
TER063	182	'8389643_/_8389640_1'		2.57	3.33	3.33	0.656	0.3	3.33	2.15 No	0.3 Element Fault
TER063	183	'43877466_/_6246704_2'		3.33	3.33	3.33	0.656	0.3	3.33	2.15 No	0.3 Element Fault
TER063	184	'6252000_/_6251997'		3.33	3.33	3.33	0.656	0.3	3.33	2.15 No	0.3 Element Fault
TER063	185	'6251676_/_6251689'		1.87	3.33	3.33	0.656	0.3	3.33	2.15 No	0.3 Element Fault
TER063	186	'43877422_/_6251838'		2.03	3.33	3.33	0.656	0.3	3.33	2.15 No	0.3 Element Fault
TER063	187	'6252012_/_6252026'		3.33	3.33	3.33	0.656	0.3	3.33	2.15 No	0.3 Element Fault
TER063	188	'6252013_/_6252010'		3.33	3.33	3.33	0.656	0.3	3.33	2.15 No	0.3 Element Fault
TER063	189	'6251675_/_43877402'		1.63	3.33	3.33	0.656	0.3	3.33	2.15 No	0.3 Element Fault
TER063	190	'43877427_/_43877424'		1.6	3.33	3.33	0.656	0.3	3.33	2.15 No	0.3 Element Fault
TER063	0	'TER063_/_9295652'		10	10	10	4.624	10	10	6.44 No	4.624 Thermal Discharging
TER063	1	'8390070_/_9295652'		10	10	10	4.624	10	10	6.44 No	4.624 Thermal Discharging
TER063	2	'8075237_/_8390068'		10	10	10	4.624	10	10	6.44 No	4.624 Thermal Discharging
TER063	3	'156760173_/_8075235'		10	10	10	4.624	10	10	6.44 No	4.624 Thermal Discharging
TER063	4	'156760862_/_156760371'		10	10	10	4.624	10	10	6.44 No	4.624 Thermal Discharging
TER063	5	'156761102_/_156749534'		10	10	10	4.624	10	10	6.44 No	4.624 Thermal Discharging
TER063	6	'156760197_/_156760793'		10	10	10	4.624	10	10	6.44 No	4.624 Thermal Discharging
TER063	7	'7754232_/_156760199'		10	10	10	4.624	10	10	6.44 No	4.624 Thermal Discharging
TER063	8	'9019911_/_9646447'		10	10	10	4.624	10	10	6.44 No	4.624 Thermal Discharging
TER063	9	'7753995_/_9019909'		10	10	10	4.624	10	10	6.44 No	4.624 Thermal Discharging
TER063	10	'7753996_/_7753993'		10	10	10	4.624	10	10	6.44 No	4.624 Thermal Discharging
TER063	11	'49996011_/_8700062_1'		10	10	10	4.624	10	10	6.44 No	4.624 Thermal Discharging
TER063	12	'43880026_/_8700062_2'		10	10	10	4.624	10	10	6.44 No	4.624 Thermal Discharging
TER063	13	'6258939_/_43880028'		10	10	10	4.624	10	10	6.44 No	4.624 Thermal Discharging
TER063	14	'43879949_/_6258937'		10	10	10	4.624	10	10	6.44 No	4.624 Thermal Discharging
TER063	15	'6252766_/_6258957'		10	10	10	4.624	10	10	6.44 No	4.624 Thermal Discharging
TER063	16	'7754135_/_7754133_1'		10	10	10	4.624	1.5	10	6.44 No	1.5 Element Fault
TER063	17	'43878368_/_6252764'		10	10	10	4.624	10	10	6.44 No	4.624 Thermal Discharging
TER063	18	'6256193_/_43878370'		10	10	10	4.624	10	10	6.44 No	4.624 Thermal Discharging
TER063	19	'7440572_/_7440570_1'		3.33	3.33	3.33	1.544	0.5	3.33	2.15 No	0.5 Element Fault
TER063	20	'6256194_/_6256191'		10	10	10	4.624	10	10	6.44 No	4.624 Thermal Discharging
TER063	21	'6256211_/_6256208'		10	10	10	4.624	10	10	6.44 No	4.624 Thermal Discharging
TER063	22	'6256228_/_6256225'		10	10	10	4.624	10	10	6.44 No	4.624 Thermal Discharging
TER063	23	'9295183_/_9646095_1'		3.33	3.33	3.33	1.544	0.5	3.33	2.15 No	0.5 Element Fault
TER063	24	'6256176_/_6256242'		10	10	10	4.624	10	10	6.44 No	4.624 Thermal Discharging
TER063	25	'6256177_/_6256174'		10	10	10	4.624	10	10	6.44 No	4.624 Thermal Discharging
TER063	26	'7440573_/_7440570_2'		3.33	3.33	3.33	1.544	0.5	3.33	2.15 No	0.5 Element Fault
TER063	27	'368365001_/_368364910_1'		10	10	10	4.624	1.5	10	6.44 No	1.5 Element Fault
TER063	28	'8389679_/_8699796_1'		3.33	3.33	3.33	1.544	0.5	3.33	2.15 No	0.5 Element Fault
TER063	29	'43878307_/_6256262'		10	10	10	4.624	10	10	6.44 No	4.624 Thermal Discharging
TER063	30	'7754136_/_7754133_2'		10	10	10	4.624	1.5	10	6.44 No	1.5 Element Fault
TER063	31	'6256299_/_43878309'		10	10	10	4.624	10	10	6.44 No	4.624 Thermal Discharging
TER063	32	'6256281_/_6256313'		10	10	10	4.624	10	10	6.44 No	4.624 Thermal Discharging
TER063	33	'8070635_/_9646095_2'		3.33	3.33	3.33	1.544	0.5	3.33	2.15 No	0.5 Element Fault
TER063	34	'6256282_/_6256279'		10	10	10	4.624	10	10	6.44 No	4.624 Thermal Discharging
TER063	35	'6256332_/_6256415'		10	10	10	4.624	10	10	6.44 No	4.624 Thermal Discharging
TER063	36	'43878320_/_6256330'		10	10	10	4.624	10	10	6.44 No	4.624 Thermal Discharging
TER063	37	'8070636_/_8070633'		3.33	3.33	3.33	1.544	0.5	3.33	2.15 No	0.5 Element Fault
TER063	38	'6256350_/_43878322'		10	10	10	4.624	10	10	6.44 No	4.624 Thermal Discharging
TER063	39	'9019656_/_9019653'		10	10	10	4.624	1.5	10	6.44 No	1.5 Element Fault
TER063	40	'6256367_/_6256364'		10	10	10	4.624	10	10	6.44 No	4.624 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TER063	41	'6256384_/_6256381'		10	10	10	4.624	10	10	6.44 No	4.624 Thermal Discharging
TER063	42	'7753900_/_9295028'		3.33	3.33	3.33	1.544	0.5	3.33	2.15 No	0.5 Element Fault
TER063	43	'9019755_/_9019753'		3.33	3.33	3.33	1.544	0.5	3.33	2.15 No	0.5 Element Fault
TER063	44	'6256074_/_6256398'		10	10	10	4.624	10	10	6.44 No	4.624 Thermal Discharging
TER063	45	'8070563_/_8699796_2'		3.33	3.33	3.33	1.544	0.5	3.33	2.15 No	0.5 Element Fault
TER063	46	'43877511_/_6256072'		10	10	10	4.624	10	10	6.44 No	4.624 Thermal Discharging
TER063	47	'38640963_/_8070669_1'		3.33	3.33	3.33	1.544	0.9	3.33	2.15 No	0.9 Element Fault
TER063	48	'8070672_/_8070669_2'		3.33	3.33	3.33	1.544	0.9	3.33	2.15 No	0.9 Element Fault
TER063	49	'6255915_/_6256055'		10	10	10	4.624	10	10	6.44 No	4.624 Thermal Discharging
TER063	50	'368364891_/_368364910_2'		10	10	10	4.624	1.5	10	6.44 No	1.5 Element Fault
TER063	51	'6255916_/_6255913'		10	10	10	4.624	10	10	6.44 No	4.624 Thermal Discharging
TER063	52	'9019740_/_9019737'		3.33	3.33	3.33	1.544	0.9	3.33	2.15 No	0.9 Element Fault
TER063	53	'8070652_/_9646055_1'		10	10	10	4.624	1.6	10	6.44 No	1.6 Element Fault
TER063	54	'43877524_/_6256089'		10	10	10	4.624	10	10	6.44 No	4.624 Thermal Discharging
TER063	55	'450220243_/_43877526'		10	10	10	4.624	10	10	6.44 No	4.624 Thermal Discharging
TER063	56	'450220216_/_6255930'		10	10	10	4.624	10	10	6.44 No	4.624 Thermal Discharging
TER063	57	'467584706_/_450221179_1'		3.33	3.33	3.33	1.544	0.5	3.33	2.15 No	0.5 Element Fault
TER063	58	'454093134_/_450221179_2'		3.33	3.33	3.33	1.544	0.5	3.33	2.15 No	0.5 Element Fault
TER063	59	'467912708_/_450221066_1'		10	10	10	4.624	10	10	6.44 No	4.624 Thermal Discharging
TER063	60	'7440464_/_7753897'		3.33	3.33	3.33	1.544	0.5	3.33	2.15 No	0.5 Element Fault
TER063	61	'9646058_/_9646055_2'		10	10	10	4.624	1.6	10	6.44 No	1.6 Element Fault
TER063	62	'9295046_/_9295060'		3.33	3.33	3.33	1.544	0.5	3.33	2.15 No	0.5 Element Fault
TER063	63	'7440448_/_8070561'		3.33	3.33	3.33	1.544	0.5	3.33	2.15 No	0.5 Element Fault
TER063	64	'454092982_/_450221066_2'		10	10	10	4.624	10	10	6.44 No	4.624 Thermal Discharging
TER063	65	'454092868_/_450220735'		10	10	10	4.624	10	10	6.44 No	4.624 Thermal Discharging
TER063	66	'454092986_/_450220743'		10	10	10	4.624	10	10	6.44 No	4.624 Thermal Discharging
TER063	67	'454092990_/_450220759'		10	10	10	4.624	10	10	6.44 No	4.624 Thermal Discharging
TER063	68	'454092879_/_450220751'		10	10	10	4.624	4.8	10	6.44 No	4.624 Thermal Discharging
TER063	69	'467193122_/_450221008_1'		10	10	10	4.624	10	10	6.44 No	4.624 Thermal Discharging
TER063	70	'450220971_/_450221008_2'		10	10	10	4.624	10	10	6.44 No	4.624 Thermal Discharging
TER063	71	'475426886_/_469704934'		10	10	10	4.624	4.8	10	6.44 No	4.624 Thermal Discharging
TER063	72	'43877365_/_43877367'		10	10	10	4.624	10	10	6.44 No	4.624 Thermal Discharging
TER063	73	'6246496_/_6246493_2'		10	10	10	4.624	10	10	6.44 No	4.624 Thermal Discharging
TER063	74	'467193466_/_450220928_1'		10	10	10	4.624	10	10	6.44 No	4.624 Thermal Discharging
TER063	75	'6256024_/_450220928_2'		10	10	10	4.624	10	10	6.44 No	4.624 Thermal Discharging
TER063	76	'454092639_/_450221298_1'		3.33	3.33	3.33	1.544	0.5	3.33	2.15 No	0.5 Element Fault
TER063	77	'6255847_/_6256157'		10	10	10	4.624	10	10	6.44 No	4.624 Thermal Discharging
TER063	78	'450221331_/_450221298_2'		3.33	3.33	3.33	1.544	0.5	3.33	2.15 No	0.5 Element Fault
TER063	79	'7440449_/_7440446'		3.33	3.33	3.33	1.544	0.5	3.33	2.15 No	0.5 Element Fault
TER063	80	'6255848_/_6255845'		10	10	10	4.624	10	10	6.44 No	4.624 Thermal Discharging
TER063	81	'7440465_/_7440462'		3.33	3.33	3.33	1.544	0.5	3.33	2.15 No	0.5 Element Fault
TER063	82	'6255865_/_6255862'		10	10	10	4.624	10	10	6.44 No	4.624 Thermal Discharging
TER063	83	'6255882_/_6255879'		10	10	10	4.624	10	10	6.44 No	4.624 Thermal Discharging
TER063	84	'50960204_/_9646039_1'		3.33	3.33	3.33	1.544	0.6	3.33	2.15 No	0.6 Element Fault
TER063	85	'9295047_/_9295044'		3.33	3.33	3.33	1.544	0.5	3.33	2.15 No	0.5 Element Fault
TER063	86	'50960191_/_9646039_2'		3.33	3.33	3.33	1.544	0.6	3.33	2.15 No	0.6 Element Fault
TER063	87	'6255899_/_6255896'		10	10	10	4.624	10	10	6.44 No	4.624 Thermal Discharging
TER063	88	'43875143_/_7107459'		10	10	10	4.624	10	10	6.44 No	4.624 Thermal Discharging
TER063	89	'6240111_/_43875145'		10	10	10	4.624	10	10	6.44 No	4.624 Thermal Discharging
TER063	90	'6240112_/_6240228_1'		10	10	10	4.624	1.5	10	6.44 No	1.5 Element Fault
TER063	91	'43875156_/_6240143'		10	10	10	4.624	10	10	6.44 No	4.624 Thermal Discharging
TER063	92	'8070580_/_9019637'		3.33	3.33	3.33	1.544	0.5	3.33	2.15 No	0.5 Element Fault
TER063	93	'8070579_/_9645943_1'		3.33	3.33	3.33	1.544	0.5	3.33	2.15 No	0.5 Element Fault
TER063	94	'6240146_/_43875158'		10	10	10	4.624	10	10	6.44 No	4.624 Thermal Discharging
TER063	95	'6240163_/_6240160'		10	10	10	4.624	10	10	6.44 No	4.624 Thermal Discharging
TER063	96	'8070348_/_8070401_2'		10	10	10	4.624	4.5	10	6.44 No	4.5 Element Fault
TER063	97	'6240197_/_6240194'		10	10	10	4.624	10	10	6.44 No	4.624 Thermal Discharging
TER063	98	'6251730_/_6251890'		3.33	3.33	3.33	1.544	0.6	3.33	2.15 No	0.6 Element Fault
TER063	99	'6240214_/_6240211'		10	10	10	4.624	10	10	6.44 No	4.624 Thermal Discharging
TER063	100	'6240251_/_6240248'		10	10	10	4.624	10	10	6.44 No	4.624 Thermal Discharging
TER063	101	'69412335_/_6240265_1'		10	10	10	4.624	10	10	6.44 No	4.624 Thermal Discharging
TER063	102	'6251866_/_6251864_1'		3.33	3.33	3.33	1.544	0.3	3.33	2.15 No	0.3 Element Fault
TER063	103	'6251718_/_6251715_2'		3.33	3.33	3.33	1.544	0.6	3.33	2.15 No	0.6 Element Fault
TER063	104	'8070383_/_8070381_2'		10	10	10	4.624	10	10	6.44 No	4.624 Thermal Discharging
TER063	105	'6251731_/_6251728'		3.33	3.33	3.33	1.544	0.6	3.33	2.15 No	0.6 Element Fault
TER063	106	'7753620_/_8070365_1'		3.33	3.33	3.33	1.544	0.5	3.33	2.15 No	0.5 Element Fault
TER063	107	'6238983_/_6240228_2'		10	10	10	4.624	1.5	10	6.44 No	1.5 Element Fault
TER063	108	'6251747_/_6251744'		3.33	3.33	3.33	1.544	0.6	3.33	2.15 No	0.6 Element Fault
TER063	109	'6246466_/_6251757'		3.33	3.33	3.33	1.544	0.6	3.33	2.15 No	0.6 Element Fault
TER063	110	'6246467_/_6246477_1'		3.33	3.33	3.33	1.544	0.3	3.33	2.15 No	0.3 Element Fault
TER063	111	'6251867_/_6251864_2'		3.33	3.33	3.33	1.544	0.3	3.33	2.15 No	0.3 Element Fault
TER063	112	'6246526_/_6251715_1'		3.33	3.33	3.33	1.544	0.3	3.33	2.15 No	0.3 Element Fault
TER063	113	'6246638_/_6251770'		3.33	3.33	3.33	1.544	0.6	3.33	2.15 No	0.6 Element Fault
TER063	114	'43877444_/_6251864_3'		3.33	3.33	3.33	1.544	0.3	3.33	2.15 No	0.3 Element Fault
TER063	115	'6246480_/_6246477_2'		3.33	3.33	3.33	1.544	0.3	3.33	2.15 No	0.3 Element Fault
TER063	116	'6246652_/_6246665_1'		3.33	3.33	3.33	1.544	0.3	3.33	2.15 No	0.3 Element Fault
TER063	117	'8070403_/_8070401_1'		10	10	10	4.624	1.7	10	6.44 No	1.7 Element Fault
TER063	118	'51033399_/_6238981'		10	10	10	4.624	1.5	10	6.44 No	1.5 Element Fault
TER063	119	'6246626_/_6246636'		3.33	3.33	3.33	1.544	0.6	3.33	2.15 No	0.6 Element Fault
TER063	120	'6246625_/_6246623'		3.33	3.33	3.33	1.544	0.6	3.33	2.15 No	0.6 Element Fault
TER063	121	'6246668_/_6246665_2'		3.33	3.33	3.33	1.544	0.3	3.33	2.15 No	0.3 Element Fault
TER063	122	'43877477_/_43877479'		3.33	3.33	3.33	1.544	0.3	3.33	2.15 No	0.3 Element Fault
TER063	123	'6251620_/_6251618'		3.33	3.33	3.33	1.544	0.6	3.33	2.15 No	0.6 Element Fault
TER063	124	'6233616_/_6233629'		10	10	10	4.624	1.5	10	6.44 No	1.5 Element Fault
TER063	125	'7753563_/_9369614_2'		10	10	10	4.624	1.5	10	6.44 No	1.5 Element Fault
TER063	126	'6251909_/_43877446'		3.33	3.33	3.33	1.544	0.3	3.33	2.15 No	0.3 Element Fault
TER063	127	'6252100_/_6252110'		3.33	3.33	3.33	1.544	0.6	3.33	2.15 No	0.6 Element Fault
TER063	128	'43875132_/_43875134'		3.33	3.33	3.33	1.544	0.5	3.33	2.15 No	0.5 Element Fault
TER063	129	'6233615_/_9332660_1'		3.33	3.33	3.33	1.544	0.3	3.33	2.15 No	0.3 Element Fault
TER063	130	'6246552_/_6246549_2'		3.33	3.33	3.33	1.544	0.6	3.33	2.15 No	0.6 Element Fault
TER063	131	'9369616_/_9369614_1'		10	10	10	4.624	0.9	10	6.44 No	0.9 Element Fault
TER063	132	'6252087_/_6252097'		3.33	3.33	3.33	1.544	0.6	3.33	2.15 No	0.6 Element Fault
TER063	133	'6251608_/_6252084'		3.33	3.33	3.33	1.544	0.6	3.33	2.15 No	0.6 Element Fault
TER063	134	'6251786_/_6251783'		3.33	3.33	3.33	1.544	0.3	3.33	2.15 No	0.3 Element Fault

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TER063	135	'6251595_/_6251605'	3.33	3.33	3.33	3.33	1.544	0.6	3.33	2.15 No	0.6 Element Fault
TER063	136	'6246512_/_6246510'	3.33	3.33	3.33	3.33	1.544	0.3	3.33	2.15 No	0.3 Element Fault
TER063	137	'6251922_/_6251919'	3.33	3.33	3.33	3.33	1.544	0.3	3.33	2.15 No	0.3 Element Fault
TER063	138	'43877411_/_6251799'	3.33	3.33	3.33	3.33	1.544	0.3	3.33	2.15 No	0.3 Element Fault
TER063	139	'6251647_/_6251644_2'	3.33	3.33	3.33	3.33	1.544	0.6	3.33	2.15 No	0.6 Element Fault
TER063	140	'37962157_/_9332660_2'	3.33	3.33	3.33	3.33	1.544	0.3	3.33	2.15 No	0.3 Element Fault
TER063	141	'37962158_/_37962155'	3.33	3.33	3.33	3.33	1.544	0.3	3.33	2.15 No	0.3 Element Fault
TER063	142	'37962199_/_37962197'	3.33	3.33	3.33	3.33	1.544	0.3	3.33	2.15 No	0.3 Element Fault
TER063	143	'37962164_/_37962162'	3.33	3.33	3.33	3.33	1.544	0.3	3.33	2.15 No	0.3 Element Fault
TER063	144	'37962171_/_37962169'	3.33	3.33	3.33	3.33	1.544	0.3	3.33	2.15 No	0.3 Element Fault
TER063	145	'6251582_/_6251592'	3.33	3.33	3.33	3.33	1.544	0.6	3.33	2.15 No	0.6 Element Fault
TER063	146	'6251569_/_6251579'	3.33	3.33	3.33	3.33	1.544	0.6	3.33	2.15 No	0.6 Element Fault
TER063	147	'43877455_/_6251932'	3.33	3.33	3.33	3.33	1.544	0.3	3.33	2.15 No	0.3 Element Fault
TER063	148	'43877489_/_6246549_1'	3.33	3.33	3.33	3.33	1.544	0.3	3.33	2.15 No	0.3 Element Fault
TER063	149	'6246568_/_6251644_1'	3.33	3.33	3.33	3.33	1.544	0.3	3.33	2.15 No	0.3 Element Fault
TER063	150	'6246597_/_6251566'	3.33	3.33	3.33	3.33	1.544	0.6	3.33	2.15 No	0.6 Element Fault
TER063	151	'6252058_/_6252071_2'	3.33	3.33	3.33	3.33	1.544	0.6	3.33	2.15 No	0.6 Element Fault
TER063	152	'211729580_/_8070381_1'	10	10	10	10	4.624	10	10	6.44 No	4.624 Thermal Discharging
TER063	153	'211729783_/_211727869'	10	10	10	10	4.624	10	10	6.44 No	4.624 Thermal Discharging
TER063	154	'6246581_/_6246594'	3.33	3.33	3.33	3.33	1.544	0.6	3.33	2.15 No	0.6 Element Fault
TER063	155	'6246681_/_6246691'	3.33	3.33	3.33	3.33	1.544	0.3	3.33	2.15 No	0.3 Element Fault
TER063	156	'211727942_/_211727939'	10	10	10	10	4.624	10	10	6.44 No	4.624 Thermal Discharging
TER063	157	'6251948_/_43877457'	3.33	3.33	3.33	3.33	1.544	0.3	3.33	2.15 No	0.3 Element Fault
TER063	158	'6251815_/_43877413'	3.33	3.33	3.33	3.33	1.544	0.3	3.33	2.15 No	0.3 Element Fault
TER063	159	'8070368_/_8070365_2'	3.33	3.33	3.33	3.33	1.544	0.5	3.33	2.15 No	0.5 Element Fault
TER063	160	'6246567_/_43877502'	3.33	3.33	3.33	3.33	1.544	0.3	3.33	2.15 No	0.3 Element Fault
TER063	161	'8389642_/_9369634'	3.33	3.33	3.33	3.33	1.544	0.3	3.33	2.15 No	0.3 Element Fault
TER063	162	'211728630_/_211728770'	10	10	10	10	4.624	10	10	6.44 No	4.624 Thermal Discharging
TER063	163	'211728610_/_211728627'	10	10	10	10	4.624	10	10	6.44 No	4.624 Thermal Discharging
TER063	164	'211728609_/_211728606'	10	10	10	10	4.624	10	10	6.44 No	4.624 Thermal Discharging
TER063	165	'211728616_/_211728613'	10	10	10	10	4.624	10	10	6.44 No	4.624 Thermal Discharging
TER063	166	'211728623_/_211728620'	10	10	10	10	4.624	10	10	6.44 No	4.624 Thermal Discharging
TER063	167	'6246612_/_6252071_1'	3.33	3.33	3.33	3.33	1.544	0.3	3.33	2.15 No	0.3 Element Fault
TER063	168	'211733590_/_211733599'	10	10	10	10	4.624	10	10	6.44 No	4.624 Thermal Discharging
TER063	169	'6246580_/_6246578'	3.33	3.33	3.33	3.33	1.544	0.6	3.33	2.15 No	0.6 Element Fault
TER063	170	'211733622_/_211733631'	10	10	10	10	4.624	10	10	6.44 No	4.624 Thermal Discharging
TER063	171	'6246680_/_6246678'	3.33	3.33	3.33	3.33	1.544	0.3	3.33	2.15 No	0.3 Element Fault
TER063	172	'6246538_/_43877391'	3.33	3.33	3.33	3.33	1.544	0.3	3.33	2.15 No	0.3 Element Fault
TER063	173	'6251961_/_6251958'	3.33	3.33	3.33	3.33	1.544	0.3	3.33	2.15 No	0.3 Element Fault
TER063	174	'7753583_/_7753581'	3.33	3.33	3.33	3.33	1.544	0.3	3.33	2.15 No	0.3 Element Fault
TER063	175	'6251633_/_6251631'	3.33	3.33	3.33	3.33	1.544	0.3	3.33	2.15 No	0.3 Element Fault
TER063	176	'6246707_/_6251984'	3.33	3.33	3.33	3.33	1.544	0.6	3.33	2.15 No	0.6 Element Fault
TER063	177	'6246613_/_6246610'	3.33	3.33	3.33	3.33	1.544	0.3	3.33	2.15 No	0.3 Element Fault
TER063	178	'6251692_/_6251702'	2.93	3.33	3.33	3.33	1.544	0.3	3.33	2.15 No	0.3 Element Fault
TER063	179	'7740871_/_7740869'	3.33	3.33	3.33	3.33	1.544	0.3	3.33	2.15 No	0.3 Element Fault
TER063	180	'6251828_/_6251825'	3.33	3.33	3.33	3.33	1.544	0.3	3.33	2.15 No	0.3 Element Fault
TER063	181	'6246706_/_6246704_1'	3.33	3.33	3.33	3.33	1.544	0.3	3.33	2.15 No	0.3 Element Fault
TER063	182	'8389643_/_8389640_1'	3.33	3.33	3.33	3.33	1.544	0.3	3.33	2.15 No	0.3 Element Fault
TER063	183	'43877466_/_6246704_2'	3.33	3.33	3.33	3.33	1.544	0.3	3.33	2.15 No	0.3 Element Fault
TER063	184	'6252000_/_6251997'	3.33	3.33	3.33	3.33	1.544	0.3	3.33	2.15 No	0.3 Element Fault
TER063	185	'6251676_/_6251689'	2.33	3.33	3.33	3.33	1.544	0.3	3.33	2.15 No	0.3 Element Fault
TER063	186	'43877422_/_6251838'	2.5	3.33	3.33	3.33	1.544	0.3	3.33	2.15 No	0.3 Element Fault
TER063	187	'6252012_/_6252026'	3.33	3.33	3.33	3.33	1.544	0.3	3.33	2.15 No	0.3 Element Fault
TER063	188	'6252013_/_6252010'	3.33	3.33	3.33	3.33	1.544	0.3	3.33	2.15 No	0.3 Element Fault
TER063	189	'6251675_/_43877402'	2.03	3.33	3.33	3.33	1.544	0.3	3.33	2.15 No	0.3 Element Fault
TER063	190	'43877427_/_43877424'	2.03	3.33	3.33	3.33	1.544	0.3	3.33	2.15 No	0.3 Element Fault
TER064	0	'TER064_/_9646667'	10	10	10	10	1.008	10	10	5.38 No	1.008 Thermal Discharging
TER064	1	'7754291_/_9646667'	10	10	10	10	1.008	10	10	5.38 No	1.008 Thermal Discharging
TER064	2	'7754292_/_7754289'	10	10	10	10	1.008	10	10	5.38 No	1.008 Thermal Discharging
TER064	3	'8389991_/_8389988'	10	10	10	10	1.008	10	10	5.38 No	1.008 Thermal Discharging
TER064	4	'8390130_/_9020221'	10	10	10	10	1.008	10	10	5.38 No	1.008 Thermal Discharging
TER064	5	'8390131_/_8390128'	10	10	10	10	1.008	10	10	5.38 No	1.008 Thermal Discharging
TER064	6	'8700281_/_8700278'	10	10	10	10	1.008	10	10	5.38 No	1.008 Thermal Discharging
TER064	7	'114696991_/_9020361_1'	10	10	10	10	1.008	10	10	5.38 No	1.008 Thermal Discharging
TER064	8	'54732898_/_9020361_2'	10	10	10	10	1.008	10	10	5.38 No	1.008 Thermal Discharging
TER064	9	'54732877_/_54732895'	10	10	10	10	1.008	10	10	5.38 No	1.008 Thermal Discharging
TER064	10	'54732926_/_6261702'	10	10	10	10	1.008	10	10	5.38 No	1.008 Thermal Discharging
TER064	11	'54732864_/_54732874'	10	10	10	10	1.008	10	10	5.38 No	1.008 Thermal Discharging
TER064	12	'54732856_/_6261685'	10	10	10	10	1.008	10	10	5.38 No	1.008 Thermal Discharging
TER064	13	'54732340_/_54732337'	10	10	10	10	1.008	10	10	5.38 No	1.008 Thermal Discharging
TER064	14	'6259680_/_6259715'	10	10	10	10	1.008	10	10	5.38 No	1.008 Thermal Discharging
TER064	15	'276919925_/_239391035_2'	10	10	10	10	1.008	5.4	10	5.38 No	1.008 Thermal Discharging
TER064	16	'6261617_/_6261631'	3.33	3.33	3.33	3.33	0.336	3.33	3.33	1.79 No	0.336 Thermal Discharging
TER064	17	'6257476_/_6259678'	10	10	10	10	1.008	10	10	5.38 No	1.008 Thermal Discharging
TER064	18	'54732157_/_6261509_2'	10	10	10	10	1.008	4.8	10	5.38 No	1.008 Thermal Discharging
TER064	19	'362035666_/_6257473_2'	10	10	10	10	1.008	3.6	10	5.38 No	1.008 Thermal Discharging
TER064	20	'276919931_/_276919850_1'	3.33	3.33	3.33	3.33	0.336	0.5	3.33	1.79 No	0.336 Thermal Discharging
TER064	21	'6257600_/_6257597'	10	10	10	10	1.008	10	10	5.38 No	1.008 Thermal Discharging
TER064	22	'6257532_/_6257530_1'	3.33	3.33	3.33	3.33	0.336	0.5	3.33	1.79 No	0.336 Thermal Discharging
TER064	23	'6257649_/_6257647'	10	10	10	10	1.008	10	10	5.38 No	1.008 Thermal Discharging
TER064	24	'43879539_/_6257667'	10	10	10	10	1.008	10	10	5.38 No	1.008 Thermal Discharging
TER064	25	'6257548_/_6257614_2'	10	10	10	10	1.008	3.8	10	5.38 No	1.008 Thermal Discharging
TER064	26	'43877263_/_6257413'	10	10	10	10	1.008	10	10	5.38 No	1.008 Thermal Discharging
TER064	27	'239391016_/_239391035_1'	10	10	10	10	1.008	1.5	10	5.38 No	1.008 Thermal Discharging
TER064	28	'6261512_/_6261509_1'	10	10	10	10	1.008	1.5	10	5.38 No	1.008 Thermal Discharging
TER064	29	'6257138_/_6257473_1'	10	10	10	10	1.008	1.5	10	5.38 No	1.008 Thermal Discharging
TER064	30	'6257533_/_6257530_2'	3.33	3.33	3.33	3.33	0.336	0.5	3.33	1.79 No	0.336 Thermal Discharging
TER064	31	'6252401_/_6252588'	10	10	10	10	1.008	10	10	5.38 No	1.008 Thermal Discharging
TER064	32	'43877339_/_43877341'	10	10	10	10	1.008	10	10	5.38 No	1.008 Thermal Discharging
TER064	33	'6252377_/_6252398'	10	10	10	10	1.008	10	10	5.38 No	1.008 Thermal Discharging
TER064	34	'6252319_/_6252374'	10	10	10	10	1.008	10	10	5.38 No	1.008 Thermal Discharging
TER064	35	'8389659_/_9019693_1'	10	10	10	10	1.008	1.5	10	5.38 No	1.008 Thermal Discharging
TER064	36	'6252340_/_6252357'	10	10	10	10	1.008	10	10	5.38 No	1.008 Thermal Discharging
TER064	37	'6252302_/_6252300_1'	10	10	10	10	1.008	1.5	10	5.38 No	1.008 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TER064		38 '7754035_/_7754033_1'		10	10	10	1.008	1.5	10	5.38 No	1.008 Thermal Discharging
TER064		39 '6252265_/_6252300_2'		10	10	10	1.008	1.5	10	5.38 No	1.008 Thermal Discharging
TER064		40 '6252202_/_6252337'		10	10	10	1.008	10	10	5.38 No	1.008 Thermal Discharging
TER064		41 '9019696_/_9019693_2'		10	10	10	1.008	1.5	10	5.38 No	1.008 Thermal Discharging
TER064		42 '6252201_/_6252199'		10	10	10	1.008	10	10	5.38 No	1.008 Thermal Discharging
TER064		43 '6257137_/_43879669'		9	10	10	1.008	1.5	10	5.38 No	1.008 Thermal Discharging
TER064		44 '43877326_/_6259774'		10	10	10	1.008	3.3	10	5.38 No	1.008 Thermal Discharging
TER064		45 '9295079_/_9295096_1'		10	10	10	1.008	1.5	10	5.38 No	1.008 Thermal Discharging
TER064		46 '6259777_/_9646347_2'		10	10	10	1.008	3.3	10	5.38 No	1.008 Thermal Discharging
TER064		47 '6257499_/_6257614_1'		9.5	10	10	1.008	2.6	10	5.38 No	1.008 Thermal Discharging
TER064		48 '6252557_/_6252571'		10	10	10	1.008	10	10	5.38 No	1.008 Thermal Discharging
TER064		49 '9019675_/_9295096_2'		10	10	10	1.008	1.5	10	5.38 No	1.008 Thermal Discharging
TER064		50 '6257704_/_50002124_1'		9.5	10	10	1.008	1.8	10	5.38 No	1.008 Thermal Discharging
TER064		51 '9020103_/_9646347_1'		10	10	10	1.008	0.9	10	5.38 No	0.9 Element Fault
TER064		52 '6252164_/_6252263'		9.9	10	10	1.008	1.5	10	5.38 No	1.008 Thermal Discharging
TER064		53 '6252470_/_6252554'		10	10	10	1.008	10	10	5.38 No	1.008 Thermal Discharging
TER064		54 '6252231_/_6252468'		10	10	10	1.008	10	10	5.38 No	1.008 Thermal Discharging
TER064		55 '7440481_/_8070593_1'		9.9	10	10	1.008	0.9	10	5.38 No	0.9 Element Fault
TER064		56 '43877300_/_43877302'		10	10	10	1.008	10	10	5.38 No	1.008 Thermal Discharging
TER064		57 '6252248_/_6252488'		9.9	10	10	1.008	10	10	5.38 No	1.008 Thermal Discharging
TER064		58 '43877287_/_6252229'		10	10	10	1.008	10	10	5.38 No	1.008 Thermal Discharging
TER064		59 '6252219_/_6252246'		9.9	10	10	1.008	2.4	10	5.38 No	1.008 Thermal Discharging
TER064		60 '276919831_/_276919850_2'		2.3	3.33	3.33	0.336	0.5	3.33	1.79 No	0.336 Thermal Discharging
TER064		61 '6258635_/_43877289'		9.5	10	10	1.008	10	10	5.38 No	1.008 Thermal Discharging
TER064		62 '43877313_/_6252162'		8	10	10	1.008	1.5	10	5.38 No	1.008 Thermal Discharging
TER064		63 '5494892_/_7098172'		8.7	10	10	1.008	2.4	10	5.38 No	1.008 Thermal Discharging
TER064		64 '7754036_/_7754033_2'		7.8	10	10	1.008	1.5	10	5.38 No	1.008 Thermal Discharging
TER064		65 '9019676_/_9019673'		8.1	10	10	1.008	1.5	10	5.38 No	1.008 Thermal Discharging
TER064		66 '276919870_/_276919889'		2.3	3.33	3.33	0.336	0.5	3.33	1.79 No	0.336 Thermal Discharging
TER064		67 '6258655_/_6258652'		9.1	10	10	1.008	10	10	5.38 No	1.008 Thermal Discharging
TER064		68 '102811299_/_102811266'		7.5	10	10	1.008	1.5	10	5.38 No	1.008 Thermal Discharging
TER064		69 '6252218_/_6252216'		2.77	3.33	3.33	0.336	0.8	3.33	1.79 No	0.336 Thermal Discharging
TER064		70 '9020104_/_9020101'		7	10	10	1.008	0.9	10	5.38 No	0.9 Element Fault
TER064		71 '6258327_/_6258669'		8.7	10	10	1.008	10	10	5.38 No	1.008 Thermal Discharging
TER064		72 '43725931_/_43725933'		8	10	10	1.008	2.4	10	5.38 No	1.008 Thermal Discharging
TER064		73 '6257735_/_50002124_2'		6.8	10	10	1.008	1.8	10	5.38 No	1.008 Thermal Discharging
TER064		74 '7484291_/_8120022_1'		8.4	10	10	1.008	1.5	10	5.38 No	1.008 Thermal Discharging
TER064		75 '6252418_/_6252415'		7.7	10	10	1.008	2.4	10	5.38 No	1.008 Thermal Discharging
TER064		76 '6258287_/_6258325'		8.4	10	10	1.008	10	10	5.38 No	1.008 Thermal Discharging
TER064		77 '102811306_/_102811303'		7	10	10	1.008	1.5	10	5.38 No	1.008 Thermal Discharging
TER064		78 '6257458_/_6257513'		6.4	10	10	1.008	2.6	10	5.38 No	1.008 Thermal Discharging
TER064		79 '102811378_/_102811350_1'		6.9	10	10	1.008	0.9	10	5.38 No	0.9 Element Fault
TER064		80 '44679804_/_5494906'		7.5	10	10	1.008	2.4	10	5.38 No	1.008 Thermal Discharging
TER064		81 '6258288_/_6258285'		8.1	10	10	1.008	10	10	5.38 No	1.008 Thermal Discharging
TER064		82 '102811339_/_102811350_2'		6.9	10	10	1.008	0.9	10	5.38 No	0.9 Element Fault
TER064		83 '43879864_/_43879866'		7.7	10	10	1.008	10	10	5.38 No	1.008 Thermal Discharging
TER064		84 '313723202_/_7120912_2'		7.7	10	10	1.008	10	10	5.38 No	1.008 Thermal Discharging
TER064		85 '8120025_/_8120022_2'		7.3	10	10	1.008	1.5	10	5.38 No	1.008 Thermal Discharging
TER064		86 '6258305_/_6258302'		7.6	10	10	1.008	10	10	5.38 No	1.008 Thermal Discharging
TER064		87 '313723136_/_7120912_1'		7.6	10	10	1.008	10	10	5.38 No	1.008 Thermal Discharging
TER064		88 '317042569_/_313723147_2'		7.6	10	10	1.008	10	10	5.38 No	1.008 Thermal Discharging
TER064		89 '5503999_/_313723147_1'		7.6	10	10	1.008	10	10	5.38 No	1.008 Thermal Discharging
TER064		90 '6252453_/_6252511'		6.8	10	10	1.008	2.4	10	5.38 No	1.008 Thermal Discharging
TER064		91 '8075058_/_8075075_1'		7.6	10	10	1.008	1.6	10	5.38 No	1.008 Thermal Discharging
TER064		92 '6252537_/_6252534'		6.8	10	10	1.008	2.4	10	5.38 No	1.008 Thermal Discharging
TER064		93 '5504000_/_5503997'		7.3	10	10	1.008	10	10	5.38 No	1.008 Thermal Discharging
TER064		94 '461203804_/_461203751_1'		6.8	10	10	1.008	1.6	10	5.38 No	1.008 Thermal Discharging
TER064		95 '8075078_/_8075075_2'		7.6	10	10	1.008	1.6	10	5.38 No	1.008 Thermal Discharging
TER064		96 '43879812_/_6258359'		7.1	10	10	1.008	10	10	5.38 No	1.008 Thermal Discharging
TER064		97 '5494966_/_5504131'		7	10	10	1.008	10	10	5.38 No	1.008 Thermal Discharging
TER064		98 '6258210_/_43879814'		6.9	10	10	1.008	10	10	5.38 No	1.008 Thermal Discharging
TER064		99 '69384760_/_5504114'		6.8	10	10	1.008	10	10	5.38 No	1.008 Thermal Discharging
TER064		100 '239526956_/_239526830_1'		6.9	10	10	1.008	1.5	10	5.38 No	1.008 Thermal Discharging
TER064		101 '69384772_/_9607613_1'		6.8	10	10	1.008	2.4	10	5.38 No	1.008 Thermal Discharging
TER064		102 '5504076_/_5504074_1'		7	10	10	1.008	2.7	10	5.38 No	1.008 Thermal Discharging
TER064		103 '461203732_/_461203751_2'		6.1	10	10	1.008	1.6	10	5.38 No	1.008 Thermal Discharging
TER064		104 '6258234_/_6258248_1'		6.9	10	10	1.008	2.6	10	5.38 No	1.008 Thermal Discharging
TER064		105 '239526833_/_239526830_2'		6.4	10	10	1.008	1.5	10	5.38 No	1.008 Thermal Discharging
TER064		106 '43877276_/_6252435'		2	3.33	3.33	0.336	0.8	3.33	1.79 No	0.336 Thermal Discharging
TER064		107 '239526986_/_239526871_1'		6.4	10	10	1.008	0.9	10	5.38 No	0.9 Element Fault
TER064		108 '43877352_/_6252451'		5.8	10	10	1.008	2.4	10	5.38 No	1.008 Thermal Discharging
TER064		109 '9607616_/_9607613_2'		6.3	10	10	1.008	2.4	10	5.38 No	1.008 Thermal Discharging
TER064		110 '6252454_/_43877354'		5.8	10	10	1.008	2.4	10	5.38 No	1.008 Thermal Discharging
TER064		111 '8070596_/_8070593_2'		5.5	10	10	1.008	0.9	10	5.38 No	0.9 Element Fault
TER064		112 '239526852_/_239526871_2'		5.9	10	10	1.008	0.9	10	5.38 No	0.9 Element Fault
TER064		113 '43879504_/_6257456'		5	10	10	1.008	2.6	10	5.38 No	1.008 Thermal Discharging
TER064		114 '43725423_/_5504074_2'		5.9	10	10	1.008	2.7	10	5.38 No	1.008 Thermal Discharging
TER064		115 '6258251_/_6258248_2'		5	10	10	1.008	2.6	10	5.38 No	1.008 Thermal Discharging
TER064		116 '43879825_/_6258208'		4.9	10	10	1.008	4.7	10	5.38 No	1.008 Thermal Discharging
TER064		117 '6252438_/_43877278'		1.57	3.33	3.33	0.336	0.8	3.33	1.79 No	0.336 Thermal Discharging
TER064		118 '5504040_/_5504037'		4.5	10	10	1.008	2.7	10	5.38 No	1.008 Thermal Discharging
TER064		119 '6252181_/_43879506'		3.6	10	10	1.008	2.6	10	5.38 No	1.008 Thermal Discharging
TER064		120 '6258211_/_43879827'		3.9	10	10	1.008	1.5	10	5.38 No	1.008 Thermal Discharging
TER064		121 '6258271_/_6258268'		3.9	10	10	1.008	2.6	10	5.38 No	1.008 Thermal Discharging
TER064		122 '8389815_/_8389812'		3.8	10	10	1.008	1.5	10	5.38 No	1.008 Thermal Discharging
TER064		123 '6258398_/_6258592'		3.7	10	10	1.008	2.6	10	5.38 No	1.008 Thermal Discharging
TER064		124 '5494928_/_5504054'		3.6	10	10	1.008	2.7	10	5.38 No	1.008 Thermal Discharging
TER064		125 '5494929_/_5494926'		3.5	10	10	1.008	2.7	10	5.38 No	1.008 Thermal Discharging
TER064		126 '6258614_/_7098212'		3.5	10	10	1.008	2.7	10	5.38 No	1.008 Thermal Discharging
TER064		127 '6258378_/_6258575'		3.4	10	10	1.008	2.6	10	5.38 No	1.008 Thermal Discharging
TER064		128 '6258399_/_43879840'		3.3	9.8	10	1.008	2.6	10	5.38 No	1.008 Thermal Discharging
TER064		129 '43878333_/_6252179'		3	9.6	10	1.008	2.6	10	5.38 No	1.008 Thermal Discharging
TER064		130 '43726769_/_5504017'		3.2	9.3	10	1.008	2.7	10	5.38 No	1.008 Thermal Discharging
TER064		131 '6258379_/_6258376'		3.2	9.2	10	1.008	2.6	10	5.38 No	1.008 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over- Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TER064	132	'6258418_/_6258612'		3.1	8.8	10	1.008	2.7	10	5.38 No	1.008 Thermal Discharging
TER064	133	'6258452_/_6258450'		3	8.4	10	1.008	2.6	10	5.38 No	1.008 Thermal Discharging
TER064	134	'5504020_/_43726771'		2.9	8.3	10	1.008	1.7	10	5.38 No	1.008 Thermal Discharging
TER064	135	'6258507_/_6258504'		2.9	8.3	10	1.008	2.7	10	5.38 No	1.008 Thermal Discharging
TER064	136	'6258524_/_6258521'		2.9	8.2	10	1.008	2.6	10	5.38 No	1.008 Thermal Discharging
TER064	137	'6258419_/_6258416'		2.9	8.1	10	1.008	2.7	10	5.38 No	1.008 Thermal Discharging
TER064	138	'9019931_/_9019929_1'		2.9	8.2	10	1.008	1.5	10	5.38 No	1.008 Thermal Discharging
TER064	139	'9019932_/_9019929_2'		2.9	8.2	10	1.008	1.5	10	5.38 No	1.008 Thermal Discharging
TER064	140	'8738305_/_8738302'		2.8	8	10	1.008	1.7	10	5.38 No	1.008 Thermal Discharging
TER064	141	'6252182_/_43878335'		2.5	8	10	1.008	2.6	10	5.38 No	1.008 Thermal Discharging
TER064	142	'6258487_/_6258484'		2.6	7.1	10	1.008	2.7	9.71	5.38 No	1.008 Thermal Discharging
TER064	143	'43879877_/_6258538'		2.5	7.1	10	1.008	2.6	9.66	5.38 No	1.008 Thermal Discharging
TER064	144	'43879890_/_6258555'		2.5	7	10	1.008	2.6	9.58	5.38 No	1.008 Thermal Discharging
TER064	145	'6258436_/_6258433_1'		2.5	7	10	1.008	2.6	9.59	5.38 No	1.008 Thermal Discharging
TER064	146	'6258689_/_6258686'		2.4	6.6	10	1.008	1.7	9.28	5.38 No	1.008 Thermal Discharging
TER064	147	'7754056_/_7754053'		2.4	6.5	10	1.008	1.7	9.2	5.38 No	1.008 Thermal Discharging
TER064	148	'6258541_/_43879879'		2.2	6.3	10	1.008	2.6	8.93	5.38 No	1.008 Thermal Discharging
TER064	149	'6258558_/_43879892'		2.2	6.1	10	1.008	1.7	8.69	5.38 No	1.008 Thermal Discharging
TER064	150	'9646214_/_9646211'		2.2	6.1	10	1.008	1.7	8.61	5.38 No	1.008 Thermal Discharging
TER065	0	'TER065_/_8075255'		10	10	10	1.112	10	10	5.5 No	1.112 Thermal Discharging
TER065	1	'8075258_/_8075255'		10	10	10	1.112	10	10	5.5 No	1.112 Thermal Discharging
TER065	2	'9020304_/_9020301'		10	10	10	1.112	10	10	5.5 No	1.112 Thermal Discharging
TER065	3	'8700200_/_9295432'		10	10	10	1.112	10	10	5.5 No	1.112 Thermal Discharging
TER065	4	'7754391_/_8700198'		10	10	10	1.112	10	10	5.5 No	1.112 Thermal Discharging
TER065	5	'7754392_/_7754389'		10	10	10	1.112	10	10	5.5 No	1.112 Thermal Discharging
TER065	6	'9295555_/_9646807'		10	10	10	1.112	10	10	5.5 No	1.112 Thermal Discharging
TER065	7	'114819086_/_54732491_2'		10	10	10	1.112	10	10	5.5 No	1.112 Thermal Discharging
TER065	8	'44150611_/_54732491_1'		10	10	10	1.112	10	10	5.5 No	1.112 Thermal Discharging
TER065	9	'6260969_/_6260983'		10	10	10	1.112	10	10	5.5 No	1.112 Thermal Discharging
TER065	10	'43880305_/_6260966'		10	10	10	1.112	10	10	5.5 No	1.112 Thermal Discharging
TER065	11	'6260589_/_6260626'		10	10	10	1.112	10	10	5.5 No	1.112 Thermal Discharging
TER065	12	'6260588_/_6260586'		10	10	10	1.112	10	10	5.5 No	1.112 Thermal Discharging
TER065	13	'92293970_/_6260603_1'		10	10	10	1.112	1.7	10	5.5 No	1.112 Thermal Discharging
TER065	14	'6260645_/_6260643'		10	10	10	1.112	10	10	5.5 No	1.112 Thermal Discharging
TER065	15	'6260663_/_8700118_2'		10	10	10	1.112	5.4	10	5.5 No	1.112 Thermal Discharging
TER065	16	'54349352_/_6261020'		10	10	10	1.112	10	10	5.5 No	1.112 Thermal Discharging
TER065	17	'54349465_/_54349390_1'		10	10	10	1.112	0.9	10	5.5 No	0.9 Element Fault
TER065	18	'54349344_/_7098152'		10	10	10	1.112	10	10	5.5 No	1.112 Thermal Discharging
TER065	19	'8700121_/_8700118_1'		10	10	10	1.112	1.5	10	5.5 No	1.112 Thermal Discharging
TER065	20	'5509529_/_5509527'		10	10	10	1.112	10	10	5.5 No	1.112 Thermal Discharging
TER065	21	'5504332_/_5509544'		10	10	10	1.112	10	10	5.5 No	1.112 Thermal Discharging
TER065	22	'6260606_/_6260603_2'		10	10	10	1.112	1.7	10	5.5 No	1.112 Thermal Discharging
TER065	23	'5504298_/_5504329'		10	10	10	1.112	10	10	5.5 No	1.112 Thermal Discharging
TER065	24	'5504315_/_5504312'		10	10	10	1.112	10	10	5.5 No	1.112 Thermal Discharging
TER065	25	'43727385_/_43727387'		10	10	10	1.112	10	10	5.5 No	1.112 Thermal Discharging
TER065	26	'43727058_/_5504346'		10	10	10	1.112	10	10	5.5 No	1.112 Thermal Discharging
TER065	27	'5504281_/_5504278_2'		10	10	10	1.112	10	10	5.5 No	1.112 Thermal Discharging
TER065	28	'5504280_/_5504278_1'		10	10	10	1.112	10	10	5.5 No	1.112 Thermal Discharging
TER065	29	'5509702_/_43727060'		10	10	10	1.112	10	10	5.5 No	1.112 Thermal Discharging
TER065	30	'5477233_/_5509510'		10	10	10	1.112	10	10	5.5 No	1.112 Thermal Discharging
TER065	31	'54349383_/_54349390_2'		10	10	10	1.112	0.9	10	5.5 No	0.9 Element Fault
TER065	32	'5477232_/_5477230'		10	10	10	1.112	10	10	5.5 No	1.112 Thermal Discharging
TER065	33	'5477249_/_5477247'		10	10	10	1.112	10	10	5.5 No	1.112 Thermal Discharging
TER065	34	'8661106_/_9589611_2'		10	10	10	1.112	5.4	10	5.5 No	1.112 Thermal Discharging
TER065	35	'43726656_/_43726658'		10	10	10	1.112	10	10	5.5 No	1.112 Thermal Discharging
TER065	36	'9293224_/_9589611_1'		10	10	10	1.112	1.5	10	5.5 No	1.112 Thermal Discharging
TER065	37	'5477266_/_5477264'		10	10	10	1.112	10	10	5.5 No	1.112 Thermal Discharging
TER065	38	'379259173_/_5502424_2'		10	10	10	1.112	4.7	10	5.5 No	1.112 Thermal Discharging
TER065	39	'5501022_/_5501036'		9.9	10	10	1.112	10	10	5.5 No	1.112 Thermal Discharging
TER065	40	'92294246_/_5503579_1'		3.33	3.33	3.33	0.368	0.5	3.33	1.83 No	0.368 Thermal Discharging
TER065	41	'5501005_/_5501019'		9.5	10	10	1.112	10	10	5.5 No	1.112 Thermal Discharging
TER065	42	'5500989_/_5501002'		9.2	10	10	1.112	10	10	5.5 No	1.112 Thermal Discharging
TER065	43	'8039389_/_8980401_2'		9.5	10	10	1.112	5.5	10	5.5 No	1.112 Thermal Discharging
TER065	44	'415175535_/_5500987_1'		9.2	10	10	1.112	1.5	10	5.5 No	1.112 Thermal Discharging
TER065	45	'5501215_/_5501229'		8.8	10	10	1.112	10	10	5.5 No	1.112 Thermal Discharging
TER065	46	'5501251_/_5502424_1'		8.4	10	10	1.112	1.5	10	5.5 No	1.112 Thermal Discharging
TER065	47	'5500938_/_5503579_2'		3.33	3.33	3.33	0.368	0.5	3.33	1.83 No	0.368 Thermal Discharging
TER065	48	'86430105_/_5502439_2'		8.8	10	10	1.112	4.8	10	5.5 No	1.112 Thermal Discharging
TER065	49	'5501198_/_5501212'		8.6	10	10	1.112	10	10	5.5 No	1.112 Thermal Discharging
TER065	50	'9293223_/_9293221'		7.6	10	10	1.112	1.5	10	5.5 No	1.112 Thermal Discharging
TER065	51	'5501181_/_5501195'		8.4	10	10	1.112	10	10	5.5 No	1.112 Thermal Discharging
TER065	52	'5500971_/_5500987_2'		8.1	10	10	1.112	1.5	10	5.5 No	1.112 Thermal Discharging
TER065	53	'5501164_/_5501178'		8.1	10	10	1.112	10	10	5.5 No	1.112 Thermal Discharging
TER065	54	'92294084_/_5505920_1'		5.2	6.67	6.67	0.744	1	6.67	3.67 No	0.744 Thermal Discharging
TER065	55	'5501147_/_5501161'		7.8	10	10	1.112	10	10	5.5 No	1.112 Thermal Discharging
TER065	56	'5501146_/_5501144'		7.7	10	10	1.112	10	10	5.5 No	1.112 Thermal Discharging
TER065	57	'92294118_/_43726632_1'		7.8	10	10	1.112	1.5	10	5.5 No	1.112 Thermal Discharging
TER065	58	'5505861_/_5505920_2'		5	6.67	6.67	0.744	1	6.67	3.67 No	0.744 Thermal Discharging
TER065	59	'5501252_/_5501249'		7.1	10	10	1.112	1.5	10	5.5 No	1.112 Thermal Discharging
TER065	60	'5505958_/_5505972'		7.5	10	10	1.112	10	10	5.5 No	1.112 Thermal Discharging
TER065	61	'43726522_/_5500969'		7.1	10	10	1.112	1.5	10	5.5 No	1.112 Thermal Discharging
TER065	62	'5501273_/_5502439_1'		7.1	10	10	1.112	2.4	10	5.5 No	1.112 Thermal Discharging
TER065	63	'5505896_/_5505894_1'		2.57	3.33	3.33	0.368	0.5	3.33	1.83 No	0.368 Thermal Discharging
TER065	64	'5505941_/_5505955'		7.3	10	10	1.112	10	10	5.5 No	1.112 Thermal Discharging
TER065	65	'43726643_/_43726645'		7	10	10	1.112	4.8	10	5.5 No	1.112 Thermal Discharging
TER065	66	'92294265_/_5506063_2'		7.5	10	10	1.112	3.6	10	5.5 No	1.112 Thermal Discharging
TER065	67	'43726546_/_5500936'		2.53	3.33	3.33	0.368	0.5	3.33	1.83 No	0.368 Thermal Discharging
TER065	68	'5505940_/_5505938'		7.2	10	10	1.112	10	10	5.5 No	1.112 Thermal Discharging
TER065	69	'5502380_/_8352931_1'		7	10	10	1.112	1.5	10	5.5 No	1.112 Thermal Discharging
TER065	70	'8352934_/_8352931_2'		6.8	10	10	1.112	1.5	10	5.5 No	1.112 Thermal Discharging
TER065	71	'8980403_/_8980401_1'		6.7	10	10	1.112	2.5	10	5.5 No	1.112 Thermal Discharging
TER065	72	'5501134_/_5505989'		7	10	10	1.112	10	10	5.5 No	1.112 Thermal Discharging
TER065	73	'92294225_/_5501131_2'		2.37	3.33	3.33	0.368	3.33	3.33	1.83 No	0.368 Thermal Discharging
TER065	74	'5506012_/_5506026_1'		6.9	10	10	1.112	1.5	10	5.5 No	1.112 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TER065	75	'92294148_/5506026_2'		6.9	10	10	1.112	1.5	10	5.5 No	1.112 Thermal Discharging
TER065	76	'5497675_/5502476'		6.9	10	10	1.112	1.5	10	5.5 No	1.112 Thermal Discharging
TER065	77	'5501121_/5501131_1'		2.37	3.33	3.33	0.368	0.5	3.33	1.83 No	0.368 Thermal Discharging
TER065	78	'5505731_/5505894_2'		2.57	3.33	3.33	0.368	0.5	3.33	1.83 No	0.368 Thermal Discharging
TER065	79	'5501081_/5501118'		2.4	3.33	3.33	0.368	0.5	3.33	1.83 No	0.368 Thermal Discharging
TER065	80	'5505876_/5506026_3'		6.5	10	10	1.112	1.5	10	5.5 No	1.112 Thermal Discharging
TER065	81	'5496337_/5497826'		6.6	10	10	1.112	1.5	10	5.5 No	1.112 Thermal Discharging
TER065	82	'330440191_/330440207'		6.6	10	10	1.112	1.5	10	5.5 No	1.112 Thermal Discharging
TER065	83	'5501095_/5501105'		2.43	3.33	3.33	0.368	0.5	3.33	1.83 No	0.368 Thermal Discharging
TER065	84	'43726500_/5505859'		4.07	6.67	6.67	0.744	1	6.67	3.67 No	0.744 Thermal Discharging
TER065	85	'5501068_/5501066_1'		2.4	3.33	3.33	0.368	0.5	3.33	1.83 No	0.368 Thermal Discharging
TER065	86	'5502403_/43726632_2'		6	10	10	1.112	1.5	10	5.5 No	1.112 Thermal Discharging
TER065	87	'5495533_/5501270'		5.9	10	10	1.112	2.4	10	5.5 No	1.112 Thermal Discharging
TER065	88	'5496092_/5505729'		2.3	3.33	3.33	0.368	0.5	3.33	1.83 No	0.368 Thermal Discharging
TER065	89	'5501056_/5501092'		2.47	3.33	3.33	0.368	0.5	3.33	1.83 No	0.368 Thermal Discharging
TER065	90	'43724739_/43724741'		6.1	10	10	1.112	1.5	10	5.5 No	1.112 Thermal Discharging
TER065	91	'5501055_/43726432'		2.37	3.33	3.33	0.368	0.5	3.33	1.83 No	0.368 Thermal Discharging
TER065	92	'5498991_/5501066_2'		2.23	3.33	3.33	0.368	0.5	3.33	1.83 No	0.368 Thermal Discharging
TER065	93	'5495393_/5495390'		1.93	3.33	3.33	0.368	0.5	3.33	1.83 No	0.368 Thermal Discharging
TER065	94	'535105667_/5496354_2'		5.9	10	10	1.112	1.5	10	5.5 No	1.112 Thermal Discharging
TER065	95	'5477540_/5496354_1'		5.9	10	10	1.112	1.5	10	5.5 No	1.112 Thermal Discharging
TER065	96	'5502458_/43726619'		5.5	10	10	1.112	1.5	10	5.5 No	1.112 Thermal Discharging
TER065	97	'5497817_/5506063_1'		5.5	10	10	1.112	1.5	10	5.5 No	1.112 Thermal Discharging
TER065	98	'5495458_/5495455'		5.2	10	10	1.112	1.5	10	5.5 No	1.112 Thermal Discharging
TER065	99	'5477523_/5477537'		5.5	10	10	1.112	1.5	10	5.5 No	1.112 Thermal Discharging
TER065	100	'5497676_/5497673'		5.3	10	10	1.112	3.6	10	5.5 No	1.112 Thermal Discharging
TER065	101	'5505440_/5505437'		5.5	10	10	1.112	1.5	10	5.5 No	1.112 Thermal Discharging
TER065	102	'5496158_/43726491'		1.7	3.33	3.33	0.368	0.5	3.33	1.83 No	0.368 Thermal Discharging
TER065	103	'122835096_/5477466_2'		5.4	10	10	1.112	5.3	10	5.5 No	1.112 Thermal Discharging
TER065	104	'5477415_/5477520'		5.4	10	10	1.112	1.5	10	5.5 No	1.112 Thermal Discharging
TER065	105	'5477414_/5477412'		5.3	10	10	1.112	1.5	10	5.5 No	1.112 Thermal Discharging
TER065	106	'9294298_/9296412_2'		5.2	10	10	1.112	4.5	10	5.5 No	1.112 Thermal Discharging
TER065	107	'5495135_/5495530'		4.9	10	10	1.112	2.4	10	5.5 No	1.112 Thermal Discharging
TER065	108	'43726883_/5505454'		5.3	10	10	1.112	1.5	10	5.5 No	1.112 Thermal Discharging
TER065	109	'5495406_/5495403'		1.7	3.33	3.33	0.368	0.5	3.33	1.83 No	0.368 Thermal Discharging
TER065	110	'43726897_/43726885'		5.2	10	10	1.112	1.5	10	5.5 No	1.112 Thermal Discharging
TER065	111	'5496173_/5505874'		4.9	10	10	1.112	1.5	10	5.5 No	1.112 Thermal Discharging
TER065	112	'5477360_/5477375_2'		5.1	10	10	1.112	3.6	10	5.5 No	1.112 Thermal Discharging
TER065	113	'439427283_/407741945_1'		5.2	10	10	1.112	5.4	10	5.5 No	1.112 Thermal Discharging
TER065	114	'43726910_/43726912'		5.2	10	10	1.112	1.5	10	5.5 No	1.112 Thermal Discharging
TER065	115	'8980867_/8980865_2'		5.1	10	10	1.112	4.4	10	5.5 No	1.112 Thermal Discharging
TER065	116	'277030020_/277030102'		5.1	10	10	1.112	1.5	10	5.5 No	1.112 Thermal Discharging
TER065	117	'633941331_/407741945_2'		5.2	10	10	1.112	1.5	10	5.5 No	1.112 Thermal Discharging
TER065	118	'615050302_/615050306'		5.1	10	10	1.112	1.5	10	5.5 No	1.112 Thermal Discharging
TER065	119	'634105781_/634105729_1'		5.1	10	10	1.112	0.9	10	5.5 No	0.9 Element Fault
TER065	120	'5477451_/5477449'		5	10	10	1.112	1.5	10	5.5 No	1.112 Thermal Discharging
TER065	121	'277030053_/277030050'		1.63	3.33	3.33	0.368	1.5	3.33	1.83 No	0.368 Thermal Discharging
TER065	122	'43726594_/5497815'		4.6	10	10	1.112	1.5	10	5.5 No	1.112 Thermal Discharging
TER065	123	'43726441_/5498989'		1.73	3.33	3.33	0.368	0.5	3.33	1.83 No	0.368 Thermal Discharging
TER065	124	'5477283_/5477466_1'		4.7	10	10	1.112	2.9	10	5.5 No	1.112 Thermal Discharging
TER065	125	'634105713_/634105729_2'		4.7	10	10	1.112	0.9	10	5.5 No	0.9 Element Fault
TER065	126	'Node_6479682297_/407741945_3'		4.7	10	10	1.112	1.5	10	5.5 No	1.112 Thermal Discharging
TER065	127	'43726478_/5496090'		1.67	3.33	3.33	0.368	0.5	3.33	1.83 No	0.368 Thermal Discharging
TER065	128	'5477361_/5477375_1'		4.6	10	10	1.112	1.5	10	5.5 No	1.112 Thermal Discharging
TER065	129	'43726534_/5495470'		4.3	10	10	1.112	1.5	10	5.5 No	1.112 Thermal Discharging
TER065	130	'8980868_/8980865_1'		4.6	10	10	1.112	1.5	10	5.5 No	1.112 Thermal Discharging
TER065	131	'9296415_/9296412_1'		4.5	10	10	1.112	1.6	10	5.5 No	1.112 Thermal Discharging
TER065	132	'43724520_/5495132'		4.3	10	10	1.112	2.4	10	5.5 No	1.112 Thermal Discharging
TER065	133	'43726452_/5496171'		4.1	10	10	1.112	1.5	10	5.5 No	1.112 Thermal Discharging
TER065	134	'8352833_/8980051'		4.3	10	10	1.112	1.5	10	5.5 No	1.112 Thermal Discharging
TER065	135	'392492670_/5477281_1'		4.3	10	10	1.112	2.9	10	5.5 No	1.112 Thermal Discharging
TER065	136	'392492409_/5477281_2'		4.3	10	10	1.112	2.9	10	5.5 No	1.112 Thermal Discharging
TER065	137	'43726557_/5495416'		1.37	3.33	3.33	0.368	0.5	3.33	1.83 No	0.368 Thermal Discharging
TER065	138	'5477306_/5477304'		4.2	10	10	1.112	2.9	10	5.5 No	1.112 Thermal Discharging
TER065	139	'5495117_/5495115'		3.8	10	10	1.112	2.4	10	5.5 No	1.112 Thermal Discharging
TER065	140	'5496106_/5496103'		1.43	3.33	3.33	0.368	0.5	3.33	1.83 No	0.368 Thermal Discharging
TER065	141	'5477323_/5477321'		4	10	10	1.112	2.9	10	5.5 No	1.112 Thermal Discharging
TER065	142	'5496064_/43726443'		1.43	3.33	3.33	0.368	0.5	3.33	1.83 No	0.368 Thermal Discharging
TER065	143	'5496191_/43726454'		3.7	10	10	1.112	1.5	10	5.5 No	1.112 Thermal Discharging
TER065	144	'5495488_/43726536'		3.6	10	10	1.112	1.5	10	5.5 No	1.112 Thermal Discharging
TER065	145	'52228437_/5477341'		3.9	10	10	1.112	2.9	10	5.5 No	1.112 Thermal Discharging
TER065	146	'122835030_/122834980_2'		3.9	10	10	1.112	2.9	10	5.5 No	1.112 Thermal Discharging
TER065	147	'156383633_/156383630'		3.9	10	10	1.112	2.9	10	5.5 No	1.112 Thermal Discharging
TER065	148	'9294278_/9603643_1'		3.9	10	10	1.112	0.9	10	5.5 No	0.9 Element Fault
TER065	149	'52228475_/52228266_1'		3.9	10	10	1.112	0.9	10	5.5 No	0.9 Element Fault
TER065	150	'92294157_/43726596'		3.6	10	10	1.112	1.5	10	5.5 No	1.112 Thermal Discharging
TER065	151	'156384779_/156383730_2'		3.9	10	10	1.112	2.9	10	5.5 No	1.112 Thermal Discharging
TER065	152	'5495151_/43724764'		3.6	10	10	1.112	2.4	10	5.5 No	1.112 Thermal Discharging
TER065	153	'5495302_/5495316'		3.6	10	10	1.112	2.4	10	5.5 No	1.112 Thermal Discharging
TER065	154	'9603646_/9603643_2'		3.9	10	10	1.112	0.9	10	5.5 No	0.9 Element Fault
TER065	155	'5496323_/8659919_1'		3.6	10	10	1.112	0.4	10	5.5 No	0.4 Element Fault
TER065	156	'156383693_/156383730_1'		3.8	10	10	1.112	1.5	10	5.5 No	1.112 Thermal Discharging
TER065	157	'52228443_/52228266_2'		3.7	10	10	1.112	0.9	10	5.5 No	0.9 Element Fault
TER065	158	'5495503_/5495500'		3.4	10	10	1.112	1.5	10	5.5 No	1.112 Thermal Discharging
TER065	159	'633941349_/578984789'		3.6	10	10	1.112	1.5	10	5.5 No	1.112 Thermal Discharging
TER065	160	'5495339_/5495336'		3.5	10	10	1.112	2.4	10	5.5 No	1.112 Thermal Discharging
TER065	161	'122834969_/122834980_1'		3.7	10	10	1.112	2	10	5.5 No	1.112 Thermal Discharging
TER065	162	'5495432_/5495429'		1.17	3.33	3.33	0.368	0.5	3.33	1.83 No	0.368 Thermal Discharging
TER065	163	'43724775_/5495299'		3.4	10	10	1.112	2.4	10	5.5 No	1.112 Thermal Discharging
TER065	164	'455559565_/8659919_2'		3.4	10	10	1.112	0.4	10	5.5 No	0.4 Element Fault
TER065	165	'43726511_/5496116'		1.27	3.33	3.33	0.368	0.5	3.33	1.83 No	0.368 Thermal Discharging
TER065	166	'5496208_/5496205'		3.4	10	10	1.112	1.5	10	5.5 No	1.112 Thermal Discharging
TER065	167	'8659922_/455559595'		3.3	10	10	1.112	0.4	10	5.5 No	0.4 Element Fault
TER065	168	'156383654_/156383672'		3.6	10	10	1.112	2	10	5.5 No	1.112 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TER065	169	'156384736_/156383711_1'		3.6	10	10	1.112	1.5	10	5.5 No	1.112 Thermal Discharging
TER065	170	'5495356_/5495353'		3.3	10	10	1.112	2.4	10	5.5 No	1.112 Thermal Discharging
TER065	171	'5496077_/5496074'		1.23	3.33	3.33	0.368	0.5	3.33	1.83 No	0.368 Thermal Discharging
TER065	172	'53112168_/52228397'		3.4	10	10	1.112	0.9	10	5.5 No	0.9 Element Fault
TER065	173	'5495193_/5495282'		3.2	10	10	1.112	2.4	10	5.5 No	1.112 Thermal Discharging
TER065	174	'5496132_/5496129'		1.17	3.33	3.33	0.368	0.5	3.33	1.83 No	0.368 Thermal Discharging
TER065	175	'5495376_/5495373'		3.1	10	10	1.112	2.4	10	5.5 No	1.112 Thermal Discharging
TER065	176	'43725525_/5495515'		3	10	10	1.112	1.5	10	5.5 No	1.112 Thermal Discharging
TER065	177	'5494999_/5495442'		1.03	3.3	3.33	0.368	0.5	3.33	1.83 No	0.368 Thermal Discharging
TER065	178	'5496242_/5496239'		1.1	3.3	3.33	0.368	0.5	3.33	1.83 No	0.368 Thermal Discharging
TER065	179	'43726465_/5496222'		2.9	9.5	10	1.112	1.5	10	5.5 No	1.112 Thermal Discharging
TER065	180	'5495172_/5495190'		1.93	6.33	6.67	0.744	1.6	6.67	3.67 No	0.744 Thermal Discharging
TER065	181	'5495208_/5495222'		2.9	9.5	10	1.112	2.4	10	5.5 No	1.112 Thermal Discharging
TER065	182	'5495245_/5495242'		2.8	9	10	1.112	2.4	10	5.5 No	1.112 Thermal Discharging
TER065	183	'43724948_/5496142'		1.03	3	3.33	0.368	0.5	3.33	1.83 No	0.368 Thermal Discharging
TER065	184	'43726756_/43726758'		2.8	8.9	10	1.112	2.4	10	5.5 No	1.112 Thermal Discharging
TER065	185	'469761967_/470579129_1'		2.8	8.9	10	1.112	1.5	10	5.5 No	1.112 Thermal Discharging
TER065	186	'5495000_/5494997'		0.93	2.93	3.33	0.368	0.5	3.33	1.83 No	0.368 Thermal Discharging
TER065	187	'5495054_/43725527'		2.6	8.5	10	1.112	1.5	10	5.5 No	1.112 Thermal Discharging
TER065	188	'5496046_/5496252'		2.6	8.3	10	1.112	1.5	10	5.5 No	1.112 Thermal Discharging
TER065	189	'5495265_/5495262'		2.6	8.2	10	1.112	2.4	10	5.5 No	1.112 Thermal Discharging
TER065	190	'5495013_/5495010'		0.9	2.77	3.33	0.368	0.5	3.33	1.83 No	0.368 Thermal Discharging
TER065	191	'9589733_/470579129_2'		2.6	8.2	10	1.112	1.5	10	5.5 No	1.112 Thermal Discharging
TER065	192	'43725331_/5495052'		2.5	8	10	1.112	1.5	10	5.5 No	1.112 Thermal Discharging
TER065	193	'5495602_/5495599'		0.97	2.7	3.33	0.368	0.5	3.32	1.83 No	0.368 Thermal Discharging
TER065	194	'5495171_/5495169'		1.67	5.27	6.67	0.744	1.6	6.67	3.67 No	0.744 Thermal Discharging
TER065	195	'43724935_/5496044'		2.3	7.4	10	1.112	1.5	9.68	5.5 No	1.112 Thermal Discharging
TER065	196	'5495615_/5495612'		0.87	2.47	3.33	0.368	0.5	3.15	1.83 No	0.368 Thermal Discharging
TER065	197	'5495070_/5495067'		2.3	7.2	10	1.112	1.5	9.71	5.5 No	1.112 Thermal Discharging
TER065	198	'5495085_/5495082'		2.2	7	10	1.112	1.5	9.5	5.5 No	1.112 Thermal Discharging
TER065	199	'5496010_/5496007'		2.2	6.8	10	1.112	1.5	9.2	5.5 No	1.112 Thermal Discharging
TER065	200	'43724959_/5495625'		0.83	2.3	3.33	0.368	0.5	2.99	1.83 No	0.368 Thermal Discharging
TER065	201	'5496027_/5496024'		2	6.4	10	1.112	1.5	8.81	5.5 No	1.112 Thermal Discharging
TER065	202	'5495641_/43724961'		0.77	2.1	3.33	0.368	0.5	2.82	1.83 No	0.368 Thermal Discharging
TER065	203	'5495654_/5495651'		0.73	2.03	3.33	0.368	0.5	2.77	1.83 No	0.368 Thermal Discharging
TER065	204	'5495670_/5495667'		0.7	1.97	3.33	0.368	0.5	2.68	1.83 No	0.368 Thermal Discharging
TER065	205	'5495683_/5495680'		0.7	1.9	3.33	0.368	0.5	2.62	1.83 No	0.368 Thermal Discharging
TER065	206	'5495761_/5495758'		0.67	1.9	3.33	0.368	0.5	2.6	1.83 No	0.368 Thermal Discharging
TER065	207	'5495696_/5495693'		0.67	1.83	3.33	0.368	0.5	2.55	1.83 No	0.368 Thermal Discharging
TER065	208	'43724970_/5495774'		0.67	1.8	3.33	0.368	0.5	2.52	1.83 No	0.368 Thermal Discharging
TER065	209	'5495735_/5495745'		0.63	1.8	3.33	0.368	0.5	2.5	1.83 No	0.368 Thermal Discharging
TER065	210	'5495790_/43724972'		0.63	1.73	3.33	0.368	0.5	2.43	1.83 No	0.368 Thermal Discharging
TER065	211	'43724981_/43724983'		0.63	1.73	3.33	0.368	0.5	2.43	1.83 No	0.368 Thermal Discharging
TER065	212	'5495709_/5495719'		0.6	1.67	3.33	0.368	0.5	2.37	1.83 No	0.368 Thermal Discharging
TER065	213	'5495803_/5495800'		0.6	1.67	3.33	0.368	0.5	2.36	1.83 No	0.368 Thermal Discharging
TER065	214	'5495815_/5495813'		0.6	1.6	3.33	0.368	0.5	2.3	1.83 No	0.368 Thermal Discharging
TER065	215	'5495708_/43724994'		0.6	1.6	3.33	0.368	0.5	2.3	1.83 No	0.368 Thermal Discharging
TER065	216	'5495828_/5495826'		0.57	1.6	3.33	0.368	0.5	2.27	1.83 No	0.368 Thermal Discharging
TER065	217	'5495842_/5495839'		0.57	1.57	3.33	0.368	0.5	2.24	1.83 No	0.368 Thermal Discharging
TER065	218	'43725343_/5495852'		0.57	1.53	3.33	0.368	0.5	2.19	1.83 No	0.368 Thermal Discharging
TER065	219	'5495868_/5495865'		0.53	1.47	3.33	0.368	0.5	2.14	1.83 No	0.368 Thermal Discharging
TER065	220	'5495884_/5495881'		0.53	1.43	3.33	0.368	0.5	2.1	1.83 No	0.368 Thermal Discharging
TER065	221	'5495900_/5495897'		0.5	1.4	3.33	0.368	0.5	2.04	1.83 No	0.368 Thermal Discharging
TER065	222	'43725365_/5495926'		0.5	1.37	3.33	0.368	0.5	2.01	1.83 No	0.368 Thermal Discharging
TER065	223	'5495913_/43725356'		0.5	1.37	3.33	0.368	0.5	1.99	1.83 No	0.368 Thermal Discharging
TER065	224	'5495942_/5495939'		0.5	1.33	3.33	0.368	0.5	1.96	1.83 No	0.368 Thermal Discharging
TER065	225	'5495955_/5495952'		0.47	1.27	3.33	0.368	0.5	1.89	1.83 No	0.368 Thermal Discharging
TER065	226	'43725401_/5495965'		0.43	1.23	3.33	0.368	0.5	1.83	1.83 No	0.368 Thermal Discharging
TER065	227	'5495588_/5495994'		0.43	1.2	3.33	0.368	0.5	1.78	1.83 No	0.368 Thermal Discharging
TER065	228	'5495575_/5495586'		0.43	1.17	3.33	0.368	0.5	1.75	1.83 No	0.368 Thermal Discharging
TER065	229	'5495980_/5495978'		0.4	1.13	3.33	0.368	0.5	1.72	1.83 No	0.368 Thermal Discharging
TER065	230	'5495549_/5495573'		0.4	1.13	3.33	0.368	0.5	1.7	1.83 No	0.368 Thermal Discharging
TER065	231	'43725501_/5495547'		0.4	1.1	3.33	0.368	0.5	1.67	1.83 No	0.368 Thermal Discharging
TER065	232	'5495028_/43725503'		0.4	1.07	3.33	0.368	0.5	1.64	1.83 No	0.368 Thermal Discharging
TER065	233	'5495029_/5495026'		0.4	1.07	3.33	0.368	0.5	1.62	1.83 No	0.368 Thermal Discharging
TER065	234	'43725412_/5495039'		0.37	1.03	3.33	0.368	0.5	1.59	1.83 No	0.368 Thermal Discharging
TER065	235	'5495042_/9292865_1'		0.37	1.03	3.33	0.368	0.5	1.58	1.83 No	0.368 Thermal Discharging
TER065	236	'9292868_/9292865_2'		0.37	1	3.33	0.368	0.5	1.55	1.83 No	0.368 Thermal Discharging
TER066	0	'TER066_/9646647'		10	10	10	2.056	10	10	6.07 No	2.056 Thermal Discharging
TER066	1	'9646650_/9646647'		10	10	10	2.056	10	10	6.07 No	2.056 Thermal Discharging
TER066	2	'8075217_/9646707'		10	10	10	2.056	10	10	6.07 No	2.056 Thermal Discharging
TER066	3	'8075218_/8075215'		10	10	10	2.056	10	10	6.07 No	2.056 Thermal Discharging
TER066	4	'7754411_/9295452'		10	10	10	2.056	10	10	6.07 No	2.056 Thermal Discharging
TER066	5	'7754412_/7754409'		10	10	10	2.056	10	10	6.07 No	2.056 Thermal Discharging
TER066	6	'9295575_/9295572'		10	10	10	2.056	10	10	6.07 No	2.056 Thermal Discharging
TER066	7	'114819125_/54732477_1'		10	10	10	2.056	10	10	6.07 No	2.056 Thermal Discharging
TER066	8	'54732480_/54732477_2'		10	10	10	2.056	10	10	6.07 No	2.056 Thermal Discharging
TER066	9	'6261651_/54732179_2'		10	10	10	2.056	10	10	6.07 No	2.056 Thermal Discharging
TER066	10	'54732175_/54732179_1'		10	10	10	2.056	10	10	6.07 No	2.056 Thermal Discharging
TER066	11	'54732808_/54732805'		10	10	10	2.056	10	10	6.07 No	2.056 Thermal Discharging
TER066	12	'54732140_/6261597'		10	10	10	2.056	10	10	6.07 No	2.056 Thermal Discharging
TER066	13	'54732111_/43880093'		10	10	10	2.056	10	10	6.07 No	2.056 Thermal Discharging
TER066	14	'43880078_/43880080'		10	10	10	2.056	10	10	6.07 No	2.056 Thermal Discharging
TER066	15	'6257583_/6259661'		10	10	10	2.056	10	10	6.07 No	2.056 Thermal Discharging
TER066	16	'6257566_/6257580'		10	10	10	2.056	10	10	6.07 No	2.056 Thermal Discharging
TER066	17	'6257565_/6257563'		10	10	10	2.056	10	10	6.07 No	2.056 Thermal Discharging
TER066	18	'6257396_/6257684'		10	10	10	2.056	10	10	6.07 No	2.056 Thermal Discharging
TER066	19	'6257379_/6257393'		10	10	10	2.056	10	10	6.07 No	2.056 Thermal Discharging
TER066	20	'6252750_/6257376'		10	10	10	2.056	10	10	6.07 No	2.056 Thermal Discharging
TER066	21	'386108236_/386108238'		10	10	10	2.056	10	10	6.07 No	2.056 Thermal Discharging
TER066	22	'386171978_/386109022_1'		10	10	10	2.056	1.5	10	6.07 No	1.5 Element Fault
TER066	23	'6252733_/6252747'		10	10	10	2.056	10	10	6.07 No	2.056 Thermal Discharging
TER066	24	'8070616_/9019717_1'		10	10	10	2.056	1.5	10	6.07 No	1.5 Element Fault
TER066	25	'6252716_/6252730'		10	10	10	2.056	10	10	6.07 No	2.056 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TER066	26	'386171936_/386109022_2'		10	10	10	2.056	1.5	10	6.07 No	1.5 Element Fault
TER066	27	'71644996_/9019717_2'		10	10	10	2.056	1.5	10	6.07 No	1.5 Element Fault
TER066	28	'6252699_/6252713'		10	10	10	2.056	10	10	6.07 No	2.056 Thermal Discharging
TER066	29	'386171984_/386108973_1'		10	10	10	2.056	1.5	10	6.07 No	1.5 Element Fault
TER066	30	'71645041_/71645052'		10	10	10	2.056	1.5	10	6.07 No	1.5 Element Fault
TER066	31	'43879467_/43879469'		10	10	10	2.056	10	10	6.07 No	2.056 Thermal Discharging
TER066	32	'43726581_/43726583'		10	10	10	2.056	10	10	6.07 No	2.056 Thermal Discharging
TER066	33	'5496476_/5496474'		10	10	10	2.056	10	10	6.07 No	2.056 Thermal Discharging
TER066	34	'5509635_/5509632'		10	10	10	2.056	10	10	6.07 No	2.056 Thermal Discharging
TER066	35	'5504382_/5509666'		10	10	10	2.056	10	10	6.07 No	2.056 Thermal Discharging
TER066	36	'5509651_/5509649'		10	10	10	2.056	10	10	6.07 No	2.056 Thermal Discharging
TER066	37	'5504365_/5504380'		10	10	10	2.056	10	10	6.07 No	2.056 Thermal Discharging
TER066	38	'8699759_/386108973_2'		10	10	10	2.056	1.5	10	6.07 No	1.5 Element Fault
TER066	39	'43726568_/43726570'		10	10	10	2.056	10	10	6.07 No	2.056 Thermal Discharging
TER066	40	'5496399_/5504363'		10	10	10	2.056	10	10	6.07 No	2.056 Thermal Discharging
TER066	41	'43725376_/5496397'		10	10	10	2.056	10	10	6.07 No	2.056 Thermal Discharging
TER066	42	'5496530_/43725378'		10	10	10	2.056	10	10	6.07 No	2.056 Thermal Discharging
TER066	43	'5496577_/5496574'		10	10	10	2.056	10	10	6.07 No	2.056 Thermal Discharging
TER066	44	'5496512_/5496509_2'	6.67	6.67	6.67	1.368	3.1	6.67	4.05 No	1.368 Thermal Discharging	
TER066	45	'5496594_/5496591'		10	10	10	2.056	10	10	6.07 No	2.056 Thermal Discharging
TER066	46	'5477067_/5496608'		10	10	10	2.056	10	10	6.07 No	2.056 Thermal Discharging
TER066	47	'5477050_/5477065'		10	10	10	2.056	10	10	6.07 No	2.056 Thermal Discharging
TER066	48	'5477051_/5477048'		10	10	10	2.056	10	10	6.07 No	2.056 Thermal Discharging
TER066	49	'5496907_/5496939'		10	10	10	2.056	10	10	6.07 No	2.056 Thermal Discharging
TER066	50	'5496494_/5496509_1'	6.67	6.67	6.67	1.368	1.6	6.67	4.05 No	1.368 Thermal Discharging	
TER066	51	'5496908_/5496905'		10	10	10	2.056	10	10	6.07 No	2.056 Thermal Discharging
TER066	52	'5496959_/5496956'		10	10	10	2.056	10	10	6.07 No	2.056 Thermal Discharging
TER066	53	'9293035_/9293033_1'	3.33	3.33	3.33	0.688	0.5	3.33	2.02 No	0.5 Element Fault	
TER066	54	'69385226_/69385200_1'		10	10	10	2.056	2.6	10	6.07 No	2.056 Thermal Discharging
TER066	55	'5494982_/5496973'		10	10	10	2.056	10	10	6.07 No	2.056 Thermal Discharging
TER066	56	'43725449_/5497010'		10	10	10	2.056	10	10	6.07 No	2.056 Thermal Discharging
TER066	57	'43725436_/5494980'		10	10	10	2.056	10	10	6.07 No	2.056 Thermal Discharging
TER066	58	'5496802_/5496990'		10	10	10	2.056	10	10	6.07 No	2.056 Thermal Discharging
TER066	59	'5496785_/5496799'		10	10	10	2.056	10	10	6.07 No	2.056 Thermal Discharging
TER066	60	'69385203_/69385200_2'		10	10	10	2.056	2.6	10	6.07 No	2.056 Thermal Discharging
TER066	61	'5496887_/43725464_1'		10	10	10	2.056	1.5	10	6.07 No	1.5 Element Fault
TER066	62	'413231791_/7402090_1'		10	10	10	2.056	2.3	10	6.07 No	2.056 Thermal Discharging
TER066	63	'5496493_/5496491'	6.67	6.67	6.67	1.368	1.6	6.67	4.05 No	1.368 Thermal Discharging	
TER066	64	'5496765_/5496782'		10	10	10	2.056	10	10	6.07 No	2.056 Thermal Discharging
TER066	65	'5496748_/5496762'		10	10	10	2.056	10	10	6.07 No	2.056 Thermal Discharging
TER066	66	'7402093_/7402090_2'		10	10	10	2.056	2.3	10	6.07 No	2.056 Thermal Discharging
TER066	67	'5496731_/5496745'		10	10	10	2.056	10	10	6.07 No	2.056 Thermal Discharging
TER066	68	'5496730_/5496728'		10	10	10	2.056	10	10	6.07 No	2.056 Thermal Discharging
TER066	69	'5496821_/5496819'		10	10	10	2.056	10	10	6.07 No	2.056 Thermal Discharging
TER066	70	'5496714_/5496839'		10	10	10	2.056	10	10	6.07 No	2.056 Thermal Discharging
TER066	71	'5496859_/5496872_1'	3.33	3.33	3.33	0.688	0.5	3.33	2.02 No	0.5 Element Fault	
TER066	72	'5496713_/5496711'		10	10	10	2.056	10	10	6.07 No	2.056 Thermal Discharging
TER066	73	'436230860_/9293033_2'	3.33	3.33	3.33	0.688	0.5	3.33	2.02 No	0.5 Element Fault	
TER066	74	'5496628_/5496922'		10	10	10	2.056	10	10	6.07 No	2.056 Thermal Discharging
TER066	75	'7715875_/436230884'	3.33	3.33	3.33	0.688	0.5	3.33	2.02 No	0.5 Element Fault	
TER066	76	'5496627_/5496625'		10	10	10	2.056	10	10	6.07 No	2.056 Thermal Discharging
TER066	77	'105806966_/145791276_1'		10	10	10	2.056	3.6	10	6.07 No	2.056 Thermal Discharging
TER066	78	'5496644_/5496642'		10	10	10	2.056	10	10	6.07 No	2.056 Thermal Discharging
TER066	79	'105806878_/7402110_1'		10	10	10	2.056	10	10	6.07 No	2.056 Thermal Discharging
TER066	80	'69412096_/5496542'	6.67	6.67	6.67	1.368	1.6	6.67	4.05 No	1.368 Thermal Discharging	
TER066	81	'5497035_/5497033'		10	10	10	2.056	10	10	6.07 No	2.056 Thermal Discharging
TER066	82	'8038988_/7402110_2'		10	10	10	2.056	10	10	6.07 No	2.056 Thermal Discharging
TER066	83	'5496419_/5496417'		10	10	10	2.056	10	10	6.07 No	2.056 Thermal Discharging
TER066	84	'69412118_/8352461_1'	6.67	6.67	6.67	1.368	1	6.67	4.05 No	1 Element Fault	
TER066	85	'70404457_/5496440_2'		10	10	10	2.056	10	10	6.07 No	2.056 Thermal Discharging
TER066	86	'43725111_/5496440_1'		10	10	10	2.056	10	10	6.07 No	2.056 Thermal Discharging
TER066	87	'112610343_/112610325_1'		10	10	10	2.056	4.6	10	6.07 No	2.056 Thermal Discharging
TER066	88	'5487293_/5496457'		10	10	10	2.056	10	10	6.07 No	2.056 Thermal Discharging
TER066	89	'112610331_/112610325_2'		10	10	10	2.056	4.6	10	6.07 No	2.056 Thermal Discharging
TER066	90	'5496888_/43725464_2'		10	10	10	2.056	1.5	10	6.07 No	1.5 Element Fault
TER066	91	'5508018_/5508015'		10	10	10	2.056	10	10	6.07 No	2.056 Thermal Discharging
TER066	92	'69412013_/108213193_1'		10	10	10	2.056	2.7	10	6.07 No	2.056 Thermal Discharging
TER066	93	'5487292_/5496384_2'	3.33	3.33	3.33	0.688	1.1	3.33	2.02 No	0.688 Thermal Discharging	
TER066	94	'5490953_/5490967'		10	10	10	2.056	10	10	6.07 No	2.056 Thermal Discharging
TER066	95	'5508061_/108213193_2'		10	10	10	2.056	2.7	10	6.07 No	2.056 Thermal Discharging
TER066	96	'357496566_/7717477_2'		10	10	10	2.056	2.7	10	6.07 No	2.056 Thermal Discharging
TER066	97	'5496661_/5496872_2'	3.33	3.33	3.33	0.688	0.5	3.33	2.02 No	0.5 Element Fault	
TER066	98	'7717480_/7717477_1'		10	10	10	2.056	1.6	10	6.07 No	1.6 Element Fault
TER066	99	'7402072_/145791276_2'		10	10	10	2.056	3.6	10	6.07 No	2.056 Thermal Discharging
TER066	100	'43727283_/5508455'		10	10	10	2.056	2.7	10	6.07 No	2.056 Thermal Discharging
TER066	101	'7401884_/8352461_2'	6.67	6.67	6.67	1.368	1	6.67	4.05 No	1 Element Fault	
TER066	102	'5492269_/5508038_1'		10	10	10	2.056	2.4	10	6.07 No	2.056 Thermal Discharging
TER066	103	'5496374_/5496384_1'	3.33	3.33	3.33	0.688	0.5	3.33	2.02 No	0.5 Element Fault	
TER066	104	'43725968_/5508038_2'		10	10	10	2.056	2.4	10	6.07 No	2.056 Thermal Discharging
TER066	105	'413231924_/413231943'		10	10	10	2.056	2.3	10	6.07 No	2.056 Thermal Discharging
TER066	106	'7404458_/7715873'	3.33	3.33	3.33	0.688	0.5	3.33	2.02 No	0.5 Element Fault	
TER066	107	'5508437_/5508472'		10	10	10	2.056	2.7	10	6.07 No	2.056 Thermal Discharging
TER066	108	'5492252_/43725970'		10	10	10	2.056	2.4	10	6.07 No	2.056 Thermal Discharging
TER066	109	'383897921_/9055553'		10	10	10	2.056	10	10	6.07 No	2.056 Thermal Discharging
TER066	110	'5496662_/5496659'	3.33	3.33	3.33	0.688	0.5	3.33	2.02 No	0.5 Element Fault	
TER066	111	'383897808_/383898174'		10	10	10	2.056	10	10	6.07 No	2.056 Thermal Discharging
TER066	112	'383897809_/383897806'		10	10	10	2.056	10	10	6.07 No	2.056 Thermal Discharging
TER066	113	'383897832_/383897830'		10	10	10	2.056	4.8	10	6.07 No	2.056 Thermal Discharging
TER066	114	'383897824_/383897822'		10	10	10	2.056	5.1	10	6.07 No	2.056 Thermal Discharging
TER066	115	'383897816_/383897814'		10	10	10	2.056	10	10	6.07 No	2.056 Thermal Discharging
TER066	116	'7715932_/145791331'		10	10	10	2.056	3.6	10	6.07 No	2.056 Thermal Discharging
TER066	117	'383897943_/383898204'		10	10	10	2.056	10	10	6.07 No	2.056 Thermal Discharging
TER066	118	'8038916_/8352479'	3.33	3.33	3.33	0.688	0.5	3.33	2.02 No	0.5 Element Fault	
TER066	119	'383898027_/383898280'		10	10	10	2.056	5.1	10	6.07 No	2.056 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TERO66	120	'43725190_/_5496371'	3.33		3.33	3.33	0.688	0.5	3.33	2.02 No	0.5 Element Fault
TERO66	121	'5508438_/_5508435'	10		10	10	2.056	2.7	10	6.07 No	2.056 Thermal Discharging
TERO66	122	'383898046_/_389977843'	10		10	10	2.056	4.8	10	6.07 No	2.056 Thermal Discharging
TERO66	123	'7401885_/_7401882'	3.33		3.33	3.33	0.688	0.5	3.33	2.02 No	0.5 Element Fault
TERO66	124	'7401900_/_145791368'	10		10	10	2.056	3.6	10	6.07 No	2.056 Thermal Discharging
TERO66	125	'5508492_/_5508489'	10		10	10	2.056	2.7	10	6.07 No	2.056 Thermal Discharging
TERO66	126	'64316965_/_64316878'	10		10	10	2.056	2.4	10	6.07 No	2.056 Thermal Discharging
TERO66	127	'5492253_/_5492250'	10		10	10	2.056	2.4	10	6.07 No	2.056 Thermal Discharging
TERO66	128	'9293000_/_383898065'	10		10	10	2.056	4.8	10	6.07 No	2.056 Thermal Discharging
TERO66	129	'43727324_/_5508512'	10		10	10	2.056	2.7	10	6.07 No	2.056 Thermal Discharging
TERO66	130	'5496675_/_5496672'	3.33		3.33	3.33	0.688	0.5	3.33	2.02 No	0.5 Element Fault
TERO66	131	'7402016_/_145790639'	10		10	10	2.056	4.8	10	6.07 No	2.056 Thermal Discharging
TERO66	132	'5508532_/_43727326'	10		10	10	2.056	2.7	10	6.07 No	2.056 Thermal Discharging
TERO66	133	'5492287_/_5492284'	10		10	10	2.056	2.4	10	6.07 No	2.056 Thermal Discharging
TERO66	134	'403771994_/_8040486_1'	10		10	10	2.056	1.8	10	6.07 No	1.8 Element Fault
TERO66	135	'37962550_/_383897999'	10		10	10	2.056	10	10	6.07 No	2.056 Thermal Discharging
TERO66	136	'405045133_/_37962554'	10		10	10	2.056	10	10	6.07 No	2.056 Thermal Discharging
TERO66	137	'37962564_/_37962561'	10		10	10	2.056	10	10	6.07 No	2.056 Thermal Discharging
TERO66	138	'37962515_/_37962519'	10		10	10	2.056	4.7	10	6.07 No	2.056 Thermal Discharging
TERO66	139	'37962529_/_37962526'	10		10	10	2.056	4.6	10	6.07 No	2.056 Thermal Discharging
TERO66	140	'5487267_/_5487277'	3.33		3.33	3.33	0.688	0.5	3.33	2.02 No	0.5 Element Fault
TERO66	141	'8038917_/_8038914'	6.67		6.67	6.67	1.368	1	6.67	4.05 No	1 Element Fault
TERO66	142	'37962487_/_155966998'	10		10	10	2.056	4.7	10	6.07 No	2.056 Thermal Discharging
TERO66	143	'37962480_/_37962484'	10		10	10	2.056	4.7	10	6.07 No	2.056 Thermal Discharging
TERO66	144	'37962501_/_37962505'	10		10	10	2.056	4.7	10	6.07 No	2.056 Thermal Discharging
TERO66	145	'37962473_/_37962477'	10		10	10	2.056	4.7	10	6.07 No	2.056 Thermal Discharging
TERO66	146	'405045206_/_405045203'	10		10	10	2.056	4.7	10	6.07 No	2.056 Thermal Discharging
TERO66	147	'9019992_/_9019989'	10		10	10	2.056	10	10	6.07 No	2.056 Thermal Discharging
TERO66	148	'49209575_/_145790144'	10		10	10	2.056	4.7	10	6.07 No	2.056 Thermal Discharging
TERO66	149	'5487266_/_5487264'	3.33		3.33	3.33	0.688	0.5	3.33	2.02 No	0.5 Element Fault
TERO66	150	'5493192_/_5493189'	10		10	10	2.056	2.4	10	6.07 No	2.056 Thermal Discharging
TERO66	151	'7403874_/_7403872_1'	10		10	10	2.056	0.9	10	6.07 No	0.9 Element Fault
TERO66	152	'5487714_/_5492915'	10		10	10	2.056	2.4	10	6.07 No	2.056 Thermal Discharging
TERO66	153	'5496688_/_5496685'	3.33		3.33	3.33	0.688	0.5	3.33	2.02 No	0.5 Element Fault
TERO66	154	'8040489_/_8040486_2'	10		10	10	2.056	1.8	10	6.07 No	1.8 Element Fault
TERO66	155	'7401920_/_145791221'	10		10	10	2.056	3.6	10	6.07 No	2.056 Thermal Discharging
TERO66	156	'8070920_/_9646291'	10		10	10	2.056	10	10	6.07 No	2.056 Thermal Discharging
TERO66	157	'7401961_/_145790615'	10		10	10	2.056	4.8	10	6.07 No	2.056 Thermal Discharging
TERO66	158	'440389038_/_145790917'	10		10	10	2.056	5.1	10	6.07 No	2.056 Thermal Discharging
TERO66	159	'43725168_/_43725170'	3.33		3.33	3.33	0.688	0.5	3.33	2.02 No	0.5 Element Fault
TERO66	160	'7404459_/_7404456'	3.33		3.33	3.33	0.688	0.5	3.33	2.02 No	0.5 Element Fault
TERO66	161	'8070919_/_8070917'	10		10	10	2.056	10	10	6.07 No	2.056 Thermal Discharging
TERO66	162	'7403875_/_7403872_2'	10		10	10	2.056	0.9	10	6.07 No	0.9 Element Fault
TERO66	163	'5487715_/_5487712'	10		10	10	2.056	2.4	10	6.07 No	2.056 Thermal Discharging
TERO66	164	'37962633_/_8700042'	10		10	10	2.056	10	10	6.07 No	2.056 Thermal Discharging
TERO66	165	'405044925_/_37962659'	10		10	10	2.056	10	10	6.07 No	2.056 Thermal Discharging
TERO66	166	'389977985_/_145791186_1'	5.9		10	10	2.056	5.1	10	6.07 No	2.056 Thermal Discharging
TERO66	167	'37962459_/_37962456'	10		10	10	2.056	4.7	10	6.07 No	2.056 Thermal Discharging
TERO66	168	'37962620_/_37962617'	10		10	10	2.056	4.7	10	6.07 No	2.056 Thermal Discharging
TERO66	169	'50765377_/_5487322'	3.33		3.33	3.33	0.688	0.5	3.33	2.02 No	0.5 Element Fault
TERO66	170	'5487309_/_9607175_2'	3.33		3.33	3.33	0.688	0.5	3.33	2.02 No	0.5 Element Fault
TERO66	171	'5496701_/_5496698'	3.33		3.33	3.33	0.688	0.5	3.33	2.02 No	0.5 Element Fault
TERO66	172	'5487732_/_5487729'	10		10	10	2.056	2.4	10	6.07 No	2.056 Thermal Discharging
TERO66	173	'9293020_/_9293017'	3.33		3.33	3.33	0.688	0.5	3.33	2.02 No	0.5 Element Fault
TERO66	174	'7715972_/_145790183'	10		10	10	2.056	4.7	10	6.07 No	2.056 Thermal Discharging
TERO66	175	'5487786_/_5487783'	10		10	10	2.056	2.4	10	6.07 No	2.056 Thermal Discharging
TERO66	176	'7440752_/_597930051'	10		10	10	2.056	4.6	10	6.07 No	2.056 Thermal Discharging
TERO66	177	'43725318_/_5487766'	10		10	10	2.056	2.4	10	6.07 No	2.056 Thermal Discharging
TERO66	178	'440389017_/_440389104'	10		10	10	2.056	5.1	10	6.07 No	2.056 Thermal Discharging
TERO66	179	'5487769_/_8351173_1'	10		10	10	2.056	1	10	6.07 No	1 Element Fault
TERO66	180	'9607178_/_9607175_1'	3.33		3.33	3.33	0.688	0.3	3.33	2.02 No	0.3 Element Fault
TERO66	181	'7440672_/_8700022'	10		10	10	2.056	4.7	10	6.07 No	2.056 Thermal Discharging
TERO66	182	'8070820_/_8070817'	10		10	10	2.056	4.7	10	6.07 No	2.056 Thermal Discharging
TERO66	183	'88797664_/_88797669'	10		10	10	2.056	4.7	10	6.07 No	2.056 Thermal Discharging
TERO66	184	'7715971_/_145790225'	10		10	10	2.056	4.7	10	6.07 No	2.056 Thermal Discharging
TERO66	185	'88797745_/_88797774'	10		10	10	2.056	4.7	10	6.07 No	2.056 Thermal Discharging
TERO66	186	'6258705_/_7120929'	3.33		3.33	3.33	0.688	0.5	3.33	2.02 No	0.5 Element Fault
TERO66	187	'43725292_/_5487803'	10		10	10	2.056	2.4	10	6.07 No	2.056 Thermal Discharging
TERO66	188	'88797701_/_88797756'	10		10	10	2.056	4.7	10	6.07 No	2.056 Thermal Discharging
TERO66	189	'8351176_/_8351173_2'	10		10	10	2.056	1	10	6.07 No	1 Element Fault
TERO66	190	'7440673_/_7440670'	10		10	10	2.056	4.7	10	6.07 No	2.056 Thermal Discharging
TERO66	191	'7403536_/_440389078'	10		10	10	2.056	5.1	10	6.07 No	2.056 Thermal Discharging
TERO66	192	'8979413_/_9293049'	3.33		3.33	3.33	0.688	0.5	3.33	2.02 No	0.5 Element Fault
TERO66	193	'6258706_/_6258703'	3.33		3.33	3.33	0.688	0.5	3.33	2.02 No	0.5 Element Fault
TERO66	194	'7440713_/_510462885'	10		10	10	2.056	4.6	10	6.07 No	2.056 Thermal Discharging
TERO66	195	'7402001_/_145790457'	3.33		3.33	3.33	0.688	1.6	3.33	2.02 No	0.688 Thermal Discharging
TERO66	196	'473646962_/_597930040'	10		10	10	2.056	4.6	10	6.07 No	2.056 Thermal Discharging
TERO66	197	'5487823_/_43725294'	10		10	10	2.056	2.4	10	6.07 No	2.056 Thermal Discharging
TERO66	198	'7402000_/_145790467'	3.33		3.33	3.33	0.688	1.6	3.33	2.02 No	0.688 Thermal Discharging
TERO66	199	'8070900_/_9020009'	10		10	10	2.056	4.7	10	6.07 No	2.056 Thermal Discharging
TERO66	200	'9646002_/_9645999'	10		10	10	2.056	4.7	10	6.07 No	2.056 Thermal Discharging
TERO66	201	'8979529_/_9607789'	2.4		3.33	3.33	0.688	0.5	3.33	2.02 No	0.5 Element Fault
TERO66	202	'8070783_/_597930134'	10		10	10	2.056	4.6	10	6.07 No	2.056 Thermal Discharging
TERO66	203	'9607656_/_9607653'	3.33		3.33	3.33	0.688	0.3	3.33	2.02 No	0.3 Element Fault
TERO66	204	'43725488_/_43725490'	10		10	10	2.056	2.4	10	6.07 No	2.056 Thermal Discharging
TERO66	205	'108234711_/_7714605_1'	10		10	10	2.056	0.9	10	6.07 No	0.9 Element Fault
TERO66	206	'9055536_/_145790251'	10		10	10	2.056	4.7	10	6.07 No	2.056 Thermal Discharging
TERO66	207	'43879903_/_6258745'	3.33		3.33	3.33	0.688	0.5	3.33	2.02 No	0.5 Element Fault
TERO66	208	'7402056_/_8979411'	3.33		3.33	3.33	0.688	0.5	3.33	2.02 No	0.5 Element Fault
TERO66	209	'7714608_/_7714605_2'	10		10	10	2.056	0.9	10	6.07 No	0.9 Element Fault
TERO66	210	'8070784_/_597930018'	10		10	10	2.056	4.6	10	6.07 No	2.056 Thermal Discharging
TERO66	211	'393143108_/_7402054'	3.33		3.33	3.33	0.688	0.5	3.33	2.02 No	0.5 Element Fault
TERO66	212	'8352424_/_124216904'	8.5		10	10	2.056	5.1	10	6.07 No	2.056 Thermal Discharging
TERO66	213	'6258721_/_43879905'	3.33		3.33	3.33	0.688	0.5	3.33	2.02 No	0.5 Element Fault

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TER066	214	'8352423_/_145790965'		7.6	10	10	2.056	5.1	10	6.07 No	2.056 Thermal Discharging
TER066	215	'37962592_/_467030225'		8.7	10	10	2.056	4.6	10	6.07 No	2.056 Thermal Discharging
TER066	216	'37962585_/_37962589'		8.7	10	10	2.056	4.6	10	6.07 No	2.056 Thermal Discharging
TER066	217	'405045010_/_37962582_2'		8.7	10	10	2.056	4.6	10	6.07 No	2.056 Thermal Discharging
TER066	218	'37962605_/_37962603'		8.7	10	10	2.056	4.6	10	6.07 No	2.056 Thermal Discharging
TER066	219	'405045011_/_405045008'		8.7	10	10	2.056	4.6	10	6.07 No	2.056 Thermal Discharging
TER066	220	'37962578_/_37962582_1'		8.7	10	10	2.056	4.6	10	6.07 No	2.056 Thermal Discharging
TER066	221	'8070859_/_8070877'		8.2	10	10	2.056	4.3	10	6.07 No	2.056 Thermal Discharging
TER066	222	'8979530_/_8979527'		1.6	3.33	3.33	0.688	0.5	3.33	2.02 No	0.5 Element Fault
TER066	223	'7715991_/_145791026'		7.2	10	10	2.056	5.1	10	6.07 No	2.056 Thermal Discharging
TER066	224	'7402057_/_393143128'		2.3	3.33	3.33	0.688	0.5	3.33	2.02 No	0.5 Element Fault
TER066	225	'8660001_/_145791039'		7.2	10	10	2.056	5.1	10	6.07 No	2.056 Thermal Discharging
TER066	226	'8070860_/_8070857'		7.8	10	10	2.056	4.3	10	6.07 No	2.056 Thermal Discharging
TER066	227	'7402037_/_145790275'		7.7	10	10	2.056	4.7	10	6.07 No	2.056 Thermal Discharging
TER066	228	'6258722_/_6258719'		2.63	3.33	3.33	0.688	0.5	3.33	2.02 No	0.5 Element Fault
TER066	229	'145791118_/_145791087'		6.4	10	10	2.056	5.1	10	6.07 No	2.056 Thermal Discharging
TER066	230	'7401940_/_145791151_2'		6.4	10	10	2.056	5.1	10	6.07 No	2.056 Thermal Discharging
TER066	231	'7754115_/_8700002'		6.6	10	10	2.056	4.3	10	6.07 No	2.056 Thermal Discharging
TER066	232	'7440733_/_7754113'		6.6	10	10	2.056	4.3	10	6.07 No	2.056 Thermal Discharging
TER066	233	'7401921_/_145791151_1'		5.8	10	10	2.056	5.1	10	6.07 No	2.056 Thermal Discharging
TER066	234	'8038973_/_8979543'		1.37	3.33	3.33	0.688	0.5	3.33	2.02 No	0.5 Element Fault
TER066	235	'7440732_/_7440730'		6	10	10	2.056	4.3	10	6.07 No	2.056 Thermal Discharging
TER066	236	'7402036_/_145790330'		6.1	10	10	2.056	4.7	10	6.07 No	2.056 Thermal Discharging
TER066	237	'6258735_/_6258732'		2.17	3.33	3.33	0.688	0.5	3.33	2.02 No	0.5 Element Fault
TER066	238	'389977923_/_145790406_1'		6.2	10	10	2.056	4.8	10	6.07 No	2.056 Thermal Discharging
TER066	239	'8038972_/_8038970'		1.23	3.33	3.33	0.688	0.5	3.33	2.02 No	0.5 Element Fault
TER066	240	'7403324_/_613520507'		1.33	3.33	3.33	0.688	0.5	3.33	2.02 No	0.5 Element Fault
TER066	241	'7403325_/_7403322'		1.2	3.33	3.33	0.688	0.5	3.33	2.02 No	0.5 Element Fault
TER066	242	'463202805_/_463202824'		1.1	3.33	3.33	0.688	0.5	3.33	2.02 No	0.5 Element Fault
TER066	243	'395777665_/_395777685'		1.1	3.33	3.33	0.688	0.5	3.33	2.02 No	0.5 Element Fault
TER066	244	'7716051_/_9603627'		1.1	3.33	3.33	0.688	0.5	3.33	2.02 No	0.5 Element Fault
TER066	245	'7716052_/_7716049_1'		1.07	3.33	3.33	0.688	0.5	3.33	2.02 No	0.5 Element Fault
TER071	0	'TER071_/_9646527'		10	10	10	1.4	10	10	5.56 No	1.4 Thermal Discharging
TER071	1	'9646530_/_9646527'		10	10	10	1.4	10	10	5.56 No	1.4 Thermal Discharging
TER071	2	'9020263_/_9646727'		10	10	10	1.4	10	10	5.56 No	1.4 Thermal Discharging
TER071	3	'9020264_/_9020261'		10	10	10	1.4	10	10	5.56 No	1.4 Thermal Discharging
TER071	4	'9020283_/_9646687'		10	10	10	1.4	10	10	5.56 No	1.4 Thermal Discharging
TER071	5	'7754271_/_9020281'		10	10	10	1.4	10	10	5.56 No	1.4 Thermal Discharging
TER071	6	'156760149_/_7754269'		10	10	10	1.4	10	10	5.56 No	1.4 Thermal Discharging
TER071	7	'157448606_/_156760414'		10	10	10	1.4	10	10	5.56 No	1.4 Thermal Discharging
TER071	8	'156625490_/_156749521'		10	10	10	1.4	10	10	5.56 No	1.4 Thermal Discharging
TER071	9	'156760245_/_156760763'		10	10	10	1.4	10	10	5.56 No	1.4 Thermal Discharging
TER071	10	'7440848_/_156760247'		10	10	10	1.4	10	10	5.56 No	1.4 Thermal Discharging
TER071	11	'7440849_/_7440846'		10	10	10	1.4	10	10	5.56 No	1.4 Thermal Discharging
TER071	12	'9019891_/_9646171'		10	10	10	1.4	10	10	5.56 No	1.4 Thermal Discharging
TER071	13	'8389714_/_9019889'		10	10	10	1.4	10	10	5.56 No	1.4 Thermal Discharging
TER071	14	'8389715_/_8389712'		10	10	10	1.4	10	10	5.56 No	1.4 Thermal Discharging
TER071	15	'8389734_/_9019809'		10	10	10	1.4	10	10	5.56 No	1.4 Thermal Discharging
TER071	16	'7753955_/_8389732'		10	10	10	1.4	10	10	5.56 No	1.4 Thermal Discharging
TER071	17	'7753956_/_7753953'		10	10	10	1.4	10	10	5.56 No	1.4 Thermal Discharging
TER071	18	'8070704_/_8070701'		10	10	10	1.4	10	10	5.56 No	1.4 Thermal Discharging
TER071	19	'8699895_/_8699892'		10	10	10	1.4	10	10	5.56 No	1.4 Thermal Discharging
TER071	20	'8070723_/_9019829'		10	10	10	1.4	10	10	5.56 No	1.4 Thermal Discharging
TER071	21	'8070724_/_8070721'		10	10	10	1.4	10	10	5.56 No	1.4 Thermal Discharging
TER071	22	'8111580_/_8699912'		10	10	10	1.4	10	10	5.56 No	1.4 Thermal Discharging
TER071	23	'7753635_/_8111578'		10	10	10	1.4	10	10	5.56 No	1.4 Thermal Discharging
TER071	24	'7753636_/_7753633'		10	10	10	1.4	10	10	5.56 No	1.4 Thermal Discharging
TER071	25	'8389557_/_8389554'		10	10	10	1.4	10	10	5.56 No	1.4 Thermal Discharging
TER071	26	'7440300_/_9332794'		10	10	10	1.4	10	10	5.56 No	1.4 Thermal Discharging
TER071	27	'7440301_/_7440298'		10	10	10	1.4	10	10	5.56 No	1.4 Thermal Discharging
TER071	28	'7421081_/_9645807'		10	10	10	1.4	10	10	5.56 No	1.4 Thermal Discharging
TER071	29	'7421082_/_7421079_1'		10	10	10	1.4	10	10	5.56 No	1.4 Thermal Discharging
TER071	30	'6237666_/_7421079_2'		10	10	10	1.4	10	10	5.56 No	1.4 Thermal Discharging
TER071	31	'6237615_/_6237664'		10	10	10	1.4	10	10	5.56 No	1.4 Thermal Discharging
TER071	32	'6240010_/_6240008_2'		3.33	3.33	3.33	0.464	1.5	3.33	1.85 No	0.464 Thermal Discharging
TER071	33	'6237616_/_6237613'		10	10	10	1.4	10	10	5.56 No	1.4 Thermal Discharging
TER071	34	'455070748_/_453083524_1'		10	10	10	1.4	1.5	10	5.56 No	1.4 Thermal Discharging
TER071	35	'6240982_/_6240979'		10	10	10	1.4	10	10	5.56 No	1.4 Thermal Discharging
TER071	36	'453083527_/_453083524_2'		10	10	10	1.4	1.5	10	5.56 No	1.4 Thermal Discharging
TER071	37	'43875628_/_6240996'		10	10	10	1.4	10	10	5.56 No	1.4 Thermal Discharging
TER071	38	'6237518_/_6237630'		10	10	10	1.4	10	10	5.56 No	1.4 Thermal Discharging
TER071	39	'602351785_/_602351761_1'		10	10	10	1.4	1.5	10	5.56 No	1.4 Thermal Discharging
TER071	40	'522616116_/_6237516_1'		3.33	3.33	3.33	0.464	0.5	3.33	1.85 No	0.464 Thermal Discharging
TER071	41	'6240011_/_6240008_1'		3.33	3.33	3.33	0.464	0.5	3.33	1.85 No	0.464 Thermal Discharging
TER071	42	'6238852_/_6238849'		10	10	10	1.4	10	10	5.56 No	1.4 Thermal Discharging
TER071	43	'6240959_/_453083542'		10	10	10	1.4	1.5	10	5.56 No	1.4 Thermal Discharging
TER071	44	'602351743_/_602351761_2'		10	10	10	1.4	1.5	10	5.56 No	1.4 Thermal Discharging
TER071	45	'43875652_/_6237516_2'		3.33	3.33	3.33	0.464	0.5	3.33	1.85 No	0.464 Thermal Discharging
TER071	46	'6238795_/_6238869'		10	10	10	1.4	10	10	5.56 No	1.4 Thermal Discharging
TER071	47	'6237519_/_6237529_1'		3.33	3.33	3.33	0.464	0.5	3.33	1.85 No	0.464 Thermal Discharging
TER071	48	'6238796_/_6238806_1'		3.33	3.33	3.33	0.464	0.5	3.33	1.85 No	0.464 Thermal Discharging
TER071	49	'43876392_/_6238886'		10	10	10	1.4	10	10	5.56 No	1.4 Thermal Discharging
TER071	50	'6237573_/_6238806_2'		3.33	3.33	3.33	0.464	0.5	3.33	1.85 No	0.464 Thermal Discharging
TER071	51	'6238194_/_43876432'		10	10	10	1.4	10	10	5.56 No	1.4 Thermal Discharging
TER071	52	'6238299_/_6238296'		10	10	10	1.4	10	10	5.56 No	1.4 Thermal Discharging
TER071	53	'43875663_/_6237529_2'		3.33	3.33	3.33	0.464	0.5	3.33	1.85 No	0.464 Thermal Discharging
TER071	54	'6240354_/_6240351'		10	10	10	1.4	10	10	5.56 No	1.4 Thermal Discharging
TER071	55	'114819229_/_9332834_1'		10	10	10	1.4	10	10	5.56 No	1.4 Thermal Discharging
TER071	56	'391617052_/_6240334'		10	10	10	1.4	4.7	10	5.56 No	1.4 Thermal Discharging
TER071	57	'6240299_/_6240297_2'		10	10	10	1.4	3.6	10	5.56 No	1.4 Thermal Discharging
TER071	58	'391617418_/_391617239_2'		10	10	10	1.4	4.7	10	5.56 No	1.4 Thermal Discharging
TER071	59	'37962263_/_9332834_2'		10	10	10	1.4	10	10	5.56 No	1.4 Thermal Discharging
TER071	60	'405044659_/_37962260'		10	10	10	1.4	10	10	5.56 No	1.4 Thermal Discharging
TER071	61	'37962235_/_37962232'		6.67	6.67	6.67	0.936	3.1	6.67	3.71 No	0.936 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over- Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TER071	62	'37962249_/_37962246'		10	10	10	1.4	4.9	10	5.56 No	1.4 Thermal Discharging
TER071	63	'37962221_/_37962218'		10	10	10	1.4	10	10	5.56 No	1.4 Thermal Discharging
TER071	64	'43875685_/_6237571'	3.33		3.33	3.33	0.464	0.5	3.33	1.85 No	0.464 Thermal Discharging
TER071	65	'6237545_/_6237542'	3.33		3.33	3.33	0.464	0.5	3.33	1.85 No	0.464 Thermal Discharging
TER071	66	'391617220_/_391617239_1'		10	10	10	1.4	1.5	10	5.56 No	1.4 Thermal Discharging
TER071	67	'9332717_/_9332714'		10	10	10	1.4	4.9	10	5.56 No	1.4 Thermal Discharging
TER071	68	'37962389_/_7753753'		10	10	10	1.4	10	10	5.56 No	1.4 Thermal Discharging
TER071	69	'405044752_/_37962386'		10	10	10	1.4	10	10	5.56 No	1.4 Thermal Discharging
TER071	70	'37962347_/_37962344'		10	10	10	1.4	4.7	10	5.56 No	1.4 Thermal Discharging
TER071	71	'37962361_/_37962358'		10	10	10	1.4	10	10	5.56 No	1.4 Thermal Discharging
TER071	72	'37962375_/_37962372'		10	10	10	1.4	10	10	5.56 No	1.4 Thermal Discharging
TER071	73	'6234120_/_6240297_1'		10	10	10	1.4	2.4	10	5.56 No	1.4 Thermal Discharging
TER071	74	'55414290_/_55414172_2'		10	10	10	1.4	10	10	5.56 No	1.4 Thermal Discharging
TER071	75	'55414092_/_55414172_1'		10	10	10	1.4	10	10	5.56 No	1.4 Thermal Discharging
TER071	76	'6236586_/_9332870'		10	10	10	1.4	10	10	5.56 No	1.4 Thermal Discharging
TER071	77	'6238055_/_55414094'		10	10	10	1.4	10	10	5.56 No	1.4 Thermal Discharging
TER071	78	'43875696_/_6237584'	3.33		3.33	3.33	0.464	0.5	3.33	1.85 No	0.464 Thermal Discharging
TER071	79	'6236526_/_6236584'		10	10	10	1.4	10	10	5.56 No	1.4 Thermal Discharging
TER071	80	'6234290_/_6238053'		10	10	10	1.4	10	10	5.56 No	1.4 Thermal Discharging
TER071	81	'54598385_/_54598359_1'		10	10	10	1.4	1.5	10	5.56 No	1.4 Thermal Discharging
TER071	82	'6236217_/_6236601'		10	10	10	1.4	10	10	5.56 No	1.4 Thermal Discharging
TER071	83	'51708519_/_6236161'		10	10	10	1.4	10	10	5.56 No	1.4 Thermal Discharging
TER071	84	'6234289_/_43876349_2'	6.67		6.67	6.67	0.936	2.1	6.67	3.71 No	0.936 Thermal Discharging
TER071	85	'74081553_/_51708630_1'		10	10	10	1.4	10	10	5.56 No	1.4 Thermal Discharging
TER071	86	'6234121_/_6234118'		10	10	10	1.4	2.4	10	5.56 No	1.4 Thermal Discharging
TER071	87	'6236218_/_6236215'		10	10	10	1.4	10	10	5.56 No	1.4 Thermal Discharging
TER071	88	'8070310_/_8070307'	6.67		6.67	6.67	0.936	3.1	6.67	3.71 No	0.936 Thermal Discharging
TER071	89	'43875674_/_6237555'	3.33		3.33	3.33	0.464	0.5	3.33	1.85 No	0.464 Thermal Discharging
TER071	90	'6236238_/_6236235'		10	10	10	1.4	10	10	5.56 No	1.4 Thermal Discharging
TER071	91	'6236255_/_6236252'		10	10	10	1.4	10	10	5.56 No	1.4 Thermal Discharging
TER071	92	'74081545_/_51708630_2'		10	10	10	1.4	10	10	5.56 No	1.4 Thermal Discharging
TER071	93	'51708565_/_51708630_3'		10	10	10	1.4	10	10	5.56 No	1.4 Thermal Discharging
TER071	94	'58437251_/_58437271'		10	10	10	1.4	4.7	10	5.56 No	1.4 Thermal Discharging
TER071	95	'6236566_/_6236544'		10	10	10	1.4	3.3	10	5.56 No	1.4 Thermal Discharging
TER071	96	'6203712_/_6236269'		10	10	10	1.4	10	10	5.56 No	1.4 Thermal Discharging
TER071	97	'6237752_/_51708569'		10	10	10	1.4	10	10	5.56 No	1.4 Thermal Discharging
TER071	98	'6203713_/_6203710'		10	10	10	1.4	10	10	5.56 No	1.4 Thermal Discharging
TER071	99	'6237769_/_6237766'		10	10	10	1.4	10	10	5.56 No	1.4 Thermal Discharging
TER071	100	'447315986_/_447315808_2'	3.33		3.33	3.33	0.464	1.7	3.33	1.85 No	0.464 Thermal Discharging
TER071	101	'6237587_/_43875698'	3.33		3.33	3.33	0.464	0.5	3.33	1.85 No	0.464 Thermal Discharging
TER071	102	'54598352_/_54598359_2'		10	10	10	1.4	1.5	10	5.56 No	1.4 Thermal Discharging
TER071	103	'6237786_/_6237800'		10	10	10	1.4	10	10	5.56 No	1.4 Thermal Discharging
TER071	104	'6237820_/_6237817'		10	10	10	1.4	10	10	5.56 No	1.4 Thermal Discharging
TER071	105	'6237785_/_6237783'		10	10	10	1.4	10	10	5.56 No	1.4 Thermal Discharging
TER071	106	'6236954_/_6236951'		10	10	10	1.4	10	10	5.56 No	1.4 Thermal Discharging
TER071	107	'43876586_/_6237851'		10	10	10	1.4	10	10	5.56 No	1.4 Thermal Discharging
TER071	108	'6236679_/_6237834_1'		10	10	10	1.4	10	10	5.56 No	1.4 Thermal Discharging
TER071	109	'6236971_/_6236968'		10	10	10	1.4	10	10	5.56 No	1.4 Thermal Discharging
TER071	110	'43876599_/_6237868'		10	10	10	1.4	10	10	5.56 No	1.4 Thermal Discharging
TER071	111	'43876573_/_6237834_2'		10	10	10	1.4	10	10	5.56 No	1.4 Thermal Discharging
TER071	112	'43876495_/_43876497'		10	10	10	1.4	3.3	10	5.56 No	1.4 Thermal Discharging
TER071	113	'6238218_/_6238215_2'		10	10	10	1.4	3.3	10	5.56 No	1.4 Thermal Discharging
TER071	114	'43875582_/_6236312'		10	10	10	1.4	2.4	10	5.56 No	1.4 Thermal Discharging
TER071	115	'6236988_/_6236985'		10	10	10	1.4	10	10	5.56 No	1.4 Thermal Discharging
TER071	116	'6236200_/_43876575'		10	10	10	1.4	10	10	5.56 No	1.4 Thermal Discharging
TER071	117	'6237650_/_6237888'		10	10	10	1.4	10	10	5.56 No	1.4 Thermal Discharging
TER071	118	'6238385_/_6238504'		10	10	10	1.4	10	10	5.56 No	1.4 Thermal Discharging
TER071	119	'43875743_/_6236198'		10	10	10	1.4	10	10	5.56 No	1.4 Thermal Discharging
TER071	120	'386231031_/_6238558_1'	3.33		3.33	3.33	0.464	0.8	3.33	1.85 No	0.464 Thermal Discharging
TER071	121	'6237649_/_6237647'		10	10	10	1.4	10	10	5.56 No	1.4 Thermal Discharging
TER071	122	'9645754_/_9645751'		10	10	10	1.4	4.9	10	5.56 No	1.4 Thermal Discharging
TER071	123	'67815323_/_6238538_2'		10	10	10	1.4	10	10	5.56 No	1.4 Thermal Discharging
TER071	124	'6238524_/_6238521'		10	10	10	1.4	10	10	5.56 No	1.4 Thermal Discharging
TER071	125	'6203883_/_6203880'		10	10	10	1.4	10	10	5.56 No	1.4 Thermal Discharging
TER071	126	'6238398_/_6238558_2'	3.33		3.33	3.33	0.464	0.8	3.33	1.85 No	0.464 Thermal Discharging
TER071	127	'402842528_/_6238435'	3.33		3.33	3.33	0.464	0.8	3.33	1.85 No	0.464 Thermal Discharging
TER071	128	'43876416_/_43876418'		10	10	10	1.4	10	10	5.56 No	1.4 Thermal Discharging
TER071	129	'6238089_/_6238175'		10	10	10	1.4	10	10	5.56 No	1.4 Thermal Discharging
TER071	130	'6239131_/_6239166'		10	10	10	1.4	10	10	5.56 No	1.4 Thermal Discharging
TER071	131	'6237558_/_43875676'	3.33		3.33	3.33	0.464	0.5	3.33	1.85 No	0.464 Thermal Discharging
TER071	132	'43876067_/_6241681'		10	10	10	1.4	10	10	5.56 No	1.4 Thermal Discharging
TER071	133	'6238399_/_6238461_3'	3.33		3.33	3.33	0.464	0.8	3.33	1.85 No	0.464 Thermal Discharging
TER071	134	'6238090_/_6238087'		10	10	10	1.4	10	10	5.56 No	1.4 Thermal Discharging
TER071	135	'6237005_/_6239129'		10	10	10	1.4	10	10	5.56 No	1.4 Thermal Discharging
TER071	136	'6238107_/_6238104'		10	10	10	1.4	10	10	5.56 No	1.4 Thermal Discharging
TER071	137	'6233011_/_6236829'	3.33		3.33	3.33	0.464	0.8	3.33	1.85 No	0.464 Thermal Discharging
TER071	138	'402842622_/_6239049'	3.33		3.33	3.33	0.464	0.8	3.33	1.85 No	0.464 Thermal Discharging
TER071	139	'6241600_/_6241664'		10	10	10	1.4	10	10	5.56 No	1.4 Thermal Discharging
TER071	140	'43876347_/_43876349_1'	6.67		6.67	6.67	0.936	1	6.67	3.71 No	0.936 Thermal Discharging
TER071	141	'6232998_/_402842630'	3.33		3.33	3.33	0.464	0.8	3.33	1.85 No	0.464 Thermal Discharging
TER071	142	'6236383_/_6238215_1'		10	10	10	1.4	1.5	10	5.56 No	1.4 Thermal Discharging
TER071	143	'43875707_/_6237600'	3.33		3.33	3.33	0.464	0.5	3.33	1.85 No	0.464 Thermal Discharging
TER071	144	'6239078_/_6239075'		10	10	10	1.4	10	10	5.56 No	1.4 Thermal Discharging
TER071	145	'6238412_/_6238461_2'	3.33		3.33	3.33	0.464	0.3	3.33	1.85 No	0.3 Element Fault
TER071	146	'6238124_/_6238121'		10	10	10	1.4	10	10	5.56 No	1.4 Thermal Discharging
TER071	147	'67815384_/_6241752_2'	3.33		3.33	3.33	0.464	1	3.33	1.85 No	0.464 Thermal Discharging
TER071	148	'7421061_/_7421059_1'		10	10	10	1.4	1.5	10	5.56 No	1.4 Thermal Discharging
TER071	149	'6241584_/_6241597'		10	10	10	1.4	10	10	5.56 No	1.4 Thermal Discharging
TER071	150	'58437223_/_58437230'		10	10	10	1.4	1.5	10	5.56 No	1.4 Thermal Discharging
TER071	151	'6239095_/_6239092'		10	10	10	1.4	10	10	5.56 No	1.4 Thermal Discharging
TER071	152	'6233012_/_6239062_3'	3.33		3.33	3.33	0.464	0.8	3.33	1.85 No	0.464 Thermal Discharging
TER071	153	'447315778_/_447315808_1'	3.33		3.33	3.33	0.464	0.5	3.33	1.85 No	0.464 Thermal Discharging
TER071	154	'6238141_/_6238138'		10	10	10	1.4	10	10	5.56 No	1.4 Thermal Discharging
TER071	155	'7421102_/_8699434_1'		10	10	10	1.4	1.5	10	5.56 No	1.4 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over- Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TER071	156	'437306639_/6236400_1'	3.33	3.33	3.33	0.464	0.3	3.33	1.85 No	0.3	Element Fault
TER071	157	'69412143_/58437258_1'	10	10	10	1.4	4.7	10	5.56 No	1.4	Thermal Discharging
TER071	158	'6204202_/6241634'	10	10	10	1.4	10	10	5.56 No	1.4	Thermal Discharging
TER071	159	'6237042_/6239112'	10	10	10	1.4	10	10	5.56 No	1.4	Thermal Discharging
TER071	160	'6238691_/6238688'	10	10	10	1.4	10	10	5.56 No	1.4	Thermal Discharging
TER071	161	'6233028_/6239062_2'	3.33	3.33	3.33	0.464	0.3	3.33	1.85 No	0.3	Element Fault
TER071	162	'6237057_/6238571_2'	6.67	6.67	6.67	0.936	3.1	6.67	3.71 No	0.936	Thermal Discharging
TER071	163	'6204185_/6204199'	10	10	10	1.4	10	10	5.56 No	1.4	Thermal Discharging
TER071	164	'6237024_/6237022_1'	6.67	6.67	6.67	0.936	1	6.67	3.71 No	0.936	Thermal Discharging
TER071	165	'6236915_/6239149'	10	10	10	1.4	10	10	5.56 No	1.4	Thermal Discharging
TER071	166	'7421062_/7421059_2'	10	10	10	1.4	1.5	10	5.56 No	1.4	Thermal Discharging
TER071	167	'6238708_/6238705'	10	10	10	1.4	10	10	5.56 No	1.4	Thermal Discharging
TER071	168	'6203945_/6204182'	10	10	10	1.4	10	10	5.56 No	1.4	Thermal Discharging
TER071	169	'43876732_/6238461_1'	3.33	3.33	3.33	0.464	0.3	3.33	1.85 No	0.3	Element Fault
TER071	170	'6233205_/6233203'	3.33	3.33	3.33	0.464	0.3	3.33	1.85 No	0.3	Element Fault
TER071	171	'6200781_/7106688'	10	10	10	1.4	10	10	5.56 No	1.4	Thermal Discharging
TER071	172	'6238605_/6238722'	10	10	10	1.4	10	10	5.56 No	1.4	Thermal Discharging
TER071	173	'6203944_/43876383_2'	3.33	3.33	3.33	0.464	1	3.33	1.85 No	0.464	Thermal Discharging
TER071	174	'414482978_/6238487_2'	10	10	10	1.4	4.6	10	5.56 No	1.4	Thermal Discharging
TER071	175	'6204151_/6204165'	10	10	10	1.4	10	10	5.56 No	1.4	Thermal Discharging
TER071	176	'43876743_/43876745'	10	10	10	1.4	10	10	5.56 No	1.4	Thermal Discharging
TER071	177	'6203960_/6203958_2'	3.33	3.33	3.33	0.464	1.1	3.33	1.85 No	0.464	Thermal Discharging
TER071	178	'6238622_/6238620_2'	10	10	10	1.4	10	10	5.56 No	1.4	Thermal Discharging
TER071	179	'6235785_/6236380'	10	10	10	1.4	1.5	10	5.56 No	1.4	Thermal Discharging
TER071	180	'6204134_/6204148'	10	10	10	1.4	10	10	5.56 No	1.4	Thermal Discharging
TER071	181	'6236935_/6237022_2'	6.67	6.67	6.67	0.936	1	6.67	3.71 No	0.936	Thermal Discharging
TER071	182	'6241571_/6241581_2'	3.33	3.33	3.33	0.464	1.1	3.33	1.85 No	0.464	Thermal Discharging
TER071	183	'6200708_/6200779'	10	10	10	1.4	10	10	5.56 No	1.4	Thermal Discharging
TER071	184	'6234470_/6234480'	3.33	3.33	3.33	0.464	0.3	3.33	1.85 No	0.3	Element Fault
TER071	185	'6236332_/43875584'	8	10	10	1.4	2.4	10	5.56 No	1.4	Thermal Discharging
TER071	186	'6238370_/6238571_1'	6.67	6.67	6.67	0.936	1	6.67	3.71 No	0.936	Thermal Discharging
TER071	187	'6204013_/6204131'	10	10	10	1.4	10	10	5.56 No	1.4	Thermal Discharging
TER071	188	'43875617_/6236400_2'	3.33	3.33	3.33	0.464	0.3	3.33	1.85 No	0.3	Element Fault
TER071	189	'6238588_/6238586_1'	10	10	10	1.4	1.5	10	5.56 No	1.4	Thermal Discharging
TER071	190	'8699437_/8699434_2'	10	10	10	1.4	1.5	10	5.56 No	1.4	Thermal Discharging
TER071	191	'6241570_/6241581_1'	3.33	3.33	3.33	0.464	0.5	3.33	1.85 No	0.464	Thermal Discharging
TER071	192	'6234457_/6234467_2'	3.33	3.33	3.33	0.464	0.3	3.33	1.85 No	0.3	Element Fault
TER071	193	'6204025_/6204036_2'	3.33	3.33	3.33	0.464	1.1	3.33	1.85 No	0.464	Thermal Discharging
TER071	194	'6236844_/6236933'	6.67	6.67	6.67	0.936	1	6.67	3.71 No	0.936	Thermal Discharging
TER071	195	'6233040_/6239062_1'	3.33	3.33	3.33	0.464	0.3	3.33	1.85 No	0.3	Element Fault
TER071	196	'6200730_/6200796'	10	10	10	1.4	10	10	5.56 No	1.4	Thermal Discharging
TER071	197	'6238005_/6238002'	6.67	6.67	6.67	0.936	1	6.67	3.71 No	0.936	Thermal Discharging
TER071	198	'6204012_/43876035_2'	3.33	3.33	3.33	0.464	1.1	3.33	1.85 No	0.464	Thermal Discharging
TER071	199	'43875811_/6234467_1'	3.33	3.33	3.33	0.464	0.3	3.33	1.85 No	0.3	Element Fault
TER071	200	'6203849_/6204114'	10	10	10	1.4	10	10	5.56 No	1.4	Thermal Discharging
TER071	201	'319471240_/319471259'	10	10	10	1.4	1.5	10	5.56 No	1.4	Thermal Discharging
TER071	202	'49233822_/8697660_1'	10	10	10	1.4	1.4	10	5.56 No	1.4	Element Fault
TER071	203	'6237603_/43875709'	3.33	3.33	3.33	0.464	0.5	3.33	1.85 No	0.464	Thermal Discharging
TER071	204	'6203832_/6203846'	10	10	10	1.4	10	10	5.56 No	1.4	Thermal Discharging
TER071	205	'43867779_/6200728'	10	10	10	1.4	10	10	5.56 No	1.4	Thermal Discharging
TER071	206	'6200731_/6200745_1'	10	10	10	1.4	10	10	5.56 No	1.4	Thermal Discharging
TER071	207	'6203815_/6203829'	10	10	10	1.4	10	10	5.56 No	1.4	Thermal Discharging
TER071	208	'6234444_/6234454'	3.33	3.33	3.33	0.464	0.3	3.33	1.85 No	0.3	Element Fault
TER071	209	'6203961_/6203958_1'	3.33	3.33	3.33	0.464	0.5	3.33	1.85 No	0.464	Thermal Discharging
TER071	210	'6204039_/6204036_1'	3.33	3.33	3.33	0.464	0.5	3.33	1.85 No	0.464	Thermal Discharging
TER071	211	'6200748_/6200745_2'	10	10	10	1.4	10	10	5.56 No	1.4	Thermal Discharging
TER071	212	'6235638_/6235636_2'	3.33	3.33	3.33	0.464	1.1	3.33	1.85 No	0.464	Thermal Discharging
TER071	213	'6204000_/6203997_2'	3.33	3.33	3.33	0.464	1.1	3.33	1.85 No	0.464	Thermal Discharging
TER071	214	'43876721_/6236842'	6.67	6.67	6.67	0.936	1	6.67	3.71 No	0.936	Thermal Discharging
TER071	215	'6203798_/6203812'	10	10	10	1.4	10	10	5.56 No	1.4	Thermal Discharging
TER071	216	'6200601_/6200813'	10	10	10	1.4	10	10	5.56 No	1.4	Thermal Discharging
TER071	217	'8697663_/8697660_2'	10	10	10	1.4	1.4	10	5.56 No	1.4	Element Fault
TER071	218	'6200600_/6200630_2'	10	10	10	1.4	3.5	10	5.56 No	1.4	Thermal Discharging
TER071	219	'6234431_/6234441'	3.33	3.33	3.33	0.464	0.3	3.33	1.85 No	0.3	Element Fault
TER071	220	'6236803_/6238448'	3.33	3.33	3.33	0.464	0.3	3.33	1.85 No	0.3	Element Fault
TER071	221	'6203797_/6203795'	10	10	10	1.4	10	10	5.56 No	1.4	Thermal Discharging
TER071	222	'6200707_/43868179'	10	10	10	1.4	4.6	10	5.56 No	1.4	Thermal Discharging
TER071	223	'8074071_/9330770_2'	6.67	6.67	6.67	0.936	2.9	6.67	3.71 No	0.936	Thermal Discharging
TER071	224	'6232999_/6232996_1'	3.33	3.33	3.33	0.464	0.3	3.33	1.85 No	0.3	Element Fault
TER071	225	'6203781_/6203863'	10	10	10	1.4	10	10	5.56 No	1.4	Thermal Discharging
TER071	226	'43876456_/43876458'	7.4	10	10	1.4	1.5	10	5.56 No	1.4	Thermal Discharging
TER071	227	'43876113_/6235636_1'	3.33	3.33	3.33	0.464	0.5	3.33	1.85 No	0.464	Thermal Discharging
TER071	228	'6200563_/6200830'	10	10	10	1.4	10	10	5.56 No	1.4	Thermal Discharging
TER071	229	'6234418_/6234428'	3.33	3.33	3.33	0.464	0.3	3.33	1.85 No	0.3	Element Fault
TER071	230	'43876683_/6238487_1'	10	10	10	1.4	1.5	10	5.56 No	1.4	Thermal Discharging
TER071	231	'6200564_/6200541_1'	10	10	10	1.4	2.6	10	5.56 No	1.4	Thermal Discharging
TER071	232	'43876381_/43876383_1'	3.33	3.33	3.33	0.464	0.5	3.33	1.85 No	0.464	Thermal Discharging
TER071	233	'43876022_/6241651'	3.33	3.33	3.33	0.464	0.5	3.33	1.85 No	0.464	Thermal Discharging
TER071	234	'6236738_/6238368'	6.67	6.67	6.67	0.936	1	6.67	3.71 No	0.936	Thermal Discharging
TER071	235	'43876033_/43876035_1'	3.33	3.33	3.33	0.464	0.5	3.33	1.85 No	0.464	Thermal Discharging
TER071	236	'6203764_/6203778'	10	10	10	1.4	10	10	5.56 No	1.4	Thermal Discharging
TER071	237	'6235200_/6236096_2'	3.33	3.33	3.33	0.464	1.1	3.33	1.85 No	0.464	Thermal Discharging
TER071	238	'6200850_/6200847'	10	10	10	1.4	10	10	5.56 No	1.4	Thermal Discharging
TER071	239	'6236757_/43876699'	10	10	10	1.4	1.5	10	5.56 No	1.4	Thermal Discharging
TER071	240	'6233054_/6232996_2'	3.33	3.33	3.33	0.464	0.3	3.33	1.85 No	0.3	Element Fault
TER071	241	'43875800_/43875802'	3.33	3.33	3.33	0.464	0.3	3.33	1.85 No	0.3	Element Fault
TER071	242	'6238424_/6238474'	3.33	3.33	3.33	0.464	0.3	3.33	1.85 No	0.3	Element Fault
TER071	243	'6203747_/6203761'	10	10	10	1.4	10	10	5.56 No	1.4	Thermal Discharging
TER071	244	'6236636_/6236634_1'	3.33	3.33	3.33	0.464	0.5	3.33	1.85 No	0.464	Thermal Discharging
TER071	245	'6203974_/6203971_1'	3.33	3.33	3.33	0.464	0.5	3.33	1.85 No	0.464	Thermal Discharging
TER071	246	'6204103_/6236070_2'	3.33	3.33	3.33	0.464	0.5	3.33	1.85 No	0.464	Thermal Discharging
TER071	247	'6237090_/6238586_2'	10	10	10	1.4	1.5	10	5.56 No	1.4	Thermal Discharging
TER071	248	'6233041_/6233038'	3.33	3.33	3.33	0.464	0.3	3.33	1.85 No	0.3	Element Fault
TER071	249	'6200764_/6200864'	10	10	10	1.4	10	10	5.56 No	1.4	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Over-Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TER071	250	'43875789_/43875791'		3.33	3.33	3.33	0.464	0.3	3.33	1.85 No	0.3 Element Fault
TER071	251	'6237950_/6238017'		6.67	6.67	6.67	0.936	1	6.67	3.71 No	0.936 Thermal Discharging
TER071	252	'55843709_/6237088_1'		3.33	3.33	3.33	0.464	0.3	3.33	1.85 No	0.3 Element Fault
TER071	253	'6203746_/6203744'		10	10	10	1.4	10	10	5.56 No	1.4 Thermal Discharging
TER071	254	'43875978_/6203971_2'		3.33	3.33	3.33	0.464	0.5	3.33	1.85 No	0.464 Thermal Discharging
TER071	255	'6236739_/6236736'		6.67	6.67	6.67	0.936	1	6.67	3.71 No	0.936 Thermal Discharging
TER071	256	'6203999_/6203997_1'		3.33	3.33	3.33	0.464	0.5	3.33	1.85 No	0.464 Thermal Discharging
TER071	257	'43868323_/6200762'		10	10	10	1.4	10	10	5.56 No	1.4 Thermal Discharging
TER071	258	'43875778_/43875780'		3.33	3.33	3.33	0.464	0.3	3.33	1.85 No	0.3 Element Fault
TER071	259	'6234913_/6234910_2'		6.67	6.67	6.67	0.936	2.3	6.67	3.71 No	0.936 Thermal Discharging
TER071	260	'6203730_/6238070'		10	10	10	1.4	10	10	5.56 No	1.4 Thermal Discharging
TER071	261	'6199124_/6200541_2'		10	10	10	1.4	2.6	10	5.56 No	1.4 Thermal Discharging
TER071	262	'6203729_/6203727_2'		10	10	10	1.4	10	10	5.56 No	1.4 Thermal Discharging
TER071	263	'6235667_/6235665_1'		3.33	3.33	3.33	0.464	0.5	3.33	1.85 No	0.464 Thermal Discharging
TER071	264	'6200080_/6200630_1'		10	10	10	1.4	1.5	10	5.56 No	1.4 Thermal Discharging
TER071	265	'6234366_/6234376'		3.33	3.33	3.33	0.464	0.3	3.33	1.85 No	0.3 Element Fault
TER071	266	'6234251_/43875619'		2.13	3.33	3.33	0.464	0.3	3.33	1.85 No	0.3 Element Fault
TER071	267	'43876767_/6237196'		10	10	10	1.4	1.5	10	5.56 No	1.4 Thermal Discharging
TER071	268	'6200653_/43868325'		10	10	10	1.4	10	10	5.56 No	1.4 Thermal Discharging
TER071	269	'6237199_/8389454_2'		10	10	10	1.4	1.5	10	5.56 No	1.4 Thermal Discharging
TER071	270	'6237091_/6237088_2'		3.33	3.33	3.33	0.464	0.3	3.33	1.85 No	0.3 Element Fault
TER071	271	'43876312_/6236470'		5.3	10	10	1.4	2.4	10	5.56 No	1.4 Thermal Discharging
TER071	272	'43877194_/6236634_2'		3.33	3.33	3.33	0.464	0.5	3.33	1.85 No	0.464 Thermal Discharging
TER071	273	'6204051_/6234925'		3.33	3.33	3.33	0.464	0.5	3.33	1.85 No	0.464 Thermal Discharging
TER071	274	'6234350_/6234363'		3.33	3.33	3.33	0.464	0.3	3.33	1.85 No	0.3 Element Fault
TER071	275	'6200654_/6200651'		10	10	10	1.4	10	10	5.56 No	1.4 Thermal Discharging
TER071	276	'6236086_/6236096_1'		3.33	3.33	3.33	0.464	0.5	3.33	1.85 No	0.464 Thermal Discharging
TER071	277	'70748898_/70748810_1'		3.33	3.33	3.33	0.464	0.1	3.33	1.85 No	0.1 Element Fault
TER071	278	'8389457_/8389454_1'		10	10	10	1.4	0.9	10	5.56 No	0.9 Element Fault
TER071	279	'6200108_/6200671'		10	10	10	1.4	10	10	5.56 No	1.4 Thermal Discharging
TER071	280	'6204065_/6236299'		3.33	3.33	3.33	0.464	0.5	3.33	1.85 No	0.464 Thermal Discharging
TER071	281	'43876469_/43876471'		5.6	10	10	1.4	1.5	10	5.56 No	1.4 Thermal Discharging
TER071	282	'6234349_/6234347'		3.33	3.33	3.33	0.464	0.3	3.33	1.85 No	0.3 Element Fault
TER071	283	'387023736_/6200106'		10	10	10	1.4	10	10	5.56 No	1.4 Thermal Discharging
TER071	284	'6235097_/6235094'		3.33	3.33	3.33	0.464	0.5	3.33	1.85 No	0.464 Thermal Discharging
TER071	285	'387024038_/387024035'		10	10	10	1.4	10	10	5.56 No	1.4 Thermal Discharging
TER071	286	'43876190_/6235665_2'		3.33	3.33	3.33	0.464	0.5	3.33	1.85 No	0.464 Thermal Discharging
TER071	287	'6234658_/6236070_1'		3.33	3.33	3.33	0.464	0.5	3.33	1.85 No	0.464 Thermal Discharging
TER071	288	'43875855_/6233064'		3.33	3.33	3.33	0.464	0.3	3.33	1.85 No	0.3 Element Fault
TER071	289	'387024058_/387024055'		10	10	10	1.4	10	10	5.56 No	1.4 Thermal Discharging
TER071	290	'43876710_/6236800'		3.33	3.33	3.33	0.464	0.3	3.33	1.85 No	0.3 Element Fault
TER071	291	'387024078_/387024075'		10	10	10	1.4	10	10	5.56 No	1.4 Thermal Discharging
TER071	292	'393099736_/387024442_1'		6.67	6.67	6.67	0.936	0.6	6.67	3.71 No	0.6 Element Fault
TER071	293	'387024118_/387024095'		10	10	10	1.4	10	10	5.56 No	1.4 Thermal Discharging
TER071	294	'43876044_/43876046'		3.33	3.33	3.33	0.464	0.5	3.33	1.85 No	0.464 Thermal Discharging
TER071	295	'87805463_/87805465'		10	10	10	1.4	2.6	10	5.56 No	1.4 Thermal Discharging
TER071	296	'6234898_/6234910_1'		6.67	6.67	6.67	0.936	1	6.67	3.71 No	0.936 Thermal Discharging
TER071	297	'387024138_/387024135'		10	10	10	1.4	10	10	5.56 No	1.4 Thermal Discharging
TER071	298	'43875718_/6237948'		4.4	6.67	6.67	0.936	1	6.67	3.71 No	0.936 Thermal Discharging
TER071	299	'6204218_/43876723'		3.33	3.33	3.33	0.464	0.5	3.33	1.85 No	0.464 Thermal Discharging
TER071	300	'6237104_/6237101'		3.33	3.33	3.33	0.464	0.3	3.33	1.85 No	0.3 Element Fault
TER071	301	'391706860_/391706823_1'		10	10	10	1.4	0.9	10	5.56 No	0.9 Element Fault
TER071	302	'8074072_/9330770_1'		6.67	6.67	6.67	0.936	1	6.67	3.71 No	0.936 Thermal Discharging
TER071	303	'70748799_/70748810_2'		3.33	3.33	3.33	0.464	0.1	3.33	1.85 No	0.1 Element Fault
TER071	304	'6237182_/6237179'		6.8	10	10	1.4	1.5	10	5.56 No	1.4 Thermal Discharging
TER071	305	'52305237_/52305239'		5.2	10	10	1.4	1.5	10	5.56 No	1.4 Thermal Discharging
TER071	306	'6235213_/6236621'		3.33	3.33	3.33	0.464	0.5	3.33	1.85 No	0.464 Thermal Discharging
TER071	307	'6236815_/6238422'		2.73	3.33	3.33	0.464	0.3	3.33	1.85 No	0.3 Element Fault
TER071	308	'43876359_/6233574'		3.33	3.33	3.33	0.464	0.3	3.33	1.85 No	0.3 Element Fault
TER071	309	'6234671_/6234681'		3.33	3.33	3.33	0.464	0.5	3.33	1.85 No	0.464 Thermal Discharging
TER071	310	'387025086_/387024155'		10	10	10	1.4	10	10	5.56 No	1.4 Thermal Discharging
TER071	311	'43868264_/6200078'		10	10	10	1.4	1.5	10	5.56 No	1.4 Thermal Discharging
TER071	312	'52305331_/52305308_1'		5.1	10	10	1.4	0.9	10	5.56 No	0.9 Element Fault
TER071	313	'391706804_/391706823_2'		10	10	10	1.4	0.9	10	5.56 No	0.9 Element Fault
TER071	314	'6199569_/387025088'		10	10	10	1.4	10	10	5.56 No	1.4 Thermal Discharging
TER071	315	'6233053_/6233051'		3.33	3.33	3.33	0.464	0.3	3.33	1.85 No	0.3 Element Fault
TER071	316	'6199326_/387024442_2'		6.67	6.67	6.67	0.936	0.6	6.67	3.71 No	0.6 Element Fault
TER071	317	'43876892_/43876894'		3.33	3.33	3.33	0.464	0.5	3.33	1.85 No	0.464 Thermal Discharging
TER071	318	'6235846_/43876314'		4.5	10	10	1.4	2.4	10	5.56 No	1.4 Thermal Discharging
TER071	319	'6203987_/43875980'		3.33	3.33	3.33	0.464	0.5	3.33	1.85 No	0.464 Thermal Discharging
TER071	320	'212031193_/43868266'		10	10	10	1.4	1.5	10	5.56 No	1.4 Thermal Discharging
TER071	321	'6199820_/387024227'		10	10	10	1.4	10	10	5.56 No	1.4 Thermal Discharging
TER071	322	'6200282_/6200279'		10	10	10	1.4	10	10	5.56 No	1.4 Thermal Discharging
TER071	323	'9330790_/9643899'		10	10	10	1.4	1.4	10	5.56 No	1.4 Element Fault
TER071	324	'52305301_/52305308_2'		5.1	10	10	1.4	0.9	10	5.56 No	0.9 Element Fault
TER071	325	'6200142_/6200336'		10	10	10	1.4	10	10	5.56 No	1.4 Thermal Discharging
TER071	326	'6204052_/6204049'		3.33	3.33	3.33	0.464	0.5	3.33	1.85 No	0.464 Thermal Discharging
TER071	327	'6199551_/6199549_1'		6.67	6.67	6.67	0.936	1	6.67	3.71 No	0.936 Thermal Discharging
TER071	328	'43868012_/6200299'		10	10	10	1.4	10	10	5.56 No	1.4 Thermal Discharging
TER071	329	'387024985_/6200160'		10	10	10	1.4	10	10	5.56 No	1.4 Thermal Discharging
TER071	330	'6234264_/6234261'		1.67	3.33	3.33	0.464	0.3	3.33	1.85 No	0.3 Element Fault
TER071	331	'6235847_/6235844'		4.3	10	10	1.4	2.4	10	5.56 No	1.4 Thermal Discharging
TER071	332	'6201633_/6201630'		10	10	10	1.4	10	10	5.56 No	1.4 Thermal Discharging
TER071	333	'6199607_/212031195'		10	10	10	1.4	1.5	10	5.56 No	1.4 Thermal Discharging
TER071	334	'6204064_/6204062'		1.93	3.33	3.33	0.464	0.5	3.33	1.85 No	0.464 Thermal Discharging
TER071	335	'6234726_/6234869'		3.33	3.33	3.33	0.464	0.5	3.33	1.85 No	0.464 Thermal Discharging
TER071	336	'38632377_/7751703_1'		10	10	10	1.4	1.5	10	5.56 No	1.4 Thermal Discharging
TER071	337	'6237316_/6237313'		5.6	10	10	1.4	1.5	10	5.56 No	1.4 Thermal Discharging
TER071	338	'6200995_/6201647'		10	10	10	1.4	10	10	5.56 No	1.4 Thermal Discharging
TER071	339	'6235123_/6235120'		3.33	3.33	3.33	0.464	0.5	3.33	1.85 No	0.464 Thermal Discharging
TER071	340	'7753599_/7753597_2'		5.5	10	10	1.4	1.5	10	5.56 No	1.4 Thermal Discharging
TER071	341	'6235214_/6235211'		3.33	3.33	3.33	0.464	0.5	3.33	1.85 No	0.464 Thermal Discharging
TER071	342	'7438907_/8074147_1'		10	10	10	1.4	1.5	10	5.56 No	1.4 Thermal Discharging
TER071	343	'6234642_/6234655'		3.23	3.33	3.33	0.464	0.5	3.33	1.85 No	0.464 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TER071	344	'69412213_/_44076461'	4.1	10	10	1.4	2.4	10	5.56	No	1.4 Thermal Discharging
TER071	345	'6236816_/_6236813'	2.07	3.33	3.33	0.464	0.3	3.33	1.85	No	0.3 Element Fault
TER071	346	'6235349_/_6235346'	3.33	3.33	3.33	0.464	0.5	3.33	1.85	No	0.464 Thermal Discharging
TER071	347	'43876482_/_43876484'	4.5	10	10	1.4	1.5	10	5.56	No	1.4 Thermal Discharging
TER071	348	'6240392_/_43875857'	2.23	3.33	3.33	0.464	0.3	3.33	1.85	No	0.3 Element Fault
TER071	349	'7751706_/_7751703_2'	10	10	10	1.4	1.5	10	5.56	No	1.4 Thermal Discharging
TER071	350	'6199325_/_43867794'	6.67	6.67	6.67	0.936	0.6	6.67	3.71	No	0.6 Element Fault
TER071	351	'43876055_/_43876057'	6.67	6.67	6.67	0.936	1	6.67	3.71	No	0.936 Thermal Discharging
TER071	352	'43875767_/_43875769'	3.33	3.33	3.33	0.464	0.3	3.33	1.85	No	0.3 Element Fault
TER071	353	'6236510_/_6236507'	4	10	10	1.4	2.4	10	5.56	No	1.4 Thermal Discharging
TER071	354	'43876256_/_6204216'	2.6	3.33	3.33	0.464	0.5	3.33	1.85	No	0.464 Thermal Discharging
TER071	355	'43876835_/_6237114'	2.43	3.33	3.33	0.464	0.3	3.33	1.85	No	0.3 Element Fault
TER071	356	'6199090_/_6199104'	10	10	10	1.4	2.6	10	5.56	No	1.4 Thermal Discharging
TER071	357	'6199716_/_6200992'	10	10	10	1.4	7.8	10	5.56	No	1.4 Thermal Discharging
TER071	358	'43868071_/_6199605'	7.9	10	10	1.4	1.5	10	5.56	No	1.4 Thermal Discharging
TER071	359	'49249916_/_6200915_2'	10	10	10	1.4	7.8	10	5.56	No	1.4 Thermal Discharging
TER071	360	'6234670_/_6234668'	2.53	3.33	3.33	0.464	0.5	3.33	1.85	No	0.464 Thermal Discharging
TER071	361	'49249921_/_6199694_2'	10	10	10	1.4	3.8	10	5.56	No	1.4 Thermal Discharging
TER071	362	'6233577_/_43876361'	2.03	3.33	3.33	0.464	0.3	3.33	1.85	No	0.3 Element Fault
TER071	363	'43867968_/_6199549_2'	6.67	6.67	6.67	0.936	1	6.67	3.71	No	0.936 Thermal Discharging
TER071	364	'8074150_/_8074147_2'	10	10	10	1.4	1.5	10	5.56	No	1.4 Thermal Discharging
TER071	365	'6236777_/_6236787'	1.87	3.33	3.33	0.464	0.3	3.33	1.85	No	0.3 Element Fault
TER071	366	'6234794_/_6234791'	2.47	3.33	3.33	0.464	0.5	3.33	1.85	No	0.464 Thermal Discharging
TER071	367	'43876080_/_6234938'	2.47	3.33	3.33	0.464	0.5	3.33	1.85	No	0.464 Thermal Discharging
TER071	368	'8387791_/_8387788'	10	10	10	1.4	1.5	10	5.56	No	1.4 Thermal Discharging
TER071	369	'43868212_/_6200915_1'	10	10	10	1.4	7.7	10	5.56	No	1.4 Thermal Discharging
TER071	370	'6238822_/_6238819'	3.33	6.67	6.67	0.936	1	6.67	3.71	No	0.936 Thermal Discharging
TER071	371	'43875606_/_6234274'	1.47	3.33	3.33	0.464	0.3	3.33	1.85	No	0.3 Element Fault
TER071	372	'43876301_/_546178937'	3.8	10	10	1.4	2.4	10	5.56	No	1.4 Thermal Discharging
TER071	373	'6235227_/_6235224'	2.63	3.33	3.33	0.464	0.5	3.33	1.85	No	0.464 Thermal Discharging
TER071	374	'6236112_/_6236122'	2.57	3.33	3.33	0.464	0.5	3.33	1.85	No	0.464 Thermal Discharging
TER071	375	'433039809_/_43868073'	6.4	10	10	1.4	1.5	10	5.56	No	1.4 Thermal Discharging
TER071	376	'6235818_/_43875540_2'	1.3	3.33	3.33	0.464	0.8	3.33	1.85	No	0.464 Thermal Discharging
TER071	377	'43875844_/_43875846'	1.87	3.33	3.33	0.464	0.3	3.33	1.85	No	0.3 Element Fault
TER071	378	'6237231_/_6237333'	1.9	3.33	3.33	0.464	0.5	3.33	1.85	No	0.464 Thermal Discharging
TER071	379	'6234710_/_6234723'	2.53	3.33	3.33	0.464	0.5	3.33	1.85	No	0.464 Thermal Discharging
TER071	380	'6235362_/_6235359'	3.33	3.33	3.33	0.464	0.5	3.33	1.85	No	0.464 Thermal Discharging
TER071	381	'111417434_/_111417432'	1.57	3.33	3.33	0.464	0.5	3.33	1.85	No	0.464 Thermal Discharging
TER071	382	'6200900_/_6200898'	10	10	10	1.4	7.7	10	5.56	No	1.4 Thermal Discharging
TER071	383	'6233079_/_6240402'	1.8	3.33	3.33	0.464	0.3	3.33	1.85	No	0.3 Element Fault
TER071	384	'6199662_/_6199694_1'	10	10	10	1.4	1.6	10	5.56	No	1.4 Thermal Discharging
TER071	385	'9330791_/_9330788'	5.5	10	10	1.4	1.4	10	5.56	No	1.4 Element Fault
TER071	386	'43875944_/_6234639'	2.07	3.33	3.33	0.464	0.5	3.33	1.85	No	0.464 Thermal Discharging
TER071	387	'6238837_/_6238834'	3.13	6.67	6.67	0.936	1	6.67	3.71	No	0.936 Thermal Discharging
TER071	388	'7751646_/_7751663'	10	10	10	1.4	1.6	10	5.56	No	1.4 Thermal Discharging
TER071	389	'6234755_/_6234773'	4.47	6.67	6.67	0.936	1	6.67	3.71	No	0.936 Thermal Discharging
TER071	390	'43868225_/_43868227'	10	10	10	1.4	7.7	10	5.56	No	1.4 Thermal Discharging
TER071	391	'43876135_/_6235717'	2.3	3.33	3.33	0.464	0.5	3.33	1.85	No	0.464 Thermal Discharging
TER071	392	'6199070_/_6199087'	6.2	10	10	1.4	2.6	10	5.56	No	1.4 Thermal Discharging
TER071	393	'6234954_/_6234951'	1.97	3.33	3.33	0.464	0.5	3.33	1.85	No	0.464 Thermal Discharging
TER071	394	'6235991_/_6235989'	1.93	3.33	3.33	0.464	0.5	3.33	1.85	No	0.464 Thermal Discharging
TER071	395	'43876780_/_62377229'	1.8	3.33	3.33	0.464	0.5	3.33	1.85	No	0.464 Thermal Discharging
TER071	396	'6237129_/_43876837'	1.87	3.33	3.33	0.464	0.3	3.33	1.85	No	0.3 Element Fault
TER071	397	'6235527_/_43876258'	1.87	3.33	3.33	0.464	0.5	3.33	1.85	No	0.464 Thermal Discharging
TER071	398	'43868060_/_433039811'	1.83	3.33	3.33	0.464	0.5	3.33	1.85	No	0.464 Thermal Discharging
TER071	399	'43868238_/_43868240'	10	10	10	1.4	7.7	10	5.56	No	1.4 Thermal Discharging
TER071	400	'7753600_/_7753597_1'	4.1	10	10	1.4	0.9	10	5.56	No	0.9 Element Fault
TER071	401	'6199425_/_43867970'	3.33	3.33	3.33	0.464	0.5	3.33	1.85	No	0.464 Thermal Discharging
TER071	402	'43876846_/_6238903'	1.9	3.33	3.33	0.464	0.5	3.33	1.85	No	0.464 Thermal Discharging
TER071	403	'43876146_/_6235237'	1.97	3.33	3.33	0.464	0.5	3.33	1.85	No	0.464 Thermal Discharging
TER071	404	'66924632_/_6201127'	2.1	3.33	3.33	0.464	0.87	3.33	1.85	No	0.464 Thermal Discharging
TER071	405	'6237925_/_43875608'	1.27	3.33	3.33	0.464	0.3	3.33	1.85	No	0.3 Element Fault
TER071	406	'43876201_/_6235372'	2.27	3.33	3.33	0.464	0.5	3.33	1.85	No	0.464 Thermal Discharging
TER071	407	'6235746_/_6236774'	1.5	3.33	3.33	0.464	0.3	3.33	1.85	No	0.3 Element Fault
TER071	408	'6233080_/_6233077_1'	1.57	3.33	3.33	0.464	0.3	3.33	1.85	No	0.3 Element Fault
TER071	409	'6234739_/_6236109'	1.9	3.33	3.33	0.464	0.5	3.33	1.85	No	0.464 Thermal Discharging
TER071	410	'6235375_/_6235385_1'	2.17	3.33	3.33	0.464	0.5	3.33	1.85	No	0.464 Thermal Discharging
TER071	411	'7438887_/_9643919_1'	2.1	3.33	3.33	0.464	0.5	3.33	1.85	No	0.464 Thermal Discharging
TER071	412	'69176345_/_69176352'	3.9	10	10	1.4	0.9	10	5.56	No	0.9 Element Fault
TER071	413	'43875866_/_6233077_2'	1.53	3.33	3.33	0.464	0.3	3.33	1.85	No	0.3 Element Fault
TER071	414	'69176420_/_69176385_1'	3.9	10	10	1.4	0.9	10	5.56	No	0.9 Element Fault
TER071	415	'44889282_/_6235605'	1.33	3.33	3.33	0.464	0.5	3.33	1.85	No	0.464 Thermal Discharging
TER071	416	'6238919_/_6238916'	1.77	3.33	3.33	0.464	0.5	3.33	1.85	No	0.464 Thermal Discharging
TER071	417	'43875538_/_43875540_1'	1.3	3.33	3.33	0.464	0.5	3.33	1.85	No	0.464 Thermal Discharging
TER071	418	'6234508_/_6234506'	1.5	3.33	3.33	0.464	0.3	3.33	1.85	No	0.3 Element Fault
TER071	419	'43875955_/_43875957'	1.87	3.33	3.33	0.464	0.5	3.33	1.85	No	0.464 Thermal Discharging
TER071	420	'6234967_/_6234964'	1.7	3.33	3.33	0.464	0.5	3.33	1.85	No	0.464 Thermal Discharging
TER071	421	'471376992_/_6240371'	2.73	6.67	6.67	0.936	1	6.67	3.71	No	0.936 Thermal Discharging
TER071	422	'6234754_/_6234752'	3.53	6.67	6.67	0.936	1	6.67	3.71	No	0.936 Thermal Discharging
TER071	423	'6236138_/_6236135'	1.63	3.33	3.33	0.464	0.5	3.33	1.85	No	0.464 Thermal Discharging
TER071	424	'6237130_/_6237127'	1.63	3.33	3.33	0.464	0.3	3.33	1.85	No	0.3 Element Fault
TER071	425	'43875943_/_6234626'	1.67	3.33	3.33	0.464	0.5	3.33	1.85	No	0.464 Thermal Discharging
TER071	426	'6235388_/_6235385_2'	1.93	3.33	3.33	0.464	0.5	3.33	1.85	No	0.464 Thermal Discharging
TER071	427	'7751645_/_7751643'	6	10	10	1.4	0.9	10	5.56	No	0.9 Element Fault
TER071	428	'6199438_/_6199435'	2.23	3.33	3.33	0.464	0.5	3.33	1.85	No	0.464 Thermal Discharging
TER071	429	'6237245_/_6237242'	1.57	3.33	3.33	0.464	0.5	3.33	1.85	No	0.464 Thermal Discharging
TER071	430	'6199637_/_43868051'	1.53	3.33	3.33	0.464	0.5	3.33	1.85	No	0.464 Thermal Discharging
TER071	431	'6235109_/_6235704'	1.77	3.33	3.33	0.464	0.5	3.33	1.85	No	0.464 Thermal Discharging
TER071	432	'6199006_/_6199067'	4.9	10	10	1.4	2.6	10	5.56	No	1.4 Thermal Discharging
TER071	433	'43875756_/_6235743'	1.37	3.33	3.33	0.464	0.3	3.33	1.85	No	0.3 Element Fault
TER071	434	'6237938_/_6237935'	1.17	3.33	3.33	0.464	0.3	3.33	1.85	No	0.3 Element Fault
TER071	435	'6238932_/_6238929'	1.6	3.33	3.33	0.464	0.5	3.33	1.85	No	0.464 Thermal Discharging
TER071	436	'148961943_/_148961952'	4.8	10	10	1.4	2.6	10	5.56	No	1.4 Thermal Discharging
TER071	437	'6235253_/_43876148'	1.6	3.33	3.33	0.464	0.5	3.33	1.85	No	0.464 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TER071	438	'6234738_/_6234736'		1.6	3.33	3.33	0.464	0.5	3.33	1.85 No	0.464 Thermal Discharging
TER071	439	'154179273_/_148962032_2'		4.8	10	10	1.4	2.6	10	5.56 No	1.4 Thermal Discharging
TER071	440	'6234980_/_6234977'		1.53	3.33	3.33	0.464	0.5	3.33	1.85 No	0.464 Thermal Discharging
TER071	441	'43867709_/_43867711'		1.67	3.33	3.33	0.464	0.87	3.33	1.85 No	0.464 Thermal Discharging
TER071	442	'6237143_/_6237140'		1.47	3.33	3.33	0.464	0.3	3.33	1.85 No	0.3 Element Fault
TER071	443	'43867753_/_6199004'		4.6	10	10	1.4	2.6	10	5.56 No	1.4 Thermal Discharging
TER071	444	'6235401_/_6235398'		1.73	3.33	3.33	0.464	0.5	3.33	1.85 No	0.464 Thermal Discharging
TER071	445	'43875871_/_43875868'		1.3	3.33	3.33	0.464	0.3	3.33	1.85 No	0.3 Element Fault
TER071	446	'43868082_/_6199660'		5	10	10	1.4	1.6	10	5.56 No	1.4 Thermal Discharging
TER071	447	'6199041_/_6199038_2'		1.67	3.33	3.33	0.464	0.87	3.33	1.85 No	0.464 Thermal Discharging
TER071	448	'43875966_/_43875968'		3.07	6.67	6.67	0.936	1	6.67	3.71 No	0.936 Thermal Discharging
TER071	449	'44889308_/_6234694'		1.6	3.33	3.33	0.464	0.5	3.33	1.85 No	0.464 Thermal Discharging
TER071	450	'6234993_/_6234990'		1.47	3.33	3.33	0.464	0.5	3.33	1.85 No	0.464 Thermal Discharging
TER071	451	'6235110_/_6235107'		1.57	3.33	3.33	0.464	0.5	3.33	1.85 No	0.464 Thermal Discharging
TER071	452	'6234180_/_6234190'		1.17	3.33	3.33	0.464	0.5	3.33	1.85 No	0.464 Thermal Discharging
TER071	453	'6235582_/_6236057'		1.3	3.33	3.33	0.464	0.3	3.33	1.85 No	0.3 Element Fault
TER071	454	'43876405_/_6236286'		1.4	3.33	3.33	0.464	0.5	3.33	1.85 No	0.464 Thermal Discharging
TER071	455	'43867979_/_6200446'		1.77	3.33	3.33	0.464	0.5	3.33	1.85 No	0.464 Thermal Discharging
TER071	456	'67815496_/_6237989_2'		1.07	3.33	3.33	0.464	0.3	3.33	1.85 No	0.3 Element Fault
TER071	457	'148962014_/_148962032_1'		4.3	10	10	1.4	1.5	10	5.56 No	1.4 Thermal Discharging
TER071	458	'43876756_/_6237153'		1.37	3.33	3.33	0.464	0.3	3.33	1.85 No	0.3 Element Fault
TER071	459	'43876824_/_6237464'		1.37	3.33	3.33	0.464	0.5	3.33	1.85 No	0.464 Thermal Discharging
TER071	460	'6235266_/_6235263'		1.43	3.33	3.33	0.464	0.5	3.33	1.85 No	0.464 Thermal Discharging
TER071	461	'6234308_/_43875758'		1.2	3.33	3.33	0.464	0.3	3.33	1.85 No	0.3 Element Fault
TER071	462	'9643922_/_9643919_2'		1.6	3.33	3.33	0.464	0.5	3.33	1.85 No	0.464 Thermal Discharging
TER071	463	'6238237_/_6240282'		2.33	6.67	6.67	0.936	1	6.67	3.71 No	0.936 Thermal Discharging
TER071	464	'6235136_/_6235133'		1.5	3.33	3.33	0.464	0.5	3.33	1.85 No	0.464 Thermal Discharging
TER071	465	'6238958_/_6238955'		1.4	3.33	3.33	0.464	0.5	3.33	1.85 No	0.464 Thermal Discharging
TER071	466	'6199024_/_6199021'		4.2	10	10	1.4	2.6	10	5.56 No	1.4 Thermal Discharging
TER071	467	'6237966_/_6237963'		1.53	3.33	3.33	0.464	0.5	3.33	1.85 No	0.464 Thermal Discharging
TER071	468	'6235620_/_6235618'		2.73	6.67	6.67	0.936	1	6.67	3.71 No	0.936 Thermal Discharging
TER071	469	'6200462_/_6200459'		1.6	3.33	3.33	0.464	0.5	3.33	1.85 No	0.464 Thermal Discharging
TER071	470	'6198751_/_6199038_1'		1.57	3.33	3.33	0.464	0.5	3.33	1.85 No	0.464 Thermal Discharging
TER071	471	'43876091_/_6235678'		1.33	3.33	3.33	0.464	0.5	3.33	1.85 No	0.464 Thermal Discharging
TER071	472	'43875833_/_6235579'		1.17	3.33	3.33	0.464	0.3	3.33	1.85 No	0.3 Element Fault
TER071	473	'69412237_/_6199997'		4	10	10	1.4	2.6	10	5.56 No	1.4 Thermal Discharging
TER071	474	'6237169_/_6237166'		1.27	3.33	3.33	0.464	0.3	3.33	1.85 No	0.3 Element Fault
TER071	475	'6199450_/_6200472'		1.5	3.33	3.33	0.464	0.5	3.33	1.85 No	0.464 Thermal Discharging
TER071	476	'6237480_/_6237477'		1.23	3.33	3.33	0.464	0.5	3.33	1.85 No	0.464 Thermal Discharging
TER071	477	'6199680_/_6199677'		4	10	10	1.4	1.6	10	5.56 No	1.4 Thermal Discharging
TER071	478	'43876124_/_6235146'		1.33	3.33	3.33	0.464	0.5	3.33	1.85 No	0.464 Thermal Discharging
TER071	479	'6204248_/_6204245'		1.23	3.33	3.33	0.464	0.5	3.33	1.85 No	0.464 Thermal Discharging
TER071	480	'43867742_/_6199647'		1.2	3.33	3.33	0.464	0.5	3.33	1.85 No	0.464 Thermal Discharging
TER071	481	'43876857_/_6238968'		1.27	3.33	3.33	0.464	0.5	3.33	1.85 No	0.464 Thermal Discharging
TER071	482	'43875527_/_43875529'		1.03	3.33	3.33	0.464	0.5	3.33	1.85 No	0.464 Thermal Discharging
TER071	483	'6200020_/_6200017'		1.27	3.33	3.33	0.464	0.87	3.33	1.85 No	0.464 Thermal Discharging
TER071	484	'43876157_/_6235276'		1.27	3.33	3.33	0.464	0.5	3.33	1.85 No	0.464 Thermal Discharging
TER071	485	'6234321_/_6234318'		1.07	3.33	3.33	0.464	0.3	3.33	1.85 No	0.3 Element Fault
TER071	486	'6198699_/_6198748'		1.43	3.33	3.33	0.464	0.5	3.33	1.85 No	0.464 Thermal Discharging
TER071	487	'6238238_/_6238235_1'		2.07	6.67	6.67	0.936	1	6.67	3.71 No	0.936 Thermal Discharging
TER071	488	'6198725_/_6198722_2'		1.43	3.33	3.33	0.464	0.5	3.33	1.85 No	0.464 Thermal Discharging
TER071	489	'43876212_/_6237976'		1.33	3.33	3.33	0.464	0.5	3.33	1.85 No	0.464 Thermal Discharging
TER071	490	'6235006_/_6235003'		1.2	3.33	3.33	0.464	0.5	3.33	1.85 No	0.464 Thermal Discharging
TER071	491	'69412168_/_6238235_2'		2	6.67	6.67	0.936	1	6.67	3.71 No	0.936 Thermal Discharging
TER071	492	'6237257_/_6237490'		1.17	3.33	3.33	0.464	0.5	3.33	1.85 No	0.464 Thermal Discharging
TER071	493	'43868107_/_6199869'		3.7	10	10	1.4	1.6	10	5.56 No	1.4 Thermal Discharging
TER071	494	'6204232_/_6204229'		1.2	3.33	3.33	0.464	0.5	3.33	1.85 No	0.464 Thermal Discharging
TER071	495	'6237219_/_6237216'		1.13	3.33	3.33	0.464	0.3	3.33	1.85 No	0.3 Element Fault
TER071	496	'6198712_/_6198722_1'		1.33	3.33	3.33	0.464	0.3	3.33	1.85 No	0.3 Element Fault
TER071	497	'6234496_/_6235566'		1.03	3.33	3.33	0.464	0.3	3.33	1.85 No	0.3 Element Fault
TER071	498	'43867990_/_6199448'		1.3	3.33	3.33	0.464	0.5	3.33	1.85 No	0.464 Thermal Discharging
TER071	499	'6235162_/_6235159'		1.23	3.33	3.33	0.464	0.5	3.33	1.85 No	0.464 Thermal Discharging
TER071	500	'6204261_/_6204258'		1.1	3.33	3.33	0.464	0.5	3.33	1.85 No	0.464 Thermal Discharging
TER071	501	'6199892_/_43868122'		3.5	10	10	1.4	1.6	10	5.56 No	1.4 Thermal Discharging
TER071	502	'6235292_/_6235289'		1.17	3.33	3.33	0.464	0.5	3.33	1.85 No	0.464 Thermal Discharging
TER071	503	'43876791_/_6237255'		1.1	3.33	3.33	0.464	0.5	3.33	1.85 No	0.464 Thermal Discharging
TER071	504	'6234154_/_6234164'		0.97	3.33	3.33	0.464	0.5	3.33	1.85 No	0.464 Thermal Discharging
TER071	505	'6234806_/_43876859'		1.13	3.33	3.33	0.464	0.5	3.33	1.85 No	0.464 Thermal Discharging
TER071	506	'6234337_/_6234334'		0.97	3.33	3.33	0.464	0.3	3.33	1.85 No	0.3 Element Fault
TER071	507	'6200488_/_6200485'		1.3	3.33	3.33	0.464	0.5	3.33	1.85 No	0.464 Thermal Discharging
TER071	508	'639123171_/_639123168'		3.4	10	10	1.4	1.6	10	5.56 No	1.4 Thermal Discharging
TER071	509	'639123295_/_639123210_2'		3.4	10	10	1.4	0.9	10	5.56 No	0.9 Element Fault
TER071	510	'639123146_/_639123210_3'		3.4	10	10	1.4	0.9	10	5.56 No	0.9 Element Fault
TER071	511	'6235414_/_6235411'		1.23	3.33	3.33	0.464	0.5	3.33	1.85 No	0.464 Thermal Discharging
TER071	512	'6235019_/_6235016'		1.1	3.33	3.33	0.464	0.5	3.33	1.85 No	0.464 Thermal Discharging
TER071	513	'6238253_/_6238250'		0.93	3.33	3.33	0.464	0.5	3.33	1.85 No	0.464 Thermal Discharging
TER071	514	'6235305_/_6235302'		1.1	3.33	3.33	0.464	0.5	3.33	1.85 No	0.464 Thermal Discharging
TER071	515	'43876802_/_6237346'		1.07	3.33	3.33	0.464	0.3	3.33	1.85 No	0.3 Element Fault
TER071	516	'6198711_/_6198709'		1.23	3.33	3.33	0.464	0.3	3.33	1.85 No	0.3 Element Fault
TER071	517	'6199464_/_6199461'		1.2	3.33	3.33	0.464	0.5	3.33	1.85 No	0.464 Thermal Discharging
TER071	518	'43867558_/_43867560'		1.23	3.33	3.33	0.464	0.5	3.33	1.85 No	0.464 Thermal Discharging
TER071	519	'6235175_/_6235172'		1.13	3.33	3.33	0.464	0.5	3.33	1.85 No	0.464 Thermal Discharging
TER071	520	'43876267_/_6235537'		1	3.33	3.33	0.464	0.5	3.33	1.85 No	0.464 Thermal Discharging
TER071	521	'6234807_/_6234804'		1.07	3.33	3.33	0.464	0.5	3.33	1.85 No	0.464 Thermal Discharging
TER071	522	'6234495_/_6234493'		0.93	3.33	3.33	0.464	0.3	3.33	1.85 No	0.3 Element Fault
TER071	523	'6199140_/_43867744'		0.97	3.33	3.33	0.464	0.5	3.33	1.85 No	0.464 Thermal Discharging
TER071	524	'43876223_/_6235427'		1.13	3.33	3.33	0.464	0.5	3.33	1.85 No	0.464 Thermal Discharging
TER071	525	'43876179_/_6235756'		1.03	3.33	3.33	0.464	0.5	3.33	1.85 No	0.464 Thermal Discharging
TER071	526	'6234141_/_6234151'		0.9	3.33	3.33	0.464	0.5	3.33	1.85 No	0.464 Thermal Discharging
TER071	527	'6237365_/_6237362'		1	3.33	3.33	0.464	0.3	3.33	1.85 No	0.3 Element Fault
TER071	528	'43876102_/_6235029'		1.03	3.33	3.33	0.464	0.5	3.33	1.85 No	0.464 Thermal Discharging
TER071	529	'6237378_/_6237375'		1	3.33	3.33	0.464	0.3	3.33	1.85 No	0.3 Element Fault
TER071	530	'6237274_/_43876793'		1	3.33	3.33	0.464	0.5	3.33	1.85 No	0.464 Thermal Discharging
TER071	531	'6199477_/_6199474'		1.13	3.33	3.33	0.464	0.5	3.33	1.85 No	0.464 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TER071	532	'6200501_/_6200498'	1.17	3.33	3.33	0.464	0.5	3.33	1.85 No	0.464	Thermal Discharging
TER071	533	'6238266_/_6238263'	0.87	3.33	3.33	0.464	0.5	3.33	1.85 No	0.464	Thermal Discharging
TER071	534	'6234007_/_6234138'	0.87	3.33	3.33	0.464	0.5	3.33	1.85 No	0.464	Thermal Discharging
TER071	535	'43867731_/_6199138'	0.93	3.33	3.33	0.464	0.5	3.33	1.85 No	0.464	Thermal Discharging
TER071	536	'6235188_/_6235185'	1.03	3.33	3.33	0.464	0.5	3.33	1.85 No	0.464	Thermal Discharging
TER071	537	'6237394_/_6237391'	0.97	3.33	3.33	0.464	0.3	3.33	1.85 No	0.3	Element Fault
TER071	538	'6198673_/_6198683'	1.1	3.33	3.33	0.464	0.5	3.33	1.85 No	0.464	Thermal Discharging
TER071	539	'6236004_/_6236002'	0.87	3.33	3.33	0.464	0.5	3.33	1.85 No	0.464	Thermal Discharging
TER071	540	'6199237_/_6199235'	1.1	3.33	3.33	0.464	0.3	3.33	1.85 No	0.3	Element Fault
TER071	541	'43876000_/_6234817'	0.97	3.33	3.33	0.464	0.5	3.33	1.85 No	0.464	Thermal Discharging
TER071	542	'6235045_/_43876104'	0.97	3.33	3.33	0.464	0.5	3.33	1.85 No	0.464	Thermal Discharging
TER071	543	'6235540_/_43876269'	0.93	3.33	3.33	0.464	0.5	3.33	1.85 No	0.464	Thermal Discharging
TER071	544	'43868001_/_6199490'	1.07	3.33	3.33	0.464	0.5	3.33	1.85 No	0.464	Thermal Discharging
TER071	545	'6203915_/_6235315'	0.97	3.33	3.33	0.464	0.5	3.33	1.85 No	0.464	Thermal Discharging
TER071	546	'6203931_/_6235440'	1.03	3.33	3.33	0.464	0.5	3.33	1.85 No	0.464	Thermal Discharging
TER071	547	'6237287_/_6237284'	0.9	3.33	3.33	0.464	0.5	3.33	1.85 No	0.464	Thermal Discharging
TER071	548	'6234008_/_6234005'	0.83	3.33	3.33	0.464	0.5	3.33	1.85 No	0.464	Thermal Discharging
TER071	549	'43877183_/_43877185'	0.83	3.33	3.33	0.464	0.3	3.33	1.85 No	0.3	Element Fault
TER071	550	'6235058_/_6235055'	0.93	3.33	3.33	0.464	0.5	3.33	1.85 No	0.464	Thermal Discharging
TER071	551	'43867569_/_6199261'	1.07	3.33	3.33	0.464	0.3	3.33	1.85 No	0.3	Element Fault
TER071	552	'6234833_/_43876002'	0.93	3.33	3.33	0.464	0.5	3.33	1.85 No	0.464	Thermal Discharging
TER071	553	'6199264_/_6200511_2'	1.03	3.33	3.33	0.464	0.3	3.33	1.85 No	0.3	Element Fault
TER071	554	'6199154_/_6199151'	0.87	3.33	3.33	0.464	0.5	3.33	1.85 No	0.464	Thermal Discharging
TER071	555	'6237420_/_6237404'	0.9	3.33	3.33	0.464	0.3	3.33	1.85 No	0.3	Element Fault
TER071	556	'6203916_/_6203913'	0.9	3.33	3.33	0.464	0.5	3.33	1.85 No	0.464	Thermal Discharging
TER071	557	'6199493_/_43868003'	1	3.33	3.33	0.464	0.5	3.33	1.85 No	0.464	Thermal Discharging
TER071	558	'6203932_/_6203929'	0.97	3.33	3.33	0.464	0.5	3.33	1.85 No	0.464	Thermal Discharging
TER071	559	'6198672_/_6198670'	1	3.33	3.33	0.464	0.5	3.33	1.85 No	0.464	Thermal Discharging
TER071	560	'6241780_/_6241778'	0.8	3.33	3.33	0.464	0.3	3.33	1.85 No	0.3	Element Fault
TER071	561	'43867547_/_6199274'	1	3.33	3.33	0.464	0.3	3.33	1.85 No	0.3	Element Fault
TER071	562	'6234846_/_6234843'	0.9	3.33	3.33	0.464	0.5	3.33	1.85 No	0.464	Thermal Discharging
TER071	563	'6237300_/_6237297'	0.87	3.33	3.33	0.464	0.5	3.33	1.85 No	0.464	Thermal Discharging
TER071	564	'6235071_/_6235068'	0.9	3.33	3.33	0.464	0.5	3.33	1.85 No	0.464	Thermal Discharging
TER071	565	'6198657_/_6199248'	1	3.33	3.33	0.464	0.3	3.33	1.85 No	0.3	Element Fault
TER071	566	'352308145_/_6198521_1'	1	3.33	3.33	0.464	0.2	3.33	1.85 No	0.2	Element Fault
TER071	567	'6198763_/_6200511_1'	1	3.33	3.33	0.464	0.2	3.33	1.85 No	0.2	Element Fault
TER071	568	'43875516_/_6234018'	0.77	3.33	3.33	0.464	0.5	3.33	1.85 No	0.464	Thermal Discharging
TER071	569	'43876011_/_6235691'	0.87	3.33	3.33	0.464	0.5	3.33	1.85 No	0.464	Thermal Discharging
TER071	570	'6235553_/_6241804'	0.77	3.33	3.33	0.464	0.3	3.33	1.85 No	0.3	Element Fault
TER071	571	'6199167_/_6199164'	0.8	3.33	3.33	0.464	0.5	3.33	1.85 No	0.464	Thermal Discharging
TER071	572	'43867492_/_6198521_2'	0.93	3.33	3.33	0.464	0.2	3.33	1.85 No	0.2	Element Fault
TER071	573	'6234859_/_6234856'	0.83	3.33	3.33	0.464	0.5	3.33	1.85 No	0.464	Thermal Discharging
TER071	574	'43867536_/_43867538'	0.93	3.33	3.33	0.464	0.3	3.33	1.85 No	0.3	Element Fault
TER071	575	'43876234_/_6235730'	0.83	3.33	3.33	0.464	0.5	3.33	1.85 No	0.464	Thermal Discharging
TER071	576	'43868288_/_43868290'	0.9	3.33	3.33	0.464	0.5	3.33	1.85 No	0.464	Thermal Discharging
TER071	577	'6199180_/_6199177'	0.77	3.33	3.33	0.464	0.5	3.33	1.85 No	0.464	Thermal Discharging
TER071	578	'6235884_/_43875518'	0.73	3.33	3.33	0.464	0.5	3.33	1.85 No	0.464	Thermal Discharging
TER071	579	'354489312_/_6235469'	0.8	3.33	3.33	0.464	0.5	3.33	1.85 No	0.464	Thermal Discharging
TER071	580	'6235910_/_6235920_1'	0.73	3.33	3.33	0.464	0.3	3.33	1.85 No	0.3	Element Fault
TER071	581	'6198764_/_43867582'	0.9	3.33	3.33	0.464	0.2	3.33	1.85 No	0.2	Element Fault
TER071	582	'6199209_/_43867494'	0.9	3.33	3.33	0.464	0.2	3.33	1.85 No	0.2	Element Fault
TER071	583	'6235923_/_6235920_2'	0.7	3.33	3.33	0.464	0.3	3.33	1.85 No	0.3	Element Fault
TER071	584	'44788588_/_6200420'	0.87	3.33	3.33	0.464	0.5	3.33	1.85 No	0.464	Thermal Discharging
TER071	585	'6235472_/_354489314'	0.77	3.33	3.33	0.464	0.5	3.33	1.85 No	0.464	Thermal Discharging
TER071	586	'6235459_/_6235456'	0.8	3.33	3.33	0.464	0.5	3.33	1.85 No	0.464	Thermal Discharging
TER071	587	'43875822_/_43875824'	0.7	3.33	3.33	0.464	0.3	3.33	1.85 No	0.3	Element Fault
TER071	588	'6198628_/_6198641'	0.87	3.33	3.33	0.464	0.3	3.33	1.85 No	0.3	Element Fault
TER071	589	'43868133_/_6199971'	0.73	3.33	3.33	0.464	0.5	3.33	1.85 No	0.464	Thermal Discharging
TER071	590	'6199974_/_6199984_1'	0.7	3.33	3.33	0.464	0.5	3.33	1.85 No	0.464	Thermal Discharging
TER071	591	'6234222_/_6235894'	0.7	3.33	3.33	0.464	0.5	3.33	1.85 No	0.464	Thermal Discharging
TER071	592	'6235936_/_6235933'	0.7	3.33	3.33	0.464	0.3	3.33	1.85 No	0.3	Element Fault
TER071	593	'43867591_/_6198774'	0.83	3.33	3.33	0.464	0.2	3.33	1.85 No	0.2	Element Fault
TER071	594	'6233943_/_6233940_2'	0.7	3.33	3.33	0.464	0.5	3.33	1.85 No	0.464	Thermal Discharging
TER071	595	'43868144_/_6199919'	0.83	3.33	3.33	0.464	0.2	3.33	1.85 No	0.2	Element Fault
TER071	596	'6235488_/_6235485'	0.73	3.33	3.33	0.464	0.5	3.33	1.85 No	0.464	Thermal Discharging
TER071	597	'6198615_/_6198625'	0.8	3.33	3.33	0.464	0.3	3.33	1.85 No	0.3	Element Fault
TER071	598	'6199195_/_6199984_2'	0.67	3.33	3.33	0.464	0.5	3.33	1.85 No	0.464	Thermal Discharging
TER071	599	'6235501_/_6235498'	0.73	3.33	3.33	0.464	0.5	3.33	1.85 No	0.464	Thermal Discharging
TER071	600	'6235552_/_6235550'	0.63	3.33	3.33	0.464	0.3	3.33	1.85 No	0.3	Element Fault
TER071	601	'6234205_/_6235946'	0.67	3.33	3.33	0.464	0.3	3.33	1.85 No	0.3	Element Fault
TER071	602	'6233942_/_6233940_1'	0.67	3.33	3.33	0.464	0.3	3.33	1.85 No	0.3	Element Fault
TER071	603	'6198790_/_43867593'	0.77	3.33	3.33	0.464	0.2	3.33	1.85 No	0.2	Element Fault
TER071	604	'6199935_/_43868146'	0.77	3.33	3.33	0.464	0.2	3.33	1.85 No	0.2	Element Fault
TER071	605	'6234206_/_6234203'	0.63	3.33	3.33	0.464	0.3	3.33	1.85 No	0.3	Element Fault
TER071	606	'43875549_/_6234235'	0.63	3.33	3.33	0.464	0.5	3.33	1.85 No	0.464	Thermal Discharging
TER071	607	'6234033_/_6234031_1'	0.63	3.33	3.33	0.464	0.3	3.33	1.85 No	0.3	Element Fault
TER071	608	'6235514_/_6235511'	0.67	3.33	3.33	0.464	0.5	3.33	1.85 No	0.464	Thermal Discharging
TER071	609	'6233927_/_6233966'	0.63	3.33	3.33	0.464	0.3	3.33	1.85 No	0.3	Element Fault
TER071	610	'43867525_/_43867527'	0.77	3.33	3.33	0.464	0.3	3.33	1.85 No	0.3	Element Fault
TER071	611	'43867720_/_6199193'	0.63	3.33	3.33	0.464	0.5	3.33	1.85 No	0.464	Thermal Discharging
TER071	612	'6233982_/_6233979'	0.63	3.33	3.33	0.464	0.3	3.33	1.85 No	0.3	Element Fault
TER071	613	'6198803_/_6198800'	0.73	3.33	3.33	0.464	0.2	3.33	1.85 No	0.2	Element Fault
TER071	614	'6198536_/_6199945'	0.73	3.33	3.33	0.464	0.2	3.33	1.85 No	0.2	Element Fault
TER071	615	'43875560_/_6234031_2'	0.6	3.33	3.33	0.464	0.3	3.33	1.85 No	0.3	Element Fault
TER071	616	'6233914_/_6233924'	0.6	3.33	3.33	0.464	0.3	3.33	1.85 No	0.3	Element Fault
TER071	617	'6198601_/_6198599'	0.7	3.33	3.33	0.464	0.3	3.33	1.85 No	0.3	Element Fault
TER071	618	'43875505_/_6233953'	0.6	3.33	3.33	0.464	0.3	3.33	1.85 No	0.3	Element Fault
TER071	619	'6199196_/_43867722'	0.6	3.33	3.33	0.464	0.5	3.33	1.85 No	0.464	Thermal Discharging
TER071	620	'6233995_/_6233992'	0.6	3.33	3.33	0.464	0.3	3.33	1.85 No	0.3	Element Fault
TER071	621	'43867602_/_6199906'	0.7	3.33	3.33	0.464	0.2	3.33	1.85 No	0.2	Element Fault
TER071	622	'43867514_/_6198534'	0.7	3.33	3.33	0.464	0.2	3.33	1.85 No	0.2	Element Fault
TER071	623	'6233901_/_6233911'	0.57	3.33	3.33	0.464	0.3	3.33	1.85 No	0.3	Element Fault
TER071	624	'6234050_/_6234047'	0.57	3.33	3.33	0.464	0.3	3.33	1.85 No	0.3	Element Fault
TER071	625	'6233900_/_6233898'	0.57	3.33	3.33	0.464	0.3	3.33	1.85 No	0.3	Element Fault

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TER071	626	'6236723_/_7106563'	0.67	3.33	3.33	0.464	0.3	3.33	1.85 No	0.3	Element Fault
TER071	627	'9019424_/_9332854_1'	0.57	3.33	3.33	0.464	0.2	3.33	1.85 No	0.2	Element Fault
TER071	628	'43867607_/_43867604'	0.67	3.33	3.33	0.464	0.2	3.33	1.85 No	0.2	Element Fault
TER071	629	'6236151_/_6236148'	0.57	3.33	3.33	0.464	0.3	3.33	1.85 No	0.3	Element Fault
TER071	630	'6198550_/_43867516'	0.67	3.33	3.33	0.464	0.2	3.33	1.85 No	0.2	Element Fault
TER071	631	'6234063_/_6234060'	0.57	3.33	3.33	0.464	0.3	3.33	1.85 No	0.3	Element Fault
TER071	632	'6233956_/_43875507'	0.53	3.33	3.33	0.464	0.3	3.33	1.85 No	0.3	Element Fault
TER071	633	'43876660_/_43876662'	0.63	3.33	3.33	0.464	0.3	3.33	1.85 No	0.3	Element Fault
TER071	634	'43877044_/_43877046'	0.53	3.33	3.33	0.464	0.3	3.33	1.85 No	0.3	Element Fault
TER071	635	'45283748_/_6236707'	0.63	3.33	3.33	0.464	0.3	3.33	1.85 No	0.3	Element Fault
TER071	636	'6198563_/_6198560'	0.63	3.33	3.33	0.464	0.2	3.33	1.85 No	0.2	Element Fault
TER071	637	'43875571_/_6234076'	0.53	3.33	3.33	0.464	0.3	3.33	1.85 No	0.3	Element Fault
TER071	638	'9332857_/_9332854_2'	0.53	3.33	3.33	0.464	0.2	3.33	1.85 No	0.2	Element Fault
TER071	639	'6234092_/_43875573'	0.53	3.33	3.33	0.464	0.3	3.33	1.85 No	0.3	Element Fault
TER071	640	'6240882_/_6240880'	0.5	3.33	3.33	0.464	0.3	3.33	1.85 No	0.3	Element Fault
TER071	641	'43867503_/_6198573'	0.6	3.33	3.33	0.464	0.2	3.33	1.85 No	0.2	Element Fault
TER071	642	'6234108_/_6234105'	0.5	3.33	3.33	0.464	0.3	3.33	1.85 No	0.3	Element Fault
TER071	643	'43867508_/_43867505'	0.57	3.33	3.33	0.464	0.2	3.33	1.85 No	0.2	Element Fault
TER071	644	'6233888_/_6240893'	0.47	3.33	3.33	0.464	0.3	3.33	1.85 No	0.3	Element Fault
TER071	645	'6233887_/_6233885'	0.47	3.33	3.33	0.464	0.3	3.33	1.85 No	0.3	Element Fault
TER072	0	'TER072_/_8390008'	10	10	10	0.68	10	10	8.08 No	0.68	Thermal Discharging
TER072	1	'8390011_/_8390008'	10	10	10	0.68	10	10	8.08 No	0.68	Thermal Discharging
TER072	2	'8390111_/_8390108'	10	10	10	0.68	10	10	8.08 No	0.68	Thermal Discharging
TER072	3	'8075277_/_8700218'	10	10	10	0.68	10	10	8.08 No	0.68	Thermal Discharging
TER072	4	'8075278_/_8075275'	10	10	10	0.68	10	10	8.08 No	0.68	Thermal Discharging
TER072	5	'156760125_/_8075295'	10	10	10	0.68	10	10	8.08 No	0.68	Thermal Discharging
TER072	6	'156760876_/_156749508'	10	10	10	0.68	10	10	8.08 No	0.68	Thermal Discharging
TER072	7	'156760883_/_156760750'	10	10	10	0.68	10	10	8.08 No	0.68	Thermal Discharging
TER072	8	'156760221_/_156760780'	10	10	10	0.68	10	10	8.08 No	0.68	Thermal Discharging
TER072	9	'9295375_/_156760223'	10	10	10	0.68	10	10	8.08 No	0.68	Thermal Discharging
TER072	10	'7754015_/_9646467'	10	10	10	0.68	10	10	8.08 No	0.68	Thermal Discharging
TER072	11	'7754016_/_7754013'	10	10	10	0.68	10	10	8.08 No	0.68	Thermal Discharging
TER072	12	'8389775_/_8389772'	10	10	10	0.68	10	10	8.08 No	0.68	Thermal Discharging
TER072	13	'8699875_/_8699872'	10	10	10	0.68	10	10	8.08 No	0.68	Thermal Discharging
TER072	14	'7753975_/_9019789'	10	10	10	0.68	10	10	8.08 No	0.68	Thermal Discharging
TER072	15	'7753976_/_7753973'	10	10	10	0.68	10	10	8.08 No	0.68	Thermal Discharging
TER072	16	'9295199_/_9295196'	10	10	10	0.68	10	10	8.08 No	0.68	Thermal Discharging
TER072	17	'9019851_/_9646111'	10	10	10	0.68	10	10	8.08 No	0.68	Thermal Discharging
TER072	18	'8070743_/_9019849'	10	10	10	0.68	10	10	8.08 No	0.68	Thermal Discharging
TER072	19	'8070744_/_8070741'	10	10	10	0.68	10	10	8.08 No	0.68	Thermal Discharging
TER072	20	'8389755_/_8389752'	10	10	10	0.68	10	10	8.08 No	0.68	Thermal Discharging
TER072	21	'9056067_/_9646131'	10	10	10	0.68	10	10	8.08 No	0.68	Thermal Discharging
TER072	22	'9019383_/_9056065'	10	10	10	0.68	10	10	8.08 No	0.68	Thermal Discharging
TER072	23	'8699476_/_9019381'	10	10	10	0.68	10	10	8.08 No	0.68	Thermal Discharging
TER072	24	'8389536_/_8699474'	10	10	10	0.68	10	10	8.08 No	0.68	Thermal Discharging
TER072	25	'8389496_/_8389534'	10	10	10	0.68	10	10	8.08 No	0.68	Thermal Discharging
TER072	26	'8389497_/_8699454_1'	10	10	10	0.68	10	10	8.08 No	0.68	Thermal Discharging
TER072	27	'6239034_/_8699454_2'	10	10	10	0.68	10	10	8.08 No	0.68	Thermal Discharging
TER072	28	'6239017_/_6239032'	10	10	10	0.68	10	10	8.08 No	0.68	Thermal Discharging
TER072	29	'6239000_/_6239015'	10	10	10	0.68	10	10	8.08 No	0.68	Thermal Discharging
TER072	30	'6237907_/_6238998'	10	10	10	0.68	10	10	8.08 No	0.68	Thermal Discharging
TER072	31	'7753715_/_7753713_1'	10	10	10	0.68	10	10	8.08 No	0.68	Thermal Discharging
TER072	32	'6241701_/_6241698'	10	10	10	0.68	10	10	8.08 No	0.68	Thermal Discharging
TER072	33	'486259340_/_486259183_1'	10	10	10	0.68	5.3	10	8.08 No	0.68	Thermal Discharging
TER072	34	'486259303_/_6241735_2'	10	10	10	0.68	10	10	8.08 No	0.68	Thermal Discharging
TER072	35	'486259197_/_486259183_2'	10	10	10	0.68	5.3	10	8.08 No	0.68	Thermal Discharging
TER072	36	'43877170_/_6241735_1'	10	10	10	0.68	10	10	8.08 No	0.68	Thermal Discharging
TER072	37	'37962312_/_7753713_2'	10	10	10	0.68	10	10	8.08 No	0.68	Thermal Discharging
TER072	38	'405044501_/_37962309'	10	10	10	0.68	10	10	8.08 No	0.68	Thermal Discharging
TER072	39	'37962319_/_37962316'	3.33	3.33	3.33	0.224	0.8	3.33	2.69 No	0.224	Thermal Discharging
TER072	40	'37962298_/_37962295'	10	10	10	0.68	10	10	8.08 No	0.68	Thermal Discharging
TER072	41	'37962284_/_37962281'	10	10	10	0.68	10	10	8.08 No	0.68	Thermal Discharging
TER072	42	'486259218_/_486259205'	10	10	10	0.68	5.3	10	8.08 No	0.68	Thermal Discharging
TER072	43	'6239304_/_9019321'	10	10	10	0.68	10	10	8.08 No	0.68	Thermal Discharging
TER072	44	'6239287_/_6239302'	10	10	10	0.68	10	10	8.08 No	0.68	Thermal Discharging
TER072	45	'6239185_/_6239285'	10	10	10	0.68	10	10	8.08 No	0.68	Thermal Discharging
TER072	46	'6239186_/_6239183'	10	10	10	0.68	10	10	8.08 No	0.68	Thermal Discharging
TER072	47	'486259243_/_486259226'	10	10	10	0.68	5.3	10	8.08 No	0.68	Thermal Discharging
TER072	48	'6239203_/_6239200'	10	10	10	0.68	10	10	8.08 No	0.68	Thermal Discharging
TER072	49	'6239220_/_6239217'	10	10	10	0.68	10	10	8.08 No	0.68	Thermal Discharging
TER072	50	'6239253_/_6239402'	10	10	10	0.68	10	10	8.08 No	0.68	Thermal Discharging
TER072	51	'6239236_/_6239251'	10	10	10	0.68	10	10	8.08 No	0.68	Thermal Discharging
TER072	52	'451096068_/_451096074'	10	10	10	0.68	10	10	8.08 No	0.68	Thermal Discharging
TER072	53	'6239237_/_6239234'	10	10	10	0.68	10	10	8.08 No	0.68	Thermal Discharging
TER072	54	'451096036_/_451096144'	10	10	10	0.68	10	10	8.08 No	0.68	Thermal Discharging
TER072	55	'6239271_/_6239268'	10	10	10	0.68	10	10	8.08 No	0.68	Thermal Discharging
TER072	56	'149076276_/_149076282'	10	10	10	0.68	10	10	8.08 No	0.68	Thermal Discharging
TER072	57	'6237683_/_6239365'	10	10	10	0.68	10	10	8.08 No	0.68	Thermal Discharging
TER072	58	'394474970_/_388499754_1'	10	10	10	0.68	10	10	8.08 No	0.68	Thermal Discharging
TER072	59	'211727844_/_211727886'	10	10	10	0.68	10	10	8.08 No	0.68	Thermal Discharging
TER072	60	'6237684_/_6237681'	10	10	10	0.68	10	10	8.08 No	0.68	Thermal Discharging
TER072	61	'211727930_/_211727969'	10	10	10	0.68	10	10	8.08 No	0.68	Thermal Discharging
TER072	62	'69412132_/_388499754_2'	10	10	10	0.68	10	10	8.08 No	0.68	Thermal Discharging
TER072	63	'9019343_/_486259266'	10	10	10	0.68	5.3	10	8.08 No	0.68	Thermal Discharging
TER072	64	'9645793_/_9645791'	3.33	3.33	3.33	0.224	0.8	3.33	2.69 No	0.224	Thermal Discharging
TER072	65	'9332737_/_9332734'	10	10	10	0.68	10	10	8.08 No	0.68	Thermal Discharging
TER072	66	'211728480_/_211730605'	10	10	10	0.68	10	10	8.08 No	0.68	Thermal Discharging
TER072	67	'211728032_/_211728477'	10	10	10	0.68	10	10	8.08 No	0.68	Thermal Discharging
TER072	68	'211728473_/_211728470'	10	10	10	0.68	10	10	8.08 No	0.68	Thermal Discharging
TER072	69	'211728466_/_211728035'	10	10	10	0.68	10	10	8.08 No	0.68	Thermal Discharging
TER072	70	'211728031_/_211728028'	10	10	10	0.68	10	10	8.08 No	0.68	Thermal Discharging
TER072	71	'211730683_/_211730692'	10	10	10	0.68	10	10	8.08 No	0.68	Thermal Discharging
TER072	72	'211730721_/_211730730'	10	10	10	0.68	10	10	8.08 No	0.68	Thermal Discharging
TER073	0	'TER073_/_8390028'	10	10	10	0.928	10	10	6 No	0.928	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TER073		1 '7440888_/_8390028'		10	10	10	0.928	10	10	6 No	0.928 Thermal Discharging
TER073		2 '7440889_/_7440886'		10	10	10	0.928	10	10	6 No	0.928 Thermal Discharging
TER073		3 '8075198_/_8075195'		10	10	10	0.928	10	10	6 No	0.928 Thermal Discharging
TER073		4 '9020244_/_9020241'		10	10	10	0.928	10	10	6 No	0.928 Thermal Discharging
TER073		5 '8075377_/_9020341'		10	10	10	0.928	10	10	6 No	0.928 Thermal Discharging
TER073		6 '8075358_/_8075375'		10	10	10	0.928	10	10	6 No	0.928 Thermal Discharging
TER073		7 '8075158_/_8075355'		10	10	10	0.928	10	10	6 No	0.928 Thermal Discharging
TER073		8 '7440829_/_8075155'		10	10	10	0.928	8.9	10	6 No	0.928 Thermal Discharging
TER073		9 '7440828_/_7440826'		10	10	10	0.928	8.9	10	6 No	0.928 Thermal Discharging
TER073		10 '8110812_/_8110810'		10	10	10	0.928	8.9	10	6 No	0.928 Thermal Discharging
TER073		11 '8982135_/_8982133'		10	10	10	0.928	8.9	10	6 No	0.928 Thermal Discharging
TER073		12 '7718009_/_9608975'		10	10	10	0.928	8.9	10	6 No	0.928 Thermal Discharging
TER073		13 '7718008_/_7718006'		10	10	10	0.928	8.9	10	6 No	0.928 Thermal Discharging
TER073		14 '8353229_/_8353227'		10	10	10	0.928	8.9	10	6 No	0.928 Thermal Discharging
TER073		15 '7402845_/_8660887'		10	10	10	0.928	8.9	10	6 No	0.928 Thermal Discharging
TER073		16 '7402844_/_7402842'		10	10	10	0.928	8.9	10	6 No	0.928 Thermal Discharging
TER073		17 '8353190_/_8661163'		10	10	10	0.928	8.9	10	6 No	0.928 Thermal Discharging
TER073		18 '7402904_/_8353187'		10	10	10	0.928	8.9	10	6 No	0.928 Thermal Discharging
TER073		19 '7402609_/_7402902'		10	10	10	0.928	8.9	10	6 No	0.928 Thermal Discharging
TER073		20 '7402608_/_7402606'		10	10	10	0.928	8.9	10	6 No	0.928 Thermal Discharging
TER073		21 '8352914_/_8352911'		10	10	10	0.928	8.9	10	6 No	0.928 Thermal Discharging
TER073		22 '8980014_/_9608261'		10	10	10	0.928	8.9	10	6 No	0.928 Thermal Discharging
TER073		23 '8980013_/_8980011'		10	10	10	0.928	8.9	10	6 No	0.928 Thermal Discharging
TER073		24 '8353330_/_9293461'		10	10	10	0.928	8.9	10	6 No	0.928 Thermal Discharging
TER073		25 '8353329_/_8353327'		10	10	10	0.928	8.9	10	6 No	0.928 Thermal Discharging
TER073		26 '8979973_/_8980441'		10	10	10	0.928	8.9	10	6 No	0.928 Thermal Discharging
TER073		27 '8353390_/_8353387'		10	10	10	0.928	6.2	10	6 No	0.928 Thermal Discharging
TER073		28 '8979974_/_8979971'		10	10	10	0.928	8.9	10	6 No	0.928 Thermal Discharging
TER073		29 '7716408_/_9608201'		10	10	10	0.928	8.9	10	6 No	0.928 Thermal Discharging
TER073		30 '7402489_/_7716405'		10	10	10	0.928	8.9	10	6 No	0.928 Thermal Discharging
TER073		31 '8352793_/_9608021'		10	10	10	0.928	6.2	10	6 No	0.928 Thermal Discharging
TER073		32 '39318196_/_7402486_2'		10	10	10	0.928	8.9	10	6 No	0.928 Thermal Discharging
TER073		33 '5502181_/_7402486_1'		10	10	10	0.928	8.9	10	6 No	0.928 Thermal Discharging
TER073		34 '269929873_/_5502179'		10	10	10	0.928	8.9	10	6 No	0.928 Thermal Discharging
TER073		35 '43725783_/_269929875'		10	10	10	0.928	8.9	10	6 No	0.928 Thermal Discharging
TER073		36 '269929998_/_269929930_2'		10	10	10	0.928	5.3	10	6 No	0.928 Thermal Discharging
TER073		37 '383242891_/_5498668'		10	10	10	0.928	8.9	10	6 No	0.928 Thermal Discharging
TER073		38 '5498691_/_5498688'		10	10	10	0.928	8.9	10	6 No	0.928 Thermal Discharging
TER073		39 '8039209_/_8352791'	8.3	10	10	10	0.928	6.2	10	6 No	0.928 Thermal Discharging
TER073		40 '5498653_/_5498705'		10	10	10	0.928	8.9	10	6 No	0.928 Thermal Discharging
TER073		41 '69027920_/_5498651'		10	10	10	0.928	8.9	10	6 No	0.928 Thermal Discharging
TER073		42 '8979774_/_8979771'	7.2	10	10	10	0.928	6.2	10	6 No	0.928 Thermal Discharging
TER073		43 '5498349_/_5498722'		10	10	10	0.928	8.9	10	6 No	0.928 Thermal Discharging
TER073		44 '269929911_/_269929930_1'	8.1	10	10	10	0.928	1.5	10	6 No	0.928 Thermal Discharging
TER073		45 '5498312_/_5498347'		10	10	10	0.928	8.9	10	6 No	0.928 Thermal Discharging
TER073		46 '5498313_/_5498310'		10	10	10	0.928	8.9	10	6 No	0.928 Thermal Discharging
TER073		47 '5498526_/_5498523'		10	10	10	0.928	8.9	10	6 No	0.928 Thermal Discharging
TER073		48 '43720439_/_5498600'		10	10	10	0.928	8.9	10	6 No	0.928 Thermal Discharging
TER073		49 '5498384_/_5507474'		10	10	10	0.928	8.9	10	6 No	0.928 Thermal Discharging
TER073		50 '7402309_/_9607981'	6.4	10	10	10	0.928	6.2	10	6 No	0.928 Thermal Discharging
TER073		51 '5499787_/_5499784'		10	10	10	0.928	8.9	10	6 No	0.928 Thermal Discharging
TER073		52 '128004209_/_43720717'		10	10	10	0.928	8.9	10	6 No	0.928 Thermal Discharging
TER073		53 '7402348_/_7402346_1'		10	10	10	0.928	1.5	10	6 No	0.928 Thermal Discharging
TER073		54 '5498383_/_5498560_1'		10	10	10	0.928	1.8	10	6 No	0.928 Thermal Discharging
TER073		55 '43725809_/_5507457'		10	10	10	0.928	8.9	10	6 No	0.928 Thermal Discharging
TER073		56 '5498400_/_5498398_1'		10	10	10	0.928	8.9	10	6 No	0.928 Thermal Discharging
TER073		57 '128004820_/_128004426'		10	10	10	0.928	8.9	10	6 No	0.928 Thermal Discharging
TER073		58 '69412447_/_128004218'		10	10	10	0.928	8.9	10	6 No	0.928 Thermal Discharging
TER073		59 '128004839_/_128004455'		10	10	10	0.928	8.9	10	6 No	0.928 Thermal Discharging
TER073		60 '5498401_/_5498398_2'		10	10	10	0.928	8.9	10	6 No	0.928 Thermal Discharging
TER073		61 '128004850_/_128004485'		10	10	10	0.928	8.9	10	6 No	0.928 Thermal Discharging
TER073		62 '5498418_/_5498415'		10	10	10	0.928	8.9	10	6 No	0.928 Thermal Discharging
TER073		63 '5498468_/_5498466_1'		10	10	10	0.928	1.5	10	6 No	0.928 Thermal Discharging
TER073		64 '5498435_/_5498432'		10	10	10	0.928	8.9	10	6 No	0.928 Thermal Discharging
TER073		65 '7402349_/_7402346_2'	8.9	10	10	10	0.928	1.5	10	6 No	0.928 Thermal Discharging
TER073		66 '7402308_/_7402306'	6	10	10	10	0.928	6.2	10	6 No	0.928 Thermal Discharging
TER073		67 '128004871_/_128004513'		10	10	10	0.928	8.9	10	6 No	0.928 Thermal Discharging
TER073		68 '128004888_/_128004551'		10	10	10	0.928	8.9	10	6 No	0.928 Thermal Discharging
TER073		69 '8660193_/_568393198_2'		10	10	10	0.928	5.3	10	6 No	0.928 Thermal Discharging
TER073		70 '5498452_/_5498449'		10	10	10	0.928	8.9	10	6 No	0.928 Thermal Discharging
TER073		71 '75292911_/_8352711'	5.9	10	10	10	0.928	6.2	10	6 No	0.928 Thermal Discharging
TER073		72 '43726007_/_5498466_2'	8.9	10	10	10	0.928	1.5	10	6 No	0.928 Thermal Discharging
TER073		73 '128004899_/_128004583'		10	10	10	0.928	8.9	10	6 No	0.928 Thermal Discharging
TER073		74 '5498546_/_5498543'		10	10	10	0.928	8.9	10	6 No	0.928 Thermal Discharging
TER073		75 '9293143_/_568393198_1'	9	10	10	10	0.928	0.9	10	6 No	0.9 Element Fault
TER073		76 '43725994_/_5498634'	9.8	10	10	10	0.928	8.9	10	6 No	0.928 Thermal Discharging
TER073		77 '128004912_/_128004623'		10	10	10	0.928	8.9	10	6 No	0.928 Thermal Discharging
TER073		78 '5507426_/_43725996'	9.8	10	10	10	0.928	8.9	10	6 No	0.928 Thermal Discharging
TER073		79 '516670464_/_516670313_1'	9.8	10	10	10	0.928	1.5	10	6 No	0.928 Thermal Discharging
TER073		80 '128004925_/_128004650'		10	10	10	0.928	8.9	10	6 No	0.928 Thermal Discharging
TER073		81 '49173756_/_8354045_2'	9.2	10	10	10	0.928	5.5	10	6 No	0.928 Thermal Discharging
TER073		82 '5498741_/_5507440'	9.5	10	10	10	0.928	8.9	10	6 No	0.928 Thermal Discharging
TER073		83 '5498742_/_5498739'	9.5	10	10	10	0.928	8.9	10	6 No	0.928 Thermal Discharging
TER073		84 '128004945_/_128004674'		10	10	10	0.928	8.9	10	6 No	0.928 Thermal Discharging
TER073		85 '128004958_/_128004704'		10	10	10	0.928	8.9	10	6 No	0.928 Thermal Discharging
TER073		86 '5499844_/_5499841'	9.2	10	10	10	0.928	8.9	10	6 No	0.928 Thermal Discharging
TER073		87 '516670297_/_516670313_2'	8.4	10	10	10	0.928	1.5	10	6 No	0.928 Thermal Discharging
TER073		88 '5499861_/_5499858'	9.1	10	10	10	0.928	8.9	10	6 No	0.928 Thermal Discharging
TER073		89 '128004971_/_128004730'		10	10	10	0.928	8.9	10	6 No	0.928 Thermal Discharging
TER073		90 '128004762_/_128004759'		10	10	10	0.928	8.9	10	6 No	0.928 Thermal Discharging
TER073		91 '5467520_/_5467951'		10	10	10	0.928	8.9	10	6 No	0.928 Thermal Discharging
TER073		92 '5498563_/_5498560_2'	7.1	10	10	10	0.928	1.8	10	6 No	0.928 Thermal Discharging
TER073		93 '618868495_/_5499875_1'	8.8	10	10	10	0.928	8.9	10	6 No	0.928 Thermal Discharging
TER073		94 '522931917_/_5499875_2'	8.8	10	10	10	0.928	8.9	10	6 No	0.928 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over- Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TER073	95	'5467521_/_139174179'		10	10	10	0.928	8.9	10	6 No	0.928 Thermal Discharging
TER073	96	'5498506_/_5498503'		7.1	10	10	0.928	1.5	10	6 No	0.928 Thermal Discharging
TER073	97	'5499630_/_522931921'		8.6	10	10	0.928	8.9	10	6 No	0.928 Thermal Discharging
TER073	98	'276802215_/_128004304'		10	10	10	0.928	8.9	10	6 No	0.928 Thermal Discharging
TER073	99	'5467954_/_276802224'		10	10	10	0.928	8.9	10	6 No	0.928 Thermal Discharging
TER073	100	'43716538_/_5467760'		10	10	10	0.928	8.9	10	6 No	0.928 Thermal Discharging
TER073	101	'8352578_/_8979651_1'		6.9	10	10	0.928	1.5	10	6 No	0.928 Thermal Discharging
TER073	102	'5499578_/_5499644'		8.4	10	10	0.928	8.9	10	6 No	0.928 Thermal Discharging
TER073	103	'395169863_/_395169860'		6.5	10	10	0.928	1.8	10	6 No	0.928 Thermal Discharging
TER073	104	'395170044_/_395169994_1'		6.4	10	10	0.928	1	10	6 No	0.928 Thermal Discharging
TER073	105	'5499579_/_5499576'		8.2	10	10	0.928	8.9	10	6 No	0.928 Thermal Discharging
TER073	106	'50345980_/_5507566_1'		5.2	6.67	6.67	0.616	1	6.67	4 No	0.616 Thermal Discharging
TER073	107	'395169900_/_395169994_2'		6.4	10	10	0.928	1	10	6 No	0.928 Thermal Discharging
TER073	108	'5467800_/_5467797'		10	10	10	0.928	8.9	10	6 No	0.928 Thermal Discharging
TER073	109	'118354814_/_8977373_1'		10	10	10	0.928	8.9	10	6 No	0.928 Thermal Discharging
TER073	110	'5499699_/_5499696'		8.1	10	10	0.928	8.9	10	6 No	0.928 Thermal Discharging
TER073	111	'276802204_/_5467974_2'		6.53	6.67	6.67	0.616	2.3	6.67	4 No	0.616 Thermal Discharging
TER073	112	'5499715_/_5505782'		8	10	10	0.928	8.9	10	6 No	0.928 Thermal Discharging
TER073	113	'5467484_/_5467974_1'		6.53	6.67	6.67	0.616	1	6.67	4 No	0.616 Thermal Discharging
TER073	114	'359305211_/_43716553'		6.53	6.67	6.67	0.616	1	6.67	4 No	0.616 Thermal Discharging
TER073	115	'5497381_/_5499713'		7.9	10	10	0.928	8.9	10	6 No	0.928 Thermal Discharging
TER073	116	'8354048_/_8354045_1'		6.6	10	10	0.928	1.7	10	6 No	0.928 Thermal Discharging
TER073	117	'8039049_/_395169904'		6	10	10	0.928	1	10	6 No	0.928 Thermal Discharging
TER073	118	'5505744_/_5505819'		7.8	10	10	0.928	8.9	10	6 No	0.928 Thermal Discharging
TER073	119	'43724596_/_5497361'		7.8	10	10	0.928	8.9	10	6 No	0.928 Thermal Discharging
TER073	120	'466925428_/_43724611_2'		7.8	10	10	0.928	8.9	10	6 No	0.928 Thermal Discharging
TER073	121	'43724609_/_43724611_1'		7.8	10	10	0.928	8.9	10	6 No	0.928 Thermal Discharging
TER073	122	'43724635_/_5497395'		7.8	10	10	0.928	8.9	10	6 No	0.928 Thermal Discharging
TER073	123	'5497346_/_5497344_1'		7.8	10	10	0.928	2.3	10	6 No	0.928 Thermal Discharging
TER073	124	'5505623_/_5505638'		7.5	10	10	0.928	7.7	10	6 No	0.928 Thermal Discharging
TER073	125	'8979654_/_8979651_2'		6	10	10	0.928	1.5	10	6 No	0.928 Thermal Discharging
TER073	126	'5499680_/_5507566_2'		4.47	6.67	6.67	0.616	1	6.67	4 No	0.616 Thermal Discharging
TER073	127	'5497277_/_5497344_2'		7.6	10	10	0.928	2.3	10	6 No	0.928 Thermal Discharging
TER073	128	'5497696_/_5497710'		7.6	10	10	0.928	8.9	10	6 No	0.928 Thermal Discharging
TER073	129	'454054919_/_448239249_1'		7.5	10	10	0.928	1.5	10	6 No	0.928 Thermal Discharging
TER073	130	'7716067_/_7716065_1'		7.3	10	10	0.928	1.5	10	6 No	0.928 Thermal Discharging
TER073	131	'43724622_/_5497693'		7.5	10	10	0.928	8.9	10	6 No	0.928 Thermal Discharging
TER073	132	'43724648_/_5497310'		7.5	10	10	0.928	2.3	10	6 No	0.928 Thermal Discharging
TER073	133	'8977375_/_8977373_2'		7.9	10	10	0.928	8.9	10	6 No	0.928 Thermal Discharging
TER073	134	'5467554_/_8977373_3'		7.9	10	10	0.928	8.9	10	6 No	0.928 Thermal Discharging
TER073	135	'5505624_/_5505621'		6.9	10	10	0.928	7.7	10	6 No	0.928 Thermal Discharging
TER073	136	'5497568_/_5497565'		7.4	10	10	0.928	2.3	10	6 No	0.928 Thermal Discharging
TER073	137	'5498620_/_5498617'		5.5	10	10	0.928	1.8	10	6 No	0.928 Thermal Discharging
TER073	138	'5502286_/_5502284'		7.3	10	10	0.928	8.9	10	6 No	0.928 Thermal Discharging
TER073	139	'465502246_/_5467780_1'		7.7	10	10	0.928	8.9	10	6 No	0.928 Thermal Discharging
TER073	140	'5468467_/_5468465'		7.7	10	10	0.928	8.9	10	6 No	0.928 Thermal Discharging
TER073	141	'7402249_/_8979671_1'		5.4	10	10	0.928	1.1	10	6 No	0.928 Thermal Discharging
TER073	142	'64900767_/_5467780_2'		7.7	10	10	0.928	8.9	10	6 No	0.928 Thermal Discharging
TER073	143	'5467555_/_64900761_1'		7.7	10	10	0.928	8.9	10	6 No	0.928 Thermal Discharging
TER073	144	'649040377_/_649040344_1'		7.5	10	10	0.928	0.9	10	6 No	0.9 Element Fault
TER073	145	'5497492_/_5497582'		7.3	10	10	0.928	2.3	10	6 No	0.928 Thermal Discharging
TER073	146	'5502307_/_5502321'		7.3	10	10	0.928	8.9	10	6 No	0.928 Thermal Discharging
TER073	147	'470183238_/_448239249_2'		6.6	10	10	0.928	1.5	10	6 No	0.928 Thermal Discharging
TER073	148	'43724686_/_5497599'		7.2	10	10	0.928	2.3	10	6 No	0.928 Thermal Discharging
TER073	149	'69695916_/_64900761_2'		7.5	10	10	0.928	8.9	10	6 No	0.928 Thermal Discharging
TER073	150	'5467783_/_64900761_3'		7.5	10	10	0.928	8.9	10	6 No	0.928 Thermal Discharging
TER073	151	'43719266_/_43719268'		7.5	10	10	0.928	8.9	10	6 No	0.928 Thermal Discharging
TER073	152	'5497278_/_5497275'		6.5	10	10	0.928	2.3	10	6 No	0.928 Thermal Discharging
TER073	153	'470183308_/_470183340'		6.6	10	10	0.928	1.5	10	6 No	0.928 Thermal Discharging
TER073	154	'43724545_/_5502304'		7.1	10	10	0.928	8.9	10	6 No	0.928 Thermal Discharging
TER073	155	'121191653_/_121191552_1'		7	10	10	0.928	2.3	10	6 No	0.928 Thermal Discharging
TER073	156	'7716068_/_7716065_2'		6.4	10	10	0.928	1.5	10	6 No	0.928 Thermal Discharging
TER073	157	'470183204_/_470183324'		6.5	10	10	0.928	1.5	10	6 No	0.928 Thermal Discharging
TER073	158	'5497619_/_5497616'		7.1	10	10	0.928	2.3	10	6 No	0.928 Thermal Discharging
TER073	159	'8332946_/_649040344_2'		7	10	10	0.928	0.9	10	6 No	0.9 Element Fault
TER073	160	'5467822_/_5467837'		7.4	10	10	0.928	8.9	10	6 No	0.928 Thermal Discharging
TER073	161	'8979674_/_8979671_2'		5.2	10	10	0.928	1.1	10	6 No	0.928 Thermal Discharging
TER073	162	'69695930_/_8332964_1'		2.43	3.33	3.33	0.312	0.5	3.33	2 No	0.312 Thermal Discharging
TER073	163	'7402173_/_470183210'		6.5	10	10	0.928	1.5	10	6 No	0.928 Thermal Discharging
TER073	164	'5497493_/_5497490'		6.7	10	10	0.928	2.3	10	6 No	0.928 Thermal Discharging
TER073	165	'5467823_/_5467854_1'		7.4	10	10	0.928	2.3	10	6 No	0.928 Thermal Discharging
TER073	166	'5497636_/_5497633'		7	10	10	0.928	2.3	10	6 No	0.928 Thermal Discharging
TER073	167	'5468031_/_5468562'		7.2	10	10	0.928	8.9	10	6 No	0.928 Thermal Discharging
TER073	168	'43719255_/_43719255'		7.2	10	10	0.928	8.9	10	6 No	0.928 Thermal Discharging
TER073	169	'7387159_/_7713711_1'		7.2	10	10	0.928	1.5	10	6 No	0.928 Thermal Discharging
TER073	170	'43719363_/_5467911'		7.3	10	10	0.928	8.9	10	6 No	0.928 Thermal Discharging
TER073	171	'5497656_/_5497653'		7	10	10	0.928	2.3	10	6 No	0.928 Thermal Discharging
TER073	172	'89909291_/_5467874'		7.2	10	10	0.928	8.9	10	6 No	0.928 Thermal Discharging
TER073	173	'114696444_/_8657938_1'		7.2	10	10	0.928	8.9	10	6 No	0.928 Thermal Discharging
TER073	174	'145756179_/_5467482'		2.17	3.33	3.33	0.312	0.5	3.33	2 No	0.312 Thermal Discharging
TER073	175	'5499681_/_5499678'		3.8	6.67	6.67	0.616	1	6.67	4 No	0.616 Thermal Discharging
TER073	176	'43724699_/_5505678'		6.9	10	10	0.928	2.3	10	6 No	0.928 Thermal Discharging
TER073	177	'5467934_/_5468008'		7.1	10	10	0.928	8.9	10	6 No	0.928 Thermal Discharging
TER073	178	'37913603_/_8657938_2'		7.1	10	10	0.928	8.9	10	6 No	0.928 Thermal Discharging
TER073	179	'404447779_/_37913607'		7.1	10	10	0.928	8.9	10	6 No	0.928 Thermal Discharging
TER073	180	'37913617_/_37913614'		7.1	10	10	0.928	8.9	10	6 No	0.928 Thermal Discharging
TER073	181	'404447797_/_404447794'		7.1	10	10	0.928	8.9	10	6 No	0.928 Thermal Discharging
TER073	182	'37913638_/_37913642'		7.1	10	10	0.928	8.9	10	6 No	0.928 Thermal Discharging
TER073	183	'43724712_/_43724701'		6.8	10	10	0.928	2.3	10	6 No	0.928 Thermal Discharging
TER073	184	'8657901_/_8657898'		6.9	10	10	0.928	8.9	10	6 No	0.928 Thermal Discharging
TER073	185	'5497510_/_5497507'		6.1	10	10	0.928	2.3	10	6 No	0.928 Thermal Discharging
TER073	186	'43724726_/_43724714'		6.8	10	10	0.928	2.3	10	6 No	0.928 Thermal Discharging
TER073	187	'9290844_/_9605689_1'		2.3	3.33	3.33	0.312	0.5	3.33	2 No	0.312 Thermal Discharging
TER073	188	'7402784_/_121191552_2'		6.1	10	10	0.928	2.3	10	6 No	0.928 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TER073	189	'8332967_/_8332964_2'	2.17		3.33	3.33	0.312	0.5	3.33	2 No	0.312 Thermal Discharging
TER073	190	'7713714_/_7713711_2'	6.5		10	10	0.928	1.5	10	6 No	0.928 Thermal Discharging
TER073	191	'8660098_/_8660095'	5.7		10	10	0.928	1.5	10	6 No	0.928 Thermal Discharging
TER073	192	'5467933_/_5467931'	6.9		10	10	0.928	8.9	10	6 No	0.928 Thermal Discharging
TER073	193	'5505715_/_7402150_1'	6.8		10	10	0.928	1.5	10	6 No	0.928 Thermal Discharging
TER073	194	'569964196_/_569964193'	1.9		3.33	3.33	0.312	0.77	3.33	2 No	0.312 Thermal Discharging
TER073	195	'7402152_/_7402150_2'	6.4		10	10	0.928	1.5	10	6 No	0.928 Thermal Discharging
TER073	196	'468397974_/_468397978'	5.5		10	10	0.928	1.5	10	6 No	0.928 Thermal Discharging
TER073	197	'5467637_/_5467854_2'	6		10	10	0.928	2.3	10	6 No	0.928 Thermal Discharging
TER073	198	'559787870_/_556421196_1'	6		10	10	0.928	0.9	10	6 No	0.9 Element Fault
TER073	199	'5497527_/_43724676'	3.8		6.67	6.67	0.616	1.53	6.67	4 No	0.616 Thermal Discharging
TER073	200	'468397940_/_468398003'	5.3		10	10	0.928	1.5	10	6 No	0.928 Thermal Discharging
TER073	201	'5497297_/_5505603'	3.6		6.67	6.67	0.616	1.53	6.67	4 No	0.616 Thermal Discharging
TER073	202	'468397806_/_468397956'	5.2		10	10	0.928	1.5	10	6 No	0.928 Thermal Discharging
TER073	203	'5497547_/_5505661'	5.1		10	10	0.928	2.3	10	6 No	0.928 Thermal Discharging
TER073	204	'8352537_/_640548460_1'	5.1		10	10	0.928	0.9	10	6 No	0.9 Element Fault
TER073	205	'7402765_/_121191785'	5.1		10	10	0.928	2.3	10	6 No	0.928 Thermal Discharging
TER073	206	'5467638_/_5467635'	5.1		10	10	0.928	2.3	10	6 No	0.928 Thermal Discharging
TER073	207	'569964211_/_569964208'	1.63		3.33	3.33	0.312	0.77	3.33	2 No	0.312 Thermal Discharging
TER073	208	'8117980_/_8117978_1'	5.1		10	10	0.928	0.9	10	6 No	0.9 Element Fault
TER073	209	'9605692_/_9605689_2'	1.7		3.33	3.33	0.312	0.5	3.33	2 No	0.312 Thermal Discharging
TER073	210	'7716708_/_121191813'	4.7		10	10	0.928	2.3	10	6 No	0.928 Thermal Discharging
TER073	211	'8352557_/_8352555'	4.6		10	10	0.928	1.5	10	6 No	0.928 Thermal Discharging
TER073	212	'5497548_/_5497545'	4.7		10	10	0.928	2.3	10	6 No	0.928 Thermal Discharging
TER073	213	'8352538_/_640548460_2'	4.7		10	10	0.928	0.9	10	6 No	0.9 Element Fault
TER073	214	'420066720_/_420066739'	1.67		3.33	3.33	0.312	0.5	3.33	2 No	0.312 Thermal Discharging
TER073	215	'472747516_/_640548449'	4.6		10	10	0.928	0.9	10	6 No	0.9 Element Fault
TER073	216	'5467691_/_5467688'	4.8		10	10	0.928	2.3	10	6 No	0.928 Thermal Discharging
TER073	217	'569964231_/_569964229'	1.53		3.33	3.33	0.312	0.77	3.33	2 No	0.312 Thermal Discharging
TER073	218	'69695974_/_8658018_1'	4.8		10	10	0.928	1.5	10	6 No	0.928 Thermal Discharging
TER073	219	'5506831_/_5506828'	3		6.67	6.67	0.616	1.53	6.67	4 No	0.616 Thermal Discharging
TER073	220	'8117981_/_8117978_2'	4.7		10	10	0.928	0.9	10	6 No	0.9 Element Fault
TER073	221	'8660137_/_640548438'	4.5		10	10	0.928	0.9	10	6 No	0.9 Element Fault
TER073	222	'641090149_/_641090146'	2.93		6.67	6.67	0.616	1.53	6.67	4 No	0.616 Thermal Discharging
TER073	223	'8658021_/_8658018_2'	4.5		10	10	0.928	1.5	10	6 No	0.928 Thermal Discharging
TER073	224	'5497298_/_5497295'	2.87		6.67	6.67	0.616	1.53	6.67	4 No	0.616 Thermal Discharging
TER073	225	'569964255_/_569964252'	1.47		3.33	3.33	0.312	0.77	3.33	2 No	0.312 Thermal Discharging
TER073	226	'640548650_/_640548427'	4.3		10	10	0.928	0.9	10	6 No	0.9 Element Fault
TER073	227	'5469771_/_5469802'	3		6.67	6.67	0.616	1.53	6.67	4 No	0.616 Thermal Discharging
TER073	228	'9607636_/_640548793'	3.4		10	10	0.928	0.9	10	6 No	0.9 Element Fault
TER073	229	'5506846_/_5506843'	2.67		6.67	6.67	0.616	1.53	6.67	4 No	0.616 Thermal Discharging
TER073	230	'5469753_/_5469769'	2.73		6.67	6.67	0.616	1.53	6.67	4 No	0.616 Thermal Discharging
TER073	231	'7401865_/_9293105'	3.7		10	10	0.928	1.5	10	6 No	0.928 Thermal Discharging
TER073	232	'7403376_/_121191832'	3.6		10	10	0.928	2.3	10	6 No	0.928 Thermal Discharging
TER073	233	'43720073_/_5469751'	2.47		6.67	6.67	0.616	1.53	6.67	4 No	0.616 Thermal Discharging
TER073	234	'7403377_/_121191847'	3.5		10	10	0.928	2.3	10	6 No	0.928 Thermal Discharging
TER073	235	'43718513_/_43720075'	2.27		6.67	6.67	0.616	1.53	6.67	4 No	0.616 Thermal Discharging
TER073	236	'8660138_/_640548764'	1.23		3.33	3.33	0.312	0.3	3.33	2 No	0.3 Element Fault
TER073	237	'640548789_/_640548839'	1.13		3.33	3.33	0.312	0.3	3.33	2 No	0.3 Element Fault
TER073	238	'5467620_/_43718515'	2		6.67	6.67	0.616	1.53	6.67	4 No	0.616 Thermal Discharging
TER073	239	'5467571_/_5467658'	1.8		6.67	6.67	0.616	1.53	6.67	4 No	0.616 Thermal Discharging
TER073	240	'5467572_/_5467569'	1.67		6.67	6.67	0.616	1.53	6.67	4 No	0.616 Thermal Discharging
TER073	241	'5467587_/_5467584'	1.53		6.67	6.67	0.616	1.53	6.67	4 No	0.616 Thermal Discharging
TER073	242	'43718525_/_5467599'	1.33		6.67	6.67	0.616	1.53	6.67	4 No	0.616 Thermal Discharging
TER073	243	'5467602_/_43718527'	1.27		6.67	6.67	0.616	1.53	6.67	4 No	0.616 Thermal Discharging
TER074	0	'TER074_/_9646547'	10		10	10	0.128	10	10	6.36 No	0.128 Thermal Discharging
TER074	1	'8700180_/_9646547'	10		10	10	0.128	10	10	6.36 No	0.128 Thermal Discharging
TER074	2	'7440908_/_8700178'	10		10	10	0.128	10	10	6.36 No	0.128 Thermal Discharging
TER074	3	'7440909_/_7440906'	10		10	10	0.128	10	10	6.36 No	0.128 Thermal Discharging
TER074	4	'9295475_/_9295472'	10		10	10	0.128	10	10	6.36 No	0.128 Thermal Discharging
TER074	5	'8390150_/_9646787'	10		10	10	0.128	10	10	6.36 No	0.128 Thermal Discharging
TER074	6	'7754452_/_8390148'	10		10	10	0.128	10	10	6.36 No	0.128 Thermal Discharging
TER074	7	'7754212_/_9646827'	10		10	10	0.128	10	10	6.36 No	0.128 Thermal Discharging
TER074	8	'7478195_/_7754209'	10		10	10	0.128	10	10	6.36 No	0.128 Thermal Discharging
TER074	9	'7478194_/_7478192'	10		10	10	0.128	10	10	6.36 No	0.128 Thermal Discharging
TER074	10	'7718049_/_8662331'	10		10	10	0.128	10	10	6.36 No	0.128 Thermal Discharging
TER074	11	'7718048_/_7718046'	10		10	10	0.128	10	10	6.36 No	0.128 Thermal Discharging
TER074	12	'8980383_/_8980381'	10		10	10	0.128	10	10	6.36 No	0.128 Thermal Discharging
TER074	13	'8660630_/_9608381'	10		10	10	0.128	10	10	6.36 No	0.128 Thermal Discharging
TER074	14	'8660629_/_8660627'	10		10	10	0.128	10	10	6.36 No	0.128 Thermal Discharging
TER074	15	'8352994_/_8660647'	10		10	10	0.128	10	10	6.36 No	0.128 Thermal Discharging
TER074	16	'7402629_/_8352991'	10		10	10	0.128	10	10	6.36 No	0.128 Thermal Discharging
TER074	17	'7402628_/_7402626'	10		10	10	0.128	10	10	6.36 No	0.128 Thermal Discharging
TER074	18	'8039368_/_9296552'	10		10	10	0.128	10	10	6.36 No	0.128 Thermal Discharging
TER074	19	'8039369_/_8039366'	10		10	10	0.128	10	10	6.36 No	0.128 Thermal Discharging
TER074	20	'8027794_/_8352971'	10		10	10	0.128	10	10	6.36 No	0.128 Thermal Discharging
TER074	21	'7716508_/_8027791'	10		10	10	0.128	10	10	6.36 No	0.128 Thermal Discharging
TER074	22	'7402549_/_7716505'	10		10	10	0.128	10	10	6.36 No	0.128 Thermal Discharging
TER074	23	'7402548_/_7402546'	10		10	10	0.128	10	10	6.36 No	0.128 Thermal Discharging
TER074	24	'8353349_/_8660587'	10		10	10	0.128	10	10	6.36 No	0.128 Thermal Discharging
TER074	25	'8352773_/_8980501'	10		10	10	0.128	10	10	6.36 No	0.128 Thermal Discharging
TER074	26	'8352774_/_8352771'	10		10	10	0.128	10	10	6.36 No	0.128 Thermal Discharging
TER074	27	'8660269_/_8660287'	10		10	10	0.128	10	10	6.36 No	0.128 Thermal Discharging
TER074	28	'8660270_/_8660267'	10		10	10	0.128	10	10	6.36 No	0.128 Thermal Discharging
TER074	29	'8979814_/_8979831'	10		10	10	0.128	10	10	6.36 No	0.128 Thermal Discharging
TER074	30	'8979813_/_8979811'	10		10	10	0.128	10	10	6.36 No	0.128 Thermal Discharging
TER074	31	'450503332_/_450503374'	10		10	10	0.128	10	10	6.36 No	0.128 Thermal Discharging
TER074	32	'443218719_/_400058398'	7.6		10	10	0.128	10	10	6.36 No	0.128 Thermal Discharging
TER074	33	'443218663_/_443218713'	6.9		10	10	0.128	10	10	6.36 No	0.128 Thermal Discharging
TER074	34	'443218639_/_443218657'	6.1		10	10	0.128	10	10	6.36 No	0.128 Thermal Discharging
TER074	35	'443218613_/_443218633'	5.5		10	10	0.128	10	10	6.36 No	0.128 Thermal Discharging
TER074	36	'7717635_/_443218607'	5.2		10	10	0.128	10	10	6.36 No	0.128 Thermal Discharging
TER074	37	'7717636_/_7717633'	4.9		10	10	0.128	10	10	6.36 No	0.128 Thermal Discharging
TER074	38	'7404015_/_8354245'	4.8		10	10	0.128	10	10	6.36 No	0.128 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over- Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TER074	39	'7404014_/7404012'		4.7	10	10	0.128	10	10	6.36 No	0.128 Thermal Discharging
TER074	40	'8354268_/8354265'		4.3	10	10	0.128	10	10	6.36 No	0.128 Thermal Discharging
TER074	41	'8661706_/8661703'		4	10	10	0.128	10	10	6.36 No	0.128 Thermal Discharging
TER074	42	'9590170_/9608421'		3.8	10	10	0.128	10	10	6.36 No	0.128 Thermal Discharging
TER074	43	'8661866_/9590167'		3.7	10	10	0.128	10	10	6.36 No	0.128 Thermal Discharging
TER074	44	'8354467_/8661863'		3.6	10	10	0.128	10	10	6.36 No	0.128 Thermal Discharging
TER074	45	'8110736_/8354465'		3.4	10	10	0.128	10	10	6.36 No	0.128 Thermal Discharging
TER074	46	'8110737_/8110734'		3.1	10	10	0.128	10	10	6.36 No	0.128 Thermal Discharging
TER074	47	'9035805_/9663570'		2.9	10	10	0.128	10	10	6.36 No	0.128 Thermal Discharging
TER074	48	'8716000_/9035803'		2.8	10	10	0.128	10	10	6.36 No	0.128 Thermal Discharging
TER074	49	'8716001_/8715998'		2.7	10	10	0.128	10	10	6.36 No	0.128 Thermal Discharging
TER074	50	'8716021_/8716018'		2.7	10	10	0.128	10	10	6.36 No	0.128 Thermal Discharging
TER074	51	'8716041_/8716038'		2.6	10	10	0.128	10	10	6.36 No	0.128 Thermal Discharging
TER074	52	'9035786_/9035783'		2.6	10	10	0.128	10	10	6.36 No	0.128 Thermal Discharging
TER075	0	'TER075_/7754329'		10	10	10	1.176	10	10	4.08 No	1.176 Thermal Discharging
TER075	1	'6261381_/7754329'		10	10	10	1.176	10	10	4.08 No	1.176 Thermal Discharging
TER075	2	'6261364_/6261378'		10	10	10	1.176	10	10	4.08 No	1.176 Thermal Discharging
TER075	3	'6261057_/6261361'		10	10	10	1.176	10	10	4.08 No	1.176 Thermal Discharging
TER075	4	'6261807_/6261787'		10	10	10	1.176	10	10	4.08 No	1.176 Thermal Discharging
TER075	5	'6259644_/6261054'		10	10	10	1.176	10	10	4.08 No	1.176 Thermal Discharging
TER075	6	'6261090_/6261821'		10	10	10	1.176	10	10	4.08 No	1.176 Thermal Discharging
TER075	7	'6257101_/6259641'		10	10	10	1.176	10	10	4.08 No	1.176 Thermal Discharging
TER075	8	'6255500_/6257098'		10	10	10	1.176	10	10	4.08 No	1.176 Thermal Discharging
TER075	9	'43877925_/6255635'		10	10	10	1.176	10	10	4.08 No	1.176 Thermal Discharging
TER075	10	'6255482_/6255480_1'		10	10	10	1.176	10	10	4.08 No	1.176 Thermal Discharging
TER075	11	'7797959_/6255480_2'		10	10	10	1.176	10	10	4.08 No	1.176 Thermal Discharging
TER075	12	'6255499_/6255497'		10	10	10	1.176	10	10	4.08 No	1.176 Thermal Discharging
TER075	13	'7797960_/7797975_1'		10	10	10	1.176	1.6	10	4.08 No	1.176 Thermal Discharging
TER075	14	'6255407_/44061101'		10	10	10	1.176	10	10	4.08 No	1.176 Thermal Discharging
TER075	15	'6254445_/6255514'		10	10	10	1.176	10	10	4.08 No	1.176 Thermal Discharging
TER075	16	'43877867_/6255463'		10	10	10	1.176	10	10	4.08 No	1.176 Thermal Discharging
TER075	17	'6255423_/6252999_1'	3.33		3.33	3.33	0.392	0.5	3.33	1.36 No	0.392 Thermal Discharging
TER075	18	'6253363_/6253360'	10		10	10	1.176	10	10	4.08 No	1.176 Thermal Discharging
TER075	19	'6254444_/6254442'	10		10	10	1.176	10	10	4.08 No	1.176 Thermal Discharging
TER075	20	'6253070_/6253377'	10		10	10	1.176	10	10	4.08 No	1.176 Thermal Discharging
TER075	21	'6253001_/6252999_2'	3.33		3.33	3.33	0.392	0.5	3.33	1.36 No	0.392 Thermal Discharging
TER075	22	'6253397_/6253394'	10		10	10	1.176	10	10	4.08 No	1.176 Thermal Discharging
TER075	23	'6225733_/7107319'	10		10	10	1.176	10	10	4.08 No	1.176 Thermal Discharging
TER075	24	'6253414_/6253411'	10		10	10	1.176	10	10	4.08 No	1.176 Thermal Discharging
TER075	25	'395245698_/43878008_1'	3.33		3.33	3.33	0.392	0.3	3.33	1.36 No	0.3 Element Fault
TER075	26	'6253057_/6252960_1'	3.33		3.33	3.33	0.392	0.3	3.33	1.36 No	0.3 Element Fault
TER075	27	'6225675_/6225730'	10		10	10	1.176	10	10	4.08 No	1.176 Thermal Discharging
TER075	28	'6253494_/6253491'	10		10	10	1.176	10	10	4.08 No	1.176 Thermal Discharging
TER075	29	'7797978_/7797975_2'	10		10	10	1.176	1.6	10	4.08 No	1.176 Thermal Discharging
TER075	30	'43880210_/6260237'	10		10	10	1.176	10	10	4.08 No	1.176 Thermal Discharging
TER075	31	'6253684_/6253698'	10		10	10	1.176	10	10	4.08 No	1.176 Thermal Discharging
TER075	32	'6260240_/6260377_2'	10		10	10	1.176	10	10	4.08 No	1.176 Thermal Discharging
TER075	33	'6260362_/6260377_1'	10		10	10	1.176	10	10	4.08 No	1.176 Thermal Discharging
TER075	34	'43873375_/6225747'	10		10	10	1.176	10	10	4.08 No	1.176 Thermal Discharging
TER075	35	'6253683_/6253681'	10		10	10	1.176	10	10	4.08 No	1.176 Thermal Discharging
TER075	36	'6260342_/6260360'	10		10	10	1.176	10	10	4.08 No	1.176 Thermal Discharging
TER075	37	'43877880_/6252999_3'	3.33		3.33	3.33	0.392	0.5	3.33	1.36 No	0.392 Thermal Discharging
TER075	38	'6224368_/6224366'	10		10	10	1.176	10	10	4.08 No	1.176 Thermal Discharging
TER075	39	'43879441_/43879443'	10		10	10	1.176	10	10	4.08 No	1.176 Thermal Discharging
TER075	40	'6225783_/6225781'	10		10	10	1.176	10	10	4.08 No	1.176 Thermal Discharging
TER075	41	'43878039_/6260340'	10		10	10	1.176	10	10	4.08 No	1.176 Thermal Discharging
TER075	42	'6252989_/6255437'	3.33		3.33	3.33	0.392	0.5	3.33	1.36 No	0.392 Thermal Discharging
TER075	43	'6255002_/6255019'	10		10	10	1.176	10	10	4.08 No	1.176 Thermal Discharging
TER075	44	'6253624_/6253621'	10		10	10	1.176	10	10	4.08 No	1.176 Thermal Discharging
TER075	45	'6224349_/6224346_2'	10		10	10	1.176	4.9	10	4.08 No	1.176 Thermal Discharging
TER075	46	'6253581_/43878008_2'	3.33		3.33	3.33	0.392	0.3	3.33	1.36 No	0.3 Element Fault
TER075	47	'6254742_/6254999'	10		10	10	1.176	10	10	4.08 No	1.176 Thermal Discharging
TER075	48	'6253239_/6253638'	10		10	10	1.176	10	10	4.08 No	1.176 Thermal Discharging
TER075	49	'401454083_/401454028'	10		10	10	1.176	1.6	10	4.08 No	1.176 Thermal Discharging
TER075	50	'6225766_/6225815'	10		10	10	1.176	5.6	10	4.08 No	1.176 Thermal Discharging
TER075	51	'6253253_/6253278_1'	6.67		6.67	6.67	0.784	1	6.67	2.72 No	0.784 Thermal Discharging
TER075	52	'43877949_/6253428'	10		10	10	1.176	10	10	4.08 No	1.176 Thermal Discharging
TER075	53	'43877903_/6252960_2'	3.33		3.33	3.33	0.392	0.3	3.33	1.36 No	0.3 Element Fault
TER075	54	'6254968_/6254966_1'	6.67		6.67	6.67	0.784	1	6.67	2.72 No	0.784 Thermal Discharging
TER075	55	'9019064_/406194972_2'	10		10	10	1.176	5.6	10	4.08 No	1.176 Thermal Discharging
TER075	56	'6224918_/6224915_2'	3.33		3.33	3.33	0.392	1.1	3.33	1.36 No	0.392 Thermal Discharging
TER075	57	'49158977_/6253237_1'	3.33		3.33	3.33	0.392	0.5	3.33	1.36 No	0.392 Thermal Discharging
TER075	58	'6253451_/43877951'	10		10	10	1.176	10	10	4.08 No	1.176 Thermal Discharging
TER075	59	'6252988_/6252986'	3.2		3.33	3.33	0.392	0.5	3.33	1.36 No	0.392 Thermal Discharging
TER075	60	'43873366_/6225764'	10		10	10	1.176	5.2	10	4.08 No	1.176 Thermal Discharging
TER075	61	'6254743_/6254740_1'	10		10	10	1.176	2.6	10	4.08 No	1.176 Thermal Discharging
TER075	62	'43879454_/6254740_2'	10		10	10	1.176	2.6	10	4.08 No	1.176 Thermal Discharging
TER075	63	'43878283_/6254214'	10		10	10	1.176	10	10	4.08 No	1.176 Thermal Discharging
TER075	64	'6253138_/6253237_2'	3.33		3.33	3.33	0.392	0.5	3.33	1.36 No	0.392 Thermal Discharging
TER075	65	'6254056_/6254053'	10		10	10	1.176	10	10	4.08 No	1.176 Thermal Discharging
TER075	66	'6225767_/43873368'	10		10	10	1.176	5.2	10	4.08 No	1.176 Thermal Discharging
TER075	67	'6254114_/6254138'	10		10	10	1.176	10	10	4.08 No	1.176 Thermal Discharging
TER075	68	'43877914_/43877905'	2.73		3.33	3.33	0.392	0.3	3.33	1.36 No	0.3 Element Fault
TER075	69	'6253281_/6253278_2'	5.93		6.67	6.67	0.784	1	6.67	2.72 No	0.784 Thermal Discharging
TER075	70	'6252916_/6254155'	9.9		10	10	1.176	10	10	4.08 No	1.176 Thermal Discharging
TER075	71	'6253015_/6253012'	2.6		3.33	3.33	0.392	0.5	3.33	1.36 No	0.392 Thermal Discharging
TER075	72	'49158995_/6254125_2'	3.33		3.33	3.33	0.392	1.1	3.33	1.36 No	0.392 Thermal Discharging
TER075	73	'6252917_/6252914'	9.3		10	10	1.176	10	10	4.08 No	1.176 Thermal Discharging
TER075	74	'6254763_/43879456'	8.9		10	10	1.176	2.6	10	4.08 No	1.176 Thermal Discharging
TER075	75	'43873656_/6224915_1'	3.3		3.33	3.33	0.392	0.5	3.33	1.36 No	0.392 Thermal Discharging
TER075	76	'6257234_/6257231'	9		10	10	1.176	10	10	4.08 No	1.176 Thermal Discharging
TER075	77	'6253137_/6253135'	2.7		3.33	3.33	0.392	0.5	3.33	1.36 No	0.392 Thermal Discharging
TER075	78	'6254516_/6254966_2'	6.4		6.67	6.67	0.784	1	6.67	2.72 No	0.784 Thermal Discharging
TER075	79	'6224312_/6224346_1'	9.9		10	10	1.176	1.7	10	4.08 No	1.176 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over- Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TER075	80	'49233842_/_7753345_1'		9.9	10	10	1.176	1	10	4.08 No	1 Element Fault
TER075	81	'43879693_/_6257274'		8.8	10	10	1.176	10	10	4.08 No	1.176 Thermal Discharging
TER075	82	'6257311_/_43879695'		8.6	10	10	1.176	10	10	4.08 No	1.176 Thermal Discharging
TER075	83	'6257183_/_6257325'		8.3	10	10	1.176	10	10	4.08 No	1.176 Thermal Discharging
TER075	84	'7753348_/_7753345_2'		9.9	10	10	1.176	1	10	4.08 No	1 Element Fault
TER075	85	'6257168_/_6257181'		8.1	10	10	1.176	10	10	4.08 No	1.176 Thermal Discharging
TER075	86	'6253582_/_6253579'		2.3	3.33	3.33	0.392	0.3	3.33	1.36 No	0.3 Element Fault
TER075	87	'6253299_/_6253296'		4.73	6.67	6.67	0.784	1	6.67	2.72 No	0.784 Thermal Discharging
TER075	88	'9055342_/_9645517'		10	10	10	1.176	5.2	10	4.08 No	1.176 Thermal Discharging
TER075	89	'49159009_/_6257152_2'		2.73	3.33	3.33	0.392	1.6	3.33	1.36 No	0.392 Thermal Discharging
TER075	90	'9055341_/_9055339'		10	10	10	1.176	5.2	10	4.08 No	1.176 Thermal Discharging
TER075	91	'6254127_/_6254125_1'		2.8	3.33	3.33	0.392	0.5	3.33	1.36 No	0.392 Thermal Discharging
TER075	92	'8748095_/_401454052'		6.3	10	10	1.176	1.6	10	4.08 No	1.176 Thermal Discharging
TER075	93	'6254783_/_6254780'		7.2	10	10	1.176	2.6	10	4.08 No	1.176 Thermal Discharging
TER075	94	'6252949_/_6252947'		2.07	3.33	3.33	0.392	0.3	3.33	1.36 No	0.3 Element Fault
TER075	95	'70129143_/_6224873_1'		2.4	3.33	3.33	0.392	0.5	3.33	1.36 No	0.392 Thermal Discharging
TER075	96	'6254501_/_6254513'		4.93	6.67	6.67	0.784	1	6.67	2.72 No	0.784 Thermal Discharging
TER075	97	'6257155_/_6257152_1'		2.5	3.33	3.33	0.392	0.5	3.33	1.36 No	0.392 Thermal Discharging
TER075	98	'6224768_/_6224843'		2.33	3.33	3.33	0.392	0.5	3.33	1.36 No	0.392 Thermal Discharging
TER075	99	'6224876_/_6224873_2'		2.4	3.33	3.33	0.392	0.5	3.33	1.36 No	0.392 Thermal Discharging
TER075	100	'6224311_/_6224309'		7.2	10	10	1.176	1.7	10	4.08 No	1.176 Thermal Discharging
TER075	101	'6254800_/_6254797'		6.5	10	10	1.176	2.6	10	4.08 No	1.176 Thermal Discharging
TER075	102	'6260560_/_6260557'		2.37	3.33	3.33	0.392	0.5	3.33	1.36 No	0.392 Thermal Discharging
TER075	103	'6257250_/_6257261'		2.33	3.33	3.33	0.392	0.5	3.33	1.36 No	0.392 Thermal Discharging
TER075	104	'37913575_/_9605649'		7.6	10	10	1.176	5.2	10	4.08 No	1.176 Thermal Discharging
TER075	105	'404447656_/_37913572'		7.6	10	10	1.176	5.2	10	4.08 No	1.176 Thermal Discharging
TER075	106	'37913561_/_37913565'		7.6	10	10	1.176	4.9	10	4.08 No	1.176 Thermal Discharging
TER075	107	'37913539_/_37913537'		7.6	10	10	1.176	4.9	10	4.08 No	1.176 Thermal Discharging
TER075	108	'37913547_/_37913544'		7.6	10	10	1.176	5.2	10	4.08 No	1.176 Thermal Discharging
TER075	109	'6224794_/_6224873_3'		2.43	3.33	3.33	0.392	0.5	3.33	1.36 No	0.392 Thermal Discharging
TER075	110	'427936452_/_406194972_1'		7	10	10	1.176	3.6	10	4.08 No	1.176 Thermal Discharging
TER075	111	'43878017_/_6253595'		1.8	3.33	3.33	0.392	0.3	3.33	1.36 No	0.3 Element Fault
TER075	112	'6253314_/_6253342'		3.67	6.67	6.67	0.784	1	6.67	2.72 No	0.784 Thermal Discharging
TER075	113	'6254486_/_6254498'		4.2	6.67	6.67	0.784	1	6.67	2.72 No	0.784 Thermal Discharging
TER075	114	'462838699_/_6253478_1'		1.83	3.33	3.33	0.392	0.3	3.33	1.36 No	0.3 Element Fault
TER075	115	'393335621_/_393335469_1'		2.1	3.33	3.33	0.392	0.3	3.33	1.36 No	0.3 Element Fault
TER075	116	'43880245_/_43880247'		1.83	3.33	3.33	0.392	0.5	3.33	1.36 No	0.392 Thermal Discharging
TER075	117	'6224931_/_6224945'		6.3	10	10	1.176	1.7	10	4.08 No	1.176 Thermal Discharging
TER075	118	'6254820_/_6254817'		6	10	10	1.176	2.6	10	4.08 No	1.176 Thermal Discharging
TER075	119	'393335649_/_7107129_2'		4.07	6.67	6.67	0.784	1	6.67	2.72 No	0.784 Thermal Discharging
TER075	120	'393335578_/_6254483_2'		4.07	6.67	6.67	0.784	1	6.67	2.72 No	0.784 Thermal Discharging
TER075	121	'6257220_/_6257248'		2.13	3.33	3.33	0.392	0.5	3.33	1.36 No	0.392 Thermal Discharging
TER075	122	'37913526_/_9605629'		6.6	10	10	1.176	4.9	10	4.08 No	1.176 Thermal Discharging
TER075	123	'37913505_/_481023313'		6.6	10	10	1.176	4.9	10	4.08 No	1.176 Thermal Discharging
TER075	124	'481023338_/_481023335'		6.6	10	10	1.176	4.9	10	4.08 No	1.176 Thermal Discharging
TER075	125	'37913512_/_481023329'		6.6	10	10	1.176	4.9	10	4.08 No	1.176 Thermal Discharging
TER075	126	'37913498_/_481023321'		6.6	10	10	1.176	4.9	10	4.08 No	1.176 Thermal Discharging
TER075	127	'43879430_/_7107207'		2.03	3.33	3.33	0.392	0.5	3.33	1.36 No	0.392 Thermal Discharging
TER075	128	'6224755_/_6224765'		1.9	3.33	3.33	0.392	0.5	3.33	1.36 No	0.392 Thermal Discharging
TER075	129	'409368671_/_8748092'		4.8	10	10	1.176	1.6	10	4.08 No	1.176 Thermal Discharging
TER075	130	'6253267_/_6253265'		1.67	3.33	3.33	0.392	0.5	3.33	1.36 No	0.392 Thermal Discharging
TER075	131	'6224471_/_7107129_1'		3.6	6.67	6.67	0.784	0.6	6.67	2.72 No	0.6 Element Fault
TER075	132	'6260573_/_6260570'		1.83	3.33	3.33	0.392	0.5	3.33	1.36 No	0.392 Thermal Discharging
TER075	133	'6253467_/_6253478_2'		1.63	3.33	3.33	0.392	0.3	3.33	1.36 No	0.3 Element Fault
TER075	134	'393335472_/_393335469_2'		1.83	3.33	3.33	0.392	0.3	3.33	1.36 No	0.3 Element Fault
TER075	135	'6224781_/_6224791'		1.87	3.33	3.33	0.392	0.5	3.33	1.36 No	0.392 Thermal Discharging
TER075	136	'8142770_/_8142767'		4.6	10	10	1.176	1.6	10	4.08 No	1.176 Thermal Discharging
TER075	137	'7387083_/_73869731'		5.7	10	10	1.176	4.9	10	4.08 No	1.176 Thermal Discharging
TER075	138	'8657820_/_8657818'		5.6	10	10	1.176	4.9	10	4.08 No	1.176 Thermal Discharging
TER075	139	'6260466_/_6260476'		1.6	3.33	3.33	0.392	0.5	3.33	1.36 No	0.392 Thermal Discharging
TER075	140	'6252839_/_6257218'		1.8	3.33	3.33	0.392	0.5	3.33	1.36 No	0.392 Thermal Discharging
TER075	141	'73869754_/_73869751'		5.6	10	10	1.176	4.9	10	4.08 No	1.176 Thermal Discharging
TER075	142	'6254837_/_6254834'		5.1	10	10	1.176	2.6	10	4.08 No	1.176 Thermal Discharging
TER075	143	'6224930_/_6224928'		5.1	10	10	1.176	1.7	10	4.08 No	1.176 Thermal Discharging
TER075	144	'6253598_/_43878019'		1.5	3.33	3.33	0.392	0.3	3.33	1.36 No	0.3 Element Fault
TER075	145	'6254465_/_6254483_1'		3.27	6.67	6.67	0.784	0.6	6.67	2.72 No	0.6 Element Fault
TER075	146	'6253176_/_6253324'		3.07	6.67	6.67	0.784	1	6.67	2.72 No	0.784 Thermal Discharging
TER075	147	'6254916_/_6254914_2'		1.7	3.33	3.33	0.392	0.87	3.33	1.36 No	0.392 Thermal Discharging
TER075	148	'544377097_/_7478072'		5.3	10	10	1.176	5.2	10	4.08 No	1.176 Thermal Discharging
TER075	149	'404447355_/_37913761'		5.3	10	10	1.176	5.2	10	4.08 No	1.176 Thermal Discharging
TER075	150	'544377093_/_37913754'		5.3	10	10	1.176	3.3	10	4.08 No	1.176 Thermal Discharging
TER075	151	'544377105_/_37913789'		5.3	10	10	1.176	4.9	10	4.08 No	1.176 Thermal Discharging
TER075	152	'43873353_/_43873355'		4.8	10	10	1.176	1.7	10	4.08 No	1.176 Thermal Discharging
TER075	153	'6252784_/_6252836'		1.63	3.33	3.33	0.392	0.5	3.33	1.36 No	0.392 Thermal Discharging
TER075	154	'6224889_/_6254914_1'		1.7	3.33	3.33	0.392	0.5	3.33	1.36 No	0.392 Thermal Discharging
TER075	155	'6224964_/_6224962'		4.8	10	10	1.176	1.7	10	4.08 No	1.176 Thermal Discharging
TER075	156	'43873645_/_6224752'		1.53	3.33	3.33	0.392	0.5	3.33	1.36 No	0.392 Thermal Discharging
TER075	157	'43880283_/_6261864'		1.57	3.33	3.33	0.392	0.5	3.33	1.36 No	0.392 Thermal Discharging
TER075	158	'6254854_/_6254851'		4.6	10	10	1.176	2.6	10	4.08 No	1.176 Thermal Discharging
TER075	159	'8389271_/_9332400_1'		4.6	10	10	1.176	1	10	4.08 No	1 Element Fault
TER075	160	'6224888_/_6224886'		1.63	3.33	3.33	0.392	0.5	3.33	1.36 No	0.392 Thermal Discharging
TER075	161	'6254891_/_6254888'		1.6	3.33	3.33	0.392	0.5	3.33	1.36 No	0.392 Thermal Discharging
TER075	162	'6253657_/_6253655'		1.43	3.33	3.33	0.392	0.5	3.33	1.36 No	0.392 Thermal Discharging
TER075	163	'6260465_/_6260463'		1.43	3.33	3.33	0.392	0.5	3.33	1.36 No	0.392 Thermal Discharging
TER075	164	'6254464_/_6254462'		2.93	6.67	6.67	0.784	0.6	6.67	2.72 No	0.6 Element Fault
TER075	165	'6253468_/_6253465'		1.4	3.33	3.33	0.392	0.3	3.33	1.36 No	0.3 Element Fault
TER075	166	'44404669_/_9332400_2'		4.4	10	10	1.176	1	10	4.08 No	1 Element Fault
TER075	167	'6253177_/_6253174'		2.8	6.67	6.67	0.784	1	6.67	2.72 No	0.784 Thermal Discharging
TER075	168	'7716147_/_8738102'		4.7	10	10	1.176	4.9	10	4.08 No	1.176 Thermal Discharging
TER075	169	'8039969_/_8738142'		4.8	10	10	1.176	4.9	10	4.08 No	1.176 Thermal Discharging
TER075	170	'37913848_/_8977413'		4.7	10	10	1.176	3.3	10	4.08 No	1.176 Thermal Discharging
TER075	171	'592750507_/_6479543471'		4.7	10	10	1.176	3.3	10	4.08 No	1.176 Thermal Discharging
TER075	172	'37913841_/_592750477'		4.7	10	10	1.176	3.3	10	4.08 No	1.176 Thermal Discharging
TER075	173	'592750503_/_592750471'		4.7	10	10	1.176	3.3	10	4.08 No	1.176 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TER075	174	'592750468_/_592750465'		4.7	10	10	1.176	3.3	10	4.08 No	1.176 Thermal Discharging
TER075	175	'37913805_/_6479543522'		4.7	10	10	1.176	3.3	10	4.08 No	1.176 Thermal Discharging
TER075	176	'37913834_/_Section_6479543440'		1.57	3.33	3.33	0.392	1.1	3.33	1.36 No	0.392 Thermal Discharging
TER075	177	'6252797_/_6252794'		1.47	3.33	3.33	0.392	0.5	3.33	1.36 No	0.392 Thermal Discharging
TER075	178	'7716148_/_7716145'		4.7	10	10	1.176	4.9	10	4.08 No	1.176 Thermal Discharging
TER075	179	'6261841_/_6261851'		1.43	3.33	3.33	0.392	0.5	3.33	1.36 No	0.392 Thermal Discharging
TER075	180	'492380026_/_8660211'		4.7	10	10	1.176	4.9	10	4.08 No	1.176 Thermal Discharging
TER075	181	'8039968_/_8039966'		4.8	10	10	1.176	4.9	10	4.08 No	1.176 Thermal Discharging
TER075	182	'43873328_/_6224468'		2.8	6.67	6.67	0.784	0.6	6.67	2.72 No	0.6 Element Fault
TER075	183	'6254725_/_6254871'		4.2	10	10	1.176	2.6	10	4.08 No	1.176 Thermal Discharging
TER075	184	'522031817_/_6261838_2'		1.4	3.33	3.33	0.392	0.5	3.33	1.36 No	0.392 Thermal Discharging
TER075	185	'6224780_/_43873636'		1.43	3.33	3.33	0.392	0.5	3.33	1.36 No	0.392 Thermal Discharging
TER075	186	'43873644_/_6224830'		1.33	3.33	3.33	0.392	0.5	3.33	1.36 No	0.392 Thermal Discharging
TER075	187	'505069842_/_499083245'		4.4	10	10	1.176	3.3	10	4.08 No	1.176 Thermal Discharging
TER075	188	'6252812_/_6252810'		1.37	3.33	3.33	0.392	0.5	3.33	1.36 No	0.392 Thermal Discharging
TER075	189	'7478055_/_73869784'		4.3	10	10	1.176	4.9	10	4.08 No	1.176 Thermal Discharging
TER075	190	'6260427_/_6260424'		1.37	3.33	3.33	0.392	0.5	3.33	1.36 No	0.392 Thermal Discharging
TER075	191	'6252826_/_6252823'		1.37	3.33	3.33	0.392	0.5	3.33	1.36 No	0.392 Thermal Discharging
TER075	192	'6254531_/_6254528'		1.33	3.33	3.33	0.392	0.3	3.33	1.36 No	0.3 Element Fault
TER075	193	'6253670_/_43878030'		1.23	3.33	3.33	0.392	0.5	3.33	1.36 No	0.392 Thermal Discharging
TER075	194	'6253096_/_6253189'		2.47	6.67	6.67	0.784	1	6.67	2.72 No	0.784 Thermal Discharging
TER075	195	'6254543_/_6254723'		3.9	10	10	1.176	2.6	10	4.08 No	1.176 Thermal Discharging
TER075	196	'6253027_/_6254901'		1.33	3.33	3.33	0.392	0.5	3.33	1.36 No	0.392 Thermal Discharging
TER075	197	'6260453_/_6260502'		1.2	3.33	3.33	0.392	0.5	3.33	1.36 No	0.392 Thermal Discharging
TER075	198	'43880130_/_6254201'		1.2	3.33	3.33	0.392	0.3	3.33	1.36 No	0.3 Element Fault
TER075	199	'6254942_/_7107220'		1.33	3.33	3.33	0.392	0.5	3.33	1.36 No	0.392 Thermal Discharging
TER075	200	'8660214_/_492380046'		4	10	10	1.176	4.9	10	4.08 No	1.176 Thermal Discharging
TER075	201	'69979392_/_6224483'		2.47	6.67	6.67	0.784	0.6	6.67	2.72 No	0.6 Element Fault
TER075	202	'43873612_/_6224902'		1.27	3.33	3.33	0.392	0.5	3.33	1.36 No	0.392 Thermal Discharging
TER075	203	'6254544_/_6254541'		3.6	10	10	1.176	2.6	10	4.08 No	1.176 Thermal Discharging
TER075	204	'6261840_/_6261838_1'		1.2	3.33	3.33	0.392	0.5	3.33	1.36 No	0.392 Thermal Discharging
TER075	205	'6260440_/_6260437'		1.2	3.33	3.33	0.392	0.5	3.33	1.36 No	0.392 Thermal Discharging
TER075	206	'505069875_/_505069891'		3.8	10	10	1.176	3.3	10	4.08 No	1.176 Thermal Discharging
TER075	207	'8980947_/_9055359'		3.8	10	10	1.176	4.9	10	4.08 No	1.176 Thermal Discharging
TER075	208	'50946519_/_43873466_2'		3.5	10	10	1.176	2.6	10	4.08 No	1.176 Thermal Discharging
TER075	209	'43877962_/_6253093'		1.2	3.33	3.33	0.392	0.5	3.33	1.36 No	0.392 Thermal Discharging
TER075	210	'8980948_/_8980945'		3.7	10	10	1.176	4.9	10	4.08 No	1.176 Thermal Discharging
TER075	211	'6252852_/_6252849'		1.17	3.33	3.33	0.392	0.5	3.33	1.36 No	0.392 Thermal Discharging
TER075	212	'6253207_/_6253204'		2.2	6.67	6.67	0.784	1	6.67	2.72 No	0.784 Thermal Discharging
TER075	213	'6253208_/_6253205'		1.17	3.33	3.33	0.392	0.5	3.33	1.36 No	0.392 Thermal Discharging
TER075	214	'6253112_/_6253109'		1.13	3.33	3.33	0.392	0.5	3.33	1.36 No	0.392 Thermal Discharging
TER075	215	'6254561_/_6254558'		3.3	10	10	1.176	2.6	10	4.08 No	1.176 Thermal Discharging
TER075	216	'43873464_/_43873466_1'		3.3	10	10	1.176	1.6	10	4.08 No	1.176 Thermal Discharging
TER075	217	'63946872_/_63946869'		1.03	3.33	3.33	0.392	0.5	3.33	1.36 No	0.392 Thermal Discharging
TER075	218	'69979384_/_43873406'		2.13	6.67	6.67	0.784	0.6	6.67	2.72 No	0.6 Element Fault
TER075	219	'6254204_/_43880132'		1.03	3.33	3.33	0.392	0.3	3.33	1.36 No	0.3 Element Fault
TER075	220	'43877938_/_6260450'		1.03	3.33	3.33	0.392	0.5	3.33	1.36 No	0.392 Thermal Discharging
TER075	221	'76055420_/_6224455'		1.1	3.33	3.33	0.392	0.3	3.33	1.36 No	0.3 Element Fault
TER075	222	'6254943_/_6254940'		1.13	3.33	3.33	0.392	0.5	3.33	1.36 No	0.392 Thermal Discharging
TER075	223	'499083308_/_505069940'		3.4	10	10	1.176	3.3	10	4.08 No	1.176 Thermal Discharging
TER075	224	'6253225_/_6253222'		2	6.67	6.67	0.784	1	6.67	2.72 No	0.784 Thermal Discharging
TER075	225	'6260547_/_6261877'		1.03	3.33	3.33	0.392	0.5	3.33	1.36 No	0.392 Thermal Discharging
TER075	226	'6253527_/_6253537'		1.07	3.33	3.33	0.392	0.5	3.33	1.36 No	0.392 Thermal Discharging
TER075	227	'9055381_/_9055379'		3.4	9.9	10	1.176	4.9	10	4.08 No	1.176 Thermal Discharging
TER075	228	'428620127_/_406195065'		3.4	9.7	10	1.176	3.6	10	4.08 No	1.176 Thermal Discharging
TER075	229	'43880318_/_6260937'		1.03	3.33	3.33	0.392	0.5	3.33	1.36 No	0.392 Thermal Discharging
TER075	230	'7713754_/_7713751'		3.3	9.8	10	1.176	3.3	10	4.08 No	1.176 Thermal Discharging
TER075	231	'108760741_/_8333080_1'		3.1	8.7	10	1.176	4.9	10	4.08 No	1.176 Thermal Discharging
TER075	232	'43878296_/_6252901'		1.03	3.33	3.33	0.392	0.5	3.33	1.36 No	0.392 Thermal Discharging
TER075	233	'43878078_/_6254575'		3.1	9.8	10	1.176	2.6	10	4.08 No	1.176 Thermal Discharging
TER075	234	'6253125_/_6253122'		1.03	3.23	3.33	0.392	0.5	3.33	1.36 No	0.392 Thermal Discharging
TER075	235	'6260924_/_43880320'		1	3.3	3.33	0.392	0.5	3.33	1.36 No	0.392 Thermal Discharging
TER075	236	'43877856_/_6253038'		1.03	3.13	3.33	0.392	0.5	3.33	1.36 No	0.392 Thermal Discharging
TER075	237	'6224807_/_6224817'		1.03	3.07	3.33	0.392	0.5	3.33	1.36 No	0.392 Thermal Discharging
TER075	238	'6224531_/_6224546'		1.93	6.2	6.67	0.784	0.6	6.67	2.72 No	0.6 Element Fault
TER075	239	'505139010_/_505139014'		3.1	9	10	1.176	4.9	10	4.08 No	1.176 Thermal Discharging
TER075	240	'6224635_/_6224735'		2.9	9.1	10	1.176	1.6	10	4.08 No	1.176 Thermal Discharging
TER075	241	'6252865_/_6252862'		0.97	3.23	3.33	0.392	0.5	3.33	1.36 No	0.392 Thermal Discharging
TER075	242	'43877937_/_6253080'		0.9	3.1	3.33	0.392	0.5	3.33	1.36 No	0.392 Thermal Discharging
TER075	243	'43877845_/_6254953'		1	3.03	3.33	0.392	0.5	3.33	1.36 No	0.392 Thermal Discharging
TER075	244	'6253831_/_6254012'		1.8	6	6.67	0.784	1	6.67	2.72 No	0.784 Thermal Discharging
TER075	245	'8333083_/_9057603'		3	8.7	10	1.176	4.9	10	4.08 No	1.176 Thermal Discharging
TER075	246	'6254595_/_43878080'		2.8	8.8	10	1.176	2.6	10	4.08 No	1.176 Thermal Discharging
TER075	247	'6260956_/_6260953'		0.93	3.03	3.33	0.392	0.5	3.33	1.36 No	0.392 Thermal Discharging
TER075	248	'6253976_/_6253986_1'		0.9	3	3.33	0.392	0.3	3.33	1.36 No	0.3 Element Fault
TER075	249	'6260546_/_43880296'		0.93	2.97	3.33	0.392	0.5	3.33	1.36 No	0.392 Thermal Discharging
TER075	250	'6260518_/_6260528'		0.87	2.93	3.33	0.392	0.5	3.33	1.36 No	0.392 Thermal Discharging
TER075	251	'6254667_/_6254677_1'		0.93	2.87	3.33	0.392	0.5	3.33	1.36 No	0.392 Thermal Discharging
TER075	252	'6253818_/_43878128_2'		0.9	2.9	3.33	0.392	0.5	3.33	1.36 No	0.392 Thermal Discharging
TER075	253	'43877984_/_6253524'		0.93	2.9	3.33	0.392	0.5	3.33	1.36 No	0.392 Thermal Discharging
TER075	254	'87960495_/_92034143_1'		0.93	2.87	3.33	0.392	0.5	3.33	1.36 No	0.392 Thermal Discharging
TER075	255	'6254178_/_43878230'		0.93	2.9	3.33	0.392	0.5	3.33	1.36 No	0.392 Thermal Discharging
TER075	256	'7387063_/_505139039'		2.9	8.4	10	1.176	4.9	10	4.08 No	1.176 Thermal Discharging
TER075	257	'43878126_/_43878128_1'		0.9	2.83	3.33	0.392	0.3	3.33	1.36 No	0.3 Element Fault
TER075	258	'6254612_/_6254609'		2.7	8.2	10	1.176	2.6	10	4.08 No	1.176 Thermal Discharging
TER075	259	'6253928_/_6253925'		1.67	5.53	6.67	0.784	1	6.67	2.72 No	0.784 Thermal Discharging
TER075	260	'6224445_/_43873429'		0.9	2.73	3.33	0.392	0.3	3.33	1.36 No	0.3 Element Fault
TER075	261	'109931099_/_73176183_1'		2.7	8.2	10	1.176	1.5	10	4.08 No	1.176 Thermal Discharging
TER075	262	'6252878_/_6252875'		0.87	2.87	3.33	0.392	0.5	3.33	1.36 No	0.392 Thermal Discharging
TER075	263	'6253041_/_43877858'		0.9	2.73	3.33	0.392	0.5	3.33	1.36 No	0.392 Thermal Discharging
TER075	264	'6224516_/_6224528'		1.73	5.47	6.67	0.784	0.6	6.67	2.72 No	0.6 Element Fault
TER075	265	'44987042_/_6253161'		0.9	2.7	3.33	0.392	0.5	3.33	1.36 No	0.392 Thermal Discharging
TER075	266	'43873451_/_6224632'		2.6	7.9	10	1.176	1.6	10	4.08 No	1.176 Thermal Discharging
TER075	267	'43878239_/_6253986_2'		0.8	2.67	3.33	0.392	0.3	3.33	1.36 No	0.3 Element Fault

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TER075	268	'7387062_/7387060'	2.7	7.8	10	1.176	4.9	10	4.08 No	1.176	Thermal Discharging
TER075	269	'6254709_/6254706'	2.5	7.8	10	1.176	2.6	10	4.08 No	1.176	Thermal Discharging
TER075	270	'6253792_/6253802'	0.87	2.6	3.33	0.392	0.3	3.33	1.36 No	0.3	Element Fault
TER075	271	'6252891_/6252888'	0.83	2.7	3.33	0.392	0.5	3.28	1.36 No	0.392	Thermal Discharging
TER075	272	'43877973_/6253550'	0.83	2.6	3.33	0.392	0.5	3.33	1.36 No	0.392	Thermal Discharging
TER075	273	'6253943_/6253940'	1.53	5.2	6.67	0.784	1	6.67	2.72 No	0.784	Thermal Discharging
TER075	274	'43873623_/43873625'	0.87	2.53	3.33	0.392	0.5	3.33	1.36 No	0.392	Thermal Discharging
TER075	275	'92034132_/92034143_2'	0.83	2.53	3.33	0.392	0.5	3.33	1.36 No	0.392	Thermal Discharging
TER075	276	'9605748_/118751596'	0.93	2.5	3.33	0.392	1.1	3.32	1.36 No	0.392	Thermal Discharging
TER075	277	'6254680_/6254677_2'	0.87	2.5	3.33	0.392	0.5	3.33	1.36 No	0.392	Thermal Discharging
TER075	278	'6224386_/6224513'	1.6	5	6.67	0.784	0.6	6.67	2.72 No	0.6	Element Fault
TER075	279	'6252934_/6252931'	0.8	2.53	3.33	0.392	0.5	3.18	1.36 No	0.392	Thermal Discharging
TER075	280	'6255072_/6255350'	2.4	7.3	10	1.176	2.6	9.9	4.08 No	1.176	Thermal Discharging
TER075	281	'73176172_/73176183_2'	2.4	7.3	10	1.176	1.5	9.9	4.08 No	1.176	Thermal Discharging
TER075	282	'8114055_/9058659'	2.5	7.1	10	1.176	4.9	9.73	4.08 No	1.176	Thermal Discharging
TER075	283	'6255073_/7107306_1'	0.8	2.4	3.33	0.392	0.5	3.27	1.36 No	0.392	Thermal Discharging
TER075	284	'6254234_/6254231'	0.73	2.4	3.33	0.392	0.3	3.24	1.36 No	0.3	Element Fault
TER075	285	'6253511_/6253566'	0.8	2.4	3.33	0.392	0.5	3.23	1.36 No	0.392	Thermal Discharging
TER075	286	'6253843_/6253955'	1.4	4.73	6.67	0.784	1	6.4	2.72 No	0.784	Thermal Discharging
TER075	287	'6224598_/6224615'	2.3	7	10	1.176	1.6	9.71	4.08 No	1.176	Thermal Discharging
TER075	288	'6224984_/7107306_2'	0.8	2.3	3.33	0.392	0.5	3.18	1.36 No	0.392	Thermal Discharging
TER075	289	'6253898_/6253895_2'	1.4	4.67	6.67	0.784	1	6.34	2.72 No	0.784	Thermal Discharging
TER075	290	'6253731_/6253789'	0.77	2.33	3.33	0.392	0.3	3.16	1.36 No	0.3	Element Fault
TER075	291	'6255055_/6255086'	2.3	6.9	10	1.176	2.6	9.53	4.08 No	1.176	Thermal Discharging
TER075	292	'6224432_/6224442'	0.77	2.3	3.33	0.392	0.3	3.18	1.36 No	0.3	Element Fault
TER075	293	'6253883_/6253895_1'	1.4	4.6	6.67	0.784	0.6	6.27	2.72 No	0.6	Element Fault
TER075	294	'38851132_/44090559'	2.4	6.7	10	1.176	4.9	9.33	4.08 No	1.176	Thermal Discharging
TER075	295	'6253882_/6253880'	1.4	4.6	6.67	0.784	0.6	6.24	2.72 No	0.6	Element Fault
TER075	296	'43877995_/43877997'	0.73	2.27	3.33	0.392	0.5	3.11	1.36 No	0.392	Thermal Discharging
TER075	297	'6253844_/6253841'	0.7	2.23	3.33	0.392	0.5	3.07	1.36 No	0.392	Thermal Discharging
TER075	298	'6224806_/6224804'	0.73	2.2	3.33	0.392	0.5	3.11	1.36 No	0.392	Thermal Discharging
TER075	299	'427936497_/406195031'	2.4	6.3	10	1.176	3.6	9.12	4.08 No	1.176	Thermal Discharging
TER075	300	'43878091_/6254693'	0.77	2.17	3.33	0.392	0.5	3.03	1.36 No	0.392	Thermal Discharging
TER075	301	'427936545_/8699216'	2.4	6.3	10	1.176	3.6	9.11	4.08 No	1.176	Thermal Discharging
TER075	302	'6253857_/6253854'	0.7	2.17	3.33	0.392	0.5	3.01	1.36 No	0.392	Thermal Discharging
TER075	303	'6253510_/6253508'	0.7	2.17	3.33	0.392	0.5	2.99	1.36 No	0.392	Thermal Discharging
TER075	304	'6255056_/6255053'	2.1	6.4	10	1.176	2.6	9.03	4.08 No	1.176	Thermal Discharging
TER075	305	'6260160_/6260157'	0.67	2.13	3.33	0.392	0.3	2.99	1.36 No	0.3	Element Fault
TER075	306	'427936629_/7753325'	1.53	4.07	6.67	0.784	2.4	5.96	2.72 No	0.784	Thermal Discharging
TER075	307	'6253718_/6253728'	0.7	2.1	3.33	0.392	0.3	2.96	1.36 No	0.3	Element Fault
TER075	308	'6224597_/6224595'	2.1	6.2	10	1.176	1.6	8.97	4.08 No	1.176	Thermal Discharging
TER075	309	'49242561_/6224982'	0.73	2.07	3.33	0.392	0.5	2.96	1.36 No	0.392	Thermal Discharging
TER075	310	'7481077_/8114052'	2.2	6.1	10	1.176	4.9	8.81	4.08 No	1.176	Thermal Discharging
TER075	311	'9716833_/9718418'	2.3	6	10	1.176	3.6	8.83	4.08 No	1.176	Thermal Discharging
TER075	312	'6255108_/6255333'	2	6.1	10	1.176	2.6	8.8	4.08 No	1.176	Thermal Discharging
TER075	313	'6254002_/6253999'	0.67	2.07	3.33	0.392	0.3	2.91	1.36 No	0.3	Element Fault
TER075	314	'6224385_/6224383'	1.33	4.13	6.67	0.784	0.6	5.82	2.72 No	0.6	Element Fault
TER075	315	'49158940_/6224683_2'	2	6.1	10	1.176	1.6	8.84	4.08 No	1.176	Thermal Discharging
TER075	316	'43880174_/43880176'	1.27	4.13	6.67	0.784	0.6	5.81	2.72 No	0.6	Element Fault
TER075	317	'8768042_/9716830'	2.2	5.9	10	1.176	3.6	8.71	4.08 No	1.176	Thermal Discharging
TER075	318	'43878250_/6253867'	0.67	2.03	3.33	0.392	0.5	2.88	1.36 No	0.392	Thermal Discharging
TER075	319	'7481076_/7481074'	2.1	5.9	10	1.176	4.9	8.58	4.08 No	1.176	Thermal Discharging
TER075	320	'6224419_/6224429'	0.67	2	3.33	0.392	0.3	2.9	1.36 No	0.3	Element Fault
TER075	321	'8768043_/8768040'	2.2	5.8	10	1.176	3.6	8.62	4.08 No	1.176	Thermal Discharging
TER075	322	'8145496_/9713750'	2.2	5.8	10	1.176	3.6	8.54	4.08 No	1.176	Thermal Discharging
TER075	323	'43878189_/6255106'	1.9	5.9	10	1.176	2.6	8.51	4.08 No	1.176	Thermal Discharging
TER075	324	'7791764_/7791761'	2.1	5.8	10	1.176	4.9	8.41	4.08 No	1.176	Thermal Discharging
TER075	325	'7824582_/8145493'	2.2	5.7	10	1.176	3.6	8.47	4.08 No	1.176	Thermal Discharging
TER075	326	'43873489_/6224683_1'	1.9	5.8	10	1.176	0.9	8.55	4.08 No	0.9	Element Fault
TER075	327	'6253717_/6253715'	0.63	1.97	3.33	0.392	0.3	2.79	1.36 No	0.3	Element Fault
TER075	328	'8028054_/8028051'	2	5.7	10	1.176	4.9	8.36	4.08 No	1.176	Thermal Discharging
TER075	329	'43880163_/6260173'	0.6	1.93	3.33	0.392	0.3	2.78	1.36 No	0.3	Element Fault
TER075	330	'602641871_/602641891'	2	5.7	10	1.176	4.9	8.31	4.08 No	1.176	Thermal Discharging
TER075	331	'43878272_/6254244'	0.63	1.93	3.33	0.392	0.3	2.76	1.36 No	0.3	Element Fault
TER075	332	'34634070_/7824580'	2.1	5.6	10	1.176	3.6	8.33	4.08 No	1.176	Thermal Discharging
TER075	333	'6254696_/43878093'	0.67	1.9	3.33	0.392	0.5	2.75	1.36 No	0.392	Thermal Discharging
TER075	334	'6253774_/6260186'	1.13	3.8	6.67	0.784	0.6	5.48	2.72 No	0.6	Element Fault
TER075	335	'115588643_/6225886'	1.9	5.6	10	1.176	1.6	8.33	4.08 No	1.176	Thermal Discharging
TER075	336	'115588691_/115588640_1'	1.9	5.6	10	1.176	1	8.3	4.08 No	1	Element Fault
TER075	337	'102997640_/44083608'	2.1	5.5	10	1.176	3.6	8.21	4.08 No	1.176	Thermal Discharging
TER075	338	'6254029_/6254188'	0.63	1.87	3.33	0.392	0.5	2.71	1.36 No	0.392	Thermal Discharging
TER075	339	'6224418_/6224416'	0.6	1.83	3.33	0.392	0.3	2.73	1.36 No	0.3	Element Fault
TER075	340	'6255126_/43878191'	1.8	5.5	10	1.176	2.6	8.11	4.08 No	1.176	Thermal Discharging
TER075	341	'6224668_/6224666'	1.8	5.5	10	1.176	0.9	8.17	4.08 No	0.9	Element Fault
TER075	342	'6254073_/6254070'	0.6	1.8	3.33	0.392	0.3	2.64	1.36 No	0.3	Element Fault
TER075	343	'6260176_/43880165'	0.53	1.77	3.33	0.392	0.3	2.59	1.36 No	0.3	Element Fault
TER075	344	'43878114_/6253771'	1.07	3.53	6.67	0.784	0.6	5.19	2.72 No	0.6	Element Fault
TER075	345	'6255143_/6255140'	1.7	5.2	10	1.176	2.6	7.78	4.08 No	1.176	Thermal Discharging
TER075	346	'6254030_/6254027'	0.57	1.77	3.33	0.392	0.5	2.57	1.36 No	0.392	Thermal Discharging
TER075	347	'6224581_/6224700'	1.7	5.1	10	1.176	0.9	7.76	4.08 No	0.9	Element Fault
TER075	348	'115588644_/115588640_2'	1.7	5.1	10	1.176	1	7.7	4.08 No	1	Element Fault
TER075	349	'102997725_/102997806'	1.9	5	10	1.176	3.6	7.62	4.08 No	1.176	Thermal Discharging
TER075	350	'102997682_/102997721'	1.9	5	10	1.176	3.6	7.62	4.08 No	1.176	Thermal Discharging
TER075	351	'102997683_/102997679'	1.9	5	10	1.176	3.6	7.62	4.08 No	1.176	Thermal Discharging
TER075	352	'148878750_/148878747'	1.9	5	10	1.176	3.6	7.62	4.08 No	1.176	Thermal Discharging
TER075	353	'102997697_/102997693'	1.9	5	10	1.176	3.6	7.62	4.08 No	1.176	Thermal Discharging
TER075	354	'6253744_/6253756'	1.07	3.4	6.67	0.784	0.6	5.05	2.72 No	0.6	Element Fault
TER075	355	'6254086_/6254083'	0.57	1.67	3.33	0.392	0.3	2.49	1.36 No	0.3	Element Fault
TER075	356	'6255160_/6255157'	1.6	5	10	1.176	2.6	7.51	4.08 No	1.176	Thermal Discharging
TER075	357	'488984965_/6254040'	0.53	1.67	3.33	0.392	0.5	2.46	1.36 No	0.392	Thermal Discharging
TER075	358	'102997838_/102997849'	1.8	4.8	10	1.176	3.6	7.35	4.08 No	1.176	Thermal Discharging
TER075	359	'43878102_/43878104'	1	3.2	6.67	0.784	0.6	4.83	2.72 No	0.6	Element Fault
TER075	360	'6254102_/6254099'	0.53	1.6	3.33	0.392	0.3	2.41	1.36 No	0.3	Element Fault
TER075	361	'148878817_/148878835'	1.8	4.7	10	1.176	3.6	7.27	4.08 No	1.176	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TER075	362	'427936575_/_7753309'	0.57	1.57	3.33	0.392	1.2	2.36	1.36 No	0.392	Thermal Discharging
TER075	363	'43873305_/_43873307'	1	3.2	6.67	0.784	0.6	4.81	2.72 No	0.6	Element Fault
TER075	364	'6255177_/_6255174'	1.5	4.7	10	1.176	2.6	7.21	4.08 No	1.176	Thermal Discharging
TER075	365	'7440501_/_9401128_1'	0.5	1.57	3.33	0.392	0.5	2.39	1.36 No	0.392	Thermal Discharging
TER075	366	'8145515_/_102997775'	1.8	4.6	10	1.176	3.6	7.15	4.08 No	1.176	Thermal Discharging
TER075	367	'7713653_/_9683048'	1.8	4.6	10	1.176	3.6	7.1	4.08 No	1.176	Thermal Discharging
TER075	368	'6224564_/_6224578'	1.5	4.6	10	1.176	0.9	7.15	4.08 No	0.9	Element Fault
TER075	369	'43878176_/_6255191'	1.5	4.5	10	1.176	2.6	6.96	4.08 No	1.176	Thermal Discharging
TER075	370	'9401131_/_9401128_2'	0.53	1.47	3.33	0.392	0.5	2.26	1.36 No	0.392	Thermal Discharging
TER075	371	'6255214_/_43878178'	1.4	4.4	10	1.176	2.6	6.72	4.08 No	1.176	Thermal Discharging
TER075	372	'7440517_/_9056049_1'	0.47	1.43	3.33	0.392	0.5	2.23	1.36 No	0.392	Thermal Discharging
TER075	373	'7713654_/_7713651'	1.6	4.2	10	1.176	3.6	6.61	4.08 No	1.176	Thermal Discharging
TER075	374	'6255231_/_6255228'	1.4	4.2	10	1.176	2.6	6.46	4.08 No	1.176	Thermal Discharging
TER075	375	'43873438_/_43873440'	1.4	4.1	10	1.176	0.9	6.52	4.08 No	0.9	Element Fault
TER075	376	'9056052_/_9056049_2'	0.43	1.37	3.33	0.392	0.5	2.12	1.36 No	0.392	Thermal Discharging
TER075	377	'43873678_/_43873680'	0.47	1.37	3.33	0.392	0.87	2.12	1.36 No	0.392	Thermal Discharging
TER075	378	'6225458_/_6225455_2'	0.47	1.37	3.33	0.392	0.87	2.11	1.36 No	0.392	Thermal Discharging
TER075	379	'6255247_/_6255313'	1.3	4	10	1.176	2.6	6.32	4.08 No	1.176	Thermal Discharging
TER075	380	'7149089_/_7149106_1'	1.3	4	10	1.176	1.5	6.3	4.08 No	1.176	Thermal Discharging
TER075	381	'7713673_/_7713671'	1.5	3.9	10	1.176	3.6	6.22	4.08 No	1.176	Thermal Discharging
TER075	382	'77149109_/_7149106_2'	1.3	3.9	10	1.176	1.5	6.17	4.08 No	1.176	Thermal Discharging
TER075	383	'43873667_/_6225455_1'	0.47	1.3	3.33	0.392	0.87	2.05	1.36 No	0.392	Thermal Discharging
TER075	384	'6224403_/_6224401'	0.8	2.67	6.67	0.784	0.6	4.08	2.72 No	0.6	Element Fault
TER075	385	'92368970_/_92368967'	1.3	3.9	10	1.176	2.6	6.12	4.08 No	1.176	Thermal Discharging
TER075	386	'92055512_/_92055473_2'	1.3	3.9	10	1.176	2.6	6.1	4.08 No	1.176	Thermal Discharging
TER075	387	'6225432_/_6225442'	0.43	1.27	3.33	0.392	0.87	2	1.36 No	0.392	Thermal Discharging
TER075	388	'92369027_/_92055473_1'	1.2	3.8	10	1.176	1.5	5.95	4.08 No	1.176	Thermal Discharging
TER075	389	'43878137_/_43878152'	1.2	3.8	10	1.176	2.6	5.95	4.08 No	1.176	Thermal Discharging
TER075	390	'6224563_/_6224561'	1.2	3.8	10	1.176	0.9	6	4.08 No	0.9	Element Fault
TER075	391	'92055686_/_6254379_2'	1.2	3.7	10	1.176	2.6	5.87	4.08 No	1.176	Thermal Discharging
TER075	392	'43878215_/_6254379_1'	1.2	3.7	10	1.176	1.5	5.85	4.08 No	1.176	Thermal Discharging
TER075	393	'6225137_/_6225429'	0.43	1.23	3.33	0.392	0.87	1.91	1.36 No	0.392	Thermal Discharging
TER075	394	'8036805_/_8977293'	1.4	3.6	10	1.176	3.6	5.75	4.08 No	1.176	Thermal Discharging
TER075	395	'6254402_/_6254399'	1.2	3.6	10	1.176	1.5	5.75	4.08 No	1.176	Thermal Discharging
TER075	396	'6225136_/_6225134'	0.4	1.2	3.33	0.392	0.87	1.86	1.36 No	0.392	Thermal Discharging
TER075	397	'6225341_/_6225338'	0.4	1.13	3.33	0.392	0.87	1.79	1.36 No	0.392	Thermal Discharging
TER075	398	'8657800_/_8036803'	1.3	3.3	10	1.176	3.6	5.27	4.08 No	1.176	Thermal Discharging
TER075	399	'43873579_/_43873581'	0.37	1.1	3.33	0.392	0.87	1.73	1.36 No	0.37	Primary Over-Voltage
TER075	400	'8657801_/_8657798'	1.2	3.2	10	1.176	3.6	5.15	4.08 No	1.176	Thermal Discharging
TER075	401	'8332927_/_8977313'	1.2	3.2	10	1.176	3.6	5.12	4.08 No	1.176	Thermal Discharging
TER075	402	'7713693_/_8332924'	1.2	3.1	10	1.176	3.6	5.11	4.08 No	1.176	Thermal Discharging
TER075	403	'7713694_/_7713691_1'	1.2	3.1	10	1.176	4.9	4.96	4.08 No	1.176	Thermal Discharging
TER075	404	'6225302_/_6225312'	0.37	1.03	3.33	0.392	0.87	1.63	1.36 No	0.37	Primary Over-Voltage
TER075	405	'43873590_/_6225351'	0.37	1.03	3.33	0.392	0.87	1.63	1.36 No	0.37	Primary Over-Voltage
TER075	406	'6225289_/_6225299'	0.33	0.97	3.33	0.392	0.87	1.54	1.36 No	0.33	Primary Over-Voltage
TER075	407	'6225354_/_43873592'	0.33	0.93	3.33	0.392	0.87	1.49	1.36 No	0.33	Primary Over-Voltage
TER075	408	'43873568_/_43873570'	0.3	0.87	3.33	0.392	0.87	1.43	1.36 No	0.3	Primary Over-Voltage
TER075	409	'6225263_/_6225273'	0.3	0.83	3.33	0.392	0.87	1.36	1.36 No	0.3	Primary Over-Voltage
TER075	410	'6225250_/_6225260'	0.27	0.77	3.33	0.392	0.87	1.26	1.36 No	0.27	Primary Over-Voltage
TER075	411	'43873557_/_43873559'	0.27	0.7	3.33	0.392	0.87	1.17	1.36 No	0.27	Primary Over-Voltage
TER075	412	'6225153_/_6225234'	0.23	0.67	3.33	0.392	0.87	1.1	1.36 No	0.23	Primary Over-Voltage
TER075	413	'6225092_/_6225150'	0.23	0.63	3.33	0.392	0.87	1.08	1.36 No	0.23	Primary Over-Voltage
TER075	414	'6225000_/_6225089'	0.23	0.63	3.33	0.392	0.87	1.04	1.36 No	0.23	Primary Over-Voltage
TER075	415	'6225166_/_6225163'	0.23	0.63	3.33	0.392	0.87	1.04	1.36 No	0.23	Primary Over-Voltage
TER075	416	'6225078_/_6225076'	0.23	0.6	3.33	0.392	0.87	1.01	1.36 No	0.23	Primary Over-Voltage
TER075	417	'8070142_/_9332352_1'	0.23	0.6	3.33	0.392	0.2	1.01	1.36 No	0.2	Element Fault
TER075	418	'6225014_/_6225011'	0.23	0.6	3.33	0.392	0.87	1.01	1.36 No	0.23	Primary Over-Voltage
TER075	419	'43873535_/_6225176'	0.2	0.6	3.33	0.392	0.87	1	1.36 No	0.2	Primary Over-Voltage
TER075	420	'7753279_/_9332352_2'	0.2	0.6	3.33	0.392	0.2	0.99	1.36 No	0.2	Primary Over-Voltage
TER075	421	'6225194_/_43873537'	0.2	0.6	3.33	0.392	0.87	0.99	1.36 No	0.2	Primary Over-Voltage
TER075	422	'43873513_/_6225024'	0.2	0.6	3.33	0.392	0.87	0.98	1.36 No	0.2	Primary Over-Voltage
TER075	423	'6225195_/_6225192'	0.2	0.57	3.33	0.392	0.87	0.97	1.36 No	0.2	Primary Over-Voltage
TER075	424	'7753280_/_7753277_1'	0.2	0.57	3.33	0.392	0.2	0.96	1.36 No	0.2	Primary Over-Voltage
TER075	425	'6225366_/_7753277_2'	0.2	0.57	3.33	0.392	0.2	0.96	1.36 No	0.2	Primary Over-Voltage
TER075	426	'6225040_/_43873515'	0.2	0.57	3.33	0.392	0.87	0.96	1.36 No	0.2	Primary Over-Voltage
TER075	427	'43873546_/_6225205'	0.2	0.57	3.33	0.392	0.87	0.94	1.36 No	0.2	Primary Over-Voltage
TER075	428	'6225393_/_6225390'	0.2	0.57	3.33	0.392	0.87	0.93	1.36 No	0.2	Primary Over-Voltage
TER075	429	'6225107_/_6225364'	0.2	0.57	3.33	0.392	0.2	0.92	1.36 No	0.2	Primary Over-Voltage
TER075	430	'6225406_/_6225403_1'	0.2	0.53	3.33	0.392	0.87	0.92	1.36 No	0.2	Primary Over-Voltage
TER075	431	'43873524_/_6225403_2'	0.2	0.53	3.33	0.392	0.87	0.91	1.36 No	0.2	Primary Over-Voltage
TER075	432	'6225208_/_43873548'	0.2	0.53	3.33	0.392	0.87	0.91	1.36 No	0.2	Primary Over-Voltage
TER075	433	'43873502_/_6225105'	0.2	0.53	3.33	0.392	0.2	0.91	1.36 No	0.2	Primary Over-Voltage
TER075	434	'6225052_/_43873526'	0.2	0.53	3.33	0.392	0.87	0.89	1.36 No	0.2	Primary Over-Voltage
TER075	435	'6225124_/_43873504'	0.2	0.53	3.33	0.392	0.2	0.88	1.36 No	0.2	Primary Over-Voltage
TER075	436	'6225380_/_6225377'	0.2	0.53	3.33	0.392	0.2	0.87	1.36 No	0.2	Primary Over-Voltage
TER075	437	'6225053_/_6225050'	0.2	0.5	3.33	0.392	0.87	0.86	1.36 No	0.2	Primary Over-Voltage
TER075	438	'6225066_/_6225063'	0.17	0.5	3.33	0.392	0.87	0.84	1.36 No	0.17	Primary Over-Voltage
TER076	0	'TER076_/_7440986'	10	10	10	0.144	10	10	5.8 No	0.144	Thermal Discharging
TER076	1	'6261347_/_7440986'	10	10	10	0.144	10	10	5.8 No	0.144	Thermal Discharging
TER076	2	'6261330_/_6261344'	10	10	10	0.144	10	10	5.8 No	0.144	Thermal Discharging
TER076	3	'6261755_/_6261770'	10	10	10	0.144	10	10	5.8 No	0.144	Thermal Discharging
TER076	4	'6261040_/_6261327'	10	10	10	0.144	10	10	5.8 No	0.144	Thermal Discharging
TER076	5	'6259587_/_6261037'	10	10	10	0.144	10	10	5.8 No	0.144	Thermal Discharging
TER076	6	'6255655_/_6259584'	10	10	10	0.144	10	10	5.8 No	0.144	Thermal Discharging
TER076	7	'6255654_/_6255652'	10	10	10	0.144	10	10	5.8 No	0.144	Thermal Discharging
TER076	8	'6254421_/_6255669'	10	10	10	0.144	10	10	5.8 No	0.144	Thermal Discharging
TER076	9	'111417503_/_6254419'	10	10	10	0.144	10	10	5.8 No	0.144	Thermal Discharging
TER076	10	'111417477_/_111417481'	10	10	10	0.144	9.4	10	5.8 No	0.144	Thermal Discharging
TER076	11	'6225716_/_6225713_2'	10	10	10	0.144	9.4	10	5.8 No	0.144	Thermal Discharging
TER076	12	'6225696_/_6225713_1'	10	10	10	0.144	9.4	10	5.8 No	0.144	Thermal Discharging
TER076	13	'6224332_/_6225693'	10	10	10	0.144	9.4	10	5.8 No	0.144	Thermal Discharging
TER076	14	'6224331_/_6224329'	10	10	10	0.144	9.4	10	5.8 No	0.144	Thermal Discharging
TER076	15	'6225855_/_6225869'	10	10	10	0.144	9.4	10	5.8 No	0.144	Thermal Discharging
TER076	16	'6225835_/_6225852'	10	10	10	0.144	9.4	10	5.8 No	0.144	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TER076	17	'6224859_/_6225832'		10	10	10	0.144	9.4	10	5.8 No	0.144 Thermal Discharging
TER076	18	'6224295_/_6224856'		10	10	10	0.144	9.4	10	5.8 No	0.144 Thermal Discharging
TER076	19	'6224278_/_6224292'		10	10	10	0.144	9.4	10	5.8 No	0.144 Thermal Discharging
TER076	20	'43873340_/_43873342'		10	10	10	0.144	9.4	10	5.8 No	0.144 Thermal Discharging
TER076	21	'6224260_/_6224258'		10	10	10	0.144	9.4	10	5.8 No	0.144 Thermal Discharging
TER076	22	'6225642_/_6225656'		10	10	10	0.144	9.4	10	5.8 No	0.144 Thermal Discharging
TER076	23	'6225537_/_6225639'		10	10	10	0.144	9.4	10	5.8 No	0.144 Thermal Discharging
TER076	24	'6225536_/_6225534'		10	10	10	0.144	3.7	10	5.8 No	0.144 Thermal Discharging
TER076	25	'246619757_/_246619785'		10	10	10	0.144	9.4	10	5.8 No	0.144 Thermal Discharging
TER076	26	'6225573_/_6225571'		10	10	10	0.144	9.4	10	5.8 No	0.144 Thermal Discharging
TER076	27	'6225905_/_6225919'		10	10	10	0.144	9.4	10	5.8 No	0.144 Thermal Discharging
TER076	28	'527160849_/_527160853'		10	10	10	0.144	3.7	10	5.8 No	0.144 Thermal Discharging
TER076	29	'9019083_/_8699240_3'		10	10	10	0.144	9.4	10	5.8 No	0.144 Thermal Discharging
TER076	30	'527160957_/_527160894_1'		10	10	10	0.144	1.7	10	5.8 No	0.144 Thermal Discharging
TER076	31	'246708436_/_246619755_1'	3.33		3.33	3.33	0.048	3.13	3.33	1.93 No	0.048 Thermal Discharging
TER076	32	'527160889_/_527160894_2'		10	10	10	0.144	1.7	10	5.8 No	0.144 Thermal Discharging
TER076	33	'6225906_/_6225903'	3.33		3.33	3.33	0.048	1.5	3.33	1.93 No	0.048 Thermal Discharging
TER076	34	'7753388_/_8070195'	3.33		3.33	3.33	0.048	1.3	3.33	1.93 No	0.048 Thermal Discharging
TER076	35	'246619758_/_246619755_2'	3.33		3.33	3.33	0.048	1.1	3.33	1.93 No	0.048 Thermal Discharging
TER076	36	'7753368_/_8699240_2'	8.2		10	10	0.144	9.4	10	5.8 No	0.144 Thermal Discharging
TER076	37	'7753387_/_7753385'	2.7		3.33	3.33	0.048	0.1	3.33	1.93 No	0.048 Thermal Discharging
TER076	38	'6225486_/_8699240_1'	8.2		10	10	0.144	9.4	10	5.8 No	0.144 Thermal Discharging
TER076	39	'6225502_/_6225500_2'	7.6		10	10	0.144	9.4	10	5.8 No	0.144 Thermal Discharging
TER076	40	'43871856_/_6225500_1'	7.6		10	10	0.144	9.4	10	5.8 No	0.144 Thermal Discharging
TER076	41	'6225608_/_6225622'	7.1		10	10	0.144	9.4	10	5.8 No	0.144 Thermal Discharging
TER076	42	'6225591_/_6225605'	6.7		10	10	0.144	9.4	10	5.8 No	0.144 Thermal Discharging
TER076	43	'6225590_/_6225588'	6.4		10	10	0.144	9.4	10	5.8 No	0.144 Thermal Discharging
TER076	44	'395405308_/_395405204_1'	6.4		10	10	0.144	0.1	10	5.8 No	0.1 Element Fault
TER076	45	'6225959_/_6225973'	6.2		10	10	0.144	9.4	10	5.8 No	0.144 Thermal Discharging
TER076	46	'49968584_/_49968581'	6.2		10	10	0.144	9.4	10	5.8 No	0.144 Thermal Discharging
TER076	47	'66705404_/_6225939_2'	6.2		10	10	0.144	9.4	10	5.8 No	0.144 Thermal Discharging
TER076	48	'395405185_/_395405204_2'	5		10	10	0.144	0.1	10	5.8 No	0.1 Element Fault
TER076	49	'69412352_/_6225484'	1.57		3.33	3.33	0.048	1.1	3.33	1.93 No	0.048 Thermal Discharging
TER076	50	'456627759_/_8419084'	1.13		3.33	3.33	0.048	0.1	3.33	1.93 No	0.048 Thermal Discharging
TER076	51	'502797026_/_456627787'	1.07		3.33	3.33	0.048	0.1	3.33	1.93 No	0.048 Thermal Discharging
TER076	52	'473408049_/_502797048'	0.93		3.33	3.33	0.048	0.1	3.33	1.93 No	0.048 Thermal Discharging
TER076	53	'8419087_/_473408071'	0.87		3.03	3.33	0.048	0.1	3.18	1.93 No	0.048 Thermal Discharging
TER081	0	'TER081_/_68382044_2'		10	10	10	1.768	10	10	3.88 No	1.768 Thermal Discharging
TER081	1	'68382067_/_68382044_2'		10	10	10	1.768	10	10	3.88 No	1.768 Thermal Discharging
TER081	2	'65964577_/_68382044_1'		10	10	10	1.768	10	10	3.88 No	1.768 Thermal Discharging
TER081	3	'65964576_/_65964533'		10	10	10	1.768	10	10	3.88 No	1.768 Thermal Discharging
TER081	4	'65964581_/_65964554'		10	10	10	1.768	10	10	3.88 No	1.768 Thermal Discharging
TER081	5	'65964681_/_65964583'		10	10	10	1.768	10	10	3.88 No	1.768 Thermal Discharging
TER081	6	'65964685_/_65964604'		10	10	10	1.768	10	10	3.88 No	1.768 Thermal Discharging
TER081	7	'65964696_/_65964633'		10	10	10	1.768	10	10	3.88 No	1.768 Thermal Discharging
TER081	8	'65964697_/_65964658'		10	10	10	1.768	10	10	3.88 No	1.768 Thermal Discharging
TER081	9	'116286139_/_65964699'		10	10	10	1.768	10	10	3.88 No	1.768 Thermal Discharging
TER081	10	'65964751_/_65964724'		10	10	10	1.768	10	10	3.88 No	1.768 Thermal Discharging
TER081	11	'116286200_/_68382011_1'		10	10	10	1.768	10	10	3.88 No	1.768 Thermal Discharging
TER081	12	'124947368_/_68382011_2'		10	10	10	1.768	10	10	3.88 No	1.768 Thermal Discharging
TER081	13	'66582890_/_68382011_3'		10	10	10	1.768	10	10	3.88 No	1.768 Thermal Discharging
TER081	14	'50472541_/_50472452'		10	10	10	1.768	10	10	3.88 No	1.768 Thermal Discharging
TER081	15	'50472573_/_50472473'		10	10	10	1.768	10	10	3.88 No	1.768 Thermal Discharging
TER081	16	'128004153_/_128004163'		10	10	10	1.768	10	10	3.88 No	1.768 Thermal Discharging
TER081	17	'50473447_/_50473248'		10	10	10	1.768	10	10	3.88 No	1.768 Thermal Discharging
TER081	18	'50472561_/_50472423'		10	10	10	1.768	10	10	3.88 No	1.768 Thermal Discharging
TER081	19	'50473451_/_50473269'		10	10	10	1.768	10	10	3.88 No	1.768 Thermal Discharging
TER081	20	'5498258_/_5498364'		10	10	10	1.768	10	10	3.88 No	1.768 Thermal Discharging
TER081	21	'50473455_/_50473290'		10	10	10	1.768	10	10	3.88 No	1.768 Thermal Discharging
TER081	22	'43720426_/_5498273'		10	10	10	1.768	10	10	3.88 No	1.768 Thermal Discharging
TER081	23	'5498242_/_5498290'		10	10	10	1.768	10	10	3.88 No	1.768 Thermal Discharging
TER081	24	'5497845_/_650562956'		10	10	10	1.768	10	10	3.88 No	1.768 Thermal Discharging
TER081	25	'39467870_/_49996809'		10	10	10	1.768	10	10	3.88 No	1.768 Thermal Discharging
TER081	26	'124947315_/_49996784_1'		10	10	10	1.768	10	10	3.88 No	1.768 Thermal Discharging
TER081	27	'49996787_/_49996784_2'		10	10	10	1.768	10	10	3.88 No	1.768 Thermal Discharging
TER081	28	'5497846_/_650562971'		10	10	10	1.768	10	10	3.88 No	1.768 Thermal Discharging
TER081	29	'473831662_/_473831595_1'		10	10	10	1.768	1.5	10	3.88 No	1.5 Element Fault
TER081	30	'650562993_/_650562990'		10	10	10	1.768	10	10	3.88 No	1.768 Thermal Discharging
TER081	31	'5498076_/_5498327'		10	10	10	1.768	10	10	3.88 No	1.768 Thermal Discharging
TER081	32	'650563138_/_650563071_1'		10	10	10	1.768	3.3	10	3.88 No	1.768 Thermal Discharging
TER081	33	'650563012_/_650563009'		10	10	10	1.768	10	10	3.88 No	1.768 Thermal Discharging
TER081	34	'5497883_/_650563024'		10	10	10	1.768	10	10	3.88 No	1.768 Thermal Discharging
TER081	35	'650563553_/_8979631_1'		10	10	10	1.768	5.6	10	3.88 No	1.768 Thermal Discharging
TER081	36	'5498059_/_5498073'		10	10	10	1.768	10	10	3.88 No	1.768 Thermal Discharging
TER081	37	'8979634_/_8979631_2'		10	10	10	1.768	5.6	10	3.88 No	1.768 Thermal Discharging
TER081	38	'5498042_/_5498056'		10	10	10	1.768	10	10	3.88 No	1.768 Thermal Discharging
TER081	39	'43720804_/_5498039'		10	10	10	1.768	10	10	3.88 No	1.768 Thermal Discharging
TER081	40	'5497916_/_5498022'		10	10	10	1.768	10	10	3.88 No	1.768 Thermal Discharging
TER081	41	'473831598_/_473831595_2'		10	10	10	1.768	1.5	10	3.88 No	1.5 Element Fault
TER081	42	'5498093_/_5498090'		10	10	10	1.768	10	10	3.88 No	1.768 Thermal Discharging
TER081	43	'124947303_/_5497897_1'		10	10	10	1.768	1.5	10	3.88 No	1.5 Element Fault
TER081	44	'650563074_/_650563071_2'		10	10	10	1.768	3.3	10	3.88 No	1.768 Thermal Discharging
TER081	45	'124947286_/_5497897_2'		10	10	10	1.768	1.5	10	3.88 No	1.5 Element Fault
TER081	46	'5498110_/_5498107'		10	10	10	1.768	10	10	3.88 No	1.768 Thermal Discharging
TER081	47	'5497917_/_5497914'		10	10	10	1.768	1.5	10	3.88 No	1.5 Element Fault
TER081	48	'5498132_/_5498163'		10	10	10	1.768	10	10	3.88 No	1.768 Thermal Discharging
TER081	49	'5498145_/_5498143'		10	10	10	1.768	10	10	3.88 No	1.768 Thermal Discharging
TER081	50	'650563105_/_650563102'		10	10	10	1.768	3.3	10	3.88 No	1.768 Thermal Discharging
TER081	51	'43720907_/_43720909'		10	10	10	1.768	10	10	3.88 No	1.768 Thermal Discharging
TER081	52	'5461175_/_75292896'		10	10	10	1.768	10	10	3.88 No	1.768 Thermal Discharging
TER081	53	'650563180_/_650563147_1'		10	10	10	1.768	2.4	10	3.88 No	1.768 Thermal Discharging
TER081	54	'5460990_/_7095918'		10	10	10	1.768	10	10	3.88 No	1.768 Thermal Discharging
TER081	55	'8449351_/_650563147_2'		10	10	10	1.768	2.4	10	3.88 No	1.768 Thermal Discharging
TER081	56	'5460973_/_5460987'		10	10	10	1.768	10	10	3.88 No	1.768 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TER081	57	'5460956_/_5460970'		10	10	10	1.768	10	10	3.88 No	1.768 Thermal Discharging
TER081	58	'5497899_/_5497897_3'		10	10	10	1.768	1.5	10	3.88 No	1.5 Element Fault
TER081	59	'43716600_/_5460953'		10	10	10	1.768	10	10	3.88 No	1.768 Thermal Discharging
TER081	60	'43720780_/_5498915'		10	10	10	1.768	1.5	10	3.88 No	1.5 Element Fault
TER081	61	'5461006_/_5461004'		10	10	10	1.768	10	10	3.88 No	1.768 Thermal Discharging
TER081	62	'5460939_/_5461024'		10	10	10	1.768	10	10	3.88 No	1.768 Thermal Discharging
TER081	63	'5507177_/_5507174'		10	10	10	1.768	1.5	10	3.88 No	1.5 Element Fault
TER081	64	'5498881_/_5498895'		10	10	10	1.768	1.5	10	3.88 No	1.5 Element Fault
TER081	65	'43720793_/_5497931'	3.33	3.33	3.33	0.592	0.5	3.33	1.29 No	0.5 Element Fault	
TER081	66	'5461044_/_5461058'		10	10	10	1.768	10	10	3.88 No	1.768 Thermal Discharging
TER081	67	'462870273_/_9607841_1'		10	10	10	1.768	0.9	10	3.88 No	0.9 Element Fault
TER081	68	'5498864_/_5498878'		10	10	10	1.768	1.5	10	3.88 No	1.5 Element Fault
TER081	69	'7402228_/_7402226_1'		10	10	10	1.768	0.9	10	3.88 No	0.9 Element Fault
TER081	70	'8449350_/_8449348'		10	10	10	1.768	2.4	10	3.88 No	1.768 Thermal Discharging
TER081	71	'5461043_/_5461041'		10	10	10	1.768	10	10	3.88 No	1.768 Thermal Discharging
TER081	72	'5498847_/_5498861'		10	10	10	1.768	1.5	10	3.88 No	1.5 Element Fault
TER081	73	'43720896_/_5498130'	3.33	3.33	3.33	0.592	1.1	3.33	1.29 No	0.592 Thermal Discharging	
TER081	74	'5460907_/_5461075'		10	10	10	1.768	10	10	3.88 No	1.768 Thermal Discharging
TER081	75	'9607844_/_9607841_2'		10	10	10	1.768	0.9	10	3.88 No	0.9 Element Fault
TER081	76	'5460890_/_5460904'		10	10	10	1.768	10	10	3.88 No	1.768 Thermal Discharging
TER081	77	'124947192_/_7713515_1'	3.33	3.33	3.33	0.592	0.5	3.33	1.29 No	0.5 Element Fault	
TER081	78	'5498830_/_5498844'		10	10	10	1.768	1.5	10	3.88 No	1.5 Element Fault
TER081	79	'5497969_/_5497967_1'	3.33	3.33	3.33	0.592	0.5	3.33	1.29 No	0.5 Element Fault	
TER081	80	'43716637_/_5460887'		10	10	10	1.768	10	10	3.88 No	1.768 Thermal Discharging
TER081	81	'5498813_/_5498827'		10	10	10	1.768	1.5	10	3.88 No	1.5 Element Fault
TER081	82	'7713517_/_7713515_2'	3.33	3.33	3.33	0.592	0.5	3.33	1.29 No	0.5 Element Fault	
TER081	83	'5460866_/_5460864'		10	10	10	1.768	10	10	3.88 No	1.768 Thermal Discharging
TER081	84	'5498796_/_5498810'		10	10	10	1.768	1.5	10	3.88 No	1.5 Element Fault
TER081	85	'7402192_/_7402190_1'		10	10	10	1.768	0.9	10	3.88 No	0.9 Element Fault
TER081	86	'5461095_/_5461092'		10	10	10	1.768	10	10	3.88 No	1.768 Thermal Discharging
TER081	87	'5498795_/_5498793'		10	10	10	1.768	1.5	10	3.88 No	1.5 Element Fault
TER081	88	'5466747_/_5461109'		10	10	10	1.768	10	10	3.88 No	1.768 Thermal Discharging
TER081	89	'114819794_/_8036783_1'		10	10	10	1.768	10	10	3.88 No	1.768 Thermal Discharging
TER081	90	'5498934_/_43720388'		10	10	10	1.768	1.5	10	3.88 No	1.5 Element Fault
TER081	91	'8332890_/_8332888_1'	3.33	3.33	3.33	0.592	0.3	3.33	1.29 No	0.3 Element Fault	
TER081	92	'7403045_/_8980541_2'		10	10	10	1.768	2.4	10	3.88 No	1.768 Thermal Discharging
TER081	93	'7402229_/_7402226_2'		10	10	10	1.768	0.9	10	3.88 No	0.9 Element Fault
TER081	94	'5497934_/_43720795'	3.33	3.33	3.33	0.592	0.5	3.33	1.29 No	0.5 Element Fault	
TER081	95	'5460924_/_5460921'	3.33	3.33	3.33	0.592	1	3.33	1.29 No	0.592 Thermal Discharging	
TER081	96	'5460797_/_5466965'		10	10	10	1.768	3.5	10	3.88 No	1.768 Thermal Discharging
TER081	97	'7402193_/_7402190_2'		10	10	10	1.768	0.9	10	3.88 No	0.9 Element Fault
TER081	98	'5502975_/_8980541_1'		10	10	10	1.768	1.5	10	3.88 No	1.5 Element Fault
TER081	99	'124947220_/_5460794_1'	3.33	3.33	3.33	0.592	0.5	3.33	1.29 No	0.5 Element Fault	
TER081	100	'43718563_/_5460937'	3.33	3.33	3.33	0.592	1	3.33	1.29 No	0.592 Thermal Discharging	
TER081	101	'5502992_/_5502989'		10	10	10	1.768	1.5	10	3.88 No	1.5 Element Fault
TER081	102	'43720920_/_5497967_2'	3.33	3.33	3.33	0.592	0.5	3.33	1.29 No	0.5 Element Fault	
TER081	103	'5503009_/_5503006'		10	10	10	1.768	1.5	10	3.88 No	1.5 Element Fault
TER081	104	'605682273_/_605682240_1'	3.33	3.33	3.33	0.592	0.5	3.33	1.29 No	0.5 Element Fault	
TER081	105	'43726109_/_5503057'		10	10	10	1.768	1.5	10	3.88 No	1.5 Element Fault
TER081	106	'9293604_/_9293601_2'		10	10	10	1.768	1.5	10	3.88 No	1.5 Element Fault
TER081	107	'5460781_/_5460794_2'	3.33	3.33	3.33	0.592	0.5	3.33	1.29 No	0.5 Element Fault	
TER081	108	'5501591_/_5501605'		10	10	10	1.768	1.5	10	3.88 No	1.5 Element Fault
TER081	109	'9293603_/_9293601_1'		10	10	10	1.768	1.5	10	3.88 No	1.5 Element Fault
TER081	110	'605682243_/_605682240_2'	3.33	3.33	3.33	0.592	0.5	3.33	1.29 No	0.5 Element Fault	
TER081	111	'5460810_/_5460807'		10	10	10	1.768	3.5	10	3.88 No	1.768 Thermal Discharging
TER081	112	'5501592_/_5501589'	3.33	3.33	3.33	0.592	0.5	3.33	1.29 No	0.5 Element Fault	
TER081	113	'5460940_/_43718565'	3.33	3.33	3.33	0.592	1	3.33	1.29 No	0.592 Thermal Discharging	
TER081	114	'5460768_/_5460778'	3.33	3.33	3.33	0.592	0.5	3.33	1.29 No	0.5 Element Fault	
TER081	115	'5497983_/_43720922'	3.33	3.33	3.33	0.592	0.5	3.33	1.29 No	0.5 Element Fault	
TER081	116	'8332891_/_8332888_2'	3.33	3.33	3.33	0.592	0.3	3.33	1.29 No	0.3 Element Fault	
TER081	117	'8332842_/_8036783_2'		8.6	10	10	1.768	10	10	3.88 No	1.768 Thermal Discharging
TER081	118	'5465625_/_8036783_3'		8.5	10	10	1.768	10	10	3.88 No	1.768 Thermal Discharging
TER081	119	'43718788_/_5465659'		8.6	10	10	1.768	10	10	3.88 No	1.768 Thermal Discharging
TER081	120	'43716232_/_5465622'		8.4	10	10	1.768	10	10	3.88 No	1.768 Thermal Discharging
TER081	121	'484323165_/_9605613'	3.33	3.33	3.33	0.592	0.3	3.33	1.29 No	0.3 Element Fault	
TER081	122	'5465662_/_9290781_1'		8.6	10	10	1.768	2.6	10	3.88 No	1.768 Thermal Discharging
TER081	123	'5465524_/_5465538'		8.3	10	10	1.768	10	10	3.88 No	1.768 Thermal Discharging
TER081	124	'43716589_/_5460765'	3.33	3.33	3.33	0.592	0.5	3.33	1.29 No	0.5 Element Fault	
TER081	125	'5460830_/_5460827'		8.2	10	10	1.768	3.5	10	3.88 No	1.768 Thermal Discharging
TER081	126	'43716219_/_5465521'		8.2	10	10	1.768	10	10	3.88 No	1.768 Thermal Discharging
TER081	127	'37913350_/_9290781_2'		8.7	10	10	1.768	2.6	10	3.88 No	1.768 Thermal Discharging
TER081	128	'37913302_/_37913348'		8.7	10	10	1.768	2.6	10	3.88 No	1.768 Thermal Discharging
TER081	129	'37913329_/_37913327'	2.9	3.33	3.33	0.592	0.87	3.33	1.29 No	0.592 Thermal Discharging	
TER081	130	'404447281_/_404447278'		8.7	10	10	1.768	2.6	10	3.88 No	1.768 Thermal Discharging
TER081	131	'37913295_/_37913299'		8.7	10	10	1.768	2.6	10	3.88 No	1.768 Thermal Discharging
TER081	132	'5465489_/_43716221'		8.1	10	10	1.768	10	10	3.88 No	1.768 Thermal Discharging
TER081	133	'124947054_/_7130412_1'		8.1	10	10	1.768	2.5	10	3.88 No	1.768 Thermal Discharging
TER081	134	'5466476_/_5466473'		8.1	10	10	1.768	10	10	3.88 No	1.768 Thermal Discharging
TER081	135	'7130431_/_7130412_2'		8.1	10	10	1.768	2.5	10	3.88 No	1.768 Thermal Discharging
TER081	136	'5465488_/_5466982_2'		5.4	6.67	6.67	1.176	2.1	6.67	2.59 No	1.176 Thermal Discharging
TER081	137	'5466493_/_5466490'		8	10	10	1.768	10	10	3.88 No	1.768 Thermal Discharging
TER081	138	'5466892_/_7130466'		8	10	10	1.768	2.5	10	3.88 No	1.768 Thermal Discharging
TER081	139	'5498182_/_5498206'	3.33	3.33	3.33	0.592	0.5	3.33	1.29 No	0.5 Element Fault	
TER081	140	'5466450_/_5466510'		7.9	10	10	1.768	10	10	3.88 No	1.768 Thermal Discharging
TER081	141	'5466875_/_5466889'		7.9	10	10	1.768	2.5	10	3.88 No	1.768 Thermal Discharging
TER081	142	'5466437_/_5466434_3'	2.63	3.33	3.33	0.592	1.1	3.33	1.29 No	0.592 Thermal Discharging	
TER081	143	'5460742_/_5460752'	3.33	3.33	3.33	0.592	0.5	3.33	1.29 No	0.5 Element Fault	
TER081	144	'5466874_/_5466872'		7.9	10	10	1.768	2.5	10	3.88 No	1.768 Thermal Discharging
TER081	145	'5460847_/_5460844'		6.5	10	10	1.768	3.5	10	3.88 No	1.768 Thermal Discharging
TER081	146	'5466530_/_5466527'		7.8	10	10	1.768	10	10	3.88 No	1.768 Thermal Discharging
TER081	147	'8036886_/_8657758'		7.8	10	10	1.768	2.6	10	3.88 No	1.768 Thermal Discharging
TER081	148	'5466855_/_5467448'		7.8	10	10	1.768	2.5	10	3.88 No	1.768 Thermal Discharging
TER081	149	'5466424_/_5466434_2'	2.63	3.33	3.33	0.592	0.5	3.33	1.29 No	0.5 Element Fault	
TER081	150	'5467145_/_5467142'		7.7	10	10	1.768	10	10	3.88 No	1.768 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TER081	151	'5466670_/_5466852'	7.7	10	10	1.768	2.5	10	3.88 No	1.768	Thermal Discharging
TER081	152	'352337535_/_5466667_2'	2.6	3.33	3.33	0.592	0.83	3.33	1.29 No	0.592	Thermal Discharging
TER081	153	'5464143_/_5466727'	7.7	10	10	1.768	2.5	10	3.88 No	1.768	Thermal Discharging
TER081	154	'5466696_/_5466710'	7.8	10	10	1.768	2.5	10	3.88 No	1.768	Thermal Discharging
TER081	155	'43716162_/_5464141'	7.6	10	10	1.768	2.5	10	3.88 No	1.768	Thermal Discharging
TER081	156	'43716136_/_43716138'	7.9	10	10	1.768	2.5	10	3.88 No	1.768	Thermal Discharging
TER081	157	'5498183_/_5498180'	3.33	3.33	3.33	0.592	0.5	3.33	1.29 No	0.5	Element Fault
TER081	158	'5462344_/_5463615'	7.9	10	10	1.768	2.5	10	3.88 No	1.768	Thermal Discharging
TER081	159	'5463634_/_43716164'	7.5	10	10	1.768	2.5	10	3.88 No	1.768	Thermal Discharging
TER081	160	'43716197_/_5466982_1'	5.53	6.67	6.67	1.176	1	6.67	2.59 No	1	Element Fault
TER081	161	'5460729_/_5460739'	3.33	3.33	3.33	0.592	0.5	3.33	1.29 No	0.5	Element Fault
TER081	162	'5463635_/_5463632'	7.5	10	10	1.768	2.5	10	3.88 No	1.768	Thermal Discharging
TER081	163	'5462951_/_5466667_1'	2.63	3.33	3.33	0.592	0.5	3.33	1.29 No	0.5	Element Fault
TER081	164	'5466909_/_5466906'	2.7	3.33	3.33	0.592	0.83	3.33	1.29 No	0.592	Thermal Discharging
TER081	165	'43716149_/_5463666'	7.4	10	10	1.768	2.5	10	3.88 No	1.768	Thermal Discharging
TER081	166	'5462327_/_5462341'	7.9	10	10	1.768	2.5	10	3.88 No	1.768	Thermal Discharging
TER081	167	'8036770_/_8036767'	3.03	3.33	3.33	0.592	0.87	3.33	1.29 No	0.592	Thermal Discharging
TER081	168	'5462310_/_5462324'	7.8	10	10	1.768	2.5	10	3.88 No	1.768	Thermal Discharging
TER081	169	'5463652_/_5463649'	7.4	10	10	1.768	2.5	10	3.88 No	1.768	Thermal Discharging
TER081	170	'5462980_/_384931741'	7.4	10	10	1.768	2.5	10	3.88 No	1.768	Thermal Discharging
TER081	171	'43716123_/_5462307'	7.8	10	10	1.768	2.5	10	3.88 No	1.768	Thermal Discharging
TER081	172	'5466423_/_5466421'	2.73	3.33	3.33	0.592	0.5	3.33	1.29 No	0.5	Element Fault
TER081	173	'5462938_/_5462948'	2.7	3.33	3.33	0.592	0.5	3.33	1.29 No	0.5	Element Fault
TER081	174	'5463686_/_487614309'	7.3	10	10	1.768	2.5	10	3.88 No	1.768	Thermal Discharging
TER081	175	'5462276_/_5462290'	7.7	10	10	1.768	2.5	10	3.88 No	1.768	Thermal Discharging
TER081	176	'5466821_/_487614278'	7.4	10	10	1.768	2.5	10	3.88 No	1.768	Thermal Discharging
TER081	177	'487614350_/_487614336'	7.2	10	10	1.768	2.5	10	3.88 No	1.768	Thermal Discharging
TER081	178	'478550214_/_5462978_1'	2.47	3.33	3.33	0.592	0.5	3.33	1.29 No	0.5	Element Fault
TER081	179	'5466801_/_487614259'	7.4	10	10	1.768	2.5	10	3.88 No	1.768	Thermal Discharging
TER081	180	'43716110_/_43716112'	7.7	10	10	1.768	2.5	10	3.88 No	1.768	Thermal Discharging
TER081	181	'5467127_/_5467159'	6.5	10	10	1.768	3.5	10	3.88 No	1.768	Thermal Discharging
TER081	182	'5462259_/_5462256_2'	7.7	10	10	1.768	2.5	10	3.88 No	1.768	Thermal Discharging
TER081	183	'5463237_/_487614347'	7.1	10	10	1.768	2.5	10	3.88 No	1.768	Thermal Discharging
TER081	184	'5466780_/_487614212'	7.4	10	10	1.768	2.5	10	3.88 No	1.768	Thermal Discharging
TER081	185	'5462239_/_5462256_1'	7.6	10	10	1.768	2.5	10	3.88 No	1.768	Thermal Discharging
TER081	186	'5497995_/_5498193'	3.33	3.33	3.33	0.592	0.5	3.33	1.29 No	0.5	Element Fault
TER081	187	'43719547_/_5467125'	6.5	10	10	1.768	3.5	10	3.88 No	1.768	Thermal Discharging
TER081	188	'5462222_/_5462236'	7.6	10	10	1.768	2.5	10	3.88 No	1.768	Thermal Discharging
TER081	189	'5463924_/_487614383'	7.1	10	10	1.768	2.5	10	3.88 No	1.768	Thermal Discharging
TER081	190	'411494682_/_5463235_1'	7.1	10	10	1.768	1.5	10	3.88 No	1.5	Element Fault
TER081	191	'478550233_/_5466778_1'	7.2	10	10	1.768	1.5	10	3.88 No	1.5	Element Fault
TER081	192	'5462841_/_5462935'	2.77	3.33	3.33	0.592	0.5	3.33	1.29 No	0.5	Element Fault
TER081	193	'43719560_/_43719549'	6.4	10	10	1.768	3.5	10	3.88 No	1.768	Thermal Discharging
TER081	194	'487614414_/_487614396'	7	10	10	1.768	2.5	10	3.88 No	1.768	Thermal Discharging
TER081	195	'43715201_/_43715203'	7.5	10	10	1.768	2.5	10	3.88 No	1.768	Thermal Discharging
TER081	196	'5466167_/_43719562'	6.4	10	10	1.768	3.5	10	3.88 No	1.768	Thermal Discharging
TER081	197	'5466925_/_5466922'	2.8	3.33	3.33	0.592	0.83	3.33	1.29 No	0.592	Thermal Discharging
TER081	198	'43716267_/_5466434_1'	2.77	3.33	3.33	0.592	0.5	3.33	1.29 No	0.5	Element Fault
TER081	199	'5460728_/_43716615'	3.33	3.33	3.33	0.592	0.5	3.33	1.29 No	0.5	Element Fault
TER081	200	'5463208_/_487614411'	7	10	10	1.768	2.5	10	3.88 No	1.768	Thermal Discharging
TER081	201	'5461417_/_5462202'	7.5	10	10	1.768	2.5	10	3.88 No	1.768	Thermal Discharging
TER081	202	'5462963_/_5466778_2'	6.9	10	10	1.768	1.5	10	3.88 No	1.5	Element Fault
TER081	203	'43716345_/_5467057'	6.4	10	10	1.768	3.5	10	3.88 No	1.768	Thermal Discharging
TER081	204	'5466168_/_5466165'	6.5	10	10	1.768	3.5	10	3.88 No	1.768	Thermal Discharging
TER081	205	'5463163_/_487614440'	6.9	10	10	1.768	2.5	10	3.88 No	1.768	Thermal Discharging
TER081	206	'616782681_/_487614465'	6.9	10	10	1.768	2.5	10	3.88 No	1.768	Thermal Discharging
TER081	207	'478550182_/_5463206_1'	2.33	3.33	3.33	0.592	0.5	3.33	1.29 No	0.5	Element Fault
TER081	208	'43715131_/_5462185'	7.4	10	10	1.768	2.5	10	3.88 No	1.768	Thermal Discharging
TER081	209	'43716674_/_5463235_2'	6.7	10	10	1.768	1.5	10	3.88 No	1.5	Element Fault
TER081	210	'5462909_/_5462922'	2.83	3.33	3.33	0.592	0.5	3.33	1.29 No	0.5	Element Fault
TER081	211	'5465557_/_5466185'	6.5	10	10	1.768	3.5	10	3.88 No	1.768	Thermal Discharging
TER081	212	'5436421_/_5436431'	2.9	3.33	3.33	0.592	0.5	3.33	1.29 No	0.5	Element Fault
TER081	213	'5462828_/_5462838'	2.8	3.33	3.33	0.592	0.5	3.33	1.29 No	0.5	Element Fault
TER081	214	'5467026_/_5467023'	6.3	10	10	1.768	3.5	10	3.88 No	1.768	Thermal Discharging
TER081	215	'5463384_/_487614488'	6.8	10	10	1.768	2.5	10	3.88 No	1.768	Thermal Discharging
TER081	216	'5462981_/_5462978_2'	2.5	3.33	3.33	0.592	0.5	3.33	1.29 No	0.5	Element Fault
TER081	217	'478550156_/_5463398_3'	2.3	3.33	3.33	0.592	0.83	3.33	1.29 No	0.592	Thermal Discharging
TER081	218	'484378894_/_5463398_2'	2.3	3.33	3.33	0.592	0.83	3.33	1.29 No	0.592	Thermal Discharging
TER081	219	'5462154_/_5462168'	7.4	10	10	1.768	2.5	10	3.88 No	1.768	Thermal Discharging
TER081	220	'5465558_/_5465555'	6.5	10	10	1.768	3.5	10	3.88 No	1.768	Thermal Discharging
TER081	221	'478550117_/_5463382_1'	2.27	3.33	3.33	0.592	0.5	3.33	1.29 No	0.5	Element Fault
TER081	222	'8036850_/_64453452_1'	6.5	10	10	1.768	3.5	10	3.88 No	1.768	Thermal Discharging
TER081	223	'5465698_/_5467040'	6.2	10	10	1.768	3.5	10	3.88 No	1.768	Thermal Discharging
TER081	224	'43716757_/_487614527'	6.8	10	10	1.768	2.5	10	3.88 No	1.768	Thermal Discharging
TER081	225	'5473384_/_5473394'	2.83	3.33	3.33	0.592	0.5	3.33	1.29 No	0.5	Element Fault
TER081	226	'43715118_/_43715120'	7.3	10	10	1.768	2.5	10	3.88 No	1.768	Thermal Discharging
TER081	227	'5465678_/_5465696_1'	6.2	10	10	1.768	3.4	10	3.88 No	1.768	Thermal Discharging
TER081	228	'5462705_/_5463398_1'	2.33	3.33	3.33	0.592	0.5	3.33	1.29 No	0.5	Element Fault
TER081	229	'487614578_/_487614576'	6.7	10	10	1.768	2.5	10	3.88 No	1.768	Thermal Discharging
TER081	230	'5465592_/_5465696_2'	6	10	10	1.768	3.4	10	3.88 No	1.768	Thermal Discharging
TER081	231	'5468677_/_5468695'	6	10	10	1.768	3.5	10	3.88 No	1.768	Thermal Discharging
TER081	232	'44774377_/_5462131'	7.2	10	10	1.768	2.5	10	3.88 No	1.768	Thermal Discharging
TER081	233	'5463209_/_5463206_2'	2.37	3.33	3.33	0.592	0.5	3.33	1.29 No	0.5	Element Fault
TER081	234	'5462896_/_5462906'	2.97	3.33	3.33	0.592	0.5	3.33	1.29 No	0.5	Element Fault
TER081	235	'5462815_/_5462825'	2.87	3.33	3.33	0.592	0.5	3.33	1.29 No	0.5	Element Fault
TER081	236	'5462853_/_5462867'	2.87	3.33	3.33	0.592	0.5	3.33	1.29 No	0.5	Element Fault
TER081	237	'5463164_/_5463161'	2.33	3.33	3.33	0.592	0.83	3.33	1.29 No	0.592	Thermal Discharging
TER081	238	'5463072_/_487614601'	6.6	10	10	1.768	2.5	10	3.88 No	1.768	Thermal Discharging
TER081	239	'5465591_/_5465589'	5.7	10	10	1.768	3.4	10	3.88 No	1.768	Thermal Discharging
TER081	240	'43716650_/_5462961'	6	10	10	1.768	1.5	10	3.88 No	1.5	Element Fault
TER081	241	'67291770_/_5468675'	5.9	10	10	1.768	3.5	10	3.88 No	1.768	Thermal Discharging
TER081	242	'64453449_/_64453452_2'	5.8	10	10	1.768	3.5	10	3.88 No	1.768	Thermal Discharging
TER081	243	'66671891_/_5473639_1'	1.97	3.33	3.33	0.592	0.5	3.33	1.29 No	0.5	Element Fault
TER081	244	'49173610_/_49173607'	6.5	10	10	1.768	2.5	10	3.88 No	1.768	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TER081	245	'484378995_/_5463366_1'		2.2	3.33	3.33	0.592	0.5	3.33	1.29 No	0.5 Element Fault
TER081	246	'5463258_/_43716676'		5.8	10	10	1.768	1.5	10	3.88 No	1.5 Element Fault
TER081	247	'487614634_/_487614632'		6.6	10	10	1.768	2.5	10	3.88 No	1.768 Thermal Discharging
TER081	248	'5497996_/_5497993'		3.33	3.33	3.33	0.592	0.5	3.33	1.29 No	0.5 Element Fault
TER081	249	'5462747_/_5462893'		3.03	3.33	3.33	0.592	0.5	3.33	1.29 No	0.5 Element Fault
TER081	250	'5462692_/_5462702'		2.37	3.33	3.33	0.592	0.5	3.33	1.29 No	0.5 Element Fault
TER081	251	'5468582_/_5468579'		5.8	10	10	1.768	3.5	10	3.88 No	1.768 Thermal Discharging
TER081	252	'8036887_/_8036884'		4.5	10	10	1.768	2.6	10	3.88 No	1.768 Thermal Discharging
TER081	253	'66671922_/_5473639_2'		2	3.33	3.33	0.592	0.5	3.33	1.29 No	0.5 Element Fault
TER081	254	'9605616_/_484323187'		3.33	3.33	3.33	0.592	0.3	3.33	1.29 No	0.3 Element Fault
TER081	255	'5463033_/_487614651'		6.5	10	10	1.768	2.5	10	3.88 No	1.768 Thermal Discharging
TER081	256	'487614664_/_487614662'		6.5	10	10	1.768	2.5	10	3.88 No	1.768 Thermal Discharging
TER081	257	'5463073_/_5463070'		6.4	10	10	1.768	2.5	10	3.88 No	1.768 Thermal Discharging
TER081	258	'49482564_/_7197482_2'		6.3	10	10	1.768	2.5	10	3.88 No	1.768 Thermal Discharging
TER081	259	'478550072_/_5463031_1'		2.2	3.33	3.33	0.592	0.5	3.33	1.29 No	0.5 Element Fault
TER081	260	'350919968_/_5469722'		2.57	3.33	3.33	0.592	0.5	3.33	1.29 No	0.5 Element Fault
TER081	261	'436230426_/_5463087_1'		6.4	10	10	1.768	1.5	10	3.88 No	1.5 Element Fault
TER081	262	'5463349_/_487614687'		6.5	10	10	1.768	2.5	10	3.88 No	1.768 Thermal Discharging
TER081	263	'5473602_/_5474060'		5.6	10	10	1.768	3.5	10	3.88 No	1.768 Thermal Discharging
TER081	264	'7713534_/_8977175'		4.4	10	10	1.768	2.6	10	3.88 No	1.768 Thermal Discharging
TER081	265	'5463275_/_5463272'		5.3	10	10	1.768	1.5	10	3.88 No	1.5 Element Fault
TER081	266	'518469619_/_518469531_1'		6.5	10	10	1.768	1.5	10	3.88 No	1.5 Element Fault
TER081	267	'43716033_/_5463382_2'		2.33	3.33	3.33	0.592	0.5	3.33	1.29 No	0.5 Element Fault
TER081	268	'43716663_/_5463177'		2.37	3.33	3.33	0.592	0.83	3.33	1.29 No	0.592 Thermal Discharging
TER081	269	'7186324_/_7186321'		3.17	3.33	3.33	0.592	0.5	3.33	1.29 No	0.5 Element Fault
TER081	270	'64453490_/_64453522'		5.3	10	10	1.768	3.5	10	3.88 No	1.768 Thermal Discharging
TER081	271	'43716460_/_5473599'		5.6	10	10	1.768	3.5	10	3.88 No	1.768 Thermal Discharging
TER081	272	'5460285_/_487614718'		6.5	10	10	1.768	2.5	10	3.88 No	1.768 Thermal Discharging
TER081	273	'43716436_/_5473639_3'		2.03	3.33	3.33	0.592	0.5	3.33	1.29 No	0.5 Element Fault
TER081	274	'43718690_/_5465713'		5.1	10	10	1.768	3.4	10	3.88 No	1.768 Thermal Discharging
TER081	275	'5468714_/_5468738'		2.03	3.33	3.33	0.592	0.5	3.33	1.29 No	0.5 Element Fault
TER081	276	'5474026_/_5474040_1'		5.6	10	10	1.768	1.5	10	3.88 No	1.5 Element Fault
TER081	277	'5465994_/_5473582'		5.5	10	10	1.768	3.5	10	3.88 No	1.768 Thermal Discharging
TER081	278	'5466560_/_5466570'		2.1	3.33	3.33	0.592	1.13	3.33	1.29 No	0.592 Thermal Discharging
TER081	279	'5460284_/_487614741'		6.4	10	10	1.768	2.5	10	3.88 No	1.768 Thermal Discharging
TER081	280	'478550023_/_5462994_1'		6.4	10	10	1.768	1.5	10	3.88 No	1.5 Element Fault
TER081	281	'5463034_/_5463031_2'		2.2	3.33	3.33	0.592	0.5	3.33	1.29 No	0.5 Element Fault
TER081	282	'7713533_/_7713531'		4.2	10	10	1.768	2.6	10	3.88 No	1.768 Thermal Discharging
TER081	283	'5463292_/_5463289'		5.1	10	10	1.768	1.5	10	3.88 No	1.5 Element Fault
TER081	284	'5465977_/_5465991'		5.5	10	10	1.768	3.5	10	3.88 No	1.768 Thermal Discharging
TER081	285	'43716022_/_5463366_2'		2.23	3.33	3.33	0.592	0.5	3.33	1.29 No	0.5 Element Fault
TER081	286	'43718969_/_43716652'		5	10	10	1.768	1.5	10	3.88 No	1.5 Element Fault
TER081	287	'5463225_/_5463222'		2.4	3.33	3.33	0.592	0.5	3.33	1.29 No	0.5 Element Fault
TER081	288	'616782653_/_487614756'		6.4	10	10	1.768	2.5	10	3.88 No	1.768 Thermal Discharging
TER081	289	'43716687_/_7197482_1'		5.5	10	10	1.768	2.5	10	3.88 No	1.768 Thermal Discharging
TER081	290	'43716781_/_5462994_2'		6.4	10	10	1.768	1.5	10	3.88 No	1.5 Element Fault
TER081	291	'43716447_/_5465974'		5.4	10	10	1.768	3.5	10	3.88 No	1.768 Thermal Discharging
TER081	292	'5469725_/_43720064'		2.6	3.33	3.33	0.592	0.5	3.33	1.29 No	0.5 Element Fault
TER081	293	'5462802_/_5462812'		2.97	3.33	3.33	0.592	0.5	3.33	1.29 No	0.5 Element Fault
TER081	294	'5462760_/_5462757'		3.2	3.33	3.33	0.592	0.5	3.33	1.29 No	0.5 Element Fault
TER081	295	'5466547_/_5466557'		2.13	3.33	3.33	0.592	1.13	3.33	1.29 No	0.592 Thermal Discharging
TER081	296	'5463090_/_5463087_2'		5.4	10	10	1.768	1.5	10	3.88 No	1.5 Element Fault
TER081	297	'5462854_/_5462851'		3	3.33	3.33	0.592	0.5	3.33	1.29 No	0.5 Element Fault
TER081	298	'5462679_/_5462689'		2.43	3.33	3.33	0.592	0.5	3.33	1.29 No	0.5 Element Fault
TER081	299	'5473371_/_5473381'		2.97	3.33	3.33	0.592	0.5	3.33	1.29 No	0.5 Element Fault
TER081	300	'43719900_/_5468712'		2.1	3.33	3.33	0.592	0.5	3.33	1.29 No	0.5 Element Fault
TER081	301	'5466051_/_5466068'		5.3	10	10	1.768	3.5	10	3.88 No	1.768 Thermal Discharging
TER081	302	'43716186_/_43716188'		3.13	3.33	3.33	0.592	0.5	3.33	1.29 No	0.5 Element Fault
TER081	303	'5462731_/_5462744'		3.27	3.33	3.33	0.592	0.5	3.33	1.29 No	0.5 Element Fault
TER081	304	'5465463_/_5465473'		2.1	3.33	3.33	0.592	0.5	3.33	1.29 No	0.5 Element Fault
TER081	305	'5465575_/_43718692'		4.7	10	10	1.768	3.4	10	3.88 No	1.768 Thermal Discharging
TER081	306	'43716256_/_5436444'		2.97	3.33	3.33	0.592	0.5	3.33	1.29 No	0.5 Element Fault
TER081	307	'5466050_/_5466048'		5.3	10	10	1.768	3.5	10	3.88 No	1.768 Thermal Discharging
TER081	308	'5498012_/_5498009'		2.63	3.33	3.33	0.592	0.5	3.33	1.29 No	0.5 Element Fault
TER081	309	'8036749_/_9290801_3'		5.3	10	10	1.768	3.5	10	3.88 No	1.768 Thermal Discharging
TER081	310	'43716770_/_5463044'		2.2	3.33	3.33	0.592	0.5	3.33	1.29 No	0.5 Element Fault
TER081	311	'5462678_/_5462676'		2.47	3.33	3.33	0.592	0.5	3.33	1.29 No	0.5 Element Fault
TER081	312	'43716414_/_5466544'		2.17	3.33	3.33	0.592	1.13	3.33	1.29 No	0.592 Thermal Discharging
TER081	313	'5473621_/_5474040_2'		4.7	10	10	1.768	1.5	10	3.88 No	1.5 Element Fault
TER081	314	'5463312_/_5463309'		4.5	10	10	1.768	1.5	10	3.88 No	1.5 Element Fault
TER081	315	'8332647_/_518469531_2'		5.2	10	10	1.768	1.5	10	3.88 No	1.5 Element Fault
TER081	316	'5463196_/_43716665'		2.4	3.33	3.33	0.592	0.83	3.33	1.29 No	0.592 Thermal Discharging
TER081	317	'5462653_/_5462663'		2.37	3.33	3.33	0.592	0.5	3.33	1.29 No	0.5 Element Fault
TER081	318	'394762820_/_417259244_2'		4.5	10	10	1.768	1.5	10	3.88 No	1.5 Element Fault
TER081	319	'5463014_/_5463011'		5.2	10	10	1.768	1.5	10	3.88 No	1.5 Element Fault
TER081	320	'8332746_/_8977195'		3.9	10	10	1.768	2.6	10	3.88 No	1.768 Thermal Discharging
TER081	321	'7713362_/_8658038_1'		5.2	10	10	1.768	0.9	10	3.88 No	0.9 Element Fault
TER081	322	'417259240_/_417259244_1'		4.5	10	10	1.768	1.5	10	3.88 No	1.5 Element Fault
TER081	323	'5465450_/_5465460'		2.1	3.33	3.33	0.592	0.5	3.33	1.29 No	0.5 Element Fault
TER081	324	'7387023_/_9290801_2'		4.9	10	10	1.768	3.5	10	3.88 No	1.768 Thermal Discharging
TER081	325	'5468614_/_43719902'		2.1	3.33	3.33	0.592	0.5	3.33	1.29 No	0.5 Element Fault
TER081	326	'5464029_/_43718971'		4.4	10	10	1.768	1.5	10	3.88 No	1.5 Element Fault
TER081	327	'43718714_/_5465642'		4.4	10	10	1.768	3.4	10	3.88 No	1.768 Thermal Discharging
TER081	328	'5466031_/_9290801_1'		4.8	10	10	1.768	3.5	10	3.88 No	1.768 Thermal Discharging
TER081	329	'5463369_/_43716024'		2.3	3.33	3.33	0.592	0.5	3.33	1.29 No	0.5 Element Fault
TER081	330	'5462773_/_5462770'		3.33	3.33	3.33	0.592	0.5	3.33	1.29 No	0.5 Element Fault
TER081	331	'5473316_/_5473313'		3.13	3.33	3.33	0.592	0.5	3.33	1.29 No	0.5 Element Fault
TER081	332	'8658041_/_8658038_2'		4.8	10	10	1.768	0.9	10	3.88 No	0.9 Element Fault
TER081	333	'43719216_/_5466028'		4.8	10	10	1.768	3.5	10	3.88 No	1.768 Thermal Discharging
TER081	334	'5465398_/_5465408'		2.2	3.33	3.33	0.592	1.13	3.33	1.29 No	0.592 Thermal Discharging
TER081	335	'8332747_/_8332744'		3.7	10	10	1.768	2.6	10	3.88 No	1.768 Thermal Discharging
TER081	336	'416306300_/_416306297'		4.2	10	10	1.768	1.5	10	3.88 No	1.5 Element Fault
TER081	337	'5465437_/_5465447'		2.13	3.33	3.33	0.592	0.5	3.33	1.29 No	0.5 Element Fault
TER081	338	'5467181_/_5467179'		4.5	10	10	1.768	3.5	10	3.88 No	1.768 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TER081	339	'5468598_/_5468612'		2.13	3.33	3.33	0.592	0.5	3.33	1.29 No	0.5 Element Fault
TER081	340	'5436243_/_5466008'		4.7	10	10	1.768	3.5	10	3.88 No	1.768 Thermal Discharging
TER081	341	'416306404_/_416306350_1'		4.2	10	10	1.768	1.5	10	3.88 No	1.5 Element Fault
TER081	342	'417259285_/_417259304'		4.1	10	10	1.768	1.5	10	3.88 No	1.5 Element Fault
TER081	343	'416306331_/_416306350_2'		4.1	10	10	1.768	1.5	10	3.88 No	1.5 Element Fault
TER081	344	'5473410_/_5473407'		4.6	10	10	1.768	1.5	10	3.88 No	1.5 Element Fault
TER081	345	'43715852_/_5436240'		4.7	10	10	1.768	3.5	10	3.88 No	1.768 Thermal Discharging
TER081	346	'5468640_/_5473619'		4.2	10	10	1.768	1.5	10	3.88 No	1.5 Element Fault
TER081	347	'5463110_/_5463107'		4.3	10	10	1.768	1.5	10	3.88 No	1.5 Element Fault
TER081	348	'7386916_/_8332644'		4.5	10	10	1.768	1.5	10	3.88 No	1.5 Element Fault
TER081	349	'5467202_/_5467219_1'		4.4	10	10	1.768	1.5	10	3.88 No	1.5 Element Fault
TER081	350	'5465645_/_43718716'		4.1	10	10	1.768	3.4	10	3.88 No	1.768 Thermal Discharging
TER081	351	'5465397_/_5465395'		2.2	3.33	3.33	0.592	1.13	3.33	1.29 No	0.592 Thermal Discharging
TER081	352	'43716088_/_5462728'		3.33	3.33	3.33	0.592	0.5	3.33	1.29 No	0.5 Element Fault
TER081	353	'43719865_/_5436223'		4.6	10	10	1.768	3.5	10	3.88 No	1.768 Thermal Discharging
TER081	354	'5468599_/_5468596'		2.13	3.33	3.33	0.592	0.5	3.33	1.29 No	0.5 Element Fault
TER081	355	'5462789_/_5462786'		3.33	3.33	3.33	0.592	0.5	3.33	1.29 No	0.5 Element Fault
TER081	356	'473686176_/_473686199'		4.5	10	10	1.768	1.5	10	3.88 No	1.5 Element Fault
TER081	357	'8036729_/_9290721'		3.5	10	10	1.768	2.6	10	3.88 No	1.768 Thermal Discharging
TER081	358	'43718982_/_5464124'		3.9	10	10	1.768	1.5	10	3.88 No	1.5 Element Fault
TER081	359	'5436208_/_5436206'		4.6	10	10	1.768	3.5	10	3.88 No	1.768 Thermal Discharging
TER081	360	'5461974_/_5462799'		3.33	3.33	3.33	0.592	0.5	3.33	1.29 No	0.5 Element Fault
TER081	361	'43716425_/_5465434'		2.17	3.33	3.33	0.592	0.5	3.33	1.29 No	0.5 Element Fault
TER081	362	'43715838_/_43715841'		4.5	10	10	1.768	3.5	10	3.88 No	1.768 Thermal Discharging
TER081	363	'43716208_/_43716210'		3.27	3.33	3.33	0.592	0.5	3.33	1.29 No	0.5 Element Fault
TER081	364	'5465873_/_5465886'		3.9	10	10	1.768	3.4	10	3.88 No	1.768 Thermal Discharging
TER081	365	'8036870_/_9290897_2'		2.17	3.33	3.33	0.592	0.5	3.33	1.29 No	0.5 Element Fault
TER081	366	'70277357_/_70128983_2'		4.5	10	10	1.768	3.5	10	3.88 No	1.768 Thermal Discharging
TER081	367	'5436420_/_5436418'		3.33	3.33	3.33	0.592	0.5	3.33	1.29 No	0.5 Element Fault
TER081	368	'43716077_/_5462650'		2.43	3.33	3.33	0.592	0.5	3.33	1.29 No	0.5 Element Fault
TER081	369	'43716703_/_43716691'		4	10	10	1.768	2.5	10	3.88 No	1.768 Thermal Discharging
TER081	370	'5473427_/_5473424_1'		4.1	10	10	1.768	1.5	10	3.88 No	1.5 Element Fault
TER081	371	'5463060_/_43716772'		2.27	3.33	3.33	0.592	0.5	3.33	1.29 No	0.5 Element Fault
TER081	372	'5467222_/_5467219_2'		4	10	10	1.768	1.5	10	3.88 No	1.5 Element Fault
TER081	373	'7386915_/_7386913'		4	10	10	1.768	1.5	10	3.88 No	1.5 Element Fault
TER081	374	'43720220_/_5473424_2'		4.1	10	10	1.768	1.5	10	3.88 No	1.5 Element Fault
TER081	375	'5473571_/_5474077'		1.6	3.33	3.33	0.592	0.5	3.33	1.29 No	0.5 Element Fault
TER081	376	'73006761_/_73006766'		3.3	10	10	1.768	2.6	10	3.88 No	1.768 Thermal Discharging
TER081	377	'5456068_/_5468638'		3.7	10	10	1.768	1.5	10	3.88 No	1.5 Element Fault
TER081	378	'5436619_/_5465421'		2.2	3.33	3.33	0.592	0.5	3.33	1.29 No	0.5 Element Fault
TER081	379	'43716245_/_5436457'		3.33	3.33	3.33	0.592	0.5	3.33	1.29 No	0.5 Element Fault
TER081	380	'8977436_/_9290897_1'		2.17	3.33	3.33	0.592	0.3	3.33	1.29 No	0.3 Element Fault
TER081	381	'5465860_/_5465870'		1.23	3.33	3.33	0.592	1.13	3.33	1.29 No	0.592 Thermal Discharging
TER081	382	'5464127_/_43718984'		3.6	10	10	1.768	1.5	10	3.88 No	1.5 Element Fault
TER081	383	'73006853_/_73006864'		3.3	10	10	1.768	2.6	10	3.88 No	1.768 Thermal Discharging
TER081	384	'43716716_/_43716705'		3.8	10	10	1.768	2.5	10	3.88 No	1.768 Thermal Discharging
TER081	385	'43720236_/_43720222'		3.9	10	10	1.768	1.5	10	3.88 No	1.5 Element Fault
TER081	386	'73006805_/_73006882'		3.2	10	10	1.768	2.6	10	3.88 No	1.768 Thermal Discharging
TER081	387	'5463127_/_5463124'		3.7	10	10	1.768	1.5	10	3.88 No	1.5 Element Fault
TER081	388	'49934895_/_9605781_2'		1.6	3.33	3.33	0.592	0.5	3.33	1.29 No	0.5 Element Fault
TER081	389	'8332706_/_8977095'		3.8	10	10	1.768	1.5	10	3.88 No	1.5 Element Fault
TER081	390	'5468415_/_5468412'		3.5	10	10	1.768	3.4	10	3.88 No	1.768 Thermal Discharging
TER081	391	'5466321_/_5467239'		3.7	10	10	1.768	1.5	10	3.88 No	1.5 Element Fault
TER081	392	'5461945_/_5462715'		3.33	3.33	3.33	0.592	0.5	3.33	1.29 No	0.5 Element Fault
TER081	393	'5436606_/_5436616'		2.23	3.33	3.33	0.592	0.5	3.33	1.29 No	0.5 Element Fault
TER081	394	'5465859_/_5465857'		1.2	3.33	3.33	0.592	1.13	3.33	1.29 No	0.592 Thermal Discharging
TER081	395	'44053795_/_43720238'		3.7	10	10	1.768	1.5	10	3.88 No	1.5 Element Fault
TER081	396	'5465919_/_5465916_2'		1.2	3.33	3.33	0.592	1.13	3.33	1.29 No	0.592 Thermal Discharging
TER081	397	'5469738_/_5469735'		2.33	3.33	3.33	0.592	0.5	3.33	1.29 No	0.5 Element Fault
TER081	398	'483700842_/_8439277'		3.4	10	10	1.768	1.5	10	3.88 No	1.5 Element Fault
TER081	399	'5461973_/_5461971'		3.33	3.33	3.33	0.592	0.5	3.33	1.29 No	0.5 Element Fault
TER081	400	'5462639_/_5462637'		2.5	3.33	3.33	0.592	0.5	3.33	1.29 No	0.5 Element Fault
TER081	401	'7713341_/_8332704'		3.5	10	10	1.768	1.5	10	3.88 No	1.5 Element Fault
TER081	402	'5456392_/_5456389'		1.27	3.33	3.33	0.592	0.5	3.33	1.29 No	0.5 Element Fault
TER081	403	'5466101_/_5466098'		3.3	10	10	1.768	1.5	10	3.88 No	1.5 Element Fault
TER081	404	'5473370_/_5473368'		3.33	3.33	3.33	0.592	0.5	3.33	1.29 No	0.5 Element Fault
TER081	405	'5468658_/_5468655'		3.3	10	10	1.768	3.4	10	3.88 No	1.768 Thermal Discharging
TER081	406	'8036730_/_8036727'		3	10	10	1.768	2.6	10	3.88 No	1.768 Thermal Discharging
TER081	407	'7713773_/_8977449'		3.3	10	10	1.768	3.4	10	3.88 No	1.768 Thermal Discharging
TER081	408	'49934904_/_7713771_1'		3.3	10	10	1.768	2.5	10	3.88 No	1.768 Thermal Discharging
TER081	409	'5473555_/_5473569'		1.63	3.33	3.33	0.592	0.5	3.33	1.29 No	0.5 Element Fault
TER081	410	'394854847_/_5463144'		3.3	10	10	1.768	1.5	10	3.88 No	1.5 Element Fault
TER081	411	'5436593_/_5436603'		2.3	3.33	3.33	0.592	0.5	3.33	1.29 No	0.5 Element Fault
TER081	412	'5465834_/_5465916_1'		1.13	3.33	3.33	0.592	0.5	3.33	1.29 No	0.5 Element Fault
TER081	413	'5466322_/_5466319'		3.4	10	10	1.768	1.5	10	3.88 No	1.5 Element Fault
TER081	414	'7713854_/_8977433'		2.2	3.33	3.33	0.592	0.3	3.33	1.29 No	0.3 Element Fault
TER081	415	'7713342_/_7713339'		3.4	10	10	1.768	1.5	10	3.88 No	1.5 Element Fault
TER081	416	'8333274_/_9605781_1'		1.63	3.33	3.33	0.592	0.3	3.33	1.29 No	0.3 Element Fault
TER081	417	'8036690_/_8332724'		2.9	10	10	1.768	2.6	10	3.88 No	1.768 Thermal Discharging
TER081	418	'5436580_/_5436590'		2.33	3.33	3.33	0.592	0.5	3.33	1.29 No	0.5 Element Fault
TER081	419	'5466118_/_5466115'		3.1	10	10	1.768	1.5	10	3.88 No	1.5 Element Fault
TER081	420	'5463605_/_43716068'		2.57	3.33	3.33	0.592	0.5	3.33	1.29 No	0.5 Element Fault
TER081	421	'5465611_/_5465844'		1.07	3.33	3.33	0.592	0.5	3.33	1.29 No	0.5 Element Fault
TER081	422	'5461944_/_5461942'		3.33	3.33	3.33	0.592	0.5	3.33	1.29 No	0.5 Element Fault
TER081	423	'5465821_/_5465831'		1.07	3.33	3.33	0.592	0.5	3.33	1.29 No	0.5 Element Fault
TER081	424	'37913876_/_7713771_2'		3.1	10	10	1.768	2.5	10	3.88 No	1.768 Thermal Discharging
TER081	425	'37913862_/_37913880'		3.1	10	10	1.768	2.5	10	3.88 No	1.768 Thermal Discharging
TER081	426	'37913861_/_37913859'		3.1	10	10	1.768	2.5	10	3.88 No	1.768 Thermal Discharging
TER081	427	'37913904_/_37913908'		3.1	10	10	1.768	2.5	10	3.88 No	1.768 Thermal Discharging
TER081	428	'37913890_/_37913894'		3.1	10	10	1.768	2.5	10	3.88 No	1.768 Thermal Discharging
TER081	429	'5436567_/_5436577'		2.37	3.33	3.33	0.592	0.5	3.33	1.29 No	0.5 Element Fault
TER081	430	'5465948_/_5465945'		1.27	3.33	3.33	0.592	0.5	3.33	1.29 No	0.5 Element Fault
TER081	431	'5466254_/_5466336'		3.1	10	10	1.768	1.5	10	3.88 No	1.5 Element Fault
TER081	432	'5436460_/_43716247'		2.63	3.33	3.33	0.592	0.5	3.33	1.29 No	0.5 Element Fault

Feeder Name	Feeder ID	Node	Primary Over- Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TER081	433	'67291665_/5465330_1'		2.37	3.33	3.33	0.592	0.3	3.33	1.29 No	0.3 Element Fault
TER081	434	'8439280_/483700846'		3	10	10	1.768	1.5	10	3.88 No	1.5 Element Fault
TER081	435	'8332906_/8332904'		3	10	10	1.768	2.5	10	3.88 No	1.768 Thermal Discharging
TER081	436	'43716730_/43716718'		3.1	10	10	1.768	2.5	10	3.88 No	1.768 Thermal Discharging
TER081	437	'5473556_/5473553'		1.67	3.33	3.33	0.592	0.5	3.33	1.29 No	0.5 Element Fault
TER081	438	'150183400_/5465330_2'		2.4	3.33	3.33	0.592	0.3	3.33	1.29 No	0.3 Element Fault
TER081	439	'5466255_/5466252'		3	10	10	1.768	1.5	10	3.88 No	1.5 Element Fault
TER081	440	'5465333_/5465330_3'		2.43	3.33	3.33	0.592	0.3	3.33	1.29 No	0.3 Element Fault
TER081	441	'5465964_/5465961_1'		1.27	3.33	3.33	0.592	0.5	3.33	1.29 No	0.5 Element Fault
TER081	442	'8657726_/9290701'		2.9	10	10	1.768	2.5	10	3.88 No	1.768 Thermal Discharging
TER081	443	'5465788_/5465818'		0.97	3.33	3.33	0.592	0.5	3.33	1.29 No	0.5 Element Fault
TER081	444	'5466272_/5466269'		2.9	10	10	1.768	1.5	10	3.88 No	1.5 Element Fault
TER081	445	'5436279_/5466132'		2.8	10	10	1.768	1.5	10	3.88 No	1.5 Element Fault
TER081	446	'43718703_/5465609'		0.97	3.33	3.33	0.592	0.5	3.33	1.29 No	0.5 Element Fault
TER081	447	'483700804_/483700892'		2.8	10	10	1.768	1.5	10	3.88 No	1.5 Element Fault
TER081	448	'43718185_/5465961_2'		1.27	3.33	3.33	0.592	0.5	3.33	1.29 No	0.5 Element Fault
TER081	449	'8977472_/8977469'		2.8	10	10	1.768	2.5	10	3.88 No	1.768 Thermal Discharging
TER081	450	'7713853_/7713851'		2.3	3.33	3.33	0.592	0.3	3.33	1.29 No	0.3 Element Fault
TER081	451	'40099050_/8333272_1'		1.77	3.33	3.33	0.592	0.3	3.33	1.29 No	0.3 Element Fault
TER081	452	'124947117_/5436277'		2.7	10	10	1.768	1.5	10	3.88 No	1.5 Element Fault
TER081	453	'8657727_/8657724'		2.7	10	10	1.768	2.5	10	3.88 No	1.768 Thermal Discharging
TER081	454	'5436554_/5436564'		2.47	3.33	3.33	0.592	0.5	3.33	1.29 No	0.5 Element Fault
TER081	455	'124947143_/8332780_1'		2.7	10	10	1.768	0.9	10	3.88 No	0.9 Element Fault
TER081	456	'5436191_/5466286'		2.7	10	10	1.768	1.5	10	3.88 No	1.5 Element Fault
TER081	457	'67291716_/5436655'		2.47	3.33	3.33	0.592	0.3	3.33	1.29 No	0.3 Element Fault
TER081	458	'67291703_/5436668_1'		2.47	3.33	3.33	0.592	0.1	3.33	1.29 No	0.1 Element Fault
TER081	459	'5465346_/5465343'		2.5	3.33	3.33	0.592	0.3	3.33	1.29 No	0.3 Element Fault
TER081	460	'150183438_/5436642_1'		2.5	3.33	3.33	0.592	0.1	3.33	1.29 No	0.1 Element Fault
TER081	461	'5465612_/43718705'		0.9	3.33	3.33	0.592	0.5	3.33	1.29 No	0.5 Element Fault
TER081	462	'43716380_/5436668_2'		2.53	3.33	3.33	0.592	0.1	3.33	1.29 No	0.1 Element Fault
TER081	463	'43716744_/43716732'		2.6	10	10	1.768	2.5	10	3.88 No	1.768 Thermal Discharging
TER081	464	'5465762_/5465805'		0.87	3.33	3.33	0.592	0.5	3.33	1.29 No	0.5 Element Fault
TER081	465	'5466356_/43718187'		1.3	3.33	3.33	0.592	0.5	3.33	1.29 No	0.5 Element Fault
TER081	466	'8332783_/8332780_2'		2.5	10	10	1.768	0.9	10	3.88 No	0.9 Element Fault
TER081	467	'5436553_/5436551'		2.57	3.33	3.33	0.592	0.5	3.33	1.29 No	0.5 Element Fault
TER081	468	'43718159_/5436189'		2.5	10	10	1.768	1.5	10	3.88 No	1.5 Element Fault
TER081	469	'89777218_/89777215'		2.5	10	10	1.768	2.5	10	3.88 No	1.768 Thermal Discharging
TER081	470	'5436632_/5436642_2'		2.6	3.33	3.33	0.592	0.1	3.33	1.29 No	0.1 Element Fault
TER081	471	'43716334_/5465772'		0.83	3.33	3.33	0.592	0.5	3.33	1.29 No	0.5 Element Fault
TER081	472	'5436687_/5436684'		2.63	3.33	3.33	0.592	0.1	3.33	1.29 No	0.1 Element Fault
TER081	473	'5465359_/5465356'		2.63	3.33	3.33	0.592	0.3	3.33	1.29 No	0.3 Element Fault
TER081	474	'5436631_/5436629'		2.67	3.33	3.33	0.592	0.1	3.33	1.29 No	0.1 Element Fault
TER081	475	'604193412_/604193461'		2.4	10	10	1.768	2.5	10	3.88 No	1.768 Thermal Discharging
TER081	476	'5466372_/5466369'		1.3	3.33	3.33	0.592	0.5	3.33	1.29 No	0.5 Element Fault
TER081	477	'5466205_/5466202'		2.4	10	10	1.768	1.5	10	3.88 No	1.5 Element Fault
TER081	478	'5466385_/5466382'		1.3	3.33	3.33	0.592	0.5	3.33	1.29 No	0.5 Element Fault
TER081	479	'5465252_/5465262'		2.73	3.33	3.33	0.592	0.1	3.33	1.29 No	0.1 Element Fault
TER081	480	'5436700_/5436697'		2.73	3.33	3.33	0.592	0.1	3.33	1.29 No	0.1 Element Fault
TER081	481	'5465746_/5465759'		0.8	3.33	3.33	0.592	0.5	3.33	1.29 No	0.5 Element Fault
TER081	482	'43716323_/5436538'		0.8	3.33	3.33	0.592	0.5	3.33	1.29 No	0.5 Element Fault
TER081	483	'604193430_/604193477'		2.3	10	10	1.768	2.5	10	3.88 No	1.768 Thermal Discharging
TER081	484	'43716391_/5465369'		2.77	3.33	3.33	0.592	0.3	3.33	1.29 No	0.3 Element Fault
TER081	485	'7197468_/43716746'		2.3	10	10	1.768	2.5	10	3.88 No	1.768 Thermal Discharging
TER081	486	'5466601_/5466625'		2.83	3.33	3.33	0.592	0.5	3.33	1.29 No	0.5 Element Fault
TER081	487	'67291651_/5466599_1'		2.87	3.33	3.33	0.592	0.3	3.33	1.29 No	0.3 Element Fault
TER081	488	'43716369_/5473490'		2.93	3.33	3.33	0.592	0.1	3.33	1.29 No	0.1 Element Fault
TER081	489	'43718196_/5466395'		1.33	3.33	3.33	0.592	0.5	3.33	1.29 No	0.5 Element Fault
TER081	490	'5456311_/5465249'		3.17	3.33	3.33	0.592	0.1	3.33	1.29 No	0.1 Element Fault
TER081	491	'5436713_/5436710'		2.93	3.33	3.33	0.592	0.1	3.33	1.29 No	0.1 Element Fault
TER081	492	'5465733_/5465743'		0.73	3.33	3.33	0.592	0.5	3.33	1.29 No	0.5 Element Fault
TER081	493	'43719595_/5466599_2'		2.63	3.33	3.33	0.592	0.3	3.33	1.29 No	0.3 Element Fault
TER081	494	'7386957_/604193434'		2.1	10	10	1.768	2.5	10	3.88 No	1.768 Thermal Discharging
TER081	495	'5436408_/5473477'		2.57	3.33	3.33	0.592	0.1	3.33	1.29 No	0.1 Element Fault
TER081	496	'5461305_/5466222'		2.1	10	10	1.768	1.5	10	3.88 No	1.5 Element Fault
TER081	497	'7386958_/7386955'		2.1	10	10	1.768	2.5	10	3.88 No	1.768 Thermal Discharging
TER081	498	'43716403_/43716393'		2.5	3.33	3.33	0.592	0.3	3.33	1.29 No	0.3 Element Fault
TER081	499	'43716311_/43716313'		0.73	3.33	3.33	0.592	0.5	3.33	1.29 No	0.5 Element Fault
TER081	500	'43718201_/43718198'		1.33	3.33	3.33	0.592	0.5	3.33	1.29 No	0.5 Element Fault
TER081	501	'43716300_/5465730'		0.7	3.33	3.33	0.592	0.5	3.33	1.29 No	0.5 Element Fault
TER081	502	'5456310_/5465308'		2.4	3.33	3.33	0.592	0.1	3.33	1.29 No	0.1 Element Fault
TER081	503	'5461306_/5461303'		2.1	10	10	1.768	1.5	10	3.88 No	1.5 Element Fault
TER081	504	'5465319_/5466583'		2.33	3.33	3.33	0.592	0.3	3.33	1.29 No	0.3 Element Fault
TER081	505	'5465226_/5465223'		2.37	3.33	3.33	0.592	0.1	3.33	1.29 No	0.1 Element Fault
TER081	506	'7713573_/9290761'		2.1	10	10	1.768	2.5	10	3.88 No	1.768 Thermal Discharging
TER081	507	'7387003_/7713571'		2.1	10	10	1.768	2.5	10	3.88 No	1.768 Thermal Discharging
TER081	508	'7387002_/7387000'		2	10	10	1.768	2.5	10	3.88 No	1.768 Thermal Discharging
TER081	509	'45170065_/5466152'		0.7	3.33	3.33	0.592	0.5	3.33	1.29 No	0.5 Element Fault
TER081	510	'5465294_/5465304'		2.23	3.33	3.33	0.592	0.1	3.33	1.29 No	0.1 Element Fault
TER081	511	'43715734_/5436405'		2.2	3.33	3.33	0.592	0.1	3.33	1.29 No	0.1 Element Fault
TER081	512	'5467292_/5467290'		2.2	3.33	3.33	0.592	0.1	3.33	1.29 No	0.1 Element Fault
TER081	513	'43718172_/5461320'		2	10	10	1.768	1.5	10	3.88 No	1.5 Element Fault
TER081	514	'43716289_/5436512'		0.67	3.33	3.33	0.592	0.5	3.33	1.29 No	0.5 Element Fault
TER081	515	'5465385_/43716405'		2.1	3.33	3.33	0.592	0.3	3.33	1.29 No	0.3 Element Fault
TER081	516	'5465320_/5465317'		2.07	3.33	3.33	0.592	0.3	3.33	1.29 No	0.3 Element Fault
TER081	517	'7713593_/8333040'		1.9	10	10	1.768	2.5	10	3.88 No	1.768 Thermal Discharging
TER081	518	'5465281_/5465291'		2.07	3.33	3.33	0.592	0.1	3.33	1.29 No	0.1 Element Fault
TER081	519	'5465239_/5465236'		2.03	3.33	3.33	0.592	0.1	3.33	1.29 No	0.1 Element Fault
TER081	520	'5436260_/43718174'		1.9	10	10	1.768	1.5	10	3.88 No	1.5 Element Fault
TER081	521	'7713594_/7713591'		1.9	10	10	1.768	2.5	10	3.88 No	1.768 Thermal Discharging
TER081	522	'5436501_/5436499'		0.63	3.33	3.33	0.592	0.5	3.33	1.29 No	0.5 Element Fault
TER081	523	'153862763_/8657744_1'		1.9	10	10	1.768	0.9	10	3.88 No	0.9 Element Fault
TER081	524	'43715722_/43715724'		1.9	3.33	3.33	0.592	0.1	3.33	1.29 No	0.1 Element Fault
TER081	525	'5465280_/5465278'		1.9	3.33	3.33	0.592	0.1	3.33	1.29 No	0.1 Element Fault
TER081	526	'5465906_/5465903'		1.9	3.33	3.33	0.592	0.1	3.33	1.29 No	0.1 Element Fault

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TER081	527	'8332803_/_8332820'	1.8	10	10	1.768	2.5	10	3.88 No	1.768	Thermal Discharging
TER081	528	'5436369_/_5436379'	1.8	3.33	3.33	0.592	0.1	3.33	1.29 No	0.1	Element Fault
TER081	529	'7713613_/_8332800'	1.8	10	10	1.768	2.5	10	3.88 No	1.768	Thermal Discharging
TER081	530	'43719229_/_5466085'	1.77	3.33	3.33	0.592	0.1	3.33	1.29 No	0.1	Element Fault
TER081	531	'7713614_/_7713611'	1.7	10	10	1.768	2.5	10	3.88 No	1.7	Primary Over-Voltage
TER081	532	'5436356_/_5436366'	1.67	3.33	3.33	0.592	0.1	3.33	1.29 No	0.1	Element Fault
TER081	533	'8036709_/_8036707'	1.7	10	10	1.768	2.5	10	3.88 No	1.7	Primary Over-Voltage
TER081	534	'5466088_/_43719231'	1.63	3.33	3.33	0.592	0.1	3.33	1.29 No	0.1	Element Fault
TER081	535	'37913393_/_8657744_2'	1.7	10	10	1.768	0.9	10	3.88 No	0.9	Element Fault
TER081	536	'37913372_/_37913397'	1.7	10	10	1.768	0.9	10	3.88 No	0.9	Element Fault
TER081	537	'37913379_/_37913376'	1.7	10	10	1.768	0.9	10	3.88 No	0.9	Element Fault
TER081	538	'404447854_/_404447851'	1.7	10	10	1.768	0.9	10	3.88 No	0.9	Element Fault
TER081	539	'37913365_/_37913369'	1.7	10	10	1.768	0.9	10	3.88 No	0.9	Element Fault
TER081	540	'8036669_/_9605593'	1.6	10	10	1.768	2.5	10	3.88 No	1.6	Primary Over-Voltage
TER081	541	'5436343_/_5436353'	1.57	3.33	3.33	0.592	0.1	3.33	1.29 No	0.1	Element Fault
TER081	542	'8036670_/_8036667_1'	1.6	10	10	1.768	2.6	10	3.88 No	1.6	Primary Over-Voltage
TER081	543	'7386977_/_7386975'	1.6	10	10	1.768	0.9	10	3.88 No	0.9	Element Fault
TER081	544	'43719854_/_5436340'	1.5	3.33	3.33	0.592	0.1	3.33	1.29 No	0.1	Element Fault
TER081	545	'37913470_/_8977275'	1.3	10	10	1.768	0.9	10	3.88 No	0.9	Element Fault
TER081	546	'37913463_/_37913467'	1.3	10	10	1.768	0.9	10	3.88 No	0.9	Element Fault
TER081	547	'404447977_/_404447966'	1.3	10	10	1.768	0.9	10	3.88 No	0.9	Element Fault
TER081	548	'37913477_/_37913481'	1.3	10	10	1.768	0.9	10	3.88 No	0.9	Element Fault
TER081	549	'37913456_/_37913460'	1.3	10	10	1.768	0.9	10	3.88 No	0.9	Element Fault
TER081	550	'7713634_/_7713631'	1.3	10	10	1.768	0.9	10	3.88 No	0.9	Element Fault
TER081	551	'37913421_/_7387040'	1.2	10	10	1.768	0.9	10	3.88 No	0.9	Element Fault
TER081	552	'37913414_/_37913418'	1.2	10	10	1.768	0.9	10	3.88 No	0.9	Element Fault
TER081	553	'404448080_/_37913411_2'	1.2	10	10	1.768	0.9	10	3.88 No	0.9	Element Fault
TER081	554	'37913435_/_37913439'	1.2	10	10	1.768	0.9	10	3.88 No	0.9	Element Fault
TER081	555	'404448081_/_404448078'	1.2	10	10	1.768	0.9	10	3.88 No	0.9	Element Fault
TER081	556	'37913407_/_37913411_1'	1.2	10	10	1.768	0.9	10	3.88 No	0.9	Element Fault
TER081	557	'9290743_/_411278896'	1.2	10	10	1.768	0.9	10	3.88 No	0.9	Element Fault
TER081	558	'411279295_/_411278873'	1.2	10	10	1.768	0.9	10	3.88 No	0.9	Element Fault
TER081	559	'8332767_/_8332764'	0.53	3.2	3.33	0.592	0.3	3.33	1.29 No	0.3	Element Fault
TER081	560	'8110717_/_411279122'	1.1	9.3	10	1.768	0.9	10	3.88 No	0.9	Element Fault
TER081	561	'43716820_/_5466680'	3.33	1.4	3.33	0.592	0.1	0.83	1.29 No	0.1	Element Fault
TER081	562	'8332870_/_43716822'	3.33	1.4	3.33	0.592	0.1	0.8	1.29 No	0.1	Element Fault
TER082	0	'TER082_/_9646567'	10	10	10	1.6	10	10	6.47 No	1.6	Thermal Discharging
TER082	1	'7440968_/_9646567'	10	10	10	1.6	10	10	6.47 No	1.6	Thermal Discharging
TER082	2	'7440969_/_7440966'	10	10	10	1.6	10	10	6.47 No	1.6	Thermal Discharging
TER082	3	'8075338_/_8075335'	10	10	10	1.6	10	10	6.47 No	1.6	Thermal Discharging
TER082	4	'8075398_/_8075395'	10	10	10	1.6	10	10	6.47 No	1.6	Thermal Discharging
TER082	5	'54732999_/_54733286'	10	10	10	1.6	10	10	6.47 No	1.6	Thermal Discharging
TER082	6	'404334320_/_444067084'	10	10	10	1.6	10	10	6.47 No	1.6	Thermal Discharging
TER082	7	'54732975_/_444067076'	10	10	10	1.6	10	10	6.47 No	1.6	Thermal Discharging
TER082	8	'54732987_/_444067100'	10	10	10	1.6	10	10	6.47 No	1.6	Thermal Discharging
TER082	9	'444067094_/_444067092'	10	10	10	1.6	4.6	10	6.47 No	1.6	Thermal Discharging
TER082	10	'54733129_/_54733249'	10	10	10	1.6	10	10	6.47 No	1.6	Thermal Discharging
TER082	11	'239577547_/_239577558'	10	10	10	1.6	10	10	6.47 No	1.6	Thermal Discharging
TER082	12	'8390170_/_8390168'	10	10	10	1.6	10	10	6.47 No	1.6	Thermal Discharging
TER082	13	'8075118_/_9295392'	10	10	10	1.6	10	10	6.47 No	1.6	Thermal Discharging
TER082	14	'9295314_/_9295312'	10	10	10	1.6	10	10	6.47 No	1.6	Thermal Discharging
TER082	15	'8075117_/_8075115'	10	10	10	1.6	7.8	10	6.47 No	1.6	Thermal Discharging
TER082	16	'8662314_/_9368978'	10	10	10	1.6	10	10	6.47 No	1.6	Thermal Discharging
TER082	17	'8662254_/_8662311'	10	10	10	1.6	10	10	6.47 No	1.6	Thermal Discharging
TER082	18	'8662274_/_9683188'	10	10	10	1.6	7.8	10	6.47 No	1.6	Thermal Discharging
TER082	19	'7404381_/_8662251'	10	10	10	1.6	10	10	6.47 No	1.6	Thermal Discharging
TER082	20	'8662273_/_8662271'	10	10	10	1.6	7.8	10	6.47 No	1.6	Thermal Discharging
TER082	21	'7404380_/_7404378'	10	10	10	1.6	10	10	6.47 No	1.6	Thermal Discharging
TER082	22	'8662293_/_8662291'	10	10	10	1.6	7.8	10	6.47 No	1.6	Thermal Discharging
TER082	23	'8980344_/_9293775'	10	10	10	1.6	10	10	6.47 No	1.6	Thermal Discharging
TER082	24	'7716748_/_9608935'	10	10	10	1.6	7.8	10	6.47 No	1.6	Thermal Discharging
TER082	25	'7402865_/_8980341'	10	10	10	1.6	10	10	6.47 No	1.6	Thermal Discharging
TER082	26	'7716747_/_7716745'	10	10	10	1.6	7.8	10	6.47 No	1.6	Thermal Discharging
TER082	27	'7402864_/_7402862'	10	10	10	1.6	10	10	6.47 No	1.6	Thermal Discharging
TER082	28	'8027834_/_8352951'	10	10	10	1.6	7.8	10	6.47 No	1.6	Thermal Discharging
TER082	29	'8661185_/_8661183'	10	10	10	1.6	10	10	6.47 No	1.6	Thermal Discharging
TER082	30	'8660909_/_9589591'	10	10	10	1.6	10	10	6.47 No	1.6	Thermal Discharging
TER082	31	'7402925_/_8660907'	10	10	10	1.6	10	10	6.47 No	1.6	Thermal Discharging
TER082	32	'8027833_/_8027831'	10	10	10	1.6	7.8	10	6.47 No	1.6	Thermal Discharging
TER082	33	'7402924_/_7402922'	10	10	10	1.6	10	10	6.47 No	1.6	Thermal Discharging
TER082	34	'8353607_/_9293481'	10	10	10	1.6	10	10	6.47 No	1.6	Thermal Discharging
TER082	35	'5505477_/_8353605'	10	10	10	1.6	10	10	6.47 No	1.6	Thermal Discharging
TER082	36	'400067396_/_5505474_2'	10	10	10	1.6	10	10	6.47 No	1.6	Thermal Discharging
TER082	37	'5505386_/_5505474_1'	10	10	10	1.6	10	10	6.47 No	1.6	Thermal Discharging
TER082	38	'8980907_/_8980905'	10	10	10	1.6	7.8	10	6.47 No	1.6	Thermal Discharging
TER082	39	'5477489_/_5505383'	10	10	10	1.6	10	10	6.47 No	1.6	Thermal Discharging
TER082	40	'5477378_/_5505417'	10	10	10	1.6	10	10	6.47 No	1.6	Thermal Discharging
TER082	41	'5477434_/_5477432'	10	10	10	1.6	10	10	6.47 No	1.6	Thermal Discharging
TER082	42	'5505369_/_5505400'	10	10	10	1.6	10	10	6.47 No	1.6	Thermal Discharging
TER082	43	'400144299_/_5505366_2'	10	10	10	1.6	10	10	6.47 No	1.6	Thermal Discharging
TER082	44	'615050279_/_615050283_1'	10	10	10	1.6	10	10	6.47 No	1.6	Thermal Discharging
TER082	45	'5499750_/_5505366_1'	10	10	10	1.6	10	10	6.47 No	1.6	Thermal Discharging
TER082	46	'8039349_/_9293755'	10	10	10	1.6	7.8	10	6.47 No	1.6	Thermal Discharging
TER082	47	'5499749_/_5499747'	10	10	10	1.6	10	10	6.47 No	1.6	Thermal Discharging
TER082	48	'5499766_/_5499764'	10	10	10	1.6	10	10	6.47 No	1.6	Thermal Discharging
TER082	49	'423051433_/_5505742_1'	10	10	10	1.6	1.5	10	6.47 No	1.5	Element Fault
TER082	50	'5505802_/_5505839'	10	10	10	1.6	10	10	6.47 No	1.6	Thermal Discharging
TER082	51	'5499733_/_5505799'	10	10	10	1.6	10	10	6.47 No	1.6	Thermal Discharging
TER082	52	'5499562_/_5499730'	10	10	10	1.6	10	10	6.47 No	1.6	Thermal Discharging
TER082	53	'8039348_/_8039346'	10	10	10	1.6	7.8	10	6.47 No	1.6	Thermal Discharging
TER082	54	'5499561_/_5499559'	10	10	10	1.6	10	10	6.47 No	1.6	Thermal Discharging
TER082	55	'5505745_/_5505742_2'	10	10	10	1.6	1.5	10	6.47 No	1.5	Element Fault
TER082	56	'659342406_/_8979871_1'	10	10	10	1.6	1.5	10	6.47 No	1.5	Element Fault
TER082	57	'5499596_/_5499610'	10	10	10	1.6	10	10	6.47 No	1.6	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over- Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TER082	58	'522931938_/522931942'	10	10	10	1.6	10	10	6.47 No	1.6	Thermal Discharging
TER082	59	'8662197_/8662197_2'	10	10	10	1.6	1.5	10	6.47 No	1.5	Element Fault
TER082	60	'5499897_/5499895'	10	10	10	1.6	10	10	6.47 No	1.6	Thermal Discharging
TER082	61	'5499193_/5499192'	10	10	10	1.6	10	10	6.47 No	1.6	Thermal Discharging
TER082	62	'49995242_/8660367_2'	10	10	10	1.6	10	10	6.47 No	1.6	Thermal Discharging
TER082	63	'5499192_/5499190'	10	10	10	1.6	10	10	6.47 No	1.6	Thermal Discharging
TER082	64	'8660350_/8660367_1'	10	10	10	1.6	10	10	6.47 No	1.6	Thermal Discharging
TER082	65	'659863756_/659863783'	10	10	10	1.6	10	10	6.47 No	1.6	Thermal Discharging
TER082	66	'8660349_/8660347'	10	10	10	1.6	10	10	6.47 No	1.6	Thermal Discharging
TER082	67	'49995255_/9296888_1'	10	10	10	1.6	10	10	6.47 No	1.6	Thermal Discharging
TER082	68	'5507531_/9296888_2'	10	10	10	1.6	10	10	6.47 No	1.6	Thermal Discharging
TER082	69	'8662198_/8662195'	10	10	10	1.6	1.5	10	6.47 No	1.5	Element Fault
TER082	70	'56448944_/7717381_1'	10	10	10	1.6	3.9	10	6.47 No	1.6	Thermal Discharging
TER082	71	'5507514_/5507528'	10	10	10	1.6	10	10	6.47 No	1.6	Thermal Discharging
TER082	72	'56448960_/8661587_1'	10	10	10	1.6	3.2	10	6.47 No	1.6	Thermal Discharging
TER082	73	'5477105_/5507511'	10	10	10	1.6	10	10	6.47 No	1.6	Thermal Discharging
TER082	74	'37920516_/7717381_2'	10	10	10	1.6	3.9	10	6.47 No	1.6	Thermal Discharging
TER082	75	'37920481_/37920520'	10	10	10	1.6	3.9	10	6.47 No	1.6	Thermal Discharging
TER082	76	'37920488_/37920492'	10	10	10	1.6	3.9	10	6.47 No	1.6	Thermal Discharging
TER082	77	'37920474_/37920478'	10	10	10	1.6	3.9	10	6.47 No	1.6	Thermal Discharging
TER082	78	'37920502_/37920506'	10	10	10	1.6	3.9	10	6.47 No	1.6	Thermal Discharging
TER082	79	'8352814_/9293381_1'	10	10	10	1.6	1.5	10	6.47 No	1.5	Element Fault
TER082	80	'43725822_/43725824'	10	10	10	1.6	10	10	6.47 No	1.6	Thermal Discharging
TER082	81	'5477087_/5477085'	10	10	10	1.6	10	10	6.47 No	1.6	Thermal Discharging
TER082	82	'9293383_/9293381_2'	10	10	10	1.6	1.5	10	6.47 No	1.5	Element Fault
TER082	83	'8661066_/8661083_1'	10	10	10	1.6	3.5	10	6.47 No	1.6	Thermal Discharging
TER082	84	'87286573_/87286579'	6.67	6.67	6.67	1.064	2.6	6.67	4.32 No	1.064	Thermal Discharging
TER082	85	'5477199_/5477213'	10	10	10	1.6	10	10	6.47 No	1.6	Thermal Discharging
TER082	86	'49962363_/9705982_1'	10	10	10	1.6	1.5	10	6.47 No	1.5	Element Fault
TER082	87	'43725835_/43725837'	10	10	10	1.6	10	10	6.47 No	1.6	Thermal Discharging
TER082	88	'5499264_/5499491'	10	10	10	1.6	10	10	6.47 No	1.6	Thermal Discharging
TER082	89	'7484853_/9705982_2'	10	10	10	1.6	1.5	10	6.47 No	1.5	Element Fault
TER082	90	'8354837_/8661083_2'	10	10	10	1.6	3.5	10	6.47 No	1.6	Thermal Discharging
TER082	91	'87286536_/87286542'	10	10	10	1.6	3.9	10	6.47 No	1.6	Thermal Discharging
TER082	92	'5499263_/5499261'	10	10	10	1.6	10	10	6.47 No	1.6	Thermal Discharging
TER082	93	'8354838_/8354835'	10	10	10	1.6	3.5	10	6.47 No	1.6	Thermal Discharging
TER082	94	'69412429_/50472202'	10	10	10	1.6	10	10	6.47 No	1.6	Thermal Discharging
TER082	95	'5499281_/5499278'	10	10	10	1.6	10	10	6.47 No	1.6	Thermal Discharging
TER082	96	'7716288_/7716305_2'	10	10	10	1.6	5.3	10	6.47 No	1.6	Thermal Discharging
TER082	97	'128004585_/5506604'	10	10	10	1.6	10	10	6.47 No	1.6	Thermal Discharging
TER082	98	'7403717_/7403714'	10	10	10	1.6	3.9	10	6.47 No	1.6	Thermal Discharging
TER082	99	'7484852_/7484850'	10	10	10	1.6	1.5	10	6.47 No	1.5	Element Fault
TER082	100	'8040348_/8040346'	10	10	10	1.6	3.9	10	6.47 No	1.6	Thermal Discharging
TER082	101	'7817445_/9077855'	10	10	10	1.6	1.5	10	6.47 No	1.5	Element Fault
TER082	102	'435652873_/5499295_1'	10	10	10	1.6	10	10	6.47 No	1.6	Thermal Discharging
TER082	103	'128004543_/5499295_2'	10	10	10	1.6	10	10	6.47 No	1.6	Thermal Discharging
TER082	104	'7817446_/7817443'	10	10	10	1.6	1.5	10	6.47 No	1.5	Element Fault
TER082	105	'5499315_/43720730'	10	10	10	1.6	10	10	6.47 No	1.6	Thermal Discharging
TER082	106	'86293318_/5499420_2'	10	10	10	1.6	7.2	10	6.47 No	1.6	Thermal Discharging
TER082	107	'43718827_/7095864'	10	10	10	1.6	10	10	6.47 No	1.6	Thermal Discharging
TER082	108	'43725571_/5499474'	10	10	10	1.6	10	10	6.47 No	1.6	Thermal Discharging
TER082	109	'379110799_/43725573'	10	10	10	1.6	10	10	6.47 No	1.6	Thermal Discharging
TER082	110	'5467726_/5467723'	10	10	10	1.6	10	10	6.47 No	1.6	Thermal Discharging
TER082	111	'7716308_/7716305_1'	10	10	10	1.6	1.5	10	6.47 No	1.5	Element Fault
TER082	112	'5499348_/379110808'	10	10	10	1.6	10	10	6.47 No	1.6	Thermal Discharging
TER082	113	'51541975_/51541892_1'	10	10	10	1.6	1.5	10	6.47 No	1.5	Element Fault
TER082	114	'38168447_/7817463'	10	10	10	1.6	1.5	10	6.47 No	1.5	Element Fault
TER082	115	'43720315_/5474249'	10	10	10	1.6	10	10	6.47 No	1.6	Thermal Discharging
TER082	116	'7387123_/8977649_1'	10	10	10	1.6	1.5	10	6.47 No	1.5	Element Fault
TER082	117	'7817466_/8765042_1'	10	10	10	1.6	3.5	10	6.47 No	1.6	Thermal Discharging
TER082	118	'8981288_/8981285'	10	10	10	1.6	3.9	10	6.47 No	1.6	Thermal Discharging
TER082	119	'5499209_/5499346'	10	10	10	1.6	10	10	6.47 No	1.6	Thermal Discharging
TER082	120	'5499366_/5499383_1'	10	10	10	1.6	1.6	10	6.47 No	1.6	Thermal Discharging
TER082	121	'43725610_/5499207'	10	10	10	1.6	10	10	6.47 No	1.6	Thermal Discharging
TER082	122	'5499423_/5499420_1'	10	10	10	1.6	3.6	10	6.47 No	1.6	Thermal Discharging
TER082	123	'51542017_/51541892_2'	10	10	10	1.6	1.5	10	6.47 No	1.5	Element Fault
TER082	124	'5477121_/43725612'	10	10	10	1.6	10	10	6.47 No	1.6	Thermal Discharging
TER082	125	'8977652_/8977649_2'	10	10	10	1.6	1.5	10	6.47 No	1.5	Element Fault
TER082	126	'5477179_/5477176'	10	10	10	1.6	10	10	6.47 No	1.6	Thermal Discharging
TER082	127	'5499386_/5499383_2'	10	10	10	1.6	1.6	10	6.47 No	1.6	Thermal Discharging
TER082	128	'5477159_/7120892_1'	10	10	10	1.6	1.5	10	6.47 No	1.5	Element Fault
TER082	129	'5499227_/5499241_1'	10	10	10	1.6	3.3	10	6.47 No	1.6	Thermal Discharging
TER082	130	'5506640_/5506710'	10	10	10	1.6	3.6	10	6.47 No	1.6	Thermal Discharging
TER082	131	'43725597_/7120892_2'	10	10	10	1.6	1.5	10	6.47 No	1.5	Element Fault
TER082	132	'74252451_/5499241_2'	10	10	10	1.6	3.3	10	6.47 No	1.6	Thermal Discharging
TER082	133	'8981307_/9296868'	10	10	10	1.6	3.9	10	6.47 No	1.6	Thermal Discharging
TER082	134	'5506659_/5506656'	10	10	10	1.6	3.6	10	6.47 No	1.6	Thermal Discharging
TER082	135	'74252639_/74252491_1'	10	10	10	1.6	1.5	10	6.47 No	1.5	Element Fault
TER082	136	'455559150_/5506744_2'	10	10	10	1.6	3.6	10	6.47 No	1.6	Thermal Discharging
TER082	137	'74252756_/5477119'	10	10	10	1.6	3.2	10	6.47 No	1.6	Thermal Discharging
TER082	138	'456468923_/8738006_1'	3.33	3.33	3.33	0.536	0.3	3.33	2.16 No	0.3	Element Fault
TER082	139	'74252776_/7716265_2'	10	10	10	1.6	3.2	10	6.47 No	1.6	Thermal Discharging
TER082	140	'43727093_/5506638'	6.67	6.67	6.67	1.064	2.4	6.67	4.32 No	1.064	Thermal Discharging
TER082	141	'87286618_/87286647'	3.33	3.33	3.33	0.536	1.3	3.33	2.16 No	0.536	Thermal Discharging
TER082	142	'114311230_/114311184'	10	10	10	1.6	3.2	10	6.47 No	1.6	Thermal Discharging
TER082	143	'7716268_/7716265_1'	10	10	10	1.6	1.5	10	6.47 No	1.5	Element Fault
TER082	144	'5506679_/5506693'	10	10	10	1.6	3.6	10	6.47 No	1.6	Thermal Discharging
TER082	145	'5467745_/7095841'	10	10	10	1.6	1.6	10	6.47 No	1.6	Thermal Discharging
TER082	146	'5506729_/5506744_1'	10	10	10	1.6	2.5	10	6.47 No	1.6	Thermal Discharging
TER082	147	'8981308_/8981305'	10	10	10	1.6	3.9	10	6.47 No	1.6	Thermal Discharging
TER082	148	'8657880_/8657878_1'	10	10	10	1.6	1	10	6.47 No	1	Element Fault
TER082	149	'5499331_/5506676'	10	10	10	1.6	3.6	10	6.47 No	1.6	Thermal Discharging
TER082	150	'7716327_/7716325_1'	10	10	10	1.6	1.5	10	6.47 No	1.5	Element Fault
TER082	151	'8738008_/8738006_2'	3.33	3.33	3.33	0.536	0.3	3.33	2.16 No	0.3	Element Fault

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TER082	152	'74252480_/74252491_2'		10	10	10	1.6	1.5	10	6.47 No	1.5 Element Fault
TER082	153	'5468447_/5468542'		10	10	10	1.6	1.5	10	6.47 No	1.5 Element Fault
TER082	154	'8036830_/8657878_2'		10	10	10	1.6	1	10	6.47 No	1 Element Fault
TER082	155	'74252521_/74252532'		10	10	10	1.6	1.5	10	6.47 No	1.5 Element Fault
TER082	156	'7716328_/7716325_2'		10	10	10	1.6	1.5	10	6.47 No	1.5 Element Fault
TER082	157	'5499332_/5499329'		10	10	10	1.6	3.6	10	6.47 No	1.6 Thermal Discharging
TER082	158	'8039289_/8039286'		10	10	10	1.6	1.5	10	6.47 No	1.5 Element Fault
TER082	159	'8737989_/8737986_2'		10	10	10	1.6	3.6	10	6.47 No	1.6 Thermal Discharging
TER082	160	'5467705_/5467743'		10	10	10	1.6	1.6	10	6.47 No	1.6 Thermal Discharging
TER082	161	'5499403_/5499400'		10	10	10	1.6	3.6	10	6.47 No	1.6 Thermal Discharging
TER082	162	'8036831_/8036828'		10	10	10	1.6	1	10	6.47 No	1 Element Fault
TER082	163	'8419102_/8419100_1'		10	10	10	1.6	0.9	10	6.47 No	0.9 Element Fault
TER082	164	'8737988_/8737986_1'		10	10	10	1.6	1	10	6.47 No	1 Element Fault
TER082	165	'5467706_/5467703'		10	10	10	1.6	1.6	10	6.47 No	1.6 Thermal Discharging
TER082	166	'5468448_/5468445'		10	10	10	1.6	1.5	10	6.47 No	1.5 Element Fault
TER082	167	'5506592_/43727095'	6.67	6.67	6.67	1.064	2.4	6.67	4.32 No	1.064 Thermal Discharging	
TER082	168	'9395995_/9395992'		10	10	10	1.6	2.5	10	6.47 No	1.6 Thermal Discharging
TER082	169	'8419103_/8419100_2'		10	10	10	1.6	0.9	10	6.47 No	0.9 Element Fault
TER082	170	'43716499_/5468482'		9.7	10	10	1.6	1.5	10	6.47 No	1.5 Element Fault
TER082	171	'5468508_/43716501'		7.2	10	10	1.6	1.5	10	6.47 No	1.5 Element Fault
TER082	172	'5468528_/5468525'		6.3	10	10	1.6	1.5	10	6.47 No	1.5 Element Fault
TER083	0	'TER083_/8390048'		10	10	10	2	10	10	5.21 No	2 Thermal Discharging
TER083	1	'7440928_/8390048'		10	10	10	2	10	10	5.21 No	2 Thermal Discharging
TER083	2	'7440929_/7440926'		10	10	10	2	10	10	5.21 No	2 Thermal Discharging
TER083	3	'7754432_/7754429'		10	10	10	2	10	10	5.21 No	2 Thermal Discharging
TER083	4	'7441029_/9646847'		10	10	10	2	10	10	5.21 No	2 Thermal Discharging
TER083	5	'7441028_/7441026'		10	10	10	2	10	10	5.21 No	2 Thermal Discharging
TER083	6	'9020183_/9020181'		10	10	10	2	10	10	5.21 No	2 Thermal Discharging
TER083	7	'9055516_/9295332'		10	10	10	2	10	10	5.21 No	2 Thermal Discharging
TER083	8	'9055515_/9055513'		10	10	10	2	10	10	5.21 No	2 Thermal Discharging
TER083	9	'8662234_/9608955'		10	10	10	2	10	10	5.21 No	2 Thermal Discharging
TER083	10	'660343753_/70262202_1'		10	10	10	2	7.8	10	5.21 No	2 Thermal Discharging
TER083	11	'5509563_/70262202_2'		10	10	10	2	7.8	10	5.21 No	2 Thermal Discharging
TER083	12	'5509580_/660343647'		10	10	10	2	7.8	10	5.21 No	2 Thermal Discharging
TER083	13	'43727411_/55168481'		10	10	10	2	5.7	10	5.21 No	2 Thermal Discharging
TER083	14	'7404361_/8662231'		10	10	10	2	10	10	5.21 No	2 Thermal Discharging
TER083	15	'5509458_/5509473'		10	10	10	2	5.7	10	5.21 No	2 Thermal Discharging
TER083	16	'5509441_/5509456'		10	10	10	2	5.7	10	5.21 No	2 Thermal Discharging
TER083	17	'7404401_/9055495_1'	6.67	6.67	6.67	1.336	1	6.67	3.47 No	1 Element Fault	
TER083	18	'7404360_/7404358'		10	10	10	2	10	10	5.21 No	2 Thermal Discharging
TER083	19	'43727398_/5509439'		10	10	10	2	5.7	10	5.21 No	2 Thermal Discharging
TER083	20	'5509421_/5509419_1'		10	10	10	2	1.5	10	5.21 No	1.5 Element Fault
TER083	21	'5509422_/5509419_2'		10	10	10	2	1.5	10	5.21 No	1.5 Element Fault
TER083	22	'8660669_/8660667'		10	10	10	2	10	10	5.21 No	2 Thermal Discharging
TER083	23	'9055498_/9055495_2'	6.67	6.67	6.67	1.336	1	6.67	3.47 No	1 Element Fault	
TER083	24	'7402589_/9608321'		10	10	10	2	10	10	5.21 No	2 Thermal Discharging
TER083	25	'7402588_/7402586'		10	10	10	2	10	10	5.21 No	2 Thermal Discharging
TER083	26	'8661145_/8661143'		10	10	10	2	10	10	5.21 No	2 Thermal Discharging
TER083	27	'8027814_/9293541'		10	10	10	2	10	10	5.21 No	2 Thermal Discharging
TER083	28	'8660610_/9293795'		10	10	10	2	10	10	5.21 No	2 Thermal Discharging
TER083	29	'8660570_/8660607'		10	10	10	2	10	10	5.21 No	2 Thermal Discharging
TER083	30	'8027813_/8027811'		10	10	10	2	7.8	10	5.21 No	2 Thermal Discharging
TER083	31	'8660569_/8660567'		10	10	10	2	10	10	5.21 No	2 Thermal Discharging
TER083	32	'8660530_/8980031'		10	10	10	2	10	10	5.21 No	2 Thermal Discharging
TER083	33	'8660529_/8660527'		10	10	10	2	10	10	5.21 No	2 Thermal Discharging
TER083	34	'8980484_/9293441'		10	10	10	2	10	10	5.21 No	2 Thermal Discharging
TER083	35	'8353310_/8980481'		10	10	10	2	10	10	5.21 No	2 Thermal Discharging
TER083	36	'8353309_/8353307'		10	10	10	2	10	10	5.21 No	2 Thermal Discharging
TER083	37	'8660510_/8660507'		10	10	10	2	10	10	5.21 No	2 Thermal Discharging
TER083	38	'7716387_/9608221'		10	10	10	2	10	10	5.21 No	2 Thermal Discharging
TER083	39	'9293878_/9589671'		10	10	10	2	10	10	5.21 No	2 Thermal Discharging
TER083	40	'8979914_/9293875'		10	10	10	2	10	10	5.21 No	2 Thermal Discharging
TER083	41	'8660930_/8979911'		10	10	10	2	10	10	5.21 No	2 Thermal Discharging
TER083	42	'8660929_/8660927'		10	10	10	2	10	10	5.21 No	2 Thermal Discharging
TER083	43	'8039889_/9293855'		10	10	10	2	10	10	5.21 No	2 Thermal Discharging
TER083	44	'8039888_/8039886'	9	10	10	10	2	10	10	5.21 No	2 Thermal Discharging
TER083	45	'8353667_/8353665'	9	10	10	10	2	10	10	5.21 No	2 Thermal Discharging
TER083	46	'8353014_/8660687'	8.8	10	10	10	2	10	10	5.21 No	2 Thermal Discharging
TER083	47	'37915864_/8353011'	8.7	10	10	10	2	10	10	5.21 No	2 Thermal Discharging
TER083	48	'121431087_/121431083'	8.7	10	10	10	2	10	10	5.21 No	2 Thermal Discharging
TER083	49	'37915787_/121431104'	8.7	10	10	10	2	2.3	10	5.21 No	2 Thermal Discharging
TER083	50	'37915809_/121431097'	8.7	10	10	10	2	4.9	10	5.21 No	2 Thermal Discharging
TER083	51	'37915857_/121431090'	8.7	10	10	10	2	10	10	5.21 No	2 Thermal Discharging
TER083	52	'8027754_/8027751'	8.7	10	10	10	2	10	10	5.21 No	2 Thermal Discharging
TER083	53	'7717143_/7717141'	8.1	10	10	10	2	2.3	10	5.21 No	2 Thermal Discharging
TER083	54	'9603685_/9608401'	8.1	10	10	10	2	10	10	5.21 No	2 Thermal Discharging
TER083	55	'8353647_/9603683'	8	10	10	10	2	10	10	5.21 No	2 Thermal Discharging
TER083	56	'9296495_/9603723'	7.6	10	10	10	2	4.9	10	5.21 No	2 Thermal Discharging
TER083	57	'8039428_/8353645'	7.3	10	10	10	2	10	10	5.21 No	2 Thermal Discharging
TER083	58	'7717164_/9296492'	7.2	10	10	10	2	4.9	10	5.21 No	2 Thermal Discharging
TER083	59	'8039429_/8039426'	7.1	10	10	10	2	10	10	5.21 No	2 Thermal Discharging
TER083	60	'86226169_/7717161'	6.8	10	10	10	2	4.9	10	5.21 No	2 Thermal Discharging
TER083	61	'86226132_/86226277'	6.8	10	10	10	2	4.9	10	5.21 No	2 Thermal Discharging
TER083	62	'7402368_/9293835'	6.7	10	10	10	2	10	10	5.21 No	2 Thermal Discharging
TER083	63	'37915478_/7402366'	6.6	10	10	10	2	10	10	5.21 No	2 Thermal Discharging
TER083	64	'404457216_/37915476'	6.6	10	10	10	2	10	10	5.21 No	2 Thermal Discharging
TER083	65	'37915465_/37915462'	6.6	10	10	10	2	10	10	5.21 No	2 Thermal Discharging
TER083	66	'37915486_/37915483'	6.6	10	10	10	2	4.7	10	5.21 No	2 Thermal Discharging
TER083	67	'37915451_/37915455'	6.6	10	10	10	2	4.6	10	5.21 No	2 Thermal Discharging
TER083	68	'8040209_/9608121'	6.5	10	10	10	2	2.3	10	5.21 No	2 Thermal Discharging
TER083	69	'7402389_/7402386'	6.6	10	10	10	2	10	10	5.21 No	2 Thermal Discharging
TER083	70	'37915837_/8661123'	6.5	10	10	10	2	4.9	10	5.21 No	2 Thermal Discharging
TER083	71	'37915830_/37915834'	6.5	10	10	10	2	4.9	10	5.21 No	2 Thermal Discharging
TER083	72	'37915850_/37915848'	6.5	10	10	10	2	4.9	10	5.21 No	2 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TER083	73	'404455802_/37915827_2'		6.5	10	10	2	4.9	10	5.21 No	2 Thermal Discharging
TER083	74	'37915823_/37915827_1'		6.5	10	10	2	4.9	10	5.21 No	2 Thermal Discharging
TER083	75	'404455803_/404455800'		6.5	10	10	2	4.9	10	5.21 No	2 Thermal Discharging
TER083	76	'8980888_/8980885'		6.2	10	10	2	4.9	10	5.21 No	2 Thermal Discharging
TER083	77	'7716668_/8980147'		6.6	10	10	2	10	10	5.21 No	2 Thermal Discharging
TER083	78	'8039909_/8039906_2'		6.1	10	10	2	4.9	10	5.21 No	2 Thermal Discharging
TER083	79	'5505509_/8039906_1'		6.1	10	10	2	2.3	10	5.21 No	2 Thermal Discharging
TER083	80	'7716808_/9589491'		6	10	10	2	4.7	10	5.21 No	2 Thermal Discharging
TER083	81	'5505529_/5505526'		5.7	10	10	2	2.3	10	5.21 No	2 Thermal Discharging
TER083	82	'5500797_/5505583'		5.7	10	10	2	2.3	10	5.21 No	2 Thermal Discharging
TER083	83	'5500780_/43720627_2'		5.7	10	10	2	2.3	10	5.21 No	2 Thermal Discharging
TER083	84	'8039308_/8039306'		6.1	10	10	2	4.6	10	5.21 No	2 Thermal Discharging
TER083	85	'5501378_/5501375'		5.7	10	10	2	2.3	10	5.21 No	2 Thermal Discharging
TER083	86	'9296455_/9296452'		5.6	10	10	2	4.9	10	5.21 No	2 Thermal Discharging
TER083	87	'414851180_/8981105_2'		6.6	10	10	2	10	10	5.21 No	2 Thermal Discharging
TER083	88	'43722893_/43722895'		5.6	10	10	2	2.3	10	5.21 No	2 Thermal Discharging
TER083	89	'5501395_/5501392'		5.7	10	10	2	2.3	10	5.21 No	2 Thermal Discharging
TER083	90	'5503305_/8981105_1'		6.6	10	10	2	10	10	5.21 No	2 Thermal Discharging
TER083	91	'8040208_/8040206'		5.5	10	10	2	2.3	10	5.21 No	2 Thermal Discharging
TER083	92	'5501412_/5501409'		5.6	10	10	2	2.3	10	5.21 No	2 Thermal Discharging
TER083	93	'5501428_/5501426'		5.6	10	10	2	2.3	10	5.21 No	2 Thermal Discharging
TER083	94	'5503322_/5503440'		6.5	10	10	2	10	10	5.21 No	2 Thermal Discharging
TER083	95	'386052741_/5503423'		6.5	10	10	2	10	10	5.21 No	2 Thermal Discharging
TER083	96	'50473477_/50473390'		6.5	10	10	2	10	10	5.21 No	2 Thermal Discharging
TER083	97	'43725770_/383166547'		6.5	10	10	2	10	10	5.21 No	2 Thermal Discharging
TER083	98	'43722906_/5505566'		5.6	10	10	2	2.3	10	5.21 No	2 Thermal Discharging
TER083	99	'43725796_/5503303'		6.5	10	10	2	10	10	5.21 No	2 Thermal Discharging
TER083	100	'383166684_/383166528'		6.5	10	10	2	10	10	5.21 No	2 Thermal Discharging
TER083	101	'50473463_/50473369'		6.5	10	10	2	10	10	5.21 No	2 Thermal Discharging
TER083	102	'5505494_/43722908'		5.6	10	10	2	2.3	10	5.21 No	2 Thermal Discharging
TER083	103	'383166678_/383166510'		6.5	10	10	2	10	10	5.21 No	2 Thermal Discharging
TER083	104	'5503092_/5503127'		6.5	10	10	2	10	10	5.21 No	2 Thermal Discharging
TER083	105	'5503093_/5503110_1'		6.5	10	10	2	1.5	10	5.21 No	1.5 Element Fault
TER083	106	'383166672_/383166492'		6.5	10	10	2	10	10	5.21 No	2 Thermal Discharging
TER083	107	'50473459_/50473344'		6.5	10	10	2	10	10	5.21 No	2 Thermal Discharging
TER083	108	'43727131_/5503147'		6.5	10	10	2	10	10	5.21 No	2 Thermal Discharging
TER083	109	'471434909_/471435045'		5.3	10	10	2	2.3	10	5.21 No	2 Thermal Discharging
TER083	110	'49481301_/5503110_2'		6.5	10	10	2	1.5	10	5.21 No	1.5 Element Fault
TER083	111	'5501693_/43720454'		6.5	10	10	2	1.5	10	5.21 No	1.5 Element Fault
TER083	112	'383166666_/383166468'		6.4	10	10	2	10	10	5.21 No	2 Thermal Discharging
TER083	113	'5503080_/5503164'		6.5	10	10	2	10	10	5.21 No	2 Thermal Discharging
TER083	114	'7716807_/7716805'		5.3	10	10	2	4.7	10	5.21 No	2 Thermal Discharging
TER083	115	'49481324_/8040186_2'		6.5	10	10	2	1.5	10	5.21 No	1.5 Element Fault
TER083	116	'43726083_/383166445'		6.4	10	10	2	10	10	5.21 No	2 Thermal Discharging
TER083	117	'8040189_/8040186_1'		6.4	10	10	2	0.9	10	5.21 No	0.9 Element Fault
TER083	118	'8353370_/8353367_2'		6.4	10	10	2	4.3	10	5.21 No	2 Thermal Discharging
TER083	119	'5503184_/5503181'		6.5	10	10	2	10	10	5.21 No	2 Thermal Discharging
TER083	120	'5501916_/5503215'		6.5	10	10	2	10	10	5.21 No	2 Thermal Discharging
TER083	121	'5500373_/5505491'		3.73	6.67	6.67	1.336	1	6.67	3.47 No	1 Element Fault
TER083	122	'5502868_/383166309'		6.4	10	10	2	10	10	5.21 No	2 Thermal Discharging
TER083	123	'5502249_/5503545'		6.4	10	10	2	10	10	5.21 No	2 Thermal Discharging
TER083	124	'5501917_/5501914'		6.5	10	10	2	10	10	5.21 No	2 Thermal Discharging
TER083	125	'388750373_/414733534_2'		6.4	10	10	2	10	10	5.21 No	2 Thermal Discharging
TER083	126	'5503530_/5503528'		6.4	10	10	2	10	10	5.21 No	2 Thermal Discharging
TER083	127	'43720373_/5501931'		6.5	10	10	2	10	10	5.21 No	2 Thermal Discharging
TER083	128	'118149513_/5502853_1'		2.1	3.33	3.33	0.664	0.3	3.33	1.74 No	0.3 Element Fault
TER083	129	'414733510_/414733534_1'		6.4	10	10	2	10	10	5.21 No	2 Thermal Discharging
TER083	130	'49236168_/43722882'		5.1	10	10	2	2.3	10	5.21 No	2 Thermal Discharging
TER083	131	'5501680_/5503077_2'		2.17	3.33	3.33	0.664	1	3.33	1.74 No	0.664 Thermal Discharging
TER083	132	'5501934_/43720375'		6.5	10	10	2	6.4	10	5.21 No	2 Thermal Discharging
TER083	133	'5502250_/5502247'		6.3	10	10	2	10	10	5.21 No	2 Thermal Discharging
TER083	134	'43726096_/43726098'		6.3	10	10	2	10	10	5.21 No	2 Thermal Discharging
TER083	135	'8353369_/8353367_1'		6.2	10	10	2	1.5	10	5.21 No	1.5 Element Fault
TER083	136	'500833489_/500833416_1'		5.1	10	10	2	1.5	10	5.21 No	1.5 Element Fault
TER083	137	'5500870_/5502264'		6.3	10	10	2	10	10	5.21 No	2 Thermal Discharging
TER083	138	'5503497_/5503511'		6.3	10	10	2	10	10	5.21 No	2 Thermal Discharging
TER083	139	'43720351_/5503077_1'		2.13	3.33	3.33	0.664	0.5	3.33	1.74 No	0.5 Element Fault
TER083	140	'8353289_/8353287'		5.1	10	10	2	4.7	10	5.21 No	2 Thermal Discharging
TER083	141	'43720625_/43720627_1'		5.1	10	10	2	1.5	10	5.21 No	1.5 Element Fault
TER083	142	'5499931_/5502853_2'		2.07	3.33	3.33	0.664	0.3	3.33	1.74 No	0.3 Element Fault
TER083	143	'7402744_/8981185_1'		3.6	10	10	2	4.7	10	5.21 No	2 Thermal Discharging
TER083	144	'7716648_/7716645'		6.4	10	10	2	6.4	10	5.21 No	2 Thermal Discharging
TER083	145	'5502216_/5503494'		6.3	10	10	2	10	10	5.21 No	2 Thermal Discharging
TER083	146	'5500850_/5500868_1'		6.2	10	10	2	0.9	10	5.21 No	0.9 Element Fault
TER083	147	'5502199_/5502213'		6.2	10	10	2	10	10	5.21 No	2 Thermal Discharging
TER083	148	'8660410_/9296988'		5	10	10	2	4.9	10	5.21 No	2 Thermal Discharging
TER083	149	'5509057_/5509067_2'		2.1	3.33	3.33	0.664	1.1	3.33	1.74 No	0.664 Thermal Discharging
TER083	150	'43720942_/43720944'		3.6	6.67	6.67	1.336	1	6.67	3.47 No	1 Element Fault
TER083	151	'5499971_/5502196'		6.2	10	10	2	10	10	5.21 No	2 Thermal Discharging
TER083	152	'5500816_/5500868_2'		6.1	10	10	2	0.9	10	5.21 No	0.9 Element Fault
TER083	153	'5502765_/5502779'		6.2	10	10	2	10	10	5.21 No	2 Thermal Discharging
TER083	154	'5499944_/5509067_1'		2.07	3.33	3.33	0.664	0.3	3.33	1.74 No	0.3 Element Fault
TER083	155	'380743650_/5499955_1'		2.03	3.33	3.33	0.664	0.3	3.33	1.74 No	0.3 Element Fault
TER083	156	'5502764_/5502762'		6.2	10	10	2	10	10	5.21 No	2 Thermal Discharging
TER083	157	'5502685_/5502796'		6.1	10	10	2	10	10	5.21 No	2 Thermal Discharging
TER083	158	'43720954_/43720956'		3.47	6.67	6.67	1.336	1	6.67	3.47 No	1 Element Fault
TER083	159	'5499945_/5499942'		2.03	3.33	3.33	0.664	0.3	3.33	1.74 No	0.3 Element Fault
TER083	160	'5502747_/5502745'		6.1	10	10	2	10	10	5.21 No	2 Thermal Discharging
TER083	161	'43724052_/5502833'		6.1	10	10	2	10	10	5.21 No	2 Thermal Discharging
TER083	162	'5502671_/5502682'		2	3.33	3.33	0.664	1	3.33	1.74 No	0.664 Thermal Discharging
TER083	163	'5500085_/500833416_2'		4.7	10	10	2	1.5	10	5.21 No	1.5 Element Fault
TER083	164	'5499958_/5499955_2'		1.97	3.33	3.33	0.664	0.3	3.33	1.74 No	0.3 Element Fault
TER083	165	'43724087_/5499929'		1.9	3.33	3.33	0.664	0.3	3.33	1.74 No	0.3 Element Fault
TER083	166	'5501667_/5501677'		1.97	3.33	3.33	0.664	0.5	3.33	1.74 No	0.5 Element Fault

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TER083	167	'5502697_/_5502813'	6.1	10	10	2	10	10	5.21	No	2 Thermal Discharging
TER083	168	'5500101_/_5500099'	3.4	6.67	6.67	1.336	1	6.67	3.47	No	1 Element Fault
TER083	169	'463202845_/_5502728_1'	6.1	10	10	2	0.9	10	5.21	No	0.9 Element Fault
TER083	170	'5502658_/_5502656_1'	2	3.33	3.33	0.664	0.3	3.33	1.74	No	0.3 Element Fault
TER083	171	'8660409_/_8660407'	4.7	10	10	2	4.9	10	5.21	No	2 Thermal Discharging
TER083	172	'43720612_/_5500082'	4.6	10	10	2	1.5	10	5.21	No	1.5 Element Fault
TER083	173	'5509018_/_5509015'	1.93	3.33	3.33	0.664	0.3	3.33	1.74	No	0.3 Element Fault
TER083	174	'43725894_/_5500814'	5.5	10	10	2	0.9	10	5.21	No	0.9 Element Fault
TER083	175	'5500300_/_5500777'	4.5	10	10	2	1.5	10	5.21	No	1.5 Element Fault
TER083	176	'43720399_/_5502728_2'	5.7	10	10	2	0.9	10	5.21	No	0.9 Element Fault
TER083	177	'43724065_/_5502669'	1.9	3.33	3.33	0.664	0.3	3.33	1.74	No	0.3 Element Fault
TER083	178	'5500817_/_5501974_1'	5.4	10	10	2	0.9	10	5.21	No	0.9 Element Fault
TER083	179	'5499983_/_5502656_2'	1.93	3.33	3.33	0.664	0.3	3.33	1.74	No	0.3 Element Fault
TER083	180	'5509083_/_5509080'	1.87	3.33	3.33	0.664	0.3	3.33	1.74	No	0.3 Element Fault
TER083	181	'5500051_/_5500065'	4.4	10	10	2	1.5	10	5.21	No	1.5 Element Fault
TER083	182	'8353628_/_9296432'	4.4	10	10	2	4.7	10	5.21	No	2 Thermal Discharging
TER083	183	'43720576_/_5500130'	3.07	6.67	6.67	1.336	1	6.67	3.47	No	1 Element Fault
TER083	184	'5501762_/_5501759'	1.83	3.33	3.33	0.664	0.3	3.33	1.74	No	0.3 Element Fault
TER083	185	'380743914_/_5501772'	1.83	3.33	3.33	0.664	0.3	3.33	1.74	No	0.3 Element Fault
TER083	186	'5501804_/_43724089'	1.77	3.33	3.33	0.664	0.3	3.33	1.74	No	0.3 Element Fault
TER083	187	'5502023_/_5502879'	1.83	3.33	3.33	0.664	0.3	3.33	1.74	No	0.3 Element Fault
TER083	188	'43720638_/_5500298'	4.3	10	10	2	1.5	10	5.21	No	1.5 Element Fault
TER083	189	'43720362_/_43720364'	1.8	3.33	3.33	0.664	0.5	3.33	1.74	No	0.5 Element Fault
TER083	190	'8352854_/_9608141'	4.3	10	10	2	4.9	10	5.21	No	2 Thermal Discharging
TER083	191	'43724041_/_5499981'	1.83	3.33	3.33	0.664	0.3	3.33	1.74	No	0.3 Element Fault
TER083	192	'5501977_/_5501974_2'	5.2	10	10	2	0.9	10	5.21	No	0.9 Element Fault
TER083	193	'5500133_/_43720578'	2.93	6.67	6.67	1.336	1	6.67	3.47	No	1 Element Fault
TER083	194	'5501749_/_5501746'	1.8	3.33	3.33	0.664	0.3	3.33	1.74	No	0.3 Element Fault
TER083	195	'43727348_/_5509093'	1.77	3.33	3.33	0.664	0.3	3.33	1.74	No	0.3 Element Fault
TER083	196	'5501950_/_5502021'	1.77	3.33	3.33	0.664	0.3	3.33	1.74	No	0.3 Element Fault
TER083	197	'5502639_/_43720401'	5.3	10	10	2	0.9	10	5.21	No	0.9 Element Fault
TER083	198	'5501817_/_5501814'	1.7	3.33	3.33	0.664	0.3	3.33	1.74	No	0.3 Element Fault
TER083	199	'5500014_/_5500048'	4.1	10	10	2	1.5	10	5.21	No	1.5 Element Fault
TER083	200	'44679961_/_5501443'	1.43	3.33	3.33	0.664	0.5	3.33	1.74	No	0.5 Element Fault
TER083	201	'467659523_/_5501651'	1.7	3.33	3.33	0.664	0.5	3.33	1.74	No	0.5 Element Fault
TER083	202	'5501625_/_5501638'	1.7	3.33	3.33	0.664	0.5	3.33	1.74	No	0.5 Element Fault
TER083	203	'5476425_/_5509028'	1.7	3.33	3.33	0.664	0.3	3.33	1.74	No	0.3 Element Fault
TER083	204	'5501710_/_43724043'	1.73	3.33	3.33	0.664	0.3	3.33	1.74	No	0.3 Element Fault
TER083	205	'5501901_/_5501898'	1.7	3.33	3.33	0.664	0.3	3.33	1.74	No	0.3 Element Fault
TER083	206	'5500034_/_5500031'	4	10	10	2	1.5	10	5.21	No	1.5 Element Fault
TER083	207	'5499997_/_5500011'	4	10	10	2	1.5	10	5.21	No	1.5 Element Fault
TER083	208	'43725907_/_5501991'	4.8	10	10	2	0.9	10	5.21	No	0.9 Element Fault
TER083	209	'5501833_/_43724100'	1.6	3.33	3.33	0.664	0.3	3.33	1.74	No	0.3 Element Fault
TER083	210	'43725746_/_5501948'	1.67	3.33	3.33	0.664	0.3	3.33	1.74	No	0.3 Element Fault
TER083	211	'7716428_/_8352851'	4	10	10	2	4.9	10	5.21	No	2 Thermal Discharging
TER083	212	'5501624_/_5501622'	1.67	3.33	3.33	0.664	0.5	3.33	1.74	No	0.5 Element Fault
TER083	213	'8353627_/_8353625'	4	10	10	2	4.7	10	5.21	No	2 Thermal Discharging
TER083	214	'5502011_/_5502008'	1.67	3.33	3.33	0.664	0.5	3.33	1.74	No	0.5 Element Fault
TER083	215	'5501723_/_5501720'	1.67	3.33	3.33	0.664	0.3	3.33	1.74	No	0.3 Element Fault
TER083	216	'5499996_/_5499994'	3.9	10	10	2	1.5	10	5.21	No	1.5 Element Fault
TER083	217	'5507621_/_5507618'	3.9	10	10	2	1.5	10	5.21	No	1.5 Element Fault
TER083	218	'5476426_/_5476423'	1.6	3.33	3.33	0.664	0.3	3.33	1.74	No	0.3 Element Fault
TER083	219	'7716427_/_7716425'	3.8	10	10	2	4.9	10	5.21	No	2 Thermal Discharging
TER083	220	'5503340_/_5503337'	4.5	10	10	2	0.9	10	5.21	No	0.9 Element Fault
TER083	221	'7716348_/_8980107'	3.8	10	10	2	4.7	10	5.21	No	2 Thermal Discharging
TER083	222	'5501964_/_43725748'	1.57	3.33	3.33	0.664	0.3	3.33	1.74	No	0.3 Element Fault
TER083	223	'43720588_/_43720590'	3.8	10	10	2	1.5	10	5.21	No	1.5 Element Fault
TER083	224	'5501736_/_5501733'	1.57	3.33	3.33	0.664	0.3	3.33	1.74	No	0.3 Element Fault
TER083	225	'7716627_/_7716625'	3.8	10	10	2	4.9	10	5.21	No	2 Thermal Discharging
TER083	226	'496592538_/_8027931'	3.8	10	10	2	4.9	10	5.21	No	2 Thermal Discharging
TER083	227	'5501791_/_5501788'	1.53	3.33	3.33	0.664	0.3	3.33	1.74	No	0.3 Element Fault
TER083	228	'5500227_/_5500264'	3.7	10	10	2	1.5	10	5.21	No	1.5 Element Fault
TER083	229	'5502118_/_5503354'	4.3	10	10	2	0.9	10	5.21	No	0.9 Element Fault
TER083	230	'43727071_/_5506560'	1.5	3.33	3.33	0.664	0.3	3.33	1.74	No	0.3 Element Fault
TER083	231	'69696032_/_496592560'	3.6	10	10	2	4.9	10	5.21	No	2 Thermal Discharging
TER083	232	'5500247_/_5500244'	3.5	10	10	2	1.5	10	5.21	No	1.5 Element Fault
TER083	233	'37915557_/_69696029'	3.6	10	10	2	4.9	10	5.21	No	2 Thermal Discharging
TER083	234	'37915535_/_37915561'	3.6	10	10	2	4.9	10	5.21	No	2 Thermal Discharging
TER083	235	'37915542_/_37915539'	3.6	10	10	2	4.9	10	5.21	No	2 Thermal Discharging
TER083	236	'37915528_/_37915532'	3.6	10	10	2	4.9	10	5.21	No	2 Thermal Discharging
TER083	237	'404468961_/_404468958'	3.6	10	10	2	4.9	10	5.21	No	2 Thermal Discharging
TER083	238	'7402669_/_7402666'	3.5	10	10	2	4.9	10	5.21	No	2 Thermal Discharging
TER083	239	'5500207_/_5500224'	3.5	10	10	2	1.5	10	5.21	No	1.5 Element Fault
TER083	240	'5501846_/_5501843'	1.43	3.33	3.33	0.664	0.3	3.33	1.74	No	0.3 Element Fault
TER083	241	'5506563_/_43727073'	1.43	3.33	3.33	0.664	0.3	3.33	1.74	No	0.3 Element Fault
TER083	242	'5500318_/_5500315'	1.2	3.33	3.33	0.664	0.5	3.33	1.74	No	0.5 Element Fault
TER083	243	'5500833_/_5502116'	4	10	10	2	0.9	10	5.21	No	0.9 Element Fault
TER083	244	'7402745_/_7716345'	3.4	10	10	2	4.7	10	5.21	No	2 Thermal Discharging
TER083	245	'9293564_/_9293561'	3.4	10	10	2	4.9	10	5.21	No	2 Thermal Discharging
TER083	246	'7402709_/_8353067'	3.4	10	10	2	4.9	10	5.21	No	2 Thermal Discharging
TER083	247	'5501859_/_5501856'	1.37	3.33	3.33	0.664	0.3	3.33	1.74	No	0.3 Element Fault
TER083	248	'5500331_/_5500328'	1.17	3.33	3.33	0.664	0.5	3.33	1.74	No	0.5 Element Fault
TER083	249	'5500834_/_5500831'	3.8	10	10	2	0.9	10	5.21	No	0.9 Element Fault
TER083	250	'5500170_/_5500204'	3.3	10	10	2	1.5	10	5.21	No	1.5 Element Fault
TER083	251	'5500347_/_5500344'	1.13	3.33	3.33	0.664	0.5	3.33	1.74	No	0.5 Element Fault
TER083	252	'7402708_/_7402706'	3.2	10	10	2	4.9	10	5.21	No	2 Thermal Discharging
TER083	253	'5502895_/_5502918'	3.7	10	10	2	0.9	10	5.21	No	0.9 Element Fault
TER083	254	'436030142_/_436030163'	3.2	10	10	2	4.9	10	5.21	No	2 Thermal Discharging
TER083	255	'51357605_/_5502892_1'	1.23	3.33	3.33	0.664	0.1	3.33	1.74	No	0.1 Element Fault
TER083	256	'5500191_/_5500188'	1.1	3.33	3.33	0.664	0.5	3.33	1.74	No	0.5 Element Fault
TER083	257	'43720565_/_5500357'	1.1	3.33	3.33	0.664	0.5	3.33	1.74	No	0.5 Element Fault
TER083	258	'43724198_/_5501869'	1.3	3.33	3.33	0.664	0.3	3.33	1.74	No	0.3 Element Fault
TER083	259	'7714089_/_7714087'	3.2	10	10	2	4.9	10	5.21	No	2 Thermal Discharging
TER083	260	'5500171_/_602213510'	3.1	10	10	2	1.5	10	5.21	No	1.5 Element Fault

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TER083	261	'51357598_/5502892_2'		1.23	3.33	3.33	0.664	0.1	3.33	1.74 No	0.1 Element Fault
TER083	262	'43720570_/43720567'		1.1	3.33	3.33	0.664	0.5	3.33	1.74 No	0.5 Element Fault
TER083	263	'5501885_/5501882'		1.27	3.33	3.33	0.664	0.3	3.33	1.74 No	0.3 Element Fault
TER083	264	'5501563_/5501573_2'		1	3.33	3.33	0.664	0.5	3.33	1.74 No	0.5 Element Fault
TER083	265	'5500954_/5502935'		3.5	10	10	2	0.9	10	5.21 No	0.9 Element Fault
TER083	266	'43720510_/5501573_1'		1	3.33	3.33	0.664	0.3	3.33	1.74 No	0.3 Element Fault
TER083	267	'43724209_/5509041'		1.23	3.33	3.33	0.664	0.3	3.33	1.74 No	0.3 Element Fault
TER083	268	'43724143_/5502149'		1.17	3.33	3.33	0.664	0.1	3.33	1.74 No	0.1 Element Fault
TER083	269	'7715531_/8352067'		3	10	10	2	4.9	10	5.21 No	2 Thermal Discharging
TER083	270	'5500922_/5500952'		3.4	10	10	2	0.9	10	5.21 No	0.9 Element Fault
TER083	271	'43720498_/43720500'		0.97	3.33	3.33	0.664	0.3	3.33	1.74 No	0.3 Element Fault
TER083	272	'149006052_/7715529'		2.9	10	10	2	4.9	10	5.21 No	2 Thermal Discharging
TER083	273	'37915157_/37915161'		2.9	10	10	2	4.9	10	5.21 No	2 Thermal Discharging
TER083	274	'54234248_/7151743'		1.17	3.33	3.33	0.664	0.1	3.33	1.74 No	0.1 Element Fault
TER083	275	'5502907_/5502905'		1.17	3.33	3.33	0.664	0.1	3.33	1.74 No	0.1 Element Fault
TER083	276	'5500905_/5500919'		3.3	10	10	2	0.9	10	5.21 No	0.9 Element Fault
TER083	277	'5501537_/5501547'		0.93	3.33	3.33	0.664	0.3	3.33	1.74 No	0.3 Element Fault
TER083	278	'77151746_/54234252'		1.13	3.33	3.33	0.664	0.1	3.33	1.74 No	0.1 Element Fault
TER083	279	'5500888_/5500902'		3.2	10	10	2	0.9	10	5.21 No	0.9 Element Fault
TER083	280	'43724132_/5503394'		1.1	3.33	3.33	0.664	0.1	3.33	1.74 No	0.1 Element Fault
TER083	281	'7716487_/7716485_1'		3.2	10	10	2	0.5	10	5.21 No	0.5 Element Fault
TER083	282	'5501524_/5501534'		0.9	3.33	3.33	0.664	0.3	3.33	1.74 No	0.3 Element Fault
TER083	283	'43724801_/43724803'		3.1	10	10	2	0.9	10	5.21 No	0.9 Element Fault
TER083	284	'5502079_/5502096'		3.1	10	10	2	0.9	10	5.21 No	0.9 Element Fault
TER083	285	'43724120_/43724122'		1.07	3.33	3.33	0.664	0.1	3.33	1.74 No	0.1 Element Fault
TER083	286	'5501511_/5501521'		0.9	3.33	3.33	0.664	0.3	3.33	1.74 No	0.3 Element Fault
TER083	287	'5502037_/5502047'		1.03	3.33	3.33	0.664	0.1	3.33	1.74 No	0.1 Element Fault
TER083	288	'43720487_/5501508'		0.87	3.33	3.33	0.664	0.3	3.33	1.74 No	0.3 Element Fault
TER083	289	'43724788_/43724790'		3	10	10	2	0.9	10	5.21 No	0.9 Element Fault
TER083	290	'5501485_/5501495'		0.83	3.33	3.33	0.664	0.3	3.33	1.74 No	0.3 Element Fault
TER083	291	'43724109_/43724111'		1	3.33	3.33	0.664	0.1	3.33	1.74 No	0.1 Element Fault
TER083	292	'5502078_/5502076'		2.9	10	10	2	0.9	10	5.21 No	0.9 Element Fault
TER083	293	'43720476_/43720478'		0.83	3.33	3.33	0.664	0.3	3.33	1.74 No	0.3 Element Fault
TER083	294	'5502036_/5502034'		1	3.33	3.33	0.664	0.1	3.33	1.74 No	0.1 Element Fault
TER083	295	'7716488_/7716485_2'		2.7	9.9	10	2	0.5	10	5.21 No	0.5 Element Fault
TER083	296	'5501459_/5501469'		0.8	3.33	3.33	0.664	0.3	3.33	1.74 No	0.3 Element Fault
TER083	297	'7402728_/7402726'		0.93	3.33	3.33	0.664	0.1	3.33	1.74 No	0.1 Element Fault
TER083	298	'5501458_/5501456'		0.77	3.3	3.33	0.664	0.3	3.33	1.74 No	0.3 Element Fault
TER083	299	'43727337_/43727339'		0.77	3.17	3.33	0.664	0.3	3.33	1.74 No	0.3 Element Fault
TER083	300	'5508719_/5508717'		0.73	3.03	3.33	0.664	0.3	3.33	1.74 No	0.3 Element Fault
TER084	0	'TER084_/9646587'		10	10	10	0	10	10	6.9 No	0 Thermal Discharging
TER084	1	'9646590_/9646587'		10	10	10	0	10	10	6.9 No	0 Thermal Discharging
TER084	2	'9295534_/9646607'		10	10	10	0	10	10	6.9 No	0 Thermal Discharging
TER084	3	'9295535_/9295532'		10	10	10	0	10	10	6.9 No	0 Thermal Discharging
TER084	4	'8700301_/9295592'		10	10	10	0	10	10	6.9 No	0 Thermal Discharging
TER084	5	'8389891_/8700298'		10	10	10	0	10	10	6.9 No	0 Thermal Discharging
TER084	6	'8110853_/8389888'		10	10	10	0	10	10	6.9 No	0 Thermal Discharging
TER084	7	'8110852_/8110850'		10	10	10	0	10	10	6.9 No	0 Thermal Discharging
TER084	8	'8662353_/8662351'		10	10	10	0	10	10	6.9 No	0 Thermal Discharging
TER084	9	'7402965_/9609035'		10	10	10	0	10	10	6.9 No	0 Thermal Discharging
TER084	10	'7402964_/7402962'		10	10	10	0	10	10	6.9 No	0 Thermal Discharging
TER084	11	'8353090_/9293621'		10	10	10	0	10	10	6.9 No	0 Thermal Discharging
TER084	12	'8353089_/8353087'		10	10	10	0	10	10	6.9 No	0 Thermal Discharging
TER084	13	'8353250_/9293637'		10	10	10	0	10	10	6.9 No	0 Thermal Discharging
TER084	14	'8353249_/8353247'		10	10	10	0	10	10	6.9 No	0 Thermal Discharging
TER084	15	'8039949_/9293815'		10	10	10	0	10	10	6.9 No	0 Thermal Discharging
TER084	16	'8039948_/8039946'		10	10	10	0	10	10	6.9 No	0 Thermal Discharging
TER084	17	'9589633_/9589631'		10	10	10	0	10	10	6.9 No	0 Thermal Discharging
TER084	18	'7716527_/9608341'		10	10	10	0	10	10	6.9 No	0 Thermal Discharging
TER084	19	'7716528_/7716525'		10	10	10	0	10	10	6.9 No	0 Thermal Discharging
TER084	20	'7402529_/9608241'		10	10	10	0	10	10	6.9 No	0 Thermal Discharging
TER084	21	'7402528_/7402526'		10	10	10	0	10	10	6.9 No	0 Thermal Discharging
TER084	22	'7402568_/7402566'		10	10	10	0	10	10	6.9 No	0 Thermal Discharging
TER084	23	'414734065_/414734059'		10	10	10	0	10	10	6.9 No	0 Thermal Discharging
TER084	24	'450503349_/400058369'		10	10	10	0	10	10	6.9 No	0 Thermal Discharging
TER084	25	'400841470_/450503413'		10	10	10	0	10	10	6.9 No	0 Thermal Discharging
TER084	26	'406641220_/406641230'		2.9	10	10	0	10	10	6.9 No	0 Thermal Discharging
TER084	27	'405617674_/405617680'		2.8	10	10	0	10	10	6.9 No	0 Thermal Discharging
TER085	0	'TER085_/9646627_2'		10	10	10	1.04	10	10	7.05 No	1.04 Thermal Discharging
TER085	1	'114819301_/9646627_2'		10	10	10	1.04	10	10	7.05 No	1.04 Thermal Discharging
TER085	2	'6261219_/9646627_1'		10	10	10	1.04	10	10	7.05 No	1.04 Thermal Discharging
TER085	3	'6261182_/6261233'		10	10	10	1.04	10	10	7.05 No	1.04 Thermal Discharging
TER085	4	'6261128_/6261216'		10	10	10	1.04	10	10	7.05 No	1.04 Thermal Discharging
TER085	5	'6260734_/6261179'		10	10	10	1.04	10	10	7.05 No	1.04 Thermal Discharging
TER085	6	'6261201_/6261290'		10	10	10	1.04	10	10	7.05 No	1.04 Thermal Discharging
TER085	7	'6261108_/6261125'		10	10	10	1.04	10	10	7.05 No	1.04 Thermal Discharging
TER085	8	'6260717_/6260731'		10	10	10	1.04	10	10	7.05 No	1.04 Thermal Discharging
TER085	9	'43880353_/6261253'		10	10	10	1.04	10	10	7.05 No	1.04 Thermal Discharging
TER085	10	'50345306_/6261273_1'		10	10	10	1.04	3.2	10	7.05 No	1.04 Thermal Discharging
TER085	11	'9295294_/9295292_1'		10	10	10	1.04	1.5	10	7.05 No	1.04 Thermal Discharging
TER085	12	'6261144_/6261199'		10	10	10	1.04	10	10	7.05 No	1.04 Thermal Discharging
TER085	13	'6260700_/6260714'		10	10	10	1.04	10	10	7.05 No	1.04 Thermal Discharging
TER085	14	'6261145_/6261142'		10	10	10	1.04	10	10	7.05 No	1.04 Thermal Discharging
TER085	15	'6260683_/6260697'		10	10	10	1.04	10	10	7.05 No	1.04 Thermal Discharging
TER085	16	'8389970_/8389968_1'		10	10	10	1.04	1.5	10	7.05 No	1.04 Thermal Discharging
TER085	17	'6261418_/6261415'		10	10	10	1.04	10	10	7.05 No	1.04 Thermal Discharging
TER085	18	'6260750_/6261159_1'		10	10	10	1.04	1.5	10	7.05 No	1.04 Thermal Discharging
TER085	19	'43880256_/6261159_2'		10	10	10	1.04	1.5	10	7.05 No	1.04 Thermal Discharging
TER085	20	'6260682_/6260680'		10	10	10	1.04	10	10	7.05 No	1.04 Thermal Discharging
TER085	21	'9646750_/9646767_1'		10	10	10	1.04	1.5	10	7.05 No	1.04 Thermal Discharging
TER085	22	'43880379_/6261529'		10	10	10	1.04	10	10	7.05 No	1.04 Thermal Discharging
TER085	23	'8075098_/9020121_1'		10	10	10	1.04	1.5	10	7.05 No	1.04 Thermal Discharging
TER085	24	'6261532_/43880381'		10	10	10	1.04	10	10	7.05 No	1.04 Thermal Discharging
TER085	25	'116286133_/65964816_1'		10	10	10	1.04	10	10	7.05 No	1.04 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over- Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TER085	26	'6259607_/_6261273_2'		10	10	10	1.04	3.2	10	7.05 No	1.04 Thermal Discharging
TER085	27	'65964454_/_7096319'		10	10	10	1.04	10	10	7.05 No	1.04 Thermal Discharging
TER085	28	'6261549_/_6261546'		10	10	10	1.04	10	10	7.05 No	1.04 Thermal Discharging
TER085	29	'5509405_/_65964457'		10	10	10	1.04	10	10	7.05 No	1.04 Thermal Discharging
TER085	30	'8662218_/_9683208_1'	3.33		3.33	3.33	0.344	0.5	3.33	2.35 No	0.344 Thermal Discharging
TER085	31	'5509337_/_5509402'		10	10	10	1.04	10	10	7.05 No	1.04 Thermal Discharging
TER085	32	'5509314_/_49248644_2'		10	10	10	1.04	10	10	7.05 No	1.04 Thermal Discharging
TER085	33	'49248647_/_49248644_1'		10	10	10	1.04	10	10	7.05 No	1.04 Thermal Discharging
TER085	34	'69412090_/_69412070_1'		10	10	10	1.04	1.5	10	7.05 No	1.04 Thermal Discharging
TER085	35	'43878065_/_6259621'		10	10	10	1.04	3.2	10	7.05 No	1.04 Thermal Discharging
TER085	36	'61697430_/_8389948_2'		10	10	10	1.04	3.2	10	7.05 No	1.04 Thermal Discharging
TER085	37	'5509313_/_64604695'		10	10	10	1.04	10	10	7.05 No	1.04 Thermal Discharging
TER085	38	'69412047_/_69412070_2'		10	10	10	1.04	1.5	10	7.05 No	1.04 Thermal Discharging
TER085	39	'9646770_/_9646767_2'		10	10	10	1.04	1.5	10	7.05 No	1.04 Thermal Discharging
TER085	40	'5509371_/_5509385'		10	10	10	1.04	10	10	7.05 No	1.04 Thermal Discharging
TER085	41	'9020124_/_9020121_2'		10	10	10	1.04	1.5	10	7.05 No	1.04 Thermal Discharging
TER085	42	'7404438_/_7404436_1'		10	10	10	1.04	1.5	10	7.05 No	1.04 Thermal Discharging
TER085	43	'8389951_/_8389948_1'		10	10	10	1.04	1.5	10	7.05 No	1.04 Thermal Discharging
TER085	44	'5509370_/_5509368'		10	10	10	1.04	10	10	7.05 No	1.04 Thermal Discharging
TER085	45	'89655822_/_89655708_1'		10	10	10	1.04	10	10	7.05 No	1.04 Thermal Discharging
TER085	46	'6257081_/_6259604'		10	10	10	1.04	3.2	10	7.05 No	1.04 Thermal Discharging
TER085	47	'8040941_/_8040938_2'		10	10	10	1.04	5.3	10	7.05 No	1.04 Thermal Discharging
TER085	48	'9295295_/_9295292_2'		10	10	10	1.04	1.5	10	7.05 No	1.04 Thermal Discharging
TER085	49	'7404439_/_7404436_2'		10	10	10	1.04	1.5	10	7.05 No	1.04 Thermal Discharging
TER085	50	'8389971_/_8389968_2'		10	10	10	1.04	1.5	10	7.05 No	1.04 Thermal Discharging
TER085	51	'6257064_/_6257078'		10	10	10	1.04	3.2	10	7.05 No	1.04 Thermal Discharging
TER085	52	'8040940_/_8040938_1'		10	10	10	1.04	3.3	10	7.05 No	1.04 Thermal Discharging
TER085	53	'43880270_/_43880258'		10	10	10	1.04	1.5	10	7.05 No	1.04 Thermal Discharging
TER085	54	'6255387_/_6257061'		10	10	10	1.04	3.2	10	7.05 No	1.04 Thermal Discharging
TER085	55	'9683211_/_9683208_2'	3.33		3.33	3.33	0.344	0.5	3.33	2.35 No	0.344 Thermal Discharging
TER085	56	'37915606_/_89655708_2'		10	10	10	1.04	10	10	7.05 No	1.04 Thermal Discharging
TER085	57	'404457376_/_37915603'		10	10	10	1.04	10	10	7.05 No	1.04 Thermal Discharging
TER085	58	'37915648_/_37915645'		10	10	10	1.04	4.7	10	7.05 No	1.04 Thermal Discharging
TER085	59	'37915571_/_37915575'		10	10	10	1.04	4.8	10	7.05 No	1.04 Thermal Discharging
TER085	60	'37915592_/_37915596'		10	10	10	1.04	10	10	7.05 No	1.04 Thermal Discharging
TER085	61	'43878052_/_43878054'		10	10	10	1.04	3.2	10	7.05 No	1.04 Thermal Discharging
TER085	62	'38011807_/_90321276'		10	10	10	1.04	4.7	10	7.05 No	1.04 Thermal Discharging
TER085	63	'38011814_/_38011811'		10	10	10	1.04	4.7	10	7.05 No	1.04 Thermal Discharging
TER085	64	'38011821_/_38011818'		10	10	10	1.04	4.7	10	7.05 No	1.04 Thermal Discharging
TER085	65	'38011835_/_38011839'		10	10	10	1.04	4.7	10	7.05 No	1.04 Thermal Discharging
TER085	66	'404468750_/_404468747'		10	10	10	1.04	4.7	10	7.05 No	1.04 Thermal Discharging
TER085	67	'8980264_/_8980261'		10	10	10	1.04	4.7	10	7.05 No	1.04 Thermal Discharging
TER085	68	'9608877_/_456471904'		10	10	10	1.04	3.3	10	7.05 No	1.04 Thermal Discharging
TER085	69	'7716687_/_8353167'		10	10	10	1.04	4.7	10	7.05 No	1.04 Thermal Discharging
TER085	70	'602641799_/_456471937'		10	10	10	1.04	3.3	10	7.05 No	1.04 Thermal Discharging
TER085	71	'602641693_/_602641838'		10	10	10	1.04	3.3	10	7.05 No	1.04 Thermal Discharging
TER085	72	'6255386_/_6255384'		10	10	10	1.04	2.3	10	7.05 No	1.04 Thermal Discharging
TER085	73	'602641680_/_602641690'		10	10	10	1.04	3.3	10	7.05 No	1.04 Thermal Discharging
TER085	74	'602641699_/_602641696'		10	10	10	1.04	3.3	10	7.05 No	1.04 Thermal Discharging
TER085	75	'602641687_/_602641684'		10	10	10	1.04	3.3	10	7.05 No	1.04 Thermal Discharging
TER085	76	'602641681_/_602641678'		10	10	10	1.04	3.3	10	7.05 No	1.04 Thermal Discharging
TER085	77	'602641737_/_602641776'		10	10	10	1.04	3.3	10	7.05 No	1.04 Thermal Discharging
TER085	78	'420152115_/_420152259'		10	10	10	1.04	10	10	7.05 No	1.04 Thermal Discharging
TER085	79	'420152092_/_420152113'		10	10	10	1.04	10	10	7.05 No	1.04 Thermal Discharging
TER085	80	'420152091_/_420152089'		10	10	10	1.04	4.8	10	7.05 No	1.04 Thermal Discharging
TER085	81	'420152099_/_420152097'		10	10	10	1.04	10	10	7.05 No	1.04 Thermal Discharging
TER085	82	'420152107_/_420152105'		10	10	10	1.04	10	10	7.05 No	1.04 Thermal Discharging
TER085	83	'6260751_/_43880272'		10	10	10	1.04	1.5	10	7.05 No	1.04 Thermal Discharging
TER085	84	'9295163_/_9295160'		10	10	10	1.04	2.3	10	7.05 No	1.04 Thermal Discharging
TER085	85	'110699546_/_9293675'		10	10	10	1.04	4.8	10	7.05 No	1.04 Thermal Discharging
TER085	86	'8980169_/_110699675'		10	10	10	1.04	4.8	10	7.05 No	1.04 Thermal Discharging
TER085	87	'7716688_/_7716685'		10	10	10	1.04	4.7	10	7.05 No	1.04 Thermal Discharging
TER085	88	'138734907_/_420152195'		10	10	10	1.04	10	10	7.05 No	1.04 Thermal Discharging
TER085	89	'502798271_/_138734890'		10	10	10	1.04	10	10	7.05 No	1.04 Thermal Discharging
TER085	90	'138734900_/_138734883'		10	10	10	1.04	10	10	7.05 No	1.04 Thermal Discharging
TER085	91	'502798268_/_138734904'		10	10	10	1.04	4.7	10	7.05 No	1.04 Thermal Discharging
TER085	92	'502798351_/_138734897'		10	10	10	1.04	4.6	10	7.05 No	1.04 Thermal Discharging
TER085	93	'7403895_/_602641757'		10	10	10	1.04	3.3	10	7.05 No	1.04 Thermal Discharging
TER085	94	'110699605_/_110699641'		10	10	10	1.04	4.8	10	7.05 No	1.04 Thermal Discharging
TER085	95	'37915949_/_420152300'		10	10	10	1.04	4.8	10	7.05 No	1.04 Thermal Discharging
TER085	96	'660274006_/_660274033'		10	10	10	1.04	10	10	7.05 No	1.04 Thermal Discharging
TER085	97	'7790533_/_8661283'		10	10	10	1.04	4.7	10	7.05 No	1.04 Thermal Discharging
TER085	98	'8028013_/_8028011'		10	10	10	1.04	4.7	10	7.05 No	1.04 Thermal Discharging
TER085	99	'8660790_/_8980187'		10	10	10	1.04	4.8	10	7.05 No	1.04 Thermal Discharging
TER085	100	'7716088_/_8353765_2'		10	10	10	1.04	10	10	7.05 No	1.04 Thermal Discharging
TER085	101	'5496271_/_8353765_1'		10	10	10	1.04	10	10	7.05 No	1.04 Thermal Discharging
TER085	102	'5496272_/_5496269'		10	10	10	1.04	10	10	7.05 No	1.04 Thermal Discharging
TER085	103	'8659982_/_8979391_1'		10	10	10	1.04	1.5	10	7.05 No	1.04 Thermal Discharging
TER085	104	'5496289_/_5496286'		10	10	10	1.04	10	10	7.05 No	1.04 Thermal Discharging
TER085	105	'7790534_/_7790531'		10	10	10	1.04	4.7	10	7.05 No	1.04 Thermal Discharging
TER085	106	'5504223_/_5504221'		10	10	10	1.04	8.1	10	7.05 No	1.04 Thermal Discharging
TER085	107	'241330796_/_241330808'		10	10	10	1.04	4.6	10	7.05 No	1.04 Thermal Discharging
TER085	108	'5476902_/_5504255'		10	10	10	1.04	8.1	10	7.05 No	1.04 Thermal Discharging
TER085	109	'5476918_/_5504238'		10	10	10	1.04	8.1	10	7.05 No	1.04 Thermal Discharging
TER085	110	'43726821_/_43726823'		10	10	10	1.04	8.1	10	7.05 No	1.04 Thermal Discharging
TER085	111	'5476919_/_5476916'		10	10	10	1.04	8.1	10	7.05 No	1.04 Thermal Discharging
TER085	112	'5497781_/_5497798'		10	10	10	1.04	8.1	10	7.05 No	1.04 Thermal Discharging
TER085	113	'8419182_/_8419180_1'		10	10	10	1.04	1.5	10	7.05 No	1.04 Thermal Discharging
TER085	114	'5497764_/_5497778'		10	10	10	1.04	8.1	10	7.05 No	1.04 Thermal Discharging
TER085	115	'5497747_/_5497761'		10	10	10	1.04	8.1	10	7.05 No	1.04 Thermal Discharging
TER085	116	'8660810_/_58102355'		10	10	10	1.04	4.7	10	7.05 No	1.04 Thermal Discharging
TER085	117	'5497414_/_5497744'		10	10	10	1.04	8.1	10	7.05 No	1.04 Thermal Discharging
TER085	118	'56971577_/_5497456_2'		10	10	10	1.04	8.1	10	7.05 No	1.04 Thermal Discharging
TER085	119	'469795543_/_5497435_1'		10	10	10	1.04	1.5	10	7.05 No	1.04 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TER085	120	'5497415_/_7096153_1'		10	10	10	1.04	1.5	10	7.05 No	1.04 Thermal Discharging
TER085	121	'5497458_/_5497456_1'		10	10	10	1.04	8.1	10	7.05 No	1.04 Thermal Discharging
TER085	122	'469824511_/_8419200_2'		10	10	10	1.04	8.1	10	7.05 No	1.04 Thermal Discharging
TER085	123	'7402804_/_9603783'		10	10	10	1.04	4.8	10	7.05 No	1.04 Thermal Discharging
TER085	124	'56971585_/_5497435_2'		10	10	10	1.04	1.5	10	7.05 No	1.04 Thermal Discharging
TER085	125	'7790553_/_7790551'		10	10	10	1.04	4.7	10	7.05 No	1.04 Thermal Discharging
TER085	126	'5497257_/_5497473'		10	10	10	1.04	8.1	10	7.05 No	1.04 Thermal Discharging
TER085	127	'8659941_/_8979391_2'		10	10	10	1.04	1.5	10	7.05 No	1.04 Thermal Discharging
TER085	128	'43720741_/_5497255'		10	10	10	1.04	8.1	10	7.05 No	1.04 Thermal Discharging
TER085	129	'5460659_/_7096153_2'		10	10	10	1.04	1.5	10	7.05 No	1.04 Thermal Discharging
TER085	130	'5497241_/_5497238'		10	10	10	1.04	8.1	10	7.05 No	1.04 Thermal Discharging
TER085	131	'8353150_/_456582180'		10	10	10	1.04	3.3	10	7.05 No	1.04 Thermal Discharging
TER085	132	'8036650_/_8419200_1'		10	10	10	1.04	8.1	10	7.05 No	1.04 Thermal Discharging
TER085	133	'5460660_/_5460657'		10	10	10	1.04	1.5	10	7.05 No	1.04 Thermal Discharging
TER085	134	'398543561_/_398543570_1'		10	10	10	1.04	0.9	10	7.05 No	0.9 Element Fault
TER085	135	'7387178_/_241330884'		10	10	10	1.04	4.6	10	7.05 No	1.04 Thermal Discharging
TER085	136	'43720754_/_7095818'		10	10	10	1.04	3.3	10	7.05 No	1.04 Thermal Discharging
TER085	137	'8419183_/_8419180_2'		10	10	10	1.04	1.5	10	7.05 No	1.04 Thermal Discharging
TER085	138	'117376730_/_389847783'	3.33	3.33	3.33	3.33	0.344	0.5	3.33	2.35 No	0.344 Thermal Discharging
TER085	139	'5460639_/_5460637_1'		10	10	10	1.04	1.5	10	7.05 No	1.04 Thermal Discharging
TER085	140	'398543555_/_398543570_2'		10	10	10	1.04	0.9	10	7.05 No	0.9 Element Fault
TER085	141	'283136581_/_283136591'		10	10	10	1.04	4.8	10	7.05 No	1.04 Thermal Discharging
TER085	142	'8038935_/_8659939'		10	10	10	1.04	1.5	10	7.05 No	1.04 Thermal Discharging
TER085	143	'8353987_/_124021140'	6.67	6.67	6.67	0.696	3.13	6.67	4.7 No	0.696 Thermal Discharging	
TER085	144	'37913266_/_8036647'		10	10	10	1.04	8.1	10	7.05 No	1.04 Thermal Discharging
TER085	145	'404447830_/_37913264'		10	10	10	1.04	8.1	10	7.05 No	1.04 Thermal Discharging
TER085	146	'37913680_/_37913677'		10	10	10	1.04	8.1	10	7.05 No	1.04 Thermal Discharging
TER085	147	'37913274_/_37913271'		10	10	10	1.04	1.5	10	7.05 No	1.04 Thermal Discharging
TER085	148	'37913666_/_37913670'		10	10	10	1.04	8.1	10	7.05 No	1.04 Thermal Discharging
TER085	149	'8332983_/_8332980'		10	10	10	1.04	8.1	10	7.05 No	1.04 Thermal Discharging
TER085	150	'8353968_/_8353965'		10	10	10	1.04	4.7	10	7.05 No	1.04 Thermal Discharging
TER085	151	'241330904_/_241330952'		10	10	10	1.04	4.6	10	7.05 No	1.04 Thermal Discharging
TER085	152	'117376546_/_117376543'	3.33	3.33	3.33	0.344	0.5	3.33	2.35 No	0.344 Thermal Discharging	
TER085	153	'9605708_/_9605705'		10	10	10	1.04	1.5	10	7.05 No	1.04 Thermal Discharging
TER085	154	'124021113_/_9603823'		10	10	10	1.04	4.7	10	7.05 No	1.04 Thermal Discharging
TER085	155	'5460640_/_5460637_2'		10	10	10	1.04	1.5	10	7.05 No	1.04 Thermal Discharging
TER085	156	'8353707_/_60893263'		10	10	10	1.04	4.6	10	7.05 No	1.04 Thermal Discharging
TER085	157	'117376595_/_117376560'	3.33	3.33	3.33	0.344	0.5	3.33	2.35 No	0.344 Thermal Discharging	
TER085	158	'283136715_/_283136644'	6.67	6.67	6.67	0.696	3.2	6.67	4.7 No	0.696 Thermal Discharging	
TER085	159	'283136640_/_283136615'		10	10	10	1.04	4.8	10	7.05 No	1.04 Thermal Discharging
TER085	160	'8980227_/_8980281'		10	10	10	1.04	4.7	10	7.05 No	1.04 Thermal Discharging
TER085	161	'117376576_/_117376573'	3.33	3.33	3.33	0.344	0.5	3.33	2.35 No	0.344 Thermal Discharging	
TER085	162	'465006381_/_283136719'		10	10	10	1.04	4.8	10	7.05 No	1.04 Thermal Discharging
TER085	163	'37915977_/_465006399'		10	10	10	1.04	4.8	10	7.05 No	1.04 Thermal Discharging
TER085	164	'5460622_/_5460694'		10	10	10	1.04	1.5	10	7.05 No	1.04 Thermal Discharging
TER085	165	'37915935_/_422147644'		10	10	10	1.04	4.8	10	7.05 No	1.04 Thermal Discharging
TER085	166	'8977117_/_8977115_1'		10	10	10	1.04	0.9	10	7.05 No	0.9 Element Fault
TER085	167	'8977118_/_8977115_2'		10	10	10	1.04	0.9	10	7.05 No	0.9 Element Fault
TER085	168	'8980209_/_58102397'	6.67	6.67	6.67	0.696	3.13	6.67	4.7 No	0.696 Thermal Discharging	
TER085	169	'117376595_/_117376592'	3.33	3.33	3.33	0.344	0.5	3.33	2.35 No	0.344 Thermal Discharging	
TER085	170	'468999028_/_468999034'	5	6.67	6.67	0.696	3.2	6.67	4.7 No	0.696 Thermal Discharging	
TER085	171	'43716473_/_5460620'		10	10	10	1.04	1.5	10	7.05 No	1.04 Thermal Discharging
TER085	172	'8980210_/_58102442'	5.47	6.67	6.67	0.696	3.13	6.67	4.7 No	0.696 Thermal Discharging	
TER085	173	'468999061_/_468999065'	7.8	10	10	1.04	4.8	10	7.05 No	1.04 Thermal Discharging	
TER085	174	'9293697_/_58102480'	7	10	10	1.04	4.7	10	7.05 No	1.04 Thermal Discharging	
TER085	175	'5460572_/_5460569'		10	10	10	1.04	1.5	10	7.05 No	1.04 Thermal Discharging
TER085	176	'9293698_/_58102493'	6.4	10	10	1.04	4.7	10	7.05 No	1.04 Thermal Discharging	
TER085	177	'323377438_/_323377392_1'	6.3	10	10	1.04	3.3	10	7.05 No	1.04 Thermal Discharging	
TER085	178	'8353988_/_8353985'	6.6	10	10	1.04	4.7	10	7.05 No	1.04 Thermal Discharging	
TER085	179	'422147750_/_9603859_1'	6.5	10	10	1.04	4.8	10	7.05 No	1.04 Thermal Discharging	
TER085	180	'43716488_/_5460586'	7.6	10	10	1.04	1.5	10	7.05 No	1.04 Thermal Discharging	
TER085	181	'5460606_/_43716488'	6.5	10	10	1.04	1.5	10	7.05 No	1.04 Thermal Discharging	
TER085	182	'7717464_/_283136763'	1.63	3.33	3.33	0.344	1.6	3.33	2.35 No	0.344 Thermal Discharging	
TER085	183	'9603846_/_124021110'	1.5	3.33	3.33	0.344	1.4	3.33	2.35 No	0.344 Thermal Discharging	
TER085	184	'468999092_/_468999122'	1.17	3.33	3.33	0.344	1.4	3.33	2.35 No	0.344 Thermal Discharging	
TER086	0	'TER086_/_7440946'		10	10	1.432	10	10	7.33 No	1.432 Thermal Discharging	
TER086	1	'7440949_/_7440946'		10	10	1.432	10	10	7.33 No	1.432 Thermal Discharging	
TER086	2	'7754312_/_7754309'		10	10	1.432	10	10	7.33 No	1.432 Thermal Discharging	
TER086	3	'8390091_/_8390088'		10	10	1.432	10	10	7.33 No	1.432 Thermal Discharging	
TER086	4	'9295414_/_9295492'		10	10	1.432	10	10	7.33 No	1.432 Thermal Discharging	
TER086	5	'156759944_/_9295412'		10	10	1.432	10	10	7.33 No	1.432 Thermal Discharging	
TER086	6	'156760855_/_156760388'		10	10	1.432	10	10	7.33 No	1.432 Thermal Discharging	
TER086	7	'156761081_/_156749564'		10	10	1.432	10	10	7.33 No	1.432 Thermal Discharging	
TER086	8	'156760269_/_156760832'		10	10	1.432	10	10	7.33 No	1.432 Thermal Discharging	
TER086	9	'8700140_/_156760271'		10	10	1.432	10	10	7.33 No	1.432 Thermal Discharging	
TER086	10	'8070763_/_8700138'		10	10	1.432	10	10	7.33 No	1.432 Thermal Discharging	
TER086	11	'8070764_/_8070761'		10	10	1.432	10	10	7.33 No	1.432 Thermal Discharging	
TER086	12	'8389694_/_8389792'		10	10	1.432	10	10	7.33 No	1.432 Thermal Discharging	
TER086	13	'7440588_/_8389692'		10	10	1.432	10	10	7.33 No	1.432 Thermal Discharging	
TER086	14	'7440552_/_7440586'		10	10	1.432	10	10	7.33 No	1.432 Thermal Discharging	
TER086	15	'7440553_/_7440550'		10	10	1.432	10	10	7.33 No	1.432 Thermal Discharging	
TER086	16	'8699814_/_8699852'		10	10	1.432	10	10	7.33 No	1.432 Thermal Discharging	
TER086	17	'7753935_/_8699812'		10	10	1.432	10	10	7.33 No	1.432 Thermal Discharging	
TER086	18	'7753936_/_7753933'		10	10	1.432	10	10	7.33 No	1.432 Thermal Discharging	
TER086	19	'7440532_/_9019769'		10	10	1.432	10	10	7.33 No	1.432 Thermal Discharging	
TER086	20	'7440533_/_7440530'		10	10	1.432	10	10	7.33 No	1.432 Thermal Discharging	
TER086	21	'8412076_/_8699832'		10	10	1.432	10	10	7.33 No	1.432 Thermal Discharging	
TER086	22	'8389516_/_8412074'		10	10	1.432	10	10	7.33 No	1.432 Thermal Discharging	
TER086	23	'8389517_/_8389514'		10	10	1.432	10	10	7.33 No	1.432 Thermal Discharging	
TER086	24	'7440280_/_9332814'		10	10	1.432	10	10	7.33 No	1.432 Thermal Discharging	
TER086	25	'153794219_/_153794239'		10	10	1.432	10	10	7.33 No	1.432 Thermal Discharging	
TER086	26	'153794333_/_153794346'		10	10	1.432	10	10	7.33 No	1.432 Thermal Discharging	
TER086	27	'211729794_/_211727852'		10	10	1.432	10	10	7.33 No	1.432 Thermal Discharging	
TER086	28	'211727919_/_211727956'		10	10	1.432	10	10	7.33 No	1.432 Thermal Discharging	

Feeder Name	Feeder ID	Node	Primary Over- Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TER086	29	'211728700_/_211730566'		9.5	10	10	1.432	10	10	7.33 No	1.432 Thermal Discharging
TER086	30	'211728694_/_211728697'		9.5	10	10	1.432	10	10	7.33 No	1.432 Thermal Discharging
TER086	31	'211728714_/_211728711'		9.5	10	10	1.432	10	10	7.33 No	1.432 Thermal Discharging
TER086	32	'211728707_/_211728704'		9.5	10	10	1.432	10	10	7.33 No	1.432 Thermal Discharging
TER086	33	'211728693_/_211728690'		9.5	10	10	1.432	10	10	7.33 No	1.432 Thermal Discharging
TER086	34	'211730797_/_211733567'		8.4	10	10	1.432	10	10	7.33 No	1.432 Thermal Discharging
TER086	35	'211730759_/_211730768'		8	10	10	1.432	10	10	7.33 No	1.432 Thermal Discharging
TLK023	0	'TLK023_/_68021229'		10	10	10	0.98	10	10	10 No	0.98 Thermal Discharging
TLK023	1	'68021237_/_68021229'		10	10	10	0.98	10	10	10 No	0.98 Thermal Discharging
TLK032	0	'TLK032_/_68021223'		10	10	10	1.03	10	10	10 No	1.03 Thermal Discharging
TLK032	1	'68021226_/_68021223'		10	10	10	1.03	10	10	10 No	1.03 Thermal Discharging
TLK034	0	'TLK034_/_68021213'		10	10	10	0.9	10	10	10 No	0.9 Thermal Discharging
TLK034	1	'68021216_/_68021213'		10	10	10	0.9	10	10	10 No	0.9 Thermal Discharging
TLK061	0	'TLK061_/_9297906'		10	10	10	0.48	10	7.92 No	0.48 Thermal Discharging	
TLK061	1	'7405007_/_9297906'		10	10	10	0.48	10	3.56 No	0.48 Thermal Discharging	
TLK061	2	'7405006_/_740155090'		10	10	10	0.48	10	3.56 No	0.48 Thermal Discharging	
TLK061	3	'7718446_/_7718444'		10	10	10	0.48	10	3.56 No	0.48 Thermal Discharging	
TLK061	4	'7718315_/_9297798'		10	10	10	0.48	10	3.56 No	0.48 Thermal Discharging	
TLK061	5	'7718295_/_7718312'		10	10	10	0.48	10	3.56 No	0.48 Thermal Discharging	
TLK061	6	'7718294_/_7718292'		10	10	10	0.48	10	3.56 No	0.48 Thermal Discharging	
TLK061	7	'8041144_/_8041142'		10	10	10	0.48	10	3.56 No	0.48 Thermal Discharging	
TLK061	8	'7718256_/_9609219'		10	10	10	0.48	10	3.56 No	0.48 Thermal Discharging	
TLK061	9	'114816741_/_7404684_2'		10	10	10	0.48	10	3.56 No	0.48 Thermal Discharging	
TLK061	10	'5532002_/_7404684_1'		10	10	10	0.48	10	3.56 No	0.48 Thermal Discharging	
TLK061	11	'5531985_/_5531999'		10	10	10	0.48	10	3.56 No	0.48 Thermal Discharging	
TLK061	12	'5511318_/_5532016'		10	10	10	0.48	10	3.56 No	0.48 Thermal Discharging	
TLK061	13	'667686623_/_5532033'		10	10	10	0.48	10	3.56 No	0.48 Thermal Discharging	
TLK061	14	'5531951_/_5531982'		10	10	10	0.48	10	3.56 No	0.48 Thermal Discharging	
TLK061	15	'5511241_/_5511238_1'	3.33		3.33	3.33	0.16	0.4	3.33	1.19 No	0.16 Thermal Discharging
TLK061	16	'5528340_/_5531948'		10	10	10	0.48	10	10	3.56 No	0.48 Thermal Discharging
TLK061	17	'43733662_/_5531931'		10	10	10	0.48	10	10	3.56 No	0.48 Thermal Discharging
TLK061	18	'5528325_/_5528337_2'	6.67		6.67	6.67	0.32	2.2	6.67	2.37 No	0.32 Thermal Discharging
TLK061	19	'5531916_/_5531914'		10	10	10	0.48	10	10	3.56 No	0.48 Thermal Discharging
TLK061	20	'5528307_/_5528337_1'	6.67		6.67	6.67	0.32	0.9	6.67	2.37 No	0.32 Thermal Discharging
TLK061	21	'5531452_/_5541498'		10	10	10	0.48	10	10	3.56 No	0.48 Thermal Discharging
TLK061	22	'5531451_/_5531449'		10	10	10	0.48	10	10	3.56 No	0.48 Thermal Discharging
TLK061	23	'5531435_/_5541481'		10	10	10	0.48	10	10	3.56 No	0.48 Thermal Discharging
TLK061	24	'5531418_/_5531432'		10	10	10	0.48	10	10	3.56 No	0.48 Thermal Discharging
TLK061	25	'5527727_/_5531415'		10	10	10	0.48	10	10	3.56 No	0.48 Thermal Discharging
TLK061	26	'43733650_/_5528304'	6.67		6.67	6.67	0.32	0.9	6.67	2.37 No	0.32 Thermal Discharging
TLK061	27	'5527714_/_5527711_2'	3.33		3.33	3.33	0.16	1.1	3.33	1.19 No	0.16 Thermal Discharging
TLK061	28	'5531400_/_5531398'		10	10	10	0.48	10	10	3.56 No	0.48 Thermal Discharging
TLK061	29	'426089019_/_426089021'		10	10	10	0.48	10	10	3.56 No	0.48 Thermal Discharging
TLK061	30	'426089142_/_426089085_1'		10	10	10	0.48	1.4	10	3.56 No	0.48 Thermal Discharging
TLK061	31	'5527849_/_5541464'		10	10	10	0.48	10	10	3.56 No	0.48 Thermal Discharging
TLK061	32	'5527701_/_5527711_1'	3.33		3.33	3.33	0.16	0.4	3.33	1.19 No	0.16 Thermal Discharging
TLK061	33	'5531327_/_5531378'		10	10	10	0.48	10	10	3.56 No	0.48 Thermal Discharging
TLK061	34	'5527850_/_5527847_1'	3.33		3.33	3.33	0.16	0.4	3.33	1.19 No	0.16 Thermal Discharging
TLK061	35	'5511228_/_5511238_2'	3.33		3.33	3.33	0.16	0.4	3.33	1.19 No	0.16 Thermal Discharging
TLK061	36	'426089066_/_426089085_2'		10	10	10	0.48	1.4	10	3.56 No	0.48 Thermal Discharging
TLK061	37	'5531310_/_5531324'		10	10	10	0.48	10	10	3.56 No	0.48 Thermal Discharging
TLK061	38	'43733547_/_43733549'		10	10	10	0.48	10	10	3.56 No	0.48 Thermal Discharging
TLK061	39	'5527837_/_5527847_2'	3.33		3.33	3.33	0.16	0.4	3.33	1.19 No	0.16 Thermal Discharging
TLK061	40	'5531293_/_5531307'		10	10	10	0.48	10	10	3.56 No	0.48 Thermal Discharging
TLK061	41	'43733534_/_43733536'		10	10	10	0.48	10	10	3.56 No	0.48 Thermal Discharging
TLK061	42	'5525717_/_43732655_2'		10	10	10	0.48	10	10	3.56 No	0.48 Thermal Discharging
TLK061	43	'43733422_/_43733424'		10	10	10	0.48	10	10	3.56 No	0.48 Thermal Discharging
TLK061	44	'43732653_/_43732655_1'		10	10	10	0.48	10	10	3.56 No	0.48 Thermal Discharging
TLK061	45	'5531259_/_5531273'		10	10	10	0.48	10	10	3.56 No	0.48 Thermal Discharging
TLK061	46	'5531242_/_5531256'		10	10	10	0.48	10	10	3.56 No	0.48 Thermal Discharging
TLK061	47	'5528277_/_5528289'	6.67		6.67	6.67	0.32	0.9	6.67	2.37 No	0.32 Thermal Discharging
TLK061	48	'5536378_/_5536392'		10	10	10	0.48	10	10	3.56 No	0.48 Thermal Discharging
TLK061	49	'43733490_/_5527698'	3.33		3.33	3.33	0.16	0.4	3.33	1.19 No	0.16 Thermal Discharging
TLK061	50	'5531225_/_5531239'		10	10	10	0.48	10	10	3.56 No	0.48 Thermal Discharging
TLK061	51	'5536361_/_5536375'		10	10	10	0.48	10	10	3.56 No	0.48 Thermal Discharging
TLK061	52	'5525747_/_5536358'		10	10	10	0.48	10	10	3.56 No	0.48 Thermal Discharging
TLK061	53	'5531208_/_5531222'		10	10	10	0.48	10	10	3.56 No	0.48 Thermal Discharging
TLK061	54	'43733457_/_5527834'	3.33		3.33	3.33	0.16	0.4	3.33	1.19 No	0.16 Thermal Discharging
TLK061	55	'5539759_/_5539773'		10	10	10	0.48	10	10	3.56 No	0.48 Thermal Discharging
TLK061	56	'5539742_/_5539756'		10	10	10	0.48	10	10	3.56 No	0.48 Thermal Discharging
TLK061	57	'43733409_/_43733411'		10	10	10	0.48	10	10	3.56 No	0.48 Thermal Discharging
TLK061	58	'5536348_/_5539739'		10	10	10	0.48	10	10	3.56 No	0.48 Thermal Discharging
TLK061	59	'5531174_/_5531188'		10	10	10	0.48	10	10	3.56 No	0.48 Thermal Discharging
TLK061	60	'5511215_/_5511225'	3.33		3.33	3.33	0.16	0.4	3.33	1.19 No	0.16 Thermal Discharging
TLK061	61	'5545127_/_43735986'		10	10	10	0.48	10	10	3.56 No	0.48 Thermal Discharging
TLK061	62	'5525734_/_5525731_2'	3.33		3.33	3.33	0.16	1	3.33	1.19 No	0.16 Thermal Discharging
TLK061	63	'5527386_/_5531171'		10	10	10	0.48	10	10	3.56 No	0.48 Thermal Discharging
TLK061	64	'5545126_/_5545174_1'	3.33		3.33	3.33	0.16	0.4	3.33	1.19 No	0.16 Thermal Discharging
TLK061	65	'43729585_/_43729587'		10	10	10	0.48	10	10	3.56 No	0.48 Thermal Discharging
TLK061	66	'5531156_/_5531154'		10	10	10	0.48	10	10	3.56 No	0.48 Thermal Discharging
TLK061	67	'5539792_/_5539790'		10	10	10	0.48	10	10	3.56 No	0.48 Thermal Discharging
TLK061	68	'5527399_/_5527409_1'	3.33		3.33	3.33	0.16	0.4	3.33	1.19 No	0.16 Thermal Discharging
TLK061	69	'5525733_/_5525731_1'	3.33		3.33	3.33	0.16	0.4	3.33	1.19 No	0.16 Thermal Discharging
TLK061	70	'5528259_/_5528274'	6.67		6.67	6.67	0.32	0.9	6.67	2.37 No	0.32 Thermal Discharging
TLK061	71	'5527373_/_5527370_2'	3.33		3.33	3.33	0.16	1	3.33	1.19 No	0.16 Thermal Discharging
TLK061	72	'5511254_/_5511251'	3.33		3.33	3.33	0.16	0.4	3.33	1.19 No	0.16 Thermal Discharging
TLK061	73	'5531140_/_5541447'		10	10	10	0.48	10	10	3.56 No	0.48 Thermal Discharging
TLK061	74	'5527687_/_5527685'	3.33		3.33	3.33	0.16	0.4	3.33	1.19 No	0.16 Thermal Discharging
TLK061	75	'5540783_/_5540797'		10	10	10	0.48	10	10	3.56 No	0.48 Thermal Discharging
TLK061	76	'5545113_/_5545174_2'	3.33		3.33	3.33	0.16	0.4	3.33	1.19 No	0.16 Thermal Discharging
TLK061	77	'5539827_/_5540780'		10	10	10	0.48	10	10	3.56 No	0.48 Thermal Discharging
TLK061	78	'5531123_/_5531137'		10	10	10	0.48	10	10	3.56 No	0.48 Thermal Discharging
TLK061	79	'49481365_/_5540814_2'	3.33		3.33	3.33	0.16	1.1	3.33	1.19 No	0.16 Thermal Discharging
TLK061	80	'5539810_/_5539824'		10	10	10	0.48	10	10	3.56 No	0.48 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TLK061	81	'5526885_/_5531120'		10	10	10	0.48	10	10	3.56 No	0.48 Thermal Discharging
TLK061	82	'5539410_/_5539807'		10	10	10	0.48	10	10	3.56 No	0.48 Thermal Discharging
TLK061	83	'5531089_/_5531103'		10	10	10	0.48	10	10	3.56 No	0.48 Thermal Discharging
TLK061	84	'5540817_/_5540814_1'	3.33	3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16 Thermal Discharging
TLK061	85	'5533523_/_5533536'	3.33	3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16 Thermal Discharging
TLK061	86	'5526886_/_5526899_1'	3.33	3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16 Thermal Discharging
TLK061	87	'5539392_/_5539407'	10	10	10	10	0.48	10	10	3.56 No	0.48 Thermal Discharging
TLK061	88	'5531088_/_5531086'	10	10	10	10	0.48	10	10	3.56 No	0.48 Thermal Discharging
TLK061	89	'5511202_/_5511212'	3.33	3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16 Thermal Discharging
TLK061	90	'5527811_/_5527821'	3.33	3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16 Thermal Discharging
TLK061	91	'5539393_/_5539390'	10	10	10	10	0.48	10	10	3.56 No	0.48 Thermal Discharging
TLK061	92	'70253082_/_5539424_1'	10	10	10	10	0.48	10	10	3.56 No	0.48 Thermal Discharging
TLK061	93	'70253092_/_7718274_1'	6.67	6.67	6.67	6.67	0.32	0.9	6.67	2.37 No	0.32 Thermal Discharging
TLK061	94	'5539427_/_5539424_2'	10	10	10	10	0.48	10	10	3.56 No	0.48 Thermal Discharging
TLK061	95	'5532172_/_5541430'	10	10	10	10	0.48	10	10	3.56 No	0.48 Thermal Discharging
TLK061	96	'5527360_/_5527370_1'	3.33	3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16 Thermal Discharging
TLK061	97	'5527412_/_5527409_2'	3.33	3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16 Thermal Discharging
TLK061	98	'43733764_/_5511264'	3.33	3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16 Thermal Discharging
TLK061	99	'43731427_/_5539841'	10	10	10	10	0.48	10	10	3.56 No	0.48 Thermal Discharging
TLK061	100	'5532171_/_5532169'	10	10	10	10	0.48	10	10	3.56 No	0.48 Thermal Discharging
TLK061	101	'43733638_/_43733640'	6.67	6.67	6.67	6.67	0.32	0.9	6.67	2.37 No	0.32 Thermal Discharging
TLK061	102	'5537212_/_5540213'	10	10	10	10	0.48	10	10	3.56 No	0.48 Thermal Discharging
TLK061	103	'5530337_/_5532189'	10	10	10	10	0.48	10	10	3.56 No	0.48 Thermal Discharging
TLK061	104	'43733479_/_43733481'	3.33	3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16 Thermal Discharging
TLK061	105	'5537401_/_5540071'	10	10	10	10	0.48	10	10	3.56 No	0.48 Thermal Discharging
TLK061	106	'43731814_/_43731816'	10	10	10	10	0.48	10	10	3.56 No	0.48 Thermal Discharging
TLK061	107	'5530320_/_5530334'	10	10	10	10	0.48	10	10	3.56 No	0.48 Thermal Discharging
TLK061	108	'5537388_/_5537386_1'	3.33	3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16 Thermal Discharging
TLK061	109	'5545114_/_5545111'	3.33	3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16 Thermal Discharging
TLK061	110	'5526847_/_5526899_2'	3.33	3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16 Thermal Discharging
TLK061	111	'43732808_/_5530317'	10	10	10	10	0.48	10	10	3.56 No	0.48 Thermal Discharging
TLK061	112	'5539359_/_5539356'	10	10	10	10	0.48	10	10	3.56 No	0.48 Thermal Discharging
TLK061	113	'5537431_/_5537428_2'	3.33	3.33	3.33	3.33	0.16	1	3.33	1.19 No	0.16 Thermal Discharging
TLK061	114	'43732795_/_5530300'	10	10	10	10	0.48	10	10	3.56 No	0.48 Thermal Discharging
TLK061	115	'5537281_/_5539969'	10	10	10	10	0.48	10	10	3.56 No	0.48 Thermal Discharging
TLK061	116	'5533522_/_43734018'	3.33	3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16 Thermal Discharging
TLK061	117	'5528226_/_5528241'	6.67	6.67	6.67	6.67	0.32	0.9	6.67	2.37 No	0.32 Thermal Discharging
TLK061	118	'5530269_/_5530283'	10	10	10	10	0.48	10	10	3.56 No	0.48 Thermal Discharging
TLK061	119	'7718168_/_7718166_1'	10	10	10	10	0.48	1.4	10	3.56 No	0.48 Thermal Discharging
TLK061	120	'5539988_/_5540111'	10	10	10	10	0.48	10	10	3.56 No	0.48 Thermal Discharging
TLK061	121	'5526834_/_5526844'	3.33	3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16 Thermal Discharging
TLK061	122	'5539989_/_5539986'	10	10	10	10	0.48	10	10	3.56 No	0.48 Thermal Discharging
TLK061	123	'43732782_/_43732784'	10	10	10	10	0.48	10	10	3.56 No	0.48 Thermal Discharging
TLK061	124	'43733446_/_5527808'	3.33	3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16 Thermal Discharging
TLK061	125	'5527876_/_5527873'	3.33	3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16 Thermal Discharging
TLK061	126	'5540830_/_5540827'	3.33	3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16 Thermal Discharging
TLK061	127	'7718169_/_7718166_2'	10	10	10	10	0.48	1.4	10	3.56 No	0.48 Thermal Discharging
TLK061	128	'5530235_/_5530249'	10	10	10	10	0.48	10	10	3.56 No	0.48 Thermal Discharging
TLK061	129	'5540006_/_5540003'	10	10	10	10	0.48	10	10	3.56 No	0.48 Thermal Discharging
TLK061	130	'5541521_/_5541518'	3.33	3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16 Thermal Discharging
TLK061	131	'8662634_/_9297818_1'	3.33	3.33	3.33	3.33	0.16	0.5	3.33	1.19 No	0.16 Thermal Discharging
TLK061	132	'43731720_/_5537279'	3.33	3.33	3.33	3.33	0.16	1.5	3.33	1.19 No	0.16 Thermal Discharging
TLK061	133	'5526860_/_5526857'	3.33	3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16 Thermal Discharging
TLK061	134	'5530218_/_5530232'	10	10	10	10	0.48	10	10	3.56 No	0.48 Thermal Discharging
TLK061	135	'5537307_/_5540020'	10	10	10	10	0.48	10	10	3.56 No	0.48 Thermal Discharging
TLK061	136	'5511189_/_5511199'	3.33	3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16 Thermal Discharging
TLK061	137	'5527662_/_5527672'	3.33	3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16 Thermal Discharging
TLK061	138	'5537265_/_43731733_1'	3.33	3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16 Thermal Discharging
TLK061	139	'5527425_/_5527422'	3.33	3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16 Thermal Discharging
TLK061	140	'5523975_/_5530215'	10	10	10	10	0.48	10	10	3.56 No	0.48 Thermal Discharging
TLK061	141	'5540040_/_5540037'	10	10	10	10	0.48	10	10	3.56 No	0.48 Thermal Discharging
TLK061	142	'5540148_/_5540145_1'	10	10	10	10	0.48	10	10	3.56 No	0.48 Thermal Discharging
TLK061	143	'5511280_/_43733766'	3.33	3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16 Thermal Discharging
TLK061	144	'43731709_/_5537386_2'	3.33	3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16 Thermal Discharging
TLK061	145	'43733299_/_5527357'	3.33	3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16 Thermal Discharging
TLK061	146	'5523790_/_5530198'	10	10	10	10	0.48	10	10	3.56 No	0.48 Thermal Discharging
TLK061	147	'9297836_/_9297834_1'	3.33	3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16 Thermal Discharging
TLK061	148	'43733626_/_43733628'	6.67	6.67	6.67	6.67	0.32	0.9	6.67	2.37 No	0.32 Thermal Discharging
TLK061	149	'5523976_/_5523989_1'	3.33	3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16 Thermal Discharging
TLK061	150	'5530184_/_5541110'	10	10	10	10	0.48	10	10	3.56 No	0.48 Thermal Discharging
TLK061	151	'5536479_/_5537209'	10	10	10	10	0.48	3.4	10	3.56 No	0.48 Thermal Discharging
TLK061	152	'7718277_/_7718274_2'	6.67	6.67	6.67	6.67	0.32	0.9	6.67	2.37 No	0.32 Thermal Discharging
TLK061	153	'5523791_/_5523866_1'	3.33	3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16 Thermal Discharging
TLK061	154	'5511370_/_5530181'	10	10	10	10	0.48	10	10	3.56 No	0.48 Thermal Discharging
TLK061	155	'5536521_/_5544042_2'	10	10	10	10	0.48	3.4	10	3.56 No	0.48 Thermal Discharging
TLK061	156	'5530150_/_5530164'	10	10	10	10	0.48	10	10	3.56 No	0.48 Thermal Discharging
TLK061	157	'5530133_/_5530147'	10	10	10	10	0.48	10	10	3.56 No	0.48 Thermal Discharging
TLK061	158	'5511371_/_5511381_1'	3.33	3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16 Thermal Discharging
TLK061	159	'5537199_/_5537428_1'	3.33	3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16 Thermal Discharging
TLK061	160	'5523774_/_5530130'	10	10	10	10	0.48	10	10	3.56 No	0.48 Thermal Discharging
TLK061	161	'9297766_/_9297818_2'	3.33	3.33	3.33	3.33	0.16	0.5	3.33	1.19 No	0.16 Thermal Discharging
TLK061	162	'5527438_/_5527435'	3.33	3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16 Thermal Discharging
TLK061	163	'5526873_/_5526870'	3.33	3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16 Thermal Discharging
TLK061	164	'5527649_/_5527659'	3.33	3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16 Thermal Discharging
TLK061	165	'5530099_/_5530113'	10	10	10	10	0.48	10	10	3.56 No	0.48 Thermal Discharging
TLK061	166	'43733398_/_5527889'	3.33	3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16 Thermal Discharging
TLK061	167	'5523803_/_5523866_2'	3.33	3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16 Thermal Discharging
TLK061	168	'9297837_/_9297834_2'	3.33	3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16 Thermal Discharging
TLK061	169	'5528225_/_5528223'	6.67	6.67	6.67	6.67	0.32	0.9	6.67	2.37 No	0.32 Thermal Discharging
TLK061	170	'5530082_/_5530096'	10	10	10	10	0.48	10	10	3.56 No	0.48 Thermal Discharging
TLK061	171	'5511496_/_5511494_1'	3.33	3.33	3.33	3.33	0.16	1	3.33	1.19 No	0.16 Thermal Discharging
TLK061	172	'43731440_/_5536477'	3.33	3.33	3.33	3.33	0.16	1	3.33	1.19 No	0.16 Thermal Discharging
TLK061	173	'5511176_/_5511186'	3.33	3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16 Thermal Discharging
TLK061	174	'5530065_/_5530079'	10	10	10	10	0.48	10	10	3.56 No	0.48 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
											VSR (MW)	Limiting Threshold
TLK061	175	'5527782_/_5527792'	3.33		3.33	3.33	0.16	0.4	3.33	1.19 No	0.16	Thermal Discharging
TLK061	176	'43733266_/_43733268'	3.33		3.33	3.33	0.16	0.4	3.33	1.19 No	0.16	Thermal Discharging
TLK061	177	'5523992_/_5523989_2'	3.33		3.33	3.33	0.16	0.4	3.33	1.19 No	0.16	Thermal Discharging
TLK061	178	'672237320_/_5511494_2'	3.33		3.33	3.33	0.16	0.4	3.33	1.19 No	0.16	Thermal Discharging
TLK061	179	'5530048_/_5530062_2'	10		10	10	0.48	10	10	3.56 No	0.48	Thermal Discharging
TLK061	180	'43732736_/_5530062_1'	10		10	10	0.48	10	10	3.56 No	0.48	Thermal Discharging
TLK061	181	'5536480_/_5536493_1'	3.33		3.33	3.33	0.16	0.4	3.33	1.19 No	0.16	Thermal Discharging
TLK061	182	'5511293_/_5511290'	3.33		3.33	3.33	0.16	0.4	3.33	1.19 No	0.16	Thermal Discharging
TLK061	183	'43731714_/_43731711'	3.33		3.33	3.33	0.16	0.4	3.33	1.19 No	0.16	Thermal Discharging
TLK061	184	'5537266_/_43731733_2'	3.33		3.33	3.33	0.16	0.4	3.33	1.19 No	0.16	Thermal Discharging
TLK061	185	'5523748_/_5530045'	10		10	10	0.48	10	10	3.56 No	0.48	Thermal Discharging
TLK061	186	'5530011_/_5530028'	10		10	10	0.48	10	10	3.56 No	0.48	Thermal Discharging
TLK061	187	'5523749_/_5511397_1'	3.33		3.33	3.33	0.16	0.4	3.33	1.19 No	0.16	Thermal Discharging
TLK061	188	'5511384_/_5511381_2'	3.33		3.33	3.33	0.16	0.4	3.33	1.19 No	0.16	Thermal Discharging
TLK061	189	'5529991_/_5530008'	10		10	10	0.48	10	10	3.56 No	0.48	Thermal Discharging
TLK061	190	'5511163_/_5511173'	3.33		3.33	3.33	0.16	0.4	3.33	1.19 No	0.16	Thermal Discharging
TLK061	191	'5523804_/_5523801'	3.33		3.33	3.33	0.16	0.4	3.33	1.19 No	0.16	Thermal Discharging
TLK061	192	'5529971_/_5529988_1'	10		10	10	0.48	10	10	3.56 No	0.48	Thermal Discharging
TLK061	193	'70252540_/_5529988_2'	10		10	10	0.48	10	10	3.56 No	0.48	Thermal Discharging
TLK061	194	'43731792_/_5537305'	3.33		3.33	3.33	0.16	0.9	3.33	1.19 No	0.16	Thermal Discharging
TLK061	195	'8662649_/_9609317'	3.33		3.33	3.33	0.16	0.4	3.33	1.19 No	0.16	Thermal Discharging
TLK061	196	'5527905_/_43733400'	3.33		3.33	3.33	0.16	0.4	3.33	1.19 No	0.16	Thermal Discharging
TLK061	197	'43733468_/_5527646'	3.33		3.33	3.33	0.16	0.4	3.33	1.19 No	0.16	Thermal Discharging
TLK061	198	'5529954_/_5529968'	10		10	10	0.48	10	10	3.56 No	0.48	Thermal Discharging
TLK061	199	'5544028_/_5544042_1'	10		10	10	0.48	2.3	10	3.56 No	0.48	Thermal Discharging
TLK061	200	'5527347_/_5541332'	3.33		3.33	3.33	0.16	0.4	3.33	1.19 No	0.16	Thermal Discharging
TLK061	201	'8982315_/_9297764'	3.33		3.33	3.33	0.16	0.5	3.33	1.19 No	0.16	Thermal Discharging
TLK061	202	'5511013_/_5529951'	10		10	10	0.48	10	10	3.56 No	0.48	Thermal Discharging
TLK061	203	'5543170_/_5543180_1'	3.33		3.33	3.33	0.16	0.3	3.33	1.19 No	0.16	Thermal Discharging
TLK061	204	'5537294_/_43731805_1'	3.33		3.33	3.33	0.16	0.4	3.33	1.19 No	0.16	Thermal Discharging
TLK061	205	'5524466_/_5529934'	10		10	10	0.48	10	10	3.56 No	0.48	Thermal Discharging
TLK061	206	'5527450_/_5541345'	3.33		3.33	3.33	0.16	0.4	3.33	1.19 No	0.16	Thermal Discharging
TLK061	207	'443867495_/_448006980_2'	10		10	10	0.48	4.5	10	3.56 No	0.48	Thermal Discharging
TLK061	208	'5511014_/_5511037_1'	3.33		3.33	3.33	0.16	0.4	3.33	1.19 No	0.16	Thermal Discharging
TLK061	209	'43732640_/_5529914'	10		10	10	0.48	10	10	3.56 No	0.48	Thermal Discharging
TLK061	210	'5537198_/_5537196'	3.33		3.33	3.33	0.16	0.4	3.33	1.19 No	0.16	Thermal Discharging
TLK061	211	'43731451_/_5536493_2'	3.33		3.33	3.33	0.16	0.4	3.33	1.19 No	0.16	Thermal Discharging
TLK061	212	'5526808_/_5526818'	3.33		3.33	3.33	0.16	0.4	3.33	1.19 No	0.16	Thermal Discharging
TLK061	213	'5511471_/_5511494_3'	3.33		3.33	3.33	0.16	0.4	3.33	1.19 No	0.16	Thermal Discharging
TLK061	214	'5528997_/_5532260'	10		10	10	0.48	10	10	3.56 No	0.48	Thermal Discharging
TLK061	215	'5527769_/_5527779'	3.33		3.33	3.33	0.16	0.4	3.33	1.19 No	0.16	Thermal Discharging
TLK061	216	'102359981_/_43733312_2'	3.33		3.33	3.33	0.16	0.4	3.33	1.19 No	0.16	Thermal Discharging
TLK061	217	'5528980_/_5528994'	10		10	10	0.48	10	10	3.56 No	0.48	Thermal Discharging
TLK061	218	'43733753_/_5511160'	3.33		3.33	3.33	0.16	0.4	3.33	1.19 No	0.16	Thermal Discharging
TLK061	219	'5511306_/_5511303'	3.33		3.33	3.33	0.16	0.4	3.33	1.19 No	0.16	Thermal Discharging
TLK061	220	'5512822_/_5528977'	10		10	10	0.48	10	10	3.56 No	0.48	Thermal Discharging
TLK061	221	'5511551_/_5511548_2'	3.33		3.33	3.33	0.16	1	3.33	1.19 No	0.16	Thermal Discharging
TLK061	222	'5528963_/_5529119'	10		10	10	0.48	10	10	3.56 No	0.48	Thermal Discharging
TLK061	223	'5514592_/_5544025'	10		10	10	0.48	2.3	10	3.56 No	0.48	Thermal Discharging
TLK061	224	'5523817_/_5523814'	3.33		3.33	3.33	0.16	0.4	3.33	1.19 No	0.16	Thermal Discharging
TLK061	225	'70253065_/_448006980_1'	10		10	10	0.48	1.4	10	3.56 No	0.48	Thermal Discharging
TLK061	226	'5528946_/_5528960'	10		10	10	0.48	10	10	3.56 No	0.48	Thermal Discharging
TLK061	227	'5513328_/_5513340_1'	6.67		6.67	6.67	0.32	0.9	6.67	2.37 No	0.32	Thermal Discharging
TLK061	228	'5527451_/_5527448'	3.33		3.33	3.33	0.16	0.4	3.33	1.19 No	0.16	Thermal Discharging
TLK061	229	'5527918_/_5527915'	3.33		3.33	3.33	0.16	0.4	3.33	1.19 No	0.16	Thermal Discharging
TLK061	230	'43732821_/_5526724'	3.33		3.33	3.33	0.16	0.4	3.33	1.19 No	0.16	Thermal Discharging
TLK061	231	'5512796_/_5528943'	10		10	10	0.48	10	10	3.56 No	0.48	Thermal Discharging
TLK061	232	'43732749_/_5540961'	3.33		3.33	3.33	0.16	0.4	3.33	1.19 No	0.16	Thermal Discharging
TLK061	233	'5511537_/_5512793'	3.33		3.33	3.33	0.16	1	3.33	1.19 No	0.16	Thermal Discharging
TLK061	234	'5543195_/_5543206_3'	3.33		3.33	3.33	0.16	0.4	3.33	1.19 No	0.16	Thermal Discharging
TLK061	235	'43732760_/_5511037_2'	3.33		3.33	3.33	0.16	0.4	3.33	1.19 No	0.16	Thermal Discharging
TLK061	236	'5528929_/_5529136'	10		10	10	0.48	10	10	3.56 No	0.48	Thermal Discharging
TLK061	237	'5527623_/_5527633'	3.33		3.33	3.33	0.16	0.4	3.33	1.19 No	0.16	Thermal Discharging
TLK061	238	'5528912_/_5528926'	10		10	10	0.48	10	10	3.56 No	0.48	Thermal Discharging
TLK061	239	'5512809_/_5513260_1'	3.33		3.33	3.33	0.16	0.4	3.33	1.19 No	0.16	Thermal Discharging
TLK061	240	'43732911_/_5543180_2'	3.33		3.33	3.33	0.16	0.3	3.33	1.19 No	0.16	Thermal Discharging
TLK061	241	'5510988_/_5527344'	3.33		3.33	3.33	0.16	0.4	3.33	1.19 No	0.16	Thermal Discharging
TLK061	242	'43733435_/_5527766'	3.33		3.33	3.33	0.16	0.4	3.33	1.19 No	0.16	Thermal Discharging
TLK061	243	'5526795_/_5526805'	3.33		3.33	3.33	0.16	0.4	3.33	1.19 No	0.16	Thermal Discharging
TLK061	244	'5527944_/_5527957'	3.33		3.33	3.33	0.16	0.4	3.33	1.19 No	0.16	Thermal Discharging
TLK061	245	'5512783_/_5528909'	10		10	10	0.48	10	10	3.56 No	0.48	Thermal Discharging
TLK061	246	'43729247_/_448007060'	10		10	10	0.48	1.4	10	3.56 No	0.48	Thermal Discharging
TLK061	247	'672166251_/_5543206_2'	3.33		3.33	3.33	0.16	0.4	3.33	1.19 No	0.16	Thermal Discharging
TLK061	248	'70253129_/_5513340_2'	6.67		6.67	6.67	0.32	0.9	6.67	2.37 No	0.32	Thermal Discharging
TLK061	249	'5511524_/_5511522_1'	3.33		3.33	3.33	0.16	0.4	3.33	1.19 No	0.16	Thermal Discharging
TLK061	250	'5528895_/_5529153'	10		10	10	0.48	10	10	3.56 No	0.48	Thermal Discharging
TLK061	251	'43733310_/_43733312_1'	3.33		3.33	3.33	0.16	0.3	3.33	1.19 No	0.16	Thermal Discharging
TLK061	252	'5513162_/_5513177_1'	6.67		6.67	6.67	0.32	0.9	6.67	2.37 No	0.32	Thermal Discharging
TLK061	253	'5511550_/_5511548_1'	3.33		3.33	3.33	0.16	0.4	3.33	1.19 No	0.16	Thermal Discharging
TLK061	254	'5528878_/_5528892'	10		10	10	0.48	10	10	3.56 No	0.48	Thermal Discharging
TLK061	255	'5540905_/_5540902'	3.33		3.33	3.33	0.16	0.4	3.33	1.19 No	0.16	Thermal Discharging
TLK061	256	'5524086_/_5543206_1'	3.33		3.33	3.33	0.16	0.3	3.33	1.19 No	0.16	Thermal Discharging
TLK061	257	'5512747_/_5528875'	10		10	10	0.48	10	10	3.56 No	0.48	Thermal Discharging
TLK061	258	'5523830_/_5523827'	3.33		3.33	3.33	0.16	0.4	3.33	1.19 No	0.16	Thermal Discharging
TLK061	259	'5511509_/_5511507_1'	6.67		6.67	6.67	0.32	0.9	6.67	2.37 No	0.32	Thermal Discharging
TLK061	260	'5511400_/_5511397_2'	3.33		3.33	3.33	0.16	0.4	3.33	1.19 No	0.16	Thermal Discharging
TLK061	261	'448006892_/_448007076'	10		10	10	0.48	1.4	10	3.56 No	0.48	Thermal Discharging
TLK061	262	'5511484_/_5511481'	3.33		3.33	3.33	0.16	0.4	3.33	1.19 No	0.16	Thermal Discharging
TLK061	263	'5528861_/_5529170'	10		10	10	0.48	10	10	3.56 No	0.48	Thermal Discharging
TLK061	264	'5513180_/_5513177_2'	6.67		6.67	6.67	0.32	0.9	6.67	2.37 No	0.32	Thermal Discharging
TLK061	265	'5511538_/_5511535'	3.33		3.33	3.33	0.16	0.4	3.33	1.19 No	0.16	Thermal Discharging
TLK061	266	'5518576_/_5518574'	3.33		3.33	3.33	0.16	0.4	3.33	1.19 No	0.16	Thermal Discharging
TLK061	267	'43729713_/_5528858'	10		10	10	0.48	10	10	3.56 No	0.48	Thermal Discharging
TLK061	268	'5511455_/_5511468'	3.33		3.33	3.33	0.16	0.4	3.33	1.1		

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TLK061	269	'5512708_/_43731453'	3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16	Thermal Discharging
TLK061	270	'5512765_/_5543791_1'	6.67	6.67	6.67	0.32	0.9	6.67	2.37 No	0.32	Thermal Discharging
TLK061	271	'5528827_/_5528841'	10	10	10	0.48	10	10	3.56 No	0.48	Thermal Discharging
TLK061	272	'5514591_/_5514589'	10	10	10	0.48	10	10	3.56 No	0.48	Thermal Discharging
TLK061	273	'5511563_/_5511561'	3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16	Thermal Discharging
TLK061	274	'5545071_/_5545069'	3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16	Thermal Discharging
TLK061	275	'43733387_/_5527928'	3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16	Thermal Discharging
TLK061	276	'5511027_/_43732762'	3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16	Thermal Discharging
TLK061	277	'5527464_/_5527461'	3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16	Thermal Discharging
TLK061	278	'5528810_/_5528824'	10	10	10	0.48	10	10	3.56 No	0.48	Thermal Discharging
TLK061	279	'649146858_/_5528807_2'	10	10	10	0.48	10	10	3.56 No	0.48	Thermal Discharging
TLK061	280	'5522272_/_448007126'	3.33	3.33	3.33	0.16	0.47	3.33	1.19 No	0.16	Thermal Discharging
TLK061	281	'5513263_/_5513260_2'	3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16	Thermal Discharging
TLK061	282	'5527610_/_5527620'	3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16	Thermal Discharging
TLK061	283	'5540964_/_43732751'	3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16	Thermal Discharging
TLK061	284	'5511525_/_5511522_2'	3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16	Thermal Discharging
TLK061	285	'5524004_/_43732823'	3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16	Thermal Discharging
TLK061	286	'5528809_/_5528807_1'	10	10	10	0.48	0.3	10	3.56 No	0.3	Element Fault
TLK061	287	'5514427_/_5514425_1'	3.33	3.33	3.33	0.16	0.3	3.33	1.19 No	0.16	Thermal Discharging
TLK061	288	'5511137_/_5511147'	3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16	Thermal Discharging
TLK061	289	'5524072_/_5524083'	3.33	3.33	3.33	0.16	0.3	3.33	1.19 No	0.16	Thermal Discharging
TLK061	290	'8662650_/_8662647_1'	3.33	3.33	3.33	0.16	0.5	3.33	1.19 No	0.16	Thermal Discharging
TLK061	291	'5536873_/_5536871'	10	10	10	0.48	0.3	10	3.56 No	0.3	Element Fault
TLK061	292	'43733376_/_43733378'	3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16	Thermal Discharging
TLK061	293	'43733434_/_5527750'	3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16	Thermal Discharging
TLK061	294	'5523881_/_43732913'	3.33	3.33	3.33	0.16	0.3	3.33	1.19 No	0.16	Thermal Discharging
TLK061	295	'5536974_/_5537064'	10	10	10	0.48	0.3	10	3.56 No	0.3	Element Fault
TLK061	296	'5536975_/_5537051_1'	3.33	3.33	3.33	0.16	0.1	3.33	1.19 No	0.1	Element Fault
TLK061	297	'5513361_/_5513358'	3.33	3.33	3.33	0.16	0.45	3.33	1.19 No	0.16	Thermal Discharging
TLK061	298	'5514428_/_5514425_2'	3.33	3.33	3.33	0.16	0.3	3.33	1.19 No	0.16	Thermal Discharging
TLK061	299	'5536987_/_5537036_1'	6.67	6.67	6.67	0.32	0.2	6.67	2.37 No	0.2	Element Fault
TLK061	300	'5536988_/_5537036_2'	6.67	6.67	6.67	0.32	0.2	6.67	2.37 No	0.2	Element Fault
TLK061	301	'5511510_/_5511507_2'	6.67	6.67	6.67	0.32	0.9	6.67	2.37 No	0.32	Thermal Discharging
TLK061	302	'5532749_/_5537081'	10	10	10	0.48	0.3	10	3.56 No	0.3	Element Fault
TLK061	303	'5527542_/_5527552'	3.33	3.33	3.33	0.16	0.3	3.33	1.19 No	0.16	Thermal Discharging
TLK061	304	'43731238_/_5525508'	6.67	6.67	6.67	0.32	0.9	6.67	2.37 No	0.32	Thermal Discharging
TLK061	305	'43729763_/_5543791_2'	6.67	6.67	6.67	0.32	0.9	6.67	2.37 No	0.32	Thermal Discharging
TLK061	306	'5518907_/_5537051_2'	3.33	3.33	3.33	0.16	0.1	3.33	1.19 No	0.1	Element Fault
TLK061	307	'8982155_/_8982313'	3.33	3.33	3.33	0.16	0.5	3.33	1.19 No	0.16	Thermal Discharging
TLK061	308	'5532732_/_5532746'	10	10	10	0.48	0.3	10	3.56 No	0.3	Element Fault
TLK061	309	'5537295_/_43731805_2'	3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16	Thermal Discharging
TLK061	310	'5511026_/_5511024'	3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16	Thermal Discharging
TLK061	311	'5526779_/_5526792'	3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16	Thermal Discharging
TLK061	312	'5532639_/_5532729'	10	10	10	0.48	0.3	10	3.56 No	0.3	Element Fault
TLK061	313	'43731543_/_5537003'	6.67	6.67	6.67	0.32	0.2	6.67	2.37 No	0.2	Element Fault
TLK061	314	'5511001_/_5510998'	3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16	Thermal Discharging
TLK061	315	'5541361_/_43733389'	3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16	Thermal Discharging
TLK061	316	'5532539_/_5532712'	10	10	10	0.48	0.3	10	3.56 No	0.3	Element Fault
TLK061	317	'5532640_/_5532691_1'	6.67	6.67	6.67	0.32	0.2	6.67	2.37 No	0.2	Element Fault
TLK061	318	'5523843_/_5523853'	3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16	Thermal Discharging
TLK061	319	'5512613_/_5512705'	3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16	Thermal Discharging
TLK061	320	'5522259_/_5522269'	3.33	3.33	3.33	0.16	0.47	3.33	1.19 No	0.16	Thermal Discharging
TLK061	321	'43732629_/_43732631'	3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16	Thermal Discharging
TLK061	322	'5532654_/_5532652_1'	3.33	3.33	3.33	0.16	0.1	3.33	1.19 No	0.1	Element Fault
TLK061	323	'5527594_/_5527607'	3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16	Thermal Discharging
TLK061	324	'5532441_/_5532536'	10	10	10	0.48	0.3	10	3.56 No	0.3	Element Fault
TLK061	325	'43728129_/_43728131'	3.33	3.33	3.33	0.16	0.1	3.33	1.19 No	0.1	Element Fault
TLK061	326	'5511056_/_5511053'	3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16	Thermal Discharging
TLK061	327	'43728063_/_43728065'	3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16	Thermal Discharging
TLK061	328	'5532521_/_5532519'	10	10	10	0.48	0.3	10	3.56 No	0.3	Element Fault
TLK061	329	'43730020_/_5514438'	3.33	3.33	3.33	0.16	0.3	3.33	1.19 No	0.16	Thermal Discharging
TLK061	330	'43729786_/_5513273'	3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16	Thermal Discharging
TLK061	331	'5515103_/_43731545'	6.67	6.67	6.67	0.32	0.2	6.67	2.37 No	0.2	Element Fault
TLK061	332	'5543221_/_5543219'	3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16	Thermal Discharging
TLK061	333	'5523882_/_5523879'	3.33	3.33	3.33	0.16	0.3	3.33	1.19 No	0.16	Thermal Discharging
TLK061	334	'5532568_/_5532620'	10	10	10	0.48	0.3	10	3.56 No	0.3	Element Fault
TLK061	335	'5511416_/_5511413'	3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16	Thermal Discharging
TLK061	336	'43731161_/_5525045'	3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16	Thermal Discharging
TLK061	337	'5532569_/_5532583_1'	10	10	10	0.48	0.3	10	3.56 No	0.3	Element Fault
TLK061	338	'43731664_/_5545095'	3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16	Thermal Discharging
TLK061	339	'5511454_/_5511452'	3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16	Thermal Discharging
TLK061	340	'5518881_/_5518891'	3.33	3.33	3.33	0.16	0.1	3.33	1.19 No	0.1	Element Fault
TLK061	341	'43729687_/_43729689'	10	10	10	0.48	0.3	10	3.56 No	0.3	Element Fault
TLK061	342	'5532605_/_5532820_2'	10	10	10	0.48	0.3	10	3.56 No	0.3	Element Fault
TLK061	343	'5527943_/_5527941'	3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16	Thermal Discharging
TLK061	344	'5518044_/_5518056'	6.67	6.67	6.67	0.32	0.9	6.67	2.37 No	0.32	Thermal Discharging
TLK061	345	'5511121_/_5511134'	3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16	Thermal Discharging
TLK061	346	'5515104_/_5515101'	6.67	6.67	6.67	0.32	0.2	6.67	2.37 No	0.2	Element Fault
TLK061	347	'5513374_/_5513371'	3.33	3.33	3.33	0.16	0.45	3.33	1.19 No	0.16	Thermal Discharging
TLK061	348	'5532765_/_5532820_1'	10	10	10	0.48	0.3	10	3.56 No	0.3	Element Fault
TLK061	349	'43730178_/_5532652_2'	3.33	3.33	3.33	0.16	0.1	3.33	1.19 No	0.1	Element Fault
TLK061	350	'5519037_/_5532691_2'	6.67	6.67	6.67	0.32	0.2	6.67	2.37 No	0.2	Element Fault
TLK061	351	'5532766_/_5532783_1'	10	10	10	0.48	0.3	10	3.56 No	0.3	Element Fault
TLK061	352	'761688592_/_5532499'	10	10	10	0.48	0.3	10	3.56 No	0.3	Element Fault
TLK061	353	'43729700_/_5532439'	10	10	10	0.48	0.3	10	3.56 No	0.3	Element Fault
TLK061	354	'5513115_/_43729765'	6.67	6.67	6.67	0.32	0.9	6.67	2.37 No	0.32	Thermal Discharging
TLK061	355	'5541374_/_5541371'	3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16	Thermal Discharging
TLK061	356	'761688736_/_761688629_1'	10	10	10	0.48	0.3	10	3.56 No	0.3	Element Fault
TLK061	357	'43731249_/_43731240'	3.33	3.33	3.33	0.16	0.45	3.33	1.19 No	0.16	Thermal Discharging
TLK061	358	'5524005_/_5524002'	3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16	Thermal Discharging
TLK061	359	'43733321_/_5527539'	3.33	3.33	3.33	0.16	0.3	3.33	1.19 No	0.16	Thermal Discharging
TLK061	360	'761688613_/_761688629_2'	10	10	10	0.48	0.3	10	3.56 No	0.3	Element Fault
TLK061	361	'5528793_/_5532803'	10	10	10	0.48	0.3	10	3.56 No	0.3	Element Fault
TLK061	362	'43728118_/_43728120'	3.33	3.33	3.33	0.16	0.1	3.33	1.19 No	0.1	Element Fault

Feeder Name	Feeder ID	Node	Primary Over- Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TLK061	363	'43730142_/_5515116'		6.67	6.67	6.67	0.32	0.2	6.67	2.37 No	0.2 Element Fault
TLK061	364	'5525022_/_5525032'		3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16 Thermal Discharging
TLK061	365	'5532373_/_5532371_1'		10	10	10	0.48	0.3	10	3.56 No	0.3 Element Fault
TLK061	366	'43729552_/_5512611'		3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16 Thermal Discharging
TLK061	367	'43728329_/_761688596'		10	10	10	0.48	0.3	10	3.56 No	0.3 Element Fault
TLK061	368	'5528776_/_5528790'		10	10	10	0.48	0.3	10	3.56 No	0.3 Element Fault
TLK061	369	'43735777_/_43735779'		10	10	10	0.48	2.3	10	3.56 No	0.48 Thermal Discharging
TLK061	370	'43728277_/_5532783_2'		10	10	10	0.48	0.3	10	3.56 No	0.3 Element Fault
TLK061	371	'5527256_/_5527253'		3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16 Thermal Discharging
TLK061	372	'5527581_/_5527591'		3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16 Thermal Discharging
TLK061	373	'5527230_/_5527240'		3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16 Thermal Discharging
TLK061	374	'5515134_/_43730144'		6.67	6.67	6.67	0.32	0.2	6.67	2.37 No	0.2 Element Fault
TLK061	375	'5518855_/_5518865'		3.33	3.33	3.33	0.16	0.1	3.33	1.19 No	0.1 Element Fault
TLK061	376	'43732725_/_5524070'		3.33	3.33	3.33	0.16	0.3	3.33	1.19 No	0.16 Thermal Discharging
TLK061	377	'5513094_/_5528773'		10	10	10	0.48	0.3	10	3.56 No	0.3 Element Fault
TLK061	378	'5515149_/_5515146'		6.67	6.67	6.67	0.32	0.2	6.67	2.37 No	0.2 Element Fault
TLK061	379	'5510699_/_43728279_1'		10	10	10	0.48	0.3	10	3.56 No	0.3 Element Fault
TLK061	380	'43729236_/_5522256'		3.33	3.33	3.33	0.16	0.47	3.33	1.19 No	0.16 Thermal Discharging
TLK061	381	'43730973_/_43730975'		6.67	6.67	6.67	0.32	0.9	6.67	2.37 No	0.32 Thermal Discharging
TLK061	382	'5523895_/_5523892'		3.33	3.33	3.33	0.16	0.3	3.33	1.19 No	0.16 Thermal Discharging
TLK061	383	'43733277_/_43733279'		3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16 Thermal Discharging
TLK061	384	'5524892_/_5524902'		3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16 Thermal Discharging
TLK061	385	'5541598_/_5541612'		10	10	10	0.48	0.3	10	3.56 No	0.3 Element Fault
TLK061	386	'5510700_/_43728279_2'		10	10	10	0.48	0.3	10	3.56 No	0.3 Element Fault
TLK061	387	'5518842_/_5518852'		3.33	3.33	3.33	0.16	0.1	3.33	1.19 No	0.1 Element Fault
TLK061	388	'5513006_/_5513004_1'		10	10	10	0.48	0.3	10	3.56 No	0.3 Element Fault
TLK061	389	'5523842_/_5523840'		3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16 Thermal Discharging
TLK061	390	'5515167_/_5515164'		6.67	6.67	6.67	0.32	0.2	6.67	2.37 No	0.2 Element Fault
TLK061	391	'43729752_/_5513133'		3.33	3.33	3.33	0.16	0.45	3.33	1.19 No	0.16 Thermal Discharging
TLK061	392	'5529085_/_5541595'		10	10	10	0.48	0.3	10	3.56 No	0.3 Element Fault
TLK061	393	'43728316_/_5532583_2'		10	10	10	0.48	0.3	10	3.56 No	0.3 Element Fault
TLK061	394	'43732771_/_5511066'		3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16 Thermal Discharging
TLK061	395	'5541387_/_5541384'		3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16 Thermal Discharging
TLK061	396	'43735653_/_43735655'		3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16 Thermal Discharging
TLK061	397	'5513289_/_43729788'		3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16 Thermal Discharging
TLK061	398	'5510532_/_5518917'		3.33	3.33	3.33	0.16	0.1	3.33	1.19 No	0.1 Element Fault
TLK061	399	'5518369_/_5525019'		3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16 Thermal Discharging
TLK061	400	'5529068_/_5529082'		10	10	10	0.48	0.3	10	3.56 No	0.3 Element Fault
TLK061	401	'5514453_/_43730022'		3.33	3.33	3.33	0.16	0.3	3.33	1.19 No	0.16 Thermal Discharging
TLK061	402	'8982156_/_8982153'		3.33	3.33	3.33	0.16	0.5	3.33	1.19 No	0.16 Thermal Discharging
TLK061	403	'5524018_/_5524015'		3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16 Thermal Discharging
TLK061	404	'5515259_/_43730180'		3.33	3.33	3.33	0.16	0.1	3.33	1.19 No	0.1 Element Fault
TLK061	405	'5513197_/_43731251'		3.33	3.33	3.33	0.16	0.45	3.33	1.19 No	0.16 Thermal Discharging
TLK061	406	'5515182_/_5515179'		6.67	6.67	6.67	0.32	0.2	6.67	2.37 No	0.2 Element Fault
TLK061	407	'5529051_/_5529065'		10	10	10	0.48	0.3	10	3.56 No	0.3 Element Fault
TLK061	408	'5518829_/_5518839'		3.33	3.33	3.33	0.16	0.1	3.33	1.19 No	0.1 Element Fault
TLK061	409	'43728186_/_43728188'		6.67	6.67	6.67	0.32	0.2	6.67	2.37 No	0.2 Element Fault
TLK061	410	'44079315_/_5540869'		3.33	3.33	3.33	0.16	0.45	3.33	1.19 No	0.16 Thermal Discharging
TLK061	411	'5510533_/_5510530'		3.33	3.33	3.33	0.16	0.1	3.33	1.19 No	0.1 Element Fault
TLK061	412	'5511120_/_5511118'		3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16 Thermal Discharging
TLK061	413	'5510646_/_43728331'		10	10	10	0.48	0.3	10	3.56 No	0.3 Element Fault
TLK061	414	'43730154_/_5515194'		6.67	6.67	6.67	0.32	0.2	6.67	2.37 No	0.2 Element Fault
TLK061	415	'43730200_/_5532371_2'		10	10	10	0.48	0.3	10	3.56 No	0.3 Element Fault
TLK061	416	'5527580_/_5527578'		3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16 Thermal Discharging
TLK061	417	'5529031_/_5529048'		10	10	10	0.48	0.3	10	3.56 No	0.3 Element Fault
TLK061	418	'5525156_/_5527227'		3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16 Thermal Discharging
TLK061	419	'5513198_/_5513195'		3.33	3.33	3.33	0.16	0.45	3.33	1.19 No	0.16 Thermal Discharging
TLK061	420	'5514555_/_5514572'		10	10	10	0.48	2.3	10	3.56 No	0.48 Thermal Discharging
TLK061	421	'5537323_/_43731666'		3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16 Thermal Discharging
TLK061	422	'5527516_/_5527526'		3.33	3.33	3.33	0.16	0.3	3.33	1.19 No	0.16 Thermal Discharging
TLK061	423	'5511648_/_43729554'		3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16 Thermal Discharging
TLK061	424	'43733354_/_5527266'		3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16 Thermal Discharging
TLK061	425	'43730368_/_5529028'		10	10	10	0.48	0.3	10	3.56 No	0.3 Element Fault
TLK061	426	'5518014_/_5518026'		6.67	6.67	6.67	0.32	0.9	6.67	2.37 No	0.32 Thermal Discharging
TLK061	427	'5517614_/_5517667'		3.33	3.33	3.33	0.16	0.1	3.33	1.19 No	0.1 Element Fault
TLK061	428	'5515212_/_43730156'		6.67	6.67	6.67	0.32	0.2	6.67	2.37 No	0.2 Element Fault
TLK061	429	'5541400_/_5541397'		3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16 Thermal Discharging
TLK061	430	'5514375_/_5514632'		3.33	3.33	3.33	0.16	0.77	3.33	1.19 No	0.16 Thermal Discharging
TLK061	431	'5529013_/_5529011'		10	10	10	0.48	0.3	10	3.56 No	0.3 Element Fault
TLK061	432	'43728264_/_5510714'		10	10	10	0.48	0.3	10	3.56 No	0.3 Element Fault
TLK061	433	'43729739_/_5513004_2'		10	10	10	0.48	0.3	10	3.56 No	0.3 Element Fault
TLK061	434	'156351747_/_150013816_1'		10	10	10	0.48	0.3	10	3.56 No	0.3 Element Fault
TLK061	435	'43730355_/_43730357'		10	10	10	0.48	0.3	10	3.56 No	0.3 Element Fault
TLK061	436	'5522233_/_5522243'		3.33	3.33	3.33	0.16	0.47	3.33	1.19 No	0.16 Thermal Discharging
TLK061	437	'5529101_/_7091284_2'		10	10	10	0.48	0.3	10	3.56 No	0.3 Element Fault
TLK061	438	'5512695_/_5514451'		3.33	3.33	3.33	0.16	0.3	3.33	1.19 No	0.16 Thermal Discharging
TLK061	439	'43729775_/_5513299'		3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16 Thermal Discharging
TLK061	440	'5510663_/_5510660'		10	10	10	0.48	0.3	10	3.56 No	0.3 Element Fault
TLK061	441	'43731095_/_43731097'		3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16 Thermal Discharging
TLK061	442	'5543274_/_5543284'		3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16 Thermal Discharging
TLK061	443	'5515227_/_5515224'		6.67	6.67	6.67	0.32	0.2	6.67	2.37 No	0.2 Element Fault
TLK061	444	'5526778_/_5526776'		3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16 Thermal Discharging
TLK061	445	'43732922_/_5523905'		3.33	3.33	3.33	0.16	0.3	3.33	1.19 No	0.16 Thermal Discharging
TLK061	446	'5541697_/_43729754'		3.33	3.33	3.33	0.16	0.45	3.33	1.19 No	0.16 Thermal Discharging
TLK061	447	'5524297_/_5524294'		3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16 Thermal Discharging
TLK061	448	'149989463_/_150013816_2'		10	10	10	0.48	0.3	10	3.56 No	0.3 Element Fault
TLK061	449	'43728107_/_43728109'		3.33	3.33	3.33	0.16	0.1	3.33	1.19 No	0.1 Element Fault
TLK061	450	'5514376_/_5514373'		3.33	3.33	3.33	0.16	0.3	3.33	1.19 No	0.16 Thermal Discharging
TLK061	451	'5525143_/_5525153'		3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16 Thermal Discharging
TLK061	452	'5528358_/_5528368'		3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16 Thermal Discharging
TLK061	453	'70252996_/_5514552_2'		10	10	10	0.48	2.3	10	3.56 No	0.48 Thermal Discharging
TLK061	454	'5524073_/_43732727'		3.33	3.33	3.33	0.16	0.3	3.33	1.19 No	0.16 Thermal Discharging
TLK061	455	'5514554_/_5514552_1'		10	10	10	0.48	2.3	10	3.56 No	0.48 Thermal Discharging
TLK061	456	'70253008_/_5543836_2'		10	10	10	0.48	2.3	10	3.56 No	0.48 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TLK061	457	'43728303_/_43728305'	10	10	10	0.48	0.3	10	3.56 No	0.3	Element Fault
TLK061	458	'43730166_/_5515242'	6.67	6.67	6.67	0.32	0.2	6.67	2.37 No	0.2	Element Fault
TLK061	459	'51748970_/_51748979_1'	10	10	10	0.48	0.9	10	3.56 No	0.48	Thermal Discharging
TLK061	460	'43728052_/_43728054'	3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16	Thermal Discharging
TLK061	461	'43730869_/_5517612'	3.33	3.33	3.33	0.16	0.1	3.33	1.19 No	0.1	Element Fault
TLK061	462	'43730189_/_5515257'	3.33	3.33	3.33	0.16	0.1	3.33	1.19 No	0.1	Element Fault
TLK061	463	'70253043_/_5514334_1'	3.33	3.33	3.33	0.16	0.3	3.33	1.19 No	0.16	Thermal Discharging
TLK061	464	'5510679_/_5510677'	10	10	10	0.48	0.3	10	3.56 No	0.3	Element Fault
TLK061	465	'56144502_/_51748979_2'	10	10	10	0.48	0.9	10	3.56 No	0.48	Thermal Discharging
TLK061	466	'5511661_/_5511658'	3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16	Thermal Discharging
TLK061	467	'43732832_/_5524028'	3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16	Thermal Discharging
TLK061	468	'43731271_/_5525623'	3.33	3.33	3.33	0.16	0.45	3.33	1.19 No	0.16	Thermal Discharging
TLK061	469	'5519036_/_5519034'	6.67	6.67	6.67	0.32	0.2	6.67	2.37 No	0.2	Element Fault
TLK061	470	'5511082_/_43732773'	3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16	Thermal Discharging
TLK061	471	'5532391_/_43730202'	10	10	10	0.48	0.3	10	3.56 No	0.3	Element Fault
TLK061	472	'5515598_/_43730168'	6.67	6.67	6.67	0.32	0.2	6.67	2.37 No	0.2	Element Fault
TLK061	473	'43732225_/_44079317'	3.33	3.33	3.33	0.16	0.45	3.33	1.19 No	0.16	Thermal Discharging
TLK061	474	'5527503_/_5527513'	3.33	3.33	3.33	0.16	0.3	3.33	1.19 No	0.16	Thermal Discharging
TLK061	475	'5518013_/_5518011'	6.67	6.67	6.67	0.32	0.9	6.67	2.37 No	0.32	Thermal Discharging
TLK061	476	'5512503_/_5512692'	3.33	3.33	3.33	0.16	0.3	3.33	1.19 No	0.16	Thermal Discharging
TLK061	477	'70253024_/_5514334_2'	3.33	3.33	3.33	0.16	0.3	3.33	1.19 No	0.16	Thermal Discharging
TLK061	478	'5515581_/_5515596'	6.67	6.67	6.67	0.32	0.2	6.67	2.37 No	0.2	Element Fault
TLK061	479	'5510733_/_43728266'	10	10	10	0.48	0.3	10	3.56 No	0.3	Element Fault
TLK061	480	'5518800_/_5518813'	3.33	3.33	3.33	0.16	0.1	3.33	1.19 No	0.1	Element Fault
TLK061	481	'5515580_/_5515578'	6.67	6.67	6.67	0.32	0.2	6.67	2.37 No	0.2	Element Fault
TLK061	482	'5518343_/_5518353'	3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16	Thermal Discharging
TLK061	483	'43729225_/_43729227'	3.33	3.33	3.33	0.16	0.47	3.33	1.19 No	0.16	Thermal Discharging
TLK061	484	'5525142_/_5525140'	3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16	Thermal Discharging
TLK061	485	'43730858_/_43730860'	3.33	3.33	3.33	0.16	0.1	3.33	1.19 No	0.1	Element Fault
TLK061	486	'5543273_/_5543271'	3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16	Thermal Discharging
TLK061	487	'5541009_/_5541019'	3.33	3.33	3.33	0.16	0.3	3.33	1.19 No	0.16	Thermal Discharging
TLK061	488	'5544145_/_5544142'	3.33	3.33	3.33	0.16	0.45	3.33	1.19 No	0.16	Thermal Discharging
TLK061	489	'5512504_/_5512501'	3.33	3.33	3.33	0.16	0.3	3.33	1.19 No	0.16	Thermal Discharging
TLK061	490	'43731675_/_5537321'	3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16	Thermal Discharging
TLK061	491	'5528357_/_5528355'	3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16	Thermal Discharging
TLK061	492	'5513315_/_43729777'	3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16	Thermal Discharging
TLK061	493	'5523921_/_43732924'	3.33	3.33	3.33	0.16	0.3	3.33	1.19 No	0.16	Thermal Discharging
TLK061	494	'5518551_/_5518561'	3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16	Thermal Discharging
TLK061	495	'5514389_/_5514386'	3.33	3.33	3.33	0.16	0.3	3.33	1.19 No	0.16	Thermal Discharging
TLK061	496	'5517628_/_5517625'	3.33	3.33	3.33	0.16	0.1	3.33	1.19 No	0.1	Element Fault
TLK061	497	'5527282_/_43733356'	3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16	Thermal Discharging
TLK061	498	'43732703_/_5524310'	3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16	Thermal Discharging
TLK061	499	'43730009_/_70253021'	3.33	3.33	3.33	0.16	0.3	3.33	1.19 No	0.16	Thermal Discharging
TLK061	500	'5532408_/_5532405'	10	10	10	0.48	0.3	10	3.56 No	0.3	Element Fault
TLK061	501	'5510612_/_5510626'	10	10	10	0.48	0.3	10	3.56 No	0.3	Element Fault
TLK061	502	'5543838_/_5543836_1'	10	10	10	0.48	2.3	10	3.56 No	0.48	Thermal Discharging
TLK061	503	'5513027_/_43729741'	10	10	10	0.48	0.3	10	3.56 No	0.3	Element Fault
TLK061	504	'5524044_/_43732834'	3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16	Thermal Discharging
TLK061	505	'5515260_/_43730191'	3.33	3.33	3.33	0.16	0.1	3.33	1.19 No	0.1	Element Fault
TLK061	506	'43728342_/_5510731'	10	10	10	0.48	0.3	10	3.56 No	0.3	Element Fault
TLK061	507	'5518330_/_5518340'	3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16	Thermal Discharging
TLK061	508	'43729563_/_5511671'	3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16	Thermal Discharging
TLK061	509	'5527490_/_5527500'	3.33	3.33	3.33	0.16	0.3	3.33	1.19 No	0.16	Thermal Discharging
TLK061	510	'5518197_/_5543310'	3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16	Thermal Discharging
TLK061	511	'43733288_/_43733290'	3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16	Thermal Discharging
TLK061	512	'5528444_/_5528456'	6.67	6.67	6.67	0.32	0.9	6.67	2.37 No	0.32	Thermal Discharging
TLK061	513	'5511095_/_5511092'	3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16	Thermal Discharging
TLK061	514	'5540872_/_43732227'	3.33	3.33	3.33	0.16	0.45	3.33	1.19 No	0.16	Thermal Discharging
TLK061	515	'5518787_/_5518797'	3.33	3.33	3.33	0.16	0.1	3.33	1.19 No	0.1	Element Fault
TLK061	516	'5513210_/_43731273'	3.33	3.33	3.33	0.16	0.45	3.33	1.19 No	0.16	Thermal Discharging
TLK061	517	'5522204_/_5522214'	3.33	3.33	3.33	0.16	0.47	3.33	1.19 No	0.16	Thermal Discharging
TLK061	518	'5545352_/_5545362'	3.33	3.33	3.33	0.16	0.1	3.33	1.19 No	0.1	Element Fault
TLK061	519	'5527295_/_5527292'	3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16	Thermal Discharging
TLK061	520	'5524057_/_5524054'	3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16	Thermal Discharging
TLK061	521	'43735823_/_5544155'	3.33	3.33	3.33	0.16	0.45	3.33	1.19 No	0.16	Thermal Discharging
TLK061	522	'43730213_/_5532422'	10	10	10	0.48	0.3	10	3.56 No	0.3	Element Fault
TLK061	523	'5512517_/_5512514'	3.33	3.33	3.33	0.16	0.3	3.33	1.19 No	0.16	Thermal Discharging
TLK061	524	'5514402_/_5514399'	3.33	3.33	3.33	0.16	0.3	3.33	1.19 No	0.16	Thermal Discharging
TLK061	525	'5523937_/_5523934'	3.33	3.33	3.33	0.16	0.3	3.33	1.19 No	0.16	Thermal Discharging
TLK061	526	'5513211_/_5513208'	3.33	3.33	3.33	0.16	0.45	3.33	1.19 No	0.16	Thermal Discharging
TLK061	527	'5543520_/_5543517'	3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16	Thermal Discharging
TLK061	528	'43730298_/_5517019'	6.67	6.67	6.67	0.32	0.2	6.67	2.37 No	0.2	Element Fault
TLK061	529	'5518329_/_5518327'	3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16	Thermal Discharging
TLK061	530	'5517641_/_5517638'	3.33	3.33	3.33	0.16	0.1	3.33	1.19 No	0.1	Element Fault
TLK061	531	'5527216_/_5527214'	3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16	Thermal Discharging
TLK061	532	'5532556_/_5532553'	3.33	3.33	3.33	0.16	0.1	3.33	1.19 No	0.1	Element Fault
TLK061	533	'70253097_/_5543856_2'	10	10	10	0.48	2.3	10	3.56 No	0.48	Thermal Discharging
TLK061	534	'5543824_/_5543856_1'	10	10	10	0.48	2.3	10	3.56 No	0.48	Thermal Discharging
TLK061	535	'43730961_/_43730963'	6.67	6.67	6.67	0.32	0.9	6.67	2.37 No	0.32	Thermal Discharging
TLK061	536	'5541008_/_5541006'	3.33	3.33	3.33	0.16	0.3	3.33	1.19 No	0.16	Thermal Discharging
TLK061	537	'49249607_/_8041262_1'	10	10	10	0.48	0.9	10	3.56 No	0.48	Thermal Discharging
TLK061	538	'5527489_/_5527487'	3.33	3.33	3.33	0.16	0.3	3.33	1.19 No	0.16	Thermal Discharging
TLK061	539	'43728290_/_43728292'	10	10	10	0.48	0.3	10	3.56 No	0.3	Element Fault
TLK061	540	'5510754_/_5510751'	10	10	10	0.48	0.3	10	3.56 No	0.3	Element Fault
TLK061	541	'5513044_/_5513041'	10	10	10	0.48	0.3	10	3.56 No	0.3	Element Fault
TLK061	542	'43728041_/_43728043'	3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16	Thermal Discharging
TLK061	543	'5514349_/_43730011'	3.33	3.33	3.33	0.16	0.3	3.33	1.19 No	0.16	Thermal Discharging
TLK061	544	'43731260_/_43732705'	3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16	Thermal Discharging
TLK061	545	'5517602_/_5545349'	3.33	3.33	3.33	0.16	0.1	3.33	1.19 No	0.1	Element Fault
TLK061	546	'43731040_/_43731042'	3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16	Thermal Discharging
TLK061	547	'5537337_/_5537334'	3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16	Thermal Discharging
TLK061	548	'5512627_/_5512624'	3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16	Thermal Discharging
TLK061	549	'5513224_/_5513221'	3.33	3.33	3.33	0.16	0.45	3.33	1.19 No	0.16	Thermal Discharging
TLK061	550	'43728096_/_43728098'	3.33	3.33	3.33	0.16	0.1	3.33	1.19 No	0.1	Element Fault

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TLK061	551	'5518184_/_5518181_2'	3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16	Thermal Discharging
TLK061	552	'5532461_/_43730215'	10	10	10	0.48	0.3	10	3.56 No	0.3	Element Fault
TLK061	553	'5522203_/_5522201'	3.33	3.33	3.33	0.16	0.47	3.33	1.19 No	0.16	Thermal Discharging
TLK061	554	'5517984_/_5517996'	6.67	6.67	6.67	0.32	0.9	6.67	2.37 No	0.32	Thermal Discharging
TLK061	555	'5527308_/_5527305'	3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16	Thermal Discharging
TLK061	556	'5523950_/_5523947'	3.33	3.33	3.33	0.16	0.3	3.33	1.19 No	0.16	Thermal Discharging
TLK061	557	'5511108_/_5511105'	3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16	Thermal Discharging
TLK061	558	'8041265_/_8041262_2'	10	10	10	0.48	0.9	10	3.56 No	0.48	Thermal Discharging
TLK061	559	'43731084_/_43731086'	3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16	Thermal Discharging
TLK061	560	'5514540_/_5543821'	10	10	10	0.48	2.3	10	3.56 No	0.48	Thermal Discharging
TLK061	561	'43729598_/_5514412'	3.33	3.33	3.33	0.16	0.3	3.33	1.19 No	0.16	Thermal Discharging
TLK061	562	'5518525_/_5518535'	3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16	Thermal Discharging
TLK061	563	'5510771_/_5510768'	10	10	10	0.48	0.3	10	3.56 No	0.3	Element Fault
TLK061	564	'5543533_/_5543530'	3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16	Thermal Discharging
TLK061	565	'5510575_/_5510592'	10	10	10	0.48	0.3	10	3.56 No	0.3	Element Fault
TLK061	566	'43733932_/_5512527'	3.33	3.33	3.33	0.16	0.3	3.33	1.19 No	0.16	Thermal Discharging
TLK061	567	'5517589_/_5517599'	3.33	3.33	3.33	0.16	0.1	3.33	1.19 No	0.1	Element Fault
TLK061	568	'5513148_/_43735825'	3.33	3.33	3.33	0.16	0.45	3.33	1.19 No	0.16	Thermal Discharging
TLK061	569	'43730880_/_5517651'	3.33	3.33	3.33	0.16	0.1	3.33	1.19 No	0.1	Element Fault
TLK061	570	'5514350_/_5514347'	3.33	3.33	3.33	0.16	0.3	3.33	1.19 No	0.16	Thermal Discharging
TLK061	571	'5524325_/_5525597'	3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16	Thermal Discharging
TLK061	572	'5513237_/_5513234'	3.33	3.33	3.33	0.16	0.45	3.33	1.19 No	0.16	Thermal Discharging
TLK061	573	'5518761_/_5518771'	3.33	3.33	3.33	0.16	0.1	3.33	1.19 No	0.1	Element Fault
TLK061	574	'5517086_/_5517097_1'	3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16	Thermal Discharging
TLK061	575	'5517966_/_5517981'	6.67	6.67	6.67	0.32	0.9	6.67	2.37 No	0.32	Thermal Discharging
TLK061	576	'43729726_/_5513058'	10	10	10	0.48	0.3	10	3.56 No	0.3	Element Fault
TLK061	577	'385626824_/_385626832'	10	10	10	0.48	0.3	10	3.56 No	0.3	Element Fault
TLK061	578	'5510574_/_5510572'	10	10	10	0.48	0.3	10	3.56 No	0.3	Element Fault
TLK061	579	'385626850_/_5536633'	3.33	3.33	3.33	0.16	0.1	3.33	1.19 No	0.1	Element Fault
TLK061	580	'43728140_/_385626858'	3.33	3.33	3.33	0.16	0.1	3.33	1.19 No	0.1	Element Fault
TLK061	581	'43732282_/_5541143'	3.33	3.33	3.33	0.16	0.3	3.33	1.19 No	0.16	Thermal Discharging
TLK061	582	'5518748_/_5518758'	3.33	3.33	3.33	0.16	0.1	3.33	1.19 No	0.1	Element Fault
TLK061	583	'5515713_/_43730300'	6.67	6.67	6.67	0.32	0.2	6.67	2.37 No	0.2	Element Fault
TLK061	584	'5523681_/_5523678'	3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16	Thermal Discharging
TLK061	585	'5515353_/_5532459'	10	10	10	0.48	0.3	10	3.56 No	0.3	Element Fault
TLK061	586	'5518171_/_5518181_1'	3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16	Thermal Discharging
TLK061	587	'5512640_/_5512637'	3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16	Thermal Discharging
TLK061	588	'43733365_/_5527318'	3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16	Thermal Discharging
TLK061	589	'5535730_/_5535740'	3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16	Thermal Discharging
TLK061	590	'5518512_/_5518522'	3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16	Thermal Discharging
TLK061	591	'5532909_/_43733865'	3.33	3.33	3.33	0.16	0.47	3.33	1.19 No	0.16	Thermal Discharging
TLK061	592	'5523963_/_5523960'	3.33	3.33	3.33	0.16	0.3	3.33	1.19 No	0.16	Thermal Discharging
TLK061	593	'43731686_/_5537347'	3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16	Thermal Discharging
TLK061	594	'5513250_/_5513247'	3.33	3.33	3.33	0.16	0.45	3.33	1.19 No	0.16	Thermal Discharging
TLK061	595	'5514230_/_5517097_2'	3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16	Thermal Discharging
TLK061	596	'5517573_/_5517586'	3.33	3.33	3.33	0.16	0.1	3.33	1.19 No	0.1	Element Fault
TLK061	597	'5512981_/_5513146'	3.33	3.33	3.33	0.16	0.45	3.33	1.19 No	0.16	Thermal Discharging
TLK061	598	'5510788_/_5510785'	10	10	10	0.48	0.3	10	3.56 No	0.3	Element Fault
TLK061	599	'5511700_/_43733934'	3.33	3.33	3.33	0.16	0.3	3.33	1.19 No	0.16	Thermal Discharging
TLK061	600	'5514539_/_5514537'	6.67	6.67	6.67	0.32	1.53	6.67	2.37 No	0.32	Thermal Discharging
TLK061	601	'43735664_/_5543543'	3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16	Thermal Discharging
TLK061	602	'5518499_/_5518509'	3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16	Thermal Discharging
TLK061	603	'5512279_/_5512679'	3.33	3.33	3.33	0.16	0.3	3.33	1.19 No	0.16	Thermal Discharging
TLK061	604	'5513078_/_43729728'	10	10	10	0.48	0.3	10	3.56 No	0.3	Element Fault
TLK061	605	'43730949_/_43730951'	6.67	6.67	6.67	0.32	0.9	6.67	2.37 No	0.32	Thermal Discharging
TLK061	606	'5519133_/_5519130'	10	10	10	0.48	0.3	10	3.56 No	0.3	Element Fault
TLK061	607	'43732957_/_5524323'	3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16	Thermal Discharging
TLK061	608	'5515695_/_5515710'	6.67	6.67	6.67	0.32	0.2	6.67	2.37 No	0.2	Element Fault
TLK061	609	'5518317_/_5535727'	3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16	Thermal Discharging
TLK061	610	'43729609_/_43729611'	3.33	3.33	3.33	0.16	0.3	3.33	1.19 No	0.16	Thermal Discharging
TLK061	611	'5523694_/_5523691'	3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16	Thermal Discharging
TLK061	612	'43729574_/_5512650'	3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16	Thermal Discharging
TLK061	613	'43728085_/_5518745'	3.33	3.33	3.33	0.16	0.1	3.33	1.19 No	0.1	Element Fault
TLK061	614	'5518170_/_5518168'	3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16	Thermal Discharging
TLK061	615	'5541158_/_5541156'	3.33	3.33	3.33	0.16	0.3	3.33	1.19 No	0.16	Thermal Discharging
TLK061	616	'5514269_/_380430334'	3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16	Thermal Discharging
TLK061	617	'5527334_/_43733367'	3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16	Thermal Discharging
TLK061	618	'5517951_/_5543391'	6.67	6.67	6.67	0.32	0.9	6.67	2.37 No	0.32	Thermal Discharging
TLK061	619	'5511687_/_43728142'	3.33	3.33	3.33	0.16	0.1	3.33	1.19 No	0.1	Element Fault
TLK061	620	'43731486_/_5543336'	3.33	3.33	3.33	0.16	0.1	3.33	1.19 No	0.1	Element Fault
TLK061	621	'5511713_/_5511710'	3.33	3.33	3.33	0.16	0.3	3.33	1.19 No	0.16	Thermal Discharging
TLK061	622	'5519023_/_5520898'	3.33	3.33	3.33	0.16	0.1	3.33	1.19 No	0.1	Element Fault
TLK061	623	'5512280_/_5512277'	3.33	3.33	3.33	0.16	0.3	3.33	1.19 No	0.16	Thermal Discharging
TLK061	624	'5512874_/_5512978'	3.33	3.33	3.33	0.16	0.45	3.33	1.19 No	0.16	Thermal Discharging
TLK061	625	'5518486_/_5518496'	3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16	Thermal Discharging
TLK061	626	'5515314_/_5515351'	10	10	10	0.48	0.3	10	3.56 No	0.3	Element Fault
TLK061	627	'43730847_/_43730849'	3.33	3.33	3.33	0.16	0.1	3.33	1.19 No	0.1	Element Fault
TLK061	628	'5519150_/_5519147'	10	10	10	0.48	0.3	10	3.56 No	0.3	Element Fault
TLK061	629	'5514217_/_5514227'	3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16	Thermal Discharging
TLK061	630	'5518719_/_5518729'	3.33	3.33	3.33	0.16	0.1	3.33	1.19 No	0.1	Element Fault
TLK061	631	'470307220_/_5515312_1'	3.33	3.33	3.33	0.16	0.1	3.33	1.19 No	0.1	Element Fault
TLK061	632	'5543949_/_43735666'	3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16	Thermal Discharging
TLK061	633	'43731698_/_43731688'	3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16	Thermal Discharging
TLK061	634	'5537363_/_43731700'	3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16	Thermal Discharging
TLK061	635	'470307238_/_5515312_2'	3.33	3.33	3.33	0.16	0.1	3.33	1.19 No	0.1	Element Fault
TLK061	636	'5515680_/_5515692'	6.67	6.67	6.67	0.32	0.2	6.67	2.37 No	0.2	Element Fault
TLK061	637	'5518304_/_5518314'	3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16	Thermal Discharging
TLK061	638	'5525691_/_5525701'	3.33	3.33	3.33	0.16	0.1	3.33	1.19 No	0.1	Element Fault
TLK061	639	'43730259_/_5515493'	10	10	10	0.48	0.3	10	3.56 No	0.3	Element Fault
TLK061	640	'5524326_/_43732959'	3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16	Thermal Discharging
TLK061	641	'5516991_/_5516989'	3.33	3.33	3.33	0.16	0.3	3.33	1.19 No	0.16	Thermal Discharging
TLK061	642	'5517950_/_5517948'	6.67	6.67	6.67	0.32	0.9	6.67	2.37 No	0.32	Thermal Discharging
TLK061	643	'43729998_/_5514282'	3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16	Thermal Discharging
TLK061	644	'43729579_/_43729576'	3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TLK061	645	'5510545_/_5543349'	3.33	3.33	3.33	0.16	0.1	3.33	1.19 No	0.1	Element Fault
TLK061	646	'5512861_/_5512871'	3.33	3.33	3.33	0.16	0.45	3.33	1.19 No	0.16	Thermal Discharging
TLK061	647	'43729986_/_43729988'	6.67	6.67	6.67	0.32	1.53	6.67	2.37 No	0.32	Thermal Discharging
TLK061	648	'43732293_/_43732295'	3.33	3.33	3.33	0.16	0.3	3.33	1.19 No	0.16	Thermal Discharging
TLK061	649	'43731029_/_43731031'	3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16	Thermal Discharging
TLK061	650	'43729530_/_5512540'	3.33	3.33	3.33	0.16	0.3	3.33	1.19 No	0.16	Thermal Discharging
TLK061	651	'5512887_/_5512884'	3.33	3.33	3.33	0.16	0.45	3.33	1.19 No	0.16	Thermal Discharging
TLK061	652	'43728030_/_5512290'	3.33	3.33	3.33	0.16	0.3	3.33	1.19 No	0.16	Thermal Discharging
TLK061	653	'5543950_/_5543947'	3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16	Thermal Discharging
TLK061	654	'5519167_/_5519164'	10	10	10	0.48	0.3	10	3.56 No	0.3	Element Fault
TLK061	655	'5528589_/_5528586'	3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16	Thermal Discharging
TLK061	656	'5518706_/_5518716'	3.33	3.33	3.33	0.16	0.1	3.33	1.19 No	0.1	Element Fault
TLK061	657	'43730237_/_5515312_3'	3.33	3.33	3.33	0.16	0.1	3.33	1.19 No	0.1	Element Fault
TLK061	658	'5525406_/_5525416'	3.33	3.33	3.33	0.16	0.1	3.33	1.19 No	0.1	Element Fault
TLK061	659	'43731128_/_43731130'	3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16	Thermal Discharging
TLK061	660	'70253108_/_43730939'	6.67	6.67	6.67	0.32	0.9	6.67	2.37 No	0.32	Thermal Discharging
TLK061	661	'43729975_/_5514214'	3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16	Thermal Discharging
TLK061	662	'43728175_/_5519021'	3.33	3.33	3.33	0.16	0.1	3.33	1.19 No	0.1	Element Fault
TLK061	663	'5525678_/_5525688'	3.33	3.33	3.33	0.16	0.1	3.33	1.19 No	0.1	Element Fault
TLK061	664	'5517557_/_5517570'	3.33	3.33	3.33	0.16	0.1	3.33	1.19 No	0.1	Element Fault
TLK061	665	'5528602_/_5528599'	3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16	Thermal Discharging
TLK061	666	'5524866_/_5524863'	3.33	3.33	3.33	0.16	0.3	3.33	1.19 No	0.16	Thermal Discharging
TLK061	667	'5515665_/_5515677'	6.67	6.67	6.67	0.32	0.2	6.67	2.37 No	0.2	Element Fault
TLK061	668	'5510546_/_5510543'	3.33	3.33	3.33	0.16	0.1	3.33	1.19 No	0.1	Element Fault
TLK061	669	'43731073_/_43731075'	3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16	Thermal Discharging
TLK061	670	'43729631_/_43729633'	3.33	3.33	3.33	0.16	0.45	3.33	1.19 No	0.16	Thermal Discharging
TLK061	671	'5518158_/_5543406'	3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16	Thermal Discharging
TLK061	672	'5514297_/_43730000'	3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16	Thermal Discharging
TLK061	673	'5515371_/_5515368'	10	10	10	0.48	0.3	10	3.56 No	0.3	Element Fault
TLK061	674	'5515740_/_5515738'	3.33	3.33	3.33	0.16	0.1	3.33	1.19 No	0.1	Element Fault
TLK061	675	'5541172_/_5541182'	3.33	3.33	3.33	0.16	0.3	3.33	1.19 No	0.16	Thermal Discharging
TLK061	676	'5511725_/_5519181'	10	10	10	0.48	0.3	10	3.56 No	0.3	Element Fault
TLK061	677	'5512900_/_5512897'	3.33	3.33	3.33	0.16	0.45	3.33	1.19 No	0.16	Thermal Discharging
TLK061	678	'385626699_/_5511723'	10	10	10	0.48	0.3	10	3.56 No	0.3	Element Fault
TLK061	679	'61636122_/_385626707'	10	10	10	0.48	0.3	10	3.56 No	0.3	Element Fault
TLK061	680	'43729642_/_5512936'	3.33	3.33	3.33	0.16	0.45	3.33	1.19 No	0.16	Thermal Discharging
TLK061	681	'5518460_/_5518470'	3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16	Thermal Discharging
TLK061	682	'5515513_/_43730261'	10	10	10	0.48	0.3	10	3.56 No	0.3	Element Fault
TLK061	683	'5512556_/_43729532'	3.33	3.33	3.33	0.16	0.3	3.33	1.19 No	0.16	Thermal Discharging
TLK061	684	'5517938_/_5528513'	3.33	3.33	3.33	0.16	0.45	3.33	1.19 No	0.16	Thermal Discharging
TLK061	685	'5512306_/_43728032'	3.33	3.33	3.33	0.16	0.3	3.33	1.19 No	0.16	Thermal Discharging
TLK061	686	'5517556_/_5517554'	3.33	3.33	3.33	0.16	0.1	3.33	1.19 No	0.1	Element Fault
TLK061	687	'43728074_/_43728076'	3.33	3.33	3.33	0.16	0.1	3.33	1.19 No	0.1	Element Fault
TLK061	688	'5514510_/_5514522'	6.67	6.67	6.67	0.32	1.53	6.67	2.37 No	0.32	Thermal Discharging
TLK061	689	'63882326_/_385626685_2'	3.33	3.33	3.33	0.16	0.1	3.33	1.19 No	0.1	Element Fault
TLK061	690	'5518145_/_5518155'	3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16	Thermal Discharging
TLK061	691	'5514243_/_5514253'	3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16	Thermal Discharging
TLK061	692	'5518290_/_5518288'	3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16	Thermal Discharging
TLK061	693	'5511782_/_385626685_1'	3.33	3.33	3.33	0.16	0.1	3.33	1.19 No	0.1	Element Fault
TLK061	694	'5515328_/_43730239'	3.33	3.33	3.33	0.16	0.1	3.33	1.19 No	0.1	Element Fault
TLK061	695	'43728019_/_5524876'	3.33	3.33	3.33	0.16	0.3	3.33	1.19 No	0.16	Thermal Discharging
TLK061	696	'43728253_/_5510556'	3.33	3.33	3.33	0.16	0.1	3.33	1.19 No	0.1	Element Fault
TLK061	697	'43730226_/_43730228'	3.33	3.33	3.33	0.16	0.1	3.33	1.19 No	0.1	Element Fault
TLK061	698	'5512572_/_5512569'	3.33	3.33	3.33	0.16	0.3	3.33	1.19 No	0.16	Thermal Discharging
TLK061	699	'43730322_/_43730324'	3.33	3.33	3.33	0.16	0.1	3.33	1.19 No	0.1	Element Fault
TLK061	700	'43729620_/_43729622'	3.33	3.33	3.33	0.16	0.45	3.33	1.19 No	0.16	Thermal Discharging
TLK061	701	'5519024_/_43728177'	3.33	3.33	3.33	0.16	0.1	3.33	1.19 No	0.1	Element Fault
TLK061	702	'5515650_/_5515662'	6.67	6.67	6.67	0.32	0.2	6.67	2.37 No	0.2	Element Fault
TLK061	703	'5512111_/_5514295'	3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16	Thermal Discharging
TLK061	704	'43728220_/_43728222'	3.33	3.33	3.33	0.16	0.1	3.33	1.19 No	0.1	Element Fault
TLK061	705	'5517925_/_5517935'	3.33	3.33	3.33	0.16	0.45	3.33	1.19 No	0.16	Thermal Discharging
TLK061	706	'5512939_/_43729644'	3.33	3.33	3.33	0.16	0.45	3.33	1.19 No	0.16	Thermal Discharging
TLK061	707	'43730272_/_5515527'	10	10	10	0.48	0.3	10	3.56 No	0.3	Element Fault
TLK061	708	'5512319_/_5512316'	3.33	3.33	3.33	0.16	0.3	3.33	1.19 No	0.16	Thermal Discharging
TLK061	709	'5512913_/_5512910'	3.33	3.33	3.33	0.16	0.45	3.33	1.19 No	0.16	Thermal Discharging
TLK061	710	'5515391_/_5515388'	10	10	10	0.48	0.3	10	3.56 No	0.3	Element Fault
TLK061	711	'5518447_/_5518457'	3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16	Thermal Discharging
TLK061	712	'5511743_/_5511740'	10	10	10	0.48	0.3	10	3.56 No	0.3	Element Fault
TLK061	713	'43728741_/_43728743'	3.33	3.33	3.33	0.16	0.1	3.33	1.19 No	0.1	Element Fault
TLK061	714	'5536649_/_5536659'	3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16	Thermal Discharging
TLK061	715	'5540996_/_5541169'	3.33	3.33	3.33	0.16	0.3	3.33	1.19 No	0.16	Thermal Discharging
TLK061	716	'5511796_/_5511793'	3.33	3.33	3.33	0.16	0.1	3.33	1.19 No	0.1	Element Fault
TLK061	717	'5518144_/_5518142'	3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16	Thermal Discharging
TLK061	718	'5515427_/_5515477_1'	3.33	3.33	3.33	0.16	0.1	3.33	1.19 No	0.1	Element Fault
TLK061	719	'43729541_/_5512582'	3.33	3.33	3.33	0.16	0.3	3.33	1.19 No	0.16	Thermal Discharging
TLK061	720	'5510101_/_5514240'	3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16	Thermal Discharging
TLK061	721	'5510559_/_43728255'	3.33	3.33	3.33	0.16	0.1	3.33	1.19 No	0.1	Element Fault
TLK061	722	'5514509_/_5514507'	6.67	6.67	6.67	0.32	1.53	6.67	2.37 No	0.32	Thermal Discharging
TLK061	723	'5515341_/_5515338'	3.33	3.33	3.33	0.16	0.1	3.33	1.19 No	0.1	Element Fault
TLK061	724	'5515286_/_5515299'	3.33	3.33	3.33	0.16	0.1	3.33	1.19 No	0.1	Element Fault
TLK061	725	'5514200_/_5514198_1'	3.33	3.33	3.33	0.16	0.3	3.33	1.19 No	0.16	Thermal Discharging
TLK061	726	'43729653_/_5512952'	3.33	3.33	3.33	0.16	0.45	3.33	1.19 No	0.16	Thermal Discharging
TLK061	727	'5512834_/_5512832'	3.33	3.33	3.33	0.16	0.45	3.33	1.19 No	0.16	Thermal Discharging
TLK061	728	'5518998_/_5519008'	3.33	3.33	3.33	0.16	0.1	3.33	1.19 No	0.1	Element Fault
TLK061	729	'5512253_/_43728021'	3.33	3.33	3.33	0.16	0.3	3.33	1.19 No	0.16	Thermal Discharging
TLK061	730	'5512926_/_5512923'	3.33	3.33	3.33	0.16	0.45	3.33	1.19 No	0.16	Thermal Discharging
TLK061	731	'5515629_/_5515647'	6.67	6.67	6.67	0.32	0.2	6.67	2.37 No	0.2	Element Fault
TLK061	732	'5511763_/_5511760'	10	10	10	0.48	0.3	10	3.56 No	0.3	Element Fault
TLK061	733	'5515728_/_5515751'	3.33	3.33	3.33	0.16	0.1	3.33	1.19 No	0.1	Element Fault
TLK061	734	'43731018_/_43731020'	3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16	Thermal Discharging
TLK061	735	'452124828_/_5515405'	10	10	10	0.48	0.3	10	3.56 No	0.3	Element Fault
TLK061	736	'5512344_/_5512329'	3.33	3.33	3.33	0.16	0.3	3.33	1.19 No	0.16	Thermal Discharging
TLK061	737	'43727971_/_43727973'	3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16	Thermal Discharging
TLK061	738	'43729546_/_43729543'	3.33	3.33	3.33	0.16	0.3	3.33	1.19 No	0.16	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TLK061	739	'5540980_/_5540993'		3.33	3.33	3.33	0.16	0.3	3.33	1.19 No	0.16 Thermal Discharging
TLK061	740	'43731062_/_43731064'		3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16 Thermal Discharging
TLK061	741	'463632077_/_452124914_1'		10	10	10	0.48	0.3	10	3.56 No	0.3 Element Fault
TLK061	742	'43730248_/_5515477_2'		3.33	3.33	3.33	0.16	0.1	3.33	1.19 No	0.1 Element Fault
TLK061	743	'5510076_/_5510099'		3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16 Thermal Discharging
TLK061	744	'43731117_/_43731119'		3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16 Thermal Discharging
TLK061	745	'5541198_/_5541195'		3.33	3.33	3.33	0.16	0.1	3.33	1.19 No	0.1 Element Fault
TLK061	746	'5512955_/_43729655'		3.33	3.33	3.33	0.16	0.45	3.33	1.19 No	0.16 Thermal Discharging
TLK061	747	'43730926_/_43730928'		3.33	3.33	3.33	0.16	0.45	3.33	1.19 No	0.16 Thermal Discharging
TLK061	748	'5541683_/_5541681'		3.33	3.33	3.33	0.16	0.45	3.33	1.19 No	0.16 Thermal Discharging
TLK061	749	'5514123_/_5514198_2'		3.33	3.33	3.33	0.16	0.3	3.33	1.19 No	0.16 Thermal Discharging
TLK061	750	'5515547_/_43730274'		10	10	10	0.48	0.3	10	3.56 No	0.3 Element Fault
TLK061	751	'5512397_/_5512394'		3.33	3.33	3.33	0.16	0.3	3.33	1.19 No	0.16 Thermal Discharging
TLK061	752	'5515408_/_452124830'		10	10	10	0.48	0.3	10	3.56 No	0.3 Element Fault
TLK061	753	'5515273_/_5515283'		3.33	3.33	3.33	0.16	0.1	3.33	1.19 No	0.1 Element Fault
TLK061	754	'5512123_/_5512251'		3.33	3.33	3.33	0.16	0.3	3.33	1.19 No	0.16 Thermal Discharging
TLK061	755	'43729664_/_5512965'		3.33	3.33	3.33	0.16	0.45	3.33	1.19 No	0.16 Thermal Discharging
TLK061	756	'70249843_/_5519198_1'		10	10	10	0.48	0.3	10	3.56 No	0.3 Element Fault
TLK061	757	'5519201_/_5519198_2'		10	10	10	0.48	0.3	10	3.56 No	0.3 Element Fault
TLK061	758	'43729952_/_43729954'		6.67	6.67	6.67	0.32	1.53	6.67	2.37 No	0.32 Thermal Discharging
TLK061	759	'70249850_/_5519228_2'		3.33	3.33	3.33	0.16	0.1	3.33	1.19 No	0.1 Element Fault
TLK061	760	'43728164_/_43728166'		3.33	3.33	3.33	0.16	0.1	3.33	1.19 No	0.1 Element Fault
TLK061	761	'5518132_/_5543461'		3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16 Thermal Discharging
TLK061	762	'5512085_/_5512095'		3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16 Thermal Discharging
TLK061	763	'5515628_/_5515626'		6.67	6.67	6.67	0.32	0.2	6.67	2.37 No	0.2 Element Fault
TLK061	764	'5512345_/_5512342'		3.33	3.33	3.33	0.16	0.3	3.33	1.19 No	0.16 Thermal Discharging
TLK061	765	'5510063_/_5510073'		3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16 Thermal Discharging
TLK061	766	'5518265_/_5518275'		3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16 Thermal Discharging
TLK061	767	'5515272_/_5515270'		3.33	3.33	3.33	0.16	0.1	3.33	1.19 No	0.1 Element Fault
TLK061	768	'5515969_/_5515979_2'		3.33	3.33	3.33	0.16	0.1	3.33	1.19 No	0.1 Element Fault
TLK061	769	'5515727_/_5515725'		3.33	3.33	3.33	0.16	0.1	3.33	1.19 No	0.1 Element Fault
TLK061	770	'452124867_/_452124914_2'		10	10	10	0.48	0.3	10	3.56 No	0.3 Element Fault
TLK061	771	'5518433_/_5518431'		3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16 Thermal Discharging
TLK061	772	'5515440_/_43730250'		3.33	3.33	3.33	0.16	0.1	3.33	1.19 No	0.1 Element Fault
TLK061	773	'43729941_/_43729943'		3.33	3.33	3.33	0.16	0.3	3.33	1.19 No	0.16 Thermal Discharging
TLK061	774	'5512410_/_5512407'		3.33	3.33	3.33	0.16	0.3	3.33	1.19 No	0.16 Thermal Discharging
TLK061	775	'5512072_/_5512082'		3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16 Thermal Discharging
TLK061	776	'5514149_/_5514146'		3.33	3.33	3.33	0.16	0.3	3.33	1.19 No	0.16 Thermal Discharging
TLK061	777	'5512968_/_43729666'		3.33	3.33	3.33	0.16	0.45	3.33	1.19 No	0.16 Thermal Discharging
TLK061	778	'43732714_/_43732716'		3.33	3.33	3.33	0.16	0.3	3.33	1.19 No	0.16 Thermal Discharging
TLK061	779	'5515981_/_5515979_1'		3.33	3.33	3.33	0.16	0.1	3.33	1.19 No	0.1 Element Fault
TLK061	780	'5517899_/_5517909'		3.33	3.33	3.33	0.16	0.45	3.33	1.19 No	0.16 Thermal Discharging
TLK061	781	'5514480_/_5514492'		6.67	6.67	6.67	0.32	1.53	6.67	2.37 No	0.32 Thermal Discharging
TLK061	782	'90414060_/_5517002'		10	10	10	0.48	0.3	10	3.56 No	0.3 Element Fault
TLK061	783	'43728151_/_5541827'		10	10	10	0.48	0.3	10	3.56 No	0.3 Element Fault
TLK061	784	'5518252_/_5518262'		3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16 Thermal Discharging
TLK061	785	'5517005_/_5541534_1'		3.33	3.33	3.33	0.16	0.1	3.33	1.19 No	0.1 Element Fault
TLK061	786	'5532840_/_5541632'		10	10	10	0.48	0.3	10	3.56 No	0.3 Element Fault
TLK061	787	'5515877_/_5515874'		6.67	6.67	6.67	0.32	0.2	6.67	2.37 No	0.2 Element Fault
TLK061	788	'43727982_/_5512121'		3.33	3.33	3.33	0.16	0.3	3.33	1.19 No	0.16 Thermal Discharging
TLK061	789	'5512358_/_5512355'		3.33	3.33	3.33	0.16	0.3	3.33	1.19 No	0.16 Thermal Discharging
TLK061	790	'5518972_/_5518982'		3.33	3.33	3.33	0.16	0.1	3.33	1.19 No	0.1 Element Fault
TLK061	791	'5515780_/_5516891'		3.33	3.33	3.33	0.16	0.1	3.33	1.19 No	0.1 Element Fault
TLK061	792	'5518119_/_5518129'		3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16 Thermal Discharging
TLK061	793	'5512423_/_5512420'		3.33	3.33	3.33	0.16	0.3	3.33	1.19 No	0.16 Thermal Discharging
TLK061	794	'5514097_/_5514107'		3.33	3.33	3.33	0.16	0.3	3.33	1.19 No	0.16 Thermal Discharging
TLK061	795	'43731139_/_43731141'		3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16 Thermal Discharging
TLK061	796	'5532853_/_5532870'		10	10	10	0.48	0.3	10	3.56 No	0.3 Element Fault
TLK061	797	'5515943_/_5515940'		3.33	3.33	3.33	0.16	0.1	3.33	1.19 No	0.1 Element Fault
TLK061	798	'43729964_/_5514159'		3.33	3.33	3.33	0.16	0.3	3.33	1.19 No	0.16 Thermal Discharging
TLK061	799	'5515834_/_5515992'		3.33	3.33	3.33	0.16	0.1	3.33	1.19 No	0.1 Element Fault
TLK061	800	'5510062_/_5510060'		3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16 Thermal Discharging
TLK061	801	'5515441_/_5515438'		3.33	3.33	3.33	0.16	0.1	3.33	1.19 No	0.1 Element Fault
TLK061	802	'5515895_/_43730659'		6.67	6.67	6.67	0.32	0.2	6.67	2.37 No	0.2 Element Fault
TLK061	803	'43731051_/_43731053'		3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16 Thermal Discharging
TLK061	804	'5515563_/_5532887'		10	10	10	0.48	0.3	10	3.56 No	0.3 Element Fault
TLK061	805	'5519051_/_5519049'		3.33	3.33	3.33	0.16	0.1	3.33	1.19 No	0.1 Element Fault
TLK061	806	'5517886_/_5517896'		3.33	3.33	3.33	0.16	0.45	3.33	1.19 No	0.16 Thermal Discharging
TLK061	807	'5518959_/_5518969'		3.33	3.33	3.33	0.16	0.1	3.33	1.19 No	0.1 Element Fault
TLK061	808	'5514479_/_5514477'		6.67	6.67	6.67	0.32	1.53	6.67	2.37 No	0.32 Thermal Discharging
TLK061	809	'43727960_/_43727962'		3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16 Thermal Discharging
TLK061	810	'43729497_/_5512368'		3.33	3.33	3.33	0.16	0.3	3.33	1.19 No	0.16 Thermal Discharging
TLK061	811	'5515910_/_5515907'		6.67	6.67	6.67	0.32	0.2	6.67	2.37 No	0.2 Element Fault
TLK061	812	'5512137_/_5512134'		3.33	3.33	3.33	0.16	0.3	3.33	1.19 No	0.16 Thermal Discharging
TLK061	813	'5519498_/_43728153'		10	10	10	0.48	0.3	10	3.56 No	0.3 Element Fault
TLK061	814	'5516076_/_5532837'		3.33	3.33	3.33	0.16	0.1	3.33	1.19 No	0.1 Element Fault
TLK061	815	'5515779_/_5515777'		3.33	3.33	3.33	0.16	0.1	3.33	1.19 No	0.1 Element Fault
TLK061	816	'43730333_/_5515790'		3.33	3.33	3.33	0.16	0.1	3.33	1.19 No	0.1 Element Fault
TLK061	817	'5514084_/_5514094'		3.33	3.33	3.33	0.16	0.3	3.33	1.19 No	0.16 Thermal Discharging
TLK061	818	'5540979_/_5540977'		3.33	3.33	3.33	0.16	0.3	3.33	1.19 No	0.16 Thermal Discharging
TLK061	819	'43731007_/_43731009'		3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16 Thermal Discharging
TLK061	820	'5518421_/_5524967'		3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16 Thermal Discharging
TLK061	821	'5541536_/_5541534_2'		3.33	3.33	3.33	0.16	0.1	3.33	1.19 No	0.1 Element Fault
TLK061	822	'5515835_/_5515832'		3.33	3.33	3.33	0.16	0.1	3.33	1.19 No	0.1 Element Fault
TLK061	823	'5515956_/_5515953'		3.33	3.33	3.33	0.16	0.1	3.33	1.19 No	0.1 Element Fault
TLK061	824	'43730344_/_43730346'		3.33	3.33	3.33	0.16	0.1	3.33	1.19 No	0.1 Element Fault
TLK061	825	'5512439_/_43729499'		3.33	3.33	3.33	0.16	0.3	3.33	1.19 No	0.16 Thermal Discharging
TLK061	826	'5518226_/_5518236'		3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16 Thermal Discharging
TLK061	827	'5515564_/_5515561'		10	10	10	0.48	0.3	10	3.56 No	0.3 Element Fault
TLK061	828	'5514175_/_43729966'		3.33	3.33	3.33	0.16	0.3	3.33	1.19 No	0.16 Thermal Discharging
TLK061	829	'5519068_/_5519065'		3.33	3.33	3.33	0.16	0.1	3.33	1.19 No	0.1 Element Fault
TLK061	830	'5515454_/_5515451'		3.33	3.33	3.33	0.16	0.1	3.33	1.19 No	0.1 Element Fault
TLK061	831	'5512150_/_5512147'		3.33	3.33	3.33	0.16	0.3	3.33	1.19 No	0.16 Thermal Discharging
TLK061	832	'5518093_/_5518103'		3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TLK061	833	'5512058_/5512056'	3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16 Thermal Discharging	
TLK061	834	'5519481_/5519495'	10	10	10	0.48	0.3	10	3.56 No	0.3 Element Fault	
TLK061	835	'43730985_/43730987'	3.33	3.33	3.33	0.16	0.45	3.33	1.19 No	0.16 Thermal Discharging	
TLK061	836	'5516063_/5516073'	3.33	3.33	3.33	0.16	0.1	3.33	1.19 No	0.1 Element Fault	
TLK061	837	'5518408_/5518418'	3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16 Thermal Discharging	
TLK061	838	'43729930_/5514081'	3.33	3.33	3.33	0.16	0.3	3.33	1.19 No	0.16 Thermal Discharging	
TLK061	839	'43730285_/43730287'	10	10	10	0.48	0.3	10	3.56 No	0.3 Element Fault	
TLK061	840	'7404494_/7404492_1'	3.33	3.33	3.33	0.16	0.1	3.33	1.19 No	0.1 Element Fault	
TLK061	841	'5535782_/5535797'	3.6	6.67	6.67	0.32	1.53	6.67	2.37 No	0.32 Thermal Discharging	
TLK061	842	'5515864_/5515861'	3.33	3.33	3.33	0.16	0.1	3.33	1.19 No	0.1 Element Fault	
TLK061	843	'5515925_/5515922'	6.67	6.67	6.67	0.32	0.2	6.67	2.37 No	0.2 Element Fault	
TLK061	844	'43728198_/5518956'	3.33	3.33	3.33	0.16	0.1	3.33	1.19 No	0.1 Element Fault	
TLK061	845	'5515806_/5515819'	3.33	3.33	3.33	0.16	0.1	3.33	1.19 No	0.1 Element Fault	
TLK061	846	'5532926_/5541665'	3.33	3.33	3.33	0.16	0.1	3.33	1.19 No	0.1 Element Fault	
TLK061	847	'5509994_/5514185'	3.33	3.33	3.33	0.16	0.3	3.33	1.19 No	0.16 Thermal Discharging	
TLK061	848	'5541211_/5541208'	10	10	10	0.48	0.3	10	3.56 No	0.3 Element Fault	
TLK061	849	'5516854_/43730335'	3.33	3.33	3.33	0.16	0.1	3.33	1.19 No	0.1 Element Fault	
TLK061	850	'5512438_/5512436'	3.33	3.33	3.33	0.16	0.3	3.33	1.19 No	0.16 Thermal Discharging	
TLK061	851	'501634641_/501634638'	10	10	10	0.48	0.3	10	3.56 No	0.3 Element Fault	
TLK061	852	'5518077_/5518090'	3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16 Thermal Discharging	
TLK061	853	'641462012_/641461924_1'	10	10	10	0.48	0.3	10	3.56 No	0.3 Element Fault	
TLK061	854	'5517857_/5517870'	3.33	3.33	3.33	0.16	0.45	3.33	1.19 No	0.16 Thermal Discharging	
TLK061	855	'5519081_/5519078'	3.33	3.33	3.33	0.16	0.1	3.33	1.19 No	0.1 Element Fault	
TLK061	856	'5518210_/5518223'	3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16 Thermal Discharging	
TLK061	857	'43731106_/43731108'	3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16 Thermal Discharging	
TLK061	858	'5512163_/5512160'	3.33	3.33	3.33	0.16	0.3	3.33	1.19 No	0.16 Thermal Discharging	
TLK061	859	'7404495_/7404492_2'	3.33	3.33	3.33	0.16	0.1	3.33	1.19 No	0.1 Element Fault	
TLK061	860	'5524944_/5524954'	3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16 Thermal Discharging	
TLK061	861	'501634658_/501634655'	10	10	10	0.48	0.3	10	3.56 No	0.3 Element Fault	
TLK061	862	'5519464_/43728420'	10	10	10	0.48	0.3	10	3.56 No	0.3 Element Fault	
TLK061	863	'5516050_/5516060'	3.33	3.33	3.33	0.16	0.1	3.33	1.19 No	0.1 Element Fault	
TLK061	864	'5516855_/5516852'	3.33	3.33	3.33	0.16	0.1	3.33	1.19 No	0.1 Element Fault	
TLK061	865	'5516007_/5532936'	3.33	3.33	3.33	0.16	0.1	3.33	1.19 No	0.1 Element Fault	
TLK061	866	'5533727_/5543918'	3.33	3.33	3.33	0.16	0.1	3.33	1.19 No	0.1 Element Fault	
TLK061	867	'5509968_/5514133'	3.33	3.33	3.33	0.16	0.3	3.33	1.19 No	0.16 Thermal Discharging	
TLK061	868	'43730436_/5532949'	3.33	3.33	3.33	0.16	0.1	3.33	1.19 No	0.1 Element Fault	
TLK061	869	'5515805_/5515803'	3.33	3.33	3.33	0.16	0.1	3.33	1.19 No	0.1 Element Fault	
TLK061	870	'5512465_/5512462'	3.33	3.33	3.33	0.16	0.3	3.33	1.19 No	0.16 Thermal Discharging	
TLK061	871	'5533384_/5533397'	3.33	3.33	3.33	0.16	0.1	3.33	1.19 No	0.1 Element Fault	
TLK061	872	'5518209_/5518207'	3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16 Thermal Discharging	
TLK061	873	'5533756_/5541225'	10	10	10	0.48	0.3	10	3.56 No	0.3 Element Fault	
TLK061	874	'43730392_/5532923'	3.33	3.33	3.33	0.16	0.1	3.33	1.19 No	0.1 Element Fault	
TLK061	875	'5519444_/5519461'	10	10	10	0.48	0.3	10	3.56 No	0.3 Element Fault	
TLK061	876	'43727839_/5509992'	1.6	3.33	3.33	0.16	0.3	3.33	1.19 No	0.16 Thermal Discharging	
TLK061	877	'43728431_/43728433'	3.33	3.33	3.33	0.16	0.1	3.33	1.19 No	0.1 Element Fault	
TLK061	878	'5514711_/5535779'	2.67	6.67	6.67	0.32	1.53	6.67	2.37 No	0.32 Thermal Discharging	
TLK061	879	'5518076_/5518074'	3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16 Thermal Discharging	
TLK061	880	'43730425_/5541579'	3.33	3.33	3.33	0.16	0.1	3.33	1.19 No	0.1 Element Fault	
TLK061	881	'5517844_/5517854'	3.33	3.33	3.33	0.16	0.45	3.33	1.19 No	0.16 Thermal Discharging	
TLK061	882	'5512176_/5512173'	3.33	3.33	3.33	0.16	0.3	3.33	1.19 No	0.16 Thermal Discharging	
TLK061	883	'5518382_/5518392'	3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16 Thermal Discharging	
TLK061	884	'5532968_/43730438'	3.33	3.33	3.33	0.16	0.1	3.33	1.19 No	0.1 Element Fault	
TLK061	885	'5518933_/5518943'	3.33	3.33	3.33	0.16	0.1	3.33	1.19 No	0.1 Element Fault	
TLK061	886	'5535815_/5535825_1'	1.33	3.33	3.33	0.16	0.3	3.33	1.19 No	0.16 Thermal Discharging	
TLK061	887	'5516049_/5516047'	3.33	3.33	3.33	0.16	0.1	3.33	1.19 No	0.1 Element Fault	
TLK061	888	'5532852_/5532850'	10	10	10	0.48	0.3	10	3.56 No	0.3 Element Fault	
TLK061	889	'55693450_/5533410'	3.33	3.33	3.33	0.16	0.1	3.33	1.19 No	0.1 Element Fault	
TLK061	890	'5516868_/5516865'	3.33	3.33	3.33	0.16	0.1	3.33	1.19 No	0.1 Element Fault	
TLK061	891	'43735732_/43735734'	3.33	3.33	3.33	0.16	0.1	3.33	1.19 No	0.1 Element Fault	
TLK061	892	'5541569_/5541652'	3.33	3.33	3.33	0.16	0.1	3.33	1.19 No	0.1 Element Fault	
TLK061	893	'43727949_/43727951'	1.6	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16 Thermal Discharging	
TLK061	894	'5520884_/5520882'	3.33	3.33	3.33	0.16	0.1	3.33	1.19 No	0.1 Element Fault	
TLK061	895	'5533757_/5533754'	10	10	10	0.48	0.3	10	3.56 No	0.3 Element Fault	
TLK061	896	'5541582_/43730427'	3.33	3.33	3.33	0.16	0.1	3.33	1.19 No	0.1 Element Fault	
TLK061	897	'5514710_/5514708_2'	2.4	6.67	6.67	0.32	1.53	6.67	2.37 No	0.32 Thermal Discharging	
TLK061	898	'5509969_/5509966'	1.37	3.33	3.33	0.16	0.3	3.33	1.19 No	0.16 Thermal Discharging	
TLK061	899	'5536722_/5536719'	1.7	3.33	3.33	0.16	0.3	3.33	1.19 No	0.16 Thermal Discharging	
TLK061	900	'5533728_/5533725'	3.33	3.33	3.33	0.16	0.1	3.33	1.19 No	0.1 Element Fault	
TLK061	901	'5516906_/5541242'	10	10	10	0.48	0.3	10	3.56 No	0.3 Element Fault	
TLK061	902	'43729918_/5514708_1'	2.33	6.67	6.67	0.32	1	6.67	2.37 No	0.32 Thermal Discharging	
TLK061	903	'43730403_/5516005'	3.33	3.33	3.33	0.16	0.1	3.33	1.19 No	0.1 Element Fault	
TLK061	904	'43728231_/43728233'	3.33	3.33	3.33	0.16	0.1	3.33	1.19 No	0.1 Element Fault	
TLK061	905	'5514067_/5535825_2'	1.27	3.33	3.33	0.16	0.3	3.33	1.19 No	0.16 Thermal Discharging	
TLK061	906	'5519427_/5519441'	10	10	10	0.48	0.3	10	3.56 No	0.3 Element Fault	
TLK061	907	'55693449_/55693428'	3.33	3.33	3.33	0.16	0.1	3.33	1.19 No	0.1 Element Fault	
TLK061	908	'5541553_/5541566'	3.33	3.33	3.33	0.16	0.1	3.33	1.19 No	0.1 Element Fault	
TLK061	909	'5541265_/5541262'	10	10	10	0.48	0.3	10	3.56 No	0.3 Element Fault	
TLK061	910	'110294449_/5512186'	1.43	3.33	3.33	0.16	0.3	3.33	1.19 No	0.16 Thermal Discharging	
TLK061	911	'641461908_/641461924_2'	10	10	10	0.48	0.3	10	3.56 No	0.3 Element Fault	
TLK061	912	'5518381_/5518379'	3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16 Thermal Discharging	
TLK061	913	'5518932_/5518930'	3.33	3.33	3.33	0.16	0.1	3.33	1.19 No	0.1 Element Fault	
TLK061	914	'43730915_/43730917'	3.33	3.33	3.33	0.16	0.45	3.33	1.19 No	0.16 Thermal Discharging	
TLK061	915	'5514068_/5514065'	1.17	3.33	3.33	0.16	0.3	3.33	1.19 No	0.16 Thermal Discharging	
TLK061	916	'43730996_/43730998'	3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16 Thermal Discharging	
TLK061	917	'110294472_/110294431_1'	1	3.33	3.33	0.16	0.3	3.33	1.19 No	0.16 Thermal Discharging	
TLK061	918	'5519093_/5533423'	3.33	3.33	3.33	0.16	0.1	3.33	1.19 No	0.1 Element Fault	
TLK061	919	'5512043_/5524928'	1.3	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16 Thermal Discharging	
TLK061	920	'5510024_/43727841'	1.2	3.33	3.33	0.16	0.3	3.33	1.19 No	0.16 Thermal Discharging	
TLK061	921	'5525393_/5525390'	3.33	3.33	3.33	0.16	0.1	3.33	1.19 No	0.1 Element Fault	
TLK061	922	'5516021_/5516018'	3.33	3.33	3.33	0.16	0.1	3.33	1.19 No	0.1 Element Fault	
TLK061	923	'5543933_/5543931'	3.33	3.33	3.33	0.16	0.1	3.33	1.19 No	0.1 Element Fault	
TLK061	924	'5541552_/43730383'	3.33	3.33	3.33	0.16	0.1	3.33	1.19 No	0.1 Element Fault	
TLK061	925	'43731532_/5536946'	3.33	3.33	3.33	0.16	0.1	3.33	1.19 No	0.1 Element Fault	
TLK061	926	'5515027_/5515039'	2.07	6.67	6.67	0.32	1	6.67	2.37 No	0.32 Thermal Discharging	

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TLK061	927	'43729508_/_5536732'	1.27	3.33	3.33	0.16	0.3	3.33	1.19 No	0.16	Thermal Discharging
TLK061	928	'5524836_/_5524847'	3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16	Thermal Discharging
TLK061	929	'43732214_/_5533738'	3.33	3.33	3.33	0.16	0.1	3.33	1.19 No	0.1	Element Fault
TLK061	930	'5516907_/_5516904'	10	10	10	0.48	0.3	10	3.56 No	0.3	Element Fault
TLK061	931	'5516034_/_5516031'	3.33	3.33	3.33	0.16	0.1	3.33	1.19 No	0.1	Element Fault
TLK061	932	'5536936_/_5536933_1'	3.33	3.33	3.33	0.16	0.1	3.33	1.19 No	0.1	Element Fault
TLK061	933	'5519410_/_5519424'	10	10	10	0.48	0.3	10	3.56 No	0.3	Element Fault
TLK061	934	'43727817_/_5509979'	1.13	3.33	3.33	0.16	0.3	3.33	1.19 No	0.16	Thermal Discharging
TLK061	935	'5533383_/_5533381'	3.33	3.33	3.33	0.16	0.1	3.33	1.19 No	0.1	Element Fault
TLK061	936	'43727938_/_43727940'	1.2	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16	Thermal Discharging
TLK061	937	'5540770_/_5540767'	1.07	3.33	3.33	0.16	0.3	3.33	1.19 No	0.16	Thermal Discharging
TLK061	938	'43732304_/_5541302'	10	10	10	0.48	0.3	10	3.56 No	0.3	Element Fault
TLK061	939	'5536923_/_5536933_1'	3.33	3.33	3.33	0.16	0.1	3.33	1.19 No	0.1	Element Fault
TLK061	940	'43728242_/_5519091'	3.33	3.33	3.33	0.16	0.1	3.33	1.19 No	0.1	Element Fault
TLK061	941	'5512042_/_5512040'	1.13	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16	Thermal Discharging
TLK061	942	'5517843_/_5517841'	3.33	3.33	3.33	0.16	0.45	3.33	1.19 No	0.16	Thermal Discharging
TLK061	943	'5512478_/_5512475'	1.13	3.33	3.33	0.16	0.3	3.33	1.19 No	0.16	Thermal Discharging
TLK061	944	'5519393_/_5519407'	10	10	10	0.48	0.3	10	3.56 No	0.3	Element Fault
TLK061	945	'5541879_/_5541877'	3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16	Thermal Discharging
TLK061	946	'43727828_/_5510021'	1.03	3.33	3.33	0.16	0.3	3.33	1.19 No	0.16	Thermal Discharging
TLK061	947	'5514728_/_5515024'	1.8	6.67	6.67	0.32	1	6.67	2.37 No	0.32	Thermal Discharging
TLK061	948	'5516924_/_5516921'	10	10	10	0.48	0.3	10	3.56 No	0.3	Element Fault
TLK061	949	'5533741_/_43732216'	3.33	3.33	3.33	0.16	0.1	3.33	1.19 No	0.1	Element Fault
TLK061	950	'7718068_/_7718066_1'	10	10	10	0.48	0.3	10	3.56 No	0.3	Element Fault
TLK061	951	'43734079_/_5524834'	3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16	Thermal Discharging
TLK061	952	'5541284_/_43732306'	10	10	10	0.48	0.3	10	3.56 No	0.3	Element Fault
TLK061	953	'5510347_/_5510345_1'	0.9	3.33	3.33	0.16	0.1	3.33	1.19 No	0.1	Element Fault
TLK061	954	'7404875_/_8041282_1'	10	10	10	0.48	0.3	10	3.56 No	0.3	Element Fault
TLK061	955	'43731521_/_43731523'	3.33	3.33	3.33	0.16	0.1	3.33	1.19 No	0.1	Element Fault
TLK061	956	'5509982_/_43727819'	0.97	3.33	3.33	0.16	0.3	3.33	1.19 No	0.16	Thermal Discharging
TLK061	957	'44495553_/_8041282_2'	10	10	10	0.48	0.3	10	3.56 No	0.3	Element Fault
TLK061	958	'5510348_/_5510345_2'	0.93	3.33	3.33	0.16	0.1	3.33	1.19 No	0.1	Element Fault
TLK061	959	'7718069_/_7718066_2'	10	10	10	0.48	0.3	10	3.56 No	0.3	Element Fault
TLK061	960	'5519107_/_43728244'	3.33	3.33	3.33	0.16	0.1	3.33	1.19 No	0.1	Element Fault
TLK061	961	'5512189_/_5512488'	1.03	3.33	3.33	0.16	0.3	3.33	1.19 No	0.16	Thermal Discharging
TLK061	962	'43728405_/_43728407'	10	10	10	0.48	0.3	10	3.56 No	0.3	Element Fault
TLK061	963	'5516941_/_5516938'	10	10	10	0.48	0.3	10	3.56 No	0.3	Element Fault
TLK061	964	'43735710_/_43735712'	3.33	3.33	3.33	0.16	0.1	3.33	1.19 No	0.1	Element Fault
TLK061	965	'43731150_/_43731152'	0.93	3.33	3.33	0.16	0.3	3.33	1.19 No	0.16	Thermal Discharging
TLK061	966	'5514997_/_5515009'	1.67	6.67	6.67	0.32	1	6.67	2.37 No	0.32	Thermal Discharging
TLK061	967	'5519120_/_5519117'	3.33	3.33	3.33	0.16	0.1	3.33	1.19 No	0.1	Element Fault
TLK061	968	'5524837_/_43734081'	3.33	3.33	3.33	0.16	0.4	3.33	1.19 No	0.16	Thermal Discharging
TLK061	969	'43730031_/_5514742'	0.87	3.33	3.33	0.16	0.1	3.33	1.19 No	0.1	Element Fault
TLK061	970	'43731282_/_5541282'	10	10	10	0.48	0.3	10	3.56 No	0.3	Element Fault
TLK061	971	'5519376_/_5540882'	10	10	10	0.48	0.3	10	3.56 No	0.3	Element Fault
TLK061	972	'7404834_/_119034211_1'	10	10	10	0.48	0.3	10	3.56 No	0.3	Element Fault
TLK061	973	'43735699_/_43735701'	3.33	3.33	3.33	0.16	0.1	3.33	1.19 No	0.1	Element Fault
TLK061	974	'5516958_/_5516955'	10	10	10	0.48	0.3	10	3.56 No	0.3	Element Fault
TLK061	975	'8662373_/_8662371_1'	10	10	10	0.48	0.3	10	3.56 No	0.3	Element Fault
TLK061	976	'5514982_/_5514994'	1.53	6.67	6.67	0.32	1	6.67	2.37 No	0.32	Thermal Discharging
TLK061	977	'5510008_/_5524993'	0.83	3.33	3.33	0.16	0.3	3.33	1.19 No	0.16	Thermal Discharging
TLK061	978	'5516975_/_5516972'	10	10	10	0.48	0.3	10	3.56 No	0.3	Element Fault
TLK061	979	'5536893_/_5536891'	3.33	3.33	3.33	0.16	0.1	3.33	1.19 No	0.1	Element Fault
TLK061	980	'5519375_/_5519373'	10	10	10	0.48	0.3	10	3.56 No	0.3	Element Fault
TLK061	981	'8041001_/_239773111_1'	10	10	10	0.48	0.3	10	3.56 No	0.3	Element Fault
TLK061	982	'239773106_/_239773111_2'	4.6	10	10	0.48	0.3	10	3.56 No	0.3	Element Fault
TLK061	983	'251757850_/_251757869'	4.6	10	10	0.48	0.3	10	3.56 No	0.3	Element Fault
TLK061	984	'5510007_/_5510005'	0.8	3.33	3.33	0.16	0.3	3.33	1.19 No	0.16	Thermal Discharging
TLK061	985	'5541285_/_43731284'	10	10	10	0.48	0.3	10	3.56 No	0.3	Element Fault
TLK061	986	'5510279_/_43730033'	0.8	3.33	3.33	0.16	0.1	3.33	1.19 No	0.1	Element Fault
TLK061	987	'5514967_/_5514979'	1.47	6.67	6.67	0.32	1	6.67	2.37 No	0.32	Thermal Discharging
TLK061	988	'5510373_/_5510371_1'	0.73	3.33	3.33	0.16	0.1	3.33	1.19 No	0.1	Element Fault
TLK061	989	'5510374_/_5510371_2'	0.7	3.33	3.33	0.16	0.1	3.33	1.19 No	0.1	Element Fault
TLK061	990	'491191467_/_5510047'	0.77	3.33	3.33	0.16	0.3	3.33	1.19 No	0.16	Thermal Discharging
TLK061	991	'8662374_/_8662371_2'	10	10	10	0.48	0.3	10	3.56 No	0.3	Element Fault
TLK061	992	'5519361_/_5520332'	2.47	6.67	6.67	0.32	0.2	6.67	2.37 No	0.2	Element Fault
TLK061	993	'5514952_/_5514964'	1.33	6.67	6.67	0.32	1	6.67	2.37 No	0.32	Thermal Discharging
TLK061	994	'119034205_/_119034211_2'	3.4	10	10	0.48	0.3	10	3.56 No	0.3	Element Fault
TLK061	995	'5510280_/_5510277'	0.73	3.33	3.33	0.16	0.1	3.33	1.19 No	0.1	Element Fault
TLK061	996	'43730064_/_5510387'	0.67	3.33	3.33	0.16	0.1	3.33	1.19 No	0.1	Element Fault
TLK061	997	'5519292_/_5519358'	2.27	6.67	6.67	0.32	0.2	6.67	2.37 No	0.2	Element Fault
TLK061	998	'545385134_/_119034243'	3.2	10	10	0.48	0.3	10	3.56 No	0.3	Element Fault
TLK061	999	'5520321_/_5520319'	1.27	3.33	3.33	0.16	0.1	3.33	1.19 No	0.1	Element Fault
TLK061	1000	'5514937_/_5514949'	1.27	6.67	6.67	0.32	1	6.67	2.37 No	0.32	Thermal Discharging
TLK061	1001	'545385152_/_545385182'	3.1	10	10	0.48	0.3	10	3.56 No	0.3	Element Fault
TLK061	1002	'5510403_/_43730066'	0.63	3.33	3.33	0.16	0.1	3.33	1.19 No	0.1	Element Fault
TLK061	1003	'5510293_/_5510290'	0.67	3.33	3.33	0.16	0.1	3.33	1.19 No	0.1	Element Fault
TLK061	1004	'5510416_/_5510413'	0.6	3.33	3.33	0.16	0.1	3.33	1.19 No	0.1	Element Fault
TLK061	1005	'43728391_/_43728393'	1.93	6.67	6.67	0.32	0.2	6.67	2.37 No	0.2	Element Fault
TLK061	1006	'5514922_/_5514934'	1.2	6.67	6.67	0.32	1	6.67	2.37 No	0.32	Thermal Discharging
TLK061	1007	'5514757_/_5514755_1'	0.6	3.33	3.33	0.16	0.1	3.33	1.19 No	0.1	Element Fault
TLK061	1008	'5510309_/_5510306'	0.63	3.33	3.33	0.16	0.1	3.33	1.19 No	0.1	Element Fault
TLK061	1009	'5514758_/_5514755_2'	0.6	3.33	3.33	0.16	0.1	3.33	1.19 No	0.1	Element Fault
TLK061	1010	'43728379_/_5519289'	1.8	6.67	6.67	0.32	0.2	6.67	2.37 No	0.2	Element Fault
TLK061	1011	'43730075_/_5510426'	0.6	3.33	3.33	0.16	0.1	3.33	1.19 No	0.1	Element Fault
TLK061	1012	'43730042_/_5540702'	0.63	3.33	3.33	0.16	0.1	3.33	1.19 No	0.1	Element Fault
TLK061	1013	'5514907_/_5514919'	1.13	6.67	6.67	0.32	1	6.67	2.37 No	0.32	Thermal Discharging
TLK061	1014	'43730097_/_5514771'	0.6	3.33	3.33	0.16	0.1	3.33	1.19 No	0.1	Element Fault
TLK061	1015	'43728367_/_5519274'	1.73	6.67	6.67	0.32	0.2	6.67	2.37 No	0.2	Element Fault
TLK061	1016	'5510442_/_43730077'	0.57	3.33	3.33	0.16	0.1	3.33	1.19 No	0.1	Element Fault
TLK061	1017	'5510321_/_43730044'	0.6	3.33	3.33	0.16	0.1	3.33	1.19 No	0.1	Element Fault
TLK061	1018	'5514906_/_5514904'	1.07	6.67	6.67	0.32	1	6.67	2.37 No	0.32	Thermal Discharging
TLK061	1019	'5514787_/_43730099'	0.57	3.33	3.33	0.16	0.1	3.33	1.19 No	0.1	Element Fault
TLK061	1020	'43728355_/_43728357'	1.6	6.67	6.67	0.32	0.2	6.67	2.37 No	0.2	Element Fault

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TLK061	1021	'5510455_/_5510452'		0.53	3.33	3.33	0.16	0.1	3.33	1.19 No	0.1 Element Fault
TLK061	1022	'5516808_/_5517053'		1.07	6.67	6.67	0.32	1	6.67	2.37 No	0.32 Thermal Discharging
TLK061	1023	'5514800_/_5514797'		0.57	3.33	3.33	0.16	0.1	3.33	1.19 No	0.1 Element Fault
TLK061	1024	'5510322_/_5510319'		0.57	3.33	3.33	0.16	0.1	3.33	1.19 No	0.1 Element Fault
TLK061	1025	'86404325_/_5517071_2'		0.53	3.33	3.33	0.16	0.5	3.33	1.19 No	0.16 Thermal Discharging
TLK061	1026	'5516111_/_5516109_1'		0.53	3.33	3.33	0.16	0.1	3.33	1.19 No	0.1 Element Fault
TLK061	1027	'43730086_/_5510465'		0.53	3.33	3.33	0.16	0.1	3.33	1.19 No	0.1 Element Fault
TLK061	1028	'5516112_/_5516109_2'		0.53	3.33	3.33	0.16	0.1	3.33	1.19 No	0.1 Element Fault
TLK061	1029	'69700200_/_460673321'		1.47	6.67	6.67	0.32	0.2	6.67	2.37 No	0.2 Element Fault
TLK061	1030	'64556050_/_50452659_1'		0.73	3.33	3.33	0.16	0.1	3.33	1.19 No	0.1 Element Fault
TLK061	1031	'43730108_/_5525377'		0.53	3.33	3.33	0.16	0.1	3.33	1.19 No	0.1 Element Fault
TLK061	1032	'52152906_/_5510825'		1.47	6.67	6.67	0.32	0.2	6.67	2.37 No	0.2 Element Fault
TLK061	1033	'43730053_/_5540715'		0.53	3.33	3.33	0.16	0.1	3.33	1.19 No	0.1 Element Fault
TLK061	1034	'5517040_/_5517071_1'		0.5	3.33	3.33	0.16	0.3	3.33	1.19 No	0.16 Thermal Discharging
TLK061	1035	'7158537_/_52152903_1'		0.7	3.33	3.33	0.16	0.1	3.33	1.19 No	0.1 Element Fault
TLK061	1036	'43730503_/_5516122'		0.53	3.33	3.33	0.16	0.1	3.33	1.19 No	0.1 Element Fault
TLK061	1037	'5510480_/_43730088'		0.5	3.33	3.33	0.16	0.1	3.33	1.19 No	0.1 Element Fault
TLK061	1038	'5541817_/_52152903_2'		0.7	3.33	3.33	0.16	0.1	3.33	1.19 No	0.1 Element Fault
TLK061	1039	'5514813_/_43730110'		0.5	3.33	3.33	0.16	0.1	3.33	1.19 No	0.1 Element Fault
TLK061	1040	'5540743_/_43730055'		0.5	3.33	3.33	0.16	0.1	3.33	1.19 No	0.1 Element Fault
TLK061	1041	'43730492_/_43730505'		0.5	3.33	3.33	0.16	0.1	3.33	1.19 No	0.1 Element Fault
TLK061	1042	'50452652_/_50452659_2'		0.67	3.33	3.33	0.16	0.1	3.33	1.19 No	0.1 Element Fault
TLK061	1043	'5519848_/_7158563'		1.33	6.67	6.67	0.32	0.2	6.67	2.37 No	0.2 Element Fault
TLK061	1044	'5510481_/_5510478'		0.47	3.33	3.33	0.16	0.1	3.33	1.19 No	0.1 Element Fault
TLK061	1045	'5516550_/_5517037'		0.47	3.33	3.33	0.16	0.3	3.33	1.19 No	0.16 Thermal Discharging
TLK061	1046	'5540744_/_5540741'		0.5	3.33	3.33	0.16	0.1	3.33	1.19 No	0.1 Element Fault
TLK061	1047	'5514826_/_5514823'		0.5	3.33	3.33	0.16	0.1	3.33	1.19 No	0.1 Element Fault
TLK061	1048	'5516151_/_5516148'		0.5	3.33	3.33	0.16	0.1	3.33	1.19 No	0.1 Element Fault
TLK061	1049	'5510493_/_5510504'		0.47	3.33	3.33	0.16	0.1	3.33	1.19 No	0.1 Element Fault
TLK061	1050	'43728730_/_43728732'		0.63	3.33	3.33	0.16	0.1	3.33	1.19 No	0.1 Element Fault
TLK061	1051	'43728541_/_5519846'		1.27	6.67	6.67	0.32	0.2	6.67	2.37 No	0.2 Element Fault
TLK061	1052	'5514839_/_5514836'		0.47	3.33	3.33	0.16	0.1	3.33	1.19 No	0.1 Element Fault
TLK061	1053	'43730481_/_5516161'		0.47	3.33	3.33	0.16	0.1	3.33	1.19 No	0.1 Element Fault
TLK061	1054	'43730558_/_43730560'		0.43	3.33	3.33	0.16	0.3	3.33	1.19 No	0.16 Thermal Discharging
TLK061	1055	'5510494_/_5510491'		0.43	3.33	3.33	0.16	0.1	3.33	1.19 No	0.1 Element Fault
TLK061	1056	'5520600_/_5520610'		0.6	3.33	3.33	0.16	0.1	3.33	1.19 No	0.1 Element Fault
TLK061	1057	'50452345_/_50452670'		0.6	3.33	3.33	0.16	0.1	3.33	1.19 No	0.1 Element Fault
TLK061	1058	'43730119_/_5514849'		0.47	3.33	3.33	0.16	0.1	3.33	1.19 No	0.1 Element Fault
TLK061	1059	'5519867_/_5519864'		1.2	6.67	6.67	0.32	0.2	6.67	2.37 No	0.2 Element Fault
TLK061	1060	'5516177_/_43730483'		0.47	3.33	3.33	0.16	0.1	3.33	1.19 No	0.1 Element Fault
TLK061	1061	'5516524_/_5516534'		0.43	3.33	3.33	0.16	0.3	3.33	1.19 No	0.16 Thermal Discharging
TLK061	1062	'5520587_/_5520597'		0.6	3.33	3.33	0.16	0.1	3.33	1.19 No	0.1 Element Fault
TLK061	1063	'69700192_/_5519879'		1.13	6.67	6.67	0.32	0.2	6.67	2.37 No	0.2 Element Fault
TLK061	1064	'5514865_/_43730121'		0.43	3.33	3.33	0.16	0.1	3.33	1.19 No	0.1 Element Fault
TLK061	1065	'87989638_/_53052980_2'		0.57	3.33	3.33	0.16	0.1	3.33	1.19 No	0.1 Element Fault
TLK061	1066	'53053042_/_53052980_1'		0.57	3.33	3.33	0.16	0.1	3.33	1.19 No	0.1 Element Fault
TLK061	1067	'5516190_/_5516187'		0.43	3.33	3.33	0.16	0.1	3.33	1.19 No	0.1 Element Fault
TLK061	1068	'87989591_/_96469306_1'		0.57	3.33	3.33	0.16	0.1	3.32	1.19 No	0.1 Element Fault
TLK061	1069	'5516511_/_5516521'		0.4	3.33	3.33	0.16	0.3	3.33	1.19 No	0.16 Thermal Discharging
TLK061	1070	'5514878_/_5514875'		0.43	3.33	3.33	0.16	0.1	3.33	1.19 No	0.1 Element Fault
TLK061	1071	'96469381_/_96469306_2'		0.57	3.33	3.33	0.16	0.1	3.29	1.19 No	0.1 Element Fault
TLK061	1072	'5519897_/_5519894'		1.13	6.67	6.67	0.32	0.2	6.58	2.37 No	0.2 Element Fault
TLK061	1073	'50452368_/_50452375'		0.57	3.33	3.33	0.16	0.1	3.29	1.19 No	0.1 Element Fault
TLK061	1074	'7802727_/_7802725_1'		0.57	3.33	3.33	0.16	0.1	3.28	1.19 No	0.1 Element Fault
TLK061	1075	'5520586_/_5520584'		0.57	3.33	3.33	0.16	0.1	3.27	1.19 No	0.1 Element Fault
TLK061	1076	'96469327_/_96469385'		0.57	3.33	3.33	0.16	0.1	3.27	1.19 No	0.1 Element Fault
TLK061	1077	'43730470_/_5516200'		0.43	3.33	3.33	0.16	0.1	3.31	1.19 No	0.1 Element Fault
TLK061	1078	'5514891_/_5514888'		0.43	3.33	3.33	0.16	0.1	3.31	1.19 No	0.1 Element Fault
TLK061	1079	'43730547_/_5516508'		0.4	3.33	3.33	0.16	0.3	3.3	1.19 No	0.16 Thermal Discharging
TLK061	1080	'70253849_/_5519912'		1.07	6.67	6.67	0.32	0.2	6.49	2.37 No	0.2 Element Fault
TLK061	1081	'34548557_/_7802725_2'		0.57	3.33	3.33	0.16	0.1	3.24	1.19 No	0.1 Element Fault
TLK061	1082	'96469756_/_96469331'		0.6	3.33	3.33	0.16	0.1	3.21	1.19 No	0.1 Element Fault
TLK061	1083	'5516216_/_5516213'		0.4	3.33	3.33	0.16	0.1	3.25	1.19 No	0.1 Element Fault
TLK061	1084	'5528559_/_5528557'		0.53	3.33	3.33	0.16	0.1	3.19	1.19 No	0.1 Element Fault
TLK061	1085	'50674104_/_5528573_2'		0.53	3.33	3.33	0.16	0.1	3.17	1.19 No	0.1 Element Fault
TLK061	1086	'5516485_/_5516495'		0.4	3.33	3.33	0.16	0.3	3.22	1.19 No	0.16 Thermal Discharging
TLK061	1087	'38140729_/_44081548'		0.57	3.33	3.33	0.16	0.1	3.15	1.19 No	0.1 Element Fault
TLK061	1088	'5545325_/_5545323'		0.5	3.33	3.33	0.16	0.1	3.14	1.19 No	0.1 Element Fault
TLK061	1089	'70253140_/_96469761'		0.57	3.33	3.33	0.16	0.1	3.14	1.19 No	0.1 Element Fault
TLK061	1090	'5516229_/_5516226'		0.4	3.33	3.33	0.16	0.1	3.19	1.19 No	0.1 Element Fault
TLK061	1091	'5516404_/_5516482'		0.37	3.33	3.33	0.16	0.3	3.16	1.19 No	0.16 Thermal Discharging
TLK061	1092	'5520680_/_5528573_1'		0.5	3.33	3.33	0.16	0.1	3.11	1.19 No	0.1 Element Fault
TLK061	1093	'36408898_/_44088507'		0.57	3.33	3.33	0.16	0.1	3.11	1.19 No	0.1 Element Fault
TLK061	1094	'54297851_/_55534889'		0.57	3.33	3.33	0.16	0.1	3.1	1.19 No	0.1 Element Fault
TLK061	1095	'5544506_/_5545336'		0.5	3.33	3.33	0.16	0.1	3.1	1.19 No	0.1 Element Fault
TLK061	1096	'43730459_/_5516239'		0.4	3.33	3.33	0.16	0.1	3.14	1.19 No	0.1 Element Fault
TLK061	1097	'55766652_/_5520678'		0.5	3.33	3.33	0.16	0.1	3.07	1.19 No	0.1 Element Fault
TLK061	1098	'43730514_/_5516469'		0.37	3.33	3.33	0.16	0.3	3.11	1.19 No	0.16 Thermal Discharging
TLK061	1099	'58424394_/_55534834'		0.53	3.33	3.33	0.16	0.1	3.06	1.19 No	0.1 Element Fault
TLK061	1100	'5516391_/_5516401'		0.37	3.33	3.33	0.16	0.3	3.1	1.19 No	0.16 Thermal Discharging
TLK061	1101	'43730464_/_43730461'		0.37	3.33	3.33	0.16	0.1	3.08	1.19 No	0.1 Element Fault
TLK061	1102	'43735858_/_43735860'		0.47	3.33	3.33	0.16	0.1	3.03	1.19 No	0.1 Element Fault
TLK061	1103	'58424352_/_58424448'		0.53	3.33	3.33	0.16	0.1	3.03	1.19 No	0.1 Element Fault
TLK061	1104	'5516446_/_5516456'		0.37	3.33	3.33	0.16	0.3	3.06	1.19 No	0.16 Thermal Discharging
TLK061	1105	'7802728_/_44085317'		0.53	3.33	3.33	0.16	0.1	3.01	1.19 No	0.1 Element Fault
TLK061	1106	'5516378_/_5516388'		0.33	3.33	3.33	0.16	0.3	3.05	1.19 No	0.16 Thermal Discharging
TLK061	1107	'5520723_/_55766631'		0.47	3.33	3.33	0.16	0.1	2.99	1.19 No	0.1 Element Fault
TLK061	1108	'5520574_/_5544490'		0.47	3.33	3.33	0.16	0.1	2.99	1.19 No	0.1 Element Fault
TLK061	1109	'43730525_/_43730527'		0.33	3.33	3.33	0.16	0.3	3.02	1.19 No	0.16 Thermal Discharging
TLK061	1110	'5516365_/_5516375'		0.33	3.33	3.33	0.16	0.3	3	1.19 No	0.16 Thermal Discharging
TLK061	1111	'5520561_/_5520571'		0.43	3.33	3.33	0.16	0.1	2.94	1.19 No	0.1 Element Fault
TLK061	1112	'5516563_/_5516560'		0.33	3.33	3.33	0.16	0.3	2.98	1.19 No	0.16 Thermal Discharging
TLK061	1113	'43730536_/_5516443'		0.33	3.33	3.33	0.16	0.3	2.98	1.19 No	0.16 Thermal Discharging
TLK061	1114	'43730591_/_5516576'		0.33	3.33	3.33	0.16	0.3	2.95	1.19 No	0.16 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TLK061	1115	'5520548_/_5520558'		0.43	3.33	3.33	0.16	0.1	2.9	1.19 No	0.1 Element Fault
TLK061	1116	'5516352_/_5516362'		0.33	3.33	3.33	0.16	0.3	2.94	1.19 No	0.16 Thermal Discharging
TLK061	1117	'5516417_/_5516427'		0.33	3.33	3.33	0.16	0.3	2.92	1.19 No	0.16 Thermal Discharging
TLK061	1118	'5516592_/_43730593'		0.33	3.33	3.33	0.16	0.3	2.9	1.19 No	0.16 Thermal Discharging
TLK061	1119	'5520535_/_5520545'		0.43	3.33	3.33	0.16	0.1	2.86	1.19 No	0.1 Element Fault
TLK061	1120	'50674076_/_5520623_1'		0.43	3.33	3.33	0.16	0.1	2.85	1.19 No	0.1 Element Fault
TLK061	1121	'5516339_/_5516349'		0.33	3.27	3.33	0.16	0.3	2.89	1.19 No	0.16 Thermal Discharging
TLK061	1122	'5516416_/_5516414'		0.3	3.23	3.33	0.16	0.3	2.87	1.19 No	0.16 Thermal Discharging
TLK061	1123	'5516605_/_5516602'		0.3	3.23	3.33	0.16	0.3	2.86	1.19 No	0.16 Thermal Discharging
TLK061	1124	'5520626_/_5520623_2'		0.4	3.33	3.33	0.16	0.1	2.81	1.19 No	0.1 Element Fault
TLK061	1125	'5520534_/_43728710'		0.4	3.33	3.33	0.16	0.1	2.81	1.19 No	0.1 Element Fault
TLK061	1126	'5516326_/_5516336'		0.3	3.17	3.33	0.16	0.3	2.83	1.19 No	0.16 Thermal Discharging
TLK061	1127	'5516686_/_5516683'		0.3	3.13	3.33	0.16	0.3	2.82	1.19 No	0.16 Thermal Discharging
TLK061	1128	'43730580_/_5516615'		0.3	3.13	3.33	0.16	0.3	2.82	1.19 No	0.16 Thermal Discharging
TLK061	1129	'5520639_/_5520636'		0.4	3.33	3.33	0.16	0.1	2.78	1.19 No	0.1 Element Fault
TLK061	1130	'43730646_/_5516699'		0.3	3.03	3.33	0.16	0.3	2.78	1.19 No	0.16 Thermal Discharging
TLK061	1131	'5516325_/_5516323'		0.3	3	3.33	0.16	0.3	2.77	1.19 No	0.16 Thermal Discharging
TLK061	1132	'5520667_/_5520665'		0.4	3.33	3.33	0.16	0.1	2.73	1.19 No	0.1 Element Fault
TLK061	1133	'5516631_/_43730582'		0.3	3	3.33	0.16	0.3	2.77	1.19 No	0.16 Thermal Discharging
TLK061	1134	'5520655_/_5520652'		0.4	3.33	3.33	0.16	0.1	2.73	1.19 No	0.1 Element Fault
TLK061	1135	'5516715_/_5516712'		0.3	2.93	3.33	0.16	0.3	2.74	1.19 No	0.16 Thermal Discharging
TLK061	1136	'5516644_/_5516641'		0.3	2.93	3.33	0.16	0.3	2.73	1.19 No	0.16 Thermal Discharging
TLK061	1137	'5086974_/_7089831'		0.3	2.87	3.33	0.16	0.3	2.71	1.19 No	0.16 Thermal Discharging
TLK061	1138	'43903148_/_7098300'		0.37	3.33	3.33	0.16	0.1	2.67	1.19 No	0.1 Element Fault
TLK061	1139	'43730569_/_5516654'		0.3	2.9	3.33	0.16	0.3	2.71	1.19 No	0.16 Thermal Discharging
TLK061	1140	'5516728_/_5516725'		0.3	2.87	3.33	0.16	0.3	2.7	1.19 No	0.16 Thermal Discharging
TLK061	1141	'6362409_/_6362406'		0.37	3.33	3.33	0.16	0.1	2.65	1.19 No	0.1 Element Fault
TLK061	1142	'43730574_/_43730571'		0.3	2.83	3.33	0.16	0.3	2.68	1.19 No	0.16 Thermal Discharging
TLK061	1143	'5516741_/_5516738'		0.27	2.8	3.33	0.16	0.3	2.67	1.19 No	0.16 Thermal Discharging
TLK061	1144	'5086973_/_5086971'		0.27	2.77	3.33	0.16	0.3	2.66	1.19 No	0.16 Thermal Discharging
TLK061	1145	'43730635_/_5516751'		0.27	2.77	3.33	0.16	0.3	2.65	1.19 No	0.16 Thermal Discharging
TLK061	1146	'615091403_/_5089038_1'		0.27	2.73	3.33	0.16	0.1	2.65	1.19 No	0.1 Element Fault
TLK061	1147	'6362422_/_6362419'		0.37	3.2	3.33	0.16	0.1	2.61	1.19 No	0.1 Element Fault
TLK061	1148	'5516770_/_43730637'		0.27	2.73	3.33	0.16	0.3	2.63	1.19 No	0.16 Thermal Discharging
TLK061	1149	'43640677_/_5089038_2'		0.27	2.7	3.33	0.16	0.1	2.62	1.19 No	0.1 Element Fault
TLK061	1150	'43730624_/_5516780'		0.27	2.67	3.33	0.16	0.3	2.6	1.19 No	0.16 Thermal Discharging
TLK061	1151	'6362435_/_6362432'		0.33	3.03	3.33	0.16	0.1	2.56	1.19 No	0.1 Element Fault
TLK061	1152	'43730629_/_43730626'		0.27	2.63	3.33	0.16	0.3	2.58	1.19 No	0.16 Thermal Discharging
TLK061	1153	'5089041_/_43640679'		0.27	2.6	3.33	0.16	0.1	2.58	1.19 No	0.1 Element Fault
TLK061	1154	'5089054_/_5089064'		0.27	2.57	3.33	0.16	0.1	2.56	1.19 No	0.1 Element Fault
TLK061	1155	'5089080_/_5089090'		0.27	2.53	3.33	0.16	0.1	2.53	1.19 No	0.1 Element Fault
TLK061	1156	'5086932_/_5089051'		0.27	2.5	3.33	0.16	0.1	2.52	1.19 No	0.1 Element Fault
TLK061	1157	'5086961_/_5089077'		0.27	2.47	3.33	0.16	0.1	2.5	1.19 No	0.1 Element Fault
TLK061	1158	'43640688_/_43640690'		0.27	2.47	3.33	0.16	0.1	2.49	1.19 No	0.1 Element Fault
TLK061	1159	'45063235_/_5086916'		0.27	2.43	3.33	0.16	0.1	2.47	1.19 No	0.1 Element Fault
TLK061	1160	'5086947_/_5086958'		0.27	2.4	3.33	0.16	0.1	2.47	1.19 No	0.1 Element Fault
TLK061	1161	'43640666_/_5086945'		0.23	2.37	3.33	0.16	0.1	2.43	1.19 No	0.1 Element Fault
TLK061	1162	'5086948_/_43640668'		0.23	2.3	3.33	0.16	0.1	2.4	1.19 No	0.1 Element Fault
TLK062	0	'TLK062_/_8662683'		10	10	10	0.5	10	10	7.79 No	0.5 Thermal Discharging
TLK062	1	'7718467_/_8662683'		10	10	10	0.5	10	10	3.29 No	0.5 Thermal Discharging
TLK062	2	'7404950_/_8982505'		10	10	10	0.5	10	10	3.29 No	0.5 Thermal Discharging
TLK062	3	'7404951_/_7404948'		10	10	10	0.5	10	10	3.29 No	0.5 Thermal Discharging
TLK062	4	'8662705_/_9609537'		10	10	10	0.5	10	10	3.29 No	0.5 Thermal Discharging
TLK062	5	'8355337_/_8662703'		10	10	10	0.5	10	10	3.29 No	0.5 Thermal Discharging
TLK062	6	'8109384_/_8355335'		10	10	10	0.5	10	10	3.29 No	0.5 Thermal Discharging
TLK062	7	'8109385_/_8109382'		10	10	10	0.5	10	10	3.29 No	0.5 Thermal Discharging
TLK062	8	'8578274_/_8898104_1'		10	10	10	0.5	10	10	3.29 No	0.5 Thermal Discharging
TLK062	9	'4443562_/_8898104_2'		10	10	10	0.5	10	10	3.29 No	0.5 Thermal Discharging
TLK062	10	'463939203_/_4443686'		10	10	10	0.5	10	10	3.29 No	0.5 Thermal Discharging
TLK062	11	'4425315_/_49219842'		10	10	10	0.5	10	10	3.29 No	0.5 Thermal Discharging
TLK062	12	'70250076_/_4443559'		10	10	10	0.5	10	10	3.29 No	0.5 Thermal Discharging
TLK062	13	'4425316_/_4425313'		10	10	10	0.5	10	10	3.29 No	0.5 Thermal Discharging
TLK062	14	'70250097_/_4443576_1'		3.33	3.33	3.33	0.17	0.4	3.33	1.1 No	0.17 Thermal Discharging
TLK062	15	'4425333_/_4426865'		10	10	10	0.5	10	10	3.29 No	0.5 Thermal Discharging
TLK062	16	'4425390_/_381618277'		10	10	10	0.5	10	10	3.29 No	0.5 Thermal Discharging
TLK062	17	'43512980_/_4425364'		10	10	10	0.5	4.5	10	3.29 No	0.5 Thermal Discharging
TLK062	18	'4443605_/_4443576_2'		3.33	3.33	3.33	0.17	0.4	3.33	1.1 No	0.17 Thermal Discharging
TLK062	19	'4425367_/_4428012_1'		10	10	10	0.5	1.4	10	3.29 No	0.5 Thermal Discharging
TLK062	20	'4425470_/_381618252'		10	10	10	0.5	10	10	3.29 No	0.5 Thermal Discharging
TLK062	21	'4440727_/_230969488'		10	10	10	0.5	10	10	3.29 No	0.5 Thermal Discharging
TLK062	22	'43514067_/_4440761'		10	10	10	0.5	10	10	3.29 No	0.5 Thermal Discharging
TLK062	23	'4421528_/_4428012_2'		10	10	10	0.5	1.4	10	3.29 No	0.5 Thermal Discharging
TLK062	24	'463940065_/_9521186_1'		10	10	10	0.5	1.4	10	3.29 No	0.5 Thermal Discharging
TLK062	25	'4432792_/_43514069'		10	10	10	0.5	10	10	3.29 No	0.5 Thermal Discharging
TLK062	26	'4432793_/_4432790'		10	10	10	0.5	10	10	3.29 No	0.5 Thermal Discharging
TLK062	27	'4420540_/_4421544'		10	10	10	0.5	1.4	10	3.29 No	0.5 Thermal Discharging
TLK062	28	'229705613_/_381618116'		10	10	10	0.5	10	10	3.29 No	0.5 Thermal Discharging
TLK062	29	'43514054_/_4432824'		10	10	10	0.5	10	10	3.29 No	0.5 Thermal Discharging
TLK062	30	'4432809_/_4432807_1'		10	10	10	0.5	10	10	3.29 No	0.5 Thermal Discharging
TLK062	31	'4425578_/_381618226'		10	10	10	0.5	10	10	3.29 No	0.5 Thermal Discharging
TLK062	32	'4427244_/_4432807_2'		10	10	10	0.5	10	10	3.29 No	0.5 Thermal Discharging
TLK062	33	'7318404_/_9521186_2'		10	10	10	0.5	1.4	10	3.29 No	0.5 Thermal Discharging
TLK062	34	'4425558_/_4425555_1'		10	10	10	0.5	1.4	10	3.29 No	0.5 Thermal Discharging
TLK062	35	'4427245_/_4427242'		10	10	10	0.5	10	10	3.29 No	0.5 Thermal Discharging
TLK062	36	'4440135_/_4440132'		10	10	10	0.5	10	10	3.29 No	0.5 Thermal Discharging
TLK062	37	'4444006_/_220784857'		10	10	10	0.5	10	10	3.29 No	0.5 Thermal Discharging
TLK062	38	'463940055_/_4425612_1'		6.67	6.67	6.67	0.34	1	6.67	2.19 No	0.34 Thermal Discharging
TLK062	39	'4420541_/_4420538'		10	10	10	0.5	1.4	10	3.29 No	0.5 Thermal Discharging
TLK062	40	'4440152_/_4440149'		10	10	10	0.5	10	10	3.29 No	0.5 Thermal Discharging
TLK062	41	'43511492_/_4421526'		6.67	6.67	6.67	0.34	0.93	6.67	2.19 No	0.34 Thermal Discharging
TLK062	42	'9210553_/_9521166'		10	10	10	0.5	1.4	10	3.29 No	0.5 Thermal Discharging
TLK062	43	'8448469_/_9399724_1'		10	10	10	0.5	0.9	10	3.29 No	0.5 Thermal Discharging
TLK062	44	'265249087_/_4444069_2'		10	10	10	0.5	3.4	10	3.29 No	0.5 Thermal Discharging
TLK062	45	'4440462_/_4440476'		10	10	10	0.5	10	10	3.29 No	0.5 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over- Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TLK062	46	'4425541_/_4425555_2'		10	10	10	0.5	1.4	10	3.29 No	0.5 Thermal Discharging
TLK062	47	'9399727_/_9399724_2'		10	10	10	0.5	0.9	10	3.29 No	0.5 Thermal Discharging
TLK062	48	'70249975_/_4440527'		10	10	10	0.5	10	10	3.29 No	0.5 Thermal Discharging
TLK062	49	'70249991_/_4440581_1'		3.33	3.33	3.33	0.17	0.4	3.33	1.1 No	0.17 Thermal Discharging
TLK062	50	'4425651_/_4444069_1'		10	10	10	0.5	2.2	10	3.29 No	0.5 Thermal Discharging
TLK062	51	'463940032_/_4425612_2'		6.67	6.67	6.67	0.34	1	6.67	2.19 No	0.34 Thermal Discharging
TLK062	52	'7317170_/_9210550'		10	10	10	0.5	1.4	10	3.29 No	0.5 Thermal Discharging
TLK062	53	'255648995_/_255845343_2'		10	10	10	0.5	2.2	10	3.29 No	0.5 Thermal Discharging
TLK062	54	'4421973_/_4421971_1'		3.33	3.33	3.33	0.17	0.3	3.33	1.1 No	0.17 Thermal Discharging
TLK062	55	'4440495_/_4440561'		10	10	10	0.5	10	10	3.29 No	0.5 Thermal Discharging
TLK062	56	'255649007_/_255845343_1'		10	10	10	0.5	0.9	10	3.29 No	0.5 Thermal Discharging
TLK062	57	'76787424_/_4440166'		10	10	10	0.5	10	10	3.29 No	0.5 Thermal Discharging
TLK062	58	'43511592_/_4421032'		3.33	3.33	3.33	0.17	0.47	3.33	1.1 No	0.17 Thermal Discharging
TLK062	59	'43513327_/_43513329'		10	10	10	0.5	1.4	10	3.29 No	0.5 Thermal Discharging
TLK062	60	'7488334_/_7488332_1'		10	10	10	0.5	1.4	10	3.29 No	0.5 Thermal Discharging
TLK062	61	'7317169_/_7317167'		10	10	10	0.5	1.4	10	3.29 No	0.5 Thermal Discharging
TLK062	62	'4440087_/_4440102'		10	10	10	0.5	10	10	3.29 No	0.5 Thermal Discharging
TLK062	63	'4427423_/_4440085'		10	10	10	0.5	10	10	3.29 No	0.5 Thermal Discharging
TLK062	64	'7488318_/_7488332_2'		10	10	10	0.5	1.4	10	3.29 No	0.5 Thermal Discharging
TLK062	65	'4421974_/_4421971_2'		3.33	3.33	3.33	0.17	0.3	3.33	1.1 No	0.17 Thermal Discharging
TLK062	66	'4425507_/_463940034'		6.67	6.67	6.67	0.34	1	6.67	2.19 No	0.34 Thermal Discharging
TLK062	67	'119099298_/_119099307'		6.67	6.67	6.67	0.34	0.6	6.67	2.19 No	0.34 Thermal Discharging
TLK062	68	'43511945_/_4427421'		10	10	10	0.5	10	10	3.29 No	0.5 Thermal Discharging
TLK062	69	'122924865_/_122924849'		3.33	3.33	3.33	0.17	0.47	3.33	1.1 No	0.17 Thermal Discharging
TLK062	70	'43513314_/_43513316'		10	10	10	0.5	1.4	10	3.29 No	0.5 Thermal Discharging
TLK062	71	'70249986_/_4440581_2'		3.33	3.33	3.33	0.17	0.4	3.33	1.1 No	0.17 Thermal Discharging
TLK062	72	'119099253_/_255649014'		10	10	10	0.5	0.9	10	3.29 No	0.5 Thermal Discharging
TLK062	73	'7081814_/_8983115_1_1'		10	10	10	0.5	0.9	10	3.29 No	0.5 Thermal Discharging
TLK062	74	'4436925_/_43511947'		10	10	10	0.5	10	10	3.29 No	0.5 Thermal Discharging
TLK062	75	'4421035_/_43511594'		3.33	3.33	3.33	0.17	0.47	3.33	1.1 No	0.17 Thermal Discharging
TLK062	76	'124279307_/_8578448_1'		10	10	10	0.5	1.4	10	3.29 No	0.5 Thermal Discharging
TLK062	77	'9210533_/_9210530'		10	10	10	0.5	1.4	10	3.29 No	0.5 Thermal Discharging
TLK062	78	'43515047_/_43511494'		3.33	3.33	3.33	0.17	0.47	3.33	1.1 No	0.17 Thermal Discharging
TLK062	79	'4429326_/_4436945'		10	10	10	0.5	10	10	3.29 No	0.5 Thermal Discharging
TLK062	80	'4429327_/_4429324'		10	10	10	0.5	10	10	3.29 No	0.5 Thermal Discharging
TLK062	81	'472724528_/_8578448_2'		10	10	10	0.5	1.4	10	3.29 No	0.5 Thermal Discharging
TLK062	82	'4429347_/_4429344'		10	10	10	0.5	10	10	3.29 No	0.5 Thermal Discharging
TLK062	83	'4429364_/_4429361'		10	10	10	0.5	10	10	3.29 No	0.5 Thermal Discharging
TLK062	84	'4429394_/_4429391_1'		10	10	10	0.5	3.2	10	3.29 No	0.5 Thermal Discharging
TLK062	85	'392991208_/_392991144_1_1'		3.33	3.33	3.33	0.17	0.4	3.33	1.1 No	0.17 Thermal Discharging
TLK062	86	'4425595_/_4425648'		10	10	10	0.5	2.2	10	3.29 No	0.5 Thermal Discharging
TLK062	87	'70250164_/_43513353'		6.67	6.67	6.67	0.34	1	6.67	2.19 No	0.34 Thermal Discharging
TLK062	88	'8576283_/_731247448'		10	10	10	0.5	1.4	10	3.29 No	0.5 Thermal Discharging
TLK062	89	'4441694_/_4441709'		10	10	10	0.5	10	10	3.29 No	0.5 Thermal Discharging
TLK062	90	'7318455_/_7318453_1'		10	10	10	0.5	1.4	10	3.29 No	0.5 Thermal Discharging
TLK062	91	'7318456_/_7318453_2'		10	10	10	0.5	1.4	10	3.29 No	0.5 Thermal Discharging
TLK062	92	'43511825_/_4441692'		10	10	10	0.5	10	10	3.29 No	0.5 Thermal Discharging
TLK062	93	'7488319_/_7488316'		3.33	3.33	3.33	0.17	0.47	3.33	1.1 No	0.17 Thermal Discharging
TLK062	94	'4442428_/_4443467'		3.33	3.33	3.33	0.17	0.47	3.33	1.1 No	0.17 Thermal Discharging
TLK062	95	'472724547_/_472724594'		10	10	10	0.5	1.4	10	3.29 No	0.5 Thermal Discharging
TLK062	96	'7316925_/_119099324'		10	10	10	0.5	0.9	10	3.29 No	0.5 Thermal Discharging
TLK062	97	'4436964_/_4441675'		10	10	10	0.5	10	10	3.29 No	0.5 Thermal Discharging
TLK062	98	'8983117_/_8983115_2'		10	10	10	0.5	0.9	10	3.29 No	0.5 Thermal Discharging
TLK062	99	'4421987_/_4421984'		3.33	3.33	3.33	0.17	0.3	3.33	1.1 No	0.17 Thermal Discharging
TLK062	100	'43515319_/_4429391_2'		10	10	10	0.5	3.2	10	3.29 No	0.5 Thermal Discharging
TLK062	101	'392991147_/_392991144_2'		3.33	3.33	3.33	0.17	0.4	3.33	1.1 No	0.17 Thermal Discharging
TLK062	102	'8578451_/_472724551'		10	10	10	0.5	1.4	10	3.29 No	0.5 Thermal Discharging
TLK062	103	'4440032_/_4440030'		3.33	3.33	3.33	0.17	0.4	3.33	1.1 No	0.17 Thermal Discharging
TLK062	104	'4436965_/_4436962'		10	10	10	0.5	10	10	3.29 No	0.5 Thermal Discharging
TLK062	105	'4440062_/_4440059'		3.33	3.33	3.33	0.17	0.4	3.33	1.1 No	0.17 Thermal Discharging
TLK062	106	'489123323_/_489123321'		10	10	10	0.5	2.2	10	3.29 No	0.5 Thermal Discharging
TLK062	107	'7405404_/_9298684'		10	10	10	0.5	0.9	10	3.29 No	0.5 Thermal Discharging
TLK062	108	'43511838_/_4436979'		10	10	10	0.5	10	10	3.29 No	0.5 Thermal Discharging
TLK062	109	'4421470_/_43511840'		10	10	10	0.5	10	10	3.29 No	0.5 Thermal Discharging
TLK062	110	'5561359_/_7405402'		3.33	3.33	3.33	0.17	0.3	3.33	1.1 No	0.17 Thermal Discharging
TLK062	111	'43512178_/_489123338'		10	10	10	0.5	2.2	10	3.29 No	0.5 Thermal Discharging
TLK062	112	'4444258_/_4444349'		10	10	10	0.5	3.2	10	3.29 No	0.5 Thermal Discharging
TLK062	113	'4427262_/_4427259'		10	10	10	0.5	10	10	3.29 No	0.5 Thermal Discharging
TLK062	114	'4421469_/_43511853_1'		10	10	10	0.5	1.4	10	3.29 No	0.5 Thermal Discharging
TLK062	115	'43513340_/_4425522'		3.33	3.33	3.33	0.17	0.5	3.33	1.1 No	0.17 Thermal Discharging
TLK062	116	'61697346_/_9610033_2'		3.33	3.33	3.33	0.17	0.3	3.33	1.1 No	0.17 Thermal Discharging
TLK062	117	'8578403_/_9521704_1'		3.33	3.33	3.33	0.17	0.4	3.33	1.1 No	0.17 Thermal Discharging
TLK062	118	'5561342_/_9610033_1'		3.33	3.33	3.33	0.17	0.2	3.33	1.1 No	0.17 Thermal Discharging
TLK062	119	'43511864_/_4427276'		10	10	10	0.5	10	10	3.29 No	0.5 Thermal Discharging
TLK062	120	'4420485_/_4442426'		3.33	3.33	3.33	0.17	0.47	3.33	1.1 No	0.17 Thermal Discharging
TLK062	121	'4427296_/_4427293'		10	10	10	0.5	10	10	3.29 No	0.5 Thermal Discharging
TLK062	122	'4422241_/_489123349'		10	10	10	0.5	2.2	10	3.29 No	0.5 Thermal Discharging
TLK062	123	'8233250_/_9693818'		3.33	3.33	3.33	0.17	0.47	3.33	1.1 No	0.17 Thermal Discharging
TLK062	124	'486059731_/_486059537_1'		10	10	10	0.5	0.9	10	3.29 No	0.5 Thermal Discharging
TLK062	125	'4427313_/_4427310'		10	10	10	0.5	10	10	3.29 No	0.5 Thermal Discharging
TLK062	126	'43512141_/_4421997'		3.33	3.33	3.33	0.17	0.3	3.33	1.1 No	0.17 Thermal Discharging
TLK062	127	'4427330_/_4427327'		10	10	10	0.5	10	10	3.29 No	0.5 Thermal Discharging
TLK062	128	'8895329_/_8895326_2'		10	10	10	0.5	4.2	10	3.29 No	0.5 Thermal Discharging
TLK062	129	'4444238_/_4444255'		10	10	10	0.5	3.2	10	3.29 No	0.5 Thermal Discharging
TLK062	130	'486059521_/_486059537_2'		10	10	10	0.5	0.9	10	3.29 No	0.5 Thermal Discharging
TLK062	131	'4440122_/_4440119'		3.33	3.33	3.33	0.17	0.4	3.33	1.1 No	0.17 Thermal Discharging
TLK062	132	'4427347_/_4427344'		10	10	10	0.5	10	10	3.29 No	0.5 Thermal Discharging
TLK062	133	'4427384_/_4427381'		10	10	10	0.5	10	10	3.29 No	0.5 Thermal Discharging
TLK062	134	'4422258_/_4422255'		10	10	10	0.5	2.2	10	3.29 No	0.5 Thermal Discharging
TLK062	135	'76787467_/_4427880_2'		3.33	3.33	3.33	0.17	2.2	3.33	1.1 No	0.17 Thermal Discharging
TLK062	136	'5561343_/_5561340'		3.33	3.33	3.33	0.17	0.2	3.33	1.1 No	0.17 Thermal Discharging
TLK062	137	'4421615_/_43511853_2'		10	10	10	0.5	1.4	10	3.29 No	0.5 Thermal Discharging
TLK062	138	'43511004_/_43511006'		10	10	10	0.5	10	10	3.29 No	0.5 Thermal Discharging
TLK062	139	'43515296_/_4444272'		6.67	6.67	6.67	0.34	2.13	6.67	2.19 No	0.34 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TLK062	140	'4430115_/_4430200'		10	10	10	0.5	10	10	3.29 No	0.5 Thermal Discharging
TLK062	141	'43511481_/_4420483'		3.33	3.33	3.33	0.17	0.47	3.33	1.1 No	0.17 Thermal Discharging
TLK062	142	'4444275_/_4444290_1'		6.67	6.67	6.67	0.34	1.5	6.67	2.19 No	0.34 Thermal Discharging
TLK062	143	'5557499_/_7081832'		3.33	3.33	3.33	0.17	0.5	3.33	1.1 No	0.17 Thermal Discharging
TLK062	144	'8895328_/_8895326_1'		10	10	10	0.5	1.4	10	3.29 No	0.5 Thermal Discharging
TLK062	145	'43737797_/_5561370'		3.33	3.33	3.33	0.17	0.2	3.33	1.1 No	0.17 Thermal Discharging
TLK062	146	'4430169_/_4430183'		10	10	10	0.5	10	10	3.29 No	0.5 Thermal Discharging
TLK062	147	'4422459_/_4422456'		10	10	10	0.5	2.2	10	3.29 No	0.5 Thermal Discharging
TLK062	148	'4433557_/_4444235'		10	10	10	0.5	3.2	10	3.29 No	0.5 Thermal Discharging
TLK062	149	'4422532_/_4440072'		3.33	3.33	3.33	0.17	0.4	3.33	1.1 No	0.17 Thermal Discharging
TLK062	150	'8120746_/_8233248'		3.33	3.33	3.33	0.17	0.47	3.33	1.1 No	0.17 Thermal Discharging
TLK062	151	'4430010_/_4430166'		10	10	10	0.5	10	10	3.29 No	0.5 Thermal Discharging
TLK062	152	'8578419_/_9521704_2'		3.33	3.33	3.33	0.17	0.4	3.33	1.1 No	0.17 Thermal Discharging
TLK062	153	'7952113_/_8895434_1'		10	10	10	0.5	0.8	10	3.29 No	0.5 Thermal Discharging
TLK062	154	'43511669_/_43511671'		10	10	10	0.5	4.5	10	3.29 No	0.5 Thermal Discharging
TLK062	155	'4430009_/_4430099_2'		3.33	3.33	3.33	0.17	1.5	3.33	1.1 No	0.17 Thermal Discharging
TLK062	156	'7318972_/_8578432_1'		3.33	3.33	3.33	0.17	0.4	3.33	1.1 No	0.17 Thermal Discharging
TLK062	157	'7319036_/_7319033_2'		3.33	3.33	3.33	0.17	1.07	3.33	1.1 No	0.17 Thermal Discharging
TLK062	158	'4422013_/_4422010'		3.33	3.33	3.33	0.17	0.3	3.33	1.1 No	0.17 Thermal Discharging
TLK062	159	'4430135_/_4430149'		10	10	10	0.5	10	10	3.29 No	0.5 Thermal Discharging
TLK062	160	'4430035_/_4430033_1'		10	10	10	0.5	1.4	10	3.29 No	0.5 Thermal Discharging
TLK062	161	'4427895_/_4427880_1'		3.33	3.33	3.33	0.17	0.5	3.33	1.1 No	0.17 Thermal Discharging
TLK062	162	'4430088_/_4430099_1'		3.33	3.33	3.33	0.17	0.5	3.33	1.1 No	0.17 Thermal Discharging
TLK062	163	'4430022_/_4430132'		10	10	10	0.5	10	10	3.29 No	0.5 Thermal Discharging
TLK062	164	'4429751_/_4444290_2'		6.67	6.67	6.67	0.34	1.5	6.67	2.19 No	0.34 Thermal Discharging
TLK062	165	'4422275_/_4422272'		10	10	10	0.5	2.2	10	3.29 No	0.5 Thermal Discharging
TLK062	166	'43512967_/_43512969'		10	10	10	0.5	10	10	3.29 No	0.5 Thermal Discharging
TLK062	167	'43512202_/_4422493'		10	10	10	0.5	2.2	10	3.29 No	0.5 Thermal Discharging
TLK062	168	'4430236_/_4430271_2'		10	10	10	0.5	10	10	3.29 No	0.5 Thermal Discharging
TLK062	169	'53688217_/_8576108_1'		10	10	10	0.5	0.9	10	3.29 No	0.5 Thermal Discharging
TLK062	170	'7953816_/_8578432_2'		3.33	3.33	3.33	0.17	0.4	3.33	1.1 No	0.17 Thermal Discharging
TLK062	171	'4430253_/_4430271_1'		10	10	10	0.5	10	10	3.29 No	0.5 Thermal Discharging
TLK062	172	'4420502_/_43511483'		3.33	3.33	3.33	0.17	0.47	3.33	1.1 No	0.17 Thermal Discharging
TLK062	173	'4430601_/_4430599'		10	10	10	0.5	10	10	3.29 No	0.5 Thermal Discharging
TLK062	174	'4430619_/_4430616'		10	10	10	0.5	10	10	3.29 No	0.5 Thermal Discharging
TLK062	175	'43737830_/_5557496'		3.33	3.33	3.33	0.17	0.5	3.33	1.1 No	0.17 Thermal Discharging
TLK062	176	'4429184_/_4430251'		10	10	10	0.5	10	10	3.29 No	0.5 Thermal Discharging
TLK062	177	'4443522_/_4443539'		10	10	10	0.5	10	10	3.29 No	0.5 Thermal Discharging
TLK062	178	'8576034_/_119099343'		3.33	3.33	3.33	0.17	0.3	3.33	1.1 No	0.17 Thermal Discharging
TLK062	179	'4422513_/_43512204'		10	10	10	0.5	2.2	10	3.29 No	0.5 Thermal Discharging
TLK062	180	'5545608_/_5557415'		3.33	3.33	3.33	0.17	0.2	3.33	1.1 No	0.17 Thermal Discharging
TLK062	181	'4422104_/_4422101'		3.33	3.33	3.33	0.17	0.3	3.33	1.1 No	0.17 Thermal Discharging
TLK062	182	'4427934_/_4427932'		3.33	3.33	3.33	0.17	0.5	3.33	1.1 No	0.17 Thermal Discharging
TLK062	183	'8898090_/_8898088_1'		3.33	3.33	3.33	0.17	0.4	3.33	1.1 No	0.17 Thermal Discharging
TLK062	184	'69449718_/_43515097'		10	10	10	0.5	10	10	3.29 No	0.5 Thermal Discharging
TLK062	185	'4422026_/_4422023'		3.33	3.33	3.33	0.17	0.3	3.33	1.1 No	0.17 Thermal Discharging
TLK062	186	'4429185_/_4429182'		10	10	10	0.5	10	10	3.29 No	0.5 Thermal Discharging
TLK062	187	'4429726_/_4429749'		6.67	6.67	6.67	0.34	1.5	6.67	2.19 No	0.34 Thermal Discharging
TLK062	188	'4430036_/_4430033_2'		10	10	10	0.5	1.4	10	3.29 No	0.5 Thermal Discharging
TLK062	189	'7632480_/_7632478_1'		3.33	3.33	3.33	0.17	0.3	3.33	1.1 No	0.17 Thermal Discharging
TLK062	190	'315951728_/_4429832_1'		3.33	3.33	3.33	0.17	0.4	3.33	1.1 No	0.17 Thermal Discharging
TLK062	191	'7953832_/_8578416'		3.33	3.33	3.33	0.17	0.4	3.33	1.1 No	0.17 Thermal Discharging
TLK062	192	'4400575_/_4429199'		10	10	10	0.5	10	10	3.29 No	0.5 Thermal Discharging
TLK062	193	'443060232_/_443060052_1'		3.33	3.33	3.33	0.17	0.3	3.33	1.1 No	0.17 Thermal Discharging
TLK062	194	'4421957_/_4427893'		3.33	3.33	3.33	0.17	0.5	3.33	1.1 No	0.17 Thermal Discharging
TLK062	195	'291507273_/_4429723_2'		3.33	3.33	3.33	0.17	0.75	3.33	1.1 No	0.17 Thermal Discharging
TLK062	196	'39434198_/_8120744'		3.33	3.33	3.33	0.17	0.47	3.33	1.1 No	0.17 Thermal Discharging
TLK062	197	'38012856_/_71667440'		3.33	3.33	3.33	0.17	0.47	3.33	1.1 No	0.17 Thermal Discharging
TLK062	198	'39434184_/_38012854'		3.33	3.33	3.33	0.17	0.47	3.33	1.1 No	0.17 Thermal Discharging
TLK062	199	'404674186_/_404674183'		3.33	3.33	3.33	0.17	0.47	3.33	1.1 No	0.17 Thermal Discharging
TLK062	200	'39434197_/_38012868'		3.33	3.33	3.33	0.17	0.47	3.33	1.1 No	0.17 Thermal Discharging
TLK062	201	'4429466_/_4429723_1'		3.33	3.33	3.33	0.17	0.5	3.33	1.1 No	0.17 Thermal Discharging
TLK062	202	'4400576_/_4400573'		10	10	10	0.5	10	10	3.29 No	0.5 Thermal Discharging
TLK062	203	'43515343_/_43515345'		6.67	6.67	6.67	0.34	2.13	6.67	2.19 No	0.34 Thermal Discharging
TLK062	204	'4422533_/_4422530'		3.33	3.33	3.33	0.17	0.4	3.33	1.1 No	0.17 Thermal Discharging
TLK062	205	'43511890_/_4430086'		3.33	3.33	3.33	0.17	0.5	3.33	1.1 No	0.17 Thermal Discharging
TLK062	206	'73457831_/_9210702_2'		10	10	10	0.5	5.1	10	3.29 No	0.5 Thermal Discharging
TLK062	207	'4400593_/_4400590'		10	10	10	0.5	10	10	3.29 No	0.5 Thermal Discharging
TLK062	208	'73457920_/_9210702_1'		10	10	10	0.5	3.1	10	3.29 No	0.5 Thermal Discharging
TLK062	209	'43512165_/_4422331'		10	10	10	0.5	2.2	10	3.29 No	0.5 Thermal Discharging
TLK062	210	'4443068_/_4443065'		3.33	3.33	3.33	0.17	0.47	3.33	1.1 No	0.17 Thermal Discharging
TLK062	211	'43512954_/_4429216'		10	10	10	0.5	10	10	3.29 No	0.5 Thermal Discharging
TLK062	212	'5545607_/_5545605'		3.33	3.33	3.33	0.17	0.2	3.33	1.1 No	0.17 Thermal Discharging
TLK062	213	'435828817_/_4421955'		3.33	3.33	3.33	0.17	0.5	3.33	1.1 No	0.17 Thermal Discharging
TLK062	214	'8895437_/_8895434_2'		10	10	10	0.5	0.8	10	3.29 No	0.5 Thermal Discharging
TLK062	215	'4438403_/_43512956'		10	10	10	0.5	10	10	3.29 No	0.5 Thermal Discharging
TLK062	216	'443060184_/_443059999_1'		3.33	3.33	3.33	0.17	0.3	3.33	1.1 No	0.17 Thermal Discharging
TLK062	217	'4429582_/_4429832_2'		3.33	3.33	3.33	0.17	0.4	3.33	1.1 No	0.17 Thermal Discharging
TLK062	218	'443060190_/_443060020_1'		3.33	3.33	3.33	0.17	0.3	3.33	1.1 No	0.17 Thermal Discharging
TLK062	219	'7318987_/_8431266'		3.33	3.33	3.33	0.17	0.47	3.33	1.1 No	0.17 Thermal Discharging
TLK062	220	'5545660_/_5557483'		3.33	3.33	3.33	0.17	0.5	3.33	1.1 No	0.17 Thermal Discharging
TLK062	221	'9065795_/_9065793_2'		3.33	3.33	3.33	0.17	0.47	3.33	1.1 No	0.17 Thermal Discharging
TLK062	222	'4433527_/_4433539'		6.67	6.67	6.67	0.34	2.13	6.67	2.19 No	0.34 Thermal Discharging
TLK062	223	'4438592_/_4438607'		10	10	10	0.5	10	10	3.29 No	0.5 Thermal Discharging
TLK062	224	'4444102_/_9065793_1'		3.33	3.33	3.33	0.17	0.3	3.33	1.1 No	0.17 Thermal Discharging
TLK062	225	'4422039_/_4422036'		3.33	3.33	3.33	0.17	0.3	3.33	1.1 No	0.17 Thermal Discharging
TLK062	226	'7319035_/_7319033_1'		3.33	3.33	3.33	0.17	0.5	3.33	1.1 No	0.17 Thermal Discharging
TLK062	227	'43511877_/_4430050'		10	10	10	0.5	1.4	10	3.29 No	0.5 Thermal Discharging
TLK062	228	'4438593_/_4438590'		10	10	10	0.5	10	10	3.29 No	0.5 Thermal Discharging
TLK062	229	'7953817_/_7953814'		3.33	3.33	3.33	0.17	0.4	3.33	1.1 No	0.17 Thermal Discharging
TLK062	230	'4422117_/_4422114'		3.33	3.33	3.33	0.17	0.3	3.33	1.1 No	0.17 Thermal Discharging
TLK062	231	'4438627_/_4438624'		10	10	10	0.5	10	10	3.29 No	0.5 Thermal Discharging
TLK062	232	'114661457_/_8266967_1'		10	10	10	0.5	10	10	3.29 No	0.5 Thermal Discharging
TLK062	233	'8576051_/_53688240'		10	10	10	0.5	0.8	10	3.29 No	0.5 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TLK062	234	'43512075_/4422543'	3.33	3.33	3.33	0.17	0.4	3.33	1.1 No	0.17	Thermal Discharging
TLK062	235	'4420514_/4443078'	3.33	3.33	3.33	0.17	0.47	3.33	1.1 No	0.17	Thermal Discharging
TLK062	236	'43511901_/4430070'	3.33	3.33	3.33	0.17	0.5	3.33	1.1 No	0.17	Thermal Discharging
TLK062	237	'4422351_/43512167'	10	10	10	0.5	2.2	10	3.29 No	0.5	Thermal Discharging
TLK062	238	'4429453_/4429463'	3.33	3.33	3.33	0.17	0.5	3.33	1.1 No	0.17	Thermal Discharging
TLK062	239	'488876727_/43737788'	3.33	3.33	3.33	0.17	0.2	3.33	1.1 No	0.17	Thermal Discharging
TLK062	240	'5557373_/5557386'	3.33	3.33	3.33	0.17	0.2	3.33	1.1 No	0.17	Thermal Discharging
TLK062	241	'4429583_/4429580'	3.33	3.33	3.33	0.17	0.4	3.33	1.1 No	0.17	Thermal Discharging
TLK062	242	'4422368_/4422365'	10	10	10	0.5	2.2	10	3.29 No	0.5	Thermal Discharging
TLK062	243	'8895844_/9210682'	10	10	10	0.5	3.1	10	3.29 No	0.5	Thermal Discharging
TLK062	244	'443059916_/443059999_2'	3.33	3.33	3.33	0.17	0.3	3.33	1.1 No	0.17	Thermal Discharging
TLK062	245	'5545647_/5545657'	3.33	3.33	3.33	0.17	0.5	3.33	1.1 No	0.17	Thermal Discharging
TLK062	246	'43512130_/4422127'	3.33	3.33	3.33	0.17	0.3	3.33	1.1 No	0.17	Thermal Discharging
TLK062	247	'4433526_/4433524'	6.67	6.67	6.67	0.34	2.13	6.67	2.19 No	0.34	Thermal Discharging
TLK062	248	'8578259_/8898088_2'	3.33	3.33	3.33	0.17	0.4	3.33	1.1 No	0.17	Thermal Discharging
TLK062	249	'7318988_/7318985'	3.33	3.33	3.33	0.17	0.47	3.33	1.1 No	0.17	Thermal Discharging
TLK062	250	'4422385_/4422382'	10	10	10	0.5	2.2	10	3.29 No	0.5	Thermal Discharging
TLK062	251	'4420515_/4420512'	3.33	3.33	3.33	0.17	0.47	3.33	1.1 No	0.17	Thermal Discharging
TLK062	252	'4444101_/4444099'	3.33	3.33	3.33	0.17	0.3	3.33	1.1 No	0.17	Thermal Discharging
TLK062	253	'8576110_/8576108_2'	10	10	10	0.5	0.9	10	3.29 No	0.5	Thermal Discharging
TLK062	254	'4430053_/43511879'	10	10	10	0.5	1.4	10	3.29 No	0.5	Thermal Discharging
TLK062	255	'8576071_/8576068'	10	10	10	0.5	0.8	10	3.29 No	0.5	Thermal Discharging
TLK062	256	'43515205_/4444112'	3.33	3.33	3.33	0.17	0.3	3.33	1.1 No	0.17	Thermal Discharging
TLK062	257	'7632881_/8895842'	10	10	10	0.5	3.1	10	3.29 No	0.5	Thermal Discharging
TLK062	258	'443059879_/443060020_2'	3.33	3.33	3.33	0.17	0.3	3.33	1.1 No	0.17	Thermal Discharging
TLK062	259	'4430073_/43511903'	3.33	3.33	3.33	0.17	0.5	3.33	1.1 No	0.17	Thermal Discharging
TLK062	260	'4422559_/43512077'	3.33	3.33	3.33	0.17	0.4	3.33	1.1 No	0.17	Thermal Discharging
TLK062	261	'4429544_/4429767'	3.33	3.33	3.33	0.17	0.4	3.33	1.1 No	0.17	Thermal Discharging
TLK062	262	'4429440_/4429450'	3.33	3.33	3.33	0.17	0.5	3.33	1.1 No	0.17	Thermal Discharging
TLK062	263	'5557372_/5557370'	3.33	3.33	3.33	0.17	0.2	3.33	1.1 No	0.17	Thermal Discharging
TLK062	264	'443059963_/443060052_2'	3.33	3.33	3.33	0.17	0.3	3.33	1.1 No	0.17	Thermal Discharging
TLK062	265	'4422052_/4422049'	3.33	3.33	3.33	0.17	0.3	3.33	1.1 No	0.17	Thermal Discharging
TLK062	266	'7950175_/8578468'	3.33	3.33	3.33	0.17	0.5	3.33	1.1 No	0.17	Thermal Discharging
TLK062	267	'8576091_/8576088_1'	10	10	10	0.5	0.9	10	3.29 No	0.5	Thermal Discharging
TLK062	268	'7632880_/7632878'	10	10	10	0.5	3.1	10	3.29 No	0.5	Thermal Discharging
TLK062	269	'7953833_/7953830'	3.33	3.33	3.33	0.17	0.4	3.33	1.1 No	0.17	Thermal Discharging
TLK062	270	'4429543_/4429541'	3.33	3.33	3.33	0.17	0.4	3.33	1.1 No	0.17	Thermal Discharging
TLK062	271	'388582420_/388582386_1'	3.33	3.33	3.33	0.17	0.4	3.33	1.1 No	0.17	Thermal Discharging
TLK062	272	'5545634_/5545644'	3.33	3.33	3.33	0.17	0.5	3.33	1.1 No	0.17	Thermal Discharging
TLK062	273	'43512152_/4422399'	10	10	10	0.5	2.2	10	3.29 No	0.5	Thermal Discharging
TLK062	274	'4420528_/4420525'	3.33	3.33	3.33	0.17	0.47	3.33	1.1 No	0.17	Thermal Discharging
TLK062	275	'8233171_/388582512'	3.33	3.33	3.33	0.17	0.4	3.33	1.1 No	0.17	Thermal Discharging
TLK062	276	'43512119_/43512132'	3.33	3.33	3.33	0.17	0.3	3.33	1.1 No	0.17	Thermal Discharging
TLK062	277	'7317329_/7317327'	10	10	10	0.5	3.1	10	3.29 No	0.5	Thermal Discharging
TLK062	278	'43515284_/43515286'	6.67	6.67	6.67	0.34	2.13	6.67	2.19 No	0.34	Thermal Discharging
TLK062	279	'7634207_/8266967_2'	10	10	10	0.5	10	10	3.29 No	0.5	Thermal Discharging
TLK062	280	'4444180_/4444177'	3.33	3.33	3.33	0.17	0.3	3.33	1.1 No	0.17	Thermal Discharging
TLK062	281	'4444128_/4444125'	3.33	3.33	3.33	0.17	0.3	3.33	1.1 No	0.17	Thermal Discharging
TLK062	282	'7950174_/7950172'	3.33	3.33	3.33	0.17	0.5	3.33	1.1 No	0.17	Thermal Discharging
TLK062	283	'43515239_/43515241'	3.33	3.33	3.33	0.17	0.3	3.33	1.1 No	0.17	Thermal Discharging
TLK062	284	'4422572_/4422569'	3.33	3.33	3.33	0.17	0.4	3.33	1.1 No	0.17	Thermal Discharging
TLK062	285	'8576230_/371003860'	3.33	3.33	3.33	0.17	0.3	3.33	1.1 No	0.17	Thermal Discharging
TLK062	286	'8265749_/443059883'	3.33	3.33	3.33	0.17	0.3	3.33	1.1 No	0.17	Thermal Discharging
TLK062	287	'7634206_/7634204'	10	10	10	0.5	10	10	3.29 No	0.5	Thermal Discharging
TLK062	288	'4444196_/4444193'	3.33	3.33	3.33	0.17	0.3	3.33	1.1 No	0.17	Thermal Discharging
TLK062	289	'4429596_/4429593'	3.33	3.33	3.33	0.17	0.4	3.33	1.1 No	0.17	Thermal Discharging
TLK062	290	'4429531_/4429736'	3.33	3.33	3.33	0.17	0.4	3.33	1.1 No	0.17	Thermal Discharging
TLK062	291	'9523574_/9523572'	10	10	10	0.5	3.1	10	3.29 No	0.5	Thermal Discharging
TLK062	292	'8233065_/8578256'	3.33	3.33	3.33	0.17	0.4	3.33	1.1 No	0.17	Thermal Discharging
TLK062	293	'43512191_/4422062'	3.33	3.33	3.33	0.17	0.3	3.33	1.1 No	0.17	Thermal Discharging
TLK062	294	'43511781_/43511783'	3.33	3.33	3.33	0.17	0.5	3.33	1.1 No	0.17	Thermal Discharging
TLK062	295	'5545633_/5545631'	3.33	3.33	3.33	0.17	0.5	3.33	1.1 No	0.17	Thermal Discharging
TLK062	296	'50621937_/8546336'	10	10	10	0.5	10	10	3.29 No	0.5	Thermal Discharging
TLK062	297	'402114180_/37786331'	10	10	10	0.5	10	10	3.29 No	0.5	Thermal Discharging
TLK062	298	'50621927_/37786324'	10	10	10	0.5	10	10	3.29 No	0.5	Thermal Discharging
TLK062	299	'50621947_/37786352'	10	10	10	0.5	2.8	10	3.29 No	0.5	Thermal Discharging
TLK062	300	'50621957_/37786359'	10	10	10	0.5	10	10	3.29 No	0.5	Thermal Discharging
TLK062	301	'43515238_/4444219'	3.33	3.33	3.33	0.17	0.3	3.33	1.1 No	0.17	Thermal Discharging
TLK062	302	'4422419_/4422416'	10	10	10	0.5	2.2	10	3.29 No	0.5	Thermal Discharging
TLK062	303	'43514905_/43514907'	3.33	3.33	3.33	0.17	0.47	3.33	1.1 No	0.17	Thermal Discharging
TLK062	304	'43515216_/4444138'	3.33	3.33	3.33	0.17	0.3	3.33	1.1 No	0.17	Thermal Discharging
TLK062	305	'7319003_/7319017'	3.33	3.33	3.33	0.17	0.47	3.33	1.1 No	0.17	Thermal Discharging
TLK062	306	'7634594_/7634592'	10	10	10	0.5	10	10	3.29 No	0.5	Thermal Discharging
TLK062	307	'724740603_/9211978'	10	10	10	0.5	5.1	10	3.29 No	0.5	Thermal Discharging
TLK062	308	'37786383_/7318725_1'	10	10	10	0.5	5.1	10	3.29 No	0.5	Thermal Discharging
TLK062	309	'4433591_/4444206'	3.33	3.33	3.33	0.17	0.3	3.33	1.1 No	0.17	Thermal Discharging
TLK062	310	'4429609_/4429606'	3.33	3.33	3.33	0.17	0.4	3.33	1.1 No	0.17	Thermal Discharging
TLK062	311	'43512086_/4422585'	3.33	3.33	3.33	0.17	0.4	3.33	1.1 No	0.17	Thermal Discharging
TLK062	312	'70250148_/43515274'	6.67	6.67	6.67	0.34	2.13	6.67	2.19 No	0.34	Thermal Discharging
TLK062	313	'4422156_/43512121'	3.33	3.33	3.33	0.17	0.3	3.33	1.1 No	0.17	Thermal Discharging
TLK062	314	'4429518_/4429528'	3.33	3.33	3.33	0.17	0.4	3.33	1.1 No	0.17	Thermal Discharging
TLK062	315	'7953801_/528421708'	3.33	3.33	3.33	0.17	0.4	3.33	1.1 No	0.17	Thermal Discharging
TLK062	316	'8233234_/8233232'	3.33	3.33	3.33	0.17	0.5	3.33	1.1 No	0.17	Thermal Discharging
TLK062	317	'4422436_/4422433'	10	10	10	0.5	2.2	10	3.29 No	0.5	Thermal Discharging
TLK062	318	'4429414_/4429424'	3.33	3.33	3.33	0.17	0.5	3.33	1.1 No	0.17	Thermal Discharging
TLK062	319	'124279065_/4441726'	3.33	3.33	3.33	0.17	0.47	3.33	1.1 No	0.17	Thermal Discharging
TLK062	320	'4422318_/4422315_2'	3.33	3.33	3.33	0.17	0.73	3.33	1.1 No	0.17	Thermal Discharging
TLK062	321	'8233064_/8233062'	3.33	3.33	3.33	0.17	0.4	3.33	1.1 No	0.17	Thermal Discharging
TLK062	322	'37786446_/7318725_2'	10	10	10	0.5	5.1	10	3.29 No	0.5	Thermal Discharging
TLK062	323	'4422078_/43512193'	3.33	3.33	3.33	0.17	0.3	3.33	1.1 No	0.17	Thermal Discharging
TLK062	324	'4433471_/4433469'	3.33	3.33	3.33	0.17	1.07	3.33	1.1 No	0.17	Thermal Discharging
TLK062	325	'4429557_/4429793'	3.33	3.33	3.33	0.17	0.4	3.33	1.1 No	0.17	Thermal Discharging
TLK062	326	'4422305_/4422315_1'	3.33	3.33	3.33	0.17	0.3	3.33	1.1 No	0.17	Thermal Discharging
TLK062	327	'43737819_/43737821'	3.33	3.33	3.33	0.17	0.5	3.33	1.1 No	0.17	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TLK062	328	'473646740_/8576228'	3.33	3.33	3.33	0.17	0.3	3.33	1.1 No	0.17	Thermal Discharging
TLK062	329	'4422169_/4422166'	3.33	3.33	3.33	0.17	0.3	3.33	1.1 No	0.17	Thermal Discharging
TLK062	330	'4433485_/4433482_2'	3.33	3.33	3.33	0.17	1.07	3.33	1.1 No	0.17	Thermal Discharging
TLK062	331	'43515228_/43515218'	3.33	3.33	3.33	0.17	0.3	3.33	1.1 No	0.17	Thermal Discharging
TLK062	332	'4429556_/4429554'	3.33	3.33	3.33	0.17	0.4	3.33	1.1 No	0.17	Thermal Discharging
TLK062	333	'8576231_/473646762'	3.33	3.33	3.33	0.17	0.3	3.33	1.1 No	0.17	Thermal Discharging
TLK062	334	'124279072_/124279069'	3.33	3.33	3.33	0.17	0.47	3.33	1.1 No	0.17	Thermal Discharging
TLK062	335	'37786138_/7953478'	10	10	10	0.5	10	10	3.29 No	0.5	Thermal Discharging
TLK062	336	'402113942_/37786135'	10	10	10	0.5	10	10	3.29 No	0.5	Thermal Discharging
TLK062	337	'37786152_/37786156'	10	10	10	0.5	10	10	3.29 No	0.5	Thermal Discharging
TLK062	338	'37786173_/37786478'	10	10	10	0.5	2.2	10	3.29 No	0.5	Thermal Discharging
TLK062	339	'37786467_/37786471'	10	10	10	0.5	2.5	10	3.29 No	0.5	Thermal Discharging
TLK062	340	'4433604_/4433601'	3.33	3.33	3.33	0.17	0.3	3.33	1.1 No	0.17	Thermal Discharging
TLK062	341	'8265750_/8265747'	3.33	3.33	3.33	0.17	0.3	3.33	1.1 No	0.17	Thermal Discharging
TLK062	342	'7953689_/7953686'	10	10	10	0.5	2.2	10	3.29 No	0.5	Thermal Discharging
TLK062	343	'7953668_/8233042'	10	10	10	0.5	2.5	10	3.29 No	0.5	Thermal Discharging
TLK062	344	'7953669_/7953666_1'	10	10	10	0.5	2.2	10	3.29 No	0.5	Thermal Discharging
TLK062	345	'8578659_/9523652'	10	10	10	0.5	3.1	10	3.29 No	0.5	Thermal Discharging
TLK062	346	'4433484_/4433482_1'	3.33	3.33	3.33	0.17	0.4	3.33	1.1 No	0.17	Thermal Discharging
TLK062	347	'4433616_/4433614'	3.33	3.33	3.33	0.17	0.3	3.33	1.1 No	0.17	Thermal Discharging
TLK062	348	'43511792_/43511794'	3.33	3.33	3.33	0.17	0.4	3.33	1.1 No	0.17	Thermal Discharging
TLK062	349	'4429413_/4429411'	3.33	3.33	3.33	0.17	0.5	3.33	1.1 No	0.17	Thermal Discharging
TLK062	350	'761453924_/9210346'	3.33	3.33	3.33	0.17	0.3	3.33	1.1 No	0.17	Thermal Discharging
TLK062	351	'7950339_/7950336'	6.67	6.67	6.67	0.34	2.07	6.67	2.19 No	0.34	Thermal Discharging
TLK062	352	'4422292_/4422302'	3.33	3.33	3.33	0.17	0.3	3.33	1.1 No	0.17	Thermal Discharging
TLK062	353	'4429622_/4429619'	3.33	3.33	3.33	0.17	0.4	3.33	1.1 No	0.17	Thermal Discharging
TLK062	354	'4422182_/4422179'	3.33	3.33	3.33	0.17	0.3	3.33	1.1 No	0.17	Thermal Discharging
TLK062	355	'4422601_/43512088'	3.33	3.33	3.33	0.17	0.4	3.33	1.1 No	0.17	Thermal Discharging
TLK062	356	'4422091_/4422088'	3.33	3.33	3.33	0.17	0.3	3.33	1.1 No	0.17	Thermal Discharging
TLK062	357	'4445495_/4445492'	3.33	3.33	3.33	0.17	0.3	3.33	1.1 No	0.17	Thermal Discharging
TLK062	358	'7635038_/8578656'	10	10	10	0.5	3.1	10	3.29 No	0.5	Thermal Discharging
TLK062	359	'7319004_/7319001'	3.33	3.33	3.33	0.17	0.47	3.33	1.1 No	0.17	Thermal Discharging
TLK062	360	'766788239_/8895486'	3.33	3.33	3.33	0.17	0.3	3.33	1.1 No	0.17	Thermal Discharging
TLK062	361	'8576198_/761453946'	3.33	3.33	3.33	0.17	0.3	3.33	1.1 No	0.17	Thermal Discharging
TLK062	362	'4429861_/4429871'	3.33	3.33	3.33	0.17	0.4	3.33	1.1 No	0.17	Thermal Discharging
TLK062	363	'8233219_/9212266'	3.33	3.33	3.33	0.17	0.5	3.33	1.1 No	0.17	Thermal Discharging
TLK062	364	'4429635_/4429632'	3.33	3.33	3.33	0.17	0.4	3.33	1.1 No	0.17	Thermal Discharging
TLK062	365	'4422291_/4422289'	3.33	3.33	3.33	0.17	0.3	3.33	1.1 No	0.17	Thermal Discharging
TLK062	366	'5545621_/5557454'	3.33	3.33	3.33	0.17	0.5	3.33	1.1 No	0.17	Thermal Discharging
TLK062	367	'43512108_/4422205'	3.33	3.33	3.33	0.17	0.3	3.33	1.1 No	0.17	Thermal Discharging
TLK062	368	'4444154_/43515230'	3.33	3.33	3.33	0.17	0.3	3.33	1.1 No	0.17	Thermal Discharging
TLK062	369	'4429492_/4429502'	3.33	3.33	3.33	0.17	0.4	3.33	1.1 No	0.17	Thermal Discharging
TLK062	370	'4429925_/4429923'	3.33	3.33	3.33	0.17	0.5	3.33	1.1 No	0.17	Thermal Discharging
TLK062	371	'43512097_/4422611'	3.33	3.33	3.33	0.17	0.4	3.33	1.1 No	0.17	Thermal Discharging
TLK062	372	'43515308_/43515310'	3.33	3.33	3.33	0.17	0.4	3.33	1.1 No	0.17	Thermal Discharging
TLK062	373	'43515250_/4433666'	3.33	3.33	3.33	0.17	0.3	3.33	1.1 No	0.17	Thermal Discharging
TLK062	374	'4429951_/4429962'	3.33	3.33	3.33	0.17	0.4	3.33	1.1 No	0.17	Thermal Discharging
TLK062	375	'4433577_/4433640'	3.33	3.33	3.33	0.17	0.3	3.33	1.1 No	0.17	Thermal Discharging
TLK062	376	'7317029_/766788261'	3.33	3.33	3.33	0.17	0.3	3.33	1.1 No	0.17	Thermal Discharging
TLK062	377	'4423113_/4423110'	3.33	3.33	3.33	0.17	0.3	3.33	1.1 No	0.17	Thermal Discharging
TLK062	378	'8233203_/8233200'	3.33	3.33	3.33	0.17	0.47	3.33	1.1 No	0.17	Thermal Discharging
TLK062	379	'7632481_/7632478_2'	3.33	3.33	3.33	0.17	0.3	3.33	1.1 No	0.17	Thermal Discharging
TLK062	380	'4422195_/4422192'	3.33	3.33	3.33	0.17	0.3	3.33	1.1 No	0.17	Thermal Discharging
TLK062	381	'4429647_/4429949'	3.33	3.33	3.33	0.17	0.4	3.33	1.1 No	0.17	Thermal Discharging
TLK062	382	'8576306_/8576304'	3.33	3.33	3.33	0.17	0.4	3.33	1.1 No	0.17	Thermal Discharging
TLK062	383	'7953849_/8233216'	3.33	3.33	3.33	0.17	0.5	3.33	1.1 No	0.17	Thermal Discharging
TLK062	384	'8267757_/8267755'	3.33	3.33	3.33	0.17	0.47	3.33	1.1 No	0.17	Thermal Discharging
TLK062	385	'43512064_/4429858'	3.33	3.33	3.33	0.17	0.4	3.33	1.1 No	0.17	Thermal Discharging
TLK062	386	'4444167_/4444164'	3.33	3.33	3.33	0.17	0.3	3.33	1.1 No	0.17	Thermal Discharging
TLK062	387	'374559404_/374559324_1'	3.33	3.33	3.33	0.17	0.1	3.33	1.1 No	0.1	Element Fault
TLK062	388	'4429886_/4429936'	3.33	3.33	3.33	0.17	0.5	3.33	1.1 No	0.17	Thermal Discharging
TLK062	389	'5545620_/5545618'	3.33	3.33	3.33	0.17	0.5	3.33	1.1 No	0.17	Thermal Discharging
TLK062	390	'8267861_/8578484'	3.33	3.33	3.33	0.17	0.47	3.33	1.1 No	0.17	Thermal Discharging
TLK062	391	'4433578_/4433575'	3.33	3.33	3.33	0.17	0.3	3.33	1.1 No	0.17	Thermal Discharging
TLK062	392	'4429479_/4429489'	3.33	3.33	3.33	0.17	0.4	3.33	1.1 No	0.17	Thermal Discharging
TLK062	393	'255617236_/255617245'	3.33	3.33	3.33	0.17	0.3	3.33	1.1 No	0.17	Thermal Discharging
TLK062	394	'4429887_/4429884'	3.33	3.33	3.33	0.17	0.5	3.33	1.1 No	0.17	Thermal Discharging
TLK062	395	'7635055_/8268017'	10	10	10	0.5	3.1	10	3.29 No	0.5	Thermal Discharging
TLK062	396	'7953848_/7953846'	3.33	3.33	3.33	0.17	0.5	3.33	1.1 No	0.17	Thermal Discharging
TLK062	397	'374559279_/374559324_2'	3.33	3.33	3.33	0.17	0.1	3.33	1.1 No	0.1	Element Fault
TLK062	398	'9210381_/9210442'	3.33	3.33	3.33	0.17	0.3	3.33	1.1 No	0.17	Thermal Discharging
TLK062	399	'4422627_/43512099'	3.33	3.33	3.33	0.17	0.4	3.33	1.1 No	0.17	Thermal Discharging
TLK062	400	'4445508_/4445505'	3.33	3.33	3.33	0.17	0.3	3.33	1.1 No	0.17	Thermal Discharging
TLK062	401	'4429648_/4429645'	3.33	3.33	3.33	0.17	0.4	3.33	1.1 No	0.17	Thermal Discharging
TLK062	402	'4423126_/4423123'	3.33	3.33	3.33	0.17	0.3	3.33	1.1 No	0.17	Thermal Discharging
TLK062	403	'4443354_/4443351'	3.33	3.33	3.33	0.17	0.3	3.33	1.1 No	0.17	Thermal Discharging
TLK062	404	'7317013_/412635616'	3.33	3.33	3.33	0.17	0.3	3.33	1.1 No	0.17	Thermal Discharging
TLK062	405	'43515194_/43515196'	3.33	3.33	3.33	0.17	0.4	3.33	1.1 No	0.17	Thermal Discharging
TLK062	406	'4429847_/4429845'	3.33	3.33	3.33	0.17	0.4	3.33	1.1 No	0.17	Thermal Discharging
TLK062	407	'4429900_/4429910_2'	3.33	3.33	3.33	0.17	0.5	3.33	1.1 No	0.17	Thermal Discharging
TLK062	408	'43515355_/43515379'	3.33	3.33	3.33	0.17	0.3	3.33	1.1 No	0.17	Thermal Discharging
TLK062	409	'4429478_/4429476'	3.33	3.33	3.33	0.17	0.4	3.33	1.1 No	0.17	Thermal Discharging
TLK062	410	'8265886_/9523488'	3.33	3.33	3.33	0.17	0.4	3.33	1.1 No	0.17	Thermal Discharging
TLK062	411	'4429381_/4429910_1'	3.33	3.33	3.33	0.17	0.3	3.33	1.1 No	0.17	Thermal Discharging
TLK062	412	'4422640_/4422637'	3.33	3.33	3.33	0.17	0.4	3.33	1.1 No	0.17	Thermal Discharging
TLK062	413	'43515366_/4433653'	3.33	3.33	3.33	0.17	0.3	3.33	1.1 No	0.17	Thermal Discharging
TLK062	414	'762017656_/371003879'	3.33	3.33	3.33	0.17	0.3	3.33	1.1 No	0.17	Thermal Discharging
TLK062	415	'8267845_/8267843'	3.33	3.33	3.33	0.17	0.5	3.33	1.1 No	0.17	Thermal Discharging
TLK062	416	'4444389_/4444386'	3.33	3.33	3.33	0.17	0.3	3.33	1.1 No	0.17	Thermal Discharging
TLK062	417	'7317030_/762017676'	3.33	3.33	3.33	0.17	0.3	3.33	1.1 No	0.17	Thermal Discharging
TLK062	418	'4443367_/4443364'	3.33	3.33	3.33	0.17	0.3	3.33	1.1 No	0.17	Thermal Discharging
TLK062	419	'43738296_/43738298'	3.33	3.33	3.33	0.17	0.5	3.33	1.1 No	0.17	Thermal Discharging
TLK062	420	'4429661_/4429658'	3.33	3.33	3.33	0.17	0.4	3.33	1.1 No	0.17	Thermal Discharging
TLK062	421	'4430726_/4430932'	3.33	3.33	3.33	0.17	0.5	3.33	1.1 No	0.17	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over- Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TLK062	422	'4421064_/4444086'		3.33	3.33	3.33	0.17	0.4	3.33	1.1 No	0.17 Thermal Discharging
TLK062	423	'43512261_/4423136'		3.33	3.33	3.33	0.17	0.3	3.33	1.1 No	0.17 Thermal Discharging
TLK062	424	'4442403_/4442413'		3.33	3.33	3.33	0.17	0.4	3.33	1.1 No	0.17 Thermal Discharging
TLK062	425	'7634854_/8267859'		3.33	3.33	3.33	0.17	0.47	3.33	1.1 No	0.17 Thermal Discharging
TLK062	426	'7317014_/7317011'		3.33	3.33	3.33	0.17	0.3	3.33	1.1 No	0.17 Thermal Discharging
TLK062	427	'7634855_/8578556_1'		0.9	3.33	3.33	0.17	0.5	3.33	1.1 No	0.17 Thermal Discharging
TLK062	428	'43513527_/43512910'		3.33	3.33	3.33	0.17	0.3	3.33	1.1 No	0.17 Thermal Discharging
TLK062	429	'7635054_/7635052'		10	10	10	0.5	3.1	10	3.29 No	0.5 Thermal Discharging
TLK062	430	'4433695_/4433692'		3.33	3.33	3.33	0.17	0.3	3.33	1.1 No	0.17 Thermal Discharging
TLK062	431	'43512272_/4422650'		3.33	3.33	3.33	0.17	0.4	3.33	1.1 No	0.17 Thermal Discharging
TLK062	432	'8898195_/9490918'		3.33	3.33	3.33	0.17	0.5	3.33	1.1 No	0.17 Thermal Discharging
TLK062	433	'7317046_/9210378'		3.33	3.33	3.33	0.17	0.3	3.33	1.1 No	0.17 Thermal Discharging
TLK062	434	'7632496_/7632494'		3.33	3.33	3.33	0.17	0.3	3.33	1.1 No	0.17 Thermal Discharging
TLK062	435	'43515261_/43515368'		3.33	3.33	3.33	0.17	0.3	3.33	1.1 No	0.17 Thermal Discharging
TLK062	436	'4421051_/4421061'		3.33	3.33	3.33	0.17	0.4	3.33	1.1 No	0.17 Thermal Discharging
TLK062	437	'5557444_/5560990'		3.33	3.33	3.33	0.17	0.5	3.33	1.1 No	0.17 Thermal Discharging
TLK062	438	'507640218_/8268037'		10	10	10	0.5	3.1	10	3.29 No	0.5 Thermal Discharging
TLK062	439	'43511814_/4429671'		3.33	3.33	3.33	0.17	0.4	3.33	1.1 No	0.17 Thermal Discharging
TLK062	440	'507640258_/9521556'		10	10	10	0.5	3.1	10	3.29 No	0.5 Thermal Discharging
TLK062	441	'4430727_/4430724'		3.33	3.33	3.33	0.17	0.5	3.33	1.1 No	0.17 Thermal Discharging
TLK062	442	'4444326_/4444323'		3.33	3.33	3.33	0.17	0.3	3.33	1.1 No	0.17 Thermal Discharging
TLK062	443	'4442402_/4442400'		3.33	3.33	3.33	0.17	0.4	3.33	1.1 No	0.17 Thermal Discharging
TLK062	444	'4429301_/4429311'		3.33	3.33	3.33	0.17	0.3	3.33	1.1 No	0.17 Thermal Discharging
TLK062	445	'8577511_/9212114'		10	10	10	0.5	3.1	10	3.29 No	0.5 Thermal Discharging
TLK062	446	'8898194_/8898192'		3.33	3.33	3.33	0.17	0.5	3.33	1.1 No	0.17 Thermal Discharging
TLK062	447	'4430740_/4430737'		3.33	3.33	3.33	0.17	0.5	3.33	1.1 No	0.17 Thermal Discharging
TLK062	448	'507640377_/507640662'		10	10	10	0.5	3.1	10	3.29 No	0.5 Thermal Discharging
TLK062	449	'4430895_/4430893_1'		3.33	3.33	3.33	0.17	0.3	3.33	1.1 No	0.17 Thermal Discharging
TLK062	450	'4423191_/4423188'		3.33	3.33	3.33	0.17	0.4	3.33	1.1 No	0.17 Thermal Discharging
TLK062	451	'43511581_/43511583'		3.33	3.33	3.33	0.17	0.4	3.33	1.1 No	0.17 Thermal Discharging
TLK062	452	'507640875_/507640391'		10	10	10	0.5	3.1	10	3.29 No	0.5 Thermal Discharging
TLK062	453	'4423152_/43512263'		3.33	3.33	3.33	0.17	0.3	3.33	1.1 No	0.17 Thermal Discharging
TLK062	454	'4433656_/43515263'		3.33	3.33	3.33	0.17	0.3	3.33	1.1 No	0.17 Thermal Discharging
TLK062	455	'4430752_/4430750'		3.33	3.33	3.33	0.17	0.5	3.33	1.1 No	0.17 Thermal Discharging
TLK062	456	'507640846_/507640355'		10	10	10	0.5	3.1	10	3.29 No	0.5 Thermal Discharging
TLK062	457	'4429687_/4429684'		3.33	3.33	3.33	0.17	0.4	3.33	1.1 No	0.17 Thermal Discharging
TLK062	458	'4430791_/4430893_2'		3.33	3.33	3.33	0.17	0.3	3.33	1.1 No	0.17 Thermal Discharging
TLK062	459	'4421022_/4421048'		3.33	3.33	3.33	0.17	0.4	3.33	1.1 No	0.17 Thermal Discharging
TLK062	460	'8576407_/8576404'		3.33	3.33	3.33	0.17	0.3	3.33	1.1 No	0.17 Thermal Discharging
TLK062	461	'43512283_/4423201'		3.33	3.33	3.33	0.17	0.4	3.33	1.1 No	0.17 Thermal Discharging
TLK062	462	'43513516_/4429298'		3.33	3.33	3.33	0.17	0.3	3.33	1.1 No	0.17 Thermal Discharging
TLK062	463	'454324413_/412635627_1'		3.33	3.33	3.33	0.17	0.3	3.33	1.1 No	0.17 Thermal Discharging
TLK062	464	'4430831_/4430828'		3.33	3.33	3.33	0.17	0.5	3.33	1.1 No	0.17 Thermal Discharging
TLK062	465	'8267774_/9212282'		3.33	3.33	3.33	0.17	0.5	3.33	1.1 No	0.17 Thermal Discharging
TLK062	466	'4423165_/4423162'		3.33	3.33	3.33	0.17	0.3	3.33	1.1 No	0.17 Thermal Discharging
TLK062	467	'4430843_/4430841_1'		3.33	3.33	3.33	0.17	0.3	3.33	1.1 No	0.17 Thermal Discharging
TLK062	468	'43737808_/5557441'		3.33	3.33	3.33	0.17	0.5	3.33	1.1 No	0.17 Thermal Discharging
TLK062	469	'7317045_/7317043'		3.33	3.33	3.33	0.17	0.3	3.33	1.1 No	0.17 Thermal Discharging
TLK062	470	'8577510_/8577508'		10	10	10	0.5	3.1	10	3.29 No	0.5 Thermal Discharging
TLK062	471	'4430792_/4430789'		3.33	3.33	3.33	0.17	0.3	3.33	1.1 No	0.17 Thermal Discharging
TLK062	472	'472513613_/472513635'		3.33	3.33	3.33	0.17	0.3	3.33	1.1 No	0.17 Thermal Discharging
TLK062	473	'4429700_/4429697'		3.33	3.33	3.33	0.17	0.4	3.33	1.1 No	0.17 Thermal Discharging
TLK062	474	'43511570_/43511572'		3.33	3.33	3.33	0.17	0.4	3.33	1.1 No	0.17 Thermal Discharging
TLK062	475	'8895864_/8895862'		10	10	10	0.5	3.1	10	3.29 No	0.5 Thermal Discharging
TLK062	476	'8267773_/8267771'		3.33	3.33	3.33	0.17	0.5	3.33	1.1 No	0.17 Thermal Discharging
TLK062	477	'4423217_/43512285'		3.33	3.33	3.33	0.17	0.4	3.33	1.1 No	0.17 Thermal Discharging
TLK062	478	'43513504_/43513506'		3.33	3.33	3.33	0.17	0.3	3.33	1.1 No	0.17 Thermal Discharging
TLK062	479	'9523675_/9523692'		10	10	10	0.5	3.1	10	3.29 No	0.5 Thermal Discharging
TLK062	480	'4430805_/4430802'		3.33	3.33	3.33	0.17	0.3	3.33	1.1 No	0.17 Thermal Discharging
TLK062	481	'8576214_/8576212'		3.33	3.33	3.33	0.17	0.3	3.33	1.1 No	0.17 Thermal Discharging
TLK062	482	'4430674_/4430841_2'		3.33	3.33	3.33	0.17	0.3	3.33	1.1 No	0.17 Thermal Discharging
TLK062	483	'4423178_/4423175'		3.33	3.33	3.33	0.17	0.3	3.33	1.1 No	0.17 Thermal Discharging
TLK062	484	'4430766_/4430763'		3.33	3.33	3.33	0.17	0.3	3.33	1.1 No	0.17 Thermal Discharging
TLK062	485	'4420912_/4420922'		3.33	3.33	3.33	0.17	0.4	3.33	1.1 No	0.17 Thermal Discharging
TLK062	486	'410414546_/410414544'		3.33	3.33	3.33	0.17	0.5	3.33	1.1 No	0.17 Thermal Discharging
TLK062	487	'4429570_/4429710'		3.33	3.33	3.33	0.17	0.4	3.33	1.1 No	0.17 Thermal Discharging
TLK062	488	'427113973_/410414596_1'		1.07	3.33	3.33	0.17	0.3	3.33	1.1 No	0.17 Thermal Discharging
TLK062	489	'427113979_/410414580_1'		3.33	3.33	3.33	0.17	0.3	3.33	1.1 No	0.17 Thermal Discharging
TLK062	490	'4427698_/4427695'		3.33	3.33	3.33	0.17	0.4	3.33	1.1 No	0.17 Thermal Discharging
TLK062	491	'9523451_/9523672'		10	10	10	0.5	3.1	10	3.29 No	0.5 Thermal Discharging
TLK062	492	'4420899_/4420909'		3.33	3.33	3.33	0.17	0.4	3.33	1.1 No	0.17 Thermal Discharging
TLK062	493	'7635039_/7635036'		3.33	3.33	3.33	0.17	1.03	3.33	1.1 No	0.17 Thermal Discharging
TLK062	494	'431992768_/4430945_2'		3.33	3.33	3.33	0.17	0.3	3.33	1.1 No	0.17 Thermal Discharging
TLK062	495	'4430675_/4430672'		3.33	3.33	3.33	0.17	0.3	3.33	1.1 No	0.17 Thermal Discharging
TLK062	496	'43512862_/4430919'		3.33	3.33	3.33	0.17	0.3	3.33	1.1 No	0.17 Thermal Discharging
TLK062	497	'4430662_/4430945_1'		3.33	3.33	3.33	0.17	0.1	3.33	1.1 No	0.1 Element Fault
TLK062	498	'4430778_/4430776'		3.33	3.33	3.33	0.17	0.3	3.33	1.1 No	0.17 Thermal Discharging
TLK062	499	'7952097_/8895502'		3.33	3.33	3.33	0.17	0.3	3.33	1.1 No	0.17 Thermal Discharging
TLK062	500	'4443483_/4443480'		3.33	3.33	3.33	0.17	0.3	3.33	1.1 No	0.17 Thermal Discharging
TLK062	501	'4429275_/4429285'		3.33	3.33	3.33	0.17	0.3	3.33	1.1 No	0.17 Thermal Discharging
TLK062	502	'9210497_/9523448'		10	10	10	0.5	3.1	10	3.29 No	0.5 Thermal Discharging
TLK062	503	'4420886_/4420896'		3.33	3.33	3.33	0.17	0.4	3.33	1.1 No	0.17 Thermal Discharging
TLK062	504	'4429569_/43511805'		3.33	3.33	3.33	0.17	0.4	3.33	1.1 No	0.17 Thermal Discharging
TLK062	505	'8578371_/8578500'		3.33	3.33	3.33	0.17	0.5	3.33	1.1 No	0.17 Thermal Discharging
TLK062	506	'4430818_/4430815'		3.33	3.33	3.33	0.17	0.3	3.33	1.1 No	0.17 Thermal Discharging
TLK062	507	'350181028_/4430880_2'		3.33	3.33	3.33	0.17	0.3	3.33	1.1 No	0.17 Thermal Discharging
TLK062	508	'43512851_/4430685'		3.33	3.33	3.33	0.17	0.3	3.33	1.1 No	0.17 Thermal Discharging
TLK062	509	'7317078_/9210494'		10	10	10	0.5	3.1	10	3.29 No	0.5 Thermal Discharging
TLK062	510	'4429259_/4429272'		3.33	3.33	3.33	0.17	0.3	3.33	1.1 No	0.17 Thermal Discharging
TLK062	511	'4420873_/4420883'		3.33	3.33	3.33	0.17	0.4	3.33	1.1 No	0.17 Thermal Discharging
TLK062	512	'4430649_/4430659'		3.33	3.33	3.33	0.17	0.1	3.33	1.1 No	0.1 Element Fault
TLK062	513	'4427658_/4430880_1'		3.33	3.33	3.33	0.17	0.3	3.33	1.1 No	0.17 Thermal Discharging
TLK062	514	'4430922_/43512864'		3.33	3.33	3.33	0.17	0.3	3.33	1.1 No	0.17 Thermal Discharging
TLK062	515	'7952096_/7952094_1'		3.33	3.33	3.33	0.17	0.3	3.33	1.1 No	0.17 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Over-Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TLK062	516	'43511559_/_4420870'	3.33	3.33	3.33	0.17	0.4	3.33	1.1 No	0.17	Thermal Discharging
TLK062	517	'9210365_/_9523372'	3.33	3.33	3.33	0.17	0.3	3.33	1.1 No	0.17	Thermal Discharging
TLK062	518	'4430701_/_43512853'	3.33	3.33	3.33	0.17	0.3	3.33	1.1 No	0.17	Thermal Discharging
TLK062	519	'8578370_/_8578368'	3.33	3.33	3.33	0.17	0.5	3.33	1.1 No	0.17	Thermal Discharging
TLK062	520	'452819306_/_452819326'	3.33	3.33	3.33	0.17	0.3	3.33	1.1 No	0.17	Thermal Discharging
TLK062	521	'410414757_/_410414580_2'	1.4	3.33	3.33	0.17	0.3	3.33	1.1 No	0.17	Thermal Discharging
TLK062	522	'7317077_/_7317075'	10	10	10	0.5	3.1	10	3.29 No	0.5	Thermal Discharging
TLK062	523	'4420980_/_4429256'	3.33	3.33	3.33	0.17	0.3	3.33	1.1 No	0.17	Thermal Discharging
TLK062	524	'43511759_/_4427656'	3.33	3.33	3.33	0.17	0.3	3.33	1.1 No	0.17	Thermal Discharging
TLK062	525	'7632325_/_7632322'	10	10	10	0.5	3.1	10	3.29 No	0.5	Thermal Discharging
TLK062	526	'43511737_/_43511739'	3.33	3.33	3.33	0.17	0.1	3.33	1.1 No	0.1	Element Fault
TLK062	527	'4420847_/_4420857'	3.33	3.33	3.33	0.17	0.4	3.33	1.1 No	0.17	Thermal Discharging
TLK062	528	'8895349_/_8895346'	10	10	10	0.5	3.1	10	3.29 No	0.5	Thermal Discharging
TLK062	529	'5560756_/_410414580_3'	1.23	3.33	3.33	0.17	0.3	3.33	1.1 No	0.17	Thermal Discharging
TLK062	530	'4421339_/_4430711'	1.6	3.33	3.33	0.17	0.3	3.33	1.1 No	0.17	Thermal Discharging
TLK062	531	'4420993_/_4420990'	1.53	3.33	3.33	0.17	0.3	3.33	1.1 No	0.17	Thermal Discharging
TLK062	532	'410414838_/_5560770_2'	1.2	3.33	3.33	0.17	0.3	3.33	1.1 No	0.17	Thermal Discharging
TLK062	533	'4420834_/_4420844'	3.33	3.33	3.33	0.17	0.4	3.33	1.1 No	0.17	Thermal Discharging
TLK062	534	'8575994_/_9523288'	10	10	10	0.5	3.1	10	3.29 No	0.5	Thermal Discharging
TLK062	535	'4420954_/_4420964'	1.37	3.33	3.33	0.17	0.3	3.33	1.1 No	0.17	Thermal Discharging
TLK062	536	'5560728_/_5560770_1'	1.13	3.33	3.33	0.17	0.3	3.33	1.1 No	0.17	Thermal Discharging
TLK062	537	'410414763_/_410414596_3'	1.1	3.33	3.33	0.17	0.3	3.33	1.1 No	0.17	Thermal Discharging
TLK062	538	'4421365_/_43511761'	1.33	3.33	3.33	0.17	0.3	3.33	1.1 No	0.17	Thermal Discharging
TLK062	539	'4421327_/_4430633'	1.3	3.33	3.33	0.17	0.1	3.33	1.1 No	0.1	Element Fault
TLK062	540	'7951896_/_8575992'	10	10	10	0.5	3.1	10	3.29 No	0.5	Thermal Discharging
TLK062	541	'5560757_/_5560754'	1.07	3.33	3.33	0.17	0.3	3.33	1.1 No	0.17	Thermal Discharging
TLK062	542	'393196767_/_393196553_1'	1.07	3.33	3.33	0.17	0.1	3.33	1.1 No	0.1	Element Fault
TLK062	543	'4421006_/_4421003'	1.27	3.33	3.33	0.17	0.3	3.33	1.1 No	0.17	Thermal Discharging
TLK062	544	'4420821_/_4420831'	3.33	3.33	3.33	0.17	0.4	3.33	1.1 No	0.17	Thermal Discharging
TLK062	545	'7632561_/_7951894'	10	10	10	0.5	3.1	10	3.29 No	0.5	Thermal Discharging
TLK062	546	'5560866_/_5560864'	1.03	3.33	3.33	0.17	0.3	3.33	1.1 No	0.17	Thermal Discharging
TLK062	547	'4421340_/_4421337'	1.17	3.33	3.33	0.17	0.3	3.33	1.1 No	0.17	Thermal Discharging
TLK062	548	'4421366_/_4421363'	1.17	3.33	3.33	0.17	0.3	3.33	1.1 No	0.17	Thermal Discharging
TLK062	549	'5545595_/_5560725'	1.03	3.33	3.33	0.17	0.3	3.33	1.1 No	0.17	Thermal Discharging
TLK062	550	'4420941_/_4420951'	1.13	3.33	3.33	0.17	0.3	3.33	1.1 No	0.17	Thermal Discharging
TLK062	551	'50345263_/_9610049_2'	1	3.33	3.33	0.17	0.3	3.33	1.1 No	0.17	Thermal Discharging
TLK062	552	'43511770_/_4421415'	1.13	3.33	3.33	0.17	0.3	3.33	1.1 No	0.17	Thermal Discharging
TLK062	553	'4420808_/_4420818'	1.3	3.33	3.33	0.17	0.4	3.33	1.1 No	0.17	Thermal Discharging
TLK062	554	'4421326_/_4421324'	1.07	3.33	3.33	0.17	0.1	3.33	1.1 No	0.1	Element Fault
TLK062	555	'5561419_/_5561417'	0.93	3.33	3.33	0.17	0.3	3.33	1.1 No	0.17	Thermal Discharging
TLK062	556	'67485422_/_67485280_1'	1.23	3.33	3.33	0.17	0.4	3.33	1.1 No	0.17	Thermal Discharging
TLK062	557	'5545594_/_5545592'	0.93	3.33	3.33	0.17	0.3	3.33	1.1 No	0.17	Thermal Discharging
TLK062	558	'4421379_/_4421376'	1.03	3.33	3.33	0.17	0.3	3.33	1.1 No	0.17	Thermal Discharging
TLK062	559	'4420807_/_67485309'	1.17	3.33	3.33	0.17	0.4	3.33	1.1 No	0.17	Thermal Discharging
TLK062	560	'4421431_/_43511772'	1.03	3.33	3.33	0.17	0.3	3.33	1.1 No	0.17	Thermal Discharging
TLK062	561	'53185486_/_53185488'	10	10	10	0.5	3.1	10	3.29 No	0.5	Thermal Discharging
TLK062	562	'43511748_/_4421350'	1	3.33	3.33	0.17	0.3	3.33	1.1 No	0.17	Thermal Discharging
TLK062	563	'8578559_/_8898208'	0.9	3.33	3.33	0.17	0.5	3.33	1.1 No	0.17	Thermal Discharging
TLK062	564	'4420940_/_4420938'	0.97	3.33	3.33	0.17	0.3	3.33	1.1 No	0.17	Thermal Discharging
TLK062	565	'4421733_/_4421743'	0.97	3.33	3.33	0.17	0.1	3.33	1.1 No	0.1	Element Fault
TLK062	566	'4421392_/_4421389'	0.93	3.33	3.33	0.17	0.3	3.33	1.1 No	0.17	Thermal Discharging
TLK062	567	'67485273_/_67485280_2'	1.03	3.33	3.33	0.17	0.4	3.33	1.1 No	0.17	Thermal Discharging
TLK062	568	'43737731_/_43737733'	0.83	3.33	3.33	0.17	0.3	3.33	1.1 No	0.17	Thermal Discharging
TLK062	569	'4421444_/_4421441'	0.97	3.33	3.33	0.17	0.3	3.33	1.1 No	0.17	Thermal Discharging
TLK062	570	'53185551_/_53185558'	10	10	10	0.5	3.1	10	3.29 No	0.5	Thermal Discharging
TLK062	571	'7405107_/_393196553_2'	0.8	3.33	3.33	0.17	0.1	3.33	1.1 No	0.1	Element Fault
TLK062	572	'4430459_/_4430456'	0.87	3.33	3.33	0.17	0.3	3.33	1.1 No	0.17	Thermal Discharging
TLK062	573	'4421405_/_4421402'	0.87	3.33	3.33	0.17	0.3	3.33	1.1 No	0.17	Thermal Discharging
TLK062	574	'4421457_/_4421454'	0.93	3.33	3.33	0.17	0.3	3.33	1.1 No	0.17	Thermal Discharging
TLK062	575	'43511726_/_43511728'	0.87	3.33	3.33	0.17	0.1	3.33	1.1 No	0.1	Element Fault
TLK062	576	'5557127_/_5557137'	0.8	3.33	3.33	0.17	0.3	3.33	1.1 No	0.17	Thermal Discharging
TLK062	577	'9610052_/_9610049_1'	0.77	3.33	3.33	0.17	0.1	3.33	1.1 No	0.1	Element Fault
TLK062	578	'53185517_/_53185579'	4.3	10	10	0.5	3.1	10	3.29 No	0.5	Thermal Discharging
TLK062	579	'7405106_/_7405104'	0.77	3.33	3.33	0.17	0.1	3.33	1.1 No	0.1	Element Fault
TLK062	580	'4430472_/_4430469'	0.8	3.33	3.33	0.17	0.3	3.33	1.1 No	0.17	Thermal Discharging
TLK062	581	'70249963_/_43513606_2'	0.8	3.33	3.33	0.17	0.3	3.33	1.1 No	0.17	Thermal Discharging
TLK062	582	'54744239_/_54744241'	4	10	10	0.5	3.1	10	3.29 No	0.5	Thermal Discharging
TLK062	583	'8265885_/_8265883_1'	0.8	3.33	3.33	0.17	0.3	3.33	1.1 No	0.17	Thermal Discharging
TLK062	584	'4421732_/_4421730'	0.8	3.33	3.33	0.17	0.1	3.33	1.1 No	0.1	Element Fault
TLK062	585	'5557111_/_5557124'	0.73	3.33	3.33	0.17	0.3	3.33	1.1 No	0.17	Thermal Discharging
TLK062	586	'54744270_/_54744299'	3.5	10	10	0.5	3.1	10	3.29 No	0.5	Thermal Discharging
TLK062	587	'7632560_/_7632558'	3.2	10	10	0.5	3.1	10	3.29 No	0.5	Thermal Discharging
TLK062	588	'4430485_/_43513606_1'	0.73	3.33	3.33	0.17	0.3	3.33	1.1 No	0.17	Thermal Discharging
TLK062	589	'612154857_/_7952322'	3.1	10	10	0.5	3.1	10	3.29 No	0.5	Thermal Discharging
TLK062	590	'612154818_/_612154902'	3.1	10	10	0.5	3.1	10	3.29 No	0.5	Thermal Discharging
TLK062	591	'4430498_/_4430495'	0.73	3.33	3.33	0.17	0.3	3.33	1.1 No	0.17	Thermal Discharging
TLK062	592	'612154836_/_612154918'	3.1	10	10	0.5	3.1	10	3.29 No	0.5	Thermal Discharging
TLK062	593	'5557098_/_5557108'	0.67	3.33	3.33	0.17	0.3	3.33	1.1 No	0.17	Thermal Discharging
TLK062	594	'43737720_/_43737722'	0.67	3.33	3.33	0.17	0.3	3.33	1.1 No	0.17	Thermal Discharging
TLK062	595	'43737742_/_5557163'	0.63	3.33	3.33	0.17	0.3	3.33	1.1 No	0.17	Thermal Discharging
TLK062	596	'43513615_/_4430547'	0.67	3.33	3.33	0.17	0.3	3.33	1.1 No	0.17	Thermal Discharging
TLK062	597	'5557097_/_5557095'	0.63	3.33	3.33	0.17	0.3	3.33	1.1 No	0.17	Thermal Discharging
TLK062	598	'4430511_/_4430508'	0.67	3.33	3.33	0.17	0.3	3.33	1.1 No	0.17	Thermal Discharging
TLK062	599	'5557179_/_43737744'	0.6	3.33	3.33	0.17	0.3	3.33	1.1 No	0.17	Thermal Discharging
TLK062	600	'4430550_/_43513617'	0.63	3.33	3.33	0.17	0.3	3.33	1.1 No	0.17	Thermal Discharging
TLK062	601	'4430524_/_4430521'	0.63	3.33	3.33	0.17	0.3	3.33	1.1 No	0.17	Thermal Discharging
TLK062	602	'5557331_/_5557328'	0.6	3.33	3.33	0.17	0.3	3.33	1.1 No	0.17	Thermal Discharging
TLK062	603	'43737775_/_5557341'	0.57	3.33	3.33	0.17	0.3	3.33	1.1 No	0.17	Thermal Discharging
TLK062	604	'43737753_/_5557189'	0.57	3.33	3.33	0.17	0.3	3.33	1.1 No	0.17	Thermal Discharging
TLK062	605	'4430537_/_4430534'	0.6	3.33	3.33	0.17	0.3	3.33	1.1 No	0.17	Thermal Discharging
TLK062	606	'5557205_/_5557202'	0.53	3.33	3.33	0.17	0.3	3.33	1.1 No	0.17	Thermal Discharging
TLK062	607	'488876451_/_5557215'	0.53	3.33	3.33	0.17	0.3	3.33	1.1 No	0.17	Thermal Discharging
TLK062	608	'5557231_/_5557228'	0.53	3.33	3.33	0.17	0.3	3.33	1.1 No	0.17	Thermal Discharging
TLK062	609	'43737780_/_43737777'	0.53	3.33	3.33	0.17	0.3	3.33	1.1 No	0.17	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TLK062	610	'5557302_/_5557299'		0.53	3.33	3.33	0.17	0.3	3.33	1.1 No	0.17 Thermal Discharging
TLK062	611	'43737764_/_5557257'		0.53	3.33	3.33	0.17	0.3	3.33	1.1 No	0.17 Thermal Discharging
TLK062	612	'5557244_/_5557241'		0.5	3.33	3.33	0.17	0.3	3.33	1.1 No	0.17 Thermal Discharging
TLK062	613	'5557318_/_5557315'		0.5	3.33	3.33	0.17	0.3	3.33	1.1 No	0.17 Thermal Discharging
TLK062	614	'5557273_/_5557270'		0.5	3.33	3.33	0.17	0.3	3.33	1.1 No	0.17 Thermal Discharging
TLK062	615	'5557286_/_5557283'		0.47	3.33	3.33	0.17	0.3	3.33	1.1 No	0.17 Thermal Discharging
TLK064	0	'TLK064_/_7404852'		10	10	10	0.28	10	10	10 No	0.28 Thermal Discharging
TLK064	1	'7404855_/_7404852'		10	10	10	0.28	10	10	5.68 No	0.28 Thermal Discharging
TLK064	2	'8982488_/_8982525'		10	10	10	0.28	10	10	5.68 No	0.28 Thermal Discharging
TLK064	3	'8662614_/_8982485'		10	10	10	0.28	10	10	5.68 No	0.28 Thermal Discharging
TLK064	4	'8662613_/_8662611'		10	10	10	0.28	10	10	5.68 No	0.28 Thermal Discharging
TLK064	5	'7404743_/_9609257'		10	10	10	0.28	10	10	5.68 No	0.28 Thermal Discharging
TLK064	6	'7404742_/_7404740'		10	10	10	0.28	10	10	5.68 No	0.28 Thermal Discharging
TLK064	7	'7718236_/_8662591'		10	10	10	0.28	10	10	5.68 No	0.28 Thermal Discharging
TLK064	8	'7404707_/_7718234'		10	10	10	0.28	10	10	5.68 No	0.28 Thermal Discharging
TLK064	9	'7404706_/_7404704'		10	10	10	0.28	10	10	5.68 No	0.28 Thermal Discharging
TLK064	10	'253218900_/_7404908'		10	10	10	0.28	10	10	5.68 No	0.28 Thermal Discharging
TLK064	11	'253218973_/_253219068'		10	10	10	0.28	10	10	5.68 No	0.28 Thermal Discharging
TLK064	12	'253218956_/_253218761'		10	10	10	0.28	10	10	5.68 No	0.28 Thermal Discharging
TLK064	13	'253218955_/_253218737'		10	10	10	0.28	4.5	10	5.68 No	0.28 Thermal Discharging
TLK064	14	'253218967_/_253218753'		10	10	10	0.28	10	10	5.68 No	0.28 Thermal Discharging
TLK064	15	'253218845_/_253219043'		10	10	10	0.28	10	10	5.68 No	0.28 Thermal Discharging
TLK064	16	'114814954_/_253218853_2'		10	10	10	0.28	10	10	5.68 No	0.28 Thermal Discharging
TLK064	17	'5530828_/_253218853_1'		10	10	10	0.28	10	10	5.68 No	0.28 Thermal Discharging
TLK064	18	'43733827_/_5530825'		10	10	10	0.28	10	10	5.68 No	0.28 Thermal Discharging
TLK064	19	'5530844_/_5544447'		10	10	10	0.28	10	10	5.68 No	0.28 Thermal Discharging
TLK064	20	'767344029_/_5542788_1'	3.33	3.33	3.33	0.09	1	3.33	1.89 No	0.09 Thermal Discharging	
TLK064	21	'43732979_/_5530842'		10	10	10	0.28	10	10	5.68 No	0.28 Thermal Discharging
TLK064	22	'5530862_/_5530859'		10	10	10	0.28	10	10	5.68 No	0.28 Thermal Discharging
TLK064	23	'5530879_/_5530876'		10	10	10	0.28	10	10	5.68 No	0.28 Thermal Discharging
TLK064	24	'5530896_/_5530893'		10	10	10	0.28	10	10	5.68 No	0.28 Thermal Discharging
TLK064	25	'5530913_/_5530910'		10	10	10	0.28	10	10	5.68 No	0.28 Thermal Discharging
TLK064	26	'5530930_/_5530927'		10	10	10	0.28	10	10	5.68 No	0.28 Thermal Discharging
TLK064	27	'5544519_/_5544529_1'	3.33	3.33	3.33	0.09	0.4	3.33	1.89 No	0.09 Thermal Discharging	
TLK064	28	'5530947_/_5530944'		10	10	10	0.28	10	10	5.68 No	0.28 Thermal Discharging
TLK064	29	'43732361_/_5542788_2'	3.33	3.33	3.33	0.09	1	3.33	1.89 No	0.09 Thermal Discharging	
TLK064	30	'457480550_/_43734996_1'		10	10	10	0.28	1.4	10	5.68 No	0.28 Thermal Discharging
TLK064	31	'43735290_/_7098457'		10	10	10	0.28	10	10	5.68 No	0.28 Thermal Discharging
TLK064	32	'5553209_/_43735292'		10	10	10	0.28	10	10	5.68 No	0.28 Thermal Discharging
TLK064	33	'5553210_/_5559688_2'		10	10	10	0.28	3.2	10	5.68 No	0.28 Thermal Discharging
TLK064	34	'44074149_/_5555697'		10	10	10	0.28	10	10	5.68 No	0.28 Thermal Discharging
TLK064	35	'43735303_/_44074151'		10	10	10	0.28	10	10	5.68 No	0.28 Thermal Discharging
TLK064	36	'608733038_/_43734996_2'		10	10	10	0.28	1.4	10	5.68 No	0.28 Thermal Discharging
TLK064	37	'9078605_/_9078603_1'		10	10	10	0.28	1.4	10	5.68 No	0.28 Thermal Discharging
TLK064	38	'5553227_/_5556919_1'		10	10	10	0.28	1.5	10	5.68 No	0.28 Thermal Discharging
TLK064	39	'43735882_/_5544529_2'	3.33	3.33	3.33	0.09	0.4	3.33	1.89 No	0.09 Thermal Discharging	
TLK064	40	'5555163_/_5555714'		10	10	10	0.28	10	10	5.68 No	0.28 Thermal Discharging
TLK064	41	'5523550_/_43732363'	3.33	3.33	3.33	0.09	1	3.33	1.89 No	0.09 Thermal Discharging	
TLK064	42	'43735331_/_5555161'		10	10	10	0.28	10	10	5.68 No	0.28 Thermal Discharging
TLK064	43	'9078606_/_9078603_2'		10	10	10	0.28	1.4	10	5.68 No	0.28 Thermal Discharging
TLK064	44	'43735318_/_43735333'		10	10	10	0.28	10	10	5.68 No	0.28 Thermal Discharging
TLK064	45	'753510166_/_753510163'	3.33	3.33	3.33	0.09	1.5	3.33	1.89 No	0.09 Thermal Discharging	
TLK064	46	'5555181_/_43735320'		10	10	10	0.28	10	10	5.68 No	0.28 Thermal Discharging
TLK064	47	'5526070_/_43735884'	3.33	3.33	3.33	0.09	0.4	3.33	1.89 No	0.09 Thermal Discharging	
TLK064	48	'465052530_/_465052519_2'		10	10	10	0.28	5.1	10	5.68 No	0.28 Thermal Discharging
TLK064	49	'5523551_/_5523548'	3.33	3.33	3.33	0.09	1	3.33	1.89 No	0.09 Thermal Discharging	
TLK064	50	'5555198_/_5555195'		10	10	10	0.28	10	10	5.68 No	0.28 Thermal Discharging
TLK064	51	'8983037_/_8983035_1'		10	10	10	0.28	10	10	5.68 No	0.28 Thermal Discharging
TLK064	52	'5555215_/_5555212'		10	10	10	0.28	10	10	5.68 No	0.28 Thermal Discharging
TLK064	53	'5559690_/_5559688_1'		10	10	10	0.28	2.3	10	5.68 No	0.28 Thermal Discharging
TLK064	54	'5553170_/_5556919_2'		10	10	10	0.28	1.5	10	5.68 No	0.28 Thermal Discharging
TLK064	55	'448329670_/_5555246_1'		10	10	10	0.28	10	10	5.68 No	0.28 Thermal Discharging
TLK064	56	'5555232_/_5555246_2'		10	10	10	0.28	10	10	5.68 No	0.28 Thermal Discharging
TLK064	57	'448329684_/_9609877_2'		10	10	10	0.28	5.1	10	5.68 No	0.28 Thermal Discharging
TLK064	58	'7718963_/_9298624_1'		10	10	10	0.28	1.4	10	5.68 No	0.28 Thermal Discharging
TLK064	59	'5555249_/_267604080'		10	10	10	0.28	10	10	5.68 No	0.28 Thermal Discharging
TLK064	60	'5561859_/_5561856'		10	10	10	0.28	10	10	5.68 No	0.28 Thermal Discharging
TLK064	61	'9298762_/_9298760_1'		10	10	10	0.28	1.4	10	5.68 No	0.28 Thermal Discharging
TLK064	62	'5553776_/_5555677'		10	10	10	0.28	10	10	5.68 No	0.28 Thermal Discharging
TLK064	63	'5553189_/_43737371'		10	10	10	0.28	1.5	10	5.68 No	0.28 Thermal Discharging
TLK064	64	'5561795_/_5561876'		10	10	10	0.28	10	10	5.68 No	0.28 Thermal Discharging
TLK064	65	'5526071_/_5526068'	3.33	3.33	3.33	0.09	0.4	3.33	1.89 No	0.09 Thermal Discharging	
TLK064	66	'43738444_/_43738446'		10	10	10	0.28	10	10	5.68 No	0.28 Thermal Discharging
TLK064	67	'43736187_/_5553774'		10	10	10	0.28	10	10	5.68 No	0.28 Thermal Discharging
TLK064	68	'5561761_/_5561775'		10	10	10	0.28	10	10	5.68 No	0.28 Thermal Discharging
TLK064	69	'590622630_/_43736189'		10	10	10	0.28	10	10	5.68 No	0.28 Thermal Discharging
TLK064	70	'5534636_/_5559711'		10	10	10	0.28	2.3	10	5.68 No	0.28 Thermal Discharging
TLK064	71	'5545926_/_590622634'		10	10	10	0.28	10	10	5.68 No	0.28 Thermal Discharging
TLK064	72	'5545925_/_5551103_2'	3.33	3.33	3.33	0.09	1.1	3.33	1.89 No	0.09 Thermal Discharging	
TLK064	73	'5523564_/_5523561'	3.33	3.33	3.33	0.09	1	3.33	1.89 No	0.09 Thermal Discharging	
TLK064	74	'5556854_/_5556942'		10	10	10	0.28	1.5	10	5.68 No	0.28 Thermal Discharging
TLK064	75	'5561744_/_5561758'		10	10	10	0.28	10	10	5.68 No	0.28 Thermal Discharging
TLK064	76	'5553811_/_5553808'		10	10	10	0.28	10	10	5.68 No	0.28 Thermal Discharging
TLK064	77	'43738431_/_43738433'		10	10	10	0.28	10	10	5.68 No	0.28 Thermal Discharging
TLK064	78	'37921475_/_465052519_1'		10	10	10	0.28	1.4	10	5.68 No	0.28 Thermal Discharging
TLK064	79	'37921482_/_37921479'		10	10	10	0.28	1.4	10	5.68 No	0.28 Thermal Discharging
TLK064	80	'247439194_/_9609877_1'		10	10	10	0.28	1.5	10	5.68 No	0.28 Thermal Discharging
TLK064	81	'37921503_/_37921507'		10	10	10	0.28	1.4	10	5.68 No	0.28 Thermal Discharging
TLK064	82	'37921489_/_37921493'		10	10	10	0.28	1.4	10	5.68 No	0.28 Thermal Discharging
TLK064	83	'37921517_/_37921521'		10	10	10	0.28	1.4	10	5.68 No	0.28 Thermal Discharging
TLK064	84	'247439166_/_247439191'		10	10	10	0.28	1.5	10	5.68 No	0.28 Thermal Discharging
TLK064	85	'468305512_/_9298624_2'		10	10	10	0.28	1.4	10	5.68 No	0.28 Thermal Discharging
TLK064	86	'247439210_/_247439207'		10	10	10	0.28	1.5	10	5.68 No	0.28 Thermal Discharging
TLK064	87	'247439184_/_247439181'		10	10	10	0.28	1.5	10	5.68 No	0.28 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary	Regulator	Thermal	Element Fault	Breaker Reach	Unintentional	Hosting Capacity	
				Voltage Deviation						Deviation	Discharging
TLK064	88	'247439202_/247439199'		10	10	10	0.28	1.5	10	5.68 No	0.28 Thermal Discharging
TLK064	89	'9298627_/468305518'		10	10	10	0.28	1.4	10	5.68 No	0.28 Thermal Discharging
TLK064	90	'466851731_/466851735'		10	10	10	0.28	10	10	5.68 No	0.28 Thermal Discharging
TLK064	91	'5561710_/5561724'		10	10	10	0.28	10	10	5.68 No	0.28 Thermal Discharging
TLK064	92	'5553828_/5553825'		10	10	10	0.28	10	10	5.68 No	0.28 Thermal Discharging
TLK064	93	'466851856_/466851781_2'		10	10	10	0.28	5.1	10	5.68 No	0.28 Thermal Discharging
TLK064	94	'43738418_/43738420'		10	10	10	0.28	10	10	5.68 No	0.28 Thermal Discharging
TLK064	95	'5553845_/5553842'		10	10	10	0.28	10	10	5.68 No	0.28 Thermal Discharging
TLK064	96	'5561676_/5561690'		10	10	10	0.28	10	10	5.68 No	0.28 Thermal Discharging
TLK064	97	'43732992_/5526081'	3.33	3.33	3.33	0.09	0.4	3.33	1.89 No	0.09 Thermal Discharging	
TLK064	98	'5545951_/5553859'		10	10	10	0.28	10	10	5.68 No	0.28 Thermal Discharging
TLK064	99	'5561659_/5561673'		10	10	10	0.28	10	10	5.68 No	0.28 Thermal Discharging
TLK064	100	'5553879_/5553876'		10	10	10	0.28	10	10	5.68 No	0.28 Thermal Discharging
TLK064	101	'43738405_/5561656'		10	10	10	0.28	10	10	5.68 No	0.28 Thermal Discharging
TLK064	102	'5556855_/5556852'		10	10	10	0.28	1.5	10	5.68 No	0.28 Thermal Discharging
TLK064	103	'7719017_/7719014'		10	10	10	0.28	1.4	10	5.68 No	0.28 Thermal Discharging
TLK064	104	'43735264_/5534633'		10	10	10	0.28	2.3	10	5.68 No	0.28 Thermal Discharging
TLK064	105	'5553896_/5553893'		10	10	10	0.28	10	10	5.68 No	0.28 Thermal Discharging
TLK064	106	'5545952_/5545965_1'	3.33	3.33	3.33	0.09	0.5	3.33	1.89 No	0.09 Thermal Discharging	
TLK064	107	'253300195_/282705229_1'	3.33	3.33	3.33	0.09	0.3	3.33	1.89 No	0.09 Thermal Discharging	
TLK064	108	'5561477_/5561619'		10	10	10	0.28	10	10	5.68 No	0.28 Thermal Discharging
TLK064	109	'7387508_/212033579'		10	10	10	0.28	1.5	10	5.68 No	0.28 Thermal Discharging
TLK064	110	'43735576_/5542652'	3.33	3.33	3.33	0.09	1	3.33	1.89 No	0.09 Thermal Discharging	
TLK064	111	'5553913_/5553910'		10	10	10	0.28	10	10	5.68 No	0.28 Thermal Discharging
TLK064	112	'43738366_/43738368'		10	10	10	0.28	10	10	5.68 No	0.28 Thermal Discharging
TLK064	113	'5561478_/5561492_1'		10	10	10	0.28	1.4	10	5.68 No	0.28 Thermal Discharging
TLK064	114	'9298763_/9298760_2'		10	10	10	0.28	1.4	10	5.68 No	0.28 Thermal Discharging
TLK064	115	'49995274_/5561826_1'		10	10	10	0.28	10	10	5.68 No	0.28 Thermal Discharging
TLK064	116	'5561811_/5561826_2'		10	10	10	0.28	10	10	5.68 No	0.28 Thermal Discharging
TLK064	117	'5556234_/5556244'	3.33	3.33	3.33	0.09	1.1	3.33	1.89 No	0.09 Thermal Discharging	
TLK064	118	'5545939_/5553927'		10	10	10	0.28	10	10	5.68 No	0.28 Thermal Discharging
TLK064	119	'7405457_/465052533'		10	10	10	0.28	1.4	10	5.68 No	0.28 Thermal Discharging
TLK064	120	'5545938_/5551116_2'	3.33	3.33	3.33	0.09	1	3.33	1.89 No	0.09 Thermal Discharging	
TLK064	121	'5526084_/43732994'	3.33	3.33	3.33	0.09	0.4	3.33	1.89 No	0.09 Thermal Discharging	
TLK064	122	'5553947_/5553944'		10	10	10	0.28	10	10	5.68 No	0.28 Thermal Discharging
TLK064	123	'7387528_/7387526'		10	10	10	0.28	1.5	10	5.68 No	0.28 Thermal Discharging
TLK064	124	'5551148_/5553961'		10	10	10	0.28	10	10	5.68 No	0.28 Thermal Discharging
TLK064	125	'5534618_/5534616'		10	10	10	0.28	2.3	10	5.68 No	0.28 Thermal Discharging
TLK064	126	'74565596_/74565534_1'		10	10	10	0.28	2.2	10	5.68 No	0.28 Thermal Discharging
TLK064	127	'43734701_/5551145'		10	10	10	0.28	10	10	5.68 No	0.28 Thermal Discharging
TLK064	128	'5553984_/5553981'		10	10	10	0.28	10	10	5.68 No	0.28 Thermal Discharging
TLK064	129	'5545968_/5545965_2'	3.33	3.33	3.33	0.09	0.5	3.33	1.89 No	0.09 Thermal Discharging	
TLK064	130	'5549619_/5551103_1'	3.33	3.33	3.33	0.09	0.5	3.33	1.89 No	0.09 Thermal Discharging	
TLK064	131	'5556872_/5556869'		10	10	10	0.28	1.5	10	5.68 No	0.28 Thermal Discharging
TLK064	132	'621039172_/5550385_3'	6.67	6.67	6.67	0.18	2.1	6.67	3.79 No	0.18 Thermal Discharging	
TLK064	133	'123977361_/123977363'		10	10	10	0.28	2.3	10	5.68 No	0.28 Thermal Discharging
TLK064	134	'5554004_/5554001'		10	10	10	0.28	10	10	5.68 No	0.28 Thermal Discharging
TLK064	135	'8041819_/8041816'		10	10	10	0.28	1.5	10	5.68 No	0.28 Thermal Discharging
TLK064	136	'5556906_/5556903'	3.33	3.33	3.33	0.09	0.5	3.33	1.89 No	0.09 Thermal Discharging	
TLK064	137	'123977486_/123977401_1'		10	10	10	0.28	1.4	10	5.68 No	0.28 Thermal Discharging
TLK064	138	'5546760_/5554018'		10	10	10	0.28	10	10	5.68 No	0.28 Thermal Discharging
TLK064	139	'8663125_/8663123_1'		10	10	10	0.28	0.9	10	5.68 No	0.28 Thermal Discharging
TLK064	140	'5561465_/5561492_2'		10	10	10	0.28	1.4	10	5.68 No	0.28 Thermal Discharging
TLK064	141	'5556260_/5556257_1'	3.33	3.33	3.33	0.01	1.5	3.33	1.89 No	0.01 Thermal Discharging	
TLK064	142	'43736356_/5554035'		10	10	10	0.28	10	10	5.68 No	0.28 Thermal Discharging
TLK064	143	'5534602_/55560877'		10	10	10	0.28	2.3	10	5.68 No	0.28 Thermal Discharging
TLK064	144	'8041675_/212033564'		10	10	10	0.28	1.5	10	5.68 No	0.28 Thermal Discharging
TLK064	145	'5523576_/43735578'	3.33	3.33	3.33	0.09	1	3.33	1.89 No	0.09 Thermal Discharging	
TLK064	146	'5546761_/5546771_1'	3.33	3.33	3.33	0.09	0.4	3.33	1.89 No	0.09 Thermal Discharging	
TLK064	147	'43737496_/5556257_2'	3.33	3.33	3.33	0.01	1.5	3.33	1.89 No	0.01 Thermal Discharging	
TLK064	148	'5554054_/43736358'		10	10	10	0.28	10	10	5.68 No	0.28 Thermal Discharging
TLK064	149	'123977383_/123977401_2'		10	10	10	0.28	1.4	10	5.68 No	0.28 Thermal Discharging
TLK064	150	'5550003_/5551116_1'	3.33	3.33	3.33	0.09	0.4	3.33	1.89 No	0.09 Thermal Discharging	
TLK064	151	'8663126_/8663123_2'		10	10	10	0.28	0.9	10	5.68 No	0.28 Thermal Discharging
TLK064	152	'43736200_/5546017'	3.33	3.33	3.33	0.09	0.5	3.33	1.89 No	0.09 Thermal Discharging	
TLK064	153	'282705210_/282705229_2'	3.33	3.33	3.33	0.09	0.3	3.33	1.89 No	0.09 Thermal Discharging	
TLK064	154	'5549633_/5549630'	3.33	3.33	3.33	0.09	0.5	3.33	1.89 No	0.09 Thermal Discharging	
TLK064	155	'8356105_/466851781_1'		10	10	10	0.28	1.5	10	5.68 No	0.28 Thermal Discharging
TLK064	156	'5550387_/5550385_2'	6.67	6.67	6.67	0.18	0.9	6.67	3.79 No	0.18 Thermal Discharging	
TLK064	157	'5552987_/5556886'		10	10	10	0.28	1.5	10	5.68 No	0.28 Thermal Discharging
TLK064	158	'5549620_/5549617'	3.33	3.33	3.33	0.09	0.5	3.33	1.89 No	0.09 Thermal Discharging	
TLK064	159	'5546562_/43737498'	3.33	3.33	3.33	0.01	1.5	3.33	1.89 No	0.01 Thermal Discharging	
TLK064	160	'43735251_/43735253'		10	10	10	0.28	2.3	10	5.68 No	0.28 Thermal Discharging
TLK064	161	'43734689_/5550385_1'	6.67	6.67	6.67	0.18	0.9	6.67	3.79 No	0.18 Thermal Discharging	
TLK064	162	'9055616_/74565534_2'		10	10	10	0.28	2.2	10	5.68 No	0.28 Thermal Discharging
TLK064	163	'5545981_/5545978'	3.33	3.33	3.33	0.09	0.5	3.33	1.89 No	0.09 Thermal Discharging	
TLK064	164	'5561449_/5561462'	3.33	3.33	3.33	0.09	0.47	3.33	1.89 No	0.09 Thermal Discharging	
TLK064	165	'5534862_/5534859'		10	10	10	0.28	2.3	10	5.68 No	0.28 Thermal Discharging
TLK064	166	'5549419_/5556231'	3.33	3.33	3.33	0.01	1.1	3.33	1.89 No	0.01 Thermal Discharging	
TLK064	167	'5552988_/5552985'		10	10	10	0.28	1.5	10	5.68 No	0.28 Thermal Discharging
TLK064	168	'5523496_/5523574'	3.33	3.33	3.33	0.09	1	3.33	1.89 No	0.09 Thermal Discharging	
TLK064	169	'52782348_/8355746'		10	10	10	0.28	1.5	10	5.68 No	0.28 Thermal Discharging
TLK064	170	'52782317_/52782387'		10	10	10	0.28	1.5	10	5.68 No	0.28 Thermal Discharging
TLK064	171	'5546774_/5546771_2'	3.33	3.33	3.33	0.09	0.4	3.33	1.89 No	0.09 Thermal Discharging	
TLK064	172	'53653696_/53653701'		10	10	10	0.28	1.5	10	5.68 No	0.28 Thermal Discharging
TLK064	173	'43736301_/5546560'	3.33	3.33	3.33	0.01	1.5	3.33	1.89 No	0.01 Thermal Discharging	
TLK064	174	'5553059_/5553056_2'	3.33	3.33	3.33	0.09	0.5	3.33	1.89 No	0.09 Thermal Discharging	
TLK064	175	'5534569_/5534579'		10	10	10	0.28	2.3	10	5.68 No	0.28 Thermal Discharging
TLK064	176	'5561511_/5561636'		10	10	10	0.28	1.4	10	5.68 No	0.28 Thermal Discharging
TLK064	177	'5546033_/43736202'	3.33	3.33	3.33	0.09	0.5	3.33	1.89 No	0.09 Thermal Discharging	
TLK064	178	'43734622_/43734624'	3.33	3.33	3.33	0.09	0.4	3.33	1.89 No	0.09 Thermal Discharging	
TLK064	179	'43734512_/5549643'	3.33	3.33	3.33	0.09	0.5	3.33	1.89 No	0.09 Thermal Discharging	
TLK064	180	'5549724_/5549721'	3.33	3.33	3.33	0.09	0.5	3.33	1.89 No	0.09 Thermal Discharging	
TLK064	181	'43734468_/5549429'	3.33	3.33	3.33	0.01	1.1	3.33	1.89 No	0.01 Thermal Dis	

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Over- Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
											VSR (MW)	Limiting Threshold
TLK064	182	'5550373_/_5550879'		6.67		6.67	6.67	0.18	0.9	6.67	3.79 No	0.18 Thermal Discharging
TLK064	183	'5523495_/_5523493'		3.33		3.33	3.33	0.09	1	3.33	1.89 No	0.09 Thermal Discharging
TLK064	184	'43736233_/_5545991'		3.33		3.33	3.33	0.09	0.5	3.33	1.89 No	0.09 Thermal Discharging
TLK064	185	'5550403_/_5550413_1'		3.33		3.33	3.33	0.09	0.3	3.33	1.89 No	0.09 Thermal Discharging
TLK064	186	'53653744_/_53653736'		10		10	10	0.28	1.5	10	5.68 No	0.28 Thermal Discharging
TLK064	187	'5546046_/_5546043'		3.33		3.33	3.33	0.09	0.5	3.33	1.89 No	0.09 Thermal Discharging
TLK064	188	'43735565_/_5542678'		3.33		3.33	3.33	0.09	1	3.33	1.89 No	0.09 Thermal Discharging
TLK064	189	'43738355_/_43738357'		3.33		3.33	3.33	0.09	0.47	3.33	1.89 No	0.09 Thermal Discharging
TLK064	190	'43734534_/_5549708'		3.33		3.33	3.33	0.09	0.5	3.33	1.89 No	0.09 Thermal Discharging
TLK064	191	'5546575_/_43736303'		3.33		3.33	3.33	0.01	1.5	3.33	1.89 No	0.01 Thermal Discharging
TLK064	192	'5561433_/_5561509'		10		10	10	0.28	1.4	10	5.68 No	0.28 Thermal Discharging
TLK064	193	'5549406_/_5549416'		3.33		3.33	3.33	0.01	1.1	3.33	1.89 No	0.01 Thermal Discharging
TLK064	194	'43734545_/_5549734'		3.33		3.33	3.33	0.09	0.5	3.33	1.89 No	0.09 Thermal Discharging
TLK064	195	'43735240_/_43735242'		3.33		3.33	3.33	0.09	0.77	3.33	1.89 No	0.09 Thermal Discharging
TLK064	196	'5546790_/_5546787'		3.33		3.33	3.33	0.09	0.4	3.33	1.89 No	0.09 Thermal Discharging
TLK064	197	'5553058_/_5553056_1'		3.33		3.33	3.33	0.09	0.3	3.33	1.89 No	0.09 Thermal Discharging
TLK064	198	'5550416_/_5550413_2'		3.33		3.33	3.33	0.09	0.3	3.33	1.89 No	0.09 Thermal Discharging
TLK064	199	'43738379_/_5561566'		10		10	10	0.28	1.4	10	5.68 No	0.28 Thermal Discharging
TLK064	200	'466851818_/_466851718_1'		10		10	10	0.28	0.9	10	5.68 No	0.28 Thermal Discharging
TLK064	201	'240618675_/_5534553_2'		3.33		3.33	3.33	0.09	0.77	3.33	1.89 No	0.09 Thermal Discharging
TLK064	202	'53653706_/_53653753'		10		10	10	0.28	1.5	10	5.68 No	0.28 Thermal Discharging
TLK064	203	'43736211_/_5546056'		3.33		3.33	3.33	0.09	0.5	3.33	1.89 No	0.09 Thermal Discharging
TLK064	204	'7478214_/_7478212_1'		3.33		3.33	3.33	0.09	0.1	3.33	1.89 No	0.09 Thermal Discharging
TLK064	205	'44680853_/_5549656'		3.33		3.33	3.33	0.09	0.5	3.33	1.89 No	0.09 Thermal Discharging
TLK064	206	'5550274_/_5550370'		6.67		6.67	6.67	0.18	0.9	6.67	3.79 No	0.18 Thermal Discharging
TLK064	207	'5550002_/_5550000'		3.33		3.33	3.33	0.09	0.4	3.33	1.89 No	0.09 Thermal Discharging
TLK064	208	'5561432_/_5561430'		3.33		3.33	3.33	0.09	0.47	3.33	1.89 No	0.09 Thermal Discharging
TLK064	209	'43735532_/_5542555'		3.33		3.33	3.33	0.09	1	3.33	1.89 No	0.09 Thermal Discharging
TLK064	210	'5534704_/_5553085'		3.33		3.33	3.33	0.09	0.3	3.33	1.89 No	0.09 Thermal Discharging
TLK064	211	'43734713_/_5550426'		3.33		3.33	3.33	0.09	0.3	3.33	1.89 No	0.09 Thermal Discharging
TLK064	212	'43735344_/_5553002'		10		10	10	0.28	1.5	10	5.68 No	0.28 Thermal Discharging
TLK064	213	'5546576_/_5546573'		3.33		3.33	3.33	0.01	1.5	3.33	1.89 No	0.01 Thermal Discharging
TLK064	214	'5546007_/_43736235'		3.33		3.33	3.33	0.09	0.5	3.33	1.89 No	0.09 Thermal Discharging
TLK064	215	'43734479_/_43734470'		3.33		3.33	3.33	0.01	1.1	3.33	1.89 No	0.01 Thermal Discharging
TLK064	216	'5549671_/_5549682'		3.33		3.33	3.33	0.09	0.5	3.33	1.89 No	0.09 Thermal Discharging
TLK064	217	'5543041_/_43735567'		3.33		3.33	3.33	0.09	1	3.33	1.89 No	0.09 Thermal Discharging
TLK064	218	'7478215_/_7478212_2'		3.33		3.33	3.33	0.09	0.1	3.33	1.89 No	0.09 Thermal Discharging
TLK064	219	'5549393_/_5549403'		3.33		3.33	3.33	0.01	1.1	3.33	1.89 No	0.01 Thermal Discharging
TLK064	220	'594702171_/_594702175'		10		10	10	0.28	1.5	10	5.68 No	0.28 Thermal Discharging
TLK064	221	'5550019_/_5550016'		3.33		3.33	3.33	0.09	0.4	3.33	1.89 No	0.09 Thermal Discharging
TLK064	222	'5549749_/_43734547'		3.33		3.33	3.33	0.09	0.5	3.33	1.89 No	0.09 Thermal Discharging
TLK064	223	'5561529_/_5561526'		10		10	10	0.28	1.4	10	5.68 No	0.28 Thermal Discharging
TLK064	224	'5561448_/_5561446'		3.33		3.33	3.33	0.09	0.47	3.33	1.89 No	0.09 Thermal Discharging
TLK064	225	'5546072_/_43736213'		3.33		3.33	3.33	0.09	0.5	3.33	1.89 No	0.09 Thermal Discharging
TLK064	226	'5526691_/_7098418'		3.33		3.33	3.33	0.09	0.3	3.33	1.89 No	0.09 Thermal Discharging
TLK064	227	'5534705_/_43735409'		3.33		3.33	3.33	0.09	0.3	3.33	1.89 No	0.09 Thermal Discharging
TLK064	228	'5546589_/_5546586'		3.33		3.33	3.33	0.01	1.5	3.33	1.89 No	0.01 Thermal Discharging
TLK064	229	'43738392_/_5561546'		10		10	10	0.28	1.4	10	5.68 No	0.28 Thermal Discharging
TLK064	230	'43736244_/_5546296'		3.33		3.33	3.33	0.09	0.5	3.33	1.89 No	0.09 Thermal Discharging
TLK064	231	'5550441_/_43734715'		3.33		3.33	3.33	0.09	0.3	3.33	1.89 No	0.09 Thermal Discharging
TLK064	232	'5561549_/_8983203_2'		10		10	10	0.28	1.4	10	5.68 No	0.28 Thermal Discharging
TLK064	233	'5534555_/_5534553_1'		3.33		3.33	3.33	0.01	0.77	3.33	1.89 No	0.01 Thermal Discharging
TLK064	234	'43734523_/_5549669'		3.33		3.33	3.33	0.09	0.5	3.33	1.89 No	0.09 Thermal Discharging
TLK064	235	'5543054_/_5543051'		3.33		3.33	3.33	0.09	1	3.33	1.89 No	0.09 Thermal Discharging
TLK064	236	'5546140_/_5546137'		3.33		3.33	3.33	0.09	0.5	3.33	1.89 No	0.09 Thermal Discharging
TLK064	237	'43735357_/_43735346'		7.4		10	10	0.28	1.5	10	5.68 No	0.28 Thermal Discharging
TLK064	238	'5550032_/_5550029'		3.33		3.33	3.33	0.09	0.4	3.33	1.89 No	0.09 Thermal Discharging
TLK064	239	'5542532_/_5542542'		3.33		3.33	3.33	0.09	1	3.33	1.89 No	0.09 Thermal Discharging
TLK064	240	'66920665_/_5546309_1'		3.33		3.33	3.33	0.09	0.5	3.33	1.89 No	0.09 Thermal Discharging
TLK064	241	'43736312_/_5546599'		3.33		3.33	3.33	0.01	1.5	3.33	1.89 No	0.01 Thermal Discharging
TLK064	242	'5550442_/_5550439'		3.33		3.33	3.33	0.09	0.3	3.33	1.89 No	0.09 Thermal Discharging
TLK064	243	'5550217_/_5550271'		6.67		6.67	6.67	0.18	0.9	6.67	3.79 No	0.18 Thermal Discharging
TLK064	244	'522752668_/_43735359_1'		6.1		10	10	0.28	0.9	10	5.68 No	0.28 Thermal Discharging
TLK064	245	'5546085_/_5546082'		3.33		3.33	3.33	0.09	0.5	3.33	1.89 No	0.09 Thermal Discharging
TLK064	246	'5560980_/_43734481'		3.33		3.33	3.33	0.01	1.1	3.33	1.89 No	0.01 Thermal Discharging
TLK064	247	'522752500_/_43735359_2'		6.1		10	10	0.28	0.9	10	5.68 No	0.28 Thermal Discharging
TLK064	248	'594702235_/_594702251'		10		10	10	0.28	1.5	10	5.68 No	0.28 Thermal Discharging
TLK064	249	'43734589_/_5549747'		3.33		3.33	3.33	0.09	0.5	3.33	1.89 No	0.09 Thermal Discharging
TLK064	250	'5550261_/_5559177_1'		3.33		3.33	3.33	0.09	0.3	3.33	1.89 No	0.09 Thermal Discharging
TLK064	251	'5561588_/_5561586'		3.33		3.33	3.33	0.09	0.47	3.33	1.89 No	0.09 Thermal Discharging
TLK064	252	'5525970_/_5526688'		2.3		3.33	3.33	0.09	0.3	3.33	1.89 No	0.09 Thermal Discharging
TLK064	253	'5546153_/_5546150'		3.33		3.33	3.33	0.09	0.5	3.33	1.89 No	0.09 Thermal Discharging
TLK064	254	'5559854_/_5559851'		3.33		3.33	3.33	0.09	0.4	3.33	1.89 No	0.09 Thermal Discharging
TLK064	255	'43738129_/_43738131'		3.33		3.33	3.33	0.01	0.77	3.33	1.89 No	0.01 Thermal Discharging
TLK064	256	'5546273_/_5546283'		3.33		3.33	3.33	0.09	0.5	3.33	1.89 No	0.09 Thermal Discharging
TLK064	257	'5546312_/_5546309_2'		3.33		3.33	3.33	0.09	0.5	3.33	1.89 No	0.09 Thermal Discharging
TLK064	258	'594702203_/_594702267'		10		10	10	0.28	1.5	10	5.68 No	0.28 Thermal Discharging
TLK064	259	'5549380_/_5549390'		3.33		3.33	3.33	0.01	1.1	3.33	1.89 No	0.01 Thermal Discharging
TLK064	260	'43736222_/_5546124'		3.33		3.33	3.33	0.09	0.5	3.33	1.89 No	0.09 Thermal Discharging
TLK064	261	'43735521_/_5542529'		2.23		3.33	3.33	0.09	1	3.33	1.89 No	0.09 Thermal Discharging
TLK064	262	'522752410_/_522752541'		5.3		10	10	0.28	0.9	10	5.68 No	0.28 Thermal Discharging
TLK064	263	'5550202_/_5550214'		6.67		6.67	6.67	0.18	0.9	6.67	3.79 No	0.18 Thermal Discharging
TLK064	264	'5546628_/_5546625'		3.33		3.33	3.33	0.01	1.5	3.33	1.89 No	0.01 Thermal Discharging
TLK064	265	'5559180_/_5559177_2'		3.33		3.33	3.33	0.09	0.3	3.33	1.89 No	0.09 Thermal Discharging
TLK064	266	'5549776_/_43734525'		3.33		3.33	3.33	0.09	0.5	3.33	1.89 No	0.09 Thermal Discharging
TLK064	267	'5546230_/_5546228'		3.33		3.33	3.33	0.09	0.5	3.33	1.89 No	0.09 Thermal Discharging
TLK064	268	'5553103_/_522752504'		5		10	10	0.28	0.9	10	5.68 No	0.28 Thermal Discharging
TLK064	269	'362036541_/_5553101_1'		1.67		3.33	3.33	0.09	0.2	3.33	1.89 No	0.09 Thermal Discharging
TLK064	270	'5546179_/_5546176'		3.33		3.33	3.33	0.09	0.5	3.33	1.89 No	0.09 Thermal Discharging
TLK064	271	'763532052_/_594702207'		10		10	10	0.28	1.5	10	5.68 No	0.28 Thermal Discharging
TLK064	272	'43733135_/_5526052'		1.83		3.33	3.33	0.09	0.3	3.33	1.89 No	0.09 Thermal Discharging
TLK064	273	'5549750_/_43734591'		3.33		3.33	3.33	0.09	0.5	3.33	1.89 No	0.09 Thermal Discharging
TLK064	274	'5525971_/_5525968'		1.73		3.33	3.33	0.09	0.3	3.33	1.89 No	0.09 Thermal Discharging
TLK064	275	'5553104_/_5553101_2'		1.63		3.33	3.33	0.09	0.2	3.33	1.89 No	0.09 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over- Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TLK064	276	'5549789_/_5549786'	3.33	3.33	3.33	3.33	0.09	0.5	3.33	1.89 No	0.09 Thermal Discharging
TLK064	277	'5546100_/_5546111'	3.33	3.33	3.33	3.33	0.09	0.5	3.33	1.89 No	0.09 Thermal Discharging
TLK064	278	'5546260_/_5546270'	3.33	3.33	3.33	3.33	0.09	0.5	3.33	1.89 No	0.09 Thermal Discharging
TLK064	279	'8983205_/_8983203_1'	10	10	10	10	0.28	0.9	10	5.68 No	0.28 Thermal Discharging
TLK064	280	'8041108_/_8041106_1'	1.7	3.33	3.33	3.33	0.09	0.1	3.33	1.89 No	0.09 Thermal Discharging
TLK064	281	'5546325_/_5546322'	3.33	3.33	3.33	3.33	0.09	0.5	3.33	1.89 No	0.09 Thermal Discharging
TLK064	282	'5551131_/_43734726'	3.33	3.33	3.33	3.33	0.01	1.5	3.33	1.89 No	0.01 Thermal Discharging
TLK064	283	'5523629_/_5542516'	1.8	3.33	3.33	3.33	0.09	1	3.33	1.89 No	0.09 Thermal Discharging
TLK064	284	'5546247_/_5546244'	3.33	3.33	3.33	3.33	0.09	0.5	3.33	1.89 No	0.09 Thermal Discharging
TLK064	285	'5546641_/_5546638'	3.33	3.33	3.33	3.33	0.01	1	3.33	1.89 No	0.01 Thermal Discharging
TLK064	286	'763532084_/_763532116'	6.9	10	10	10	0.28	1.5	10	5.68 No	0.28 Thermal Discharging
TLK064	287	'43734633_/_43734635'	6.67	6.67	6.67	6.67	0.18	0.9	6.67	3.79 No	0.18 Thermal Discharging
TLK064	288	'43735383_/_43735372'	4.2	10	10	10	0.28	0.9	10	5.68 No	0.28 Thermal Discharging
TLK064	289	'5542694_/_5542707_1'	1.7	3.33	3.33	3.33	0.09	0.5	3.33	1.89 No	0.09 Thermal Discharging
TLK064	290	'5546192_/_5546189'	3.33	3.33	3.33	3.33	0.09	0.5	3.33	1.89 No	0.09 Thermal Discharging
TLK064	291	'5549367_/_5549377'	3.33	3.33	3.33	3.33	0.01	1.1	3.33	1.89 No	0.01 Thermal Discharging
TLK064	292	'43734490_/_5559825'	3.33	3.33	3.33	3.33	0.01	1.1	3.33	1.89 No	0.01 Thermal Discharging
TLK064	293	'5534543_/_5559432'	1.8	3.33	3.33	3.33	0.01	0.77	3.33	1.89 No	0.01 Thermal Discharging
TLK064	294	'5549977_/_5549987'	3.33	3.33	3.33	3.33	0.09	0.5	3.33	1.89 No	0.09 Thermal Discharging
TLK064	295	'8041109_/_8041106_2'	1.53	3.33	3.33	3.33	0.09	0.1	3.33	1.89 No	0.09 Thermal Discharging
TLK064	296	'43737382_/_5546348'	3.33	3.33	3.33	3.33	0.09	0.5	3.33	1.89 No	0.09 Thermal Discharging
TLK064	297	'5526055_/_43733137'	1.57	3.33	3.33	3.33	0.09	0.3	3.33	1.89 No	0.09 Thermal Discharging
TLK064	298	'5546205_/_5546202'	3.33	3.33	3.33	3.33	0.09	0.5	3.33	1.89 No	0.09 Thermal Discharging
TLK064	299	'5550317_/_5559190'	3.33	3.33	3.33	3.33	0.09	0.3	3.33	1.89 No	0.09 Thermal Discharging
TLK064	300	'5523616_/_5523626'	1.6	3.33	3.33	3.33	0.09	1	3.33	1.89 No	0.09 Thermal Discharging
TLK064	301	'5546101_/_5546098'	3.33	3.33	3.33	3.33	0.09	0.5	3.33	1.89 No	0.09 Thermal Discharging
TLK064	302	'5553264_/_5553277'	3.33	3.33	3.33	3.33	0.01	1	3.33	1.89 No	0.01 Thermal Discharging
TLK064	303	'5546364_/_5546361'	3.33	3.33	3.33	3.33	0.09	0.5	3.33	1.89 No	0.09 Thermal Discharging
TLK064	304	'5553039_/_43735385'	3.8	10	10	10	0.28	0.9	10	5.68 No	0.28 Thermal Discharging
TLK064	305	'43734556_/_5549909'	3.33	3.33	3.33	3.33	0.09	0.5	3.33	1.89 No	0.09 Thermal Discharging
TLK064	306	'43736255_/_43736257'	3.33	3.33	3.33	3.33	0.09	0.5	3.33	1.89 No	0.09 Thermal Discharging
TLK064	307	'5546537_/_5546534'	3.33	3.33	3.33	3.33	0.09	0.5	3.33	1.89 No	0.09 Thermal Discharging
TLK064	308	'5546218_/_5546215'	3.33	3.33	3.33	3.33	0.09	0.5	3.33	1.89 No	0.09 Thermal Discharging
TLK064	309	'5546377_/_5546374'	3.33	3.33	3.33	3.33	0.09	0.5	3.33	1.89 No	0.09 Thermal Discharging
TLK064	310	'43736323_/_5546651'	3.33	3.33	3.33	3.33	0.01	1	3.33	1.89 No	0.01 Thermal Discharging
TLK064	311	'43735510_/_43735512'	1.5	3.33	3.33	3.33	0.09	1	3.33	1.89 No	0.09 Thermal Discharging
TLK064	312	'5550172_/_5550184'	6.67	6.67	6.67	6.67	0.18	0.9	6.67	3.79 No	0.18 Thermal Discharging
TLK064	313	'5523641_/_5542707_2'	1.5	3.33	3.33	3.33	0.09	0.5	3.33	1.89 No	0.09 Thermal Discharging
TLK064	314	'43734758_/_5553261'	3.33	3.33	3.33	3.33	0.01	1	3.33	1.89 No	0.01 Thermal Discharging
TLK064	315	'5525987_/_5525984'	1.33	3.33	3.33	3.33	0.09	0.3	3.33	1.89 No	0.09 Thermal Discharging
TLK064	316	'5546416_/_5546413'	3.33	3.33	3.33	3.33	0.09	0.5	3.33	1.89 No	0.09 Thermal Discharging
TLK064	317	'5558115_/_5558112'	1.27	3.33	3.33	3.33	0.09	0.3	3.33	1.89 No	0.09 Thermal Discharging
TLK064	318	'5523615_/_5523613'	1.43	3.33	3.33	3.33	0.09	1	3.33	1.89 No	0.09 Thermal Discharging
TLK064	319	'43737381_/_5546335'	3.33	3.33	3.33	3.33	0.09	0.5	3.33	1.89 No	0.09 Thermal Discharging
TLK064	320	'45171574_/_5546387'	3.33	3.33	3.33	3.33	0.09	0.5	3.33	1.89 No	0.09 Thermal Discharging
TLK064	321	'5549964_/_5549974'	1.8	3.33	3.33	3.33	0.09	0.5	3.33	1.89 No	0.09 Thermal Discharging
TLK064	322	'5534542_/_5534540'	1.47	3.33	3.33	3.33	0.01	0.77	3.33	1.89 No	0.01 Thermal Discharging
TLK064	323	'43736290_/_5546547'	3.33	3.33	3.33	3.33	0.09	0.5	3.33	1.89 No	0.09 Thermal Discharging
TLK064	324	'5550157_/_5550169'	6.67	6.67	6.67	6.67	0.18	0.9	6.67	3.79 No	0.18 Thermal Discharging
TLK064	325	'5549366_/_5549364'	3.33	3.33	3.33	3.33	0.01	1.1	3.33	1.89 No	0.01 Thermal Discharging
TLK064	326	'43734746_/_43734748'	3.33	3.33	3.33	3.33	0.01	1	3.33	1.89 No	0.01 Thermal Discharging
TLK064	327	'5526000_/_5525997'	1.27	3.33	3.33	3.33	0.09	0.3	3.33	1.89 No	0.09 Thermal Discharging
TLK064	328	'5523642_/_5523639'	1.37	3.33	3.33	3.33	0.09	0.5	3.33	1.89 No	0.09 Thermal Discharging
TLK064	329	'43734678_/_5550315'	3.33	3.33	3.33	3.33	0.09	0.3	3.33	1.89 No	0.09 Thermal Discharging
TLK064	330	'5546259_/_5546257'	3.33	3.33	3.33	3.33	0.09	0.5	3.33	1.89 No	0.09 Thermal Discharging
TLK064	331	'5549899_/_43734558'	1.7	3.33	3.33	3.33	0.09	0.5	3.33	1.89 No	0.09 Thermal Discharging
TLK064	332	'5523483_/_5542490'	1.33	3.33	3.33	3.33	0.09	1	3.33	1.89 No	0.09 Thermal Discharging
TLK064	333	'5549458_/_43734492'	2.23	3.33	3.33	3.33	0.01	1.1	3.33	1.89 No	0.01 Thermal Discharging
TLK064	334	'5526675_/_7098543'	1.17	3.33	3.33	3.33	0.09	0.3	3.33	1.89 No	0.09 Thermal Discharging
TLK064	335	'5553157_/_5553154'	1.17	3.33	3.33	3.33	0.09	0.3	3.33	1.89 No	0.09 Thermal Discharging
TLK064	336	'5546429_/_5546426'	3.33	3.33	3.33	3.33	0.09	0.5	3.33	1.89 No	0.09 Thermal Discharging
TLK064	337	'5550232_/_5550245_1'	3.33	3.33	3.33	3.33	0.09	0.3	3.33	1.89 No	0.09 Thermal Discharging
TLK064	338	'65224148_/_65223948_2'	1.13	3.33	3.33	3.33	0.09	0.3	3.33	1.89 No	0.09 Thermal Discharging
TLK064	339	'362337399_/_362337370_1'	3.33	3.33	3.33	3.33	0.09	0.1	3.33	1.89 No	0.09 Thermal Discharging
TLK064	340	'5542626_/_5542720'	1.27	3.33	3.33	3.33	0.09	0.5	3.33	1.89 No	0.09 Thermal Discharging
TLK064	341	'5546667_/_5546664'	3.33	3.33	3.33	3.33	0.01	1	3.33	1.89 No	0.01 Thermal Discharging
TLK064	342	'5546705_/_5559122_2'	3.33	3.33	3.33	3.33	0.01	1	3.33	1.89 No	0.01 Thermal Discharging
TLK064	343	'5545270_/_5545297'	1.27	3.33	3.33	3.33	0.09	1	3.33	1.89 No	0.09 Thermal Discharging
TLK064	344	'5550142_/_5550154'	3.8	6.67	6.67	6.67	0.18	0.9	6.67	3.79 No	0.18 Thermal Discharging
TLK064	345	'43733124_/_5526010'	1.17	3.33	3.33	3.33	0.09	0.3	3.33	1.89 No	0.09 Thermal Discharging
TLK064	346	'5546550_/_43736292'	3.33	3.33	3.33	3.33	0.09	0.5	3.33	1.89 No	0.09 Thermal Discharging
TLK064	347	'5523525_/_5542623'	1.27	3.33	3.33	3.33	0.09	0.5	3.33	1.89 No	0.09 Thermal Discharging
TLK064	348	'5549886_/_5549896'	1.47	3.33	3.33	3.33	0.09	0.5	3.33	1.89 No	0.09 Thermal Discharging
TLK064	349	'469969847_/_5545268_1'	1.27	3.33	3.33	3.33	0.09	0.4	3.33	1.89 No	0.09 Thermal Discharging
TLK064	350	'5546680_/_5546690_1'	3.33	3.33	3.33	3.33	0.01	0.2	3.33	1.89 No	0.01 Thermal Discharging
TLK064	351	'7405420_/_9298704'	4.4	10	10	10	0.28	0.9	10	5.68 No	0.28 Thermal Discharging
TLK064	352	'5526674_/_65223862'	1.1	3.33	3.33	3.33	0.09	0.3	3.33	1.89 No	0.09 Thermal Discharging
TLK064	353	'469969824_/_43735589_2'	1.23	3.33	3.33	3.33	0.09	1	3.33	1.89 No	0.09 Thermal Discharging
TLK064	354	'5549484_/_5549494'	1.8	3.33	3.33	3.33	0.01	1.1	3.33	1.89 No	0.01 Thermal Discharging
TLK064	355	'5546442_/_5546439'	2.23	3.33	3.33	3.33	0.09	0.5	3.33	1.89 No	0.09 Thermal Discharging
TLK064	356	'5550471_/_5559148'	3.33	3.33	3.33	3.33	0.01	1	3.33	1.89 No	0.01 Thermal Discharging
TLK064	357	'5523482_/_5523480'	1.23	3.33	3.33	3.33	0.09	1	3.33	1.89 No	0.09 Thermal Discharging
TLK064	358	'43734600_/_43734602'	1.4	3.33	3.33	3.33	0.09	0.5	3.33	1.89 No	0.09 Thermal Discharging
TLK064	359	'5559473_/_5559471'	1.27	3.33	3.33	3.33	0.01	0.77	3.33	1.89 No	0.01 Thermal Discharging
TLK064	360	'5546455_/_5546452'	1.97	3.33	3.33	3.33	0.09	0.5	3.33	1.89 No	0.09 Thermal Discharging
TLK064	361	'7405421_/_7405418'	4.2	10	10	10	0.28	0.9	10	5.68 No	0.28 Thermal Discharging
TLK064	362	'5550331_/_43734680'	2.13	3.33	3.33	3.33	0.09	0.3	3.33	1.89 No	0.09 Thermal Discharging
TLK064	363	'5526026_/_43733126_1'	1.1	3.33	3.33	3.33	0.09	0.1	3.33	1.89 No	0.09 Thermal Discharging
TLK064	364	'5526042_/_43733126_2'	1.1	3.33	3.33	3.33	0.09	0.1	3.33	1.89 No	0.09 Thermal Discharging
TLK064	365	'5559841_/_5559838'	1.6	3.33	3.33	3.33	0.01	1.1	3.33	1.89 No	0.01 Thermal Discharging
TLK064	366	'43735587_/_43735589_1'	1.17	3.33	3.33	3.33	0.09	0.5	3.33	1.89 No	0.09 Thermal Discharging
TLK064	367	'5535768_/_5545268_2'	1.17	3.33	3.33	3.33	0.09	0.4	3.33	1.89 No	0.09 Thermal Discharging
TLK064	368	'5558965_/_5559122_1'	1.93	3.33	3.33	3.33	0.01	0.2	3.33	1.89 No	0.01 Thermal Discharging
TLK064	369	'43734667_/_5550245_2'	1.73	3.33	3.33	3.33	0.09	0.3	3.33	1.89 No	0.09 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TLK064	370	'5523524_/_5523522'		1.13	3.33	3.33	0.09	0.5	3.33	1.89 No	0.09 Thermal Discharging
TLK064	371	'5549870_/_5549883'		1.27	3.33	3.33	0.09	0.5	3.33	1.89 No	0.09 Thermal Discharging
TLK064	372	'5550344_/_5550341'		1.83	3.33	3.33	0.09	0.3	3.33	1.89 No	0.09 Thermal Discharging
TLK064	373	'9298743_/_9298740'		2.1	10	10	0.28	0.9	10	5.68 No	0.28 Thermal Discharging
TLK064	374	'43734735_/_43734737'		1.9	3.33	3.33	0.01	1	3.33	1.89 No	0.01 Thermal Discharging
TLK064	375	'43736334_/_5546690_2'		1.77	3.33	3.33	0.01	0.2	3.33	1.89 No	0.01 Thermal Discharging
TLK064	376	'5523590_/_5523587'		1.13	3.33	3.33	0.09	0.5	3.33	1.89 No	0.09 Thermal Discharging
TLK064	377	'5549938_/_5549948'		1.27	3.33	3.33	0.09	0.5	3.33	1.89 No	0.09 Thermal Discharging
TLK064	378	'5550127_/_5550139'		2.87	6.67	6.67	0.18	0.9	6.67	3.79 No	0.18 Thermal Discharging
TLK064	379	'43737393_/_5546465'		1.6	3.33	3.33	0.09	0.5	3.33	1.89 No	0.09 Thermal Discharging
TLK064	380	'5549510_/_5549520'		1.47	3.33	3.33	0.01	1.1	3.33	1.89 No	0.01 Thermal Discharging
TLK064	381	'5559879_/_5559877'		1.17	3.33	3.33	0.01	0.77	3.33	1.89 No	0.01 Thermal Discharging
TLK064	382	'43735499_/_43735501'		1.1	3.33	3.33	0.09	1	3.33	1.89 No	0.09 Thermal Discharging
TLK064	383	'65223937_/_65223948_1'		0.97	3.33	3.33	0.09	0.3	3.33	1.89 No	0.09 Thermal Discharging
TLK064	384	'8662470_/_8662467'		1	3.33	3.33	0.09	0.1	3.33	1.89 No	0.09 Thermal Discharging
TLK064	385	'5549471_/_5549481'		1.43	3.33	3.33	0.01	1.1	3.33	1.89 No	0.01 Thermal Discharging
TLK064	386	'43734446_/_5549536'		1.43	3.33	3.33	0.01	1.1	3.33	1.89 No	0.01 Thermal Discharging
TLK064	387	'5523444_/_5543025'		1.07	3.33	3.33	0.09	0.5	3.33	1.89 No	0.09 Thermal Discharging
TLK064	388	'5535769_/_5535766'		1.07	3.33	3.33	0.09	0.4	3.33	1.89 No	0.09 Thermal Discharging
TLK064	389	'44067790_/_5546716'		1.57	3.33	3.33	0.01	0.2	3.33	1.89 No	0.01 Thermal Discharging
TLK064	390	'5550360_/_5550357'		1.57	3.33	3.33	0.09	0.3	3.33	1.89 No	0.09 Thermal Discharging
TLK064	391	'5558966_/_5558963'		1.5	3.33	3.33	0.01	0.2	3.33	1.89 No	0.01 Thermal Discharging
TLK064	392	'43734567_/_5549867'		1.13	3.33	3.33	0.09	0.5	3.33	1.89 No	0.09 Thermal Discharging
TLK064	393	'5550470_/_5550468'		1.53	3.33	3.33	0.01	1	3.33	1.89 No	0.01 Thermal Discharging
TLK064	394	'5549925_/_5549935'		1.13	3.33	3.33	0.09	0.5	3.33	1.89 No	0.09 Thermal Discharging
TLK064	395	'43735554_/_43735556'		1.03	3.33	3.33	0.09	0.5	3.33	1.89 No	0.09 Thermal Discharging
TLK064	396	'5549509_/_5549507'		1.3	3.33	3.33	0.01	1.1	3.33	1.89 No	0.01 Thermal Discharging
TLK064	397	'5546481_/_43737395'		1.37	3.33	3.33	0.09	0.5	3.33	1.89 No	0.09 Thermal Discharging
TLK064	398	'44775612_/_5542464'		1	3.33	3.33	0.09	1	3.33	1.89 No	0.09 Thermal Discharging
TLK064	399	'5550126_/_5550124'		2.4	6.67	6.67	0.18	0.9	6.67	3.79 No	0.18 Thermal Discharging
TLK064	400	'43734501_/_43734503'		1.27	3.33	3.33	0.01	1.1	3.33	1.89 No	0.01 Thermal Discharging
TLK064	401	'5523443_/_5523441'		1	3.33	3.33	0.09	0.5	3.33	1.89 No	0.09 Thermal Discharging
TLK064	402	'5546719_/_44067792'		1.33	3.33	3.33	0.01	0.2	3.33	1.89 No	0.01 Thermal Discharging
TLK064	403	'5549552_/_5549549'		1.27	3.33	3.33	0.01	1.1	3.33	1.89 No	0.01 Thermal Discharging
TLK064	404	'5560909_/_5560907_1'		1.2	3.33	3.33	0.09	0.2	3.33	1.89 No	0.09 Thermal Discharging
TLK064	405	'5559461_/_5559890'		1.03	3.33	3.33	0.01	0.77	3.33	1.89 No	0.01 Thermal Discharging
TLK064	406	'371294184_/_5543067'		1	3.33	3.33	0.09	0.4	3.33	1.89 No	0.09 Thermal Discharging
TLK064	407	'5550248_/_43734669'		1.3	3.33	3.33	0.09	0.3	3.33	1.89 No	0.09 Thermal Discharging
TLK064	408	'5549844_/_5549854'		1.07	3.33	3.33	0.09	0.5	3.33	1.89 No	0.09 Thermal Discharging
TLK064	409	'5559137_/_5559135'		1.3	3.33	3.33	0.01	0.2	3.33	1.89 No	0.01 Thermal Discharging
TLK064	410	'5558939_/_5558976'		1.23	3.33	3.33	0.01	0.2	3.33	1.89 No	0.01 Thermal Discharging
TLK064	411	'5523512_/_5542594'		0.93	3.33	3.33	0.09	0.5	3.33	1.89 No	0.09 Thermal Discharging
TLK064	412	'43734611_/_43734613'		1	3.33	3.33	0.09	0.5	3.33	1.89 No	0.09 Thermal Discharging
TLK064	413	'5550097_/_5550109'		2.2	6.67	6.67	0.18	0.9	6.67	3.79 No	0.18 Thermal Discharging
TLK064	414	'5546494_/_5546491'		1.23	3.33	3.33	0.09	0.5	3.33	1.89 No	0.09 Thermal Discharging
TLK064	415	'43732583_/_5542399'		0.97	3.33	3.33	0.09	0.5	3.33	1.89 No	0.09 Thermal Discharging
TLK064	416	'5558940_/_5558950_1'		1.2	3.33	3.33	0.01	0.1	3.33	1.89 No	0.01 Thermal Discharging
TLK064	417	'5549470_/_5549468'		1.17	3.33	3.33	0.01	1.1	3.33	1.89 No	0.01 Thermal Discharging
TLK064	418	'5549831_/_5549841'		1	3.33	3.33	0.09	0.5	3.33	1.89 No	0.09 Thermal Discharging
TLK064	419	'8041417_/_362337370_2'		1.1	3.33	3.33	0.09	0.1	3.33	1.89 No	0.09 Thermal Discharging
TLK064	420	'5549565_/_5549562'		1.13	3.33	3.33	0.01	1.1	3.33	1.89 No	0.01 Thermal Discharging
TLK064	421	'5559460_/_5559458'		0.97	3.33	3.33	0.01	0.77	3.33	1.89 No	0.01 Thermal Discharging
TLK064	422	'5559490_/_5559487'		0.93	3.33	3.33	0.01	0.77	3.33	1.89 No	0.01 Thermal Discharging
TLK064	423	'5561314_/_5561311'		1.13	3.33	3.33	0.01	0.2	3.33	1.89 No	0.01 Thermal Discharging
TLK064	424	'5546732_/_5546729'		1.1	3.33	3.33	0.01	0.2	3.33	1.89 No	0.01 Thermal Discharging
TLK064	425	'5559018_/_5559646'		1.1	3.33	3.33	0.01	0.2	3.33	1.89 No	0.01 Thermal Discharging
TLK064	426	'5558953_/_5558950_2'		1.13	3.33	3.33	0.01	0.1	3.33	1.89 No	0.01 Thermal Discharging
TLK064	427	'5523511_/_5523509'		0.9	3.33	3.33	0.09	0.5	3.33	1.89 No	0.09 Thermal Discharging
TLK064	428	'5550079_/_5550094'		2	6.67	6.67	0.18	0.9	6.67	3.79 No	0.18 Thermal Discharging
TLK064	429	'5559661_/_5559672_2'		1.1	3.33	3.33	0.01	0.2	3.33	1.89 No	0.01 Thermal Discharging
TLK064	430	'5559503_/_5559500'		0.93	3.33	3.33	0.01	0.77	3.33	1.89 No	0.01 Thermal Discharging
TLK064	431	'43734578_/_5549828'		0.93	3.33	3.33	0.09	0.5	3.33	1.89 No	0.09 Thermal Discharging
TLK064	432	'43736266_/_5546504'		1.1	3.33	3.33	0.09	0.5	3.33	1.89 No	0.09 Thermal Discharging
TLK064	433	'43734645_/_5560907_2'		1.13	3.33	3.33	0.09	0.2	3.33	1.89 No	0.09 Thermal Discharging
TLK064	434	'5523431_/_5542386'		0.9	3.33	3.33	0.09	0.5	3.33	1.89 No	0.09 Thermal Discharging
TLK064	435	'5549924_/_5549922'		0.9	3.33	3.33	0.09	0.5	3.33	1.89 No	0.09 Thermal Discharging
TLK064	436	'43734435_/_5549575'		1.03	3.33	3.33	0.01	1.1	3.33	1.89 No	0.01 Thermal Discharging
TLK064	437	'5559031_/_5559028'		1.03	3.33	3.33	0.01	0.1	3.33	1.89 No	0.01 Thermal Discharging
TLK064	438	'5558992_/_5559002'		1.03	3.33	3.33	0.01	0.2	3.33	1.89 No	0.01 Thermal Discharging
TLK064	439	'43738107_/_5561324'		1.03	3.33	3.33	0.01	0.2	3.33	1.89 No	0.01 Thermal Discharging
TLK064	440	'43736345_/_5546742'		1	3.33	3.33	0.01	0.2	3.33	1.89 No	0.01 Thermal Discharging
TLK064	441	'43735543_/_5542581'		0.83	3.33	3.33	0.09	0.5	3.33	1.89 No	0.09 Thermal Discharging
TLK064	442	'5558927_/_5559672_1'		1	3.33	3.33	0.01	0.1	3.33	1.89 No	0.01 Thermal Discharging
TLK064	443	'5550048_/_5550076'		1.8	6.67	6.67	0.18	0.9	6.67	3.79 No	0.18 Thermal Discharging
TLK064	444	'5523418_/_5523428'		0.83	3.33	3.33	0.09	0.5	3.33	1.89 No	0.09 Thermal Discharging
TLK064	445	'5546507_/_43736268'		1	3.33	3.33	0.09	0.5	3.33	1.89 No	0.09 Thermal Discharging
TLK064	446	'5559545_/_5559555'		0.87	3.33	3.33	0.01	0.77	3.33	1.89 No	0.01 Thermal Discharging
TLK064	447	'7405304_/_53310299_2'		0.9	3.33	3.33	0.09	0.45	3.33	1.89 No	0.09 Thermal Discharging
TLK064	448	'7098631_/_7098628'		0.83	3.33	3.33	0.01	0.77	3.33	1.89 No	0.01 Thermal Discharging
TLK064	449	'5549802_/_5549812'		0.87	3.33	3.33	0.09	0.5	3.33	1.89 No	0.09 Thermal Discharging
TLK064	450	'43738074_/_5559041'		0.97	3.33	3.33	0.01	0.1	3.33	1.89 No	0.01 Thermal Discharging
TLK064	451	'5549698_/_43734437'		0.93	3.33	3.33	0.01	1.1	3.33	1.89 No	0.01 Thermal Discharging
TLK064	452	'5550484_/_5558989'		0.9	3.33	3.33	0.01	0.2	3.33	1.89 No	0.01 Thermal Discharging
TLK064	453	'5560897_/_43734647'		0.97	3.33	3.33	0.09	0.2	3.33	1.89 No	0.09 Thermal Discharging
TLK064	454	'5546745_/_43736347'		0.93	3.33	3.33	0.01	0.2	3.33	1.89 No	0.01 Thermal Discharging
TLK064	455	'5523417_/_5523415'		0.8	3.33	3.33	0.09	0.5	3.33	1.89 No	0.09 Thermal Discharging
TLK064	456	'5561327_/_43738109'		0.93	3.33	3.33	0.01	0.2	3.33	1.89 No	0.01 Thermal Discharging
TLK064	457	'5549801_/_5549799'		0.83	3.33	3.33	0.09	0.5	3.33	1.89 No	0.09 Thermal Discharging
TLK064	458	'5523537_/_5542568'		0.77	3.33	3.33	0.09	0.5	3.33	1.89 No	0.09 Thermal Discharging
TLK064	459	'43734379_/_43734381'		1.67	6.67	6.67	0.18	0.9	6.67	3.79 No	0.18 Thermal Discharging
TLK064	460	'5559057_/_5559054'		0.93	3.33	3.33	0.01	0.1	3.33	1.89 No	0.01 Thermal Discharging
TLK064	461	'5559532_/_5559542'		0.8	3.33	3.33	0.01	0.77	3.33	1.89 No	0.01 Thermal Discharging
TLK064	462	'53310297_/_53310299_1'		0.93	3.33	3.33	0.09	0.3	3.33	1.89 No	0.09 Thermal Discharging
TLK064	463	'464562411_/_5559067'		0.9	3.33	3.33	0.01	0.1	3.33	1.89 No	0.01 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over- Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TLK064	464	'43734769_/_43734771'		0.87	3.33	3.33	0.01	0.1	3.33	1.89 No	0.01 Thermal Discharging
TLK064	465	'53310331_/_53310338'		0.9	3.33	3.33	0.09	0.3	3.33	1.89 No	0.09 Thermal Discharging
TLK064	466	'5550500_/_5550497'		0.83	3.33	3.33	0.01	0.2	3.33	1.89 No	0.01 Thermal Discharging
TLK064	467	'5560896_/_5560894'		0.9	3.33	3.33	0.09	0.2	3.33	1.89 No	0.09 Thermal Discharging
TLK064	468	'43734424_/_43734426'		0.83	3.33	3.33	0.01	1.1	3.33	1.89 No	0.01 Thermal Discharging
TLK064	469	'53310359_/_53310386'		0.87	3.33	3.33	0.09	0.3	3.33	1.89 No	0.09 Thermal Discharging
TLK064	470	'43735609_/_5543106'		0.73	3.33	3.33	0.09	0.5	3.33	1.89 No	0.09 Thermal Discharging
TLK064	471	'43732572_/_43732574'		0.73	3.33	3.33	0.09	0.5	3.33	1.89 No	0.09 Thermal Discharging
TLK064	472	'5523538_/_5523535'		0.73	3.33	3.33	0.09	0.5	3.33	1.89 No	0.09 Thermal Discharging
TLK064	473	'43734780_/_43734782'		0.83	3.33	3.33	0.01	0.2	3.33	1.89 No	0.01 Thermal Discharging
TLK064	474	'5549306_/_5549318'		1.53	6.67	6.67	0.18	0.9	6.67	3.79 No	0.18 Thermal Discharging
TLK064	475	'5559519_/_5559529'		0.73	3.33	3.33	0.01	0.77	3.33	1.89 No	0.01 Thermal Discharging
TLK064	476	'5559070_/_464562413'		0.83	3.33	3.33	0.01	0.1	3.33	1.89 No	0.01 Thermal Discharging
TLK064	477	'5541804_/_7098660'		0.73	3.33	3.33	0.01	0.77	3.33	1.89 No	0.01 Thermal Discharging
TLK064	478	'5559109_/_43738098'		0.83	3.33	3.33	0.01	0.1	3.33	1.89 No	0.01 Thermal Discharging
TLK064	479	'5550513_/_5550510'		0.77	3.33	3.33	0.01	0.2	3.33	1.89 No	0.01 Thermal Discharging
TLK064	480	'5559083_/_5559080'		0.8	3.33	3.33	0.01	0.1	3.33	1.89 No	0.01 Thermal Discharging
TLK064	481	'5543137_/_7098644'		0.73	3.33	3.33	0.01	0.77	3.33	1.89 No	0.01 Thermal Discharging
TLK064	482	'5541791_/_5543093'		0.7	3.33	3.33	0.09	0.5	3.33	1.89 No	0.09 Thermal Discharging
TLK064	483	'5560926_/_5560923'		0.83	3.33	3.33	0.09	0.2	3.33	1.89 No	0.09 Thermal Discharging
TLK064	484	'7405305_/_5310215'		0.83	3.33	3.33	0.09	0.3	3.33	1.89 No	0.09 Thermal Discharging
TLK064	485	'5542347_/_5542360'		0.7	3.33	3.33	0.09	0.5	3.33	1.89 No	0.09 Thermal Discharging
TLK064	486	'5556815_/_5556826'		0.77	3.33	3.33	0.01	1.1	3.33	1.89 No	0.01 Thermal Discharging
TLK064	487	'5558926_/_5558924'		0.77	3.33	3.33	0.01	0.1	3.33	1.89 No	0.01 Thermal Discharging
TLK064	488	'5541803_/_5541801'		0.7	3.33	3.33	0.01	0.77	3.33	1.89 No	0.01 Thermal Discharging
TLK064	489	'5549305_/_5549303'		1.4	6.67	6.67	0.18	0.9	6.67	3.79 No	0.18 Thermal Discharging
TLK064	490	'5559095_/_43738087'		0.77	3.33	3.33	0.01	0.1	3.33	1.89 No	0.01 Thermal Discharging
TLK064	491	'5550526_/_5550523'		0.73	3.33	3.33	0.01	0.2	3.33	1.89 No	0.01 Thermal Discharging
TLK064	492	'5541790_/_5541788'		0.67	3.33	3.33	0.09	0.5	3.33	1.89 No	0.09 Thermal Discharging
TLK064	493	'43735631_/_5543135'		0.7	3.33	3.33	0.01	0.77	3.33	1.89 No	0.01 Thermal Discharging
TLK064	494	'5550483_/_5550481'		0.73	3.33	3.33	0.01	0.2	3.33	1.89 No	0.01 Thermal Discharging
TLK064	495	'43738140_/_43738142'		0.7	3.33	3.33	0.01	0.77	3.33	1.89 No	0.01 Thermal Discharging
TLK064	496	'43732605_/_5523600'		0.67	3.33	3.33	0.09	0.5	3.33	1.89 No	0.09 Thermal Discharging
TLK064	497	'43734391_/_5549348'		0.7	3.33	3.33	0.09	0.45	3.33	1.89 No	0.09 Thermal Discharging
TLK064	498	'5543138_/_43735633'		0.67	3.33	3.33	0.01	0.77	3.33	1.89 No	0.01 Thermal Discharging
TLK064	499	'43734656_/_5560936'		0.77	3.33	3.33	0.09	0.2	3.33	1.89 No	0.09 Thermal Discharging
TLK064	500	'43734367_/_43734369'		1.33	6.67	6.67	0.18	0.9	6.67	3.79 No	0.18 Thermal Discharging
TLK064	501	'43732561_/_43732563'		0.67	3.33	3.33	0.09	0.5	3.33	1.89 No	0.09 Thermal Discharging
TLK064	502	'5549351_/_43734393'		0.67	3.33	3.33	0.09	0.3	3.33	1.89 No	0.09 Thermal Discharging
TLK064	503	'43737685_/_5556839'		0.7	3.33	3.33	0.01	1.1	3.33	1.89 No	0.01 Thermal Discharging
TLK064	504	'5550539_/_5550536'		0.7	3.33	3.33	0.01	0.2	3.33	1.89 No	0.01 Thermal Discharging
TLK064	505	'5543153_/_5543151'		0.67	3.33	3.33	0.01	0.77	3.33	1.89 No	0.01 Thermal Discharging
TLK064	506	'43734413_/_5556813'		0.7	3.33	3.33	0.01	1.1	3.33	1.89 No	0.01 Thermal Discharging
TLK064	507	'43735620_/_5543119'		0.63	3.33	3.33	0.09	0.5	3.33	1.89 No	0.09 Thermal Discharging
TLK064	508	'5549276_/_5549288'		1.27	6.67	6.67	0.18	0.9	6.67	3.79 No	0.18 Thermal Discharging
TLK064	509	'5523405_/_5542331'		0.63	3.33	3.33	0.09	0.5	3.33	1.89 No	0.09 Thermal Discharging
TLK064	510	'5559447_/_5559445'		0.63	3.33	3.33	0.01	0.77	3.33	1.89 No	0.01 Thermal Discharging
TLK064	511	'5541778_/_7098612'		0.63	3.33	3.33	0.01	0.3	3.33	1.89 No	0.01 Thermal Discharging
TLK064	512	'7405440_/_9298724'		0.7	3.33	3.33	0.09	0.3	3.33	1.89 No	0.09 Thermal Discharging
TLK064	513	'7405441_/_7405438'		0.63	3.33	3.33	0.09	0.3	3.33	1.89 No	0.09 Thermal Discharging
TLK064	514	'5550289_/_43734658'		0.7	3.33	3.33	0.09	0.2	3.33	1.89 No	0.09 Thermal Discharging
TLK064	515	'5550552_/_5550549_1'		0.67	3.33	3.33	0.01	0.1	3.33	1.89 No	0.01 Thermal Discharging
TLK064	516	'5549590_/_43734415'		0.7	3.33	3.33	0.01	1.1	3.33	1.89 No	0.01 Thermal Discharging
TLK064	517	'5523603_/_43732607'		0.6	3.33	3.33	0.09	0.5	3.33	1.89 No	0.09 Thermal Discharging
TLK064	518	'43734791_/_5550549_2'		0.63	3.33	3.33	0.01	0.1	3.33	1.89 No	0.01 Thermal Discharging
TLK064	519	'5549591_/_5549588'		0.67	3.33	3.33	0.01	1.1	3.33	1.89 No	0.01 Thermal Discharging
TLK064	520	'551400087_/_551400091'		0.63	3.33	3.33	0.01	0.3	3.33	1.89 No	0.01 Thermal Discharging
TLK064	521	'551400066_/_7098596'		0.63	3.33	3.33	0.01	0.77	3.33	1.89 No	0.01 Thermal Discharging
TLK064	522	'43735598_/_43735600'		0.63	3.33	3.33	0.01	0.3	3.33	1.89 No	0.01 Thermal Discharging
TLK064	523	'5523392_/_5523402'		0.63	3.33	3.33	0.09	0.5	3.33	1.89 No	0.09 Thermal Discharging
TLK064	524	'43737674_/_43737687'		0.67	3.33	3.33	0.01	1.1	3.33	1.89 No	0.01 Thermal Discharging
TLK064	525	'5549096_/_5549273'		1.2	6.67	6.67	0.18	0.9	6.67	3.79 No	0.18 Thermal Discharging
TLK064	526	'5549247_/_5549244_2'		0.6	3.33	3.33	0.09	0.45	3.33	1.89 No	0.09 Thermal Discharging
TLK064	527	'5543122_/_43735622'		0.6	3.33	3.33	0.09	0.5	3.33	1.89 No	0.09 Thermal Discharging
TLK064	528	'7387239_/_7387236'		0.6	3.33	3.33	0.09	0.3	3.33	1.89 No	0.09 Thermal Discharging
TLK064	529	'5550288_/_5550286'		0.67	3.33	3.33	0.09	0.2	3.33	1.89 No	0.09 Thermal Discharging
TLK064	530	'5550724_/_43734793'		0.63	3.33	3.33	0.01	0.1	3.33	1.89 No	0.01 Thermal Discharging
TLK064	531	'43734402_/_5549604'		0.67	3.33	3.33	0.01	1.1	3.33	1.89 No	0.01 Thermal Discharging
TLK064	532	'5523391_/_5523389'		0.6	3.33	3.33	0.09	0.5	3.33	1.89 No	0.09 Thermal Discharging
TLK064	533	'5549234_/_5549244_1'		0.6	3.33	3.33	0.09	0.3	3.33	1.89 No	0.09 Thermal Discharging
TLK064	534	'5550302_/_5550299'		0.67	3.33	3.33	0.09	0.2	3.33	1.89 No	0.09 Thermal Discharging
TLK064	535	'468844114_/_5523652_1'		0.6	3.33	3.33	0.09	0.3	3.33	1.89 No	0.09 Thermal Discharging
TLK064	536	'5521964_/_5541775'		0.6	3.33	3.33	0.01	0.3	3.33	1.89 No	0.01 Thermal Discharging
TLK064	537	'5522055_/_551400070'		0.6	3.33	3.33	0.01	0.77	3.33	1.89 No	0.01 Thermal Discharging
TLK064	538	'5550581_/_5550721'		0.6	3.33	3.33	0.01	0.1	3.33	1.89 No	0.01 Thermal Discharging
TLK064	539	'43734310_/_5549093'		1.13	6.67	6.67	0.18	0.9	6.67	3.79 No	0.18 Thermal Discharging
TLK064	540	'5549607_/_43734404'		0.63	3.33	3.33	0.01	1.1	3.33	1.89 No	0.01 Thermal Discharging
TLK064	541	'5523379_/_5542302'		0.57	3.33	3.33	0.09	0.5	3.33	1.89 No	0.09 Thermal Discharging
TLK064	542	'5556842_/_43737676'		0.6	3.33	3.33	0.01	1.1	3.33	1.89 No	0.01 Thermal Discharging
TLK064	543	'43734356_/_43734358'		0.6	3.33	3.33	0.09	0.3	3.33	1.89 No	0.09 Thermal Discharging
TLK064	544	'5523655_/_5523652_2'		0.57	3.33	3.33	0.09	0.3	3.33	1.89 No	0.09 Thermal Discharging
TLK064	545	'44974156_/_5550562'		0.57	3.33	3.33	0.01	0.1	3.33	1.89 No	0.01 Thermal Discharging
TLK064	546	'43729148_/_5522052'		0.57	3.33	3.33	0.01	0.77	3.33	1.89 No	0.01 Thermal Discharging
TLK064	547	'43729181_/_43729183'		0.57	3.33	3.33	0.01	0.3	3.33	1.89 No	0.01 Thermal Discharging
TLK064	548	'5549192_/_5561241'		1.07	6.67	6.67	0.18	0.9	6.67	3.79 No	0.18 Thermal Discharging
TLK064	549	'5550594_/_5550591'		0.57	3.33	3.33	0.01	0.1	3.33	1.89 No	0.01 Thermal Discharging
TLK064	550	'587150264_/_5549160_2'		0.53	3.33	3.33	0.09	0.45	3.33	1.89 No	0.09 Thermal Discharging
TLK064	551	'587150248_/_5561259_2'		0.53	3.33	3.33	0.09	0.45	3.33	1.89 No	0.09 Thermal Discharging
TLK064	552	'5523378_/_5523376'		0.57	3.33	3.33	0.09	0.5	3.33	1.89 No	0.09 Thermal Discharging
TLK064	553	'5549233_/_5549231'		0.6	3.33	3.33	0.09	0.3	3.33	1.89 No	0.09 Thermal Discharging
TLK064	554	'5549204_/_5561259_1'		0.53	3.33	3.33	0.09	0.3	3.33	1.89 No	0.09 Thermal Discharging
TLK064	555	'5549150_/_5549160_1'		0.53	3.33	3.33	0.09	0.3	3.33	1.89 No	0.09 Thermal Discharging
TLK064	556	'5521938_/_5521948'		0.53	3.33	3.33	0.01	0.3	3.33	1.89 No	0.01 Thermal Discharging
TLK064	557	'5549083_/_5561228_2'		0.53	3.33	3.33	0.09	0.45	3.33	1.89 No	0.09 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TLK064	558	'43734299_/_5561228_1'	0.5	3.33	3.33	0.09	0.3	3.33	1.89 No	0.09	Thermal Discharging
TLK064	559	'5521815_/_5522039'	0.53	3.33	3.33	0.01	0.77	3.33	1.89 No	0.01	Thermal Discharging
TLK064	560	'5523456_/_5523665'	0.53	3.33	3.33	0.09	0.3	3.33	1.89 No	0.09	Thermal Discharging
TLK064	561	'43732550_/_5542289'	0.53	3.33	3.33	0.09	0.5	3.33	1.89 No	0.09	Thermal Discharging
TLK064	562	'5550607_/_5550604'	0.53	3.33	3.33	0.01	0.1	3.33	1.89 No	0.01	Thermal Discharging
TLK064	563	'5549137_/_5549147'	0.53	3.33	3.33	0.09	0.3	3.33	1.89 No	0.09	Thermal Discharging
TLK064	564	'502586314_/_502586318'	0.5	3.33	3.33	0.09	0.3	3.33	1.89 No	0.09	Thermal Discharging
TLK064	565	'5549205_/_5549202'	0.53	3.33	3.33	0.09	0.3	3.33	1.89 No	0.09	Thermal Discharging
TLK064	566	'70250223_/_5549215_1'	0.53	3.33	3.33	0.09	0.3	3.33	1.89 No	0.09	Thermal Discharging
TLK064	567	'5549057_/_5549067'	0.5	3.33	3.33	0.09	0.3	3.33	1.89 No	0.09	Thermal Discharging
TLK064	568	'43729170_/_5521935'	0.53	3.33	3.33	0.01	0.3	3.33	1.89 No	0.01	Thermal Discharging
TLK064	569	'5523366_/_5542276'	0.5	3.33	3.33	0.09	0.5	3.33	1.89 No	0.09	Thermal Discharging
TLK064	570	'70250219_/_50791167'	0.53	3.33	3.33	0.09	0.3	3.33	1.89 No	0.09	Thermal Discharging
TLK064	571	'5521828_/_5521825'	0.5	3.33	3.33	0.01	0.77	3.33	1.89 No	0.01	Thermal Discharging
TLK064	572	'5523457_/_5523454'	0.5	3.33	3.33	0.09	0.3	3.33	1.89 No	0.09	Thermal Discharging
TLK064	573	'5522080_/_5523363'	0.5	3.33	3.33	0.09	0.5	3.33	1.89 No	0.09	Thermal Discharging
TLK064	574	'5521802_/_5521812'	0.5	3.33	3.33	0.01	0.77	3.33	1.89 No	0.01	Thermal Discharging
TLK064	575	'5549124_/_5549134'	0.53	3.33	3.33	0.09	0.3	3.33	1.89 No	0.09	Thermal Discharging
TLK064	576	'9297651_/_9683264_1'	0.5	3.33	3.33	0.01	0.3	3.33	1.89 No	0.01	Thermal Discharging
TLK064	577	'5542998_/_43735468'	0.5	3.33	3.33	0.09	0.3	3.33	1.89 No	0.09	Thermal Discharging
TLK064	578	'468844153_/_5522078_1'	0.5	3.33	3.33	0.09	0.3	3.33	1.89 No	0.09	Thermal Discharging
TLK064	579	'5549111_/_5549121'	0.53	3.33	3.33	0.09	0.3	3.33	1.89 No	0.09	Thermal Discharging
TLK064	580	'9683267_/_9683264_2'	0.5	3.33	3.33	0.01	0.3	3.33	1.89 No	0.01	Thermal Discharging
TLK064	581	'5549056_/_5549054'	0.47	3.33	3.33	0.09	0.3	3.33	1.89 No	0.09	Thermal Discharging
TLK064	582	'5521912_/_5521922'	0.5	3.33	3.33	0.01	0.3	3.33	1.89 No	0.01	Thermal Discharging
TLK064	583	'43734322_/_5549215_2'	0.53	3.33	3.33	0.09	0.3	3.33	1.89 No	0.09	Thermal Discharging
TLK064	584	'5522081_/_5522078_2'	0.5	3.33	3.33	0.09	0.3	3.33	1.89 No	0.09	Thermal Discharging
TLK064	585	'43735477_/_5542412'	0.5	3.33	3.33	0.09	0.3	3.33	1.89 No	0.09	Thermal Discharging
TLK064	586	'5550063_/_50791194'	0.53	3.33	3.33	0.09	0.3	3.33	1.89 No	0.09	Thermal Discharging
TLK064	587	'5521844_/_5521841'	0.5	3.33	3.33	0.01	0.77	3.33	1.89 No	0.01	Thermal Discharging
TLK064	588	'43734345_/_43734347'	0.53	3.33	3.33	0.09	0.3	3.33	1.89 No	0.09	Thermal Discharging
TLK064	589	'5521899_/_5521909'	0.47	3.33	3.33	0.01	0.3	3.33	1.89 No	0.01	Thermal Discharging
TLK064	590	'553337205_/_553337106'	0.47	3.33	3.33	0.01	0.1	3.33	1.89 No	0.01	Thermal Discharging
TLK064	591	'5521786_/_5521799'	0.5	3.33	3.33	0.01	0.77	3.33	1.89 No	0.01	Thermal Discharging
TLK064	592	'5544561_/_5544571'	0.5	3.33	3.33	0.09	0.5	3.33	1.89 No	0.09	Thermal Discharging
TLK064	593	'43734277_/_5559594'	0.47	3.33	3.33	0.09	0.3	3.33	1.89 No	0.09	Thermal Discharging
TLK064	594	'469969868_/_5544558_2'	0.47	3.33	3.33	0.09	0.5	3.33	1.89 No	0.09	Thermal Discharging
TLK064	595	'43732372_/_5542013'	0.47	3.33	3.33	0.09	0.3	3.33	1.89 No	0.09	Thermal Discharging
TLK064	596	'5523469_/_5542425'	0.47	3.33	3.33	0.09	0.3	3.33	1.89 No	0.09	Thermal Discharging
TLK064	597	'5549110_/_5549108'	0.5	3.33	3.33	0.09	0.3	3.33	1.89 No	0.09	Thermal Discharging
TLK064	598	'43729159_/_5521896'	0.47	3.33	3.33	0.01	0.3	3.33	1.89 No	0.01	Thermal Discharging
TLK064	599	'43729137_/_5521857'	0.47	3.33	3.33	0.01	0.77	3.33	1.89 No	0.01	Thermal Discharging
TLK064	600	'5550646_/_553337209'	0.47	3.33	3.33	0.01	0.1	3.33	1.89 No	0.01	Thermal Discharging
TLK064	601	'5549044_/_5559581'	0.43	3.33	3.33	0.09	0.3	3.33	1.89 No	0.09	Thermal Discharging
TLK064	602	'43729126_/_5521783'	0.47	3.33	3.33	0.01	0.77	3.33	1.89 No	0.01	Thermal Discharging
TLK064	603	'43735893_/_5544558_1'	0.47	3.33	3.33	0.09	0.3	3.33	1.89 No	0.09	Thermal Discharging
TLK064	604	'5523470_/_5523467'	0.47	3.33	3.33	0.09	0.3	3.33	1.89 No	0.09	Thermal Discharging
TLK064	605	'5522029_/_43732374'	0.47	3.33	3.33	0.09	0.3	3.33	1.89 No	0.09	Thermal Discharging
TLK064	606	'5521873_/_5521883'	0.47	3.33	3.33	0.01	0.3	3.33	1.89 No	0.01	Thermal Discharging
TLK064	607	'5550685_/_5550682'	0.43	3.33	3.33	0.01	0.1	3.33	1.89 No	0.01	Thermal Discharging
TLK064	608	'5521860_/_43729139'	0.43	3.33	3.33	0.01	0.77	3.33	1.89 No	0.01	Thermal Discharging
TLK064	609	'5522016_/_5522026'	0.43	3.33	3.33	0.09	0.3	3.33	1.89 No	0.09	Thermal Discharging
TLK064	610	'43734802_/_5550656'	0.43	3.33	3.33	0.01	0.1	3.33	1.89 No	0.01	Thermal Discharging
TLK064	611	'5521872_/_5521870'	0.43	3.33	3.33	0.01	0.3	3.33	1.89 No	0.01	Thermal Discharging
TLK064	612	'5548986_/_5549041'	0.43	3.33	3.33	0.09	0.3	3.33	1.89 No	0.09	Thermal Discharging
TLK064	613	'5521510_/_5544545'	0.43	3.33	3.33	0.09	0.3	3.33	1.89 No	0.09	Thermal Discharging
TLK064	614	'43735488_/_5542438'	0.43	3.33	3.33	0.09	0.3	3.33	1.89 No	0.09	Thermal Discharging
TLK064	615	'5561179_/_5561189'	0.4	3.33	3.33	0.09	0.3	3.33	1.89 No	0.09	Thermal Discharging
TLK064	616	'5561204_/_5561202_1'	0.4	3.33	3.33	0.09	0.1	3.33	1.89 No	0.09	Thermal Discharging
TLK064	617	'5521497_/_5521507'	0.43	3.33	3.33	0.09	0.3	3.33	1.89 No	0.09	Thermal Discharging
TLK064	618	'5550698_/_5550695'	0.43	3.33	3.33	0.01	0.1	3.33	1.89 No	0.01	Thermal Discharging
TLK064	619	'5521760_/_5521770'	0.43	3.33	3.33	0.01	0.77	3.33	1.89 No	0.01	Thermal Discharging
TLK064	620	'5548985_/_5548983'	0.4	3.33	3.33	0.09	0.3	3.33	1.89 No	0.09	Thermal Discharging
TLK064	621	'43729192_/_43729194'	0.43	3.33	3.33	0.09	0.3	3.33	1.89 No	0.09	Thermal Discharging
TLK064	622	'5553292_/_5561202_2'	0.4	3.33	3.33	0.09	0.1	3.33	1.89 No	0.09	Thermal Discharging
TLK064	623	'5533303_/_5533313'	0.43	3.33	3.33	0.01	0.3	3.33	1.89 No	0.01	Thermal Discharging
TLK064	624	'5561288_/_5561285_2'	0.4	3.33	3.33	0.09	0.3	3.33	1.89 No	0.09	Thermal Discharging
TLK064	625	'5521523_/_5521520'	0.43	3.33	3.33	0.09	0.3	3.33	1.89 No	0.09	Thermal Discharging
TLK064	626	'5550672_/_5550669'	0.4	3.33	3.33	0.01	0.1	3.33	1.89 No	0.01	Thermal Discharging
TLK064	627	'5521759_/_5521757'	0.43	3.33	3.33	0.01	0.77	3.33	1.89 No	0.01	Thermal Discharging
TLK064	628	'43735493_/_43735490'	0.43	3.33	3.33	0.09	0.3	3.33	1.89 No	0.09	Thermal Discharging
TLK064	629	'5553416_/_5561176'	0.4	3.33	3.33	0.09	0.3	3.33	1.89 No	0.09	Thermal Discharging
TLK064	630	'5550711_/_43734815'	0.4	3.33	3.33	0.01	0.1	3.33	1.89 No	0.01	Thermal Discharging
TLK064	631	'43734244_/_5553290'	0.4	3.33	3.33	0.09	0.1	3.33	1.89 No	0.09	Thermal Discharging
TLK064	632	'5521989_/_5522000'	0.43	3.33	3.33	0.09	0.3	3.33	1.89 No	0.09	Thermal Discharging
TLK064	633	'5533302_/_5533300'	0.4	3.33	3.33	0.01	0.3	3.33	1.89 No	0.01	Thermal Discharging
TLK064	634	'5521747_/_5544667'	0.43	3.33	3.33	0.01	0.77	3.33	1.89 No	0.01	Thermal Discharging
TLK064	635	'5521484_/_5521494'	0.43	3.33	3.33	0.09	0.3	3.33	1.89 No	0.09	Thermal Discharging
TLK064	636	'43734222_/_5561285_1'	0.4	3.33	3.33	0.09	0.1	3.33	1.89 No	0.09	Thermal Discharging
TLK064	637	'5553319_/_43734246'	0.4	3.33	3.33	0.09	0.1	3.33	1.89 No	0.09	Thermal Discharging
TLK064	638	'5550750_/_5550747'	0.4	3.33	3.33	0.01	0.1	3.33	1.89 No	0.01	Thermal Discharging
TLK064	639	'5521471_/_5521481'	0.4	3.33	3.33	0.09	0.3	3.33	1.89 No	0.09	Thermal Discharging
TLK064	640	'43734211_/_43734213'	0.4	3.33	3.33	0.09	0.3	3.33	1.89 No	0.09	Thermal Discharging
TLK064	641	'5521536_/_5521533'	0.4	3.33	3.33	0.09	0.3	3.33	1.89 No	0.09	Thermal Discharging
TLK064	642	'5521977_/_5521987'	0.4	3.33	3.33	0.09	0.3	3.33	1.89 No	0.09	Thermal Discharging
TLK064	643	'43729115_/_5521744'	0.4	3.33	3.33	0.01	0.77	3.33	1.89 No	0.01	Thermal Discharging
TLK064	644	'5553305_/_5553303'	0.37	3.33	3.33	0.09	0.1	3.33	1.89 No	0.09	Thermal Discharging
TLK064	645	'5553348_/_5553345'	0.37	3.33	3.33	0.09	0.1	3.33	1.89 No	0.09	Thermal Discharging
TLK064	646	'5521549_/_5521546'	0.4	3.33	3.33	0.09	0.3	3.33	1.89 No	0.09	Thermal Discharging
TLK064	647	'5521976_/_5521974'	0.4	3.33	3.33	0.09	0.3	3.33	1.89 No	0.09	Thermal Discharging
TLK064	648	'5521458_/_5521468'	0.4	3.33	3.33	0.09	0.3	3.33	1.89 No	0.09	Thermal Discharging
TLK064	649	'43734255_/_5553358'	0.37	3.33	3.33	0.09	0.1	3.33	1.89 No	0.09	Thermal Discharging
TLK064	650	'5521562_/_5521559'	0.4	3.33	3.33	0.09	0.3	3.33	1.89 No	0.09	Thermal Discharging
TLK064	651	'5521718_/_5521728'	0.4	3.33	3.33	0.01	0.77	3.33	1.89 No	0.01	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over- Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TLK064	652	'5558881_/_5558879'		0.37	3.33	3.33	0.09	0.3	3.33	1.89 No	0.09 Thermal Discharging
TLK064	653	'43734824_/_5550825'		0.37	3.33	3.33	0.01	0.1	3.33	1.89 No	0.01 Thermal Discharging
TLK064	654	'7718153_/_8982257_1'		0.4	3.33	3.33	0.01	0.3	3.33	1.89 No	0.01 Thermal Discharging
TLK064	655	'43734233_/_43734235'		0.37	3.33	3.33	0.09	0.1	3.33	1.89 No	0.09 Thermal Discharging
TLK064	656	'8982260_/_8982257_2'		0.4	3.33	3.33	0.01	0.3	3.33	1.89 No	0.01 Thermal Discharging
TLK064	657	'5521575_/_5521572'		0.4	3.33	3.33	0.09	0.3	3.33	1.89 No	0.09 Thermal Discharging
TLK064	658	'43729071_/_43729073'		0.4	3.33	3.33	0.09	0.3	3.33	1.89 No	0.09 Thermal Discharging
TLK064	659	'5558869_/_5558895'		0.37	3.33	3.33	0.09	0.3	3.33	1.89 No	0.09 Thermal Discharging
TLK064	660	'43729104_/_43729106'		0.4	3.33	3.33	0.01	0.77	3.33	1.89 No	0.01 Thermal Discharging
TLK064	661	'43738063_/_43738065'		0.37	3.33	3.33	0.09	0.3	3.33	1.89 No	0.09 Thermal Discharging
TLK064	662	'5553331_/_5553329'		0.37	3.33	3.33	0.09	0.1	3.33	1.89 No	0.09 Thermal Discharging
TLK064	663	'5553374_/_43734257'		0.37	3.33	3.33	0.09	0.1	3.33	1.89 No	0.09 Thermal Discharging
TLK064	664	'5556084_/_5556081'		0.37	3.33	3.33	0.01	0.1	3.33	1.89 No	0.01 Thermal Discharging
TLK064	665	'5556123_/_5556120'		0.37	3.33	3.33	0.01	0.1	3.33	1.89 No	0.01 Thermal Discharging
TLK064	666	'5558868_/_5558866'		0.37	3.33	3.33	0.09	0.3	3.33	1.89 No	0.09 Thermal Discharging
TLK064	667	'5521429_/_5521439'		0.37	3.33	3.33	0.09	0.3	3.33	1.89 No	0.09 Thermal Discharging
TLK064	668	'5510899_/_5521702'		0.37	3.33	3.33	0.01	0.77	3.33	1.89 No	0.01 Thermal Discharging
TLK064	669	'430940269_/_430940266'		0.33	3.33	3.33	0.01	0.1	3.33	1.89 No	0.01 Thermal Discharging
TLK064	670	'5553390_/_5553387'		0.33	3.33	3.33	0.09	0.1	3.33	1.89 No	0.09 Thermal Discharging
TLK064	671	'430940407_/_430940340_1'		0.33	3.33	3.33	0.01	0.1	3.33	1.89 No	0.01 Thermal Discharging
TLK064	672	'5510932_/_5521426'		0.37	3.3	3.33	0.09	0.3	3.33	1.89 No	0.09 Thermal Discharging
TLK064	673	'430940330_/_430940340_2'		0.33	3.33	3.33	0.01	0.1	3.33	1.89 No	0.01 Thermal Discharging
TLK064	674	'5521679_/_5521689'		0.37	3.3	3.33	0.01	0.77	3.33	1.89 No	0.01 Thermal Discharging
TLK064	675	'70250460_/_9297632_1'		0.37	3.27	3.33	0.01	0.3	3.33	1.89 No	0.01 Thermal Discharging
TLK064	676	'5521400_/_5521410'		0.37	3.2	3.33	0.09	0.3	3.33	1.89 No	0.09 Thermal Discharging
TLK064	677	'5510900_/_5510897'		0.37	3.23	3.33	0.01	0.77	3.33	1.89 No	0.01 Thermal Discharging
TLK064	678	'43734288_/_5553400'		0.33	3.33	3.33	0.09	0.1	3.3	1.89 No	0.09 Thermal Discharging
TLK064	679	'9297635_/_9297632_2'		0.37	3.23	3.33	0.01	0.3	3.33	1.89 No	0.01 Thermal Discharging
TLK064	680	'43729060_/_5510930'		0.37	3.2	3.33	0.09	0.3	3.31	1.89 No	0.09 Thermal Discharging
TLK064	681	'5521678_/_5521676'		0.37	3.17	3.33	0.01	0.77	3.29	1.89 No	0.01 Thermal Discharging
TLK064	682	'5521652_/_5521663'		0.37	3.13	3.33	0.01	0.77	3.27	1.89 No	0.01 Thermal Discharging
TLK064	683	'43729049_/_5521397'		0.33	3.13	3.33	0.09	0.3	3.28	1.89 No	0.09 Thermal Discharging
TLK064	684	'5553403_/_43734290'		0.33	3.33	3.33	0.09	0.1	3.24	1.89 No	0.09 Thermal Discharging
TLK064	685	'5521627_/_5521637'		0.33	3.1	3.33	0.01	0.77	3.25	1.89 No	0.01 Thermal Discharging
TLK064	686	'5510933_/_43729062'		0.33	3.07	3.33	0.09	0.3	3.22	1.89 No	0.09 Thermal Discharging
TLK064	687	'43729093_/_5521650'		0.33	3.03	3.33	0.01	0.77	3.2	1.89 No	0.01 Thermal Discharging
TLK064	688	'5533332_/_5533342'		0.33	3	3.33	0.09	0.3	3.2	1.89 No	0.09 Thermal Discharging
TLK064	689	'5521614_/_5521624'		0.33	2.97	3.33	0.01	0.77	3.16	1.89 No	0.01 Thermal Discharging
TLK064	690	'5533331_/_5533329'		0.33	2.93	3.33	0.09	0.3	3.14	1.89 No	0.09 Thermal Discharging
TLK064	691	'5521653_/_43729095'		0.33	2.93	3.33	0.01	0.77	3.14	1.89 No	0.01 Thermal Discharging
TLK064	692	'5521601_/_5521611'		0.33	2.9	3.33	0.01	0.77	3.12	1.89 No	0.01 Thermal Discharging
TLK064	693	'5545190_/_5545200'		0.33	2.83	3.33	0.09	0.3	3.09	1.89 No	0.09 Thermal Discharging
TLK064	694	'43729082_/_5521598'		0.33	2.83	3.33	0.01	0.77	3.08	1.89 No	0.01 Thermal Discharging
TLK064	695	'43729038_/_43729040'		0.3	2.77	3.33	0.09	0.3	3.04	1.89 No	0.09 Thermal Discharging
TLK064	696	'5521587_/_5521585'		0.3	2.77	3.33	0.01	0.77	3.02	1.89 No	0.01 Thermal Discharging
TLK064	697	'430940358_/_430940368'		0.27	2.8	3.33	0.01	0.1	2.75	1.89 No	0.01 Thermal Discharging
TLK065	0	'TLK065_/_68021200'		10	10	10	0.64	10	10	10 No	0.64 Thermal Discharging
TLK065	1	'580201439_/_68021200'		10	10	10	0.64	10	10	10 No	0.64 Thermal Discharging
TLK065	2	'580201471_/_580201444'		10	10	10	0.64	10	10	10 No	0.64 Thermal Discharging
TLK065	3	'580201503_/_580201476'		10	10	10	0.64	10	10	10 No	0.64 Thermal Discharging
TLK065	4	'68021203_/_580201508'		10	10	10	0.64	10	10	10 No	0.64 Thermal Discharging
TLK066	0	'TLK066_/_330522052_1'		10	10	10	0.41	10	10	10 No	0.41 Thermal Discharging
TLK066	1	'330522080_/_330522052_1'		10	10	10	0.41	10	10	8.09 No	0.41 Thermal Discharging
TLK066	2	'150141656_/_330522052_2'		10	10	10	0.41	10	10	8.09 No	0.41 Thermal Discharging
TLK066	3	'45270476_/_150141646'		10	10	10	0.41	10	10	8.07 No	0.41 Thermal Discharging
TLK066	4	'693255902_/_693255908'		10	10	10	0.41	10	10	8.06 No	0.41 Thermal Discharging
TLK066	5	'693256145_/_693256029_1'		10	10	10	0.41	1.4	10	8.06 No	0.41 Thermal Discharging
TLK066	6	'693256008_/_693256014'		10	10	10	0.41	10	10	8.05 No	0.41 Thermal Discharging
TLK066	7	'43735971_/_5544792'		10	10	10	0.41	10	10	8.03 No	0.41 Thermal Discharging
TLK066	8	'5543774_/_5544828'		10	10	10	0.41	10	10	8 No	0.41 Thermal Discharging
TLK066	9	'5539220_/_5543771'		10	10	10	0.41	10	10	7.96 No	0.41 Thermal Discharging
TLK066	10	'8355258_/_8355255_1'		10	10	10	0.41	0.6	10	7.98 No	0.41 Thermal Discharging
TLK066	11	'693256134_/_693256029_2'		10	10	10	0.41	1.4	10	8.02 No	0.41 Thermal Discharging
TLK066	12	'7718427_/_8355255_2'		10	10	10	0.41	0.6	10	7.97 No	0.41 Thermal Discharging
TLK066	13	'5505174_/_5539217'		10	10	10	0.41	10	10	7.92 No	0.41 Thermal Discharging
TLK066	14	'5505089_/_5505171'		10	10	10	0.41	10	10	7.88 No	0.41 Thermal Discharging
TLK066	15	'5505072_/_5505086'		10	10	10	0.41	10	10	7.87 No	0.41 Thermal Discharging
TLK066	16	'7404795_/_9297886_1'		10	10	10	0.41	1.4	10	7.86 No	0.41 Thermal Discharging
TLK066	17	'5505055_/_5505069'		10	10	10	0.41	10	10	7.81 No	0.41 Thermal Discharging
TLK066	18	'5505038_/_5505052'		10	10	10	0.41	10	10	7.77 No	0.41 Thermal Discharging
TLK066	19	'7404815_/_8355199_1'		10	10	10	0.41	0.5	10	7.8 No	0.41 Thermal Discharging
TLK066	20	'5505021_/_5505035'		10	10	10	0.41	10	10	7.73 No	0.41 Thermal Discharging
TLK066	21	'5505004_/_5505018'		10	10	10	0.41	10	10	7.7 No	0.41 Thermal Discharging
TLK066	22	'43735960_/_5544812'		3.33	3.33	3.33	0.14	1.5	3.33	2.63 No	0.14 Thermal Discharging
TLK066	23	'5505003_/_5505001'		10	10	10	0.41	10	10	7.67 No	0.41 Thermal Discharging
TLK066	24	'8355202_/_8355199_2'		10	10	10	0.41	0.5	10	7.78 No	0.41 Thermal Discharging
TLK066	25	'5544815_/_7404988_2'		3.33	3.33	3.33	0.14	1.4	3.33	2.62 No	0.14 Thermal Discharging
TLK066	26	'43732041_/_43732043'		10	10	10	0.41	10	10	7.65 No	0.41 Thermal Discharging
TLK066	27	'5538878_/_5538587'		10	10	10	0.41	10	10	7.64 No	0.41 Thermal Discharging
TLK066	28	'150171691_/_150171693'		10	10	10	0.41	10	10	7.62 No	0.41 Thermal Discharging
TLK066	29	'9297889_/_9297886_2'		10	10	10	0.41	1.4	10	7.81 No	0.41 Thermal Discharging
TLK066	30	'150165903_/_5538915'		10	10	10	0.41	10	10	7.61 No	0.41 Thermal Discharging
TLK066	31	'150218438_/_43732144_2'		10	10	10	0.41	3.7	10	7.62 No	0.41 Thermal Discharging
TLK066	32	'150165873_/_150165905'		10	10	10	0.41	10	10	7.59 No	0.41 Thermal Discharging
TLK066	33	'5538935_/_150165875'		10	10	10	0.41	10	10	7.56 No	0.41 Thermal Discharging
TLK066	34	'5538965_/_150165845'		10	10	10	0.41	10	10	7.54 No	0.41 Thermal Discharging
TLK066	35	'43732168_/_5539013'		10	10	10	0.41	10	10	7.51 No	0.41 Thermal Discharging
TLK066	36	'5505122_/_5539030'		10	10	10	0.41	10	10	7.5 No	0.41 Thermal Discharging
TLK066	37	'5538606_/_5538604_1'		3.33	3.33	3.33	0.14	0.5	3.33	2.51 No	0.14 Thermal Discharging
TLK066	38	'5505123_/_5505120'		10	10	10	0.41	10	10	7.48 No	0.41 Thermal Discharging
TLK066	39	'5505139_/_5539047'		10	10	10	0.41	10	10	7.46 No	0.41 Thermal Discharging
TLK066	40	'5505140_/_5505137'		10	10	10	0.41	10	10	7.46 No	0.41 Thermal Discharging
TLK066	41	'150243663_/_5539094_2'		3.33	3.33	3.33	0.14	1.1	3.33	2.49 No	0.14 Thermal Discharging
TLK066	42	'5505157_/_5505154'		10	10	10	0.41	10	10	7.46 No	0.41 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Over- Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TLK066	43	'43732142_/_43732144_1'		10	10	10	0.41	1.5	10	7.58 No	0.41 Thermal Discharging
TLK066	44	'43513249_/_150194128'		10	10	10	0.41	10	10	7.46 No	0.41 Thermal Discharging
TLK066	45	'124279534_/_55443359_1'		10	10	10	0.41	1.4	10	7.46 No	0.41 Thermal Discharging
TLK066	46	'43513262_/_43513251'		10	10	10	0.41	10	10	7.46 No	0.41 Thermal Discharging
TLK066	47	'4419434_/_43513264'		10	10	10	0.41	10	10	7.46 No	0.41 Thermal Discharging
TLK066	48	'43513192_/_4419432'		10	10	10	0.41	10	10	7.46 No	0.41 Thermal Discharging
TLK066	49	'4425238_/_4425253'		10	10	10	0.41	10	10	7.46 No	0.41 Thermal Discharging
TLK066	50	'124279476_/_55443359_2'		10	10	10	0.41	1.4	10	7.46 No	0.41 Thermal Discharging
TLK066	51	'4425057_/_4425074'		10	10	10	0.41	10	10	7.46 No	0.41 Thermal Discharging
TLK066	52	'4432667_/_4432665_1'		3.33	3.33	3.33	0.14	0.7	3.33	2.49 No	0.14 Thermal Discharging
TLK066	53	'8576262_/_8576260_1'		10	10	10	0.41	1.4	10	7.46 No	0.41 Thermal Discharging
TLK066	54	'4425239_/_4425236'		10	10	10	0.41	10	10	7.46 No	0.41 Thermal Discharging
TLK066	55	'4424931_/_4425054'		10	10	10	0.41	10	10	7.46 No	0.41 Thermal Discharging
TLK066	56	'7796211_/_7796209_1'		3.33	3.33	3.33	0.14	0.4	3.33	2.49 No	0.14 Thermal Discharging
TLK066	57	'5538527_/_5539094_1'		3.33	3.33	3.33	0.14	0.4	3.33	2.49 No	0.14 Thermal Discharging
TLK066	58	'4425023_/_4425037'		10	10	10	0.41	10	10	7.46 No	0.41 Thermal Discharging
TLK066	59	'4427981_/_4427978'		10	10	10	0.41	10	10	7.46 No	0.41 Thermal Discharging
TLK066	60	'5505206_/_5538604_2'		3.33	3.33	3.33	0.14	0.5	3.33	2.49 No	0.14 Thermal Discharging
TLK066	61	'7796212_/_7796209_2'		3.33	3.33	3.33	0.14	0.4	3.33	2.49 No	0.14 Thermal Discharging
TLK066	62	'43513153_/_4425020'		10	10	10	0.41	10	10	7.46 No	0.41 Thermal Discharging
TLK066	63	'4427998_/_4427995'		10	10	10	0.41	10	10	7.46 No	0.41 Thermal Discharging
TLK066	64	'43513179_/_4432678'		10	10	10	0.41	10	10	7.46 No	0.41 Thermal Discharging
TLK066	65	'43513128_/_43513130'		10	10	10	0.41	10	10	7.46 No	0.41 Thermal Discharging
TLK066	66	'4424989_/_4424986_2'		10	10	10	0.41	10	10	7.46 No	0.41 Thermal Discharging
TLK066	67	'7317150_/_8576260_2'		10	10	10	0.41	1.4	10	7.46 No	0.41 Thermal Discharging
TLK066	68	'43511054_/_4424929'		10	10	10	0.41	4.5	10	7.46 No	0.41 Thermal Discharging
TLK066	69	'4424908_/_4424986_1'		10	10	10	0.41	10	10	7.46 No	0.41 Thermal Discharging
TLK066	70	'4424932_/_7632228_1'		10	10	10	0.41	1.4	10	7.46 No	0.41 Thermal Discharging
TLK066	71	'4419879_/_4432665_2'		3.33	3.33	3.33	0.14	0.7	3.33	2.49 No	0.14 Thermal Discharging
TLK066	72	'4424971_/_4424969'		10	10	10	0.41	10	10	7.46 No	0.41 Thermal Discharging
TLK066	73	'5504987_/_5538570'		10	10	10	0.41	1.5	10	7.51 No	0.41 Thermal Discharging
TLK066	74	'4425124_/_4426831'		10	10	10	0.41	10	10	7.46 No	0.41 Thermal Discharging
TLK066	75	'7316763_/_7632228_2'		10	10	10	0.41	1.4	10	7.46 No	0.41 Thermal Discharging
TLK066	76	'7404991_/_7404988_1'		2.57	3.33	3.33	0.14	0.1	3.33	2.55 No	0.1 Element Fault
TLK066	77	'4424885_/_4425121'		10	10	10	0.41	10	10	7.46 No	0.41 Thermal Discharging
TLK066	78	'43513166_/_4424906'		10	10	10	0.41	4.6	10	7.46 No	0.41 Thermal Discharging
TLK066	79	'117717661_/_7126122'		10	10	10	0.41	1.4	10	7.46 No	0.41 Thermal Discharging
TLK066	80	'382781409_/_4424883_1'		10	10	10	0.41	1.4	10	7.46 No	0.41 Thermal Discharging
TLK066	81	'4424954_/_4424952'		10	10	10	0.41	10	10	7.46 No	0.41 Thermal Discharging
TLK066	82	'4424865_/_4424863_1'		10	10	10	0.41	2.3	10	7.46 No	0.41 Thermal Discharging
TLK066	83	'7316799_/_7317147'		10	10	10	0.41	1.4	10	7.46 No	0.41 Thermal Discharging
TLK066	84	'4426850_/_4426848'		10	10	10	0.41	10	10	7.46 No	0.41 Thermal Discharging
TLK066	85	'4419880_/_4419877'		3.33	3.33	3.33	0.14	0.7	3.33	2.49 No	0.14 Thermal Discharging
TLK066	86	'4428538_/_4428536_1'		6.67	6.67	6.67	0.27	0.9	6.67	4.97 No	0.27 Thermal Discharging
TLK066	87	'4443244_/_4443258'		10	10	10	0.41	10	10	7.46 No	0.41 Thermal Discharging
TLK066	88	'4424846_/_4424883_2'		10	10	10	0.41	1.4	10	7.46 No	0.41 Thermal Discharging
TLK066	89	'5505207_/_5505204'		3.33	3.33	3.33	0.14	0.5	3.33	2.49 No	0.14 Thermal Discharging
TLK066	90	'4428539_/_4428536_2'		6.67	6.67	6.67	0.27	0.9	6.67	4.97 No	0.27 Thermal Discharging
TLK066	91	'43515011_/_4443241'		10	10	10	0.41	10	10	7.46 No	0.41 Thermal Discharging
TLK066	92	'4425093_/_4428566'		6.67	6.67	6.67	0.27	0.9	6.67	4.97 No	0.27 Thermal Discharging
TLK066	93	'5538514_/_5538524'		3.33	3.33	3.33	0.14	0.4	3.33	2.49 No	0.14 Thermal Discharging
TLK066	94	'7632270_/_7632268_1'		6.67	6.67	6.67	0.27	0.9	6.67	4.97 No	0.27 Thermal Discharging
TLK066	95	'124279477_/_117717665'		10	10	10	0.41	1.4	10	7.46 No	0.41 Thermal Discharging
TLK066	96	'4426783_/_4443221'		10	10	10	0.41	10	10	7.46 No	0.41 Thermal Discharging
TLK066	97	'4421837_/_4424863_2'		10	10	10	0.41	2.3	10	7.46 No	0.41 Thermal Discharging
TLK066	98	'7951844_/_8895398_2'		10	10	10	0.41	2.3	10	7.46 No	0.41 Thermal Discharging
TLK066	99	'4426782_/_4426780'		10	10	10	0.41	10	10	7.46 No	0.41 Thermal Discharging
TLK066	100	'43511239_/_43511241'		10	10	10	0.41	1.4	10	7.46 No	0.41 Thermal Discharging
TLK066	101	'4428505_/_7081764_2'		3.33	3.33	3.33	0.14	1	3.33	2.49 No	0.14 Thermal Discharging
TLK066	102	'5504970_/_5504984'		8.2	10	10	0.41	1.5	10	7.46 No	0.41 Thermal Discharging
TLK066	103	'7316764_/_7316761'		10	10	10	0.41	1.4	10	7.46 No	0.41 Thermal Discharging
TLK066	104	'4426766_/_4428519'		10	10	10	0.41	10	10	7.46 No	0.41 Thermal Discharging
TLK066	105	'7316800_/_7316797'		10	10	10	0.41	1.4	10	7.46 No	0.41 Thermal Discharging
TLK066	106	'43513104_/_4425091'		6.67	6.67	6.67	0.27	0.9	6.67	4.97 No	0.27 Thermal Discharging
TLK066	107	'43512993_/_4428120'		3.33	3.33	3.33	0.14	0.7	3.33	2.49 No	0.14 Thermal Discharging
TLK066	108	'43515069_/_43515071'		10	10	10	0.41	10	10	7.46 No	0.41 Thermal Discharging
TLK066	109	'76322393_/_8895398_1'		10	10	10	0.41	0.9	10	7.46 No	0.41 Thermal Discharging
TLK066	110	'4419734_/_4419731_2'		3.33	3.33	3.33	0.14	0.47	3.33	2.49 No	0.14 Thermal Discharging
TLK066	111	'43515082_/_43515084'		10	10	10	0.41	10	10	7.46 No	0.41 Thermal Discharging
TLK066	112	'4426732_/_4426746'		10	10	10	0.41	10	10	7.46 No	0.41 Thermal Discharging
TLK066	113	'43512052_/_4421835'		10	10	10	0.41	2.3	10	7.46 No	0.41 Thermal Discharging
TLK066	114	'4426715_/_4426729'		10	10	10	0.41	10	10	7.46 No	0.41 Thermal Discharging
TLK066	115	'43732017_/_43732019'		3.33	3.33	3.33	0.14	0.4	3.33	2.49 No	0.14 Thermal Discharging
TLK066	116	'8575975_/_8575972'		10	10	10	0.41	1.4	10	7.46 No	0.41 Thermal Discharging
TLK066	117	'4426692_/_4426712'		10	10	10	0.41	10	10	7.46 No	0.41 Thermal Discharging
TLK066	118	'4419733_/_4419731_1'		3.33	3.33	3.33	0.14	0.4	3.33	2.49 No	0.14 Thermal Discharging
TLK066	119	'4426800_/_4426797'		10	10	10	0.41	10	10	7.46 No	0.41 Thermal Discharging
TLK066	120	'4426675_/_4426689'		10	10	10	0.41	10	10	7.46 No	0.41 Thermal Discharging
TLK066	121	'4426817_/_4426814'		10	10	10	0.41	10	10	7.46 No	0.41 Thermal Discharging
TLK066	122	'43727739_/_7081780'		3.33	3.33	3.33	0.14	0.45	3.33	2.49 No	0.14 Thermal Discharging
TLK066	123	'43732065_/_5538726'		2.9	3.33	3.33	0.14	0.5	3.33	2.49 No	0.14 Thermal Discharging
TLK066	124	'4421499_/_4428133'		3.33	3.33	3.33	0.14	0.7	3.33	2.49 No	0.14 Thermal Discharging
TLK066	125	'43511028_/_4426672'		10	10	10	0.41	10	10	7.46 No	0.41 Thermal Discharging
TLK066	126	'4426884_/_4427361'		10	10	10	0.41	10	10	7.46 No	0.41 Thermal Discharging
TLK066	127	'4424803_/_43513106'		6.67	6.67	6.67	0.27	0.9	6.67	4.97 No	0.27 Thermal Discharging
TLK066	128	'5504969_/_5504967'		6.5	10	10	0.41	1.5	10	7.46 No	0.41 Thermal Discharging
TLK066	129	'4426657_/_4426655'		10	10	10	0.41	10	10	7.46 No	0.41 Thermal Discharging
TLK066	130	'5504783_/_7081764_1'		3.33	3.33	3.33	0.14	0.4	3.33	2.49 No	0.14 Thermal Discharging
TLK066	131	'4419559_/_4426882'		10	10	10	0.41	10	10	7.46 No	0.41 Thermal Discharging
TLK066	132	'4419721_/_4419757'		3.33	3.33	3.33	0.14	0.4	3.33	2.49 No	0.14 Thermal Discharging
TLK066	133	'4441870_/_4441884'		10	10	10	0.41	10	10	7.46 No	0.41 Thermal Discharging
TLK066	134	'9210227_/_9210224'		9.5	10	10	0.41	1.4	10	7.46 No	0.41 Thermal Discharging
TLK066	135	'4426902_/_4426899'		10	10	10	0.41	10	10	7.46 No	0.41 Thermal Discharging
TLK066	136	'4441850_/_4441867'		10	10	10	0.41	10	10	7.46 No	0.41 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TLK066	137	'4419543_/_4419540_2'	3.33	3.33	3.33	0.14	1	3.33	2.49 No	0.14	Thermal Discharging
TLK066	138	'7316748_/_7316745_2'	3.33	3.33	3.33	0.14	0.4	3.33	2.49 No	0.14	Thermal Discharging
TLK066	139	'4441833_/_4441847'	10	10	10	0.41	10	10	7.46 No	0.41	Thermal Discharging
TLK066	140	'4445726_/_4445723'	10	10	10	0.41	10	10	7.46 No	0.41	Thermal Discharging
TLK066	141	'7632392_/_7632390'	10	10	10	0.41	0.9	10	7.46 No	0.41	Thermal Discharging
TLK066	142	'43513116_/_4428584'	6.67	6.67	6.67	0.27	0.9	6.67	4.97 No	0.27	Thermal Discharging
TLK066	143	'43731389_/_89160812'	10	10	10	0.41	4.5	10	7.46 No	0.41	Thermal Discharging
TLK066	144	'4428364_/_4441830'	10	10	10	0.41	10	10	7.46 No	0.41	Thermal Discharging
TLK066	145	'7319233_/_7319231_1'	10	10	10	0.41	1.4	10	7.46 No	0.41	Thermal Discharging
TLK066	146	'4421921_/_43512054'	10	10	10	0.41	2.3	10	7.46 No	0.41	Thermal Discharging
TLK066	147	'5536096_/_89160851_2'	10	10	10	0.41	4.5	10	7.46 No	0.41	Thermal Discharging
TLK066	148	'43511181_/_4445740'	10	10	10	0.41	10	10	7.46 No	0.41	Thermal Discharging
TLK066	149	'4428363_/_4428361'	10	10	10	0.41	10	10	7.46 No	0.41	Thermal Discharging
TLK066	150	'43511228_/_43511230'	3.33	3.33	3.33	0.14	0.4	3.33	2.49 No	0.14	Thermal Discharging
TLK066	151	'4421486_/_4421497'	3.33	3.33	3.33	0.14	0.7	3.33	2.49 No	0.14	Thermal Discharging
TLK066	152	'7952005_/_8576012'	10	10	10	0.41	0.9	10	7.46 No	0.41	Thermal Discharging
TLK066	153	'9523327_/_9523340_1'	3.33	3.33	3.33	0.14	0.3	3.33	2.49 No	0.14	Thermal Discharging
TLK066	154	'43513091_/_43513093'	10	10	10	0.41	10	10	7.46 No	0.41	Thermal Discharging
TLK066	155	'4419656_/_43511183'	10	10	10	0.41	10	10	7.46 No	0.41	Thermal Discharging
TLK066	156	'7319234_/_7319231_2'	10	10	10	0.41	1.4	10	7.46 No	0.41	Thermal Discharging
TLK066	157	'4428344_/_4428469'	10	10	10	0.41	10	10	7.46 No	0.41	Thermal Discharging
TLK066	158	'4428587_/_43513118'	6.67	6.67	6.67	0.27	0.9	6.67	4.97 No	0.27	Thermal Discharging
TLK066	159	'4419640_/_4419637_2'	3.33	3.33	3.33	0.14	1	3.33	2.49 No	0.14	Thermal Discharging
TLK066	160	'43513491_/_4428671'	10	10	10	0.41	10	10	7.46 No	0.41	Thermal Discharging
TLK066	161	'5504928_/_5538498'	2.43	3.33	3.33	0.14	0.4	3.33	2.49 No	0.14	Thermal Discharging
TLK066	162	'4428324_/_4428341'	10	10	10	0.41	10	10	7.46 No	0.41	Thermal Discharging
TLK066	163	'4419720_/_4419718'	3.33	3.33	3.33	0.14	0.4	3.33	2.49 No	0.14	Thermal Discharging
TLK066	164	'5538459_/_5538472'	3.33	3.33	3.33	0.14	0.45	3.33	2.49 No	0.14	Thermal Discharging
TLK066	165	'43513065_/_4428321'	10	10	10	0.41	10	10	7.46 No	0.41	Thermal Discharging
TLK066	166	'4426935_/_43513493'	10	10	10	0.41	10	10	7.46 No	0.41	Thermal Discharging
TLK066	167	'7632271_/_7632268_2'	6.67	6.67	6.67	0.27	0.9	6.67	4.97 No	0.27	Thermal Discharging
TLK066	168	'5533931_/_7081494_2'	3.33	3.33	3.33	0.14	1	3.33	2.49 No	0.14	Thermal Discharging
TLK066	169	'4426936_/_4426933'	10	10	10	0.41	10	10	7.46 No	0.41	Thermal Discharging
TLK066	170	'4428303_/_4428301'	10	10	10	0.41	10	10	7.46 No	0.41	Thermal Discharging
TLK066	171	'43513052_/_43513054'	10	10	10	0.41	10	10	7.46 No	0.41	Thermal Discharging
TLK066	172	'43735766_/_7081494_1'	3.33	3.33	3.33	0.14	0.4	3.33	2.49 No	0.14	Thermal Discharging
TLK066	173	'89160853_/_89160851_1'	10	10	10	0.41	2.2	10	7.46 No	0.41	Thermal Discharging
TLK066	174	'4419408_/_4424801'	3.33	3.33	3.33	0.14	0.45	3.33	2.49 No	0.14	Thermal Discharging
TLK066	175	'43732155_/_5538689'	5.2	10	10	0.41	1.5	10	7.46 No	0.41	Thermal Discharging
TLK066	176	'4441920_/_4441917'	10	10	10	0.41	10	10	7.46 No	0.41	Thermal Discharging
TLK066	177	'5504767_/_5504780'	3.33	3.33	3.33	0.14	0.4	3.33	2.49 No	0.14	Thermal Discharging
TLK066	178	'5505190_/_43732067'	2.13	3.33	3.33	0.14	0.5	3.33	2.49 No	0.14	Thermal Discharging
TLK066	179	'4421487_/_4421484'	3.1	3.33	3.33	0.14	0.7	3.33	2.49 No	0.14	Thermal Discharging
TLK066	180	'4428287_/_4428415_2'	10	10	10	0.41	10	10	7.46 No	0.41	Thermal Discharging
TLK066	181	'7951985_/_7952002'	8.4	10	10	0.41	0.9	10	7.46 No	0.41	Thermal Discharging
TLK066	182	'4419530_/_4419540_1'	3.33	3.33	3.33	0.14	0.4	3.33	2.49 No	0.14	Thermal Discharging
TLK066	183	'4421888_/_4421935'	8.2	10	10	0.41	2.3	10	7.46 No	0.41	Thermal Discharging
TLK066	184	'4441904_/_4441964'	10	10	10	0.41	10	10	7.46 No	0.41	Thermal Discharging
TLK066	185	'7316906_/_7952022'	8.2	10	10	0.41	2.3	10	7.46 No	0.41	Thermal Discharging
TLK066	186	'4421870_/_4421886'	8.2	10	10	0.41	2.3	10	7.46 No	0.41	Thermal Discharging
TLK066	187	'4441949_/_4441981'	10	10	10	0.41	10	10	7.46 No	0.41	Thermal Discharging
TLK066	188	'4441903_/_4441934_2'	3.33	3.33	3.33	0.14	1	3.33	2.49 No	0.14	Thermal Discharging
TLK066	189	'7316747_/_7316745_1'	3.03	3.33	3.33	0.14	0.3	3.33	2.49 No	0.14	Thermal Discharging
TLK066	190	'4421603_/_4421600'	2.83	3.33	3.33	0.14	0.4	3.33	2.49 No	0.14	Thermal Discharging
TLK066	191	'8546110_/_8546108_1'	3.33	3.33	3.33	0.14	0.4	3.33	2.49 No	0.14	Thermal Discharging
TLK066	192	'4427963_/_4441947'	10	10	10	0.41	10	10	7.46 No	0.41	Thermal Discharging
TLK066	193	'4432929_/_4432926'	2.77	3.33	3.33	0.14	0.7	3.33	2.49 No	0.14	Thermal Discharging
TLK066	194	'4419627_/_4419637_1'	3.33	3.33	3.33	0.14	0.4	3.33	2.49 No	0.14	Thermal Discharging
TLK066	195	'509073271_/_462315330_2'	3.33	3.33	3.33	0.14	1.4	3.33	2.49 No	0.14	Thermal Discharging
TLK066	196	'38788439_/_49243145_2'	2.73	3.33	3.33	0.14	0.7	3.33	2.49 No	0.14	Thermal Discharging
TLK066	197	'9523343_/_9523340_2'	2.53	3.33	3.33	0.14	0.3	3.33	2.49 No	0.14	Thermal Discharging
TLK066	198	'43511993_/_4427961'	10	10	10	0.41	10	10	7.46 No	0.41	Thermal Discharging
TLK066	199	'7316885_/_7316903'	7.1	10	10	0.41	0.9	10	7.46 No	0.41	Thermal Discharging
TLK066	200	'43731377_/_89160903'	10	10	10	0.41	2.2	10	7.46 No	0.41	Thermal Discharging
TLK066	201	'5504915_/_5504925'	1.93	3.33	3.33	0.14	0.4	3.33	2.49 No	0.14	Thermal Discharging
TLK066	202	'4427441_/_43511995'	10	10	10	0.41	10	10	7.46 No	0.41	Thermal Discharging
TLK066	203	'5533960_/_5533970'	3.33	3.33	3.33	0.14	0.4	3.33	2.49 No	0.14	Thermal Discharging
TLK066	204	'49243148_/_49243145_1'	2.57	3.33	3.33	0.14	0.4	3.33	2.49 No	0.14	Thermal Discharging
TLK066	205	'5504766_/_5504764'	3.23	3.33	3.33	0.14	0.4	3.33	2.49 No	0.14	Thermal Discharging
TLK066	206	'5505191_/_5505188'	1.8	3.33	3.33	0.14	0.5	3.33	2.49 No	0.14	Thermal Discharging
TLK066	207	'633715277_/_633715435'	10	10	10	0.41	10	10	7.46 No	0.41	Thermal Discharging
TLK066	208	'633715372_/_7632714_2'	3.33	3.33	3.33	0.14	1.4	3.33	2.49 No	0.14	Thermal Discharging
TLK066	209	'633715394_/_7790787_2'	3.33	3.33	3.33	0.14	1.4	3.33	2.49 No	0.14	Thermal Discharging
TLK066	210	'43511217_/_4441934_1'	3.33	3.33	3.33	0.14	0.4	3.33	2.49 No	0.14	Thermal Discharging
TLK066	211	'4432281_/_4436467'	10	10	10	0.41	10	10	7.46 No	0.41	Thermal Discharging
TLK066	212	'4421852_/_4421868'	4.33	6.67	6.67	0.27	1.53	6.67	4.97 No	0.27	Thermal Discharging
TLK066	213	'5538672_/_5538979'	4.2	10	10	0.41	1.5	10	7.46 No	0.41	Thermal Discharging
TLK066	214	'43731995_/_5538456'	2.67	3.33	3.33	0.14	0.45	3.33	2.49 No	0.14	Thermal Discharging
TLK066	215	'8265654_/_8265651'	2.33	3.33	3.33	0.14	0.4	3.33	2.49 No	0.14	Thermal Discharging
TLK066	216	'5538709_/_5538996_2'	4.2	10	10	0.41	1.5	10	7.46 No	0.41	Thermal Discharging
TLK066	217	'4419409_/_4419406'	2.63	3.33	3.33	0.14	0.45	3.33	2.49 No	0.14	Thermal Discharging
TLK066	218	'5505220_/_5505217'	1.73	3.33	3.33	0.14	0.5	3.33	2.49 No	0.14	Thermal Discharging
TLK066	219	'4419517_/_4419527'	3.33	3.33	3.33	0.14	0.4	3.33	2.49 No	0.14	Thermal Discharging
TLK066	220	'148909344_/_4432295_1'	10	10	10	0.41	10	10	7.46 No	0.41	Thermal Discharging
TLK066	221	'69448017_/_4432295_2'	10	10	10	0.41	10	10	7.46 No	0.41	Thermal Discharging
TLK066	222	'7317097_/_8546108_2'	3.33	3.33	3.33	0.14	0.4	3.33	2.49 No	0.14	Thermal Discharging
TLK066	223	'89160955_/_89160953'	8.6	10	10	0.41	2.2	10	7.46 No	0.41	Thermal Discharging
TLK066	224	'43511307_/_4432942'	2.3	3.33	3.33	0.14	0.7	3.33	2.49 No	0.14	Thermal Discharging
TLK066	225	'4421853_/_4421850'	4.13	6.67	6.67	0.27	1.53	6.67	4.97 No	0.27	Thermal Discharging
TLK066	226	'4432315_/_69448014'	10	10	10	0.41	10	10	7.46 No	0.41	Thermal Discharging
TLK066	227	'43511340_/_4420017'	2.27	3.33	3.33	0.14	0.4	3.33	2.49 No	0.14	Thermal Discharging
TLK066	228	'43513906_/_4432279'	3.33	3.33	3.33	0.14	1.5	3.33	2.49 No	0.14	Thermal Discharging
TLK066	229	'5533947_/_5533957'	3.33	3.33	3.33	0.14	0.4	3.33	2.49 No	0.14	Thermal Discharging
TLK066	230	'9210299_/_9523308_1'	2.07	3.33	3.33	0.14	0.5	3.33	2.49 No	0.14	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TLK066	231	'9192974_/_9192971'		9.8	10	10	0.41	1.4	10	7.46 No	0.41 Thermal Discharging
TLK066	232	'4432282_/_7317275_1'		3.33	3.33	3.33	0.14	0.4	3.33	2.49 No	0.14 Thermal Discharging
TLK066	233	'43513849_/_4432329'		10	10	10	0.41	10	10	7.46 No	0.41 Thermal Discharging
TLK066	234	'43511170_/_43511172'		3.33	3.33	3.33	0.14	0.4	3.33	2.49 No	0.14 Thermal Discharging
TLK066	235	'119965826_/_119965792_1'		3.33	3.33	3.33	0.14	0.4	3.33	2.49 No	0.14 Thermal Discharging
TLK066	236	'7951965_/_7951982'		5.8	10	10	0.41	0.9	10	7.46 No	0.41 Thermal Discharging
TLK066	237	'7951880_/_7951878'		2.17	3.33	3.33	0.14	0.3	3.33	2.49 No	0.14 Thermal Discharging
TLK066	238	'9210665_/_9210662'		9.3	10	10	0.41	1.4	10	7.46 No	0.41 Thermal Discharging
TLK066	239	'4432468_/_43513851'		10	10	10	0.41	10	10	7.46 No	0.41 Thermal Discharging
TLK066	240	'5509919_/_5538669'		3.9	10	10	0.41	1.5	10	7.46 No	0.41 Thermal Discharging
TLK066	241	'4436490_/_4436487'		3.87	6.67	6.67	0.27	1.53	6.67	4.97 No	0.27 Thermal Discharging
TLK066	242	'7634171_/_8577680_1'		3.33	3.33	3.33	0.14	0.4	3.33	2.49 No	0.14 Thermal Discharging
TLK066	243	'7632669_/_8265967_1'		3.33	3.33	3.33	0.14	0.4	3.33	2.49 No	0.14 Thermal Discharging
TLK066	244	'4432485_/_4432482'		10	10	10	0.41	10	10	7.46 No	0.41 Thermal Discharging
TLK066	245	'49212273_/_7790787_1'		3.33	3.33	3.33	0.14	0.4	3.33	2.49 No	0.14 Thermal Discharging
TLK066	246	'7953501_/_7953498'		3.33	3.33	3.33	0.14	0.4	3.33	2.49 No	0.14 Thermal Discharging
TLK066	247	'5504914_/_5504912'		1.57	3.33	3.33	0.14	0.4	3.33	2.49 No	0.14 Thermal Discharging
TLK066	248	'4432348_/_4432499'		10	10	10	0.41	10	10	7.46 No	0.41 Thermal Discharging
TLK066	249	'89161009_/_89161007'		7	10	10	0.41	2.2	10	7.46 No	0.41 Thermal Discharging
TLK066	250	'8895733_/_8895730_2'		10	10	10	0.41	5.1	10	7.46 No	0.41 Thermal Discharging
TLK066	251	'239424132_/_9298062'		1.13	3.33	3.33	0.14	0.1	3.33	2.49 No	0.1 Element Fault
TLK066	252	'4419893_/_4419890'		2.03	3.33	3.33	0.14	0.7	3.33	2.49 No	0.14 Thermal Discharging
TLK066	253	'7632581_/_462315330_1'		3.33	3.33	3.33	0.14	0.4	3.33	2.49 No	0.14 Thermal Discharging
TLK066	254	'4432349_/_4432346'		10	10	10	0.41	10	10	7.46 No	0.41 Thermal Discharging
TLK066	255	'7632684_/_7632714_1'		3.33	3.33	3.33	0.14	0.5	3.33	2.49 No	0.14 Thermal Discharging
TLK066	256	'43732098_/_5538791'		1.5	3.33	3.33	0.14	0.5	3.33	2.49 No	0.14 Thermal Discharging
TLK066	257	'43731956_/_5538996_1'		3.6	10	10	0.41	0.9	10	7.46 No	0.41 Thermal Discharging
TLK066	258	'4420036_/_43511342'		1.97	3.33	3.33	0.14	0.4	3.33	2.49 No	0.14 Thermal Discharging
TLK066	259	'239424205_/_239424224'		1.1	3.33	3.33	0.14	0.1	3.33	2.49 No	0.1 Element Fault
TLK066	260	'4432171_/_4432363'		10	10	10	0.41	10	10	7.46 No	0.41 Thermal Discharging
TLK066	261	'8895732_/_8895730_1'		10	10	10	0.41	1.4	10	7.46 No	0.41 Thermal Discharging
TLK066	262	'43732006_/_43732008'		2.07	3.33	3.33	0.14	0.45	3.33	2.49 No	0.14 Thermal Discharging
TLK066	263	'239424168_/_239424242'		1.1	3.33	3.33	0.14	0.1	3.33	2.49 No	0.1 Element Fault
TLK066	264	'43732076_/_5538752'		1.47	3.33	3.33	0.14	0.5	3.33	2.49 No	0.14 Thermal Discharging
TLK066	265	'5509918_/_5509916'		3.6	10	10	0.41	1.5	10	7.46 No	0.41 Thermal Discharging
TLK066	266	'4432383_/_4432380'		10	10	10	0.41	10	10	7.46 No	0.41 Thermal Discharging
TLK066	267	'4419422_/_4419419'		2.03	3.33	3.33	0.14	0.45	3.33	2.49 No	0.14 Thermal Discharging
TLK066	268	'51593586_/_51593583'		1.93	3.33	3.33	0.14	0.7	3.33	2.49 No	0.14 Thermal Discharging
TLK066	269	'43511205_/_43511207'		3.27	3.33	3.33	0.14	0.4	3.33	2.49 No	0.14 Thermal Discharging
TLK066	270	'43512006_/_4436502'		1.73	3.33	3.33	0.14	0.77	3.33	2.49 No	0.14 Thermal Discharging
TLK066	271	'69447897_/_4437837'		10	10	10	0.41	10	10	7.46 No	0.41 Thermal Discharging
TLK066	272	'51370071_/_51593615_1'		1.9	3.33	3.33	0.14	0.4	3.33	2.49 No	0.14 Thermal Discharging
TLK066	273	'43511148_/_43511150'		2.33	3.33	3.33	0.14	0.4	3.33	2.49 No	0.14 Thermal Discharging
TLK066	274	'115588253_/_4437871_1'		10	10	10	0.41	1.5	10	7.46 No	0.41 Thermal Discharging
TLK066	275	'5504902_/_5533944'		2.67	3.33	3.33	0.14	0.4	3.33	2.49 No	0.14 Thermal Discharging
TLK066	276	'7317245_/_7317243_1'		3.33	3.33	3.33	0.14	0.4	3.33	2.49 No	0.14 Thermal Discharging
TLK066	277	'43512040_/_4436515'		3.33	6.67	6.67	0.27	1.53	6.67	4.97 No	0.27 Thermal Discharging
TLK066	278	'4432172_/_4432169'		3.33	3.33	3.33	0.14	1.5	3.33	2.49 No	0.14 Thermal Discharging
TLK066	279	'115588263_/_4441290_1'		3.33	3.33	3.33	0.14	0.5	3.33	2.49 No	0.14 Thermal Discharging
TLK066	280	'4432399_/_4437854'		10	10	10	0.41	10	10	7.46 No	0.41 Thermal Discharging
TLK066	281	'7790790_/_49212346'		3.33	3.33	3.33	0.14	0.4	3.33	2.49 No	0.14 Thermal Discharging
TLK066	282	'43511318_/_4419903'		1.83	3.33	3.33	0.14	0.7	3.33	2.49 No	0.14 Thermal Discharging
TLK066	283	'51593608_/_51593615_2'		1.83	3.33	3.33	0.14	0.4	3.33	2.49 No	0.14 Thermal Discharging
TLK066	284	'8265637_/_8265635'		1.77	3.33	3.33	0.14	0.3	3.33	2.49 No	0.14 Thermal Discharging
TLK066	285	'4432400_/_4432397'		10	10	10	0.41	10	10	7.46 No	0.41 Thermal Discharging
TLK066	286	'89161061_/_89161059'		5.9	10	10	0.41	2.2	10	7.46 No	0.41 Thermal Discharging
TLK066	287	'7317098_/_7317095'		3.17	3.33	3.33	0.14	0.4	3.33	2.49 No	0.14 Thermal Discharging
TLK066	288	'7316886_/_7316883'		4.7	10	10	0.41	0.9	10	7.46 No	0.41 Thermal Discharging
TLK066	289	'5538487_/_5538485'		1.37	3.33	3.33	0.14	0.4	3.33	2.49 No	0.14 Thermal Discharging
TLK066	290	'4432417_/_4432414'		10	10	10	0.41	10	10	7.46 No	0.41 Thermal Discharging
TLK066	291	'7317293_/_7632682'		3.33	3.33	3.33	0.14	0.5	3.33	2.49 No	0.14 Thermal Discharging
TLK066	292	'7317278_/_7317275_2'		3.33	3.33	3.33	0.14	0.4	3.33	2.49 No	0.14 Thermal Discharging
TLK066	293	'4421822_/_43512008'		1.6	3.33	3.33	0.14	0.77	3.33	2.49 No	0.14 Thermal Discharging
TLK066	294	'330608647_/_4432431_1'		10	10	10	0.41	10	10	7.46 No	0.41 Thermal Discharging
TLK066	295	'4420049_/_4420046'		1.77	3.33	3.33	0.14	0.4	3.33	2.49 No	0.14 Thermal Discharging
TLK066	296	'4440876_/_4441290_2'		3.33	3.33	3.33	0.14	0.5	3.33	2.49 No	0.14 Thermal Discharging
TLK066	297	'5537744_/_5537758'		3.3	10	10	0.41	1.5	10	7.46 No	0.41 Thermal Discharging
TLK066	298	'5537949_/_5537959_2'		1.1	3.33	3.33	0.14	0.5	3.33	2.49 No	0.14 Thermal Discharging
TLK066	299	'4419598_/_4419608'		2.47	3.33	3.33	0.14	0.4	3.33	2.49 No	0.14 Thermal Discharging
TLK066	300	'43513928_/_4437871_2'		10	10	10	0.41	1.5	10	7.46 No	0.41 Thermal Discharging
TLK066	301	'4420198_/_4420195'		1.67	3.33	3.33	0.14	0.4	3.33	2.49 No	0.14 Thermal Discharging
TLK066	302	'5509739_/_89161109'		5.3	10	10	0.41	2.2	10	7.46 No	0.41 Thermal Discharging
TLK066	303	'5538391_/_5538405'		3.1	10	10	0.41	0.9	10	7.46 No	0.41 Thermal Discharging
TLK066	304	'5538539_/_5538537'		1.7	3.33	3.33	0.14	0.3	3.33	2.49 No	0.14 Thermal Discharging
TLK066	305	'7317294_/_7317291'		3.1	3.33	3.33	0.14	0.5	3.33	2.49 No	0.14 Thermal Discharging
TLK066	306	'4419682_/_4419692'		2.33	3.33	3.33	0.14	0.4	3.33	2.49 No	0.14 Thermal Discharging
TLK066	307	'5538807_/_43732100'		1.27	3.33	3.33	0.14	0.5	3.33	2.49 No	0.14 Thermal Discharging
TLK066	308	'9523227_/_9523224'		1.57	3.33	3.33	0.14	0.3	3.33	2.49 No	0.14 Thermal Discharging
TLK066	309	'43512017_/_4432757'		2.93	6.67	6.67	0.27	1.53	6.67	4.97 No	0.27 Thermal Discharging
TLK066	310	'4419491_/_4419501'		1.83	3.33	3.33	0.14	0.4	3.33	2.49 No	0.14 Thermal Discharging
TLK066	311	'9210461_/_462315360'		2.53	3.33	3.33	0.14	0.4	3.33	2.49 No	0.14 Thermal Discharging
TLK066	312	'43513141_/_4424814'		1.67	3.33	3.33	0.14	0.45	3.33	2.49 No	0.14 Thermal Discharging
TLK066	313	'43727717_/_5504899'		2.1	3.33	3.33	0.14	0.4	3.33	2.49 No	0.14 Thermal Discharging
TLK066	314	'4419922_/_43511320'		1.63	3.33	3.33	0.14	0.7	3.33	2.49 No	0.14 Thermal Discharging
TLK066	315	'7632413_/_7951962'		4.1	10	10	0.41	0.9	10	7.46 No	0.41 Thermal Discharging
TLK066	316	'5537622_/_5537741'		3.1	10	10	0.41	1.5	10	7.46 No	0.41 Thermal Discharging
TLK066	317	'7317246_/_7317243_2'		3.33	3.33	3.33	0.14	0.4	3.33	2.49 No	0.14 Thermal Discharging
TLK066	318	'5505232_/_43732078'		1.23	3.33	3.33	0.14	0.5	3.33	2.49 No	0.14 Thermal Discharging
TLK066	319	'336314766_/_5509737_1'		3.33	6.67	6.67	0.27	0.6	6.67	4.97 No	0.27 Thermal Discharging
TLK066	320	'43511351_/_4420059'		1.57	3.33	3.33	0.14	0.4	3.33	2.49 No	0.14 Thermal Discharging
TLK066	321	'119965847_/_119965792_2'		3.33	3.33	3.33	0.14	0.4	3.33	2.49 No	0.14 Thermal Discharging
TLK066	322	'4420211_/_4420208'		1.57	3.33	3.33	0.14	0.4	3.33	2.49 No	0.14 Thermal Discharging
TLK066	323	'43513862_/_4440874'		3.33	3.33	3.33	0.14	0.5	3.33	2.49 No	0.14 Thermal Discharging
TLK066	324	'5537608_/_5537619'		3	10	10	0.41	1.5	10	7.46 No	0.41 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TLK066	325	'43513942_/_43513930'	10		10	10	0.41	1.5	10	7.46 No	0.41 Thermal Discharging
TLK066	326	'4432731_/_43512019'	2.8		6.67	6.67	0.27	1.53	6.67	4.97 No	0.27 Thermal Discharging
TLK066	327	'8576358_/_9523540'	2.57		3.33	3.33	0.14	0.5	3.33	2.49 No	0.14 Thermal Discharging
TLK066	328	'5537609_/_5537972_2'	1		3.33	3.33	0.14	0.5	3.33	2.49 No	0.14 Thermal Discharging
TLK066	329	'8265814_/_64242953'	2.17		3.33	3.33	0.14	0.4	3.33	2.49 No	0.14 Thermal Discharging
TLK066	330	'7317310_/_8265999'	3.9		10	10	0.41	0.9	10	7.46 No	0.41 Thermal Discharging
TLK066	331	'4419585_/_4419595'	2		3.33	3.33	0.14	0.4	3.33	2.49 No	0.14 Thermal Discharging
TLK066	332	'7632748_/_8895786'	9.4		10	10	0.41	1.4	10	7.46 No	0.41 Thermal Discharging
TLK066	333	'5509760_/_89161157'	4.6		10	10	0.41	2.2	10	7.46 No	0.41 Thermal Discharging
TLK066	334	'5537596_/_5537959_1'	0.97		3.33	3.33	0.14	0.3	3.33	2.49 No	0.14 Thermal Discharging
TLK066	335	'5509808_/_5509805_2'	1.53		3.33	3.33	0.14	0.73	3.33	2.49 No	0.14 Thermal Discharging
TLK066	336	'4420075_/_43511353'	1.47		3.33	3.33	0.14	0.4	3.33	2.49 No	0.14 Thermal Discharging
TLK066	337	'4432730_/_4432728'	1.3		3.33	3.33	0.14	0.77	3.33	2.49 No	0.14 Thermal Discharging
TLK066	338	'43511971_/_4421756'	1.47		3.33	3.33	0.14	0.7	3.33	2.49 No	0.14 Thermal Discharging
TLK066	339	'5536848_/_5538254'	1.77		3.33	3.33	0.14	0.4	3.33	2.49 No	0.14 Thermal Discharging
TLK066	340	'4437823_/_43513944'	9.4		10	10	0.41	1.5	10	7.46 No	0.41 Thermal Discharging
TLK066	341	'43731969_/_43731971'	2.8		10	10	0.41	0.9	10	7.46 No	0.41 Thermal Discharging
TLK066	342	'5537724_/_5537929'	2.9		10	10	0.41	1.5	10	7.46 No	0.41 Thermal Discharging
TLK066	343	'5509794_/_89161210'	4.3		10	10	0.41	2.2	10	7.46 No	0.41 Thermal Discharging
TLK066	344	'336314828_/_89161275_1'	1.43		3.33	3.33	0.14	0.4	3.33	2.49 No	0.14 Thermal Discharging
TLK066	345	'74758725_/_62082879_1'	0.93		3.33	3.33	0.14	0.3	3.33	2.49 No	0.14 Thermal Discharging
TLK066	346	'91616778_/_92403315_1'	4.3		10	10	0.41	0.9	10	7.46 No	0.41 Thermal Discharging
TLK066	347	'4419478_/_4419488'	1.5		3.33	3.33	0.14	0.4	3.33	2.49 No	0.14 Thermal Discharging
TLK066	348	'4419669_/_4419679'	1.77		3.33	3.33	0.14	0.4	3.33	2.49 No	0.14 Thermal Discharging
TLK066	349	'5504876_/_5509805_1'	1.53		3.33	3.33	0.14	0.3	3.33	2.49 No	0.14 Thermal Discharging
TLK066	350	'51593647_/_51593654'	1.37		3.33	3.33	0.14	0.4	3.33	2.49 No	0.14 Thermal Discharging
TLK066	351	'5536009_/_89161275_2'	1.43		3.33	3.33	0.14	0.4	3.33	2.49 No	0.14 Thermal Discharging
TLK066	352	'43513146_/_43513143'	1.4		3.33	3.33	0.14	0.45	3.33	2.49 No	0.14 Thermal Discharging
TLK066	353	'9609388_/_9609385'	1.4		3.33	3.33	0.14	0.3	3.33	2.49 No	0.14 Thermal Discharging
TLK066	354	'43727763_/_43727765'	2.8		10	10	0.41	1.5	10	7.46 No	0.41 Thermal Discharging
TLK066	355	'43512029_/_4432741'	1.23		3.33	3.33	0.14	0.77	3.33	2.49 No	0.14 Thermal Discharging
TLK066	356	'8265605_/_9523308_2'	1.23		3.33	3.33	0.14	0.5	3.33	2.49 No	0.14 Thermal Discharging
TLK066	357	'5505233_/_5505230'	1.1		3.33	3.33	0.14	0.5	3.33	2.49 No	0.14 Thermal Discharging
TLK066	358	'43732109_/_5538820'	1.1		3.33	3.33	0.14	0.5	3.33	2.49 No	0.14 Thermal Discharging
TLK066	359	'5535922_/_5536006'	1.43		3.33	3.33	0.14	0.4	3.33	2.49 No	0.14 Thermal Discharging
TLK066	360	'8576359_/_8576356'	1.97		3.33	3.33	0.14	0.5	3.33	2.49 No	0.14 Thermal Discharging
TLK066	361	'5535921_/_5535948_2'	1.43		3.33	3.33	0.14	0.4	3.33	2.49 No	0.14 Thermal Discharging
TLK066	362	'5537554_/_5537972_1'	0.97		3.33	3.33	0.14	0.3	3.33	2.49 No	0.14 Thermal Discharging
TLK066	363	'4440890_/_43513864'	2.47		3.33	3.33	0.14	0.5	3.33	2.49 No	0.14 Thermal Discharging
TLK066	364	'5535995_/_5535993'	1.43		3.33	3.33	0.14	0.4	3.33	2.49 No	0.14 Thermal Discharging
TLK066	365	'5504889_/_5536845'	1.57		3.33	3.33	0.14	0.4	3.33	2.49 No	0.14 Thermal Discharging
TLK066	366	'4420088_/_4420085'	1.33		3.33	3.33	0.14	0.4	3.33	2.49 No	0.14 Thermal Discharging
TLK066	367	'92403304_/_92403315_2'	3.9		10	10	0.41	0.9	10	7.46 No	0.41 Thermal Discharging
TLK066	368	'4432744_/_43512031'	1.2		3.33	3.33	0.14	0.77	3.33	2.49 No	0.14 Thermal Discharging
TLK066	369	'507997058_/_507997010_2'	1.17		3.33	3.33	0.14	0.77	3.33	2.49 No	0.14 Thermal Discharging
TLK066	370	'5504810_/_5509737_2'	2.6		6.67	6.67	0.27	0.6	6.67	4.97 No	0.27 Thermal Discharging
TLK066	371	'7317309_/_7317307'	3.3		10	10	0.41	0.9	10	7.46 No	0.41 Thermal Discharging
TLK066	372	'5536034_/_5536032'	1.43		3.33	3.33	0.14	0.4	3.33	2.49 No	0.14 Thermal Discharging
TLK066	373	'8265669_/_8265667'	1.17		3.33	3.33	0.14	0.3	3.33	2.49 No	0.14 Thermal Discharging
TLK066	374	'5535934_/_5535948_1'	1.43		3.33	3.33	0.14	0.3	3.33	2.49 No	0.14 Thermal Discharging
TLK066	375	'4420172_/_4420182'	1.27		3.33	3.33	0.14	0.4	3.33	2.49 No	0.14 Thermal Discharging
TLK066	376	'8577683_/_8577680_2'	1.93		3.33	3.33	0.14	0.4	3.33	2.49 No	0.14 Thermal Discharging
TLK066	377	'5538357_/_5538371'	2.5		10	10	0.41	0.9	10	7.46 No	0.41 Thermal Discharging
TLK066	378	'5533902_/_5543598'	1.43		3.33	3.33	0.14	0.4	3.33	2.49 No	0.14 Thermal Discharging
TLK066	379	'8265953_/_8265967_2'	2.03		3.33	3.33	0.14	0.4	3.33	2.49 No	0.14 Thermal Discharging
TLK066	380	'43727627_/_5537593'	0.87		3.33	3.33	0.14	0.3	3.33	2.49 No	0.14 Thermal Discharging
TLK066	381	'5543571_/_5543582_3'	1.43		3.33	3.33	0.14	0.4	3.33	2.49 No	0.14 Thermal Discharging
TLK066	382	'4419934_/_43511973'	1.3		3.33	3.33	0.14	0.7	3.33	2.49 No	0.14 Thermal Discharging
TLK066	383	'4419477_/_4419475'	1.33		3.33	3.33	0.14	0.4	3.33	2.49 No	0.14 Thermal Discharging
TLK066	384	'43511159_/_43511161'	1.53		3.33	3.33	0.14	0.4	3.33	2.49 No	0.14 Thermal Discharging
TLK066	385	'5504875_/_5504873'	1.4		3.33	3.33	0.14	0.3	3.33	2.49 No	0.14 Thermal Discharging
TLK066	386	'38788429_/_49243110_1'	1.27		3.33	3.33	0.14	0.3	3.33	2.49 No	0.14 Thermal Discharging
TLK066	387	'73782175_/_7632410_1'	3.2		10	10	0.41	0.9	10	7.46 No	0.41 Thermal Discharging
TLK066	388	'5543559_/_5543582_2'	1.47		3.33	3.33	0.14	0.3	3.33	2.49 No	0.14 Thermal Discharging
TLK066	389	'5533889_/_5533899'	1.47		3.33	3.33	0.14	0.4	3.33	2.49 No	0.14 Thermal Discharging
TLK066	390	'5537690_/_5537704'	2.6		10	10	0.41	1.5	10	7.46 No	0.41 Thermal Discharging
TLK066	391	'43511194_/_43511196'	1.47		3.33	3.33	0.14	0.4	3.33	2.49 No	0.14 Thermal Discharging
TLK066	392	'5505246_/_5505243'	1		3.33	3.33	0.14	0.5	3.33	2.49 No	0.14 Thermal Discharging
TLK066	393	'4420101_/_4420098'	1.23		3.33	3.33	0.14	0.4	3.33	2.49 No	0.14 Thermal Discharging
TLK066	394	'5537689_/_5537687'	2.5		10	10	0.41	1.5	10	7.46 No	0.41 Thermal Discharging
TLK066	395	'5533804_/_5533886'	1.47		3.33	3.33	0.14	0.4	3.33	2.49 No	0.14 Thermal Discharging
TLK066	396	'7632749_/_7632746'	5.4		10	10	0.41	1.4	10	7.46 No	0.41 Thermal Discharging
TLK066	397	'5533805_/_5533815_1'	1.47		3.33	3.33	0.14	0.3	3.33	2.49 No	0.14 Thermal Discharging
TLK066	398	'43727728_/_5504886'	1.4		3.33	3.33	0.14	0.4	3.33	2.49 No	0.14 Thermal Discharging
TLK066	399	'119965781_/_119965858'	1.83		3.33	3.33	0.14	0.4	3.33	2.49 No	0.14 Thermal Discharging
TLK066	400	'5533846_/_5533873'	1.47		3.33	3.33	0.14	0.4	3.33	2.49 No	0.14 Thermal Discharging
TLK066	401	'4440903_/_4440900'	1.9		3.33	3.33	0.14	0.5	3.33	2.49 No	0.14 Thermal Discharging
TLK066	402	'5533859_/_5533857'	1.47		3.33	3.33	0.14	0.4	3.33	2.49 No	0.14 Thermal Discharging
TLK066	403	'62082872_/_62082879_2'	0.8		3.33	3.33	0.14	0.3	3.33	2.49 No	0.14 Thermal Discharging
TLK066	404	'5543613_/_5543624'	1.4		3.33	3.33	0.14	0.3	3.33	2.49 No	0.14 Thermal Discharging
TLK066	405	'43732131_/_5538859'	0.93		3.33	3.33	0.14	0.5	3.33	2.49 No	0.14 Thermal Discharging
TLK066	406	'5533833_/_5533831_1'	1.43		3.33	3.33	0.14	0.4	3.33	2.49 No	0.14 Thermal Discharging
TLK066	407	'43731354_/_5543582_1'	1.4		3.33	3.33	0.14	0.3	3.33	2.49 No	0.14 Thermal Discharging
TLK066	408	'4419935_/_4419932'	1.2		3.33	3.33	0.14	0.7	3.33	2.49 No	0.14 Thermal Discharging
TLK066	409	'5533791_/_5533815_2'	1.43		3.33	3.33	0.14	0.3	3.33	2.49 No	0.14 Thermal Discharging
TLK066	410	'5535935_/_5535932'	1.3		3.33	3.33	0.14	0.3	3.33	2.49 No	0.14 Thermal Discharging
TLK066	411	'5538823_/_43732111'	0.97		3.33	3.33	0.14	0.5	3.33	2.49 No	0.14 Thermal Discharging
TLK066	412	'43511362_/_43511364'	1.13		3.33	3.33	0.14	0.4	3.33	2.49 No	0.14 Thermal Discharging
TLK066	413	'5533914_/_5533912'	1.47		3.33	3.33	0.14	0.4	3.33	2.49 No	0.14 Thermal Discharging
TLK066	414	'7316869_/_507997010_1'	1.03		3.33	3.33	0.14	0.3	3.33	2.49 No	0.14 Thermal Discharging
TLK066	415	'43727605_/_5537551'	0.87		3.33	3.33	0.14	0.3	3.33	2.49 No	0.14 Thermal Discharging
TLK066	416	'8265606_/_8265603'	1.03		3.33	3.33	0.14	0.5	3.33	2.49 No	0.14 Thermal Discharging
TLK066	417	'5543643_/_5543640_2'	1.43		3.33	3.33	0.14	0.4	3.33	2.49 No	0.14 Thermal Discharging
TLK066	418	'40836952_/_49243110_2'	1.17		3.33	3.33	0.14	0.3	3.33	2.49 No	0.14 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
											VSR (MW)	Limiting Threshold
TLK066	419	'5509866_/_5537912'		2.4	10	10	0.41	1.5	10	7.46 No	0.41	Thermal Discharging
TLK066	420	'43731982_/_43731984'		2.3	10	10	0.41	0.9	10	7.46 No	0.41	Thermal Discharging
TLK066	421	'5509886_/_5537869_2'		0.8	3.33	3.33	0.14	0.5	3.33	2.49 No	0.14	Thermal Discharging
TLK066	422	'5533834_/_5533831_2'		1.37	3.33	3.33	0.14	0.4	3.33	2.49 No	0.14	Thermal Discharging
TLK066	423	'8576338_/_8576336'		4.7	10	10	0.41	1.4	10	7.46 No	0.41	Thermal Discharging
TLK066	424	'4419465_/_4419569'		1.33	3.33	3.33	0.14	0.4	3.33	2.49 No	0.14	Thermal Discharging
TLK066	425	'5535909_/_5535980'		1.23	3.33	3.33	0.14	0.3	3.33	2.49 No	0.14	Thermal Discharging
TLK066	426	'5509902_/_43727752'		2.4	10	10	0.41	1.5	10	7.46 No	0.41	Thermal Discharging
TLK066	427	'43513873_/_4440913'		1.67	3.33	3.33	0.14	0.5	3.33	2.49 No	0.14	Thermal Discharging
TLK066	428	'43727694_/_5505340'		1.23	3.33	3.33	0.14	0.3	3.33	2.49 No	0.14	Thermal Discharging
TLK066	429	'43514489_/_4436824'		1.13	3.33	3.33	0.14	0.4	3.33	2.49 No	0.14	Thermal Discharging
TLK066	430	'5537778_/_5537882_2'		0.8	3.33	3.33	0.14	0.5	3.33	2.49 No	0.14	Thermal Discharging
TLK066	431	'4419668_/_4419666'		1.23	3.33	3.33	0.14	0.4	3.33	2.49 No	0.14	Thermal Discharging
TLK066	432	'5543614_/_5543611'		1.27	3.33	3.33	0.14	0.3	3.33	2.49 No	0.14	Thermal Discharging
TLK066	433	'5543558_/_5543556'		1.3	3.33	3.33	0.14	0.3	3.33	2.49 No	0.14	Thermal Discharging
TLK066	434	'5536819_/_5536832'		1.23	3.33	3.33	0.14	0.4	3.33	2.49 No	0.14	Thermal Discharging
TLK066	435	'43511329_/_4419945'		1.1	3.33	3.33	0.14	0.7	3.33	2.49 No	0.14	Thermal Discharging
TLK066	436	'487548038_/_43511331'		1.1	3.33	3.33	0.14	0.7	3.33	2.49 No	0.14	Thermal Discharging
TLK066	437	'4419977_/_4419974'		1.1	3.33	3.33	0.14	0.7	3.33	2.49 No	0.14	Thermal Discharging
TLK066	438	'5504586_/_5504584'		0.77	3.33	3.33	0.14	0.3	3.33	2.49 No	0.14	Thermal Discharging
TLK066	439	'4420143_/_4420156'		1.07	3.33	3.33	0.14	0.4	3.33	2.49 No	0.14	Thermal Discharging
TLK066	440	'43735755_/_5533789'		1.3	3.33	3.33	0.14	0.3	3.33	2.49 No	0.14	Thermal Discharging
TLK066	441	'5543642_/_5543640_1'		1.3	3.33	3.33	0.14	0.3	3.33	2.49 No	0.14	Thermal Discharging
TLK066	442	'43732120_/_5538833'		0.87	3.33	3.33	0.14	0.5	3.33	2.49 No	0.14	Thermal Discharging
TLK066	443	'5504811_/_5504808'		1.1	3.33	3.33	0.14	0.3	3.33	2.49 No	0.14	Thermal Discharging
TLK066	444	'5536818_/_5536816'		1.2	3.33	3.33	0.14	0.4	3.33	2.49 No	0.14	Thermal Discharging
TLK066	445	'7632649_/_8895750'		4.3	10	10	0.41	1.4	10	7.46 No	0.41	Thermal Discharging
TLK066	446	'5536201_/_5537882_1'		0.8	3.33	3.33	0.14	0.3	3.33	2.49 No	0.14	Thermal Discharging
TLK066	447	'562408109_/_562408106'		0.87	3.33	3.33	0.14	0.5	3.33	2.49 No	0.14	Thermal Discharging
TLK066	448	'5543698_/_5543695'		1.27	3.33	3.33	0.14	0.4	3.33	2.49 No	0.14	Thermal Discharging
TLK066	449	'5509901_/_5509899'		2.3	10	10	0.41	1.5	10	7.46 No	0.41	Thermal Discharging
TLK066	450	'8265686_/_8265683'		0.93	3.33	3.33	0.14	0.3	3.33	2.49 No	0.14	Thermal Discharging
TLK066	451	'67019294_/_67019237_1'		2.3	10	10	0.41	0.9	10	7.46 No	0.41	Thermal Discharging
TLK066	452	'5536230_/_5537869_1'		0.8	3.33	3.33	0.14	0.3	3.33	2.49 No	0.14	Thermal Discharging
TLK066	453	'7317261_/_8265951'		1.4	3.33	3.33	0.14	0.4	3.33	2.49 No	0.14	Thermal Discharging
TLK066	454	'4419990_/_4419987'		1.03	3.33	3.33	0.14	0.7	3.33	2.49 No	0.14	Thermal Discharging
TLK066	455	'43731642_/_43731644'		1.23	3.33	3.33	0.14	0.4	3.33	2.49 No	0.14	Thermal Discharging
TLK066	456	'7632648_/_7632646'		4	10	10	0.41	1.4	10	7.46 No	0.41	Thermal Discharging
TLK066	457	'9298064_/_239424173'		0.67	3.33	3.33	0.14	0.1	3.33	2.49 No	0.1	Element Fault
TLK066	458	'4440929_/_43513875'		1.4	3.33	3.33	0.14	0.5	3.33	2.49 No	0.14	Thermal Discharging
TLK066	459	'4420130_/_4420140'		1	3.33	3.33	0.14	0.4	3.33	2.49 No	0.14	Thermal Discharging
TLK066	460	'7632700_/_9523556'		1.27	3.33	3.33	0.14	0.5	3.33	2.49 No	0.14	Thermal Discharging
TLK066	461	'345401663_/_345401584_1'		1.03	3.33	3.33	0.14	0.3	3.33	2.49 No	0.14	Thermal Discharging
TLK066	462	'4419464_/_4419462'		1.17	3.33	3.33	0.14	0.4	3.33	2.49 No	0.14	Thermal Discharging
TLK066	463	'345401587_/_345401584_2'		1.03	3.33	3.33	0.14	0.3	3.33	2.49 No	0.14	Thermal Discharging
TLK066	464	'5536200_/_5536198'		0.77	3.33	3.33	0.14	0.3	3.33	2.49 No	0.14	Thermal Discharging
TLK066	465	'5537790_/_5537895'		2.2	10	10	0.41	1.5	10	7.46 No	0.41	Thermal Discharging
TLK066	466	'5504574_/_5504938'		0.77	3.33	3.33	0.14	0.3	3.33	2.49 No	0.14	Thermal Discharging
TLK066	467	'5537791_/_43727574_1'		0.73	3.33	3.33	0.14	0.3	3.33	2.49 No	0.14	Thermal Discharging
TLK066	468	'4436801_/_4436811'		0.97	3.33	3.33	0.14	0.4	3.33	2.49 No	0.14	Thermal Discharging
TLK066	469	'5533792_/_43735757'		1.17	3.33	3.33	0.14	0.3	3.33	2.49 No	0.14	Thermal Discharging
TLK066	470	'5504754_/_5505353'		1.07	3.33	3.33	0.14	0.3	3.33	2.49 No	0.14	Thermal Discharging
TLK066	471	'4440942_/_4440939'		1.33	3.33	3.33	0.14	0.5	3.33	2.49 No	0.14	Thermal Discharging
TLK066	472	'5504828_/_5543806'		1	3.33	3.33	0.14	0.3	3.33	2.49 No	0.14	Thermal Discharging
TLK066	473	'5537567_/_5537580'		0.7	3.33	3.33	0.14	0.3	3.33	2.49 No	0.14	Thermal Discharging
TLK066	474	'5538310_/_5538337'		2	10	10	0.41	0.9	10	7.46 No	0.41	Thermal Discharging
TLK066	475	'7953352_/_9211772'		1.2	3.33	3.33	0.14	0.4	3.33	2.49 No	0.14	Thermal Discharging
TLK066	476	'345401603_/_345401600'		1	3.33	3.33	0.14	0.3	3.33	2.49 No	0.14	Thermal Discharging
TLK066	477	'5538849_/_5538846'		0.8	3.33	3.33	0.14	0.5	3.33	2.49 No	0.14	Thermal Discharging
TLK066	478	'7632288_/_9523240'		0.87	3.33	3.33	0.14	0.5	3.33	2.49 No	0.14	Thermal Discharging
TLK066	479	'7632251_/_8265931'		3.6	10	10	0.41	1.4	10	7.46 No	0.41	Thermal Discharging
TLK066	480	'43511603_/_4421074'		0.97	3.33	3.33	0.14	0.7	3.33	2.49 No	0.14	Thermal Discharging
TLK066	481	'43731653_/_43731655'		1.13	3.33	3.33	0.14	0.3	3.33	2.49 No	0.14	Thermal Discharging
TLK066	482	'5504558_/_5504571'		0.73	3.33	3.33	0.14	0.3	3.33	2.49 No	0.14	Thermal Discharging
TLK066	483	'5536217_/_5536227'		0.73	3.33	3.33	0.14	0.3	3.33	2.49 No	0.14	Thermal Discharging
TLK066	484	'5537821_/_5537835'		2	10	10	0.41	1.5	10	7.46 No	0.41	Thermal Discharging
TLK066	485	'67019230_/_67019237_2'		2.1	10	10	0.41	0.9	10	7.46 No	0.41	Thermal Discharging
TLK066	486	'7316855_/_7316867'		0.83	3.33	3.33	0.14	0.3	3.33	2.49 No	0.14	Thermal Discharging
TLK066	487	'5504753_/_5504751'		1	3.33	3.33	0.14	0.3	3.33	2.49 No	0.14	Thermal Discharging
TLK066	488	'4419772_/_4421561'		0.93	3.33	3.33	0.14	0.7	3.33	2.49 No	0.14	Thermal Discharging
TLK066	489	'4432269_/_4440965'		1.2	3.33	3.33	0.14	0.5	3.33	2.49 No	0.14	Thermal Discharging
TLK066	490	'5504847_/_5504844'		0.9	3.33	3.33	0.14	0.3	3.33	2.49 No	0.14	Thermal Discharging
TLK066	491	'43731343_/_43731345'		0.93	3.33	3.33	0.14	0.3	3.33	2.49 No	0.14	Thermal Discharging
TLK066	492	'5543681_/_5543679'		1.07	3.33	3.33	0.14	0.4	3.33	2.49 No	0.14	Thermal Discharging
TLK066	493	'5504720_/_5538320'		1.9	10	10	0.41	0.9	10	7.46 No	0.41	Thermal Discharging
TLK066	494	'43511373_/_43511375'		0.87	3.33	3.33	0.14	0.4	3.33	2.49 No	0.14	Thermal Discharging
TLK066	495	'4419452_/_4436798'		0.87	3.33	3.33	0.14	0.4	3.33	2.49 No	0.14	Thermal Discharging
TLK066	496	'43727616_/_5504555'		0.7	3.33	3.33	0.14	0.3	3.33	2.49 No	0.14	Thermal Discharging
TLK066	497	'4440981_/_4440978'		1.17	3.33	3.33	0.14	0.5	3.33	2.49 No	0.14	Thermal Discharging
TLK066	498	'5537566_/_5537564'		0.63	3.33	3.33	0.14	0.3	3.33	2.49 No	0.14	Thermal Discharging
TLK066	499	'5504707_/_5538307'		0.67	3.33	3.33	0.14	0.3	3.33	2.49 No	0.14	Thermal Discharging
TLK066	500	'4432268_/_4432266'		1.13	3.33	3.33	0.14	0.5	3.33	2.49 No	0.14	Thermal Discharging
TLK066	501	'43727776_/_43727778'		1.9	10	10	0.41	1.5	10	7.46 No	0.41	Thermal Discharging
TLK066	502	'5538047_/_43727574_2'		0.7	3.33	3.33	0.14	0.3	3.33	2.49 No	0.14	Thermal Discharging
TLK066	503	'7951949_/_8895382'		0.8	3.33	3.33	0.14	0.3	3.33	2.49 No	0.14	Thermal Discharging
TLK066	504	'5539164_/_5539263'		0.73	3.33	3.33	0.14	0.5	3.33	2.49 No	0.14	Thermal Discharging
TLK066	505	'7316783_/_7317259'		1.1	3.33	3.33	0.14	0.4	3.33	2.49 No	0.14	Thermal Discharging
TLK066	506	'4436840_/_4436837'		0.83	3.33	3.33	0.14	0.4	3.33	2.49 No	0.14	Thermal Discharging
TLK066	507	'5537803_/_5537801'		1.9	10	10	0.41	1.5	10	7.46 No	0.41	Thermal Discharging
TLK066	508	'7632250_/_7632248'		3.1	10	10	0.41	1.4	10	7.46 No	0.41	Thermal Discharging
TLK066	509	'4419773_/_4419770'		0.9	3.33	3.33	0.14	0.7	3.33	2.49 No	0.14	Thermal Discharging
TLK066	510	'5535895_/_5535893'		0.9	3.33	3.33	0.14	0.3	3.33	2.49 No	0.14	Thermal Discharging
TLK066	511	'5543655_/_5543653'		1	3.33	3.33	0.14	0.3	3.33	2.49 No	0.14	Thermal Discharging
TLK066	512	'43727594_/_43										

Feeder Name	Feeder ID	Node	Primary Over- Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TLK066	513	'4420113_/_4420111'		0.83	3.33	3.33	0.14	0.4	3.33	2.49 No	0.14 Thermal Discharging
TLK066	514	'7632361_/_7951946'		0.77	3.33	3.33	0.14	0.3	3.33	2.49 No	0.14 Thermal Discharging
TLK066	515	'7316856_/_7316853'		0.77	3.33	3.33	0.14	0.3	3.33	2.49 No	0.14 Thermal Discharging
TLK066	516	'67019371_/_67019270_1'		1.9	10	10	0.41	0.9	10	7.46 No	0.41 Thermal Discharging
TLK066	517	'43727615_/_5504542'		0.67	3.33	3.33	0.14	0.3	3.33	2.49 No	0.14 Thermal Discharging
TLK066	518	'7953353_/_7953350'		0.97	3.33	3.33	0.14	0.4	3.33	2.49 No	0.14 Thermal Discharging
TLK066	519	'5537854_/_5537852'		1.8	10	10	0.41	1.5	10	7.46 No	0.41 Thermal Discharging
TLK066	520	'5504719_/_5504717'		1.7	10	10	0.41	0.9	10	7.46 No	0.41 Thermal Discharging
TLK066	521	'5535883_/_5535964'		0.87	3.33	3.33	0.14	0.3	3.33	2.49 No	0.14 Thermal Discharging
TLK066	522	'43511137_/_43511139'		0.8	3.33	3.33	0.14	0.4	3.33	2.49 No	0.14 Thermal Discharging
TLK066	523	'7632701_/_7632698'		0.97	3.33	3.33	0.14	0.5	3.33	2.49 No	0.14 Thermal Discharging
TLK066	524	'4432655_/_4441199'		1	3.33	3.33	0.14	0.5	3.33	2.49 No	0.14 Thermal Discharging
TLK066	525	'5539165_/_5539162'		0.7	3.33	3.33	0.14	0.5	3.33	2.49 No	0.14 Thermal Discharging
TLK066	526	'4419799_/_4419796'		0.83	3.33	3.33	0.14	0.7	3.33	2.49 No	0.14 Thermal Discharging
TLK066	527	'4440954_/_4440952'		1	3.33	3.33	0.14	0.5	3.33	2.49 No	0.14 Thermal Discharging
TLK066	528	'5539177_/_5539188'		0.67	3.33	3.33	0.14	0.5	3.33	2.49 No	0.14 Thermal Discharging
TLK066	529	'5504680_/_5504704'		0.6	3.33	3.33	0.14	0.3	3.33	2.49 No	0.14 Thermal Discharging
TLK066	530	'43732028_/_43732030'		1.7	10	10	0.41	0.9	10	7.46 No	0.41 Thermal Discharging
TLK066	531	'5538006_/_5538004'		1.8	10	10	0.41	1.5	10	7.46 No	0.41 Thermal Discharging
TLK066	532	'9210267_/_9210280'		0.7	3.33	3.33	0.14	0.3	3.33	2.49 No	0.14 Thermal Discharging
TLK066	533	'8354918_/_8982201_1'		1.8	10	10	0.41	0.9	10	7.46 No	0.41 Thermal Discharging
TLK066	534	'7316784_/_7316781'		0.93	3.33	3.33	0.14	0.4	3.33	2.49 No	0.14 Thermal Discharging
TLK066	535	'40364598_/_7136240'		1.7	10	10	0.41	1.5	10	7.46 No	0.41 Thermal Discharging
TLK066	536	'5536216_/_5536214'		0.63	3.33	3.33	0.14	0.3	3.33	2.49 No	0.14 Thermal Discharging
TLK066	537	'5504863_/_5504860'		0.77	3.33	3.33	0.14	0.3	3.33	2.49 No	0.14 Thermal Discharging
TLK066	538	'43514021_/_4432652'		0.93	3.33	3.33	0.14	0.5	3.33	2.49 No	0.14 Thermal Discharging
TLK066	539	'5536860_/_5539201'		0.67	3.33	3.33	0.14	0.5	3.33	2.49 No	0.14 Thermal Discharging
TLK066	540	'4419812_/_4419809'		0.8	3.33	3.33	0.14	0.7	3.33	2.49 No	0.14 Thermal Discharging
TLK066	541	'43727804_/_43727806'		1.7	10	10	0.41	1.5	10	7.46 No	0.41 Thermal Discharging
TLK066	542	'43731332_/_43731334'		0.8	3.33	3.33	0.14	0.3	3.33	2.49 No	0.14 Thermal Discharging
TLK066	543	'43513917_/_4441225'		0.9	3.33	3.33	0.14	0.5	3.33	2.49 No	0.14 Thermal Discharging
TLK066	544	'5537639_/_5537636_2'		1.13	6.67	6.67	0.27	1	6.67	4.97 No	0.27 Thermal Discharging
TLK066	545	'4440993_/_4441238'		0.93	3.33	3.33	0.14	0.5	3.33	2.49 No	0.14 Thermal Discharging
TLK066	546	'53675310_/_8895366'		0.87	3.33	3.33	0.14	0.5	3.33	2.49 No	0.14 Thermal Discharging
TLK066	547	'7632289_/_7632286'		0.7	3.33	3.33	0.14	0.5	3.33	2.49 No	0.14 Thermal Discharging
TLK066	548	'5509836_/_5509834'		0.57	3.33	3.33	0.14	0.3	3.33	2.49 No	0.14 Thermal Discharging
TLK066	549	'4419451_/_4419449'		0.73	3.33	3.33	0.14	0.4	3.33	2.49 No	0.14 Thermal Discharging
TLK066	550	'5504737_/_5538422'		1.6	10	10	0.41	0.9	10	7.46 No	0.41 Thermal Discharging
TLK066	551	'5539178_/_5539175'		0.63	3.33	3.33	0.14	0.5	3.33	2.49 No	0.14 Thermal Discharging
TLK066	552	'8982204_/_8982201_2'		1.7	10	10	0.41	0.9	10	7.46 No	0.41 Thermal Discharging
TLK066	553	'7632360_/_7632358_1'		0.67	3.33	3.33	0.14	0.3	3.33	2.49 No	0.14 Thermal Discharging
TLK066	554	'4440994_/_4440991'		0.87	3.33	3.33	0.14	0.5	3.33	2.49 No	0.14 Thermal Discharging
TLK066	555	'5536861_/_5536858'		0.63	3.33	3.33	0.14	0.5	3.33	2.49 No	0.14 Thermal Discharging
TLK066	556	'4419825_/_4419822'		0.77	3.33	3.33	0.14	0.7	3.33	2.49 No	0.14 Thermal Discharging
TLK066	557	'37785606_/_9210586'		2.5	10	10	0.41	1.4	10	7.46 No	0.41 Thermal Discharging
TLK066	558	'37785592_/_37785610'		2.5	10	10	0.41	1.4	10	7.46 No	0.41 Thermal Discharging
TLK066	559	'5504681_/_5504678'		0.57	3.33	3.33	0.14	0.3	3.33	2.49 No	0.14 Thermal Discharging
TLK066	560	'5535882_/_5535880'		0.77	3.33	3.33	0.14	0.3	3.33	2.49 No	0.14 Thermal Discharging
TLK066	561	'5536285_/_5537636_1'		1.13	6.67	6.67	0.27	0.6	6.67	4.97 No	0.27 Thermal Discharging
TLK066	562	'7951865_/_7951862'		0.63	3.33	3.33	0.14	0.5	3.33	2.49 No	0.14 Thermal Discharging
TLK066	563	'4441071_/_43514023'		0.83	3.33	3.33	0.14	0.5	3.33	2.49 No	0.14 Thermal Discharging
TLK066	564	'43732181_/_5539110'		0.6	3.33	3.33	0.14	0.5	3.33	2.49 No	0.14 Thermal Discharging
TLK066	565	'53675371_/_53675378'		0.77	3.33	3.33	0.14	0.5	3.33	2.49 No	0.14 Thermal Discharging
TLK066	566	'4441254_/_4441251'		0.8	3.33	3.33	0.14	0.5	3.33	2.49 No	0.14 Thermal Discharging
TLK066	567	'5544686_/_5544683'		0.6	3.33	3.33	0.14	0.5	3.33	2.49 No	0.14 Thermal Discharging
TLK066	568	'43727483_/_43727485'		1.13	6.67	6.67	0.27	0.6	6.67	4.97 No	0.27 Thermal Discharging
TLK066	569	'4419785_/_4419835'		0.73	3.33	3.33	0.14	0.7	3.33	2.49 No	0.14 Thermal Discharging
TLK066	570	'4440834_/_4441212'		0.8	3.33	3.33	0.14	0.5	3.33	2.49 No	0.14 Thermal Discharging
TLK066	571	'43727638_/_43727640'		0.53	3.33	3.33	0.14	0.3	3.33	2.49 No	0.14 Thermal Discharging
TLK066	572	'5504736_/_5504734'		1.4	10	10	0.41	0.9	10	7.46 No	0.41 Thermal Discharging
TLK066	573	'8041344_/_8041342_1'		0.57	3.33	3.33	0.14	0.1	3.33	2.49 No	0.1 Element Fault
TLK066	574	'5504694_/_5504691'		0.53	3.33	3.33	0.14	0.3	3.33	2.49 No	0.14 Thermal Discharging
TLK066	575	'5539113_/_43732183'		0.6	3.33	3.33	0.14	0.5	3.33	2.49 No	0.14 Thermal Discharging
TLK066	576	'7317230_/_7317227'		0.8	3.33	3.33	0.14	0.4	3.33	2.49 No	0.14 Thermal Discharging
TLK066	577	'5544763_/_5544760'		0.57	3.33	3.33	0.14	0.5	3.33	2.49 No	0.14 Thermal Discharging
TLK066	578	'43514032_/_4441264'		0.77	3.33	3.33	0.14	0.5	3.33	2.49 No	0.14 Thermal Discharging
TLK066	579	'5544699_/_43735928'		0.57	3.33	3.33	0.14	0.5	3.33	2.49 No	0.14 Thermal Discharging
TLK066	580	'43727649_/_43727651'		0.5	3.33	3.33	0.14	0.3	3.33	2.49 No	0.14 Thermal Discharging
TLK066	581	'5536164_/_5536162'		1.13	6.67	6.67	0.27	0.6	6.67	4.97 No	0.27 Thermal Discharging
TLK066	582	'4441072_/_4441069'		0.77	3.33	3.33	0.14	0.5	3.33	2.49 No	0.14 Thermal Discharging
TLK066	583	'4419786_/_4419783'		0.7	3.33	3.33	0.14	0.7	3.33	2.49 No	0.14 Thermal Discharging
TLK066	584	'7951916_/_7951914_2'		0.67	3.33	3.33	0.14	0.7	3.33	2.49 No	0.14 Thermal Discharging
TLK066	585	'8897582_/_9211756'		0.7	3.33	3.33	0.14	0.4	3.33	2.49 No	0.14 Thermal Discharging
TLK066	586	'7952248_/_8265847'		0.73	3.33	3.33	0.14	0.4	3.33	2.49 No	0.14 Thermal Discharging
TLK066	587	'4440835_/_4440832'		0.73	3.33	3.33	0.14	0.5	3.33	2.49 No	0.14 Thermal Discharging
TLK066	588	'7951917_/_7951914_1'		0.67	3.33	3.33	0.14	0.3	3.33	2.49 No	0.14 Thermal Discharging
TLK066	589	'5538552_/_5538550'		1.3	10	10	0.41	0.9	10	7.46 No	0.41 Thermal Discharging
TLK066	590	'43511614_/_4421574'		0.67	3.33	3.33	0.14	0.7	3.33	2.49 No	0.14 Thermal Discharging
TLK066	591	'45370008_/_5544258'		0.5	3.33	3.33	0.14	0.3	3.33	2.49 No	0.14 Thermal Discharging
TLK066	592	'4441123_/_4441186'		0.7	3.33	3.33	0.14	0.5	3.33	2.49 No	0.14 Thermal Discharging
TLK066	593	'43727495_/_43727497'		0.53	3.33	3.33	0.14	0.3	3.33	2.49 No	0.14 Thermal Discharging
TLK066	594	'4432958_/_4432955'		0.67	3.33	3.33	0.14	0.7	3.33	2.49 No	0.14 Thermal Discharging
TLK066	595	'5536182_/_43727673'		1.07	6.67	6.67	0.27	0.6	6.67	4.97 No	0.27 Thermal Discharging
TLK066	596	'43513966_/_4441082'		0.7	3.33	3.33	0.14	0.5	3.33	2.49 No	0.14 Thermal Discharging
TLK066	597	'53675402_/_53675409'		0.67	3.33	3.33	0.14	0.5	3.33	2.49 No	0.14 Thermal Discharging
TLK066	598	'4421577_/_43511616'		0.63	3.33	3.33	0.14	0.7	3.33	2.49 No	0.14 Thermal Discharging
TLK066	599	'43511252_/_4441004'		0.67	3.33	3.33	0.14	0.5	3.33	2.49 No	0.14 Thermal Discharging
TLK066	600	'5536139_/_5536149'		0.5	3.33	3.33	0.14	0.3	3.33	2.49 No	0.14 Thermal Discharging
TLK066	601	'4432886_/_4432968'		0.63	3.33	3.33	0.14	0.7	3.33	2.49 No	0.14 Thermal Discharging
TLK066	602	'8266038_/_8576420_1'		0.63	3.33	3.33	0.14	0.4	3.33	2.49 No	0.14 Thermal Discharging
TLK066	603	'4441124_/_4441121'		0.67	3.33	3.33	0.14	0.5	3.33	2.49 No	0.14 Thermal Discharging
TLK066	604	'8897583_/_8897580'		0.63	3.33	3.33	0.14	0.4	3.33	2.49 No	0.14 Thermal Discharging
TLK066	605	'7632768_/_7952246'		0.67	3.33	3.33	0.14	0.4	3.33	2.49 No	0.14 Thermal Discharging
TLK066	606	'5536126_/_5536136'		0.5	3.33	3.33	0.14	0.3	3.33	2.49 No	0.14 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
											VSR (MW)	Limiting Threshold
TLK066	607	'5544778_/8041342_2'		0.5	3.33	3.33	0.14	0.1	3.33	2.49 No	0.1	Element Fault
TLK066	608	'53675433_/53675440'		0.63	3.33	3.33	0.14	0.5	3.33	2.49 No	0.14	Thermal Discharging
TLK066	609	'5544779_/5544776'		0.5	3.33	3.33	0.14	0.1	3.33	2.49 No	0.1	Element Fault
TLK066	610	'4432873_/4432884'		0.6	3.33	3.33	0.14	0.7	3.33	2.49 No	0.14	Thermal Discharging
TLK066	611	'5536125_/5536123'		0.5	3.33	3.33	0.14	0.3	3.33	2.49 No	0.14	Thermal Discharging
TLK066	612	'7952233_/8576372'		0.5	3.33	3.33	0.14	0.5	3.33	2.49 No	0.14	Thermal Discharging
TLK066	613	'4441098_/43513968'		0.63	3.33	3.33	0.14	0.5	3.33	2.49 No	0.14	Thermal Discharging
TLK066	614	'4440850_/43511254'		0.6	3.33	3.33	0.14	0.5	3.33	2.49 No	0.14	Thermal Discharging
TLK066	615	'5536268_/5536266'		0.5	3.33	3.33	0.14	0.3	3.33	2.49 No	0.14	Thermal Discharging
TLK066	616	'43511912_/4432910'		0.6	3.33	3.33	0.14	0.7	3.33	2.49 No	0.14	Thermal Discharging
TLK066	617	'8265621_/8576420_2'		0.57	3.33	3.33	0.14	0.4	3.33	2.49 No	0.14	Thermal Discharging
TLK066	618	'584915757_/584915662_1'		0.57	3.33	3.33	0.14	0.4	3.33	2.49 No	0.14	Thermal Discharging
TLK066	619	'43513988_/4441134'		0.6	3.33	3.33	0.14	0.5	3.33	2.49 No	0.14	Thermal Discharging
TLK066	620	'4421664_/4432871'		0.57	3.33	3.33	0.14	0.7	3.33	2.49 No	0.14	Thermal Discharging
TLK066	621	'43727506_/43727508'		0.47	3.33	3.33	0.14	0.3	3.33	2.49 No	0.14	Thermal Discharging
TLK066	622	'8546126_/9521306'		0.57	3.33	3.33	0.14	0.4	3.33	2.49 No	0.14	Thermal Discharging
TLK066	623	'5536315_/5536313'		0.47	3.33	3.33	0.14	0.3	3.33	2.49 No	0.14	Thermal Discharging
TLK066	624	'43513977_/4441108'		0.57	3.33	3.33	0.14	0.5	3.33	2.49 No	0.14	Thermal Discharging
TLK066	625	'4440851_/4440848'		0.57	3.33	3.33	0.14	0.5	3.33	2.49 No	0.14	Thermal Discharging
TLK066	626	'7317350_/584915662_2'		0.57	3.33	3.33	0.14	0.4	3.33	2.49 No	0.14	Thermal Discharging
TLK066	627	'4421665_/4421662'		0.57	3.33	3.33	0.14	0.7	3.33	2.49 No	0.14	Thermal Discharging
TLK066	628	'43727517_/43727519'		0.47	3.33	3.33	0.14	0.3	3.33	2.49 No	0.14	Thermal Discharging
TLK066	629	'53675464_/53675471'		0.57	3.33	3.33	0.14	0.5	3.33	2.49 No	0.14	Thermal Discharging
TLK066	630	'57548509_/57548511'		0.47	3.33	3.33	0.14	0.3	3.33	2.49 No	0.14	Thermal Discharging
TLK066	631	'4421589_/4421688'		0.53	3.33	3.33	0.14	0.7	3.33	2.49 No	0.14	Thermal Discharging
TLK066	632	'43735721_/5543892'		0.43	3.33	3.33	0.14	0.3	3.33	2.49 No	0.14	Thermal Discharging
TLK066	633	'8265622_/374640527'		0.53	3.33	3.33	0.14	0.4	3.33	2.49 No	0.14	Thermal Discharging
TLK066	634	'4441150_/43513990'		0.53	3.33	3.33	0.14	0.5	3.33	2.49 No	0.14	Thermal Discharging
TLK066	635	'4441111_/43513979'		0.53	3.33	3.33	0.14	0.5	3.33	2.49 No	0.14	Thermal Discharging
TLK066	636	'5536415_/5536425'		0.43	3.33	3.33	0.14	0.3	3.33	2.49 No	0.14	Thermal Discharging
TLK066	637	'4421651_/4421675'		0.53	3.33	3.33	0.14	0.7	3.33	2.49 No	0.14	Thermal Discharging
TLK066	638	'43511263_/4441030'		0.53	3.33	3.33	0.14	0.5	3.33	2.49 No	0.14	Thermal Discharging
TLK066	639	'7634154_/8546124'		0.53	3.33	3.33	0.14	0.4	3.33	2.49 No	0.14	Thermal Discharging
TLK066	640	'63585684_/63585655_1'		0.43	3.33	3.33	0.14	0.1	3.33	2.49 No	0.1	Element Fault
TLK066	641	'43511625_/4421587'		0.53	3.33	3.33	0.14	0.7	3.33	2.49 No	0.14	Thermal Discharging
TLK066	642	'53675495_/53675502'		0.53	3.33	3.33	0.14	0.5	3.33	2.49 No	0.14	Thermal Discharging
TLK066	643	'5536414_/5536412'		0.43	3.33	3.33	0.14	0.3	3.33	2.49 No	0.14	Thermal Discharging
TLK066	644	'43511296_/4421649'		0.5	3.33	3.33	0.14	0.7	3.33	2.49 No	0.14	Thermal Discharging
TLK066	645	'43513999_/4441160'		0.5	3.33	3.33	0.14	0.5	3.33	2.49 No	0.14	Thermal Discharging
TLK066	646	'5536303_/5543876'		0.43	3.33	3.33	0.14	0.3	3.33	2.49 No	0.14	Thermal Discharging
TLK066	647	'4421590_/43511627'		0.5	3.33	3.33	0.14	0.7	3.33	2.49 No	0.14	Thermal Discharging
TLK066	648	'7952232_/7952230'		0.43	3.33	3.33	0.14	0.5	3.33	2.49 No	0.14	Thermal Discharging
TLK066	649	'4440863_/43511265'		0.5	3.33	3.33	0.14	0.5	3.33	2.49 No	0.14	Thermal Discharging
TLK066	650	'43511301_/43511298'		0.5	3.33	3.33	0.14	0.7	3.33	2.49 No	0.14	Thermal Discharging
TLK066	651	'7634155_/7634152_1'		0.47	3.33	3.33	0.14	0.3	3.33	2.49 No	0.14	Thermal Discharging
TLK066	652	'43727528_/43727530'		0.4	3.33	3.33	0.14	0.3	3.33	2.49 No	0.14	Thermal Discharging
TLK066	653	'49243092_/49243063_2'		0.5	3.33	3.33	0.14	0.7	3.33	2.49 No	0.14	Thermal Discharging
TLK066	654	'57548564_/63585655_2'		0.4	3.33	3.33	0.14	0.1	3.33	2.49 No	0.1	Element Fault
TLK066	655	'4441163_/43514001'		0.47	3.33	3.33	0.14	0.5	3.33	2.49 No	0.14	Thermal Discharging
TLK066	656	'49243066_/49243063_1'		0.47	3.33	3.33	0.14	0.3	3.33	2.49 No	0.14	Thermal Discharging
TLK066	657	'5536243_/5536253'		0.4	3.33	3.33	0.14	0.3	3.33	2.49 No	0.14	Thermal Discharging
TLK066	658	'4440864_/4440861'		0.47	3.33	3.33	0.14	0.5	3.33	2.49 No	0.14	Thermal Discharging
TLK066	659	'4421090_/4421087'		0.47	3.33	3.33	0.14	0.3	3.33	2.49 No	0.14	Thermal Discharging
TLK066	660	'5504668_/5536240'		0.4	3.33	3.33	0.14	0.3	3.33	2.49 No	0.14	Thermal Discharging
TLK066	661	'53675339_/53675521'		0.47	3.33	3.33	0.14	0.5	3.33	2.49 No	0.14	Thermal Discharging
TLK066	662	'7951932_/53675341'		0.43	3.33	3.33	0.14	0.5	3.33	2.49 No	0.14	Thermal Discharging
TLK066	663	'67548935_/67548953'		0.4	3.33	3.33	0.14	0.1	3.33	2.49 No	0.1	Element Fault
TLK066	664	'43513955_/4441056'		0.43	3.33	3.33	0.14	0.5	3.33	2.49 No	0.14	Thermal Discharging
TLK066	665	'43727539_/5504665'		0.37	3.33	3.33	0.14	0.3	3.33	2.49 No	0.14	Thermal Discharging
TLK066	666	'7951933_/7951930'		0.43	3.33	3.33	0.14	0.5	3.33	2.49 No	0.14	Thermal Discharging
TLK066	667	'37785487_/9210606'		0.37	3.33	3.33	0.14	0.5	3.33	2.49 No	0.14	Thermal Discharging
TLK066	668	'37785466_/37785491'		0.37	3.33	3.33	0.14	0.5	3.33	2.49 No	0.14	Thermal Discharging
TLK066	669	'37785473_/37785477'		0.37	3.33	3.33	0.14	0.5	3.33	2.49 No	0.14	Thermal Discharging
TLK066	670	'37785459_/37785463'		0.37	3.33	3.33	0.14	0.5	3.33	2.49 No	0.14	Thermal Discharging
TLK066	671	'37785501_/37785505'		0.37	3.33	3.33	0.14	0.5	3.33	2.49 No	0.14	Thermal Discharging
TLK066	672	'8265985_/8576388'		0.4	3.33	3.33	0.14	0.5	3.33	2.49 No	0.14	Thermal Discharging
TLK066	673	'5504599_/5504652'		0.37	3.23	3.33	0.14	0.3	3.33	2.49 No	0.14	Thermal Discharging
TLK066	674	'4441059_/43513957'		0.4	3.33	3.33	0.14	0.5	3.33	2.49 No	0.14	Thermal Discharging
TLK066	675	'7632377_/7632730'		0.37	3.33	3.33	0.14	0.5	3.33	2.49 No	0.14	Thermal Discharging
TLK066	676	'5504600_/5504597'		0.33	3.13	3.33	0.14	0.3	3.33	2.49 No	0.14	Thermal Discharging
TLK066	677	'70250608_/43727552'		0.33	3.13	3.33	0.14	0.3	3.33	2.49 No	0.14	Thermal Discharging
TLK066	678	'8265717_/8265983_1'		0.33	3.2	3.33	0.14	0.5	3.33	2.49 No	0.14	Thermal Discharging
TLK066	679	'5504613_/5504610'		0.33	3.03	3.33	0.14	0.3	3.33	2.49 No	0.14	Thermal Discharging
TLK066	680	'49201274_/70250605'		0.33	3	3.33	0.14	0.3	3.33	2.49 No	0.14	Thermal Discharging
TLK066	681	'5504625_/8982185_2'		0.33	3	3.33	0.14	0.3	3.33	2.49 No	0.14	Thermal Discharging
TLK066	682	'7632376_/7632374'		0.33	3.17	3.33	0.14	0.5	3.33	2.49 No	0.14	Thermal Discharging
TLK066	683	'8982187_/8982185_1'		0.3	2.73	3.33	0.14	0.1	3.33	2.49 No	0.1	Element Fault
TLK066	684	'388582942_/389158621_2'		0.27	2.43	3.33	0.14	0.1	3.33	2.49 No	0.1	Element Fault
TLK066	685	'5536467_/389158621_1'		0.27	2.43	3.33	0.14	0.1	3.33	2.49 No	0.1	Element Fault
TLK066	686	'5504532_/5536464'		0.27	2.4	3.33	0.14	0.1	3.33	2.49 No	0.1	Element Fault
TLK066	687	'5504531_/5504529'		0.27	2.37	3.33	0.14	0.1	3.33	2.49 No	0.1	Element Fault
TLK066	688	'5537541_/5537538'		0.27	2.33	3.33	0.14	0.1	3.33	2.49 No	0.1	Element Fault
TLK066	689	'5537657_/5537654'		0.23	2.3	3.33	0.14	0.1	3.32	2.49 No	0.1	Element Fault
TLK066	690	'43731592_/43731594'		0.23	2.23	3.33	0.14	0.1	3.29	2.49 No	0.1	Element Fault
TLK066	691	'44775370_/5537164'		0.23	2.2	3.33	0.14	0.1	3.21	2.49 No	0.1	Element Fault
TLK067	0	'TLK067_/351895293'		10	10	10	0.27	10	10	10	0.27	Thermal Discharging
TLK067	1	'351895265_/351895293'		10	10	10	0.27	10	10	10	0.27	Thermal Discharging
TLK067	2	'351895234_/351895262'		10	10	10	0.27	10	10	10	0.27	Thermal Discharging
TLK067	3	'351895203_/351895231'		10	10	10	0.27	10	10	10	0.27	Thermal Discharging
TLK067	4	'351895172_/351895200'		10	10	10	0.27	10	10	10	0.27	Thermal Discharging
TLK067	5	'351895141_/351895169'		10	10	10	0.27	10	10	10	0.27	Thermal Discharging
TLK067	6	'351895108_/351895138'		10	10	10	0.27	10	10	10	0.27	Thermal Discharging
TLK067	7	'351895059_/351895105'		10	10	10	0.27	10	10	10	0.27	Thermal Discharging
TLK067	8	'351895033_/351895056'		10	10	10	0.27	10	10			

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TLK067	9	'499337461_/351895025_1'	10		10	10	0.27	10	10	3.69 No	0.27 Thermal Discharging
TLK067	10	'311347240_/351895025_2'	10		10	10	0.27	10	10	3.69 No	0.27 Thermal Discharging
TLK067	11	'311347071_/311347068'	10		10	10	0.27	10	10	3.69 No	0.27 Thermal Discharging
TLK067	12	'351746094_/351746109'	10		10	10	0.27	10	10	3.69 No	0.27 Thermal Discharging
TLK067	13	'311347089_/311347086'	10		10	10	0.27	10	10	3.69 No	0.27 Thermal Discharging
TLK067	14	'351638632_/351638701'	10		10	10	0.27	10	10	3.69 No	0.27 Thermal Discharging
TLK067	15	'311347107_/311347104'	10		10	10	0.27	10	10	3.69 No	0.27 Thermal Discharging
TLK067	16	'311347124_/311347122'	10		10	10	0.27	10	10	3.69 No	0.27 Thermal Discharging
TLK067	17	'311347143_/311347140'	10		10	10	0.27	10	10	3.69 No	0.27 Thermal Discharging
TLK067	18	'311347173_/311347158'	10		10	10	0.27	10	10	3.69 No	0.27 Thermal Discharging
TLK067	19	'311347174_/311347171'	10		10	10	0.27	10	10	3.69 No	0.27 Thermal Discharging
TLK067	20	'311347197_/311347194'	10		10	10	0.27	10	10	3.69 No	0.27 Thermal Discharging
TLK067	21	'311347215_/311347212'	10		10	10	0.27	10	10	3.69 No	0.27 Thermal Discharging
TLK067	22	'351745438_/311347445'	10		10	10	0.27	10	10	3.69 No	0.27 Thermal Discharging
TLK067	23	'311347365_/351745440'	10		10	10	0.27	10	10	3.69 No	0.27 Thermal Discharging
TLK067	24	'351745267_/311347593_3'	10		10	10	0.27	10	10	3.69 No	0.27 Thermal Discharging
TLK067	25	'455271239_/455271108_1'	3.33		3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	26	'311347811_/311347593_2'	10		10	10	0.27	10	10	3.69 No	0.27 Thermal Discharging
TLK067	27	'54766570_/311347593_1'	10		10	10	0.27	10	10	3.69 No	0.27 Thermal Discharging
TLK067	28	'383879087_/54766572'	10		10	10	0.27	10	10	3.69 No	0.27 Thermal Discharging
TLK067	29	'753512044_/311347816'	10		10	10	0.27	10	10	3.69 No	0.27 Thermal Discharging
TLK067	30	'311347819_/753512048'	10		10	10	0.27	10	10	3.69 No	0.27 Thermal Discharging
TLK067	31	'311347837_/311347834'	10		10	10	0.27	10	10	3.69 No	0.27 Thermal Discharging
TLK067	32	'455271111_/455271108_2'	3.33		3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	33	'311347855_/311347852'	10		10	10	0.27	10	10	3.69 No	0.27 Thermal Discharging
TLK067	34	'383879124_/311347870'	10		10	10	0.27	10	10	3.69 No	0.27 Thermal Discharging
TLK067	35	'311348263_/311347888'	10		10	10	0.27	10	10	3.69 No	0.27 Thermal Discharging
TLK067	36	'311347891_/311348265'	10		10	10	0.27	10	10	3.69 No	0.27 Thermal Discharging
TLK067	37	'351745746_/311347930'	10		10	10	0.27	10	10	3.69 No	0.27 Thermal Discharging
TLK067	38	'311347933_/351745748'	10		10	10	0.27	10	10	3.69 No	0.27 Thermal Discharging
TLK067	39	'311347951_/311347948'	10		10	10	0.27	10	10	3.69 No	0.27 Thermal Discharging
TLK067	40	'455271125_/455271122'	3.33		3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	41	'311347969_/311347966'	10		10	10	0.27	10	10	3.69 No	0.27 Thermal Discharging
TLK067	42	'311347987_/311347984'	10		10	10	0.27	10	10	3.69 No	0.27 Thermal Discharging
TLK067	43	'311348005_/311348002'	10		10	10	0.27	10	10	3.69 No	0.27 Thermal Discharging
TLK067	44	'311348023_/311348020'	10		10	10	0.27	10	10	3.69 No	0.27 Thermal Discharging
TLK067	45	'5558475_/311348038'	10		10	10	0.27	10	10	3.69 No	0.27 Thermal Discharging
TLK067	46	'383879164_/311348056'	10		10	10	0.27	10	10	3.69 No	0.27 Thermal Discharging
TLK067	47	'5558236_/5558233'	10		10	10	0.27	10	10	3.69 No	0.27 Thermal Discharging
TLK067	48	'5548410_/5558253'	10		10	10	0.27	10	10	3.69 No	0.27 Thermal Discharging
TLK067	49	'5558293_/5558290'	10		10	10	0.27	10	10	3.69 No	0.27 Thermal Discharging
TLK067	50	'43736943_/5558310'	10		10	10	0.27	10	10	3.69 No	0.27 Thermal Discharging
TLK067	51	'43736956_/5558327'	10		10	10	0.27	10	10	3.69 No	0.27 Thermal Discharging
TLK067	52	'5558347_/5558344'	10		10	10	0.27	10	10	3.69 No	0.27 Thermal Discharging
TLK067	53	'43736969_/5558361'	10		10	10	0.27	10	10	3.69 No	0.27 Thermal Discharging
TLK067	54	'5558381_/5558378'	10		10	10	0.27	10	10	3.69 No	0.27 Thermal Discharging
TLK067	55	'76055576_/5558523_1'	10		10	10	0.27	10	10	3.69 No	0.27 Thermal Discharging
TLK067	56	'5558526_/5558523_2'	10		10	10	0.27	10	10	3.69 No	0.27 Thermal Discharging
TLK067	57	'5558562_/5558540'	10		10	10	0.27	10	10	3.69 No	0.27 Thermal Discharging
TLK067	58	'5559751_/5559748'	10		10	10	0.27	10	10	3.69 No	0.27 Thermal Discharging
TLK067	59	'5558508_/43738175'	10		10	10	0.27	10	10	3.69 No	0.27 Thermal Discharging
TLK067	60	'7405336_/7405334_1'	10		10	10	0.27	1.4	10	3.69 No	0.27 Thermal Discharging
TLK067	61	'61697338_/9609861_2'	3.33		3.33	3.33	0.09	1.7	3.33	1.23 No	0.09 Thermal Discharging
TLK067	62	'5558130_/5558506'	10		10	10	0.27	10	10	3.69 No	0.27 Thermal Discharging
TLK067	63	'5548397_/5548395'	3.33		3.33	3.33	0.09	1.1	3.33	1.23 No	0.09 Thermal Discharging
TLK067	64	'8356072_/9609861_1'	3.33		3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	65	'600960082_/5558798_2'	3.33		3.33	3.33	0.09	1.1	3.33	1.23 No	0.09 Thermal Discharging
TLK067	66	'5558131_/5558128'	10		10	10	0.27	10	10	3.69 No	0.27 Thermal Discharging
TLK067	67	'5556661_/5558577'	10		10	10	0.27	10	10	3.69 No	0.27 Thermal Discharging
TLK067	68	'5556662_/5556672_2'	3.33		3.33	3.33	0.09	1.1	3.33	1.23 No	0.09 Thermal Discharging
TLK067	69	'5558147_/5558594'	10		10	10	0.27	10	10	3.69 No	0.27 Thermal Discharging
TLK067	70	'5548372_/5558798_1'	3.33		3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	71	'43736063_/5558145'	10		10	10	0.27	10	10	3.69 No	0.27 Thermal Discharging
TLK067	72	'5558165_/5558162'	10		10	10	0.27	10	10	3.69 No	0.27 Thermal Discharging
TLK067	73	'5558185_/5558182'	10		10	10	0.27	10	10	3.69 No	0.27 Thermal Discharging
TLK067	74	'5558202_/5558199'	10		10	10	0.27	10	10	3.69 No	0.27 Thermal Discharging
TLK067	75	'5535015_/5558730'	10		10	10	0.27	10	10	3.69 No	0.27 Thermal Discharging
TLK067	76	'5548210_/5556672_1'	3.33		3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	77	'5558613_/5558747'	10		10	10	0.27	10	10	3.69 No	0.27 Thermal Discharging
TLK067	78	'5556739_/5558611'	10		10	10	0.27	10	10	3.69 No	0.27 Thermal Discharging
TLK067	79	'50345219_/5534999_2'	3.33		3.33	3.33	0.09	1.1	3.33	1.23 No	0.09 Thermal Discharging
TLK067	80	'43736076_/5558628'	10		10	10	0.27	10	10	3.69 No	0.27 Thermal Discharging
TLK067	81	'61697342_/5556711_2'	3.33		3.33	3.33	0.09	1.5	3.33	1.23 No	0.09 Thermal Discharging
TLK067	82	'5558631_/43736078'	10		10	10	0.27	10	10	3.69 No	0.27 Thermal Discharging
TLK067	83	'5535053_/5558764'	10		10	10	0.27	10	10	3.69 No	0.27 Thermal Discharging
TLK067	84	'621080256_/624672530_2'	3.33		3.33	3.33	0.09	1.5	3.33	1.23 No	0.09 Thermal Discharging
TLK067	85	'5535001_/5534999_1'	3.33		3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	86	'37921335_/7405334_2'	10		10	10	0.27	1.4	10	3.69 No	0.27 Thermal Discharging
TLK067	87	'37921307_/37921339'	10		10	10	0.27	1.4	10	3.69 No	0.27 Thermal Discharging
TLK067	88	'37921300_/37921304'	10		10	10	0.27	1.4	10	3.69 No	0.27 Thermal Discharging
TLK067	89	'37921321_/37921325'	10		10	10	0.27	1.4	10	3.69 No	0.27 Thermal Discharging
TLK067	90	'37921313_/37921311'	10		10	10	0.27	1.4	10	3.69 No	0.27 Thermal Discharging
TLK067	91	'5556701_/5556711_1'	3.33		3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	92	'70250316_/43737663'	10		10	10	0.27	10	10	3.69 No	0.27 Thermal Discharging
TLK067	93	'70250358_/7387454_1'	3.33		3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	94	'70250339_/5558662'	10		10	10	0.27	10	10	3.69 No	0.27 Thermal Discharging
TLK067	95	'5548290_/5548382'	3.33		3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	96	'43736910_/43736912'	3.33		3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	97	'49201349_/5558679'	10		10	10	0.27	10	10	3.69 No	0.27 Thermal Discharging
TLK067	98	'514344550_/514344489_2'	3.33		3.33	3.33	0.09	1.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	99	'5548742_/5556698'	3.33		3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	100	'5553580_/5558645_2'	10		10	10	0.27	10	10	3.69 No	0.27 Thermal Discharging
TLK067	101	'470058051_/5558645_1'	10		10	10	0.27	10	10	3.69 No	0.27 Thermal Discharging
TLK067	102	'43736089_/470058059'	10		10	10	0.27	10	10	3.69 No	0.27 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TLK067	103	'43736855_/_43736857'		3.33	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	104	'5535040_/_624672530_1'		3.33	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	105	'5553444_/_43736091'		10	10	10	0.27	10	10	3.69 No	0.27 Thermal Discharging
TLK067	106	'5548612_/_5548622'		3.33	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	107	'5553445_/_5553442'		10	10	10	0.27	10	10	3.69 No	0.27 Thermal Discharging
TLK067	108	'7137529_/_5556959'		10	10	10	0.27	10	10	3.69 No	0.27 Thermal Discharging
TLK067	109	'5556962_/_351785566'		10	10	10	0.27	10	10	3.69 No	0.27 Thermal Discharging
TLK067	110	'7137530_/_7137547_1'		3.33	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	111	'7130708_/_7130722_1'		3.33	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	112	'43734112_/_43734114'		3.33	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	113	'8041766_/_8041764_2'		10	10	10	0.27	5.1	10	3.69 No	0.27 Thermal Discharging
TLK067	114	'5553617_/_5557078'		10	10	10	0.27	10	10	3.69 No	0.27 Thermal Discharging
TLK067	115	'7718503_/_8355706_2'		10	10	10	0.27	4.2	10	3.69 No	0.27 Thermal Discharging
TLK067	116	'70250340_/_5556750'		10	10	10	0.27	4.5	10	3.69 No	0.27 Thermal Discharging
TLK067	117	'70250353_/_8983015_1'		10	10	10	0.27	1.4	10	3.69 No	0.27 Thermal Discharging
TLK067	118	'5548346_/_5548356'		3.33	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	119	'43736102_/_5553615'		10	10	10	0.27	10	10	3.69 No	0.27 Thermal Discharging
TLK067	120	'44055054_/_5553632'		10	10	10	0.27	10	10	3.69 No	0.27 Thermal Discharging
TLK067	121	'44063962_/_7137547_2'		3.33	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	122	'43734200_/_43734202'		3.33	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	123	'5553635_/_44055058'		10	10	10	0.27	10	10	3.69 No	0.27 Thermal Discharging
TLK067	124	'7405143_/_8355726_2'		10	10	10	0.27	4.2	10	3.69 No	0.27 Thermal Discharging
TLK067	125	'50721880_/_5548288'		3.33	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	126	'5534488_/_5534498'		3.33	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	127	'43736161_/_5553649'		10	10	10	0.27	10	10	3.69 No	0.27 Thermal Discharging
TLK067	128	'5548716_/_5548726'		3.33	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	129	'5553669_/_5553666'		10	10	10	0.27	10	10	3.69 No	0.27 Thermal Discharging
TLK067	130	'43737036_/_43737038'		3.33	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	131	'5553686_/_5553683'		10	10	10	0.27	10	10	3.69 No	0.27 Thermal Discharging
TLK067	132	'624778786_/_5553700_1'		10	10	10	0.27	10	10	3.69 No	0.27 Thermal Discharging
TLK067	133	'43736174_/_5553700_2'		10	10	10	0.27	10	10	3.69 No	0.27 Thermal Discharging
TLK067	134	'5554466_/_5554747'		10	10	10	0.27	10	10	3.69 No	0.27 Thermal Discharging
TLK067	135	'8041751_/_514344489_1'		3.33	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	136	'37921419_/_8663179'		10	10	10	0.27	1.4	10	3.69 No	0.27 Thermal Discharging
TLK067	137	'37921356_/_37921423'		10	10	10	0.27	1.4	10	3.69 No	0.27 Thermal Discharging
TLK067	138	'37921384_/_37921388'		10	10	10	0.27	1.4	10	3.69 No	0.27 Thermal Discharging
TLK067	139	'37921349_/_37921353'		10	10	10	0.27	1.4	10	3.69 No	0.27 Thermal Discharging
TLK067	140	'37921370_/_37921374'		10	10	10	0.27	1.4	10	3.69 No	0.27 Thermal Discharging
TLK067	141	'5548265_/_5548301'		3.33	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	142	'5553723_/_5553720'		10	10	10	0.27	10	10	3.69 No	0.27 Thermal Discharging
TLK067	143	'5551076_/_5554463'		10	10	10	0.27	10	10	3.69 No	0.27 Thermal Discharging
TLK067	144	'350267237_/_7130722_2'		3.33	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	145	'8355708_/_8355706_1'		10	10	10	0.27	1.4	10	3.69 No	0.27 Thermal Discharging
TLK067	146	'43734189_/_43734191'		3.33	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	147	'43736921_/_43736923'		3.33	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	148	'43737448_/_5556201'		10	10	10	0.27	10	10	3.69 No	0.27 Thermal Discharging
TLK067	149	'8041767_/_8041764_1'		10	10	10	0.27	1.4	10	3.69 No	0.27 Thermal Discharging
TLK067	150	'5550999_/_5551074'		3.33	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	151	'5554540_/_5554554_2'		10	10	10	0.27	10	10	3.69 No	0.27 Thermal Discharging
TLK067	152	'43734868_/_5554554_1'		10	10	10	0.27	10	10	3.69 No	0.27 Thermal Discharging
TLK067	153	'6439435_/_7098692'		10	10	10	0.27	4.5	10	3.69 No	0.27 Thermal Discharging
TLK067	154	'5557064_/_5561101'		10	10	10	0.27	10	10	3.69 No	0.27 Thermal Discharging
TLK067	155	'43734881_/_43734883'		10	10	10	0.27	10	10	3.69 No	0.27 Thermal Discharging
TLK067	156	'5561052_/_5561084'		10	10	10	0.27	10	10	3.69 No	0.27 Thermal Discharging
TLK067	157	'8400251_/_8419296_1'		3.33	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	158	'5556190_/_8041990_2'		3.33	3.33	3.33	0.09	1.7	3.33	1.23 No	0.09 Thermal Discharging
TLK067	159	'5548252_/_5548262'		3.33	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	160	'43734101_/_43734103'		3.33	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	161	'5556459_/_5556473'		10	10	10	0.27	10	10	3.69 No	0.27 Thermal Discharging
TLK067	162	'5561053_/_5561050'		10	10	10	0.27	10	10	3.69 No	0.27 Thermal Discharging
TLK067	163	'8110912_/_8110910_1'		10	10	10	0.27	1.4	10	3.69 No	0.27 Thermal Discharging
TLK067	164	'5534472_/_5534485'		3.33	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	165	'43917292_/_6439433'		10	10	10	0.27	4.5	10	3.69 No	0.27 Thermal Discharging
TLK067	166	'5561018_/_5561033'		10	10	10	0.27	10	10	3.69 No	0.27 Thermal Discharging
TLK067	167	'43737572_/_5556456'		10	10	10	0.27	10	10	3.69 No	0.27 Thermal Discharging
TLK067	168	'624778947_/_6439450_1'		10	10	10	0.27	2.3	10	3.69 No	0.27 Thermal Discharging
TLK067	169	'7718755_/_9055653_1'		3.33	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	170	'6439436_/_6439450_2'		10	10	10	0.27	2.3	10	3.69 No	0.27 Thermal Discharging
TLK067	171	'5555944_/_5561016'		10	10	10	0.27	10	10	3.69 No	0.27 Thermal Discharging
TLK067	172	'5548586_/_5548596'		3.33	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	173	'43734178_/_43734180'		3.33	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	174	'7718659_/_8355726_1'		10	10	10	0.27	1.4	10	3.69 No	0.27 Thermal Discharging
TLK067	175	'5559994_/_5560008'		10	10	10	0.27	10	10	3.69 No	0.27 Thermal Discharging
TLK067	176	'5553739_/_5555942'		10	10	10	0.27	10	10	3.69 No	0.27 Thermal Discharging
TLK067	177	'718094706_/_572101247_1'		3.33	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	178	'594184844_/_594184720_2'		10	10	10	0.27	5.1	10	3.69 No	0.27 Thermal Discharging
TLK067	179	'5548317_/_5548327'		3.33	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	180	'43917898_/_7098676'		3.33	3.33	3.33	0.09	1.5	3.33	1.23 No	0.09 Thermal Discharging
TLK067	181	'7718738_/_7718736_1'		2.13	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	182	'5559977_/_5559991'		10	10	10	0.27	10	10	3.69 No	0.27 Thermal Discharging
TLK067	183	'5553461_/_5553737'		10	10	10	0.27	10	10	3.69 No	0.27 Thermal Discharging
TLK067	184	'694464699_/_7718980_1'		10	10	10	0.27	1.4	10	3.69 No	0.27 Thermal Discharging
TLK067	185	'6438147_/_6438145_1'		3.33	3.33	3.33	0.09	1.5	3.33	1.23 No	0.09 Thermal Discharging
TLK067	186	'37921446_/_8663199'		10	10	10	0.27	1.4	10	3.69 No	0.27 Thermal Discharging
TLK067	187	'37921433_/_37921444'		10	10	10	0.27	1.4	10	3.69 No	0.27 Thermal Discharging
TLK067	188	'37921398_/_37921430'		10	10	10	0.27	1.4	10	3.69 No	0.27 Thermal Discharging
TLK067	189	'37921405_/_37921437'		10	10	10	0.27	1.4	10	3.69 No	0.27 Thermal Discharging
TLK067	190	'37921453_/_37921451'		10	10	10	0.27	1.4	10	3.69 No	0.27 Thermal Discharging
TLK067	191	'5548690_/_5548700'		3.33	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	192	'624778890_/_6438145_2'		3.33	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	193	'5553462_/_5553459'		10	10	10	0.27	10	10	3.69 No	0.27 Thermal Discharging
TLK067	194	'6439453_/_6439450_3'		10	10	10	0.27	2.3	10	3.69 No	0.27 Thermal Discharging
TLK067	195	'43738200_/_43738202'		10	10	10	0.27	10	10	3.69 No	0.27 Thermal Discharging
TLK067	196	'8041750_/_545489624'		3.33	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TLK067	197	'43736888_/5548249'	3.33		3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	198	'7718487_/8419344_1'	3.33		3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	199	'44055074_/44055071'	3.33		3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	200	'5553479_/5553476'	10		10	10	0.27	10	10	3.69 No	0.27 Thermal Discharging
TLK067	201	'8742613_/44090548_1'	3.33		3.33	3.33	0.09	0.3	3.33	1.23 No	0.09 Thermal Discharging
TLK067	202	'43738186_/43738188'	10		10	10	0.27	10	10	3.69 No	0.27 Thermal Discharging
TLK067	203	'7718658_/7718656'	10		10	10	0.27	1.4	10	3.69 No	0.27 Thermal Discharging
TLK067	204	'6438148_/6438145_3'	3.33		3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	205	'43734167_/43734169'	3.33		3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	206	'43734857_/43734859'	3.33		3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	207	'5553495_/5553598'	10		10	10	0.27	10	10	3.69 No	0.27 Thermal Discharging
TLK067	208	'5559943_/5559957'	10		10	10	0.27	10	10	3.69 No	0.27 Thermal Discharging
TLK067	209	'37920992_/8983015_2'	10		10	10	0.27	1.4	10	3.69 No	0.27 Thermal Discharging
TLK067	210	'37920999_/37920996'	10		10	10	0.27	1.4	10	3.69 No	0.27 Thermal Discharging
TLK067	211	'37921034_/37921038'	10		10	10	0.27	1.4	10	3.69 No	0.27 Thermal Discharging
TLK067	212	'37921006_/37921010'	10		10	10	0.27	1.4	10	3.69 No	0.27 Thermal Discharging
TLK067	213	'37921020_/37921024'	10		10	10	0.27	1.4	10	3.69 No	0.27 Thermal Discharging
TLK067	214	'346469174_/326261181_2'	3.33		3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	215	'5553496_/5553493'	10		10	10	0.27	10	10	3.69 No	0.27 Thermal Discharging
TLK067	216	'5554523_/5559940'	10		10	10	0.27	10	10	3.69 No	0.27 Thermal Discharging
TLK067	217	'5534349_/5534469'	3.33		3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	218	'8419299_/8419296_2'	3.33		3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	219	'6439470_/6439467'	10		10	10	0.27	2.3	10	3.69 No	0.27 Thermal Discharging
TLK067	220	'8662992_/9298604_1'	10		10	10	0.27	1.4	10	3.69 No	0.27 Thermal Discharging
TLK067	221	'43737025_/5548583'	3.33		3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	222	'5553513_/5553510'	10		10	10	0.27	10	10	3.69 No	0.27 Thermal Discharging
TLK067	223	'5548677_/5548687'	3.33		3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	224	'5554522_/5554520'	10		10	10	0.27	10	10	3.69 No	0.27 Thermal Discharging
TLK067	225	'44063951_/44063964'	3.33		3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	226	'7764091_/9055653_2'	3.33		3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	227	'43736932_/43736934'	3.33		3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	228	'43738050_/5558038'	10		10	10	0.27	10	10	3.69 No	0.27 Thermal Discharging
TLK067	229	'43734894_/43734896'	10		10	10	0.27	10	10	3.69 No	0.27 Thermal Discharging
TLK067	230	'435073661_/7718980_2'	10		10	10	0.27	1.4	10	3.69 No	0.27 Thermal Discharging
TLK067	231	'43734156_/43734158'	3.33		3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	232	'5534336_/5534346'	3.33		3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	233	'5554503_/5554571'	10		10	10	0.27	10	10	3.69 No	0.27 Thermal Discharging
TLK067	234	'5548236_/5548275'	3.33		3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	235	'5559906_/43738052'	10		10	10	0.27	10	10	3.69 No	0.27 Thermal Discharging
TLK067	236	'43917909_/6438158'	3.33		3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	237	'5534362_/5534359'	3.33		3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	238	'9298286_/9298284'	10		10	10	0.27	1.4	10	3.69 No	0.27 Thermal Discharging
TLK067	239	'49248166_/8356050_2'	10		10	10	0.27	5.1	10	3.69 No	0.27 Thermal Discharging
TLK067	240	'43734090_/43734092'	3.33		3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	241	'5551089_/5554500'	10		10	10	0.27	10	10	3.69 No	0.27 Thermal Discharging
TLK067	242	'8110913_/8110910_2'	10		10	10	0.27	1.4	10	3.69 No	0.27 Thermal Discharging
TLK067	243	'8355941_/57107952'	10		10	10	0.27	1.4	10	3.69 No	0.27 Thermal Discharging
TLK067	244	'38851100_/44090548_2'	3.33		3.33	3.33	0.09	0.3	3.33	1.23 No	0.09 Thermal Discharging
TLK067	245	'7478230_/435073692'	6.67		6.67	6.67	0.18	0.93	6.67	2.46 No	0.18 Thermal Discharging
TLK067	246	'5559242_/5559240'	10		10	10	0.27	10	10	3.69 No	0.27 Thermal Discharging
TLK067	247	'453208621_/5558055'	10		10	10	0.27	10	10	3.69 No	0.27 Thermal Discharging
TLK067	248	'7450838_/326261181_1'	3.33		3.33	3.33	0.09	0.3	3.33	1.23 No	0.09 Thermal Discharging
TLK067	249	'6439487_/6439484'	10		10	10	0.27	2.3	10	3.69 No	0.27 Thermal Discharging
TLK067	250	'435073668_/7478228'	6.67		6.67	6.67	0.18	0.93	6.67	2.46 No	0.18 Thermal Discharging
TLK067	251	'8983186_/8983183'	10		10	10	0.27	1.4	10	3.69 No	0.27 Thermal Discharging
TLK067	252	'43734907_/43734909'	10		10	10	0.27	10	10	3.69 No	0.27 Thermal Discharging
TLK067	253	'453208688_/453208650_1'	3.33		3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	254	'8355668_/8663083'	10		10	10	0.27	1.4	10	3.69 No	0.27 Thermal Discharging
TLK067	255	'7405163_/594184720_1'	10		10	10	0.27	1.4	10	3.69 No	0.27 Thermal Discharging
TLK067	256	'5553529_/453208623'	10		10	10	0.27	10	10	3.69 No	0.27 Thermal Discharging
TLK067	257	'7405183_/8041990_1'	3.33		3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	258	'5554483_/5559203'	10		10	10	0.27	10	10	3.69 No	0.27 Thermal Discharging
TLK067	259	'5550998_/5550996'	3.33		3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	260	'5553530_/5553527'	10		10	10	0.27	10	10	3.69 No	0.27 Thermal Discharging
TLK067	261	'43736866_/43736868'	3.33		3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	262	'8983078_/9609897_1'	10		10	10	0.27	1.4	10	3.69 No	0.27 Thermal Discharging
TLK067	263	'8983097_/9298604_2'	10		10	10	0.27	1.4	10	3.69 No	0.27 Thermal Discharging
TLK067	264	'8041563_/379208041'	3.33		3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	265	'43736844_/5534385'	3.33		3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	266	'43734933_/5551087'	3.33		3.33	3.33	0.09	1.5	3.33	1.23 No	0.09 Thermal Discharging
TLK067	267	'5554482_/5554480'	10		10	10	0.27	10	10	3.69 No	0.27 Thermal Discharging
TLK067	268	'7387456_/7387454_2'	3.33		3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	269	'43734145_/5548794'	3.33		3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	270	'5548316_/5548314'	3.33		3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	271	'5553547_/5553544'	10		10	10	0.27	10	10	3.69 No	0.27 Thermal Discharging
TLK067	272	'5548223_/5548233'	3.33		3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	273	'5550896_/5550894_1'	3.33		3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	274	'718309519_/43915117'	3.33		3.33	3.33	0.09	0.77	3.33	1.23 No	0.09 Thermal Discharging
TLK067	275	'5548534_/5548570'	3.33		3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	276	'5548651_/5548661'	3.33		3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	277	'43737559_/5556385'	10		10	10	0.27	10	10	3.69 No	0.27 Thermal Discharging
TLK067	278	'7718623_/72819984'	10		10	10	0.27	1.4	10	3.69 No	0.27 Thermal Discharging
TLK067	279	'43915080_/43917911'	3.33		3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	280	'5553563_/5558092'	10		10	10	0.27	10	10	3.69 No	0.27 Thermal Discharging
TLK067	281	'718309535_/640727750_2'	3.33		3.33	3.33	0.09	0.77	3.33	1.23 No	0.09 Thermal Discharging
TLK067	282	'43734955_/5556368'	10		10	10	0.27	10	10	3.69 No	0.27 Thermal Discharging
TLK067	283	'5554698_/5554696_1'	10		10	10	0.27	10	10	3.69 No	0.27 Thermal Discharging
TLK067	284	'501815232_/9609897_2'	10		10	10	0.27	1.4	10	3.69 No	0.27 Thermal Discharging
TLK067	285	'6442318_/6442315'	10		10	10	0.27	2.3	10	3.69 No	0.27 Thermal Discharging
TLK067	286	'8982607_/594184701'	10		10	10	0.27	1.4	10	3.69 No	0.27 Thermal Discharging
TLK067	287	'5553564_/5553561'	10		10	10	0.27	10	10	3.69 No	0.27 Thermal Discharging
TLK067	288	'5548638_/5548648'	3.33		3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	289	'5554662_/5554696_2'	10		10	10	0.27	10	10	3.69 No	0.27 Thermal Discharging
TLK067	290	'5534375_/5534372'	3.33		3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over- Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TLK067	291	'9609900_/_501815238'		10	10	10	0.27	1.4	10	3.69 No	0.27 Thermal Discharging
TLK067	292	'379207966_/_7718584'		3.33	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	293	'5534304_/_5534317'		3.33	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	294	'8663145_/_8983095'		10	10	10	0.27	1.4	10	3.69 No	0.27 Thermal Discharging
TLK067	295	'5534401_/_5534398'		3.33	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	296	'5554682_/_5554679'		10	10	10	0.27	10	10	3.69 No	0.27 Thermal Discharging
TLK067	297	'8355669_/_71438293'		10	10	10	0.27	1.4	10	3.69 No	0.27 Thermal Discharging
TLK067	298	'43734920_/_43734922'		10	10	10	0.27	3.4	10	3.69 No	0.27 Thermal Discharging
TLK067	299	'5554661_/_5554659'		10	10	10	0.27	10	10	3.69 No	0.27 Thermal Discharging
TLK067	300	'43734134_/_5548781'		3.33	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	301	'34499943_/_44079733'		3.33	3.33	3.33	0.09	0.3	3.33	1.23 No	0.09 Thermal Discharging
TLK067	302	'5534291_/_5534301'		3.33	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	303	'5548637_/_5548635'		3.33	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	304	'6445096_/_7098829'		10	10	10	0.27	10	10	3.69 No	0.27 Thermal Discharging
TLK067	305	'5550979_/_5550976_2'		10	10	10	0.27	3.4	10	3.69 No	0.27 Thermal Discharging
TLK067	306	'5556336_/_5556334'		10	10	10	0.27	10	10	3.69 No	0.27 Thermal Discharging
TLK067	307	'8982608_/_485738559'		10	10	10	0.27	1.4	10	3.69 No	0.27 Thermal Discharging
TLK067	308	'7450726_/_326261235'		3.33	3.33	3.33	0.09	0.3	3.33	1.23 No	0.09 Thermal Discharging
TLK067	309	'6445079_/_6445094'		10	10	10	0.27	10	10	3.69 No	0.27 Thermal Discharging
TLK067	310	'7764092_/_7764089'		3.33	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	311	'40348048_/_9298664_1'		10	10	10	0.27	1.4	10	3.69 No	0.27 Thermal Discharging
TLK067	312	'43737533_/_43737535'		10	10	10	0.27	10	10	3.69 No	0.27 Thermal Discharging
TLK067	313	'43736877_/_43736879'		3.33	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	314	'7718622_/_352609284'		10	10	10	0.27	1.4	10	3.69 No	0.27 Thermal Discharging
TLK067	315	'6445062_/_6445077'		10	10	10	0.27	10	10	3.69 No	0.27 Thermal Discharging
TLK067	316	'7478231_/_435073722'		10	10	10	0.27	1.4	10	3.69 No	0.27 Thermal Discharging
TLK067	317	'8419347_/_8419344_2'		3.33	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	318	'5548518_/_5548531'		3.33	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	319	'5554645_/_5556283'		10	10	10	0.27	10	10	3.69 No	0.27 Thermal Discharging
TLK067	320	'8085298_/_640727750_1'		3.33	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	321	'43736833_/_5534411'		3.33	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	322	'6444675_/_6445060'		10	10	10	0.27	10	10	3.69 No	0.27 Thermal Discharging
TLK067	323	'5550897_/_5550894_2'		3.33	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	324	'5554628_/_5554642'		10	10	10	0.27	10	10	3.69 No	0.27 Thermal Discharging
TLK067	325	'766119497_/_8356070'		3.33	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	326	'43737014_/_43737016'		3.33	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	327	'5534278_/_5534288'		3.33	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	328	'8663146_/_8663143'		10	10	10	0.27	1.4	10	3.69 No	0.27 Thermal Discharging
TLK067	329	'6445029_/_6445026'		10	10	10	0.27	10	10	3.69 No	0.27 Thermal Discharging
TLK067	330	'5548222_/_5548220'		3.33	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	331	'43737520_/_43737522'		10	10	10	0.27	10	10	3.69 No	0.27 Thermal Discharging
TLK067	332	'43917957_/_6442905'		3.33	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	333	'7405123_/_8356050_1'		10	10	10	0.27	1.4	10	3.69 No	0.27 Thermal Discharging
TLK067	334	'8356073_/_766119519'		3.33	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	335	'43918456_/_6445043'		10	10	10	0.27	10	10	3.69 No	0.27 Thermal Discharging
TLK067	336	'43918388_/_6444195'		10	10	10	0.27	2.3	10	3.69 No	0.27 Thermal Discharging
TLK067	337	'43734123_/_5548765'		3.33	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	338	'5554627_/_5554625'		10	10	10	0.27	10	10	3.69 No	0.27 Thermal Discharging
TLK067	339	'44063940_/_44063953'		3.33	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	340	'353422793_/_6445127_2'		10	10	10	0.27	10	10	3.69 No	0.27 Thermal Discharging
TLK067	341	'6445129_/_6445127_1'		10	10	10	0.27	10	10	3.69 No	0.27 Thermal Discharging
TLK067	342	'43737507_/_43737509'		10	10	10	0.27	10	10	3.69 No	0.27 Thermal Discharging
TLK067	343	'43737404_/_43737406'		3.33	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	344	'730004976_/_572101247_2'		3.33	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	345	'5554716_/_5556300'		10	10	10	0.27	10	10	3.69 No	0.27 Thermal Discharging
TLK067	346	'8711205_/_8711202'		10	10	10	0.27	1.4	10	3.69 No	0.27 Thermal Discharging
TLK067	347	'5548453_/_5548515'		3.33	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	348	'43737546_/_43737548'		10	10	10	0.27	10	10	3.69 No	0.27 Thermal Discharging
TLK067	349	'7764076_/_7764169'		3.33	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	350	'7450759_/_730004998'		3.33	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	351	'5534430_/_43736835'		3.33	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	352	'5534264_/_5534275'		3.33	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	353	'5550978_/_5550976_1'		10	10	10	0.27	1.4	10	3.69 No	0.27 Thermal Discharging
TLK067	354	'5554607_/_5554605'		10	10	10	0.27	10	10	3.69 No	0.27 Thermal Discharging
TLK067	355	'5550910_/_5550907'		3.33	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	356	'595270088_/_5551025_2'		3.33	3.33	3.33	0.09	0.47	3.33	1.23 No	0.09 Thermal Discharging
TLK067	357	'6442894_/_43917959'		3.33	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	358	'5554449_/_5554764'		10	10	10	0.27	10	10	3.69 No	0.27 Thermal Discharging
TLK067	359	'5548754_/_5548752'		3.33	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	360	'8041562_/_379208000'		3.33	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	361	'9342463_/_640727759'		3.33	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	362	'5554432_/_5554446'		10	10	10	0.27	10	10	3.69 No	0.27 Thermal Discharging
TLK067	363	'44974263_/_5555748'		3.33	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	364	'7405122_/_7405120'		10	10	10	0.27	1.4	10	3.69 No	0.27 Thermal Discharging
TLK067	365	'8400350_/_8400348_2'		3.33	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	366	'6442486_/_6444212'		10	10	10	0.27	2.3	10	3.69 No	0.27 Thermal Discharging
TLK067	367	'43736992_/_5548450'		3.33	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	368	'5554415_/_5554429'		10	10	10	0.27	10	10	3.69 No	0.27 Thermal Discharging
TLK067	369	'8711225_/_8711222'		10	10	10	0.27	1.4	10	3.69 No	0.27 Thermal Discharging
TLK067	370	'8355550_/_8983151'		3.33	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	371	'8419315_/_412459824'		3.33	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	372	'5534265_/_5534262'		3.33	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	373	'7764075_/_7764073'		3.33	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	374	'5554398_/_5554412'		10	10	10	0.27	10	10	3.69 No	0.27 Thermal Discharging
TLK067	375	'7718603_/_51954093'		10	10	10	0.27	1.4	10	3.69 No	0.27 Thermal Discharging
TLK067	376	'8400103_/_8711106'		3.33	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	377	'7450727_/_7450724_1'		3.33	3.33	3.33	0.09	0.3	3.33	1.23 No	0.09 Thermal Discharging
TLK067	378	'5548546_/_5548544'		3.33	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	379	'5554381_/_5554395'		10	10	10	0.27	10	10	3.69 No	0.27 Thermal Discharging
TLK067	380	'585892758_/_585892661_1'		3.33	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	381	'43736822_/_5534440'		3.33	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	382	'43915093_/_6442892'		3.33	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	383	'37975301_/_453208650_2'		3.33	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	384	'37975308_/_37975305'		3.33	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TLK067	385	'37975343_/_37975347'	3.33	3.33	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	386	'37975329_/_37975333'	3.33	3.33	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	387	'37975315_/_37975319'	3.33	3.33	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	388	'5554364_/_5554378'	10	10	10	10	0.27	10	10	3.69 No	0.27 Thermal Discharging
TLK067	389	'5548466_/_5548463'	3.33	3.33	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	390	'8041976_/_8355548'	3.33	3.33	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	391	'5554347_/_5554361'	10	10	10	10	0.27	10	10	3.69 No	0.27 Thermal Discharging
TLK067	392	'5551015_/_5551025_1'	3.33	3.33	3.33	3.33	0.09	0.3	3.33	1.23 No	0.09 Thermal Discharging
TLK067	393	'5554330_/_5554344'	10	10	10	10	0.27	10	10	3.69 No	0.27 Thermal Discharging
TLK067	394	'6442487_/_6442484'	10	10	10	10	0.27	2.3	10	3.69 No	0.27 Thermal Discharging
TLK067	395	'40973723_/_44104204'	3.33	3.33	3.33	3.33	0.09	0.3	3.33	1.23 No	0.09 Thermal Discharging
TLK067	396	'5550923_/_5550920'	3.33	3.33	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	397	'5547788_/_5554327'	10	10	10	10	0.27	10	10	3.69 No	0.27 Thermal Discharging
TLK067	398	'5554296_/_5554310'	10	10	10	10	0.27	10	10	3.69 No	0.27 Thermal Discharging
TLK067	399	'5550962_/_5551041'	10	10	10	10	0.27	1.4	10	3.69 No	0.27 Thermal Discharging
TLK067	400	'5548440_/_5548872'	3.33	3.33	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	401	'5554279_/_5554293'	10	10	10	10	0.27	10	10	3.69 No	0.27 Thermal Discharging
TLK067	402	'6442895_/_43915093'	3.33	3.33	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	403	'9342479_/_640727768'	3.33	3.33	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	404	'5554262_/_5554276'	10	10	10	10	0.27	10	10	3.69 No	0.27 Thermal Discharging
TLK067	405	'5561136_/_5561134'	3.33	3.33	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	406	'88079564_/_107685533_1'	10	10	10	10	0.27	1.4	10	3.69 No	0.27 Thermal Discharging
TLK067	407	'6442469_/_6442542'	10	10	10	10	0.27	2.3	10	3.69 No	0.27 Thermal Discharging
TLK067	408	'43736621_/_5547786'	3.33	3.33	3.33	3.33	0.09	1.5	3.33	1.23 No	0.09 Thermal Discharging
TLK067	409	'5547747_/_5554259'	10	10	10	10	0.27	10	10	3.69 No	0.27 Thermal Discharging
TLK067	410	'8400351_/_8400348_1'	3.33	3.33	3.33	3.33	0.09	0.3	3.33	1.23 No	0.09 Thermal Discharging
TLK067	411	'7451158_/_7451156_1'	10	10	10	10	0.27	1.4	10	3.69 No	0.27 Thermal Discharging
TLK067	412	'5547746_/_5547744'	3.33	3.33	3.33	3.33	0.09	0.1	3.33	1.23 No	0.09 Thermal Discharging
TLK067	413	'5546819_/_5554205'	10	10	10	10	0.27	10	10	3.69 No	0.27 Thermal Discharging
TLK067	414	'44974093_/_5534453'	3.33	3.33	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	415	'604587691_/_43736393_2'	3.33	3.33	3.33	3.33	0.09	1.5	3.33	1.23 No	0.09 Thermal Discharging
TLK067	416	'7450758_/_585892699'	3.33	3.33	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	417	'5548479_/_5548476'	3.33	3.33	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	418	'5546844_/_5554188'	10	10	10	10	0.27	10	10	3.69 No	0.27 Thermal Discharging
TLK067	419	'5547789_/_43736623'	3.33	3.33	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	420	'5546845_/_5546855_1'	3.33	3.33	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	421	'7137550_/_44063942'	3.33	3.33	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	422	'5546887_/_5554171'	10	10	10	10	0.27	10	10	3.69 No	0.27 Thermal Discharging
TLK067	423	'5548424_/_5548437'	3.33	3.33	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	424	'6439123_/_6442504'	6.67	6.67	6.67	6.67	0.18	1.53	6.67	2.46 No	0.18 Thermal Discharging
TLK067	425	'6438186_/_6442467'	10	10	10	10	0.27	2.3	10	3.69 No	0.27 Thermal Discharging
TLK067	426	'8085521_/_8400100'	3.33	3.33	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	427	'5546874_/_43736417_2'	3.33	3.33	3.33	3.33	0.09	1.5	3.33	1.23 No	0.09 Thermal Discharging
TLK067	428	'9384559_/_9696216_1'	3.33	3.33	3.33	3.33	0.09	0.3	3.33	1.23 No	0.09 Thermal Discharging
TLK067	429	'5546903_/_43736404'	10	10	10	10	0.27	10	10	3.69 No	0.27 Thermal Discharging
TLK067	430	'5551014_/_5551012'	3.33	3.33	3.33	3.33	0.09	0.3	3.33	1.23 No	0.09 Thermal Discharging
TLK067	431	'5547760_/_5547757'	3.33	3.33	3.33	3.33	0.09	0.1	3.33	1.23 No	0.09 Thermal Discharging
TLK067	432	'5554140_/_5554154'	10	10	10	10	0.27	10	10	3.69 No	0.27 Thermal Discharging
TLK067	433	'5546831_/_5546855_2'	3.33	3.33	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	434	'6439507_/_6439504_2'	3.33	3.33	3.33	3.33	0.09	0.77	3.33	1.23 No	0.09 Thermal Discharging
TLK067	435	'43734944_/_5550933'	3.33	3.33	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	436	'694464761_/_5546913_2'	3.33	3.33	3.33	3.33	0.09	1.5	3.33	1.23 No	0.09 Thermal Discharging
TLK067	437	'5550961_/_5550959'	10	10	10	10	0.27	1.4	10	3.69 No	0.27 Thermal Discharging
TLK067	438	'5546945_/_5554137'	10	10	10	10	0.27	10	10	3.69 No	0.27 Thermal Discharging
TLK067	439	'8041433_/_8041430'	3.33	3.33	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	440	'8041977_/_8041974'	3.33	3.33	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	441	'9342798_/_453208788'	3.33	3.33	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	442	'6438187_/_6438184'	10	10	10	10	0.27	2.3	10	3.69 No	0.27 Thermal Discharging
TLK067	443	'5546944_/_5548885_1'	3.33	3.33	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	444	'43738307_/_43738309'	3.33	3.33	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	445	'43736437_/_43736439'	10	10	10	10	0.27	10	10	3.69 No	0.27 Thermal Discharging
TLK067	446	'8422253_/_8742610_1'	3.33	3.33	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	447	'5546916_/_5546913_1'	3.33	3.33	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	448	'34548073_/_9696216_2'	3.33	3.33	3.33	3.33	0.09	0.3	3.33	1.23 No	0.09 Thermal Discharging
TLK067	449	'5554089_/_5554103'	10	10	10	10	0.27	10	10	3.69 No	0.27 Thermal Discharging
TLK067	450	'43736450_/_43736452'	10	10	10	10	0.27	10	10	3.69 No	0.27 Thermal Discharging
TLK067	451	'5546974_/_5554086'	10	10	10	10	0.27	10	10	3.69 No	0.27 Thermal Discharging
TLK067	452	'7718587_/_379208013'	3.33	3.33	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	453	'5548423_/_5548421'	3.33	3.33	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	454	'5546958_/_5546955_2'	3.33	3.33	3.33	3.33	0.09	1.5	3.33	1.23 No	0.09 Thermal Discharging
TLK067	455	'5548888_/_5548885_2'	3.33	3.33	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	456	'43736391_/_43736393_1'	3.33	3.33	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	457	'7451014_/_453208773'	3.33	3.33	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	458	'5556422_/_5556436'	10	10	10	10	0.27	10	10	3.69 No	0.27 Thermal Discharging
TLK067	459	'5547776_/_5547773'	3.33	3.33	3.33	3.33	0.09	0.1	3.33	1.23 No	0.09 Thermal Discharging
TLK067	460	'5556405_/_5556419'	10	10	10	10	0.27	10	10	3.69 No	0.27 Thermal Discharging
TLK067	461	'5559277_/_5559290_1'	3.33	3.33	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	462	'43737003_/_5548489'	3.33	3.33	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	463	'5558218_/_5558455'	10	10	10	10	0.27	10	10	3.69 No	0.27 Thermal Discharging
TLK067	464	'5554072_/_5556402'	10	10	10	10	0.27	10	10	3.69 No	0.27 Thermal Discharging
TLK067	465	'5546957_/_5546955_1'	3.33	3.33	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	466	'8400118_/_585892672'	3.33	3.33	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	467	'5546832_/_43736382'	3.33	3.33	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	468	'5550949_/_43734946'	3.33	3.33	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	469	'5554055_/_5554069'	10	10	10	10	0.27	10	10	3.69 No	0.27 Thermal Discharging
TLK067	470	'8041448_/_8041446'	3.33	3.33	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	471	'5546986_/_5546984_1'	10	10	10	10	0.27	2.3	10	3.69 No	0.27 Thermal Discharging
TLK067	472	'43736415_/_43736417_1'	3.33	3.33	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	473	'8711093_/_8711090'	3.33	3.33	3.33	3.33	0.09	0.3	3.33	1.23 No	0.09 Thermal Discharging
TLK067	474	'43738118_/_5559290_2'	3.33	3.33	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	475	'8041911_/_8041908'	3.33	3.33	3.33	3.33	0.09	0.47	3.33	1.23 No	0.09 Thermal Discharging
TLK067	476	'43915126_/_6442562'	10	10	10	10	0.27	2.3	10	3.69 No	0.27 Thermal Discharging
TLK067	477	'43917139_/_43917141'	10	10	10	10	0.27	1.4	10	3.69 No	0.27 Thermal Discharging
TLK067	478	'45370327_/_5561147'	3.33	3.33	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
											VSR (MW)	Limiting Threshold
TLK067	479	'43918186_/6439121'		3.33	3.33	3.33	0.09	0.77	3.33	1.23 No	0.09	Thermal Discharging
TLK067	480	'6438991_/6439504_1'		3.33	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09	Thermal Discharging
TLK067	481	'43736426_/5546929'		3.33	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09	Thermal Discharging
TLK067	482	'43736811_/5559620'		3.33	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09	Thermal Discharging
TLK067	483	'8085522_/8085519'		3.33	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09	Thermal Discharging
TLK067	484	'7451159_/7451156_2'		10	10	10	0.27	1.4	10	3.69 No	0.27	Thermal Discharging
TLK067	485	'5548901_/5548898'		3.33	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09	Thermal Discharging
TLK067	486	'5559293_/43738120'		3.33	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09	Thermal Discharging
TLK067	487	'43736474_/5546984_2'		10	10	10	0.27	2.3	10	3.69 No	0.27	Thermal Discharging
TLK067	488	'44775815_/5548502'		3.33	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09	Thermal Discharging
TLK067	489	'5546802_/5546800'		3.33	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09	Thermal Discharging
TLK067	490	'43737474_/5556175'		3.33	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09	Thermal Discharging
TLK067	491	'6442435_/6442579'		10	10	10	0.27	2.3	10	3.69 No	0.27	Thermal Discharging
TLK067	492	'43736463_/5556218'		3.33	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09	Thermal Discharging
TLK067	493	'9609655_/9609653'		3.33	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09	Thermal Discharging
TLK067	494	'8085538_/8400280'		10	10	10	0.27	1.4	10	3.69 No	0.27	Thermal Discharging
TLK067	495	'5546873_/5546871'		3.33	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09	Thermal Discharging
TLK067	496	'6439707_/6439721'		10	10	10	0.27	1.4	10	3.69 No	0.27	Thermal Discharging
TLK067	497	'8433553_/49212680'		3.33	3.33	3.33	0.09	0.3	3.33	1.23 No	0.09	Thermal Discharging
TLK067	498	'8085394_/585892708'		3.33	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09	Thermal Discharging
TLK067	499	'5546932_/43736428'		3.33	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09	Thermal Discharging
TLK067	500	'5534252_/5559607'		2.43	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09	Thermal Discharging
TLK067	501	'5556178_/43737476'		3.33	3.33	3.33	0.09	0.3	3.33	1.23 No	0.09	Thermal Discharging
TLK067	502	'8085601_/453208819'		3.33	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09	Thermal Discharging
TLK067	503	'6439097_/43918188'		3.33	3.33	3.33	0.09	0.77	3.33	1.23 No	0.09	Thermal Discharging
TLK067	504	'43917944_/6442433'		10	10	10	0.27	2.3	10	3.69 No	0.27	Thermal Discharging
TLK067	505	'5556221_/43736465'		3.33	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09	Thermal Discharging
TLK067	506	'43917178_/43917180'		3.33	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09	Thermal Discharging
TLK067	507	'43736369_/5548914'		3.33	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09	Thermal Discharging
TLK067	508	'7405198_/8983167'		3.33	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09	Thermal Discharging
TLK067	509	'8355824_/8355838'		3.33	3.33	3.33	0.09	0.3	3.33	1.23 No	0.09	Thermal Discharging
TLK067	510	'38996644_/379208024_1'		1.93	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09	Thermal Discharging
TLK067	511	'5547004_/43736476'		10	10	10	0.27	2.3	10	3.69 No	0.27	Thermal Discharging
TLK067	512	'6442453_/6442450'		10	10	10	0.27	2.3	10	3.69 No	0.27	Thermal Discharging
TLK067	513	'43917152_/6439704'		10	10	10	0.27	1.4	10	3.69 No	0.27	Thermal Discharging
TLK067	514	'8085537_/8085535'		3.33	3.33	3.33	0.09	0.47	3.33	1.23 No	0.09	Thermal Discharging
TLK067	515	'70250363_/6439095_1'		3.33	3.33	3.33	0.09	0.77	3.33	1.23 No	0.09	Thermal Discharging
TLK067	516	'6439058_/6439095_2'		3.33	3.33	3.33	0.09	0.77	3.33	1.23 No	0.09	Thermal Discharging
TLK067	517	'8433552_/8433550'		3.33	3.33	3.33	0.09	0.3	3.33	1.23 No	0.09	Thermal Discharging
TLK067	518	'7405199_/7405196'		3.33	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09	Thermal Discharging
TLK067	519	'8041734_/8355822'		3.33	3.33	3.33	0.09	0.3	3.33	1.23 No	0.09	Thermal Discharging
TLK067	520	'5534239_/5534249'		1.7	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09	Thermal Discharging
TLK067	521	'70250364_/43918177'		3.33	3.33	3.33	0.09	0.77	3.33	1.23 No	0.09	Thermal Discharging
TLK067	522	'6439003_/6439056'		3.33	3.33	3.33	0.09	0.77	3.33	1.23 No	0.09	Thermal Discharging
TLK067	523	'70250393_/8400460_1'		3.33	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09	Thermal Discharging
TLK067	524	'6442933_/6442951'		10	10	10	0.27	2.3	10	3.69 No	0.27	Thermal Discharging
TLK067	525	'5547024_/5547021'		10	10	10	0.27	2.3	10	3.69 No	0.27	Thermal Discharging
TLK067	526	'548125593_/548125403_2'		3.33	3.33	3.33	0.09	0.77	3.33	1.23 No	0.09	Thermal Discharging
TLK067	527	'706997027_/9342748_1'		3.33	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09	Thermal Discharging
TLK067	528	'506303807_/9342748_2'		3.33	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09	Thermal Discharging
TLK067	529	'5548917_/43736371'		3.33	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09	Thermal Discharging
TLK067	530	'617600147_/247588919_1'		3.33	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09	Thermal Discharging
TLK067	531	'6438977_/6438975'		3.33	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09	Thermal Discharging
TLK067	532	'8711372_/9342780'		3.33	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09	Thermal Discharging
TLK067	533	'43917165_/6440308'		10	10	10	0.27	1.4	10	3.69 No	0.27	Thermal Discharging
TLK067	534	'8041735_/8041732'		3.33	3.33	3.33	0.09	0.3	3.33	1.23 No	0.09	Thermal Discharging
TLK067	535	'7451046_/453208830'		3.33	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09	Thermal Discharging
TLK067	536	'8711373_/9342812_1'		0.37	2.9	3.33	0.09	0.5	3.33	1.23 No	0.09	Thermal Discharging
TLK067	537	'7451015_/437197932'		3.33	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09	Thermal Discharging
TLK067	538	'5547041_/5547038'		10	10	10	0.27	2.3	10	3.69 No	0.27	Thermal Discharging
TLK067	539	'5534226_/5534236'		1.43	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09	Thermal Discharging
TLK067	540	'5547075_/5547072_1'		3.33	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09	Thermal Discharging
TLK067	541	'43918162_/6439001'		3.33	3.33	3.33	0.09	0.77	3.33	1.23 No	0.09	Thermal Discharging
TLK067	542	'49201505_/6442931_1'		5	10	10	0.27	2.3	10	3.69 No	0.27	Thermal Discharging
TLK067	543	'6438294_/6442931_2'		5	10	10	0.27	2.3	10	3.69 No	0.27	Thermal Discharging
TLK067	544	'61697440_/8711138_2'		1.67	3.33	3.33	0.09	0.77	3.33	1.23 No	0.09	Thermal Discharging
TLK067	545	'506302996_/6438292_1'		1.67	3.33	3.33	0.09	0.5	3.33	1.23 No	0.09	Thermal Discharging
TLK067	546	'7450823_/64217256_1'		1.67	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09	Thermal Discharging
TLK067	547	'6439635_/6439633'		10	10	10	0.27	1.4	10	3.69 No	0.27	Thermal Discharging
TLK067	548	'8400463_/8400460_2'		3.33	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09	Thermal Discharging
TLK067	549	'6439030_/43918164'		3.33	3.33	3.33	0.09	0.77	3.33	1.23 No	0.09	Thermal Discharging
TLK067	550	'6439562_/6439572'		1.7	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09	Thermal Discharging
TLK067	551	'9342751_/506303829'		1.53	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09	Thermal Discharging
TLK067	552	'8355603_/247588919_2'		3.33	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09	Thermal Discharging
TLK067	553	'6418475_/6438292_2'		1.67	3.33	3.33	0.09	0.5	3.33	1.23 No	0.09	Thermal Discharging
TLK067	554	'43736800_/5534223'		1.23	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09	Thermal Discharging
TLK067	555	'5547058_/5547055'		10	10	10	0.27	2.3	10	3.69 No	0.27	Thermal Discharging
TLK067	556	'6439046_/6439043'		3.33	3.33	3.33	0.09	0.77	3.33	1.23 No	0.09	Thermal Discharging
TLK067	557	'6444380_/7109652'		5.4	10	10	0.27	1.4	10	3.69 No	0.27	Thermal Discharging
TLK067	558	'43736487_/5547072_2'		3.33	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09	Thermal Discharging
TLK067	559	'7451047_/453208841'		3.33	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09	Thermal Discharging
TLK067	560	'7764108_/9657345'		1.67	3.33	3.33	0.09	0.47	3.33	1.23 No	0.09	Thermal Discharging
TLK067	561	'5547146_/5547156_2'		3.33	3.33	3.33	0.09	0.77	3.33	1.23 No	0.09	Thermal Discharging
TLK067	562	'37920936_/9298508'		3.33	3.33	3.33	0.09	0.3	3.33	1.23 No	0.09	Thermal Discharging
TLK067	563	'37920943_/37920940'		3.33	3.33	3.33	0.09	0.3	3.33	1.23 No	0.09	Thermal Discharging
TLK067	564	'353422847_/37920954'		3.33	3.33	3.33	0.09	0.3	3.33	1.23 No	0.09	Thermal Discharging
TLK067	565	'37920978_/37920982'		3.33	3.33	3.33	0.09	0.3	3.33	1.23 No	0.09	Thermal Discharging
TLK067	566	'37920964_/37920968'		3.33	3.33	3.33	0.09	0.3	3.33	1.23 No	0.09	Thermal Discharging
TLK067	567	'9029922_/437197955'		3.33	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09	Thermal Discharging
TLK067	568	'43917305_/6439617'		1.4	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09	Thermal Discharging
TLK067	569	'5547145_/5547156_1'		3.33	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09	Thermal Discharging
TLK067	570	'8085314_/64217256_2'		1.33	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09	Thermal Discharging
TLK067	571	'7764332_/548125403_1'		1.3	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09	Thermal Discharging
TLK067	572	'6439549_/6439559'</										

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TLK067	573	'5534199_/_5534210'		1.13	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	574	'6444368_/_6444378'		4.3	10	10	0.27	1.4	10	3.69 No	0.27 Thermal Discharging
TLK067	575	'8711125_/_8711138_1'		1.23	3.33	3.33	0.09	0.3	3.33	1.23 No	0.09 Thermal Discharging
TLK067	576	'5534200_/_5534197'		1.1	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	577	'6444401_/_7109672_1'		4.1	10	10	0.27	0.9	10	3.69 No	0.27 Thermal Discharging
TLK067	578	'453209589_/_453208852'		3.33	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	579	'37975420_/_453209586'		3.33	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	580	'453209613_/_453209610'		3.33	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	581	'453209597_/_453209594'		3.33	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	582	'453209605_/_453209602'		3.33	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	583	'5547227_/_5547224'		10	10	10	0.27	2.3	10	3.69 No	0.27 Thermal Discharging
TLK067	584	'67372876_/_6444365_2'		1.43	3.33	3.33	0.09	0.47	3.33	1.23 No	0.09 Thermal Discharging
TLK067	585	'617600223_/_5547345_1'		3.33	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	586	'5547104_/_43736489'		3.33	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	587	'7387493_/_7387490'		3.33	3.33	3.33	0.09	0.3	3.33	1.23 No	0.09 Thermal Discharging
TLK067	588	'43736509_/_5547169'		3.33	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	589	'8982627_/_247588930'		3.33	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	590	'5547348_/_5547345_2'		3.33	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	591	'511652733_/_511652688'		1.17	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	592	'43917189_/_6439546'		1.17	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	593	'9342494_/_9657165'		1.1	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	594	'5547244_/_5547241'		10	10	10	0.27	2.3	10	3.69 No	0.27 Thermal Discharging
TLK067	595	'8085346_/_8711122'		1.07	3.33	3.33	0.09	0.3	3.33	1.23 No	0.09 Thermal Discharging
TLK067	596	'6439588_/_6439585'		1.1	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	597	'6439652_/_7109672_2'		3.4	10	10	0.27	0.9	10	3.69 No	0.27 Thermal Discharging
TLK067	598	'6418476_/_6418473'		1.23	3.33	3.33	0.09	0.5	3.33	1.23 No	0.09 Thermal Discharging
TLK067	599	'6444354_/_6444365_1'		1.5	3.33	3.33	0.09	0.3	3.33	1.23 No	0.09 Thermal Discharging
TLK067	600	'6439620_/_43917307'		1.07	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	601	'5558830_/_5558827'		3.33	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	602	'8400398_/_453209249'		1.87	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	603	'5547185_/_43736511'		3.33	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	604	'6439520_/_6439533'		1.03	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	605	'7764107_/_7764105'		1.17	3.33	3.33	0.09	0.47	3.33	1.23 No	0.09 Thermal Discharging
TLK067	606	'43736531_/_5547361'		3.33	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	607	'5547261_/_5547258'		10	10	10	0.27	2.3	10	3.69 No	0.27 Thermal Discharging
TLK067	608	'9029938_/_453208888'		1.77	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	609	'7764379_/_453208873'		1.77	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	610	'43917211_/_6439650'		3	10	10	0.27	0.9	10	3.69 No	0.27 Thermal Discharging
TLK067	611	'8085329_/_9342492'		0.93	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	612	'6444341_/_6444352'		1.27	3.33	3.33	0.09	0.3	3.33	1.23 No	0.09 Thermal Discharging
TLK067	613	'5558843_/_5558840'		3.33	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	614	'6439519_/_6439517'		0.97	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	615	'43917200_/_6439601'		0.93	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	616	'5547278_/_5547275'		10	10	10	0.27	2.3	10	3.69 No	0.27 Thermal Discharging
TLK067	617	'5547198_/_5547195'		3.33	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	618	'8982644_/_247588941'		3.33	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	619	'5547499_/_5547510_1'		3.33	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	620	'5547377_/_5547374'		3.33	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	621	'8085330_/_8085327'		0.87	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	622	'9609832_/_9609829'		1.27	3.33	3.33	0.09	0.3	3.33	1.23 No	0.09 Thermal Discharging
TLK067	623	'8400382_/_548125412'		0.9	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	624	'8085361_/_8085359_1'		0.8	3.33	3.33	0.09	0.3	3.33	1.23 No	0.09 Thermal Discharging
TLK067	625	'5547513_/_5547510_2'		3.33	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	626	'6439672_/_43917213'		2.7	10	10	0.27	0.9	10	3.69 No	0.27 Thermal Discharging
TLK067	627	'43918412_/_6444339'		1.17	3.33	3.33	0.09	0.3	3.33	1.23 No	0.09 Thermal Discharging
TLK067	628	'6445113_/_6445111'		1.17	3.33	3.33	0.09	0.3	3.33	1.23 No	0.09 Thermal Discharging
TLK067	629	'8085345_/_8085343'		0.83	3.33	3.33	0.09	0.3	3.33	1.23 No	0.09 Thermal Discharging
TLK067	630	'43736498_/_5558853'		3.33	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	631	'5547295_/_5547292'		10	10	10	0.27	2.3	10	3.69 No	0.27 Thermal Discharging
TLK067	632	'7450806_/_659319940'		0.83	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	633	'43915139_/_6418489'		0.97	3.33	3.33	0.09	0.5	3.33	1.23 No	0.09 Thermal Discharging
TLK067	634	'5547390_/_5547387'		3.33	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	635	'43736520_/_5547211'		3.33	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	636	'7451062_/_396427056'		1.23	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	637	'6439673_/_6439670'		2.5	10	10	0.27	0.9	10	3.69 No	0.27 Thermal Discharging
TLK067	638	'450798382_/_450798407'		0.8	3.33	3.33	0.09	0.3	3.33	1.23 No	0.09 Thermal Discharging
TLK067	639	'7764347_/_453208903'		1.2	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	640	'453209479_/_453209142'		1.2	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	641	'7450807_/_575570028'		0.8	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	642	'6444329_/_6444326'		1.07	3.33	3.33	0.09	0.3	3.33	1.23 No	0.09 Thermal Discharging
TLK067	643	'5547117_/_43736500'		3.33	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	644	'43736553_/_5547526'		3.33	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	645	'5547415_/_5547653'		10	10	10	0.27	2.3	10	3.69 No	0.27 Thermal Discharging
TLK067	646	'43917920_/_43917922'		0.8	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	647	'5547315_/_5547312'		10	10	10	0.27	2.3	10	3.69 No	0.27 Thermal Discharging
TLK067	648	'44063812_/_43917202'		0.8	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	649	'374755941_/_43736599'		10	10	10	0.27	2.3	10	3.69 No	0.27 Thermal Discharging
TLK067	650	'5547403_/_5547400'		3.33	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	651	'367723349_/_263953587_1'		10	10	10	0.27	1.5	10	3.69 No	0.27 Thermal Discharging
TLK067	652	'617600293_/_5548927_1'		10	10	10	0.27	1.4	10	3.69 No	0.27 Thermal Discharging
TLK067	653	'6418505_/_6418502'		0.87	3.33	3.33	0.09	0.5	3.33	1.23 No	0.09 Thermal Discharging
TLK067	654	'5547416_/_5547413'		3.33	3.33	3.33	0.09	0.77	3.33	1.23 No	0.09 Thermal Discharging
TLK067	655	'5547133_/_5547130'		3.33	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	656	'7450743_/_8400492_1'		0.9	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	657	'5547214_/_43736522'		3.33	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	658	'6442365_/_6442362'		2.3	10	10	0.27	0.9	10	3.69 No	0.27 Thermal Discharging
TLK067	659	'43736667_/_5548967'		3.33	3.33	3.33	0.09	0.77	3.33	1.23 No	0.09 Thermal Discharging
TLK067	660	'5547542_/_5547539'		3.33	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	661	'5547966_/_5547977_1'		3.33	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	662	'6444649_/_6444647'		0.93	3.33	3.33	0.09	0.3	3.33	1.23 No	0.09 Thermal Discharging
TLK067	663	'5547429_/_5547426'		1.63	3.33	3.33	0.09	0.77	3.33	1.23 No	0.09 Thermal Discharging
TLK067	664	'5547834_/_5547831'		3.33	3.33	3.33	0.09	0.77	3.33	1.23 No	0.09 Thermal Discharging
TLK067	665	'610197271_/_6444634_1'		0.93	3.33	3.33	0.09	0.1	3.33	1.23 No	0.09 Thermal Discharging
TLK067	666	'43917931_/_6442379'		2.1	10	10	0.27	0.9	10	3.69 No	0.27 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TLK067	667	'5547672_/_5548927_2'		3.8	10	10	0.27	1.4	10	3.69 No	0.27 Thermal Discharging
TLK067	668	'6442399_/_6442396'		2.1	10	10	0.27	0.9	10	3.69 No	0.27 Thermal Discharging
TLK067	669	'6444637_/_6444634_2'		0.9	3.33	3.33	0.09	0.1	3.33	1.23 No	0.09 Thermal Discharging
TLK067	670	'43915150_/_6418515'		0.8	3.33	3.33	0.09	0.5	3.33	1.23 No	0.09 Thermal Discharging
TLK067	671	'5547980_/_5547977_2'		1.7	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	672	'5547555_/_5547552'		1.4	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	673	'6418518_/_7450772_2'		0.8	3.33	3.33	0.09	0.5	3.33	1.23 No	0.09 Thermal Discharging
TLK067	674	'43918445_/_6444929'		0.87	3.33	3.33	0.09	0.3	3.33	1.23 No	0.09 Thermal Discharging
TLK067	675	'5547457_/_5547670'		3.3	10	10	0.27	1.4	10	3.69 No	0.27 Thermal Discharging
TLK067	676	'43736656_/_5547844'		1.6	3.33	3.33	0.09	0.77	3.33	1.23 No	0.09 Thermal Discharging
TLK067	677	'6442351_/_6442349'		0.7	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	678	'5547445_/_5547442'		1.27	3.33	3.33	0.09	0.77	3.33	1.23 No	0.09 Thermal Discharging
TLK067	679	'44063824_/_44063814'		0.7	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	680	'8400383_/_548125394'		0.67	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	681	'5547847_/_5547860_1'		1.53	3.33	3.33	0.09	0.5	3.33	1.23 No	0.09 Thermal Discharging
TLK067	682	'5547458_/_5547455'		1.1	3.33	3.33	0.09	0.47	3.33	1.23 No	0.09 Thermal Discharging
TLK067	683	'7450854_/_9657213'		0.67	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	684	'43917224_/_6442416'		1.9	10	10	0.27	0.9	10	3.69 No	0.27 Thermal Discharging
TLK067	685	'5547993_/_5547990'		1.4	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	686	'5547568_/_5547565'		1.17	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	687	'6444840_/_6444945'		0.83	3.33	3.33	0.09	0.3	3.33	1.23 No	0.09 Thermal Discharging
TLK067	688	'8400495_/_8400492_2'		0.77	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	689	'5547690_/_5547687'		2.9	10	10	0.27	1.4	10	3.69 No	0.27 Thermal Discharging
TLK067	690	'37920852_/_263953587_2'		3	10	10	0.27	1.5	10	3.69 No	0.27 Thermal Discharging
TLK067	691	'37920837_/_37920856'		3	10	10	0.27	1.5	10	3.69 No	0.27 Thermal Discharging
TLK067	692	'37920865_/_37920863'		3	10	10	0.27	1.5	10	3.69 No	0.27 Thermal Discharging
TLK067	693	'404469705_/_404469702'		3	10	10	0.27	1.5	10	3.69 No	0.27 Thermal Discharging
TLK067	694	'37920838_/_37920835'		1	3.33	3.33	0.09	0.5	3.33	1.23 No	0.09 Thermal Discharging
TLK067	695	'7451030_/_396427014'		0.87	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	696	'5547471_/_5547468'		1.07	3.33	3.33	0.09	0.47	3.33	1.23 No	0.09 Thermal Discharging
TLK067	697	'5547863_/_5547860_2'		1.3	3.33	3.33	0.09	0.5	3.33	1.23 No	0.09 Thermal Discharging
TLK067	698	'6444961_/_6444971_1'		0.8	3.33	3.33	0.09	0.1	3.33	1.23 No	0.09 Thermal Discharging
TLK067	699	'282600180_/_5548003_2'		1.3	3.33	3.33	0.09	0.5	3.33	1.23 No	0.09 Thermal Discharging
TLK067	700	'7451031_/_453209116'		0.83	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	701	'6442419_/_43917226'		1.8	10	10	0.27	0.5	10	3.69 No	0.27 Thermal Discharging
TLK067	702	'8041786_/_8041784'		1	3.33	3.33	0.09	0.5	3.33	1.23 No	0.09 Thermal Discharging
TLK067	703	'7450775_/_7450772_1'		0.7	3.33	3.33	0.09	0.5	3.33	1.23 No	0.09 Thermal Discharging
TLK067	704	'5558817_/_43736566'		1.03	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	705	'6444773_/_6444971_2'		0.77	3.33	3.33	0.09	0.1	3.33	1.23 No	0.09 Thermal Discharging
TLK067	706	'5548005_/_5548003_1'		1.17	3.33	3.33	0.09	0.3	3.33	1.23 No	0.09 Thermal Discharging
TLK067	707	'7451063_/_396427035'		0.8	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	708	'5547484_/_5547481'		0.97	3.33	3.33	0.09	0.47	3.33	1.23 No	0.09 Thermal Discharging
TLK067	709	'5547580_/_5548947'		2.6	10	10	0.27	1.4	10	3.69 No	0.27 Thermal Discharging
TLK067	710	'7137147_/_44063826'		0.63	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	711	'9657328_/_9657325'		1.8	10	10	0.27	0.5	10	3.69 No	0.27 Thermal Discharging
TLK067	712	'5547581_/_5547591_1'		0.87	3.33	3.33	0.09	0.3	3.33	1.23 No	0.09 Thermal Discharging
TLK067	713	'5547876_/_5547873'		1.13	3.33	3.33	0.09	0.5	3.33	1.23 No	0.09 Thermal Discharging
TLK067	714	'6444785_/_6444838'		0.77	3.33	3.33	0.09	0.3	3.33	1.23 No	0.09 Thermal Discharging
TLK067	715	'9030065_/_9657505'		0.67	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	716	'37920880_/_8355922'		0.93	3.33	3.33	0.09	0.5	3.33	1.23 No	0.09 Thermal Discharging
TLK067	717	'37920887_/_37920884'		0.93	3.33	3.33	0.09	0.5	3.33	1.23 No	0.09 Thermal Discharging
TLK067	718	'37920894_/_37920898'		0.93	3.33	3.33	0.09	0.5	3.33	1.23 No	0.09 Thermal Discharging
TLK067	719	'37920908_/_37920912'		0.93	3.33	3.33	0.09	0.5	3.33	1.23 No	0.09 Thermal Discharging
TLK067	720	'37920922_/_37920926'		0.93	3.33	3.33	0.09	0.5	3.33	1.23 No	0.09 Thermal Discharging
TLK067	721	'43918595_/_6444770'		0.73	3.33	3.33	0.09	0.1	3.33	1.23 No	0.09 Thermal Discharging
TLK067	722	'43736586_/_5547591_2'		0.87	3.33	3.33	0.09	0.3	3.33	1.23 No	0.09 Thermal Discharging
TLK067	723	'6444786_/_6444783'		0.73	3.33	3.33	0.09	0.3	3.33	1.23 No	0.09 Thermal Discharging
TLK067	724	'453209471_/_453209127'		0.77	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	725	'37975434_/_453209468'		0.77	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	726	'5548019_/_5548029'		1.03	3.33	3.33	0.09	0.3	3.33	1.23 No	0.09 Thermal Discharging
TLK067	727	'43918532_/_6444851'		0.7	3.33	3.33	0.09	0.3	3.33	1.23 No	0.09 Thermal Discharging
TLK067	728	'5547707_/_5547704'		2.3	10	10	0.27	1.4	10	3.69 No	0.27 Thermal Discharging
TLK067	729	'7718539_/_8041800'		0.87	3.33	3.33	0.09	0.5	3.33	1.23 No	0.09 Thermal Discharging
TLK067	730	'5547889_/_5547886'		1	3.33	3.33	0.09	0.5	3.33	1.23 No	0.09 Thermal Discharging
TLK067	731	'5548018_/_5548016'		1	3.33	3.33	0.09	0.3	3.33	1.23 No	0.09 Thermal Discharging
TLK067	732	'282600206_/_5548097_2'		1	3.33	3.33	0.09	0.5	3.33	1.23 No	0.09 Thermal Discharging
TLK067	733	'5547594_/_43736588'		0.83	3.33	3.33	0.09	0.3	3.33	1.23 No	0.09 Thermal Discharging
TLK067	734	'7450791_/_7450788'		0.63	3.33	3.33	0.09	0.5	3.33	1.23 No	0.09 Thermal Discharging
TLK067	735	'6444747_/_6444757'		0.7	3.33	3.33	0.09	0.1	3.33	1.23 No	0.09 Thermal Discharging
TLK067	736	'6444799_/_6444796'		0.7	3.33	3.33	0.09	0.3	3.33	1.23 No	0.09 Thermal Discharging
TLK067	737	'9030066_/_9030063'		0.63	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	738	'5547606_/_5547604'		0.8	3.33	3.33	0.09	0.3	3.33	1.23 No	0.09 Thermal Discharging
TLK067	739	'5548087_/_5548097_1'		0.93	3.33	3.33	0.09	0.3	3.33	1.23 No	0.09 Thermal Discharging
TLK067	740	'5547902_/_5547899'		0.93	3.33	3.33	0.09	0.5	3.33	1.23 No	0.09 Thermal Discharging
TLK067	741	'8983058_/_348077785'		2.2	10	10	0.27	1.5	10	3.69 No	0.27 Thermal Discharging
TLK067	742	'453209487_/_453209157'		0.7	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	743	'453209495_/_453209492'		0.7	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	744	'5553244_/_5553241'		2.1	10	10	0.27	1.4	10	3.69 No	0.27 Thermal Discharging
TLK067	745	'6444867_/_43918534'		0.67	3.33	3.33	0.09	0.3	3.33	1.23 No	0.09 Thermal Discharging
TLK067	746	'43918822_/_6444809'		0.67	3.33	3.33	0.09	0.3	3.33	1.23 No	0.09 Thermal Discharging
TLK067	747	'43736982_/_5559728'		2.1	10	10	0.27	1.4	10	3.69 No	0.27 Thermal Discharging
TLK067	748	'5547620_/_5547617'		0.77	3.33	3.33	0.09	0.3	3.33	1.23 No	0.09 Thermal Discharging
TLK067	749	'6444611_/_6444744'		0.63	3.33	3.33	0.09	0.1	3.33	1.23 No	0.09 Thermal Discharging
TLK067	750	'8711585_/_548125385'		0.53	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging
TLK067	751	'45090388_/_6444825'		0.67	3.33	3.33	0.09	0.3	3.33	1.23 No	0.09 Thermal Discharging
TLK067	752	'43736678_/_5548084'		0.87	3.33	3.33	0.09	0.3	3.33	1.23 No	0.09 Thermal Discharging
TLK067	753	'7718538_/_263953613'		0.77	3.33	3.33	0.09	0.5	3.33	1.23 No	0.09 Thermal Discharging
TLK067	754	'5547915_/_5547912'		0.87	3.33	3.33	0.09	0.5	3.33	1.23 No	0.09 Thermal Discharging
TLK067	755	'6444436_/_6444877'		0.63	3.33	3.33	0.09	0.3	3.33	1.23 No	0.09 Thermal Discharging
TLK067	756	'84000366_/_9657181'		0.57	3.33	3.33	0.09	0.5	3.33	1.23 No	0.09 Thermal Discharging
TLK067	757	'70250443_/_5561381'		1.9	10	10	0.27	1.4	10	3.69 No	0.27 Thermal Discharging
TLK067	758	'43918434_/_6444608'		0.63	3.33	3.33	0.09	0.1	3.33	1.23 No	0.09 Thermal Discharging
TLK067	759	'5559814_/_43736984'		1.9	10	10	0.27	1.4	10	3.69 No	0.27 Thermal Discharging
TLK067	760	'7451079_/_453209172_1'		0.63	3.33	3.33	0.09	0.4	3.33	1.23 No	0.09 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TLK067	761	'5547928_/_5547925'		0.83	3.33	3.33	0.09	0.5	3.33	1.23	No 0.09 Thermal Discharging
TLK067	762	'282600232_/_5548181_2'		0.83	3.33	3.33	0.09	0.5	3.33	1.23	No 0.09 Thermal Discharging
TLK067	763	'8663221_/_8663219_1'		1.9	10	10	0.27	0.9	10	3.69	No 0.27 Thermal Discharging
TLK067	764	'7764411_/_453209172_2'		0.63	3.33	3.33	0.09	0.4	3.33	1.23	No 0.09 Thermal Discharging
TLK067	765	'5561404_/_5561401'		0.63	3.33	3.33	0.09	0.47	3.33	1.23	No 0.09 Thermal Discharging
TLK067	766	'7450855_/_7450852'		0.5	3.33	3.33	0.09	0.4	3.33	1.23	No 0.09 Thermal Discharging
TLK067	767	'5548061_/_5548071'		0.8	3.33	3.33	0.09	0.3	3.33	1.23	No 0.09 Thermal Discharging
TLK067	768	'6444623_/_6444621'		0.6	3.33	3.33	0.09	0.1	3.33	1.23	No 0.09 Thermal Discharging
TLK067	769	'6444437_/_6444434'		0.6	3.33	3.33	0.09	0.3	3.33	1.23	No 0.09 Thermal Discharging
TLK067	770	'8085841_/_9657631'		0.57	3.33	3.33	0.09	0.4	3.33	1.23	No 0.09 Thermal Discharging
TLK067	771	'5548168_/_5548181_1'		0.77	3.33	3.33	0.09	0.3	3.33	1.23	No 0.09 Thermal Discharging
TLK067	772	'8663222_/_8663219_2'		1.8	10	10	0.27	0.9	10	3.69	No 0.27 Thermal Discharging
TLK067	773	'5548048_/_5548058'		0.77	3.33	3.33	0.09	0.3	3.33	1.23	No 0.09 Thermal Discharging
TLK067	774	'578445081_/_6444418_1'		0.6	3.33	3.33	0.09	0.1	3.33	1.23	No 0.09 Thermal Discharging
TLK067	775	'451333891_/_9342924_1'		0.43	3.33	3.33	0.09	0.4	3.33	1.23	No 0.09 Thermal Discharging
TLK067	776	'6444718_/_6445984'		0.57	3.33	3.33	0.09	0.1	3.33	1.23	No 0.09 Thermal Discharging
TLK067	777	'5547941_/_5547938'		0.73	3.33	3.33	0.09	0.5	3.33	1.23	No 0.09 Thermal Discharging
TLK067	778	'43736689_/_5548165'		0.73	3.33	3.33	0.09	0.3	3.33	1.23	No 0.09 Thermal Discharging
TLK067	779	'6444449_/_6444476'		0.57	3.33	3.33	0.09	0.3	3.33	1.23	No 0.09 Thermal Discharging
TLK067	780	'5548047_/_5548045'		0.73	3.33	3.33	0.09	0.3	3.33	1.23	No 0.09 Thermal Discharging
TLK067	781	'6444717_/_6444715'		0.57	3.33	3.33	0.09	0.1	3.33	1.23	No 0.09 Thermal Discharging
TLK067	782	'5534080_/_5547951'		0.7	3.33	3.33	0.09	0.5	3.33	1.23	No 0.09 Thermal Discharging
TLK067	783	'6444705_/_6445958'		0.57	3.33	3.33	0.09	0.1	3.33	1.23	No 0.09 Thermal Discharging
TLK067	784	'6444450_/_6444447'		0.53	3.33	3.33	0.09	0.3	3.33	1.23	No 0.09 Thermal Discharging
TLK067	785	'60095983_/_5534106_1'		0.7	3.33	3.33	0.09	0.4	3.33	1.23	No 0.09 Thermal Discharging
TLK067	786	'8400367_/_8400364'		0.5	3.33	3.33	0.09	0.5	3.33	1.23	No 0.09 Thermal Discharging
TLK067	787	'7764155_/_8085839'		0.5	3.33	3.33	0.09	0.4	3.33	1.23	No 0.09 Thermal Discharging
TLK067	788	'6444734_/_43918425'		0.53	3.33	3.33	0.09	0.1	3.33	1.23	No 0.09 Thermal Discharging
TLK067	789	'7764139_/_9029743'		0.43	3.33	3.33	0.09	0.4	3.33	1.23	No 0.09 Thermal Discharging
TLK067	790	'5548142_/_5548152'		0.7	3.33	3.33	0.09	0.3	3.33	1.23	No 0.09 Thermal Discharging
TLK067	791	'6444289_/_6444489'		0.53	3.33	3.33	0.09	0.3	3.33	1.23	No 0.09 Thermal Discharging
TLK067	792	'5534067_/_5534077'		0.67	3.33	3.33	0.09	0.5	3.33	1.23	No 0.09 Thermal Discharging
TLK067	793	'6444692_/_6444702'		0.53	3.33	3.33	0.09	0.1	3.33	1.23	No 0.09 Thermal Discharging
TLK067	794	'6444466_/_6444463'		0.53	3.33	3.33	0.09	0.3	3.33	1.23	No 0.09 Thermal Discharging
TLK067	795	'6444421_/_6444418_2'		0.53	3.33	3.33	0.09	0.1	3.33	1.23	No 0.09 Thermal Discharging
TLK067	796	'43736766_/_5534106_2'		0.67	3.33	3.33	0.09	0.4	3.33	1.23	No 0.09 Thermal Discharging
TLK067	797	'7764156_/_7764153'		0.5	3.33	3.33	0.09	0.4	3.33	1.23	No 0.09 Thermal Discharging
TLK067	798	'7387347_/_66820629'		0.6	3.33	3.33	0.09	0.5	3.33	1.23	No 0.09 Thermal Discharging
TLK067	799	'5548129_/_5548139'		0.63	3.33	3.33	0.09	0.3	3.33	1.23	No 0.09 Thermal Discharging
TLK067	800	'6444691_/_6444689'		0.53	3.33	3.33	0.09	0.1	3.33	1.23	No 0.09 Thermal Discharging
TLK067	801	'43736722_/_5534064'		0.63	3.33	3.33	0.09	0.5	3.33	1.23	No 0.09 Thermal Discharging
TLK067	802	'6444524_/_6444521'		0.5	3.33	3.33	0.09	0.1	3.33	1.23	No 0.09 Thermal Discharging
TLK067	803	'6444260_/_6444287'		0.5	3.33	3.33	0.09	0.3	3.33	1.23	No 0.09 Thermal Discharging
TLK067	804	'5534122_/_43736768'		0.63	3.33	3.33	0.09	0.4	3.33	1.23	No 0.09 Thermal Discharging
TLK067	805	'6444244_/_6444242_1'		0.5	3.33	3.33	0.09	0.1	3.33	1.23	No 0.09 Thermal Discharging
TLK067	806	'43918717_/_6445674'		0.5	3.33	3.33	0.09	0.1	3.33	1.23	No 0.09 Thermal Discharging
TLK067	807	'5534038_/_5534048'		0.63	3.33	3.33	0.09	0.5	3.33	1.23	No 0.09 Thermal Discharging
TLK067	808	'6444231_/_6444258'		0.5	3.33	3.33	0.09	0.3	3.33	1.23	No 0.09 Thermal Discharging
TLK067	809	'5534135_/_5534132'		0.63	3.33	3.33	0.09	0.4	3.33	1.23	No 0.09 Thermal Discharging
TLK067	810	'43736700_/_5548126'		0.6	3.33	3.33	0.09	0.3	3.33	1.23	No 0.09 Thermal Discharging
TLK067	811	'6444245_/_6444242_2'		0.5	3.33	3.33	0.09	0.1	3.33	1.23	No 0.09 Thermal Discharging
TLK067	812	'43918716_/_6445661'		0.5	3.33	3.33	0.09	0.1	3.33	1.23	No 0.09 Thermal Discharging
TLK067	813	'5534025_/_5534035'		0.6	3.33	3.33	0.09	0.5	3.33	1.23	No 0.09 Thermal Discharging
TLK067	814	'6444232_/_6444229'		0.5	3.33	3.33	0.09	0.3	3.33	1.23	No 0.09 Thermal Discharging
TLK067	815	'5534148_/_5534145'		0.6	3.33	3.33	0.09	0.4	3.33	1.23	No 0.09 Thermal Discharging
TLK067	816	'6444507_/_6444505'		0.5	3.33	3.33	0.09	0.3	3.33	1.23	No 0.09 Thermal Discharging
TLK067	817	'6445703_/_6445700'		0.5	3.33	3.33	0.09	0.3	3.33	1.23	No 0.09 Thermal Discharging
TLK067	818	'5534161_/_5534158'		0.6	3.33	3.33	0.09	0.4	3.33	1.23	No 0.09 Thermal Discharging
TLK067	819	'43736733_/_5534022'		0.6	3.33	3.33	0.09	0.5	3.33	1.23	No 0.09 Thermal Discharging
TLK067	820	'5548115_/_43736713'		0.57	3.33	3.33	0.09	0.3	3.33	1.23	No 0.09 Thermal Discharging
TLK067	821	'6444277_/_6444274'		0.47	3.33	3.33	0.09	0.1	3.33	1.23	No 0.09 Thermal Discharging
TLK067	822	'7764123_/_9029871'		0.43	3.33	3.33	0.09	0.5	3.33	1.23	No 0.09 Thermal Discharging
TLK067	823	'7764655_/_9342556'		0.43	3.33	3.33	0.09	0.4	3.33	1.23	No 0.09 Thermal Discharging
TLK067	824	'7387346_/_367871030'		0.5	3.33	3.33	0.09	0.5	3.33	1.23	No 0.09 Thermal Discharging
TLK067	825	'43736777_/_5534171'		0.57	3.33	3.33	0.09	0.4	3.33	1.23	No 0.09 Thermal Discharging
TLK067	826	'5533999_/_5534009'		0.57	3.33	3.33	0.09	0.5	3.33	1.23	No 0.09 Thermal Discharging
TLK067	827	'43917237_/_7109639'		0.47	3.33	3.33	0.09	0.3	3.33	1.23	No 0.09 Thermal Discharging
TLK067	828	'6444316_/_6444313'		0.47	3.33	3.33	0.09	0.1	3.33	1.23	No 0.09 Thermal Discharging
TLK067	829	'43918728_/_6445713'		0.47	3.33	3.33	0.09	0.3	3.33	1.23	No 0.09 Thermal Discharging
TLK067	830	'5533998_/_5533996'		0.57	3.33	3.33	0.09	0.5	3.33	1.23	No 0.09 Thermal Discharging
TLK067	831	'43918401_/_43918730'		0.43	3.33	3.33	0.09	0.3	3.33	1.23	No 0.09 Thermal Discharging
TLK067	832	'43736744_/_43736746'		0.53	3.33	3.33	0.09	0.5	3.31	1.23	No 0.09 Thermal Discharging
TLK067	833	'43736789_/_43736779'		0.53	3.33	3.33	0.09	0.4	3.31	1.23	No 0.09 Thermal Discharging
TLK067	834	'7764124_/_7764121'		0.4	3.33	3.33	0.09	0.5	3.33	1.23	No 0.09 Thermal Discharging
TLK067	835	'43736755_/_43736757'		0.53	3.33	3.33	0.09	0.5	3.28	1.23	No 0.09 Thermal Discharging
TLK067	836	'7109642_/_43917239'		0.43	3.33	3.33	0.09	0.3	3.33	1.23	No 0.09 Thermal Discharging
TLK067	837	'5548196_/_5548194'		0.53	3.33	3.33	0.09	0.5	3.24	1.23	No 0.09 Thermal Discharging
TLK067	838	'5559788_/_5559785'		0.5	3.33	3.33	0.09	0.4	3.25	1.23	No 0.09 Thermal Discharging
TLK067	839	'6444556_/_6444553'		0.43	3.33	3.33	0.09	0.3	3.31	1.23	No 0.09 Thermal Discharging
TLK067	840	'5559801_/_5559798'		0.5	3.33	3.33	0.09	0.4	3.21	1.23	No 0.09 Thermal Discharging
TLK067	841	'8400135_/_8400132'		0.37	3.33	3.33	0.09	0.5	3.26	1.23	No 0.09 Thermal Discharging
TLK067	842	'426470019_/_7764653'		0.4	3.33	3.33	0.09	0.4	3.26	1.23	No 0.09 Thermal Discharging
TLK067	843	'6444572_/_6444569'		0.4	3.33	3.33	0.09	0.3	3.24	1.23	No 0.09 Thermal Discharging
TLK067	844	'426470195_/_426470131_2'		0.4	3.33	3.33	0.09	0.4	3.24	1.23	No 0.09 Thermal Discharging
TLK067	845	'6444584_/_6444582_1'		0.4	3.33	3.33	0.09	0.1	3.23	1.23	No 0.09 Thermal Discharging
TLK067	846	'426470129_/_426470131_1'		0.37	3.33	3.33	0.09	0.4	3.23	1.23	No 0.09 Thermal Discharging
TLK067	847	'6444585_/_6444582_2'		0.4	3.33	3.33	0.09	0.1	3.19	1.23	No 0.09 Thermal Discharging
TLK067	848	'9029714_/_9029711'		0.37	3.33	3.33	0.09	0.5	3.18	1.23	No 0.09 Thermal Discharging
TLK067	849	'6439792_/_7109692'		0.4	3.33	3.33	0.09	0.3	3.16	1.23	No 0.09 Thermal Discharging
TLK067	850	'6439793_/_6439790'		0.37	3.33	3.33	0.09	0.3	3.1	1.23	No 0.09 Thermal Discharging
TLK067	851	'6442124_/_6442121'		0.37	3.33	3.33	0.09	0.3	3.01	1.23	No 0.09 Thermal Discharging
TLK067	852	'67372886_/_6442163_1'		0.37	3.33	3.33	0.09	0.1	3	1.23	No 0.09 Thermal Discharging
TLK067	853	'53608130_/_53608082_2'		0.37	3.33	3.33	0.09	0.3	3	1.23	No 0.09 Thermal Discharging
TLK067	854	'546141577_/_546141574'		0.37	3.33	3.33	0.09	0.3	3	1.23	No 0.09 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TLK067	855	'6442149_/_6442163_2'		0.37	3.27	3.33	0.09	0.1	2.97	1.23 No	0.09 Thermal Discharging
TLK067	856	'6439805_/_6442147'		0.37	3.23	3.33	0.09	0.1	2.95	1.23 No	0.09 Thermal Discharging
TLK067	857	'6439806_/_6439803'		0.37	3.2	3.33	0.09	0.1	2.93	1.23 No	0.09 Thermal Discharging
TLK067	858	'6439831_/_6442176'		0.33	3.13	3.33	0.09	0.1	2.9	1.23 No	0.09 Thermal Discharging
TLK067	859	'6439818_/_6439816_1'		0.33	3.13	3.33	0.09	0.1	2.89	1.23 No	0.09 Thermal Discharging
TLK067	860	'424928951_/_6439829'		0.33	3.03	3.33	0.09	0.1	2.86	1.23 No	0.09 Thermal Discharging
TLK067	861	'6439819_/_6439816_2'		0.33	3.07	3.33	0.09	0.1	2.86	1.23 No	0.09 Thermal Discharging
TLK067	862	'8422525_/_53608082_1'		0.33	3	3.33	0.09	0.1	2.83	1.23 No	0.09 Thermal Discharging
TLK067	863	'6439832_/_424928934'		0.33	2.97	3.33	0.09	0.1	2.83	1.23 No	0.09 Thermal Discharging
TLK067	864	'6439845_/_6439842'		0.33	2.87	3.33	0.09	0.1	2.77	1.23 No	0.09 Thermal Discharging
TLK067	865	'6439884_/_6439881'		0.3	2.8	3.33	0.09	0.1	2.72	1.23 No	0.09 Thermal Discharging
TLK067	866	'43917316_/_6439855'		0.3	2.77	3.33	0.09	0.1	2.71	1.23 No	0.09 Thermal Discharging
TLK067	867	'6439871_/_43917318'		0.3	2.67	3.33	0.09	0.1	2.66	1.23 No	0.09 Thermal Discharging
TLK067	868	'6440168_/_6440166_1'		0.3	2.67	3.33	0.09	0.1	2.65	1.23 No	0.09 Thermal Discharging
TLK067	869	'6439779_/_6440253'		0.3	2.6	3.33	0.09	0.1	2.61	1.23 No	0.09 Thermal Discharging
TLK067	870	'6440169_/_6440166_2'		0.3	2.57	3.33	0.09	0.1	2.59	1.23 No	0.09 Thermal Discharging
TLK067	871	'43917338_/_6439777'		0.3	2.53	3.33	0.09	0.1	2.57	1.23 No	0.09 Thermal Discharging
TLK067	872	'6440182_/_6440179'		0.3	2.5	3.33	0.09	0.1	2.56	1.23 No	0.09 Thermal Discharging
TLK067	873	'70250244_/_43917340'		0.27	2.47	3.33	0.09	0.1	2.53	1.23 No	0.09 Thermal Discharging
TLK067	874	'7764591_/_7764589_1'		0.27	2.47	3.33	0.09	0.1	2.52	1.23 No	0.09 Thermal Discharging
TLK067	875	'84387173_/_7764589_2'		0.27	2.33	3.33	0.09	0.1	2.44	1.23 No	0.09 Thermal Discharging
TLK067	876	'84387225_/_7451192'		0.27	2.3	3.33	0.09	0.1	2.42	1.23 No	0.09 Thermal Discharging
TLK071	0	'TLK071_/_8355315'		10	10	10	0.2	10	10	7.92 No	0.2 Thermal Discharging
TLK071	1	'8355318_/_8355315'		10	10	10	0.2	10	10	4.51 No	0.2 Thermal Discharging
TLK071	2	'8355477_/_8355475'		10	10	10	0.2	10	10	4.51 No	0.2 Thermal Discharging
TLK071	3	'8662781_/_8662779'		10	10	10	0.2	10	10	4.51 No	0.2 Thermal Discharging
TLK071	4	'9609424_/_9609441'		10	10	10	0.2	10	10	4.51 No	0.2 Thermal Discharging
TLK071	5	'9609404_/_9609421'		10	10	10	0.2	10	10	4.51 No	0.2 Thermal Discharging
TLK071	6	'8041185_/_9609401'		10	10	10	0.2	10	10	4.51 No	0.2 Thermal Discharging
TLK071	7	'8041184_/_8041182'		10	10	10	0.2	10	10	4.51 No	0.2 Thermal Discharging
TLK071	8	'499338236_/_8982349'		10	10	10	0.2	10	10	4.51 No	0.2 Thermal Discharging
TLK071	9	'499338199_/_8662663_2'		10	10	10	0.2	10	10	4.51 No	0.2 Thermal Discharging
TLK071	10	'499337654_/_8662663_1'		10	10	10	0.2	10	10	4.51 No	0.2 Thermal Discharging
TLK071	11	'43733775_/_5532050'		10	10	10	0.2	10	10	4.51 No	0.2 Thermal Discharging
TLK071	12	'667686549_/_5532067'		10	10	10	0.2	10	10	4.51 No	0.2 Thermal Discharging
TLK071	13	'43733788_/_5532084'		10	10	10	0.2	10	10	4.51 No	0.2 Thermal Discharging
TLK071	14	'5532104_/_43733790'		10	10	10	0.2	10	10	4.51 No	0.2 Thermal Discharging
TLK071	15	'43732258_/_5540944'		10	10	10	0.2	10	10	4.51 No	0.2 Thermal Discharging
TLK071	16	'5559378_/_7098576'		10	10	10	0.2	10	10	4.51 No	0.2 Thermal Discharging
TLK071	17	'5555472_/_5559376'		10	10	10	0.2	10	10	4.51 No	0.2 Thermal Discharging
TLK071	18	'5555473_/_5555470'		10	10	10	0.2	10	10	4.51 No	0.2 Thermal Discharging
TLK071	19	'70250518_/_70250515'		10	10	10	0.2	10	10	4.51 No	0.2 Thermal Discharging
TLK071	20	'5555490_/_5555487'		10	10	10	0.2	10	10	4.51 No	0.2 Thermal Discharging
TLK071	21	'43737151_/_5555504'		10	10	10	0.2	10	10	4.51 No	0.2 Thermal Discharging
TLK071	22	'546905616_/_546905580_1'		10	10	10	0.2	1.4	10	4.51 No	0.2 Thermal Discharging
TLK071	23	'43737164_/_5555521'		10	10	10	0.2	10	10	4.51 No	0.2 Thermal Discharging
TLK071	24	'351745368_/_43737166'		10	10	10	0.2	10	10	4.51 No	0.2 Thermal Discharging
TLK071	25	'351745813_/_351745490_1'		10	10	10	0.2	10	10	4.51 No	0.2 Thermal Discharging
TLK071	26	'9298160_/_546905580_2'		10	10	10	0.2	1.4	10	4.51 No	0.2 Thermal Discharging
TLK071	27	'351745900_/_351745490_2'		10	10	10	0.2	10	10	4.51 No	0.2 Thermal Discharging
TLK071	28	'311347533_/_351745490_3'		10	10	10	0.2	10	10	4.51 No	0.2 Thermal Discharging
TLK071	29	'753512021_/_311347535'		10	10	10	0.2	10	10	4.51 No	0.2 Thermal Discharging
TLK071	30	'753512337_/_753512129_2'		3.33	3.33	3.33	0.07	1.7	3.33	1.5 No	0.07 Thermal Discharging
TLK071	31	'5552181_/_753512027'		10	10	10	0.2	10	10	4.51 No	0.2 Thermal Discharging
TLK071	32	'5552216_/_5552213'		10	10	10	0.2	10	10	4.51 No	0.2 Thermal Discharging
TLK071	33	'43737190_/_5555623'		10	10	10	0.2	10	10	4.51 No	0.2 Thermal Discharging
TLK071	34	'5555643_/_43737192'		10	10	10	0.2	10	10	4.51 No	0.2 Thermal Discharging
TLK071	35	'5552236_/_5552233'		10	10	10	0.2	10	10	4.51 No	0.2 Thermal Discharging
TLK071	36	'7387307_/_7387324_1'		10	10	10	0.2	1.4	10	4.51 No	0.2 Thermal Discharging
TLK071	37	'54847756_/_5552250'		10	10	10	0.2	10	10	4.51 No	0.2 Thermal Discharging
TLK071	38	'54847806_/_54847760_1'		10	10	10	0.2	2.3	10	4.51 No	0.2 Thermal Discharging
TLK071	39	'5556594_/_5556626'		10	10	10	0.2	10	10	4.51 No	0.2 Thermal Discharging
TLK071	40	'311348243_/_5556592'		10	10	10	0.2	10	10	4.51 No	0.2 Thermal Discharging
TLK071	41	'5552253_/_54847760_2'		10	10	10	0.2	2.3	10	4.51 No	0.2 Thermal Discharging
TLK071	42	'43737598_/_311348245'		10	10	10	0.2	10	10	4.51 No	0.2 Thermal Discharging
TLK071	43	'5556492_/_5556490_1'		10	10	10	0.2	10	10	4.51 No	0.2 Thermal Discharging
TLK071	44	'43737585_/_5556490_2'		10	10	10	0.2	10	10	4.51 No	0.2 Thermal Discharging
TLK071	45	'5552270_/_5552267'		10	10	10	0.2	2.3	10	4.51 No	0.2 Thermal Discharging
TLK071	46	'5556509_/_43737587'		10	10	10	0.2	10	10	4.51 No	0.2 Thermal Discharging
TLK071	47	'642261366_/_5556507'		10	10	10	0.2	10	10	4.51 No	0.2 Thermal Discharging
TLK071	48	'664651430_/_664651329_2'		10	10	10	0.2	5.1	10	4.51 No	0.2 Thermal Discharging
TLK071	49	'5556510_/_642261370'		10	10	10	0.2	10	10	4.51 No	0.2 Thermal Discharging
TLK071	50	'7173898_/_7173895'		10	10	10	0.2	2.3	10	4.51 No	0.2 Thermal Discharging
TLK071	51	'5534985_/_5556646'		3.33	3.33	3.33	0.07	1.1	3.33	1.5 No	0.07 Thermal Discharging
TLK071	52	'7387327_/_7387324_2'		10	10	10	0.2	1.4	10	4.51 No	0.2 Thermal Discharging
TLK071	53	'8663012_/_8663009_2'		6.67	6.67	6.67	0.13	2.8	6.67	3.03 No	0.13 Thermal Discharging
TLK071	54	'5556527_/_5556524'		10	10	10	0.2	10	10	4.51 No	0.2 Thermal Discharging
TLK071	55	'5552287_/_5552284'		10	10	10	0.2	2.3	10	4.51 No	0.2 Thermal Discharging
TLK071	56	'5556544_/_5556541'		10	10	10	0.2	10	10	4.51 No	0.2 Thermal Discharging
TLK071	57	'7718771_/_9609845_1'		3.33	3.33	3.33	0.07	0.4	3.33	1.5 No	0.07 Thermal Discharging
TLK071	58	'383879147_/_8663027_1'		3.33	3.33	3.33	0.07	0.4	3.33	1.5 No	0.07 Thermal Discharging
TLK071	59	'43737611_/_5556558'		10	10	10	0.2	10	10	4.51 No	0.2 Thermal Discharging
TLK071	60	'753512113_/_753512129_1'		3.33	3.33	3.33	0.07	0.4	3.33	1.5 No	0.07 Thermal Discharging
TLK071	61	'5556578_/_43737613'		10	10	10	0.2	10	10	4.51 No	0.2 Thermal Discharging
TLK071	62	'8982966_/_9298452_2'		10	10	10	0.2	10	10	4.51 No	0.2 Thermal Discharging
TLK071	63	'5552304_/_5552301'		10	10	10	0.2	2.3	10	4.51 No	0.2 Thermal Discharging
TLK071	64	'753512147_/_753512163'		3.33	3.33	3.33	0.07	0.4	3.33	1.5 No	0.07 Thermal Discharging
TLK071	65	'43737624_/_5534983'		3.33	3.33	3.33	0.07	1.1	3.33	1.5 No	0.07 Thermal Discharging
TLK071	66	'5534972_/_5534970_1'		3.33	3.33	3.33	0.07	0.4	3.33	1.5 No	0.07 Thermal Discharging
TLK071	67	'43737229_/_5552474'		10	10	10	0.2	2.3	10	4.51 No	0.2 Thermal Discharging
TLK071	68	'8355653_/_9609845_2'		3.33	3.33	3.33	0.07	0.4	3.33	1.5 No	0.07 Thermal Discharging
TLK071	69	'664651313_/_664651329_1'		10	10	10	0.2	1.4	10	4.51 No	0.2 Thermal Discharging
TLK071	70	'8663046_/_9298452_1'		10	10	10	0.2	10	10	4.51 No	0.2 Thermal Discharging
TLK071	71	'5552321_/_5552318'		10	10	10	0.2	2.3	10	4.51 No	0.2 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TLK071	72	'8663030_/8663027_2'	3.33	3.33	3.33	0.07	0.4	3.33	1.5 No	0.07	Thermal Discharging
TLK071	73	'5534907_/5534970_2'	3.33	3.33	3.33	0.07	0.4	3.33	1.5 No	0.07	Thermal Discharging
TLK071	74	'8663011_/8663009_1'	6.67	6.67	6.67	0.13	0.9	6.67	3.01 No	0.13	Thermal Discharging
TLK071	75	'7405230_/664651345'	10	10	10	0.2	1.4	10	4.51 No	0.2	Thermal Discharging
TLK071	76	'8355636_/8982765'	3.33	3.33	3.33	0.07	0.4	3.33	1.5 No	0.07	Thermal Discharging
TLK071	77	'5552341_/5552338'	10	10	10	0.2	2.3	10	4.51 No	0.2	Thermal Discharging
TLK071	78	'763016952_/8355634'	3.33	3.33	3.33	0.07	0.4	3.33	1.5 No	0.07	Thermal Discharging
TLK071	79	'8355637_/763016995_1'	3.33	3.33	3.33	0.07	0.4	3.33	1.5 No	0.07	Thermal Discharging
TLK071	80	'5552358_/5552355'	10	10	10	0.2	2.3	10	4.51 No	0.2	Thermal Discharging
TLK071	81	'43737216_/5552372'	10	10	10	0.2	2.3	10	4.51 No	0.2	Thermal Discharging
TLK071	82	'5534908_/5534905'	3.33	3.33	3.33	0.07	0.4	3.33	1.5 No	0.07	Thermal Discharging
TLK071	83	'5552392_/43737218'	10	10	10	0.2	2.3	10	4.51 No	0.2	Thermal Discharging
TLK071	84	'9298250_/9609735'	6.67	6.67	6.67	0.13	0.93	6.67	3.01 No	0.13	Thermal Discharging
TLK071	85	'8041545_/8982729'	6.67	6.67	6.67	0.13	0.9	6.67	3.01 No	0.13	Thermal Discharging
TLK071	86	'5552409_/5552406'	10	10	10	0.2	2.3	10	4.51 No	0.2	Thermal Discharging
TLK071	87	'37920789_/8663043'	10	10	10	0.2	10	10	4.51 No	0.2	Thermal Discharging
TLK071	88	'404469619_/37920786'	10	10	10	0.2	10	10	4.51 No	0.2	Thermal Discharging
TLK071	89	'37920824_/71667502'	10	10	10	0.2	2.2	10	4.51 No	0.2	Thermal Discharging
TLK071	90	'37920810_/37920807'	10	10	10	0.2	10	10	4.51 No	0.2	Thermal Discharging
TLK071	91	'37920775_/37920772'	3.33	3.33	3.33	0.07	0.7	3.33	1.5 No	0.07	Thermal Discharging
TLK071	92	'5552426_/5552423'	10	10	10	0.2	2.3	10	4.51 No	0.2	Thermal Discharging
TLK071	93	'7387473_/7718800'	10	10	10	0.2	2.2	10	4.51 No	0.2	Thermal Discharging
TLK071	94	'5534947_/5534944'	3.33	3.33	3.33	0.07	0.4	3.33	1.5 No	0.07	Thermal Discharging
TLK071	95	'43737203_/5552440'	10	10	10	0.2	2.3	10	4.51 No	0.2	Thermal Discharging
TLK071	96	'5552460_/43737205'	10	10	10	0.2	2.3	10	4.51 No	0.2	Thermal Discharging
TLK071	97	'37921174_/9609917'	10	10	10	0.2	10	10	4.51 No	0.2	Thermal Discharging
TLK071	98	'404469981_/492658887'	10	10	10	0.2	10	10	4.51 No	0.2	Thermal Discharging
TLK071	99	'37921216_/492658869'	10	10	10	0.2	4.5	10	4.51 No	0.2	Thermal Discharging
TLK071	100	'37921188_/492658875'	10	10	10	0.2	4.5	10	4.51 No	0.2	Thermal Discharging
TLK071	101	'37921202_/492658881'	10	10	10	0.2	10	10	4.51 No	0.2	Thermal Discharging
TLK071	102	'7387472_/7387470'	10	10	10	0.2	2.2	10	4.51 No	0.2	Thermal Discharging
TLK071	103	'7718699_/7718840'	10	10	10	0.2	4.5	10	4.51 No	0.2	Thermal Discharging
TLK071	104	'5545848_/5545845'	3.33	3.33	3.33	0.07	0.4	3.33	1.5 No	0.07	Thermal Discharging
TLK071	105	'9298233_/9298248'	6.67	6.67	6.67	0.13	0.93	6.67	3.01 No	0.13	Thermal Discharging
TLK071	106	'5552497_/5552494'	10	10	10	0.2	2.3	10	4.51 No	0.2	Thermal Discharging
TLK071	107	'5552964_/5552962'	10	10	10	0.2	2.3	10	4.51 No	0.2	Thermal Discharging
TLK071	108	'8041895_/270695619'	3.33	3.33	3.33	0.07	0.7	3.33	1.5 No	0.07	Thermal Discharging
TLK071	109	'7387548_/91127412'	10	10	10	0.2	4.5	10	4.51 No	0.2	Thermal Discharging
TLK071	110	'43737343_/43737345'	10	10	10	0.2	2.3	10	4.51 No	0.2	Thermal Discharging
TLK071	111	'5552583_/5552600'	10	10	10	0.2	2.3	10	4.51 No	0.2	Thermal Discharging
TLK071	112	'5552637_/5552634_1'	3.33	3.33	3.33	0.07	0.5	3.33	1.5 No	0.07	Thermal Discharging
TLK071	113	'5552566_/5552580'	10	10	10	0.2	2.3	10	4.51 No	0.2	Thermal Discharging
TLK071	114	'8041544_/8041542'	6.67	6.67	6.67	0.13	0.9	6.67	3.01 No	0.13	Thermal Discharging
TLK071	115	'43737332_/5552634_2'	3.33	3.33	3.33	0.07	0.5	3.33	1.5 No	0.07	Thermal Discharging
TLK071	116	'5552565_/5552563'	10	10	10	0.2	2.3	10	4.51 No	0.2	Thermal Discharging
TLK071	117	'8355566_/8355564'	10	10	10	0.2	2.2	10	4.51 No	0.2	Thermal Discharging
TLK071	118	'43737356_/43737358'	10	10	10	0.2	2.3	10	4.51 No	0.2	Thermal Discharging
TLK071	119	'5534933_/5545858'	3.33	3.33	3.33	0.07	0.4	3.33	1.5 No	0.07	Thermal Discharging
TLK071	120	'8355619_/8355616'	6.67	6.67	6.67	0.13	0.9	6.67	3.01 No	0.13	Thermal Discharging
TLK071	121	'5552548_/5552546'	10	10	10	0.2	2.3	10	4.51 No	0.2	Thermal Discharging
TLK071	122	'7387549_/91127459'	10	10	10	0.2	4.5	10	4.51 No	0.2	Thermal Discharging
TLK071	123	'5555800_/5555863'	10	10	10	0.2	2.3	10	4.51 No	0.2	Thermal Discharging
TLK071	124	'8041715_/9298396_1'	10	10	10	0.2	1.5	10	4.51 No	0.2	Thermal Discharging
TLK071	125	'8663065_/8663063'	10	10	10	0.2	2.2	10	4.51 No	0.2	Thermal Discharging
TLK071	126	'5552649_/43737334'	3.33	3.33	3.33	0.07	0.5	3.33	1.5 No	0.07	Thermal Discharging
TLK071	127	'5552650_/5552647'	3.33	3.33	3.33	0.07	0.5	3.33	1.5 No	0.07	Thermal Discharging
TLK071	128	'5534920_/5534931'	3.33	3.33	3.33	0.07	0.4	3.33	1.5 No	0.07	Thermal Discharging
TLK071	129	'430216409_/430216413'	10	10	10	0.2	4.5	10	4.51 No	0.2	Thermal Discharging
TLK071	130	'5552663_/5552660'	3.33	3.33	3.33	0.07	0.5	3.33	1.5 No	0.07	Thermal Discharging
TLK071	131	'8041894_/119579312'	3.33	3.33	3.33	0.07	0.7	3.33	1.5 No	0.07	Thermal Discharging
TLK071	132	'7718822_/7718820'	10	10	10	0.2	4.5	10	4.51 No	0.2	Thermal Discharging
TLK071	133	'5555779_/5555777'	10	10	10	0.2	2.3	10	4.51 No	0.2	Thermal Discharging
TLK071	134	'156436629_/156436588_1'	10	10	10	0.2	1.4	10	4.51 No	0.2	Thermal Discharging
TLK071	135	'5555820_/5555886'	10	10	10	0.2	2.3	10	4.51 No	0.2	Thermal Discharging
TLK071	136	'156436570_/156436588_2'	10	10	10	0.2	1.4	10	4.51 No	0.2	Thermal Discharging
TLK071	137	'7387423_/9298380_1'	3.33	3.33	3.33	0.07	0.4	3.33	1.5 No	0.07	Thermal Discharging
TLK071	138	'8982750_/264193126'	6.67	6.67	6.67	0.13	0.93	6.67	3.01 No	0.13	Thermal Discharging
TLK071	139	'9298383_/9298380_2'	3.33	3.33	3.33	0.07	0.4	3.33	1.5 No	0.07	Thermal Discharging
TLK071	140	'752559325_/43737417'	3.33	3.33	3.33	0.07	0.1	3.33	1.5 No	0.07	Thermal Discharging
TLK071	141	'43737321_/5552673'	3.33	3.33	3.33	0.07	0.5	3.33	1.5 No	0.07	Thermal Discharging
TLK071	142	'8355960_/8355958'	10	10	10	0.2	4.5	10	4.51 No	0.2	Thermal Discharging
TLK071	143	'5555908_/752559329'	3.33	3.33	3.33	0.07	0.1	3.33	1.5 No	0.07	Thermal Discharging
TLK071	144	'5534921_/5534918'	3.33	3.33	3.33	0.07	0.4	3.33	1.5 No	0.07	Thermal Discharging
TLK071	145	'43737437_/5555847'	3.33	3.33	3.33	0.07	0.77	3.33	1.5 No	0.07	Thermal Discharging
TLK071	146	'8356000_/9298396_2'	10	10	10	0.2	1.5	10	4.51 No	0.2	Thermal Discharging
TLK071	147	'469014974_/473045138_1'	6.67	6.67	6.67	0.13	0.93	6.67	3.01 No	0.13	Thermal Discharging
TLK071	148	'102401772_/102401778'	10	10	10	0.2	1.5	10	4.51 No	0.2	Thermal Discharging
TLK071	149	'5555819_/5555817'	10	10	10	0.2	2.3	10	4.51 No	0.2	Thermal Discharging
TLK071	150	'43737426_/5555834'	3.33	3.33	3.33	0.07	0.77	3.33	1.5 No	0.07	Thermal Discharging
TLK071	151	'8662881_/347263074'	6.67	6.67	6.67	0.13	0.93	6.67	3.01 No	0.13	Thermal Discharging
TLK071	152	'7718718_/344710469_1'	10	10	10	0.2	1.4	10	4.51 No	0.2	Thermal Discharging
TLK071	153	'8135311_/8355978'	10	10	10	0.2	4.5	10	4.51 No	0.2	Thermal Discharging
TLK071	154	'7480071_/344710469_2'	10	10	10	0.2	1.4	10	4.51 No	0.2	Thermal Discharging
TLK071	155	'87146194_/87146205'	10	10	10	0.2	1.5	10	4.51 No	0.2	Thermal Discharging
TLK071	156	'5552688_/43737323'	3.33	3.33	3.33	0.07	0.5	3.33	1.5 No	0.07	Thermal Discharging
TLK071	157	'37921153_/9706818'	10	10	10	0.2	4.5	10	4.51 No	0.2	Thermal Discharging
TLK071	158	'37921118_/434841275'	10	10	10	0.2	4.5	10	4.51 No	0.2	Thermal Discharging
TLK071	159	'37921111_/434841259'	10	10	10	0.2	4.5	10	4.51 No	0.2	Thermal Discharging
TLK071	160	'434841950_/434841251'	10	10	10	0.2	4.5	10	4.51 No	0.2	Thermal Discharging
TLK071	161	'37921125_/434841267'	10	10	10	0.2	4.5	10	4.51 No	0.2	Thermal Discharging
TLK071	162	'102401732_/87146223'	10	10	10	0.2	1.5	10	4.51 No	0.2	Thermal Discharging
TLK071	163	'5534881_/5534957'	3.33	3.33	3.33	0.07	0.4	3.33	1.5 No	0.07	Thermal Discharging
TLK071	164	'5552520_/5552517'	3.33	3.33	3.33	0.07	0.77	3.33	1.5 No	0.07	Thermal Discharging
TLK071	165	'5546519_/5555922'	10	10	10	0.2	2.3	10	4.51 No	0.2	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Over-Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TLK071	166	'8662932_/_8662949_1'		10	10	10	0.2	1.4	10	4.51 No	0.2 Thermal Discharging
TLK071	167	'7405357_/_119579340'		3.33	3.33	3.33	0.07	0.7	3.33	1.5 No	0.07 Thermal Discharging
TLK071	168	'43737310_/_5552686'		3.33	3.33	3.33	0.07	0.5	3.33	1.5 No	0.07 Thermal Discharging
TLK071	169	'5534882_/_5534879'		3.33	3.33	3.33	0.07	0.4	3.33	1.5 No	0.07 Thermal Discharging
TLK071	170	'8424137_/_344710492'		10	10	10	0.2	1.4	10	4.51 No	0.2 Thermal Discharging
TLK071	171	'8662952_/_8662949_2'		10	10	10	0.2	1.4	10	4.51 No	0.2 Thermal Discharging
TLK071	172	'8662845_/_8982657'		10	10	10	0.2	1.4	10	4.51 No	0.2 Thermal Discharging
TLK071	173	'5552536_/_5552533'		3.33	3.33	3.33	0.07	0.77	3.33	1.5 No	0.07 Thermal Discharging
TLK071	174	'7718698_/_102401738'		10	10	10	0.2	1.5	10	4.51 No	0.2 Thermal Discharging
TLK071	175	'8662846_/_8662843'		10	10	10	0.2	1.4	10	4.51 No	0.2 Thermal Discharging
TLK071	176	'5545475_/_5545472'		3.33	3.33	3.33	0.07	0.4	3.33	1.5 No	0.07 Thermal Discharging
TLK071	177	'86951273_/_7718696_1'		10	10	10	0.2	4.5	10	4.51 No	0.2 Thermal Discharging
TLK071	178	'43736277_/_5546517'		10	10	10	0.2	2.3	10	4.51 No	0.2 Thermal Discharging
TLK071	179	'5552702_/_5552699'		3.33	3.33	3.33	0.07	0.5	3.33	1.5 No	0.07 Thermal Discharging
TLK071	180	'5545394_/_5545391'		3.33	3.33	3.33	0.07	0.4	3.33	1.5 No	0.07 Thermal Discharging
TLK071	181	'763532020_/_763532024'		10	10	10	0.2	4.5	10	4.51 No	0.2 Thermal Discharging
TLK071	182	'7718903_/_7718900'		10	10	10	0.2	4.5	10	4.51 No	0.2 Thermal Discharging
TLK071	183	'7718922_/_9298544_1'		10	10	10	0.2	1.4	10	4.51 No	0.2 Thermal Discharging
TLK071	184	'7405249_/_9298178'		10	10	10	0.2	1.4	10	4.51 No	0.2 Thermal Discharging
TLK071	185	'43737299_/_5552712'		3.33	3.33	3.33	0.07	0.5	3.33	1.5 No	0.07 Thermal Discharging
TLK071	186	'5545407_/_5545404'		3.33	3.33	3.33	0.07	0.4	3.33	1.5 No	0.07 Thermal Discharging
TLK071	187	'8982680_/_8982677'		10	10	10	0.2	1.4	10	4.51 No	0.2 Thermal Discharging
TLK071	188	'5556996_/_5556993'		3.33	3.33	3.33	0.07	0.77	3.33	1.5 No	0.07 Thermal Discharging
TLK071	189	'43736008_/_5545485'		3.33	3.33	3.33	0.07	0.4	3.33	1.5 No	0.07 Thermal Discharging
TLK071	190	'5545488_/_5557022_1'		3.33	3.33	3.33	0.07	0.3	3.33	1.5 No	0.07 Thermal Discharging
TLK071	191	'9298418_/_9371814'		10	10	10	0.2	1.4	10	4.51 No	0.2 Thermal Discharging
TLK071	192	'43735997_/_5545417'		3.33	3.33	3.33	0.07	0.4	3.33	1.5 No	0.07 Thermal Discharging
TLK071	193	'43736019_/_5557022_2'		3.33	3.33	3.33	0.07	0.3	3.33	1.5 No	0.07 Thermal Discharging
TLK071	194	'5556139_/_43737301'		3.33	3.33	3.33	0.07	0.5	3.33	1.5 No	0.07 Thermal Discharging
TLK071	195	'5547817_/_5557009'		3.33	3.33	3.33	0.07	0.77	3.33	1.5 No	0.07 Thermal Discharging
TLK071	196	'124737885_/_9298584'		10	10	10	0.2	1.4	10	4.51 No	0.2 Thermal Discharging
TLK071	197	'5556152_/_5556149'		3.33	3.33	3.33	0.07	0.5	3.33	1.5 No	0.07 Thermal Discharging
TLK071	198	'43736632_/_5547815'		3.33	3.33	3.33	0.07	0.77	3.33	1.5 No	0.07 Thermal Discharging
TLK071	199	'7405321_/_119579355'		3.33	3.33	3.33	0.07	0.7	3.33	1.5 No	0.07 Thermal Discharging
TLK071	200	'8041465_/_9609669_1'		3.33	3.33	3.33	0.07	0.4	3.33	1.5 No	0.07 Thermal Discharging
TLK071	201	'5545500_/_5557035'		3.33	3.33	3.33	0.07	0.3	3.33	1.5 No	0.07 Thermal Discharging
TLK071	202	'5545433_/_43735999'		3.33	3.33	3.33	0.07	0.4	3.33	1.5 No	0.07 Thermal Discharging
TLK071	203	'8662865_/_9609669_2'		3.33	3.33	3.33	0.07	0.4	3.33	1.5 No	0.07 Thermal Discharging
TLK071	204	'5547805_/_5547802'		3.33	3.33	3.33	0.07	0.77	3.33	1.5 No	0.07 Thermal Discharging
TLK071	205	'7405284_/_594851543'		10	10	10	0.2	1.4	10	4.51 No	0.2 Thermal Discharging
TLK071	206	'5552727_/_5556162'		3.33	3.33	3.33	0.07	0.5	3.33	1.5 No	0.07 Thermal Discharging
TLK071	207	'8662866_/_8662863'		3.33	3.33	3.33	0.07	0.4	3.33	1.5 No	0.07 Thermal Discharging
TLK071	208	'5545501_/_5545498'		3.33	3.33	3.33	0.07	0.3	3.33	1.5 No	0.07 Thermal Discharging
TLK071	209	'5545446_/_5545443'		3.33	3.33	3.33	0.07	0.4	3.33	1.5 No	0.07 Thermal Discharging
TLK071	210	'5552728_/_5552725'		3.33	3.33	3.33	0.07	0.5	3.33	1.5 No	0.07 Thermal Discharging
TLK071	211	'9707576_/_5561118_1'		3.33	3.33	3.33	0.07	0.77	3.33	1.5 No	0.07 Thermal Discharging
TLK071	212	'9079833_/_9079831_1'		3.33	3.33	3.33	0.07	0.4	3.33	1.5 No	0.07 Thermal Discharging
TLK071	213	'5552910_/_5552907'		3.33	3.33	3.33	0.07	0.5	3.33	1.5 No	0.07 Thermal Discharging
TLK071	214	'44072520_/_5561118_2'		3.33	3.33	3.33	0.07	0.77	3.33	1.5 No	0.07 Thermal Discharging
TLK071	215	'8982700_/_8982697'		1.57	3.33	3.33	0.07	0.4	3.33	1.5 No	0.07 Thermal Discharging
TLK071	216	'43736643_/_44072524'		3.33	3.33	3.33	0.07	0.77	3.33	1.5 No	0.07 Thermal Discharging
TLK071	217	'5561121_/_8041526_1'		3.33	3.33	3.33	0.07	0.4	3.33	1.5 No	0.07 Thermal Discharging
TLK071	218	'5545459_/_5545456'		3.33	3.33	3.33	0.07	0.4	3.33	1.5 No	0.07 Thermal Discharging
TLK071	219	'8042009_/_9079831_2'		1.53	3.33	3.33	0.07	0.4	3.33	1.5 No	0.07 Thermal Discharging
TLK071	220	'43736030_/_5545511'		1.23	3.33	3.33	0.07	0.3	3.33	1.5 No	0.07 Thermal Discharging
TLK071	221	'7405248_/_7405246'		3.33	3.33	3.33	0.07	0.47	3.33	1.5 No	0.07 Thermal Discharging
TLK071	222	'7718643_/_7718640'		3.33	3.33	3.33	0.07	0.47	3.33	1.5 No	0.07 Thermal Discharging
TLK071	223	'43737266_/_5552738'		1.33	3.33	3.33	0.07	0.5	3.33	1.5 No	0.07 Thermal Discharging
TLK071	224	'5552926_/_5552923'		1.3	3.33	3.33	0.07	0.5	3.33	1.5 No	0.07 Thermal Discharging
TLK071	225	'8041529_/_8041526_2'		1.3	3.33	3.33	0.07	0.4	3.33	1.5 No	0.07 Thermal Discharging
TLK071	226	'8041496_/_8982713'		1.2	3.33	3.33	0.07	0.4	3.33	1.5 No	0.07 Thermal Discharging
TLK071	227	'9298201_/_9298214'		1.2	3.33	3.33	0.07	0.4	3.33	1.5 No	0.07 Thermal Discharging
TLK071	228	'5552939_/_5552936'		1.2	3.33	3.33	0.07	0.5	3.33	1.5 No	0.07 Thermal Discharging
TLK071	229	'8041512_/_9298198'		1.13	3.33	3.33	0.07	0.4	3.33	1.5 No	0.07 Thermal Discharging
TLK071	230	'5545527_/_5545524'		1	3.33	3.33	0.07	0.3	3.33	1.5 No	0.07 Thermal Discharging
TLK071	231	'5552754_/_5552751'		1.13	3.33	3.33	0.07	0.5	3.33	1.5 No	0.07 Thermal Discharging
TLK071	232	'7405214_/_8041510'		1.13	3.33	3.33	0.07	0.4	3.33	1.5 No	0.07 Thermal Discharging
TLK071	233	'447958557_/_8041494'		1.07	3.33	3.33	0.07	0.4	3.33	1.5 No	0.07 Thermal Discharging
TLK071	234	'447958601_/_447958526'		1	3.33	3.33	0.07	0.4	3.33	1.5 No	0.07 Thermal Discharging
TLK071	235	'43737242_/_5552949'		1.03	3.33	3.33	0.07	0.5	3.33	1.5 No	0.07 Thermal Discharging
TLK071	236	'5552767_/_5552764'		1	3.33	3.33	0.07	0.5	3.33	1.5 No	0.07 Thermal Discharging
TLK071	237	'353422925_/_5545537'		0.87	3.33	3.33	0.07	0.3	3.33	1.5 No	0.07 Thermal Discharging
TLK071	238	'5552952_/_43737244'		0.93	3.33	3.33	0.07	0.5	3.33	1.5 No	0.07 Thermal Discharging
TLK071	239	'7405215_/_7405212'		0.93	3.33	3.33	0.07	0.4	3.33	1.5 No	0.07 Thermal Discharging
TLK071	240	'5545553_/_353422929'		0.8	3.33	3.33	0.07	0.3	3.33	1.5 No	0.07 Thermal Discharging
TLK071	241	'5552780_/_5552777'		0.9	3.33	3.33	0.07	0.5	3.33	1.5 No	0.07 Thermal Discharging
TLK071	242	'5545566_/_5545563'		0.77	3.33	3.33	0.07	0.3	3.33	1.5 No	0.07 Thermal Discharging
TLK071	243	'43737277_/_5552790'		0.83	3.33	3.33	0.07	0.5	3.33	1.5 No	0.07 Thermal Discharging
TLK071	244	'7718554_/_9609701'		0.8	3.33	3.33	0.07	0.4	3.33	1.5 No	0.07 Thermal Discharging
TLK071	245	'5545579_/_5545576'		0.73	3.33	3.33	0.07	0.3	3.33	1.5 No	0.07 Thermal Discharging
TLK071	246	'8041481_/_447958603_1'		0.57	3.33	3.33	0.07	0.4	3.33	1.5 No	0.07 Thermal Discharging
TLK071	247	'5552806_/_43737279'		0.77	3.33	3.33	0.07	0.5	3.33	1.5 No	0.07 Thermal Discharging
TLK071	248	'7718555_/_7718552'		0.73	3.33	3.33	0.07	0.4	3.33	1.5 No	0.07 Thermal Discharging
TLK071	249	'5552819_/_5552816'		0.7	3.33	3.33	0.07	0.5	3.33	1.5 No	0.07 Thermal Discharging
TLK071	250	'5552832_/_5552829'		0.7	3.33	3.33	0.07	0.5	3.33	1.5 No	0.07 Thermal Discharging
TLK071	251	'43737288_/_5552842'		0.63	3.33	3.33	0.07	0.5	3.33	1.5 No	0.07 Thermal Discharging
TLK071	252	'5552858_/_5552855'		0.6	3.33	3.33	0.07	0.5	3.33	1.5 No	0.07 Thermal Discharging
TLK071	253	'7718570_/_7718568'		0.57	3.33	3.33	0.07	0.4	3.33	1.5 No	0.07 Thermal Discharging
TLK071	254	'5552897_/_5552894'		0.57	3.33	3.33	0.07	0.5	3.33	1.5 No	0.07 Thermal Discharging
TLK071	255	'8041480_/_9609685'		0.57	3.33	3.33	0.07	0.4	3.33	1.5 No	0.07 Thermal Discharging
TLK071	256	'5559336_/_5559333'		0.57	3.33	3.33	0.07	0.5	3.33	1.5 No	0.07 Thermal Discharging
TLK071	257	'110424915_/_5559320'		0.53	3.33	3.33	0.07	0.5	3.33	1.5 No	0.07 Thermal Discharging
TLK071	258	'5559349_/_5559346'		0.53	3.33	3.33	0.07	0.5	3.33	1.5 No	0.07 Thermal Discharging
TLK073	0	'TLK073_/_8355275'		10	10	10	0.19	10	10	10 No	0.19 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TLK073		1 '8355278_/_8355275'		10	10	10	0.19	10	10	5.27 No	0.19 Thermal Discharging
TLK073		2 '7405046_/_9298098'		10	10	10	0.19	10	10	5.27 No	0.19 Thermal Discharging
TLK073		3 '7405047_/_7405044'		10	10	10	0.19	10	10	5.27 No	0.19 Thermal Discharging
TLK073		4 '8982587_/_9298118'		10	10	10	0.19	10	10	5.27 No	0.19 Thermal Discharging
TLK073		5 '8982588_/_8982585'		10	10	10	0.19	10	10	5.27 No	0.19 Thermal Discharging
TLK073		6 '8355498_/_9405632'		10	10	10	0.19	10	10	5.27 No	0.19 Thermal Discharging
TLK073		7 '7405066_/_8355496'		10	10	10	0.19	10	10	5.27 No	0.19 Thermal Discharging
TLK073		8 '7405067_/_7405064'		10	10	10	0.19	10	10	5.27 No	0.19 Thermal Discharging
TLK073		9 '7405086_/_9298138'		10	10	10	0.19	10	10	5.27 No	0.19 Thermal Discharging
TLK073		10 '7405087_/_7405084'		10	10	10	0.19	10	10	5.27 No	0.19 Thermal Discharging
TLK073		11 '8113041_/_8113038'		10	10	10	0.19	10	10	5.27 No	0.19 Thermal Discharging
TLK073		12 '61696346_/_8233078_1'		10	10	10	0.19	10	10	5.27 No	0.19 Thermal Discharging
TLK073		13 '4443637_/_8233078_2'		10	10	10	0.19	10	10	5.27 No	0.19 Thermal Discharging
TLK073		14 '43513275_/_4443635'		10	10	10	0.19	10	10	5.27 No	0.19 Thermal Discharging
TLK073		15 '43515119_/_43515121'		10	10	10	0.19	10	10	5.27 No	0.19 Thermal Discharging
TLK073		16 '4425350_/_4425347'		10	10	10	0.19	10	10	5.27 No	0.19 Thermal Discharging
TLK073		17 '4425429_/_4427810'		10	10	10	0.19	10	10	5.27 No	0.19 Thermal Discharging
TLK073		18 '43513288_/_4425427'		10	10	10	0.19	10	10	5.27 No	0.19 Thermal Discharging
TLK073		19 '4425409_/_4425407'		10	10	10	0.19	10	10	5.27 No	0.19 Thermal Discharging
TLK073		20 '4427779_/_4427793'		10	10	10	0.19	10	10	5.27 No	0.19 Thermal Discharging
TLK073		21 '43512941_/_4427844'		10	10	10	0.19	10	10	5.27 No	0.19 Thermal Discharging
TLK073		22 '4425159_/_4427776'		10	10	10	0.19	10	10	5.27 No	0.19 Thermal Discharging
TLK073		23 '4426952_/_4427827'		10	10	10	0.19	10	10	5.27 No	0.19 Thermal Discharging
TLK073		24 '4425160_/_4425186_1'	3.33		3.33	3.33	0.06	0.4	3.33	1.76 No	0.06 Thermal Discharging
TLK073		25 '4420253_/_4426950'		10	10	10	0.19	10	10	5.27 No	0.19 Thermal Discharging
TLK073		26 '241410306_/_241404148_1'	3.33		3.33	3.33	0.06	0.4	3.33	1.76 No	0.06 Thermal Discharging
TLK073		27 '43513203_/_43513205'		10	10	10	0.19	10	10	5.27 No	0.19 Thermal Discharging
TLK073		28 '4426970_/_4426967'		10	10	10	0.19	10	10	5.27 No	0.19 Thermal Discharging
TLK073		29 '241410374_/_4420438_2'	3.33		3.33	3.33	0.06	1.4	3.33	1.76 No	0.06 Thermal Discharging
TLK073		30 '4425221_/_4425219'		10	10	10	0.19	10	10	5.27 No	0.19 Thermal Discharging
TLK073		31 '4420427_/_4420438_1'	3.33		3.33	3.33	0.06	0.4	3.33	1.76 No	0.06 Thermal Discharging
TLK073		32 '43511384_/_4426984'		10	10	10	0.19	10	10	5.27 No	0.19 Thermal Discharging
TLK073		33 '241404151_/_241404148_2'	3.33		3.33	3.33	0.06	0.4	3.33	1.76 No	0.06 Thermal Discharging
TLK073		34 '4425189_/_4425186_2'	3.33		3.33	3.33	0.06	0.4	3.33	1.76 No	0.06 Thermal Discharging
TLK073		35 '43513227_/_43513229'	3.33		3.33	3.33	0.06	1.5	3.33	1.76 No	0.06 Thermal Discharging
TLK073		36 '4427004_/_43511386'		10	10	10	0.19	10	10	5.27 No	0.19 Thermal Discharging
TLK073		37 '4420282_/_4427018'		10	10	10	0.19	10	10	5.27 No	0.19 Thermal Discharging
TLK073		38 '4420428_/_4420425'	3.33		3.33	3.33	0.06	0.4	3.33	1.76 No	0.06 Thermal Discharging
TLK073		39 '4427041_/_4427038'		10	10	10	0.19	10	10	5.27 No	0.19 Thermal Discharging
TLK073		40 '4425144_/_43513218_2'	3.33		3.33	3.33	0.06	1	3.33	1.76 No	0.06 Thermal Discharging
TLK073		41 '4427058_/_4427055'		10	10	10	0.19	10	10	5.27 No	0.19 Thermal Discharging
TLK073		42 '4427075_/_4427072'		10	10	10	0.19	10	10	5.27 No	0.19 Thermal Discharging
TLK073		43 '4420269_/_43511399_2'	3.33		3.33	3.33	0.06	1	3.33	1.76 No	0.06 Thermal Discharging
TLK073		44 '4427495_/_4427492'		10	10	10	0.19	10	10	5.27 No	0.19 Thermal Discharging
TLK073		45 '43514286_/_4433203'		10	10	10	0.19	10	10	5.27 No	0.19 Thermal Discharging
TLK073		46 '4400610_/_4400607'		10	10	10	0.19	10	10	5.27 No	0.19 Thermal Discharging
TLK073		47 '4442532_/_4442529_2'		10	10	10	0.19	4.5	10	5.27 No	0.19 Thermal Discharging
TLK073		48 '4427092_/_4427089'		10	10	10	0.19	10	10	5.27 No	0.19 Thermal Discharging
TLK073		49 '43511457_/_4427106'		10	10	10	0.19	10	10	5.27 No	0.19 Thermal Discharging
TLK073		50 '43513216_/_43513218_1'	3.33		3.33	3.33	0.06	0.4	3.33	1.76 No	0.06 Thermal Discharging
TLK073		51 '4427126_/_43511459'		10	10	10	0.19	10	10	5.27 No	0.19 Thermal Discharging
TLK073		52 '43511444_/_4427140'		10	10	10	0.19	10	10	5.27 No	0.19 Thermal Discharging
TLK073		53 '4427160_/_43511446'		10	10	10	0.19	10	10	5.27 No	0.19 Thermal Discharging
TLK073		54 '4427177_/_4427174'		10	10	10	0.19	10	10	5.27 No	0.19 Thermal Discharging
TLK073		55 '43511397_/_43511399_1'	3.33		3.33	3.33	0.06	0.5	3.33	1.76 No	0.06 Thermal Discharging
TLK073		56 '4427194_/_4427191'		10	10	10	0.19	10	10	5.27 No	0.19 Thermal Discharging
TLK073		57 '4442512_/_4442529_1'		10	10	10	0.19	1.4	10	5.27 No	0.19 Thermal Discharging
TLK073		58 '43511431_/_4427208'		10	10	10	0.19	10	10	5.27 No	0.19 Thermal Discharging
TLK073		59 '4427228_/_43511433'		10	10	10	0.19	10	10	5.27 No	0.19 Thermal Discharging
TLK073		60 '4428089_/_4428086'		10	10	10	0.19	10	10	5.27 No	0.19 Thermal Discharging
TLK073		61 '4428106_/_4428103'		10	10	10	0.19	10	10	5.27 No	0.19 Thermal Discharging
TLK073		62 '49990126_/_4431731_1'		10	10	10	0.19	10	10	5.27 No	0.19 Thermal Discharging
TLK073		63 '4431734_/_4431731_2'		10	10	10	0.19	10	10	5.27 No	0.19 Thermal Discharging
TLK073		64 '69448085_/_7317363_1'		10	10	10	0.19	1.4	10	5.27 No	0.19 Thermal Discharging
TLK073		65 '70250642_/_43513816_1'		10	10	10	0.19	1.4	10	5.27 No	0.19 Thermal Discharging
TLK073		66 '4431116_/_4431711'		10	10	10	0.19	10	10	5.27 No	0.19 Thermal Discharging
TLK073		67 '43513626_/_4431436'		10	10	10	0.19	10	10	5.27 No	0.19 Thermal Discharging
TLK073		68 '5505288_/_7081796'	3.33		3.33	3.33	0.06	0.4	3.33	1.76 No	0.06 Thermal Discharging
TLK073		69 '4420473_/_4442509'		10	10	10	0.19	1.4	10	5.27 No	0.19 Thermal Discharging
TLK073		70 '4431456_/_43513628'		10	10	10	0.19	10	10	5.27 No	0.19 Thermal Discharging
TLK073		71 '4431473_/_4431470'		10	10	10	0.19	10	10	5.27 No	0.19 Thermal Discharging
TLK073		72 '43513639_/_4431487'		10	10	10	0.19	10	10	5.27 No	0.19 Thermal Discharging
TLK073		73 '4420298_/_4420295'	3.33		3.33	3.33	0.06	0.5	3.33	1.76 No	0.06 Thermal Discharging
TLK073		74 '70250630_/_43513816_2'		10	10	10	0.19	1.4	10	5.27 No	0.19 Thermal Discharging
TLK073		75 '4431507_/_4431504'		10	10	10	0.19	10	10	5.27 No	0.19 Thermal Discharging
TLK073		76 '8030023_/_9065279_2'		10	10	10	0.19	5.1	10	5.27 No	0.19 Thermal Discharging
TLK073		77 '4442492_/_4442489'		10	10	10	0.19	1.4	10	5.27 No	0.19 Thermal Discharging
TLK073		78 '43513704_/_4431114'	3.33		3.33	3.33	0.06	1.1	3.33	1.76 No	0.06 Thermal Discharging
TLK073		79 '50345937_/_7318617_1'		10	10	10	0.19	0.9	10	5.27 No	0.19 Thermal Discharging
TLK073		80 '4431524_/_4431521'		10	10	10	0.19	10	10	5.27 No	0.19 Thermal Discharging
TLK073		81 '43513652_/_4431538'		10	10	10	0.19	10	10	5.27 No	0.19 Thermal Discharging
TLK073		82 '4431117_/_4431922_1'	3.33		3.33	3.33	0.06	0.5	3.33	1.76 No	0.06 Thermal Discharging
TLK073		83 '4400391_/_4400389'	6.67		6.67	6.67	0.13	0.93	6.67	3.51 No	0.13 Thermal Discharging
TLK073		84 '4431558_/_4431555'		10	10	10	0.19	10	10	5.27 No	0.19 Thermal Discharging
TLK073		85 '7317366_/_7317363_2'		10	10	10	0.19	1.4	10	5.27 No	0.19 Thermal Discharging
TLK073		86 '7318620_/_7318617_2'		10	10	10	0.19	0.9	10	5.27 No	0.19 Thermal Discharging
TLK073		87 '9065281_/_9065279_1'		10	10	10	0.19	1.4	10	5.27 No	0.19 Thermal Discharging
TLK073		88 '4431375_/_4431657'		10	10	10	0.19	10	10	5.27 No	0.19 Thermal Discharging
TLK073		89 '43511470_/_4420470'	3.33		3.33	3.33	0.06	0.47	3.33	1.76 No	0.06 Thermal Discharging
TLK073		90 '4431376_/_4431389_1'	3.33		3.33	3.33	0.06	0.4	3.33	1.76 No	0.06 Thermal Discharging
TLK073		91 '5505287_/_5505285'	3.33		3.33	3.33	0.06	0.4	3.33	1.76 No	0.06 Thermal Discharging
TLK073		92 '43513665_/_4431677'		10	10	10	0.19	10	10	5.27 No	0.19 Thermal Discharging
TLK073		93 '4428058_/_4445518'	6.67		6.67	6.67	0.13	0.93	6.67	3.51 No	0.13 Thermal Discharging
TLK073		94 '4431574_/_43513667'		10	10	10	0.19	10	10	5.27 No	0.19 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TLK073	95	'4420311_/_4420308'	3.33	3.33	3.33	0.06	0.5	3.33	1.76 No	0.06	Thermal Discharging
TLK073	96	'4431925_/_4431922_2'	3.33	3.33	3.33	0.06	0.5	3.33	1.76 No	0.06	Thermal Discharging
TLK073	97	'4431575_/_4431572'	10	10	10	0.19	10	10	5.27 No	0.19	Thermal Discharging
TLK073	98	'4431592_/_4431589'	10	10	10	0.19	10	10	5.27 No	0.19	Thermal Discharging
TLK073	99	'7632616_/_7632614_1'	3.33	3.33	3.33	0.06	0.4	3.33	1.76 No	0.06	Thermal Discharging
TLK073	100	'4428071_/_4428068'	6.67	6.67	6.67	0.13	0.93	6.67	3.51 No	0.13	Thermal Discharging
TLK073	101	'43513678_/_4431606'	10	10	10	0.19	10	10	5.27 No	0.19	Thermal Discharging
TLK073	102	'92458797_/_4428185_1'	3.33	3.33	3.33	0.06	0.3	3.33	1.76 No	0.06	Thermal Discharging
TLK073	103	'4431129_/_4431623'	10	10	10	0.19	10	10	5.27 No	0.19	Thermal Discharging
TLK073	104	'4431130_/_4431144_2'	10	10	10	0.19	3.4	10	5.27 No	0.19	Thermal Discharging
TLK073	105	'4431422_/_4431640'	10	10	10	0.19	10	10	5.27 No	0.19	Thermal Discharging
TLK073	106	'4431090_/_4431419'	10	10	10	0.19	10	10	5.27 No	0.19	Thermal Discharging
TLK073	107	'4431258_/_4431389_2'	3.33	3.33	3.33	0.06	0.4	3.33	1.76 No	0.06	Thermal Discharging
TLK073	108	'4428149_/_4428146'	3.33	3.33	3.33	0.06	0.5	3.33	1.76 No	0.06	Thermal Discharging
TLK073	109	'7131199_/_4431402'	10	10	10	0.19	10	10	5.27 No	0.19	Thermal Discharging
TLK073	110	'43513691_/_7131197'	10	10	10	0.19	10	10	5.27 No	0.19	Thermal Discharging
TLK073	111	'43513004_/_4428185_2'	3.33	3.33	3.33	0.06	0.3	3.33	1.76 No	0.06	Thermal Discharging
TLK073	112	'4431091_/_4431101_1'	3.33	3.33	3.33	0.06	0.5	3.33	1.76 No	0.06	Thermal Discharging
TLK073	113	'124279386_/_43513693_1'	10	10	10	0.19	10	10	5.27 No	0.19	Thermal Discharging
TLK073	114	'43511419_/_4431052'	6.67	6.67	6.67	0.13	0.93	6.67	3.51 No	0.13	Thermal Discharging
TLK073	115	'4433079_/_43513693_2'	10	10	10	0.19	10	10	5.27 No	0.19	Thermal Discharging
TLK073	116	'4420456_/_4420454'	3.33	3.33	3.33	0.06	0.47	3.33	1.76 No	0.06	Thermal Discharging
TLK073	117	'44055806_/_4433097'	10	10	10	0.19	10	10	5.27 No	0.19	Thermal Discharging
TLK073	118	'124279394_/_9375796_1'	10	10	10	0.19	10	10	5.27 No	0.19	Thermal Discharging
TLK073	119	'4433059_/_44055810'	10	10	10	0.19	10	10	5.27 No	0.19	Thermal Discharging
TLK073	120	'8576438_/_9375796_2'	10	10	10	0.19	10	10	5.27 No	0.19	Thermal Discharging
TLK073	121	'4431146_/_4431144_1'	10	10	10	0.19	1.4	10	5.27 No	0.19	Thermal Discharging
TLK073	122	'4433116_/_4433131'	10	10	10	0.19	10	10	5.27 No	0.19	Thermal Discharging
TLK073	123	'5505300_/_5538656'	3.33	3.33	3.33	0.06	0.4	3.33	1.76 No	0.06	Thermal Discharging
TLK073	124	'9210625_/_9523612_1'	10	10	10	0.19	2.2	10	5.27 No	0.19	Thermal Discharging
TLK073	125	'4433117_/_4433114'	10	10	10	0.19	10	10	5.27 No	0.19	Thermal Discharging
TLK073	126	'4433189_/_4433166'	10	10	10	0.19	10	10	5.27 No	0.19	Thermal Discharging
TLK073	127	'114661510_/_666802845_2'	10	10	10	0.19	10	10	5.27 No	0.19	Thermal Discharging
TLK073	128	'7952285_/_9523612_2'	10	10	10	0.19	2.2	10	5.27 No	0.19	Thermal Discharging
TLK073	129	'9210644_/_9523592'	10	10	10	0.19	5.2	10	5.27 No	0.19	Thermal Discharging
TLK073	130	'4428162_/_4428159'	3.33	3.33	3.33	0.06	0.5	3.33	1.76 No	0.06	Thermal Discharging
TLK073	131	'4431938_/_4431935'	3.33	3.33	3.33	0.06	0.5	3.33	1.76 No	0.06	Thermal Discharging
TLK073	132	'4431259_/_4431256'	3.33	3.33	3.33	0.06	0.4	3.33	1.76 No	0.06	Thermal Discharging
TLK073	133	'4420761_/_43511421'	6.67	6.67	6.67	0.13	0.93	6.67	3.51 No	0.13	Thermal Discharging
TLK073	134	'4428201_/_4428198'	3.33	3.33	3.33	0.06	0.3	3.33	1.76 No	0.06	Thermal Discharging
TLK073	135	'7632824_/_7952282'	10	10	10	0.19	2.2	10	5.27 No	0.19	Thermal Discharging
TLK073	136	'402113430_/_8576436'	10	10	10	0.19	10	10	5.27 No	0.19	Thermal Discharging
TLK073	137	'402113431_/_37785813'	10	10	10	0.19	10	10	5.27 No	0.19	Thermal Discharging
TLK073	138	'402113442_/_37785827'	10	10	10	0.19	10	10	5.27 No	0.19	Thermal Discharging
TLK073	139	'402113448_/_37785834'	10	10	10	0.19	4.5	10	5.27 No	0.19	Thermal Discharging
TLK073	140	'402113436_/_37785820'	10	10	10	0.19	4.6	10	5.27 No	0.19	Thermal Discharging
TLK073	141	'4431951_/_4431948'	3.33	3.33	3.33	0.06	0.5	3.33	1.76 No	0.06	Thermal Discharging
TLK073	142	'4431180_/_4431177'	10	10	10	0.19	1.4	10	5.27 No	0.19	Thermal Discharging
TLK073	143	'4431104_/_4431101_2'	3.33	3.33	3.33	0.06	0.5	3.33	1.76 No	0.06	Thermal Discharging
TLK073	144	'666802820_/_666802845_1'	10	10	10	0.19	10	10	5.27 No	0.19	Thermal Discharging
TLK073	145	'7632304_/_9210642'	10	10	10	0.19	2.3	10	5.27 No	0.19	Thermal Discharging
TLK073	146	'5505301_/_5505298'	3.33	3.33	3.33	0.06	0.4	3.33	1.76 No	0.06	Thermal Discharging
TLK073	147	'43732054_/_43732056'	3.33	3.33	3.33	0.06	0.4	3.33	1.76 No	0.06	Thermal Discharging
TLK073	148	'7632805_/_7632822'	10	10	10	0.19	2.2	10	5.27 No	0.19	Thermal Discharging
TLK073	149	'4431272_/_4431269'	3.33	3.33	3.33	0.06	0.4	3.33	1.76 No	0.06	Thermal Discharging
TLK073	150	'4431964_/_4431961'	3.33	3.33	3.33	0.06	0.5	3.33	1.76 No	0.06	Thermal Discharging
TLK073	151	'4420762_/_4420759'	6.67	6.67	6.67	0.13	0.93	6.67	3.51 No	0.13	Thermal Discharging
TLK073	152	'4420323_/_4428172'	3.33	3.33	3.33	0.06	0.5	3.33	1.76 No	0.06	Thermal Discharging
TLK073	153	'4420560_/_4428211'	3.33	3.33	3.33	0.06	0.3	3.33	1.76 No	0.06	Thermal Discharging
TLK073	154	'7632617_/_7632614_2'	3.33	3.33	3.33	0.06	0.4	3.33	1.76 No	0.06	Thermal Discharging
TLK073	155	'439180930_/_439180936'	10	10	10	0.19	10	10	5.27 No	0.19	Thermal Discharging
TLK073	156	'440180937_/_439181157'	10	10	10	0.19	10	10	5.27 No	0.19	Thermal Discharging
TLK073	157	'49239199_/_4431197'	3.33	3.33	3.33	0.06	0.47	3.33	1.76 No	0.06	Thermal Discharging
TLK073	158	'43513759_/_43513761'	3.33	3.33	3.33	0.06	0.5	3.33	1.76 No	0.06	Thermal Discharging
TLK073	159	'7632804_/_7632802'	10	10	10	0.19	2.2	10	5.27 No	0.19	Thermal Discharging
TLK073	160	'4431167_/_4431164'	3.33	3.33	3.33	0.06	0.5	3.33	1.76 No	0.06	Thermal Discharging
TLK073	161	'8897563_/_8897560'	10	10	10	0.19	4.6	10	5.27 No	0.19	Thermal Discharging
TLK073	162	'4431821_/_4431818'	3.33	3.33	3.33	0.06	0.5	3.33	1.76 No	0.06	Thermal Discharging
TLK073	163	'43511536_/_4420774'	6.67	6.67	6.67	0.13	0.93	6.67	3.51 No	0.13	Thermal Discharging
TLK073	164	'43513792_/_4431282'	3.33	3.33	3.33	0.06	0.4	3.33	1.76 No	0.06	Thermal Discharging
TLK073	165	'4431216_/_4431213'	10	10	10	0.19	1.4	10	5.27 No	0.19	Thermal Discharging
TLK073	166	'4420561_/_4420558'	3.33	3.33	3.33	0.06	0.3	3.33	1.76 No	0.06	Thermal Discharging
TLK073	167	'7952265_/_7952262'	10	10	10	0.19	2.2	10	5.27 No	0.19	Thermal Discharging
TLK073	168	'4431350_/_4431360'	3.33	3.33	3.33	0.06	0.5	3.33	1.76 No	0.06	Thermal Discharging
TLK073	169	'7318932_/_9521668'	10	10	10	0.19	4.6	10	5.27 No	0.19	Thermal Discharging
TLK073	170	'7316819_/_7632302'	10	10	10	0.19	2.3	10	5.27 No	0.19	Thermal Discharging
TLK073	171	'4420324_/_4420321'	3.33	3.33	3.33	0.06	0.5	3.33	1.76 No	0.06	Thermal Discharging
TLK073	172	'5505314_/_5505311'	3.33	3.33	3.33	0.06	0.4	3.33	1.76 No	0.06	Thermal Discharging
TLK073	173	'43513770_/_43513772'	3.33	3.33	3.33	0.06	0.5	3.33	1.76 No	0.06	Thermal Discharging
TLK073	174	'5505272_/_5538630'	3.33	3.33	3.33	0.06	0.4	3.33	1.76 No	0.06	Thermal Discharging
TLK073	175	'92458765_/_4420399_1'	3.33	3.33	3.33	0.06	0.3	3.33	1.76 No	0.06	Thermal Discharging
TLK073	176	'4431977_/_4431974'	3.33	3.33	3.33	0.06	0.5	3.33	1.76 No	0.06	Thermal Discharging
TLK073	177	'43513838_/_4431831'	3.33	3.33	3.33	0.06	0.5	3.33	1.76 No	0.06	Thermal Discharging
TLK073	178	'4420681_/_4420678'	3.33	3.33	3.33	0.06	0.3	3.33	1.76 No	0.06	Thermal Discharging
TLK073	179	'43511982_/_43511538'	6.67	6.67	6.67	0.13	0.93	6.67	3.51 No	0.13	Thermal Discharging
TLK073	180	'7318931_/_7318929'	10	10	10	0.19	4.6	10	5.27 No	0.19	Thermal Discharging
TLK073	181	'4420402_/_4420399_2'	3.33	3.33	3.33	0.06	0.3	3.33	1.76 No	0.06	Thermal Discharging
TLK073	182	'4431349_/_4431347'	3.33	3.33	3.33	0.06	0.5	3.33	1.76 No	0.06	Thermal Discharging
TLK073	183	'43513538_/_4431802'	3.33	3.33	3.33	0.06	0.5	3.33	1.76 No	0.06	Thermal Discharging
TLK073	184	'4420667_/_4420665'	3.33	3.33	3.33	0.06	0.3	3.33	1.76 No	0.06	Thermal Discharging
TLK073	185	'8576850_/_9211736'	10	10	10	0.19	4.6	10	5.27 No	0.19	Thermal Discharging
TLK073	186	'7634363_/_7634360'	3.33	3.33	3.33	0.06	0.4	3.33	1.76 No	0.06	Thermal Discharging
TLK073	187	'4420574_/_4420571'	3.33	3.33	3.33	0.06	0.3	3.33	1.76 No	0.06	Thermal Discharging
TLK073	188	'43511636_/_43513794'	3.33	3.33	3.33	0.06	0.4	3.33	1.76 No	0.06	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TLK073	189	'4430960_/_4432130'	3.33	3.33	3.33	0.06	0.5	3.33	1.76 No	0.06	Thermal Discharging
TLK073	190	'4436856_/_4436853'	3.33	3.33	3.33	0.06	0.3	3.33	1.76 No	0.06	Thermal Discharging
TLK073	191	'4431990_/_4431987'	3.33	3.33	3.33	0.06	0.5	3.33	1.76 No	0.06	Thermal Discharging
TLK073	192	'4431847_/_43513840'	3.33	3.33	3.33	0.06	0.5	3.33	1.76 No	0.06	Thermal Discharging
TLK073	193	'43513827_/_43513829'	3.33	3.33	3.33	0.06	0.5	3.33	1.76 No	0.06	Thermal Discharging
TLK073	194	'43515181_/_4443950'	10	10	10	0.19	1.4	10	5.27 No	0.19	Thermal Discharging
TLK073	195	'43732203_/_5539237'	3.33	3.33	3.33	0.06	0.4	3.33	1.76 No	0.06	Thermal Discharging
TLK073	196	'4420337_/_4420334'	3.33	3.33	3.33	0.06	0.5	3.33	1.76 No	0.06	Thermal Discharging
TLK073	197	'8576851_/_8576848'	10	10	10	0.19	4.6	10	5.27 No	0.19	Thermal Discharging
TLK073	198	'4420415_/_4420412'	3.33	3.33	3.33	0.06	0.3	3.33	1.76 No	0.06	Thermal Discharging
TLK073	199	'4420794_/_43511984'	3.33	3.33	3.33	0.06	0.47	3.33	1.76 No	0.06	Thermal Discharging
TLK073	200	'5505259_/_5505269'	3.33	3.33	3.33	0.06	0.4	3.33	1.76 No	0.06	Thermal Discharging
TLK073	201	'4420587_/_4420584'	3.33	3.33	3.33	0.06	0.3	3.33	1.76 No	0.06	Thermal Discharging
TLK073	202	'4428227_/_4436892'	3.33	3.33	3.33	0.06	0.3	3.33	1.76 No	0.06	Thermal Discharging
TLK073	203	'43513737_/_4432104'	3.33	3.33	3.33	0.06	0.5	3.33	1.76 No	0.06	Thermal Discharging
TLK073	204	'4431298_/_43511638'	3.33	3.33	3.33	0.06	0.4	3.33	1.76 No	0.06	Thermal Discharging
TLK073	205	'43513543_/_43513540'	3.33	3.33	3.33	0.06	0.5	3.33	1.76 No	0.06	Thermal Discharging
TLK073	206	'43511525_/_4436866'	3.33	3.33	3.33	0.06	0.3	3.33	1.76 No	0.06	Thermal Discharging
TLK073	207	'4430445_/_4431896'	3.33	3.33	3.33	0.06	0.5	3.33	1.76 No	0.06	Thermal Discharging
TLK073	208	'4430961_/_4430958'	3.33	3.33	3.33	0.06	0.5	3.33	1.76 No	0.06	Thermal Discharging
TLK073	209	'7316820_/_7316817'	10	10	10	0.19	2.3	10	5.27 No	0.19	Thermal Discharging
TLK073	210	'4431860_/_4431870'	3.33	3.33	3.33	0.06	0.5	3.33	1.76 No	0.06	Thermal Discharging
TLK073	211	'4428226_/_4428224'	3.33	3.33	3.33	0.06	0.3	3.33	1.76 No	0.06	Thermal Discharging
TLK073	212	'7952678_/_8576868'	10	10	10	0.19	4.6	10	5.27 No	0.19	Thermal Discharging
TLK073	213	'574587569_/_9523632'	10	10	10	0.19	2.2	10	5.27 No	0.19	Thermal Discharging
TLK073	214	'4420795_/_4420792'	3.33	3.33	3.33	0.06	0.47	3.33	1.76 No	0.06	Thermal Discharging
TLK073	215	'7953465_/_7953462'	3.33	3.33	3.33	0.06	0.4	3.33	1.76 No	0.06	Thermal Discharging
TLK073	216	'4420350_/_4420347'	3.33	3.33	3.33	0.06	0.5	3.33	1.76 No	0.06	Thermal Discharging
TLK073	217	'4421105_/_4443967'	10	10	10	0.19	1.4	10	5.27 No	0.19	Thermal Discharging
TLK073	218	'7316728_/_9523204'	10	10	10	0.19	2.3	10	5.27 No	0.19	Thermal Discharging
TLK073	219	'5505258_/_5505256'	3.33	3.33	3.33	0.06	0.4	3.33	1.76 No	0.06	Thermal Discharging
TLK073	220	'43512919_/_4420597'	3.33	3.33	3.33	0.06	0.3	3.33	1.76 No	0.06	Thermal Discharging
TLK073	221	'92458781_/_4420360_1'	3.33	3.33	3.33	0.06	0.3	3.33	1.76 No	0.06	Thermal Discharging
TLK073	222	'43513748_/_4432117'	3.33	3.33	3.33	0.06	0.5	3.33	1.76 No	0.06	Thermal Discharging
TLK073	223	'4432003_/_4432000'	3.33	3.33	3.33	0.06	0.5	3.33	1.76 No	0.06	Thermal Discharging
TLK073	224	'7952679_/_7952676'	10	10	10	0.19	4.6	10	5.27 No	0.19	Thermal Discharging
TLK073	225	'5505326_/_43732205'	2.53	3.33	3.33	0.06	0.4	3.33	1.76 No	0.06	Thermal Discharging
TLK073	226	'4421106_/_4421103'	10	10	10	0.19	1.4	10	5.27 No	0.19	Thermal Discharging
TLK073	227	'4420363_/_4420360_2'	3.33	3.33	3.33	0.06	0.3	3.33	1.76 No	0.06	Thermal Discharging
TLK073	228	'43513582_/_4430443'	3.33	3.33	3.33	0.06	0.5	3.33	1.76 No	0.06	Thermal Discharging
TLK073	229	'4431337_/_4431857'	3.33	3.33	3.33	0.06	0.5	3.33	1.76 No	0.06	Thermal Discharging
TLK073	230	'4420693_/_43511527'	3.33	3.33	3.33	0.06	0.3	3.33	1.76 No	0.06	Thermal Discharging
TLK073	231	'4428239_/_4428237'	2.63	3.33	3.33	0.06	0.3	3.33	1.76 No	0.06	Thermal Discharging
TLK073	232	'4421219_/_4430971'	3.33	3.33	3.33	0.06	0.5	3.33	1.76 No	0.06	Thermal Discharging
TLK073	233	'574587474_/_574587602'	10	10	10	0.19	2.2	10	5.27 No	0.19	Thermal Discharging
TLK073	234	'9523902_/_9523900'	10	10	10	0.19	4.6	10	5.27 No	0.19	Thermal Discharging
TLK073	235	'5505327_/_5505324'	1.97	3.33	3.33	0.06	0.4	3.33	1.76 No	0.06	Thermal Discharging
TLK073	236	'4431324_/_4431334'	3.33	3.33	3.33	0.06	0.5	3.33	1.76 No	0.06	Thermal Discharging
TLK073	237	'4420613_/_43512921'	2.23	3.33	3.33	0.06	0.3	3.33	1.76 No	0.06	Thermal Discharging
TLK073	238	'4432016_/_4432013'	3.33	3.33	3.33	0.06	0.5	3.33	1.76 No	0.06	Thermal Discharging
TLK073	239	'4400464_/_4400461'	3.33	3.33	3.33	0.06	0.5	3.33	1.76 No	0.06	Thermal Discharging
TLK073	240	'4428032_/_4428029'	2.13	3.33	3.33	0.06	0.5	3.33	1.76 No	0.06	Thermal Discharging
TLK073	241	'43732192_/_43732194'	1.8	3.33	3.33	0.06	0.4	3.33	1.76 No	0.06	Thermal Discharging
TLK073	242	'5538619_/_5538617'	1.77	3.33	3.33	0.06	0.4	3.33	1.76 No	0.06	Thermal Discharging
TLK073	243	'43511408_/_4420373'	2.1	3.33	3.33	0.06	0.3	3.33	1.76 No	0.06	Thermal Discharging
TLK073	244	'4430990_/_4430987'	3.33	3.33	3.33	0.06	0.5	3.33	1.76 No	0.06	Thermal Discharging
TLK073	245	'4420694_/_4420691'	1.97	3.33	3.33	0.06	0.3	3.33	1.76 No	0.06	Thermal Discharging
TLK073	246	'43513781_/_4431321'	3.33	3.33	3.33	0.06	0.5	3.33	1.76 No	0.06	Thermal Discharging
TLK073	247	'4432081_/_4432078'	3.33	3.33	3.33	0.06	0.5	3.33	1.76 No	0.06	Thermal Discharging
TLK073	248	'7633180_/_9523920'	10	10	10	0.19	4.6	10	5.27 No	0.19	Thermal Discharging
TLK073	249	'7633181_/_7633178'	10	10	10	0.19	4.6	10	5.27 No	0.19	Thermal Discharging
TLK073	250	'5539126_/_5539123'	1.7	3.33	3.33	0.06	0.4	3.33	1.76 No	0.06	Thermal Discharging
TLK073	251	'4421220_/_4421217'	3.33	3.33	3.33	0.06	0.5	3.33	1.76 No	0.06	Thermal Discharging
TLK073	252	'4421123_/_4421120'	3.33	3.33	3.33	0.06	0.47	3.33	1.76 No	0.06	Thermal Discharging
TLK073	253	'4400477_/_4400474'	3.33	3.33	3.33	0.06	0.5	3.33	1.76 No	0.06	Thermal Discharging
TLK073	254	'574587525_/_574587523'	10	10	10	0.19	2.2	10	5.27 No	0.19	Thermal Discharging
TLK073	255	'4420626_/_4420623'	1.7	3.33	3.33	0.06	0.3	3.33	1.76 No	0.06	Thermal Discharging
TLK073	256	'4428045_/_4428042_1'	1.67	3.33	3.33	0.06	0.47	3.33	1.76 No	0.06	Thermal Discharging
TLK073	257	'7633167_/_7952662'	10	10	10	0.19	4.6	10	5.27 No	0.19	Thermal Discharging
TLK073	258	'5539139_/_5539136'	1.5	3.33	3.33	0.06	0.4	3.33	1.76 No	0.06	Thermal Discharging
TLK073	259	'468848504_/_5538778'	1.43	3.33	3.33	0.06	0.4	3.33	1.76 No	0.06	Thermal Discharging
TLK073	260	'4420389_/_43511410'	1.6	3.33	3.33	0.06	0.3	3.33	1.76 No	0.06	Thermal Discharging
TLK073	261	'4421206_/_4431308'	3.33	3.33	3.33	0.06	0.5	3.33	1.76 No	0.06	Thermal Discharging
TLK073	262	'43515000_/_4443195'	1.5	3.33	3.33	0.06	0.3	3.33	1.76 No	0.06	Thermal Discharging
TLK073	263	'43513726_/_4432091'	2.4	3.33	3.33	0.06	0.5	3.33	1.76 No	0.06	Thermal Discharging
TLK073	264	'7633166_/_7633164'	10	10	10	0.19	4.6	10	5.27 No	0.19	Thermal Discharging
TLK073	265	'4421232_/_4431000'	2.3	3.33	3.33	0.06	0.5	3.33	1.76 No	0.06	Thermal Discharging
TLK073	266	'4432029_/_4432026'	2.23	3.33	3.33	0.06	0.5	3.33	1.76 No	0.06	Thermal Discharging
TLK073	267	'43511647_/_4421133'	3.33	3.33	3.33	0.06	0.47	3.33	1.76 No	0.06	Thermal Discharging
TLK073	268	'43513593_/_4436530'	3.33	3.33	3.33	0.06	0.5	3.33	1.76 No	0.06	Thermal Discharging
TLK073	269	'5544715_/_5544712'	1.3	3.33	3.33	0.06	0.4	3.33	1.76 No	0.06	Thermal Discharging
TLK073	270	'4420639_/_4420636'	1.37	3.33	3.33	0.06	0.3	3.33	1.76 No	0.06	Thermal Discharging
TLK073	271	'4420736_/_4420733'	1.33	3.33	3.33	0.06	0.3	3.33	1.76 No	0.06	Thermal Discharging
TLK073	272	'4420706_/_4443208'	1.27	3.33	3.33	0.06	0.3	3.33	1.76 No	0.06	Thermal Discharging
TLK073	273	'43511682_/_4421204'	3.33	3.33	3.33	0.06	0.5	3.33	1.76 No	0.06	Thermal Discharging
TLK073	274	'45051531_/_4442439'	3.33	3.33	3.33	0.06	0.5	3.33	1.76 No	0.06	Thermal Discharging
TLK073	275	'4421151_/_43511649'	3.33	3.33	3.33	0.06	0.47	3.33	1.76 No	0.06	Thermal Discharging
TLK073	276	'4432042_/_4432039'	1.63	3.33	3.33	0.06	0.5	3.33	1.76 No	0.06	Thermal Discharging
TLK073	277	'4431016_/_4431013'	1.6	3.33	3.33	0.06	0.5	3.33	1.76 No	0.06	Thermal Discharging
TLK073	278	'7952699_/_7952696'	10	10	10	0.19	4.6	10	5.27 No	0.19	Thermal Discharging
TLK073	279	'43511693_/_4421230'	1.57	3.33	3.33	0.06	0.5	3.33	1.76 No	0.06	Thermal Discharging
TLK073	280	'43735937_/_5544728'	1.13	3.33	3.33	0.06	0.4	3.33	1.76 No	0.06	Thermal Discharging
TLK073	281	'4420749_/_4420746'	1.2	3.33	3.33	0.06	0.3	3.33	1.76 No	0.06	Thermal Discharging
TLK073	282	'7632861_/_8895822'	10	10	10	0.19	4.6	10	5.27 No	0.19	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TLK073	283	'4421152_/_4421149'		2.1	3.33	3.33	0.06	0.47	3.33	1.76 No	0.06 Thermal Discharging
TLK073	284	'43511503_/_4420649'		1.17	3.33	3.33	0.06	0.3	3.33	1.76 No	0.06 Thermal Discharging
TLK073	285	'7952304_/_574587496'		10	10	10	0.19	2.2	10	5.27 No	0.19 Thermal Discharging
TLK073	286	'43513715_/_4432052'		1.47	3.33	3.33	0.06	0.5	3.33	1.76 No	0.06 Thermal Discharging
TLK073	287	'7952305_/_7952302'		10	10	10	0.19	2.2	10	5.27 No	0.19 Thermal Discharging
TLK073	288	'43735949_/_43735939'		1.07	3.33	3.33	0.06	0.4	3.33	1.76 No	0.06 Thermal Discharging
TLK073	289	'4420707_/_4420704'		1.13	3.33	3.33	0.06	0.3	3.33	1.76 No	0.06 Thermal Discharging
TLK073	290	'649318725_/_583699568_1'		1.07	3.33	3.33	0.06	0.3	3.33	1.76 No	0.06 Thermal Discharging
TLK073	291	'4445647_/_4445644'		3.33	3.33	3.33	0.06	0.5	3.33	1.76 No	0.06 Thermal Discharging
TLK073	292	'7632784_/_8266051'		10	10	10	0.19	2.2	10	5.27 No	0.19 Thermal Discharging
TLK073	293	'43511658_/_4421162'		1.83	3.33	3.33	0.06	0.47	3.33	1.76 No	0.06 Thermal Discharging
TLK073	294	'4421178_/_4421175'		1.8	3.33	3.33	0.06	0.47	3.33	1.76 No	0.06 Thermal Discharging
TLK073	295	'4421513_/_43511505'		1.07	3.33	3.33	0.06	0.3	3.33	1.76 No	0.06 Thermal Discharging
TLK073	296	'4421245_/_4431026'		1.3	3.33	3.33	0.06	0.5	3.33	1.76 No	0.06 Thermal Discharging
TLK073	297	'4432068_/_4432065'		1.3	3.33	3.33	0.06	0.5	3.33	1.76 No	0.06 Thermal Discharging
TLK073	298	'4421284_/_4445657'		3.33	3.33	3.33	0.06	0.5	3.33	1.76 No	0.06 Thermal Discharging
TLK073	299	'4421165_/_43511660'		1.6	3.33	3.33	0.06	0.47	3.33	1.76 No	0.06 Thermal Discharging
TLK073	300	'4421233_/_43511695'		1.27	3.33	3.33	0.06	0.5	3.33	1.76 No	0.06 Thermal Discharging
TLK073	301	'4420723_/_4420720'		1	3.33	3.33	0.06	0.3	3.33	1.76 No	0.06 Thermal Discharging
TLK073	302	'43511923_/_4421636'		1	3.33	3.33	0.06	0.3	3.33	1.76 No	0.06 Thermal Discharging
TLK073	303	'7632785_/_7632782'		4.9	10	10	0.19	2.2	10	5.27 No	0.19 Thermal Discharging
TLK073	304	'43511715_/_4421282'		3.33	3.33	3.33	0.06	0.5	3.33	1.76 No	0.06 Thermal Discharging
TLK073	305	'43513803_/_4431230'		1.43	3.33	3.33	0.06	0.47	3.33	1.76 No	0.06 Thermal Discharging
TLK073	306	'4421639_/_43511925'		0.97	3.33	3.33	0.06	0.3	3.33	1.76 No	0.06 Thermal Discharging
TLK073	307	'8662726_/_583699568_2'		0.9	3.33	3.33	0.06	0.3	3.33	1.76 No	0.06 Thermal Discharging
TLK073	308	'4421246_/_4421243'		1.1	3.33	3.33	0.06	0.5	3.33	1.76 No	0.06 Thermal Discharging
TLK073	309	'4431041_/_4432156'		1.1	3.33	3.33	0.06	0.5	3.33	1.76 No	0.06 Thermal Discharging
TLK073	310	'7316707_/_8265583'		4.3	10	10	0.19	2.2	10	5.27 No	0.19 Thermal Discharging
TLK073	311	'4421298_/_43511717'		1.73	3.33	3.33	0.06	0.5	3.33	1.76 No	0.06 Thermal Discharging
TLK073	312	'44659829_/_4431243'		1.27	3.33	3.33	0.06	0.47	3.33	1.76 No	0.06 Thermal Discharging
TLK073	313	'7316708_/_7316705'		3.7	10	10	0.19	2.2	10	5.27 No	0.19 Thermal Discharging
TLK073	314	'4421314_/_4421311'		1.47	3.33	3.33	0.06	0.5	3.33	1.76 No	0.06 Thermal Discharging
TLK073	315	'4400489_/_4421256'		0.97	3.33	3.33	0.06	0.5	3.33	1.76 No	0.06 Thermal Discharging
TLK073	316	'4421271_/_4431039'		0.97	3.33	3.33	0.06	0.5	3.33	1.76 No	0.06 Thermal Discharging
TLK073	317	'4427737_/_4427734'		1.37	3.33	3.33	0.06	0.5	3.33	1.76 No	0.06 Thermal Discharging
TLK073	318	'4427750_/_4427747'		1.27	3.33	3.33	0.06	0.5	3.33	1.76 No	0.06 Thermal Discharging
TLK073	319	'4400490_/_4400487'		0.87	3.33	3.33	0.06	0.5	3.33	1.76 No	0.06 Thermal Discharging
TLK073	320	'43511704_/_4421269'		0.83	3.33	3.33	0.06	0.5	3.33	1.76 No	0.06 Thermal Discharging
TLK073	321	'43513549_/_4430586'		1.1	3.33	3.33	0.06	0.5	3.33	1.76 No	0.06 Thermal Discharging
TLK073	322	'4430294_/_4430291'		1.03	3.33	3.33	0.06	0.5	3.33	1.76 No	0.06 Thermal Discharging
TLK073	323	'7316727_/_8575952_1'		2.7	10	10	0.19	2.3	10	5.27 No	0.19 Thermal Discharging
TLK073	324	'4430307_/_4430304'		0.97	3.33	3.33	0.06	0.5	3.33	1.76 No	0.06 Thermal Discharging
TLK073	325	'4421272_/_43511706'		0.73	3.33	3.33	0.06	0.5	3.33	1.76 No	0.06 Thermal Discharging
TLK073	326	'43513560_/_4430317'		0.9	3.33	3.33	0.06	0.5	3.33	1.76 No	0.06 Thermal Discharging
TLK073	327	'4430333_/_43513562'		0.87	3.33	3.33	0.06	0.5	3.33	1.76 No	0.06 Thermal Discharging
TLK073	328	'4430346_/_4430343'		0.8	3.33	3.33	0.06	0.5	3.33	1.76 No	0.06 Thermal Discharging
TLK073	329	'4430362_/_4430359'		0.73	3.33	3.33	0.06	0.5	3.33	1.76 No	0.06 Thermal Discharging
TLK073	330	'4430404_/_4430401'		0.73	3.33	3.33	0.06	0.5	3.33	1.76 No	0.06 Thermal Discharging
TLK073	331	'45250249_/_4430388'		0.7	3.33	3.33	0.06	0.5	3.33	1.76 No	0.06 Thermal Discharging
TLK073	332	'4430563_/_4430560'		0.7	3.33	3.33	0.06	0.5	3.33	1.76 No	0.06 Thermal Discharging
TLK073	333	'4430416_/_4430573'		0.67	3.33	3.33	0.06	0.5	3.33	1.76 No	0.06 Thermal Discharging
TLK073	334	'43513571_/_4430414'		0.63	3.33	3.33	0.06	0.5	3.33	1.76 No	0.06 Thermal Discharging
TLK073	335	'4430417_/_4430430_1'		0.63	3.33	3.33	0.06	0.5	3.33	1.76 No	0.06 Thermal Discharging
TLK073	336	'44659815_/_4430430_2'		0.6	3.33	3.33	0.06	0.5	3.33	1.76 No	0.06 Thermal Discharging
TLK075	0	'TLK075_/_594330709'		10	10	10	0.33	10	10	10 No	0.33 Thermal Discharging
TLK075	1	'594330684_/_594330709'		10	10	10	0.33	10	10	6.87 No	0.33 Thermal Discharging
TLK075	2	'594330659_/_594330681'		10	10	10	0.33	10	10	6.87 No	0.33 Thermal Discharging
TLK075	3	'594330634_/_594330656'		10	10	10	0.33	10	10	6.87 No	0.33 Thermal Discharging
TLK075	4	'594330605_/_594330631'		10	10	10	0.33	10	10	6.87 No	0.33 Thermal Discharging
TLK075	5	'594330570_/_594330602'		10	10	10	0.33	10	10	6.87 No	0.33 Thermal Discharging
TLK075	6	'594330530_/_594330582'		10	10	10	0.33	10	10	6.87 No	0.33 Thermal Discharging
TLK075	7	'594330477_/_594330527'		10	10	10	0.33	10	10	6.87 No	0.33 Thermal Discharging
TLK075	8	'8041124_/_594330474'		10	10	10	0.33	10	10	6.87 No	0.33 Thermal Discharging
TLK075	9	'114816710_/_594330500_1'		10	10	10	0.33	10	10	6.87 No	0.33 Thermal Discharging
TLK075	10	'50668567_/_594330500_2'		10	10	10	0.33	10	10	6.87 No	0.33 Thermal Discharging
TLK075	11	'5531792_/_5532317'		10	10	10	0.33	10	10	6.87 No	0.33 Thermal Discharging
TLK075	12	'43733727_/_43733729'		10	10	10	0.33	10	10	6.87 No	0.33 Thermal Discharging
TLK075	13	'5531758_/_5531772'		10	10	10	0.33	10	10	6.87 No	0.33 Thermal Discharging
TLK075	14	'5531741_/_5531755'		10	10	10	0.33	10	10	6.87 No	0.33 Thermal Discharging
TLK075	15	'5531724_/_5531738'		10	10	10	0.33	10	10	6.87 No	0.33 Thermal Discharging
TLK075	16	'5531707_/_5531721'		10	10	10	0.33	10	10	6.87 No	0.33 Thermal Discharging
TLK075	17	'43733714_/_43733716'		10	10	10	0.33	10	10	6.87 No	0.33 Thermal Discharging
TLK075	18	'5531673_/_5531687'		10	10	10	0.33	10	10	6.87 No	0.33 Thermal Discharging
TLK075	19	'5531656_/_5531670'		10	10	10	0.33	10	10	6.87 No	0.33 Thermal Discharging
TLK075	20	'5531639_/_5531653'		10	10	10	0.33	10	10	6.87 No	0.33 Thermal Discharging
TLK075	21	'5531622_/_5531636'		10	10	10	0.33	10	10	6.87 No	0.33 Thermal Discharging
TLK075	22	'5531605_/_5531619'		10	10	10	0.33	10	10	6.87 No	0.33 Thermal Discharging
TLK075	23	'43733701_/_5531602'		10	10	10	0.33	10	10	6.87 No	0.33 Thermal Discharging
TLK075	24	'5531571_/_5531585'		10	10	10	0.33	10	10	6.87 No	0.33 Thermal Discharging
TLK075	25	'5531554_/_5531568'		10	10	10	0.33	10	10	6.87 No	0.33 Thermal Discharging
TLK075	26	'43733688_/_43733690'		10	10	10	0.33	10	10	6.87 No	0.33 Thermal Discharging
TLK075	27	'5531536_/_5531534'		10	10	10	0.33	10	10	6.87 No	0.33 Thermal Discharging
TLK075	28	'43731497_/_43731499'		10	10	10	0.33	10	10	6.87 No	0.33 Thermal Discharging
TLK075	29	'5536748_/_5536782'		10	10	10	0.33	10	10	6.87 No	0.33 Thermal Discharging
TLK075	30	'5531520_/_5536745'		10	10	10	0.33	10	10	6.87 No	0.33 Thermal Discharging
TLK075	31	'633302425_/_5531806'		10	10	10	0.33	10	10	6.87 No	0.33 Thermal Discharging
TLK075	32	'5531808_/_633302429_1'		10	10	10	0.33	10	10	6.87 No	0.33 Thermal Discharging
TLK075	33	'5531503_/_5531517'		10	10	10	0.33	10	10	6.87 No	0.33 Thermal Discharging
TLK075	34	'5531809_/_633302429_2'		10	10	10	0.33	10	10	6.87 No	0.33 Thermal Discharging
TLK075	35	'43733675_/_5531500'		10	10	10	0.33	10	10	6.87 No	0.33 Thermal Discharging
TLK075	36	'43733740_/_5531823'		10	10	10	0.33	10	10	6.87 No	0.33 Thermal Discharging
TLK075	37	'718260962_/_5531840'		10	10	10	0.33	10	10	6.87 No	0.33 Thermal Discharging
TLK075	38	'718261108_/_718261020_1'		10	10	10	0.33	1.4	10	6.87 No	0.33 Thermal Discharging
TLK075	39	'5531469_/_5531483'		10	10	10	0.33	10	10	6.87 No	0.33 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over- Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TLK075	40	'5531843_/718260968'		10	10	10	0.33	10	10	6.87 No	0.33 Thermal Discharging
TLK075	41	'5531069_/5531466'		10	10	10	0.33	10	10	6.87 No	0.33 Thermal Discharging
TLK075	42	'5526613_/5531066'		10	10	10	0.33	10	10	6.87 No	0.33 Thermal Discharging
TLK075	43	'8041305_/9297962_1'		10	10	10	0.33	1.4	10	6.87 No	0.33 Thermal Discharging
TLK075	44	'5531860_/5531857'		10	10	10	0.33	10	10	6.87 No	0.33 Thermal Discharging
TLK075	45	'5539487_/5539484'		10	10	10	0.33	10	10	6.87 No	0.33 Thermal Discharging
TLK075	46	'5531035_/5531049'		10	10	10	0.33	10	10	6.87 No	0.33 Thermal Discharging
TLK075	47	'253219230_/253219123_1'		10	10	10	0.33	10	10	6.87 No	0.33 Thermal Discharging
TLK075	48	'718260989_/718261020_2'		10	10	10	0.33	1.4	10	6.87 No	0.33 Thermal Discharging
TLK075	49	'5531018_/5531032'		10	10	10	0.33	10	10	6.87 No	0.33 Thermal Discharging
TLK075	50	'43733206_/5539501'		10	10	10	0.33	10	10	6.87 No	0.33 Thermal Discharging
TLK075	51	'9297965_/9297962_2'		10	10	10	0.33	1.4	10	6.87 No	0.33 Thermal Discharging
TLK075	52	'5531877_/5531874'		10	10	10	0.33	10	10	6.87 No	0.33 Thermal Discharging
TLK075	53	'5539504_/5539518_1'		10	10	10	0.33	2.3	10	6.87 No	0.33 Thermal Discharging
TLK075	54	'5526373_/5526370_2'	3.33		3.33	3.33	0.11	1	3.33	2.29 No	0.11 Thermal Discharging
TLK075	55	'5526305_/5531015'		10	10	10	0.33	10	10	6.87 No	0.33 Thermal Discharging
TLK075	56	'5526385_/5539518_2'		10	10	10	0.33	2.3	10	6.87 No	0.33 Thermal Discharging
TLK075	57	'5531894_/5531891'		10	10	10	0.33	10	10	6.87 No	0.33 Thermal Discharging
TLK075	58	'8125989_/9070269_1'		10	10	10	0.33	1.4	10	6.87 No	0.33 Thermal Discharging
TLK075	59	'5530984_/5530998'		10	10	10	0.33	10	10	6.87 No	0.33 Thermal Discharging
TLK075	60	'5555282_/7098477'		10	10	10	0.33	10	10	6.87 No	0.33 Thermal Discharging
TLK075	61	'5539538_/5539535'		10	10	10	0.33	2.3	10	6.87 No	0.33 Thermal Discharging
TLK075	62	'5526318_/5526636_1'	3.33		3.33	3.33	0.11	0.4	3.33	2.29 No	0.11 Thermal Discharging
TLK075	63	'5558401_/5558398'		10	10	10	0.33	10	10	6.87 No	0.33 Thermal Discharging
TLK075	64	'8126009_/9070269_2'		10	10	10	0.33	1.4	10	6.87 No	0.33 Thermal Discharging
TLK075	65	'5526304_/5541097_2'	3.33		3.33	3.33	0.11	1	3.33	2.29 No	0.11 Thermal Discharging
TLK075	66	'5539555_/5539552'		10	10	10	0.33	2.3	10	6.87 No	0.33 Thermal Discharging
TLK075	67	'5558699_/5558696'		10	10	10	0.33	10	10	6.87 No	0.33 Thermal Discharging
TLK075	68	'5530967_/5530981'		10	10	10	0.33	10	10	6.87 No	0.33 Thermal Discharging
TLK075	69	'5555283_/5555280'		10	10	10	0.33	10	10	6.87 No	0.33 Thermal Discharging
TLK075	70	'8982824_/8982821'	3.33		3.33	3.33	0.11	0.4	3.33	2.29 No	0.11 Thermal Discharging
TLK075	71	'5524591_/5530964'		10	10	10	0.33	10	10	6.87 No	0.33 Thermal Discharging
TLK075	72	'5556792_/5558713'		10	10	10	0.33	10	10	6.87 No	0.33 Thermal Discharging
TLK075	73	'5526386_/5526396_1'	3.33		3.33	3.33	0.11	0.4	3.33	2.29 No	0.11 Thermal Discharging
TLK075	74	'43733193_/5539569'		10	10	10	0.33	2.3	10	6.87 No	0.33 Thermal Discharging
TLK075	75	'5526360_/5526370_1'	3.33		3.33	3.33	0.11	0.4	3.33	2.29 No	0.11 Thermal Discharging
TLK075	76	'5530703_/5530717'		10	10	10	0.33	10	10	6.87 No	0.33 Thermal Discharging
TLK075	77	'5556050_/5556047'		10	10	10	0.33	10	10	6.87 No	0.33 Thermal Discharging
TLK075	78	'43735440_/5558415'		10	10	10	0.33	10	10	6.87 No	0.33 Thermal Discharging
TLK075	79	'5524604_/5524617_1'	3.33		3.33	3.33	0.11	0.4	3.33	2.29 No	0.11 Thermal Discharging
TLK075	80	'5530686_/5530700'		10	10	10	0.33	10	10	6.87 No	0.33 Thermal Discharging
TLK075	81	'5534844_/5556064'		10	10	10	0.33	10	10	6.87 No	0.33 Thermal Discharging
TLK075	82	'5539589_/43733195'		10	10	10	0.33	2.3	10	6.87 No	0.33 Thermal Discharging
TLK075	83	'5524575_/5524572_2'	3.33		3.33	3.33	0.11	1	3.33	2.29 No	0.11 Thermal Discharging
TLK075	84	'5557050_/43735442'		10	10	10	0.33	10	10	6.87 No	0.33 Thermal Discharging
TLK075	85	'5539606_/5539603'		10	10	10	0.33	2.3	10	6.87 No	0.33 Thermal Discharging
TLK075	86	'8662972_/8662969'		10	10	10	0.33	1.4	10	6.87 No	0.33 Thermal Discharging
TLK075	87	'5534791_/5534789_1'	3.33		3.33	3.33	0.11	0.4	3.33	2.29 No	0.11 Thermal Discharging
TLK075	88	'5511344_/5530683'		10	10	10	0.33	10	10	6.87 No	0.33 Thermal Discharging
TLK075	89	'5544379_/5544393_1'		10	10	10	0.33	1.5	10	6.87 No	0.33 Thermal Discharging
TLK075	90	'43733180_/5539892'		10	10	10	0.33	2.3	10	6.87 No	0.33 Thermal Discharging
TLK075	91	'665112698_/5511355_1'	3.33		3.33	3.33	0.11	0.4	3.33	2.29 No	0.11 Thermal Discharging
TLK075	92	'7718863_/7718880_1'		10	10	10	0.33	1.4	10	6.87 No	0.33 Thermal Discharging
TLK075	93	'43737696_/5534789_2'	3.33		3.33	3.33	0.11	0.4	3.33	2.29 No	0.11 Thermal Discharging
TLK075	94	'5530649_/5530663'		10	10	10	0.33	10	10	6.87 No	0.33 Thermal Discharging
TLK075	95	'43735453_/5556790'		10	10	10	0.33	6.7	10	6.87 No	0.33 Thermal Discharging
TLK075	96	'5530632_/5530646'		10	10	10	0.33	10	10	6.87 No	0.33 Thermal Discharging
TLK075	97	'5534792_/43737698'	3.33		3.33	3.33	0.11	0.4	3.33	2.29 No	0.11 Thermal Discharging
TLK075	98	'5530615_/5530629'		10	10	10	0.33	10	10	6.87 No	0.33 Thermal Discharging
TLK075	99	'8126008_/8126006'		10	10	10	0.33	1.4	10	6.87 No	0.33 Thermal Discharging
TLK075	100	'43737707_/5534842'		10	10	10	0.33	6.8	10	6.87 No	0.33 Thermal Discharging
TLK075	101	'5525298_/5526636_2'	3.33		3.33	3.33	0.11	0.4	3.33	2.29 No	0.11 Thermal Discharging
TLK075	102	'5524445_/5530612'		10	10	10	0.33	10	10	6.87 No	0.33 Thermal Discharging
TLK075	103	'43738342_/7177680'		10	10	10	0.33	4.5	10	6.87 No	0.33 Thermal Discharging
TLK075	104	'5534808_/43737709'		10	10	10	0.33	6.8	10	6.87 No	0.33 Thermal Discharging
TLK075	105	'5524446_/5541410_1'		10	10	10	0.33	3.4	10	6.87 No	0.33 Thermal Discharging
TLK075	106	'43732898_/5530595'		10	10	10	0.33	10	10	6.87 No	0.33 Thermal Discharging
TLK075	107	'43735845_/5544393_2'		10	10	10	0.33	1.5	10	6.87 No	0.33 Thermal Discharging
TLK075	108	'5524620_/5524617_2'	3.33		3.33	3.33	0.11	0.4	3.33	2.29 No	0.11 Thermal Discharging
TLK075	109	'5524562_/5524572_1'	3.33		3.33	3.33	0.11	0.4	3.33	2.29 No	0.11 Thermal Discharging
TLK075	110	'5526399_/5526396_2'	3.33		3.33	3.33	0.11	0.4	3.33	2.29 No	0.11 Thermal Discharging
TLK075	111	'5556793_/43735455'		10	10	10	0.33	6.7	10	6.87 No	0.33 Thermal Discharging
TLK075	112	'5526292_/5541097_1'	3.33		3.33	3.33	0.11	0.4	3.33	2.29 No	0.11 Thermal Discharging
TLK075	113	'43733069_/5526357'	3.33		3.33	3.33	0.11	0.4	3.33	2.29 No	0.11 Thermal Discharging
TLK075	114	'5530580_/5530578'		10	10	10	0.33	10	10	6.87 No	0.33 Thermal Discharging
TLK075	115	'43737461_/5534825'		10	10	10	0.33	6.8	10	6.87 No	0.33 Thermal Discharging
TLK075	116	'43737047_/5556001'		10	10	10	0.33	4.5	10	6.87 No	0.33 Thermal Discharging
TLK075	117	'5532155_/5532206'		10	10	10	0.33	10	10	6.87 No	0.33 Thermal Discharging
TLK075	118	'43732865_/43732867'	3.33		3.33	3.33	0.11	1	3.33	2.29 No	0.11 Thermal Discharging
TLK075	119	'7193175_/7193172'		10	10	10	0.33	4.5	10	6.87 No	0.33 Thermal Discharging
TLK075	120	'671927272_/5541410_2'		10	10	10	0.33	1.4	10	6.87 No	0.33 Thermal Discharging
TLK075	121	'7508962_/7508960_1'		10	10	10	0.33	0.9	10	6.87 No	0.33 Thermal Discharging
TLK075	122	'5530777_/5532152'		10	10	10	0.33	10	10	6.87 No	0.33 Thermal Discharging
TLK075	123	'43732933_/5511355_2'	3.33		3.33	3.33	0.11	0.4	3.33	2.29 No	0.11 Thermal Discharging
TLK075	124	'5526652_/5526649'		10	10	10	0.33	2.3	10	6.87 No	0.33 Thermal Discharging
TLK075	125	'5544416_/5544413'		10	10	10	0.33	1.5	10	6.87 No	0.33 Thermal Discharging
TLK075	126	'5524420_/5524417_2'	3.33		3.33	3.33	0.11	1	3.33	2.29 No	0.11 Thermal Discharging
TLK075	127	'587626230_/7098378'		10	10	10	0.33	2.3	10	6.87 No	0.33 Thermal Discharging
TLK075	128	'5530760_/5530774'		10	10	10	0.33	10	10	6.87 No	0.33 Thermal Discharging
TLK075	129	'57290944_/43737463'		10	10	10	0.33	6.8	10	6.87 No	0.33 Thermal Discharging
TLK075	130	'57290706_/57290779'		10	10	10	0.33	6.8	10	6.87 No	0.33 Thermal Discharging
TLK075	131	'706998800_/524902517_1'		10	10	10	0.33	1.4	10	6.87 No	0.33 Thermal Discharging
TLK075	132	'43732944_/5530757'		10	10	10	0.33	10	10	6.87 No	0.33 Thermal Discharging
TLK075	133	'7508963_/7508960_2'		10	10	10	0.33	0.9	10	6.87 No	0.33 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over- Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TLK075	134	'5534717_/_587626234'	10	10	10	0.33	2.3	10	6.87 No	0.33	Thermal Discharging
TLK075	135	'5525299_/_5525296'	3.33	3.33	3.33	0.11	0.4	3.33	2.29 No	0.11	Thermal Discharging
TLK075	136	'5530739_/_5530737'	10	10	10	0.33	10	10	6.87 No	0.33	Thermal Discharging
TLK075	137	'5556027_/_5556024'	10	10	10	0.33	3.4	10	6.87 No	0.33	Thermal Discharging
TLK075	138	'8041244_/_8738362'	10	10	10	0.33	1.4	10	6.87 No	0.33	Thermal Discharging
TLK075	139	'5534718_/_5534715'	6.67	6.67	6.67	0.22	1.53	6.67	4.58 No	0.22	Thermal Discharging
TLK075	140	'57290943_/_57290921'	10	10	10	0.33	4.5	10	6.87 No	0.33	Thermal Discharging
TLK075	141	'9386479_/_9386476'	10	10	10	0.33	1.4	10	6.87 No	0.33	Thermal Discharging
TLK075	142	'5528759_/_5532280'	10	10	10	0.33	10	10	6.87 No	0.33	Thermal Discharging
TLK075	143	'5526279_/_43733115'	3.33	3.33	3.33	0.11	0.4	3.33	2.29 No	0.11	Thermal Discharging
TLK075	144	'5526459_/_5544430'	10	10	10	0.33	1.5	10	6.87 No	0.33	Thermal Discharging
TLK075	145	'5534768_/_5555436'	10	10	10	0.33	6.8	10	6.87 No	0.33	Thermal Discharging
TLK075	146	'530464904_/_8662913_1'	3.33	3.33	3.33	0.11	0.4	3.33	2.29 No	0.11	Thermal Discharging
TLK075	147	'5512228_/_5528756'	10	10	10	0.33	10	10	6.87 No	0.33	Thermal Discharging
TLK075	148	'43732968_/_5524559'	3.33	3.33	3.33	0.11	0.4	3.33	2.29 No	0.11	Thermal Discharging
TLK075	149	'5527973_/_5527970'	3.33	3.33	3.33	0.11	0.4	3.33	2.29 No	0.11	Thermal Discharging
TLK075	150	'43728006_/_5528722'	10	10	10	0.33	10	10	6.87 No	0.33	Thermal Discharging
TLK075	151	'5512215_/_43727907_2'	6.67	6.67	6.67	0.22	3	6.67	4.58 No	0.22	Thermal Discharging
TLK075	152	'5552092_/_5555300'	10	10	10	0.33	6.8	10	6.87 No	0.33	Thermal Discharging
TLK075	153	'5512202_/_43731297_2'	3.33	3.33	3.33	0.11	1	3.33	2.29 No	0.11	Thermal Discharging
TLK075	154	'524902501_/_524902517_2'	10	10	10	0.33	1.4	10	6.87 No	0.33	Thermal Discharging
TLK075	155	'43733230_/_5526701'	10	10	10	0.33	2.3	10	6.87 No	0.33	Thermal Discharging
TLK075	156	'5528741_/_5533549'	10	10	10	0.33	10	10	6.87 No	0.33	Thermal Discharging
TLK075	157	'5556004_/_43737049'	10	10	10	0.33	4.5	10	6.87 No	0.33	Thermal Discharging
TLK075	158	'43732236_/_5541410_3'	10	10	10	0.33	1.4	10	6.87 No	0.33	Thermal Discharging
TLK075	159	'43732854_/_5524417_1'	3.33	3.33	3.33	0.01	1	3.33	2.29 No	0.01	Thermal Discharging
TLK075	160	'5528742_/_5528739_1'	10	10	10	0.33	10	10	6.87 No	0.33	Thermal Discharging
TLK075	161	'5526343_/_5526341'	3.33	3.33	3.33	0.11	0.4	3.33	2.29 No	0.11	Thermal Discharging
TLK075	162	'43727993_/_5528739_2'	10	10	10	0.33	10	10	6.87 No	0.33	Thermal Discharging
TLK075	163	'5533575_/_43727995'	10	10	10	0.33	10	10	6.87 No	0.33	Thermal Discharging
TLK075	164	'5552115_/_5555453'	10	10	10	0.33	6.7	10	6.87 No	0.33	Thermal Discharging
TLK075	165	'5526415_/_5526412'	3.33	3.33	3.33	0.11	0.4	3.33	2.29 No	0.11	Thermal Discharging
TLK075	166	'5533592_/_5533589'	10	10	10	0.33	10	10	6.87 No	0.33	Thermal Discharging
TLK075	167	'5552093_/_5552090'	10	10	10	0.33	4.5	10	6.87 No	0.33	Thermal Discharging
TLK075	168	'5535696_/_5535693'	10	10	10	0.33	10	10	6.87 No	0.33	Thermal Discharging
TLK075	169	'43731295_/_43731297_1'	3.33	3.33	3.33	0.11	0.4	3.33	2.29 No	0.11	Thermal Discharging
TLK075	170	'5526996_/_43732935'	3.33	3.33	3.33	0.11	0.4	3.33	2.29 No	0.11	Thermal Discharging
TLK075	171	'5526460_/_5526457'	10	10	10	0.33	1.5	10	6.87 No	0.33	Thermal Discharging
TLK075	172	'5525060_/_5535710'	10	10	10	0.33	10	10	6.87 No	0.33	Thermal Discharging
TLK075	173	'7098401_/_43733232'	10	10	10	0.33	2.3	10	6.87 No	0.33	Thermal Discharging
TLK075	174	'5552135_/_5555317'	10	10	10	0.33	6.7	10	6.87 No	0.33	Thermal Discharging
TLK075	175	'7718883_/_7718880_2'	10	10	10	0.33	1.4	10	6.87 No	0.33	Thermal Discharging
TLK075	176	'530464844_/_8041612_1'	10	10	10	0.33	1.4	10	6.87 No	0.33	Thermal Discharging
TLK075	177	'43733976_/_5525058'	10	10	10	0.33	10	10	6.87 No	0.33	Thermal Discharging
TLK075	178	'7718205_/_9297696'	3.33	3.33	3.33	0.11	0.3	3.33	2.29 No	0.11	Thermal Discharging
TLK075	179	'9297735_/_9683280'	3.33	3.33	3.33	0.11	0.4	3.33	2.29 No	0.11	Thermal Discharging
TLK075	180	'5526266_/_5526276'	3.33	3.33	3.33	0.11	0.4	3.33	2.29 No	0.11	Thermal Discharging
TLK075	181	'5524536_/_5524546'	3.33	3.33	3.33	0.11	0.4	3.33	2.29 No	0.11	Thermal Discharging
TLK075	182	'5533609_/_5533606'	10	10	10	0.33	10	10	6.87 No	0.33	Thermal Discharging
TLK075	183	'8354994_/_9609131_1'	3.33	3.33	3.33	0.11	0.3	3.33	2.29 No	0.11	Thermal Discharging
TLK075	184	'5525312_/_43731229'	3.33	3.33	3.33	0.11	0.4	3.33	2.29 No	0.11	Thermal Discharging
TLK075	185	'8041245_/_8041242'	10	10	10	0.33	1.4	10	6.87 No	0.33	Thermal Discharging
TLK075	186	'43733219_/_5526441'	3.33	3.33	3.33	0.11	0.4	3.33	2.29 No	0.11	Thermal Discharging
TLK075	187	'5544274_/_5544271'	10	10	10	0.33	10	10	6.87 No	0.33	Thermal Discharging
TLK075	188	'5544291_/_5544288'	10	10	10	0.33	10	10	6.87 No	0.33	Thermal Discharging
TLK075	189	'5555337_/_5555334'	10	10	10	0.33	6.7	10	6.87 No	0.33	Thermal Discharging
TLK075	190	'7718679_/_8041612_2'	10	10	10	0.33	1.4	10	6.87 No	0.33	Thermal Discharging
TLK075	191	'5534733_/_5534730'	6.67	6.67	6.67	0.22	1.53	6.67	4.58 No	0.22	Thermal Discharging
TLK075	192	'74328340_/_43727907_1'	6.67	6.67	6.67	0.22	1.5	6.67	4.58 No	0.22	Thermal Discharging
TLK075	193	'699508177_/_699508112_2'	10	10	10	0.33	5.1	10	6.87 No	0.33	Thermal Discharging
TLK075	194	'8662916_/_8662913_2'	3.33	3.33	3.33	0.11	0.4	3.33	2.29 No	0.11	Thermal Discharging
TLK075	195	'7387290_/_7387288_1'	3.33	3.33	3.33	0.11	0.4	3.33	2.29 No	0.11	Thermal Discharging
TLK075	196	'5513731_/_5513741'	3.33	3.33	3.33	0.11	0.4	3.33	2.29 No	0.11	Thermal Discharging
TLK075	197	'51407942_/_51407914'	10	10	10	0.33	6.7	10	6.87 No	0.33	Thermal Discharging
TLK075	198	'43733989_/_5544305'	10	10	10	0.33	10	10	6.87 No	0.33	Thermal Discharging
TLK075	199	'43735915_/_5544654'	3.33	3.33	3.33	0.11	0.4	3.33	2.29 No	0.11	Thermal Discharging
TLK075	200	'43733560_/_5543432'	3.33	3.33	3.33	0.11	0.4	3.33	2.29 No	0.11	Thermal Discharging
TLK075	201	'738400145_/_5526474'	10	10	10	0.33	1.5	10	6.87 No	0.33	Thermal Discharging
TLK075	202	'50178322_/_50178258_1'	10	10	10	0.33	1.5	10	6.87 No	0.33	Thermal Discharging
TLK075	203	'7387291_/_7387288_2'	3.33	3.33	3.33	0.11	0.4	3.33	2.29 No	0.11	Thermal Discharging
TLK075	204	'738400257_/_738400149_1'	10	10	10	0.33	0.9	10	6.87 No	0.33	Thermal Discharging
TLK075	205	'51407972_/_51407944'	10	10	10	0.33	6.7	10	6.87 No	0.33	Thermal Discharging
TLK075	206	'43734003_/_43733991'	10	10	10	0.33	10	10	6.87 No	0.33	Thermal Discharging
TLK075	207	'5524406_/_5524404'	3.33	3.33	3.33	0.01	1	3.33	2.29 No	0.01	Thermal Discharging
TLK075	208	'738400316_/_738400149_2'	10	10	10	0.33	0.9	10	6.87 No	0.33	Thermal Discharging
TLK075	209	'51408082_/_51407984'	10	10	10	0.33	6.7	10	6.87 No	0.33	Thermal Discharging
TLK075	210	'50178251_/_50178258_2'	10	10	10	0.33	1.5	10	6.87 No	0.33	Thermal Discharging
TLK075	211	'5533480_/_5533623'	10	10	10	0.33	10	10	6.87 No	0.33	Thermal Discharging
TLK075	212	'70250689_/_5533640_1'	10	10	10	0.33	10	10	6.87 No	0.33	Thermal Discharging
TLK075	213	'5555405_/_5555402'	10	10	10	0.33	6.7	10	6.87 No	0.33	Thermal Discharging
TLK075	214	'5533643_/_5533640_2'	10	10	10	0.33	10	10	6.87 No	0.33	Thermal Discharging
TLK075	215	'7718678_/_7718676_1'	10	10	10	0.33	0.9	10	6.87 No	0.33	Thermal Discharging
TLK075	216	'5526427_/_5536594'	3.33	3.33	3.33	0.11	0.4	3.33	2.29 No	0.11	Thermal Discharging
TLK075	217	'5511332_/_43732238'	3.33	3.33	3.33	0.11	0.47	3.33	2.29 No	0.11	Thermal Discharging
TLK075	218	'5526477_/_738400149_3'	10	10	10	0.33	0.9	10	6.87 No	0.33	Thermal Discharging
TLK075	219	'5533660_/_5533657'	10	10	10	0.33	10	10	6.87 No	0.33	Thermal Discharging
TLK075	220	'9297666_/_9609131_2'	3.33	3.33	3.33	0.11	0.3	3.33	2.29 No	0.11	Thermal Discharging
TLK075	221	'8041089_/_8662515'	10	10	10	0.33	1.4	10	6.87 No	0.33	Thermal Discharging
TLK075	222	'50178292_/_50178299'	10	10	10	0.33	1.5	10	6.87 No	0.33	Thermal Discharging
TLK075	223	'5525077_/_5527006'	3.33	3.33	3.33	0.11	0.4	3.33	2.29 No	0.11	Thermal Discharging
TLK075	224	'5513718_/_5513728'	3.33	3.33	3.33	0.11	0.4	3.33	2.29 No	0.11	Thermal Discharging
TLK075	225	'43734027_/_5533674'	10	10	10	0.33	10	10	6.87 No	0.33	Thermal Discharging
TLK075	226	'5511926_/_5511936'	6.67	6.67	6.67	0.22	1.5	6.67	4.58 No	0.22	Thermal Discharging
TLK075	227	'5526253_/_5526263'	3.33	3.33	3.33	0.11	0.4	3.33	2.29 No	0.11	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TLK075	228	'5524730_/_43734029'	10	10	10	0.33	10	10	6.87	No	0.33 Thermal Discharging
TLK075	229	'5528132_/_5528129'	3.33	3.33	3.33	0.11	0.4	3.33	2.29	No	0.11 Thermal Discharging
TLK075	230	'5524523_/_5524533'	3.33	3.33	3.33	0.11	0.4	3.33	2.29	No	0.11 Thermal Discharging
TLK075	231	'5511964_/_5511962_2'	3.33	3.33	3.33	0.11	0.75	3.33	2.29	No	0.11 Thermal Discharging
TLK075	232	'43734040_/_5524728'	10	10	10	0.33	10	10	6.87	No	0.33 Thermal Discharging
TLK075	233	'5511977_/_5511975_1'	3.33	3.33	3.33	0.11	0.4	3.33	2.29	No	0.11 Thermal Discharging
TLK075	234	'5534754_/_5534751'	6.67	6.67	6.67	0.22	1.53	6.67	4.58	No	0.22 Thermal Discharging
TLK075	235	'7789012_/_699508112_1'	10	10	10	0.33	1.4	10	6.87	No	0.33 Thermal Discharging
TLK075	236	'9297734_/_9297732'	3.33	3.33	3.33	0.11	0.4	3.33	2.29	No	0.11 Thermal Discharging
TLK075	237	'5524748_/_43734042'	10	10	10	0.33	10	10	6.87	No	0.33 Thermal Discharging
TLK075	238	'5511597_/_5526494'	6.67	6.67	6.67	0.22	0.6	6.67	4.58	No	0.22 Thermal Discharging
TLK075	239	'43734053_/_5524799'	10	10	10	0.33	10	10	6.87	No	0.33 Thermal Discharging
TLK075	240	'763017506_/_763017532'	3.33	3.33	3.33	0.11	0.3	3.33	2.29	No	0.11 Thermal Discharging
TLK075	241	'5511978_/_5511975_2'	3.33	3.33	3.33	0.11	0.4	3.33	2.29	No	0.11 Thermal Discharging
TLK075	242	'7718188_/_9297664_1'	3.33	3.33	3.33	0.11	0.3	3.33	2.29	No	0.11 Thermal Discharging
TLK075	243	'7788995_/_7788993'	3.33	3.33	3.33	0.11	0.4	3.33	2.29	No	0.11 Thermal Discharging
TLK075	244	'5524765_/_43734055'	10	10	10	0.33	10	10	6.87	No	0.33 Thermal Discharging
TLK075	245	'5524394_/_5544464'	3.33	3.33	3.33	0.01	1	3.33	2.29	No	0.01 Thermal Discharging
TLK075	246	'5513717_/_5513715'	3.33	3.33	3.33	0.11	0.4	3.33	2.29	No	0.11 Thermal Discharging
TLK075	247	'5526570_/_5526567'	10	10	10	0.33	0.9	10	6.87	No	0.33 Thermal Discharging
TLK075	248	'5527985_/_43733562'	3.33	3.33	3.33	0.11	0.4	3.33	2.29	No	0.11 Thermal Discharging
TLK075	249	'5511913_/_5511923'	3.33	3.33	3.33	0.11	0.75	3.33	2.29	No	0.11 Thermal Discharging
TLK075	250	'5544628_/_5544641'	3.33	3.33	3.33	0.11	0.4	3.33	2.29	No	0.11 Thermal Discharging
TLK075	251	'5524713_/_5533708'	10	10	10	0.33	10	10	6.87	No	0.33 Thermal Discharging
TLK075	252	'43733102_/_5526250'	3.33	3.33	3.33	0.11	0.4	3.33	2.29	No	0.11 Thermal Discharging
TLK075	253	'701986959_/_644162991_1'	10	10	10	0.33	1.4	10	6.87	No	0.33 Thermal Discharging
TLK075	254	'5528145_/_5528142'	3.33	3.33	3.33	0.11	0.4	3.33	2.29	No	0.11 Thermal Discharging
TLK075	255	'43734066_/_5524711'	10	10	10	0.33	10	10	6.87	No	0.33 Thermal Discharging
TLK075	256	'5526428_/_5526425'	3.33	3.33	3.33	0.11	0.4	3.33	2.29	No	0.11 Thermal Discharging
TLK075	257	'5511598_/_5511595'	6.67	6.67	6.67	0.22	0.6	6.67	4.58	No	0.22 Thermal Discharging
TLK075	258	'43731172_/_5525075'	3.33	3.33	3.33	0.11	0.4	3.33	2.29	No	0.11 Thermal Discharging
TLK075	259	'8662554_/_699508101'	10	10	10	0.33	1.4	10	6.87	No	0.33 Thermal Discharging
TLK075	260	'8662537_/_9609183_1'	3.33	3.33	3.33	0.11	0.4	3.33	2.29	No	0.11 Thermal Discharging
TLK075	261	'5526444_/_43733221'	3.33	3.33	3.33	0.11	0.4	3.33	2.29	No	0.11 Thermal Discharging
TLK075	262	'5528161_/_43733606'	3.33	3.33	3.33	0.11	0.4	3.33	2.29	No	0.11 Thermal Discharging
TLK075	263	'5524522_/_5524520'	3.33	3.33	3.33	0.11	0.4	3.33	2.29	No	0.11 Thermal Discharging
TLK075	264	'738400166_/_738400182'	10	10	10	0.33	1.5	10	6.87	No	0.33 Thermal Discharging
TLK075	265	'7718189_/_7718202'	3.33	3.33	3.33	0.11	0.3	3.33	2.29	No	0.11 Thermal Discharging
TLK075	266	'43732247_/_5540915'	3.33	3.33	3.33	0.11	0.47	3.33	2.29	No	0.11 Thermal Discharging
TLK075	267	'5526590_/_5526587'	10	10	10	0.33	0.9	10	6.87	No	0.33 Thermal Discharging
TLK075	268	'9055635_/_9055633_2'	10	10	10	0.33	0.9	10	6.87	No	0.33 Thermal Discharging
TLK075	269	'5512017_/_5512014'	3.33	3.33	3.33	0.11	0.4	3.33	2.29	No	0.11 Thermal Discharging
TLK075	270	'5510241_/_5511910'	3.33	3.33	3.33	0.11	0.75	3.33	2.29	No	0.11 Thermal Discharging
TLK075	271	'5526515_/_5526512'	3.33	3.33	3.33	0.11	0.3	3.33	2.29	No	0.11 Thermal Discharging
TLK075	272	'8355026_/_8355023'	3.33	3.33	3.33	0.11	0.4	3.33	2.29	No	0.11 Thermal Discharging
TLK075	273	'5511965_/_5511962_1'	3.33	3.33	3.33	0.11	0.4	3.33	2.29	No	0.11 Thermal Discharging
TLK075	274	'5524381_/_5524391'	3.33	3.33	3.33	0.01	1	3.33	2.29	No	0.01 Thermal Discharging
TLK075	275	'5526331_/_5544625'	3.33	3.33	3.33	0.11	0.4	3.33	2.29	No	0.11 Thermal Discharging
TLK075	276	'5527986_/_5527983'	3.33	3.33	3.33	0.11	0.4	3.33	2.29	No	0.11 Thermal Discharging
TLK075	277	'8041073_/_9609147_1'	3.33	3.33	3.33	0.11	0.3	3.33	2.29	No	0.11 Thermal Discharging
TLK075	278	'5526227_/_5526237'	3.33	3.33	3.33	0.11	0.4	3.33	2.29	No	0.11 Thermal Discharging
TLK075	279	'5528174_/_5528171'	3.33	3.33	3.33	0.11	0.4	3.33	2.29	No	0.11 Thermal Discharging
TLK075	280	'5513756_/_5513754'	3.33	3.33	3.33	0.11	0.4	3.33	2.29	No	0.11 Thermal Discharging
TLK075	281	'43733571_/_5527996'	3.33	3.33	3.33	0.11	0.4	3.33	2.29	No	0.11 Thermal Discharging
TLK075	282	'5525091_/_5525088'	3.33	3.33	3.33	0.11	0.4	3.33	2.29	No	0.11 Thermal Discharging
TLK075	283	'9055636_/_9055633_1'	10	10	10	0.33	0.9	10	6.87	No	0.33 Thermal Discharging
TLK075	284	'5535869_/_5535867'	3.33	3.33	3.33	0.11	0.4	3.33	2.29	No	0.11 Thermal Discharging
TLK075	285	'5527022_/_5527019'	3.33	3.33	3.33	0.11	0.4	3.33	2.29	No	0.11 Thermal Discharging
TLK075	286	'5528187_/_5528184'	3.33	3.33	3.33	0.11	0.4	3.33	2.29	No	0.11 Thermal Discharging
TLK075	287	'5510228_/_5510238'	3.33	3.33	3.33	0.11	0.75	3.33	2.29	No	0.11 Thermal Discharging
TLK075	288	'43735396_/_7098355'	10	10	10	0.33	0.9	10	6.87	No	0.33 Thermal Discharging
TLK075	289	'5526914_/_5540931'	3.33	3.33	3.33	0.11	0.47	3.33	2.29	No	0.11 Thermal Discharging
TLK075	290	'5510170_/_5510251'	3.33	3.33	3.33	0.11	0.75	3.33	2.29	No	0.11 Thermal Discharging
TLK075	291	'5541739_/_5541749'	3.33	3.33	3.33	0.11	0.4	3.33	2.29	No	0.11 Thermal Discharging
TLK075	292	'5513773_/_5513770'	3.33	3.33	3.33	0.11	0.4	3.33	2.29	No	0.11 Thermal Discharging
TLK075	293	'5510214_/_5510212_1'	3.33	3.33	3.33	0.11	0.4	3.33	2.29	No	0.11 Thermal Discharging
TLK075	294	'43733080_/_43733082'	3.33	3.33	3.33	0.11	0.4	3.33	2.29	No	0.11 Thermal Discharging
TLK075	295	'43733157_/_5526525'	3.33	3.33	3.33	0.11	0.3	3.33	2.29	No	0.11 Thermal Discharging
TLK075	296	'5511808_/_43727918'	3.33	3.33	3.33	0.11	0.4	3.33	2.29	No	0.11 Thermal Discharging
TLK075	297	'5526214_/_5526224'	3.33	3.33	3.33	0.11	0.4	3.33	2.29	No	0.11 Thermal Discharging
TLK075	298	'5528200_/_5528197'	3.33	3.33	3.33	0.11	0.4	3.33	2.29	No	0.11 Thermal Discharging
TLK075	299	'5528012_/_5528009'	3.33	3.33	3.33	0.11	0.4	3.33	2.29	No	0.11 Thermal Discharging
TLK075	300	'43732843_/_43732845'	3.33	3.33	3.33	0.01	1	3.33	2.29	No	0.01 Thermal Discharging
TLK075	301	'5513692_/_5513702'	3.33	3.33	3.33	0.11	0.4	3.33	2.29	No	0.11 Thermal Discharging
TLK075	302	'5553428_/_43735431'	3.33	3.33	3.33	0.11	0.3	3.33	2.29	No	0.11 Thermal Discharging
TLK075	303	'153504965_/_153504992'	10	10	10	0.33	0.9	10	6.87	No	0.33 Thermal Discharging
TLK075	304	'5510227_/_5510225'	3.33	3.33	3.33	0.11	0.75	3.33	2.29	No	0.11 Thermal Discharging
TLK075	305	'5510169_/_5510167'	3.33	3.33	3.33	0.11	0.4	3.33	2.29	No	0.11 Thermal Discharging
TLK075	306	'43733332_/_5541319'	3.33	3.33	3.33	0.11	0.4	3.33	2.29	No	0.11 Thermal Discharging
TLK075	307	'43727883_/_5510212_2'	3.33	3.33	3.33	0.11	0.4	3.33	2.29	No	0.11 Thermal Discharging
TLK075	308	'5525233_/_5528210'	3.33	3.33	3.33	0.11	0.4	3.33	2.29	No	0.11 Thermal Discharging
TLK075	309	'5541723_/_5541736'	3.33	3.33	3.33	0.11	0.4	3.33	2.29	No	0.11 Thermal Discharging
TLK075	310	'5513802_/_5513812'	3.33	3.33	3.33	0.11	0.4	3.33	2.29	No	0.11 Thermal Discharging
TLK075	311	'5526915_/_5526912'	3.33	3.33	3.33	0.11	0.47	3.33	2.29	No	0.11 Thermal Discharging
TLK075	312	'5526541_/_43733159'	3.33	3.33	3.33	0.11	0.3	3.33	2.29	No	0.11 Thermal Discharging
TLK075	313	'5511809_/_5511806'	3.33	3.33	3.33	0.11	0.4	3.33	2.29	No	0.11 Thermal Discharging
TLK075	314	'43735834_/_43735836'	3.33	3.33	3.33	0.11	0.4	3.33	2.29	No	0.11 Thermal Discharging
TLK075	315	'43733091_/_5526211'	3.33	3.33	3.33	0.11	0.4	3.33	2.29	No	0.11 Thermal Discharging
TLK075	316	'5526928_/_5526925'	3.33	3.33	3.33	0.11	0.47	3.33	2.29	No	0.11 Thermal Discharging
TLK075	317	'7387255_/_153504974'	10	10	10	0.33	0.9	10	6.87	No	0.33 Thermal Discharging
TLK075	318	'5526330_/_5526328'	3.33	3.33	3.33	0.11	0.4	3.33	2.29	No	0.11 Thermal Discharging
TLK075	319	'5524367_/_5524365'	3.33	3.33	3.33	0.01	1	3.33	2.29	No	0.01 Thermal Discharging
TLK075	320	'5513691_/_5513689'	3.33	3.33	3.33	0.11	0.4	3.33	2.29	No	0.11 Thermal Discharging
TLK075	321	'5525574_/_5525571'	3.33	3.33	3.33	0.11	0.4	3.33	2.29	No	0.11 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TLK075	322	'5525234_/43733617'	3.33	3.33	3.33	0.11	0.4	3.33	2.29 No	0.11	Thermal Discharging
TLK075	323	'5528025_/5528022'	3.33	3.33	3.33	0.11	0.4	3.33	2.29 No	0.11	Thermal Discharging
TLK075	324	'5541722_/5541720'	3.33	3.33	3.33	0.11	0.4	3.33	2.29 No	0.11	Thermal Discharging
TLK075	325	'5513614_/5513624'	3.33	3.33	3.33	0.11	0.75	3.33	2.29 No	0.11	Thermal Discharging
TLK075	326	'5513786_/5513799'	3.33	3.33	3.33	0.11	0.4	3.33	2.29 No	0.11	Thermal Discharging
TLK075	327	'43733523_/5526938'	3.33	3.33	3.33	0.11	0.47	3.33	2.29 No	0.11	Thermal Discharging
TLK075	328	'9297682_/9609147_2'	3.33	3.33	3.33	0.11	0.3	3.33	2.29 No	0.11	Thermal Discharging
TLK075	329	'5513653_/5513650_1'	3.33	3.33	3.33	0.11	0.5	3.33	2.29 No	0.11	Thermal Discharging
TLK075	330	'5513640_/5513650_2'	3.33	3.33	3.33	0.11	0.5	3.33	2.29 No	0.11	Thermal Discharging
TLK075	331	'5511822_/5511819'	3.33	3.33	3.33	0.11	0.4	3.33	2.29 No	0.11	Thermal Discharging
TLK075	332	'5510185_/5510196'	3.33	3.33	3.33	0.11	0.4	3.33	2.29 No	0.11	Thermal Discharging
TLK075	333	'5524510_/5544181'	3.33	3.33	3.33	0.11	0.4	3.33	2.29 No	0.11	Thermal Discharging
TLK075	334	'5526941_/5526954_1'	3.33	3.33	3.33	0.11	0.47	3.33	2.29 No	0.11	Thermal Discharging
TLK075	335	'729224280_/43733945'	3.33	3.33	3.33	0.11	0.4	3.33	2.29 No	0.11	Thermal Discharging
TLK075	336	'5526554_/5526551'	3.33	3.33	3.33	0.11	0.3	3.33	2.29 No	0.11	Thermal Discharging
TLK075	337	'5527035_/43733334'	3.33	3.33	3.33	0.11	0.4	3.33	2.29 No	0.11	Thermal Discharging
TLK075	338	'5525652_/5525662'	3.33	3.33	3.33	0.01	1	3.33	2.29 No	0.01	Thermal Discharging
TLK075	339	'5526188_/5526198'	3.33	3.33	3.33	0.11	0.4	3.33	2.29 No	0.11	Thermal Discharging
TLK075	340	'5525247_/5525244'	3.33	3.33	3.33	0.11	0.4	3.33	2.29 No	0.11	Thermal Discharging
TLK075	341	'5526957_/5526954_2'	3.33	3.33	3.33	0.11	0.47	3.33	2.29 No	0.11	Thermal Discharging
TLK075	342	'5513601_/5513637'	3.33	3.33	3.33	0.11	0.5	3.33	2.29 No	0.11	Thermal Discharging
TLK075	343	'5525560_/5525558'	3.33	3.33	3.33	0.11	0.4	3.33	2.29 No	0.11	Thermal Discharging
TLK075	344	'5513785_/5513783'	3.33	3.33	3.33	0.11	0.4	3.33	2.29 No	0.11	Thermal Discharging
TLK075	345	'5513613_/5513611'	3.33	3.33	3.33	0.11	0.75	3.33	2.29 No	0.11	Thermal Discharging
TLK075	346	'43733582_/5528035'	3.33	3.33	3.33	0.11	0.4	3.33	2.29 No	0.11	Thermal Discharging
TLK075	347	'43733243_/5526750'	3.33	3.33	3.33	0.11	0.3	3.33	2.29 No	0.11	Thermal Discharging
TLK075	348	'51210644_/51210641'	3.33	3.33	3.33	0.11	0.3	3.33	2.29 No	0.11	Thermal Discharging
TLK075	349	'5525260_/43731218'	3.33	3.33	3.33	0.11	0.4	3.33	2.29 No	0.11	Thermal Discharging
TLK075	350	'5524497_/5524507'	3.33	3.33	3.33	0.11	0.4	3.33	2.29 No	0.11	Thermal Discharging
TLK075	351	'5511835_/729224284'	3.33	3.33	3.33	0.11	0.4	3.33	2.29 No	0.11	Thermal Discharging
TLK075	352	'5526175_/5526185'	3.33	3.33	3.33	0.11	0.4	3.33	2.29 No	0.11	Thermal Discharging
TLK075	353	'5526970_/5526967'	3.33	3.33	3.33	0.11	0.47	3.33	2.29 No	0.11	Thermal Discharging
TLK075	354	'43727894_/5510183'	3.33	3.33	3.33	0.11	0.4	3.33	2.29 No	0.11	Thermal Discharging
TLK075	355	'5510114_/5513676'	3.33	3.33	3.33	0.11	0.5	3.33	2.29 No	0.11	Thermal Discharging
TLK075	356	'5524355_/5525649'	3.33	3.33	3.33	0.01	1	3.33	2.29 No	0.01	Thermal Discharging
TLK075	357	'43733225_/43733245'	3.33	3.33	3.33	0.11	0.3	3.33	2.29 No	0.11	Thermal Discharging
TLK075	358	'9297683_/9297680'	3.33	3.33	3.33	0.11	0.3	3.33	2.29 No	0.11	Thermal Discharging
TLK075	359	'5525273_/5525270'	3.33	3.33	3.33	0.11	0.4	3.33	2.29 No	0.11	Thermal Discharging
TLK075	360	'43733343_/5527045'	3.33	3.33	3.33	0.11	0.4	3.33	2.29 No	0.11	Thermal Discharging
TLK075	361	'5524342_/5524352'	3.33	3.33	3.33	0.01	1	3.33	2.29 No	0.01	Thermal Discharging
TLK075	362	'5513908_/5513906_2'	3.33	3.33	3.33	0.11	0.75	3.33	2.29 No	0.11	Thermal Discharging
TLK075	363	'5526983_/5526980'	3.33	3.33	3.33	0.11	0.47	3.33	2.29 No	0.11	Thermal Discharging
TLK075	364	'43729841_/43729843'	3.33	3.33	3.33	0.11	0.5	3.33	2.29 No	0.11	Thermal Discharging
TLK075	365	'5526766_/43733257'	3.33	3.33	3.33	0.11	0.3	3.33	2.29 No	0.11	Thermal Discharging
TLK075	366	'350260807_/5525283'	3.33	3.33	3.33	0.11	0.4	3.33	2.29 No	0.11	Thermal Discharging
TLK075	367	'43729896_/5513906_1'	3.33	3.33	3.33	0.11	0.5	3.33	2.29 No	0.11	Thermal Discharging
TLK075	368	'5511848_/5511845'	3.33	3.33	3.33	0.11	0.4	3.33	2.29 No	0.11	Thermal Discharging
TLK075	369	'5525195_/43733584'	3.33	3.33	3.33	0.11	0.4	3.33	2.29 No	0.11	Thermal Discharging
TLK075	370	'43727872_/5510112'	3.33	3.33	3.33	0.11	0.5	3.33	2.29 No	0.11	Thermal Discharging
TLK075	371	'5510186_/43727896'	3.33	3.33	3.33	0.11	0.4	3.33	2.29 No	0.11	Thermal Discharging
TLK075	372	'5524232_/5524242'	3.33	3.33	3.33	0.01	1	3.33	2.29 No	0.01	Thermal Discharging
TLK075	373	'5527061_/5527058'	3.33	3.33	3.33	0.11	0.4	3.33	2.29 No	0.11	Thermal Discharging
TLK075	374	'5541035_/5541032'	3.33	3.33	3.33	0.01	1	3.33	2.29 No	0.01	Thermal Discharging
TLK075	375	'5535844_/5535841'	3.33	3.33	3.33	0.11	0.4	3.33	2.29 No	0.11	Thermal Discharging
TLK075	376	'5511861_/5511858'	3.33	3.33	3.33	0.11	0.4	3.33	2.29 No	0.11	Thermal Discharging
TLK075	377	'70250661_/5524229_2'	3.33	3.33	3.33	0.01	1	3.33	2.29 No	0.01	Thermal Discharging
TLK075	378	'5513896_/5513919'	3.33	3.33	3.33	0.11	0.5	3.33	2.29 No	0.11	Thermal Discharging
TLK075	379	'5513587_/5513585'	3.33	3.33	3.33	0.11	0.5	3.33	2.29 No	0.11	Thermal Discharging
TLK075	380	'5511428_/5524229_1'	3.33	3.33	3.33	0.01	1	3.33	2.29 No	0.01	Thermal Discharging
TLK075	381	'5510128_/43727874'	3.33	3.33	3.33	0.11	0.5	3.33	2.29 No	0.11	Thermal Discharging
TLK075	382	'5511442_/5527071'	3.33	3.33	3.33	0.11	0.4	3.33	2.29 No	0.11	Thermal Discharging
TLK075	383	'70250675_/5527084_1'	3.33	3.33	3.33	0.11	0.4	3.33	2.29 No	0.11	Thermal Discharging
TLK075	384	'5524257_/5541045'	3.33	3.33	3.33	0.01	1	3.33	2.29 No	0.01	Thermal Discharging
TLK075	385	'5525207_/5535854'	2.2	3.33	3.33	0.11	0.4	3.33	2.29 No	0.11	Thermal Discharging
TLK075	386	'5511874_/43733956'	3.33	3.33	3.33	0.11	0.4	3.33	2.29 No	0.11	Thermal Discharging
TLK075	387	'43727861_/5510138'	3.33	3.33	3.33	0.11	0.5	3.33	2.29 No	0.11	Thermal Discharging
TLK075	388	'5513883_/5513893'	3.33	3.33	3.33	0.11	0.5	3.33	2.29 No	0.11	Thermal Discharging
TLK075	389	'5513549_/5541707'	3.33	3.33	3.33	0.11	0.5	3.33	2.29 No	0.11	Thermal Discharging
TLK075	390	'5524483_/5524255'	2	3.33	3.33	0.01	1	3.33	2.29 No	0.01	Thermal Discharging
TLK075	391	'5525208_/5525205'	1.77	3.33	3.33	0.11	0.4	3.33	2.29 No	0.11	Thermal Discharging
TLK075	392	'5524206_/5524216'	1.9	3.33	3.33	0.01	1	3.33	2.29 No	0.01	Thermal Discharging
TLK075	393	'43733501_/5527084_2'	1.87	3.33	3.33	0.11	0.4	3.33	2.29 No	0.11	Thermal Discharging
TLK075	394	'5524484_/5524481_1'	1.87	3.33	3.33	0.11	0.4	3.33	2.29 No	0.11	Thermal Discharging
TLK075	395	'5511887_/5511884'	3.33	3.33	3.33	0.11	0.4	3.33	2.29 No	0.11	Thermal Discharging
TLK075	396	'43729830_/5513546'	3.33	3.33	3.33	0.11	0.5	3.33	2.29 No	0.11	Thermal Discharging
TLK075	397	'5513947_/5513932'	3.33	3.33	3.33	0.11	0.5	3.33	2.29 No	0.11	Thermal Discharging
TLK075	398	'5510153_/43727863'	3.33	3.33	3.33	0.11	0.5	3.33	2.29 No	0.11	Thermal Discharging
TLK075	399	'5526148_/5541084'	1.6	3.33	3.33	0.01	1	3.33	2.29 No	0.01	Thermal Discharging
TLK075	400	'5527100_/5527097'	1.57	3.33	3.33	0.11	0.4	3.33	2.29 No	0.11	Thermal Discharging
TLK075	401	'5524193_/5524203'	1.57	3.33	3.33	0.01	1	3.33	2.29 No	0.01	Thermal Discharging
TLK075	402	'5513870_/5513880'	3.33	3.33	3.33	0.11	0.5	3.33	2.29 No	0.11	Thermal Discharging
TLK075	403	'5513948_/5513945'	3.33	3.33	3.33	0.11	0.5	3.33	2.29 No	0.11	Thermal Discharging
TLK075	404	'43731205_/5525218'	1.43	3.33	3.33	0.11	0.4	3.33	2.29 No	0.11	Thermal Discharging
TLK075	405	'5511900_/5511897'	2.13	3.33	3.33	0.11	0.4	3.33	2.29 No	0.11	Thermal Discharging
TLK075	406	'5514000_/5514010'	3.33	3.33	3.33	0.11	0.5	3.33	2.29 No	0.11	Thermal Discharging
TLK075	407	'5526123_/5526146'	1.47	3.33	3.33	0.01	1	3.33	2.29 No	0.01	Thermal Discharging
TLK075	408	'5510088_/5510151'	2.7	3.33	3.33	0.11	0.5	3.33	2.29 No	0.11	Thermal Discharging
TLK075	409	'5513535_/5513533'	2.63	3.33	3.33	0.11	0.5	3.33	2.29 No	0.11	Thermal Discharging
TLK075	410	'5527113_/5527110'	1.4	3.33	3.33	0.11	0.4	3.33	2.29 No	0.11	Thermal Discharging
TLK075	411	'43732876_/5524190'	1.37	3.33	3.33	0.01	1	3.33	2.29 No	0.01	Thermal Discharging
TLK075	412	'5533441_/43733967'	1.8	3.33	3.33	0.11	0.4	3.33	2.29 No	0.11	Thermal Discharging
TLK075	413	'5513961_/5513958'	2.13	3.33	3.33	0.11	0.5	3.33	2.29 No	0.11	Thermal Discharging
TLK075	414	'43729907_/43729909'	1.97	3.33	3.33	0.11	0.5	3.33	2.29 No	0.11	Thermal Discharging
TLK075	415	'43729819_/5513559'	1.87	3.33	3.33	0.11	0.5	3.33	2.29 No	0.11	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TLK075	416	'5526162_/_5526159_1'	1.27	3.33	3.33	0.11	0.4	3.33	2.29 No	0.11	Thermal Discharging
TLK075	417	'5513857_/_5513867'	1.8	3.33	3.33	0.11	0.5	3.33	2.29 No	0.11	Thermal Discharging
TLK075	418	'5527126_/_5527123'	1.23	3.33	3.33	0.11	0.4	3.33	2.29 No	0.11	Thermal Discharging
TLK075	419	'5526122_/_5526120'	1.23	3.33	3.33	0.01	1	3.33	2.29 No	0.01	Thermal Discharging
TLK075	420	'5533442_/_5533439'	1.5	3.33	3.33	0.11	0.4	3.33	2.29 No	0.11	Thermal Discharging
TLK075	421	'5525354_/_43731207'	1.17	3.33	3.33	0.11	0.4	3.33	2.29 No	0.11	Thermal Discharging
TLK075	422	'5510089_/_5510086'	1.7	3.33	3.33	0.11	0.5	3.33	2.29 No	0.11	Thermal Discharging
TLK075	423	'5513986_/_5513984'	1.73	3.33	3.33	0.11	0.5	3.33	2.29 No	0.11	Thermal Discharging
TLK075	424	'5524167_/_5524177'	1.2	3.33	3.33	0.01	1	3.33	2.29 No	0.01	Thermal Discharging
TLK075	425	'5513974_/_5513971'	1.63	3.33	3.33	0.11	0.5	3.33	2.29 No	0.11	Thermal Discharging
TLK075	426	'5525367_/_5525364'	1.13	3.33	3.33	0.11	0.4	3.33	2.29 No	0.11	Thermal Discharging
TLK075	427	'5541061_/_5541071'	1.17	3.33	3.33	0.01	1	3.33	2.29 No	0.01	Thermal Discharging
TLK075	428	'43729885_/_43729887'	1.57	3.33	3.33	0.11	0.5	3.33	2.29 No	0.11	Thermal Discharging
TLK075	429	'43733512_/_5527136'	1.13	3.33	3.33	0.11	0.4	3.33	2.29 No	0.11	Thermal Discharging
TLK075	430	'5528051_/_5528048'	1.07	3.33	3.33	0.11	0.4	3.33	2.29 No	0.11	Thermal Discharging
TLK075	431	'5533985_/_5541762'	1.3	3.33	3.33	0.11	0.4	3.33	2.29 No	0.11	Thermal Discharging
TLK075	432	'5513841_/_5513854'	1.47	3.33	3.33	0.11	0.5	3.33	2.29 No	0.11	Thermal Discharging
TLK075	433	'43729874_/_5514049'	1.47	3.33	3.33	0.11	0.5	3.33	2.29 No	0.11	Thermal Discharging
TLK075	434	'5513523_/_5513572'	1.47	3.33	3.33	0.11	0.5	3.33	2.29 No	0.11	Thermal Discharging
TLK075	435	'43732271_/_43732273'	1.07	3.33	3.33	0.01	1	3.33	2.29 No	0.01	Thermal Discharging
TLK075	436	'5524154_/_5524164'	1.07	3.33	3.33	0.01	1	3.33	2.29 No	0.01	Thermal Discharging
TLK075	437	'5543368_/_5543365'	1.43	3.33	3.33	0.11	0.5	3.33	2.29 No	0.11	Thermal Discharging
TLK075	438	'5513510_/_5513520'	1.37	3.33	3.33	0.11	0.5	3.33	2.29 No	0.11	Thermal Discharging
TLK075	439	'5528064_/_5528061'	1	3.33	3.33	0.11	0.4	3.33	2.29 No	0.11	Thermal Discharging
TLK075	440	'5526110_/_5541058'	1.03	3.33	3.33	0.01	1	3.33	2.29 No	0.01	Thermal Discharging
TLK075	441	'5525466_/_5525479'	1.4	3.33	3.33	0.11	0.5	3.33	2.29 No	0.11	Thermal Discharging
TLK075	442	'5514052_/_43729876'	1.33	3.33	3.33	0.11	0.5	3.33	2.29 No	0.11	Thermal Discharging
TLK075	443	'5513840_/_5513838'	1.33	3.33	3.33	0.11	0.5	3.33	2.29 No	0.11	Thermal Discharging
TLK075	444	'5513484_/_5513507'	1.3	3.33	3.33	0.11	0.5	3.33	2.29 No	0.11	Thermal Discharging
TLK075	445	'43732887_/_5524151'	1	3.33	3.33	0.01	1	3.33	2.29 No	0.01	Thermal Discharging
TLK075	446	'5526097_/_5526107'	1	3.33	3.33	0.01	1	3.33	2.29 No	0.01	Thermal Discharging
TLK075	447	'5533493_/_43735792'	1.13	3.33	3.33	0.11	0.4	3.33	2.29 No	0.11	Thermal Discharging
TLK075	448	'5527152_/_43733514'	0.97	3.33	3.33	0.11	0.4	3.33	2.29 No	0.11	Thermal Discharging
TLK075	449	'5541129_/_5541127'	0.97	3.33	3.33	0.01	1	3.33	2.29 No	0.01	Thermal Discharging
TLK075	450	'43729852_/_5543378'	1.23	3.33	3.33	0.11	0.5	3.33	2.29 No	0.11	Thermal Discharging
TLK075	451	'5525465_/_5525463'	1.27	3.33	3.33	0.11	0.5	3.33	2.29 No	0.11	Thermal Discharging
TLK075	452	'43733593_/_5528074'	0.9	3.33	3.33	0.11	0.4	3.33	2.29 No	0.11	Thermal Discharging
TLK075	453	'5527165_/_5527162'	0.9	3.33	3.33	0.11	0.4	3.33	2.29 No	0.11	Thermal Discharging
TLK075	454	'5526096_/_5526094'	0.9	3.33	3.33	0.01	1	3.33	2.29 No	0.01	Thermal Discharging
TLK075	455	'5533494_/_5533491'	1	3.33	3.33	0.11	0.4	3.33	2.29 No	0.11	Thermal Discharging
TLK075	456	'5524125_/_5524135'	0.9	3.33	3.33	0.01	1	3.33	2.29 No	0.01	Thermal Discharging
TLK075	457	'43729808_/_5513481'	1.13	3.33	3.33	0.11	0.5	3.33	2.29 No	0.11	Thermal Discharging
TLK075	458	'5528090_/_5528087'	0.87	3.33	3.33	0.11	0.4	3.33	2.29 No	0.11	Thermal Discharging
TLK075	459	'43729863_/_5514036'	1.07	3.33	3.33	0.11	0.5	3.33	2.29 No	0.11	Thermal Discharging
TLK075	460	'5527178_/_5527175'	0.83	3.33	3.33	0.11	0.4	3.33	2.29 No	0.11	Thermal Discharging
TLK075	461	'5533507_/_5533504'	0.93	3.33	3.33	0.11	0.4	3.33	2.29 No	0.11	Thermal Discharging
TLK075	462	'5524112_/_5524122'	0.83	3.33	3.33	0.01	1	3.33	2.29 No	0.01	Thermal Discharging
TLK075	463	'5528103_/_5528100'	0.8	3.33	3.33	0.11	0.4	3.33	2.29 No	0.11	Thermal Discharging
TLK075	464	'5513471_/_5513494'	0.97	3.33	3.33	0.11	0.5	3.33	2.29 No	0.11	Thermal Discharging
TLK075	465	'5514039_/_43729865'	0.97	3.33	3.33	0.11	0.5	3.33	2.29 No	0.11	Thermal Discharging
TLK075	466	'5527191_/_5527188'	0.8	3.33	3.33	0.11	0.4	3.33	2.29 No	0.11	Thermal Discharging
TLK075	467	'5524098_/_5524109'	0.77	3.33	3.33	0.01	1	3.33	2.29 No	0.01	Thermal Discharging
TLK075	468	'5528119_/_5528116'	0.73	3.33	3.33	0.11	0.4	3.33	2.29 No	0.11	Thermal Discharging
TLK075	469	'5527204_/_5527201'	0.77	3.33	3.33	0.11	0.4	3.33	2.29 No	0.11	Thermal Discharging
TLK075	470	'5513457_/_5513468'	0.9	3.33	3.33	0.11	0.5	3.33	2.29 No	0.11	Thermal Discharging
TLK075	471	'5524099_/_5524096'	0.73	3.33	3.33	0.01	1	3.33	2.29 No	0.01	Thermal Discharging
TLK075	472	'43729797_/_5513455'	0.83	3.33	3.33	0.11	0.5	3.33	2.29 No	0.11	Thermal Discharging
TLK075	473	'5513442_/_43729799'	0.77	3.33	3.33	0.11	0.5	3.33	2.29 No	0.11	Thermal Discharging
TLK075	474	'5513429_/_5513439'	0.73	3.33	3.33	0.11	0.5	3.33	2.29 No	0.11	Thermal Discharging
TLK075	475	'5513416_/_5513426'	0.67	3.33	3.33	0.11	0.5	3.33	2.29 No	0.11	Thermal Discharging
TLK075	476	'5513400_/_5513413'	0.63	3.33	3.33	0.11	0.5	3.33	2.29 No	0.11	Thermal Discharging
TLK075	477	'5513387_/_5513397'	0.63	3.33	3.33	0.11	0.5	3.33	2.29 No	0.11	Thermal Discharging
TLK075	478	'5513386_/_5513384'	0.6	3.33	3.33	0.11	0.5	3.33	2.29 No	0.11	Thermal Discharging
TLK076	0	'TLK076_/_7513012'	10	10	10	0.47	10	10	10 No	0.47	Thermal Discharging
TLK076	1	'7405027_/_7513012'	10	10	10	0.47	10	10	10 No	0.47	Thermal Discharging
TLK076	2	'7405026_/_7405024'	10	10	10	0.47	10	10	10 No	0.47	Thermal Discharging
TLK076	3	'8355398_/_8355395'	10	10	10	0.47	10	10	10 No	0.47	Thermal Discharging
TLK076	4	'86433563_/_86433573'	10	10	10	0.47	10	10	10 No	0.47	Thermal Discharging
TLK077	0	'TLK077_/_8982389'	10	10	10	0.87	10	10	10 No	0.87	Thermal Discharging
TLK077	1	'8982392_/_8982389'	10	10	10	0.87	10	10	3.84 No	0.87	Thermal Discharging
TLK077	2	'9298080_/_9298078'	10	10	10	0.87	10	10	3.84 No	0.87	Thermal Discharging
TLK077	3	'9298024_/_9609593'	10	10	10	0.87	10	10	3.84 No	0.87	Thermal Discharging
TLK077	4	'9297984_/_9298022'	10	10	10	0.87	10	10	3.84 No	0.87	Thermal Discharging
TLK077	5	'9297985_/_9297982'	10	10	10	0.87	10	10	3.84 No	0.87	Thermal Discharging
TLK077	6	'8982467_/_9609517'	10	10	10	0.87	10	10	3.84 No	0.87	Thermal Discharging
TLK077	7	'7404930_/_8982465'	10	10	10	0.87	10	10	3.84 No	0.87	Thermal Discharging
TLK077	8	'7404931_/_7404928'	10	10	10	0.87	10	10	3.84 No	0.87	Thermal Discharging
TLK077	9	'7787412_/_7787409'	10	10	10	0.87	10	10	3.84 No	0.87	Thermal Discharging
TLK077	10	'646352758_/_7790223'	10	10	10	0.87	10	10	3.84 No	0.87	Thermal Discharging
TLK077	11	'646352966_/_646352798'	10	10	10	0.87	10	10	3.84 No	0.87	Thermal Discharging
TLK077	12	'646352909_/_646352412'	10	10	10	0.87	10	10	3.84 No	0.87	Thermal Discharging
TLK077	13	'646352912_/_646352418'	10	10	10	0.87	10	10	3.84 No	0.87	Thermal Discharging
TLK077	14	'646352920_/_646352430'	10	10	10	0.87	10	10	3.84 No	0.87	Thermal Discharging
TLK077	15	'646352975_/_646352424'	10	10	10	0.87	10	10	3.84 No	0.87	Thermal Discharging
TLK077	16	'646352821_/_646352871'	10	10	10	0.87	10	10	3.84 No	0.87	Thermal Discharging
TLK077	17	'646352986_/_646352477'	10	10	10	0.87	10	10	3.84 No	0.87	Thermal Discharging
TLK077	18	'646353010_/_646352983'	10	10	10	0.87	10	10	3.84 No	0.87	Thermal Discharging
TLK077	19	'646353031_/_646353007'	10	10	10	0.87	10	10	3.84 No	0.87	Thermal Discharging
TLK077	20	'646353058_/_646353028'	10	10	10	0.87	10	10	3.84 No	0.87	Thermal Discharging
TLK077	21	'646353082_/_646353055'	10	10	10	0.87	10	10	3.84 No	0.87	Thermal Discharging
TLK077	22	'7790226_/_646352827'	10	10	10	0.87	10	10	3.84 No	0.87	Thermal Discharging
TLK077	23	'37921285_/_9298644'	10	10	10	0.87	10	10	3.84 No	0.87	Thermal Discharging
TLK077	24	'404503404_/_37921290'	10	10	10	0.87	10	10	3.84 No	0.87	Thermal Discharging
TLK077	25	'37921244_/_37921241'	10	10	10	0.87	4.5	10	3.84 No	0.87	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TLK077	26	'404503411___/37921269'		10	10	10	0.87	10	10	3.84 No	0.87 Thermal Discharging
TLK077	27	'37921258___/37921255'		10	10	10	0.87	10	10	3.84 No	0.87 Thermal Discharging
TLK077	28	'9057397___/9609973'		10	10	10	0.87	10	10	3.84 No	0.87 Thermal Discharging
TLK077	29	'646353105___/646353079'		10	10	10	0.87	10	10	3.84 No	0.87 Thermal Discharging
TLK077	30	'9610016___/9610013'		10	10	10	0.87	4.5	10	3.84 No	0.87 Thermal Discharging
TLK077	31	'646353123___/646353125'		10	10	10	0.87	10	10	3.84 No	0.87 Thermal Discharging
TLK077	32	'646352353___/646353133'		10	10	10	0.87	10	10	3.84 No	0.87 Thermal Discharging
TLK077	33	'646352323___/646352351'		10	10	10	0.87	10	10	3.84 No	0.87 Thermal Discharging
TLK077	34	'Node_6802555240___/646352320'		10	10	10	0.87	10	10	3.84 No	0.87 Thermal Discharging
TLK077	35	'253571877___/253571885'		10	10	10	0.87	10	10	3.84 No	0.87 Thermal Discharging
TLK077	36	'253571823___/253571943'		10	10	10	0.87	10	10	3.84 No	0.87 Thermal Discharging
TLK077	37	'154636464___/9057395_1'		10	10	10	0.87	10	10	3.84 No	0.87 Thermal Discharging
TLK077	38	'154636470___/9057395_2'		10	10	10	0.87	10	10	3.84 No	0.87 Thermal Discharging
TLK077	39	'4400410___/154636472'		10	10	10	0.87	10	10	3.84 No	0.87 Thermal Discharging
TLK077	40	'157590315___/157590312'		10	10	10	0.87	10	10	3.84 No	0.87 Thermal Discharging
TLK077	41	'70621806___/4429233'		10	10	10	0.87	10	10	3.84 No	0.87 Thermal Discharging
TLK077	42	'211458778___/7632594_1'		10	10	10	0.87	1.4	10	3.84 No	0.87 Thermal Discharging
TLK077	43	'50739000___/50738997'		10	10	10	0.87	3.4	10	3.84 No	0.87 Thermal Discharging
TLK077	44	'4442906___/4442903'		10	10	10	0.87	10	10	3.84 No	0.87 Thermal Discharging
TLK077	45	'157800941___/157800968'		10	10	10	0.87	10	10	3.84 No	0.87 Thermal Discharging
TLK077	46	'70621818___/4425727_1'	3.33		3.33	3.33	0.29	0.4	3.33	1.28 No	0.29 Thermal Discharging
TLK077	47	'4442762___/4442920'		10	10	10	0.87	10	10	3.84 No	0.87 Thermal Discharging
TLK077	48	'7632597___/7632594_2'		10	10	10	0.87	1.4	10	3.84 No	0.87 Thermal Discharging
TLK077	49	'70250018___/4442775_2'		10	10	10	0.87	4.5	10	3.84 No	0.87 Thermal Discharging
TLK077	50	'4442940___/4442937'		10	10	10	0.87	10	10	3.84 No	0.87 Thermal Discharging
TLK077	51	'70250030___/490843672_1'		10	10	10	0.87	1.4	10	3.84 No	0.87 Thermal Discharging
TLK077	52	'4442980___/4442977'		10	10	10	0.87	10	10	3.84 No	0.87 Thermal Discharging
TLK077	53	'157801491___/157801534'		10	10	10	0.87	10	10	3.84 No	0.87 Thermal Discharging
TLK077	54	'38992507___/157590226_2'		10	10	10	0.87	4.5	10	3.84 No	0.87 Thermal Discharging
TLK077	55	'4432856___/4442954'		10	10	10	0.87	10	10	3.84 No	0.87 Thermal Discharging
TLK077	56	'4443014___/157590226_1'		10	10	10	0.87	2.2	10	3.84 No	0.87 Thermal Discharging
TLK077	57	'157801564___/4442994'		10	10	10	0.87	10	10	3.84 No	0.87 Thermal Discharging
TLK077	58	'4442888___/157801566'		10	10	10	0.87	10	10	3.84 No	0.87 Thermal Discharging
TLK077	59	'43512316___/4432854'		10	10	10	0.87	10	10	3.84 No	0.87 Thermal Discharging
TLK077	60	'475809371___/43512318_1'		10	10	10	0.45	10	10	2.74 No	0.45 Thermal Discharging
TLK077	61	'4425687___/4442775_1'		10	10	10	0.87	1.4	10	3.84 No	0.87 Thermal Discharging
TLK077	62	'4400429___/4442886'		10	10	10	0.87	10	10	3.84 No	0.87 Thermal Discharging
TLK077	63	'211458737___/7953596_1'		10	10	10	0.87	1.4	10	3.84 No	0.87 Thermal Discharging
TLK077	64	'490843675___/490843672_2'		10	10	10	0.87	1.4	10	3.84 No	0.87 Thermal Discharging
TLK077	65	'4428747___/43512318_2'		10	10	10	0.45	10	10	2.74 No	0.45 Thermal Discharging
TLK077	66	'4400447___/43510919'		10	10	10	0.87	10	10	3.84 No	0.87 Thermal Discharging
TLK077	67	'4425729___/4425727_2'	3.33		3.33	3.33	0.29	0.4	3.33	1.28 No	0.29 Thermal Discharging
TLK077	68	'4428748___/4428745'		10	10	10	0.45	10	10	2.74 No	0.45 Thermal Discharging
TLK077	69	'4425880___/4425972'		10	10	10	0.87	10	10	3.84 No	0.87 Thermal Discharging
TLK077	70	'247583846___/157590284_2'	3.33		3.33	3.33	0.29	1.5	3.33	1.28 No	0.29 Thermal Discharging
TLK077	71	'4425894___/4425989'		10	10	10	0.87	10	10	3.84 No	0.87 Thermal Discharging
TLK077	72	'43514938___/157590247'		10	10	10	0.87	2.2	10	3.84 No	0.87 Thermal Discharging
TLK077	73	'4428765___/4428762'		10	10	10	0.45	10	10	2.74 No	0.45 Thermal Discharging
TLK077	74	'490843714___/490843711'		10	10	10	0.87	1.4	10	3.84 No	0.87 Thermal Discharging
TLK077	75	'490843807___/490843756_1'		10	10	10	0.87	0.9	10	3.84 No	0.87 Thermal Discharging
TLK077	76	'50171011___/4425832'		10	10	10	0.87	10	10	3.84 No	0.87 Thermal Discharging
TLK077	77	'247583765___/157587391_1'	6.67		6.67	6.67	0.58	0.9	6.67	2.56 No	0.58 Thermal Discharging
TLK077	78	'4422970___/43513412'		10	10	10	0.87	1.4	10	3.84 No	0.87 Thermal Discharging
TLK077	79	'7953599___/7953596_2'		10	10	10	0.87	1.4	10	3.84 No	0.87 Thermal Discharging
TLK077	80	'43514892___/4441624'		10	10	10	0.45	10	10	2.74 No	0.45 Thermal Discharging
TLK077	81	'211458831___/4425849_2'	3.33		3.33	3.33	0.29	1.1	3.33	1.28 No	0.29 Thermal Discharging
TLK077	82	'50171044___/50171008'		10	10	10	0.87	10	10	3.84 No	0.87 Thermal Discharging
TLK077	83	'43513423___/157590284_1'	3.33		3.33	3.33	0.29	0.4	3.33	1.28 No	0.29 Thermal Discharging
TLK077	84	'43513445___/43513447'	3.33		3.33	3.33	0.29	1.5	3.33	1.28 No	0.29 Thermal Discharging
TLK077	85	'50717905___/50171041'		10	10	10	0.87	10	10	3.84 No	0.87 Thermal Discharging
TLK077	86	'4441644___/43514894'		10	10	10	0.45	10	10	2.74 No	0.45 Thermal Discharging
TLK077	87	'490843740___/490843756_2'		10	10	10	0.87	0.9	10	3.84 No	0.87 Thermal Discharging
TLK077	88	'4425868___/43513458_1'	3.33		3.33	3.33	0.29	0.4	3.33	1.28 No	0.29 Thermal Discharging
TLK077	89	'50717882___/50717902'		10	10	10	0.87	10	10	3.84 No	0.87 Thermal Discharging
TLK077	90	'43513399___/4425685'	3.33		3.33	3.33	0.29	0.47	3.33	1.28 No	0.29 Thermal Discharging
TLK077	91	'43513467___/157587391_2'	6.67		6.67	6.67	0.58	0.9	6.67	2.56 No	0.58 Thermal Discharging
TLK077	92	'43512329___/4441658'		10	10	10	0.45	10	10	2.74 No	0.45 Thermal Discharging
TLK077	93	'4425756___/50717879'		10	10	10	0.87	10	10	3.84 No	0.87 Thermal Discharging
TLK077	94	'7318708___/7318705'		10	10	10	0.87	1.4	10	3.84 No	0.87 Thermal Discharging
TLK077	95	'4425772___/4427509'		10	10	10	0.87	10	10	3.84 No	0.87 Thermal Discharging
TLK077	96	'4428781___/43512331'		10	10	10	0.45	10	10	2.74 No	0.45 Thermal Discharging
TLK077	97	'4425773___/4425770'		10	10	10	0.87	10	10	3.84 No	0.87 Thermal Discharging
TLK077	98	'4425742___/4425849_1'	3.33		3.33	3.33	0.29	0.4	3.33	1.28 No	0.29 Thermal Discharging
TLK077	99	'247583653___/157582249'	3.33		3.33	3.33	0.29	1.5	3.33	1.28 No	0.29 Thermal Discharging
TLK077	100	'4423678___/4428779'		10	10	10	0.45	10	10	2.74 No	0.45 Thermal Discharging
TLK077	101	'124057475___/124057489'		10	10	10	0.87	10	10	3.84 No	0.87 Thermal Discharging
TLK077	102	'4422971___/4422968'		10	10	10	0.87	1.4	10	3.84 No	0.87 Thermal Discharging
TLK077	103	'247581304___/157502596_1'	3.33		3.33	3.33	0.29	0.4	3.33	1.28 No	0.29 Thermal Discharging
TLK077	104	'129134223___/124057472_2'		10	10	10	0.87	10	10	3.84 No	0.87 Thermal Discharging
TLK077	105	'255845671___/43513481'	6.67		6.67	6.67	0.58	0.9	6.67	2.56 No	0.58 Thermal Discharging
TLK077	106	'4428799___/4428796'		10	10	10	0.45	10	10	2.74 No	0.45 Thermal Discharging
TLK077	107	'8576151___/9524472_1'	3.33		3.33	3.33	0.15	0.4	3.33	0.91 No	0.15 Thermal Discharging
TLK077	108	'4423662___/4423659_2'	3.33		3.33	3.33	0.15	1.1	3.33	0.91 No	0.15 Thermal Discharging
TLK077	109	'7316966___/8897692_1'	3.33		3.33	3.33	0.15	0.4	3.33	0.91 No	0.15 Thermal Discharging
TLK077	110	'4423733___/4428816'		10	10	10	0.45	10	10	2.74 No	0.45 Thermal Discharging
TLK077	111	'124057458___/124057472_1'		10	10	10	0.87	10	10	3.84 No	0.87 Thermal Discharging
TLK077	112	'4422665___/4427552'	3.33		3.33	3.33	0.29	0.4	3.33	1.28 No	0.29 Thermal Discharging
TLK077	113	'4427588___/4427585'	3.33		3.33	3.33	0.29	0.47	3.33	1.28 No	0.29 Thermal Discharging
TLK077	114	'247581200___/157502702'	3.33		3.33	3.33	0.29	1.5	3.33	1.28 No	0.29 Thermal Discharging
TLK077	115	'4428836___/4428833'		10	10	10	0.45	10	10	2.74 No	0.45 Thermal Discharging
TLK077	116	'124057441___/124057455'		10	10	10	0.87	10	10	3.84 No	0.87 Thermal Discharging
TLK077	117	'4423531___/4423659_1'	3.33		3.33	3.33	0.15	0.4	3.33	0.91 No	0.15 Thermal Discharging
TLK077	118	'4423732___/4423992_3'	3.33		3.33	3.33	0.15	1.1	3.33	0.91 No	0.15 Thermal Discharging
TLK077	119	'420964206___/4423992_2'	3.33		3.33	3.33	0.15	0.4	3.33	0.91 No	0.15 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TLK077	120	'4423775_/_4428853'	10	10	10	0.45	10	10	2.74	No	0.45 Thermal Discharging
TLK077	121	'247581291_/_157502596_2'	3.33	3.33	3.33	0.29	0.4	3.33	1.28	No	0.29 Thermal Discharging
TLK077	122	'124057424_/_124057438'	10	10	10	0.87	10	10	3.84	No	0.87 Thermal Discharging
TLK077	123	'4428873_/_4428870'	10	10	10	0.45	10	10	2.74	No	0.45 Thermal Discharging
TLK077	124	'4423717_/_4423714_2'	3.33	3.33	3.33	0.15	1.1	3.33	0.91	No	0.15 Thermal Discharging
TLK077	125	'4423865_/_4428887'	10	10	10	0.45	10	10	2.74	No	0.45 Thermal Discharging
TLK077	126	'4423519_/_4423992_1'	3.33	3.33	3.33	0.15	0.4	3.33	0.91	No	0.15 Thermal Discharging
TLK077	127	'124057407_/_124057421'	10	10	10	0.87	10	10	3.84	No	0.87 Thermal Discharging
TLK077	128	'4400515_/_4400513'	3.33	3.33	3.33	0.29	0.4	3.33	1.28	No	0.29 Thermal Discharging
TLK077	129	'7146346_/_7146363_1'	10	10	10	0.45	1.4	10	2.74	No	0.45 Thermal Discharging
TLK077	130	'4423762_/_43512471'	3.33	3.33	3.33	0.15	0.4	3.33	0.91	No	0.15 Thermal Discharging
TLK077	131	'43512513_/_4422985'	10	10	10	0.87	1.4	10	3.84	No	0.87 Thermal Discharging
TLK077	132	'4428907_/_4428904'	10	10	10	0.45	10	10	2.74	No	0.45 Thermal Discharging
TLK077	133	'124057390_/_124057404'	10	10	10	0.87	10	10	3.84	No	0.87 Thermal Discharging
TLK077	134	'4425867_/_43513458_2'	3.33	3.33	3.33	0.29	0.4	3.33	1.28	No	0.29 Thermal Discharging
TLK077	135	'4442712_/_4442869'	10	10	10	0.87	2.2	10	3.84	No	0.87 Thermal Discharging
TLK077	136	'7952044_/_7146363_2'	10	10	10	0.45	1.4	10	2.74	No	0.45 Thermal Discharging
TLK077	137	'124057373_/_124057387'	10	10	10	0.87	10	10	3.84	No	0.87 Thermal Discharging
TLK077	138	'4423704_/_4423714_1'	3.33	3.33	3.33	0.15	0.4	3.33	0.91	No	0.15 Thermal Discharging
TLK077	139	'4428924_/_4428921'	10	10	10	0.45	10	10	2.74	No	0.45 Thermal Discharging
TLK077	140	'124057356_/_124057370'	10	10	10	0.87	10	10	3.84	No	0.87 Thermal Discharging
TLK077	141	'4427604_/_4427601'	3.33	3.33	3.33	0.29	0.47	3.33	1.28	No	0.29 Thermal Discharging
TLK077	142	'129134868_/_129134888'	10	10	10	0.87	10	10	3.84	No	0.87 Thermal Discharging
TLK077	143	'7316981_/_583019640_1'	3.33	3.33	3.33	0.15	0.4	3.33	0.91	No	0.15 Thermal Discharging
TLK077	144	'4452999_/_129135260'	10	10	10	0.87	10	10	3.84	No	0.87 Thermal Discharging
TLK077	145	'4442692_/_4442689_2'	10	10	10	0.87	2.2	10	3.84	No	0.87 Thermal Discharging
TLK077	146	'124057339_/_124057353'	10	10	10	0.87	10	10	3.84	No	0.87 Thermal Discharging
TLK077	147	'4423936_/_4428938'	10	10	10	0.45	10	10	2.74	No	0.45 Thermal Discharging
TLK077	148	'4427617_/_4427614'	3.33	3.33	3.33	0.29	0.47	3.33	1.28	No	0.29 Thermal Discharging
TLK077	149	'4423532_/_4423529'	3.33	3.33	3.33	0.15	0.4	3.33	0.91	No	0.15 Thermal Discharging
TLK077	150	'124057322_/_124057336'	10	10	10	0.87	10	10	3.84	No	0.87 Thermal Discharging
TLK077	151	'129134851_/_129134865'	10	10	10	0.87	10	10	3.84	No	0.87 Thermal Discharging
TLK077	152	'4450350_/_4454197'	10	10	10	0.87	10	10	3.84	No	0.87 Thermal Discharging
TLK077	153	'4423004_/_4424034'	10	10	10	0.87	1.4	10	3.84	No	0.87 Thermal Discharging
TLK077	154	'129135138_/_7811909_1'	10	10	10	0.87	1.4	10	3.84	No	0.87 Thermal Discharging
TLK077	155	'43512441_/_4423863'	3.33	3.33	3.33	0.15	1.1	3.33	0.91	No	0.15 Thermal Discharging
TLK077	156	'84351678_/_4423934_1'	3.33	3.33	3.33	0.15	0.4	3.33	0.91	No	0.15 Thermal Discharging
TLK077	157	'4423965_/_4428955'	10	10	10	0.45	10	10	2.74	No	0.45 Thermal Discharging
TLK077	158	'124057305_/_124057319'	10	10	10	0.87	10	10	3.84	No	0.87 Thermal Discharging
TLK077	159	'6442229_/_129134848'	10	10	10	0.87	10	10	3.84	No	0.87 Thermal Discharging
TLK077	160	'43512215_/_4422663'	3.33	3.33	3.33	0.29	0.4	3.33	1.28	No	0.29 Thermal Discharging
TLK077	161	'4425743_/_4425740'	3.33	3.33	3.33	0.29	0.4	3.33	1.28	No	0.29 Thermal Discharging
TLK077	162	'4423866_/_4423879_1'	3.33	3.33	3.33	0.15	0.4	3.33	0.91	No	0.15 Thermal Discharging
TLK077	163	'4452983_/_43516526_2'	3.33	3.33	3.33	0.29	1.1	3.33	1.28	No	0.29 Thermal Discharging
TLK077	164	'4450337_/_4450335_1'	3.33	3.33	3.33	0.29	0.4	3.33	1.28	No	0.29 Thermal Discharging
TLK077	165	'43516546_/_4453167'	10	10	10	0.87	10	10	3.84	No	0.87 Thermal Discharging
TLK077	166	'124057288_/_124057302'	10	10	10	0.87	10	10	3.84	No	0.87 Thermal Discharging
TLK077	167	'6442228_/_6442226'	10	10	10	0.87	10	10	3.84	No	0.87 Thermal Discharging
TLK077	168	'4428975_/_4428972'	10	10	10	0.45	10	10	2.74	No	0.45 Thermal Discharging
TLK077	169	'4442675_/_4442689_1'	10	10	10	0.87	1.4	10	3.84	No	0.87 Thermal Discharging
TLK077	170	'124057271_/_124057285'	10	10	10	0.87	10	10	3.84	No	0.87 Thermal Discharging
TLK077	171	'128855902_/_128855904'	10	10	10	0.87	10	10	3.84	No	0.87 Thermal Discharging
TLK077	172	'4453187_/_4453184'	10	10	10	0.87	10	10	3.84	No	0.87 Thermal Discharging
TLK077	173	'43915102_/_43915104'	10	10	10	0.87	10	10	3.84	No	0.87 Thermal Discharging
TLK077	174	'4428992_/_4428989'	10	10	10	0.45	10	10	2.74	No	0.45 Thermal Discharging
TLK077	175	'156333778_/_129134607_2'	10	10	10	0.87	5.1	10	3.84	No	0.87 Thermal Discharging
TLK077	176	'124057254_/_124057268'	10	10	10	0.87	10	10	3.84	No	0.87 Thermal Discharging
TLK077	177	'4423005_/_4423002'	10	10	10	0.87	1.4	10	3.84	No	0.87 Thermal Discharging
TLK077	178	'43512480_/_4423963'	3.33	3.33	3.33	0.15	1.5	3.33	0.91	No	0.15 Thermal Discharging
TLK077	179	'43514964_/_4442829'	10	10	10	0.87	2.2	10	3.84	No	0.87 Thermal Discharging
TLK077	180	'43516559_/_4453201'	10	10	10	0.87	10	10	3.84	No	0.87 Thermal Discharging
TLK077	181	'4422795_/_4427627'	3.33	3.33	3.33	0.29	0.47	3.33	1.28	No	0.29 Thermal Discharging
TLK077	182	'6442192_/_6442209'	10	10	10	0.87	10	10	3.84	No	0.87 Thermal Discharging
TLK077	183	'129135250_/_9393640_2'	10	10	10	0.87	5.1	10	3.84	No	0.87 Thermal Discharging
TLK077	184	'43512364_/_43512366'	3.33	3.33	3.33	0.15	0.4	3.33	0.91	No	0.15 Thermal Discharging
TLK077	185	'4423691_/_4423701'	3.33	3.33	3.33	0.15	0.4	3.33	0.91	No	0.15 Thermal Discharging
TLK077	186	'4429009_/_4429006'	10	10	10	0.45	10	10	2.74	No	0.45 Thermal Discharging
TLK077	187	'8421916_/_43512456'	10	10	10	0.45	1.4	10	2.74	No	0.45 Thermal Discharging
TLK077	188	'4423966_/_8895454_1'	3.33	3.33	3.33	0.15	0.4	3.33	0.91	No	0.15 Thermal Discharging
TLK077	189	'119641052_/_119640786_1'	10	10	10	0.87	1.5	10	3.84	No	0.87 Thermal Discharging
TLK077	190	'8421917_/_9687430_1'	10	10	10	0.45	0.9	10	2.74	No	0.45 Thermal Discharging
TLK077	191	'4450380_/_4453218'	10	10	10	0.87	10	10	3.84	No	0.87 Thermal Discharging
TLK077	192	'4450366_/_4450377'	3.33	3.33	3.33	0.29	1.1	3.33	1.28	No	0.29 Thermal Discharging
TLK077	193	'4426569_/_4429023'	10	10	10	0.45	10	10	2.74	No	0.45 Thermal Discharging
TLK077	194	'6442191_/_6442189'	10	10	10	0.87	10	10	3.84	No	0.87 Thermal Discharging
TLK077	195	'7811912_/_7811909_2'	10	10	10	0.87	1.4	10	3.84	No	0.87 Thermal Discharging
TLK077	196	'129134571_/_129134607_1'	10	10	10	0.87	1.4	10	3.84	No	0.87 Thermal Discharging
TLK077	197	'8136785_/_8136783_1'	10	10	10	0.87	10	10	3.84	No	0.87 Thermal Discharging
TLK077	198	'4450395_/_4453235'	10	10	10	0.87	10	10	3.84	No	0.87 Thermal Discharging
TLK077	199	'9687433_/_9687430_2'	10	10	10	0.45	0.9	10	2.74	No	0.45 Thermal Discharging
TLK077	200	'43516535_/_4450335_2'	3.33	3.33	3.33	0.29	0.4	3.33	1.28	No	0.29 Thermal Discharging
TLK077	201	'4427542_/_4432841'	3.33	3.33	3.33	0.29	0.4	3.33	1.28	No	0.29 Thermal Discharging
TLK077	202	'475809273_/_4426567_1'	10	10	10	0.45	1.5	10	2.74	No	0.45 Thermal Discharging
TLK077	203	'43512801_/_4429145'	10	10	10	0.45	10	10	2.74	No	0.45 Thermal Discharging
TLK077	204	'43516524_/_43516526_1'	3.33	3.33	3.33	0.01	1.1	3.33	1.28	No	0.01 Thermal Discharging
TLK077	205	'4423022_/_4423019'	10	10	10	0.87	1.4	10	3.84	No	0.87 Thermal Discharging
TLK077	206	'7146366_/_44061431'	10	10	10	0.45	1.4	10	2.74	No	0.45 Thermal Discharging
TLK077	207	'43512430_/_4423879_2'	3.33	3.33	3.33	0.15	0.4	3.33	0.91	No	0.15 Thermal Discharging
TLK077	208	'4453255_/_4453252'	10	10	10	0.87	10	10	3.84	No	0.87 Thermal Discharging
TLK077	209	'721612357_/_4450406_1'	3.33	3.33	3.33	0.29	0.5	3.33	1.28	No	0.29 Thermal Discharging
TLK077	210	'694668128_/_4442852'	10	10	10	0.87	2.2	10	3.84	No	0.87 Thermal Discharging
TLK077	211	'694668236_/_694668182_1'	10	10	10	0.87	1.4	10	3.84	No	0.87 Thermal Discharging
TLK077	212	'129135325_/_129135333'	10	10	10	0.87	5.1	10	3.84	No	0.87 Thermal Discharging
TLK077	213	'7321150_/_129135484_1'	10	10	10	0.87	1.4	10	3.84	No	0.87 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TLK077	214	'119640789_/119640786_2'		10	10	10	0.87	1.5	10	3.84 No	0.87 Thermal Discharging
TLK077	215	'4429046_/43512803'		10	10	10	0.45	10	10	2.74 No	0.45 Thermal Discharging
TLK077	216	'4450434_/4453269'		10	10	10	0.87	10	10	3.84 No	0.87 Thermal Discharging
TLK077	217	'43512342_/4423542'	3.33	3.33	3.33	0.15	0.4	3.33	0.91 No	0.15 Thermal Discharging	
TLK077	218	'43514951_/4442672'		10	10	10	0.87	1.4	10	3.84 No	0.87 Thermal Discharging
TLK077	219	'4423493_/4423503'	3.33	3.33	3.33	0.15	0.4	3.33	0.91 No	0.15 Thermal Discharging	
TLK077	220	'4453289_/4453286'		10	10	10	0.87	10	10	3.84 No	0.87 Thermal Discharging
TLK077	221	'36451876_/9393640_1'		10	10	10	0.87	1.4	10	3.84 No	0.87 Thermal Discharging
TLK077	222	'4429063_/4429060'		10	10	10	0.45	10	10	2.74 No	0.45 Thermal Discharging
TLK077	223	'4450421_/4450419_1'	3.33	3.33	3.33	0.29	0.4	3.33	1.28 No	0.29 Thermal Discharging	
TLK077	224	'4427529_/4427539'	3.33	3.33	3.33	0.29	0.4	3.33	1.28 No	0.29 Thermal Discharging	
TLK077	225	'5560336_/7081848'	3.33	3.33	3.33	0.29	0.73	3.33	1.28 No	0.29 Thermal Discharging	
TLK077	226	'70250784_/4453303_1'		10	10	10	0.87	10	10	3.84 No	0.87 Thermal Discharging
TLK077	227	'4450464_/4453303_2'		10	10	10	0.87	10	10	3.84 No	0.87 Thermal Discharging
TLK077	228	'4429080_/4429077'		10	10	10	0.45	10	10	2.74 No	0.45 Thermal Discharging
TLK077	229	'4453323_/4453320'		10	10	10	0.87	10	10	3.84 No	0.87 Thermal Discharging
TLK077	230	'4423937_/4423934_2'	3.33	3.33	3.33	0.15	0.4	3.33	0.91 No	0.15 Thermal Discharging	
TLK077	231	'4422679_/43512217'	3.33	3.33	3.33	0.29	0.4	3.33	1.28 No	0.29 Thermal Discharging	
TLK077	232	'8136786_/8136783_2'		10	10	10	0.87	5.1	10	3.84 No	0.87 Thermal Discharging
TLK077	233	'241669908_/241669866_1'		10	10	10	0.87	10	10	3.84 No	0.87 Thermal Discharging
TLK077	234	'4429097_/4429094'		10	10	10	0.45	10	10	2.74 No	0.45 Thermal Discharging
TLK077	235	'241669857_/241669866_2'		10	10	10	0.87	10	10	3.84 No	0.87 Thermal Discharging
TLK077	236	'4450409_/4450406_2'	3.33	3.33	3.33	0.29	0.5	3.33	1.28 No	0.29 Thermal Discharging	
TLK077	237	'8267165_/9524472_2'	3.33	3.33	3.33	0.15	0.4	3.33	0.91 No	0.15 Thermal Discharging	
TLK077	238	'129135478_/129135484_2'		10	10	10	0.87	1.4	10	3.84 No	0.87 Thermal Discharging
TLK077	239	'276867832_/4450448_1'	3.33	3.33	3.33	0.01	1.1	3.33	1.28 No	0.01 Thermal Discharging	
TLK077	240	'43512408_/4423688'	3.33	3.33	3.33	0.15	0.4	3.33	0.91 No	0.15 Thermal Discharging	
TLK077	241	'4442613_/694668134'		10	10	10	0.87	2.2	10	3.84 No	0.87 Thermal Discharging
TLK077	242	'4426340_/4429111'		10	10	10	0.45	10	10	2.74 No	0.45 Thermal Discharging
TLK077	243	'43516628_/4453337'		10	10	10	0.87	10	10	3.84 No	0.87 Thermal Discharging
TLK077	244	'4423039_/4423036'		10	10	10	0.87	1.4	10	3.84 No	0.87 Thermal Discharging
TLK077	245	'8897955_/9367190_1'		10	10	10	0.87	1.4	10	3.84 No	0.87 Thermal Discharging
TLK077	246	'4423895_/4423892'	3.33	3.33	3.33	0.15	0.4	3.33	0.91 No	0.15 Thermal Discharging	
TLK077	247	'7316982_/583019640_2'	3.33	3.33	3.33	0.15	0.4	3.33	0.91 No	0.15 Thermal Discharging	
TLK077	248	'450009331_/410096990_2'	3.33	3.33	3.33	0.15	1.4	3.33	0.91 No	0.15 Thermal Discharging	
TLK077	249	'43516617_/4450419_2'	3.33	3.33	3.33	0.29	0.4	3.33	1.28 No	0.29 Thermal Discharging	
TLK077	250	'4426341_/4439419_1'	3.33	3.33	3.33	0.15	0.4	3.33	0.91 No	0.15 Thermal Discharging	
TLK077	251	'119640814_/119640811'		10	10	10	0.87	1.5	10	3.84 No	0.87 Thermal Discharging
TLK077	252	'4426377_/4429128'		10	10	10	0.45	10	10	2.74 No	0.45 Thermal Discharging
TLK077	253	'4453356_/4453391'		10	10	10	0.87	10	10	3.84 No	0.87 Thermal Discharging
TLK077	254	'4426413_/4426567_2'		10	10	10	0.45	1.5	10	2.74 No	0.45 Thermal Discharging
TLK077	255	'43516641_/4453354'		10	10	10	0.87	10	10	3.84 No	0.87 Thermal Discharging
TLK077	256	'4422796_/4422793'	3.33	3.33	3.33	0.29	0.47	3.33	1.28 No	0.29 Thermal Discharging	
TLK077	257	'9367193_/9367190_2'		10	10	10	0.87	1.4	10	3.84 No	0.87 Thermal Discharging
TLK077	258	'4423636_/4427526'	3.33	3.33	3.33	0.29	0.4	3.33	1.28 No	0.29 Thermal Discharging	
TLK077	259	'43516709_/4450364'	3.33	3.33	3.33	0.29	0.4	3.33	1.28 No	0.29 Thermal Discharging	
TLK077	260	'4426356_/4426374'		10	10	10	0.45	4.5	10	2.74 No	0.45 Thermal Discharging
TLK077	261	'4439492_/4439489'		10	10	10	0.45	10	10	2.74 No	0.45 Thermal Discharging
TLK077	262	'4426357_/4426354'		10	10	10	0.45	1.4	10	2.74 No	0.45 Thermal Discharging
TLK077	263	'4450451_/4450448_2'	3.33	3.33	3.33	0.01	1.1	3.33	1.28 No	0.01 Thermal Discharging	
TLK077	264	'4450479_/43516643'		10	10	10	0.87	10	10	3.84 No	0.87 Thermal Discharging
TLK077	265	'4450338_/43516537'	3.33	3.33	3.33	0.29	0.4	3.33	1.28 No	0.29 Thermal Discharging	
TLK077	266	'8577735_/8897692_2'	3.33	3.33	3.33	0.15	0.4	3.33	0.91 No	0.15 Thermal Discharging	
TLK077	267	'4450312_/4450322'	3.33	3.33	3.33	0.01	1.1	3.33	1.28 No	0.01 Thermal Discharging	
TLK077	268	'4453374_/4453371'		10	10	10	0.87	10	10	3.84 No	0.87 Thermal Discharging
TLK077	269	'4422809_/4422806'	3.33	3.33	3.33	0.29	0.47	3.33	1.28 No	0.29 Thermal Discharging	
TLK077	270	'4453411_/4453408'		10	10	10	0.87	10	10	3.84 No	0.87 Thermal Discharging
TLK077	271	'43512827_/4439419_2'	3.33	3.33	3.33	0.15	0.4	3.33	0.91 No	0.15 Thermal Discharging	
TLK077	272	'4439509_/4439506'		10	10	10	0.45	10	10	2.74 No	0.45 Thermal Discharging
TLK077	273	'4453445_/4453442'		10	10	10	0.87	10	10	3.84 No	0.87 Thermal Discharging
TLK077	274	'4453428_/4453425'		10	10	10	0.87	10	10	3.84 No	0.87 Thermal Discharging
TLK077	275	'7321585_/8580374'		10	10	10	0.87	1.4	10	3.84 No	0.87 Thermal Discharging
TLK077	276	'8576167_/8895454_2'	3.33	3.33	3.33	0.15	0.4	3.33	0.91 No	0.15 Thermal Discharging	
TLK077	277	'8577278_/471167341_2'	3.33	3.33	3.33	0.15	1.4	3.33	0.91 No	0.15 Thermal Discharging	
TLK077	278	'8270119_/8270116'		10	10	10	0.87	1.5	10	3.84 No	0.87 Thermal Discharging
TLK077	279	'43512353_/4423490'	3.33	3.33	3.33	0.15	0.4	3.33	0.91 No	0.15 Thermal Discharging	
TLK077	280	'4450600_/4450610'	3.33	3.33	3.33	0.29	0.5	3.33	1.28 No	0.29 Thermal Discharging	
TLK077	281	'4423623_/4423633'	3.33	3.33	3.33	0.29	0.4	3.33	1.28 No	0.29 Thermal Discharging	
TLK077	282	'4439526_/4439523'		10	10	10	0.45	10	10	2.74 No	0.45 Thermal Discharging
TLK077	283	'4442614_/4442611'		10	10	10	0.87	2.2	10	3.84 No	0.87 Thermal Discharging
TLK077	284	'43516731_/4453459'		10	10	10	0.87	10	10	3.84 No	0.87 Thermal Discharging
TLK077	285	'4442634_/4442652'		10	10	10	0.87	1.4	10	3.84 No	0.87 Thermal Discharging
TLK077	286	'88688525_/88688522'		10	10	10	0.87	10	10	3.84 No	0.87 Thermal Discharging
TLK077	287	'4423814_/4423905'	3.33	3.33	3.33	0.15	0.4	3.33	0.91 No	0.15 Thermal Discharging	
TLK077	288	'7634535_/8546296_1'		10	10	10	0.87	1.4	10	3.84 No	0.87 Thermal Discharging
TLK077	289	'4453479_/43516733'		10	10	10	0.87	10	10	3.84 No	0.87 Thermal Discharging
TLK077	290	'471167319_/471167341_1'	3.33	3.33	3.33	0.15	0.5	3.33	0.91 No	0.15 Thermal Discharging	
TLK077	291	'9526241_/9526238'		10	10	10	0.87	1.4	10	3.84 No	0.87 Thermal Discharging
TLK077	292	'4423558_/43512344'	3.33	3.33	3.33	0.15	0.4	3.33	0.91 No	0.15 Thermal Discharging	
TLK077	293	'7318688_/8267715_1'		10	10	10	0.87	1.4	10	3.84 No	0.87 Thermal Discharging
TLK077	294	'119640833_/119640830'		10	10	10	0.87	1.5	10	3.84 No	0.87 Thermal Discharging
TLK077	295	'4451189_/7081884'		10	10	10	0.45	10	10	2.74 No	0.45 Thermal Discharging
TLK077	296	'43516654_/4450477'	3.33	3.33	3.33	0.29	1.1	3.33	1.28 No	0.29 Thermal Discharging	
TLK077	297	'43516744_/4453493'		10	10	10	0.87	10	10	3.84 No	0.87 Thermal Discharging
TLK077	298	'4450480_/43516656'	3.33	3.33	3.33	0.29	1.1	3.33	1.28 No	0.29 Thermal Discharging	
TLK077	299	'4450626_/4450623'	3.33	3.33	3.33	0.29	0.5	3.33	1.28 No	0.29 Thermal Discharging	
TLK077	300	'4452180_/88688549'		10	10	10	0.87	10	10	3.84 No	0.87 Thermal Discharging
TLK077	301	'4439422_/43512829'	3.33	3.33	3.33	0.15	0.4	3.33	0.91 No	0.15 Thermal Discharging	
TLK077	302	'4451190_/4451187'		10	10	10	0.45	10	10	2.74 No	0.45 Thermal Discharging
TLK077	303	'7636597_/8270096_1'		10	10	10	0.87	1.5	10	3.84 No	0.87 Thermal Discharging
TLK077	304	'70621827_/4451207_1'		10	10	10	0.45	10	10	2.74 No	0.45 Thermal Discharging
TLK077	305	'395246256_/119640899_1'	3.33	3.33	3.33	0.29	0.3	3.33	1.28 No	0.29 Thermal Discharging	
TLK077	306	'43512226_/4423053'		10	10	10	0.87	1.4	10	3.84 No	0.87 Thermal Discharging
TLK077	307	'4422692_/4422689'	3.33	3.33	3.33	0.29	0.4	3.33	1.28 No	0.29 Thermal Discharging	

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage	Regulator	Thermal	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
				Deviation	Deviation	Discharging				VSR (MW)	Limiting Threshold
TLK077	308	'4453513_/_4453510'		10	10	10	0.87	10	10	3.84 No	0.87 Thermal Discharging
TLK077	309	'4426414_/_4426411'		10	10	10	0.45	1.5	10	2.74 No	0.45 Thermal Discharging
TLK077	310	'4423454_/_4423979'	3.33		3.33	3.33	0.15	0.4	3.33	0.91 No	0.15 Thermal Discharging
TLK077	311	'8267718_/_8267715_2'		10	10	10	0.87	1.4	10	3.84 No	0.87 Thermal Discharging
TLK077	312	'70621842_/_8580470_1'	3.33		3.33	3.33	0.15	0.4	3.33	0.91 No	0.15 Thermal Discharging
TLK077	313	'4450422_/_43516619'	3.33		3.33	3.33	0.29	0.4	3.33	1.28 No	0.29 Thermal Discharging
TLK077	314	'4451135_/_4451207_2'		10	10	10	0.45	10	10	2.74 No	0.45 Thermal Discharging
TLK077	315	'7636579_/_7636576'	6.67		6.67	6.67	0.58	1	6.67	2.56 No	0.58 Thermal Discharging
TLK077	316	'7636558_/_8270056'		10	10	10	0.87	4.2	10	3.84 No	0.87 Thermal Discharging
TLK077	317	'4423953_/_4423950'	3.33		3.33	3.33	0.15	0.4	3.33	0.91 No	0.15 Thermal Discharging
TLK077	318	'7636578_/_8270096_2'		10	10	10	0.87	1.5	10	3.84 No	0.87 Thermal Discharging
TLK077	319	'9393643_/_44085871'		10	10	10	0.87	1.4	10	3.84 No	0.87 Thermal Discharging
TLK077	320	'4450509_/_4450506'	3.33		3.33	3.33	0.01	1.1	3.33	1.28 No	0.01 Thermal Discharging
TLK077	321	'4453530_/_4453527'		10	10	10	0.87	10	10	3.84 No	0.87 Thermal Discharging
TLK077	322	'437850257_/_437850095_1'		10	10	10	0.87	1.5	10	3.84 No	0.87 Thermal Discharging
TLK077	323	'8546299_/_8546296_2'		10	10	10	0.87	1.4	10	3.84 No	0.87 Thermal Discharging
TLK077	324	'4461083_/_4461080'		10	10	10	0.87	10	10	3.84 No	0.87 Thermal Discharging
TLK077	325	'475809118_/_4462100_1'		10	10	10	0.45	10	10	2.74 No	0.45 Thermal Discharging
TLK077	326	'694668166_/_694668182_2'		10	10	10	0.87	1.4	10	3.84 No	0.87 Thermal Discharging
TLK077	327	'475809095_/_4462100_2'		10	10	10	0.45	1.8	10	2.74 No	0.45 Thermal Discharging
TLK077	328	'4462103_/_4462100_3'		10	10	10	0.45	1.8	10	2.74 No	0.45 Thermal Discharging
TLK077	329	'4450127_/_4450309'	3.33		3.33	3.33	0.01	1.1	3.33	1.28 No	0.01 Thermal Discharging
TLK077	330	'584493574_/_4461097'		10	10	10	0.87	10	10	3.84 No	0.87 Thermal Discharging
TLK077	331	'4452181_/_4452178'		10	10	10	0.87	4.5	10	3.84 No	0.87 Thermal Discharging
TLK077	332	'679785891_/_7321183_2'		10	10	10	0.87	4.5	10	3.84 No	0.87 Thermal Discharging
TLK077	333	'7636559_/_7636556'		10	10	10	0.87	1.4	10	3.84 No	0.87 Thermal Discharging
TLK077	334	'4461100_/_584493578'		10	10	10	0.87	10	10	3.84 No	0.87 Thermal Discharging
TLK077	335	'43516606_/_4450834'	3.33		3.33	3.33	0.01	1.1	3.33	1.28 No	0.01 Thermal Discharging
TLK077	336	'4442732_/_4442729'	3.33		3.33	3.33	0.29	0.73	3.33	1.28 No	0.29 Thermal Discharging
TLK077	337	'4461117_/_4461114'		10	10	10	0.87	10	10	3.84 No	0.87 Thermal Discharging
TLK077	338	'475808617_/_475808614'		10	10	10	0.45	1.8	10	2.74 No	0.45 Thermal Discharging
TLK077	339	'155773192_/_9215772_2'		10	10	10	0.45	4.2	10	2.74 No	0.45 Thermal Discharging
TLK077	340	'475809417_/_475808584'		10	10	10	0.45	1.8	10	2.74 No	0.45 Thermal Discharging
TLK077	341	'4457770_/_475809444'		10	10	10	0.45	1.8	10	2.74 No	0.45 Thermal Discharging
TLK077	342	'7957296_/_7957293_2'		10	10	10	0.87	5.1	10	3.84 No	0.87 Thermal Discharging
TLK077	343	'4422822_/_4422819'	3.33		3.33	3.33	0.29	0.47	3.33	1.28 No	0.29 Thermal Discharging
TLK077	344	'475808992_/_475808938_1'		10	10	10	0.45	1.4	10	2.74 No	0.45 Thermal Discharging
TLK077	345	'9216688_/_4461134'		10	10	10	0.87	10	10	3.84 No	0.87 Thermal Discharging
TLK077	346	'119640858_/_119640855'		10	10	10	0.87	1.5	10	3.84 No	0.87 Thermal Discharging
TLK077	347	'642422069_/_761226186_1'		10	10	10	0.87	1.4	10	3.84 No	0.87 Thermal Discharging
TLK077	348	'43512814_/_4426394'		10	10	10	0.45	1.4	10	2.74 No	0.45 Thermal Discharging
TLK077	349	'43518675_/_43518672'		10	10	10	0.87	10	10	3.84 No	0.87 Thermal Discharging
TLK077	350	'49249103_/_9531286_2'	3.33		3.33	3.33	0.15	0.6	3.33	0.91 No	0.15 Thermal Discharging
TLK077	351	'4451155_/_475808550'		10	10	10	0.45	1.8	10	2.74 No	0.45 Thermal Discharging
TLK077	352	'475808919_/_475808938_2'		10	10	10	0.45	1.4	10	2.74 No	0.45 Thermal Discharging
TLK077	353	'4423622_/_4423620'	3.33		3.33	3.33	0.29	0.4	3.33	1.28 No	0.29 Thermal Discharging
TLK077	354	'612775241_/_8272986_1'		10	10	10	0.87	2.3	10	3.84 No	0.87 Thermal Discharging
TLK077	355	'155935976_/_7323909_1'	3.33		3.33	3.33	0.15	0.3	3.33	0.91 No	0.15 Thermal Discharging
TLK077	356	'4423571_/_4423568'	3.33		3.33	3.33	0.15	0.4	3.33	0.91 No	0.15 Thermal Discharging
TLK077	357	'8272968_/_437850095_2'		10	10	10	0.87	1.5	10	3.84 No	0.87 Thermal Discharging
TLK077	358	'4451156_/_475808522'		10	10	10	0.45	1.8	10	2.74 No	0.45 Thermal Discharging
TLK077	359	'4450367_/_43516711'	3.33		3.33	3.33	0.29	0.4	3.33	1.28 No	0.29 Thermal Discharging
TLK077	360	'679785750_/_7321183_1'		10	10	10	0.87	1.4	10	3.84 No	0.87 Thermal Discharging
TLK077	361	'4423801_/_4423811'	3.33		3.33	3.33	0.15	0.4	3.33	0.91 No	0.15 Thermal Discharging
TLK077	362	'4450574_/_4450584'	3.33		3.33	3.33	0.29	0.5	3.33	1.28 No	0.29 Thermal Discharging
TLK077	363	'7323517_/_8272986_2'		10	10	10	0.87	2.3	10	3.84 No	0.87 Thermal Discharging
TLK077	364	'4451172_/_475808494'		10	10	10	0.45	1.8	10	2.74 No	0.45 Thermal Discharging
TLK077	365	'7323912_/_7323909_2'	3.33		3.33	3.33	0.15	0.3	3.33	0.91 No	0.15 Thermal Discharging
TLK077	366	'450040538_/_7957273'		10	10	10	0.87	2.3	10	3.84 No	0.87 Thermal Discharging
TLK077	367	'4422838_/_4422900'	3.33		3.33	3.33	0.29	0.47	3.33	1.28 No	0.29 Thermal Discharging
TLK077	368	'43512239_/_4424021'	3.33		3.33	3.33	0.29	0.47	3.33	1.28 No	0.29 Thermal Discharging
TLK077	369	'736354531_/_8580470_2'	3.33		3.33	3.33	0.15	0.4	3.33	0.91 No	0.15 Thermal Discharging
TLK077	370	'4439580_/_475808466'		10	10	10	0.45	1.8	10	2.74 No	0.45 Thermal Discharging
TLK077	371	'4442598_/_4442631'	6.67		6.67	6.67	0.58	0.93	6.67	2.56 No	0.58 Thermal Discharging
TLK077	372	'4423441_/_4423451'	3.33		3.33	3.33	0.15	0.4	3.33	0.91 No	0.15 Thermal Discharging
TLK077	373	'4439560_/_475808438'		10	10	10	0.45	1.8	10	2.74 No	0.45 Thermal Discharging
TLK077	374	'5545764_/_119640899_2'	3.33		3.33	3.33	0.29	0.3	3.33	1.28 No	0.29 Thermal Discharging
TLK077	375	'8895537_/_410096990_1'	3.33		3.33	3.33	0.15	0.4	3.33	0.91 No	0.15 Thermal Discharging
TLK077	376	'7634635_/_8577732'	3.33		3.33	3.33	0.15	0.4	3.33	0.91 No	0.15 Thermal Discharging
TLK077	377	'7321586_/_7321583'		10	10	10	0.87	1.4	10	3.84 No	0.87 Thermal Discharging
TLK077	378	'4423921_/_4423918'	3.33		3.33	3.33	0.15	0.4	3.33	0.91 No	0.15 Thermal Discharging
TLK077	379	'4423467_/_4423477'	3.33		3.33	3.33	0.15	0.4	3.33	0.91 No	0.15 Thermal Discharging
TLK077	380	'7953581_/_351587499_1'	6.67		6.67	6.67	0.58	0.6	6.67	2.56 No	0.58 Thermal Discharging
TLK077	381	'4450639_/_4450636'	3.33		3.33	3.33	0.29	0.5	3.33	1.28 No	0.29 Thermal Discharging
TLK077	382	'4439543_/_475808406'		10	10	10	0.45	1.8	10	2.74 No	0.45 Thermal Discharging
TLK077	383	'475808791_/_475808333_2'		10	10	10	0.45	1.8	10	2.74 No	0.45 Thermal Discharging
TLK077	384	'434516857_/_583019649'	3.33		3.33	3.33	0.15	0.4	3.33	0.91 No	0.15 Thermal Discharging
TLK077	385	'679785783_/_679785799'		10	10	10	0.87	1.4	10	3.84 No	0.87 Thermal Discharging
TLK077	386	'4422890_/_43512241'	3.33		3.33	3.33	0.29	0.47	3.33	1.28 No	0.29 Thermal Discharging
TLK077	387	'4450561_/_4450571'	3.33		3.33	3.33	0.29	0.5	3.33	1.28 No	0.29 Thermal Discharging
TLK077	388	'4439471_/_475808333_1'		10	10	10	0.45	1.8	10	2.74 No	0.45 Thermal Discharging
TLK077	389	'8270306_/_9526312'		10	10	10	0.87	1.5	10	3.84 No	0.87 Thermal Discharging
TLK077	390	'7638697_/_450040645'		10	10	10	0.87	2.3	10	3.84 No	0.87 Thermal Discharging
TLK077	391	'4423649_/_4423646'	3.33		3.33	3.33	0.29	0.4	3.33	1.28 No	0.29 Thermal Discharging
TLK077	392	'9214050_/_9214048'		10	10	10	0.87	1.5	10	3.84 No	0.87 Thermal Discharging
TLK077	393	'5560335_/_5560333'	3.33		3.33	3.33	0.29	0.73	3.33	1.28 No	0.29 Thermal Discharging
TLK077	394	'7323478_/_761226186_2'		10	10	10	0.87	1.4	10	3.84 No	0.87 Thermal Discharging
TLK077	395	'71325137_/_475808317'		10	10	10	0.45	1.8	10	2.74 No	0.45 Thermal Discharging
TLK077	396	'4450811_/_4450821'	3.33		3.33	3.33	0.01	1.1	3.33	1.28 No	0.01 Thermal Discharging
TLK077	397	'7638037_/_9527406'		10	10	10	0.45	1.4	10	2.74 No	0.45 Thermal Discharging
TLK077	398	'119640877_/_119640874'		10	10	10	0.87	1.5	10	3.84 No	0.87 Thermal Discharging
TLK077	399	'4451115_/_4452198'		10	10	10	0.87	4.5	10	3.84 No	0.87 Thermal Discharging
TLK077	400	'119641045_/_119641017_1'		10	10	10	0.87	0.9	10	3.84 No	0.87 Thermal Discharging
TLK077	401	'4423076_/_43512228'		10	10	10	0.87	1.4	10	3.84 No	0.87 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TLK077	402	'578670985_/_5560440_2'	3.33	3.33	3.33	3.33	0.29	0.73	3.33	1.28 No	0.29 Thermal Discharging
TLK077	403	'7316998_/_541346400'	3.33	3.33	3.33	3.33	0.15	0.4	3.33	0.91 No	0.15 Thermal Discharging
TLK077	404	'71325162_/_71325139'	10	10	10	10	0.45	1.8	10	2.74 No	0.45 Thermal Discharging
TLK077	405	'7954907_/_9526258'	10	10	10	10	0.87	1.4	10	3.84 No	0.87 Thermal Discharging
TLK077	406	'4423584_/_4423581'	3.33	3.33	3.33	3.33	0.15	0.4	3.33	0.91 No	0.15 Thermal Discharging
TLK077	407	'4422705_/_4422702'	3.33	3.33	3.33	3.33	0.29	0.4	3.33	1.28 No	0.29 Thermal Discharging
TLK077	408	'8580472_/_736354555'	3.33	3.33	3.33	3.33	0.15	0.4	3.33	0.91 No	0.15 Thermal Discharging
TLK077	409	'679785817_/_679785848'	10	10	10	10	0.87	1.4	10	3.84 No	0.87 Thermal Discharging
TLK077	410	'103687369_/_103687266_1'	3.33	3.33	3.33	3.33	0.15	0.3	3.33	0.91 No	0.15 Thermal Discharging
TLK077	411	'71325188_/_71325165'	10	10	10	10	0.45	1.8	10	2.74 No	0.45 Thermal Discharging
TLK077	412	'8272969_/_8272966'	10	10	10	10	0.87	1.5	10	3.84 No	0.87 Thermal Discharging
TLK077	413	'7323768_/_9531286_1'	3.33	3.33	3.33	3.33	0.15	0.3	3.33	0.91 No	0.15 Thermal Discharging
TLK077	414	'7954890_/_157594644'	6.67	6.67	6.67	6.67	0.58	0.93	6.67	2.56 No	0.58 Thermal Discharging
TLK077	415	'7632512_/_583019658'	3.33	3.33	3.33	3.33	0.15	0.4	3.33	0.91 No	0.15 Thermal Discharging
TLK077	416	'450040580_/_450040620'	10	10	10	10	0.87	2.3	10	3.84 No	0.87 Thermal Discharging
TLK077	417	'9211963_/_351587499_2'	6.67	6.67	6.67	6.67	0.58	0.6	6.67	2.56 No	0.58 Thermal Discharging
TLK077	418	'4426431_/_4426428'	10	10	10	10	0.45	1.5	10	2.74 No	0.45 Thermal Discharging
TLK077	419	'4423466_/_4423464'	3.33	3.33	3.33	3.33	0.15	0.4	3.33	0.91 No	0.15 Thermal Discharging
TLK077	420	'7321186_/_679785821'	10	10	10	10	0.87	1.4	10	3.84 No	0.87 Thermal Discharging
TLK077	421	'71325194_/_71325191'	10	10	10	10	0.45	1.8	10	2.74 No	0.45 Thermal Discharging
TLK077	422	'7323518_/_7638694'	10	10	10	10	0.87	2.3	10	3.84 No	0.87 Thermal Discharging
TLK077	423	'4422877_/_4422887'	3.33	3.33	3.33	3.33	0.29	0.47	3.33	1.28 No	0.29 Thermal Discharging
TLK077	424	'43512838_/_43512840'	10	10	10	10	0.45	1.8	10	2.74 No	0.45 Thermal Discharging
TLK077	425	'9215775_/_9215772_1'	10	10	10	10	0.45	1.4	10	2.74 No	0.45 Thermal Discharging
TLK077	426	'103687555_/_103687502_1'	3.33	3.33	3.33	3.33	0.15	0.3	3.33	0.91 No	0.15 Thermal Discharging
TLK077	427	'8267166_/_8267163'	3.33	3.33	3.33	3.33	0.15	0.4	3.33	0.91 No	0.15 Thermal Discharging
TLK077	428	'456130214_/_456130143_1'	10	10	10	10	0.45	1.4	10	2.74 No	0.45 Thermal Discharging
TLK077	429	'43516458_/_4450124'	3.33	3.33	3.33	3.33	0.01	1.1	3.33	1.28 No	0.01 Thermal Discharging
TLK077	430	'4423428_/_4423438'	3.33	3.33	3.33	3.33	0.15	0.4	3.33	0.91 No	0.15 Thermal Discharging
TLK077	431	'8273008_/_8273006'	10	10	10	10	0.87	1.5	10	3.84 No	0.87 Thermal Discharging
TLK077	432	'4426552_/_4426550'	10	10	10	10	0.45	1.8	10	2.74 No	0.45 Thermal Discharging
TLK077	433	'4452155_/_4452165'	3.33	3.33	3.33	3.33	0.29	0.4	3.33	1.28 No	0.29 Thermal Discharging
TLK077	434	'5560430_/_5560440_1'	3.33	3.33	3.33	3.33	0.29	0.4	3.33	1.28 No	0.29 Thermal Discharging
TLK077	435	'5545763_/_43736152'	3.33	3.33	3.33	3.33	0.29	0.3	3.33	1.28 No	0.29 Thermal Discharging
TLK077	436	'535755632_/_535755567_1'	10	10	10	10	0.45	1.4	10	2.74 No	0.45 Thermal Discharging
TLK077	437	'4423597_/_4423594'	3.33	3.33	3.33	3.33	0.15	0.4	3.33	0.91 No	0.15 Thermal Discharging
TLK077	438	'4426397_/_43512816'	10	10	10	10	0.45	1.4	10	2.74 No	0.45 Thermal Discharging
TLK077	439	'4423093_/_4423090'	10	10	10	10	0.87	1.4	10	3.84 No	0.87 Thermal Discharging
TLK077	440	'4423787_/_4423798'	3.33	3.33	3.33	3.33	0.15	0.4	3.33	0.91 No	0.15 Thermal Discharging
TLK077	441	'4422837_/_4422835'	3.33	3.33	3.33	3.33	0.29	0.47	3.33	1.28 No	0.29 Thermal Discharging
TLK077	442	'43513388_/_4442595'	3.33	3.33	3.33	3.33	0.29	0.47	3.33	1.28 No	0.29 Thermal Discharging
TLK077	443	'155773118_/_155773121'	10	10	10	10	0.45	1.4	10	2.74 No	0.45 Thermal Discharging
TLK077	444	'7634634_/_7634632'	3.33	3.33	3.33	3.33	0.15	0.4	3.33	0.91 No	0.15 Thermal Discharging
TLK077	445	'7140239_/_7140236'	10	10	10	10	0.45	1.8	10	2.74 No	0.45 Thermal Discharging
TLK077	446	'4450548_/_4450558'	3.33	3.33	3.33	3.33	0.29	0.5	3.33	1.28 No	0.29 Thermal Discharging
TLK077	447	'119641006_/_119641017_2'	10	10	10	10	0.87	0.9	10	3.84 No	0.87 Thermal Discharging
TLK077	448	'7321169_/_8580606'	10	10	10	10	0.87	1.4	10	3.84 No	0.87 Thermal Discharging
TLK077	449	'4450850_/_4450847'	3.33	3.33	3.33	3.33	0.01	1.1	3.33	1.28 No	0.01 Thermal Discharging
TLK077	450	'4443184_/_4443182'	3.33	3.33	3.33	3.33	0.29	0.4	3.33	1.28 No	0.29 Thermal Discharging
TLK077	451	'433876655_/_433876678_1'	3.33	3.33	3.33	3.33	0.15	0.4	3.33	0.91 No	0.15 Thermal Discharging
TLK077	452	'476347621_/_44058225'	10	10	10	10	0.45	1.8	10	2.74 No	0.45 Thermal Discharging
TLK077	453	'4450665_/_4450675'	3.33	3.33	3.33	3.33	0.29	0.5	3.33	1.28 No	0.29 Thermal Discharging
TLK077	454	'508801277_/_508801257_2'	10	10	10	10	0.45	1.8	10	2.74 No	0.45 Thermal Discharging
TLK077	455	'43515058_/_4443493'	3.33	3.33	3.33	3.33	0.15	0.4	3.33	0.91 No	0.15 Thermal Discharging
TLK077	456	'7636756_/_8270304'	10	10	10	10	0.87	1.5	10	3.84 No	0.87 Thermal Discharging
TLK077	457	'476347583_/_476347625'	10	10	10	10	0.45	1.8	10	2.74 No	0.45 Thermal Discharging
TLK077	458	'43738274_/_43738276'	2.67	3.33	3.33	3.33	0.29	0.4	3.33	1.28 No	0.29 Thermal Discharging
TLK077	459	'508801228_/_508801207_2'	10	10	10	10	0.45	1.8	10	2.74 No	0.45 Thermal Discharging
TLK077	460	'4450652_/_4450649'	3.33	3.33	3.33	3.33	0.29	0.5	3.33	1.28 No	0.29 Thermal Discharging
TLK077	461	'70249901_/_476347587'	10	10	10	10	0.45	1.8	10	2.74 No	0.45 Thermal Discharging
TLK077	462	'4450798_/_4450808'	3.33	3.33	3.33	3.33	0.01	1.1	3.33	1.28 No	0.01 Thermal Discharging
TLK077	463	'471549320_/_471549266_1'	10	10	10	10	0.45	1.5	10	2.74 No	0.45 Thermal Discharging
TLK077	464	'7321253_/_7954904'	10	10	10	10	0.87	1.4	10	3.84 No	0.87 Thermal Discharging
TLK077	465	'476347725_/_508801257_1'	10	10	10	10	0.45	1.8	10	2.74 No	0.45 Thermal Discharging
TLK077	466	'476347833_/_508801207_1'	10	10	10	10	0.45	1.8	10	2.74 No	0.45 Thermal Discharging
TLK077	467	'456130124_/_456130143_2'	10	10	10	10	0.45	1.4	10	2.74 No	0.45 Thermal Discharging
TLK077	468	'4423415_/_4423425'	3.33	3.33	3.33	3.33	0.15	0.4	3.33	0.91 No	0.15 Thermal Discharging
TLK077	469	'4423610_/_4423607'	3.33	3.33	3.33	3.33	0.15	0.4	3.33	0.91 No	0.15 Thermal Discharging
TLK077	470	'7323498_/_8582842'	10	10	10	10	0.87	1.5	10	3.84 No	0.87 Thermal Discharging
TLK077	471	'4422876_/_4422874'	3.33	3.33	3.33	3.33	0.29	0.47	3.33	1.28 No	0.29 Thermal Discharging
TLK077	472	'4422718_/_4422715'	3.33	3.33	3.33	3.33	0.29	0.4	3.33	1.28 No	0.29 Thermal Discharging
TLK077	473	'43512419_/_4423785'	3.33	3.33	3.33	3.33	0.15	0.4	3.33	0.91 No	0.15 Thermal Discharging
TLK077	474	'4450522_/_4450532'	3.33	3.33	3.33	3.33	0.29	0.5	3.33	1.28 No	0.29 Thermal Discharging
TLK077	475	'9215755_/_9527352'	10	10	10	10	0.45	1.4	10	2.74 No	0.45 Thermal Discharging
TLK077	476	'7636757_/_66855473'	10	10	10	10	0.87	1.5	10	3.84 No	0.87 Thermal Discharging
TLK077	477	'7632513_/_559126037'	3.33	3.33	3.33	3.33	0.15	0.4	3.33	0.91 No	0.15 Thermal Discharging
TLK077	478	'7323767_/_7323765'	3.33	3.33	3.33	3.33	0.15	0.3	3.33	0.91 No	0.15 Thermal Discharging
TLK077	479	'103687255_/_103687266_2'	3.33	3.33	3.33	3.33	0.15	0.3	3.33	0.91 No	0.15 Thermal Discharging
TLK077	480	'4450664_/_4450662'	3.33	3.33	3.33	3.33	0.29	0.5	3.33	1.28 No	0.29 Thermal Discharging
TLK077	481	'4450733_/_4450743'	3.33	3.33	3.33	3.33	0.29	0.5	3.33	1.28 No	0.29 Thermal Discharging
TLK077	482	'43516665_/_43516667'	3.33	3.33	3.33	3.33	0.29	0.4	3.33	1.28 No	0.29 Thermal Discharging
TLK077	483	'4424356_/_7081510'	3.33	3.33	3.33	3.33	0.01	1.1	3.33	1.28 No	0.01 Thermal Discharging
TLK077	484	'8576246_/_410097009'	3.33	3.33	3.33	3.33	0.15	0.4	3.33	0.91 No	0.15 Thermal Discharging
TLK077	485	'4425716_/_4425714'	2.07	3.33	3.33	3.33	0.29	0.47	3.33	1.28 No	0.29 Thermal Discharging
TLK077	486	'4437015_/_4437013'	3.33	3.33	3.33	3.33	0.15	0.4	3.33	0.91 No	0.15 Thermal Discharging
TLK077	487	'153583429_/_153583411'	3.33	3.33	3.33	3.33	0.15	0.47	3.33	0.91 No	0.15 Thermal Discharging
TLK077	488	'5560310_/_5560414'	2.1	3.33	3.33	3.33	0.29	0.4	3.33	1.28 No	0.29 Thermal Discharging
TLK077	489	'8896691_/_9211384'	3.33	3.33	3.33	3.33	0.15	0.5	3.33	0.91 No	0.15 Thermal Discharging
TLK077	490	'8581780_/_8581778'	3.33	3.33	3.33	3.33	0.15	0.3	3.33	0.91 No	0.15 Thermal Discharging
TLK077	491	'4426448_/_4426445'	10	10	10	10	0.45	1.5	10	2.74 No	0.45 Thermal Discharging
TLK077	492	'43736139_/_5545777'	3.33	3.33	3.33	3.33	0.29	0.3	3.33	1.28 No	0.29 Thermal Discharging
TLK077	493	'4422851_/_4422848'	2.53	3.33	3.33	3.33	0.29	0.47	3.33	1.28 No	0.29 Thermal Discharging
TLK077	494	'535755548_/_535755567_2'	10	10	10	10	0.45	1.4	10	2.74 No	0.45 Thermal Discharging
TLK077	495	'43516687_/_4450873'	3.33	3.33	3.33	3.33	0.01	1.1	3.33	1.28 No	0.01 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TLK077	496	'594190277_/_471549266_2'		10	10	10	0.45	1.5	10	2.74 No	0.45 Thermal Discharging
TLK077	497	'4423853_/_4443506'		3.33	3.33	3.33	0.15	0.4	3.33	0.91 No	0.15 Thermal Discharging
TLK077	498	'594190329_/_594190345'		10	10	10	0.45	1.5	10	2.74 No	0.45 Thermal Discharging
TLK077	499	'68347925_/_68347928'		10	10	10	0.87	1.4	10	3.84 No	0.87 Thermal Discharging
TLK077	500	'4423402_/_4423412'		3.33	3.33	3.33	0.15	0.4	3.33	0.91 No	0.15 Thermal Discharging
TLK077	501	'4450772_/_4450795'		3.33	3.33	3.33	0.01	1.1	3.33	1.28 No	0.01 Thermal Discharging
TLK077	502	'8270039_/_8900444'		10	10	10	0.87	1.4	10	3.84 No	0.87 Thermal Discharging
TLK077	503	'594190297_/_594190375'		10	10	10	0.45	1.5	10	2.74 No	0.45 Thermal Discharging
TLK077	504	'490924256_/_476347916'		10	10	10	0.45	1.8	10	2.74 No	0.45 Thermal Discharging
TLK077	505	'5560323_/_5560469'		1.77	3.33	3.33	0.29	0.73	3.33	1.28 No	0.29 Thermal Discharging
TLK077	506	'490924228_/_490924260'		10	10	10	0.45	1.8	10	2.74 No	0.45 Thermal Discharging
TLK077	507	'4450234_/_4450860'		3.33	3.33	3.33	0.01	1.1	3.33	1.28 No	0.01 Thermal Discharging
TLK077	508	'103687466_/_103687502_2'		3.33	3.33	3.33	0.15	0.3	3.33	0.91 No	0.15 Thermal Discharging
TLK077	509	'4423389_/_43512421'		3.33	3.33	3.33	0.15	0.4	3.33	0.91 No	0.15 Thermal Discharging
TLK077	510	'7316997_/_606761922'		3.33	3.33	3.33	0.15	0.4	3.33	0.91 No	0.15 Thermal Discharging
TLK077	511	'43512491_/_4422913'		2.1	3.33	3.33	0.29	0.47	3.33	1.28 No	0.29 Thermal Discharging
TLK077	512	'7741219_/_8273026'		10	10	10	0.87	2.3	10	3.84 No	0.87 Thermal Discharging
TLK077	513	'5560297_/_5560307'		1.83	3.33	3.33	0.29	0.4	3.33	1.28 No	0.29 Thermal Discharging
TLK077	514	'4450153_/_4450519'		3.33	3.33	3.33	0.29	0.5	3.33	1.28 No	0.29 Thermal Discharging
TLK077	515	'8266863_/_9367158'		3.33	3.33	3.33	0.15	0.4	3.33	0.91 No	0.15 Thermal Discharging
TLK077	516	'500741896_/_751049963'		10	10	10	0.45	1.8	10	2.74 No	0.45 Thermal Discharging
TLK077	517	'8270286_/_9214028'		10	10	10	0.87	1.4	10	3.84 No	0.87 Thermal Discharging
TLK077	518	'68348036_/_68348043'		10	10	10	0.87	1.4	10	3.84 No	0.87 Thermal Discharging
TLK077	519	'7957295_/_7957293_1'		10	10	10	0.87	5.1	10	3.84 No	0.87 Thermal Discharging
TLK077	520	'4452129_/_4452139'		3.33	3.33	3.33	0.29	0.4	3.33	1.28 No	0.29 Thermal Discharging
TLK077	521	'4422864_/_4422861'		1.9	3.33	3.33	0.29	0.47	3.33	1.28 No	0.29 Thermal Discharging
TLK077	522	'4423401_/_4423399'		3.33	3.33	3.33	0.15	0.4	3.33	0.91 No	0.15 Thermal Discharging
TLK077	523	'43512548_/_4424353'		3.33	3.33	3.33	0.01	1.1	3.33	1.28 No	0.01 Thermal Discharging
TLK077	524	'103687385_/_103687396'		3.33	3.33	3.33	0.15	0.3	3.33	0.91 No	0.15 Thermal Discharging
TLK077	525	'43516572_/_43516574'		3.33	3.33	3.33	0.29	0.5	3.33	1.28 No	0.29 Thermal Discharging
TLK077	526	'120628296_/_120628293'		3.33	3.33	3.33	0.29	0.3	3.33	1.28 No	0.29 Thermal Discharging
TLK077	527	'4423840_/_4423850'		3.33	3.33	3.33	0.15	0.4	3.33	0.91 No	0.15 Thermal Discharging
TLK077	528	'490924174_/_490924286'		3.33	3.33	3.33	0.15	0.6	3.33	0.91 No	0.15 Thermal Discharging
TLK077	529	'490924167_/_490924171'		3.33	3.33	3.33	0.15	0.6	3.33	0.91 No	0.15 Thermal Discharging
TLK077	530	'490924186_/_490924183'		3.33	3.33	3.33	0.15	0.6	3.33	0.91 No	0.15 Thermal Discharging
TLK077	531	'490924180_/_490924177'		3.33	3.33	3.33	0.15	0.6	3.33	0.91 No	0.15 Thermal Discharging
TLK077	532	'490924168_/_490924165'		3.33	3.33	3.33	0.15	0.6	3.33	0.91 No	0.15 Thermal Discharging
TLK077	533	'43512250_/_4422728'		2.1	3.33	3.33	0.29	0.4	3.33	1.28 No	0.29 Thermal Discharging
TLK077	534	'358815703_/_358815722'		10	10	10	0.87	1.4	10	3.84 No	0.87 Thermal Discharging
TLK077	535	'7632448_/_583019701'		3.33	3.33	3.33	0.15	0.4	3.33	0.91 No	0.15 Thermal Discharging
TLK077	536	'102038376_/_103687793_1'		3.33	3.33	3.33	0.15	0.3	3.33	0.91 No	0.15 Thermal Discharging
TLK077	537	'8272485_/_8903092'		10	10	10	0.87	1.5	10	3.84 No	0.87 Thermal Discharging
TLK077	538	'68348011_/_68348056'		10	10	10	0.87	1.4	10	3.84 No	0.87 Thermal Discharging
TLK077	539	'4450889_/_4450886'		3.33	3.33	3.33	0.01	1.1	3.33	1.28 No	0.01 Thermal Discharging
TLK077	540	'9210429_/_433876678_2'		3.33	3.33	3.33	0.15	0.4	3.33	0.91 No	0.15 Thermal Discharging
TLK077	541	'349990424_/_8903472_2'		10	10	10	0.87	5.1	10	3.84 No	0.87 Thermal Discharging
TLK077	542	'43516513_/_43516515'		3.33	3.33	3.33	0.01	1.1	3.33	1.28 No	0.01 Thermal Discharging
TLK077	543	'4461171_/_8903472_1'		10	10	10	0.87	5.1	10	3.84 No	0.87 Thermal Discharging
TLK077	544	'4423376_/_4423386'		3.33	3.33	3.33	0.15	0.4	3.33	0.91 No	0.15 Thermal Discharging
TLK077	545	'43516595_/_4450769'		3.33	3.33	3.33	0.01	1.1	3.33	1.28 No	0.01 Thermal Discharging
TLK077	546	'5557996_/_5560294'		1.63	3.33	3.33	0.29	0.4	3.33	1.28 No	0.29 Thermal Discharging
TLK077	547	'4426465_/_4426462'		10	10	10	0.45	1.5	10	2.74 No	0.45 Thermal Discharging
TLK077	548	'157344816_/_8270036_1'		10	10	10	0.87	1.4	10	3.84 No	0.87 Thermal Discharging
TLK077	549	'358815750_/_358815792'		10	10	10	0.87	1.4	10	3.84 No	0.87 Thermal Discharging
TLK077	550	'43516480_/_43516482'		3.33	3.33	3.33	0.29	0.5	3.33	1.28 No	0.29 Thermal Discharging
TLK077	551	'4450902_/_4450899'		3.33	3.33	3.33	0.01	1.1	3.33	1.28 No	0.01 Thermal Discharging
TLK077	552	'471549247_/_594190301'		10	10	10	0.45	1.5	10	2.74 No	0.45 Thermal Discharging
TLK077	553	'4422929_/_43512493'		1.67	3.33	3.33	0.29	0.47	3.33	1.28 No	0.29 Thermal Discharging
TLK077	554	'7321345_/_358815754'		10	10	10	0.87	1.4	10	3.84 No	0.87 Thermal Discharging
TLK077	555	'7483335_/_7483332'		6.67	6.67	6.67	0.58	1.53	6.67	2.56 No	0.58 Thermal Discharging
TLK077	556	'371110009_/_7321343'		10	10	10	0.87	1.4	10	3.84 No	0.87 Thermal Discharging
TLK077	557	'371110053_/_371110118'		10	10	10	0.87	1.4	10	3.84 No	0.87 Thermal Discharging
TLK077	558	'500741750_/_500741766'		10	10	10	0.45	1.8	10	2.74 No	0.45 Thermal Discharging
TLK077	559	'8266848_/_8896688'		3.33	3.33	3.33	0.15	0.5	3.33	0.91 No	0.15 Thermal Discharging
TLK077	560	'4424330_/_4424340'		3.33	3.33	3.33	0.01	1.1	3.33	1.28 No	0.01 Thermal Discharging
TLK077	561	'103687427_/_103687477'		3.33	3.33	3.33	0.15	0.3	3.33	0.91 No	0.15 Thermal Discharging
TLK077	562	'43516583_/_43516585'		3.33	3.33	3.33	0.01	1.1	3.33	1.28 No	0.01 Thermal Discharging
TLK077	563	'4450273_/_4452126'		3.33	3.33	3.33	0.29	0.4	3.33	1.28 No	0.29 Thermal Discharging
TLK077	564	'4450707_/_4450717'		3.33	3.33	3.33	0.29	0.5	3.33	1.28 No	0.29 Thermal Discharging
TLK077	565	'68347965_/_68348018'		10	10	10	0.87	1.4	10	3.84 No	0.87 Thermal Discharging
TLK077	566	'8546375_/_8546388'		2.07	3.33	3.33	0.15	0.4	3.33	0.91 No	0.15 Thermal Discharging
TLK077	567	'7632449_/_583019631'		2.57	3.33	3.33	0.15	0.4	3.33	0.91 No	0.15 Thermal Discharging
TLK077	568	'5560322_/_5560320'		1.33	3.33	3.33	0.29	0.73	3.33	1.28 No	0.29 Thermal Discharging
TLK077	569	'4423827_/_4423837'		3.33	3.33	3.33	0.15	0.4	3.33	0.91 No	0.15 Thermal Discharging
TLK077	570	'4450208_/_4450231'		3.33	3.33	3.33	0.01	1.1	3.33	1.28 No	0.01 Thermal Discharging
TLK077	571	'4450915_/_4450912'		3.33	3.33	3.33	0.01	1.1	3.33	1.28 No	0.01 Thermal Discharging
TLK077	572	'5560388_/_5560385_2'		1.3	3.33	3.33	0.29	0.73	3.33	1.28 No	0.29 Thermal Discharging
TLK077	573	'5557995_/_43737931'		1.43	3.33	3.33	0.29	0.4	3.33	1.28 No	0.29 Thermal Discharging
TLK077	574	'7317995_/_8266861'		3.33	3.33	3.33	0.15	0.4	3.33	0.91 No	0.15 Thermal Discharging
TLK077	575	'7483334_/_9060763'		10	10	10	0.87	2.3	10	3.84 No	0.87 Thermal Discharging
TLK077	576	'43512502_/_4422939'		1.47	3.33	3.33	0.29	0.47	3.33	1.28 No	0.29 Thermal Discharging
TLK077	577	'5560375_/_5560385_1'		1.27	3.33	3.33	0.29	0.4	3.33	1.28 No	0.29 Thermal Discharging
TLK077	578	'43512375_/_43512377'		3.33	3.33	3.33	0.15	0.4	3.33	0.91 No	0.15 Thermal Discharging
TLK077	579	'4450759_/_4450782'		3.33	3.33	3.33	0.01	1.1	3.33	1.28 No	0.01 Thermal Discharging
TLK077	580	'66855545_/_8272482'		10	10	10	0.87	1.5	10	3.84 No	0.87 Thermal Discharging
TLK077	581	'4424317_/_4424327'		3.33	3.33	3.33	0.01	1.1	3.33	1.28 No	0.01 Thermal Discharging
TLK077	582	'8265781_/_154611525'		3.33	3.33	3.33	0.15	0.4	3.33	0.91 No	0.15 Thermal Discharging
TLK077	583	'4450139_/_4450137'		3.33	3.33	3.33	0.29	0.5	3.33	1.28 No	0.29 Thermal Discharging
TLK077	584	'43516676_/_4450951'		3.33	3.33	3.33	0.01	1.1	3.33	1.28 No	0.01 Thermal Discharging
TLK077	585	'500741886_/_500741782'		10	10	10	0.45	1.8	10	2.74 No	0.45 Thermal Discharging
TLK077	586	'4422744_/_43512252'		1.57	3.33	3.33	0.29	0.4	3.33	1.28 No	0.29 Thermal Discharging
TLK077	587	'747202469_/_583019622_1'		1.87	3.33	3.33	0.15	0.4	3.33	0.91 No	0.15 Thermal Discharging
TLK077	588	'4450691_/_4450704'		3.33	3.33	3.33	0.29	0.5	3.33	1.28 No	0.29 Thermal Discharging
TLK077	589	'4426482_/_4426479'		5.9	10	10	0.45	1.5	10	2.74 No	0.45 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TLK077	590	'8420117_/_9640071'	3.33	3.33	3.33	0.15	0.3	3.33	0.91 No	0.15	Thermal Discharging
TLK077	591	'4450260_/_4450270'	3.33	3.33	3.33	0.29	0.4	3.33	1.28 No	0.29	Thermal Discharging
TLK077	592	'8546359_/_8546372'	1.63	3.33	3.33	0.15	0.4	3.33	0.91 No	0.15	Thermal Discharging
TLK077	593	'474130160_/_490924338'	3.33	3.33	3.33	0.15	0.6	3.33	0.91 No	0.15	Thermal Discharging
TLK077	594	'4423324_/_4423824'	3.33	3.33	3.33	0.15	0.4	3.33	0.91 No	0.15	Thermal Discharging
TLK077	595	'43516502_/_43516504'	3.33	3.33	3.33	0.01	1.1	3.33	1.28 No	0.01	Thermal Discharging
TLK077	596	'4450221_/_4450218'	3.33	3.33	3.33	0.01	1.1	3.33	1.28 No	0.01	Thermal Discharging
TLK077	597	'66855599_/_66855543'	10	10	10	0.87	1.5	10	3.84 No	0.87	Thermal Discharging
TLK077	598	'45349010_/_4422955'	1.33	3.33	3.33	0.29	0.47	3.33	1.28 No	0.29	Thermal Discharging
TLK077	599	'7321254_/_7321251'	10	10	10	0.87	1.4	10	3.84 No	0.87	Thermal Discharging
TLK077	600	'476347735_/_476347776'	10	10	10	0.45	1.8	10	2.74 No	0.45	Thermal Discharging
TLK077	601	'7638092_/_66855596'	10	10	10	0.87	1.5	10	3.84 No	0.87	Thermal Discharging
TLK077	602	'476347745_/_476347791'	10	10	10	0.45	1.8	10	2.74 No	0.45	Thermal Discharging
TLK077	603	'7317980_/_8266845'	3.33	3.33	3.33	0.15	0.5	3.33	0.91 No	0.15	Thermal Discharging
TLK077	604	'474130196_/_474130265'	3.33	3.33	3.33	0.15	0.6	3.33	0.91 No	0.15	Thermal Discharging
TLK077	605	'4450195_/_4450756'	3.33	3.33	3.33	0.01	1.1	3.33	1.28 No	0.01	Thermal Discharging
TLK077	606	'43512537_/_4424314'	3.33	3.33	3.33	0.01	1.1	3.33	1.28 No	0.01	Thermal Discharging
TLK077	607	'66855569_/_7638090'	10	10	10	0.87	1.5	10	3.84 No	0.87	Thermal Discharging
TLK077	608	'7816424_/_490924518'	10	10	10	0.45	1.8	10	2.74 No	0.45	Thermal Discharging
TLK077	609	'43738263_/_43738265'	1.13	3.33	3.33	0.29	0.4	3.33	1.28 No	0.29	Thermal Discharging
TLK077	610	'4423350_/_4423360'	2.53	3.33	3.33	0.15	0.4	3.33	0.91 No	0.15	Thermal Discharging
TLK077	611	'5560458_/_5560456'	1.1	3.33	3.33	0.29	0.73	3.33	1.28 No	0.29	Thermal Discharging
TLK077	612	'474130178_/_474130279'	3.33	3.33	3.33	0.15	0.6	3.33	0.91 No	0.15	Thermal Discharging
TLK077	613	'4450928_/_4450925'	3.33	3.33	3.33	0.01	1.1	3.33	1.28 No	0.01	Thermal Discharging
TLK077	614	'7323497_/_371110057_1'	10	10	10	0.87	1.5	10	3.84 No	0.87	Thermal Discharging
TLK077	615	'612775074_/_7812410'	10	10	10	0.87	2.3	10	3.84 No	0.87	Thermal Discharging
TLK077	616	'4450690_/_4450688'	3.33	3.33	3.33	0.29	0.5	3.33	1.28 No	0.29	Thermal Discharging
TLK077	617	'4426098_/_7081542'	3.33	3.33	3.33	0.29	0.5	3.33	1.28 No	0.29	Thermal Discharging
TLK077	618	'4450246_/_4450244'	3.33	3.33	3.33	0.29	0.4	3.33	1.28 No	0.29	Thermal Discharging
TLK077	619	'4422757_/_4422754'	1.33	3.33	3.33	0.29	0.4	3.33	1.28 No	0.29	Thermal Discharging
TLK077	620	'7317996_/_308449817'	3.33	3.33	3.33	0.15	0.4	3.33	0.91 No	0.15	Thermal Discharging
TLK077	621	'4423311_/_4423321'	2.17	3.33	3.33	0.15	0.4	3.33	0.91 No	0.15	Thermal Discharging
TLK077	622	'4424303_/_4424301'	3.33	3.33	3.33	0.01	1.1	3.33	1.28 No	0.01	Thermal Discharging
TLK077	623	'8420116_/_8420114'	3.33	3.33	3.33	0.15	0.3	3.33	0.91 No	0.15	Thermal Discharging
TLK077	624	'7636741_/_7636738'	3.33	3.33	3.33	0.29	0.5	3.33	1.28 No	0.29	Thermal Discharging
TLK077	625	'5560284_/_5560359'	1.03	3.33	3.33	0.29	0.4	3.33	1.28 No	0.29	Thermal Discharging
TLK077	626	'4423349_/_4423347'	2.1	3.33	3.33	0.15	0.4	3.33	0.91 No	0.15	Thermal Discharging
TLK077	627	'4439613_/_7081574'	3.33	3.33	3.33	0.01	1.1	3.33	1.28 No	0.01	Thermal Discharging
TLK077	628	'667487481_/_667487503'	3.33	3.33	3.33	0.15	0.3	3.33	0.91 No	0.15	Thermal Discharging
TLK077	629	'4450182_/_4450192'	3.33	3.33	3.33	0.01	1.1	3.33	1.28 No	0.01	Thermal Discharging
TLK077	630	'4426499_/_4426496'	4.3	10	10	0.45	1.5	10	2.74 No	0.45	Thermal Discharging
TLK077	631	'361036237_/_361036037_1'	4.3	10	10	0.45	0.9	10	2.74 No	0.45	Thermal Discharging
TLK077	632	'4450299_/_4450938'	3.33	3.33	3.33	0.01	1.1	3.33	1.28 No	0.01	Thermal Discharging
TLK077	633	'43512658_/_43512660'	3.33	3.33	3.33	0.29	0.5	3.33	1.28 No	0.29	Thermal Discharging
TLK077	634	'361036018_/_361036037_2'	4.1	10	10	0.45	0.9	10	2.74 No	0.45	Thermal Discharging
TLK077	635	'8577311_/_9053833'	3.33	3.33	3.33	0.15	0.3	3.33	0.91 No	0.15	Thermal Discharging
TLK077	636	'4427711_/_4427721'	3.33	3.33	3.33	0.01	1.1	3.33	1.28 No	0.01	Thermal Discharging
TLK077	637	'4426315_/_7081590'	3.33	3.33	3.33	0.29	0.4	3.33	1.28 No	0.29	Thermal Discharging
TLK077	638	'5560283_/_5560281'	0.97	3.33	3.33	0.29	0.4	3.33	1.28 No	0.29	Thermal Discharging
TLK077	639	'7317114_/_8546356'	1.2	3.33	3.33	0.15	0.4	3.33	0.91 No	0.15	Thermal Discharging
TLK077	640	'4422770_/_4422767'	1.2	3.33	3.33	0.29	0.4	3.33	1.28 No	0.29	Thermal Discharging
TLK077	641	'9401591_/_474130335'	3.33	3.33	3.33	0.15	0.6	3.33	0.91 No	0.15	Thermal Discharging
TLK077	642	'4424275_/_4427708'	3.33	3.33	3.33	0.01	1.1	3.33	1.28 No	0.01	Thermal Discharging
TLK077	643	'476347893_/_500741722'	10	10	10	0.45	1.8	10	2.74 No	0.45	Thermal Discharging
TLK077	644	'43512397_/_43512399'	1.77	3.33	3.33	0.15	0.4	3.33	0.91 No	0.15	Thermal Discharging
TLK077	645	'7638036_/_7638034'	3.33	3.33	3.33	0.15	0.47	3.33	0.91 No	0.15	Thermal Discharging
TLK077	646	'7796156_/_476348006'	10	10	10	0.45	1.8	10	2.74 No	0.45	Thermal Discharging
TLK077	647	'66855624_/_66855727'	10	10	10	0.87	1.5	10	3.84 No	0.87	Thermal Discharging
TLK077	648	'43514744_/_43514746'	3.33	3.33	3.33	0.01	1.1	3.33	1.28 No	0.01	Thermal Discharging
TLK077	649	'43516491_/_43516493'	3.33	3.33	3.33	0.01	1.1	3.33	1.28 No	0.01	Thermal Discharging
TLK077	650	'4426072_/_4426082'	2.13	3.33	3.33	0.29	0.5	3.33	1.28 No	0.29	Thermal Discharging
TLK077	651	'43516469_/_4450296'	3.33	3.33	3.33	0.01	1.1	3.33	1.28 No	0.01	Thermal Discharging
TLK077	652	'7317979_/_7317977'	1.7	3.33	3.33	0.15	0.5	3.33	0.91 No	0.15	Thermal Discharging
TLK077	653	'43512526_/_43512528'	3.33	3.33	3.33	0.01	1.1	3.33	1.28 No	0.01	Thermal Discharging
TLK077	654	'8265782_/_410097034'	1.47	3.33	3.33	0.15	0.4	3.33	0.91 No	0.15	Thermal Discharging
TLK077	655	'4424291_/_4424288'	3.33	3.33	3.33	0.01	1.1	3.33	1.28 No	0.01	Thermal Discharging
TLK077	656	'513150839_/_513150889'	10	10	10	0.45	1.8	10	2.74 No	0.45	Thermal Discharging
TLK077	657	'9527355_/_9527372'	3.33	3.33	3.33	0.15	0.47	3.33	0.91 No	0.15	Thermal Discharging
TLK077	658	'43512779_/_4426312'	3.33	3.33	3.33	0.29	0.4	3.33	1.28 No	0.29	Thermal Discharging
TLK077	659	'4426231_/_4439594'	2.1	3.33	3.33	0.01	1.1	3.33	1.28 No	0.01	Thermal Discharging
TLK077	660	'5560510_/_5560508'	0.87	3.33	3.33	0.29	0.73	3.33	1.28 No	0.29	Thermal Discharging
TLK077	661	'70249953_/_66855621_1'	10	10	10	0.45	1.4	10	2.74 No	0.45	Thermal Discharging
TLK077	662	'43738028_/_43738030'	0.87	3.33	3.33	0.29	0.4	3.33	1.28 No	0.29	Thermal Discharging
TLK077	663	'612775123_/_612775155'	10	10	10	0.87	2.3	10	3.84 No	0.87	Thermal Discharging
TLK077	664	'4422783_/_4422780'	1.07	3.33	3.33	0.29	0.4	3.33	1.28 No	0.29	Thermal Discharging
TLK077	665	'5560563_/_5560560_2'	0.83	3.33	3.33	0.29	0.73	3.33	1.28 No	0.29	Thermal Discharging
TLK077	666	'4450165_/_4450163'	1.97	3.33	3.33	0.01	1.1	3.33	1.28 No	0.01	Thermal Discharging
TLK077	667	'4423285_/_4423295'	1.53	3.33	3.33	0.15	0.4	3.33	0.91 No	0.15	Thermal Discharging
TLK077	668	'4426218_/_4426228'	1.8	3.33	3.33	0.01	1.1	3.33	1.28 No	0.01	Thermal Discharging
TLK077	669	'43512592_/_4424382'	2.43	3.33	3.33	0.01	1.1	3.33	1.28 No	0.01	Thermal Discharging
TLK077	670	'355907030_/_73211167'	3.33	3.33	3.33	0.29	0.47	3.33	1.28 No	0.29	Thermal Discharging
TLK077	671	'4424053_/_4424259'	2.3	3.33	3.33	0.01	1.1	3.33	1.28 No	0.01	Thermal Discharging
TLK077	672	'43512647_/_43512649'	1.6	3.33	3.33	0.29	0.5	3.33	1.28 No	0.29	Thermal Discharging
TLK077	673	'8117609_/_8117606'	10	10	10	0.45	1.8	10	2.74 No	0.45	Thermal Discharging
TLK077	674	'5557837_/_5560560_1'	0.8	3.33	3.33	0.29	0.4	3.33	1.28 No	0.29	Thermal Discharging
TLK077	675	'4450285_/_4450283'	1.67	3.33	3.33	0.01	1.1	3.33	1.28 No	0.01	Thermal Discharging
TLK077	676	'476347853_/_476347931'	10	10	10	0.45	1.8	10	2.74 No	0.45	Thermal Discharging
TLK077	677	'8265830_/_9210474_1'	0.9	5.4	10	0.45	1.8	10	2.74 No	0.45	Thermal Discharging
TLK077	678	'4426202_/_7081558'	1.67	3.33	3.33	0.01	1.1	3.33	1.28 No	0.01	Thermal Discharging
TLK077	679	'4424398_/_4424395'	2.1	3.33	3.33	0.01	1.1	3.33	1.28 No	0.01	Thermal Discharging
TLK077	680	'4426286_/_4426296'	3.33	3.33	3.33	0.29	0.4	3.33	1.28 No	0.29	Thermal Discharging
TLK077	681	'5557849_/_5557847'	0.8	3.33	3.33	0.29	0.4	3.33	1.28 No	0.29	Thermal Discharging
TLK077	682	'8897314_/_308449828'	1.4	3.33	3.33	0.15	0.4	3.33	0.91 No	0.15	Thermal Discharging
TLK077	683	'43512768_/_43512770'	1.53	3.33	3.33	0.01	1.1	3.33	1.28 No	0.01	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TLK077	684	'8577294_/_9524276'		1.17	3.33	3.33	0.15	0.4	3.33	0.91 No	0.15 Thermal Discharging
TLK077	685	'5560699_/_5560712'		0.77	3.33	3.33	0.29	0.73	3.33	1.28 No	0.29 Thermal Discharging
TLK077	686	'4426046_/_4426056'		1.43	3.33	3.33	0.29	0.5	3.33	1.28 No	0.29 Thermal Discharging
TLK077	687	'43512386_/_43512388'		1.33	3.33	3.33	0.15	0.4	3.33	0.91 No	0.15 Thermal Discharging
TLK077	688	'43512735_/_4426199'		1.5	3.33	3.33	0.01	1.1	3.33	1.28 No	0.01 Thermal Discharging
TLK077	689	'513150851_/_480797090'		6.4	10	10	0.45	1.8	10	2.74 No	0.45 Thermal Discharging
TLK077	690	'4424411_/_4424408'		1.83	3.33	3.33	0.01	1.1	3.33	1.28 No	0.01 Thermal Discharging
TLK077	691	'4424054_/_4424051'		1.83	3.33	3.33	0.01	1.1	3.33	1.28 No	0.01 Thermal Discharging
TLK077	692	'7317062_/_8896672'		1.23	3.33	3.33	0.15	0.5	3.33	0.91 No	0.15 Thermal Discharging
TLK077	693	'4427763_/_7081606'		1.4	3.33	3.33	0.01	1.1	3.33	1.28 No	0.01 Thermal Discharging
TLK077	694	'355907102_/_355907121'		3.33	3.33	3.33	0.29	0.47	3.33	1.28 No	0.29 Thermal Discharging
TLK077	695	'43738006_/_5557834'		0.77	3.33	3.33	0.29	0.4	3.33	1.28 No	0.29 Thermal Discharging
TLK077	696	'7816444_/_9521504'		5.8	10	10	0.45	1.8	10	2.74 No	0.45 Thermal Discharging
TLK077	697	'7317113_/_7317111'		0.9	3.33	3.33	0.15	0.4	3.33	0.91 No	0.15 Thermal Discharging
TLK077	698	'4426270_/_4426283'		2.2	3.33	3.33	0.29	0.4	3.33	1.28 No	0.29 Thermal Discharging
TLK077	699	'4424791_/_4426043'		1.3	3.33	3.33	0.29	0.5	3.33	1.28 No	0.29 Thermal Discharging
TLK077	700	'8266022_/_8266019_1'		0.87	3.33	3.33	0.15	0.4	3.33	0.91 No	0.15 Thermal Discharging
TLK077	701	'5557982_/_5557980'		0.73	3.33	3.33	0.29	0.4	3.33	1.28 No	0.29 Thermal Discharging
TLK077	702	'8577310_/_308449839_1'		1.2	3.33	3.33	0.15	0.3	3.33	0.91 No	0.15 Thermal Discharging
TLK077	703	'4426176_/_4426186'		1.37	3.33	3.33	0.01	1.1	3.33	1.28 No	0.01 Thermal Discharging
TLK077	704	'4423259_/_4423269'		1.23	3.33	3.33	0.15	0.4	3.33	0.91 No	0.15 Thermal Discharging
TLK077	705	'4426217_/_4426215'		1.3	3.33	3.33	0.01	1.1	3.33	1.28 No	0.01 Thermal Discharging
TLK077	706	'612775057_/_612775139'		5.2	10	10	0.87	2.3	10	3.84 No	0.87 Thermal Discharging
TLK077	707	'43512559_/_4424064'		1.63	3.33	3.33	0.01	1.1	3.33	1.28 No	0.01 Thermal Discharging
TLK077	708	'43512603_/_4424421'		1.63	3.33	3.33	0.01	1.1	3.33	1.28 No	0.01 Thermal Discharging
TLK077	709	'37785417_/_7317059'		1.1	3.33	3.33	0.15	0.5	3.33	0.91 No	0.15 Thermal Discharging
TLK077	710	'37785424_/_37785421'		1.1	3.33	3.33	0.15	0.5	3.33	0.91 No	0.15 Thermal Discharging
TLK077	711	'37785431_/_37785428'		1.1	3.33	3.33	0.15	0.5	3.33	0.91 No	0.15 Thermal Discharging
TLK077	712	'37785445_/_37785449'		1.1	3.33	3.33	0.15	0.4	3.33	0.91 No	0.15 Thermal Discharging
TLK077	713	'402113015_/_402113012'		1.1	3.33	3.33	0.15	0.5	3.33	0.91 No	0.15 Thermal Discharging
TLK077	714	'4426269_/_4426267'		1.93	3.33	3.33	0.29	0.4	3.33	1.28 No	0.29 Thermal Discharging
TLK077	715	'4426163_/_4426173'		1.3	3.33	3.33	0.01	1.1	3.33	1.28 No	0.01 Thermal Discharging
TLK077	716	'43512930_/_43512932'		1.23	3.33	3.33	0.01	1.1	3.33	1.28 No	0.01 Thermal Discharging
TLK077	717	'355907066_/_355907139'		3.33	3.33	3.33	0.29	0.47	3.33	1.28 No	0.29 Thermal Discharging
TLK077	718	'4426327_/_4426325'		1.77	3.33	3.33	0.29	0.4	3.33	1.28 No	0.29 Thermal Discharging
TLK077	719	'5557811_/_5557821'		0.7	3.33	3.33	0.29	0.4	3.33	1.28 No	0.29 Thermal Discharging
TLK077	720	'7632529_/_7632526'		1.07	3.33	3.33	0.15	0.5	3.33	0.91 No	0.15 Thermal Discharging
TLK077	721	'43512636_/_4424788'		1.17	3.33	3.33	0.29	0.5	3.33	1.28 No	0.29 Thermal Discharging
TLK077	722	'4443785_/_4443795'		1.77	3.33	3.33	0.29	0.4	3.33	1.28 No	0.29 Thermal Discharging
TLK077	723	'4424080_/_4424077'		1.5	3.33	3.33	0.01	1.1	3.33	1.28 No	0.01 Thermal Discharging
TLK077	724	'4424437_/_4424434'		1.47	3.33	3.33	0.01	1.1	3.33	1.28 No	0.01 Thermal Discharging
TLK077	725	'4423232_/_4423256'		1.13	3.33	3.33	0.15	0.4	3.33	0.91 No	0.15 Thermal Discharging
TLK077	726	'43512746_/_43512748'		1.17	3.33	3.33	0.01	1.1	3.33	1.28 No	0.01 Thermal Discharging
TLK077	727	'4427762_/_4427760'		1.1	3.33	3.33	0.01	1.1	3.33	1.28 No	0.01 Thermal Discharging
TLK077	728	'5560673_/_5560696'		0.63	3.33	3.33	0.29	0.73	3.33	1.28 No	0.29 Thermal Discharging
TLK077	729	'7812413_/_612775061'		4	10	10	0.87	2.3	10	3.84 No	0.87 Thermal Discharging
TLK077	730	'43512790_/_4443782'		1.57	3.33	3.33	0.29	0.4	3.33	1.28 No	0.29 Thermal Discharging
TLK077	731	'5560550_/_5560547_2'		0.63	3.33	3.33	0.29	0.73	3.33	1.28 No	0.29 Thermal Discharging
TLK077	732	'8265798_/_8265795'		0.97	3.33	3.33	0.15	0.5	3.33	0.91 No	0.15 Thermal Discharging
TLK077	733	'43738017_/_5557808'		0.63	3.33	3.33	0.29	0.4	3.33	1.28 No	0.29 Thermal Discharging
TLK077	734	'4424093_/_4424090'		1.37	3.33	3.33	0.01	1.1	3.33	1.28 No	0.01 Thermal Discharging
TLK077	735	'4424450_/_4424447'		1.37	3.33	3.33	0.01	1.1	3.33	1.28 No	0.01 Thermal Discharging
TLK077	736	'4423233_/_4423230'		1.03	3.33	3.33	0.15	0.4	3.33	0.91 No	0.15 Thermal Discharging
TLK077	737	'4424777_/_4424775'		1.03	3.33	3.33	0.29	0.5	3.33	1.28 No	0.29 Thermal Discharging
TLK077	738	'43512305_/_4423334'		1.03	3.33	3.33	0.15	0.4	3.33	0.91 No	0.15 Thermal Discharging
TLK077	739	'4426137_/_4426147'		1.1	3.33	3.33	0.01	1.1	3.33	1.28 No	0.01 Thermal Discharging
TLK077	740	'5557918_/_5560547_1'		0.63	3.33	3.33	0.29	0.4	3.33	1.28 No	0.29 Thermal Discharging
TLK077	741	'4426244_/_4426254'		1.4	3.33	3.33	0.29	0.4	3.33	1.28 No	0.29 Thermal Discharging
TLK077	742	'43512614_/_4424473'		1.27	3.33	3.33	0.01	1.1	3.33	1.28 No	0.01 Thermal Discharging
TLK077	743	'5560498_/_5560670'		0.6	3.33	3.33	0.29	0.73	3.33	1.28 No	0.29 Thermal Discharging
TLK077	744	'43512886_/_4427682'		1.27	3.33	3.33	0.01	1.1	3.33	1.28 No	0.01 Thermal Discharging
TLK077	745	'43512757_/_4426134'		1	3.33	3.33	0.01	1.1	3.33	1.28 No	0.01 Thermal Discharging
TLK077	746	'5557797_/_5557795'		0.6	3.33	3.33	0.29	0.4	3.33	1.28 No	0.29 Thermal Discharging
TLK077	747	'4442126_/_4442139'		0.93	3.33	3.33	0.29	0.5	3.33	1.28 No	0.29 Thermal Discharging
TLK077	748	'7794379_/_9688518'		3.33	3.33	3.33	0.29	0.77	3.33	1.28 No	0.29 Thermal Discharging
TLK077	749	'43512294_/_4423243'		0.97	3.33	3.33	0.15	0.4	3.33	0.91 No	0.15 Thermal Discharging
TLK077	750	'45250161_/_4424460'		1.2	3.33	3.33	0.01	1.1	3.33	1.28 No	0.01 Thermal Discharging
TLK077	751	'4423337_/_43512307'		0.97	3.33	3.33	0.15	0.4	3.33	0.91 No	0.15 Thermal Discharging
TLK077	752	'43738039_/_5557915'		0.6	3.33	3.33	0.29	0.4	3.33	1.28 No	0.29 Thermal Discharging
TLK077	753	'4426243_/_4426241'		1.3	3.33	3.33	0.29	0.4	3.33	1.28 No	0.29 Thermal Discharging
TLK077	754	'4424106_/_4424103'		1.17	3.33	3.33	0.01	1.1	3.33	1.28 No	0.01 Thermal Discharging
TLK077	755	'8896707_/_8896704'		0.83	3.33	3.33	0.15	0.5	3.33	0.91 No	0.15 Thermal Discharging
TLK077	756	'4426111_/_4426121'		0.97	3.33	3.33	0.01	1.1	3.33	1.28 No	0.01 Thermal Discharging
TLK077	757	'5560497_/_5560495'		0.57	3.33	3.33	0.29	0.73	3.33	1.28 No	0.29 Thermal Discharging
TLK077	758	'39696344_/_8760876'		3.1	10	10	0.87	2.3	10	3.84 No	0.87 Thermal Discharging
TLK077	759	'5560537_/_5560534_2'		0.57	3.33	3.33	0.29	0.73	3.33	1.28 No	0.29 Thermal Discharging
TLK077	760	'43737907_/_43737909'		0.57	3.33	3.33	0.29	0.4	3.33	1.28 No	0.29 Thermal Discharging
TLK077	761	'4423246_/_43512296'		0.9	3.33	3.33	0.15	0.4	3.33	0.91 No	0.15 Thermal Discharging
TLK077	762	'4426110_/_4426108'		0.9	3.33	3.33	0.01	1.1	3.33	1.28 No	0.01 Thermal Discharging
TLK077	763	'4460490_/_7081526'		0.83	3.33	3.33	0.29	0.5	3.33	1.28 No	0.29 Thermal Discharging
TLK077	764	'43514916_/_4442110'		0.83	3.33	3.33	0.29	0.5	3.33	1.28 No	0.29 Thermal Discharging
TLK077	765	'4424119_/_4424116'		1.1	3.33	3.33	0.01	1.1	3.33	1.28 No	0.01 Thermal Discharging
TLK077	766	'5557785_/_5557902'		0.53	3.33	3.33	0.29	0.4	3.33	1.28 No	0.29 Thermal Discharging
TLK077	767	'5560634_/_5560644'		0.53	3.33	3.33	0.29	0.73	3.33	1.28 No	0.29 Thermal Discharging
TLK077	768	'4424132_/_4424129'		1.07	3.33	3.33	0.01	1.1	3.33	1.28 No	0.01 Thermal Discharging
TLK077	769	'8760879_/_44096371'		2.9	10	10	0.87	2.3	10	3.84 No	0.87 Thermal Discharging
TLK077	770	'43737973_/_5560534_1'		0.53	3.33	3.33	0.29	0.4	3.33	1.28 No	0.29 Thermal Discharging
TLK077	771	'742776597_/_8445774'		2.7	10	10	0.45	1.8	10	2.74 No	0.45 Thermal Discharging
TLK077	772	'4424158_/_4424142'		1.07	3.33	3.33	0.01	1.1	3.33	1.28 No	0.01 Thermal Discharging
TLK077	773	'4460491_/_4460488'		0.8	3.33	3.33	0.29	0.5	3.33	1.28 No	0.29 Thermal Discharging
TLK077	774	'4442087_/_4442097'		0.8	3.33	3.33	0.29	0.5	3.33	1.28 No	0.29 Thermal Discharging
TLK077	775	'721612327_/_721612375_2'		0.8	3.33	3.33	0.29	0.5	3.33	1.28 No	0.29 Thermal Discharging
TLK077	776	'5557943_/_5557941'		0.53	3.33	3.33	0.29	0.4	3.33	1.28 No	0.29 Thermal Discharging
TLK077	777	'4424171_/_4424168'		1.03	3.33	3.33	0.01	1.1	3.33	1.28 No	0.01 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TLK077	778	'5557784_/_5557782_2'		0.53	3.33	3.33	0.29	0.4	3.33	1.28 No	0.29 Thermal Discharging
TLK077	779	'43737995_/_5557782_1'		0.53	3.33	3.33	0.29	0.4	3.33	1.28 No	0.29 Thermal Discharging
TLK077	780	'4424184_/_4424181'		1	3.33	3.33	0.01	1.1	3.33	1.28 No	0.01 Thermal Discharging
TLK077	781	'5560605_/_5560631'		0.5	3.33	3.33	0.29	0.73	3.33	1.28 No	0.29 Thermal Discharging
TLK077	782	'5557759_/_5557769'		0.5	3.33	3.33	0.29	0.4	3.33	1.28 No	0.29 Thermal Discharging
TLK077	783	'5560524_/_5560615'		0.5	3.33	3.33	0.29	0.73	3.33	1.28 No	0.29 Thermal Discharging
TLK077	784	'4424197_/_4424194'		0.97	3.33	3.33	0.01	1.1	3.33	1.28 No	0.01 Thermal Discharging
TLK077	785	'4424765_/_721612375_1'		0.73	3.33	3.33	0.29	0.3	3.33	1.28 No	0.29 Thermal Discharging
TLK077	786	'7632845_/_7632842_2'		0.97	3.33	3.33	0.01	1.1	3.33	1.28 No	0.01 Thermal Discharging
TLK077	787	'43512581_/_4424369'		0.93	3.33	3.33	0.01	1.1	3.33	1.28 No	0.01 Thermal Discharging
TLK077	788	'5557733_/_5560521'		0.5	3.33	3.33	0.29	0.4	3.33	1.28 No	0.29 Thermal Discharging
TLK077	789	'156852921_/_156852926'		2.4	10	10	0.87	2.3	10	3.84 No	0.87 Thermal Discharging
TLK077	790	'5557891_/_5557889'		0.5	3.33	3.33	0.29	0.4	3.33	1.28 No	0.29 Thermal Discharging
TLK077	791	'156852967_/_156852985'		2.4	10	10	0.87	2.3	10	3.84 No	0.87 Thermal Discharging
TLK077	792	'43738285_/_5560602'		0.5	3.33	3.33	0.29	0.73	3.33	1.28 No	0.29 Thermal Discharging
TLK077	793	'43737984_/_5557756'		0.5	3.33	3.33	0.29	0.4	3.33	1.28 No	0.29 Thermal Discharging
TLK077	794	'4424752_/_4424762'		0.7	3.33	3.33	0.29	0.3	3.33	1.28 No	0.29 Thermal Discharging
TLK077	795	'43512570_/_4424207'		0.9	3.33	3.33	0.01	1.1	3.33	1.28 No	0.01 Thermal Discharging
TLK077	796	'396455088_/_396455001_1'		0.5	3.33	3.33	0.29	0.4	3.33	1.28 No	0.29 Thermal Discharging
TLK077	797	'9383176_/_156853003'		2.4	10	10	0.87	2.3	10	3.84 No	0.87 Thermal Discharging
TLK077	798	'4424372_/_43512583'		0.9	3.33	3.33	0.01	1.1	3.33	1.28 No	0.01 Thermal Discharging
TLK077	799	'70250740_/_9383174_1'		2.3	10	10	0.87	2.3	10	3.84 No	0.87 Thermal Discharging
TLK077	800	'36339819_/_9383174_2'		2.3	10	10	0.87	2.3	10	3.84 No	0.87 Thermal Discharging
TLK077	801	'43737962_/_5557730'		0.47	3.33	3.33	0.29	0.4	3.33	1.28 No	0.29 Thermal Discharging
TLK077	802	'5557863_/_5560589'		0.47	3.33	3.33	0.29	0.73	3.33	1.28 No	0.29 Thermal Discharging
TLK077	803	'4424223_/_43512572'		0.87	3.33	3.33	0.01	1.1	3.33	1.28 No	0.01 Thermal Discharging
TLK077	804	'4424739_/_4424749'		0.67	3.33	3.33	0.29	0.3	3.33	1.28 No	0.29 Thermal Discharging
TLK077	805	'43738162_/_5559633'		0.47	3.33	3.33	0.29	0.4	3.33	1.28 No	0.29 Thermal Discharging
TLK077	806	'7632844_/_7632842_1'		0.87	3.33	3.33	0.01	0.1	3.33	1.28 No	0.01 Thermal Discharging
TLK077	807	'8445777_/_742776601'		2.1	10	10	0.45	1.8	10	2.74 No	0.45 Thermal Discharging
TLK077	808	'5545738_/_5557743'		0.47	3.33	3.33	0.29	0.4	3.33	1.28 No	0.29 Thermal Discharging
TLK077	809	'4424236_/_4424233'		0.83	3.33	3.33	0.01	1.1	3.33	1.28 No	0.01 Thermal Discharging
TLK077	810	'4424249_/_4424246'		0.83	3.33	3.33	0.01	1.1	3.33	1.28 No	0.01 Thermal Discharging
TLK077	811	'5545751_/_5557860'		0.47	3.33	3.33	0.29	0.73	3.33	1.28 No	0.29 Thermal Discharging
TLK077	812	'43512625_/_43512627'		0.63	3.33	3.33	0.29	0.3	3.33	1.28 No	0.29 Thermal Discharging
TLK077	813	'5545725_/_5557717'		0.47	3.33	3.33	0.29	0.4	3.33	1.28 No	0.29 Thermal Discharging
TLK077	814	'7719001_/_396455001_2'		0.43	3.33	3.33	0.29	0.4	3.33	1.28 No	0.29 Thermal Discharging
TLK077	815	'5545737_/_5545735'		0.43	3.33	3.33	0.29	0.4	3.33	1.28 No	0.29 Thermal Discharging
TLK077	816	'5559636_/_43738164'		0.43	3.33	3.33	0.29	0.4	3.33	1.28 No	0.29 Thermal Discharging
TLK077	817	'5545750_/_43736043'		0.43	3.33	3.33	0.29	0.73	3.33	1.28 No	0.29 Thermal Discharging
TLK077	818	'4424713_/_4424723'		0.6	3.33	3.33	0.29	0.3	3.33	1.28 No	0.29 Thermal Discharging
TLK077	819	'8041859_/_396454980'		0.43	3.33	3.33	0.29	0.4	3.33	1.28 No	0.29 Thermal Discharging
TLK077	820	'5545712_/_5545722'		0.43	3.33	3.33	0.29	0.4	3.33	1.28 No	0.29 Thermal Discharging
TLK077	821	'5557931_/_5557928'		0.43	3.3	3.33	0.29	0.4	3.33	1.28 No	0.29 Thermal Discharging
TLK077	822	'4424488_/_4424710'		0.6	3.33	3.33	0.29	0.3	3.33	1.28 No	0.29 Thermal Discharging
TLK077	823	'43737951_/_43737953'		0.43	3.23	3.33	0.29	0.4	3.33	1.28 No	0.29 Thermal Discharging
TLK077	824	'8895520_/_9210410'		0.73	3.33	3.33	0.01	0.1	3.33	1.28 No	0.01 Thermal Discharging
TLK077	825	'4424489_/_4424486'		0.57	3.33	3.33	0.29	0.3	3.33	1.28 No	0.29 Thermal Discharging
TLK077	826	'4424502_/_4424499'		0.57	3.33	3.33	0.29	0.3	3.33	1.28 No	0.29 Thermal Discharging
TLK077	827	'5545711_/_5545709'		0.4	3.13	3.33	0.29	0.4	3.33	1.28 No	0.29 Thermal Discharging
TLK077	828	'742776578_/_742776582'		1.7	10	10	0.45	1.8	10	2.74 No	0.45 Thermal Discharging
TLK077	829	'8895521_/_8895518'		0.7	3.33	3.33	0.01	0.1	3.33	1.28 No	0.01 Thermal Discharging
TLK077	830	'43737940_/_5557704'		0.4	3.07	3.33	0.29	0.4	3.33	1.28 No	0.29 Thermal Discharging
TLK077	831	'43512669_/_4424512'		0.53	3.33	3.33	0.29	0.3	3.33	1.28 No	0.29 Thermal Discharging
TLK077	832	'4424528_/_4424525'		0.53	3.33	3.33	0.29	0.3	3.33	1.28 No	0.29 Thermal Discharging
TLK077	833	'5557693_/_5557691'		0.37	2.93	3.33	0.29	0.4	3.33	1.28 No	0.29 Thermal Discharging
TLK077	834	'54405001_/_54405003'		0.37	2.9	3.33	0.29	0.4	3.33	1.28 No	0.29 Thermal Discharging
TLK077	835	'4424541_/_4424538'		0.5	3.33	3.33	0.29	0.3	3.33	1.28 No	0.29 Thermal Discharging
TLK077	836	'5557957_/_5557967'		0.37	2.83	3.33	0.29	0.4	3.33	1.28 No	0.29 Thermal Discharging
TLK077	837	'43512680_/_4424551'		0.47	3.33	3.33	0.29	0.3	3.29	1.28 No	0.29 Thermal Discharging
TLK077	838	'5545699_/_5557954'		0.37	2.7	3.33	0.29	0.4	3.33	1.28 No	0.29 Thermal Discharging
TLK077	839	'4424567_/_4424564'		0.47	3.33	3.33	0.29	0.3	3.24	1.28 No	0.29 Thermal Discharging
TLK077	840	'5557681_/_5557678'		0.33	2.6	3.33	0.29	0.4	3.26	1.28 No	0.29 Thermal Discharging
TLK077	841	'4424580_/_4424577'		0.47	3.33	3.33	0.29	0.3	3.17	1.28 No	0.29 Thermal Discharging
TLK077	842	'5545698_/_5545696'		0.33	2.6	3.33	0.29	0.4	3.25	1.28 No	0.29 Thermal Discharging
TLK077	843	'439114072_/_439114093'		1.4	10	10	0.45	1.8	9.41	2.74 No	0.45 Thermal Discharging
TLK077	844	'8130434_/_9081615'		1.3	10	10	0.45	1.8	9.4	2.74 No	0.45 Thermal Discharging
TLK077	845	'43512691_/_4424590'		0.43	3.27	3.33	0.29	0.3	3.12	1.28 No	0.29 Thermal Discharging
TLK077	846	'5560785_/_5560851'		0.33	2.53	3.33	0.29	0.4	3.17	1.28 No	0.29 Thermal Discharging
TLK077	847	'5560786_/_5560796_1'		0.33	2.5	3.33	0.29	0.3	3.16	1.28 No	0.29 Thermal Discharging
TLK077	848	'4424606_/_4424603'		0.43	3.17	3.33	0.29	0.3	3.06	1.28 No	0.29 Thermal Discharging
TLK077	849	'5545672_/_5560796_2'		0.33	2.47	3.33	0.29	0.3	3.12	1.28 No	0.29 Thermal Discharging
TLK077	850	'37785543_/_37785547'		0.9	5.9	10	0.45	1.8	8.98	2.74 No	0.45 Thermal Discharging
TLK077	851	'37785529_/_37785533'		0.9	5.9	10	0.45	1.8	8.98	2.74 No	0.45 Thermal Discharging
TLK077	852	'39229177_/_104713711'		0.9	5.9	10	0.45	1.8	8.98	2.74 No	0.45 Thermal Discharging
TLK077	853	'37785515_/_71667476'		0.9	5.9	10	0.45	1.8	8.98	2.74 No	0.45 Thermal Discharging
TLK077	854	'39229170_/_71667458'		0.9	5.9	10	0.45	1.8	8.98	2.74 No	0.45 Thermal Discharging
TLK077	855	'4424619_/_4424616'		0.43	3.1	3.33	0.29	0.3	3.01	1.28 No	0.29 Thermal Discharging
TLK077	856	'5545673_/_5545670'		0.33	2.43	3.33	0.29	0.3	3.08	1.28 No	0.29 Thermal Discharging
TLK077	857	'43737841_/_5557509'		0.3	2.37	3.33	0.29	0.3	3.03	1.28 No	0.29 Thermal Discharging
TLK077	858	'43512702_/_4424629'		0.4	3	3.33	0.29	0.3	2.94	1.28 No	0.29 Thermal Discharging
TLK077	859	'4400361_/_4424642'		0.4	2.93	3.33	0.29	0.3	2.89	1.28 No	0.29 Thermal Discharging
TLK077	860	'5557525_/_5557522'		0.3	2.3	3.33	0.29	0.3	2.95	1.28 No	0.29 Thermal Discharging
TLK077	861	'449635350_/_430352895'		0.9	5.9	10	0.45	1.8	8.59	2.74 No	0.45 Thermal Discharging
TLK077	862	'4400362_/_4400359'		0.4	2.87	3.33	0.29	0.3	2.85	1.28 No	0.29 Thermal Discharging
TLK077	863	'43512724_/_4424655'		0.4	2.83	3.33	0.29	0.3	2.83	1.28 No	0.29 Thermal Discharging
TLK077	864	'43512713_/_4424684'		0.4	2.83	3.33	0.29	0.3	2.83	1.28 No	0.29 Thermal Discharging
TLK077	865	'43737852_/_5557535'		0.3	2.23	3.33	0.29	0.3	2.88	1.28 No	0.29 Thermal Discharging
TLK077	866	'44855295_/_4424697'		0.37	2.8	3.33	0.29	0.3	2.8	1.28 No	0.29 Thermal Discharging
TLK077	867	'45349052_/_4424671'		0.37	2.77	3.33	0.29	0.3	2.79	1.28 No	0.29 Thermal Discharging
TLK077	868	'5557551_/_43737854'		0.27	2.17	3.33	0.29	0.3	2.81	1.28 No	0.27 Primary Over-Voltage
TLK077	869	'43737863_/_5557561'		0.27	2.1	3.33	0.29	0.3	2.74	1.28 No	0.27 Primary Over-Voltage
TLK077	870	'430352935_/_430352954'		0.9	6	10	0.45	1.8	7.98	2.74 No	0.45 Thermal Discharging
TLK077	871	'5545685_/_43737865'		0.27	2.07	3.33	0.29	0.3	2.7	1.28 No	0.27 Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TLK077	872	'5545686_/5545683'		0.27	2.03	3.33	0.29	0.3	2.65	1.28 No	0.27 Primary Over-Voltage
TLK077	873	'43737874_/5557587'		0.27	1.97	3.33	0.29	0.3	2.58	1.28 No	0.27 Primary Over-Voltage
TLK077	874	'449635358_/430352980'		0.9	6.2	10	0.45	1.8	7.46	2.74 No	0.45 Thermal Discharging
TLK077	875	'5557603_/5557600'		0.23	1.9	3.33	0.29	0.3	2.53	1.28 No	0.23 Primary Over-Voltage
TLK077	876	'43737885_/5557613'		0.23	1.87	3.33	0.29	0.3	2.47	1.28 No	0.23 Primary Over-Voltage
TLK077	877	'5557629_/5557626'		0.23	1.83	3.33	0.29	0.3	2.43	1.28 No	0.23 Primary Over-Voltage
TLK077	878	'43737896_/5557639'		0.23	1.77	3.33	0.29	0.3	2.37	1.28 No	0.23 Primary Over-Voltage
TLK077	879	'5557655_/5557652'		0.23	1.73	3.33	0.29	0.3	2.33	1.28 No	0.23 Primary Over-Voltage
TLK077	880	'104713786_/104713811'		0.3	2.2	3.33	0.15	0.6	2.22	0.91 No	0.15 Thermal Discharging
TLK077	881	'5557668_/5557665'		0.23	1.7	3.33	0.29	0.3	2.28	1.28 No	0.23 Primary Over-Voltage
TLK077	882	'437834412_/104713797'		0.27	2.17	3.33	0.15	0.6	2.21	0.91 No	0.15 Thermal Discharging
TRA001	0	'TRA001_/311588308'		10	10	10	0.2	4.1	10	1.21 No	0.2 Thermal Discharging
TRA001	1	'311588310_/311588308'		10	10	10	0.2	4.1	10	1.21 No	0.2 Thermal Discharging
TRA001	2	'646289068_/646289074'		10	10	10	0.2	4.1	10	1.21 No	0.2 Thermal Discharging
TRA001	3	'646289011_/311588332_2'		10	10	10	0.2	4.1	10	1.21 No	0.2 Thermal Discharging
TRA001	4	'311588320_/311588332_1'		10	10	10	0.2	1.6	10	1.21 No	0.2 Thermal Discharging
TRA001	5	'311586239_/311588317'		10	10	10	0.2	1.6	10	1.21 No	0.2 Thermal Discharging
TRA001	6	'311586230_/311586236'		10	10	10	0.2	1.6	10	1.21 No	0.2 Thermal Discharging
TRA001	7	'311586179_/311586227'		10	10	10	0.2	1.6	10	1.21 No	0.2 Thermal Discharging
TRA001	8	'311586170_/311586176'		10	10	10	0.2	1.6	10	1.21 No	0.2 Thermal Discharging
TRA001	9	'311586146_/311586167'		10	10	10	0.2	1.6	10	1.21 No	0.2 Thermal Discharging
TRA001	10	'311586128_/311586143'		10	10	10	0.2	1.6	10	1.21 No	0.2 Thermal Discharging
TRA001	11	'311586092_/311586125'		10	10	10	0.2	1.6	10	1.21 No	0.2 Thermal Discharging
TRA001	12	'311586083_/311586089'		10	10	10	0.2	1.6	10	1.21 No	0.2 Thermal Discharging
TRA001	13	'311585712_/311586080'		10	10	10	0.2	1.6	10	1.21 No	0.2 Thermal Discharging
TRA001	14	'311585711_/311585709'		10	10	10	0.2	1.6	10	1.21 No	0.2 Thermal Discharging
TRA001	15	'311585721_/311585718'		10	10	10	0.2	1.6	10	1.21 No	0.2 Thermal Discharging
TRA001	16	'311593311_/311593308'		10	10	10	0.2	1.6	10	1.21 No	0.2 Thermal Discharging
TRA001	17	'311593326_/311593323'		10	10	10	0.2	1.6	10	1.21 No	0.2 Thermal Discharging
TRA001	18	'311593335_/311593332'		10	10	10	0.2	1.6	10	1.21 No	0.2 Thermal Discharging
TRA001	19	'311593344_/311593341'		10	10	10	0.2	1.6	10	1.21 No	0.2 Thermal Discharging
TRA001	20	'311593353_/311593350'		10	10	10	0.2	1.6	10	1.21 No	0.2 Thermal Discharging
TRA001	21	'311593362_/311593359'		10	10	10	0.2	1.6	10	1.21 No	0.2 Thermal Discharging
TRA001	22	'311585397_/311586069'		6.67	6.67	6.67	0.128	0.9	6.67	0.81 No	0.128 Thermal Discharging
TRA001	23	'311593371_/311593368'		10	10	10	0.2	1.6	10	1.21 No	0.2 Thermal Discharging
TRA001	24	'311593695_/311593701'		10	10	10	0.2	1.4	10	1.21 No	0.2 Thermal Discharging
TRA001	25	'311593386_/311593383'		10	10	10	0.2	1.6	10	1.21 No	0.2 Thermal Discharging
TRA001	26	'311593719_/311593716'		3.33	3.33	3.33	0.064	0.4	3.33	0.4 No	0.064 Thermal Discharging
TRA001	27	'648472695_/311593392_1'		10	10	10	0.2	1.6	10	1.21 No	0.2 Thermal Discharging
TRA001	28	'311760126_/311593392_2'		10	10	10	0.2	1.6	10	1.21 No	0.2 Thermal Discharging
TRA001	29	'311593395_/311593392_3'		10	10	10	0.2	1.6	10	1.21 No	0.2 Thermal Discharging
TRA001	30	'311593410_/311593407'		10	10	10	0.2	1.6	10	1.21 No	0.2 Thermal Discharging
TRA001	31	'311593419_/311593416'		10	10	10	0.2	1.6	10	1.21 No	0.2 Thermal Discharging
TRA001	32	'311593428_/311593425'		10	10	10	0.2	1.6	10	1.21 No	0.2 Thermal Discharging
TRA001	33	'311593437_/311593434'		10	10	10	0.2	1.6	10	1.21 No	0.2 Thermal Discharging
TRA001	34	'311593732_/311593729'		3.33	3.33	3.33	0.064	0.4	3.33	0.4 No	0.064 Thermal Discharging
TRA001	35	'311593446_/311593443'		10	10	10	0.2	1.6	10	1.21 No	0.2 Thermal Discharging
TRA001	36	'311593455_/311593452'		10	10	10	0.2	1.6	10	1.21 No	0.2 Thermal Discharging
TRA001	37	'311593464_/311593461'		10	10	10	0.2	1.6	9.93	1.21 No	0.2 Thermal Discharging
TRA001	38	'311593680_/311593692'		10	10	10	0.2	1.4	10	1.21 No	0.2 Thermal Discharging
TRA001	39	'311596015_/311585395'		6.67	6.67	6.67	0.128	0.9	6.67	0.81 No	0.128 Thermal Discharging
TRA001	40	'311593739_/311593736'		3.33	3.33	3.33	0.064	0.4	3.33	0.4 No	0.064 Thermal Discharging
TRA001	41	'311593473_/311593470'		10	10	10	0.2	1.6	9.58	1.21 No	0.2 Thermal Discharging
TRA001	42	'311593488_/311593485'		10	10	10	0.2	1.6	9.41	1.21 No	0.2 Thermal Discharging
TRA001	43	'311593503_/311593500'		10	10	10	0.2	1.6	9.21	1.21 No	0.2 Thermal Discharging
TRA001	44	'648472646_/648472630'		10	10	10	0.2	1	9.42	1.21 No	0.2 Thermal Discharging
TRA001	45	'311593759_/311593756'		10	10	10	0.2	1	9.35	1.21 No	0.2 Thermal Discharging
TRA001	46	'311593512_/311593509'		10	10	10	0.2	1.6	8.92	1.21 No	0.2 Thermal Discharging
TRA001	47	'311593884_/311593881'		3.33	3.33	3.33	0.064	0.3	3	0.4 No	0.064 Thermal Discharging
TRA001	48	'311593671_/311593677'		1.9	10	10	0.2	1.4	9.56	1.21 No	0.2 Thermal Discharging
TRA001	49	'311593521_/311593518'		10	10	10	0.2	1.6	8.74	1.21 No	0.2 Thermal Discharging
TRA001	50	'311593746_/311593743'		3.33	3.33	3.33	0.064	0.4	3.1	0.4 No	0.064 Thermal Discharging
TRA001	51	'311593536_/311593533'		10	10	10	0.2	1.6	8.51	1.21 No	0.2 Thermal Discharging
TRA001	52	'311593545_/311593542'		10	10	10	0.2	1.6	8.31	1.21 No	0.2 Thermal Discharging
TRA001	53	'311593560_/311593557'		10	10	10	0.2	1.6	8.13	1.21 No	0.2 Thermal Discharging
TRA001	54	'311594021_/311594018'		10	10	10	0.2	1.4	8.42	1.21 No	0.2 Thermal Discharging
TRA001	55	'311593569_/311593566'		10	10	10	0.2	1.6	7.92	1.21 No	0.2 Thermal Discharging
TRA001	56	'311594223_/311594220'		3.33	3.33	3.33	0.064	0.3	2.69	0.4 No	0.064 Thermal Discharging
TRA001	57	'311593897_/311593894'		3.33	3.33	3.33	0.064	0.3	2.72	0.4 No	0.064 Thermal Discharging
TRA001	58	'311593774_/311593771'		1.7	10	10	0.2	1	8.38	1.21 No	0.2 Thermal Discharging
TRA001	59	'311593578_/311593575'		10	10	10	0.2	1.6	7.75	1.21 No	0.2 Thermal Discharging
TRA001	60	'311593662_/311593668'		1.2	10	10	0.2	1.4	8.53	1.21 No	0.2 Thermal Discharging
TRA001	61	'311593587_/311593584'		10	10	10	0.2	1.6	7.65	1.21 No	0.2 Thermal Discharging
TRA001	62	'311593596_/311593593'		10	10	10	0.2	1.6	7.58	1.21 No	0.2 Thermal Discharging
TRA001	63	'311593605_/311593602'		10	10	10	0.2	1.6	7.43	1.21 No	0.2 Thermal Discharging
TRA001	64	'311760006_/311593617_1'		10	10	10	0.2	1.6	7.42	1.21 No	0.2 Thermal Discharging
TRA001	65	'311594036_/311594033'		1.7	10	10	0.2	1.4	7.76	1.21 No	0.2 Thermal Discharging
TRA001	66	'311593620_/311593617_2'		10	10	10	0.2	1.6	7.25	1.21 No	0.2 Thermal Discharging
TRA001	67	'311593629_/311593626'		10	10	10	0.2	1.6	7.15	1.21 No	0.2 Thermal Discharging
TRA001	68	'311593661_/311593659'		1	10	10	0.2	1.4	7.96	1.21 No	0.2 Thermal Discharging
TRA001	69	'311593638_/311593635'		10	10	10	0.2	1.6	7.05	1.21 No	0.2 Thermal Discharging
TRA001	70	'311747336_/311593644_1'		10	10	10	0.2	1.6	7.03	1.21 No	0.2 Thermal Discharging
TRA001	71	'311594045_/311594042'		1.4	10	10	0.2	1.4	7.4	1.21 No	0.2 Thermal Discharging
TRA001	72	'311593647_/311593644_2'		10	10	10	0.2	1.6	6.9	1.21 No	0.2 Thermal Discharging
TRA001	73	'311593904_/311593901'		0.5	3.33	3.33	0.064	0.3	2.35	0.4 No	0.064 Thermal Discharging
TRA001	74	'311593783_/311593780'		1	10	10	0.2	1	7.22	1.21 No	0.2 Thermal Discharging
TRA001	75	'316508767_/311585737'		0.3	3.33	3.33	0.064	0.4	2.42	0.4 No	0.064 Thermal Discharging
TRA001	76	'311594054_/311594051'		1	10	10	0.2	1.4	6.75	1.21 No	0.2 Thermal Discharging
TRA001	77	'311605237_/311605234'		1.5	10	10	0.2	1	6.27	1.21 No	0.2 Thermal Discharging
TRA001	78	'311593917_/311593914'		0.4	3.33	3.33	0.064	0.3	2.15	0.4 No	0.064 Thermal Discharging
TRA001	79	'311593798_/311593795'		0.7	10	10	0.2	1	6.36	1.21 No	0.2 Thermal Discharging
TRA001	80	'311594108_/311594105'		0.3	3.33	3.33	0.064	0.3	2.07	0.4 No	0.064 Thermal Discharging
TRA001	81	'311605246_/311605243'		1	10	10	0.2	1	5.7	1.21 No	0.2 Thermal Discharging
TRA001	82	'658057189_/311605252'		1	10	10	0.2	1	5.69	1.21 No	0.2 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TRA001	83	'311594069_/311594066'	0.7	10	10	0.2	1.4	5.93	1.21 No	0.2	Thermal Discharging
TRA001	84	'311593924_/311593921'	0.3	3.33	3.33	0.064	0.3	1.93	0.4 No	0.064	Thermal Discharging
TRA001	85	'311594121_/311594118'	0.27	3.33	3.33	0.064	0.3	1.9	0.4 No	0.064	Thermal Discharging
TRA001	86	'311594084_/311594081'	0.7	10	10	0.2	1.4	5.66	1.21 No	0.2	Thermal Discharging
TRA001	87	'311593950_/311593960'	0.27	3.33	3.33	0.064	0.3	1.84	0.4 No	0.064	Thermal Discharging
TRA001	88	'311594093_/311594090'	0.6	7.2	10	0.2	1.4	5.47	1.21 No	0.2	Thermal Discharging
TRA001	89	'311760220_/311594184_1'	0.6	7.2	10	0.2	0.7	5.46	1.21 No	0.2	Thermal Discharging
TRA001	90	'311604582_/658057193'	0.7	10	10	0.2	1	5.22	1.21 No	0.2	Thermal Discharging
TRA001	91	'311594187_/311594184_2'	0.6	6	10	0.2	0.7	5.27	1.21 No	0.2	Thermal Discharging
TRA001	92	'311594128_/311594125'	0.23	2.17	3.33	0.064	0.3	1.75	0.4 No	0.064	Thermal Discharging
TRA001	93	'311593807_/311593804'	0.5	5	10	0.2	1	5.37	1.21 No	0.2	Thermal Discharging
TRA001	94	'311593970_/311593967'	0.23	2.23	3.33	0.064	0.3	1.72	0.4 No	0.064	Thermal Discharging
TRA001	95	'311593937_/311593947'	0.23	2.07	3.33	0.064	0.3	1.69	0.4 No	0.064	Thermal Discharging
TRA001	96	'311605270_/311605267'	0.6	8.2	10	0.2	1	4.82	1.21 No	0.2	Thermal Discharging
TRA001	97	'311593983_/311593980'	0.23	1.77	3.33	0.064	0.3	1.62	0.4 No	0.064	Thermal Discharging
TRA001	98	'311594141_/311594138'	0.2	1.67	3.33	0.064	0.3	1.61	0.4 No	0.064	Thermal Discharging
TRA001	99	'311604575_/311604579'	0.23	2.73	3.33	0.064	0.3	1.55	0.4 No	0.064	Thermal Discharging
TRA001	100	'311593936_/311593934'	0.2	1.63	3.33	0.064	0.3	1.57	0.4 No	0.064	Thermal Discharging
TRA001	101	'311593996_/311593993'	0.2	1.53	3.33	0.064	0.3	1.51	0.4 No	0.064	Thermal Discharging
TRA001	102	'311594148_/311594145'	0.17	1.47	3.33	0.064	0.3	1.51	0.4 No	0.064	Thermal Discharging
TRA001	103	'311760294_/311594006_1'	0.2	1.53	3.33	0.064	0.1	1.5	0.4 No	0.064	Thermal Discharging
TRA001	104	'311604568_/311604572'	0.2	1.63	3.33	0.064	0.3	1.44	0.4 No	0.064	Thermal Discharging
TRA001	105	'311594352_/311605276'	0.5	4.5	10	0.2	1	4.33	1.21 No	0.2	Thermal Discharging
TRA001	106	'311594161_/311594158'	0.17	1.33	3.33	0.064	0.3	1.44	0.4 No	0.064	Thermal Discharging
TRA001	107	'311604555_/311604565'	0.17	1.47	3.33	0.064	0.3	1.38	0.4 No	0.064	Thermal Discharging
TRA001	108	'311594009_/311594006_2'	0.17	1.27	3.33	0.064	0.1	1.38	0.4 No	0.064	Thermal Discharging
TRA001	109	'311594174_/311594171'	0.13	1.23	3.33	0.064	0.3	1.38	0.4 No	0.064	Thermal Discharging
TRA001	110	'311605288_/311605285'	0.4	3.7	10	0.2	1	4.01	1.21 No	0.2	Thermal Discharging
TRA001	111	'667427071_/311605474_1'	0.13	1.17	3.33	0.064	0.1	1.31	0.4 No	0.064	Thermal Discharging
TRA001	112	'311604548_/311604552'	0.17	1.27	3.33	0.064	0.3	1.3	0.4 No	0.064	Thermal Discharging
TRA001	113	'311594345_/311594349'	0.17	1.17	3.33	0.064	0.3	1.29	0.4 No	0.064	Thermal Discharging
TRA001	114	'311605477_/311605474_2'	0.13	1.07	3.33	0.064	0.1	1.25	0.4 No	0.064	Thermal Discharging
TRA001	115	'311605303_/311605300'	0.4	3.2	10	0.2	0.9	3.74	1.21 No	0.2	Thermal Discharging
TRA001	116	'311604541_/311604545'	0.17	1.13	3.33	0.064	0.3	1.23	0.4 No	0.064	Thermal Discharging
TRA001	117	'311594332_/311594342'	0.17	1.1	3.33	0.064	0.3	1.24	0.4 No	0.064	Thermal Discharging
TRA001	118	'311605490_/311605487'	0.13	0.97	3.33	0.064	0.1	1.18	0.4 No	0.064	Thermal Discharging
TRA001	119	'311604528_/311604538'	0.13	0.97	3.33	0.064	0.3	1.14	0.4 No	0.064	Thermal Discharging
TRA001	120	'311594325_/311594329'	0.13	0.93	3.33	0.064	0.3	1.12	0.4 No	0.064	Thermal Discharging
TRA001	121	'311605497_/311605494'	0.1	0.9	3.33	0.064	0.1	1.11	0.4 No	0.064	Thermal Discharging
TRA001	122	'311594312_/311594323'	0.13	0.87	3.33	0.064	0.3	1.07	0.4 No	0.064	Thermal Discharging
TRA001	123	'311604515_/311604525'	0.13	0.87	3.33	0.064	0.3	1.06	0.4 No	0.064	Thermal Discharging
TRA001	124	'311605504_/311605501'	0.1	0.8	3.33	0.064	0.1	1.04	0.4 No	0.064	Thermal Discharging
TRA001	125	'311594299_/311594309'	0.1	0.8	3.33	0.064	0.3	1.02	0.4 No	0.064	Thermal Discharging
TRA001	126	'311594365_/311594362'	0.1	0.8	3.33	0.064	0.3	1.01	0.4 No	0.064	Thermal Discharging
TRA001	127	'311604508_/311604512'	0.1	0.77	3.33	0.064	0.3	0.98	0.4 No	0.064	Thermal Discharging
TRA001	128	'311594292_/311594296'	0.1	0.73	3.33	0.064	0.3	0.97	0.4 No	0.064	Thermal Discharging
TRA001	129	'311605517_/311605514'	0.1	0.73	3.33	0.064	0.1	0.97	0.4 No	0.064	Thermal Discharging
TRA001	130	'311594378_/311594375'	0.1	0.73	3.33	0.064	0.3	0.97	0.4 No	0.064	Thermal Discharging
TRA001	131	'311604415_/311604505'	0.1	0.73	3.33	0.064	0.3	0.96	0.4 No	0.064	Thermal Discharging
TRA001	132	'311594285_/311594289'	0.1	0.7	3.33	0.064	0.3	0.93	0.4 No	0.064	Thermal Discharging
TRA001	133	'311604408_/311604412'	0.1	0.73	3.33	0.064	0.3	0.93	0.4 No	0.064	Thermal Discharging
TRA001	134	'311605524_/311605521'	0.1	0.7	3.33	0.064	0.1	0.93	0.4 No	0.064	Thermal Discharging
TRA001	135	'311604407_/311604405'	0.1	0.7	3.33	0.064	0.3	0.91	0.4 No	0.064	Thermal Discharging
TRA001	136	'311594272_/311594282'	0.1	0.67	3.33	0.064	0.3	0.91	0.4 No	0.064	Thermal Discharging
TRA001	137	'311594385_/311594382'	0.1	0.67	3.33	0.064	0.3	0.9	0.4 No	0.064	Thermal Discharging
TRA001	138	'311604488_/311604498'	0.1	0.67	3.33	0.064	0.3	0.88	0.4 No	0.064	Thermal Discharging
TRA001	139	'311594249_/311594269'	0.1	0.63	3.33	0.064	0.3	0.87	0.4 No	0.064	Thermal Discharging
TRA001	140	'311605531_/311605528'	0.07	0.63	3.33	0.064	0.1	0.86	0.4 No	0.064	Thermal Discharging
TRA001	141	'311604263_/311604485'	0.1	0.6	3.33	0.064	0.3	0.82	0.4 No	0.064	Thermal Discharging
TRA001	142	'311604256_/311604260'	0.07	0.57	3.33	0.064	0.3	0.8	0.4 No	0.064	Thermal Discharging
TRA001	143	'343599237_/311604267'	0.07	0.53	3.33	0.064	0.3	0.76	0.4 No	0.064	Thermal Discharging
TRA001	144	'311604243_/311604253'	0.07	0.53	3.33	0.064	0.3	0.73	0.4 No	0.064	Thermal Discharging
TRA001	145	'311604340_/311604337'	0.07	0.47	3.33	0.064	0.3	0.7	0.4 No	0.064	Thermal Discharging
TRA001	146	'311604242_/311604240'	0.07	0.47	3.33	0.064	0.3	0.68	0.4 No	0.064	Thermal Discharging
TRA001	147	'311604353_/311604350'	0.07	0.47	3.33	0.064	0.3	0.66	0.4 No	0.064	Thermal Discharging
TRA001	148	'311604360_/311604357'	0.07	0.43	3.33	0.064	0.3	0.64	0.4 No	0.064	Thermal Discharging
TRA002	0	'TRA002_/311588341'	3.8	10	10	0.152	1.6	10	1.13 No	0.152	Thermal Discharging
TRA002	1	'311585752_/311588341'	3.8	10	10	0.152	1.6	10	1.13 No	0.152	Thermal Discharging
TRA002	2	'311588352_/311588350'	2.5	9.1	10	0.152	1.5	10	1.1 No	0.152	Thermal Discharging
TRA002	3	'311585753_/311585750'	1.9	7	10	0.152	1.1	10	1.08 No	0.152	Thermal Discharging
TRA002	4	'311585768_/311585765'	1.3	4.6	10	0.152	1.1	7.43	1.02 No	0.152	Thermal Discharging
TRA002	5	'311612024_/311612054'	1.2	4.4	10	0.152	1.5	7.19	1.02 No	0.152	Thermal Discharging
TRA002	6	'350865034_/311612021'	1.2	4.4	10	0.152	1.5	7.15	1.02 No	0.152	Thermal Discharging
TRA002	7	'311587724_/311587737'	1	3.4	10	0.152	1.1	5.64	0.98 No	0.152	Thermal Discharging
TRA002	8	'311587694_/311612030_1'	0.8	2.9	10	0.152	1.1	4.82	0.95 No	0.152	Thermal Discharging
TRA002	9	'311717487_/311587722_1'	0.8	2.8	10	0.152	1.1	4.62	0.94 No	0.152	Thermal Discharging
TRA002	10	'311585782_/311587722_2'	0.8	2.7	10	0.152	1.1	4.5	0.93 No	0.152	Thermal Discharging
TRA002	11	'311585783_/311585780'	0.7	2.3	10	0.152	1.1	3.85	0.9 No	0.152	Thermal Discharging
TRA002	12	'413725310_/413725173_1'	0.6	2.2	10	0.152	0.4	3.63	0.88 No	0.152	Thermal Discharging
TRA002	13	'413725176_/413725173_2'	0.6	2.2	10	0.152	0.4	3.58	0.88 No	0.152	Thermal Discharging
TRA002	14	'311587679_/311587691'	0.6	2.1	10	0.152	1.1	3.44	0.88 No	0.152	Thermal Discharging
TRA002	15	'311585798_/311585795'	0.6	1.9	10	0.152	1.1	3.24	0.85 No	0.152	Thermal Discharging
TRA002	16	'413725194_/413725191'	0.5	1.8	10	0.152	0.4	3.05	0.84 No	0.152	Thermal Discharging
TRA002	17	'311598139_/311598137'	0.6	1.8	10	0.152	1.1	3.03	0.83 No	0.152	Thermal Discharging
TRA002	18	'311587779_/311587785'	0.5	1.7	10	0.152	1	2.93	0.83 No	0.152	Thermal Discharging
TRA002	19	'311586724_/311587676'	0.5	1.7	10	0.152	1.1	2.93	0.84 No	0.152	Thermal Discharging
TRA002	20	'311599691_/311599739'	0.5	1.7	10	0.152	1.1	2.88	0.81 No	0.152	Thermal Discharging
TRA002	21	'311593011_/311601219'	0.5	1.7	10	0.152	1	2.81	0.81 No	0.152	Thermal Discharging
TRA002	22	'311586733_/311586730'	0.5	1.6	10	0.152	1.1	2.66	0.81 No	0.152	Thermal Discharging
TRA002	23	'311586682_/311586721'	0.5	1.6	10	0.152	1.1	2.62	0.81 No	0.152	Thermal Discharging
TRA002	24	'311599682_/311599688'	0.5	1.5	10	0.152	1.1	2.55	0.81 No	0.152	Thermal Discharging
TRA002	25	'311593012_/311593009'	0.17	0.5	3.33	0.048	0.3	0.85	0.27 No	0.048	Thermal Discharging
TRA002	26	'311599887_/311599884'	0.4	1.4	10	0.152	1	2.41	0.81 No	0.152	Thermal Discharging
TRA002	27	'311587770_/311587776'	0.4	1.4	10	0.152	1	2.41	0.81 No	0.152	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TRA002	28	'311586673_/311586679'		0.4	1.4	10	0.152	1.1	2.39	0.81 No	0.152 Thermal Discharging
TRA002	29	'311586748_/311586745'		0.4	1.4	10	0.152	1.1	2.37	0.81 No	0.152 Thermal Discharging
TRA002	30	'311599673_/311599679'		0.4	1.3	10	0.152	1.1	2.27	0.81 No	0.152 Thermal Discharging
TRA002	31	'311585694_/311586670'		0.4	1.3	10	0.152	1.1	2.17	0.81 No	0.152 Thermal Discharging
TRA002	32	'311586757_/311586754'		0.4	1.3	10	0.152	1.1	2.16	0.81 No	0.152 Thermal Discharging
TRA002	33	'311585829_/311587767'		0.4	1.3	10	0.152	1	2.15	0.81 No	0.152 Thermal Discharging
TRA002	34	'311585703_/311587636'		0.4	1.2	10	0.152	1.1	2.12	0.81 No	0.152 Thermal Discharging
TRA002	35	'311717564_/311585827_1'		0.13	0.43	3.33	0.048	0.2	0.7	0.27 No	0.048 Thermal Discharging
TRA002	36	'311717442_/311585700_2'		0.13	0.4	3.33	0.048	0.37	0.69	0.27 No	0.048 Thermal Discharging
TRA002	37	'311599877_/311599893'		0.4	1.2	10	0.152	1	2.05	0.81 No	0.152 Thermal Discharging
TRA002	38	'311599658_/311599670'		0.4	1.2	10	0.152	1.1	2.03	0.81 No	0.152 Thermal Discharging
TRA002	39	'311585685_/311585691'		0.3	1.2	10	0.152	1.1	1.97	0.81 No	0.152 Thermal Discharging
TRA002	40	'311593019_/311593016'		0.13	0.4	3.33	0.048	0.3	0.65	0.27 No	0.048 Thermal Discharging
TRA002	41	'311585822_/311587752'		0.3	1.1	10	0.152	1	1.91	0.81 No	0.152 Thermal Discharging
TRA002	42	'311599629_/311599655'		0.4	1.1	10	0.152	1.1	1.88	0.81 No	0.152 Thermal Discharging
TRA002	43	'311599868_/311599875'		0.3	1.1	10	0.152	1	1.81	0.81 No	0.152 Thermal Discharging
TRA002	44	'311585823_/311585820'		0.1	0.37	3.33	0.048	0.33	0.6	0.27 No	0.048 Thermal Discharging
TRA002	45	'311585702_/311585700_1'		0.1	0.37	3.33	0.048	0.2	0.6	0.27 No	0.048 Thermal Discharging
TRA002	46	'667856717_/667856706_1'		0.1	0.37	3.33	0.048	0.2	0.6	0.27 No	0.048 Thermal Discharging
TRA002	47	'311585684_/311585682'		0.3	1	10	0.152	1.1	1.79	0.81 No	0.152 Thermal Discharging
TRA002	48	'311599612_/311599626'		0.3	1	10	0.152	1.1	1.78	0.81 No	0.152 Thermal Discharging
TRA002	49	'311593032_/311593029'		0.1	0.33	3.33	0.048	0.3	0.59	0.27 No	0.048 Thermal Discharging
TRA002	50	'311585877_/667856706_2'		0.1	0.33	3.33	0.048	0.2	0.59	0.27 No	0.048 Thermal Discharging
TRA002	51	'311587147_/311587621'		0.3	1	10	0.152	1.1	1.74	0.81 No	0.152 Thermal Discharging
TRA002	52	'311599850_/311599866'		0.3	1	10	0.152	1	1.72	0.81 No	0.152 Thermal Discharging
TRA002	53	'311599603_/311599609'		0.3	1	10	0.152	1.1	1.7	0.81 No	0.152 Thermal Discharging
TRA002	54	'311586595_/311586601'		0.3	1	10	0.152	1.1	1.68	0.81 No	0.152 Thermal Discharging
TRA002	55	'311599621_/311599618'		0.2	0.6	6.67	0.104	0.7	1.07	0.54 No	0.104 Thermal Discharging
TRA002	56	'311585677_/311587144'		0.1	0.3	3.33	0.048	0.3	0.53	0.27 No	0.048 Thermal Discharging
TRA002	57	'311593045_/311593042'		0.1	0.3	3.33	0.048	0.3	0.53	0.27 No	0.048 Thermal Discharging
TRA002	58	'311585830_/311585827_2'		0.1	0.3	3.33	0.048	0.2	0.53	0.27 No	0.048 Thermal Discharging
TRA002	59	'311586560_/311586592'		0.3	0.9	10	0.152	1.1	1.58	0.81 No	0.152 Thermal Discharging
TRA002	60	'311587543_/311587549'		0.3	0.9	10	0.152	1.1	1.58	0.81 No	0.152 Thermal Discharging
TRA002	61	'311599594_/311599600'		0.3	0.9	10	0.152	1.1	1.56	0.81 No	0.152 Thermal Discharging
TRA002	62	'311599841_/311599848'		0.2	0.9	10	0.152	1	1.48	0.81 No	0.152 Thermal Discharging
TRA002	63	'311585878_/311585875'		0.07	0.3	3.33	0.048	0.2	0.49	0.27 No	0.048 Thermal Discharging
TRA002	64	'311587534_/311587540'		0.3	0.8	10	0.152	1.1	1.48	0.81 No	0.152 Thermal Discharging
TRA002	65	'311586546_/311586557'		0.2	0.8	10	0.152	1	1.47	0.81 No	0.152 Thermal Discharging
TRA002	66	'311593052_/311593049'		0.1	0.27	3.33	0.048	0.3	0.48	0.27 No	0.048 Thermal Discharging
TRA002	67	'311585678_/311585675'		0.1	0.27	3.33	0.048	0.3	0.49	0.27 No	0.048 Thermal Discharging
TRA002	68	'311717412_/311587531_2'		0.3	0.8	10	0.152	1.1	1.46	0.81 No	0.152 Thermal Discharging
TRA002	69	'311599501_/311599591'		0.3	0.8	10	0.152	1.1	1.43	0.81 No	0.152 Thermal Discharging
TRA002	70	'367677859_/367677867'		0.3	0.8	10	0.152	1.1	1.41	0.81 No	0.152 Thermal Discharging
TRA002	71	'311599492_/311599498'		0.3	0.8	10	0.152	1.1	1.41	0.81 No	0.152 Thermal Discharging
TRA002	72	'311599473_/311599489'		0.3	0.8	10	0.152	1.1	1.33	0.81 No	0.152 Thermal Discharging
TRA002	73	'311587248_/311587245'		0.07	0.27	3.33	0.048	0.3	0.44	0.27 No	0.048 Thermal Discharging
TRA002	74	'311585842_/311585839'		0.07	0.27	3.33	0.048	0.2	0.44	0.27 No	0.048 Thermal Discharging
TRA002	75	'311593065_/311593062'		0.07	0.27	3.33	0.048	0.3	0.44	0.27 No	0.048 Thermal Discharging
TRA002	76	'311587519_/311587531_1'		0.2	0.7	10	0.152	1.1	1.32	0.81 No	0.152 Thermal Discharging
TRA002	77	'311599832_/311599839'		0.2	0.8	10	0.152	1	1.31	0.81 No	0.152 Thermal Discharging
TRA002	78	'311599474_/311599471'		0.2	0.7	10	0.152	1.1	1.27	0.81 No	0.152 Thermal Discharging
TRA002	79	'311818046_/311599480_1'		0.2	0.7	10	0.152	1.1	1.26	0.81 No	0.152 Thermal Discharging
TRA002	80	'637129107_/311599480_2'		0.2	0.7	10	0.152	1.1	1.24	0.81 No	0.152 Thermal Discharging
TRA002	81	'311587213_/311587258'		0.07	0.23	3.33	0.048	0.3	0.41	0.27 No	0.048 Thermal Discharging
TRA002	82	'350864771_/311599480_3'		0.2	0.7	10	0.152	1.1	1.23	0.81 No	0.152 Thermal Discharging
TRA002	83	'637128796_/311599480_4'		0.2	0.7	10	0.152	1.1	1.22	0.81 No	0.152 Thermal Discharging
TRA002	84	'311599833_/311599830'		0.2	0.7	10	0.152	1	1.22	0.81 No	0.152 Thermal Discharging
TRA002	85	'317817509_/311585851_1'		0.03	0.17	3.33	0.048	0.2	0.41	0.27 No	0.03 Primary Over-Voltage
TRA002	86	'311585651_/311587516'		0.2	0.7	10	0.152	1.1	1.22	0.81 No	0.152 Thermal Discharging
TRA002	87	'311587851_/311587848'		0.07	0.23	3.33	0.048	0.2	0.4	0.27 No	0.048 Thermal Discharging
TRA002	88	'311593078_/311593075'		0.07	0.23	3.33	0.048	0.3	0.4	0.27 No	0.048 Thermal Discharging
TRA002	89	'311599224_/311599221'		0.2	0.7	10	0.152	1.1	1.18	0.81 No	0.152 Thermal Discharging
TRA002	90	'311599214_/311599212'		0.2	0.7	10	0.152	1.1	1.16	0.81 No	0.152 Thermal Discharging
TRA002	91	'311587214_/311587211'		0.07	0.2	3.33	0.048	0.3	0.38	0.27 No	0.048 Thermal Discharging
TRA002	92	'311599162_/311599248'		0.2	0.6	10	0.152	1.1	1.12	0.81 No	0.152 Thermal Discharging
TRA002	93	'350805151_/311599257'		0.2	0.6	10	0.152	1.1	1.12	0.81 No	0.152 Thermal Discharging
TRA002	94	'311585650_/311585648'		0.2	0.6	10	0.152	1.1	1.12	0.81 No	0.152 Thermal Discharging
TRA002	95	'311777376_/311599160_1'		0.07	0.2	3.33	0.048	0.1	0.37	0.27 No	0.048 Thermal Discharging
TRA002	96	'350805161_/311598397'		0.2	0.6	10	0.152	1.1	1.09	0.81 No	0.152 Thermal Discharging
TRA002	97	'350805183_/343598747'		0.2	0.6	10	0.152	1.1	1.09	0.81 No	0.152 Thermal Discharging
TRA002	98	'311585866_/311587857'		0.07	0.2	3.33	0.048	0.2	0.36	0.27 No	0.048 Thermal Discharging
TRA002	99	'311599163_/311599160_2'		0.07	0.2	3.33	0.048	0.1	0.36	0.27 No	0.048 Thermal Discharging
TRA002	100	'311598384_/311599299'		0.2	0.6	10	0.152	1	1.07	0.81 No	0.152 Thermal Discharging
TRA002	101	'311817998_/311598382_1'		0.2	0.6	10	0.152	0.7	1.07	0.81 No	0.152 Thermal Discharging
TRA002	102	'311593085_/311593082'		0.07	0.2	3.33	0.048	0.3	0.35	0.27 No	0.048 Thermal Discharging
TRA002	103	'311587221_/311587218'		0.07	0.2	3.33	0.048	0.3	0.35	0.27 No	0.048 Thermal Discharging
TRA002	104	'311587397_/311587395'		0.2	0.6	10	0.152	1.1	1.04	0.81 No	0.152 Thermal Discharging
TRA002	105	'311598385_/311598382_2'		0.2	0.6	10	0.152	0.7	1.03	0.81 No	0.152 Thermal Discharging
TRA002	106	'311599155_/311599167'		0.07	0.2	3.33	0.048	0.1	0.34	0.27 No	0.048 Thermal Discharging
TRA002	107	'311599311_/311599308'		0.2	0.6	10	0.152	1	1.01	0.81 No	0.152 Thermal Discharging
TRA002	108	'311593092_/311593089'		0.07	0.2	3.33	0.048	0.3	0.33	0.27 No	0.048 Thermal Discharging
TRA002	109	'311599148_/311599153'		0.07	0.17	3.33	0.048	0.1	0.33	0.27 No	0.048 Thermal Discharging
TRA002	110	'311587407_/311587418'		0.2	0.5	10	0.152	1.1	0.98	0.81 No	0.152 Thermal Discharging
TRA002	111	'311592777_/311599317'		0.2	0.5	10	0.152	1	0.95	0.81 No	0.152 Thermal Discharging
TRA002	112	'311587406_/311587404'		0.13	0.33	6.67	0.104	0.73	0.64	0.54 No	0.104 Thermal Discharging
TRA002	113	'311598415_/311599146'		0.07	0.17	3.33	0.048	0.1	0.31	0.27 No	0.048 Thermal Discharging
TRA002	114	'311585854_/311585863'		0.03	0.17	3.33	0.048	0.2	0.31	0.27 No	0.03 Primary Over-Voltage
TRA002	115	'311598408_/311598413'		0.07	0.17	3.33	0.048	0.1	0.3	0.27 No	0.048 Thermal Discharging
TRA002	116	'311585635_/311588024'		0.2	0.5	10	0.152	1.1	0.89	0.81 No	0.152 Thermal Discharging
TRA002	117	'311592778_/311592775'		0.2	0.5	10	0.152	1	0.88	0.81 No	0.152 Thermal Discharging
TRA002	118	'311599135_/311599132'		0.07	0.17	3.33	0.048	0.1	0.29	0.27 No	0.048 Thermal Discharging
TRA002	119	'350805199_/311599139'		0.07	0.17	3.33	0.048	0.1	0.29	0.27 No	0.048 Thermal Discharging
TRA002	120	'311717856_/311585633_1'		0.2	0.5	10	0.152	0.7	0.88	0.81 No	0.152 Thermal Discharging
TRA002	121	'311598706_/311598704'		0.07	0.17	3.33	0.048	0.1	0.29	0.27 No	0.048 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TRA002	122	'311598409_/311598406'		0.07	0.17	3.33	0.048	0.1	0.29	0.27 No	0.048 Thermal Discharging
TRA002	123	'311585636_/311585633_2'		0.2	0.5	10	0.152	0.7	0.86	0.81 No	0.152 Thermal Discharging
TRA002	124	'311598699_/311598711'		0.07	0.17	3.33	0.048	0.1	0.28	0.27 No	0.048 Thermal Discharging
TRA002	125	'311592793_/311592790'		0.2	0.5	10	0.152	1	0.84	0.81 No	0.152 Thermal Discharging
TRA002	126	'311585620_/311588050'		0.2	0.4	10	0.152	1.1	0.82	0.81 No	0.152 Thermal Discharging
TRA002	127	'311598692_/311598697'		0.07	0.13	3.33	0.048	0.1	0.27	0.27 No	0.048 Thermal Discharging
TRA002	128	'311592802_/311592799'		0.1	0.4	10	0.152	1	0.81	0.81 No	0.1 Primary Over-Voltage
TRA002	129	'311585621_/311585618'		0.1	0.4	10	0.152	1	0.79	0.81 No	0.1 Primary Over-Voltage
TRA002	130	'311598685_/311598690'		0.07	0.13	3.33	0.048	0.1	0.26	0.27 No	0.048 Thermal Discharging
TRA002	131	'311592817_/311592814'		0.1	0.4	10	0.152	1	0.77	0.81 No	0.1 Primary Over-Voltage
TRA002	132	'311588072_/311588070'		0.1	0.4	10	0.152	1.1	0.76	0.81 No	0.1 Primary Over-Voltage
TRA002	133	'311598671_/311598683'		0.03	0.13	3.33	0.048	0.1	0.25	0.27 No	0.03 Primary Over-Voltage
TRA002	134	'311717811_/311586001_2'		0.1	0.4	10	0.152	1.1	0.73	0.81 No	0.1 Primary Over-Voltage
TRA002	135	'311585989_/311586001_1'		0.1	0.4	10	0.152	1.1	0.73	0.81 No	0.1 Primary Over-Voltage
TRA002	136	'311592826_/311592823'		0.1	0.4	10	0.152	1	0.72	0.81 No	0.1 Primary Over-Voltage
TRA002	137	'311598672_/311598669'		0.03	0.13	3.33	0.048	0.1	0.24	0.27 No	0.03 Primary Over-Voltage
TRA002	138	'311592841_/311592838'		0.1	0.4	10	0.152	1	0.7	0.81 No	0.1 Primary Over-Voltage
TRA002	139	'589374954_/589374591_1'		0.1	0.4	10	0.152	0.7	0.7	0.81 No	0.1 Primary Over-Voltage
TRA002	140	'311585988_/311585986'		0.1	0.4	10	0.152	1.1	0.7	0.81 No	0.1 Primary Over-Voltage
TRA002	141	'311598664_/311598676'		0.03	0.13	3.33	0.048	0.1	0.23	0.27 No	0.03 Primary Over-Voltage
TRA002	142	'589374575_/589374591_2'		0.1	0.4	10	0.152	0.7	0.69	0.81 No	0.1 Primary Over-Voltage
TRA002	143	'311592850_/311592847'		0.1	0.4	10	0.152	1	0.69	0.81 No	0.1 Primary Over-Voltage
TRA002	144	'589374611_/589374627'		0.1	0.4	10	0.152	0.7	0.69	0.81 No	0.1 Primary Over-Voltage
TRA002	145	'311598665_/311598662'		0.03	0.13	3.33	0.048	0.1	0.22	0.27 No	0.03 Primary Over-Voltage
TRA002	146	'311592859_/311592856'		0.1	0.4	10	0.152	1	0.67	0.81 No	0.1 Primary Over-Voltage
TRA002	147	'589374709_/589374706'		0.03	0.1	3.33	0.048	0.23	0.22	0.27 No	0.03 Primary Over-Voltage
TRA002	148	'311596092_/589374757'		0.03	0.1	3.33	0.048	0.23	0.21	0.27 No	0.03 Primary Over-Voltage
TSS061	0	'TSS061_/311584819'		10	10	7.2	0.51	7.2	10	4.25 Yes	0.51 Thermal Discharging
TSS061	1	'311584452_/311584819'		10	10	7.2	0.51	7.2	10	0.91 Yes	0.51 Thermal Discharging
TSS061	2	'311737203_/311584450_1'		10	10	7.2	0.51	1.4	10	0.91 Yes	0.51 Thermal Discharging
TSS061	3	'311585155_/311585282'		10	10	7.2	0.51	6.7	10	0.91 Yes	0.51 Thermal Discharging
TSS061	4	'311588168_/311591563'		10	10	7.2	0.51	7.2	10	0.91 Yes	0.51 Thermal Discharging
TSS061	5	'311584453_/311584450_2'		10	10	7.2	0.51	1.4	10	0.91 Yes	0.51 Thermal Discharging
TSS061	6	'348886398_/348886430_1'		3.33	3.33	2.4	0.17	0.4	3.33	0.3 Yes	0.17 Thermal Discharging
TSS061	7	'311585156_/311585153'		10	10	7.2	0.51	6.7	10	0.91 Yes	0.51 Thermal Discharging
TSS061	8	'311585140_/311585168'		10	10	7.2	0.51	6.7	10	0.91 Yes	0.51 Thermal Discharging
TSS061	9	'311584503_/311588166'		10	10	7.2	0.51	7.2	10	0.91 Yes	0.51 Thermal Discharging
TSS061	10	'350258120_/311584501_1'		3.33	3.33	2.4	0.17	0.4	3.33	0.3 Yes	0.17 Thermal Discharging
TSS061	11	'311584968_/311584965'		10	10	7.2	0.51	1.4	10	0.91 Yes	0.51 Thermal Discharging
TSS061	12	'311585180_/311585177'		3.33	3.33	2.4	0.17	1	3.33	0.3 Yes	0.17 Thermal Discharging
TSS061	13	'311743097_/311584980_1'		10	10	7.2	0.51	1.4	10	0.91 Yes	0.51 Thermal Discharging
TSS061	14	'311585131_/311585138'		10	10	7.2	0.51	6.7	10	0.91 Yes	0.51 Thermal Discharging
TSS061	15	'311702554_/311585187_1'		10	10	7.2	0.51	1.4	10	0.91 Yes	0.51 Thermal Discharging
TSS061	16	'448269693_/448269594'		3.33	3.33	2.4	0.17	0.3	3.33	0.3 Yes	0.17 Thermal Discharging
TSS061	17	'311584504_/311584501_2'		3.33	3.33	2.4	0.17	0.4	3.33	0.3 Yes	0.17 Thermal Discharging
TSS061	18	'311585116_/311585129'		10	10	7.2	0.51	6.7	10	0.91 Yes	0.51 Thermal Discharging
TSS061	19	'311588194_/311588191'		10	10	7.2	0.51	7.2	10	0.91 Yes	0.51 Thermal Discharging
TSS061	20	'488089170_/488089083_1'		10	10	7.2	0.51	1.4	10	0.91 Yes	0.51 Thermal Discharging
TSS061	21	'448269597_/448269695'		3.33	3.33	2.4	0.17	0.3	3.33	0.3 Yes	0.17 Thermal Discharging
TSS061	22	'488089224_/488089083_2'		10	10	7.2	0.51	1.4	10	0.91 Yes	0.51 Thermal Discharging
TSS061	23	'311588241_/311588250'		10	10	7.2	0.51	4.5	10	0.91 Yes	0.51 Thermal Discharging
TSS061	24	'488089086_/488089083_3'		10	10	7.2	0.51	1.4	10	0.91 Yes	0.51 Thermal Discharging
TSS061	25	'488089191_/488089116_1'		10	10	7.2	0.51	1.4	10	0.91 Yes	0.51 Thermal Discharging
TSS061	26	'448269761_/448269780'		3.33	3.33	2.4	0.17	0.3	3.33	0.3 Yes	0.17 Thermal Discharging
TSS061	27	'311584952_/311584980_2'		10	10	7.2	0.51	1.4	10	0.91 Yes	0.51 Thermal Discharging
TSS061	28	'488089236_/488089116_2'		10	10	7.2	0.51	1.4	10	0.91 Yes	0.51 Thermal Discharging
TSS061	29	'311585117_/311585114'		10	10	7.2	0.51	6.7	10	0.91 Yes	0.51 Thermal Discharging
TSS061	30	'311585190_/311585187_2'		10	10	7.2	0.51	1.4	10	0.91 Yes	0.51 Thermal Discharging
TSS061	31	'488089119_/488089116_3'		10	10	7.2	0.51	1.4	10	0.91 Yes	0.51 Thermal Discharging
TSS061	32	'473892357_/473892354'		10	10	7.2	0.51	6.7	10	0.91 Yes	0.51 Thermal Discharging
TSS061	33	'311585937_/311588238'		10	10	7.2	0.51	4.5	10	0.91 Yes	0.51 Thermal Discharging
TSS061	34	'473892431_/473892428'		10	10	7.2	0.51	6.7	10	0.91 Yes	0.51 Thermal Discharging
TSS061	35	'358938155_/358938080_1'		10	10	7.2	0.51	1.4	10	0.91 Yes	0.51 Thermal Discharging
TSS061	36	'311588209_/311588206'		0.3	10	7.2	0.51	7.2	10	0.91 Yes	0.3 Primary Over-Voltage
TSS061	37	'343784805_/348886430_2'		3.33	3.33	2.4	0.17	0.4	3.33	0.3 Yes	0.17 Thermal Discharging
TSS061	38	'473892518_/473892515'		10	10	7.2	0.51	6.7	10	0.91 Yes	0.51 Thermal Discharging
TSS061	39	'473892546_/473892543'		10	10	7.2	0.51	6.7	10	0.91 Yes	0.51 Thermal Discharging
TSS061	40	'311585382_/358938080_2'		10	10	7.2	0.51	1.4	10	0.91 Yes	0.51 Thermal Discharging
TSS061	41	'473892581_/491887544'		10	10	7.2	0.51	6.7	10	0.91 Yes	0.51 Thermal Discharging
TSS061	42	'311588218_/311588215'		0.2	10	8.2	0.51	7.2	10	0.91 Yes	0.2 Primary Over-Voltage
TSS061	43	'473892598_/473892595'		10	10	7.2	0.51	6.7	10	0.91 Yes	0.51 Thermal Discharging
TSS061	44	'311584943_/311584950'		10	10	7.2	0.51	1.4	10	0.91 Yes	0.51 Thermal Discharging
TSS061	45	'491887558_/311586535_1'		10	10	7.2	0.51	1.4	10	0.91 Yes	0.51 Thermal Discharging
TSS061	46	'491887387_/491887384'		10	10	7.2	0.51	6.7	10	0.91 Yes	0.51 Thermal Discharging
TSS061	47	'491887405_/491887402'		10	10	6.2	0.51	6.7	10	0.91 Yes	0.51 Thermal Discharging
TSS061	48	'491887423_/491887420'		10	10	6.2	0.51	6.7	10	0.91 Yes	0.51 Thermal Discharging
TSS061	49	'311585383_/311585380'		10	10	7.2	0.51	1.4	10	0.91 Yes	0.51 Thermal Discharging
TSS061	50	'491887615_/491887612'		10	10	6.2	0.51	6.7	10	0.91 Yes	0.51 Thermal Discharging
TSS061	51	'311585045_/311586535_2'		10	10	7.2	0.51	1.4	10	0.91 Yes	0.51 Thermal Discharging
TSS061	52	'491887630_/491887627'		10	10	6.2	0.51	6.7	10	0.91 Yes	0.51 Thermal Discharging
TSS061	53	'491887647_/491887644'		10	10	6.2	0.51	6.7	10	0.91 Yes	0.51 Thermal Discharging
TSS061	54	'311588562_/311588559'		0.1	10	8.2	0.51	7.2	10	0.91 Yes	0.1 Primary Over-Voltage
TSS061	55	'491887683_/491887680'		10	10	6.2	0.51	6.7	10	0.91 Yes	0.51 Thermal Discharging
TSS061	56	'491887718_/491887715'		10	10	6.2	0.51	6.7	10	0.91 Yes	0.51 Thermal Discharging
TSS061	57	'311584928_/311584941'		10	10	7.2	0.51	1.4	10	0.91 Yes	0.51 Thermal Discharging
TSS061	58	'491887736_/491887733'		10	10	6.2	0.51	6.7	10	0.91 Yes	0.51 Thermal Discharging
TSS061	59	'491887843_/491887789'		10	10	6.2	0.51	6.7	10	0.91 Yes	0.51 Thermal Discharging
TSS061	60	'491887936_/491887840_1'		10	10	6.2	0.51	1.1	10	0.91 Yes	0.51 Thermal Discharging
TSS061	61	'508801469_/491887840_2'		10	10	6.2	0.51	1.1	10	0.91 Yes	0.51 Thermal Discharging
TSS061	62	'491888247_/491888234'		10	10	6.2	0.51	6.7	10	0.91 Yes	0.51 Thermal Discharging
TSS061	63	'311584576_/311588568'		0.1	10	8.2	0.51	7.2	10	0.91 Yes	0.1 Primary Over-Voltage
TSS061	64	'311593837_/491888245'		10	10	6.2	0.51	6.7	10	0.91 Yes	0.51 Thermal Discharging
TSS061	65	'311585046_/311585043'		10	10	6.2	0.51	1.4	10	0.91 Yes	0.51 Thermal Discharging
TSS061	66	'448269611_/448269608'		3.33	3.33	2.4	0.17	0.3	3.33	0.3 Yes	0.17 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TSS061	67	'311737179_/_311584573_2'	0.03	3.33	2.73	0.17	1	3.33	0.3	Yes	0.03 Primary Over-Voltage
TSS061	68	'311593850_/_491888260'	10	10	6.2	0.51	6.7	10	0.91	Yes	0.51 Thermal Discharging
TSS061	69	'498630768_/_491888281'	10	10	6.2	0.51	6.7	10	0.91	Yes	0.51 Thermal Discharging
TSS061	70	'311593864_/_491888304'	10	10	6.2	0.51	6.7	10	0.91	Yes	0.51 Thermal Discharging
TSS061	71	'311593871_/_491888339'	10	10	6.2	0.51	6.7	10	0.91	Yes	0.51 Thermal Discharging
TSS061	72	'491888376_/_411494353_1'	3.33	3.33	2.07	0.17	0.4	3.33	0.3	Yes	0.17 Thermal Discharging
TSS061	73	'491888421_/_491888445'	10	10	6.2	0.51	6.7	10	0.91	Yes	0.51 Thermal Discharging
TSS061	74	'498629800_/_498629782'	10	10	6.2	0.51	6.7	10	0.91	Yes	0.51 Thermal Discharging
TSS061	75	'311584563_/_311584573_1'	0.03	3.33	2.73	0.17	0.4	3.33	0.3	Yes	0.03 Primary Over-Voltage
TSS061	76	'311584919_/_311584926'	10	10	7.2	0.51	1.4	10	0.91	Yes	0.51 Thermal Discharging
TSS061	77	'492587446_/_498629798'	10	10	6.2	0.51	6.7	10	0.91	Yes	0.51 Thermal Discharging
TSS061	78	'311588586_/_311588583'	0.1	10	8.2	0.51	7.2	10	0.91	Yes	0.1 Primary Over-Voltage
TSS061	79	'491888662_/_492587453'	10	10	6.2	0.51	6.7	10	0.91	Yes	0.51 Thermal Discharging
TSS061	80	'311585038_/_311585050'	3.33	3.33	2.07	0.17	0.47	3.33	0.3	Yes	0.17 Thermal Discharging
TSS061	81	'411494268_/_411494353_2'	3.33	3.33	2.07	0.17	0.4	3.33	0.3	Yes	0.17 Thermal Discharging
TSS061	82	'311603311_/_498629834'	10	10	6.2	0.51	6.7	10	0.91	Yes	0.51 Thermal Discharging
TSS061	83	'712509448_/_712509407_1'	3.33	3.33	2.07	0.17	0.3	3.33	0.3	Yes	0.17 Thermal Discharging
TSS061	84	'311603322_/_498629957'	10	10	6.2	0.51	6.7	10	0.91	Yes	0.51 Thermal Discharging
TSS061	85	'759259895_/_498629854_1'	3.33	3.33	2.07	0.17	0.5	3.33	0.3	Yes	0.17 Thermal Discharging
TSS061	86	'311603336_/_498629933'	10	10	6.2	0.51	6.7	10	0.91	Yes	0.51 Thermal Discharging
TSS061	87	'311611843_/_498629854_2'	3.33	3.33	2.07	0.17	0.5	3.33	0.3	Yes	0.17 Thermal Discharging
TSS061	88	'311584613_/_311588598'	0.1	10	8.2	0.51	7.2	10	0.91	Yes	0.1 Primary Over-Voltage
TSS061	89	'492587857_/_498629863'	3.33	3.33	2.07	0.17	0.5	3.33	0.3	Yes	0.17 Thermal Discharging
TSS061	90	'411494284_/_411494281'	3.33	3.33	2.07	0.17	0.4	3.33	0.3	Yes	0.17 Thermal Discharging
TSS061	91	'311603349_/_491889165'	10	10	6.2	0.51	6.7	10	0.91	Yes	0.51 Thermal Discharging
TSS061	92	'311737405_/_311584610_2'	0.03	3.33	2.73	0.17	1	3.33	0.3	Yes	0.03 Primary Over-Voltage
TSS061	93	'311603356_/_491889177'	10	10	6.2	0.51	6.7	10	0.91	Yes	0.51 Thermal Discharging
TSS061	94	'311584562_/_311584560'	0.03	3.33	2.73	0.17	0.4	3.33	0.3	Yes	0.03 Primary Over-Voltage
TSS061	95	'311603363_/_498629975'	10	10	6.2	0.51	6.7	10	0.91	Yes	0.51 Thermal Discharging
TSS061	96	'311584904_/_311584917'	10	10	7.2	0.51	1.4	10	0.91	Yes	0.51 Thermal Discharging
TSS061	97	'311603376_/_498630000'	10	10	6.2	0.51	6.7	10	0.91	Yes	0.51 Thermal Discharging
TSS061	98	'311603383_/_498630020'	10	10	6.2	0.51	6.7	10	0.91	Yes	0.51 Thermal Discharging
TSS061	99	'311584600_/_311584610_1'	0.03	3.33	2.73	0.17	0.4	3.33	0.3	Yes	0.03 Primary Over-Voltage
TSS061	100	'311585022_/_311585036'	3.33	3.33	2.07	0.17	0.47	3.33	0.3	Yes	0.17 Thermal Discharging
TSS061	101	'311603390_/_491889225'	10	10	6.2	0.51	6.7	10	0.91	Yes	0.51 Thermal Discharging
TSS061	102	'311603397_/_492586230'	10	10	6.2	0.51	6.7	10	0.91	Yes	0.51 Thermal Discharging
TSS061	103	'311588610_/_311588607'	0.1	10	10	0.51	7.2	10	0.91	Yes	0.1 Primary Over-Voltage
TSS061	104	'311603404_/_498630110'	10	10	6.2	0.51	6.7	10	0.91	Yes	0.51 Thermal Discharging
TSS061	105	'716251051_/_602534681_1'	3.33	3.33	2.07	0.17	0.4	3.33	0.3	Yes	0.17 Thermal Discharging
TSS061	106	'492586570_/_498630138'	10	10	6.2	0.51	6.7	10	0.91	Yes	0.51 Thermal Discharging
TSS061	107	'588033340_/_498630206_1'	3.33	3.33	2.07	0.17	0.4	3.33	0.3	Yes	0.17 Thermal Discharging
TSS061	108	'664768958_/_664768906'	10	10	7.2	0.51	1.4	10	0.91	Yes	0.51 Thermal Discharging
TSS061	109	'712509391_/_712509407_2'	3.33	3.33	2.07	0.17	0.3	3.33	0.3	Yes	0.17 Thermal Discharging
TSS061	110	'492586664_/_492586661'	10	10	6.2	0.51	6.7	10	0.91	Yes	0.51 Thermal Discharging
TSS061	111	'311588625_/_311588622'	0.1	10	10	0.51	7.2	10	0.91	Yes	0.1 Primary Over-Voltage
TSS061	112	'492586682_/_492586679'	10	10	6.2	0.51	6.7	10	0.91	Yes	0.51 Thermal Discharging
TSS061	113	'311585009_/_311585020'	3.33	3.33	2.07	0.17	0.47	3.33	0.3	Yes	0.17 Thermal Discharging
TSS061	114	'311584905_/_664768962'	10	10	7.2	0.51	1.4	10	0.91	Yes	0.51 Thermal Discharging
TSS061	115	'498630174_/_498630156'	10	10	6.2	0.51	6.7	10	0.91	Yes	0.51 Thermal Discharging
TSS061	116	'311602594_/_311602591_2'	10	10	6.2	0.51	4.5	10	0.91	Yes	0.51 Thermal Discharging
TSS061	117	'311584599_/_311584597'	0.03	3.33	2.73	0.17	0.4	3.33	0.3	Yes	0.03 Primary Over-Voltage
TSS061	118	'492586821_/_498630172'	10	10	6.2	0.51	6.7	10	0.91	Yes	0.51 Thermal Discharging
TSS061	119	'311589283_/_311590246'	0.1	10	10	0.51	7.2	10	0.91	Yes	0.1 Primary Over-Voltage
TSS061	120	'311603411_/_498630206_2'	3.33	3.33	2.07	0.17	0.4	3.33	0.3	Yes	0.17 Thermal Discharging
TSS061	121	'492586839_/_492586836'	10	10	6.2	0.51	6.7	10	0.91	Yes	0.51 Thermal Discharging
TSS061	122	'311604463_/_602534681_2'	3.33	3.33	2.07	0.17	0.4	3.33	0.3	Yes	0.17 Thermal Discharging
TSS061	123	'350253143_/_311589280_2'	0.1	10	10	0.51	4.7	10	0.91	Yes	0.1 Primary Over-Voltage
TSS061	124	'492586948_/_492586945'	10	10	6.2	0.51	6.7	10	0.91	Yes	0.51 Thermal Discharging
TSS061	125	'311602609_/_311602606'	10	10	6.2	0.51	4.5	10	0.91	Yes	0.51 Thermal Discharging
TSS061	126	'311585010_/_311585007'	3.33	3.33	2.07	0.17	0.47	3.33	0.3	Yes	0.17 Thermal Discharging
TSS061	127	'311589282_/_311589280_1'	0.1	10	10	0.51	4.7	10	0.91	Yes	0.1 Primary Over-Voltage
TSS061	128	'311590277_/_311590274'	0.1	10	10	0.51	6.9	10	0.91	Yes	0.1 Primary Over-Voltage
TSS061	129	'492586966_/_492586963'	10	10	6.2	0.51	6.7	10	0.91	Yes	0.51 Thermal Discharging
TSS061	130	'492586990_/_492586987'	10	10	6.2	0.51	6.7	10	0.91	Yes	0.51 Thermal Discharging
TSS061	131	'311602579_/_311602591_1'	10	10	6.2	0.51	4.5	10	0.91	Yes	0.51 Thermal Discharging
TSS061	132	'311589175_/_311590220'	0.1	10	10	0.51	4.7	10	0.91	Yes	0.1 Primary Over-Voltage
TSS061	133	'492587287_/_492587003_1'	10	10	6.2	0	6.7	10	3.13	Yes	0 Thermal Discharging
TSS061	134	'492587006_/_492587003_2'	10	10	6.2	0	6.7	10	3.13	Yes	0 Thermal Discharging
TSS061	135	'492587024_/_492587021'	10	10	6.2	0	6.7	10	3.13	Yes	0 Thermal Discharging
TSS061	136	'553074582_/_492587039_1'	10	10	6.2	0	0.9	10	3.13	Yes	0 Thermal Discharging
TSS061	137	'492587042_/_492587039_2'	10	10	6.2	0	0.9	10	3.13	Yes	0 Thermal Discharging
TSS061	138	'499998497_/_499998494'	10	10	6.2	0	6.7	10	3.13	Yes	0 Thermal Discharging
TSS061	139	'553074564_/_492587499_1'	10	10	6.2	0	0.9	10	3.13	Yes	0 Thermal Discharging
TSS061	140	'492587635_/_492587499_2'	10	10	6.2	0	0.9	10	3.13	Yes	0 Thermal Discharging
TSS061	141	'553074630_/_499998518_1'	10	10	6.2	0	0.9	10	3.13	Yes	0 Thermal Discharging
TSS061	142	'501950301_/_501950298'	10	10	6.2	0	6.7	10	3.13	Yes	0 Thermal Discharging
TSS061	143	'499998521_/_499998518_2'	10	10	6.2	0	0.9	10	3.13	Yes	0 Thermal Discharging
TSS061	144	'492587502_/_492587499_3'	10	10	6.2	0	0.9	10	3.13	Yes	0 Thermal Discharging
TSS061	145	'553074707_/_501950322_1'	10	10	6.2	0	0.9	10	3.13	Yes	0 Thermal Discharging
TSS061	146	'501950325_/_501950322_2'	10	10	6.2	0	0.9	10	3.13	Yes	0 Thermal Discharging
TSS061	147	'553074689_/_501950363_1'	10	10	6.2	0	0.9	10	3.13	Yes	0 Thermal Discharging
TSS061	148	'311736925_/_311589173_1'	0.03	3.33	3.33	0.17	0.4	3.33	0.3	Yes	0.03 Primary Over-Voltage
TSS061	149	'553074678_/_501950363_2'	10	10	6.2	0	0.9	10	3.13	Yes	0 Thermal Discharging
TSS061	150	'499998608_/_499998556_1'	10	10	6.2	0	0.9	10	3.13	Yes	0 Thermal Discharging
TSS061	151	'501950366_/_501950363_3'	10	10	6.2	0	0.9	10	3.13	Yes	0 Thermal Discharging
TSS061	152	'499998621_/_499998556_2'	10	10	6.2	0	0.9	10	3.13	Yes	0 Thermal Discharging
TSS061	153	'311590312_/_311590309'	0.1	10	10	0.51	6.9	10	0.91	Yes	0.1 Primary Over-Voltage
TSS061	154	'499998559_/_499998556_3'	10	10	6.2	0	0.9	10	3.13	Yes	0 Thermal Discharging
TSS061	155	'311604451_/_602534691'	3.33	3.33	2.07	0.17	0.4	3.33	0.3	Yes	0.17 Thermal Discharging
TSS061	156	'311589188_/_311590205'	0.1	10	10	0.51	4.7	10	0.91	Yes	0.1 Primary Over-Voltage
TSS061	157	'452841359_/_311589186_1'	0.03	3.33	3.33	0.17	0.4	3.33	0.3	Yes	0.03 Primary Over-Voltage
TSS061	158	'311589176_/_311589173_2'	0.03	3.33	3.33	0.17	0.4	3.33	0.3	Yes	0.03 Primary Over-Voltage
TSS061	159	'452841366_/_311589186_2'	0.03	3.33	3.33	0.17	0.4	3.33	0.3	Yes	0.03 Primary Over-Voltage
TSS061	160	'311590321_/_311590318'	0.1	10	10	0.51	6.9	10	0.91	Yes	0.1 Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TSS061	161	'311590152_/_311590158'		0.1	10	10	0.51	4.7	10	0.91 Yes	0.1 Primary Over-Voltage
TSS061	162	'350252908_/_311590419_1'		0.1	10	10	0.51	1.4	10	0.91 Yes	0.1 Primary Over-Voltage
TSS061	163	'311589189_/_311589186_3'		0.03	3.33	3.33	0.17	0.4	3.33	0.3 Yes	0.03 Primary Over-Voltage
TSS061	164	'311590355_/_311590352'		0.1	10	10	0.51	6.9	10	0.91 Yes	0.1 Primary Over-Voltage
TSS061	165	'311590143_/_311590149'		0.1	10	10	0.51	4.7	10	0.91 Yes	0.1 Primary Over-Voltage
TSS061	166	'311589252_/_311590361'		0.1	10	10	0.51	6.9	10	0.91 Yes	0.1 Primary Over-Voltage
TSS061	167	'311736881_/_311589250_1'		0.1	10	10	0.51	1.5	10	0.91 Yes	0.1 Primary Over-Voltage
TSS061	168	'311588655_/_311589317'		0.03	3.33	3.33	0.17	0.4	3.33	0.3 Yes	0.03 Primary Over-Voltage
TSS061	169	'311588690_/_311590140'		0.1	10	10	0.51	4.7	10	0.91 Yes	0.1 Primary Over-Voltage
TSS061	170	'311737015_/_311588687_2'		0.03	3.33	3.33	0.17	1.1	3.33	0.3 Yes	0.03 Primary Over-Voltage
TSS061	171	'311590398_/_311590395'		0.1	10	10	0.51	6.9	10	0.91 Yes	0.1 Primary Over-Voltage
TSS061	172	'350252901_/_311590404_1'		0.1	10	10	0.51	6.9	10	0.91 Yes	0.1 Primary Over-Voltage
TSS061	173	'311590104_/_311590110'		0.1	10	10	0.51	4.7	10	0.91 Yes	0.1 Primary Over-Voltage
TSS061	174	'311588654_/_311588652'		0.03	3.33	3.33	0.17	0.4	3.33	0.3 Yes	0.03 Primary Over-Voltage
TSS061	175	'311584693_/_311590404_2'		0.1	10	10	0.51	6.9	10	0.91 Yes	0.1 Primary Over-Voltage
TSS061	176	'311590077_/_311590101'		0.1	10	10	0.51	4.7	10	0.91 Yes	0.1 Primary Over-Voltage
TSS061	177	'311817868_/_311590743_1'		0.03	3.33	3.33	0.17	0.4	3.33	0.3 Yes	0.03 Primary Over-Voltage
TSS061	178	'311588683_/_311588687_1'		0.03	3.33	3.33	0.17	0.4	3.33	0.3 Yes	0.03 Primary Over-Voltage
TSS061	179	'311590721_/_311590734'		0.1	10	10	0.51	6.8	10	0.91 Yes	0.1 Primary Over-Voltage
TSS061	180	'593297641_/_311584690_2'		0.1	10	10	0.51	6.7	10	0.91 Yes	0.1 Primary Over-Voltage
TSS061	181	'311584692_/_311584690_1'		0.1	10	10	0.51	6.7	10	0.91 Yes	0.1 Primary Over-Voltage
TSS061	182	'593297630_/_311584705_2'		0.1	10	10	0.51	6.7	10	0.91 Yes	0.1 Primary Over-Voltage
TSS061	183	'311737251_/_311590719_1'		0.1	10	10	0.16	6.8	10	0.45 Yes	0.1 Primary Over-Voltage
TSS061	184	'311590722_/_311590719_2'		0.1	10	10	0.16	6.8	10	0.45 Yes	0.1 Primary Over-Voltage
TSS061	185	'311589201_/_311590074'		0.1	10	10	0.51	4.7	10	0.91 Yes	0.1 Primary Over-Voltage
TSS061	186	'311584707_/_311584705_1'		0.1	10	10	0.02	6.7	10	1.24 Yes	0.02 Thermal Discharging
TSS061	187	'350253191_/_311589199_1'		0.03	3.33	3.33	0.17	0.4	3.33	0.3 Yes	0.03 Primary Over-Voltage
TSS061	188	'350253198_/_311589199_2'		0.03	3.33	3.33	0.17	0.4	3.33	0.3 Yes	0.03 Primary Over-Voltage
TSS061	189	'311590843_/_311590840'		0.1	10	10	0.16	6.8	10	0.45 Yes	0.1 Primary Over-Voltage
TSS061	190	'311589253_/_311589250_2'		0.1	10	10	0.51	1.5	10	0.91 Yes	0.1 Primary Over-Voltage
TSS061	191	'311737261_/_311591328_1'		0.03	3.33	3.33	0.05	0.4	3.33	0.15 Yes	0.03 Primary Over-Voltage
TSS061	192	'311588682_/_311588680'		0.03	3.33	3.33	0.17	0.4	3.33	0.3 Yes	0.03 Primary Over-Voltage
TSS061	193	'311590060_/_311591554'		0.03	3.33	3.33	0.17	0.4	3.33	0.3 Yes	0.03 Primary Over-Voltage
TSS061	194	'311737275_/_311590849'		0.1	10	10	0.16	5.4	10	0.45 Yes	0.1 Primary Over-Voltage
TSS061	195	'311736133_/_311590419_2'		0.1	10	10	0.51	1.5	10	0.91 Yes	0.1 Primary Over-Voltage
TSS061	196	'311589161_/_311589268'		0.1	10	10	0.51	4.7	10	0.91 Yes	0.1 Primary Over-Voltage
TSS061	197	'311584716_/_311584714'		0.1	10	10	0.02	6.7	10	1.24 Yes	0.02 Thermal Discharging
TSS061	198	'311589333_/_311589330'		0.03	3.33	3.33	0.17	1.5	3.33	0.3 Yes	0.03 Primary Over-Voltage
TSS061	199	'311588839_/_311589199_3'		0.03	3.33	3.33	0.17	0.4	3.33	0.3 Yes	0.03 Primary Over-Voltage
TSS061	200	'311590035_/_311590058'		0.03	3.33	3.33	0.17	0.4	3.33	0.3 Yes	0.03 Primary Over-Voltage
TSS061	201	'311584725_/_311584723'		0.1	10	10	0.02	6.7	10	1.24 Yes	0.02 Thermal Discharging
TSS061	202	'311589160_/_311589158'		0.1	10	10	0.51	4.7	10	0.91 Yes	0.1 Primary Over-Voltage
TSS061	203	'311591331_/_311591328_2'		0.03	3.33	3.33	0.05	0.4	3.33	0.15 Yes	0.03 Primary Over-Voltage
TSS061	204	'311590013_/_311590033'		0.03	3.33	2.73	0.17	0.4	3.33	0.3 Yes	0.03 Primary Over-Voltage
TSS061	205	'311589208_/_311589346'		0.03	3.33	2.73	0.17	1.5	3.33	0.3 Yes	0.03 Primary Over-Voltage
TSS061	206	'311584740_/_311584738'		0.1	10	10	0.02	6.7	10	1.24 Yes	0.02 Thermal Discharging
TSS061	207	'593297437_/_311591239'		0.1	10	10	0.16	5.4	10	0.45 Yes	0.1 Primary Over-Voltage
TSS061	208	'311590746_/_311590743_2'		0.03	3.33	3.33	0.17	0.4	3.33	0.3 Yes	0.03 Primary Over-Voltage
TSS061	209	'311588799_/_311588836'		0.03	3.33	2.73	0.17	0.4	3.33	0.3 Yes	0.03 Primary Over-Voltage
TSS061	210	'311589872_/_311589878'		0.1	10	8.2	0.51	4.7	10	0.91 Yes	0.1 Primary Over-Voltage
TSS061	211	'311589976_/_311590011'		0.03	3.33	2.73	0.17	0.4	3.33	0.3 Yes	0.03 Primary Over-Voltage
TSS061	212	'311591457_/_311591454'		0.1	10	10	0.16	5.4	10	0.45 Yes	0.1 Primary Over-Voltage
TSS061	213	'311584749_/_311584747'		0.1	10	10	0.02	6.7	10	1.24 Yes	0.02 Thermal Discharging
TSS061	214	'593297426_/_311591248_1'		0.03	3.33	3.33	0.05	0.2	3.33	0.15 Yes	0.03 Primary Over-Voltage
TSS061	215	'311589209_/_311589206'		0.03	3.33	2.73	0.17	1.5	3.33	0.3 Yes	0.03 Primary Over-Voltage
TSS061	216	'311590712_/_311591469'		0.1	10	10	0.16	5.4	10	0.45 Yes	0.1 Primary Over-Voltage
TSS061	217	'311591344_/_311591341'		0.03	3.33	3.33	0.05	0.4	3.33	0.15 Yes	0.03 Primary Over-Voltage
TSS061	218	'311589863_/_311589869'		0.1	10	8.2	0.51	4.7	10	0.91 Yes	0.1 Primary Over-Voltage
TSS061	219	'311589989_/_311589986'		0.03	3.33	2.73	0.17	0.4	3.33	0.3 Yes	0.03 Primary Over-Voltage
TSS061	220	'311584758_/_311584756'		0.1	10	10	0.02	6.7	10	1.24 Yes	0.02 Thermal Discharging
TSS061	221	'311590713_/_311590710'		0.1	10	10	0.16	5.4	10	0.45 Yes	0.1 Primary Over-Voltage
TSS061	222	'311588783_/_311588796'		0.03	3.33	2.73	0.17	0.4	3.33	0.3 Yes	0.03 Primary Over-Voltage
TSS061	223	'311589975_/_311589973'		0.03	3.33	2.73	0.17	0.4	3.33	0.3 Yes	0.03 Primary Over-Voltage
TSS061	224	'311591154_/_311591151'		0.1	10	10	0.16	5.4	10	0.45 Yes	0.1 Primary Over-Voltage
TSS061	225	'606988059_/_311589145'		0.03	3.33	3.33	0.05	1.3	3.33	0.15 Yes	0.03 Primary Over-Voltage
TSS061	226	'350257901_/_311591496_1'		0.03	3.33	3.33	0.05	0.2	3.33	0.15 Yes	0.03 Primary Over-Voltage
TSS061	227	'311743067_/_311589305_2'		0.03	3.33	3.33	0.05	1.2	3.33	0.15 Yes	0.03 Primary Over-Voltage
TSS061	228	'311584768_/_311584780'		0.1	10	10	0.02	6.7	10	1.24 Yes	0.02 Thermal Discharging
TSS061	229	'311589221_/_311589860'		0.1	10	8.2	0.51	4.7	10	0.91 Yes	0.1 Primary Over-Voltage
TSS061	230	'311589148_/_311591436'		0.1	10	10	0.16	5.4	10	0.45 Yes	0.1 Primary Over-Voltage
TSS061	231	'350253310_/_311589219_1'		0.03	3.33	2.73	0.17	0.4	3.33	0.3 Yes	0.03 Primary Over-Voltage
TSS061	232	'311591188_/_311591496_2'		0.03	3.33	3.33	0.05	0.2	3.33	0.15 Yes	0.03 Primary Over-Voltage
TSS061	233	'311591420_/_311591445'		0.1	10	6.7	0.16	5.4	10	0.44 Yes	0.1 Primary Over-Voltage
TSS061	234	'311588782_/_311588780'		0.03	3.33	2.73	0.17	0.4	3.33	0.3 Yes	0.03 Primary Over-Voltage
TSS061	235	'311584767_/_311584765'		0.1	10	10	0.02	6.7	10	1.24 Yes	0.02 Thermal Discharging
TSS061	236	'311588950_/_311589219_2'		0.03	3.33	2.73	0.17	0.4	3.33	0.3 Yes	0.03 Primary Over-Voltage
TSS061	237	'311590759_/_311590756'		0.03	3.33	3.33	0.17	0.4	3.33	0.3 Yes	0.03 Primary Over-Voltage
TSS061	238	'311591421_/_311591418'		0.1	10	6.2	0.16	5.4	10	0.44 Yes	0.1 Primary Over-Voltage
TSS061	239	'311589819_/_311589845'		0.1	10	8.2	0.51	4.7	10	0.91 Yes	0.1 Primary Over-Voltage
TSS061	240	'311591396_/_311591427'		0.1	10	5.8	0.16	5.4	10	0.44 Yes	0.1 Primary Over-Voltage
TSS061	241	'311584678_/_311584789'		0.1	10	10	0.02	6.7	10	1.24 Yes	0.02 Thermal Discharging
TSS061	242	'718922325_/_718922254_2'		0.03	3.33	2.73	0.17	1.4	3.33	0.3 Yes	0.03 Primary Over-Voltage
TSS061	243	'311591251_/_311591248_2'		0.03	3.33	3.33	0.05	0.2	3.33	0.15 Yes	0.03 Primary Over-Voltage
TSS061	244	'311591397_/_311591394'		0.1	10	5.5	0.16	5.4	10	0.44 Yes	0.1 Primary Over-Voltage
TSS061	245	'311584679_/_311584676'		0.07	6.67	6.67	0.01	3	6.67	0.83 Yes	0.01 Thermal Discharging
TSS061	246	'311589810_/_311589816'		0.1	10	8.2	0.51	4.7	10	0.91 Yes	0.1 Primary Over-Voltage
TSS061	247	'311556291_/_311584798'		0.1	10	10	0.02	6.7	10	1.24 Yes	0.02 Thermal Discharging
TSS061	248	'311591189_/_311591186'		0.03	3.33	3.33	0.05	0.2	3.33	0.15 Yes	0.03 Primary Over-Voltage
TSS061	249	'311591387_/_311591409'		0.1	10	5.3	0.16	5.4	10	0.44 Yes	0.1 Primary Over-Voltage
TSS061	250	'311589780_/_311589807'		0.1	10	8.2	0.51	4.7	10	0.91 Yes	0.1 Primary Over-Voltage
TSS061	251	'311589308_/_311589305_1'		0.03	3.33	3.33	0.05	0.2	3.33	0.15 Yes	0.03 Primary Over-Voltage
TSS061	252	'311588951_/_311588948'		0.03	3.33	2.73	0.17	0.4	3.33	0.3 Yes	0.03 Primary Over-Voltage
TSS061	253	'311588974_/_718922254_1'		0.03	3.33	2.73	0.17	0.4	3.33	0.3 Yes	0.03 Primary Over-Voltage
TSS061	254	'311591372_/_311591385'		0.1	10	5.1	0.16	5.4	10	0.44 Yes	0.1 Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TSS061	255	'311556282_/_311556288'	0.1	10	10	0.02	6.7	10	1.24 Yes	0.02	Thermal Discharging
TSS061	256	'311591373_/_311591370'	0.1	10	4.9	0.16	5.4	10	0.44 Yes	0.1	Primary Over-Voltage
TSS061	257	'311589742_/_311589777'	0.1	10	8.2	0.51	4.7	10	0.91 Yes	0.1	Primary Over-Voltage
TSS061	258	'311589674_/_311611881'	0.1	10	4.8	0.16	5.4	10	0.44 Yes	0.1	Primary Over-Voltage
TSS061	259	'311591202_/_311591199'	0.03	3.33	3.33	0.05	0.2	3.33	0.15 Yes	0.03	Primary Over-Voltage
TSS061	260	'311588963_/_311588960'	0.03	3.33	2.73	0.17	0.4	3.33	0.3 Yes	0.03	Primary Over-Voltage
TSS061	261	'311556273_/_311556279'	0.1	10	10	0.02	6.7	10	1.24 Yes	0.02	Thermal Discharging
TSS061	262	'311589023_/_311589739'	0.1	10	8.2	0.51	4.7	10	0.91 Yes	0.1	Primary Over-Voltage
TSS061	263	'350253358_/_311589021_1'	0.1	10	8.2	0.51	1.5	10	0.91 Yes	0.1	Primary Over-Voltage
TSS061	264	'311588975_/_718922263'	0.03	3.33	2.73	0.17	0.4	3.33	0.3 Yes	0.03	Primary Over-Voltage
TSS061	265	'311590766_/_311590763'	0.03	3.33	3.33	0.17	0.4	3.33	0.3 Yes	0.03	Primary Over-Voltage
TSS061	266	'311589705_/_311589702'	0.1	10	8.2	0.51	4.7	10	0.91 Yes	0.1	Primary Over-Voltage
TSS061	267	'311556258_/_311556270'	0.1	10	10	0.02	6.7	10	1.24 Yes	0.02	Thermal Discharging
TSS061	268	'342455905_/_311589021_2'	0.1	10	8.2	0.51	1.5	10	0.91 Yes	0.1	Primary Over-Voltage
TSS061	269	'311589355_/_311589711'	0.1	10	8.2	0.51	4.7	10	0.91 Yes	0.1	Primary Over-Voltage
TSS061	270	'350253328_/_311589637_1'	0.03	3.33	2.73	0.17	0.4	3.33	0.3 Yes	0.03	Primary Over-Voltage
TSS061	271	'653536833_/_311589637_2'	0.03	3.33	2.73	0.17	0.4	3.33	0.3 Yes	0.03	Primary Over-Voltage
TSS061	272	'311556355_/_311556352'	0.07	6.67	6.67	0.01	2.2	6.67	0.83 Yes	0.01	Thermal Discharging
TSS061	273	'311590871_/_311590868'	0.1	10	4.1	0.16	3	10	0.44 Yes	0.1	Primary Over-Voltage
TSS061	274	'311589024_/_342455909'	0.1	10	8.2	0.51	1.5	10	0.91 Yes	0.1	Primary Over-Voltage
TSS061	275	'311556249_/_311556255'	0.1	10	10	0.02	6.7	10	1.24 Yes	0.02	Thermal Discharging
TSS061	276	'311589640_/_311589637_3'	0.03	3.33	2.73	0.17	0.4	3.33	0.3 Yes	0.03	Primary Over-Voltage
TSS061	277	'311589356_/_311589353'	0.1	10	8.2	0.51	4.7	10	0.91 Yes	0.1	Primary Over-Voltage
TSS061	278	'444866899_/_311589501_1'	0.1	10	8.2	0.51	1.5	10	0.91 Yes	0.1	Primary Over-Voltage
TSS061	279	'311589033_/_311589030'	0.1	10	8.2	0.51	1.5	10	0.91 Yes	0.1	Primary Over-Voltage
TSS061	280	'311556240_/_311556246'	0.1	10	10	0.02	6.7	10	1.24 Yes	0.02	Thermal Discharging
TSS061	281	'311588986_/_718922272'	0.03	3.33	2.73	0.17	0.4	3.33	0.3 Yes	0.03	Primary Over-Voltage
TSS061	282	'311589615_/_311589650'	0.03	3.33	2.73	0.17	0.4	3.33	0.3 Yes	0.03	Primary Over-Voltage
TSS061	283	'311590893_/_311590890'	0.1	10	3.7	0.16	3	10	0.44 Yes	0.1	Primary Over-Voltage
TSS061	284	'311611798_/_311611804'	0.1	10	8.2	0.51	4.7	10	0.91 Yes	0.1	Primary Over-Voltage
TSS061	285	'311556225_/_311556237'	0.1	10	10	0.02	6.7	10	1.24 Yes	0.02	Thermal Discharging
TSS061	286	'311589504_/_311589501_2'	0.1	10	8.2	0.51	1.5	10	0.91 Yes	0.1	Primary Over-Voltage
TSS061	287	'311589590_/_311589613'	0.03	3.33	2.73	0.17	0.4	3.33	0.3 Yes	0.03	Primary Over-Voltage
TSS061	288	'311590779_/_311590776'	0.03	3.33	3.33	0.17	0.4	3.33	0.3 Yes	0.03	Primary Over-Voltage
TSS061	289	'311588987_/_718922281'	0.03	3.33	2.73	0.17	0.4	3.33	0.3 Yes	0.03	Primary Over-Voltage
TSS061	290	'311599978_/_311599975'	0.1	10	8.2	0.51	1.5	10	0.91 Yes	0.1	Primary Over-Voltage
TSS061	291	'311556216_/_311556222'	0.1	10	10	0.02	6.7	10	1.24 Yes	0.02	Thermal Discharging
TSS061	292	'311589591_/_311589588'	0.03	3.33	2.73	0.17	0.4	3.33	0.3 Yes	0.03	Primary Over-Voltage
TSS061	293	'311589494_/_311589510'	0.1	10	8.2	0.51	1.5	10	0.91 Yes	0.1	Primary Over-Voltage
TSS061	294	'311601973_/_311611795'	0.1	10	8.2	0.51	4.7	10	0.91 Yes	0.1	Primary Over-Voltage
TSS061	295	'311589471_/_311589492'	0.1	10	8.2	0.51	1.5	10	0.91 Yes	0.1	Primary Over-Voltage
TSS061	296	'311556215_/_311556213'	0.1	10	10	0.02	6.7	10	1.24 Yes	0.02	Thermal Discharging
TSS061	297	'311599987_/_311599984'	0.1	10	8.2	0.51	1.5	10	0.91 Yes	0.1	Primary Over-Voltage
TSS061	298	'311601972_/_311601970'	0.1	10	8.2	0.51	4.7	10	0.91 Yes	0.1	Primary Over-Voltage
TSS061	299	'311590912_/_311590909'	0.1	10	3.3	0.16	3	10	0.44 Yes	0.1	Primary Over-Voltage
TSS061	300	'311589455_/_311589469'	0.1	10	8.2	0.51	1.5	10	0.91 Yes	0.1	Primary Over-Voltage
TSS061	301	'311556201_/_311556333'	0.1	10	10	0.02	6.7	10	1.24 Yes	0.02	Thermal Discharging
TSS061	302	'311599996_/_311599993'	0.07	6.67	5.47	0.34	1	6.67	0.61 Yes	0.07	Primary Over-Voltage
TSS061	303	'346934385_/_311589453'	0.1	10	8.2	0.51	1.5	10	0.91 Yes	0.1	Primary Over-Voltage
TSS061	304	'311601990_/_311601988'	0.1	10	8.2	0.51	4.7	10	0.91 Yes	0.1	Primary Over-Voltage
TSS061	305	'311600039_/_311600036'	0.1	10	8.2	0.51	1.5	10	0.91 Yes	0.1	Primary Over-Voltage
TSS061	306	'311556192_/_311556198'	0.1	10	10	0.02	6.7	10	1.24 Yes	0.02	Thermal Discharging
TSS061	307	'311556381_/_311556378'	0.07	6.67	6.67	0.01	3.7	6.67	0.83 Yes	0.01	Thermal Discharging
TSS061	308	'311556694_/_311590783'	0.03	3.33	3.33	0.17	0.4	3.33	0.3 Yes	0.03	Primary Over-Voltage
TSS061	309	'311600004_/_311600001'	0.07	6.67	5.47	0.34	1	6.67	0.61 Yes	0.07	Primary Over-Voltage
TSS061	310	'311556183_/_311556189'	0.1	10	10	0.02	6.7	10	1.24 Yes	0.02	Thermal Discharging
TSS061	311	'311589423_/_311589437'	0.1	10	8.2	0.51	1.5	10	0.91 Yes	0.1	Primary Over-Voltage
TSS061	312	'350252774_/_311556440_1'	0.07	6.67	6.67	0.01	0.3	6.67	0.83 Yes	0.01	Thermal Discharging
TSS061	313	'311590934_/_311590931'	0.1	10	3.1	0.16	3	10	0.44 Yes	0.1	Primary Over-Voltage
TSS061	314	'311602017_/_311602015'	0.1	10	8.2	0.51	4.7	10	0.91 Yes	0.1	Primary Over-Voltage
TSS061	315	'345901529_/_345901454_1'	0.03	3.33	2.73	0.17	0.3	3.33	0.3 Yes	0.03	Primary Over-Voltage
TSS061	316	'350257493_/_311602030_1'	0.1	10	8.2	0.51	1.4	10	0.91 Yes	0.1	Primary Over-Voltage
TSS061	317	'311600048_/_311600045'	0.1	10	8.2	0.51	1.5	10	0.91 Yes	0.1	Primary Over-Voltage
TSS061	318	'311556174_/_311556180'	0.1	10	10	0.02	6.7	10	1.24 Yes	0.02	Thermal Discharging
TSS061	319	'311627506_/_311556412_1'	0.07	6.67	6.67	0.01	0.4	6.67	0.83 Yes	0.01	Thermal Discharging
TSS061	320	'311589407_/_311589421'	0.1	10	8.2	0.51	1.5	10	0.91 Yes	0.1	Primary Over-Voltage
TSS061	321	'311602067_/_311602065'	0.1	10	8.2	0.51	4.7	10	0.91 Yes	0.1	Primary Over-Voltage
TSS061	322	'445381437_/_311602089'	0.1	10	8.2	0.51	4.7	10	0.91 Yes	0.1	Primary Over-Voltage
TSS061	323	'311600079_/_311600076'	0.1	10	8.2	0.51	1.5	10	0.91 Yes	0.1	Primary Over-Voltage
TSS061	324	'311600057_/_311600062'	0.07	6.67	5.47	0.34	1	6.67	0.61 Yes	0.07	Primary Over-Voltage
TSS061	325	'311556159_/_311556171'	0.1	10	10	0.02	6.7	10	1.24 Yes	0.02	Thermal Discharging
TSS061	326	'311602033_/_311602030_2'	0.1	10	8.2	0.51	1.4	10	0.91 Yes	0.1	Primary Over-Voltage
TSS061	327	'311556429_/_311556440_2'	0.07	6.67	6.67	0.01	0.3	6.67	0.83 Yes	0.01	Thermal Discharging
TSS061	328	'311590943_/_311590940'	0.1	10	2.8	0.16	3	10	0.44 Yes	0.1	Primary Over-Voltage
TSS061	329	'311556150_/_311556156'	0.1	10	10	0.02	6.7	10	1.24 Yes	0.02	Thermal Discharging
TSS061	330	'311589382_/_311589405'	0.1	10	8.2	0.51	1.5	10	0.91 Yes	0.1	Primary Over-Voltage
TSS061	331	'311600056_/_311600054'	0.07	6.67	5.47	0.34	1	6.67	0.61 Yes	0.07	Primary Over-Voltage
TSS061	332	'445381514_/_445381516'	0.1	10	8.2	0.51	4.7	10	0.91 Yes	0.1	Primary Over-Voltage
TSS061	333	'311556415_/_311556412_2'	0.07	6.67	6.67	0.01	0.4	6.67	0.83 Yes	0.01	Thermal Discharging
TSS061	334	'311598130_/_311600085'	0.1	10	8.2	0.51	1.5	10	0.91 Yes	0.1	Primary Over-Voltage
TSS061	335	'345901435_/_345901454_2'	0.03	3.33	2.73	0.17	0.3	3.33	0.3 Yes	0.03	Primary Over-Voltage
TSS061	336	'311556141_/_311556147'	0.1	10	10	0.02	6.7	10	1.24 Yes	0.02	Thermal Discharging
TSS061	337	'445381559_/_445381561'	0.1	10	8.2	0.51	4.7	10	0.91 Yes	0.1	Primary Over-Voltage
TSS061	338	'345901474_/_345901493'	0.03	3.33	2.73	0.17	0.3	3.33	0.3 Yes	0.03	Primary Over-Voltage
TSS061	339	'311589383_/_311589380'	0.1	10	8.2	0.51	1.5	10	0.91 Yes	0.1	Primary Over-Voltage
TSS061	340	'311556681_/_311556691'	0.03	3.33	3.33	0.17	0.4	3.33	0.3 Yes	0.03	Primary Over-Voltage
TSS061	341	'311556428_/_311556426'	0.07	6.67	6.67	0.01	0.3	6.67	0.83 Yes	0.01	Thermal Discharging
TSS061	342	'311598131_/_311598128'	0.1	10	8.2	0.51	1.5	10	0.91 Yes	0.1	Primary Over-Voltage
TSS061	343	'311777660_/_311598437_1'	0.1	10	8.2	0.51	0.9	10	0.91 Yes	0.1	Primary Over-Voltage
TSS061	344	'311556829_/_311589671'	0.1	10	8.2	0.51	1.5	10	0.91 Yes	0.1	Primary Over-Voltage
TSS061	345	'311556126_/_311556138'	0.1	10	10	0.02	6.7	10	1.24 Yes	0.02	Thermal Discharging
TSS061	346	'343598902_/_343598904'	0.1	10	8.2	0.51	4.7	10	0.91 Yes	0.1	Primary Over-Voltage
TSS061	347	'311556828_/_311556826'	0.1	10	8.2	0.51	1.5	10	0.91 Yes	0.1	Primary Over-Voltage
TSS061	348	'311590969_/_311590966'	0.1	10	2.6	0.16	3	10	0.44 Yes	0.1	Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TSS061	349	'311598440_/_311598437_2'	0.1	10	8.2	0.51	0.9	10	0.91 Yes	0.1	Primary Over-Voltage
TSS061	350	'311556117_/_311556123'	0.1	10	10	0.02	6.7	10	1.24 Yes	0.02	Thermal Discharging
TSS061	351	'311601771_/_311602080'	0.1	10	8.2	0.51	4.7	10	0.91 Yes	0.1	Primary Over-Voltage
TSS061	352	'350257513_/_311601768_1'	0.03	3.33	2.73	0.17	0.5	3.33	0.3 Yes	0.03	Primary Over-Voltage
TSS061	353	'311556108_/_311556114'	0.1	10	8.2	0.02	6.7	10	1.24 Yes	0.02	Thermal Discharging
TSS061	354	'311602100_/_311602098'	0.1	10	8.2	0.51	4.6	10	0.91 Yes	0.1	Primary Over-Voltage
TSS061	355	'311560946_/_311590975'	0.1	10	2.5	0.16	3	10	0.44 Yes	0.1	Primary Over-Voltage
TSS061	356	'311556093_/_311556105'	0.1	10	8.2	0.02	6.7	10	1.24 Yes	0.02	Thermal Discharging
TSS061	357	'311556838_/_311556835'	0.1	10	8.2	0.51	1.5	10	0.91 Yes	0.1	Primary Over-Voltage
TSS061	358	'311601764_/_311601768_2'	0.03	3.33	2.73	0.17	0.5	3.33	0.3 Yes	0.03	Primary Over-Voltage
TSS061	359	'311602119_/_311602117'	0.1	10	8.2	0.51	4.6	10	0.91 Yes	0.1	Primary Over-Voltage
TSS061	360	'311556674_/_311556678'	0.03	3.33	3.33	0.17	0.4	3.33	0.3 Yes	0.03	Primary Over-Voltage
TSS061	361	'311556084_/_311556090'	0.1	10	8.2	0.02	6.7	9.87	1.24 Yes	0.02	Thermal Discharging
TSS061	362	'311602128_/_311602126'	0.1	10	8.2	0.51	4.6	10	0.91 Yes	0.1	Primary Over-Voltage
TSS061	363	'311560937_/_311560943'	0.1	10	2.4	0.16	3	10	0.44 Yes	0.1	Primary Over-Voltage
TSS061	364	'311556075_/_311556081'	0.1	10	8.2	0.02	6.7	9.74	1.24 Yes	0.02	Thermal Discharging
TSS061	365	'311556795_/_311556850'	0.1	10	8.2	0.51	1.5	10	0.91 Yes	0.1	Primary Over-Voltage
TSS061	366	'311556060_/_311556072'	0.1	10	8.2	0.02	6.7	9.61	1.24 Yes	0.02	Thermal Discharging
TSS061	367	'568525954_/_311602182_1'	0.1	10	8.2	0.51	0.9	10	0.91 Yes	0.1	Primary Over-Voltage
TSS061	368	'311602152_/_311602158'	0.1	10	8.2	0.51	4.6	9.92	0.91 Yes	0.1	Primary Over-Voltage
TSS061	369	'311556776_/_311556773'	0.03	3.33	3.33	0.17	0.4	3.28	0.3 Yes	0.03	Primary Over-Voltage
TSS061	370	'311602185_/_311602182_2'	0.1	10	8.2	0.51	0.9	9.95	0.91 Yes	0.1	Primary Over-Voltage
TSS061	371	'311556051_/_311556057'	0.1	10	8.2	0.02	6.7	9.49	1.24 Yes	0.02	Thermal Discharging
TSS061	372	'311560928_/_311560934'	0.1	10	2.2	0.16	3	9.78	0.44 Yes	0.1	Primary Over-Voltage
TSS061	373	'311556042_/_311556048'	0.1	10	8.2	0.02	6.7	9.38	1.24 Yes	0.02	Thermal Discharging
TSS061	374	'553074416_/_311611840_2'	3.33	2.87	1.73	0.17	0.3	2.87	0.3 Yes	0.17	Thermal Discharging
TSS061	375	'311602200_/_311602197'	0.1	10	8.2	0.51	0.9	9.77	0.91 Yes	0.1	Primary Over-Voltage
TSS061	376	'311602151_/_311602149'	0.1	10	8.2	0.51	4.6	9.68	0.91 Yes	0.1	Primary Over-Voltage
TSS061	377	'311556783_/_311556780'	0.03	3.33	3.33	0.17	0.4	3.19	0.3 Yes	0.03	Primary Over-Voltage
TSS061	378	'311611471_/_311611495'	0.1	10	8.2	0.51	4.6	9.6	0.91 Yes	0.1	Primary Over-Voltage
TSS061	379	'311556796_/_311556793'	0.03	3.33	2.73	0.17	0.5	3.2	0.3 Yes	0.03	Primary Over-Voltage
TSS061	380	'311556027_/_311556039'	0.1	10	8.2	0.02	6.7	9.26	1.24 Yes	0.02	Thermal Discharging
TSS061	381	'311602169_/_311602215'	0.1	10	8.2	0.51	0.9	9.57	0.91 Yes	0.1	Primary Over-Voltage
TSS061	382	'311611462_/_311611468'	0.1	10	8.2	0.51	4.6	9.49	0.91 Yes	0.1	Primary Over-Voltage
TSS061	383	'311602170_/_311602167'	0.1	10	8.2	0.51	0.9	9.53	0.91 Yes	0.1	Primary Over-Voltage
TSS061	384	'311556018_/_311556024'	0.1	10	8.2	0.02	6.7	9.15	1.24 Yes	0.02	Thermal Discharging
TSS061	385	'311560919_/_311560925'	0.1	10	2.1	0.16	3	9.47	0.44 Yes	0.1	Primary Over-Voltage
TSS061	386	'311611461_/_311611459'	0.1	10	8.2	0.51	4.6	9.4	0.91 Yes	0.1	Primary Over-Voltage
TSS061	387	'311556809_/_311556806'	0.03	3.33	2.73	0.17	0.5	3.12	0.3 Yes	0.03	Primary Over-Voltage
TSS061	388	'311556009_/_311556015'	0.1	10	8.2	0.02	6.7	9.04	1.24 Yes	0.02	Thermal Discharging
TSS061	389	'311591945_/_311611840_1'	3.33	2.87	1.73	0.17	0.3	2.78	0.3 Yes	0.17	Thermal Discharging
TSS061	390	'311555994_/_311556006'	0.1	10	8.2	0.02	6.7	8.93	1.24 Yes	0.02	Thermal Discharging
TSS061	391	'311611757_/_311611763'	0.1	10	8.2	0.51	4.6	9.24	0.91 Yes	0.1	Primary Over-Voltage
TSS061	392	'311556822_/_311556819'	0.03	3.33	2.73	0.17	0.5	3.05	0.3 Yes	0.03	Primary Over-Voltage
TSS061	393	'311607719_/_311611754'	0.1	10	8.2	0.51	4.6	9.18	0.91 Yes	0.1	Primary Over-Voltage
TSS061	394	'311555985_/_311555991'	0.1	10	8.2	0.02	6.7	8.82	1.24 Yes	0.02	Thermal Discharging
TSS061	395	'311560910_/_311560916'	0.1	8.8	2	0.16	3	9.17	0.43 Yes	0.1	Primary Over-Voltage
TSS061	396	'311607718_/_311607716'	0.1	10	8.2	0.51	4.6	9.08	0.91 Yes	0.1	Primary Over-Voltage
TSS061	397	'311555976_/_311555982'	0.1	10	8.2	0.02	6.7	8.72	1.24 Yes	0.02	Thermal Discharging
TSS061	398	'311607733_/_311607731'	0.1	10	8.2	0.51	4.6	8.98	0.91 Yes	0.1	Primary Over-Voltage
TSS061	399	'311555961_/_311555973'	0.1	10	8.2	0.02	6.7	8.62	1.24 Yes	0.02	Thermal Discharging
TSS061	400	'311560901_/_311560907'	0.1	7.9	1.9	0.16	3	8.9	0.43 Yes	0.1	Primary Over-Voltage
TSS061	401	'311555952_/_311555958'	0.1	10	8.2	0.02	6.7	8.52	1.24 Yes	0.02	Thermal Discharging
TSS061	402	'311607696_/_311607773'	0.1	10	8.2	0.51	4.6	8.83	0.91 Yes	0.1	Primary Over-Voltage
TSS061	403	'311801539_/_311607694_1'	0.1	10	8.2	0.51	1.4	8.79	0.91 Yes	0.1	Primary Over-Voltage
TSS061	404	'311598122_/_311607694_2'	0.1	10	8.2	0.51	1.4	8.77	0.91 Yes	0.1	Primary Over-Voltage
TSS061	405	'311555937_/_311555949'	0.1	10	8.2	0.02	6.7	8.42	1.24 Yes	0.02	Thermal Discharging
TSS061	406	'311607791_/_311607788'	0.1	10	8.2	0.51	3.3	8.71	0.91 Yes	0.1	Primary Over-Voltage
TSS061	407	'311555928_/_311555934'	0.1	10	8.2	0.02	6.7	8.32	1.24 Yes	0.02	Thermal Discharging
TSS061	408	'311598121_/_311598119'	0.1	10	8.2	0.51	1.4	8.59	0.91 Yes	0.1	Primary Over-Voltage
TSS061	409	'311607818_/_311607815'	0.1	9.8	8.2	0.51	3.3	8.61	0.91 Yes	0.1	Primary Over-Voltage
TSS061	410	'311560892_/_311560898'	0.1	7.2	1.8	0.16	3	8.63	0.43 Yes	0.1	Primary Over-Voltage
TSS061	411	'311601748_/_311601761'	0.03	3.33	2.73	0.17	0.5	2.84	0.3 Yes	0.03	Primary Over-Voltage
TSS061	412	'311555919_/_311555925'	0.1	10	8.2	0.02	6.7	8.23	1.24 Yes	0.02	Thermal Discharging
TSS061	413	'311598822_/_311598820'	0.1	9.5	8.2	0.51	1.4	8.5	0.91 Yes	0.1	Primary Over-Voltage
TSS061	414	'311607851_/_311607848'	0.1	9.3	8.2	0.51	3.3	8.5	0.91 Yes	0.1	Primary Over-Voltage
TSS061	415	'311591946_/_311591943'	3.33	2.87	1.73	0.17	0.3	2.55	0.3 Yes	0.17	Thermal Discharging
TSS061	416	'311555918_/_311555916'	0.1	10	8.2	0.02	6.7	8.14	1.24 Yes	0.02	Thermal Discharging
TSS061	417	'311598832_/_311598838'	0.1	9.1	8.2	0.51	1.4	8.41	0.91 Yes	0.1	Primary Over-Voltage
TSS061	418	'311601714_/_311601745'	0.03	3.33	2.73	0.17	0.5	2.79	0.3 Yes	0.03	Primary Over-Voltage
TSS061	419	'311607661_/_311607863'	0.1	8.8	8.2	0.51	3.3	8.39	0.91 Yes	0.1	Primary Over-Voltage
TSS061	420	'663033713_/_311607878_1'	0.03	2.93	2.73	0.17	0.3	2.78	0.3 Yes	0.03	Primary Over-Voltage
TSS061	421	'311555910_/_311556318'	0.1	10	8.2	0.02	6.7	8.05	1.24 Yes	0.02	Thermal Discharging
TSS061	422	'350514524_/_311607658_2'	0.1	8.7	8.2	0.51	3.3	8.36	0.91 Yes	0.1	Primary Over-Voltage
TSS061	423	'311560883_/_311560889'	0.1	6.7	1.7	0.16	3	8.38	0.43 Yes	0.1	Primary Over-Voltage
TSS061	424	'311598831_/_311598829'	0.1	8.7	8.2	0.51	1.4	8.31	0.91 Yes	0.1	Primary Over-Voltage
TSS061	425	'311607652_/_311607658_1'	0.1	8.5	8.2	0.51	1.6	8.3	0.91 Yes	0.1	Primary Over-Voltage
TSS061	426	'311601707_/_311601711'	0.03	3.2	2.73	0.17	0.5	2.75	0.3 Yes	0.03	Primary Over-Voltage
TSS061	427	'311555901_/_311555907'	0.1	10	8.2	0.02	6.7	7.97	1.24 Yes	0.02	Thermal Discharging
TSS061	428	'311607881_/_311607878_2'	0.03	2.83	2.73	0.17	0.3	2.74	0.3 Yes	0.03	Primary Over-Voltage
TSS061	429	'311607643_/_311607649'	0.1	8.2	8.2	0.51	1.6	8.22	0.91 Yes	0.1	Primary Over-Voltage
TSS061	430	'311598903_/_311598901'	0.1	8.4	8.2	0.51	1.4	8.2	0.91 Yes	0.1	Primary Over-Voltage
TSS061	431	'311555886_/_311555898'	0.1	10	8.2	0.02	6.7	7.88	1.24 Yes	0.02	Thermal Discharging
TSS061	432	'311607634_/_311607640'	0.1	8	8.2	0.51	1.6	8.15	0.91 Yes	0.1	Primary Over-Voltage
TSS061	433	'343598975_/_343598977'	0.03	3	2.4	0.17	0.5	2.7	0.3 Yes	0.03	Primary Over-Voltage
TSS061	434	'311607921_/_311607918'	0.03	2.7	2.73	0.17	0.3	2.7	0.3 Yes	0.03	Primary Over-Voltage
TSS061	435	'311598931_/_311598937'	0.1	8.1	8.2	0.51	1.4	8.09	0.91 Yes	0.1	Primary Over-Voltage
TSS061	436	'311555877_/_311555883'	0.1	10	8.2	0.02	6.7	7.8	1.24 Yes	0.02	Thermal Discharging
TSS061	437	'311560874_/_311560880'	0.1	6.3	1.6	0.16	3	8.15	0.43 Yes	0.1	Primary Over-Voltage
TSS061	438	'311601478_/_311601704'	0.03	2.9	2.4	0.17	0.5	2.67	0.3 Yes	0.03	Primary Over-Voltage
TSS061	439	'311607453_/_311607631'	0.1	7.8	8.2	0.51	1.6	8.07	0.91 Yes	0.1	Primary Over-Voltage
TSS061	440	'567330484_/_311601605_1'	0.03	2.9	2.4	0.17	0.3	2.67	0.3 Yes	0.03	Primary Over-Voltage
TSS061	441	'567330496_/_311601646_1'	0.03	2.9	2.4	0.17	0.3	2.67	0.3 Yes	0.03	Primary Over-Voltage
TSS061	442	'350514516_/_311607486_1'	0.03	2.6	2.73	0.17	0.1	2.68	0.3 Yes	0.03	Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TSS061	443	'341317387_/_311607534_2'		0.03	2.6	2.73	0.17	0.53	2.67	0.3 Yes	0.03 Primary Over-Voltage
TSS061	444	'311555868_/_311555874'		0.1	10	8.2	0.02	6.7	7.72	1.24 Yes	0.02 Thermal Discharging
TSS061	445	'311598113_/_311598928'		0.1	7.8	8.2	0.51	1.4	8	0.91 Yes	0.1 Primary Over-Voltage
TSS061	446	'311607928_/_311607925'		0.03	2.6	2.73	0.17	0.3	2.66	0.3 Yes	0.03 Primary Over-Voltage
TSS061	447	'311607390_/_311607450'		0.1	7.5	8.2	0.51	1.6	7.96	0.91 Yes	0.1 Primary Over-Voltage
TSS061	448	'311607530_/_311607534_1'		0.03	2.53	2.73	0.17	0.1	2.64	0.3 Yes	0.03 Primary Over-Voltage
TSS061	449	'311601636_/_311601646_2'		0.03	2.8	2.4	0.17	0.3	2.63	0.3 Yes	0.03 Primary Over-Voltage
TSS061	450	'501020045_/_501020042'		0.03	2.57	2.73	0.17	0.3	2.64	0.3 Yes	0.03 Primary Over-Voltage
TSS061	451	'311601477_/_311601475'		0.03	2.77	2.4	0.17	0.5	2.63	0.3 Yes	0.03 Primary Over-Voltage
TSS061	452	'311555853_/_311555865'		0.1	10	8.2	0.02	6.7	7.64	1.24 Yes	0.02 Thermal Discharging
TSS061	453	'311607489_/_311607486_2'		0.03	2.53	2.73	0.17	0.1	2.64	0.3 Yes	0.03 Primary Over-Voltage
TSS061	454	'311601608_/_311601605_2'		0.03	2.77	2.4	0.17	0.3	2.62	0.3 Yes	0.03 Primary Over-Voltage
TSS061	455	'311598112_/_311598110'		0.1	7.6	8.2	0.51	1.4	7.9	0.91 Yes	0.1 Primary Over-Voltage
TSS061	456	'311560865_/_311560871'		0.1	5.9	1.6	0.16	3	7.92	0.43 Yes	0.1 Primary Over-Voltage
TSS061	457	'311555844_/_311555850'		0.1	10	8.2	0.02	6.7	7.56	1.24 Yes	0.02 Thermal Discharging
TSS061	458	'311607529_/_311607527'		0.03	2.47	2.73	0.17	0.1	2.61	0.3 Yes	0.03 Primary Over-Voltage
TSS061	459	'311607315_/_311607387'		0.1	7.3	8.2	0.51	1.6	7.86	0.91 Yes	0.1 Primary Over-Voltage
TSS061	460	'311601635_/_311601633'		0.03	2.7	2.4	0.17	0.3	2.6	0.3 Yes	0.03 Primary Over-Voltage
TSS061	461	'311601615_/_311601612'		0.03	2.7	2.4	0.17	0.3	2.6	0.3 Yes	0.03 Primary Over-Voltage
TSS061	462	'311607502_/_311607499'		0.03	2.43	2.4	0.17	0.1	2.6	0.3 Yes	0.03 Primary Over-Voltage
TSS061	463	'311601471_/_311601589'		0.03	2.67	2.4	0.17	0.5	2.59	0.3 Yes	0.03 Primary Over-Voltage
TSS061	464	'311598976_/_311598973'		0.1	7.3	8.2	0.51	1.4	7.78	0.91 Yes	0.1 Primary Over-Voltage
TSS061	465	'311555835_/_311555841'		0.1	10	8.2	0.02	6.7	7.49	1.24 Yes	0.02 Thermal Discharging
TSS061	466	'311607216_/_311607312'		0.1	7.1	8.2	0.51	1.6	7.75	0.91 Yes	0.1 Primary Over-Voltage
TSS061	467	'311802475_/_311607349_1'		0.03	2.33	2.4	0.17	0.3	2.57	0.3 Yes	0.03 Primary Over-Voltage
TSS061	468	'350514488_/_311607213_2'		0.03	2.33	2.4	0.17	0.53	2.57	0.3 Yes	0.03 Primary Over-Voltage
TSS061	469	'311598985_/_311598982'		0.1	7.1	7.2	0.51	1.4	7.7	0.91 Yes	0.1 Primary Over-Voltage
TSS061	470	'311555820_/_311555832'		0.1	10	8.2	0.02	6.7	7.41	1.24 Yes	0.02 Thermal Discharging
TSS061	471	'682415981_/_682415919_1'		0.1	10	8.2	0.02	0.9	7.41	1.24 Yes	0.02 Thermal Discharging
TSS061	472	'682416009_/_682415919_2'		0.1	10	8.2	0.02	0.9	7.4	1.24 Yes	0.02 Thermal Discharging
TSS061	473	'311601621_/_311601626'		0.03	2.57	2.4	0.17	0.3	2.55	0.3 Yes	0.03 Primary Over-Voltage
TSS061	474	'682415922_/_682415919_3'		0.1	10	8.2	0.02	0.9	7.4	1.24 Yes	0.02 Thermal Discharging
TSS061	475	'682416028_/_682415937_1'		0.1	10	8.2	0.02	0.9	7.39	1.24 Yes	0.02 Thermal Discharging
TSS061	476	'682415940_/_682415937_2'		0.1	10	8.2	0.02	0.9	7.39	1.24 Yes	0.02 Thermal Discharging
TSS061	477	'682416059_/_682415955_1'		0.1	10	8.2	0.02	0.9	7.39	1.24 Yes	0.02 Thermal Discharging
TSS061	478	'682415958_/_682415955_2'		0.1	10	8.2	0.02	0.9	7.38	1.24 Yes	0.02 Thermal Discharging
TSS061	479	'311601464_/_311601468'		0.03	2.57	2.4	0.17	0.5	2.54	0.3 Yes	0.03 Primary Over-Voltage
TSS061	480	'311607276_/_311607303'		0.1	6.9	7.2	0.51	1.6	7.67	0.91 Yes	0.1 Primary Over-Voltage
TSS061	481	'311560856_/_311560862'		0.1	5.6	1.5	0.16	3	7.71	0.43 Yes	0.1 Primary Over-Voltage
TSS061	482	'311599003_/_311599000'		0.1	7	7.2	0.51	1.4	7.63	0.91 Yes	0.1 Primary Over-Voltage
TSS061	483	'311607352_/_311607349_2'		0.03	2.3	2.4	0.17	0.3	2.54	0.3 Yes	0.03 Primary Over-Voltage
TSS061	484	'311555811_/_311555817'		0.1	10	8.2	0.02	6.7	7.34	1.24 Yes	0.02 Thermal Discharging
TSS061	485	'311598993_/_311598991'		0.1	7	7.2	0.51	1.4	7.6	0.91 Yes	0.1 Primary Over-Voltage
TSS061	486	'311607209_/_311607213_1'		0.03	2.27	2.4	0.17	0.3	2.53	0.3 Yes	0.03 Primary Over-Voltage
TSS061	487	'311607255_/_311607273'		0.1	6.7	7.2	0.51	1.6	7.6	0.91 Yes	0.1 Primary Over-Voltage
TSS061	488	'311607365_/_311607362'		0.03	2.27	2.4	0.17	0.3	2.51	0.3 Yes	0.03 Primary Over-Voltage
TSS061	489	'311555802_/_311555808'		0.1	10	7.2	0.02	6.7	7.27	1.24 Yes	0.02 Thermal Discharging
TSS061	490	'311607229_/_311607252'		0.1	6.7	7.2	0.51	1.6	7.56	0.91 Yes	0.1 Primary Over-Voltage
TSS061	491	'311601539_/_311601619'		0.03	2.47	2.4	0.17	0.3	2.5	0.3 Yes	0.03 Primary Over-Voltage
TSS061	492	'311601437_/_311601461'		0.03	2.47	2.4	0.17	0.5	2.5	0.3 Yes	0.03 Primary Over-Voltage
TSS061	493	'311602439_/_311602437'		3.33	2.87	1.73	0.17	0.3	2.29	0.3 Yes	0.17 Thermal Discharging
TSS061	494	'311599076_/_311599080'		0.03	2.27	2.4	0.17	0.47	2.49	0.3 Yes	0.03 Primary Over-Voltage
TSS061	495	'311555787_/_311555799'		0.1	10	7.2	0.02	6.7	7.2	1.24 Yes	0.02 Thermal Discharging
TSS061	496	'311607208_/_311607206'		0.03	2.2	2.4	0.17	0.3	2.49	0.3 Yes	0.03 Primary Over-Voltage
TSS061	497	'311601403_/_311601434'		0.03	2.4	2.4	0.17	0.5	2.47	0.3 Yes	0.03 Primary Over-Voltage
TSS061	498	'311560847_/_311560853'		0.1	5.3	1.4	0.16	3	7.51	0.43 Yes	0.1 Primary Over-Voltage
TSS061	499	'311606913_/_311607226'		0.1	6.5	7.2	0.51	1.6	7.46	0.91 Yes	0.1 Primary Over-Voltage
TSS061	500	'311602831_/_311602828'		3.33	2.87	1.73	0.17	0.3	2.28	0.3 Yes	0.17 Thermal Discharging
TSS061	501	'311599075_/_311599073'		0.03	2.23	2.4	0.17	0.47	2.47	0.3 Yes	0.03 Primary Over-Voltage
TSS061	502	'311555778_/_311555784'		0.1	10	7.2	0.02	6.7	7.13	1.24 Yes	0.02 Thermal Discharging
TSS061	503	'311606811_/_311606910'		0.1	6.4	7.2	0.51	1.6	7.4	0.91 Yes	0.1 Primary Over-Voltage
TSS061	504	'311601381_/_311601400'		0.03	2.33	2.4	0.17	0.5	2.44	0.3 Yes	0.03 Primary Over-Voltage
TSS061	505	'311601540_/_311601537'		0.03	2.33	2.4	0.17	0.3	2.44	0.3 Yes	0.03 Primary Over-Voltage
TSS061	506	'311555769_/_311555775'		0.1	10	7.2	0.02	6.7	7.06	1.24 Yes	0.02 Thermal Discharging
TSS061	507	'311606824_/_311606836'		0.1	6.2	7.2	0.51	1.6	7.3	0.91 Yes	0.1 Primary Over-Voltage
TSS061	508	'311606804_/_311606808'		0.03	2.07	2.4	0.17	0.53	2.43	0.3 Yes	0.03 Primary Over-Voltage
TSS061	509	'311601374_/_311601378'		0.03	2.3	2.4	0.17	0.5	2.41	0.3 Yes	0.03 Primary Over-Voltage
TSS061	510	'311556469_/_311556466'		0.07	6.67	4.8	0.01	3	4.67	0.83 Yes	0.01 Thermal Discharging
TSS061	511	'311555754_/_311555766'		0.1	10	7.2	0.02	6.7	6.99	1.24 Yes	0.02 Thermal Discharging
TSS061	512	'311560838_/_311560844'		0.1	5.1	1.4	0.16	3	7.31	0.43 Yes	0.1 Primary Over-Voltage
TSS061	513	'311606874_/_311606871'		0.1	6.1	7.2	0.51	1.6	7.26	0.91 Yes	0.1 Primary Over-Voltage
TSS061	514	'311606803_/_311606801'		0.03	2.03	2.4	0.17	0.53	2.4	0.3 Yes	0.03 Primary Over-Voltage
TSS061	515	'311611816_/_311611813'		0.03	2.23	2.4	0.17	0.5	2.39	0.3 Yes	0.03 Primary Over-Voltage
TSS061	516	'311604742_/_311606821'		0.1	6.1	7.2	0.51	1.6	7.21	0.91 Yes	0.1 Primary Over-Voltage
TSS061	517	'311555745_/_311555751'		0.1	10	7.2	0.02	6.7	6.93	1.24 Yes	0.02 Thermal Discharging
TSS061	518	'311556477_/_311556474'		0.07	6.67	4.8	0.01	3	4.58	0.83 Yes	0.01 Thermal Discharging
TSS061	519	'311555736_/_311555742'		0.1	10	7.2	0.02	6.7	6.86	1.24 Yes	0.02 Thermal Discharging
TSS061	520	'311601373_/_311601371'		0.03	2.2	2.4	0.17	0.5	2.36	0.3 Yes	0.03 Primary Over-Voltage
TSS061	521	'311611823_/_311611820'		0.03	2.2	2.4	0.17	0.5	2.36	0.3 Yes	0.03 Primary Over-Voltage
TSS061	522	'311606938_/_311606935'		0.1	5.9	7.2	0.51	1.6	7.14	0.91 Yes	0.1 Primary Over-Voltage
TSS061	523	'311604743_/_311604740'		0.1	6	7.2	0.51	1.6	7.12	0.91 Yes	0.1 Primary Over-Voltage
TSS061	524	'311591895_/_311591950'		0.73	2.87	1.73	0.17	0.3	2.18	0.3 Yes	0.17 Thermal Discharging
TSS061	525	'311558418_/_311560835'		0.1	4.8	1.3	0.16	3	7.13	0.43 Yes	0.1 Primary Over-Voltage
TSS061	526	'311555721_/_311555733'		0.1	10	7.2	0.02	6.7	6.8	1.24 Yes	0.02 Thermal Discharging
TSS061	527	'311604752_/_311604749'		0.1	5.8	7.2	0.51	1.6	7.05	0.91 Yes	0.1 Primary Over-Voltage
TSS061	528	'444374986_/_311604838_1'		0.1	5.8	7.2	0.51	0.9	7.04	0.91 Yes	0.1 Primary Over-Voltage
TSS061	529	'311606956_/_311606953'		0.1	5.8	7.2	0.51	1.6	7.06	0.91 Yes	0.1 Primary Over-Voltage
TSS061	530	'311601350_/_311611827'		0.03	2.13	2.4	0.17	0.5	2.33	0.3 Yes	0.03 Primary Over-Voltage
TSS061	531	'350257571_/_311601348_1'		0.03	2.13	2.4	0.17	0.3	2.32	0.3 Yes	0.03 Primary Over-Voltage
TSS061	532	'311555712_/_311555718'		0.1	10	7.2	0.02	6.7	6.74	1.24 Yes	0.02 Thermal Discharging
TSS061	533	'311605142_/_311605139'		0.03	1.93	2.4	0.17	0.53	2.33	0.3 Yes	0.03 Primary Over-Voltage
TSS061	534	'311604767_/_311604764'		0.03	1.93	2.4	0.17	0.53	2.33	0.3 Yes	0.03 Primary Over-Voltage
TSS061	535	'311604841_/_311604838_2'		0.1	5.7	7.2	0.51	0.9	6.97	0.91 Yes	0.1 Primary Over-Voltage
TSS061	536	'311555703_/_311555709'		0.1	10	7.2	0.02	6.7	6.68	1.24 Yes	0.02 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TSS061	537	'311558412_/_311558416'	0.03	1.63	0.43	0.05	0.9	2.31	0.14 Yes	0.03	Primary Over-Voltage
TSS061	538	'311606965_/_311606962'	0.1	5.6	7.2	0.51	1.6	6.94	0.91 Yes	0.1	Primary Over-Voltage
TSS061	539	'311604780_/_311604777'	0.03	1.9	2.4	0.17	0.53	2.3	0.3 Yes	0.03	Primary Over-Voltage
TSS061	540	'311605149_/_311605146'	0.03	1.9	2.4	0.17	0.53	2.3	0.3 Yes	0.03	Primary Over-Voltage
TSS061	541	'311604856_/_311604853'	0.1	5.6	7.2	0.51	0.9	6.88	0.91 Yes	0.1	Primary Over-Voltage
TSS061	542	'311555688_/_311555700'	0.1	10	7.2	0.02	6.7	6.62	1.24 Yes	0.02	Thermal Discharging
TSS061	543	'311601351_/_311601348_2'	0.03	2.07	2.4	0.17	0.3	2.28	0.3 Yes	0.03	Primary Over-Voltage
TSS061	544	'311607009_/_311607006'	0.1	5.6	7.2	0.51	1.6	6.89	0.91 Yes	0.1	Primary Over-Voltage
TSS061	545	'311560787_/_311560820'	0.1	4.6	1.3	0.16	3	6.92	0.43 Yes	0.1	Primary Over-Voltage
TSS061	546	'311605009_/_311605006'	0.03	1.87	2.4	0.17	0.3	2.28	0.3 Yes	0.03	Primary Over-Voltage
TSS061	547	'311604865_/_311604862'	0.1	5.5	7.2	0.51	0.9	6.83	0.91 Yes	0.1	Primary Over-Voltage
TSS061	548	'311555679_/_311555685'	0.1	10	7.2	0.02	6.7	6.55	1.24 Yes	0.02	Thermal Discharging
TSS061	549	'311605162_/_311605159'	0.03	1.87	2.4	0.17	0.53	2.27	0.3 Yes	0.03	Primary Over-Voltage
TSS061	550	'311607036_/_311607033'	0.1	5.5	7.2	0.51	1.6	6.82	0.91 Yes	0.1	Primary Over-Voltage
TSS061	551	'311604874_/_311604871'	0.1	5.4	7.2	0.51	0.9	6.76	0.91 Yes	0.1	Primary Over-Voltage
TSS061	552	'311605016_/_311605013'	0.03	1.83	2.4	0.17	0.3	2.25	0.3 Yes	0.03	Primary Over-Voltage
TSS061	553	'311555670_/_311555676'	0.1	10	7.2	0.02	6.7	6.49	1.24 Yes	0.02	Thermal Discharging
TSS061	554	'311611578_/_311611575'	0.03	2	2.4	0.17	0.3	2.23	0.3 Yes	0.03	Primary Over-Voltage
TSS061	555	'311558405_/_311558409'	0.03	1.63	0.43	0.05	0.9	2.24	0.14 Yes	0.03	Primary Over-Voltage
TSS061	556	'311607071_/_311607068'	0.1	5.3	7.2	0.51	1.6	6.73	0.91 Yes	0.1	Primary Over-Voltage
TSS061	557	'311560786_/_311560784'	0.1	4.4	1.2	0.16	3	6.77	0.43 Yes	0.1	Primary Over-Voltage
TSS061	558	'311607096_/_311607093'	0.03	1.77	2.4	0.17	0.53	2.23	0.3 Yes	0.03	Primary Over-Voltage
TSS061	559	'311555655_/_311555667'	0.1	10	7.2	0.02	6.7	6.43	1.24 Yes	0.02	Thermal Discharging
TSS061	560	'311605029_/_311605026'	0.03	1.77	2.4	0.17	0.3	2.22	0.3 Yes	0.03	Primary Over-Voltage
TSS061	561	'311604889_/_311604886'	0.1	5.3	7.2	0.51	0.9	6.64	0.91 Yes	0.1	Primary Over-Voltage
TSS061	562	'651869979_/_311605209_2'	0.03	1.77	2.4	0.17	0.3	2.21	0.3 Yes	0.03	Primary Over-Voltage
TSS061	563	'311555646_/_311555652'	0.1	10	7.2	0.02	6.7	6.37	1.24 Yes	0.02	Thermal Discharging
TSS061	564	'311607115_/_311607112'	0.03	1.73	2.4	0.17	0.53	2.2	0.3 Yes	0.03	Primary Over-Voltage
TSS061	565	'311608041_/_311608038'	0.1	5.2	7.2	0.51	1.6	6.6	0.91 Yes	0.1	Primary Over-Voltage
TSS061	566	'311605036_/_311605033'	0.03	1.77	2.4	0.17	0.3	2.19	0.3 Yes	0.03	Primary Over-Voltage
TSS061	567	'311801841_/_311608053_1'	0.1	5.2	7.2	0.51	0.9	6.57	0.91 Yes	0.1	Primary Over-Voltage
TSS061	568	'311604898_/_311604895'	0.1	5.2	7.2	0.51	0.9	6.57	0.91 Yes	0.1	Primary Over-Voltage
TSS061	569	'311555637_/_311555643'	0.1	10	7.2	0.02	6.7	6.31	1.24 Yes	0.02	Thermal Discharging
TSS061	570	'311560795_/_311560793'	0.1	4.3	1.2	0.16	3	6.62	0.43 Yes	0.1	Primary Over-Voltage
TSS061	571	'311611598_/_311611595'	0.03	1.9	2.4	0.17	0.3	2.17	0.3 Yes	0.03	Primary Over-Voltage
TSS061	572	'311608101_/_311608098_1'	0.1	5.1	7.2	0.51	1.6	6.55	0.91 Yes	0.1	Primary Over-Voltage
TSS061	573	'311592583_/_311605209_1'	0.03	1.73	2.4	0.17	0.3	2.18	0.3 Yes	0.03	Primary Over-Voltage
TSS061	574	'350513915_/_311608141_1'	0.1	5.1	7.2	0.51	0.9	6.54	0.91 Yes	0.1	Primary Over-Voltage
TSS061	575	'311558392_/_311558402'	0.03	1.63	0.43	0.05	0.9	2.17	0.14 Yes	0.03	Primary Over-Voltage
TSS061	576	'311608353_/_311608357'	0.03	1.7	2.4	0.17	0.53	2.18	0.3 Yes	0.03	Primary Over-Voltage
TSS061	577	'311608019_/_311608053_2'	0.1	5.1	7.2	0.51	0.9	6.52	0.91 Yes	0.1	Primary Over-Voltage
TSS061	578	'311555628_/_311555634'	0.1	8.7	7.2	0.02	6.7	6.25	1.24 Yes	0.02	Thermal Discharging
TSS061	579	'311602844_/_311602841'	0.4	2.87	1.73	0.17	0.3	2.01	0.3 Yes	0.17	Thermal Discharging
TSS061	580	'311608352_/_311608350'	0.03	1.7	2.4	0.17	0.53	2.17	0.3 Yes	0.03	Primary Over-Voltage
TSS061	581	'311592584_/_311592581'	0.03	1.7	2.4	0.17	0.3	2.16	0.3 Yes	0.03	Primary Over-Voltage
TSS061	582	'311608110_/_311608107'	0.1	5	7.2	0.51	1.6	6.48	0.91 Yes	0.1	Primary Over-Voltage
TSS061	583	'311608144_/_311608141_2'	0.1	5	7.2	0.51	0.9	6.48	0.91 Yes	0.1	Primary Over-Voltage
TSS061	584	'311607994_/_311608017'	0.1	5	7.2	0.51	0.9	6.45	0.91 Yes	0.1	Primary Over-Voltage
TSS061	585	'311555613_/_311555625'	0.1	8.7	7.2	0.02	6.7	6.2	1.24 Yes	0.02	Thermal Discharging
TSS061	586	'311608162_/_311608159'	0.1	5	7.2	0.51	1.6	6.43	0.91 Yes	0.1	Primary Over-Voltage
TSS061	587	'311608192_/_311608190'	0.1	5	7.2	0.51	0.9	6.42	0.91 Yes	0.1	Primary Over-Voltage
TSS061	588	'318246459_/_311608208_1'	0.1	4.4	7.2	0.51	0.9	6.41	0.91 Yes	0.1	Primary Over-Voltage
TSS061	589	'311560805_/_311560811'	0.1	4.1	1.2	0.16	3	6.47	0.43 Yes	0.1	Primary Over-Voltage
TSS061	590	'311555604_/_311555610'	0.1	8.7	7.2	0.02	6.7	6.15	1.24 Yes	0.02	Thermal Discharging
TSS061	591	'311592591_/_311592588'	0.03	1.67	2.4	0.17	0.3	2.13	0.3 Yes	0.03	Primary Over-Voltage
TSS061	592	'311555595_/_311555601'	0.1	8.7	7.2	0.02	6.7	6.13	1.24 Yes	0.02	Thermal Discharging
TSS061	593	'311604100_/_311607992'	0.1	4.9	7.2	0.51	0.9	6.38	0.91 Yes	0.1	Primary Over-Voltage
TSS061	594	'311611605_/_311611602'	0.03	1.83	2.4	0.17	0.3	2.1	0.3 Yes	0.03	Primary Over-Voltage
TSS061	595	'311608457_/_311608455'	0.03	1.67	2.4	0.17	0.53	2.12	0.3 Yes	0.03	Primary Over-Voltage
TSS061	596	'311558385_/_311558389'	0.03	1.6	0.43	0.05	0.9	2.11	0.14 Yes	0.03	Primary Over-Voltage
TSS061	597	'350513928_/_311608462_1'	0.03	1.67	2.4	0.17	0.2	2.12	0.3 Yes	0.03	Primary Over-Voltage
TSS061	598	'311604101_/_311604098'	0.1	4.9	7.2	0.51	0.9	6.35	0.91 Yes	0.1	Primary Over-Voltage
TSS061	599	'311608178_/_311608175'	0.1	4.9	7.2	0.51	1.6	6.35	0.91 Yes	0.1	Primary Over-Voltage
TSS061	600	'311802357_/_311608332_1'	0.1	4.9	7.2	0.51	0.9	6.34	0.91 Yes	0.1	Primary Over-Voltage
TSS061	601	'311592604_/_311592601'	0.03	1.63	2.4	0.17	0.3	2.11	0.3 Yes	0.03	Primary Over-Voltage
TSS061	602	'311555580_/_311555592'	0.1	8.7	7.2	0.02	6.7	6.08	1.24 Yes	0.02	Thermal Discharging
TSS061	603	'311591966_/_311591963'	0.37	2.87	1.73	0.17	0.3	1.96	0.3 Yes	0.17	Thermal Discharging
TSS061	604	'311604116_/_311604113'	0.1	4.9	7.2	0.51	0.9	6.32	0.91 Yes	0.1	Primary Over-Voltage
TSS061	605	'311602851_/_311602855'	0.4	2.87	1.73	0.17	0.3	1.95	0.3 Yes	0.17	Thermal Discharging
TSS061	606	'311556508_/_311556505'	0.07	5.8	4.8	0.01	2.2	4.03	0.83 Yes	0.01	Thermal Discharging
TSS061	607	'311560772_/_311560802'	0.1	4	1.1	0.16	3	6.34	0.43 Yes	0.1	Primary Over-Voltage
TSS061	608	'311592617_/_311592614'	0.03	1.63	2.4	0.17	0.3	2.09	0.3 Yes	0.03	Primary Over-Voltage
TSS061	609	'311555571_/_311555577'	0.1	8.7	7.2	0.02	6.7	6.02	1.24 Yes	0.02	Thermal Discharging
TSS061	610	'311608252_/_311608249'	0.1	4.8	7.2	0.51	1.6	6.27	0.91 Yes	0.1	Primary Over-Voltage
TSS061	611	'311604125_/_311604122'	0.1	4.8	7.2	0.51	0.9	6.25	0.91 Yes	0.1	Primary Over-Voltage
TSS061	612	'311555562_/_311555568'	0.1	8.7	7.2	0.02	6.7	5.97	1.24 Yes	0.02	Thermal Discharging
TSS061	613	'311592624_/_311592621'	0.03	1.6	2.4	0.17	0.3	2.07	0.3 Yes	0.03	Primary Over-Voltage
TSS061	614	'311608464_/_311608462_2'	0.03	1.6	2.4	0.17	0.2	2.07	0.3 Yes	0.03	Primary Over-Voltage
TSS061	615	'311608261_/_311608258'	0.1	4.7	7.2	0.51	1.6	6.2	0.91 Yes	0.1	Primary Over-Voltage
TSS061	616	'311558378_/_311558382'	0.03	1.53	0.43	0.05	0.9	2.06	0.14 Yes	0.03	Primary Over-Voltage
TSS061	617	'311611619_/_311611616'	0.03	1.73	2.4	0.17	0.3	2.05	0.3 Yes	0.03	Primary Over-Voltage
TSS061	618	'311604140_/_311604137'	0.1	4.7	7.2	0.51	0.9	6.18	0.91 Yes	0.1	Primary Over-Voltage
TSS061	619	'311556516_/_311556513'	0.07	5.8	4.8	0.01	2.2	3.96	0.83 Yes	0.01	Thermal Discharging
TSS061	620	'311608302_/_311608299'	0.1	4.7	7.2	0.51	1.6	6.17	0.91 Yes	0.1	Primary Over-Voltage
TSS061	621	'311555547_/_311555559'	0.1	8.7	7.2	0.02	6.7	5.92	1.24 Yes	0.02	Thermal Discharging
TSS061	622	'311608477_/_311608483'	0.03	1.57	2.4	0.17	0.2	2.05	0.3 Yes	0.03	Primary Over-Voltage
TSS061	623	'311608316_/_311608332_2'	0.1	4.6	7.2	0.51	0.9	6.14	0.91 Yes	0.1	Primary Over-Voltage
TSS061	624	'311592631_/_311592628'	0.03	1.57	2.4	0.17	0.3	2.04	0.3 Yes	0.03	Primary Over-Voltage
TSS061	625	'311604149_/_311604146'	0.1	4.7	7.2	0.51	0.9	6.11	0.91 Yes	0.1	Primary Over-Voltage
TSS061	626	'311555538_/_311555544'	0.1	8.7	7.2	0.02	6.7	5.86	1.24 Yes	0.02	Thermal Discharging
TSS061	627	'311604158_/_311604155'	0.1	4.6	7.2	0.51	0.9	6.08	0.91 Yes	0.1	Primary Over-Voltage
TSS061	628	'311598462_/_311598466'	0.03	1.57	2.4	0.17	0.3	2.02	0.3 Yes	0.03	Primary Over-Voltage
TSS061	629	'311785054_/_311604210_1'	0.1	4.6	7.2	0.51	0.9	6.07	0.91 Yes	0.1	Primary Over-Voltage
TSS061	630	'311608476_/_311608474'	0.03	1.53	2.4	0.17	0.2	2.02	0.3 Yes	0.03	Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TSS061	631	'311555529'/_311555535'		0.1	8.7	7.2	0.02	6.7	5.81	1.24 Yes	0.02 Thermal Discharging
TSS061	632	'311604173'/_311604170'		0.1	4.6	7.2	0.51	0.9	6.04	0.91 Yes	0.1 Primary Over-Voltage
TSS061	633	'311785076'/_311604228_2'		0.03	1.53	2.4	0.17	0.3	2.01	0.3 Yes	0.03 Primary Over-Voltage
TSS061	634	'311558365'/_311558375'		0.03	1.5	0.43	0.05	0.9	2	0.14 Yes	0.03 Primary Over-Voltage
TSS061	635	'311598422'/_311598459'		0.03	1.53	2.4	0.17	0.3	2.01	0.3 Yes	0.03 Primary Over-Voltage
TSS061	636	'311611633'/_311611630'		0.03	1.67	2.4	0.17	0.3	1.99	0.3 Yes	0.03 Primary Over-Voltage
TSS061	637	'311560754'/_311560760'		0.1	3.7	1.1	0.16	3	6.08	0.43 Yes	0.1 Primary Over-Voltage
TSS061	638	'311604213'/_311604210_2'		0.1	4.6	7.2	0.51	0.9	6.01	0.91 Yes	0.1 Primary Over-Voltage
TSS061	639	'311603842'/_311604179'		0.1	4.6	7.2	0.51	0.9	6.01	0.91 Yes	0.1 Primary Over-Voltage
TSS061	640	'345079644'/_343599239_2'		0.03	1.5	2.4	0.17	0.3	2	0.3 Yes	0.03 Primary Over-Voltage
TSS061	641	'311555514'/_311555526'		0.1	8.7	7.2	0.02	6.7	5.76	1.24 Yes	0.02 Thermal Discharging
TSS061	642	'311598423'/_311598420'		0.03	1.53	2.4	0.17	0.3	1.99	0.3 Yes	0.03 Primary Over-Voltage
TSS061	643	'311608211'/_311608314'		0.1	4.5	7.2	0.51	0.9	5.97	0.91 Yes	0.1 Primary Over-Voltage
TSS061	644	'311608495'/_311608492'		0.03	1.5	2.4	0.17	0.2	1.99	0.3 Yes	0.03 Primary Over-Voltage
TSS061	645	'311555505'/_311555511'		0.1	8.7	7.2	0.02	6.7	5.71	1.24 Yes	0.02 Thermal Discharging
TSS061	646	'311603843'/_311603840'		0.1	4.5	7.2	0.51	0.9	5.94	0.91 Yes	0.1 Primary Over-Voltage
TSS061	647	'311604230'/_311604228_1'		0.03	1.5	2.4	0.17	0.3	1.98	0.3 Yes	0.03 Primary Over-Voltage
TSS061	648	'311555496'/_311555502'		0.1	8.7	7.2	0.02	6.7	5.66	1.24 Yes	0.02 Thermal Discharging
TSS061	649	'311560745'/_311560751'		0.1	3.6	1	0.16	3	5.96	0.43 Yes	0.1 Primary Over-Voltage
TSS061	650	'311603858'/_311603855'		0.1	4.4	7.2	0.51	0.9	5.88	0.91 Yes	0.1 Primary Over-Voltage
TSS061	651	'311556547'/_311556544'		0.07	5.8	4.8	0.01	2.1	3.77	0.83 Yes	0.01 Thermal Discharging
TSS061	652	'311558358'/_311558362'		0.03	1.43	0.43	0.05	0.9	1.95	0.14 Yes	0.03 Primary Over-Voltage
TSS061	653	'311611647'/_311611644'		0.03	1.63	2.4	0.17	0.3	1.94	0.3 Yes	0.03 Primary Over-Voltage
TSS061	654	'311603882'/_311603879'		0.03	1.47	2.4	0.17	0.3	1.95	0.3 Yes	0.03 Primary Over-Voltage
TSS061	655	'311591896'/_311591893'		0.27	2.87	1.73	0.17	0.3	1.83	0.3 Yes	0.17 Thermal Discharging
TSS061	656	'311555487'/_311555493'		0.1	8.7	7.2	0.02	6.7	5.61	1.24 Yes	0.02 Thermal Discharging
TSS061	657	'311603668'/_311603864'		0.1	4.4	7.2	0.51	0.9	5.81	0.91 Yes	0.1 Primary Over-Voltage
TSS061	658	'311555486'/_311555484'		0.1	8.7	7.2	0.02	6.7	5.57	1.24 Yes	0.02 Thermal Discharging
TSS061	659	'311602850'/_311602848'		0.3	2.87	1.73	0.17	0.3	1.81	0.3 Yes	0.17 Thermal Discharging
TSS061	660	'311592036'/_311592033'		0.27	2.87	1.73	0.17	0.3	1.81	0.3 Yes	0.17 Thermal Discharging
TSS061	661	'311603895'/_311603892'		0.03	1.43	2.4	0.17	0.3	1.92	0.3 Yes	0.03 Primary Over-Voltage
TSS061	662	'311560736'/_311560742'		0.1	3.5	1	0.16	3	5.84	0.43 Yes	0.1 Primary Over-Voltage
TSS061	663	'311553812'/_3115536303'		0.1	8.5	7.2	0.02	6.7	5.53	1.24 Yes	0.02 Thermal Discharging
TSS061	664	'311603669'/_311603666'		0.1	4.3	7.2	0.51	0.9	5.74	0.91 Yes	0.1 Primary Over-Voltage
TSS061	665	'311558345'/_311558355'		0.03	1.4	0.43	0.05	0.9	1.9	0.14 Yes	0.03 Primary Over-Voltage
TSS061	666	'311611668'/_311611665'		0.03	1.57	2.4	0.17	0.3	1.89	0.3 Yes	0.03 Primary Over-Voltage
TSS061	667	'311553797'/_311553809'		0.1	8.1	7.2	0.02	6.7	5.49	1.24 Yes	0.02 Thermal Discharging
TSS061	668	'311603902'/_311603899'		0.03	1.43	2.4	0.17	0.3	1.9	0.3 Yes	0.03 Primary Over-Voltage
TSS061	669	'311603777'/_311603774'		0.03	1.43	2.4	0.17	0.3	1.9	0.3 Yes	0.03 Primary Over-Voltage
TSS061	670	'311603678'/_311603675'		0.1	4.2	7.2	0.51	0.9	5.69	0.91 Yes	0.1 Primary Over-Voltage
TSS061	671	'311553788'/_311553794'		0.1	7.8	7.2	0.02	6.7	5.45	1.24 Yes	0.02 Thermal Discharging
TSS061	672	'311603915'/_311603912'		0.03	1.4	2.4	0.17	0.3	1.89	0.3 Yes	0.03 Primary Over-Voltage
TSS061	673	'311560727'/_311560733'		0.1	3.4	1	0.16	3	5.73	0.43 Yes	0.1 Primary Over-Voltage
TSS061	674	'311553779'/_311553785'		0.1	7.6	7.2	0.02	6.7	5.41	1.24 Yes	0.02 Thermal Discharging
TSS061	675	'311608525'/_311611929'		0.03	1.4	2.4	0.17	0.2	1.88	0.3 Yes	0.03 Primary Over-Voltage
TSS061	676	'311603693'/_311603690'		0.1	4.2	7.2	0.51	0.9	5.62	0.91 Yes	0.1 Primary Over-Voltage
TSS061	677	'311603922'/_311603919'		0.03	1.4	2.4	0.17	0.3	1.87	0.3 Yes	0.03 Primary Over-Voltage
TSS061	678	'311553881'/_311553878'		0.07	4.8	4.8	0.01	2.2	3.59	0.83 Yes	0.01 Thermal Discharging
TSS061	679	'311558338'/_311558342'		0.03	1.37	0.43	0.05	0.9	1.86	0.14 Yes	0.03 Primary Over-Voltage
TSS061	680	'311553764'/_311553776'		0.1	7.4	7.2	0.02	6.7	5.37	1.24 Yes	0.02 Thermal Discharging
TSS061	681	'311611397'/_311611672'		0.03	1.5	2.4	0.17	0.3	1.84	0.3 Yes	0.03 Primary Over-Voltage
TSS061	682	'311603702'/_311603699'		0.1	4.1	7.2	0.51	0.9	5.55	0.91 Yes	0.1 Primary Over-Voltage
TSS061	683	'311557010'/_311560724'		0.1	3.3	1	0.16	3	5.62	0.43 Yes	0.1 Primary Over-Voltage
TSS061	684	'311603929'/_311603926'		0.03	1.4	2.4	0.17	0.3	1.85	0.3 Yes	0.03 Primary Over-Voltage
TSS061	685	'311553755'/_311553761'		0.1	7.3	7.2	0.02	6.7	5.33	1.24 Yes	0.02 Thermal Discharging
TSS061	686	'311628278'/_311557323_1'		0.03	1.1	0.33	0.05	0.2	1.85	0.14 Yes	0.03 Primary Over-Voltage
TSS061	687	'311611398'/_311611395'		0.03	1.5	2.4	0.17	0.3	1.83	0.3 Yes	0.03 Primary Over-Voltage
TSS061	688	'311602536'/_311603708'		0.1	4.1	7.2	0.51	0.9	5.51	0.91 Yes	0.1 Primary Over-Voltage
TSS061	689	'311553746'/_311553752'		0.1	7.1	7.2	0.02	6.7	5.29	1.24 Yes	0.02 Thermal Discharging
TSS061	690	'311608526'/_311608523'		0.03	1.37	2.4	0.17	0.2	1.83	0.3 Yes	0.03 Primary Over-Voltage
TSS061	691	'311608421'/_311608418'		0.03	1.37	2.4	0.17	0.3	1.83	0.3 Yes	0.03 Primary Over-Voltage
TSS061	692	'311557326'/_311557323_2'		0.03	1.1	0.33	0.05	0.2	1.83	0.14 Yes	0.03 Primary Over-Voltage
TSS061	693	'311553895'/_311553892'		0.07	4.4	4.8	0.01	2.2	3.52	0.83 Yes	0.01 Thermal Discharging
TSS061	694	'311553731'/_311553743'		0.1	7	7.2	0.02	6.7	5.26	1.24 Yes	0.02 Thermal Discharging
TSS061	695	'311558337'/_311558335'		0.03	1.33	0.43	0.05	0.9	1.81	0.14 Yes	0.03 Primary Over-Voltage
TSS061	696	'311602527'/_311602533'		0.1	4	7.2	0.51	0.9	5.44	0.91 Yes	0.1 Primary Over-Voltage
TSS061	697	'311557011'/_311557008'		0.1	3.2	0.9	0.16	3	5.51	0.43 Yes	0.1 Primary Over-Voltage
TSS061	698	'311603591'/_311603588'		0.03	1.33	2.4	0.17	0.3	1.81	0.3 Yes	0.03 Primary Over-Voltage
TSS061	699	'491887977'/_311592290_2'		10	5.6	4.2	0.51	0.4	4.62	0.91 Yes	0.4 Element Fault
TSS061	700	'311611688'/_311611685'		0.03	1.47	2.4	0.17	0.3	1.8	0.3 Yes	0.03 Primary Over-Voltage
TSS061	701	'311553722'/_311553728'		0.1	6.9	7.2	0.02	6.7	5.22	1.24 Yes	0.02 Thermal Discharging
TSS061	702	'311553713'/_311553719'		0.1	6.7	7.2	0.02	6.7	5.18	1.24 Yes	0.02 Thermal Discharging
TSS061	703	'311602518'/_311602524'		0.1	4	7.2	0.51	0.9	5.38	0.91 Yes	0.1 Primary Over-Voltage
TSS061	704	'311558524'/_311558521'		0.03	1.3	0.43	0.05	0.9	1.78	0.14 Yes	0.03 Primary Over-Voltage
TSS061	705	'432831959'/_432831978'		0.03	1.33	2.4	0.17	0.2	1.78	0.3 Yes	0.03 Primary Over-Voltage
TSS061	706	'311553903'/_311553900'		0.07	4.13	4.8	0.01	2.2	3.45	0.83 Yes	0.01 Thermal Discharging
TSS061	707	'311553698'/_311553710'		0.1	6.6	7.2	0.02	6.7	5.14	1.24 Yes	0.02 Thermal Discharging
TSS061	708	'311602517'/_311602515'		0.1	3.9	7.2	0.51	0.9	5.34	0.91 Yes	0.1 Primary Over-Voltage
TSS061	709	'311557026'/_311557023'		0.1	3.1	0.9	0.16	3	5.41	0.43 Yes	0.1 Primary Over-Voltage
TSS061	710	'311553689'/_311553695'		0.1	6.5	7.2	0.02	6.7	5.11	1.24 Yes	0.02 Thermal Discharging
TSS061	711	'311602553'/_311602615'		0.1	3.9	7.2	0.51	0.9	5.3	0.91 Yes	0.1 Primary Over-Voltage
TSS061	712	'311553911'/_311553908'		0.07	4	4.8	0.01	2.2	3.41	0.83 Yes	0.01 Thermal Discharging
TSS061	713	'672341819'/_672341817'		0.03	1.3	2.4	0.17	0.3	1.76	0.3 Yes	0.03 Primary Over-Voltage
TSS061	714	'311603604'/_311603601'		0.03	1.3	2.4	0.17	0.3	1.76	0.3 Yes	0.03 Primary Over-Voltage
TSS061	715	'311553680'/_311553686'		0.1	6.4	7.2	0.02	6.7	5.07	1.24 Yes	0.02 Thermal Discharging
TSS061	716	'311592082'/_311592079'		0.23	2.87	1.73	0.17	0.3	1.65	0.3 Yes	0.17 Thermal Discharging
TSS061	717	'311557035'/_311557032'		0.1	3.1	0.9	0.16	3	5.31	0.43 Yes	0.1 Primary Over-Voltage
TSS061	718	'311558531'/_311558528'		0.03	1.27	0.47	0.05	0.9	1.74	0.14 Yes	0.03 Primary Over-Voltage
TSS061	719	'311602554'/_311602551'		0.1	3.8	7.2	0.51	0.9	5.24	0.91 Yes	0.1 Primary Over-Voltage
TSS061	720	'311553665'/_311553677'		0.1	6.3	6.2	0.02	6.7	5.04	1.24 Yes	0.02 Thermal Discharging
TSS061	721	'492586775'/_311602576_1'		0.1	3.8	7.2	0.51	0.9	5.23	0.91 Yes	0.1 Primary Over-Voltage
TSS061	722	'311553925'/_311553922'		0.07	3.87	4.8	0.01	2.2	3.37	0.83 Yes	0.01 Thermal Discharging
TSS061	723	'311553656'/_311553662'		0.1	6.2	6.2	0.02	6.7	5	1.24 Yes	0.02 Thermal Discharging
TSS061	724	'311558760'/_311558757'		0.03	1.23	0.47	0.05	0.9	1.72	0.14 Yes	0.03 Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TSS061	725	'492586760_/311602576_2'	0.7	4.5	5.2	0.51	4.5	5.18	0.91 Yes	0.51	Thermal Discharging
TSS061	726	'311559221_/311603608'	0.03	1.27	2.4	0.17	0.3	1.72	0.3 Yes	0.03	Primary Over-Voltage
TSS061	727	'311553647_/311553653'	0.1	6.2	6.2	0.02	6.7	4.97	1.24 Yes	0.02	Thermal Discharging
TSS061	728	'311603036_/311603046'	0.03	1.27	2.4	0.17	0.3	1.72	0.3 Yes	0.03	Primary Over-Voltage
TSS061	729	'311557050_/311557047'	0.1	3	0.9	0.16	3	5.22	0.43 Yes	0.1	Primary Over-Voltage
TSS061	730	'630562178_/311557297'	0.07	2	0.6	0.11	2	3.44	0.29 Yes	0.07	Primary Over-Voltage
TSS061	731	'311559222_/311559219'	0.03	1.27	2.4	0.17	0.3	1.71	0.3 Yes	0.03	Primary Over-Voltage
TSS061	732	'473784909_/473784907'	0.03	1.27	2.4	0.17	0.3	1.71	0.3 Yes	0.03	Primary Over-Voltage
TSS061	733	'311553632_/311553644'	0.1	6.1	6.2	0.02	6.7	4.94	1.24 Yes	0.02	Thermal Discharging
TSS061	734	'311560466_/311611725'	0.03	1.37	2.4	0.17	0.3	1.69	0.3 Yes	0.03	Primary Over-Voltage
TSS061	735	'311558561_/311558558'	0.03	1.23	0.47	0.05	0.9	1.7	0.14 Yes	0.03	Primary Over-Voltage
TSS061	736	'311559242_/311559239'	0.03	1.23	2.4	0.17	0.3	1.7	0.3 Yes	0.03	Primary Over-Voltage
TSS061	737	'311553623_/311553629'	0.1	6	6.2	0.02	6.7	4.9	1.24 Yes	0.02	Thermal Discharging
TSS061	738	'311602505_/311603033'	0.03	1.23	2.4	0.17	0.3	1.7	0.3 Yes	0.03	Primary Over-Voltage
TSS061	739	'311560467_/311560464'	0.03	1.33	2.4	0.17	0.3	1.67	0.3 Yes	0.03	Primary Over-Voltage
TSS061	740	'311553614_/311553620'	0.1	5.9	6.2	0.02	6.7	4.87	1.24 Yes	0.02	Thermal Discharging
TSS061	741	'311557059_/311557056'	0.1	2.9	0.8	0.16	3	5.13	0.43 Yes	0.1	Primary Over-Voltage
TSS061	742	'311559152_/311559226'	0.03	1.23	2.4	0.17	0.3	1.68	0.3 Yes	0.03	Primary Over-Voltage
TSS061	743	'311591837_/311591906'	0.2	2.87	1.73	0.17	0.3	1.6	0.3 Yes	0.17	Thermal Discharging
TSS061	744	'311602504_/311602502'	0.03	1.23	2.4	0.17	0.3	1.68	0.3 Yes	0.03	Primary Over-Voltage
TSS061	745	'311553599_/311553611'	0.1	5.8	6.2	0.02	6.7	4.84	1.24 Yes	0.02	Thermal Discharging
TSS061	746	'311560474_/311560471'	0.03	1.3	2.4	0.17	0.3	1.66	0.3 Yes	0.03	Primary Over-Voltage
TSS061	747	'311553590_/311553596'	0.1	5.8	6.2	0.02	6.7	4.81	1.24 Yes	0.02	Thermal Discharging
TSS061	748	'311558574_/311558571'	0.03	1.2	0.47	0.05	0.9	1.65	0.14 Yes	0.03	Primary Over-Voltage
TSS061	749	'311559153_/311559150'	0.03	1.2	2.4	0.17	0.3	1.65	0.3 Yes	0.03	Primary Over-Voltage
TSS061	750	'311553581_/311553587'	0.1	5.7	6.2	0.02	6.7	4.77	1.24 Yes	0.02	Thermal Discharging
TSS061	751	'311557068_/311557065'	0.1	2.8	0.8	0.16	3	5.03	0.43 Yes	0.1	Primary Over-Voltage
TSS061	752	'311559115_/311560478'	0.03	1.3	2.07	0.17	0.3	1.64	0.3 Yes	0.03	Primary Over-Voltage
TSS061	753	'311559116_/311559113'	0.03	1.3	2.07	0.17	0.3	1.63	0.3 Yes	0.03	Primary Over-Voltage
TSS061	754	'311553566_/311553578'	0.1	5.6	6.2	0.02	6.7	4.74	1.24 Yes	0.02	Thermal Discharging
TSS061	755	'311553557_/311553563'	0.1	5.6	6.2	0.02	6.7	4.71	1.24 Yes	0.02	Thermal Discharging
TSS061	756	'311560488_/311560485'	0.03	1.27	2.07	0.17	0.3	1.62	0.3 Yes	0.03	Primary Over-Voltage
TSS061	757	'311624711_/311553818_1'	0.07	3.73	4.13	0.01	0.3	3.14	0.83 Yes	0.01	Thermal Discharging
TSS061	758	'311559160_/311559157'	0.03	1.17	2.4	0.17	0.3	1.63	0.3 Yes	0.03	Primary Over-Voltage
TSS061	759	'311592292_/311592290_1'	0.6	5.6	4.2	0.51	0.4	4.24	0.91 Yes	0.4	Element Fault
TSS061	760	'311553486_/311553554'	0.1	5.5	6.2	0.02	6.7	4.69	1.24 Yes	0.02	Thermal Discharging
TSS061	761	'311559123_/311559120'	0.03	1.27	2.07	0.17	0.3	1.61	0.3 Yes	0.03	Primary Over-Voltage
TSS061	762	'311557077_/311557074'	0.1	2.8	0.8	0.16	3	4.94	0.43 Yes	0.1	Primary Over-Voltage
TSS061	763	'311558581_/311558578'	0.03	1.17	0.47	0.05	0.9	1.61	0.14 Yes	0.03	Primary Over-Voltage
TSS061	764	'311553821_/311553818_2'	0.07	3.6	4.13	0.01	0.3	3.11	0.83 Yes	0.01	Thermal Discharging
TSS061	765	'311602864_/311602862'	0.2	2.87	1.73	0.17	0.3	1.54	0.3 Yes	0.17	Thermal Discharging
TSS061	766	'311553477_/311553483'	0.1	5.5	6.2	0.02	6.7	4.66	1.24 Yes	0.02	Thermal Discharging
TSS061	767	'311560495_/311560492'	0.03	1.27	2.07	0.17	0.3	1.6	0.3 Yes	0.03	Primary Over-Voltage
TSS061	768	'311553462_/311553474'	0.1	5.4	6.2	0.02	6.7	4.63	1.24 Yes	0.02	Thermal Discharging
TSS061	769	'311553835_/311553832'	0.07	3.53	4.13	0.01	0.3	3.08	0.83 Yes	0.01	Thermal Discharging
TSS061	770	'311559173_/311559170'	0.03	1.17	2.4	0.17	0.3	1.6	0.3 Yes	0.03	Primary Over-Voltage
TSS061	771	'311560502_/311560499'	0.03	1.23	2.07	0.17	0.3	1.58	0.3 Yes	0.03	Primary Over-Voltage
TSS061	772	'311553453_/311553459'	0.1	5.3	6.2	0.02	6.7	4.6	1.24 Yes	0.02	Thermal Discharging
TSS061	773	'311624367_/311553520_1'	0.1	5.3	6.2	0.02	0.5	4.59	1.24 Yes	0.02	Thermal Discharging
TSS061	774	'311592095_/311592092'	0.17	2.87	1.73	0.17	0.3	1.5	0.3 Yes	0.17	Primary Over-Voltage
TSS061	775	'311557086_/311557083'	0.1	2.7	0.8	0.16	3	4.84	0.43 Yes	0.1	Primary Over-Voltage
TSS061	776	'311553843_/311553840'	0.07	3.47	4.13	0.01	0.3	3.05	0.83 Yes	0.01	Thermal Discharging
TSS061	777	'311553444_/311553450'	0.1	5.3	6.2	0.02	6.6	4.57	1.24 Yes	0.02	Thermal Discharging
TSS061	778	'311558588_/311558585'	0.03	1.13	0.47	0.05	0.9	1.58	0.14 Yes	0.03	Primary Over-Voltage
TSS061	779	'311560509_/311560506'	0.03	1.23	2.07	0.17	0.3	1.57	0.3 Yes	0.03	Primary Over-Voltage
TSS061	780	'311553429_/311553441'	0.1	5.2	6.2	0.02	6.6	4.54	1.24 Yes	0.02	Thermal Discharging
TSS061	781	'311553514_/311553520_2'	0.1	5.2	6.2	0.02	0.5	4.54	1.24 Yes	0.02	Thermal Discharging
TSS061	782	'311553851_/311553848'	0.07	3.4	4.13	0.01	0.3	3.02	0.83 Yes	0.01	Thermal Discharging
TSS061	783	'311553420_/311553426'	0.1	5.2	6.2	0.02	6.6	4.51	1.24 Yes	0.02	Thermal Discharging
TSS061	784	'311560516_/311560513'	0.03	1.2	2.07	0.17	0.3	1.55	0.3 Yes	0.03	Primary Over-Voltage
TSS061	785	'311557101_/311557098'	0.1	2.6	0.8	0.16	3	4.75	0.43 Yes	0.1	Primary Over-Voltage
TSS061	786	'311553859_/311553856'	0.07	3.33	4.13	0.01	0.3	3	0.83 Yes	0.01	Thermal Discharging
TSS061	787	'311553411_/311553417'	0.1	5.1	6.2	0.02	6.6	4.48	1.24 Yes	0.02	Thermal Discharging
TSS061	788	'311560523_/311560520'	0.03	1.2	2.07	0.17	0.3	1.53	0.3 Yes	0.03	Primary Over-Voltage
TSS061	789	'311558595_/311558592'	0.03	1.1	0.47	0.05	0.9	1.54	0.14 Yes	0.03	Primary Over-Voltage
TSS061	790	'311553396_/311553408'	0.1	5.1	6.2	0.02	6.6	4.45	1.24 Yes	0.02	Thermal Discharging
TSS061	791	'311553513_/311553511'	0.1	4.9	6.2	0.02	0.5	4.46	1.24 Yes	0.02	Thermal Discharging
TSS061	792	'311557110_/311557107'	0.1	2.6	0.8	0.16	3	4.69	0.43 Yes	0.1	Primary Over-Voltage
TSS061	793	'311553873_/311553870'	0.07	3.27	4.13	0.01	0.3	2.97	0.83 Yes	0.01	Thermal Discharging
TSS061	794	'311591685_/311592335'	0.5	5.6	4.2	0.51	0.4	4.05	0.91 Yes	0.4	Element Fault
TSS061	795	'311553387_/311553393'	0.1	5	6.2	0.02	6.6	4.42	1.24 Yes	0.02	Thermal Discharging
TSS061	796	'311559092_/311560527'	0.03	1.17	2.07	0.17	0.3	1.52	0.3 Yes	0.03	Primary Over-Voltage
TSS061	797	'311553378_/311553384'	0.1	5	6.2	0.02	6.6	4.4	1.24 Yes	0.02	Thermal Discharging
TSS061	798	'311559093_/311559090'	0.03	1.17	2.07	0.17	0.3	1.51	0.3 Yes	0.03	Primary Over-Voltage
TSS061	799	'311557504_/311560695'	0.1	2.6	0.7	0.16	3	4.64	0.43 Yes	0.1	Primary Over-Voltage
TSS061	800	'311628516_/311557502_1'	0.03	0.87	0.23	0.05	0.2	1.52	0.14 Yes	0.03	Primary Over-Voltage
TSS061	801	'311557505_/311557502_2'	0.03	0.87	0.23	0.05	0.2	1.52	0.14 Yes	0.03	Primary Over-Voltage
TSS061	802	'311572771_/311572768'	0.1	2.5	0.7	0.16	3	4.62	0.43 Yes	0.1	Primary Over-Voltage
TSS061	803	'311560537_/311560534'	0.03	1.17	2.07	0.17	0.3	1.5	0.3 Yes	0.03	Primary Over-Voltage
TSS061	804	'311553363_/311553375'	0.1	4.9	6.2	0.02	6.6	4.37	1.24 Yes	0.02	Thermal Discharging
TSS061	805	'311558608_/311558605'	0.03	1.07	0.47	0.05	0.9	1.5	0.14 Yes	0.03	Primary Over-Voltage
TSS061	806	'311553354_/311553360'	0.1	4.9	6.2	0.02	6.6	4.34	1.24 Yes	0.02	Thermal Discharging
TSS061	807	'311560544_/311560541'	0.03	1.13	2.07	0.17	0.3	1.49	0.3 Yes	0.03	Primary Over-Voltage
TSS061	808	'311553345_/311553351'	0.1	4.8	6.2	0.02	6.6	4.31	1.24 Yes	0.02	Thermal Discharging
TSS061	809	'311572761_/311572787'	0.1	2.5	0.7	0.16	3	4.54	0.43 Yes	0.1	Primary Over-Voltage
TSS061	810	'311553330_/311553342'	0.1	4.8	6.2	0.02	6.6	4.29	1.24 Yes	0.02	Thermal Discharging
TSS061	811	'311560551_/311560548'	0.03	1.13	2.07	0.17	0.3	1.47	0.3 Yes	0.03	Primary Over-Voltage
TSS061	812	'311557512_/311557509'	0.03	0.87	0.23	0.05	0.2	1.49	0.14 Yes	0.03	Primary Over-Voltage
TSS061	813	'311558615_/311558612'	0.03	1.03	0.47	0.05	0.9	1.47	0.14 Yes	0.03	Primary Over-Voltage
TSS061	814	'311553321_/311553327'	0.1	4.7	6.2	0.02	6.6	4.26	1.24 Yes	0.02	Thermal Discharging
TSS061	815	'311591838_/311591835'	0.13	2.87	1.73	0.17	0.3	1.4	0.3 Yes	0.13	Primary Over-Voltage
TSS061	816	'311558862_/311560555'	0.03	1.13	2.07	0.17	0.3	1.46	0.3 Yes	0.03	Primary Over-Voltage
TSS061	817	'311572762_/311572759'	0.1	2.4	0.7	0.16	3	4.48	0.43 Yes	0.1	Primary Over-Voltage
TSS061	818	'311553312_/311553318'	0.1	4.7	6.2	0.02	6.6	4.24	1.24 Yes	0.02	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TSS061	819	'311602877_/_311602875'	0.17	2.87	1.73	0.17	0.3	1.39	0.3	Yes	0.17 Primary Over-Voltage
TSS061	820	'311553297_/_311553309'	0.1	4.7	6.2	0.02	6.6	4.21	1.24	Yes	0.02 Thermal Discharging
TSS061	821	'311558863_/_311558860'	0.03	1.1	2.07	0.17	0.3	1.44	0.3	Yes	0.03 Primary Over-Voltage
TSS061	822	'311557519_/_311557516'	0.03	0.87	0.23	0.05	0.2	1.46	0.14	Yes	0.03 Primary Over-Voltage
TSS061	823	'311553288_/_311553294'	0.1	4.6	6.2	0.02	6.6	4.18	1.24	Yes	0.02 Thermal Discharging
TSS061	824	'311572738_/_311572819'	0.1	2.4	0.7	0.16	3	4.41	0.43	Yes	0.1 Primary Over-Voltage
TSS061	825	'311558622_/_311558619'	0.03	1	0.47	0.05	0.9	1.44	0.14	Yes	0.03 Primary Over-Voltage
TSS061	826	'311558876_/_311558873'	0.03	1.1	2.07	0.17	0.3	1.43	0.3	Yes	0.03 Primary Over-Voltage
TSS061	827	'311553279_/_311553285'	0.1	4.6	6.2	0.02	6.6	4.16	1.24	Yes	0.02 Thermal Discharging
TSS061	828	'311553264_/_311553276'	0.1	4.5	6.2	0.02	6.6	4.13	1.24	Yes	0.02 Thermal Discharging
TSS061	829	'311558883_/_311558880'	0.03	1.1	2.07	0.17	0.3	1.42	0.3	Yes	0.03 Primary Over-Voltage
TSS061	830	'311591671_/_311591682'	0.27	3.73	2.8	0.34	0.27	2.54	0.61	Yes	0.27 Primary Over-Voltage
TSS061	831	'311572729_/_311572736'	0.1	2.4	0.7	0.16	3	4.36	0.43	Yes	0.1 Primary Over-Voltage
TSS061	832	'311557532_/_311557529'	0.03	0.87	0.23	0.05	0.2	1.43	0.14	Yes	0.03 Primary Over-Voltage
TSS061	833	'311592120_/_311592117'	0.13	2.53	1.73	0.17	0.3	1.35	0.3	Yes	0.13 Primary Over-Voltage
TSS061	834	'311558890_/_311558887'	0.03	1.07	2.07	0.17	0.3	1.41	0.3	Yes	0.03 Primary Over-Voltage
TSS061	835	'311572713_/_311572727'	0.1	2.3	0.7	0.16	3	4.31	0.43	Yes	0.1 Primary Over-Voltage
TSS061	836	'311558635_/_311558632'	0.03	1	0.47	0.05	0.9	1.41	0.14	Yes	0.03 Primary Over-Voltage
TSS061	837	'311592260_/_311592257'	0.17	1.87	1.4	0.17	0.13	1.25	0.3	Yes	0.13 Element Fault
TSS061	838	'311558897_/_311558894'	0.03	1.07	2.07	0.17	0.3	1.4	0.3	Yes	0.03 Primary Over-Voltage
TSS061	839	'311557539_/_311557536'	0.03	0.87	0.23	0.05	0.2	1.4	0.14	Yes	0.03 Primary Over-Voltage
TSS061	840	'311572697_/_311572711'	0.1	2.3	0.7	0.16	3	4.27	0.43	Yes	0.1 Primary Over-Voltage
TSS061	841	'311558904_/_311558901'	0.03	1.07	2.07	0.17	0.3	1.39	0.3	Yes	0.03 Primary Over-Voltage
TSS061	842	'311558911_/_311558908'	0.03	1.03	2.07	0.17	0.3	1.37	0.3	Yes	0.03 Primary Over-Voltage
TSS061	843	'311558642_/_311558639'	0.03	0.97	0.47	0.05	0.9	1.38	0.14	Yes	0.03 Primary Over-Voltage
TSS061	844	'311572681_/_311572695'	0.1	2.3	0.7	0.16	3	4.22	0.43	Yes	0.1 Primary Over-Voltage
TSS061	845	'311558918_/_311558915'	0.03	1.03	2.07	0.17	0.3	1.36	0.3	Yes	0.03 Primary Over-Voltage
TSS061	846	'311557546_/_311557543'	0.03	0.87	0.23	0.05	0.2	1.38	0.14	Yes	0.03 Primary Over-Voltage
TSS061	847	'311558925_/_311558922'	0.03	1.03	2.07	0.17	0.3	1.36	0.3	Yes	0.03 Primary Over-Voltage
TSS061	848	'311572665_/_311572679'	0.1	2.2	0.6	0.16	3	4.17	0.43	Yes	0.1 Primary Over-Voltage
TSS061	849	'311558932_/_311558929'	0.03	1.03	2.07	0.17	0.3	1.35	0.3	Yes	0.03 Primary Over-Voltage
TSS061	850	'311558649_/_311558646'	0.03	0.93	0.47	0.05	0.9	1.35	0.14	Yes	0.03 Primary Over-Voltage
TSS061	851	'311572649_/_311572663'	0.1	2.2	0.6	0.16	3	4.13	0.43	Yes	0.1 Primary Over-Voltage
TSS061	852	'311557559_/_311557556'	0.03	0.83	0.23	0.05	0.2	1.35	0.14	Yes	0.03 Primary Over-Voltage
TSS061	853	'311558939_/_311558936'	0.03	1	2.07	0.17	0.3	1.34	0.3	Yes	0.03 Primary Over-Voltage
TSS061	854	'311559026_/_311559023'	0.03	1	2.07	0.17	0.3	1.34	0.3	Yes	0.03 Primary Over-Voltage
TSS061	855	'311559066_/_311559063'	0.03	1	2.07	0.17	0.3	1.33	0.3	Yes	0.03 Primary Over-Voltage
TSS061	856	'311592273_/_311592270'	0.17	1.87	1.4	0.17	0.13	1.19	0.3	Yes	0.13 Element Fault
TSS061	857	'311572627_/_311572647'	0.1	2.2	0.6	0.16	3	4.08	0.43	Yes	0.1 Primary Over-Voltage
TSS061	858	'311559079_/_311559076'	0.03	1	2.07	0.17	0.3	1.32	0.3	Yes	0.03 Primary Over-Voltage
TSS061	859	'311592548_/_311592545'	0.13	1.63	1.73	0.17	0.3	1.27	0.3	Yes	0.13 Primary Over-Voltage
TSS061	860	'311557566_/_311557563'	0.03	0.83	0.23	0.05	0.2	1.33	0.14	Yes	0.03 Primary Over-Voltage
TSS061	861	'435090954_/_311602882'	0.13	1.6	1.73	0.17	0.3	1.27	0.3	Yes	0.13 Primary Over-Voltage
TSS061	862	'311572601_/_311572625'	0.1	2.1	0.6	0.16	3	4.04	0.43	Yes	0.1 Primary Over-Voltage
TSS061	863	'311572446_/_311572599'	0.1	2.1	0.6	0.16	3	4.01	0.43	Yes	0.1 Primary Over-Voltage
TSS061	864	'311557573_/_311557570'	0.03	0.8	0.23	0.05	0.2	1.3	0.14	Yes	0.03 Primary Over-Voltage
TSS061	865	'311688389_/_311572444'	0.1	2.1	0.6	0.16	3	3.94	0.43	Yes	0.1 Primary Over-Voltage
TSS061	866	'350866309_/_311572412_1'	0.03	0.7	0.2	0.05	0.2	1.29	0.14	Yes	0.03 Primary Over-Voltage
TSS061	867	'311572415_/_311572412_2'	0.03	0.7	0.2	0.05	0.2	1.29	0.14	Yes	0.03 Primary Over-Voltage
TSS061	868	'311557657_/_311557963'	0.03	0.8	0.23	0.05	0.2	1.28	0.14	Yes	0.03 Primary Over-Voltage
TSS061	869	'311572470_/_311572467'	0.1	2	0.6	0.16	3	3.9	0.43	Yes	0.1 Primary Over-Voltage
TSS061	870	'311628964_/_311557655_1'	0.03	0.8	0.23	0.05	0.1	1.28	0.14	Yes	0.03 Primary Over-Voltage
TSS061	871	'311591670_/_311591668'	0.2	3.73	2.8	0.34	0.27	2.29	0.61	Yes	0.2 Primary Over-Voltage
TSS061	872	'311557827_/_311557824'	0.03	0.8	0.23	0.05	0.2	1.26	0.14	Yes	0.03 Primary Over-Voltage
TSS061	873	'311557658_/_311557655_2'	0.03	0.8	0.23	0.05	0.1	1.26	0.14	Yes	0.03 Primary Over-Voltage
TSS061	874	'311572489_/_311572486'	0.1	2	0.6	0.16	3	3.82	0.43	Yes	0.1 Primary Over-Voltage
TSS061	875	'311592555_/_311592552'	0.1	1.37	1.73	0.17	0.3	1.19	0.3	Yes	0.1 Primary Over-Voltage
TSS061	876	'311557671_/_311557668'	0.03	0.77	0.23	0.05	0.1	1.24	0.14	Yes	0.03 Primary Over-Voltage
TSS061	877	'311557834_/_311557831'	0.03	0.77	0.23	0.05	0.2	1.24	0.14	Yes	0.03 Primary Over-Voltage
TSS061	878	'435772893_/_311602889'	0.13	1.33	1.73	0.17	0.3	1.19	0.3	Yes	0.13 Primary Over-Voltage
TSS061	879	'311602905_/_311602909'	0.13	1.33	1.73	0.17	0.3	1.18	0.3	Yes	0.13 Primary Over-Voltage
TSS061	880	'311572511_/_311572508'	0.1	2	0.6	0.16	3	3.76	0.43	Yes	0.1 Primary Over-Voltage
TSS061	881	'311557678_/_311557675'	0.03	0.77	0.23	0.05	0.1	1.22	0.14	Yes	0.03 Primary Over-Voltage
TSS061	882	'311557847_/_311557844'	0.03	0.77	0.23	0.05	0.2	1.21	0.14	Yes	0.03 Primary Over-Voltage
TSS061	883	'435772799_/_435772742_1'	0.13	1.3	1.73	0.17	0.1	1.17	0.3	Yes	0.1 Element Fault
TSS061	884	'311572520_/_311572517'	0.1	1.9	0.6	0.16	3	3.7	0.43	Yes	0.1 Primary Over-Voltage
TSS061	885	'311557685_/_311557682'	0.03	0.73	0.23	0.05	0.1	1.2	0.14	Yes	0.03 Primary Over-Voltage
TSS061	886	'311557854_/_311557851'	0.03	0.73	0.23	0.05	0.2	1.19	0.14	Yes	0.03 Primary Over-Voltage
TSS061	887	'311572536_/_311572533'	0.1	1.9	0.5	0.16	3	3.64	0.43	Yes	0.1 Primary Over-Voltage
TSS061	888	'311557698_/_311557695'	0.03	0.73	0.23	0.05	0.1	1.18	0.14	Yes	0.03 Primary Over-Voltage
TSS061	889	'311557861_/_311557858'	0.03	0.73	0.23	0.05	0.2	1.17	0.14	Yes	0.03 Primary Over-Voltage
TSS061	890	'311572559_/_311572556'	0.1	1.8	0.5	0.16	3	3.59	0.43	Yes	0.1 Primary Over-Voltage
TSS061	891	'311592307_/_311592305'	0.13	3.73	2.8	0.34	0.27	2.13	0.61	Yes	0.13 Primary Over-Voltage
TSS061	892	'311557705_/_311557702'	0.03	0.73	0.23	0.05	0.1	1.16	0.14	Yes	0.03 Primary Over-Voltage
TSS061	893	'311572578_/_311572575'	0.1	1.8	0.5	0.16	3	3.53	0.43	Yes	0.1 Primary Over-Voltage
TSS061	894	'311557874_/_311557871'	0.03	0.73	0.23	0.05	0.2	1.15	0.14	Yes	0.03 Primary Over-Voltage
TSS061	895	'311602919_/_311602916'	0.1	1.17	1.73	0.17	0.3	1.11	0.3	Yes	0.1 Primary Over-Voltage
TSS061	896	'311557712_/_311557709'	0.03	0.7	0.23	0.05	0.1	1.14	0.14	Yes	0.03 Primary Over-Voltage
TSS061	897	'311572398_/_311572590'	0.1	1.8	0.5	0.16	3	3.48	0.43	Yes	0.1 Primary Over-Voltage
TSS061	898	'311569213_/_311572396'	0.1	1.8	0.5	0.16	3	3.47	0.43	Yes	0.1 Primary Over-Voltage
TSS061	899	'311557881_/_311557878'	0.03	0.7	0.23	0.05	0.2	1.13	0.14	Yes	0.03 Primary Over-Voltage
TSS061	900	'311602904_/_311602902'	0.1	1.13	1.73	0.17	0.3	1.09	0.3	Yes	0.1 Primary Over-Voltage
TSS061	901	'311557725_/_311557722'	0.03	0.7	0.23	0.05	0.1	1.12	0.14	Yes	0.03 Primary Over-Voltage
TSS061	902	'311570186_/_311572374'	0.1	1.7	0.5	0.16	3	3.43	0.43	Yes	0.1 Primary Over-Voltage
TSS061	903	'311688403_/_311569680_1'	0.03	0.6	0.17	0.01	0.9	1.12	0.14	Yes	0.01 Thermal Discharging
TSS061	904	'311569683_/_311569680_2'	0.03	0.6	0.17	0.01	0.9	1.12	0.14	Yes	0.01 Thermal Discharging
TSS061	905	'311557888_/_311557885'	0.03	0.7	0.23	0.05	0.2	1.11	0.14	Yes	0.03 Primary Over-Voltage
TSS061	906	'311571912_/_311571909'	0.03	0.7	0.23	0.05	0.2	1.11	0.14	Yes	0.03 Primary Over-Voltage
TSS061	907	'311557732_/_311557729'	0.03	0.7	0.23	0.05	0.1	1.1	0.14	Yes	0.03 Primary Over-Voltage
TSS061	908	'311570187_/_311570184'	0.1	1.7	0.5	0.16	3	3.39	0.43	Yes	0.1 Primary Over-Voltage
TSS061	909	'311569696_/_311569693'	0.03	0.6	0.17	0.01	0.9	1.1	0.14	Yes	0.01 Thermal Discharging
TSS061	910	'330138944_/_330138942'	0.03	0.6	0.17	0.01	0.9	1.1	0.14	Yes	0.01 Thermal Discharging
TSS061	911	'311637980_/_311569211_1'	0.03	0.6	0.17	0.01	0.2	1.1	0.14	Yes	0.01 Thermal Discharging
TSS061	912	'311571919_/_311571916'	0.03	0.7	0.23	0.05	0.2	1.09	0.14	Yes	0.03 Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TSS061	913	'311592322_/_311592327'		0.13	3.07	2.8	0.34	0.27	2.01	0.61 Yes	0.13 Primary Over-Voltage
TSS061	914	'311569627_/_311570193'		0.1	1.7	0.5	0.16	3	3.35	0.43 Yes	0.1 Primary Over-Voltage
TSS061	915	'311688329_/_311569625_1'		0.03	0.57	0.17	0.05	0.2	1.09	0.14 Yes	0.03 Primary Over-Voltage
TSS061	916	'311569628_/_311569625_2'		0.03	0.57	0.17	0.05	0.2	1.09	0.14 Yes	0.03 Primary Over-Voltage
TSS061	917	'311569214_/_311569211_2'		0.03	0.6	0.17	0.01	0.2	1.09	0.14 Yes	0.01 Thermal Discharging
TSS061	918	'311569703_/_311569700'		0.03	0.6	0.17	0.01	0.9	1.09	0.14 Yes	0.01 Thermal Discharging
TSS061	919	'311572126_/_311572123'		0.03	0.67	0.27	0.05	0.2	1.08	0.14 Yes	0.03 Primary Over-Voltage
TSS061	920	'435772723_/_435772742_2'		0.1	1.07	1.4	0.17	0.1	1.04	0.3 Yes	0.1 Primary Over-Voltage
TSS061	921	'311570211_/_311570208'		0.1	1.7	0.5	0.16	3	3.31	0.43 Yes	0.1 Primary Over-Voltage
TSS061	922	'311571932_/_311571929'		0.03	0.67	0.27	0.05	0.2	1.07	0.14 Yes	0.03 Primary Over-Voltage
TSS061	923	'311569635_/_311569632'		0.03	0.57	0.17	0.05	0.2	1.08	0.14 Yes	0.03 Primary Over-Voltage
TSS061	924	'311569710_/_311569707'		0.03	0.6	0.17	0.01	0.9	1.07	0.14 Yes	0.01 Thermal Discharging
TSS061	925	'311569227_/_311569224'		0.03	0.6	0.17	0.01	0.2	1.07	0.14 Yes	0.01 Thermal Discharging
TSS061	926	'311572139_/_311572136'		0.03	0.67	0.27	0.05	0.2	1.06	0.14 Yes	0.03 Primary Over-Voltage
TSS061	927	'311570226_/_311570223'		0.1	1.6	0.5	0.16	3	3.27	0.43 Yes	0.1 Primary Over-Voltage
TSS061	928	'311571945_/_311571942'		0.03	0.67	0.27	0.05	0.2	1.06	0.14 Yes	0.03 Primary Over-Voltage
TSS061	929	'311569717_/_311569714'		0.03	0.6	0.17	0.01	0.9	1.06	0.14 Yes	0.01 Thermal Discharging
TSS061	930	'311570235_/_311570232'		0.1	1.6	0.5	0.16	3	3.23	0.43 Yes	0.1 Primary Over-Voltage
TSS061	931	'311569234_/_311569231'		0.03	0.6	0.17	0.01	0.2	1.06	0.14 Yes	0.01 Thermal Discharging
TSS061	932	'311571952_/_311571949'		0.03	0.67	0.27	0.05	0.2	1.04	0.14 Yes	0.03 Primary Over-Voltage
TSS061	933	'311602932_/_311602929'		0.1	1	1.4	0.17	0.3	1.01	0.3 Yes	0.1 Primary Over-Voltage
TSS061	934	'311570244_/_311570241'		0.1	1.6	0.5	0.16	3	3.2	0.43 Yes	0.1 Primary Over-Voltage
TSS061	935	'311569724_/_311569721'		0.03	0.6	0.17	0.01	0.9	1.04	0.14 Yes	0.01 Thermal Discharging
TSS061	936	'311569241_/_311569238'		0.03	0.6	0.17	0.01	0.2	1.04	0.14 Yes	0.01 Thermal Discharging
TSS061	937	'311571959_/_311571956'		0.03	0.63	0.27	0.05	0.2	1.03	0.14 Yes	0.03 Primary Over-Voltage
TSS061	938	'311570259_/_311570256'		0.1	1.6	0.5	0.16	3	3.16	0.43 Yes	0.1 Primary Over-Voltage
TSS061	939	'311569731_/_311569728'		0.03	0.6	0.17	0.01	0.9	1.03	0.14 Yes	0.01 Thermal Discharging
TSS061	940	'311569248_/_311569245'		0.03	0.6	0.17	0.01	0.2	1.03	0.14 Yes	0.01 Thermal Discharging
TSS061	941	'311570268_/_311570265'		0.1	1.6	0.5	0.16	3	3.12	0.43 Yes	0.1 Primary Over-Voltage
TSS061	942	'311557980_/_311571963'		0.03	0.63	0.27	0.05	0.2	1.01	0.14 Yes	0.03 Primary Over-Voltage
TSS061	943	'311569744_/_311569741'		0.03	0.6	0.17	0.01	0.9	1.01	0.14 Yes	0.01 Thermal Discharging
TSS061	944	'311569255_/_311569252'		0.03	0.6	0.17	0.01	0.2	1.01	0.14 Yes	0.01 Thermal Discharging
TSS061	945	'311557979_/_311557977'		0.03	0.63	0.27	0.05	0.2	1.01	0.14 Yes	0.03 Primary Over-Voltage
TSS061	946	'311570277_/_311570274'		0.1	1.5	0.4	0.16	3	3.09	0.43 Yes	0.1 Primary Over-Voltage
TSS061	947	'311591620_/_311592319'		0.13	3.07	2.8	0.34	0.27	1.86	0.61 Yes	0.13 Primary Over-Voltage
TSS061	948	'311592420_/_311592403'		0.13	3.07	2.8	0.34	0.27	1.85	0.61 Yes	0.13 Primary Over-Voltage
TSS061	949	'311571979_/_311571976'		0.03	0.63	0.27	0.05	0.2	1	0.14 Yes	0.03 Primary Over-Voltage
TSS061	950	'311569751_/_311569748'		0.03	0.57	0.17	0.01	0.9	1	0.14 Yes	0.01 Thermal Discharging
TSS061	951	'311569268_/_311569265'		0.03	0.57	0.17	0.01	0.2	1	0.14 Yes	0.01 Thermal Discharging
TSS061	952	'311570286_/_311570283'		0.1	1.5	0.4	0.16	3	3.06	0.43 Yes	0.1 Primary Over-Voltage
TSS061	953	'759259851_/_311592388_1'		0.13	3.07	2.8	0.34	0.1	1.83	0.61 Yes	0.1 Element Fault
TSS061	954	'311571992_/_311571989'		0.03	0.63	0.27	0.05	0.2	0.98	0.14 Yes	0.03 Primary Over-Voltage
TSS061	955	'311569764_/_311569761'		0.03	0.57	0.17	0.01	0.9	0.99	0.14 Yes	0.01 Thermal Discharging
TSS061	956	'311570295_/_311570292'		0.1	1.5	0.4	0.16	3	3.02	0.43 Yes	0.1 Primary Over-Voltage
TSS061	957	'311569275_/_311569272'		0.03	0.57	0.17	0.01	0.2	0.98	0.14 Yes	0.01 Thermal Discharging
TSS061	958	'311602939_/_311602949'		0.1	0.9	1.4	0.17	0.3	0.95	0.3 Yes	0.1 Primary Over-Voltage
TSS061	959	'311570310_/_311570307'		0.1	1.5	0.4	0.16	3	2.99	0.43 Yes	0.1 Primary Over-Voltage
TSS061	960	'311569771_/_311569768'		0.03	0.57	0.17	0.01	0.9	0.97	0.14 Yes	0.01 Thermal Discharging
TSS061	961	'311571999_/_311571996'		0.03	0.6	0.27	0.05	0.2	0.97	0.14 Yes	0.03 Primary Over-Voltage
TSS061	962	'311569288_/_311569285'		0.03	0.57	0.17	0.01	0.2	0.97	0.14 Yes	0.01 Thermal Discharging
TSS061	963	'311570319_/_311570316'		0.1	1.5	0.4	0.16	3	2.96	0.43 Yes	0.1 Primary Over-Voltage
TSS061	964	'311569778_/_311569775'		0.03	0.57	0.17	0.01	0.9	0.96	0.14 Yes	0.01 Thermal Discharging
TSS061	965	'311569295_/_311569292'		0.03	0.57	0.17	0.01	0.2	0.96	0.14 Yes	0.01 Thermal Discharging
TSS061	966	'311558287_/_311572003'		0.03	0.6	0.27	0.05	0.2	0.95	0.14 Yes	0.03 Primary Over-Voltage
TSS061	967	'588832988_/_311572016_1'		0.03	0.6	0.27	0.05	0.1	0.95	0.14 Yes	0.03 Primary Over-Voltage
TSS061	968	'350866041_/_311558285_1'		0.03	0.6	0.27	0.05	0.2	0.95	0.14 Yes	0.03 Primary Over-Voltage
TSS061	969	'350866023_/_311572016_2'		0.03	0.6	0.27	0.05	0.1	0.95	0.14 Yes	0.03 Primary Over-Voltage
TSS061	970	'588832951_/_311558285_2'		0.03	0.6	0.27	0.05	0.1	0.95	0.14 Yes	0.03 Primary Over-Voltage
TSS061	971	'311570328_/_311570325'		0.1	1.4	0.4	0.16	3	2.93	0.43 Yes	0.1 Primary Over-Voltage
TSS061	972	'311558288_/_311558285_3'		0.03	0.6	0.27	0.05	0.1	0.95	0.14 Yes	0.03 Primary Over-Voltage
TSS061	973	'311569785_/_311569782'		0.03	0.57	0.17	0.01	0.9	0.95	0.14 Yes	0.01 Thermal Discharging
TSS061	974	'311569302_/_311569299'		0.03	0.57	0.17	0.01	0.2	0.95	0.14 Yes	0.01 Thermal Discharging
TSS061	975	'311570337_/_311570334'		0.1	1.4	0.4	0.16	3	2.9	0.43 Yes	0.1 Primary Over-Voltage
TSS061	976	'311572019_/_311572016_3'		0.03	0.6	0.27	0.05	0.1	0.94	0.14 Yes	0.03 Primary Over-Voltage
TSS061	977	'311558009_/_311558292'		0.03	0.6	0.27	0.05	0.1	0.94	0.14 Yes	0.03 Primary Over-Voltage
TSS061	978	'311591619_/_311591617'		0.13	3.07	2.8	0.34	0.27	1.75	0.61 Yes	0.13 Primary Over-Voltage
TSS061	979	'317817328_/_311592388_2'		0.13	3.07	2.8	0.34	0.1	1.74	0.61 Yes	0.1 Element Fault
TSS061	980	'311569659_/_311569789'		0.03	0.53	0.17	0.01	0.9	0.94	0.14 Yes	0.01 Thermal Discharging
TSS061	981	'311569315_/_311569312'		0.03	0.53	0.17	0.01	0.2	0.93	0.14 Yes	0.01 Thermal Discharging
TSS061	982	'311570346_/_311570343'		0.1	1.4	0.4	0.16	3	2.87	0.43 Yes	0.1 Primary Over-Voltage
TSS061	983	'311558010_/_311558007'		0.03	0.6	0.27	0.05	0.1	0.93	0.14 Yes	0.03 Primary Over-Voltage
TSS061	984	'311569660_/_311569657'		0.03	0.53	0.17	0.01	0.9	0.93	0.14 Yes	0.01 Thermal Discharging
TSS061	985	'311572032_/_311572029'		0.03	0.6	0.27	0.05	0.1	0.92	0.14 Yes	0.03 Primary Over-Voltage
TSS061	986	'311569805_/_311569802'		0.03	0.53	0.17	0.01	0.9	0.92	0.14 Yes	0.01 Thermal Discharging
TSS061	987	'311570361_/_311570358'		0.1	1.4	0.4	0.16	3	2.84	0.43 Yes	0.1 Primary Over-Voltage
TSS061	988	'311569322_/_311569319'		0.03	0.53	0.17	0.01	0.2	0.92	0.14 Yes	0.01 Thermal Discharging
TSS061	989	'311558017_/_311558014'		0.03	0.57	0.27	0.05	0.1	0.91	0.14 Yes	0.03 Primary Over-Voltage
TSS061	990	'311572039_/_311572036'		0.03	0.57	0.27	0.05	0.1	0.91	0.14 Yes	0.03 Primary Over-Voltage
TSS061	991	'311570370_/_311570367'		0.1	1.4	0.4	0.16	3	2.81	0.43 Yes	0.1 Primary Over-Voltage
TSS061	992	'311569818_/_311569815'		0.03	0.53	0.17	0.01	0.9	0.91	0.14 Yes	0.01 Thermal Discharging
TSS061	993	'311569335_/_311569332'		0.03	0.53	0.17	0.01	0.2	0.91	0.14 Yes	0.01 Thermal Discharging
TSS061	994	'311558024_/_311558021'		0.03	0.57	0.27	0.05	0.1	0.9	0.14 Yes	0.03 Primary Over-Voltage
TSS061	995	'311570379_/_311570376'		0.1	1.4	0.4	0.16	3	2.78	0.43 Yes	0.1 Primary Over-Voltage
TSS061	996	'311569831_/_311569828'		0.03	0.53	0.17	0.01	0.9	0.9	0.14 Yes	0.01 Thermal Discharging
TSS061	997	'311572046_/_311572043'		0.03	0.57	0.27	0.05	0.1	0.9	0.14 Yes	0.03 Primary Over-Voltage
TSS061	998	'311569166_/_311569345'		0.03	0.53	0.17	0.01	0.2	0.9	0.14 Yes	0.01 Thermal Discharging
TSS061	999	'311558037_/_311558034'		0.03	0.57	0.27	0.05	0.1	0.89	0.14 Yes	0.03 Primary Over-Voltage
TSS061	1000	'311570388_/_311570385'		0.1	1.3	0.4	0.16	3	2.75	0.43 Yes	0.03 Primary Over-Voltage
TSS061	1001	'311688307_/_311570400_1'		0.1	1.3	0.4	0.16	3	2.75	0.43 Yes	0.1 Primary Over-Voltage
TSS061	1002	'311569167_/_311569164'		0.03	0.53	0.17	0.01	0.2	0.89	0.14 Yes	0.01 Thermal Discharging
TSS061	1003	'311569838_/_311569835'		0.03	0.53	0.17	0.01	0.9	0.89	0.14 Yes	0.01 Thermal Discharging
TSS061	1004	'311569361_/_311569358'		0.03	0.53	0.17	0.01	0.2	0.89	0.14 Yes	0.01 Thermal Discharging
TSS061	1005	'311567761_/_311570400_2'		0.1	1.3	0.4	0.16	3	2.73	0.43 Yes	0.1 Primary Over-Voltage
TSS061	1006	'311572059_/_311572056'		0.03	0.57	0.27	0.05	0.1	0.88	0.14 Yes	0.03 Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TSS061	1007	'350925246_/311567771_1'	0.03	0.43	0.13	0.05	0.2	0.89	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1008	'350925341_/311567771_2'	0.03	0.43	0.13	0.05	0.2	0.89	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1009	'311558044_/311558041'	0.03	0.57	0.27	0.05	0.1	0.88	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1010	'311569845_/311569842'	0.03	0.5	0.17	0.01	0.9	0.88	0.14 Yes	0.01	Thermal Discharging
TSS061	1011	'311568842_/311568854'	0.1	1.3	0.4	0.16	3	2.7	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1012	'311569374_/311569371'	0.03	0.5	0.17	0.01	0.2	0.88	0.14 Yes	0.01	Thermal Discharging
TSS061	1013	'311602432_/311602936'	0.07	0.77	1.4	0.17	0.3	0.85	0.3 Yes	0.07	Primary Over-Voltage
TSS061	1014	'311558051_/311558048'	0.03	0.57	0.27	0.05	0.1	0.87	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1015	'311572066_/311572063'	0.03	0.57	0.27	0.05	0.1	0.87	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1016	'311567754_/311567758'	0.03	0.43	0.13	0.05	0.2	0.87	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1017	'311567774_/311567771_3'	0.03	0.43	0.13	0.05	0.2	0.87	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1018	'311569852_/311569849'	0.03	0.5	0.17	0.01	0.9	0.87	0.14 Yes	0.01	Thermal Discharging
TSS061	1019	'311568833_/311568839'	0.1	1.3	0.4	0.16	3	2.68	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1020	'311569381_/311569378'	0.03	0.5	0.17	0.01	0.2	0.87	0.14 Yes	0.01	Thermal Discharging
TSS061	1021	'311558064_/311558061'	0.03	0.57	0.27	0.05	0.1	0.86	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1022	'311572073_/311572070'	0.03	0.53	0.27	0.05	0.1	0.86	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1023	'311568818_/311568830'	0.1	1.3	0.4	0.16	3	2.65	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1024	'311567747_/311567751'	0.03	0.43	0.13	0.05	0.2	0.86	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1025	'311569859_/311569856'	0.03	0.5	0.17	0.01	0.9	0.86	0.14 Yes	0.01	Thermal Discharging
TSS061	1026	'311558325_/311558322'	0.03	0.53	0.27	0.05	0.1	0.85	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1027	'311569388_/311569385'	0.03	0.5	0.17	0.01	0.2	0.86	0.14 Yes	0.01	Thermal Discharging
TSS061	1028	'311567787_/311567784'	0.03	0.43	0.13	0.05	0.2	0.86	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1029	'311558071_/311558068'	0.03	0.53	0.27	0.05	0.1	0.85	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1030	'311568011_/311568815'	0.1	1.3	0.4	0.16	3	2.63	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1031	'311688343_/311568009_1'	0.03	0.43	0.13	0.05	0.2	0.85	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1032	'311569866_/311569863'	0.03	0.5	0.17	0.01	0.9	0.85	0.14 Yes	0.01	Thermal Discharging
TSS061	1033	'311572080_/311572077'	0.03	0.53	0.27	0.05	0.1	0.84	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1034	'311568012_/311568009_2'	0.03	0.43	0.13	0.05	0.2	0.85	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1035	'311567734_/311567744'	0.03	0.43	0.13	0.05	0.2	0.85	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1036	'311569395_/311569392'	0.03	0.5	0.17	0.01	0.2	0.85	0.14 Yes	0.01	Thermal Discharging
TSS061	1037	'311558078_/311558075'	0.03	0.53	0.27	0.05	0.1	0.84	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1038	'311568794_/311568800'	0.1	1.3	0.4	0.16	3	2.6	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1039	'311569879_/311569876'	0.03	0.5	0.17	0.01	0.9	0.84	0.14 Yes	0.01	Thermal Discharging
TSS061	1040	'311567794_/311567791'	0.03	0.43	0.13	0.05	0.2	0.84	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1041	'311572093_/311572090'	0.03	0.53	0.27	0.05	0.1	0.83	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1042	'311569408_/311569405'	0.03	0.5	0.17	0.01	0.2	0.84	0.14 Yes	0.01	Thermal Discharging
TSS061	1043	'311568785_/311568791'	0.1	1.2	0.4	0.16	3	2.58	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1044	'311567721_/311567731'	0.03	0.43	0.13	0.05	0.2	0.84	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1045	'311567933_/311567930'	0.03	0.43	0.13	0.05	0.2	0.84	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1046	'311558091_/311558088'	0.03	0.53	0.27	0.05	0.1	0.83	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1047	'311569886_/311569883'	0.03	0.5	0.17	0.01	0.9	0.83	0.14 Yes	0.01	Thermal Discharging
TSS061	1048	'311569421_/311569418'	0.03	0.5	0.17	0.01	0.2	0.83	0.14 Yes	0.01	Thermal Discharging
TSS061	1049	'311572106_/311572103'	0.03	0.53	0.27	0.05	0.1	0.82	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1050	'311568770_/311568782'	0.1	1.2	0.3	0.16	3	2.55	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1051	'311567940_/311567937'	0.03	0.43	0.13	0.05	0.2	0.83	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1052	'311558098_/311558095'	0.03	0.53	0.27	0.05	0.1	0.82	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1053	'311567801_/311567798'	0.03	0.43	0.13	0.05	0.2	0.83	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1054	'311568019_/311568016'	0.03	0.43	0.13	0.05	0.2	0.83	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1055	'311567714_/311567718'	0.03	0.43	0.13	0.05	0.2	0.83	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1056	'311569899_/311569896'	0.03	0.5	0.17	0.01	0.9	0.82	0.14 Yes	0.01	Thermal Discharging
TSS061	1057	'311568761_/311568767'	0.1	1.2	0.3	0.16	3	2.53	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1058	'311572113_/311572110'	0.03	0.53	0.27	0.05	0.1	0.82	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1059	'311567907_/311567904'	0.03	0.43	0.13	0.05	0.2	0.82	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1060	'311558105_/311558102'	0.03	0.53	0.27	0.05	0.1	0.81	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1061	'311567707_/311567711'	0.03	0.43	0.13	0.05	0.2	0.81	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1062	'311568752_/311568758'	0.1	1.2	0.3	0.16	3	2.51	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1063	'311567920_/311567917'	0.03	0.43	0.13	0.05	0.2	0.81	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1064	'311569906_/311569903'	0.03	0.47	0.17	0.01	0.9	0.81	0.14 Yes	0.01	Thermal Discharging
TSS061	1065	'311567814_/311567811'	0.03	0.43	0.13	0.05	0.2	0.81	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1066	'311558118_/311558115'	0.03	0.53	0.27	0.05	0.1	0.8	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1067	'311568743_/311568749'	0.1	1.2	0.3	0.16	3	2.48	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1068	'311569913_/311569910'	0.03	0.47	0.17	0.01	0.9	0.8	0.14 Yes	0.01	Thermal Discharging
TSS061	1069	'311567706_/311567704'	0.03	0.43	0.13	0.05	0.2	0.8	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1070	'311558125_/311558122'	0.03	0.5	0.27	0.05	0.1	0.79	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1071	'311568734_/311568740'	0.1	1.2	0.3	0.16	3	2.46	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1072	'311567827_/311567824'	0.03	0.43	0.13	0.05	0.2	0.8	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1073	'311559291_/311602430'	0.07	0.67	1.4	0.17	0.3	0.78	0.3 Yes	0.07	Primary Over-Voltage
TSS061	1074	'311569920_/311569917'	0.03	0.47	0.17	0.01	0.9	0.79	0.14 Yes	0.01	Thermal Discharging
TSS061	1075	'311636885_/311568731_2'	0.1	1.2	0.3	0.16	3	2.44	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1076	'311567953_/311567950'	0.03	0.43	0.13	0.05	0.2	0.79	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1077	'311568725_/311568731_1'	0.1	1.2	0.3	0.16	3	2.44	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1078	'311558132_/311558129'	0.03	0.5	0.27	0.05	0.1	0.79	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1079	'311569927_/311569924'	0.03	0.47	0.17	0.01	0.9	0.78	0.14 Yes	0.01	Thermal Discharging
TSS061	1080	'311568710_/311568722'	0.1	1.2	0.3	0.16	3	2.42	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1081	'311567834_/311567831'	0.03	0.43	0.13	0.05	0.2	0.78	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1082	'311558145_/311558142'	0.03	0.5	0.27	0.05	0.1	0.78	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1083	'311567966_/311567963'	0.03	0.43	0.13	0.05	0.2	0.78	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1084	'311558790_/311558787'	0.03	0.5	0.27	0.05	0.1	0.77	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1085	'311568695_/311568707'	0.1	1.1	0.3	0.16	3	2.4	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1086	'311569934_/311569931'	0.03	0.47	0.17	0.01	0.9	0.77	0.14 Yes	0.01	Thermal Discharging
TSS061	1087	'311558803_/311558800'	0.03	0.5	0.27	0.05	0.1	0.77	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1088	'311567979_/311567976'	0.03	0.43	0.13	0.05	0.2	0.77	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1089	'311567841_/311567838'	0.03	0.43	0.13	0.05	0.2	0.77	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1090	'311568321_/311568692'	0.1	1.1	0.3	0.16	3	2.38	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1091	'311636871_/311568319_1'	0.03	0.37	0.1	0.05	0.2	0.77	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1092	'311558810_/311558807'	0.03	0.5	0.27	0.05	0.1	0.76	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1093	'311570796_/311570800'	0.03	0.47	0.17	0.01	0.9	0.77	0.14 Yes	0.01	Thermal Discharging
TSS061	1094	'311568322_/311568319_2'	0.03	0.37	0.1	0.05	0.2	0.77	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1095	'311570816_/311570813'	0.03	0.47	0.17	0.01	0.9	0.76	0.14 Yes	0.01	Thermal Discharging
TSS061	1096	'311568671_/311568677'	0.1	1.1	0.3	0.16	3	2.36	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1097	'311568335_/311568332'	0.03	0.37	0.1	0.05	0.2	0.76	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1098	'311567986_/311567983'	0.03	0.43	0.13	0.05	0.2	0.76	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1099	'311570783_/311570793'	0.03	0.47	0.17	0.01	0.9	0.76	0.14 Yes	0.01	Thermal Discharging
TSS061	1100	'311567854_/311567851'	0.03	0.43	0.13	0.05	0.2	0.76	0.14 Yes	0.03	Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TSS061	1101	'311570829_/_311570826'	0.03	0.47	0.17	0.01	0.9	0.76	0.14 Yes	0.01 Thermal Discharging	
TSS061	1102	'311568662_/_311568668'	0.1	1.1	0.3	0.16	3	2.34	0.43 Yes	0.1 Primary Over-Voltage	
TSS061	1103	'311568348_/_311568345'	0.03	0.37	0.1	0.05	0.2	0.76	0.14 Yes	0.03 Primary Over-Voltage	
TSS061	1104	'311567999_/_311567996'	0.03	0.43	0.13	0.05	0.2	0.75	0.14 Yes	0.03 Primary Over-Voltage	
TSS061	1105	'311570776_/_311570780'	0.03	0.43	0.17	0.01	0.9	0.75	0.14 Yes	0.01 Thermal Discharging	
TSS061	1106	'311571630_/_311571627'	0.03	0.43	0.17	0.01	0.9	0.75	0.14 Yes	0.01 Thermal Discharging	
TSS061	1107	'311568653_/_311568659'	0.1	1.1	0.3	0.16	3	2.32	0.43 Yes	0.1 Primary Over-Voltage	
TSS061	1108	'311570842_/_311570839'	0.03	0.43	0.17	0.01	0.9	0.75	0.14 Yes	0.01 Thermal Discharging	
TSS061	1109	'311567861_/_311567858'	0.03	0.4	0.13	0.05	0.2	0.75	0.14 Yes	0.03 Primary Over-Voltage	
TSS061	1110	'311570769_/_311570773'	0.03	0.43	0.17	0.01	0.9	0.74	0.14 Yes	0.01 Thermal Discharging	
TSS061	1111	'492587394_/_311559289_1'	0.07	0.63	1.4	0.17	0.3	0.73	0.3 Yes	0.07 Primary Over-Voltage	
TSS061	1112	'492587345_/_311559289_2'	0.07	0.63	1.4	0.17	0.3	0.73	0.3 Yes	0.07 Primary Over-Voltage	
TSS061	1113	'311568638_/_311568650'	0.1	1.1	0.3	0.16	3	2.3	0.43 Yes	0.1 Primary Over-Voltage	
TSS061	1114	'311570855_/_311570852'	0.03	0.43	0.17	0.01	0.9	0.74	0.14 Yes	0.01 Thermal Discharging	
TSS061	1115	'311570756_/_311570766'	0.03	0.43	0.17	0.01	0.9	0.73	0.14 Yes	0.01 Thermal Discharging	
TSS061	1116	'311568629_/_311568635'	0.1	1.1	0.3	0.16	3	2.28	0.43 Yes	0.1 Primary Over-Voltage	
TSS061	1117	'311567868_/_311567865'	0.03	0.4	0.13	0.05	0.2	0.73	0.14 Yes	0.03 Primary Over-Voltage	
TSS061	1118	'311568614_/_311568626'	0.1	1.1	0.3	0.16	3	2.26	0.43 Yes	0.1 Primary Over-Voltage	
TSS061	1119	'311570862_/_311570859'	0.03	0.43	0.17	0.01	0.9	0.73	0.14 Yes	0.01 Thermal Discharging	
TSS061	1120	'311570743_/_311570753'	0.03	0.43	0.17	0.01	0.9	0.73	0.14 Yes	0.01 Thermal Discharging	
TSS061	1121	'311568390_/_311568611'	0.1	1.1	0.3	0.16	3	2.24	0.43 Yes	0.1 Primary Over-Voltage	
TSS061	1122	'311571594_/_311571591'	0.03	0.43	0.17	0.01	0.9	0.72	0.14 Yes	0.01 Thermal Discharging	
TSS061	1123	'311688293_/_311568388_1'	0.03	0.37	0.1	0.05	0.2	0.72	0.14 Yes	0.03 Primary Over-Voltage	
TSS061	1124	'311567881_/_311567878'	0.03	0.4	0.13	0.05	0.2	0.72	0.14 Yes	0.03 Primary Over-Voltage	
TSS061	1125	'311570736_/_311570740'	0.03	0.43	0.17	0.01	0.9	0.72	0.14 Yes	0.01 Thermal Discharging	
TSS061	1126	'311570875_/_311570872'	0.03	0.43	0.17	0.01	0.9	0.72	0.14 Yes	0.01 Thermal Discharging	
TSS061	1127	'311567894_/_311567891'	0.03	0.4	0.13	0.05	0.2	0.72	0.14 Yes	0.03 Primary Over-Voltage	
TSS061	1128	'311571607_/_311571604'	0.03	0.43	0.17	0.01	0.9	0.72	0.14 Yes	0.01 Thermal Discharging	
TSS061	1129	'311568391_/_311568388_2'	0.03	0.37	0.1	0.05	0.2	0.72	0.14 Yes	0.03 Primary Over-Voltage	
TSS061	1130	'311561889_/_311568596'	0.1	1.1	0.3	0.16	3	2.22	0.43 Yes	0.1 Primary Over-Voltage	
TSS061	1131	'311570723_/_311570733'	0.03	0.43	0.17	0.01	0.9	0.71	0.14 Yes	0.01 Thermal Discharging	
TSS061	1132	'311570882_/_311570879'	0.03	0.43	0.17	0.01	0.9	0.71	0.14 Yes	0.01 Thermal Discharging	
TSS061	1133	'311568404_/_311568401'	0.03	0.37	0.1	0.05	0.2	0.71	0.14 Yes	0.03 Primary Over-Voltage	
TSS061	1134	'311561874_/_311561886'	0.1	1	0.3	0.16	3	2.2	0.43 Yes	0.1 Primary Over-Voltage	
TSS061	1135	'311570710_/_311570720'	0.03	0.43	0.17	0.01	0.9	0.71	0.14 Yes	0.01 Thermal Discharging	
TSS061	1136	'311561865_/_311561871'	0.1	1	0.3	0.16	3	2.18	0.43 Yes	0.1 Primary Over-Voltage	
TSS061	1137	'311570895_/_311570892'	0.03	0.43	0.17	0.01	0.9	0.7	0.14 Yes	0.01 Thermal Discharging	
TSS061	1138	'311568411_/_311568408'	0.03	0.37	0.1	0.05	0.2	0.71	0.14 Yes	0.03 Primary Over-Voltage	
TSS061	1139	'311571643_/_311571640'	0.03	0.43	0.17	0.01	0.9	0.7	0.14 Yes	0.01 Thermal Discharging	
TSS061	1140	'311570703_/_311570707'	0.03	0.43	0.17	0.01	0.9	0.7	0.14 Yes	0.01 Thermal Discharging	
TSS061	1141	'311571561_/_311571558'	0.03	0.43	0.17	0.01	0.9	0.7	0.14 Yes	0.01 Thermal Discharging	
TSS061	1142	'311559292_/_492587349'	0.07	0.57	1.4	0.17	0.3	0.68	0.3 Yes	0.07 Primary Over-Voltage	
TSS061	1143	'311561856_/_311561862'	0.1	1	0.3	0.16	3	2.16	0.43 Yes	0.1 Primary Over-Voltage	
TSS061	1144	'311571656_/_311571653'	0.03	0.43	0.17	0.01	0.9	0.7	0.14 Yes	0.01 Thermal Discharging	
TSS061	1145	'311568418_/_311568415'	0.03	0.37	0.1	0.05	0.2	0.7	0.14 Yes	0.03 Primary Over-Voltage	
TSS061	1146	'311570908_/_311570905'	0.03	0.43	0.17	0.01	0.9	0.69	0.14 Yes	0.01 Thermal Discharging	
TSS061	1147	'311570696_/_311570700'	0.03	0.43	0.17	0.01	0.9	0.69	0.14 Yes	0.01 Thermal Discharging	
TSS061	1148	'311561847_/_311561853'	0.1	1	0.3	0.16	3	2.15	0.43 Yes	0.1 Primary Over-Voltage	
TSS061	1149	'311568425_/_311568422'	0.03	0.37	0.1	0.05	0.2	0.69	0.14 Yes	0.03 Primary Over-Voltage	
TSS061	1150	'311570915_/_311570912'	0.03	0.4	0.17	0.01	0.9	0.69	0.14 Yes	0.01 Thermal Discharging	
TSS061	1151	'311570689_/_311570693'	0.03	0.4	0.17	0.01	0.9	0.68	0.14 Yes	0.01 Thermal Discharging	
TSS061	1152	'311561832_/_311561844'	0.1	1	0.3	0.16	3	2.13	0.43 Yes	0.1 Primary Over-Voltage	
TSS061	1153	'311568438_/_311568435'	0.03	0.37	0.1	0.05	0.2	0.68	0.14 Yes	0.03 Primary Over-Voltage	
TSS061	1154	'311561823_/_311561829'	0.1	1	0.3	0.16	3	2.11	0.43 Yes	0.1 Primary Over-Voltage	
TSS061	1155	'311570676_/_311570686'	0.03	0.4	0.17	0.01	0.9	0.68	0.14 Yes	0.01 Thermal Discharging	
TSS061	1156	'311570922_/_311570919'	0.03	0.4	0.17	0.01	0.9	0.68	0.14 Yes	0.01 Thermal Discharging	
TSS061	1157	'462338500_/_462338502'	0.1	1	0.3	0.16	3	2.11	0.43 Yes	0.1 Primary Over-Voltage	
TSS061	1158	'311561814_/_311561820'	0.1	1	0.3	0.16	3	2.09	0.43 Yes	0.1 Primary Over-Voltage	
TSS061	1159	'311561211_/_311568442'	0.03	0.37	0.1	0.05	0.2	0.68	0.14 Yes	0.03 Primary Over-Voltage	
TSS061	1160	'311570669_/_311570673'	0.03	0.4	0.17	0.01	0.9	0.67	0.14 Yes	0.01 Thermal Discharging	
TSS061	1161	'311570935_/_311570932'	0.03	0.4	0.17	0.01	0.9	0.67	0.14 Yes	0.01 Thermal Discharging	
TSS061	1162	'311561805_/_311561811'	0.1	1	0.3	0.16	3	2.09	0.43 Yes	0.1 Primary Over-Voltage	
TSS061	1163	'311561212_/_311561209'	0.03	0.37	0.1	0.05	0.2	0.67	0.14 Yes	0.03 Primary Over-Voltage	
TSS061	1164	'311561796_/_311561802'	0.1	1	0.3	0.16	3	2.08	0.43 Yes	0.1 Primary Over-Voltage	
TSS061	1165	'311568491_/_311568488'	0.03	0.37	0.1	0.05	0.2	0.67	0.14 Yes	0.03 Primary Over-Voltage	
TSS061	1166	'311561781_/_311561793'	0.1	1	0.3	0.16	3	2.07	0.43 Yes	0.1 Primary Over-Voltage	
TSS061	1167	'311570662_/_311570666'	0.03	0.4	0.17	0.01	0.9	0.67	0.14 Yes	0.01 Thermal Discharging	
TSS061	1168	'311568458_/_311568455'	0.03	0.37	0.1	0.05	0.2	0.67	0.14 Yes	0.03 Primary Over-Voltage	
TSS061	1169	'311561766_/_311561778'	0.1	1	0.3	0.16	3	2.06	0.43 Yes	0.1 Primary Over-Voltage	
TSS061	1170	'311570942_/_311570939'	0.03	0.4	0.17	0.01	0.9	0.66	0.14 Yes	0.01 Thermal Discharging	
TSS061	1171	'311570655_/_311570659'	0.03	0.4	0.17	0.01	0.9	0.66	0.14 Yes	0.01 Thermal Discharging	
TSS061	1172	'311568471_/_311568468'	0.03	0.37	0.1	0.05	0.2	0.66	0.14 Yes	0.03 Primary Over-Voltage	
TSS061	1173	'311561757_/_311561763'	0.1	1	0.3	0.16	3	2.05	0.43 Yes	0.1 Primary Over-Voltage	
TSS061	1174	'311570949_/_311570946'	0.03	0.4	0.17	0.01	0.9	0.66	0.14 Yes	0.01 Thermal Discharging	
TSS061	1175	'311570648_/_311570652'	0.03	0.4	0.17	0.01	0.9	0.65	0.14 Yes	0.01 Thermal Discharging	
TSS061	1176	'311561742_/_311561754'	0.1	1	0.3	0.16	3	2.03	0.43 Yes	0.1 Primary Over-Voltage	
TSS061	1177	'311568478_/_311568475'	0.03	0.33	0.1	0.05	0.2	0.65	0.14 Yes	0.03 Primary Over-Voltage	
TSS061	1178	'311570956_/_311570953'	0.03	0.4	0.17	0.01	0.9	0.65	0.14 Yes	0.01 Thermal Discharging	
TSS061	1179	'311561733_/_311561739'	0.1	0.9	0.3	0.16	3	2.01	0.43 Yes	0.1 Primary Over-Voltage	
TSS061	1180	'311570635_/_311570645'	0.03	0.4	0.17	0.01	0.9	0.65	0.14 Yes	0.01 Thermal Discharging	
TSS061	1181	'311561724_/_311561730'	0.1	0.9	0.3	0.16	3	2	0.43 Yes	0.1 Primary Over-Voltage	
TSS061	1182	'311570963_/_311570960'	0.03	0.4	0.17	0.01	0.9	0.64	0.14 Yes	0.01 Thermal Discharging	
TSS061	1183	'311557355_/_311570632'	0.03	0.4	0.17	0.01	0.9	0.64	0.14 Yes	0.01 Thermal Discharging	
TSS061	1184	'311561715_/_311561721'	0.1	0.9	0.3	0.16	3	1.98	0.43 Yes	0.1 Primary Over-Voltage	
TSS061	1185	'311570976_/_311570973'	0.03	0.4	0.17	0.01	0.9	0.63	0.14 Yes	0.01 Thermal Discharging	
TSS061	1186	'311557356_/_311557353'	0.03	0.4	0.17	0.01	0.9	0.63	0.14 Yes	0.01 Thermal Discharging	
TSS061	1187	'311561706_/_311561712'	0.1	0.9	0.3	0.16	3	1.97	0.43 Yes	0.1 Primary Over-Voltage	
TSS061	1188	'311570989_/_311570986'	0.03	0.4	0.17	0.01	0.9	0.63	0.14 Yes	0.01 Thermal Discharging	
TSS061	1189	'311561697_/_311561703'	0.1	0.9	0.3	0.16	3	1.95	0.43 Yes	0.1 Primary Over-Voltage	
TSS061	1190	'311557363_/_311557360'	0.03	0.4	0.17	0.01	0.9	0.62	0.14 Yes	0.01 Thermal Discharging	
TSS061	1191	'680554072_/_311561694_2'	0.1	0.9	0.2	0.16	3	1.94	0.43 Yes	0.1 Primary Over-Voltage	
TSS061	1192	'311561523_/_311561694_1'	0.1	0.9	0.2	0.16	3	1.94	0.43 Yes	0.1 Primary Over-Voltage	
TSS061	1193	'311645308_/_311561520_2'	0.1	0.9	0.2	0.16	3	1.94	0.43 Yes	0.1 Primary Over-Voltage	
TSS061	1194	'311571002_/_311570999'	0.03	0.37	0.17	0.01	0.9	0.62	0.14 Yes	0.01 Thermal Discharging	

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TSS061	1195	'311559305_/_311559302'	0.07	0.5	1.4	0.17	0.3	0.61	0.3 Yes	0.07	Primary Over-Voltage
TSS061	1196	'311561508_/_311561520_1'	0.1	0.9	0.2	0.16	3	1.93	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1197	'640746454_/_311561505_2'	0.1	0.9	0.2	0.16	3	1.93	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1198	'311557370_/_311557367'	0.03	0.37	0.17	0.01	0.9	0.62	0.14 Yes	0.01	Thermal Discharging
TSS061	1199	'311561379_/_311561505_1'	0.1	0.9	0.2	0.16	3	1.92	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1200	'311561910_/_311562135'	0.1	0.9	0.2	0.16	3	1.92	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1201	'350925837_/_311561376_1'	0.03	0.3	0.07	0.05	0.2	0.62	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1202	'311629908_/_311559370_1'	0.07	0.5	1.4	0.17	0.1	0.61	0.3 Yes	0.07	Primary Over-Voltage
TSS061	1203	'311688261_/_311561908_1'	0.07	0.6	0.13	0.11	0.4	1.24	0.29 Yes	0.07	Primary Over-Voltage
TSS061	1204	'311562147_/_311562144'	0.1	0.9	0.2	0.16	3	1.92	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1205	'311562162_/_311562159'	0.1	0.9	0.2	0.16	3	1.92	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1206	'311562171_/_311562168'	0.1	0.9	0.2	0.16	3	1.91	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1207	'311571009_/_311571006'	0.03	0.37	0.17	0.01	0.9	0.61	0.14 Yes	0.01	Thermal Discharging
TSS061	1208	'311562180_/_311562177'	0.1	0.9	0.2	0.16	3	1.91	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1209	'311562195_/_311562192'	0.1	0.9	0.2	0.16	3	1.91	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1210	'311562204_/_311562201'	0.1	0.9	0.2	0.16	3	1.91	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1211	'311562213_/_311562210'	0.1	0.9	0.2	0.16	3	1.91	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1212	'311561372_/_311561376_2'	0.03	0.3	0.07	0.05	0.2	0.61	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1213	'311562222_/_311562219'	0.1	0.9	0.2	0.16	3	1.9	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1214	'311557377_/_311557374'	0.03	0.37	0.17	0.01	0.9	0.61	0.14 Yes	0.01	Thermal Discharging
TSS061	1215	'311562231_/_311562228'	0.1	0.9	0.2	0.16	3	1.9	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1216	'311562240_/_311562237'	0.1	0.9	0.2	0.16	3	1.9	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1217	'311562255_/_311562252'	0.1	0.9	0.2	0.16	3	1.9	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1218	'311562264_/_311562261'	0.1	0.9	0.2	0.16	3	1.89	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1219	'311561911_/_311561908_2'	0.07	0.6	0.13	0.11	0.4	1.22	0.29 Yes	0.07	Primary Over-Voltage
TSS061	1220	'311562273_/_311562270'	0.1	0.9	0.2	0.16	3	1.89	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1221	'311571016_/_311571013'	0.03	0.37	0.17	0.01	0.9	0.61	0.14 Yes	0.01	Thermal Discharging
TSS061	1222	'311562282_/_311562279'	0.1	0.9	0.2	0.16	3	1.89	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1223	'311562291_/_311562288'	0.1	0.9	0.2	0.16	3	1.89	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1224	'311561359_/_311561369'	0.03	0.3	0.07	0.05	0.2	0.61	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1225	'311562300_/_311562297'	0.1	0.9	0.2	0.16	3	1.89	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1226	'311562315_/_311562312'	0.1	0.9	0.2	0.16	3	1.88	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1227	'441294712_/_441294623_1'	0.1	0.9	0.2	0.16	0.6	1.82	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1228	'311562330_/_311562327'	0.1	0.9	0.2	0.16	3	1.88	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1229	'311563202_/_311563199'	0.03	0.3	0.07	0.05	0.2	0.61	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1230	'311562345_/_311562342'	0.1	0.9	0.2	0.16	3	1.88	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1231	'536934651_/_311562351'	0.1	0.9	0.2	0.16	3	1.88	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1232	'311557384_/_311557381'	0.03	0.37	0.17	0.01	0.9	0.6	0.14 Yes	0.01	Thermal Discharging
TSS061	1233	'536934880_/_311562360_1'	0.1	0.9	0.2	0.16	3	1.88	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1234	'536934746_/_536934796_2'	0.03	0.3	0.07	0.05	0.9	0.6	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1235	'311562363_/_311562360_2'	0.1	0.9	0.2	0.16	3	1.88	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1236	'311562378_/_311562375'	0.1	0.9	0.2	0.16	3	1.87	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1237	'311562387_/_311562384'	0.1	0.9	0.2	0.16	3	1.87	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1238	'441294604_/_441294623_2'	0.1	0.9	0.2	0.16	0.6	1.81	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1239	'536934792_/_536934796_1'	0.03	0.3	0.07	0.05	0.2	0.6	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1240	'311562396_/_311562393'	0.1	0.9	0.2	0.16	3	1.87	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1241	'311561352_/_311561356'	0.03	0.3	0.07	0.05	0.2	0.6	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1242	'311571029_/_311571026'	0.03	0.37	0.17	0.01	0.9	0.6	0.14 Yes	0.01	Thermal Discharging
TSS061	1243	'498296482_/_498296501'	0.03	0.3	0.07	0.05	0.2	0.6	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1244	'311562405_/_311562402'	0.1	0.9	0.2	0.16	3	1.87	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1245	'311561925_/_311561922'	0.07	0.6	0.13	0.11	0.4	1.21	0.29 Yes	0.07	Primary Over-Voltage
TSS061	1246	'311562414_/_311562411'	0.1	0.9	0.2	0.16	3	1.87	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1247	'311562423_/_311562420'	0.1	0.9	0.2	0.16	3	1.86	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1248	'311562432_/_311562429'	0.1	0.9	0.2	0.16	3	1.86	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1249	'311562441_/_311562438'	0.1	0.9	0.2	0.16	3	1.86	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1250	'536934813_/_536934817'	0.03	0.3	0.07	0.05	0.2	0.6	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1251	'311562450_/_311562447'	0.1	0.9	0.2	0.16	3	1.86	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1252	'311562459_/_311562456'	0.1	0.9	0.2	0.16	3	1.86	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1253	'311562468_/_311562465'	0.1	0.9	0.2	0.16	3	1.86	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1254	'311557391_/_311557388'	0.03	0.37	0.17	0.01	0.9	0.6	0.14 Yes	0.01	Thermal Discharging
TSS061	1255	'311562477_/_311562474'	0.1	0.9	0.2	0.16	3	1.85	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1256	'311561339_/_311561349'	0.03	0.3	0.07	0.05	0.2	0.6	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1257	'311562486_/_311562483'	0.1	0.9	0.2	0.16	3	1.85	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1258	'311562495_/_311562492'	0.1	0.9	0.2	0.16	3	1.85	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1259	'311562504_/_311562501'	0.1	0.9	0.2	0.16	3	1.85	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1260	'311563209_/_311563206'	0.03	0.3	0.07	0.05	1	0.6	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1261	'311571036_/_311571033'	0.03	0.37	0.17	0.01	0.9	0.59	0.14 Yes	0.01	Thermal Discharging
TSS061	1262	'311688211_/_311563232_1'	0.03	0.3	0.07	0.05	0.2	0.59	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1263	'311562513_/_311562510'	0.1	0.9	0.2	0.16	3	1.85	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1264	'311562606_/_311562603'	0.03	0.3	0.07	0.05	0.2	0.6	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1265	'311562522_/_311562519'	0.1	0.9	0.2	0.16	3	1.84	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1266	'311562531_/_311562528'	0.1	0.9	0.2	0.16	3	1.84	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1267	'311562540_/_311562537'	0.1	0.9	0.2	0.16	3	1.84	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1268	'311561933_/_311561930'	0.07	0.6	0.13	0.11	0.4	1.19	0.29 Yes	0.07	Primary Over-Voltage
TSS061	1269	'311562549_/_311562546'	0.1	0.9	0.2	0.16	3	1.84	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1270	'311562558_/_311562555'	0.1	0.9	0.2	0.16	3	1.84	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1271	'311561332_/_311561336'	0.03	0.3	0.07	0.05	0.2	0.59	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1272	'311563235_/_311563232_2'	0.03	0.3	0.07	0.05	0.2	0.59	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1273	'311557398_/_311557395'	0.03	0.37	0.17	0.01	0.9	0.59	0.14 Yes	0.01	Thermal Discharging
TSS061	1274	'311563420_/_311563417'	0.1	0.9	0.2	0.16	3	1.83	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1275	'311562619_/_311562616'	0.03	0.3	0.07	0.05	0.2	0.59	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1276	'311571043_/_311571040'	0.03	0.37	0.17	0.01	0.9	0.59	0.14 Yes	0.01	Thermal Discharging
TSS061	1277	'311563435_/_311563432'	0.1	0.9	0.2	0.16	3	1.83	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1278	'311563444_/_311563441'	0.1	0.9	0.2	0.16	3	1.82	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1279	'311561325_/_311561329'	0.03	0.3	0.07	0.05	0.2	0.59	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1280	'311563244_/_311563241'	0.03	0.3	0.07	0.05	0.9	0.58	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1281	'311561941_/_311561938'	0.07	0.6	0.13	0.11	0.4	1.18	0.29 Yes	0.07	Primary Over-Voltage
TSS061	1282	'311563453_/_311563450'	0.1	0.9	0.2	0.16	3	1.82	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1283	'311562632_/_311562629'	0.03	0.3	0.07	0.05	0.2	0.59	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1284	'311563468_/_311563465'	0.1	0.9	0.2	0.16	3	1.81	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1285	'311557405_/_311557402'	0.03	0.37	0.17	0.01	0.9	0.58	0.14 Yes	0.01	Thermal Discharging
TSS061	1286	'311571056_/_311571053'	0.03	0.37	0.17	0.01	0.9	0.58	0.14 Yes	0.01	Thermal Discharging
TSS061	1287	'311563964_/_311563970'	0.1	0.9	0.2	0.16	3	1.81	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1288	'311688429_/_311571686_1'	0.03	0.37	0.17	0.01	0.1	0.58	0.14 Yes	0.01	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage Deviation	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TSS061	1289	'311561318_/311561322'	0.03	0.3	0.07	0.05	0.2	0.58	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1290	'311563949_/311563961'	0.1	0.9	0.2	0.16	3	1.8	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1291	'311562639_/311562636'	0.03	0.3	0.07	0.05	0.2	0.58	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1292	'311563257_/311563254'	0.03	0.3	0.07	0.05	0.9	0.58	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1293	'311563940_/311563946'	0.1	0.9	0.2	0.16	3	1.8	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1294	'311633530_/311563261_1'	0.03	0.3	0.07	0.02	0.9	0.58	0.14 Yes	0.02	Thermal Discharging
TSS061	1295	'311561955_/311561952'	0.07	0.6	0.13	0.11	0.4	1.16	0.29 Yes	0.07	Primary Over-Voltage
TSS061	1296	'311563931_/311563937'	0.1	0.9	0.2	0.16	3	1.79	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1297	'311561305_/311561315'	0.03	0.3	0.07	0.05	0.2	0.58	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1298	'311557412_/311557409'	0.03	0.37	0.17	0.01	0.9	0.57	0.14 Yes	0.01	Thermal Discharging
TSS061	1299	'311571069_/311571066'	0.03	0.37	0.17	0.01	0.9	0.57	0.14 Yes	0.01	Thermal Discharging
TSS061	1300	'311571689_/311571686_2'	0.03	0.37	0.17	0.01	0.1	0.57	0.14 Yes	0.01	Thermal Discharging
TSS061	1301	'311563922_/311563928'	0.1	0.8	0.2	0.16	3	1.79	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1302	'311562646_/311562643'	0.03	0.3	0.07	0.05	0.2	0.58	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1303	'311563913_/311563919'	0.1	0.8	0.2	0.16	3	1.78	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1304	'311563264_/311563261_2'	0.03	0.3	0.07	0.02	0.9	0.57	0.14 Yes	0.02	Thermal Discharging
TSS061	1305	'311563904_/311563910'	0.1	0.8	0.2	0.16	3	1.78	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1306	'311561298_/311561302'	0.03	0.3	0.07	0.05	0.2	0.57	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1307	'311563889_/311563901'	0.1	0.8	0.2	0.16	3	1.77	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1308	'311562653_/311562650'	0.03	0.3	0.07	0.05	0.2	0.57	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1309	'311561963_/311561960'	0.07	0.6	0.13	0.11	0.4	1.15	0.29 Yes	0.07	Primary Over-Voltage
TSS061	1310	'311559373_/311559370_2'	0.03	0.47	1.4	0.17	0.1	0.56	0.3 Yes	0.03	Primary Over-Voltage
TSS061	1311	'311571082_/311571079'	0.03	0.37	0.17	0.01	0.9	0.57	0.14 Yes	0.01	Thermal Discharging
TSS061	1312	'311563880_/311563886'	0.1	0.8	0.2	0.16	3	1.77	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1313	'311571702_/311571699'	0.03	0.37	0.17	0.01	0.1	0.57	0.14 Yes	0.01	Thermal Discharging
TSS061	1314	'311557419_/311557416'	0.03	0.37	0.17	0.01	0.9	0.57	0.14 Yes	0.01	Thermal Discharging
TSS061	1315	'311563871_/311563877'	0.1	0.8	0.2	0.16	3	1.76	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1316	'311571750_/311571747'	0.03	0.37	0.17	0.01	0.9	0.57	0.14 Yes	0.01	Thermal Discharging
TSS061	1317	'311561291_/311561295'	0.03	0.3	0.07	0.05	0.2	0.57	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1318	'311563277_/311563274'	0.03	0.3	0.07	0.02	0.9	0.57	0.14 Yes	0.02	Thermal Discharging
TSS061	1319	'311563862_/311563868'	0.1	0.8	0.2	0.16	3	1.76	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1320	'311562679_/311562676'	0.03	0.3	0.07	0.05	0.2	0.57	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1321	'311563853_/311563859'	0.1	0.8	0.2	0.16	3	1.76	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1322	'311571089_/311571086'	0.03	0.37	0.17	0.01	0.9	0.56	0.14 Yes	0.01	Thermal Discharging
TSS061	1323	'311563838_/311563850'	0.1	0.8	0.2	0.16	3	1.75	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1324	'311562692_/311562689'	0.03	0.3	0.07	0.05	0.2	0.56	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1325	'311561977_/311561974'	0.07	0.6	0.13	0.11	0.4	1.13	0.29 Yes	0.07	Primary Over-Voltage
TSS061	1326	'311571757_/311571754'	0.03	0.37	0.17	0.01	0.9	0.56	0.14 Yes	0.01	Thermal Discharging
TSS061	1327	'311563476_/311563835'	0.1	0.8	0.2	0.16	3	1.75	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1328	'311561284_/311561288'	0.03	0.3	0.07	0.05	0.2	0.56	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1329	'311633588_/311563474_1'	0.03	0.27	0.07	0.05	0.2	0.56	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1330	'311633602_/311563535_1'	0.03	0.27	0.07	0.05	0.2	0.56	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1331	'311563477_/311563474_2'	0.03	0.27	0.07	0.05	0.2	0.56	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1332	'311563814_/311563820'	0.1	0.8	0.2	0.16	3	1.74	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1333	'311563284_/311563281'	0.03	0.3	0.07	0.02	0.9	0.56	0.14 Yes	0.02	Thermal Discharging
TSS061	1334	'311562699_/311562696'	0.03	0.3	0.07	0.05	0.2	0.56	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1335	'311563805_/311563811'	0.1	0.8	0.2	0.16	3	1.74	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1336	'311571096_/311571093'	0.03	0.33	0.17	0.01	0.9	0.56	0.14 Yes	0.01	Thermal Discharging
TSS061	1337	'311563790_/311563802'	0.1	0.8	0.2	0.16	3	1.73	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1338	'311561271_/311561281'	0.03	0.3	0.07	0.05	0.2	0.56	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1339	'311571770_/311571767'	0.03	0.33	0.17	0.01	0.9	0.56	0.14 Yes	0.01	Thermal Discharging
TSS061	1340	'311563538_/311563535_2'	0.03	0.27	0.07	0.05	0.2	0.56	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1341	'311559318_/311559315'	0.03	0.43	1.4	0.17	0.3	0.55	0.3 Yes	0.03	Primary Over-Voltage
TSS061	1342	'311563484_/311563481'	0.03	0.27	0.07	0.05	0.2	0.56	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1343	'311563550_/311563787'	0.1	0.8	0.2	0.16	3	1.73	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1344	'311674193_/311563548_1'	0.03	0.27	0.07	0.05	0.2	0.56	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1345	'311561991_/311561988'	0.07	0.6	0.13	0.11	0.4	1.12	0.29 Yes	0.07	Primary Over-Voltage
TSS061	1346	'451196792_/311559700_1'	0.03	0.43	1.4	0.17	0.1	0.55	0.3 Yes	0.03	Primary Over-Voltage
TSS061	1347	'311563780_/311563778'	0.1	0.8	0.2	0.16	3	1.73	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1348	'311563551_/311563548_2'	0.03	0.27	0.07	0.05	0.2	0.55	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1349	'311563291_/311563288'	0.03	0.3	0.07	0.02	0.9	0.55	0.14 Yes	0.02	Thermal Discharging
TSS061	1350	'311578396_/311578393'	0.1	0.8	0.2	0.16	3	1.72	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1351	'311561258_/311561268'	0.03	0.3	0.07	0.05	0.2	0.55	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1352	'311578405_/311578402'	0.1	0.8	0.2	0.16	3	1.72	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1353	'311563494_/311563491'	0.03	0.27	0.07	0.05	0.2	0.55	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1354	'311571109_/311571106'	0.03	0.33	0.17	0.01	0.9	0.55	0.14 Yes	0.01	Thermal Discharging
TSS061	1355	'311571777_/311571774'	0.03	0.33	0.17	0.01	0.9	0.55	0.14 Yes	0.01	Thermal Discharging
TSS061	1356	'311563167_/311563164'	0.03	0.3	0.07	0.05	0.2	0.55	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1357	'416190895_/416190899'	0.07	0.6	0.13	0.11	0.4	1.11	0.29 Yes	0.07	Primary Over-Voltage
TSS061	1358	'311578414_/311578411'	0.1	0.8	0.2	0.16	3	1.71	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1359	'416191067_/416190974_1'	0.03	0.3	0.07	0.05	0.1	0.55	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1360	'311574329_/311578420'	0.1	0.8	0.2	0.16	3	1.71	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1361	'311563558_/311563555'	0.03	0.27	0.07	0.05	0.2	0.55	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1362	'350927224_/311574327_1'	0.03	0.27	0.07	0.05	0.2	0.55	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1363	'311578432_/311578429'	0.1	0.8	0.2	0.16	3	1.71	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1364	'311563304_/311563301'	0.03	0.3	0.07	0.02	0.9	0.55	0.14 Yes	0.02	Thermal Discharging
TSS061	1365	'311561999_/416190733'	0.07	0.6	0.13	0.11	0.4	1.1	0.29 Yes	0.07	Primary Over-Voltage
TSS061	1366	'311561257_/311561255'	0.03	0.3	0.07	0.05	0.2	0.55	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1367	'311578441_/311578438'	0.1	0.8	0.2	0.16	3	1.7	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1368	'311574330_/311574327_2'	0.03	0.27	0.07	0.05	0.2	0.55	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1369	'311571784_/311571781'	0.03	0.33	0.17	0.01	0.9	0.55	0.14 Yes	0.01	Thermal Discharging
TSS061	1370	'311571116_/311571113'	0.03	0.33	0.17	0.01	0.9	0.55	0.14 Yes	0.01	Thermal Discharging
TSS061	1371	'311578450_/311578447'	0.1	0.8	0.2	0.16	3	1.7	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1372	'350925057_/311571735_1'	0.03	0.33	0.17	0.01	0.1	0.54	0.14 Yes	0.01	Thermal Discharging
TSS061	1373	'311578459_/311578456'	0.1	0.8	0.2	0.16	3	1.7	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1374	'311563571_/311563568'	0.03	0.27	0.07	0.05	0.2	0.54	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1375	'311578573_/311578570'	0.1	0.8	0.2	0.16	3	1.69	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1376	'311574293_/311574334'	0.03	0.27	0.07	0.05	0.2	0.54	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1377	'311656413_/311574291_1'	0.03	0.27	0.07	0.05	0.1	0.54	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1378	'311563311_/311563308'	0.03	0.3	0.07	0.02	0.9	0.54	0.14 Yes	0.02	Thermal Discharging
TSS061	1379	'311578467_/311578579'	0.1	0.8	0.2	0.16	3	1.69	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1380	'311571797_/311571794'	0.03	0.33	0.17	0.01	0.9	0.54	0.14 Yes	0.01	Thermal Discharging
TSS061	1381	'311578468_/311578465'	0.1	0.8	0.2	0.16	3	1.69	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1382	'311578477_/311578474'	0.1	0.8	0.2	0.16	3	1.68	0.43 Yes	0.1	Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TSS061	1383	'311571715_/311571712'	0.03	0.33	0.17	0.01	0.9	0.54	0.14 Yes	0.01	Thermal Discharging
TSS061	1384	'311563578_/311563575'	0.03	0.27	0.07	0.05	0.2	0.54	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1385	'311578486_/311578483'	0.1	0.8	0.2	0.16	3	1.68	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1386	'311571738_/311571735_2'	0.03	0.33	0.17	0.01	0.1	0.54	0.14 Yes	0.01	Thermal Discharging
TSS061	1387	'311578495_/311578492'	0.1	0.8	0.2	0.16	3	1.67	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1388	'311563318_/311563315'	0.03	0.3	0.07	0.02	0.9	0.54	0.14 Yes	0.02	Thermal Discharging
TSS061	1389	'311571810_/311571807'	0.03	0.33	0.17	0.01	0.9	0.54	0.14 Yes	0.01	Thermal Discharging
TSS061	1390	'311578504_/311578501'	0.1	0.8	0.2	0.16	3	1.67	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1391	'440001988_/440001985'	0.03	0.3	0.07	0.02	0.9	0.54	0.14 Yes	0.02	Thermal Discharging
TSS061	1392	'440002475_/440002003_1'	0.03	0.3	0.07	0.02	0.1	0.54	0.14 Yes	0.02	Thermal Discharging
TSS061	1393	'311578513_/311578510'	0.1	0.8	0.2	0.16	3	1.67	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1394	'404240847_/311566533'	0.03	0.3	0.07	0.02	0.9	0.54	0.14 Yes	0.02	Thermal Discharging
TSS061	1395	'404240962_/404240851_1'	0.03	0.27	0.07	0.02	0.1	0.54	0.14 Yes	0.02	Thermal Discharging
TSS061	1396	'311563585_/311563582'	0.03	0.27	0.07	0.05	0.2	0.53	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1397	'311564335_/311564332'	0.03	0.3	0.07	0.02	0.7	0.53	0.14 Yes	0.02	Thermal Discharging
TSS061	1398	'311578522_/311578519'	0.1	0.8	0.2	0.16	3	1.66	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1399	'440002006_/440002003_2'	0.03	0.27	0.07	0.02	0.1	0.53	0.14 Yes	0.02	Thermal Discharging
TSS061	1400	'311564348_/311564345'	0.03	0.27	0.07	0.02	0.7	0.53	0.14 Yes	0.02	Thermal Discharging
TSS061	1401	'311578531_/311578528'	0.1	0.8	0.2	0.16	3	1.66	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1402	'311574294_/311574291_2'	0.03	0.27	0.07	0.05	0.1	0.53	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1403	'404240827_/404240851_2'	0.03	0.27	0.07	0.02	0.1	0.53	0.14 Yes	0.02	Thermal Discharging
TSS061	1404	'311564355_/311564352'	0.03	0.27	0.07	0.02	0.7	0.53	0.14 Yes	0.02	Thermal Discharging
TSS061	1405	'311571817_/311571814'	0.03	0.33	0.17	0.01	0.9	0.53	0.14 Yes	0.01	Thermal Discharging
TSS061	1406	'311578540_/311578537'	0.1	0.8	0.2	0.16	3	1.66	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1407	'311564362_/311564359'	0.03	0.27	0.07	0.02	0.7	0.53	0.14 Yes	0.02	Thermal Discharging
TSS061	1408	'440002022_/440002019'	0.03	0.27	0.07	0.02	0.1	0.53	0.14 Yes	0.02	Thermal Discharging
TSS061	1409	'311574349_/311578546'	0.1	0.8	0.2	0.16	3	1.65	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1410	'311563592_/311563589'	0.03	0.27	0.07	0.05	0.2	0.53	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1411	'311574372_/311578555'	0.1	0.8	0.2	0.16	3	1.65	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1412	'311566536_/404240831'	0.03	0.27	0.07	0.02	0.1	0.53	0.14 Yes	0.02	Thermal Discharging
TSS061	1413	'591668557_/591668499_1'	0.03	0.27	0.07	0.02	0.1	0.53	0.14 Yes	0.02	Thermal Discharging
TSS061	1414	'311564375_/311564372'	0.03	0.27	0.07	0.02	0.7	0.53	0.14 Yes	0.02	Thermal Discharging
TSS061	1415	'311574373_/311574370'	0.1	0.8	0.2	0.16	3	1.65	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1416	'440002038_/440002035'	0.03	0.27	0.07	0.02	0.1	0.53	0.14 Yes	0.02	Thermal Discharging
TSS061	1417	'311656478_/311574379_1'	0.07	0.53	0.13	0.11	0.2	1.06	0.29 Yes	0.07	Primary Over-Voltage
TSS061	1418	'311566682_/311566679'	0.03	0.27	0.07	0.02	0.1	0.53	0.14 Yes	0.02	Thermal Discharging
TSS061	1419	'311574350_/311574347'	0.03	0.27	0.07	0.05	1	0.53	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1420	'440002054_/440002051'	0.03	0.27	0.07	0.02	0.1	0.53	0.14 Yes	0.02	Thermal Discharging
TSS061	1421	'311563605_/311563602'	0.03	0.27	0.07	0.05	0.2	0.53	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1422	'311564382_/311564379'	0.03	0.27	0.07	0.02	0.7	0.53	0.14 Yes	0.02	Thermal Discharging
TSS061	1423	'591668479_/591668499_2'	0.03	0.27	0.07	0.02	0.1	0.53	0.14 Yes	0.02	Thermal Discharging
TSS061	1424	'311577288_/311577285'	0.1	0.8	0.2	0.16	3	1.63	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1425	'311566549_/311566546'	0.03	0.27	0.07	0.02	0.1	0.52	0.14 Yes	0.02	Thermal Discharging
TSS061	1426	'440002070_/440002067'	0.03	0.27	0.07	0.02	0.1	0.52	0.14 Yes	0.02	Thermal Discharging
TSS061	1427	'350927242_/311584230_1'	0.03	0.27	0.07	0.05	0.2	0.52	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1428	'311559386_/311559383'	0.03	0.43	1.4	0.17	0.1	0.52	0.3 Yes	0.03	Primary Over-Voltage
TSS061	1429	'311584247_/311584244'	0.1	0.8	0.2	0.16	3	1.63	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1430	'311564395_/311564392'	0.03	0.27	0.07	0.02	0.7	0.52	0.14 Yes	0.02	Thermal Discharging
TSS061	1431	'311584233_/311584230_2'	0.03	0.27	0.07	0.05	0.2	0.52	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1432	'311574382_/311574379_2'	0.07	0.53	0.13	0.11	0.2	1.04	0.29 Yes	0.07	Primary Over-Voltage
TSS061	1433	'311577296_/311584253'	0.1	0.8	0.2	0.16	3	1.63	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1434	'440002086_/440002083'	0.03	0.27	0.07	0.02	0.1	0.52	0.14 Yes	0.02	Thermal Discharging
TSS061	1435	'311563612_/311563609'	0.03	0.27	0.07	0.05	0.2	0.52	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1436	'311577297_/311577294'	0.1	0.8	0.2	0.16	3	1.62	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1437	'311577306_/311577303'	0.1	0.8	0.2	0.16	3	1.62	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1438	'311564402_/311564399'	0.03	0.27	0.07	0.02	0.7	0.52	0.14 Yes	0.02	Thermal Discharging
TSS061	1439	'440002102_/440002099'	0.03	0.27	0.07	0.02	0.1	0.52	0.14 Yes	0.02	Thermal Discharging
TSS061	1440	'311577315_/311577312'	0.1	0.8	0.2	0.16	3	1.61	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1441	'311566562_/311566559'	0.03	0.27	0.07	0.02	0.1	0.52	0.14 Yes	0.02	Thermal Discharging
TSS061	1442	'311574396_/311584237'	0.03	0.27	0.07	0.05	0.2	0.52	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1443	'311577324_/311577321'	0.1	0.8	0.2	0.16	3	1.61	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1444	'311564409_/311564406'	0.03	0.27	0.07	0.02	0.7	0.52	0.14 Yes	0.02	Thermal Discharging
TSS061	1445	'311563619_/311563616'	0.03	0.27	0.07	0.05	0.2	0.52	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1446	'440002118_/440002115'	0.03	0.27	0.07	0.02	0.1	0.52	0.14 Yes	0.02	Thermal Discharging
TSS061	1447	'311577333_/311577330'	0.1	0.8	0.2	0.16	3	1.6	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1448	'311564416_/311564413'	0.03	0.27	0.07	0.02	0.7	0.51	0.14 Yes	0.02	Thermal Discharging
TSS061	1449	'737615432_/737615355_1'	0.03	0.27	0.07	0.02	0.1	0.51	0.14 Yes	0.02	Thermal Discharging
TSS061	1450	'311577342_/311577339'	0.1	0.8	0.2	0.16	3	1.6	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1451	'440002134_/440002131'	0.03	0.27	0.07	0.02	0.1	0.51	0.14 Yes	0.02	Thermal Discharging
TSS061	1452	'416190955_/416190974_2'	0.03	0.27	0.07	0.05	0.1	0.52	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1453	'737615358_/737615355_2'	0.03	0.27	0.07	0.02	0.1	0.51	0.14 Yes	0.02	Thermal Discharging
TSS061	1454	'311577351_/311577348'	0.1	0.8	0.2	0.16	3	1.6	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1455	'311574397_/311574394'	0.03	0.27	0.07	0.05	0.2	0.51	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1456	'311564423_/311564420'	0.03	0.27	0.07	0.02	0.7	0.51	0.14 Yes	0.02	Thermal Discharging
TSS061	1457	'311563632_/311563629'	0.03	0.27	0.07	0.05	0.2	0.51	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1458	'311566569_/311566566'	0.03	0.27	0.07	0.02	0.1	0.51	0.14 Yes	0.02	Thermal Discharging
TSS061	1459	'440002150_/440002147'	0.03	0.27	0.07	0.02	0.1	0.51	0.14 Yes	0.02	Thermal Discharging
TSS061	1460	'311577360_/311577357'	0.1	0.8	0.2	0.16	3	1.59	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1461	'311564436_/311564433'	0.03	0.27	0.07	0.02	0.7	0.51	0.14 Yes	0.02	Thermal Discharging
TSS061	1462	'737615374_/737615371'	0.03	0.27	0.07	0.02	0.1	0.51	0.14 Yes	0.02	Thermal Discharging
TSS061	1463	'311577369_/311577366'	0.1	0.8	0.2	0.16	3	1.59	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1464	'311564483_/737615397'	0.03	0.27	0.07	0.02	0.1	0.51	0.14 Yes	0.02	Thermal Discharging
TSS061	1465	'440002166_/440002163'	0.03	0.27	0.07	0.02	0.1	0.51	0.14 Yes	0.02	Thermal Discharging
TSS061	1466	'311577378_/311577375'	0.1	0.8	0.2	0.16	3	1.58	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1467	'311564490_/311564487'	0.03	0.27	0.07	0.02	0.1	0.51	0.14 Yes	0.02	Thermal Discharging
TSS061	1468	'311563639_/311563636'	0.03	0.27	0.07	0.05	0.2	0.51	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1469	'311577387_/311577384'	0.1	0.8	0.2	0.16	3	1.58	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1470	'440002182_/440002179'	0.03	0.27	0.07	0.02	0.1	0.51	0.14 Yes	0.02	Thermal Discharging
TSS061	1471	'311564570_/311564567'	0.03	0.27	0.07	0.02	0.7	0.51	0.14 Yes	0.02	Thermal Discharging
TSS061	1472	'311574404_/311574401'	0.03	0.27	0.07	0.05	0.2	0.51	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1473	'311566576_/311566573'	0.03	0.27	0.07	0.02	0.1	0.51	0.14 Yes	0.02	Thermal Discharging
TSS061	1474	'311564503_/311564500'	0.03	0.27	0.07	0.02	0.1	0.51	0.14 Yes	0.02	Thermal Discharging
TSS061	1475	'311577396_/311577393'	0.1	0.8	0.2	0.16	3	1.57	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1476	'311564543_/311564540'	0.03	0.27	0.07	0.02	0.1	0.5	0.14 Yes	0.02	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TSS061	1477	'311577405_/311577402'		0.1	0.8	0.2	0.16	3	1.57	0.43 Yes	0.1 Primary Over-Voltage
TSS061	1478	'440002198_/440002195'		0.03	0.27	0.07	0.02	0.1	0.5	0.14 Yes	0.02 Thermal Discharging
TSS061	1479	'311564550_/311564547'		0.03	0.27	0.07	0.02	0.1	0.5	0.14 Yes	0.02 Thermal Discharging
TSS061	1480	'311564510_/311564507'		0.03	0.27	0.07	0.02	0.1	0.5	0.14 Yes	0.02 Thermal Discharging
TSS061	1481	'440002501_/440002258_1'		0.03	0.27	0.07	0.02	0.1	0.5	0.14 Yes	0.02 Thermal Discharging
TSS061	1482	'311564583_/311564580'		0.03	0.27	0.07	0.02	0.7	0.5	0.14 Yes	0.02 Thermal Discharging
TSS061	1483	'311563646_/311563643'		0.03	0.27	0.07	0.05	0.2	0.5	0.14 Yes	0.03 Primary Over-Voltage
TSS061	1484	'311564563_/311564560'		0.03	0.27	0.07	0.02	0.1	0.5	0.14 Yes	0.02 Thermal Discharging
TSS061	1485	'311577414_/311577411'		0.1	0.8	0.2	0.16	3	1.57	0.43 Yes	0.1 Primary Over-Voltage
TSS061	1486	'311564523_/311564520'		0.03	0.27	0.07	0.02	0.1	0.5	0.14 Yes	0.02 Thermal Discharging
TSS061	1487	'311577423_/311577420'		0.1	0.8	0.2	0.16	3	1.56	0.43 Yes	0.1 Primary Over-Voltage
TSS061	1488	'311566851_/311566848'		0.03	0.27	0.07	0.02	0.1	0.5	0.14 Yes	0.02 Thermal Discharging
TSS061	1489	'311564596_/311564593'		0.03	0.27	0.07	0.02	0.7	0.5	0.14 Yes	0.02 Thermal Discharging
TSS061	1490	'311574444_/311577429'		0.1	0.7	0.2	0.16	3	1.56	0.43 Yes	0.1 Primary Over-Voltage
TSS061	1491	'311564530_/311564527'		0.03	0.27	0.07	0.02	0.1	0.5	0.14 Yes	0.02 Thermal Discharging
TSS061	1492	'350927381_/311574442_1'		0.03	0.23	0.07	0.05	0.2	0.5	0.14 Yes	0.03 Primary Over-Voltage
TSS061	1493	'311563653_/311563650'		0.03	0.27	0.07	0.05	0.2	0.5	0.14 Yes	0.03 Primary Over-Voltage
TSS061	1494	'311577441_/311577438'		0.1	0.7	0.2	0.16	3	1.55	0.43 Yes	0.1 Primary Over-Voltage
TSS061	1495	'697606508_/311574703_1'		0.03	0.27	0.07	0.05	0.2	0.5	0.14 Yes	0.03 Primary Over-Voltage
TSS061	1496	'311574445_/311574442_2'		0.03	0.23	0.07	0.05	0.2	0.5	0.14 Yes	0.03 Primary Over-Voltage
TSS061	1497	'311577450_/311577447'		0.1	0.7	0.2	0.16	3	1.55	0.43 Yes	0.1 Primary Over-Voltage
TSS061	1498	'311564603_/311564600'		0.03	0.27	0.07	0.02	0.7	0.5	0.14 Yes	0.02 Thermal Discharging
TSS061	1499	'311577459_/311577456'		0.1	0.7	0.2	0.16	3	1.55	0.43 Yes	0.1 Primary Over-Voltage
TSS061	1500	'311566588_/311566585'		0.03	0.27	0.07	0.02	0.1	0.49	0.14 Yes	0.02 Thermal Discharging
TSS061	1501	'311577468_/311577465'		0.1	0.7	0.2	0.16	3	1.54	0.43 Yes	0.1 Primary Over-Voltage
TSS061	1502	'311563666_/311563663'		0.03	0.27	0.07	0.05	0.2	0.49	0.14 Yes	0.03 Primary Over-Voltage
TSS061	1503	'311564610_/311564607'		0.03	0.27	0.07	0.02	0.7	0.49	0.14 Yes	0.02 Thermal Discharging
TSS061	1504	'311573963_/311577474'		0.1	0.7	0.2	0.16	3	1.54	0.43 Yes	0.1 Primary Over-Voltage
TSS061	1505	'350927414_/311574739_1'		0.03	0.23	0.07	0.05	0.2	0.49	0.14 Yes	0.03 Primary Over-Voltage
TSS061	1506	'311574742_/311574739_2'		0.03	0.23	0.07	0.05	0.2	0.49	0.14 Yes	0.03 Primary Over-Voltage
TSS061	1507	'311573954_/311573960'		0.1	0.7	0.2	0.16	3	1.53	0.43 Yes	0.1 Primary Over-Voltage
TSS061	1508	'311564617_/311564614'		0.03	0.27	0.07	0.02	0.7	0.49	0.14 Yes	0.02 Thermal Discharging
TSS061	1509	'311573938_/311573951'		0.1	0.7	0.2	0.16	3	1.53	0.43 Yes	0.1 Primary Over-Voltage
TSS061	1510	'311634909_/311564977_1'		0.03	0.27	0.07	0.02	0.1	0.49	0.14 Yes	0.02 Thermal Discharging
TSS061	1511	'311563673_/311563670'		0.03	0.27	0.07	0.05	0.2	0.49	0.14 Yes	0.03 Primary Over-Voltage
TSS061	1512	'311573922_/311573935'		0.1	0.7	0.2	0.16	3	1.53	0.43 Yes	0.1 Primary Over-Voltage
TSS061	1513	'311566589_/311566586'		0.03	0.27	0.07	0.02	0.1	0.49	0.14 Yes	0.02 Thermal Discharging
TSS061	1514	'311564630_/311564627'		0.03	0.27	0.07	0.02	0.7	0.49	0.14 Yes	0.02 Thermal Discharging
TSS061	1515	'311574768_/311574765'		0.03	0.23	0.07	0.05	0.2	0.49	0.14 Yes	0.03 Primary Over-Voltage
TSS061	1516	'311573734_/311573919'		0.1	0.7	0.2	0.16	3	1.52	0.43 Yes	0.1 Primary Over-Voltage
TSS061	1517	'350927432_/311573732_1'		0.03	0.23	0.07	0.05	0.2	0.49	0.14 Yes	0.03 Primary Over-Voltage
TSS061	1518	'311564980_/311564977_2'		0.03	0.27	0.07	0.02	0.1	0.49	0.14 Yes	0.02 Thermal Discharging
TSS061	1519	'311564993_/311564990'		0.03	0.27	0.07	0.02	0.1	0.49	0.14 Yes	0.02 Thermal Discharging
TSS061	1520	'311564643_/311564640'		0.03	0.27	0.07	0.02	0.7	0.49	0.14 Yes	0.02 Thermal Discharging
TSS061	1521	'311577060_/311577058'		0.1	0.7	0.2	0.16	3	1.52	0.43 Yes	0.1 Primary Over-Voltage
TSS061	1522	'453268404_/453268401'		0.03	0.27	0.07	0.02	0.1	0.49	0.14 Yes	0.02 Thermal Discharging
TSS061	1523	'311574706_/311574703_2'		0.03	0.27	0.07	0.05	0.2	0.49	0.14 Yes	0.03 Primary Over-Voltage
TSS061	1524	'311565006_/311565003'		0.03	0.27	0.07	0.02	0.1	0.49	0.14 Yes	0.02 Thermal Discharging
TSS061	1525	'468847724_/311565029'		0.03	0.27	0.07	0.02	0.1	0.49	0.14 Yes	0.02 Thermal Discharging
TSS061	1526	'311574782_/311574779'		0.03	0.23	0.07	0.05	0.2	0.48	0.14 Yes	0.03 Primary Over-Voltage
TSS061	1527	'311577075_/311577073'		0.1	0.7	0.2	0.16	3	1.52	0.43 Yes	0.1 Primary Over-Voltage
TSS061	1528	'311563680_/311563677'		0.03	0.27	0.07	0.05	0.2	0.49	0.14 Yes	0.03 Primary Over-Voltage
TSS061	1529	'311573735_/311573732_2'		0.03	0.23	0.07	0.05	0.2	0.48	0.14 Yes	0.03 Primary Over-Voltage
TSS061	1530	'311565032_/468847728'		0.03	0.27	0.07	0.02	0.1	0.48	0.14 Yes	0.02 Thermal Discharging
TSS061	1531	'311564656_/311564653'		0.03	0.27	0.07	0.02	0.7	0.48	0.14 Yes	0.02 Thermal Discharging
TSS061	1532	'311577084_/311577082'		0.1	0.7	0.2	0.16	3	1.51	0.43 Yes	0.1 Primary Over-Voltage
TSS061	1533	'311565019_/311565016'		0.03	0.27	0.07	0.02	0.1	0.48	0.14 Yes	0.02 Thermal Discharging
TSS061	1534	'573735722_/573735719'		0.03	0.27	0.07	0.05	0.2	0.48	0.14 Yes	0.03 Primary Over-Voltage
TSS061	1535	'311566602_/311566599'		0.03	0.27	0.07	0.02	0.1	0.48	0.14 Yes	0.02 Thermal Discharging
TSS061	1536	'311577093_/311577091'		0.1	0.7	0.2	0.16	3	1.51	0.43 Yes	0.1 Primary Over-Voltage
TSS061	1537	'311559393_/311559390'		0.03	0.4	1.4	0.17	0.1	0.48	0.3 Yes	0.03 Primary Over-Voltage
TSS061	1538	'311574796_/311574793'		0.03	0.23	0.07	0.05	0.2	0.48	0.14 Yes	0.03 Primary Over-Voltage
TSS061	1539	'311573759_/311573756'		0.03	0.23	0.07	0.05	0.2	0.48	0.14 Yes	0.03 Primary Over-Voltage
TSS061	1540	'311565045_/311565042'		0.03	0.27	0.07	0.02	0.1	0.48	0.14 Yes	0.02 Thermal Discharging
TSS061	1541	'311577102_/311577100'		0.1	0.7	0.2	0.16	3	1.51	0.43 Yes	0.1 Primary Over-Voltage
TSS061	1542	'311563687_/311563684'		0.03	0.27	0.07	0.05	0.2	0.48	0.14 Yes	0.03 Primary Over-Voltage
TSS061	1543	'573735738_/573735735'		0.03	0.27	0.07	0.05	0.2	0.48	0.14 Yes	0.03 Primary Over-Voltage
TSS061	1544	'311577111_/311577109'		0.1	0.7	0.2	0.16	3	1.5	0.43 Yes	0.1 Primary Over-Voltage
TSS061	1545	'311573766_/311573763'		0.03	0.23	0.07	0.05	0.2	0.48	0.14 Yes	0.03 Primary Over-Voltage
TSS061	1546	'311577120_/311577118'		0.1	0.7	0.2	0.16	3	1.5	0.43 Yes	0.1 Primary Over-Voltage
TSS061	1547	'440002239_/440002258_2'		0.03	0.27	0.07	0.02	0.1	0.48	0.14 Yes	0.02 Thermal Discharging
TSS061	1548	'311574803_/311574800'		0.03	0.23	0.07	0.05	0.2	0.48	0.14 Yes	0.03 Primary Over-Voltage
TSS061	1549	'311564669_/311564666'		0.03	0.27	0.07	0.02	0.7	0.48	0.14 Yes	0.02 Thermal Discharging
TSS061	1550	'311577129_/311577127'		0.1	0.7	0.2	0.16	3	1.5	0.43 Yes	0.1 Primary Over-Voltage
TSS061	1551	'700034909_/700034907'		0.03	0.27	0.07	0.05	0.2	0.48	0.14 Yes	0.03 Primary Over-Voltage
TSS061	1552	'311566609_/311566606'		0.03	0.27	0.07	0.02	0.1	0.48	0.14 Yes	0.02 Thermal Discharging
TSS061	1553	'311577138_/311577136'		0.1	0.7	0.2	0.16	3	1.49	0.43 Yes	0.1 Primary Over-Voltage
TSS061	1554	'311564682_/311564679'		0.03	0.27	0.07	0.02	0.7	0.48	0.14 Yes	0.02 Thermal Discharging
TSS061	1555	'311563700_/311563697'		0.03	0.27	0.07	0.05	0.2	0.48	0.14 Yes	0.03 Primary Over-Voltage
TSS061	1556	'311559444_/311559441'		0.03	0.37	1.4	0.17	0.1	0.47	0.3 Yes	0.03 Primary Over-Voltage
TSS061	1557	'311574824_/311574821'		0.03	0.23	0.07	0.05	0.2	0.48	0.14 Yes	0.03 Primary Over-Voltage
TSS061	1558	'311577147_/311577145'		0.1	0.7	0.2	0.16	3	1.49	0.43 Yes	0.1 Primary Over-Voltage
TSS061	1559	'311564695_/311564692'		0.03	0.27	0.07	0.02	0.7	0.48	0.14 Yes	0.02 Thermal Discharging
TSS061	1560	'311577156_/311577154'		0.1	0.7	0.2	0.16	3	1.49	0.43 Yes	0.1 Primary Over-Voltage
TSS061	1561	'573735767_/573735751'		0.03	0.27	0.07	0.05	0.2	0.47	0.14 Yes	0.03 Primary Over-Voltage
TSS061	1562	'311577165_/311577163'		0.1	0.7	0.2	0.16	3	1.48	0.43 Yes	0.1 Primary Over-Voltage
TSS061	1563	'311574831_/311574828'		0.03	0.23	0.07	0.05	0.2	0.47	0.14 Yes	0.03 Primary Over-Voltage
TSS061	1564	'311564702_/311564699'		0.03	0.27	0.07	0.02	0.7	0.47	0.14 Yes	0.02 Thermal Discharging
TSS061	1565	'311563707_/311563704'		0.03	0.27	0.07	0.05	0.2	0.47	0.14 Yes	0.03 Primary Over-Voltage
TSS061	1566	'311577174_/311577172'		0.1	0.7	0.2	0.16	3	1.48	0.43 Yes	0.1 Primary Over-Voltage
TSS061	1567	'311566616_/311566613'		0.03	0.27	0.07	0.02	0.1	0.47	0.14 Yes	0.02 Thermal Discharging
TSS061	1568	'311577183_/311577181'		0.1	0.7	0.2	0.16	3	1.48	0.43 Yes	0.1 Primary Over-Voltage
TSS061	1569	'311564709_/311564706'		0.03	0.27	0.07	0.02	0.7	0.47	0.14 Yes	0.02 Thermal Discharging
TSS061	1570	'311574852_/311574849'		0.03	0.23	0.07	0.05	0.2	0.47	0.14 Yes	0.03 Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TSS061	1571	'311577211_/_311577217'	0.1	0.7	0.2	0.16	3	1.47	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1572	'311563720_/_311563717'	0.03	0.27	0.07	0.05	0.2	0.47	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1573	'311577202_/_311577208'	0.1	0.7	0.2	0.16	3	1.47	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1574	'311564722_/_311564719'	0.03	0.27	0.07	0.02	0.7	0.47	0.14 Yes	0.02	Thermal Discharging
TSS061	1575	'311577193_/_311577199'	0.1	0.7	0.2	0.16	3	1.47	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1576	'311574866_/_311574863'	0.03	0.23	0.07	0.05	0.2	0.47	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1577	'311566629_/_311566626'	0.03	0.27	0.07	0.02	0.1	0.47	0.14 Yes	0.02	Thermal Discharging
TSS061	1578	'311577192_/_311577190'	0.1	0.7	0.2	0.16	3	1.46	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1579	'311564735_/_311564732'	0.03	0.27	0.07	0.02	0.7	0.47	0.14 Yes	0.02	Thermal Discharging
TSS061	1580	'311563733_/_311563730'	0.03	0.27	0.07	0.05	0.2	0.47	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1581	'311573684_/_311577226'	0.1	0.7	0.2	0.16	3	1.46	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1582	'398825536_/_311564745'	0.03	0.27	0.07	0.02	0.7	0.47	0.14 Yes	0.02	Thermal Discharging
TSS061	1583	'311688099_/_311573682_1'	0.07	0.47	0.13	0.11	0.4	0.93	0.29 Yes	0.07	Primary Over-Voltage
TSS061	1584	'311564748_/_398825538'	0.03	0.27	0.07	0.02	0.7	0.47	0.14 Yes	0.02	Thermal Discharging
TSS061	1585	'311577237_/_311577235'	0.1	0.7	0.2	0.16	3	1.46	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1586	'311574481_/_311574479'	0.03	0.27	0.07	0.05	0.2	0.47	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1587	'311574880_/_311574877'	0.03	0.23	0.07	0.05	0.2	0.46	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1588	'311573685_/_311573682_2'	0.07	0.47	0.13	0.11	0.4	0.93	0.29 Yes	0.07	Primary Over-Voltage
TSS061	1589	'339907505_/_339907531'	0.1	0.7	0.2	0.16	3	1.45	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1590	'311577016_/_311577244'	0.1	0.7	0.2	0.16	3	1.45	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1591	'311573658_/_311573696'	0.07	0.47	0.13	0.11	0.4	0.93	0.29 Yes	0.07	Primary Over-Voltage
TSS061	1592	'311564308_/_311564305'	0.03	0.27	0.07	0.05	0.2	0.46	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1593	'350927617_/_339907611_1'	0.03	0.23	0.07	0.05	0.2	0.46	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1594	'311564761_/_311564758'	0.03	0.27	0.07	0.02	0.7	0.46	0.14 Yes	0.02	Thermal Discharging
TSS061	1595	'311577017_/_311577014'	0.1	0.7	0.2	0.16	3	1.45	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1596	'311582188_/_311582185'	0.1	0.7	0.2	0.16	3	1.39	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1597	'654522948_/_311577030_1'	0.1	0.7	0.2	0.16	0.6	1.45	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1598	'350927657_/_311577030_2'	0.1	0.7	0.2	0	0.6	1.45	0.43 Yes	0	Thermal Discharging
TSS061	1599	'311566636_/_311566633'	0.03	0.27	0.07	0.02	0.1	0.46	0.14 Yes	0.02	Thermal Discharging
TSS061	1600	'311573659_/_311573656'	0.07	0.47	0.13	0.11	0.4	0.92	0.29 Yes	0.07	Primary Over-Voltage
TSS061	1601	'311574729_/_311574884'	0.03	0.23	0.07	0.05	0.2	0.46	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1602	'311582203_/_311582200'	0.1	0.7	0.2	0.16	3	1.38	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1603	'311564774_/_311564771'	0.03	0.27	0.07	0.02	0.7	0.46	0.14 Yes	0.02	Thermal Discharging
TSS061	1604	'311582151_/_311582236'	0.1	0.7	0.2	0.16	3	1.38	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1605	'311679289_/_311582149_1'	0.03	0.23	0.07	0.05	0.2	0.46	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1606	'344510334_/_339907611_2'	0.03	0.23	0.07	0.05	0.2	0.46	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1607	'311564781_/_311564778'	0.03	0.27	0.07	0.02	0.7	0.46	0.14 Yes	0.02	Thermal Discharging
TSS061	1608	'451196838_/_311559700_2'	0.03	0.37	1.4	0.17	0.1	0.45	0.3 Yes	0.03	Primary Over-Voltage
TSS061	1609	'311582060_/_311582169'	0.1	0.7	0.2	0.16	3	1.37	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1610	'311559574_/_311559700_3'	0.03	0.37	1.4	0.17	0.1	0.45	0.3 Yes	0.03	Primary Over-Voltage
TSS061	1611	'311582027_/_311582058'	0.1	0.7	0.2	0.16	3	1.37	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1612	'311573649_/_311577030_3'	0.1	0.7	0.2	0	0.6	1.43	0.43 Yes	0	Thermal Discharging
TSS061	1613	'311582152_/_311582149_2'	0.03	0.23	0.07	0.05	0.2	0.46	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1614	'311564788_/_311564785'	0.03	0.27	0.07	0.02	0.7	0.46	0.14 Yes	0.02	Thermal Discharging
TSS061	1615	'311574504_/_311574502'	0.03	0.23	0.07	0.05	0.2	0.46	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1616	'311582028_/_311582025'	0.1	0.7	0.2	0.16	3	1.37	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1617	'311582037_/_311582034'	0.1	0.7	0.2	0.16	3	1.37	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1618	'311577003_/_311582357'	0.03	0.23	0.07	0.05	0.2	0.46	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1619	'311564801_/_311564798'	0.03	0.27	0.07	0.02	0.7	0.46	0.14 Yes	0.02	Thermal Discharging
TSS061	1620	'311573633_/_311573647'	0.1	0.7	0.2	0	0.6	1.43	0.43 Yes	0	Thermal Discharging
TSS061	1621	'311582004_/_311582049'	0.1	0.7	0.2	0.16	3	1.36	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1622	'311581986_/_311582002'	0.1	0.7	0.2	0.16	3	1.36	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1623	'311582014_/_311582011'	0.07	0.47	0.13	0.11	2	0.91	0.29 Yes	0.07	Primary Over-Voltage
TSS061	1624	'311564808_/_311564805'	0.03	0.27	0.07	0.02	0.7	0.45	0.14 Yes	0.02	Thermal Discharging
TSS061	1625	'473812598_/_311573631_1'	0.1	0.7	0.2	0	0.6	1.42	0.43 Yes	0	Thermal Discharging
TSS061	1626	'311581410_/_311581984'	0.1	0.7	0.2	0.16	3	1.36	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1627	'311573617_/_311573631_2'	0.1	0.7	0.2	0	0.6	1.42	0.43 Yes	0	Thermal Discharging
TSS061	1628	'350928849_/_311581408_1'	0.03	0.23	0.07	0.05	0.2	0.45	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1629	'311575312_/_311577000'	0.03	0.23	0.07	0.05	0.2	0.45	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1630	'311581367_/_311581993'	0.1	0.7	0.2	0.16	3	1.35	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1631	'311564815_/_311564812'	0.03	0.27	0.07	0.02	0.7	0.45	0.14 Yes	0.02	Thermal Discharging
TSS061	1632	'311679306_/_311581365_1'	0.1	0.7	0.2	0.16	3	1.35	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1633	'311581368_/_311581365_2'	0.1	0.7	0.2	0.16	3	1.35	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1634	'473812617_/_311573615_1'	0.1	0.7	0.2	0	0.6	1.41	0.43 Yes	0	Thermal Discharging
TSS061	1635	'311573601_/_311573615_2'	0.1	0.7	0.2	0	0.6	1.41	0.43 Yes	0	Thermal Discharging
TSS061	1636	'311581963_/_311581960'	0.1	0.7	0.2	0.16	3	1.35	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1637	'311564822_/_311564819'	0.03	0.27	0.07	0.02	0.7	0.45	0.14 Yes	0.02	Thermal Discharging
TSS061	1638	'311574518_/_311574516'	0.03	0.23	0.07	0.05	0.2	0.45	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1639	'311566643_/_311566640'	0.03	0.23	0.07	0.02	0.1	0.45	0.14 Yes	0.02	Thermal Discharging
TSS061	1640	'311581376_/_311581969'	0.1	0.7	0.2	0.16	3	1.34	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1641	'339907960_/_311581374'	0.1	0.7	0.2	0.16	3	1.34	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1642	'311575311_/_311575309'	0.03	0.23	0.07	0.05	0.2	0.45	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1643	'311679202_/_311581401_2'	0.03	0.23	0.07	0.05	1	0.45	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1644	'311581377_/_339907971'	0.1	0.7	0.2	0.16	3	1.34	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1645	'311564829_/_311564826'	0.03	0.23	0.07	0.02	0.7	0.45	0.14 Yes	0.02	Thermal Discharging
TSS061	1646	'311559400_/_311559397'	0.03	0.37	1.4	0.17	0.1	0.44	0.3 Yes	0.03	Primary Over-Voltage
TSS061	1647	'311573585_/_311573599'	0.1	0.7	0.2	0	0.6	1.4	0.43 Yes	0	Thermal Discharging
TSS061	1648	'311581411_/_311581408_2'	0.03	0.23	0.07	0.05	0.2	0.45	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1649	'311581753_/_311581751'	0.1	0.7	0.2	0.16	2.8	1.34	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1650	'311564842_/_311564839'	0.03	0.23	0.07	0.02	0.7	0.45	0.14 Yes	0.02	Thermal Discharging
TSS061	1651	'311581744_/_311581760'	0.1	0.7	0.2	0.16	2.9	1.34	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1652	'311581403_/_311581401_1'	0.03	0.23	0.07	0.05	0.2	0.45	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1653	'311581777_/_311581775'	0.1	0.7	0.2	0.16	2.8	1.34	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1654	'311581787_/_311581784'	0.1	0.7	0.2	0.16	2.8	1.34	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1655	'311575334_/_311575332'	0.03	0.23	0.07	0.05	0.2	0.45	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1656	'311581699_/_311581742'	0.1	0.7	0.2	0.16	2.9	1.33	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1657	'311564855_/_311564852'	0.03	0.23	0.07	0.02	0.7	0.45	0.14 Yes	0.02	Thermal Discharging
TSS061	1658	'430836179_/_311564865'	0.03	0.23	0.07	0.02	0.7	0.45	0.14 Yes	0.02	Thermal Discharging
TSS061	1659	'311573569_/_311573583'	0.1	0.7	0.2	0	0.6	1.4	0.43 Yes	0	Thermal Discharging
TSS061	1660	'311581796_/_311581793'	0.1	0.7	0.2	0.16	2.8	1.33	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1661	'311581700_/_311581697'	0.1	0.7	0.2	0.16	2.9	1.33	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1662	'311581805_/_311581802'	0.1	0.7	0.2	0.16	2.8	1.33	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1663	'311564875_/_311564872'	0.03	0.23	0.07	0.02	0.7	0.44	0.14 Yes	0.02	Thermal Discharging
TSS061	1664	'311581690_/_311581706'	0.1	0.7	0.2	0.16	2.9	1.33	0.43 Yes	0.1	Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TSS061	1665	'311573570_311573567'	0.1	0.7	0.2	0	0.6	1.39	0.43 Yes	0	Thermal Discharging
TSS061	1666	'311575348_311575346'	0.03	0.23	0.07	0.05	0.2	0.44	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1667	'311581814_311581811'	0.1	0.7	0.2	0.16	2.8	1.33	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1668	'311574532_311574530'	0.03	0.23	0.07	0.05	0.2	0.44	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1669	'311564882_311564879'	0.03	0.23	0.07	0.02	0.7	0.44	0.14 Yes	0.02	Thermal Discharging
TSS061	1670	'311578758_311581688'	0.1	0.7	0.2	0.16	2.9	1.32	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1671	'311564908_311564905'	0.03	0.23	0.07	0.02	0.7	0.44	0.14 Yes	0.02	Thermal Discharging
TSS061	1672	'311578759_311578756'	0.1	0.7	0.2	0.16	2.9	1.32	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1673	'311564895_311564892'	0.03	0.23	0.07	0.02	0.7	0.44	0.14 Yes	0.02	Thermal Discharging
TSS061	1674	'311573537_311577039'	0.1	0.7	0.2	0	0.6	1.38	0.43 Yes	0	Thermal Discharging
TSS061	1675	'311575377_311575381'	0.03	0.23	0.07	0.05	0.2	0.44	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1676	'311584191_311584188'	0.1	0.7	0.2	0.16	2.9	1.32	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1677	'311564954_311564951'	0.03	0.23	0.07	0.02	0.7	0.44	0.14 Yes	0.02	Thermal Discharging
TSS061	1678	'311564915_311564912'	0.03	0.23	0.07	0.02	0.7	0.44	0.14 Yes	0.02	Thermal Discharging
TSS061	1679	'311580097_311584197'	0.1	0.7	0.2	0.16	2.9	1.31	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1680	'311573538_311573535'	0.1	0.7	0.2	0	0.6	1.38	0.43 Yes	0	Thermal Discharging
TSS061	1681	'311564967_311564964'	0.03	0.23	0.07	0.02	0.7	0.44	0.14 Yes	0.02	Thermal Discharging
TSS061	1682	'311575363_311575374'	0.03	0.23	0.07	0.05	0.2	0.44	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1683	'311579135_311580095'	0.1	0.7	0.2	0.16	2.9	1.31	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1684	'311687955_311579133_1'	0.1	0.7	0.2	0.16	0.6	1.31	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1685	'311559575_311559572'	0.03	0.33	1.4	0.17	0.1	0.43	0.3 Yes	0.03	Primary Over-Voltage
TSS061	1686	'311584209_311584206'	0.1	0.7	0.2	0.16	2.9	1.31	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1687	'311579136_311579133_2'	0.1	0.7	0.2	0.16	0.6	1.31	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1688	'311580001_311584215'	0.1	0.7	0.2	0.16	2.9	1.31	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1689	'311580110_311580107'	0.1	0.7	0.2	0.16	0.6	1.3	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1690	'311573514_311573544'	0.1	0.7	0.2	0	0.6	1.37	0.43 Yes	0	Thermal Discharging
TSS061	1691	'311574546_311574544'	0.03	0.23	0.07	0.05	0.2	0.44	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1692	'311575362_311575360'	0.03	0.23	0.07	0.05	0.2	0.43	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1693	'311579906_311579999'	0.1	0.7	0.2	0.16	2.9	1.3	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1694	'350929635_311579904_1'	0.1	0.7	0.2	0.16	0.1	1.3	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1695	'311578995_311580116'	0.1	0.7	0.2	0.16	0.6	1.3	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1696	'311564928_311564925'	0.03	0.23	0.07	0.02	0.7	0.43	0.14 Yes	0.02	Thermal Discharging
TSS061	1697	'311579907_311579904_2'	0.1	0.7	0.2	0.16	0.1	1.3	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1698	'311634895_311565858_1'	0.03	0.23	0.07	0.02	0.1	0.43	0.14 Yes	0.02	Thermal Discharging
TSS061	1699	'311579977_311579984'	0.1	0.7	0.2	0.16	2.8	1.3	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1700	'311575419_311575423'	0.03	0.23	0.07	0.05	0.2	0.43	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1701	'311573498_311573512'	0.1	0.7	0.2	0	0.6	1.36	0.43 Yes	0	Thermal Discharging
TSS061	1702	'311578996_311578993'	0.1	0.7	0.2	0.16	0.6	1.3	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1703	'311579897_311579913'	0.1	0.7	0.2	0.16	0.1	1.3	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1704	'311579144_311579975'	0.1	0.7	0.2	0.16	2.8	1.3	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1705	'311583427_311583962'	0.1	0.7	0.2	0.16	0.6	1.3	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1706	'311675462_311579149_2'	0.1	0.7	0.2	0.16	2.8	1.3	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1707	'350929169_311579142_1'	0.03	0.23	0.07	0.05	0.2	0.43	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1708	'325408290_311584175'	0.1	0.7	0.2	0.16	0.6	1.29	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1709	'311579888_311579895'	0.1	0.7	0.2	0.16	0.1	1.29	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1710	'311579151_311579149_1'	0.1	0.7	0.2	0.16	0.6	1.29	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1711	'311565861_311565858_2'	0.03	0.23	0.07	0.02	0.1	0.43	0.14 Yes	0.02	Thermal Discharging
TSS061	1712	'311583460_311583457'	0.03	0.23	0.07	0.05	0.2	0.43	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1713	'311578723_311579142_2'	0.03	0.23	0.07	0.05	0.2	0.43	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1714	'311583420_311583424'	0.03	0.23	0.07	0.05	0.2	0.43	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1715	'311579705_311579702'	0.07	0.47	0.13	0.11	1.87	0.86	0.29 Yes	0.07	Primary Over-Voltage
TSS061	1716	'311579889_311579886'	0.1	0.7	0.2	0.16	0.1	1.29	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1717	'311583439_325408301'	0.1	0.7	0.2	0.16	0.6	1.29	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1718	'311579943_311579949'	0.1	0.7	0.2	0.16	0.6	1.29	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1719	'311573482_311573496'	0.1	0.7	0.2	0	0.6	1.35	0.43 Yes	0	Thermal Discharging
TSS061	1720	'311564941_311564938'	0.03	0.23	0.07	0.02	0.7	0.43	0.14 Yes	0.02	Thermal Discharging
TSS061	1721	'311575405_311575416'	0.03	0.23	0.07	0.05	0.2	0.43	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1722	'311579696_311579716'	0.07	0.47	0.13	0.11	1.87	0.86	0.29 Yes	0.07	Primary Over-Voltage
TSS061	1723	'311583440_311583437'	0.1	0.7	0.2	0.16	0.6	1.29	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1724	'311578724_311578721'	0.03	0.23	0.07	0.05	0.2	0.43	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1725	'311580385_311580382'	0.1	0.7	0.2	0.16	0.1	1.29	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1726	'311578744_311579940'	0.1	0.7	0.2	0.16	0.6	1.29	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1727	'311583473_311583470'	0.03	0.23	0.07	0.05	0.2	0.43	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1728	'311583407_311583417'	0.03	0.23	0.07	0.05	0.2	0.43	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1729	'311583030_311583444'	0.1	0.7	0.2	0.16	0.6	1.29	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1730	'311578736_311579694'	0.07	0.47	0.13	0.11	1.87	0.86	0.29 Yes	0.07	Primary Over-Voltage
TSS061	1731	'339908029_311579375_2'	0.07	0.47	0.13	0.11	1.87	0.86	0.29 Yes	0.07	Primary Over-Voltage
TSS061	1732	'311580356_311580397'	0.1	0.7	0.2	0.16	0.1	1.29	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1733	'311578743_311578741'	0.1	0.7	0.2	0.16	0.6	1.29	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1734	'311583029_311583027'	0.1	0.7	0.2	0.16	0.6	1.28	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1735	'311573466_311573480'	0.1	0.7	0.2	0	0.6	1.35	0.43 Yes	0	Thermal Discharging
TSS061	1736	'311575404_311575402'	0.03	0.23	0.07	0.05	0.2	0.43	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1737	'311574560_311574558'	0.03	0.23	0.07	0.05	0.2	0.43	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1738	'311579023_311583404'	0.03	0.23	0.07	0.05	0.2	0.43	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1739	'311579370_311579375_1'	0.07	0.47	0.13	0.11	0.4	0.86	0.29 Yes	0.07	Primary Over-Voltage
TSS061	1740	'311581560_311581558'	0.1	0.7	0.2	0.16	0.6	1.28	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1741	'311677844_311580354_1'	0.1	0.7	0.2	0.16	0.1	1.28	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1742	'311583480_311583477'	0.03	0.23	0.07	0.05	0.2	0.43	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1743	'311580339_311580354_2'	0.1	0.7	0.2	0.16	0.1	1.28	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1744	'311583062_311583060'	0.1	0.7	0.2	0.16	0.6	1.28	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1745	'311578737_311578734'	0.03	0.23	0.07	0.05	0.9	0.43	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1746	'311578773_311578771'	0.03	0.23	0.07	0.05	0.93	0.43	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1747	'311675372_311579472_1'	0.03	0.23	0.07	0.05	0.2	0.43	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1748	'311581575_311581573'	0.1	0.7	0.2	0.16	0.6	1.28	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1749	'311579022_311579020'	0.03	0.23	0.07	0.05	0.2	0.43	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1750	'311579316_311579367'	0.07	0.47	0.13	0.11	0.4	0.85	0.29 Yes	0.07	Primary Over-Voltage
TSS061	1751	'311583394_311583391'	0.03	0.23	0.07	0.05	0.2	0.43	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1752	'318245796_311566659'	0.03	0.23	0.07	0.02	0.1	0.43	0.14 Yes	0.02	Thermal Discharging
TSS061	1753	'311583493_311583490'	0.03	0.23	0.07	0.05	0.2	0.43	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1754	'311579089_311580337'	0.1	0.7	0.2	0.16	0.1	1.28	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1755	'311583072_311583078'	0.1	0.7	0.2	0.16	0.6	1.28	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1756	'311581585_311581594'	0.1	0.7	0.2	0.16	0.6	1.28	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1757	'350929779_311579087_1'	0.1	0.7	0.2	0.16	0.1	1.28	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1758	'311579475_311579472_2'	0.03	0.23	0.07	0.05	0.2	0.43	0.14 Yes	0.03	Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TSS061	1759	'311583519_/_311583516'	0.03	0.23	0.07	0.05	0.2	0.43	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1760	'311578786_/_311578784'	0.03	0.23	0.07	0.05	0.93	0.43	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1761	'311581584_/_311581582'	0.1	0.7	0.2	0.16	0.6	1.28	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1762	'311580238_/_311580248'	0.03	0.23	0.07	0.05	0.2	0.43	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1763	'311579302_/_311579313'	0.07	0.47	0.13	0.11	0.4	0.85	0.29 Yes	0.07	Primary Over-Voltage
TSS061	1764	'311573450_/_311573464'	0.1	0.7	0.2	0	0.6	1.34	0.43 Yes	0	Thermal Discharging
TSS061	1765	'311580305_/_311580320'	0.1	0.7	0.2	0.16	0.1	1.28	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1766	'311582844_/_311583069'	0.1	0.7	0.2	0.16	0.6	1.28	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1767	'311575453_/_311575451'	0.03	0.23	0.07	0.05	0.2	0.43	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1768	'311583506_/_311583503'	0.03	0.23	0.07	0.05	0.2	0.43	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1769	'311579301_/_311579299'	0.07	0.47	0.13	0.11	0.4	0.85	0.29 Yes	0.07	Primary Over-Voltage
TSS061	1770	'311582843_/_311582841'	0.1	0.7	0.2	0.16	0.6	1.27	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1771	'311578716_/_311579479'	0.03	0.23	0.07	0.05	0.2	0.42	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1772	'311579090_/_311579087_ 2'	0.1	0.7	0.2	0.16	0.1	1.27	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1773	'311580282_/_311580303'	0.1	0.7	0.2	0.16	0.1	1.27	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1774	'311579413_/_311579417'	0.03	0.23	0.07	0.05	0.93	0.42	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1775	'311581447_/_311581452'	0.07	0.47	0.13	0.11	0.4	0.85	0.29 Yes	0.07	Primary Over-Voltage
TSS061	1776	'311578709_/_311578714'	0.03	0.23	0.07	0.05	0.2	0.42	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1777	'311580164_/_311580235'	0.03	0.23	0.07	0.05	0.2	0.42	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1778	'311582852_/_311582850'	0.1	0.7	0.2	0.16	0.6	1.27	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1779	'311580283_/_311580280'	0.1	0.7	0.2	0.16	0.1	1.27	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1780	'311580165_/_311580162'	0.03	0.23	0.07	0.05	0.2	0.42	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1781	'311581386_/_311581444'	0.07	0.47	0.13	0.11	0.4	0.85	0.29 Yes	0.07	Primary Over-Voltage
TSS061	1782	'311575561_/_311575565'	0.03	0.23	0.07	0.05	0.2	0.42	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1783	'311578794_/_311579410'	0.03	0.23	0.07	0.05	0.93	0.42	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1784	'311675294_/_311578791_ 2'	0.03	0.23	0.07	0.05	0.93	0.42	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1785	'311580547_/_311580544'	0.1	0.7	0.2	0.16	0.1	1.27	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1786	'311582943_/_311582949'	0.1	0.7	0.2	0.16	0.6	1.27	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1787	'311578710_/_311578707'	0.03	0.23	0.07	0.05	0.2	0.42	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1788	'311580429_/_311580440'	0.07	0.47	0.13	0.11	0.07	0.84	0.29 Yes	0.07	Primary Over-Voltage
TSS061	1789	'374467118_/_374466905_ 2'	0.03	0.23	0.07	0.05	0.2	0.42	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1790	'311581385_/_311581383'	0.07	0.47	0.13	0.11	0.4	0.84	0.29 Yes	0.07	Primary Over-Voltage
TSS061	1791	'311579120_/_311580553'	0.1	0.7	0.2	0.16	0.1	1.26	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1792	'684592191_/_311580580_ 1'	0.03	0.23	0.07	0.05	0.03	0.42	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1793	'311579032_/_311580169'	0.03	0.23	0.07	0.05	0.2	0.42	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1794	'311582942_/_311582940'	0.1	0.7	0.2	0.16	0.6	1.26	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1795	'311574574_/_311574572'	0.03	0.23	0.07	0.05	0.2	0.42	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1796	'311580428_/_311580426'	0.07	0.47	0.13	0.11	0.07	0.84	0.29 Yes	0.07	Primary Over-Voltage
TSS061	1797	'311573434_/_311573448'	0.1	0.6	0.2	0	0.6	1.33	0.43 Yes	0	Thermal Discharging
TSS061	1798	'311578793_/_311578791_ 1'	0.03	0.23	0.07	0.05	0.2	0.42	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1799	'374466907_/_374466905_ 1'	0.03	0.23	0.07	0.05	0.1	0.42	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1800	'311579566_/_311579563'	0.03	0.23	0.07	0.05	0.2	0.42	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1801	'311581490_/_311581495'	0.07	0.47	0.13	0.11	0.4	0.84	0.29 Yes	0.07	Primary Over-Voltage
TSS061	1802	'311579010_/_311579030'	0.03	0.23	0.07	0.05	0.2	0.42	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1803	'311575475_/_311575558'	0.03	0.23	0.07	0.05	0.2	0.42	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1804	'311675598_/_311579008_ 1'	0.03	0.23	0.07	0.05	0.1	0.42	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1805	'311579055_/_311579118'	0.1	0.7	0.2	0.16	0.1	1.26	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1806	'311583237_/_311583235'	0.1	0.7	0.2	0.16	0.6	1.26	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1807	'311581526_/_311581530'	0.03	0.23	0.07	0.05	0.2	0.42	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1808	'311579213_/_311579223'	0.03	0.23	0.07	0.05	0.2	0.42	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1809	'350929804_/_311579053_ 1'	0.1	0.7	0.2	0.16	0.1	1.26	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1810	'311688051_/_311579105_ 1'	0.03	0.23	0.07	0.05	0.03	0.42	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1811	'311579056_/_311579053_ 2'	0.1	0.7	0.2	0.16	0.1	1.26	0.43 Yes	0.1	Primary Over-Voltage
TSS061	1812	'311580583_/_311580580_ 2'	0.03	0.23	0.07	0.05	0.03	0.42	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1813	'311581489_/_311581487'	0.07	0.47	0.13	0.11	0.4	0.84	0.29 Yes	0.07	Primary Over-Voltage
TSS061	1814	'311579011_/_311579008_ 2'	0.03	0.23	0.07	0.05	0.1	0.42	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1815	'374466922_/_374466919'	0.03	0.23	0.07	0.05	0.1	0.42	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1816	'311579573_/_311579570'	0.03	0.23	0.07	0.05	0.2	0.42	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1817	'311579212_/_311579210'	0.03	0.23	0.07	0.05	0.2	0.42	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1818	'311582999_/_311582996'	0.03	0.23	0.07	0.05	0.2	0.42	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1819	'311581525_/_311581523'	0.03	0.23	0.07	0.05	0.2	0.42	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1820	'311573412_/_311573432'	0.1	0.6	0.2	0	0.6	1.32	0.43 Yes	0	Thermal Discharging
TSS061	1821	'311559640_/_311559637'	0.03	0.33	1.4	0.17	0.1	0.42	0.3 Yes	0.03	Primary Over-Voltage
TSS061	1822	'311580596_/_311580593'	0.03	0.23	0.07	0.05	0.03	0.42	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1823	'311575291_/_311575472'	0.03	0.23	0.07	0.05	0.2	0.42	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1824	'311578696_/_311579577'	0.03	0.23	0.07	0.05	0.2	0.42	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1825	'311559582_/_311559579'	0.03	0.33	1.4	0.17	0.1	0.41	0.3 Yes	0.03	Primary Over-Voltage
TSS061	1826	'311573396_/_311573410'	0.1	0.6	0.2	0	0.6	1.32	0.43 Yes	0	Thermal Discharging
TSS061	1827	'311579042_/_311579105_ 2'	0.03	0.23	0.07	0.05	0.03	0.42	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1828	'311580612_/_311580609'	0.03	0.23	0.07	0.05	0.03	0.42	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1829	'311578697_/_311578694'	0.03	0.23	0.07	0.05	0.2	0.42	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1830	'311575292_/_311575289'	0.03	0.23	0.07	0.05	0.2	0.42	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1831	'311573383_/_311573393'	0.03	0.2	0.07	0	0.2	0.44	0.14 Yes	0	Thermal Discharging
TSS061	1832	'311580637_/_311580634'	0.03	0.23	0.07	0.05	0.03	0.42	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1833	'311575507_/_311575505'	0.03	0.23	0.07	0.05	0.2	0.42	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1834	'311579043_/_311579040'	0.03	0.23	0.07	0.05	0.03	0.42	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1835	'311575023_/_311579071'	0.03	0.23	0.07	0.05	0.03	0.42	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1836	'311575261_/_311575302'	0.03	0.23	0.07	0.05	0.2	0.42	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1837	'311575022_/_311575020'	0.03	0.23	0.07	0.05	0.03	0.41	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1838	'311574589_/_311574599'	0.03	0.23	0.07	0.05	0.2	0.42	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1839	'311575879_/_311575876'	0.03	0.2	0.07	0	0.2	0.41	0.14 Yes	0	Thermal Discharging
TSS061	1840	'311580492_/_311580641'	0.03	0.23	0.07	0.05	0.03	0.41	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1841	'311575535_/_311575545'	0.03	0.23	0.07	0.05	0.2	0.41	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1842	'311575262_/_311575259'	0.03	0.23	0.07	0.05	0.2	0.41	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1843	'311583247_/_311583244'	0.03	0.23	0.07	0.05	0.03	0.41	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1844	'311575042_/_311575040'	0.03	0.23	0.07	0.05	0.03	0.41	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1845	'311583320_/_311583317'	0.03	0.23	0.07	0.05	0.03	0.41	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1846	'311580493_/_311580490'	0.03	0.23	0.07	0.05	0.03	0.41	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1847	'311575534_/_311575532'	0.03	0.23	0.07	0.05	0.2	0.41	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1848	'311573356_/_311573380'	0.03	0.2	0.07	0	0.2	0.43	0.14 Yes	0	Thermal Discharging
TSS061	1849	'311575893_/_311575890'	0.03	0.2	0.07	0	0.2	0.41	0.14 Yes	0	Thermal Discharging
TSS061	1850	'311583260_/_311583257'	0.03	0.23	0.07	0.05	0.03	0.41	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1851	'311583327_/_311583324'	0.03	0.23	0.07	0.05	0.03	0.41	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1852	'311575056_/_311575054'	0.03	0.23	0.07	0.05	0.03	0.41	0.14 Yes	0.03	Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TSS061	1853	'350929937_/_311583270_1'	0.03	0.23	0.07	0.05	0.03	0.41	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1854	'311583273_/_311583270_2'	0.03	0.23	0.07	0.05	0.03	0.41	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1855	'311583340_/_311583337'	0.03	0.23	0.07	0.05	0.03	0.41	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1856	'311573342_/_311573353'	0.03	0.2	0.07	0	0.2	0.43	0.14 Yes	0	Thermal Discharging
TSS061	1857	'311574588_/_311574586'	0.03	0.23	0.07	0.05	0.2	0.41	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1858	'311575907_/_311575904'	0.03	0.2	0.07	0	0.2	0.41	0.14 Yes	0	Thermal Discharging
TSS061	1859	'311584312_/_311584309'	0.03	0.23	0.07	0.05	0.2	0.41	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1860	'311583347_/_311583344'	0.03	0.23	0.07	0.05	0.03	0.41	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1861	'311575070_/_311575068'	0.03	0.23	0.07	0.05	0.03	0.41	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1862	'311583280_/_311583277'	0.03	0.23	0.07	0.05	0.03	0.41	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1863	'311583354_/_311583351'	0.03	0.2	0.07	0.05	0.03	0.41	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1864	'311573328_/_311573339'	0.03	0.2	0.07	0	0.2	0.43	0.14 Yes	0	Thermal Discharging
TSS061	1865	'311575914_/_311575911'	0.03	0.2	0.07	0	0.2	0.41	0.14 Yes	0	Thermal Discharging
TSS061	1866	'311583367_/_311583364'	0.03	0.2	0.07	0.05	0.03	0.41	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1867	'311574625_/_311584316'	0.03	0.23	0.07	0.05	0.2	0.41	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1868	'311575084_/_311575082'	0.03	0.2	0.07	0.05	0.03	0.41	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1869	'311559653_/_311559650'	0.03	0.33	1.4	0.17	0.1	0.4	0.3 Yes	0.03	Primary Over-Voltage
TSS061	1870	'311583374_/_311583371'	0.03	0.2	0.07	0.05	0.03	0.4	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1871	'311583287_/_311583284'	0.03	0.2	0.07	0.05	0.03	0.4	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1872	'311559475_/_311559548'	0.03	0.33	1.4	0.17	0.1	0.4	0.3 Yes	0.03	Primary Over-Voltage
TSS061	1873	'311573096_/_311573325'	0.03	0.2	0.07	0	0.2	0.42	0.14 Yes	0	Thermal Discharging
TSS061	1874	'311655588_/_311573094_1'	0.03	0.2	0.07	0	0.1	0.4	0.14 Yes	0	Thermal Discharging
TSS061	1875	'311575942_/_311575939'	0.03	0.2	0.07	0	0.2	0.4	0.14 Yes	0	Thermal Discharging
TSS061	1876	'311583381_/_311583378'	0.03	0.2	0.07	0.05	0.03	0.4	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1877	'311575091_/_311575089'	0.03	0.2	0.07	0.05	0.03	0.4	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1878	'311574656_/_311574653'	0.03	0.23	0.07	0.05	0.2	0.4	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1879	'311583300_/_311583297'	0.03	0.2	0.07	0.05	0.03	0.4	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1880	'311574626_/_311574623'	0.03	0.23	0.07	0.05	0.2	0.4	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1881	'311574274_/_311574278'	0.03	0.2	0.07	0	0.2	0.42	0.14 Yes	0	Thermal Discharging
TSS061	1882	'311575949_/_311575946'	0.03	0.2	0.07	0	0.2	0.4	0.14 Yes	0	Thermal Discharging
TSS061	1883	'311575112_/_311575110'	0.03	0.2	0.07	0.05	0.03	0.4	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1884	'311573097_/_311573094_2'	0.03	0.2	0.07	0	0.1	0.4	0.14 Yes	0	Thermal Discharging
TSS061	1885	'311574683_/_311574680'	0.03	0.23	0.07	0.05	0.2	0.4	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1886	'311574949_/_311583304'	0.03	0.2	0.07	0.05	0.03	0.4	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1887	'311575963_/_311575960'	0.03	0.2	0.07	0	0.2	0.4	0.14 Yes	0	Thermal Discharging
TSS061	1888	'311573300_/_311574271'	0.03	0.2	0.07	0	0.2	0.42	0.14 Yes	0	Thermal Discharging
TSS061	1889	'311575119_/_311575117'	0.03	0.2	0.07	0.05	0.03	0.4	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1890	'311575970_/_311575967'	0.03	0.2	0.07	0	0.2	0.4	0.14 Yes	0	Thermal Discharging
TSS061	1891	'311574690_/_311574687'	0.03	0.23	0.07	0.05	0.2	0.4	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1892	'311575140_/_311575138'	0.03	0.2	0.07	0.05	0.03	0.4	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1893	'311573108_/_311573297'	0.03	0.2	0.07	0	0.2	0.42	0.14 Yes	0	Thermal Discharging
TSS061	1894	'350927831_/_311573106_1'	0.03	0.2	0.07	0	0.1	0.39	0.14 Yes	0	Thermal Discharging
TSS061	1895	'311574950_/_311574947'	0.03	0.2	0.07	0.05	0.03	0.39	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1896	'311572980_/_311575974'	0.03	0.2	0.07	0	0.2	0.39	0.14 Yes	0	Thermal Discharging
TSS061	1897	'311575148_/_311575158'	0.03	0.2	0.07	0.05	0.03	0.39	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1898	'311573109_/_311573106_2'	0.03	0.2	0.07	0	0.1	0.39	0.14 Yes	0	Thermal Discharging
TSS061	1899	'311573279_/_311573276'	0.03	0.2	0.07	0	0.2	0.41	0.14 Yes	0	Thermal Discharging
TSS061	1900	'311572981_/_311572978'	0.03	0.2	0.07	0	0.2	0.39	0.14 Yes	0	Thermal Discharging
TSS061	1901	'311559660_/_311559657'	0.03	0.3	1.07	0.17	0.1	0.39	0.3 Yes	0.03	Primary Over-Voltage
TSS061	1902	'311575852_/_311575849'	0.03	0.2	0.07	0	0.2	0.39	0.14 Yes	0	Thermal Discharging
TSS061	1903	'311575147_/_311575145'	0.03	0.2	0.07	0.05	0.03	0.39	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1904	'311688015_/_311575185_1'	0.03	0.2	0.07	0.05	0.03	0.39	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1905	'311573257_/_311573283'	0.03	0.2	0.07	0	0.2	0.41	0.14 Yes	0	Thermal Discharging
TSS061	1906	'311575175_/_311575172'	0.03	0.2	0.07	0.05	0.03	0.39	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1907	'311574964_/_311574961'	0.03	0.2	0.07	0.05	0.03	0.39	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1908	'311573001_/_311572998'	0.03	0.2	0.07	0	0.2	0.39	0.14 Yes	0	Thermal Discharging
TSS061	1909	'311575188_/_311575185_2'	0.03	0.2	0.07	0.05	0.03	0.39	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1910	'311575827_/_311575862'	0.03	0.2	0.07	0	0.2	0.39	0.14 Yes	0	Thermal Discharging
TSS061	1911	'311573243_/_311573255'	0.03	0.2	0.07	0	0.2	0.41	0.14 Yes	0	Thermal Discharging
TSS061	1912	'311573015_/_311573012'	0.03	0.2	0.07	0	0.2	0.39	0.14 Yes	0	Thermal Discharging
TSS061	1913	'311559589_/_311559586'	0.03	0.3	1.4	0.17	0.1	0.38	0.3 Yes	0.03	Primary Over-Voltage
TSS061	1914	'311575813_/_311575825'	0.03	0.2	0.07	0	0.2	0.39	0.14 Yes	0	Thermal Discharging
TSS061	1915	'311574978_/_311574975'	0.03	0.2	0.07	0.05	0.03	0.38	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1916	'311573229_/_311573241'	0.03	0.2	0.07	0	0.2	0.41	0.14 Yes	0	Thermal Discharging
TSS061	1917	'311573029_/_311573026'	0.03	0.2	0.07	0	0.2	0.38	0.14 Yes	0	Thermal Discharging
TSS061	1918	'584994210_/_584994181_2'	0.03	0.3	1.4	0.17	0.1	0.38	0.3 Yes	0.03	Primary Over-Voltage
TSS061	1919	'311575799_/_311575811'	0.03	0.2	0.07	0	0.2	0.38	0.14 Yes	0	Thermal Discharging
TSS061	1920	'311573215_/_311573227'	0.03	0.2	0.07	0	0.2	0.4	0.14 Yes	0	Thermal Discharging
TSS061	1921	'311573043_/_311573040'	0.03	0.2	0.07	0	0.2	0.38	0.14 Yes	0	Thermal Discharging
TSS061	1922	'311575785_/_311575797'	0.03	0.2	0.07	0	0.2	0.38	0.14 Yes	0	Thermal Discharging
TSS061	1923	'311574999_/_311574996'	0.03	0.2	0.07	0.05	0.03	0.38	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1924	'311559476_/_311559473'	0.03	0.3	1.07	0.17	0.1	0.38	0.3 Yes	0.03	Primary Over-Voltage
TSS061	1925	'311573201_/_311573213'	0.03	0.2	0.07	0	0.2	0.4	0.14 Yes	0	Thermal Discharging
TSS061	1926	'311573057_/_311573054'	0.03	0.2	0.07	0	0.2	0.38	0.14 Yes	0	Thermal Discharging
TSS061	1927	'311575771_/_311575783'	0.03	0.2	0.07	0	0.2	0.38	0.14 Yes	0	Thermal Discharging
TSS061	1928	'311573064_/_311573061'	0.03	0.2	0.07	0	0.2	0.38	0.14 Yes	0	Thermal Discharging
TSS061	1929	'311573187_/_311573199'	0.03	0.2	0.07	0	0.2	0.4	0.14 Yes	0	Thermal Discharging
TSS061	1930	'311574916_/_311575003'	0.03	0.2	0.07	0.05	0.03	0.38	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1931	'311575751_/_311575769'	0.03	0.2	0.07	0	0.2	0.38	0.14 Yes	0	Thermal Discharging
TSS061	1932	'311574917_/_311574914'	0.03	0.2	0.07	0.05	0.03	0.37	0.14 Yes	0.03	Primary Over-Voltage
TSS061	1933	'311573173_/_311573185'	0.03	0.2	0.07	0	0.2	0.39	0.14 Yes	0	Thermal Discharging
TSS061	1934	'311575752_/_311575749'	0.03	0.2	0.07	0	0.2	0.37	0.14 Yes	0	Thermal Discharging
TSS061	1935	'311573159_/_311573171'	0.03	0.2	0.07	0	0.2	0.39	0.14 Yes	0	Thermal Discharging
TSS061	1936	'311577500_/_311577497'	0.03	0.2	0.07	0	0.2	0.37	0.14 Yes	0	Thermal Discharging
TSS061	1937	'311573145_/_311573157'	0.03	0.2	0.07	0	0.2	0.39	0.14 Yes	0	Thermal Discharging
TSS061	1938	'311577507_/_311577504'	0.03	0.2	0.07	0	0.2	0.37	0.14 Yes	0	Thermal Discharging
TSS061	1939	'311578612_/_311578609'	0.03	0.2	0.07	0	0.2	0.37	0.14 Yes	0	Thermal Discharging
TSS061	1940	'311573131_/_311573143'	0.03	0.2	0.07	0	0.2	0.39	0.14 Yes	0	Thermal Discharging
TSS061	1941	'311573132_/_311573129'	0.03	0.2	0.07	0	0.2	0.39	0.14 Yes	0	Thermal Discharging
TSS061	1942	'311575707_/_311578616'	0.03	0.2	0.07	0	0.2	0.36	0.14 Yes	0	Thermal Discharging
TSS061	1943	'311566871_/_311578368'	0.03	0.2	0.07	0	0.2	0.39	0.14 Yes	0	Thermal Discharging
TSS061	1944	'311575693_/_311575705'	0.03	0.2	0.07	0	0.2	0.36	0.14 Yes	0	Thermal Discharging
TSS061	1945	'311575694_/_311575691'	0.03	0.2	0.07	0	0.2	0.36	0.14 Yes	0	Thermal Discharging
TSS061	1946	'311566872_/_311566869'	0.03	0.2	0.07	0	0.2	0.38	0.14 Yes	0	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage Over-	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TSS061	1947	'311567013_/_311567010'	0.03	0.2	0.07	0	0.2	0.36	0.14 Yes	0	Thermal Discharging
TSS061	1948	'311559596_/_584994181_1'	0.03	0.3	1.07	0.17	0.1	0.36	0.3 Yes	0.03	Primary Over-Voltage
TSS061	1949	'311577520_/_311577532'	0.03	0.2	0.07	0	0.2	0.36	0.14 Yes	0	Thermal Discharging
TSS061	1950	'311566885_/_311566882'	0.03	0.2	0.07	0	0.2	0.38	0.14 Yes	0	Thermal Discharging
TSS061	1951	'311567026_/_311567023'	0.03	0.2	0.07	0	0.2	0.36	0.14 Yes	0	Thermal Discharging
TSS061	1952	'311575679_/_311577518'	0.03	0.2	0.07	0	0.2	0.36	0.14 Yes	0	Thermal Discharging
TSS061	1953	'311566892_/_311566889'	0.03	0.2	0.07	0	0.2	0.38	0.14 Yes	0	Thermal Discharging
TSS061	1954	'311575665_/_311575677'	0.03	0.2	0.07	0	0.2	0.36	0.14 Yes	0	Thermal Discharging
TSS061	1955	'311559489_/_311559486'	0.03	0.3	1.07	0.17	0.1	0.35	0.3 Yes	0.03	Primary Over-Voltage
TSS061	1956	'311567033_/_311567030'	0.03	0.2	0.07	0	0.2	0.36	0.14 Yes	0	Thermal Discharging
TSS061	1957	'311566899_/_311566896'	0.03	0.2	0.07	0	0.2	0.38	0.14 Yes	0	Thermal Discharging
TSS061	1958	'311575642_/_311575663'	0.03	0.2	0.07	0	0.2	0.36	0.14 Yes	0	Thermal Discharging
TSS061	1959	'311575643_/_311575640'	0.03	0.2	0.07	0	0.2	0.35	0.14 Yes	0	Thermal Discharging
TSS061	1960	'311567046_/_311567043'	0.03	0.2	0.07	0	0.2	0.35	0.14 Yes	0	Thermal Discharging
TSS061	1961	'311566906_/_311566903'	0.03	0.2	0.07	0	0.2	0.37	0.14 Yes	0	Thermal Discharging
TSS061	1962	'311575628_/_311577539'	0.03	0.2	0.07	0	0.2	0.35	0.14 Yes	0	Thermal Discharging
TSS061	1963	'311566919_/_311566916'	0.03	0.2	0.07	0	0.2	0.37	0.14 Yes	0	Thermal Discharging
TSS061	1964	'311567059_/_311567056'	0.03	0.2	0.07	0	0.2	0.35	0.14 Yes	0	Thermal Discharging
TSS061	1965	'311575614_/_311575626'	0.03	0.2	0.07	0	0.2	0.35	0.14 Yes	0	Thermal Discharging
TSS061	1966	'311566926_/_311566923'	0.03	0.2	0.07	0	0.2	0.37	0.14 Yes	0	Thermal Discharging
TSS061	1967	'311567066_/_311567063'	0.03	0.2	0.07	0	0.2	0.35	0.14 Yes	0	Thermal Discharging
TSS061	1968	'311575591_/_311575612'	0.03	0.2	0.07	0	0.2	0.35	0.14 Yes	0	Thermal Discharging
TSS061	1969	'311567079_/_311567076'	0.03	0.2	0.07	0	0.2	0.35	0.14 Yes	0	Thermal Discharging
TSS061	1970	'311566933_/_311566930'	0.03	0.2	0.07	0	0.2	0.37	0.14 Yes	0	Thermal Discharging
TSS061	1971	'311567086_/_311567083'	0.03	0.2	0.07	0	0.2	0.35	0.14 Yes	0	Thermal Discharging
TSS061	1972	'311575592_/_311575589'	0.03	0.2	0.07	0	0.2	0.35	0.14 Yes	0	Thermal Discharging
TSS061	1973	'311674089_/_311576062_2'	0.03	0.2	0.07	0	0.2	0.35	0.14 Yes	0	Thermal Discharging
TSS061	1974	'311566946_/_311566943'	0.03	0.2	0.07	0	0.2	0.37	0.14 Yes	0	Thermal Discharging
TSS061	1975	'311576058_/_311576062_1'	0.03	0.2	0.07	0	0.1	0.34	0.14 Yes	0	Thermal Discharging
TSS061	1976	'311576094_/_311577560'	0.03	0.2	0.07	0	0.2	0.34	0.14 Yes	0	Thermal Discharging
TSS061	1977	'311566953_/_311566950'	0.03	0.2	0.07	0	0.2	0.36	0.14 Yes	0	Thermal Discharging
TSS061	1978	'311576044_/_311576055'	0.03	0.2	0.07	0	0.1	0.34	0.14 Yes	0	Thermal Discharging
TSS061	1979	'311576095_/_311576092'	0.03	0.2	0.07	0	0.2	0.34	0.14 Yes	0	Thermal Discharging
TSS061	1980	'311576030_/_311576041'	0.03	0.2	0.07	0	0.1	0.34	0.14 Yes	0	Thermal Discharging
TSS061	1981	'370689982_/_370689979'	0.03	0.2	0.07	0	0.2	0.34	0.14 Yes	0	Thermal Discharging
TSS061	1982	'311566960_/_311566957'	0.03	0.17	0.07	0	0.2	0.36	0.14 Yes	0	Thermal Discharging
TSS061	1983	'311635938_/_311566970_1'	0.03	0.17	0.07	0	0.1	0.34	0.14 Yes	0	Thermal Discharging
TSS061	1984	'374242987_/_311567096_1'	0.03	0.17	0.07	0	0.2	0.36	0.14 Yes	0	Thermal Discharging
TSS061	1985	'311576016_/_311576027'	0.03	0.2	0.07	0	0.1	0.34	0.14 Yes	0	Thermal Discharging
TSS061	1986	'370690011_/_370690008'	0.03	0.2	0.07	0	0.2	0.34	0.14 Yes	0	Thermal Discharging
TSS061	1987	'311576015_/_311576013'	0.03	0.2	0.07	0	0.1	0.34	0.14 Yes	0	Thermal Discharging
TSS061	1988	'311566973_/_311566970_2'	0.03	0.17	0.07	0	0.1	0.34	0.14 Yes	0	Thermal Discharging
TSS061	1989	'311674009_/_311576156_2'	0.03	0.2	0.07	0	0.1	0.34	0.14 Yes	0	Thermal Discharging
TSS061	1990	'370690045_/_370690042'	0.03	0.2	0.07	0	0.2	0.34	0.14 Yes	0	Thermal Discharging
TSS061	1991	'311567099_/_311567096_2'	0.03	0.17	0.07	0	0.2	0.36	0.14 Yes	0	Thermal Discharging
TSS061	1992	'311566986_/_311566983'	0.03	0.17	0.07	0	0.1	0.34	0.14 Yes	0	Thermal Discharging
TSS061	1993	'370690079_/_370690076'	0.03	0.2	0.07	0	0.2	0.34	0.14 Yes	0	Thermal Discharging
TSS061	1994	'370690180_/_370690177'	0.03	0.2	0.07	0	0.2	0.34	0.14 Yes	0	Thermal Discharging
TSS061	1995	'311559496_/_311559493'	0.03	0.27	1.07	0.17	0.1	0.33	0.3 Yes	0.03	Primary Over-Voltage
TSS061	1996	'311577864_/_370690193'	0.03	0.2	0.07	0	0.2	0.34	0.14 Yes	0	Thermal Discharging
TSS061	1997	'311666297_/_311578134_1'	0.03	0.2	0.07	0	0.1	0.34	0.14 Yes	0	Thermal Discharging
TSS061	1998	'311567112_/_311567109'	0.03	0.17	0.07	0	0.2	0.36	0.14 Yes	0	Thermal Discharging
TSS061	1999	'311566993_/_311566990'	0.03	0.17	0.07	0	0.1	0.33	0.14 Yes	0	Thermal Discharging
TSS061	2000	'311576587_/_311578134_2'	0.03	0.2	0.07	0	0.1	0.33	0.14 Yes	0	Thermal Discharging
TSS061	2001	'311577884_/_311577881'	0.03	0.2	0.07	0	0.2	0.33	0.14 Yes	0	Thermal Discharging
TSS061	2002	'311567000_/_311566997'	0.03	0.17	0.07	0	0.1	0.33	0.14 Yes	0	Thermal Discharging
TSS061	2003	'311576588_/_311576585'	0.03	0.2	0.07	0	0.1	0.33	0.14 Yes	0	Thermal Discharging
TSS061	2004	'311567119_/_311567116'	0.03	0.17	0.07	0	0.2	0.35	0.14 Yes	0	Thermal Discharging
TSS061	2005	'311576147_/_311576156_1'	0.03	0.2	0.07	0	0.1	0.33	0.14 Yes	0	Thermal Discharging
TSS061	2006	'311577813_/_311577810'	0.03	0.17	0.07	0	0.1	0.33	0.14 Yes	0	Thermal Discharging
TSS061	2007	'429197346_/_311576604'	0.03	0.2	0.07	0	0.1	0.33	0.14 Yes	0	Thermal Discharging
TSS061	2008	'311578144_/_311578141'	0.03	0.2	0.07	0	0.1	0.33	0.14 Yes	0	Thermal Discharging
TSS061	2009	'311576794_/_311577895'	0.03	0.2	0.07	0	0.2	0.33	0.14 Yes	0	Thermal Discharging
TSS061	2010	'311577826_/_311577823'	0.03	0.17	0.07	0	0.1	0.33	0.14 Yes	0	Thermal Discharging
TSS061	2011	'311578151_/_311578148'	0.03	0.2	0.07	0	0.1	0.33	0.14 Yes	0	Thermal Discharging
TSS061	2012	'311567126_/_311567123'	0.03	0.17	0.07	0	0.2	0.35	0.14 Yes	0	Thermal Discharging
TSS061	2013	'311577795_/_311578664'	0.03	0.17	0.07	0	0.1	0.33	0.14 Yes	0	Thermal Discharging
TSS061	2014	'311576795_/_311576792'	0.03	0.2	0.07	0	0.2	0.33	0.14 Yes	0	Thermal Discharging
TSS061	2015	'311575228_/_311576144'	0.03	0.17	0.07	0	0.1	0.33	0.14 Yes	0	Thermal Discharging
TSS061	2016	'311578085_/_311578173'	0.03	0.17	0.07	0	0.1	0.33	0.14 Yes	0	Thermal Discharging
TSS061	2017	'311567139_/_311567136'	0.03	0.17	0.07	0	0.2	0.35	0.14 Yes	0	Thermal Discharging
TSS061	2018	'311635896_/_311567188_1'	0.03	0.17	0.07	0	0.1	0.34	0.14 Yes	0	Thermal Discharging
TSS061	2019	'311577774_/_311577793'	0.03	0.17	0.07	0	0.1	0.33	0.14 Yes	0	Thermal Discharging
TSS061	2020	'311635910_/_311567149_1'	0.03	0.17	0.07	0	0.1	0.34	0.14 Yes	0	Thermal Discharging
TSS061	2021	'311578086_/_311578083'	0.03	0.17	0.07	0	0.1	0.33	0.14 Yes	0	Thermal Discharging
TSS061	2022	'370690460_/_311577902_1'	0.03	0.17	0.07	0	0.2	0.33	0.14 Yes	0	Thermal Discharging
TSS061	2023	'311578103_/_311578100'	0.03	0.17	0.07	0	0.1	0.33	0.14 Yes	0	Thermal Discharging
TSS061	2024	'382154287_/_370690458_1'	0.03	0.17	0.07	0	0.1	0.33	0.14 Yes	0	Thermal Discharging
TSS061	2025	'311576802_/_311577902_2'	0.03	0.17	0.07	0	0.2	0.33	0.14 Yes	0	Thermal Discharging
TSS061	2026	'370690590_/_311578063_1'	0.03	0.17	0.07	0	0.1	0.33	0.14 Yes	0	Thermal Discharging
TSS061	2027	'350928623_/_311577909_1'	0.03	0.17	0.07	0	0.1	0.33	0.14 Yes	0	Thermal Discharging
TSS061	2028	'311567191_/_311567188_2'	0.03	0.17	0.07	0	0.1	0.34	0.14 Yes	0	Thermal Discharging
TSS061	2029	'311577767_/_311577772'	0.03	0.17	0.07	0	0.1	0.33	0.14 Yes	0	Thermal Discharging
TSS061	2030	'311567152_/_311567149_2'	0.03	0.17	0.07	0	0.1	0.33	0.14 Yes	0	Thermal Discharging
TSS061	2031	'311635984_/_311567162_1'	0.03	0.17	0.07	0	0.1	0.33	0.14 Yes	0	Thermal Discharging
TSS061	2032	'370690461_/_370690458_2'	0.03	0.17	0.07	0	0.1	0.33	0.14 Yes	0	Thermal Discharging
TSS061	2033	'311578066_/_311578063_2'	0.03	0.17	0.07	0	0.1	0.33	0.14 Yes	0	Thermal Discharging
TSS061	2034	'311576436_/_311577909_2'	0.03	0.17	0.07	0	0.1	0.33	0.14 Yes	0	Thermal Discharging
TSS061	2035	'311575229_/_311575226'	0.03	0.17	0.07	0	0.1	0.33	0.14 Yes	0	Thermal Discharging
TSS061	2036	'370690484_/_370690481'	0.03	0.17	0.07	0	0.1	0.32	0.14 Yes	0	Thermal Discharging
TSS061	2037	'311567204_/_311567201'	0.03	0.17	0.07	0	0.1	0.34	0.14 Yes	0	Thermal Discharging
TSS061	2038	'350928244_/_311576191_1'	0.03	0.17	0.07	0	0.1	0.32	0.14 Yes	0	Thermal Discharging
TSS061	2039	'370690500_/_370690497'	0.03	0.17	0.07	0	0.1	0.32	0.14 Yes	0	Thermal Discharging
TSS061	2040	'311578639_/_311578671'	0.03	0.17	0.07	0	0.1	0.32	0.14 Yes	0	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TSS061	2041	'311577732_/_311577765'	0.03	0.17	0.07	0	0.1	0.32	0.14 Yes	0	Thermal Discharging
TSS061	2042	'311567165_/_311567162_2'	0.03	0.17	0.07	0	0.1	0.32	0.14 Yes	0	Thermal Discharging
TSS061	2043	'311576437_/_311576434'	0.03	0.17	0.07	0	0.1	0.32	0.14 Yes	0	Thermal Discharging
TSS061	2044	'311567211_/_311567208'	0.03	0.17	0.07	0	0.1	0.34	0.14 Yes	0	Thermal Discharging
TSS061	2045	'311635882_/_311567655_1'	0.03	0.17	0.07	0	0.1	0.34	0.14 Yes	0	Thermal Discharging
TSS061	2046	'370690516_/_370690513'	0.03	0.17	0.07	0	0.1	0.32	0.14 Yes	0	Thermal Discharging
TSS061	2047	'311578640_/_311578637'	0.03	0.17	0.07	0	0.1	0.32	0.14 Yes	0	Thermal Discharging
TSS061	2048	'370690532_/_370690529'	0.03	0.17	0.07	0	0.1	0.32	0.14 Yes	0	Thermal Discharging
TSS061	2049	'311567178_/_311567175'	0.03	0.17	0.07	0	0.1	0.32	0.14 Yes	0	Thermal Discharging
TSS061	2050	'311567224_/_311567221'	0.03	0.17	0.07	0	0.1	0.32	0.14 Yes	0	Thermal Discharging
TSS061	2051	'311577939_/_370690551'	0.03	0.17	0.07	0	0.1	0.32	0.14 Yes	0	Thermal Discharging
TSS061	2052	'311567658_/_311567655_2'	0.03	0.17	0.07	0	0.1	0.33	0.14 Yes	0	Thermal Discharging
TSS061	2053	'311576291_/_311577590'	0.03	0.17	0.07	0	0.1	0.32	0.14 Yes	0	Thermal Discharging
TSS061	2054	'311577725_/_311577730'	0.03	0.17	0.07	0	0.1	0.32	0.14 Yes	0	Thermal Discharging
TSS061	2055	'311577946_/_311577944'	0.03	0.17	0.07	0	0.1	0.32	0.14 Yes	0	Thermal Discharging
TSS061	2056	'311576292_/_311576289'	0.03	0.17	0.07	0	0.1	0.32	0.14 Yes	0	Thermal Discharging
TSS061	2057	'311577726_/_311577723'	0.03	0.17	0.07	0	0.1	0.32	0.14 Yes	0	Thermal Discharging
TSS061	2058	'311567244_/_311567228'	0.03	0.17	0.07	0	0.1	0.32	0.14 Yes	0	Thermal Discharging
TSS061	2059	'311576853_/_311577971'	0.03	0.17	0.07	0	0.1	0.32	0.14 Yes	0	Thermal Discharging
TSS061	2060	'311576194_/_311576191_2'	0.03	0.17	0.07	0	0.1	0.32	0.14 Yes	0	Thermal Discharging
TSS061	2061	'311576325_/_311576322'	0.03	0.17	0.07	0	0.1	0.32	0.14 Yes	0	Thermal Discharging
TSS061	2062	'311567251_/_311567248'	0.03	0.17	0.07	0	0.1	0.32	0.14 Yes	0	Thermal Discharging
TSS061	2063	'311576852_/_311576850'	0.03	0.17	0.07	0	0.1	0.32	0.14 Yes	0	Thermal Discharging
TSS061	2064	'311577676_/_311578657'	0.03	0.17	0.07	0	0.1	0.32	0.14 Yes	0	Thermal Discharging
TSS061	2065	'311576400_/_311576397'	0.03	0.17	0.07	0	0.1	0.32	0.14 Yes	0	Thermal Discharging
TSS061	2066	'311576884_/_311577987'	0.03	0.17	0.07	0	0.1	0.32	0.14 Yes	0	Thermal Discharging
TSS061	2067	'311576345_/_311576342'	0.03	0.17	0.07	0	0.1	0.32	0.14 Yes	0	Thermal Discharging
TSS061	2068	'311576215_/_311576212'	0.03	0.17	0.07	0	0.1	0.32	0.14 Yes	0	Thermal Discharging
TSS061	2069	'311567264_/_311567261'	0.03	0.17	0.07	0	0.1	0.32	0.14 Yes	0	Thermal Discharging
TSS061	2070	'311575216_/_311576356'	0.03	0.17	0.07	0	0.1	0.32	0.14 Yes	0	Thermal Discharging
TSS061	2071	'311666107_/_311575214_1'	0.03	0.17	0.07	0	0.1	0.32	0.14 Yes	0	Thermal Discharging
TSS061	2072	'311576883_/_311576881'	0.03	0.17	0.07	0	0.1	0.32	0.14 Yes	0	Thermal Discharging
TSS061	2073	'311577669_/_311577674'	0.03	0.17	0.07	0	0.1	0.32	0.14 Yes	0	Thermal Discharging
TSS061	2074	'311578006_/_311578004'	0.03	0.17	0.07	0	0.1	0.32	0.14 Yes	0	Thermal Discharging
TSS061	2075	'311576407_/_311576404'	0.03	0.17	0.07	0	0.1	0.32	0.14 Yes	0	Thermal Discharging
TSS061	2076	'311576229_/_311576226'	0.03	0.17	0.07	0	0.1	0.32	0.14 Yes	0	Thermal Discharging
TSS061	2077	'311577670_/_311577667'	0.03	0.17	0.07	0	0.1	0.32	0.14 Yes	0	Thermal Discharging
TSS061	2078	'311575217_/_311575214_2'	0.03	0.17	0.07	0	0.1	0.32	0.14 Yes	0	Thermal Discharging
TSS061	2079	'311576898_/_311578011'	0.03	0.17	0.07	0	0.1	0.32	0.14 Yes	0	Thermal Discharging
TSS061	2080	'311576897_/_311576895'	0.03	0.17	0.07	0	0.1	0.32	0.14 Yes	0	Thermal Discharging
TSS061	2081	'311577662_/_311578623'	0.03	0.17	0.07	0	0.1	0.32	0.14 Yes	0	Thermal Discharging
TSS061	2082	'311576366_/_311576363'	0.03	0.17	0.07	0	0.1	0.32	0.14 Yes	0	Thermal Discharging
TSS061	2083	'370691132_/_370691129'	0.03	0.17	0.07	0	0.1	0.32	0.14 Yes	0	Thermal Discharging
TSS061	2084	'311576170_/_311576240'	0.03	0.17	0.07	0	0.1	0.32	0.14 Yes	0	Thermal Discharging
TSS061	2085	'311577655_/_311577660'	0.03	0.17	0.07	0	0.1	0.31	0.14 Yes	0	Thermal Discharging
TSS061	2086	'370691182_/_370691179'	0.03	0.17	0.07	0	0.1	0.31	0.14 Yes	0	Thermal Discharging
TSS061	2087	'311576379_/_311576376'	0.03	0.17	0.07	0	0.1	0.31	0.14 Yes	0	Thermal Discharging
TSS061	2088	'311576250_/_311576247'	0.03	0.17	0.07	0	0.1	0.31	0.14 Yes	0	Thermal Discharging
TSS061	2089	'370691234_/_370691231'	0.03	0.17	0.07	0	0.1	0.31	0.14 Yes	0	Thermal Discharging
TSS061	2090	'311577648_/_311577653'	0.03	0.17	0.07	0	0.1	0.31	0.14 Yes	0	Thermal Discharging
TSS061	2091	'311576171_/_311576168'	0.03	0.17	0.07	0	0.1	0.31	0.14 Yes	0	Thermal Discharging
TSS061	2092	'311577649_/_311577646'	0.03	0.17	0.07	0	0.1	0.31	0.14 Yes	0	Thermal Discharging
TSS061	2093	'370691250_/_370691247'	0.03	0.17	0.07	0	0.1	0.31	0.14 Yes	0	Thermal Discharging
TSS061	2094	'311576271_/_311576268'	0.03	0.17	0.07	0	0.1	0.31	0.14 Yes	0	Thermal Discharging
TSS061	2095	'370691271_/_370691268'	0.03	0.17	0.07	0	0.1	0.31	0.14 Yes	0	Thermal Discharging
TSS061	2096	'370691311_/_370691308'	0.03	0.17	0.07	0	0.1	0.31	0.14 Yes	0	Thermal Discharging
TSS061	2097	'311576278_/_311576275'	0.03	0.17	0.07	0	0.1	0.31	0.14 Yes	0	Thermal Discharging
TSS061	2098	'370691337_/_370691334'	0.03	0.17	0.07	0	0.1	0.31	0.14 Yes	0	Thermal Discharging
TSS061	2099	'370691396_/_370691393'	0.03	0.17	0.07	0	0.1	0.31	0.14 Yes	0	Thermal Discharging
TSS061	2100	'370691412_/_370691409'	0.03	0.17	0.07	0	0.1	0.31	0.14 Yes	0	Thermal Discharging
TSS061	2101	'311559731_/_311559766'	0.03	0.23	1.07	0.17	0.1	0.3	0.3 Yes	0.03	Primary Over-Voltage
TSS061	2102	'679835785_/_584994232_1'	0.03	0.23	1.07	0.17	0.1	0.29	0.3 Yes	0.03	Primary Over-Voltage
TSS061	2103	'584994118_/_584994232_2'	0.03	0.23	1.07	0.17	0.1	0.29	0.3 Yes	0.03	Primary Over-Voltage
TSS061	2104	'311559739_/_584994122'	0.03	0.23	1.07	0.17	0.1	0.29	0.3 Yes	0.03	Primary Over-Voltage
TSS061	2105	'311559832_/_311559829'	0.03	0.23	1.07	0.17	0.1	0.28	0.3 Yes	0.03	Primary Over-Voltage
TSS061	2106	'311559781_/_311559778'	0.03	0.23	1.07	0.17	0.1	0.28	0.3 Yes	0.03	Primary Over-Voltage
TSS061	2107	'311560194_/_311560191'	0.03	0.23	1.07	0.17	0.1	0.28	0.3 Yes	0.03	Primary Over-Voltage
TSS061	2108	'311560201_/_311560198'	0.03	0.23	1.07	0.17	0.1	0.27	0.3 Yes	0.03	Primary Over-Voltage
TSS061	2109	'311559788_/_311559785'	0.03	0.23	1.07	0.17	0.1	0.27	0.3 Yes	0.03	Primary Over-Voltage
TSS061	2110	'311559839_/_311559836'	0.03	0.2	1.07	0.17	0.1	0.26	0.3 Yes	0.03	Primary Over-Voltage
TSS061	2111	'311559801_/_311559798'	0.03	0.2	1.07	0.17	0.1	0.26	0.3 Yes	0.03	Primary Over-Voltage
TSS061	2112	'311559852_/_311559849'	0.03	0.2	1.07	0.17	0.1	0.25	0.3 Yes	0.03	Primary Over-Voltage
TSS061	2113	'311559859_/_311559856'	0.03	0.2	1.07	0.17	0.1	0.23	0.3 Yes	0.03	Primary Over-Voltage
TSS061	2114	'311559872_/_311559869'	0.03	0.2	1.07	0.17	0.1	0.22	0.3 Yes	0.03	Primary Over-Voltage
TSS061	2115	'311559879_/_311559876'	0.03	0.17	1.07	0.17	0.1	0.21	0.3 Yes	0.03	Primary Over-Voltage
TSS061	2116	'311559886_/_311559883'	0.03	0.17	1.07	0.17	0.1	0.2	0.3 Yes	0.03	Primary Over-Voltage
TSS061	2117	'311559899_/_311559896'	0.03	0.17	1.07	0.17	0.1	0.19	0.3 Yes	0.03	Primary Over-Voltage
TSS061	2118	'311559906_/_311559903'	0.03	0.17	1.07	0.17	0.1	0.18	0.3 Yes	0.03	Primary Over-Voltage
TSS061	2119	'311559913_/_311559910'	0.03	0.13	1.07	0.17	0.1	0.17	0.3 Yes	0.03	Primary Over-Voltage
TSS061	2120	'311559920_/_311559917'	0.03	0.13	1.07	0.17	0.1	0.16	0.3 Yes	0.03	Primary Over-Voltage
TSS061	2121	'311559933_/_311559930'	0.03	0.13	1.07	0.17	0.1	0.15	0.3 Yes	0.03	Primary Over-Voltage
TSS061	2122	'311559940_/_311559937'	0.03	0.13	1.07	0.17	0.1	0.14	0.3 Yes	0.03	Primary Over-Voltage
TSS061	2123	'311559947_/_311559944'	0.03	0.13	1.07	0.17	0.1	0.14	0.3 Yes	0.03	Primary Over-Voltage
TSS061	2124	'311559960_/_311559957'	0.03	0.13	1.07	0.17	0.1	0.13	0.3 Yes	0.03	Primary Over-Voltage
TSS061	2125	'311559967_/_311559964'	0.03	0.13	1.07	0.17	0.1	0.13	0.3 Yes	0.03	Primary Over-Voltage
TSS061	2126	'311559974_/_311559971'	0.03	0.1	1.07	0.17	0.1	0.12	0.3 Yes	0.03	Primary Over-Voltage
TSS061	2127	'311559987_/_311559984'	0.03	0.1	0.73	0.17	0.1	0.11	0.3 Yes	0.03	Primary Over-Voltage
TSS061	2128	'350258695_/_311560261'	0.03	0.1	0.73	0.17	0.1	0.11	0.3 Yes	0.03	Primary Over-Voltage
TSS061	2129	'311560231_/_311560228'	0.03	0.1	0.73	0.17	0.1	0.11	0.3 Yes	0.03	Primary Over-Voltage
TSS061	2130	'311559994_/_311559991'	0.03	0.1	0.73	0.17	0.1	0.11	0.3 Yes	0.03	Primary Over-Voltage
TSS061	2131	'311560007_/_311560004'	0.03	0.1	0.73	0.17	0.1	0.1	0.3 Yes	0.03	Primary Over-Voltage
TSS061	2132	'311560014_/_311560011'	0.03	0.1	0.73	0.17	0.1	0.1	0.3 Yes	0.03	Primary Over-Voltage
TSS061	2133	'311560027_/_311560024'	0.03	0.1	0.73	0.17	0.1	0.1	0.3 Yes	0.03	Primary Over-Voltage
TSS061	2134	'311560277_/_311560274'	0.03	0.1	0.73	0.17	0.1	0.09	0.3 Yes	0.03	Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage	Regulator	Thermal	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
				Deviation	Deviation	Discharging				VSR (MW)	Limiting Threshold
TSS061	2135	'311560284_/311560281'		0.03	0.1	0.73	0.17	0.1	0.09	0.3 Yes	0.03 Primary Over-Voltage
TSS061	2136	'311560296_/311560294'		0.03	0.1	0.73	0.17	0.1	0.09	0.3 Yes	0.03 Primary Over-Voltage
TSS061	2137	'311560313_/311560310'		0.03	0.1	0.73	0.17	0.1	0.09	0.3 Yes	0.03 Primary Over-Voltage
TSS061	2138	'311560326_/311560323'		0.03	0.1	0.73	0.17	0.1	0.08	0.3 Yes	0.03 Primary Over-Voltage
TSS061	2139	'311560333_/311560330'		0.03	0.1	0.73	0.17	0.1	0.08	0.3 Yes	0.03 Primary Over-Voltage
TWL061	0	'TWL061_/7730395'		10	10	10	1.98	10	10	10 No	1.98 Thermal Discharging
TWL061	1	'7730397_/7730395'		10	10	10	1.98	10	10	3.72 No	1.98 Thermal Discharging
TWL061	2	'7416213_/8053407'		10	10	10	1.98	10	10	3.72 No	1.98 Thermal Discharging
TWL061	3	'7416214_/7416211'		10	10	10	1.98	10	10	3.72 No	1.98 Thermal Discharging
TWL061	4	'8366216_/9622533'		10	10	10	1.98	10	10	3.72 No	1.98 Thermal Discharging
TWL061	5	'8366217_/8366214'		10	10	10	1.98	10	10	3.72 No	1.98 Thermal Discharging
TWL061	6	'8678865_/8678862'		10	10	10	1.98	10	10	3.72 No	1.98 Thermal Discharging
TWL061	7	'8996288_/8996285'		10	10	10	1.98	10	10	3.72 No	1.98 Thermal Discharging
TWL061	8	'9604541_/9683008'		10	10	10	1.98	10	10	3.72 No	1.98 Thermal Discharging
TWL061	9	'8656558_/9604539'		10	10	10	1.98	10	10	3.72 No	1.98 Thermal Discharging
TWL061	10	'8656559_/8656556'		10	10	10	1.98	10	10	3.72 No	1.98 Thermal Discharging
TWL061	11	'8035464_/8976521'		10	10	10	1.98	10	10	3.72 No	1.98 Thermal Discharging
TWL061	12	'8035463_/8035461'		10	10	10	1.98	10	10	3.72 No	1.98 Thermal Discharging
TWL061	13	'8035343_/8656356'		10	10	10	1.98	10	10	3.72 No	1.98 Thermal Discharging
TWL061	14	'7712455_/8035341'		9.6	10	10	1.98	10	10	3.72 No	1.98 Thermal Discharging
TWL061	15	'7712456_/7712453'		8.7	10	10	1.98	10	10	3.72 No	1.98 Thermal Discharging
TWL061	16	'8332547_/9289765'		8.2	10	10	1.98	10	10	3.72 No	1.98 Thermal Discharging
TWL061	17	'7712416_/8332544'		7.5	10	10	1.98	10	10	3.72 No	1.98 Thermal Discharging
TWL061	18	'7712415_/7712413'		7	10	10	1.98	10	10	3.72 No	1.98 Thermal Discharging
TWL061	19	'9290083_/9604459'		6.5	10	10	1.98	10	10	3.72 No	1.98 Thermal Discharging
TWL061	20	'7399228_/9290081'		6.2	10	10	1.98	10	10	3.72 No	1.98 Thermal Discharging
TWL061	21	'357223936_/7399226'		6.1	10	10	1.98	10	10	3.72 No	1.98 Thermal Discharging
TWL061	22	'357223937_/491777380'		6.1	10	10	1.98	10	10	3.72 No	1.98 Thermal Discharging
TWL061	23	'357224197_/491777374'		6.1	10	10	1.98	10	10	3.72 No	1.98 Thermal Discharging
TWL061	24	'357224105_/491777368'		6.1	10	10	1.98	10	10	3.72 No	1.98 Thermal Discharging
TWL061	25	'357223954_/491777362'		6.1	10	10	1.98	2.9	10	3.72 No	1.98 Thermal Discharging
TWL061	26	'491778000_/491778046'		6.1	10	10	1.98	10	10	3.72 No	1.98 Thermal Discharging
TWL061	27	'7399248_/7712781'		5.6	10	10	1.98	2.9	10	3.72 No	1.98 Thermal Discharging
TWL061	28	'8656754_/8976801'		5.6	10	10	1.98	1.1	10	3.72 No	1.1 Element Fault
TWL061	29	'357224637_/7399246'		5.5	10	10	1.98	10	10	3.72 No	1.98 Thermal Discharging
TWL061	30	'8656459_/9290121'		5.4	10	10	1.98	1.1	10	3.72 No	1.1 Element Fault
TWL061	31	'8350481_/8656456'		5.2	10	10	1.98	10	10	3.72 No	1.98 Thermal Discharging
TWL061	32	'429246090_/8656752'		5.1	10	10	1.98	2.9	10	3.72 No	1.98 Thermal Discharging
TWL061	33	'8350482_/8350479'		5	10	10	1.98	10	10	3.72 No	1.98 Thermal Discharging
TWL061	34	'438778495_/429246131'		4.9	10	10	1.98	2.9	10	3.72 No	1.98 Thermal Discharging
TWL061	35	'332390156_/438778515'		4.9	10	10	1.98	2.9	10	3.72 No	1.98 Thermal Discharging
TWL061	36	'332390087_/332390201'		4.9	10	10	1.98	2.9	10	3.72 No	1.98 Thermal Discharging
TWL061	37	'8976203_/8976201'		4.9	10	10	1.98	10	10	3.72 No	1.98 Thermal Discharging
TWL061	38	'9290064_/332390093'		4.7	10	10	1.98	2.9	10	3.72 No	1.98 Thermal Discharging
TWL061	39	'8656059_/8976221_2'		4.7	10	10	1.98	10	10	3.72 No	1.98 Thermal Discharging
TWL061	40	'5424643_/8976221_1'		4.7	10	10	1.98	10	10	3.72 No	1.98 Thermal Discharging
TWL061	41	'5421389_/5424640'		4.6	10	10	1.98	10	10	3.72 No	1.98 Thermal Discharging
TWL061	42	'5421460_/5424657'		3.07	6.67	6.67	1.32	2.4	6.67	2.48 No	1.32 Thermal Discharging
TWL061	43	'451290178_/451290180'		3.07	6.67	6.67	1.32	1.6	6.67	2.48 No	1.32 Thermal Discharging
TWL061	44	'451290358_/451290337_1'		4.6	10	10	1.98	10	10	3.72 No	1.98 Thermal Discharging
TWL061	45	'5421372_/5421387'		4.6	10	10	1.98	10	10	3.72 No	1.98 Thermal Discharging
TWL061	46	'5421447_/5421445_1'		4.6	10	10	1.98	10	10	3.72 No	1.98 Thermal Discharging
TWL061	47	'5424677_/5424674'		1.53	3.33	3.33	0.66	0.5	3.33	1.24 No	0.5 Element Fault
TWL061	48	'5421635_/5424691'		4.5	10	10	1.98	10	10	3.72 No	1.98 Thermal Discharging
TWL061	49	'5421338_/5421369'		4.4	10	10	1.98	10	10	3.72 No	1.98 Thermal Discharging
TWL061	50	'451290514_/451290337_2'		4.4	10	10	1.98	10	10	3.72 No	1.98 Thermal Discharging
TWL061	51	'5421448_/5421445_2'		1.47	3.33	3.33	0.66	0.5	3.33	1.24 No	0.5 Element Fault
TWL061	52	'5421636_/5421646_1'		1.47	3.33	3.33	0.66	0.5	3.33	1.24 No	0.5 Element Fault
TWL061	53	'7399289_/9290061'		4.3	10	10	1.98	2.9	10	3.72 No	1.98 Thermal Discharging
TWL061	54	'451290217_/451290337_3'		4.4	10	10	1.98	10	10	3.72 No	1.98 Thermal Discharging
TWL061	55	'5424711_/5424708'		4.3	10	10	1.98	10	10	3.72 No	1.98 Thermal Discharging
TWL061	56	'43711053_/43711055'		4.3	10	10	1.98	10	10	3.72 No	1.98 Thermal Discharging
TWL061	57	'5403332_/451290219'		4.3	10	10	1.98	10	10	3.72 No	1.98 Thermal Discharging
TWL061	58	'5421623_/5421646_2'		1.53	3.33	3.33	0.66	0.8	3.33	1.24 No	0.66 Thermal Discharging
TWL061	59	'5429967_/5429965'		1.43	3.33	3.33	0.66	0.5	3.33	1.24 No	0.5 Element Fault
TWL061	60	'5421745_/5424725'		1.4	3.33	3.33	0.66	0.5	3.33	1.24 No	0.5 Element Fault
TWL061	61	'5403315_/5403329'		4.2	10	10	1.98	10	10	3.72 No	1.98 Thermal Discharging
TWL061	62	'43712120_/5433475'		2.8	6.67	6.67	1.32	1.6	6.67	2.48 No	1.32 Thermal Discharging
TWL061	63	'5421746_/5433538_1'		4.2	10	10	1.98	10	10	3.72 No	1.98 Thermal Discharging
TWL061	64	'8976619_/8976617_1'		4.2	10	10	1.98	10	10	3.72 No	1.98 Thermal Discharging
TWL061	65	'433624255_/5433525_2'		1.4	3.33	3.33	0.66	0.5	3.33	1.24 No	0.5 Element Fault
TWL061	66	'5403314_/5403312'		4.2	10	10	1.98	1.6	10	3.72 No	1.6 Element Fault
TWL061	67	'43712134_/43712122'		1.4	3.33	3.33	0.66	1.2	3.33	1.24 No	0.66 Thermal Discharging
TWL061	68	'5429955_/5429981'		4.1	10	10	1.98	10	10	3.72 No	1.98 Thermal Discharging
TWL061	69	'5430113_/5430124_2'		4.2	10	10	1.98	10	10	3.72 No	1.98 Thermal Discharging
TWL061	70	'5421323_/5421335'		1.37	3.33	3.33	0.66	0.5	3.33	1.24 No	0.5 Element Fault
TWL061	71	'5433495_/43712136'		4.1	10	10	1.98	10	10	3.72 No	1.98 Thermal Discharging
TWL061	72	'5425147_/5425145'		1.37	3.33	3.33	0.66	1.1	3.33	1.24 No	0.66 Thermal Discharging
TWL061	73	'5421474_/5421471'		4	10	10	1.98	10	10	3.72 No	1.98 Thermal Discharging
TWL061	74	'5425165_/5425179'		1.33	3.33	3.33	0.66	0.5	3.33	1.24 No	0.5 Element Fault
TWL061	75	'5430101_/5430124_1'		4	10	10	1.98	10	10	3.72 No	1.98 Thermal Discharging
TWL061	76	'5430233_/5430231'		1.33	3.33	3.33	0.66	0.5	3.33	1.24 No	0.5 Element Fault
TWL061	77	'5425164_/5425162'		1.43	3.33	3.33	0.66	0.8	3.33	1.24 No	0.66 Thermal Discharging
TWL061	78	'5421610_/5421620'		1.33	3.33	3.33	0.66	0.5	3.33	1.24 No	0.5 Element Fault
TWL061	79	'5421732_/5433525_1'		1.43	3.33	3.33	0.66	0.3	3.33	1.24 No	0.3 Element Fault
TWL061	80	'5429942_/5429952'		1.43	3.33	3.33	0.66	0.3	3.33	1.24 No	0.3 Element Fault
TWL061	81	'5430155_/5430244'		3.9	10	10	1.98	10	10	3.72 No	1.98 Thermal Discharging
TWL061	82	'5422264_/5425216'		1.3	3.33	3.33	0.66	0.5	3.33	1.24 No	0.5 Element Fault
TWL061	83	'8656694_/8976617_2'		1.4	3.33	3.33	0.66	0.5	3.33	1.24 No	0.5 Element Fault
TWL061	84	'43710899_/5421402'		1.3	3.33	3.33	0.66	0.5	3.33	1.24 No	0.5 Element Fault
TWL061	85	'5425198_/5425196'		1.3	3.33	3.33	0.66	0.5	3.33	1.24 No	0.5 Element Fault
TWL061	86	'37911734_/7713013'		3.8	10	10	1.98	10	10	3.72 No	1.98 Thermal Discharging
TWL061	87	'404419528_/37911738'		3.9	10	10	1.98	10	10	3.72 No	1.98 Thermal Discharging
TWL061	88	'37911748_/37911745'		3.9	10	10	1.98	10	10	3.72 No	1.98 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
											VSR (MW)	Limiting Threshold
TWL061	89	'37911762_/_37911766'		3.9	10	10	1.98	4.9	10	3.72 No	1.98	Thermal Discharging
TWL061	90	'37911776_/_37911773'		3.9	10	10	1.98	4.8	10	3.72 No	1.98	Thermal Discharging
TWL061	91	'5422251_/_43711134_2'		3.9	10	10	1.98	10	10	3.72 No	1.98	Thermal Discharging
TWL061	92	'5430088_/_5430098'		3.8	10	10	1.98	1.6	10	3.72 No	1.6	Element Fault
TWL061	93	'5421528_/_5421526'		3.8	10	10	1.98	10	10	3.72 No	1.98	Thermal Discharging
TWL061	94	'43710965_/_5433538_2'		1.27	3.33	3.33	0.66	1.1	3.33	1.24 No	0.66	Thermal Discharging
TWL061	95	'43711132_/_43711134_1'		3.7	10	10	1.98	10	10	3.72 No	1.98	Thermal Discharging
TWL061	96	'5421665_/_5421662'		3.7	10	10	1.98	10	10	3.72 No	1.98	Thermal Discharging
TWL061	97	'5430156_/_5430153'		1.23	3.3	3.33	0.66	0.5	3.33	1.24 No	0.5	Element Fault
TWL061	98	'5421733_/_5421730'		1.23	3.3	3.33	0.66	0.5	3.33	1.24 No	0.5	Element Fault
TWL061	99	'5430143_/_5430140'		1.27	3.3	3.33	0.66	0.5	3.33	1.24 No	0.5	Element Fault
TWL061	100	'481980889_/_481980866_1'		2.47	6.53	6.67	1.32	1.6	6.67	2.48 No	1.32	Thermal Discharging
TWL061	101	'7399288_/_7399286'		1.2	3.23	3.33	0.66	0.5	3.33	1.24 No	0.5	Element Fault
TWL061	102	'8655605_/_9589071_1'		1.2	3.2	3.33	0.66	0.5	3.33	1.24 No	0.5	Element Fault
TWL061	103	'43711042_/_5429994'		1.2	3.2	3.33	0.66	0.5	3.33	1.24 No	0.5	Element Fault
TWL061	104	'7398331_/_7711917'		1.33	3.2	3.33	0.66	0.5	3.33	1.24 No	0.5	Element Fault
TWL061	105	'5421308_/_5421320'		3.7	9.6	10	1.98	4.8	10	3.72 No	1.98	Thermal Discharging
TWL061	106	'5421356_/_5421353'		1.2	3.2	3.33	0.66	0.5	3.33	1.24 No	0.5	Element Fault
TWL061	107	'5421487_/_5421484'		1.33	3.2	3.33	0.66	0.3	3.33	1.24 No	0.3	Element Fault
TWL061	108	'7398294_/_7398292_1'		3.6	9.5	10	1.98	2.9	10	3.72 No	1.98	Thermal Discharging
TWL061	109	'7711846_/_9589087_1'		1.33	3.2	3.33	0.66	0.3	3.33	1.24 No	0.3	Element Fault
TWL061	110	'5430259_/_5430257'		1.2	3.17	3.33	0.66	0.5	3.33	1.24 No	0.5	Element Fault
TWL061	111	'37912140_/_8656436'		1.3	3.13	3.33	0.66	0.3	3.33	1.24 No	0.3	Element Fault
TWL061	112	'37912147_/_37912144'		3.5	9.4	10	1.98	2.9	10	3.72 No	1.98	Thermal Discharging
TWL061	113	'404420098_/_404420095'		1.17	3.13	3.33	0.66	0.5	3.33	1.24 No	0.5	Element Fault
TWL061	114	'37912154_/_37912158'		3.5	9.3	10	1.98	1.6	10	3.72 No	1.6	Element Fault
TWL061	115	'37912168_/_37912165'		1.17	3.1	3.33	0.66	0.5	3.33	1.24 No	0.5	Element Fault
TWL061	116	'5422225_/_5422235'		1.27	3.07	3.33	0.66	0.3	3.33	1.24 No	0.3	Element Fault
TWL061	117	'5421609_/_5421607'		1.13	3.07	3.33	0.66	0.5	3.33	1.24 No	0.5	Element Fault
TWL061	118	'5429929_/_5429939'		1.17	3.03	3.33	0.66	0.5	3.33	1.24 No	0.5	Element Fault
TWL061	119	'8035875_/_8656692'		1.13	3.03	3.33	0.66	0.5	3.33	1.24 No	0.5	Element Fault
TWL061	120	'8034983_/_8655884'		3.4	8.9	10	1.98	2.9	10	3.72 No	1.98	Thermal Discharging
TWL061	121	'5430075_/_5430085'		1.1	2.93	3.33	0.66	0.5	3.33	1.24 No	0.5	Element Fault
TWL061	122	'5421720_/_5421756'		3.3	8.8	10	1.98	1.6	10	3.72 No	1.6	Element Fault
TWL061	123	'5433382_/_5433379'		1.1	2.9	3.33	0.66	0.5	3.33	1.24 No	0.5	Element Fault
TWL061	124	'57166725_/_86194589'		2.13	5.8	6.67	1.32	1.6	6.67	2.48 No	1.32	Thermal Discharging
TWL061	125	'404060340_/_57166357'		3.4	8.6	10	1.98	10	10	3.72 No	1.98	Thermal Discharging
TWL061	126	'57166705_/_57166333'		3.4	8.6	10	1.98	10	10	3.72 No	1.98	Thermal Discharging
TWL061	127	'57166715_/_57166351'		3.4	8.6	10	1.98	10	10	3.72 No	1.98	Thermal Discharging
TWL061	128	'57166695_/_57166327'		3.4	8.6	10	1.98	4.7	10	3.72 No	1.98	Thermal Discharging
TWL061	129	'7398295_/_7398292_2'		3.4	8.6	10	1.98	10	10	3.72 No	1.98	Thermal Discharging
TWL061	130	'43710887_/_5421305'		1.1	2.87	3.33	0.66	0.5	3.33	1.24 No	0.5	Element Fault
TWL061	131	'8350177_/_9589087_2'		1.17	2.87	3.33	0.66	0.3	3.33	1.24 No	0.3	Element Fault
TWL061	132	'5429997_/_43711044'		3.3	8.5	10	1.98	2.9	10	3.72 No	1.98	Thermal Discharging
TWL061	133	'8035876_/_8035873'		3.3	8.5	10	1.98	2.9	10	3.72 No	1.98	Thermal Discharging
TWL061	134	'5422212_/_5422222'		3.2	8.4	10	1.98	2.9	10	3.72 No	1.98	Thermal Discharging
TWL061	135	'43711900_/_5432382'		1.03	2.8	3.33	0.66	0.5	3.33	1.24 No	0.5	Element Fault
TWL061	136	'9289161_/_9589071_2'		3.1	8.3	10	1.98	1.6	10	3.72 No	1.6	Element Fault
TWL061	137	'43711031_/_43711033'		1.03	2.73	3.33	0.66	0.5	3.33	1.24 No	0.5	Element Fault
TWL061	138	'7712316_/_7712313'		1.03	2.73	3.33	0.66	0.5	3.33	1.24 No	0.5	Element Fault
TWL061	139	'43710932_/_43710934'		1.13	2.73	3.33	0.66	0.3	3.33	1.24 No	0.3	Element Fault
TWL061	140	'7398330_/_7398328'		1.13	2.73	3.33	0.66	0.3	3.33	1.24 No	0.3	Element Fault
TWL061	141	'37907412_/_37907409'		3.1	8.1	10	1.98	1.6	10	3.72 No	1.6	Element Fault
TWL061	142	'37907391_/_37907416'		3.2	8.1	10	1.98	10	10	3.72 No	1.98	Thermal Discharging
TWL061	143	'37907426_/_37907423'		3.2	8	10	1.98	10	10	3.72 No	1.98	Thermal Discharging
TWL061	144	'37907398_/_37907395'		1	2.67	3.33	0.66	0.5	3.33	1.24 No	0.5	Element Fault
TWL061	145	'37907384_/_37907388'		1	2.67	3.33	0.66	0.5	3.33	1.24 No	0.5	Element Fault
TWL061	146	'9604601_/_37907402'		3.1	7.9	10	1.98	2.9	10	3.72 No	1.98	Thermal Discharging
TWL061	147	'7711900_/_37907430'		1	2.6	3.33	0.66	0.5	3.33	1.24 No	0.5	Element Fault
TWL061	148	'9289195_/_37907381'		1.07	2.6	3.33	0.66	0.3	3.33	1.24 No	0.3	Element Fault
TWL061	149	'7705267_/_8411704'		3	7.8	10	1.98	1.2	10	3.72 No	1.2	Element Fault
TWL061	150	'8342383_/_8342381'		3	7.8	10	1.98	1.2	10	3.72 No	1.2	Element Fault
TWL061	151	'8034984_/_8034981'		3	7.8	10	1.98	1.2	10	3.72 No	1.2	Element Fault
TWL061	152	'43711077_/_43711079'		3	7.8	10	1.98	1.2	10	3.72 No	1.2	Element Fault
TWL061	153	'8034634_/_8034631'		3	7.8	10	1.98	1.2	10	3.72 No	1.2	Element Fault
TWL061	154	'8350385_/_8350383'		3	7.8	10	1.98	1.2	10	3.72 No	1.2	Element Fault
TWL061	155	'8135907_/_9290309'		3	7.8	10	1.98	1.2	10	3.72 No	1.2	Element Fault
TWL061	156	'37903285_/_7705265'		3	7.8	10	1.98	1.2	10	3.72 No	1.2	Element Fault
TWL061	157	'404195482_/_37903289'		3	7.8	10	1.98	1.2	10	3.72 No	1.2	Element Fault
TWL061	158	'37903299_/_37903296'		3.1	7.8	10	1.98	10	10	3.72 No	1.98	Thermal Discharging
TWL061	159	'37903264_/_37903261'		3.1	7.8	10	1.98	10	10	3.72 No	1.98	Thermal Discharging
TWL061	160	'37903250_/_37903254'		3.1	7.8	10	1.98	5.3	10	3.72 No	1.98	Thermal Discharging
TWL061	161	'43711099_/_5433392'		3.1	7.8	10	1.98	4.7	10	3.72 No	1.98	Thermal Discharging
TWL061	162	'8034650_/_481980866_2'		3.1	7.8	10	1.98	10	10	3.72 No	1.98	Thermal Discharging
TWL061	163	'8024618_/_8024616'		1.93	5.13	6.67	1.32	1.6	6.67	2.48 No	1.32	Thermal Discharging
TWL061	164	'8350178_/_8350175'		0.97	2.53	3.33	0.66	0.5	3.33	1.24 No	0.5	Element Fault
TWL061	165	'43711121_/_5422209'		1.07	2.53	3.33	0.66	0.3	3.33	1.24 No	0.3	Element Fault
TWL061	166	'5421417_/_5421415'		2.9	7.6	10	1.98	2.9	10	3.72 No	1.98	Thermal Discharging
TWL061	167	'7705004_/_9283067'		3	7.6	10	1.98	10	10	3.72 No	1.98	Thermal Discharging
TWL061	168	'5421499_/_5432366'		2.8	7.5	10	1.98	1.6	10	3.72 No	1.6	Element Fault
TWL061	169	'5429903_/_5429913'		2.9	7.6	10	1.98	2.9	10	3.72 No	1.98	Thermal Discharging
TWL061	170	'8135908_/_8135905'		3	7.5	10	1.98	4.7	10	3.72 No	1.98	Thermal Discharging
TWL061	171	'9589226_/_9589355'		0.93	2.5	3.33	0.66	0.5	3.33	1.24 No	0.5	Element Fault
TWL061	172	'8350161_/_465005918'		0.93	2.47	3.33	0.66	0.5	3.33	1.24 No	0.5	Element Fault
TWL061	173	'5421584_/_5421594'		0.93	2.43	3.33	0.66	0.5	3.33	1.24 No	0.5	Element Fault
TWL061	174	'8350334_/_8350331'		1	2.4	3.33	0.66	0.3	3.32	1.24 No	0.3	Element Fault
TWL061	175	'5430049_/_5430059'		0.9	2.4	3.33	0.66	0.5	3.33	1.24 No	0.5	Element Fault
TWL061	176	'8024987_/_8342559'		2.9	7.2	10	1.98	10	9.66	3.72 No	1.98	Thermal Discharging
TWL061	177	'7712000_/_9289193'		0.9	2.37	3.33	0.66	0.5	3.28	1.24 No	0.5	Element Fault
TWL061	178	'5430169_/_5430166'		2.7	7.1	10	1.98	1.6	9.87	3.72 No	1.6	Element Fault
TWL061	179	'8024986_/_8024984'		0.97	2.33	3.33	0.66	0.3	3.3	1.24 No	0.3	Element Fault
TWL061	180	'8655674_/_8655672'		0.97	2.33	3.33	0.66	0.3	3.28	1.24 No	0.3	Element Fault
TWL061	181	'8350502_/_8350519'		0.87	2.33	3.33	0.66	0.5	3.21	1.24 No	0.5	Element Fault
TWL061	182	'37903754_/_8649889'		2.7	7	10	1.98	2.9	9.94	3.72 No	1.98	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Over- Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TWL061	183	'404195288_/37903758'		2.8	6.9	10	1.98	10	9.36	3.72 No	1.98 Thermal Discharging
TWL061	184	'37903803_/37903800'		2.7	6.8	10	1.98	10	9.29	3.72 No	1.98 Thermal Discharging
TWL061	185	'37903789_/37903793'		2.7	6.8	10	1.98	10	9.28	3.72 No	1.98 Thermal Discharging
TWL061	186	'37903768_/37903765'		2.7	6.8	10	1.98	10	9.28	3.72 No	1.98 Thermal Discharging
TWL061	187	'5422186_/5422196'		2.7	6.8	10	1.98	10	9.28	3.72 No	1.98 Thermal Discharging
TWL061	188	'5421500_/5421497'		2.7	6.8	10	1.98	4.7	9.28	3.72 No	1.98 Thermal Discharging
TWL061	189	'9079850_/9395668'		1.67	4.53	6.67	1.32	1.6	6.43	2.48 No	1.32 Thermal Discharging
TWL061	190	'8656598_/9604599'		0.97	2.27	3.33	0.66	0.3	3.17	1.24 No	0.3 Element Fault
TWL061	191	'43710863_/43710865'		0.83	2.23	3.33	0.66	0.5	3.12	1.24 No	0.5 Element Fault
TWL061	192	'37903859_/9283597'		2.6	6.7	10	1.98	1.1	9.42	3.72 No	1.1 Element Fault
TWL061	193	'37903824_/37903856'		0.83	2.23	3.33	0.66	0.5	3.15	1.24 No	0.5 Element Fault
TWL061	194	'37903817_/37903821'		2.7	6.7	10	1.98	1.1	9.13	3.72 No	1.1 Element Fault
TWL061	195	'37903831_/37903828'		2.7	6.7	10	1.98	1.1	9.13	3.72 No	1.1 Element Fault
TWL061	196	'37903845_/37903849'		2.7	6.7	10	1.98	1.1	9.13	3.72 No	1.1 Element Fault
TWL061	197	'5429890_/5429900'		2.7	6.7	10	1.98	1.1	9.13	3.72 No	1.1 Element Fault
TWL061	198	'7711999_/7711997'		2.7	6.7	10	1.98	1.1	9.13	3.72 No	1.1 Element Fault
TWL061	199	'7392262_/523337067_2'		2.5	6.7	10	1.98	1.6	9.4	3.72 No	1.6 Element Fault
TWL061	200	'5421571_/5421581'		2.6	6.7	10	1.98	1.1	9.34	3.72 No	1.1 Element Fault
TWL061	201	'8655658_/8655656'		0.83	2.2	3.33	0.66	0.5	3.11	1.24 No	0.5 Element Fault
TWL061	202	'5430036_/5430046'		2.5	6.6	10	1.98	1.2	9.26	3.72 No	1.2 Element Fault
TWL061	203	'9289276_/9289273_1'		2.6	6.5	10	1.98	2.9	9.48	3.72 No	1.98 Thermal Discharging
TWL061	204	'7392263_/523337067_1'		0.83	2.17	3.33	0.66	0.5	3.08	1.24 No	0.5 Element Fault
TWL061	205	'8969376_/9284023'		0.83	2.17	3.33	0.66	0.5	3.05	1.24 No	0.5 Element Fault
TWL061	206	'5430182_/5430179'		2.7	6.4	10	1.98	5.3	8.93	3.72 No	1.98 Thermal Discharging
TWL061	207	'7391670_/452858526'		0.8	2.13	3.33	0.66	0.5	2.99	1.24 No	0.5 Element Fault
TWL061	208	'8034577_/8656596'		2.4	6.3	10	1.98	1.1	8.99	3.72 No	1.1 Element Fault
TWL061	209	'8342773_/8342771'		2.5	6.3	10	1.98	2.9	9.22	3.72 No	1.98 Thermal Discharging
TWL061	210	'7391671_/7391668'		2.5	6.3	10	1.98	10	8.73	3.72 No	1.98 Thermal Discharging
TWL061	211	'5422173_/5422183'		2.6	6.3	10	1.98	5.3	8.82	3.72 No	1.98 Thermal Discharging
TWL061	212	'435652020_/8649769'		2.5	6.3	10	1.98	10	8.71	3.72 No	1.98 Thermal Discharging
TWL061	213	'435652021_/37903198'		2.5	6.3	10	1.98	10	8.71	3.72 No	1.98 Thermal Discharging
TWL061	214	'435652038_/37903191'		2.5	6.3	10	1.98	4.7	8.71	3.72 No	1.98 Thermal Discharging
TWL061	215	'435652032_/37903226'		2.5	6.3	10	1.98	4.9	8.71	3.72 No	1.98 Thermal Discharging
TWL061	216	'9079849_/9079847'		1.53	4.2	6.67	1.32	1.6	6.04	2.48 No	1.32 Thermal Discharging
TWL061	217	'5429877_/5429887'		2.5	6.3	10	1.98	2.9	9.18	3.72 No	1.98 Thermal Discharging
TWL061	218	'8969375_/8969373'		0.8	2.1	3.33	0.66	0.5	2.94	1.24 No	0.5 Element Fault
TWL061	219	'7398510_/8034575'		2	4.7	10	1.98	4.2	8.74	3.72 No	1.98 Thermal Discharging
TWL061	220	'430388195_/430388235'		1.53	4.2	6.67	1.32	1.6	6	2.48 No	1.32 Thermal Discharging
TWL061	221	'43710875_/43710877'		2.4	6.2	10	1.98	1.2	8.85	3.72 No	1.2 Element Fault
TWL061	222	'430388096_/430388162'		2.5	6.2	10	1.98	1.1	8.65	3.72 No	1.1 Element Fault
TWL061	223	'7712020_/8975771'		0.77	2.07	3.33	0.66	0.5	2.95	1.24 No	0.5 Element Fault
TWL061	224	'5421516_/5421513'		2.3	6.2	10	1.98	1.6	8.86	3.72 No	1.6 Element Fault
TWL061	225	'5421771_/7711879_2'		2.5	6.2	10	1.98	1.1	8.62	3.72 No	1.1 Element Fault
TWL061	226	'7398511_/7398508'		2.5	6.2	10	1.98	4.9	8.57	3.72 No	1.98 Thermal Discharging
TWL061	227	'7392142_/474009009'		2.5	6.2	10	1.98	1.1	8.58	3.72 No	1.1 Element Fault
TWL061	228	'5430023_/5430033'		2.3	6.1	10	1.98	1.2	8.74	3.72 No	1.2 Element Fault
TWL061	229	'8342328_/8968425'		2.5	6.2	10	1.98	1.1	8.56	3.72 No	1.1 Element Fault
TWL061	230	'43710921_/5421568'		0.87	2.03	3.33	0.66	0.3	2.91	1.24 No	0.3 Element Fault
TWL061	231	'8342327_/8342325'		0.77	2.03	3.33	0.66	0.5	2.93	1.24 No	0.5 Element Fault
TWL061	232	'5430195_/5430192'		2.4	6.1	10	1.98	1.1	8.53	3.72 No	1.1 Element Fault
TWL061	233	'5422160_/5422170'		0.77	2.03	3.33	0.66	0.5	2.89	1.24 No	0.5 Element Fault
TWL061	234	'37907146_/9685368'		0.77	2.03	3.33	0.66	0.5	2.9	1.24 No	0.5 Element Fault
TWL061	235	'37907153_/37907150'		2.4	6	10	1.98	4.7	8.44	3.72 No	1.98 Thermal Discharging
TWL061	236	'37907174_/37907178'		2.3	6	10	1.98	1.2	8.62	3.72 No	1.2 Element Fault
TWL061	237	'404419319_/404419316'		0.77	2	3.33	0.66	0.5	2.83	1.24 No	0.5 Element Fault
TWL061	238	'37907160_/37907157'		2.4	5.9	10	1.98	2.9	8.7	3.72 No	1.98 Thermal Discharging
TWL061	239	'57389381_/57389351'		0.73	1.97	3.33	0.66	0.5	2.79	1.24 No	0.5 Element Fault
TWL061	240	'43711020_/43711022'		2	4.7	10	1.98	4.2	8.34	3.72 No	1.98 Thermal Discharging
TWL061	241	'7711754_/7711751'		2	4.7	10	1.98	4.2	8.34	3.72 No	1.98 Thermal Discharging
TWL061	242	'5421558_/5421675'		2	4.7	10	1.98	4.2	8.34	3.72 No	1.98 Thermal Discharging
TWL061	243	'332433218_/332433222'		2	4.7	10	1.98	4.2	8.34	3.72 No	1.98 Thermal Discharging
TWL061	244	'7711881_/7711879_1'		2	4.7	10	1.98	4.2	8.34	3.72 No	1.98 Thermal Discharging
TWL061	245	'8134766_/354881371'		1.47	3.87	6.67	1.32	0.6	5.68	2.48 No	0.6 Element Fault
TWL061	246	'7391691_/7391688'		2	4.7	10	1.98	1.1	8.28	3.72 No	1.1 Element Fault
TWL061	247	'43711066_/43711068'		0.73	1.93	3.33	0.66	0.5	2.79	1.24 No	0.5 Element Fault
TWL061	248	'8649450_/8650473_1'		2.2	5.8	10	1.98	1.6	8.39	3.72 No	1.6 Element Fault
TWL061	249	'43711088_/5430205'		0.73	1.93	3.33	0.66	0.5	2.78	1.24 No	0.5 Element Fault
TWL061	250	'5421545_/5421555'		0.8	1.9	3.33	0.66	0.3	2.77	1.24 No	0.3 Element Fault
TWL061	251	'8340926_/8340923'		2.3	5.7	10	1.98	4.9	8.27	3.72 No	1.98 Thermal Discharging
TWL061	252	'43711110_/43711112'		0.73	1.9	3.33	0.66	0.5	2.73	1.24 No	0.5 Element Fault
TWL061	253	'45367958_/5403616'		0.7	1.87	3.33	0.66	0.5	2.71	1.24 No	0.5 Element Fault
TWL061	254	'8656974_/8656972'		2.3	5.6	10	1.98	1.3	8.06	3.72 No	1.3 Element Fault
TWL061	255	'44773728_/5430007'		2.3	5.6	10	1.98	4.7	7.96	3.72 No	1.98 Thermal Discharging
TWL061	256	'7712096_/57389318'		1.7	4.2	10	1.98	4.9	8.03	3.72 No	1.7 Primary Over-Voltage
TWL061	257	'8955755_/8955773'		0.7	1.87	3.33	0.66	0.37	2.7	1.24 No	0.37 Element Fault
TWL061	258	'478121835_/478121898'		0.7	1.83	3.33	0.66	0.5	2.68	1.24 No	0.5 Element Fault
TWL061	259	'43711093_/43711090'		2	4.7	10	1.98	4.2	7.93	3.72 No	1.98 Thermal Discharging
TWL061	260	'332433254_/332433291'		0.7	1.83	3.33	0.66	0.5	2.64	1.24 No	0.5 Element Fault
TWL061	261	'45367840_/5422144'		0.7	1.83	3.33	0.66	0.5	2.67	1.24 No	0.5 Element Fault
TWL061	262	'37907104_/8955753'		2.1	5.5	10	1.98	1.2	7.96	3.72 No	1.2 Element Fault
TWL061	263	'37907097_/37907101'		2.2	5.4	10	1.98	2.9	8.1	3.72 No	1.98 Thermal Discharging
TWL061	264	'37907132_/37907129'		0.67	1.8	3.33	0.66	0.5	2.62	1.24 No	0.5 Element Fault
TWL061	265	'37907118_/37907122'		0.67	1.77	3.33	0.66	0.5	2.57	1.24 No	0.5 Element Fault
TWL061	266	'37907090_/37907094'		0.73	1.77	3.33	0.66	0.3	2.58	1.24 No	0.3 Element Fault
TWL061	267	'37903726_/430388100'		2	5.2	10	1.98	1.2	7.71	3.72 No	1.2 Element Fault
TWL061	268	'37903719_/37903723'		0.67	1.73	3.33	0.66	0.5	2.53	1.24 No	0.5 Element Fault
TWL061	269	'404195105_/37903716_2'		2	4.7	10	1.98	4.2	7.54	3.72 No	1.98 Thermal Discharging
TWL061	270	'37903138_/37903716_1'		2	4.7	10	1.98	4.2	7.54	3.72 No	1.98 Thermal Discharging
TWL061	271	'404195106_/404195103'		2	4.7	10	1.98	4.2	7.54	3.72 No	1.98 Thermal Discharging
TWL061	272	'43710943_/43710945'		2	4.7	10	1.98	4.2	7.54	3.72 No	1.98 Thermal Discharging
TWL061	273	'410572701_/410572705'		2	4.7	10	1.98	4.2	7.53	3.72 No	1.98 Thermal Discharging
TWL061	274	'478121836_/478121824'		2.1	5.1	10	1.98	4.9	7.42	3.72 No	1.98 Thermal Discharging
TWL061	275	'7705003_/7705001'		2.1	5.1	10	1.98	4.9	7.42	3.72 No	1.98 Thermal Discharging
TWL061	276	'7398371_/478121912'		2.1	5.1	10	1.98	4.9	7.42	3.72 No	1.98 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TWL061	277	'87910593_/7704881'	2.1	5.1	10	1.98	4.9	7.42	3.72 No	1.98	Thermal Discharging
TWL061	278	'332433180_/332433273'	2.1	5.1	10	1.98	4.9	7.42	3.72 No	1.98	Thermal Discharging
TWL061	279	'87910637_/87910679'	0.63	1.7	3.33	0.66	0.5	2.5	1.24 No	0.5	Element Fault
TWL061	280	'7704903_/531356345'	2.1	5	10	1.98	4.9	7.31	3.72 No	1.98	Thermal Discharging
TWL061	281	'8034705_/8975827'	0.73	1.67	3.33	0.66	1.4	2.48	1.24 No	0.66	Thermal Discharging
TWL061	282	'7391731_/87910648'	1.27	3.33	6.67	1.32	0.8	4.89	2.48 No	0.8	Element Fault
TWL061	283	'7712019_/7712017_1'	2	4.9	10	1.98	4.9	7.2	3.72 No	1.98	Thermal Discharging
TWL061	284	'5421544_/5421542'	1.9	4.9	10	1.98	1.2	7.31	3.72 No	1.2	Element Fault
TWL061	285	'9283110_/9283107'	2	4.9	10	1.98	4.9	7.12	3.72 No	1.98	Thermal Discharging
TWL061	286	'7391730_/407130062'	0.7	1.63	3.33	0.66	0.3	2.42	1.24 No	0.3	Element Fault
TWL061	287	'7711960_/7711957'	2	4.9	10	1.98	2.9	7.38	3.72 No	1.98	Thermal Discharging
TWL061	288	'355518175_/9596973'	1.9	4.8	10	1.98	4.7	7.08	3.72 No	1.9	Primary Over-Voltage
TWL061	289	'64621596_/9283027'	2	4.8	10	1.98	4.9	7.03	3.72 No	1.98	Thermal Discharging
TWL061	290	'8024430_/8024428'	0.67	1.57	3.33	0.66	0.3	2.36	1.24 No	0.3	Element Fault
TWL061	291	'7711939_/9589143'	2	4.7	10	1.98	4.9	6.96	3.72 No	1.98	Thermal Discharging
TWL061	292	'481980644_/481980711'	0.6	1.57	3.33	0.66	0.5	2.34	1.24 No	0.5	Element Fault
TWL061	293	'7392163_/9283007'	0.63	1.57	3.33	0.66	1.4	2.35	1.24 No	0.63	Primary Over-Voltage
TWL061	294	'7790754_/466118577'	1.9	4.7	10	1.98	1.3	6.88	3.72 No	1.3	Element Fault
TWL061	295	'481980658_/481980595'	1.9	4.7	10	1.98	1.2	6.86	3.72 No	1.2	Element Fault
TWL061	296	'7392162_/7392160'	1.2	3.07	6.67	1.32	0.73	4.54	2.48 No	0.73	Element Fault
TWL061	297	'37902424_/481980686'	1.8	4.6	10	1.98	1.1	6.79	3.72 No	1.1	Element Fault
TWL061	298	'404194180_/37902428_1'	1.8	4.6	10	1.98	1.2	6.89	3.72 No	1.2	Element Fault
TWL061	299	'404194181_/404194178'	1.8	4.6	10	1.98	4.9	6.86	3.72 No	1.8	Primary Over-Voltage
TWL061	300	'37902431_/37902428_2'	1.7	4.5	10	1.98	1.2	6.82	3.72 No	1.2	Element Fault
TWL061	301	'37902452_/37902456'	1.9	4.5	10	1.98	1.2	6.71	3.72 No	1.2	Element Fault
TWL061	302	'37902438_/37902435'	1.8	4.4	10	1.98	4.2	6.64	3.72 No	1.8	Primary Over-Voltage
TWL061	303	'355518219_/355518238'	1.8	4.4	10	1.98	1.1	6.6	3.72 No	1.1	Element Fault
TWL061	304	'355518417_/355518462'	1.8	4.4	10	1.98	1.1	6.6	3.72 No	1.1	Element Fault
TWL061	305	'8342155_/481980386'	1.8	4.4	10	1.98	1.1	6.6	3.72 No	1.1	Element Fault
TWL061	306	'7790753_/7790751'	1.8	4.4	10	1.98	1.1	6.6	3.72 No	1.1	Element Fault
TWL061	307	'8034598_/8350459'	1.8	4.4	10	1.98	1.1	6.6	3.72 No	1.1	Element Fault
TWL061	308	'8350213_/8350211'	1.8	4.4	10	1.98	1.1	6.6	3.72 No	1.1	Element Fault
TWL061	309	'355518373_/355518436'	1.7	4.4	10	1.98	4.7	6.49	3.72 No	1.7	Primary Over-Voltage
TWL061	310	'8350193_/8975715'	1.8	4.4	10	1.98	1.2	6.48	3.72 No	1.2	Element Fault
TWL061	311	'7706108_/478121391'	1.7	4.3	10	1.98	4.7	6.45	3.72 No	1.7	Primary Over-Voltage
TWL061	312	'7399124_/478121860'	1.7	4.3	10	1.98	1.1	6.47	3.72 No	1.1	Element Fault
TWL061	313	'7391830_/355518377'	1.4	3.4	10	1.98	4.2	6.5	3.72 No	1.4	Primary Over-Voltage
TWL061	314	'7705020_/387528069'	1.7	4.2	10	1.98	4.9	6.39	3.72 No	1.7	Primary Over-Voltage
TWL061	315	'478121295_/478121350'	1.6	4	10	1.98	1.1	6.1	3.72 No	1.1	Element Fault
TWL061	316	'8968867_/52318258'	1.6	4	10	1.98	1.1	6.04	3.72 No	1.1	Element Fault
TWL061	317	'7705019_/7705017'	0.5	1.33	3.33	0.66	0.4	2.04	1.24 No	0.4	Element Fault
TWL061	318	'9289065_/9289063'	1.6	3.9	10	1.98	4.7	5.87	3.72 No	1.6	Primary Over-Voltage
TWL061	319	'8955216_/478121244'	0.53	1.3	3.33	0.66	0.4	1.99	1.24 No	0.4	Element Fault
TWL061	320	'8342176_/478638503'	1.6	3.9	10	1.98	1.2	5.85	3.72 No	1.2	Element Fault
TWL061	321	'7704944_/8649523'	1.1	2.8	10	1.98	1.1	5.76	3.72 No	1.1	Primary Over-Voltage
TWL061	322	'8649394_/9283637'	1.5	3.8	10	1.98	1.1	5.73	3.72 No	1.1	Element Fault
TWL061	323	'7704923_/7704941'	1.4	3.6	10	1.98	4.7	5.5	3.72 No	1.4	Primary Over-Voltage
TWL061	324	'7391771_/7704921'	1.5	3.6	10	1.98	1.2	5.47	3.72 No	1.2	Element Fault
TWL061	325	'7391442_/481980775'	0.47	1.13	3.33	0.66	1.4	1.78	1.24 No	0.47	Primary Over-Voltage
TWL061	326	'7391770_/7391768'	0.43	1.13	3.33	0.66	1.4	1.77	1.24 No	0.43	Primary Over-Voltage
TWL061	327	'8034597_/8034595'	0.43	1.1	3.33	0.66	0.37	1.75	1.24 No	0.37	Element Fault
TWL061	328	'8350214_/8975735'	1.3	3.3	10	1.98	4.7	5.09	3.72 No	1.3	Primary Over-Voltage
TWL061	329	'51833926_/51833963'	0.8	2.07	6.67	1.32	0.73	3.21	2.48 No	0.73	Element Fault
TWL061	330	'8024927_/8968885'	1.2	3.1	10	1.98	1.1	4.78	3.72 No	1.1	Element Fault
TWL061	331	'51833961_/51833874'	1.2	3	10	1.98	4.7	4.71	3.72 No	1.2	Primary Over-Voltage
TWL061	332	'8024926_/8024924'	0.4	0.97	3.33	0.66	0.37	1.55	1.24 No	0.37	Element Fault
TWL061	333	'8024946_/8024944'	1.2	2.9	10	1.98	4.7	4.54	3.72 No	1.2	Primary Over-Voltage
TWL061	334	'8025601_/478121272'	0.8	1.93	6.67	1.32	3.13	3.02	2.48 No	0.8	Primary Over-Voltage
TWL061	335	'7705557_/517626573'	1.1	2.9	10	1.98	1.1	4.5	3.72 No	1.1	Primary Over-Voltage
TWL061	336	'51833897_/51833928'	0.37	0.93	3.33	0.66	0.37	1.51	1.24 No	0.37	Primary Over-Voltage
TWL061	337	'478121283_/478121263'	1.1	2.8	10	1.98	1.1	4.39	3.72 No	1.1	Primary Over-Voltage
TWL061	338	'7392882_/51833899'	1.1	2.7	10	1.98	1.1	4.31	3.72 No	1.1	Primary Over-Voltage
TWL061	339	'7705573_/517626584'	0.3	0.73	3.33	0.66	0.37	1.2	1.24 No	0.3	Primary Over-Voltage
TWL061	340	'7392903_/478638564'	0.27	0.7	3.33	0.66	1.57	1.12	1.24 No	0.27	Primary Over-Voltage
TWL062	0	'TWL062_/9310184'	10	10	10	1.48	10	10	10 No	1.48	Thermal Discharging
TWL062	1	'458903443_/9310184'	10	10	10	1.48	10	10	3.25 No	1.48	Thermal Discharging
TWL062	2	'8053369_/8996205'	10	10	10	1.48	10	10	3.25 No	1.48	Thermal Discharging
TWL062	3	'7478332_/8053367'	10	10	10	1.48	10	10	3.25 No	1.48	Thermal Discharging
TWL062	4	'7478333_/7478330'	10	10	10	1.48	10	10	3.25 No	1.48	Thermal Discharging
TWL062	5	'55710886_/55710888'	10	10	10	1.48	10	10	3.25 No	1.48	Thermal Discharging
TWL062	6	'55710972_/55710914_1'	10	10	10	1.48	10	10	3.25 No	1.48	Thermal Discharging
TWL062	7	'460725387_/55710914_2'	10	10	10	1.48	10	10	3.25 No	1.48	Thermal Discharging
TWL062	8	'55710917_/55710914_3'	10	10	10	1.48	10	10	3.25 No	1.48	Thermal Discharging
TWL062	9	'55711218_/55711000'	10	10	10	1.48	10	10	3.25 No	1.48	Thermal Discharging
TWL062	10	'55711049_/55711026'	10	10	10	1.48	10	10	3.25 No	1.48	Thermal Discharging
TWL062	11	'55711075_/55711052'	10	10	10	1.48	10	10	3.25 No	1.48	Thermal Discharging
TWL062	12	'55711106_/55711078'	10	10	10	1.48	10	10	3.25 No	1.48	Thermal Discharging
TWL062	13	'55711131_/55711108'	10	10	10	1.48	10	10	3.25 No	1.48	Thermal Discharging
TWL062	14	'5821342_/55711134'	10	10	10	1.48	10	10	3.25 No	1.48	Thermal Discharging
TWL062	15	'5828941_/5828938'	10	10	10	1.48	10	10	3.25 No	1.48	Thermal Discharging
TWL062	16	'5821343_/5832672_1'	10	10	10	1.48	1.6	10	3.25 No	1.48	Thermal Discharging
TWL062	17	'5828958_/5828955'	10	10	10	1.48	10	10	3.25 No	1.48	Thermal Discharging
TWL062	18	'43791493_/5828972'	9.9	10	10	1.48	10	10	3.25 No	1.48	Thermal Discharging
TWL062	19	'7731088_/9623319_2'	10	10	10	1.48	4.6	10	3.25 No	1.48	Thermal Discharging
TWL062	20	'5820961_/5829665'	9.4	10	10	1.48	10	10	3.25 No	1.48	Thermal Discharging
TWL062	21	'5821056_/5828640'	8.8	10	10	1.48	10	10	3.25 No	1.48	Thermal Discharging
TWL062	22	'5828660_/5828657'	8.3	10	10	1.48	10	10	3.25 No	1.48	Thermal Discharging
TWL062	23	'5832675_/5832672_2'	9.3	10	10	1.48	1.6	10	3.25 No	1.48	Thermal Discharging
TWL062	24	'9623321_/9623319_1'	9	10	10	1.48	1.7	10	3.25 No	1.48	Thermal Discharging
TWL062	25	'5821089_/5828674_1'	7.7	10	10	1.48	10	10	3.25 No	1.48	Thermal Discharging
TWL062	26	'43791561_/43791563'	2.93	3.33	3.33	0.49	1.5	3.33	1.08 No	0.49	Thermal Discharging
TWL062	27	'43791506_/5820959'	2.93	3.33	3.33	0.49	1.2	3.33	1.08 No	0.49	Thermal Discharging
TWL062	28	'5820799_/5828691'	7.3	10	10	1.48	10	10	3.25 No	1.48	Thermal Discharging
TWL062	29	'676489064_/7416821_3'	2.87	3.33	3.33	0.49	1.5	3.33	1.08 No	0.49	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over- Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TWL062	30	'676488878_/_7416821_2'		2.87	3.33	3.33	0.49	0.5	3.33	1.08 No	0.49 Thermal Discharging
TWL062	31	'424732076_/_424268886_1'		7.3	10	10	1.48	3.4	10	3.25 No	1.48 Thermal Discharging
TWL062	32	'424732099_/_5828708'		7.2	10	10	1.48	10	10	3.25 No	1.48 Thermal Discharging
TWL062	33	'463450191_/_425354864_1'		7.2	10	10	1.48	10	10	3.25 No	1.48 Thermal Discharging
TWL062	34	'5821088_/_5821086_2'		5.13	6.67	6.67	0.99	3.2	6.67	2.17 No	0.99 Thermal Discharging
TWL062	35	'5820948_/_5820946_1'		2.77	3.33	3.33	0.49	0.5	3.33	1.08 No	0.49 Thermal Discharging
TWL062	36	'43791572_/_5821086_1'		5.13	6.67	6.67	0.99	1.1	6.67	2.17 No	0.99 Thermal Discharging
TWL062	37	'5820854_/_424732101'		7.2	10	10	1.48	10	10	3.25 No	1.48 Thermal Discharging
TWL062	38	'432567233_/_5828742'		7.2	10	10	1.48	10	10	3.25 No	1.48 Thermal Discharging
TWL062	39	'432567297_/_432567251_1'		7.2	10	10	1.48	1.5	10	3.25 No	1.48 Thermal Discharging
TWL062	40	'674676994_/_5820868_1'		2.4	3.33	3.33	0.49	0.5	3.33	1.08 No	0.49 Thermal Discharging
TWL062	41	'43791728_/_5832695'		7.4	10	10	1.48	1.6	10	3.25 No	1.48 Thermal Discharging
TWL062	42	'43791742_/_5821357'		7.4	10	10	1.48	1.6	10	3.25 No	1.48 Thermal Discharging
TWL062	43	'456111560_/_444721247_2'		7.1	10	10	1.48	1.6	10	3.25 No	1.48 Thermal Discharging
TWL062	44	'674677005_/_5820868_2'		2.27	3.33	3.33	0.49	0.5	3.33	1.08 No	0.49 Thermal Discharging
TWL062	45	'5821072_/_5821960'		4.47	6.67	6.67	0.99	1.1	6.67	2.17 No	0.99 Thermal Discharging
TWL062	46	'444721198_/_444721247_1'		6.6	10	10	1.48	0.9	10	3.25 No	0.9 Element Fault
TWL062	47	'43791340_/_43791342'		2.13	3.33	3.33	0.49	1.2	3.33	1.08 No	0.49 Thermal Discharging
TWL062	48	'7416823_/_7416821_1'		2.23	3.33	3.33	0.49	0.5	3.33	1.08 No	0.49 Thermal Discharging
TWL062	49	'156841462_/_5821106_1'		2.13	3.33	3.33	0.49	0.3	3.33	1.08 No	0.3 Element Fault
TWL062	50	'5821360_/_444721231'		6.4	10	10	1.48	1.6	10	3.25 No	1.48 Thermal Discharging
TWL062	51	'5820760_/_5820757_2'		2.1	3.33	3.33	0.49	0.5	3.33	1.08 No	0.49 Thermal Discharging
TWL062	52	'43791517_/_5820946_2'		2.13	3.33	3.33	0.49	0.5	3.33	1.08 No	0.49 Thermal Discharging
TWL062	53	'451336339_/_425354864_2'		5.4	10	10	1.48	10	10	3.25 No	1.48 Thermal Discharging
TWL062	54	'5821109_/_5821106_2'		1.97	3.33	3.33	0.49	0.3	3.33	1.08 No	0.3 Element Fault
TWL062	55	'5821377_/_5821374'		5.9	10	10	1.48	1.6	10	3.25 No	1.48 Thermal Discharging
TWL062	56	'5820871_/_5820868_3'		1.93	3.33	3.33	0.49	0.5	3.33	1.08 No	0.49 Thermal Discharging
TWL062	57	'43791585_/_5821069'		3.67	6.67	6.67	0.99	1.1	6.67	2.17 No	0.99 Thermal Discharging
TWL062	58	'432567325_/_432567251_2'		5.3	10	10	1.48	0.9	10	3.25 No	0.9 Element Fault
TWL062	59	'43791318_/_5820757_1'		1.77	3.33	3.33	0.49	0.5	3.33	1.08 No	0.49 Thermal Discharging
TWL062	60	'432567216_/_432567251_3'		5.3	10	10	1.48	0.9	10	3.25 No	0.9 Element Fault
TWL062	61	'5821517_/_5821514'		3.6	6.67	6.67	0.99	1.07	6.67	2.17 No	0.99 Thermal Discharging
TWL062	62	'424268940_/_424268886_2'		5.1	10	10	1.48	3.4	10	3.25 No	1.48 Thermal Discharging
TWL062	63	'5820814_/_432567213'		5.1	10	10	1.48	0.9	10	3.25 No	0.9 Element Fault
TWL062	64	'424269004_/_424268945'		3.27	6.67	6.67	0.99	2.27	6.67	2.17 No	0.99 Thermal Discharging
TWL062	65	'424731364_/_424269063_1'		4.9	10	10	1.48	3.4	10	3.25 No	1.48 Thermal Discharging
TWL062	66	'451336363_/_425354913'		4.3	10	10	1.48	10	10	3.25 No	1.48 Thermal Discharging
TWL062	67	'5820627_/_424269063_2'		4.9	10	10	1.48	3.4	10	3.25 No	1.48 Thermal Discharging
TWL062	68	'5821499_/_5821496'		3.33	6.67	6.67	0.99	1.07	6.67	2.17 No	0.99 Thermal Discharging
TWL062	69	'43791631_/_5821298'		1.57	3.33	3.33	0.49	0.3	3.33	1.08 No	0.3 Element Fault
TWL062	70	'5821176_/_5821255'		3.2	6.67	6.67	0.99	1.1	6.67	2.17 No	0.99 Thermal Discharging
TWL062	71	'5820747_/_5820770'		1.53	3.33	3.33	0.49	0.5	3.33	1.08 No	0.49 Thermal Discharging
TWL062	72	'538604805_/_5821174_1'		1.57	3.33	3.33	0.49	0.3	3.33	1.08 No	0.3 Element Fault
TWL062	73	'5820884_/_5820881'		1.53	3.33	3.33	0.49	0.5	3.33	1.08 No	0.49 Thermal Discharging
TWL062	74	'5821394_/_5821391'		4.3	10	10	1.48	1.6	10	3.25 No	1.48 Thermal Discharging
TWL062	75	'5821177_/_5821174_2'		1.43	3.33	3.33	0.49	0.3	3.33	1.08 No	0.3 Element Fault
TWL062	76	'5820746_/_5820744'		1.37	3.33	3.33	0.49	0.5	3.33	1.08 No	0.49 Thermal Discharging
TWL062	77	'5821795_/_5821822'		2.8	6.67	6.67	0.99	1.1	6.67	2.17 No	0.99 Thermal Discharging
TWL062	78	'425354951_/_425354957'		3.6	10	10	1.48	10	10	3.25 No	1.48 Thermal Discharging
TWL062	79	'373118375_/_373118297_1'		1.4	3.33	3.33	0.49	0.3	3.33	1.08 No	0.3 Element Fault
TWL062	80	'5821122_/_5821119'		1.37	3.33	3.33	0.49	0.3	3.33	1.08 No	0.3 Element Fault
TWL062	81	'424269114_/_424269008'		3.9	10	10	1.48	3.4	10	3.25 No	1.48 Thermal Discharging
TWL062	82	'424269158_/_424269118'		2.6	6.67	6.67	0.99	2.27	6.67	2.17 No	0.99 Thermal Discharging
TWL062	83	'424732186_/_424732017_2'		3.4	10	10	1.48	10	10	3.25 No	1.48 Thermal Discharging
TWL062	84	'424732043_/_424732017_1'		3.4	10	10	1.48	10	10	3.25 No	1.48 Thermal Discharging
TWL062	85	'424731949_/_424732045'		3.4	10	10	1.48	10	10	3.25 No	1.48 Thermal Discharging
TWL062	86	'6281100_/_424731957'		3.4	10	10	1.48	10	10	3.25 No	1.48 Thermal Discharging
TWL062	87	'6281032_/_6281098'		3.3	10	10	1.48	10	10	3.25 No	1.48 Thermal Discharging
TWL062	88	'424731475_/_5820692_1'		1.27	3.33	3.33	0.49	0.5	3.33	1.08 No	0.49 Thermal Discharging
TWL062	89	'43885792_/_6281029'		3.3	10	10	1.48	10	10	3.25 No	1.48 Thermal Discharging
TWL062	90	'5821190_/_5821187'		1.27	3.33	3.33	0.49	0.3	3.33	1.08 No	0.3 Element Fault
TWL062	91	'5821482_/_5821479'		3.8	10	10	1.48	1.6	10	3.25 No	1.48 Thermal Discharging
TWL062	92	'6283190_/_6285670'		3.2	10	10	1.48	10	10	3.25 No	1.48 Thermal Discharging
TWL062	93	'424731443_/_424269101_2'		1.23	3.33	3.33	0.49	1.13	3.33	1.08 No	0.49 Thermal Discharging
TWL062	94	'5821778_/_5821792'		2.47	6.67	6.67	0.99	1.1	6.67	2.17 No	0.99 Thermal Discharging
TWL062	95	'6283191_/_6283188'		3.2	10	10	1.48	10	10	3.25 No	1.48 Thermal Discharging
TWL062	96	'5820975_/_5820972'		1.23	3.33	3.33	0.49	0.5	3.33	1.08 No	0.49 Thermal Discharging
TWL062	97	'6283208_/_6283205'		3.1	10	10	1.48	10	10	3.25 No	1.48 Thermal Discharging
TWL062	98	'43791329_/_43791331'		1.17	3.33	3.33	0.49	0.5	3.33	1.08 No	0.49 Thermal Discharging
TWL062	99	'5821135_/_5821132'		1.2	3.33	3.33	0.49	0.3	3.33	1.08 No	0.3 Element Fault
TWL062	100	'6283225_/_6283222'		3.1	10	10	1.48	10	10	3.25 No	1.48 Thermal Discharging
TWL062	101	'5820897_/_5820894'		1.23	3.33	3.33	0.49	0.5	3.33	1.08 No	0.49 Thermal Discharging
TWL062	102	'424731481_/_5820692_2'		1.17	3.33	3.33	0.49	0.5	3.33	1.08 No	0.49 Thermal Discharging
TWL062	103	'43884371_/_6283239'		3.1	10	10	1.48	10	10	3.25 No	1.48 Thermal Discharging
TWL062	104	'6283259_/_6283256'		3	10	10	1.48	10	10	3.25 No	1.48 Thermal Discharging
TWL062	105	'6283276_/_6283273'		3	10	10	1.48	10	10	3.25 No	1.48 Thermal Discharging
TWL062	106	'424269278_/_424269162'		3.3	10	10	1.48	3.4	10	3.25 No	1.48 Thermal Discharging
TWL062	107	'6283293_/_6283290'		2.9	10	10	1.48	10	10	3.25 No	1.48 Thermal Discharging
TWL062	108	'9310800_/_373118297_2'		1.13	3.33	3.33	0.49	0.3	3.33	1.08 No	0.3 Element Fault
TWL062	109	'5820721_/_5820731'		1.1	3.33	3.33	0.49	0.5	3.33	1.08 No	0.49 Thermal Discharging
TWL062	110	'43791598_/_5821200'		1.1	3.33	3.33	0.49	0.3	3.33	1.08 No	0.3 Element Fault
TWL062	111	'5821711_/_5821775'		2.27	6.67	6.67	0.99	1.1	6.67	2.17 No	0.99 Thermal Discharging
TWL062	112	'43884384_/_6283307'		2.9	10	10	1.48	10	10	3.25 No	1.48 Thermal Discharging
TWL062	113	'424269322_/_424269282'		2.2	6.67	6.67	0.99	2.27	6.67	2.17 No	0.99 Thermal Discharging
TWL062	114	'6283327_/_6283324'		2.8	10	10	1.48	10	10	3.25 No	1.48 Thermal Discharging
TWL062	115	'5821410_/_43791781'		3.2	10	10	1.48	1.6	10	3.25 No	1.48 Thermal Discharging
TWL062	116	'5820988_/_5820985'		1.1	3.33	3.33	0.49	0.5	3.33	1.08 No	0.49 Thermal Discharging
TWL062	117	'6283344_/_6283341'		2.8	10	10	1.48	10	10	3.25 No	1.48 Thermal Discharging
TWL062	118	'43791414_/_5820692_3'		1.03	3.33	3.33	0.49	0.5	3.33	1.08 No	0.49 Thermal Discharging
TWL062	119	'43791620_/_5821285'		1.03	3.33	3.33	0.49	0.3	3.33	1.08 No	0.3 Element Fault
TWL062	120	'43884397_/_6283358'		2.7	10	10	1.48	10	10	3.25 No	1.48 Thermal Discharging
TWL062	121	'6283378_/_6283375'		2.7	10	10	1.48	10	10	3.25 No	1.48 Thermal Discharging
TWL062	122	'5820720_/_5820718'		1	3.33	3.33	0.49	0.5	3.33	1.08 No	0.49 Thermal Discharging
TWL062	123	'43884410_/_6283392'		2.6	10	10	1.48	10	10	3.25 No	1.48 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Over-Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TWL062	124	'5821727_/_5821724'		2	6.67	6.67	0.99	1.1	6.67	2.17 No	0.99 Thermal Discharging
TWL062	125	'5821215_/_43791600'		1	3.33	3.33	0.49	0.3	3.33	1.08 No	0.3 Element Fault
TWL062	126	'6283412_/_6283409'		2.6	10	10	1.48	10	10	3.25 No	1.48 Thermal Discharging
TWL062	127	'424731542_/_424269214_1'		0.97	3.33	3.33	0.49	1.13	3.33	1.08 No	0.49 Thermal Discharging
TWL062	128	'5821411_/_5821408'		2.9	10	10	1.48	1.6	10	3.25 No	1.48 Thermal Discharging
TWL062	129	'7416839_/_473406338_2'		1	3.33	3.33	0.49	0.55	3.33	1.08 No	0.49 Thermal Discharging
TWL062	130	'43884589_/_6283426'		2.5	10	10	1.48	10	10	3.25 No	1.48 Thermal Discharging
TWL062	131	'43791528_/_5820907'		1	3.33	3.33	0.49	0.5	3.33	1.08 No	0.49 Thermal Discharging
TWL062	132	'43791539_/_5821001'		1	3.33	3.33	0.49	0.5	3.33	1.08 No	0.49 Thermal Discharging
TWL062	133	'5820397_/_424269214_2'		0.97	3.33	3.33	0.49	1.13	3.33	1.08 No	0.49 Thermal Discharging
TWL062	134	'424731582_/_5820540_1'		0.97	3.33	3.33	0.49	0.5	3.33	1.08 No	0.49 Thermal Discharging
TWL062	135	'6283449_/_6283446'		2.5	10	10	1.48	10	10	3.25 No	1.48 Thermal Discharging
TWL062	136	'5820626_/_5820624'		0.93	3.33	3.33	0.49	0.5	3.33	1.08 No	0.49 Thermal Discharging
TWL062	137	'424269441_/_424269401'		1.87	6.67	6.67	0.99	2.27	6.67	2.17 No	0.99 Thermal Discharging
TWL062	138	'424269397_/_424269326'		2.8	10	10	1.48	3.4	10	3.25 No	1.48 Thermal Discharging
TWL062	139	'154934577_/_5821708'		0.97	3.33	3.33	0.49	0.55	3.33	1.08 No	0.49 Thermal Discharging
TWL062	140	'6283466_/_6283463'		2.5	10	10	1.48	10	10	3.25 No	1.48 Thermal Discharging
TWL062	141	'5821148_/_5821145'		0.93	3.33	3.33	0.49	0.3	3.33	1.08 No	0.3 Element Fault
TWL062	142	'43884602_/_6283480'		2.4	9.9	10	1.48	10	10	3.25 No	1.48 Thermal Discharging
TWL062	143	'424731575_/_5820540_2'		0.93	3.3	3.33	0.49	0.5	3.33	1.08 No	0.49 Thermal Discharging
TWL062	144	'5821448_/_5821445'		2.8	9.9	10	1.48	1.6	10	3.25 No	1.48 Thermal Discharging
TWL062	145	'473648105_/_424269265_1'		0.93	3.27	3.33	0.49	1.13	3.33	1.08 No	0.49 Thermal Discharging
TWL062	146	'43791653_/_5821741'		1.87	6.53	6.67	0.99	1.1	6.67	2.17 No	0.99 Thermal Discharging
TWL062	147	'6283500_/_6283497'		2.4	9.7	10	1.48	10	10	3.25 No	1.48 Thermal Discharging
TWL062	148	'5821431_/_5821428'		2.8	9.7	10	1.48	1.6	10	3.25 No	1.48 Thermal Discharging
TWL062	149	'6283517_/_6283514'		2.4	9.7	10	1.48	10	10	3.25 No	1.48 Thermal Discharging
TWL062	150	'43884615_/_6283531'		2.4	9.6	10	1.48	10	10	3.25 No	1.48 Thermal Discharging
TWL062	151	'5821216_/_5821213'		0.9	3.2	3.33	0.49	0.3	3.33	1.08 No	0.3 Element Fault
TWL062	152	'6283551_/_6283548'		2.3	9.4	10	1.48	10	10	3.25 No	1.48 Thermal Discharging
TWL062	153	'43791449_/_5820540_3'		0.87	3.13	3.33	0.49	0.5	3.33	1.08 No	0.49 Thermal Discharging
TWL062	154	'43791921_/_154934858'		0.9	3.1	3.33	0.49	0.55	3.33	1.08 No	0.49 Thermal Discharging
TWL062	155	'473406314_/_473406338_1'		0.97	3.1	3.33	0.49	0.3	3.33	1.08 No	0.3 Element Fault
TWL062	156	'6283568_/_6283565'		2.3	9.3	10	1.48	10	10	3.25 No	1.48 Thermal Discharging
TWL062	157	'424731641_/_424269373_2'		0.97	3.07	3.33	0.49	1.13	3.33	1.08 No	0.49 Thermal Discharging
TWL062	158	'43884628_/_6283582'		2.3	9.2	10	1.48	10	10	3.25 No	1.48 Thermal Discharging
TWL062	159	'8679843_/_9623387'		0.93	3.07	3.33	0.49	0.3	3.33	1.08 No	0.3 Element Fault
TWL062	160	'5821030_/_43791541'		0.9	3.07	3.33	0.49	0.5	3.33	1.08 No	0.49 Thermal Discharging
TWL062	161	'5820640_/_5820637'		0.87	3.07	3.33	0.49	0.5	3.33	1.08 No	0.49 Thermal Discharging
TWL062	162	'5820448_/_424269373_1'		0.97	3.07	3.33	0.49	1.13	3.33	1.08 No	0.49 Thermal Discharging
TWL062	163	'5821161_/_5821158'		0.87	3.03	3.33	0.49	0.3	3.33	1.08 No	0.3 Element Fault
TWL062	164	'6283602_/_6283599'		2.2	9.1	10	1.48	10	10	3.25 No	1.48 Thermal Discharging
TWL062	165	'5821760_/_43791655'		1.73	6.07	6.67	0.99	1.1	6.67	2.17 No	0.99 Thermal Discharging
TWL062	166	'5820396_/_5820394'		0.83	3	3.33	0.49	0.5	3.33	1.08 No	0.49 Thermal Discharging
TWL062	167	'424731667_/_5820446_1'		0.97	3	3.33	0.49	0.5	3.33	1.08 No	0.49 Thermal Discharging
TWL062	168	'5820922_/_43791530'		0.87	3	3.33	0.49	0.5	3.33	1.08 No	0.49 Thermal Discharging
TWL062	169	'43884641_/_6283616'		2.2	9	10	1.48	10	10	3.25 No	1.48 Thermal Discharging
TWL062	170	'424730985_/_424269445'		2.5	9	10	1.48	3.4	10	3.25 No	1.48 Thermal Discharging
TWL062	171	'6283636_/_6283633'		2.2	8.9	10	1.48	10	10	3.25 No	1.48 Thermal Discharging
TWL062	172	'424731615_/_424269384_1'		0.93	2.97	3.33	0.49	1.13	3.33	1.08 No	0.49 Thermal Discharging
TWL062	173	'5821232_/_5821229'		0.83	2.93	3.33	0.49	0.3	3.33	1.08 No	0.3 Element Fault
TWL062	174	'6277282_/_6283650'		2.2	8.8	10	1.48	10	10	3.25 No	1.48 Thermal Discharging
TWL062	175	'6283670_/_6283667'		2.1	8.7	10	1.48	10	10	3.25 No	1.48 Thermal Discharging
TWL062	176	'424731029_/_424730989'		1.67	6	6.67	0.99	2.27	6.67	2.17 No	0.99 Thermal Discharging
TWL062	177	'6283687_/_6283684'		2.1	8.6	10	1.48	10	10	3.25 No	1.48 Thermal Discharging
TWL062	178	'43791666_/_5821758'		1.67	5.73	6.67	0.99	1.1	6.67	2.17 No	0.99 Thermal Discharging
TWL062	179	'6277283_/_6277295_1'		1.47	5.73	6.67	0.99	1.1	6.67	2.17 No	0.99 Thermal Discharging
TWL062	180	'425355032_/_424731033'		2.4	8.6	10	1.48	3.4	10	3.25 No	1.48 Thermal Discharging
TWL062	181	'43884698_/_6283704'		2.1	8.5	10	1.48	10	10	3.25 No	1.48 Thermal Discharging
TWL062	182	'5820410_/_5820407'		0.8	2.8	3.33	0.49	0.5	3.33	1.08 No	0.49 Thermal Discharging
TWL062	183	'6283724_/_6283721'		2.1	8.4	10	1.48	10	10	3.25 No	1.48 Thermal Discharging
TWL062	184	'6283741_/_6283738'		2	8.3	10	1.48	10	10	3.25 No	1.48 Thermal Discharging
TWL062	185	'43791550_/_5821040'		0.8	2.77	3.33	0.49	0.5	3.33	1.08 No	0.49 Thermal Discharging
TWL062	186	'5820449_/_5820446_2'		0.87	2.77	3.33	0.49	0.5	3.33	1.08 No	0.49 Thermal Discharging
TWL062	187	'6283758_/_6283755'		2	8.3	10	1.48	10	10	3.25 No	1.48 Thermal Discharging
TWL062	188	'43791471_/_5820582'		0.77	2.73	3.33	0.49	0.5	3.33	1.08 No	0.49 Thermal Discharging
TWL062	189	'6283775_/_6283772'		2	8.2	10	1.48	10	9.9	3.25 No	1.48 Thermal Discharging
TWL062	190	'8701465_/_8701462'		0.67	2.7	3.33	0.49	0.5	3.3	1.08 No	0.49 Thermal Discharging
TWL062	191	'5821245_/_5821242'		0.77	2.7	3.33	0.49	0.3	3.33	1.08 No	0.3 Element Fault
TWL062	192	'7416872_/_8679840'		0.83	2.7	3.33	0.49	0.3	3.33	1.08 No	0.3 Element Fault
TWL062	193	'43884711_/_6283789'		2	8	10	1.48	10	9.78	3.25 No	1.48 Thermal Discharging
TWL062	194	'43791307_/_43791309'		0.73	2.67	3.33	0.49	0.5	3.33	1.08 No	0.49 Thermal Discharging
TWL062	195	'5820923_/_5820920'		0.77	2.67	3.33	0.49	0.5	3.33	1.08 No	0.49 Thermal Discharging
TWL062	196	'5821841_/_43791668'		1.53	5.33	6.67	0.99	1.1	6.67	2.17 No	0.99 Thermal Discharging
TWL062	197	'6283809_/_6283806'		2	8	10	1.48	10	9.69	3.25 No	1.48 Thermal Discharging
TWL062	198	'6277298_/_6277295_2'		1.47	5.27	6.67	0.99	1.1	6.54	2.17 No	0.99 Thermal Discharging
TWL062	199	'6283826_/_6283823'		1.9	7.9	10	1.48	10	9.59	3.25 No	1.48 Thermal Discharging
TWL062	200	'6283843_/_6283840'		1.9	7.8	10	1.48	10	9.49	3.25 No	1.48 Thermal Discharging
TWL062	201	'45078180_/_5821014'		0.73	2.57	3.33	0.49	0.5	3.33	1.08 No	0.49 Thermal Discharging
TWL062	202	'5821842_/_5821839'		0.73	2.57	3.33	0.49	0.55	3.33	1.08 No	0.49 Thermal Discharging
TWL062	203	'43891096_/_7108076'		1.9	7.7	10	1.48	10	9.38	3.25 No	1.48 Thermal Discharging
TWL062	204	'424731719_/_424269490_2'		0.8	2.53	3.33	0.49	1.13	3.33	1.08 No	0.49 Thermal Discharging
TWL062	205	'5820423_/_5820420'		0.7	2.53	3.33	0.49	0.5	3.33	1.08 No	0.49 Thermal Discharging
TWL062	206	'6281384_/_424269490_1'		0.8	2.53	3.33	0.49	1.13	3.33	1.08 No	0.49 Thermal Discharging
TWL062	207	'6320784_/_6320781'		1.9	7.6	10	1.48	10	9.29	3.25 No	1.48 Thermal Discharging
TWL062	208	'43791403_/_5820705'		0.7	2.53	3.33	0.49	0.5	3.33	1.08 No	0.49 Thermal Discharging
TWL062	209	'7416871_/_7416869'		0.77	2.5	3.33	0.49	0.3	3.33	1.08 No	0.3 Element Fault
TWL062	210	'6320801_/_6320798'		1.8	7.5	10	1.48	10	9.2	3.25 No	1.48 Thermal Discharging
TWL062	211	'424731672_/_6281382_1'		0.8	2.5	3.33	0.49	0.5	3.29	1.08 No	0.49 Thermal Discharging
TWL062	212	'6320818_/_6320815'		1.8	7.4	10	1.48	10	9.15	3.25 No	1.48 Thermal Discharging
TWL062	213	'424731693_/_424730972_1'		0.8	2.47	3.33	0.49	1.13	3.28	1.08 No	0.49 Thermal Discharging
TWL062	214	'43791460_/_5820527'		0.8	2.47	3.33	0.49	0.5	3.27	1.08 No	0.49 Thermal Discharging
TWL062	215	'43791679_/_5821868'		1.4	4.93	6.67	0.99	1.1	6.67	2.17 No	0.99 Thermal Discharging
TWL062	216	'6321364_/_6323339'		1.8	7.4	10	1.48	10	9.12	3.25 No	1.48 Thermal Discharging
TWL062	217	'5820569_/_5820595'		0.7	2.47	3.33	0.49	0.5	3.26	1.08 No	0.49 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
											VSR (MW)	Limiting Threshold
TWL062	218	'6320903_/_6320917'		1.8	7.4	10	1.48	10	9.1	3.25 No	1.48	Thermal Discharging
TWL062	219	'6320886_/_6320900'		1.8	7.3	10	1.48	10	9.05	3.25 No	1.48	Thermal Discharging
TWL062	220	'43891302_/_6321362'		1.8	7.3	10	1.48	10	9.05	3.25 No	1.48	Thermal Discharging
TWL062	221	'6320869_/_6320883'		1.8	7.3	10	1.48	10	8.98	3.25 No	1.48	Thermal Discharging
TWL062	222	'424731821_/_424731071_1'		0.73	2.43	3.33	0.49	1.13	3.23	1.08 No	0.49	Thermal Discharging
TWL062	223	'319900814_/_283225521_1'		1.8	7.3	10	1.48	10	8.98	3.25 No	1.48	Thermal Discharging
TWL062	224	'6321382_/_43891304'		1.8	7.3	10	1.48	10	8.97	3.25 No	1.48	Thermal Discharging
TWL062	225	'6281241_/_424731071_2'		0.73	2.4	3.33	0.49	1.13	3.22	1.08 No	0.49	Thermal Discharging
TWL062	226	'6321399_/_6321396'		1.8	7.2	10	1.48	10	8.9	3.25 No	1.48	Thermal Discharging
TWL062	227	'424731847_/_6281239_1'		0.73	2.4	3.33	0.49	0.5	3.21	1.08 No	0.49	Thermal Discharging
TWL062	228	'5820555_/_5820566'		0.67	2.4	3.33	0.49	0.5	3.18	1.08 No	0.49	Thermal Discharging
TWL062	229	'6320852_/_6320866'		1.8	7.2	10	1.48	10	8.88	3.25 No	1.48	Thermal Discharging
TWL062	230	'43891315_/_6321413'		1.8	7.1	10	1.48	10	8.84	3.25 No	1.48	Thermal Discharging
TWL062	231	'6307482_/_6320849'		1.8	7.1	10	1.48	10	8.81	3.25 No	1.48	Thermal Discharging
TWL062	232	'424731801_/_424731082_1'		0.73	2.37	3.33	0.49	1.13	3.18	1.08 No	0.49	Thermal Discharging
TWL062	233	'5821888_/_43791681'		1.33	4.73	6.67	0.99	1.1	6.44	2.17 No	0.99	Thermal Discharging
TWL062	234	'6308142_/_43891317'		1.8	7.1	10	1.48	10	8.75	3.25 No	1.48	Thermal Discharging
TWL062	235	'424731854_/_6281239_2'		0.7	2.33	3.33	0.49	0.5	3.16	1.08 No	0.49	Thermal Discharging
TWL062	236	'6320764_/_6320832'		1.8	7	10	1.48	10	8.72	3.25 No	1.48	Thermal Discharging
TWL062	237	'6307469_/_6307466_2'		0.6	2.33	3.33	0.49	1.1	2.91	1.08 No	0.49	Thermal Discharging
TWL062	238	'6321331_/_6321345'		1.8	7	10	1.48	10	8.69	3.25 No	1.48	Thermal Discharging
TWL062	239	'419038083_/_5820433'		0.67	2.33	3.33	0.49	0.5	3.12	1.08 No	0.49	Thermal Discharging
TWL062	240	'657990054_/_657989967_1'		0.67	2.33	3.33	0.49	0.3	3.19	1.08 No	0.3	Element Fault
TWL062	241	'6308143_/_6308140'		0.6	2.33	3.33	0.49	3.33	2.88	1.08 No	0.49	Thermal Discharging
TWL062	242	'6321314_/_6321328'		1.8	7	10	1.48	10	8.65	3.25 No	1.48	Thermal Discharging
TWL062	243	'6308156_/_6308153_1'		0.6	2.3	3.33	0.49	0.5	2.87	1.08 No	0.49	Thermal Discharging
TWL062	244	'6307424_/_6320761'		1.8	6.9	10	1.48	10	8.63	3.25 No	1.48	Thermal Discharging
TWL062	245	'6281385_/_6281382_2'		0.73	2.3	3.33	0.49	0.5	3.12	1.08 No	0.49	Thermal Discharging
TWL062	246	'424732583_/_424732362_1'		0.63	2.3	3.33	0.49	0.3	3.1	1.08 No	0.3	Element Fault
TWL062	247	'43891328_/_6308153_2'		0.6	2.3	3.33	0.49	0.5	2.86	1.08 No	0.49	Thermal Discharging
TWL062	248	'6277117_/_6280748'		1.47	4.6	6.67	0.99	1.1	5.99	2.17 No	0.99	Thermal Discharging
TWL062	249	'6308078_/_6321311'		1.8	6.9	10	1.48	10	8.59	3.25 No	1.48	Thermal Discharging
TWL062	250	'264872304_/_336873364_1'		1.8	6.9	10	1.48	1.5	8.6	3.25 No	1.48	Thermal Discharging
TWL062	251	'424731158_/_425354999'		1.9	6.9	10	1.48	3.4	9.68	3.25 No	1.48	Thermal Discharging
TWL062	252	'414523466_/_419038085'		0.63	2.3	3.33	0.49	0.5	3.09	1.08 No	0.49	Thermal Discharging
TWL062	253	'43791642_/_5821855'		0.67	2.3	3.33	0.49	0.55	3.16	1.08 No	0.49	Thermal Discharging
TWL062	254	'5820462_/_5820459'		0.73	2.3	3.33	0.49	0.5	3.08	1.08 No	0.49	Thermal Discharging
TWL062	255	'45375346_/_5820611'		0.63	2.27	3.33	0.49	0.5	3.11	1.08 No	0.49	Thermal Discharging
TWL062	256	'6321280_/_6321294'		1.8	6.8	10	1.48	10	8.5	3.25 No	1.48	Thermal Discharging
TWL062	257	'6308062_/_6308059_1'		0.6	2.27	3.33	0.49	0.5	2.84	1.08 No	0.49	Thermal Discharging
TWL062	258	'424731202_/_424731162'		1.27	4.53	6.67	0.99	2.27	6.41	2.17 No	0.99	Thermal Discharging
TWL062	259	'6307456_/_6307466_1'		0.6	2.27	3.33	0.49	0.5	2.85	1.08 No	0.49	Thermal Discharging
TWL062	260	'8679827_/_9623371'		0.7	2.27	3.33	0.49	0.3	3.15	1.08 No	0.3	Element Fault
TWL062	261	'8701480_/_8701478'		0.67	2.27	3.33	0.49	0.5	2.92	1.08 No	0.49	Thermal Discharging
TWL062	262	'6307942_/_6321277'		1.8	6.8	10	1.48	10	8.44	3.25 No	1.48	Thermal Discharging
TWL062	263	'283225511_/_283225521_2'		1.7	6.8	10	1.48	10	8.52	3.25 No	1.48	Thermal Discharging
TWL062	264	'334272158_/_319900730_1'		1.7	6.8	10	1.48	10	8.5	3.25 No	1.48	Thermal Discharging
TWL062	265	'334272058_/_319900730_2'		1.7	6.8	10	1.48	10	8.5	3.25 No	1.48	Thermal Discharging
TWL062	266	'310812573_/_334272112'		1.7	6.8	10	1.48	10	8.49	3.25 No	1.48	Thermal Discharging
TWL062	267	'310812382_/_304069301'		1.6	6.7	10	1.48	10	8.47	3.25 No	1.48	Thermal Discharging
TWL062	268	'43791482_/_5820553'		0.63	2.23	3.33	0.49	0.5	3.02	1.08 No	0.49	Thermal Discharging
TWL062	269	'6308049_/_6308059_2'		0.6	2.23	3.33	0.49	0.5	2.81	1.08 No	0.49	Thermal Discharging
TWL062	270	'5820556_/_43791484'		0.63	2.23	3.33	0.49	0.5	3.01	1.08 No	0.49	Thermal Discharging
TWL062	271	'343603704_/_6307939_3'		0.6	2.27	3.33	0.49	1.1	2.8	1.08 No	0.49	Thermal Discharging
TWL062	272	'6321246_/_6321260'		1.7	6.7	10	1.48	10	8.35	3.25 No	1.48	Thermal Discharging
TWL062	273	'310812400_/_310812397'		1.6	6.7	10	1.48	10	8.42	3.25 No	1.48	Thermal Discharging
TWL062	274	'43885849_/_6281239_3'		0.67	2.23	3.33	0.49	0.5	3.03	1.08 No	0.49	Thermal Discharging
TWL062	275	'336873344_/_336873364_2'		1.7	6.6	10	1.48	1.5	8.39	3.25 No	1.48	Thermal Discharging
TWL062	276	'43891280_/_6308059_3'		0.6	2.2	3.33	0.49	0.5	2.79	1.08 No	0.49	Thermal Discharging
TWL062	277	'310812418_/_310812415'		1.6	6.6	10	1.48	10	8.35	3.25 No	1.48	Thermal Discharging
TWL062	278	'6277316_/_6277313'		1.47	4.4	6.67	0.99	1.1	5.81	2.17 No	0.99	Thermal Discharging
TWL062	279	'5820653_/_5820650'		0.6	2.2	3.33	0.49	0.5	3.04	1.08 No	0.49	Thermal Discharging
TWL062	280	'343603711_/_6307939_2'		0.6	2.2	3.33	0.49	0.5	2.77	1.08 No	0.49	Thermal Discharging
TWL062	281	'6321245_/_6321243'		1.7	6.6	10	1.48	10	8.26	3.25 No	1.48	Thermal Discharging
TWL062	282	'310812436_/_310812433'		1.6	6.6	10	1.48	10	8.32	3.25 No	1.48	Thermal Discharging
TWL062	283	'310812454_/_310812451'		1.6	6.6	10	1.48	10	8.29	3.25 No	1.48	Thermal Discharging
TWL062	284	'43891062_/_43891064'		0.6	2.2	3.33	0.49	1.1	2.77	1.08 No	0.49	Thermal Discharging
TWL062	285	'310812472_/_310812469'		1.6	6.5	10	1.48	10	8.24	3.25 No	1.48	Thermal Discharging
TWL062	286	'6307916_/_6307939_1'		0.6	2.17	3.33	0.49	0.5	2.74	1.08 No	0.49	Thermal Discharging
TWL062	287	'310812489_/_310812487'		1.6	6.5	10	1.48	10	8.21	3.25 No	1.48	Thermal Discharging
TWL062	288	'6277118_/_6277115'		0.73	2.17	3.33	0.49	0.55	2.87	1.08 No	0.49	Thermal Discharging
TWL062	289	'5860744_/_7102818'		1.7	6.5	10	1.48	10	8.15	3.25 No	1.48	Thermal Discharging
TWL062	290	'6307411_/_6307408_2'		0.6	2.17	3.33	0.49	1.1	2.75	1.08 No	0.49	Thermal Discharging
TWL062	291	'310812508_/_310812505'		1.6	6.5	10	1.48	10	8.17	3.25 No	1.48	Thermal Discharging
TWL062	292	'5821944_/_5821942'		1.27	4.33	6.67	0.99	1.1	6.01	2.17 No	0.99	Thermal Discharging
TWL062	293	'6280737_/_6280735'		0.73	2.17	3.33	0.49	0.55	2.85	1.08 No	0.49	Thermal Discharging
TWL062	294	'6281372_/_6281369'		0.67	2.17	3.33	0.49	0.5	2.96	1.08 No	0.49	Thermal Discharging
TWL062	295	'6308185_/_6308182'		0.6	2.13	3.33	0.49	0.5	2.73	1.08 No	0.49	Thermal Discharging
TWL062	296	'310812526_/_310812523'		1.6	6.4	10	1.48	10	8.12	3.25 No	1.48	Thermal Discharging
TWL062	297	'8679859_/_9623403'		0.63	2.13	3.33	0.49	0.55	2.99	1.08 No	0.49	Thermal Discharging
TWL062	298	'7731139_/_8054331_2'		1.27	4.27	6.67	0.99	1.1	5.99	2.17 No	0.99	Thermal Discharging
TWL062	299	'424732293_/_5820472'		0.67	2.13	3.33	0.49	0.5	2.94	1.08 No	0.49	Thermal Discharging
TWL062	300	'311191948_/_311191931'		1.6	6.4	10	1.48	10	8.08	3.25 No	1.48	Thermal Discharging
TWL062	301	'424732557_/_424732362_2'		0.6	2.13	3.33	0.49	0.2	2.93	1.08 No	0.2	Element Fault
TWL062	302	'5860727_/_491553202'		1.7	6.4	10	1.48	10	8.05	3.25 No	1.48	Thermal Discharging
TWL062	303	'347904274_/_347904319'		1.7	6.4	10	1.48	1.5	8.18	3.25 No	1.48	Thermal Discharging
TWL062	304	'6321452_/_6329402_2'		1.6	6.4	10	1.48	10	8.06	3.25 No	1.48	Thermal Discharging
TWL062	305	'7416888_/_8679824'		0.67	2.13	3.33	0.49	0.3	3	1.08 No	0.3	Element Fault
TWL062	306	'426031371_/_424732313_3'		0.67	2.13	3.33	0.49	0.5	2.92	1.08 No	0.49	Thermal Discharging
TWL062	307	'424732346_/_424732362_3'		0.6	2.13	3.33	0.49	0.2	2.91	1.08 No	0.2	Element Fault
TWL062	308	'43891549_/_6321450'		1.6	6.4	10	1.48	10	8.02	3.25 No	1.48	Thermal Discharging
TWL062	309	'43796222_/_491553177'		1.7	6.3	10	1.48	10	7.99	3.25 No	1.48	Thermal Discharging
TWL062	310	'43885871_/_6281421'		0.67	2.1	3.33	0.49	0.5	2.91	1.08 No	0.49	Thermal Discharging
TWL062	311	'43891258_/_6310578'		0.6	2.1	3.33	0.49	0.5	2.69			

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TWL062	312	'509263700_/_509263549_2'	1.6	6.3	10	1.48	5.4	7.97	3.25 No	1.48	Thermal Discharging
TWL062	313	'6316614_/_43891551'	1.5	6.3	10	1.48	10	7.98	3.25 No	1.48	Thermal Discharging
TWL062	314	'8054333_/_8054331_1'	1.2	4.2	6.67	0.99	0.6	5.88	2.17 No	0.6	Element Fault
TWL062	315	'6316615_/_6316612'	1.5	6.3	10	1.48	10	7.95	3.25 No	1.48	Thermal Discharging
TWL062	316	'5860690_/_491553150'	1.6	6.3	10	1.48	10	7.92	3.25 No	1.48	Thermal Discharging
TWL062	317	'43891562_/_6316629'	1.5	6.2	10	1.48	10	7.9	3.25 No	1.48	Thermal Discharging
TWL062	318	'6281482_/_6281479'	0.63	2.07	3.33	0.49	0.5	2.88	1.08 No	0.49	Thermal Discharging
TWL062	319	'5860689_/_491553129'	1.6	6.2	10	1.48	10	7.88	3.25 No	1.48	Thermal Discharging
TWL062	320	'6321487_/_6321484'	1.5	6.2	10	1.48	10	7.88	3.25 No	1.48	Thermal Discharging
TWL062	321	'6308023_/_6308033'	0.6	2.07	3.33	0.49	0.5	2.67	1.08 No	0.49	Thermal Discharging
TWL062	322	'5821858_/_43791644'	0.6	2.07	3.33	0.49	0.55	2.92	1.08 No	0.49	Thermal Discharging
TWL062	323	'43788687_/_43788689'	0.57	2.07	3.33	0.49	0.2	2.86	1.08 No	0.2	Element Fault
TWL062	324	'6307440_/_6307453'	0.6	2.07	3.33	0.49	0.5	2.68	1.08 No	0.49	Thermal Discharging
TWL062	325	'509263533_/_509263549_1'	1.6	6.2	10	1.48	1.5	7.87	3.25 No	1.48	Thermal Discharging
TWL062	326	'6277331_/_6277328'	1.47	4.13	6.67	0.99	1.1	5.54	2.17 No	0.99	Thermal Discharging
TWL062	327	'336873282_/_347904293'	1.6	6.2	10	1.48	1.5	8	3.25 No	1.48	Thermal Discharging
TWL062	328	'43885882_/_43885884'	0.63	2.07	3.33	0.49	0.5	2.86	1.08 No	0.49	Thermal Discharging
TWL062	329	'283088675_/_6321501'	1.5	6.2	10	1.48	10	7.82	3.25 No	1.48	Thermal Discharging
TWL062	330	'7416855_/_657989967_2'	0.63	2.07	3.33	0.49	0.3	2.9	1.08 No	0.3	Element Fault
TWL062	331	'8111252_/_8111250'	1.6	6.1	10	1.48	1.5	7.97	3.25 No	1.48	Thermal Discharging
TWL062	332	'6308198_/_6308195'	0.6	2.03	3.33	0.49	0.5	2.64	1.08 No	0.49	Thermal Discharging
TWL062	333	'6281254_/_43885851'	0.63	2.03	3.33	0.49	0.5	2.84	1.08 No	0.49	Thermal Discharging
TWL062	334	'519242448_/_519242464'	1.6	6.1	10	1.48	1.5	7.81	3.25 No	1.48	Thermal Discharging
TWL062	335	'43891575_/_283088679'	1.5	6.1	10	1.48	10	7.77	3.25 No	1.48	Thermal Discharging
TWL062	336	'8679858_/_8679856'	0.6	2.03	3.33	0.49	0.5	2.88	1.08 No	0.49	Thermal Discharging
TWL062	337	'6307903_/_6307913'	0.6	2.03	3.33	0.49	0.5	2.62	1.08 No	0.49	Thermal Discharging
TWL062	338	'6308090_/_6310591'	0.6	2.03	3.33	0.49	0.5	2.63	1.08 No	0.49	Thermal Discharging
TWL062	339	'6321538_/_6321535'	1.5	6.1	10	1.48	10	7.72	3.25 No	1.48	Thermal Discharging
TWL062	340	'6307398_/_6307408_1'	0.6	2.03	3.33	0.49	0.5	2.62	1.08 No	0.49	Thermal Discharging
TWL062	341	'6321555_/_6321552'	1.5	6	10	1.48	10	7.68	3.25 No	1.48	Thermal Discharging
TWL062	342	'6307968_/_6307965'	0.6	2	3.33	0.49	0.5	2.6	1.08 No	0.49	Thermal Discharging
TWL062	343	'6315917_/_6321569'	1.5	6	10	1.48	10	7.62	3.25 No	1.48	Thermal Discharging
TWL062	344	'6289824_/_6289822'	0.7	2	3.33	0.49	0.55	2.7	1.08 No	0.49	Thermal Discharging
TWL062	345	'7416887_/_7416885'	0.6	2	3.33	0.49	0.3	2.85	1.08 No	0.3	Element Fault
TWL062	346	'43891588_/_6315915'	1.5	6	10	1.48	10	7.57	3.25 No	1.48	Thermal Discharging
TWL062	347	'6281398_/_6281395'	0.63	1.97	3.33	0.49	0.5	2.76	1.08 No	0.49	Thermal Discharging
TWL062	348	'7416856_/_657989943'	0.6	1.97	3.33	0.49	0.3	2.81	1.08 No	0.3	Element Fault
TWL062	349	'6315935_/_43891590'	1.4	5.9	10	1.48	10	7.51	3.25 No	1.4	Primary Over-Voltage
TWL062	350	'6315955_/_6315952'	1.4	5.9	10	1.48	10	7.48	3.25 No	1.4	Primary Over-Voltage
TWL062	351	'6281495_/_6281492'	0.6	1.97	3.33	0.49	0.5	2.75	1.08 No	0.49	Thermal Discharging
TWL062	352	'424732516_/_424732313_2'	0.63	1.97	3.33	0.49	0.3	2.74	1.08 No	0.3	Element Fault
TWL062	353	'6308010_/_6308020'	0.6	1.97	3.33	0.49	0.5	2.56	1.08 No	0.49	Thermal Discharging
TWL062	354	'6277131_/_6277128'	0.7	1.93	3.33	0.49	0.55	2.65	1.08 No	0.49	Thermal Discharging
TWL062	355	'6315972_/_6315969'	1.4	5.8	10	1.48	10	7.44	3.25 No	1.4	Primary Over-Voltage
TWL062	356	'5810894_/_424732313_1'	0.63	1.93	3.33	0.49	0.2	2.73	1.08 No	0.2	Element Fault
TWL062	357	'43891601_/_6315986'	1.4	5.8	10	1.48	10	7.38	3.25 No	1.4	Primary Over-Voltage
TWL062	358	'43891073_/_6307437'	0.6	1.93	3.33	0.49	0.5	2.55	1.08 No	0.49	Thermal Discharging
TWL062	359	'6281255_/_6281252'	0.6	1.93	3.33	0.49	0.5	2.71	1.08 No	0.49	Thermal Discharging
TWL062	360	'43891236_/_6307900'	0.6	1.93	3.33	0.49	0.5	2.52	1.08 No	0.49	Thermal Discharging
TWL062	361	'6316009_/_6316006'	1.4	5.8	10	1.48	10	7.34	3.25 No	1.4	Primary Over-Voltage
TWL062	362	'43891051_/_6307395'	0.6	1.9	3.33	0.49	0.5	2.52	1.08 No	0.49	Thermal Discharging
TWL062	363	'6277199_/_6277343'	1.33	3.8	6.67	0.99	1.1	5.24	2.17 No	0.99	Thermal Discharging
TWL062	364	'5810746_/_5810879'	0.53	1.9	3.33	0.49	0.2	2.69	1.08 No	0.2	Element Fault
TWL062	365	'43891291_/_6308088'	0.6	1.9	3.33	0.49	0.5	2.52	1.08 No	0.49	Thermal Discharging
TWL062	366	'6307981_/_6307978'	0.6	1.9	3.33	0.49	0.5	2.51	1.08 No	0.49	Thermal Discharging
TWL062	367	'6322244_/_6322241'	1.4	5.7	10	1.48	10	7.3	3.25 No	1.4	Primary Over-Voltage
TWL062	368	'6281456_/_6281466'	0.57	1.9	3.33	0.49	0.5	2.68	1.08 No	0.49	Thermal Discharging
TWL062	369	'43891339_/_6308208'	0.6	1.9	3.33	0.49	0.5	2.5	1.08 No	0.49	Thermal Discharging
TWL062	370	'6322261_/_6322258'	1.4	5.7	10	1.48	10	7.24	3.25 No	1.4	Primary Over-Voltage
TWL062	371	'6322278_/_6322275'	1.4	5.7	10	1.48	10	7.23	3.25 No	1.4	Primary Over-Voltage
TWL062	372	'154079675_/_154078492_3'	1.4	5.7	10	1.48	10	7.23	3.25 No	1.4	Primary Over-Voltage
TWL062	373	'6280725_/_6289835_2'	0.67	1.87	3.33	0.49	0.55	2.58	1.08 No	0.49	Thermal Discharging
TWL062	374	'43892070_/_6322292'	1.4	5.6	10	1.48	10	7.18	3.25 No	1.4	Primary Over-Voltage
TWL062	375	'43884522_/_6289835_1'	0.67	1.87	3.33	0.49	0.55	2.56	1.08 No	0.49	Thermal Discharging
TWL062	376	'6322312_/_6322309'	1.4	5.6	10	1.48	10	7.15	3.25 No	1.4	Primary Over-Voltage
TWL062	377	'6281199_/_6281408'	0.6	1.87	3.33	0.49	0.5	2.63	1.08 No	0.49	Thermal Discharging
TWL062	378	'419037842_/_6281265'	0.57	1.87	3.33	0.49	0.5	2.63	1.08 No	0.49	Thermal Discharging
TWL062	379	'6322329_/_6322326'	1.4	5.5	10	1.48	10	7.11	3.25 No	1.4	Primary Over-Voltage
TWL062	380	'43891269_/_6308007'	0.6	1.83	3.33	0.49	0.5	2.45	1.08 No	0.49	Thermal Discharging
TWL062	381	'419037946_/_6281210'	0.6	1.83	3.33	0.49	0.5	2.62	1.08 No	0.49	Thermal Discharging
TWL062	382	'426031549_/_424732231_3'	0.57	1.83	3.33	0.49	0.5	2.62	1.08 No	0.49	Thermal Discharging
TWL062	383	'43788665_/_431842394'	0.6	1.83	3.33	0.49	0.2	2.61	1.08 No	0.2	Element Fault
TWL062	384	'6307874_/_6307887'	0.6	1.83	3.33	0.49	0.5	2.44	1.08 No	0.49	Thermal Discharging
TWL062	385	'43892083_/_6322343'	1.4	5.5	10	1.48	10	7.06	3.25 No	1.4	Primary Over-Voltage
TWL062	386	'6277183_/_6277196'	0.67	1.83	3.33	0.49	0.55	2.53	1.08 No	0.49	Thermal Discharging
TWL062	387	'43884665_/_6277484'	0.63	1.83	3.33	0.49	0.55	2.53	1.08 No	0.49	Thermal Discharging
TWL062	388	'43885893_/_6281505'	0.57	1.83	3.33	0.49	0.5	2.6	1.08 No	0.49	Thermal Discharging
TWL062	389	'424732014_/_424731206_1'	1.5	5.5	10	1.48	1.5	8.05	3.25 No	1.48	Thermal Discharging
TWL062	390	'8419515_/_8680374'	1.4	5.5	10	1.48	1.5	7.36	3.25 No	1.4	Primary Over-Voltage
TWL062	391	'426031443_/_424732262_3'	0.6	1.83	3.33	0.49	0.5	2.59	1.08 No	0.49	Thermal Discharging
TWL062	392	'6277211_/_6280928'	1.27	3.67	6.67	0.99	1.1	5.05	2.17 No	0.99	Thermal Discharging
TWL062	393	'6281440_/_6281453'	0.57	1.83	3.33	0.49	0.5	2.59	1.08 No	0.49	Thermal Discharging
TWL062	394	'424731888_/_424731244_1'	0.53	1.8	3.33	0.49	1.13	2.58	1.08 No	0.49	Thermal Discharging
TWL062	395	'424731145_/_424731244_2'	0.53	1.8	3.33	0.49	1.13	2.58	1.08 No	0.49	Thermal Discharging
TWL062	396	'424731940_/_424731142_2'	0.53	1.8	3.33	0.49	1.13	2.58	1.08 No	0.49	Thermal Discharging
TWL062	397	'6308104_/_43891293'	0.6	1.8	3.33	0.49	0.5	2.4	1.08 No	0.49	Thermal Discharging
TWL062	398	'6281268_/_427949626'	0.53	1.8	3.33	0.49	0.5	2.55	1.08 No	0.49	Thermal Discharging
TWL062	399	'424731914_/_424731255_2'	0.53	1.8	3.33	0.49	1.13	2.57	1.08 No	0.49	Thermal Discharging
TWL062	400	'43788654_/_5810743'	0.5	1.77	3.33	0.49	0.2	2.54	1.08 No	0.2	Element Fault
TWL062	401	'6277474_/_7108050'	0.6	1.77	3.33	0.49	0.5	2.4	1.08 No	0.49	Thermal Discharging
TWL062	402	'424731130_/_424731142_1'	0.53	1.77	3.33	0.49	0.5	2.55	1.08 No	0.49	Thermal Discharging
TWL062	403	'43891247_/_43891249'	0.6	1.77	3.33	0.49	0.5	2.37	1.08 No	0.49	Thermal Discharging
TWL062	404	'6280712_/_6280722'	0.63	1.77	3.33	0.49	0.55	2.46	1.08 No	0.49	Thermal Discharging
TWL062	405	'6277170_/_6277180'	0.63	1.77	3.33	0.49	0.55	2.46	1.08 No	0.49	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TWL062	406	'6308224_/6308221'		0.6	1.77	3.33	0.49	0.5	2.37	1.08 No	0.49 Thermal Discharging
TWL062	407	'428085865_/424732262_2'		0.57	1.77	3.33	0.49	0.3	2.51	1.08 No	0.3 Element Fault
TWL062	408	'6281332_/424731128'		0.53	1.73	3.33	0.49	0.5	2.52	1.08 No	0.49 Thermal Discharging
TWL062	409	'6277435_/7108037'		0.6	1.73	3.33	0.49	0.5	2.35	1.08 No	0.49 Thermal Discharging
TWL062	410	'6277367_/6277364'		0.63	1.73	3.33	0.49	0.55	2.44	1.08 No	0.49 Thermal Discharging
TWL062	411	'419037981_/424732262_1'		0.57	1.73	3.33	0.49	0.2	2.49	1.08 No	0.2 Element Fault
TWL062	412	'8076294_/9021545'		0.63	1.73	3.33	0.49	0.55	2.43	1.08 No	0.49 Thermal Discharging
TWL062	413	'43891268_/6307994'		0.6	1.73	3.33	0.49	0.5	2.34	1.08 No	0.49 Thermal Discharging
TWL062	414	'6277157_/6277167'		0.63	1.73	3.33	0.49	0.55	2.42	1.08 No	0.49 Thermal Discharging
TWL062	415	'6277500_/6277497'		0.6	1.73	3.33	0.49	0.55	2.42	1.08 No	0.49 Thermal Discharging
TWL062	416	'154159479_/154078492_2'		1.3	5.2	10	1.48	10	6.79	3.25 No	1.3 Primary Over-Voltage
TWL062	417	'6322583_/154078492_1'		1.3	5.2	10	1.48	10	6.78	3.25 No	1.3 Primary Over-Voltage
TWL062	418	'6322584_/6322581'		1.3	5.2	10	1.48	10	6.76	3.25 No	1.3 Primary Over-Voltage
TWL062	419	'6332040_/6332038'		1.3	5.2	10	1.48	10	6.76	3.25 No	1.3 Primary Over-Voltage
TWL062	420	'6281048_/419037983'		0.57	1.7	3.33	0.49	0.2	2.47	1.08 No	0.2 Element Fault
TWL062	421	'7445147_/8079457_1'		1.3	5.1	10	1.48	10	6.75	3.25 No	1.3 Primary Over-Voltage
TWL062	422	'6281508_/43885895'		0.53	1.7	3.33	0.49	0.5	2.47	1.08 No	0.49 Thermal Discharging
TWL062	423	'5810758_/5810756'		0.53	1.7	3.33	0.49	0.2	2.46	1.08 No	0.2 Element Fault
TWL062	424	'43886070_/6277209'		0.63	1.7	3.33	0.49	0.55	2.4	1.08 No	0.49 Thermal Discharging
TWL062	425	'6322601_/6322598'		1.2	5.1	10	1.48	10	6.72	3.25 No	1.2 Primary Over-Voltage
TWL062	426	'43891350_/6308237'		0.6	1.7	3.33	0.49	0.5	2.31	1.08 No	0.49 Thermal Discharging
TWL062	427	'43892249_/6322615'		1.2	5.1	10	1.48	10	6.7	3.25 No	1.2 Primary Over-Voltage
TWL062	428	'6308117_/6308114'		0.6	1.7	3.33	0.49	0.5	2.31	1.08 No	0.49 Thermal Discharging
TWL062	429	'6281160_/6281330'		0.5	1.7	3.33	0.49	0.5	2.46	1.08 No	0.49 Thermal Discharging
TWL062	430	'43892263_/43892251'		1.2	5.1	10	1.48	10	6.66	3.25 No	1.2 Primary Over-Voltage
TWL062	431	'6277380_/6277377'		0.63	1.7	3.33	0.49	0.55	2.38	1.08 No	0.49 Thermal Discharging
TWL062	432	'43884511_/43884513'		0.6	1.7	3.33	0.49	0.55	2.37	1.08 No	0.49 Thermal Discharging
TWL062	433	'153923129_/146932102'		1.2	5.1	10	1.48	10	6.64	3.25 No	1.2 Primary Over-Voltage
TWL062	434	'146932093_/153923133'		1.2	5	10	1.48	10	6.63	3.25 No	1.2 Primary Over-Voltage
TWL062	435	'154079792_/153923149_1'		1.2	5.1	10	1.48	1.5	6.63	3.25 No	1.2 Primary Over-Voltage
TWL062	436	'154123929_/154079750_3'		1.2	5	10	1.48	10	6.62	3.25 No	1.2 Primary Over-Voltage
TWL062	437	'7758353_/8079457_2'		1.3	5	10	1.48	10	6.63	3.25 No	1.3 Primary Over-Voltage
TWL062	438	'6280699_/6280696_2'		0.6	1.67	3.33	0.49	0.55	2.35	1.08 No	0.49 Thermal Discharging
TWL062	439	'6330935_/8079457_3'		1.3	5	10	1.48	10	6.62	3.25 No	1.3 Primary Over-Voltage
TWL062	440	'7731108_/657989928'		0.5	1.67	3.33	0.49	0.3	2.45	1.08 No	0.3 Element Fault
TWL062	441	'428182130_/424732231_2'		0.5	1.67	3.33	0.49	0.3	2.42	1.08 No	0.3 Element Fault
TWL062	442	'6277461_/6277471'		0.6	1.67	3.33	0.49	0.5	2.29	1.08 No	0.49 Thermal Discharging
TWL062	443	'154123972_/154079750_2'		1.2	5	10	1.48	10	6.58	3.25 No	1.2 Primary Over-Voltage
TWL062	444	'6316365_/154079750_1'		1.2	5	10	1.48	10	6.58	3.25 No	1.2 Primary Over-Voltage
TWL062	445	'6281439_/6281437'		0.5	1.67	3.33	0.49	0.5	2.41	1.08 No	0.49 Thermal Discharging
TWL062	446	'43896014_/6330933'		1.3	5	10	1.48	10	6.57	3.25 No	1.3 Primary Over-Voltage
TWL062	447	'419037913_/424732231_1'		0.5	1.67	3.33	0.49	0.2	2.41	1.08 No	0.2 Element Fault
TWL062	448	'43892276_/6316379'		1.2	5	10	1.48	10	6.54	3.25 No	1.2 Primary Over-Voltage
TWL062	449	'6277513_/6277510'		0.6	1.67	3.33	0.49	0.55	2.33	1.08 No	0.49 Thermal Discharging
TWL062	450	'6331058_/43896016'		1.3	4.9	10	1.48	10	6.53	3.25 No	1.3 Primary Over-Voltage
TWL062	451	'7517225_/7517236_1'		1.2	4.7	10	1.48	1.5	6.52	3.25 No	1.2 Primary Over-Voltage
TWL062	452	'43884533_/6277154'		0.6	1.63	3.33	0.49	0.55	2.33	1.08 No	0.49 Thermal Discharging
TWL062	453	'6322686_/43892278'		1.2	4.9	10	1.48	10	6.5	3.25 No	1.2 Primary Over-Voltage
TWL062	454	'6281161_/6281158'		0.5	1.63	3.33	0.49	0.5	2.39	1.08 No	0.49 Thermal Discharging
TWL062	455	'6281049_/6281046'		0.53	1.63	3.33	0.49	0.2	2.38	1.08 No	0.2 Element Fault
TWL062	456	'6331038_/6331056'		1.3	4.9	10	1.48	10	6.5	3.25 No	1.3 Primary Over-Voltage
TWL062	457	'6308253_/43891352'		0.6	1.63	3.33	0.49	0.5	2.24	1.08 No	0.49 Thermal Discharging
TWL062	458	'6322703_/6322700'		1.2	4.9	10	1.48	10	6.47	3.25 No	1.2 Primary Over-Voltage
TWL062	459	'7828233_/8148449_2'		1.3	4.9	10	1.48	5.7	6.48	3.25 No	1.3 Primary Over-Voltage
TWL062	460	'6308130_/6308127'		0.6	1.63	3.33	0.49	0.5	2.24	1.08 No	0.49 Thermal Discharging
TWL062	461	'5798700_/5822392'		0.53	1.63	3.33	0.49	0.2	2.37	1.08 No	0.2 Element Fault
TWL062	462	'6330895_/6331036'		1.3	4.9	10	1.48	10	6.46	3.25 No	1.3 Primary Over-Voltage
TWL062	463	'43892289_/6322717'		1.2	4.9	10	1.48	10	6.44	3.25 No	1.2 Primary Over-Voltage
TWL062	464	'43884654_/43884656'		0.6	1.63	3.33	0.49	0.5	2.23	1.08 No	0.49 Thermal Discharging
TWL062	465	'6330896_/6330893'		1.3	4.9	10	1.48	10	6.42	3.25 No	1.3 Primary Over-Voltage
TWL062	466	'6322737_/43892291'		1.2	4.8	10	1.48	10	6.41	3.25 No	1.2 Primary Over-Voltage
TWL062	467	'5798671_/5822379'		0.47	1.6	3.33	0.49	0.2	2.35	1.08 No	0.2 Element Fault
TWL062	468	'6281074_/43885807'		0.5	1.6	3.33	0.49	0.2	2.35	1.08 No	0.2 Element Fault
TWL062	469	'6330876_/6330913'		1.3	4.8	10	1.48	10	6.4	3.25 No	1.3 Primary Over-Voltage
TWL062	470	'6277212_/43886072'		0.6	1.6	3.33	0.49	0.55	2.29	1.08 No	0.49 Thermal Discharging
TWL062	471	'6322754_/6322751'		1.2	4.8	10	1.48	10	6.38	3.25 No	1.2 Primary Over-Voltage
TWL062	472	'7731123_/647983050'		0.5	1.6	3.33	0.49	0.3	2.37	1.08 No	0.3 Element Fault
TWL062	473	'6280686_/6280696_1'		0.57	1.6	3.33	0.49	0.3	2.28	1.08 No	0.3 Element Fault
TWL062	474	'6330853_/6330873'		1.2	4.8	10	1.48	10	6.37	3.25 No	1.2 Primary Over-Voltage
TWL062	475	'6328029_/6328026'		1.2	4.8	10	1.48	10	6.34	3.25 No	1.2 Primary Over-Voltage
TWL062	476	'7731124_/9623355_1'		0.5	1.6	3.33	0.49	0.3	2.36	1.08 No	0.3 Element Fault
TWL062	477	'450905349_/450905351'		1.2	4.8	10	1.48	10	6.34	3.25 No	1.2 Primary Over-Voltage
TWL062	478	'6330833_/6330850'		1.2	4.8	10	1.48	10	6.33	3.25 No	1.2 Primary Over-Voltage
TWL062	479	'450905469_/450905390_2'		1.2	4.8	10	1.48	5.4	6.33	3.25 No	1.2 Primary Over-Voltage
TWL062	480	'43895592_/6328462'		1.2	4.8	10	1.48	10	6.29	3.25 No	1.2 Primary Over-Voltage
TWL062	481	'6308269_/6308266'		0.57	1.6	3.33	0.49	0.5	2.18	1.08 No	0.49 Thermal Discharging
TWL062	482	'43891819_/43891821'		1.2	4.7	10	1.48	10	6.29	3.25 No	1.2 Primary Over-Voltage
TWL062	483	'6277393_/6277390'		0.57	1.57	3.33	0.49	0.55	2.26	1.08 No	0.49 Thermal Discharging
TWL062	484	'7102549_/7102547'		0.47	1.57	3.33	0.49	0.5	2.31	1.08 No	0.47 Primary Over-Voltage
TWL062	485	'6328485_/6328482'		1.1	4.7	10	1.48	10	6.26	3.25 No	1.1 Primary Over-Voltage
TWL062	486	'6321725_/6321739'		1.2	4.7	10	1.48	10	6.27	3.25 No	1.2 Primary Over-Voltage
TWL062	487	'6277448_/6277458'		0.6	1.57	3.33	0.49	0.5	2.18	1.08 No	0.49 Thermal Discharging
TWL062	488	'6321708_/6321722'		1.2	4.7	10	1.48	10	6.25	3.25 No	1.2 Primary Over-Voltage
TWL062	489	'6328065_/6328901'		1.1	4.7	10	1.48	10	6.23	3.25 No	1.1 Primary Over-Voltage
TWL062	490	'8419514_/8419512'		1.2	4.7	10	1.48	1.5	6.58	3.25 No	1.2 Primary Over-Voltage
TWL062	491	'6281174_/6281171'		0.47	1.57	3.33	0.49	0.5	2.3	1.08 No	0.47 Primary Over-Voltage
TWL062	492	'8079406_/8079403_1'		1.1	4.7	10	1.48	3.5	6.21	3.25 No	1.1 Primary Over-Voltage
TWL062	493	'6321691_/6321705'		1.2	4.7	10	1.48	10	6.21	3.25 No	1.2 Primary Over-Voltage
TWL062	494	'6328066_/6328063'		1.1	4.7	10	1.48	10	6.19	3.25 No	1.1 Primary Over-Voltage
TWL062	495	'6277529_/6277526'		0.57	1.57	3.33	0.49	0.55	2.23	1.08 No	0.49 Thermal Discharging
TWL062	496	'43885770_/6281059'		0.5	1.57	3.33	0.49	0.2	2.28	1.08 No	0.2 Element Fault
TWL062	497	'8079426_/8148449_1'		1.2	4.7	10	1.48	1.9	6.25	3.25 No	1.2 Primary Over-Voltage
TWL062	498	'43895605_/6329132'		1.1	4.7	10	1.48	10	6.17	3.25 No	1.1 Primary Over-Voltage
TWL062	499	'43891806_/6321688'		1.2	4.6	10	1.48	10	6.18	3.25 No	1.2 Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TWL062	500	'9025198_/_153923149_2'	1.2	4.6	10	1.48	1.5	6.25	3.25 No	1.2	Primary Over-Voltage
TWL062	501	'6328501_/_6328499_1'	0.73	3.07	6.67	0.99	1.6	4.1	2.17 No	0.73	Primary Over-Voltage
TWL062	502	'5798701_/_5798698'	0.5	1.53	3.33	0.49	0.2	2.26	1.08 No	0.2	Element Fault
TWL062	503	'7445126_/_8079403_2'	1.1	4.6	10	1.48	3.5	6.15	3.25 No	1.1	Primary Over-Voltage
TWL062	504	'6277143_/_6277141'	0.57	1.53	3.33	0.49	0.55	2.21	1.08 No	0.49	Thermal Discharging
TWL062	505	'6321657_/_6321671'	1.2	4.6	10	1.48	10	6.13	3.25 No	1.2	Primary Over-Voltage
TWL062	506	'5798672_/_5798669'	0.43	1.53	3.33	0.49	0.2	2.25	1.08 No	0.2	Element Fault
TWL062	507	'6281075_/_6281072'	0.47	1.53	3.33	0.49	0.2	2.26	1.08 No	0.2	Element Fault
TWL062	508	'6321640_/_6321654'	1.2	4.6	10	1.48	10	6.1	3.25 No	1.2	Primary Over-Voltage
TWL062	509	'8076293_/_8076291'	0.57	1.53	3.33	0.49	0.3	2.19	1.08 No	0.3	Element Fault
TWL062	510	'43891793_/_43891795'	1.2	4.6	10	1.48	10	6.06	3.25 No	1.2	Primary Over-Voltage
TWL062	511	'43884500_/_6280683'	0.53	1.5	3.33	0.49	0.3	2.18	1.08 No	0.3	Element Fault
TWL062	512	'6277409_/_6277419'	0.57	1.5	3.33	0.49	0.5	2.12	1.08 No	0.49	Thermal Discharging
TWL062	513	'7444935_/_9025139_1'	0.4	1.5	3.33	0.49	0.5	2.02	1.08 No	0.4	Primary Over-Voltage
TWL062	514	'6321606_/_6321620'	1.2	4.5	10	1.48	10	6.04	3.25 No	1.2	Primary Over-Voltage
TWL062	515	'6280780_/_6280778'	0.57	1.5	3.33	0.49	0.55	2.17	1.08 No	0.49	Thermal Discharging
TWL062	516	'43895618_/_6328499_2'	0.73	3	6.67	0.99	1.6	4.02	2.17 No	0.73	Primary Over-Voltage
TWL062	517	'6321589_/_6321603'	1.2	4.5	10	1.48	10	6.01	3.25 No	1.2	Primary Over-Voltage
TWL062	518	'5798685_/_5798682'	0.43	1.5	3.33	0.49	0.2	2.21	1.08 No	0.2	Element Fault
TWL062	519	'43891780_/_6321586'	1.2	4.5	10	1.48	10	5.98	3.25 No	1.2	Primary Over-Voltage
TWL062	520	'6281187_/_6281184'	0.47	1.5	3.33	0.49	0.5	2.21	1.08 No	0.47	Primary Over-Voltage
TWL062	521	'6277447_/_6277445'	0.57	1.5	3.33	0.49	0.5	2.1	1.08 No	0.49	Thermal Discharging
TWL062	522	'5798714_/_5798711'	0.47	1.5	3.33	0.49	0.2	2.19	1.08 No	0.2	Element Fault
TWL062	523	'450905369_/_450905390_1'	1.2	4.4	10	1.48	1.5	6.01	3.25 No	1.2	Primary Over-Voltage
TWL062	524	'6281006_/_43885772'	0.47	1.47	3.33	0.49	0.2	2.19	1.08 No	0.2	Element Fault
TWL062	525	'9025142_/_9025139_2'	0.4	1.47	3.33	0.49	0.5	1.98	1.08 No	0.4	Primary Over-Voltage
TWL062	526	'6328329_/_43895620'	0.73	2.93	6.67	0.99	1.6	3.94	2.17 No	0.73	Primary Over-Voltage
TWL062	527	'43884676_/_6277539'	0.5	1.47	3.33	0.49	0.55	2.11	1.08 No	0.49	Thermal Discharging
TWL062	528	'6277408_/_6277406'	0.53	1.43	3.33	0.49	0.5	2.05	1.08 No	0.49	Thermal Discharging
TWL062	529	'7445127_/_402255461'	1.1	4.3	10	1.48	3.5	5.87	3.25 No	1.1	Primary Over-Voltage
TWL062	530	'6281005_/_6281003'	0.47	1.43	3.33	0.49	0.2	2.13	1.08 No	0.2	Element Fault
TWL062	531	'6281019_/_6281085'	0.43	1.43	3.33	0.49	0.2	2.14	1.08 No	0.2	Element Fault
TWL062	532	'6280602_/_6281807'	0.47	1.43	3.33	0.49	0.2	2.12	1.08 No	0.2	Element Fault
TWL062	533	'6280660_/_6280670'	0.5	1.43	3.33	0.49	0.3	2.07	1.08 No	0.3	Element Fault
TWL062	534	'43785227_/_5798727'	0.47	1.43	3.33	0.49	0.2	2.11	1.08 No	0.2	Element Fault
TWL062	535	'43885827_/_6281304'	0.43	1.43	3.33	0.49	0.5	2.12	1.08 No	0.43	Primary Over-Voltage
TWL062	536	'6328330_/_6328327'	0.67	2.8	6.67	0.99	1.6	3.84	2.17 No	0.67	Primary Over-Voltage
TWL062	537	'43895630_/_6328345'	0.67	2.8	6.67	0.99	1.6	3.77	2.17 No	0.67	Primary Over-Voltage
TWL062	538	'6277555_/_6277552'	0.5	1.37	3.33	0.49	0.55	2.02	1.08 No	0.49	Thermal Discharging
TWL062	539	'6276712_/_6280599'	0.43	1.37	3.33	0.49	0.2	2.06	1.08 No	0.2	Element Fault
TWL062	540	'8079042_/_8079039'	1	4.1	10	1.48	3.5	5.67	3.25 No	1	Primary Over-Voltage
TWL062	541	'5798730_/_43785229'	0.43	1.37	3.33	0.49	0.2	2.03	1.08 No	0.2	Element Fault
TWL062	542	'37965246_/_9337720'	1	4.1	10	1.48	3.5	5.6	3.25 No	1	Primary Over-Voltage
TWL062	543	'37965239_/_37965243'	1	4.1	10	1.48	3.5	5.6	3.25 No	1	Primary Over-Voltage
TWL062	544	'37965260_/_37965264'	0.67	2.73	6.67	0.99	2.33	3.73	2.17 No	0.67	Primary Over-Voltage
TWL062	545	'405088816_/_405088813'	1	4.1	10	1.48	3.5	5.6	3.25 No	1	Primary Over-Voltage
TWL062	546	'37965232_/_37965236'	1	4.1	10	1.48	3.5	5.6	3.25 No	1	Primary Over-Voltage
TWL062	547	'6281018_/_6281016'	0.43	1.37	3.33	0.49	0.2	2.04	1.08 No	0.2	Element Fault
TWL062	548	'43884489_/_6280657'	0.5	1.33	3.33	0.49	0.3	1.98	1.08 No	0.3	Element Fault
TWL062	549	'43885838_/_6281317'	0.4	1.33	3.33	0.49	0.5	2.02	1.08 No	0.4	Primary Over-Voltage
TWL062	550	'8390816_/_8390814'	0.5	1.33	3.33	0.49	0.3	1.97	1.08 No	0.3	Element Fault
TWL062	551	'6276713_/_6276710'	0.43	1.33	3.33	0.49	0.2	2	1.08 No	0.2	Element Fault
TWL062	552	'6327894_/_6327891'	0.67	2.67	6.67	0.99	1.6	3.66	2.17 No	0.67	Primary Over-Voltage
TWL062	553	'8079093_/_8079091'	1	3.9	10	1.48	3.5	5.47	3.25 No	1	Primary Over-Voltage
TWL062	554	'6277568_/_6277565'	0.47	1.3	3.33	0.49	0.55	1.93	1.08 No	0.47	Primary Over-Voltage
TWL062	555	'7758102_/_7758167'	0.67	2.6	6.67	0.99	0.8	3.64	2.17 No	0.67	Primary Over-Voltage
TWL062	556	'6312364_/_7758099'	0.67	2.6	6.67	0.99	0.8	3.63	2.17 No	0.67	Primary Over-Voltage
TWL062	557	'6327907_/_6327904'	0.33	1.3	3.33	0.49	0.8	1.79	1.08 No	0.33	Primary Over-Voltage
TWL062	558	'6328795_/_6328792'	0.6	2.6	6.67	0.99	1.6	3.58	2.17 No	0.6	Primary Over-Voltage
TWL062	559	'6276726_/_6276723'	0.43	1.3	3.33	0.49	0.2	1.94	1.08 No	0.2	Element Fault
TWL062	560	'6288367_/_6288377'	0.47	1.27	3.33	0.49	0.3	1.89	1.08 No	0.3	Element Fault
TWL062	561	'43894943_/_6325443'	0.33	1.27	3.33	0.49	0.4	1.77	1.08 No	0.33	Primary Over-Voltage
TWL062	562	'6276799_/_6281833'	0.4	1.27	3.33	0.49	0.2	1.93	1.08 No	0.2	Element Fault
TWL062	563	'6328810_/_6328807'	0.6	2.53	6.67	0.99	1.6	3.52	2.17 No	0.6	Primary Over-Voltage
TWL062	564	'8704634_/_9025235'	0.9	3.8	10	1.48	3.5	5.29	3.25 No	0.9	Primary Over-Voltage
TWL062	565	'8393448_/_8704632'	0.9	3.8	10	1.48	3.5	5.28	3.25 No	0.9	Primary Over-Voltage
TWL062	566	'43884687_/_6277578'	0.43	1.27	3.33	0.49	0.55	1.86	1.08 No	0.43	Primary Over-Voltage
TWL062	567	'43884349_/_6276736'	0.4	1.23	3.33	0.49	0.2	1.89	1.08 No	0.2	Element Fault
TWL062	568	'43895580_/_6328822'	0.6	2.47	6.67	0.99	1.6	3.47	2.17 No	0.6	Primary Over-Voltage
TWL062	569	'43895642_/_6327917'	0.33	1.23	3.33	0.49	0.8	1.74	1.08 No	0.33	Primary Over-Voltage
TWL062	570	'7758187_/_9025271'	0.3	1.23	3.33	0.49	1.17	1.74	1.08 No	0.3	Primary Over-Voltage
TWL062	571	'6288354_/_6288364'	0.43	1.23	3.33	0.49	0.3	1.84	1.08 No	0.3	Element Fault
TWL062	572	'43893165_/_6312361'	0.6	2.47	6.67	0.99	0.8	3.47	2.17 No	0.6	Primary Over-Voltage
TWL062	573	'7444991_/_7444988_2'	0.3	1.23	3.33	0.49	0.4	1.73	1.08 No	0.3	Primary Over-Voltage
TWL062	574	'7442249_/_8076407_1'	0.43	1.23	3.33	0.49	0.3	1.82	1.08 No	0.3	Element Fault
TWL062	575	'40206444_/_7758185_1'	0.3	1.23	3.33	0.49	1.17	1.73	1.08 No	0.3	Primary Over-Voltage
TWL062	576	'6312502_/_7444988_1'	0.3	1.23	3.33	0.49	0.4	1.72	1.08 No	0.3	Primary Over-Voltage
TWL062	577	'6327951_/_43895582'	0.6	2.4	6.67	0.99	1.6	3.41	2.17 No	0.6	Primary Over-Voltage
TWL062	578	'6325459_/_43894945'	0.33	1.2	3.33	0.49	0.4	1.71	1.08 No	0.33	Primary Over-Voltage
TWL062	579	'43884478_/_6288351'	0.43	1.2	3.33	0.49	0.3	1.8	1.08 No	0.3	Element Fault
TWL062	580	'8393449_/_456692971'	0.9	3.6	10	1.48	3.5	5.13	3.25 No	0.9	Primary Over-Voltage
TWL062	581	'8393469_/_8393466'	0.9	3.6	10	1.48	3.5	5.13	3.25 No	0.9	Primary Over-Voltage
TWL062	582	'8393542_/_73559112_1'	0.3	1.2	3.33	0.49	1.17	1.71	1.08 No	0.3	Primary Over-Voltage
TWL062	583	'8393558_/_8704726'	0.3	1.2	3.33	0.49	1.17	1.7	1.08 No	0.3	Primary Over-Voltage
TWL062	584	'8076410_/_8076407_2'	0.43	1.2	3.33	0.49	0.3	1.79	1.08 No	0.3	Element Fault
TWL062	585	'6276755_/_43884351'	0.4	1.2	3.33	0.49	0.2	1.82	1.08 No	0.2	Element Fault
TWL062	586	'6312489_/_6312499'	0.3	1.2	3.33	0.49	0.4	1.69	1.08 No	0.3	Primary Over-Voltage
TWL062	587	'8393574_/_8393572_2'	0.3	1.2	3.33	0.49	1.17	1.69	1.08 No	0.3	Primary Over-Voltage
TWL062	588	'6312331_/_6312343'	0.6	2.4	6.67	0.99	0.8	3.39	2.17 No	0.6	Primary Over-Voltage
TWL062	589	'6276800_/_6276797'	0.37	1.2	3.33	0.49	0.2	1.83	1.08 No	0.2	Element Fault
TWL062	590	'6312713_/_8393572_1'	0.3	1.2	3.33	0.49	0.5	1.69	1.08 No	0.3	Primary Over-Voltage
TWL062	591	'6328846_/_43895644'	0.33	1.2	3.33	0.49	0.8	1.68	1.08 No	0.33	Primary Over-Voltage
TWL062	592	'6312515_/_6312512'	0.3	1.17	3.33	0.49	0.4	1.68	1.08 No	0.3	Primary Over-Voltage
TWL062	593	'6327966_/_6327963'	0.53	2.33	6.67	0.99	1.6	3.34	2.17 No	0.53	Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TWL062	594	'6280631_/_6280641'		0.43	1.17	3.33	0.49	0.3	1.76	1.08 No	0.3 Element Fault
TWL062	595	'43891085_/_43884689'		0.4	1.17	3.33	0.49	0.55	1.76	1.08 No	0.4 Primary Over-Voltage
TWL062	596	'6312700_/_6312710'		0.3	1.17	3.33	0.49	0.5	1.68	1.08 No	0.3 Primary Over-Voltage
TWL062	597	'9337683_/_9337680'		0.9	3.5	10	1.48	3.5	5.01	3.25 No	0.9 Primary Over-Voltage
TWL062	598	'6280630_/_6280628'		0.43	1.17	3.33	0.49	0.3	1.75	1.08 No	0.3 Element Fault
TWL062	599	'43893188_/_6312486'		0.3	1.17	3.33	0.49	0.4	1.66	1.08 No	0.3 Primary Over-Voltage
TWL062	600	'43894954_/_6325469'		0.33	1.17	3.33	0.49	0.4	1.66	1.08 No	0.33 Primary Over-Voltage
TWL062	601	'43893199_/_6312525'		0.3	1.17	3.33	0.49	0.4	1.66	1.08 No	0.3 Primary Over-Voltage
TWL062	602	'43893254_/_6312723'		0.3	1.17	3.33	0.49	0.5	1.65	1.08 No	0.3 Primary Over-Voltage
TWL062	603	'6276768_/_6276765'		0.37	1.17	3.33	0.49	0.2	1.76	1.08 No	0.2 Element Fault
TWL062	604	'6312316_/_6312328'		0.6	2.27	6.67	0.99	0.8	3.29	2.17 No	0.6 Primary Over-Voltage
TWL062	605	'6312541_/_43893201'		0.3	1.13	3.33	0.49	0.4	1.64	1.08 No	0.3 Primary Over-Voltage
TWL062	606	'9648060_/_9648057'		0.4	1.13	3.33	0.49	0.3	1.72	1.08 No	0.3 Element Fault
TWL062	607	'5798850_/_7102208'		0.4	1.13	3.33	0.49	0.3	1.71	1.08 No	0.3 Element Fault
TWL062	608	'6312687_/_6312697'		0.3	1.13	3.33	0.49	0.5	1.64	1.08 No	0.3 Primary Over-Voltage
TWL062	609	'8704653_/_9651089'		0.9	3.4	10	1.48	3.5	4.92	3.25 No	0.9 Primary Over-Voltage
TWL062	610	'6312381_/_6325482'		0.33	1.13	3.33	0.49	0.4	1.64	1.08 No	0.33 Primary Over-Voltage
TWL062	611	'6327932_/_6327978'		0.53	2.27	6.67	0.99	1.6	3.24	2.17 No	0.53 Primary Over-Voltage
TWL062	612	'6312739_/_6312736'		0.3	1.13	3.33	0.49	0.5	1.63	1.08 No	0.3 Primary Over-Voltage
TWL062	613	'6329080_/_6329077'		0.33	1.13	3.33	0.49	0.8	1.62	1.08 No	0.33 Primary Over-Voltage
TWL062	614	'6307495_/_6307492'		0.4	1.13	3.33	0.49	0.55	1.7	1.08 No	0.4 Primary Over-Voltage
TWL062	615	'37965162_/_8704670'		0.9	3.4	10	1.48	3.5	4.88	3.25 No	0.9 Primary Over-Voltage
TWL062	616	'6312190_/_6312200'		0.3	1.13	3.33	0.49	0.4	1.62	1.08 No	0.3 Primary Over-Voltage
TWL062	617	'358503847_/_6327930'		0.53	2.27	6.67	0.99	1.6	3.21	2.17 No	0.53 Primary Over-Voltage
TWL062	618	'43895826_/_6312684'		0.3	1.13	3.33	0.49	0.5	1.61	1.08 No	0.3 Primary Over-Voltage
TWL062	619	'6276813_/_6276810'		0.33	1.13	3.33	0.49	0.2	1.74	1.08 No	0.2 Element Fault
TWL062	620	'6312554_/_6312551'		0.3	1.13	3.33	0.49	0.4	1.61	1.08 No	0.3 Primary Over-Voltage
TWL062	621	'6312315_/_6312313'		0.53	2.27	6.67	0.99	0.8	3.23	2.17 No	0.53 Primary Over-Voltage
TWL062	622	'6312177_/_6312187'		0.3	1.1	3.33	0.49	0.4	1.6	1.08 No	0.3 Primary Over-Voltage
TWL062	623	'5798837_/_5798847'		0.4	1.1	3.33	0.49	0.3	1.66	1.08 No	0.3 Element Fault
TWL062	624	'6276784_/_6276781'		0.37	1.1	3.33	0.49	0.2	1.69	1.08 No	0.2 Element Fault
TWL062	625	'6312382_/_6312379'		0.33	1.1	3.33	0.49	0.4	1.59	1.08 No	0.33 Primary Over-Voltage
TWL062	626	'43893210_/_6312564'		0.3	1.1	3.33	0.49	0.4	1.58	1.08 No	0.3 Primary Over-Voltage
TWL062	627	'6329536_/_6329546'		0.27	1.1	3.33	0.49	0.5	1.57	1.08 No	0.27 Primary Over-Voltage
TWL062	628	'6312755_/_6312752'		0.27	1.1	3.33	0.49	0.5	1.57	1.08 No	0.27 Primary Over-Voltage
TWL062	629	'6307508_/_6307505'		0.37	1.07	3.33	0.49	0.55	1.64	1.08 No	0.37 Primary Over-Voltage
TWL062	630	'43893044_/_6312174'		0.3	1.07	3.33	0.49	0.4	1.56	1.08 No	0.3 Primary Over-Voltage
TWL062	631	'43895049_/_6326028'		0.53	2.13	6.67	0.99	0.8	3.14	2.17 No	0.53 Primary Over-Voltage
TWL062	632	'43785249_/_5798834'		0.4	1.07	3.33	0.49	0.3	1.63	1.08 No	0.3 Element Fault
TWL062	633	'6312395_/_6312392'		0.33	1.07	3.33	0.49	0.4	1.55	1.08 No	0.33 Primary Over-Voltage
TWL062	634	'6329523_/_6329533'		0.27	1.07	3.33	0.49	0.5	1.54	1.08 No	0.27 Primary Over-Voltage
TWL062	635	'6312151_/_6312161'		0.3	1.07	3.33	0.49	0.4	1.54	1.08 No	0.3 Primary Over-Voltage
TWL062	636	'43893221_/_43893212'		0.3	1.07	3.33	0.49	0.4	1.54	1.08 No	0.3 Primary Over-Voltage
TWL062	637	'5798811_/_5798821'		0.37	1.07	3.33	0.49	0.3	1.6	1.08 No	0.3 Element Fault
TWL062	638	'6329510_/_6329520'		0.27	1.07	3.33	0.49	0.5	1.53	1.08 No	0.27 Primary Over-Voltage
TWL062	639	'43884360_/_6276826'		0.33	1.07	3.33	0.49	0.2	1.64	1.08 No	0.2 Element Fault
TWL062	640	'43884456_/_6276995'		0.33	1.07	3.33	0.49	0.2	1.62	1.08 No	0.2 Element Fault
TWL062	641	'6312768_/_6312765'		0.27	1.03	3.33	0.49	0.5	1.52	1.08 No	0.27 Primary Over-Voltage
TWL062	642	'5798795_/_5798808'		0.37	1.03	3.33	0.49	0.3	1.58	1.08 No	0.3 Element Fault
TWL062	643	'6312592_/_43893223'		0.3	1.03	3.33	0.49	0.4	1.51	1.08 No	0.3 Primary Over-Voltage
TWL062	644	'43893177_/_6312405'		0.33	1.03	3.33	0.49	0.4	1.52	1.08 No	0.33 Primary Over-Voltage
TWL062	645	'43895735_/_43895737'		0.27	1.03	3.33	0.49	0.5	1.51	1.08 No	0.27 Primary Over-Voltage
TWL062	646	'6312138_/_6312148'		0.3	1.03	3.33	0.49	0.4	1.5	1.08 No	0.3 Primary Over-Voltage
TWL062	647	'6312408_/_6312418_1'		0.33	1.03	3.33	0.49	0.4	1.51	1.08 No	0.33 Primary Over-Voltage
TWL062	648	'6312013_/_6326013'		0.53	2.07	6.67	0.99	0.8	3.02	2.17 No	0.53 Primary Over-Voltage
TWL062	649	'6312593_/_6312590'		0.3	1.03	3.33	0.49	0.4	1.49	1.08 No	0.3 Primary Over-Voltage
TWL062	650	'5798782_/_5798792'		0.37	1.03	3.33	0.49	0.3	1.55	1.08 No	0.3 Element Fault
TWL062	651	'6312125_/_6312135'		0.3	1.03	3.33	0.49	0.4	1.48	1.08 No	0.3 Primary Over-Voltage
TWL062	652	'6329496_/_6329494'		0.27	1.03	3.33	0.49	0.5	1.48	1.08 No	0.27 Primary Over-Voltage
TWL062	653	'6312421_/_6312418_2'		0.33	1.03	3.33	0.49	0.4	1.49	1.08 No	0.33 Primary Over-Voltage
TWL062	654	'5798866_/_5798863'		0.37	1	3.33	0.49	0.3	1.54	1.08 No	0.3 Element Fault
TWL062	655	'6277011_/_6277008'		0.33	1	3.33	0.49	0.2	1.57	1.08 No	0.2 Element Fault
TWL062	656	'43893265_/_6312778'		0.27	1	3.33	0.49	0.5	1.47	1.08 No	0.27 Primary Over-Voltage
TWL062	657	'6312606_/_6312603'		0.3	1	3.33	0.49	0.4	1.46	1.08 No	0.3 Primary Over-Voltage
TWL062	658	'43895966_/_43895968'		0.27	1	3.33	0.49	0.5	1.46	1.08 No	0.27 Primary Over-Voltage
TWL062	659	'6312124_/_6312122'		0.3	1	3.33	0.49	0.4	1.45	1.08 No	0.3 Primary Over-Voltage
TWL062	660	'6276842_/_6276839'		0.3	1	3.33	0.49	0.2	1.57	1.08 No	0.2 Element Fault
TWL062	661	'43892999_/_6312010'		0.47	2	6.67	0.99	0.8	2.94	2.17 No	0.47 Primary Over-Voltage
TWL062	662	'43785238_/_5798779'		0.37	1	3.33	0.49	0.3	1.52	1.08 No	0.3 Element Fault
TWL062	663	'6312434_/_6312431'		0.33	1	3.33	0.49	0.4	1.46	1.08 No	0.33 Primary Over-Voltage
TWL062	664	'43893232_/_6312616'		0.3	0.97	3.33	0.49	0.4	1.44	1.08 No	0.3 Primary Over-Voltage
TWL062	665	'6277024_/_6277021'		0.33	0.97	3.33	0.49	0.2	1.53	1.08 No	0.2 Element Fault
TWL062	666	'6312794_/_43893267'		0.27	0.97	3.33	0.49	0.5	1.45	1.08 No	0.27 Primary Over-Voltage
TWL062	667	'6329484_/_6330537'		0.27	0.97	3.33	0.49	0.5	1.44	1.08 No	0.27 Primary Over-Voltage
TWL062	668	'6311983_/_6311995'		0.47	1.93	6.67	0.99	0.8	2.88	2.17 No	0.47 Primary Over-Voltage
TWL062	669	'6312632_/_43893234'		0.3	0.97	3.33	0.49	0.4	1.42	1.08 No	0.3 Primary Over-Voltage
TWL062	670	'6312447_/_6312444'		0.33	0.97	3.33	0.49	0.4	1.42	1.08 No	0.33 Primary Over-Voltage
TWL062	671	'6277037_/_6277034'		0.3	0.97	3.33	0.49	0.2	1.5	1.08 No	0.2 Element Fault
TWL062	672	'133042576_/_6329481'		0.23	0.97	3.33	0.49	0.5	1.41	1.08 No	0.23 Primary Over-Voltage
TWL062	673	'6312807_/_6312804'		0.23	0.97	3.33	0.49	0.5	1.42	1.08 No	0.23 Primary Over-Voltage
TWL062	674	'5798768_/_5798766'		0.33	0.97	3.33	0.49	0.3	1.47	1.08 No	0.3 Element Fault
TWL062	675	'43893243_/_6312642'		0.3	0.97	3.33	0.49	0.4	1.4	1.08 No	0.3 Primary Over-Voltage
TWL062	676	'6312460_/_6312457'		0.33	0.93	3.33	0.49	0.4	1.4	1.08 No	0.33 Primary Over-Voltage
TWL062	677	'6276855_/_6276852'		0.3	0.93	3.33	0.49	0.2	1.5	1.08 No	0.2 Element Fault
TWL062	678	'43892987_/_6311980'		0.47	1.87	6.67	0.99	0.8	2.8	2.17 No	0.47 Primary Over-Voltage
TWL062	679	'43893248_/_43893245'		0.3	0.93	3.33	0.49	0.4	1.38	1.08 No	0.3 Primary Over-Voltage
TWL062	680	'43884467_/_6277047'		0.3	0.93	3.33	0.49	0.2	1.46	1.08 No	0.2 Element Fault
TWL062	681	'6312820_/_6312817'		0.23	0.93	3.33	0.49	0.5	1.38	1.08 No	0.23 Primary Over-Voltage
TWL062	682	'6280615_/_7102195'		0.33	0.93	3.33	0.49	0.3	1.43	1.08 No	0.3 Element Fault
TWL062	683	'6312476_/_6312473'		0.33	0.93	3.33	0.49	0.4	1.38	1.08 No	0.33 Primary Over-Voltage
TWL062	684	'6276868_/_6276865'		0.3	0.93	3.33	0.49	0.2	1.46	1.08 No	0.2 Element Fault
TWL062	685	'6280614_/_6280612'		0.33	0.93	3.33	0.49	0.3	1.41	1.08 No	0.3 Element Fault
TWL062	686	'6277063_/_6277060'		0.3	0.9	3.33	0.49	0.2	1.43	1.08 No	0.2 Element Fault
TWL062	687	'6311964_/_6311962'		0.47	1.8	6.67	0.99	0.8	2.71	2.17 No	0.47 Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TWL062	688	'6312833_/_6312830'		0.23	0.9	3.33	0.49	0.5	1.35	1.08 No	0.23 Primary Over-Voltage
TWL062	689	'6277076_/_6277073'		0.3	0.9	3.33	0.49	0.2	1.4	1.08 No	0.2 Element Fault
TWL062	690	'43893276_/_6312843'		0.23	0.87	3.33	0.49	0.5	1.31	1.08 No	0.23 Primary Over-Voltage
TWL062	691	'6276881_/_6276878'		0.27	0.87	3.33	0.49	0.2	1.39	1.08 No	0.2 Element Fault
TWL062	692	'6277089_/_6277086'		0.27	0.87	3.33	0.49	0.2	1.35	1.08 No	0.2 Element Fault
TWL062	693	'6312859_/_43893278'		0.23	0.87	3.33	0.49	0.5	1.29	1.08 No	0.23 Primary Over-Voltage
TWL062	694	'6277102_/_6277099'		0.27	0.83	3.33	0.49	0.2	1.33	1.08 No	0.2 Element Fault
TWL062	695	'6313639_/_6320425'		0.23	0.83	3.33	0.49	0.5	1.27	1.08 No	0.23 Primary Over-Voltage
TWL062	696	'6313626_/_6313636'		0.2	0.83	3.33	0.49	0.5	1.25	1.08 No	0.2 Primary Over-Voltage
TWL062	697	'6313625_/_6313623'		0.2	0.8	3.33	0.49	0.5	1.24	1.08 No	0.2 Primary Over-Voltage
TWL062	698	'43884423_/_6276891'		0.27	0.8	3.33	0.49	0.2	1.31	1.08 No	0.2 Element Fault
TWL062	699	'43893757_/_6314015'		0.2	0.8	3.33	0.49	0.5	1.22	1.08 No	0.2 Primary Over-Voltage
TWL062	700	'6313992_/_6314002'		0.2	0.77	3.33	0.49	0.5	1.19	1.08 No	0.2 Primary Over-Voltage
TWL062	701	'6276907_/_6276904'		0.23	0.77	3.33	0.49	0.2	1.24	1.08 No	0.2 Element Fault
TWL062	702	'43893746_/_43893748'		0.2	0.77	3.33	0.49	0.5	1.17	1.08 No	0.2 Primary Over-Voltage
TWL062	703	'6313966_/_6313976'		0.2	0.77	3.33	0.49	0.5	1.15	1.08 No	0.2 Primary Over-Voltage
TWL062	704	'6276920_/_6276917'		0.23	0.73	3.33	0.49	0.2	1.21	1.08 No	0.2 Element Fault
TWL062	705	'6313953_/_6313963'		0.2	0.73	3.33	0.49	0.5	1.13	1.08 No	0.2 Primary Over-Voltage
TWL062	706	'6313940_/_6313950'		0.2	0.73	3.33	0.49	0.5	1.12	1.08 No	0.2 Primary Over-Voltage
TWL062	707	'43884434_/_6276930'		0.23	0.73	3.33	0.49	0.2	1.17	1.08 No	0.2 Element Fault
TWL062	708	'43893735_/_43893737'		0.2	0.7	3.33	0.49	0.5	1.1	1.08 No	0.2 Primary Over-Voltage
TWL062	709	'6276946_/_6276943'		0.23	0.7	3.33	0.49	0.2	1.15	1.08 No	0.2 Element Fault
TWL062	710	'6313911_/_6313924'		0.17	0.7	3.33	0.49	0.5	1.08	1.08 No	0.17 Primary Over-Voltage
TWL062	711	'6276959_/_6276956'		0.2	0.7	3.33	0.49	0.2	1.12	1.08 No	0.2 Primary Over-Voltage
TWL062	712	'6313910_/_6313908'		0.17	0.67	3.33	0.49	0.5	1.06	1.08 No	0.17 Primary Over-Voltage
TWL062	713	'43884445_/_6276969'		0.2	0.67	3.33	0.49	0.2	1.09	1.08 No	0.2 Primary Over-Voltage
TWL062	714	'6325613_/_43895074'		0.17	0.67	3.33	0.49	0.5	1.03	1.08 No	0.17 Primary Over-Voltage
TWL062	715	'6276985_/_43884447'		0.2	0.67	3.33	0.49	0.2	1.06	1.08 No	0.2 Primary Over-Voltage
TWL062	716	'43884567_/_6277225'		0.2	0.63	3.33	0.49	0.2	1.03	1.08 No	0.2 Primary Over-Voltage
TWL062	717	'6277241_/_6277238'		0.2	0.63	3.33	0.49	0.2	1.02	1.08 No	0.2 Primary Over-Voltage
TWL062	718	'6277254_/_6277251'		0.2	0.6	3.33	0.49	0.2	1	1.08 No	0.2 Primary Over-Voltage
TWL062	719	'43884578_/_6277267'		0.2	0.6	3.33	0.49	0.2	0.99	1.08 No	0.2 Primary Over-Voltage
TWL062	720	'6277270_/_43884580'		0.2	0.6	3.33	0.49	0.2	0.97	1.08 No	0.2 Primary Over-Voltage
TWL063	0	'TWL063_/_459961577'		10	10	10	1.64	10	10	10 No	1.64 Thermal Discharging
TWL063	1	'7415973_/_459961577'		10	10	10	1.64	10	10	3.05 No	1.64 Thermal Discharging
TWL063	2	'7415974_/_7415971'		10	10	10	1.64	10	10	3.05 No	1.64 Thermal Discharging
TWL063	3	'7416034_/_7416031'		10	10	10	1.64	10	10	3.05 No	1.64 Thermal Discharging
TWL063	4	'8111193_/_8111190'		10	10	10	1.64	10	10	3.05 No	1.64 Thermal Discharging
TWL063	5	'9311236_/_9311234'		10	10	10	1.64	10	10	3.05 No	1.64 Thermal Discharging
TWL063	6	'55711626_/_9623479_1'		10	10	10	1.64	10	10	3.05 No	1.64 Thermal Discharging
TWL063	7	'5830115_/_9623479_2'		10	10	10	1.64	10	10	3.05 No	1.64 Thermal Discharging
TWL063	8	'5835554_/_5835571'		10	10	10	1.64	10	10	3.05 No	1.64 Thermal Discharging
TWL063	9	'5830116_/_5830113'		10	10	10	1.64	10	10	3.05 No	1.64 Thermal Discharging
TWL063	10	'57285339_/_5832547'		10	10	10	1.64	10	10	3.05 No	1.64 Thermal Discharging
TWL063	11	'5829062_/_5832564'		10	10	10	1.64	10	10	3.05 No	1.64 Thermal Discharging
TWL063	12	'5829063_/_5829060'		10	10	10	1.64	10	10	3.05 No	1.64 Thermal Discharging
TWL063	13	'5829080_/_5829077'		10	10	10	1.64	10	10	3.05 No	1.64 Thermal Discharging
TWL063	14	'5829097_/_5829094'		10	10	10	1.64	10	10	3.05 No	1.64 Thermal Discharging
TWL063	15	'5829114_/_5829111'		10	10	10	1.64	10	10	3.05 No	1.64 Thermal Discharging
TWL063	16	'6285547_/_7102593'		10	10	10	1.64	10	10	3.05 No	1.64 Thermal Discharging
TWL063	17	'6285548_/_6285545'		10	10	10	1.64	10	10	3.05 No	1.64 Thermal Discharging
TWL063	18	'6285568_/_6285565'		10	10	10	1.64	10	10	3.05 No	1.64 Thermal Discharging
TWL063	19	'6285585_/_6285582'		10	10	10	1.64	10	10	3.05 No	1.64 Thermal Discharging
TWL063	20	'6285602_/_6285599'		10	10	10	1.64	10	10	3.05 No	1.64 Thermal Discharging
TWL063	21	'6285340_/_6285616'		10	10	10	1.64	10	10	3.05 No	1.64 Thermal Discharging
TWL063	22	'6285341_/_6285338'		10	10	10	1.64	10	10	3.05 No	1.64 Thermal Discharging
TWL063	23	'6282290_/_6285633'		10	10	10	1.64	10	10	3.05 No	1.64 Thermal Discharging
TWL063	24	'43882977_/_6282288'		10	10	10	1.64	10	10	3.05 No	1.64 Thermal Discharging
TWL063	25	'6282046_/_43882979'		10	10	10	1.64	10	10	3.05 No	1.64 Thermal Discharging
TWL063	26	'6282047_/_6282044'		9.9	10	10	1.64	10	10	3.05 No	1.64 Thermal Discharging
TWL063	27	'6282064_/_6282061'		9.5	10	10	1.64	10	10	3.05 No	1.64 Thermal Discharging
TWL063	28	'6282081_/_6282078'		9.1	10	10	1.64	10	10	3.05 No	1.64 Thermal Discharging
TWL063	29	'6282098_/_6282095'		8.7	10	10	1.64	10	10	3.05 No	1.64 Thermal Discharging
TWL063	30	'49934504_/_7755397_2'		5.53	6.67	6.67	1.1	3.6	6.67	2.03 No	1.1 Thermal Discharging
TWL063	31	'6282115_/_6282112'		8.3	10	10	1.64	10	10	3.05 No	1.64 Thermal Discharging
TWL063	32	'6248131_/_6282328'		8	10	10	1.64	10	10	3.05 No	1.64 Thermal Discharging
TWL063	33	'6248118_/_43883175_2'		2.53	3.33	3.33	0.55	1.1	3.33	1.02 No	0.55 Thermal Discharging
TWL063	34	'6282348_/_6282345'		7.6	10	10	1.64	10	10	3.05 No	1.64 Thermal Discharging
TWL063	35	'6282365_/_6282362'		7.4	10	10	1.64	10	10	3.05 No	1.64 Thermal Discharging
TWL063	36	'6274075_/_6282379'		7.2	10	10	1.64	10	10	3.05 No	1.64 Thermal Discharging
TWL063	37	'6282399_/_6282396'		7	10	10	1.64	10	10	3.05 No	1.64 Thermal Discharging
TWL063	38	'6282416_/_6282413'		6.9	10	10	1.64	10	10	3.05 No	1.64 Thermal Discharging
TWL063	39	'7755400_/_7755397_1'		4.4	6.67	6.67	1.1	1	6.67	2.03 No	1 Element Fault
TWL063	40	'43883173_/_43883175_1'		2.2	3.33	3.33	0.55	0.5	3.33	1.02 No	0.5 Element Fault
TWL063	41	'6282433_/_6282430'		6.6	10	10	1.64	10	10	3.05 No	1.64 Thermal Discharging
TWL063	42	'6282274_/_6282450'		6.5	10	10	1.64	10	10	3.05 No	1.64 Thermal Discharging
TWL063	43	'6274801_/_6274907_2'		2.17	3.33	3.33	0.55	1.1	3.33	1.02 No	0.55 Thermal Discharging
TWL063	44	'43883263_/_43883265'		6.4	10	10	1.64	10	10	3.05 No	1.64 Thermal Discharging
TWL063	45	'6282470_/_6282467'		6.5	10	10	1.64	10	10	3.05 No	1.64 Thermal Discharging
TWL063	46	'6282237_/_6282254'		6.3	10	10	1.64	10	10	3.05 No	1.64 Thermal Discharging
TWL063	47	'43883162_/_6274907_1'		2.1	3.33	3.33	0.55	0.5	3.33	1.02 No	0.5 Element Fault
TWL063	48	'6274101_/_6282234'		6.2	10	10	1.64	10	10	3.05 No	1.64 Thermal Discharging
TWL063	49	'6282490_/_6282487'		6.3	10	10	1.64	10	10	3.05 No	1.64 Thermal Discharging
TWL063	50	'6274102_/_6274115_1'		4.07	6.67	6.67	1.1	1.7	6.67	2.03 No	1.1 Thermal Discharging
TWL063	51	'6289422_/_6289436'		6.1	10	10	1.64	10	10	3.05 No	1.64 Thermal Discharging
TWL063	52	'6282507_/_6282504'		6.1	10	10	1.64	10	10	3.05 No	1.64 Thermal Discharging
TWL063	53	'43883151_/_6274073'		2.17	3.33	3.33	0.55	1.2	3.33	1.02 No	0.55 Thermal Discharging
TWL063	54	'6282220_/_6289419'		5.9	10	10	1.64	10	10	3.05 No	1.64 Thermal Discharging
TWL063	55	'7142956_/_7142971_1'		4.07	6.67	6.67	1.1	1.1	6.67	2.03 No	1.1 Thermal Discharging
TWL063	56	'6282523_/_6285284'		6	10	10	1.64	10	10	3.05 No	1.64 Thermal Discharging
TWL063	57	'43883195_/_43883197'		5.8	10	10	1.64	10	10	3.05 No	1.64 Thermal Discharging
TWL063	58	'6248117_/_6248115'		1.9	3.33	3.33	0.55	0.5	3.33	1.02 No	0.5 Element Fault
TWL063	59	'6282524_/_6282521'		5.8	10	10	1.64	10	10	3.05 No	1.64 Thermal Discharging
TWL063	60	'6282183_/_6282197'		5.7	10	10	1.64	10	10	3.05 No	1.64 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TWL063	61	'6282166_/_6282180'		5.6	10	10	1.64	10	10	3.05 No	1.64 Thermal Discharging
TWL063	62	'43883413_/_6282538'		5.7	10	10	1.64	10	10	3.05 No	1.64 Thermal Discharging
TWL063	63	'6282149_/_6282163'		5.5	10	10	1.64	10	10	3.05 No	1.64 Thermal Discharging
TWL063	64	'6274063_/_6274798'		1.83	3.33	3.33	0.55	0.5	3.33	1.02 No	0.5 Element Fault
TWL063	65	'6284067_/_6285304'		5.6	10	10	1.64	10	10	3.05 No	1.64 Thermal Discharging
TWL063	66	'6282132_/_6282146'		5.4	10	10	1.64	10	10	3.05 No	1.64 Thermal Discharging
TWL063	67	'6274118_/_6274115_2'		3.53	6.67	6.67	1.1	1.7	6.67	2.03 No	1.1 Thermal Discharging
TWL063	68	'6284066_/_6284064'		5.5	10	10	1.64	10	10	3.05 No	1.64 Thermal Discharging
TWL063	69	'675429616_/_6274086_1'		1.93	3.33	3.33	0.55	0.6	3.33	1.02 No	0.55 Thermal Discharging
TWL063	70	'6282030_/_6282129'		5.3	10	10	1.64	10	10	3.05 No	1.64 Thermal Discharging
TWL063	71	'6285831_/_6285844'		5.4	10	10	1.64	10	10	3.05 No	1.64 Thermal Discharging
TWL063	72	'43883276_/_7142971_2'		3.6	6.67	6.67	1.1	1.1	6.67	2.03 No	1.1 Thermal Discharging
TWL063	73	'6285864_/_6285861'		5.4	10	10	1.64	10	10	3.05 No	1.64 Thermal Discharging
TWL063	74	'6274089_/_6274086_2'		1.9	3.33	3.33	0.55	0.6	3.33	1.02 No	0.55 Thermal Discharging
TWL063	75	'6285884_/_6285881'		5.3	10	10	1.64	10	10	3.05 No	1.64 Thermal Discharging
TWL063	76	'43885000_/_6285898'		5.2	10	10	1.64	10	10	3.05 No	1.64 Thermal Discharging
TWL063	77	'6282010_/_6282027'		4.9	10	10	1.64	10	10	3.05 No	1.64 Thermal Discharging
TWL063	78	'6284087_/_6284084'		5.1	10	10	1.64	10	10	3.05 No	1.64 Thermal Discharging
TWL063	79	'43885013_/_6284101'		5	10	10	1.64	10	10	3.05 No	1.64 Thermal Discharging
TWL063	80	'6274050_/_6274060'		1.6	3.33	3.33	0.55	0.5	3.33	1.02 No	0.5 Element Fault
TWL063	81	'6274131_/_6274128'		3.2	6.67	6.67	1.1	1.7	6.67	2.03 No	1.1 Thermal Discharging
TWL063	82	'6281993_/_6282007'		4.8	10	10	1.64	10	10	3.05 No	1.64 Thermal Discharging
TWL063	83	'6289238_/_6289261'		1.77	3.33	3.33	0.55	0.6	3.33	1.02 No	0.55 Thermal Discharging
TWL063	84	'6284121_/_43885015'		4.9	10	10	1.64	10	10	3.05 No	1.64 Thermal Discharging
TWL063	85	'6272979_/_6281990'		4.7	10	10	1.64	10	10	3.05 No	1.64 Thermal Discharging
TWL063	86	'6284138_/_6284135'		4.9	10	10	1.64	10	10	3.05 No	1.64 Thermal Discharging
TWL063	87	'6272965_/_6274876'		3.13	6.67	6.67	1.1	3.1	6.67	2.03 No	1.1 Thermal Discharging
TWL063	88	'6281959_/_6281973'		4.6	10	10	1.64	10	10	3.05 No	1.64 Thermal Discharging
TWL063	89	'672239197_/_43886281_3'		3.13	6.67	6.67	1.1	3.1	6.67	2.03 No	1.1 Thermal Discharging
TWL063	90	'6272964_/_43886281_2'		3.13	6.67	6.67	1.1	1	6.67	2.03 No	1 Element Fault
TWL063	91	'672239187_/_6274894_1'		1.57	3.33	3.33	0.55	0.5	3.33	1.02 No	0.5 Element Fault
TWL063	92	'6248350_/_6284152'		4.8	10	10	1.64	10	10	3.05 No	1.64 Thermal Discharging
TWL063	93	'6272980_/_6274894_2'		1.57	3.33	3.33	0.55	0.5	3.33	1.02 No	0.5 Element Fault
TWL063	94	'6281942_/_6281956'		4.6	10	10	1.64	10	10	3.05 No	1.64 Thermal Discharging
TWL063	95	'43884989_/_43884991'		1.73	3.33	3.33	0.55	1.6	3.33	1.02 No	0.55 Thermal Discharging
TWL063	96	'43886115_/_6248348'		4.7	10	10	1.64	10	10	3.05 No	1.64 Thermal Discharging
TWL063	97	'6272899_/_6281939'		4.5	10	10	1.64	10	10	3.05 No	1.64 Thermal Discharging
TWL063	98	'6248368_/_6248365'		4.6	10	10	1.64	10	10	3.05 No	1.64 Thermal Discharging
TWL063	99	'6280872_/_6280869_2'		1.7	3.33	3.33	0.55	1.1	3.33	1.02 No	0.55 Thermal Discharging
TWL063	100	'43883003_/_6281922'		4.4	10	10	1.64	10	10	3.05 No	1.64 Thermal Discharging
TWL063	101	'6284172_/_6284169'		4.6	10	10	1.64	10	10	3.05 No	1.64 Thermal Discharging
TWL063	102	'49206669_/_6288802'		4.4	10	10	1.64	10	10	3.05 No	1.64 Thermal Discharging
TWL063	103	'6272992_/_6274894_3'		1.57	3.33	3.33	0.55	0.5	3.33	1.02 No	0.5 Element Fault
TWL063	104	'43885026_/_6284186'		4.5	10	10	1.64	10	10	3.05 No	1.64 Thermal Discharging
TWL063	105	'6284206_/_6284203'		4.4	10	10	1.64	10	10	3.05 No	1.64 Thermal Discharging
TWL063	106	'6278754_/_6284220'		4.4	10	10	1.64	10	10	3.05 No	1.64 Thermal Discharging
TWL063	107	'6274049_/_6274047'		1.4	3.33	3.33	0.55	0.5	3.33	1.02 No	0.5 Element Fault
TWL063	108	'6278767_/_6278777_1'		1.47	3.33	3.33	0.55	3.33	3.33	1.02 No	0.55 Thermal Discharging
TWL063	109	'6284240_/_6284237'		4.3	10	10	1.64	10	10	3.05 No	1.64 Thermal Discharging
TWL063	110	'6278741_/_6278738_2'		1.43	3.33	3.33	0.55	1.5	3.33	1.02 No	0.55 Thermal Discharging
TWL063	111	'6274144_/_6274141'		2.73	6.67	6.67	1.1	1.7	6.67	2.03 No	1.1 Thermal Discharging
TWL063	112	'6273282_/_6289235'		1.53	3.33	3.33	0.55	0.6	3.33	1.02 No	0.55 Thermal Discharging
TWL063	113	'43885039_/_6284254'		4.2	10	10	1.64	10	10	3.05 No	1.64 Thermal Discharging
TWL063	114	'149028127_/_43883232_1'		1.33	3.33	3.33	0.55	0.5	3.33	1.02 No	0.5 Element Fault
TWL063	115	'149050157_/_6274245_1'		1.37	3.33	3.33	0.55	0.5	3.33	1.02 No	0.5 Element Fault
TWL063	116	'6275131_/_6280869_1'		1.53	3.33	3.33	0.55	0.5	3.33	1.02 No	0.5 Element Fault
TWL063	117	'6284274_/_43885041'		4.1	10	10	1.64	10	10	3.05 No	1.64 Thermal Discharging
TWL063	118	'50655882_/_6289248'		1.47	3.33	3.33	0.55	0.6	3.33	1.02 No	0.55 Thermal Discharging
TWL063	119	'6272900_/_6272897'		3.9	10	10	1.64	3.5	10	3.05 No	1.64 Thermal Discharging
TWL063	120	'43885339_/_6284291'		4.1	10	10	1.64	10	10	3.05 No	1.64 Thermal Discharging
TWL063	121	'6284677_/_6284674'		4	10	10	1.64	10	10	3.05 No	1.64 Thermal Discharging
TWL063	122	'6284694_/_6284691'		4	10	10	1.64	10	10	3.05 No	1.64 Thermal Discharging
TWL063	123	'6278728_/_6278738_1'		1.33	3.33	3.33	0.55	0.5	3.33	1.02 No	0.5 Element Fault
TWL063	124	'43886279_/_43886281_1'		2.53	6.67	6.67	1.1	1	6.67	2.03 No	1 Element Fault
TWL063	125	'43885352_/_6284708'		3.9	10	10	1.64	10	10	3.05 No	1.64 Thermal Discharging
TWL063	126	'6273269_/_6273279'		1.4	3.33	3.33	0.55	0.6	3.33	1.02 No	0.55 Thermal Discharging
TWL063	127	'6284728_/_43885354'		3.9	10	10	1.64	10	10	3.05 No	1.64 Thermal Discharging
TWL063	128	'6274248_/_6274245_2'		1.37	3.33	3.33	0.55	0.5	3.33	1.02 No	0.5 Element Fault
TWL063	129	'6274157_/_6274154'		2.47	6.67	6.67	1.1	1.7	6.67	2.03 No	1.1 Thermal Discharging
TWL063	130	'6284745_/_6284742'		3.8	10	10	1.64	10	10	3.05 No	1.64 Thermal Discharging
TWL063	131	'6278780_/_6278777_2'		1.43	3.33	3.33	0.55	1.5	3.33	1.02 No	0.55 Thermal Discharging
TWL063	132	'6272993_/_6272990'		1.33	3.33	3.33	0.55	0.5	3.33	1.02 No	0.5 Element Fault
TWL063	133	'43883230_/_43883232_2'		1.2	3.33	3.33	0.55	0.5	3.33	1.02 No	0.5 Element Fault
TWL063	134	'43885365_/_6284759'		3.7	10	10	1.64	10	10	3.05 No	1.64 Thermal Discharging
TWL063	135	'43883427_/_43883278'		2.47	6.67	6.67	1.1	1.1	6.67	2.03 No	1.1 Thermal Discharging
TWL063	136	'43883402_/_43883404'		1.37	3.33	3.33	0.55	0.5	3.33	1.02 No	0.5 Element Fault
TWL063	137	'6284779_/_6284776'		3.7	10	10	1.64	10	10	3.05 No	1.64 Thermal Discharging
TWL063	138	'6278715_/_6278725'		1.23	3.33	3.33	0.55	0.5	3.33	1.02 No	0.5 Element Fault
TWL063	139	'6284796_/_6284793'		3.6	10	10	1.64	10	10	3.05 No	1.64 Thermal Discharging
TWL063	140	'43885378_/_6284810'		3.6	10	10	1.64	10	10	3.05 No	1.64 Thermal Discharging
TWL063	141	'6274170_/_6274167'		2.27	6.67	6.67	1.1	1.7	6.67	2.03 No	1.1 Thermal Discharging
TWL063	142	'6279457_/_43885380'		3.6	10	10	1.64	10	10	3.05 No	1.64 Thermal Discharging
TWL063	143	'6286192_/_6286189'		3.4	10	10	1.64	3.5	10	3.05 No	1.64 Thermal Discharging
TWL063	144	'6279458_/_6279455'		3.5	10	10	1.64	10	10	3.05 No	1.64 Thermal Discharging
TWL063	145	'6278201_/_6278712'		1.2	3.33	3.33	0.55	0.5	3.33	1.02 No	0.5 Element Fault
TWL063	146	'43883140_/_43883142'		1.27	3.33	3.33	0.55	0.6	3.33	1.02 No	0.55 Thermal Discharging
TWL063	147	'6274261_/_6274258'		1.37	3.33	3.33	0.55	0.5	3.33	1.02 No	0.5 Element Fault
TWL063	148	'6278363_/_6278790'		1.33	3.33	3.33	0.55	1.5	3.33	1.02 No	0.55 Thermal Discharging
TWL063	149	'6279475_/_6279472_1'		3.5	10	10	1.64	10	10	3.05 No	1.64 Thermal Discharging
TWL063	150	'43885391_/_6279472_2'		3.5	10	10	1.64	10	10	3.05 No	1.64 Thermal Discharging
TWL063	151	'6274221_/_6274219'		1.1	3.33	3.33	0.55	0.5	3.33	1.02 No	0.5 Element Fault
TWL063	152	'6275377_/_43883429'		2.33	6.67	6.67	1.1	1.1	6.67	2.03 No	1.1 Thermal Discharging
TWL063	153	'6279492_/_43885393'		3.4	10	10	1.64	10	10	3.05 No	1.64 Thermal Discharging
TWL063	154	'6279509_/_6279506'		3.4	10	10	1.64	10	10	3.05 No	1.64 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
											VSR (MW)	Limiting Threshold
TWL063	155	'6279526_/_6279523'		3.4	10	10	1.64	10	10	3.05 No	1.64	Thermal Discharging
TWL063	156	'6284850_/_6284847'		3.3	9.9	10	1.64	10	10	3.05 No	1.64	Thermal Discharging
TWL063	157	'6275130_/_6275128'		1.2	3.3	3.33	0.55	0.5	3.33	1.02 No	0.5	Element Fault
TWL063	158	'7142992_/_43883441_1'		1.1	3.27	3.33	0.55	0.3	3.33	1.02 No	0.3	Element Fault
TWL063	159	'43883016_/_43883018'		2.07	6.53	6.67	1.1	1	6.67	2.03 No	1	Element Fault
TWL063	160	'43885663_/_6285054'		3.3	9.8	10	1.64	10	10	3.05 No	1.64	Thermal Discharging
TWL063	161	'6285057_/_6285071_1'		3.3	9.8	10	1.64	10	10	3.05 No	1.64	Thermal Discharging
TWL063	162	'6285074_/_6285071_2'		3.2	9.7	10	1.64	10	10	3.05 No	1.64	Thermal Discharging
TWL063	163	'6278214_/_6278211'		1.1	3.2	3.33	0.55	0.5	3.33	1.02 No	0.5	Element Fault
TWL063	164	'6273243_/_6273253'		1.17	3.2	3.33	0.55	0.6	3.33	1.02 No	0.55	Thermal Discharging
TWL063	165	'6285091_/_6285088'		3.2	9.5	10	1.64	10	10	3.05 No	1.64	Thermal Discharging
TWL063	166	'6273006_/_6273003'		1.13	3.17	3.33	0.55	0.5	3.33	1.02 No	0.5	Element Fault
TWL063	167	'6278806_/_6278803'		1.2	3.17	3.33	0.55	1.5	3.33	1.02 No	0.55	Thermal Discharging
TWL063	168	'6274183_/_6274180'		2	6.33	6.67	1.1	1.7	6.67	2.03 No	1.1	Thermal Discharging
TWL063	169	'43885109_/_6278373'		1.2	3.17	3.33	0.55	1.5	3.33	1.02 No	0.55	Thermal Discharging
TWL063	170	'6288393_/_6288390'		3.2	9.5	10	1.64	10	10	3.05 No	1.64	Thermal Discharging
TWL063	171	'43885098_/_43885100'		1.2	3.17	3.33	0.55	1.5	3.33	1.02 No	0.55	Thermal Discharging
TWL063	172	'6288566_/_6288563'		3.2	9.4	10	1.64	10	10	3.05 No	1.64	Thermal Discharging
TWL063	173	'6288529_/_6288546'		3.1	9.4	10	1.64	10	10	3.05 No	1.64	Thermal Discharging
TWL063	174	'149050242_/_6274837_1'		1	3.13	3.33	0.55	0.5	3.33	1.02 No	0.5	Element Fault
TWL063	175	'43883439_/_43883441_2'		1.07	3.13	3.33	0.55	0.3	3.33	1.02 No	0.3	Element Fault
TWL063	176	'6285212_/_6288580'		3.1	9.3	10	1.64	10	10	3.05 No	1.64	Thermal Discharging
TWL063	177	'6285193_/_6288526'		3.1	9.3	10	1.64	10	10	3.05 No	1.64	Thermal Discharging
TWL063	178	'149050271_/_6274850_1'		1	3.07	3.33	0.55	0.5	3.33	1.02 No	0.5	Element Fault
TWL063	179	'43884967_/_43884969'		1.07	3.07	3.33	0.55	0.5	3.33	1.02 No	0.5	Element Fault
TWL063	180	'6280325_/_6285210'		3.1	9.2	10	1.64	10	10	3.05 No	1.64	Thermal Discharging
TWL063	181	'6280991_/_6285190'		3.1	9.2	10	1.64	10	10	3.05 No	1.64	Thermal Discharging
TWL063	182	'6280227_/_6280988_2'		2.07	6.13	6.67	1.1	2.2	6.67	2.03 No	1.1	Thermal Discharging
TWL063	183	'43886092_/_6275375'		2.07	6.13	6.67	1.1	1.1	6.67	2.03 No	1.1	Thermal Discharging
TWL063	184	'6280209_/_6280988_1'		2.07	6.13	6.67	1.1	1	6.67	2.03 No	1	Element Fault
TWL063	185	'6285230_/_6285227_1'		3.1	9.1	10	1.64	10	10	3.05 No	1.64	Thermal Discharging
TWL063	186	'43885676_/_6285227_2'		1.1	9.1	10	1.64	10	9.99	3.05 No	1.64	Thermal Discharging
TWL063	187	'6280326_/_6280336_1'		3.03	3.03	3.33	0.55	0.6	3.33	1.02 No	0.55	Thermal Discharging
TWL063	188	'6285250_/_43885678'		3.1	9	10	1.64	10	9.94	3.05 No	1.64	Thermal Discharging
TWL063	189	'6285988_/_43883221'		0.97	3	3.33	0.55	0.5	3.33	1.02 No	0.5	Element Fault
TWL063	190	'6278337_/_6278347'		1.13	3	3.33	0.55	1.5	3.33	1.02 No	0.55	Thermal Discharging
TWL063	191	'6273230_/_6273240'		1.1	2.97	3.33	0.55	0.6	3.33	1.02 No	0.55	Thermal Discharging
TWL063	192	'6280501_/_6285264'		3	8.9	10	1.64	10	9.85	3.05 No	1.64	Thermal Discharging
TWL063	193	'6280339_/_6280336_2'		1.03	2.97	3.33	0.55	0.6	3.3	1.02 No	0.55	Thermal Discharging
TWL063	194	'664838093_/_43885691_2'		1.03	2.97	3.33	0.55	0.6	3.29	1.02 No	0.55	Thermal Discharging
TWL063	195	'43885120_/_6278816'		1.13	2.97	3.33	0.55	1.5	3.33	1.02 No	0.55	Thermal Discharging
TWL063	196	'6285108_/_6285105'		3	8.9	10	1.64	10	9.81	3.05 No	1.64	Thermal Discharging
TWL063	197	'43885689_/_43885691_1'		1.03	2.97	3.33	0.55	0.5	3.29	1.02 No	0.5	Element Fault
TWL063	198	'6278389_/_6278386'		1.13	2.93	3.33	0.55	1.5	3.33	1.02 No	0.55	Thermal Discharging
TWL063	199	'6280513_/_6280511_1'		2	5.93	6.67	1.1	1	6.53	2.03 No	1	Element Fault
TWL063	200	'43884978_/_6278224'		1	2.93	3.33	0.55	0.5	3.33	1.02 No	0.5	Element Fault
TWL063	201	'6285125_/_6285122'		3	8.8	10	1.64	10	9.78	3.05 No	1.64	Thermal Discharging
TWL063	202	'6285142_/_6285139_1'		3	8.8	10	1.64	10	9.75	3.05 No	1.64	Thermal Discharging
TWL063	203	'43885744_/_6285139_2'		3	8.8	10	1.64	10	9.74	3.05 No	1.64	Thermal Discharging
TWL063	204	'6278819_/_6278829_1'		1.13	2.97	3.33	0.55	0.3	3.33	1.02 No	0.3	Element Fault
TWL063	205	'43883241_/_6274837_2'		0.93	2.93	3.33	0.55	0.5	3.33	1.02 No	0.5	Element Fault
TWL063	206	'6280845_/_6280946'		1	2.9	3.33	0.55	0.3	3.33	1.02 No	0.3	Element Fault
TWL063	207	'6280194_/_6280206'		1.93	5.8	6.67	1.1	1	6.51	2.03 No	1	Element Fault
TWL063	208	'6285159_/_43885746'		3	8.7	10	1.64	10	9.66	3.05 No	1.64	Thermal Discharging
TWL063	209	'6280514_/_6280511_2'		1.93	5.73	6.67	1.1	1	6.42	2.03 No	1	Element Fault
TWL063	210	'6285176_/_6285173'		3	8.6	10	1.64	10	9.59	3.05 No	1.64	Thermal Discharging
TWL063	211	'6274853_/_6274850_2'		1	2.87	3.33	0.55	0.5	3.33	1.02 No	0.5	Element Fault
TWL063	212	'6274196_/_6274193'		1	2.87	3.33	0.55	0.85	3.33	1.02 No	0.55	Thermal Discharging
TWL063	213	'6278504_/_6278829_2'		1.1	2.83	3.33	0.55	0.3	3.33	1.02 No	0.3	Element Fault
TWL063	214	'43885757_/_6286012'		2.9	8.5	10	1.64	10	9.5	3.05 No	1.64	Thermal Discharging
TWL063	215	'6273019_/_6273016'		1	2.83	3.33	0.55	0.5	3.33	1.02 No	0.5	Element Fault
TWL063	216	'6278175_/_6278185'		0.97	2.83	3.33	0.55	0.5	3.33	1.02 No	0.5	Element Fault
TWL063	217	'375631142_/_6286029'		2.9	8.4	10	1.64	10	9.45	3.05 No	1.64	Thermal Discharging
TWL063	218	'6278414_/_43886094'		1.93	5.6	6.67	1.1	1.1	6.67	2.03 No	1.1	Thermal Discharging
TWL063	219	'6272935_/_6272947'		1.8	5.6	6.67	1.1	1	6.67	2.03 No	1	Element Fault
TWL063	220	'6273765_/_6280910'		1.87	5.6	6.67	1.1	1	6.31	2.03 No	1	Element Fault
TWL063	221	'6286032_/_375631146'		2.9	8.4	10	1.64	10	9.4	3.05 No	1.64	Thermal Discharging
TWL063	222	'43885641_/_6280526'		1.03	2.77	3.33	0.55	0.5	3.17	1.02 No	0.5	Element Fault
TWL063	223	'43885722_/_43885724'		1	2.77	3.33	0.55	1.1	3.15	1.02 No	0.55	Thermal Discharging
TWL063	224	'6280297_/_6280307'		1.03	2.77	3.33	0.55	0.5	3.17	1.02 No	0.5	Element Fault
TWL063	225	'6278503_/_6278501'		1.07	2.77	3.33	0.55	0.3	3.3	1.02 No	0.3	Element Fault
TWL063	226	'43886422_/_6288933'		2.9	8.3	10	1.64	10	9.34	3.05 No	1.64	Thermal Discharging
TWL063	227	'43886104_/_43886106'		1.07	2.77	3.33	0.55	1.5	3.29	1.02 No	0.55	Thermal Discharging
TWL063	228	'6274037_/_6280843'		0.93	2.77	3.33	0.55	0.3	3.33	1.02 No	0.3	Element Fault
TWL063	229	'43885404_/_6278399'		1.03	2.73	3.33	0.55	1.5	3.28	1.02 No	0.55	Thermal Discharging
TWL063	230	'43896128_/_7108195'		2.9	8.2	10	1.64	10	9.26	3.05 No	1.64	Thermal Discharging
TWL063	231	'6278517_/_6278514'		1.03	2.73	3.33	0.55	0.3	3.27	1.02 No	0.3	Element Fault
TWL063	232	'6280485_/_6280482_2'		1	2.77	3.33	0.55	1.1	3.13	1.02 No	0.55	Thermal Discharging
TWL063	233	'6278240_/_43884980'		0.93	2.7	3.33	0.55	0.5	3.27	1.02 No	0.5	Element Fault
TWL063	234	'6331645_/_43896130'		2.8	8.1	10	1.64	10	9.17	3.05 No	1.64	Thermal Discharging
TWL063	235	'6278415_/_6278412'		1.87	5.4	6.67	1.1	1.1	6.67	2.03 No	1.1	Thermal Discharging
TWL063	236	'6278845_/_6278842'		1.03	2.7	3.33	0.55	0.3	3.24	1.02 No	0.3	Element Fault
TWL063	237	'6273217_/_6273227'		1	2.7	3.33	0.55	0.6	3.33	1.02 No	0.55	Thermal Discharging
TWL063	238	'6273766_/_6273763'		0.93	2.7	3.33	0.55	0.5	3.07	1.02 No	0.5	Element Fault
TWL063	239	'43885700_/_6280362'		1.03	2.7	3.33	0.55	0.6	3.11	1.02 No	0.55	Thermal Discharging
TWL063	240	'6331662_/_6331659'		2.8	8	10	1.64	10	9.12	3.05 No	1.64	Thermal Discharging
TWL063	241	'6274814_/_6274824'		0.87	2.67	3.33	0.55	0.5	3.33	1.02 No	0.5	Element Fault
TWL063	242	'6273860_/_6273875'		1.8	5.33	6.67	1.1	1	6.16	2.03 No	1	Element Fault
TWL063	243	'43896141_/_6331676'		2.8	8	10	1.64	10	9.05	3.05 No	1.64	Thermal Discharging
TWL063	244	'8390781_/_8390778_2'		0.9	2.67	3.33	0.55	0.5	3.06	1.02 No	0.5	Element Fault
TWL063	245	'6274209_/_6274206'		1	2.63	3.33	0.55	0.85	3.33	1.02 No	0.55	Thermal Discharging
TWL063	246	'6331696_/_6331693'		2.8	7.9	10	1.64	10	8.98	3.05 No	1.64	Thermal Discharging
TWL063	247	'43885733_/_6280482_1'		1	2.63	3.33	0.55	0.5	3.05	1.02 No	0.5	Element Fault
TWL063	248	'6280242_/_6280239'		1.03	2.63	3.33	0.55	0.5	3.07	1.02 No	0.5	Element Fault

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TWL063	249	'458727212_/_6331727_1'		2.8	7.9	10	1.64	10	8.95	3.05 No	1.64 Thermal Discharging
TWL063	250	'6331730_/_6331727_2'		2.8	7.8	10	1.64	10	8.93	3.05 No	1.64 Thermal Discharging
TWL063	251	'6278530_/_6278527'		1	2.6	3.33	0.55	0.3	3.17	1.02 No	0.3 Element Fault
TWL063	252	'6278308_/_6278321'		1	2.6	3.33	0.55	1.5	3.16	1.02 No	0.55 Thermal Discharging
TWL063	253	'6278174_/_6278172'		0.9	2.6	3.33	0.55	0.5	3.18	1.02 No	0.5 Element Fault
TWL063	254	'6274866_/_6274863'		1	2.6	3.33	0.55	0.5	3.33	1.02 No	0.5 Element Fault
TWL063	255	'6280179_/_6280191'		1.73	5.2	6.67	1.1	1	6.11	2.03 No	1 Element Fault
TWL063	256	'6285817_/_6285815'		1	2.6	3.33	0.55	0.3	3.15	1.02 No	0.3 Element Fault
TWL063	257	'6279546_/_6279543'		1	2.6	3.33	0.55	1.5	3.15	1.02 No	0.55 Thermal Discharging
TWL063	258	'6320505_/_6331744'		2.8	7.8	10	1.64	10	8.87	3.05 No	1.64 Thermal Discharging
TWL063	259	'8704558_/_8704556_1'		2.7	7.7	10	1.64	1.5	8.82	3.05 No	1.5 Element Fault
TWL063	260	'6280284_/_6280294'		1.03	2.57	3.33	0.55	0.5	3.02	1.02 No	0.5 Element Fault
TWL063	261	'6307371_/_6320503'		2.7	7.7	10	1.64	10	8.8	3.05 No	1.64 Thermal Discharging
TWL063	262	'6273204_/_6273214'		0.97	2.57	3.33	0.55	0.6	3.33	1.02 No	0.55 Thermal Discharging
TWL063	263	'43883559_/_43883561'		0.97	2.57	3.33	0.55	0.3	3.12	1.02 No	0.3 Element Fault
TWL063	264	'43883129_/_43883131'		0.93	2.53	3.33	0.55	0.6	3.31	1.02 No	0.55 Thermal Discharging
TWL063	265	'6307372_/_6316514_1'		0.9	2.53	3.33	0.55	0.6	2.92	1.02 No	0.55 Thermal Discharging
TWL063	266	'6278430_/_6278427'		1.73	5.07	6.67	1.1	1.1	6.5	2.03 No	1.1 Thermal Discharging
TWL063	267	'6320523_/_6320520'		2.7	7.6	10	1.64	10	8.7	3.05 No	1.64 Thermal Discharging
TWL063	268	'6273779_/_6273776'		0.93	2.53	3.33	0.55	0.5	2.96	1.02 No	0.5 Element Fault
TWL063	269	'6273516_/_6274034'		0.87	2.5	3.33	0.55	0.3	3.22	1.02 No	0.3 Element Fault
TWL063	270	'6274373_/_6274561'		1	2.5	3.33	0.55	0.85	3.27	1.02 No	0.55 Thermal Discharging
TWL063	271	'6272920_/_6272932'		1.6	5	6.67	1.1	1	6.27	2.03 No	1 Element Fault
TWL063	272	'6280456_/_6280466'		1	2.5	3.33	0.55	0.5	2.96	1.02 No	0.5 Element Fault
TWL063	273	'6320540_/_6320537'		2.7	7.5	10	1.64	10	8.63	3.05 No	1.64 Thermal Discharging
TWL063	274	'8704559_/_8704556_2'		2.7	7.5	10	1.64	1.5	8.69	3.05 No	1.5 Element Fault
TWL063	275	'6280255_/_6280252'		1.03	2.5	3.33	0.55	0.5	2.97	1.02 No	0.5 Element Fault
TWL063	276	'6280378_/_6280375'		1.03	2.5	3.33	0.55	0.6	2.97	1.02 No	0.55 Thermal Discharging
TWL063	277	'101945062_/_101945037_1'		0.9	2.47	3.33	0.55	0.5	2.86	1.02 No	0.5 Element Fault
TWL063	278	'43883208_/_43883210'		0.8	2.47	3.33	0.55	0.5	3.24	1.02 No	0.5 Element Fault
TWL063	279	'119214512_/_6332328_1'		0.9	2.47	3.33	0.55	0.5	2.86	1.02 No	0.5 Element Fault
TWL063	280	'6320557_/_6320554'		2.7	7.4	10	1.64	10	8.56	3.05 No	1.64 Thermal Discharging
TWL063	281	'43885131_/_6278540'		0.93	2.47	3.33	0.55	0.3	3.05	1.02 No	0.3 Element Fault
TWL063	282	'6278253_/_6278250'		0.83	2.47	3.33	0.55	0.5	3.08	1.02 No	0.5 Element Fault
TWL063	283	'451252787_/_6273042'		0.87	2.47	3.33	0.55	0.5	3.06	1.02 No	0.5 Element Fault
TWL063	284	'6278295_/_6278305'		0.93	2.47	3.33	0.55	1.5	3.04	1.02 No	0.55 Thermal Discharging
TWL063	285	'6320574_/_6320571'		2.7	7.4	10	1.64	10	8.5	3.05 No	1.64 Thermal Discharging
TWL063	286	'43885998_/_43886000'		0.93	2.43	3.33	0.55	0.3	3.03	1.02 No	0.3 Element Fault
TWL063	287	'6279559_/_6279556'		0.93	2.43	3.33	0.55	1.5	3.03	1.02 No	0.55 Thermal Discharging
TWL063	288	'6310825_/_6316514_2'		0.87	2.43	3.33	0.55	0.6	2.85	1.02 No	0.55 Thermal Discharging
TWL063	289	'6280178_/_6280176'		1.6	4.87	6.67	1.1	1	5.88	2.03 No	1 Element Fault
TWL063	290	'6320591_/_6320588'		2.6	7.3	10	1.64	10	8.46	3.05 No	1.64 Thermal Discharging
TWL063	291	'6289701_/_6289699'		0.83	2.43	3.33	0.55	0.5	3.05	1.02 No	0.5 Element Fault
TWL063	292	'6278445_/_6278442'		1.67	4.87	6.67	1.1	1.1	6.31	2.03 No	1.1 Thermal Discharging
TWL063	293	'6248385_/_6248382_2'		0.93	2.43	3.33	0.55	0.3	3.02	1.02 No	0.3 Element Fault
TWL063	294	'119214683_/_101945152_1'		0.87	2.43	3.33	0.55	0.5	2.81	1.02 No	0.5 Element Fault
TWL063	295	'101945431_/_6332205_1'		0.87	2.43	3.33	0.55	0.5	2.81	1.02 No	0.5 Element Fault
TWL063	296	'6280443_/_6280453'		1	2.43	3.33	0.55	0.5	2.9	1.02 No	0.5 Element Fault
TWL063	297	'6320608_/_6320605'		2.6	7.2	10	1.64	10	8.39	3.05 No	1.64 Thermal Discharging
TWL063	298	'6279715_/_6280281'		1.03	2.4	3.33	0.55	0.5	2.9	1.02 No	0.5 Element Fault
TWL063	299	'6320625_/_6320622'		2.6	7.2	10	1.64	10	8.34	3.05 No	1.64 Thermal Discharging
TWL063	300	'6273191_/_6273201'		0.9	2.4	3.33	0.55	0.6	3.17	1.02 No	0.55 Thermal Discharging
TWL063	301	'6316529_/_6320639'		2.6	7.1	10	1.64	10	8.3	3.05 No	1.64 Thermal Discharging
TWL063	302	'6307213_/_101945037_2'		0.9	2.37	3.33	0.55	0.5	2.79	1.02 No	0.5 Element Fault
TWL063	303	'101945325_/_101945311_1'		0.87	2.37	3.33	0.55	0.5	2.76	1.02 No	0.5 Element Fault
TWL063	304	'101945439_/_6332231_1'		0.87	2.37	3.33	0.55	0.5	2.76	1.02 No	0.5 Element Fault
TWL063	305	'6274577_/_6274574'		0.97	2.37	3.33	0.55	0.85	3.13	1.02 No	0.55 Thermal Discharging
TWL063	306	'43892602_/_6332328_2'		0.87	2.37	3.33	0.55	0.5	2.78	1.02 No	0.5 Element Fault
TWL063	307	'6278556_/_43885133'		0.9	2.37	3.33	0.55	0.3	2.96	1.02 No	0.3 Element Fault
TWL063	308	'6272919_/_6272917'		1.53	4.73	6.67	1.1	1	6.02	2.03 No	1 Element Fault
TWL063	309	'8390780_/_8390778_1'		0.9	2.37	3.33	0.55	0.3	2.86	1.02 No	0.3 Element Fault
TWL063	310	'6274360_/_6274370'		0.97	2.37	3.33	0.55	0.85	3.13	1.02 No	0.55 Thermal Discharging
TWL063	311	'6279270_/_6279267'		0.8	2.33	3.33	0.55	0.5	2.98	1.02 No	0.5 Element Fault
TWL063	312	'6316530_/_6316527'		2.6	7	10	1.64	10	8.2	3.05 No	1.64 Thermal Discharging
TWL063	313	'43890994_/_101945152_2'		0.87	2.33	3.33	0.55	0.5	2.74	1.02 No	0.5 Element Fault
TWL063	314	'6274386_/_6274383'		0.97	2.33	3.33	0.55	0.85	3.11	1.02 No	0.55 Thermal Discharging
TWL063	315	'43891005_/_101945311_2'		0.87	2.33	3.33	0.55	0.5	2.73	1.02 No	0.5 Element Fault
TWL063	316	'6280430_/_6280440'		1	2.33	3.33	0.55	0.5	2.83	1.02 No	0.5 Element Fault
TWL063	317	'6248384_/_6248382_1'		0.9	2.33	3.33	0.55	0.3	2.93	1.02 No	0.3 Element Fault
TWL063	318	'6316547_/_6316544'		2.5	7	10	1.64	10	8.14	3.05 No	1.64 Thermal Discharging
TWL063	319	'6273477_/_6273487'		0.87	2.33	3.33	0.55	0.6	3.1	1.02 No	0.55 Thermal Discharging
TWL063	320	'6279572_/_6279569'		0.87	2.33	3.33	0.55	1.1	2.92	1.02 No	0.55 Thermal Discharging
TWL063	321	'101945092_/_6332205_2'		0.83	2.3	3.33	0.55	0.5	2.73	1.02 No	0.5 Element Fault
TWL063	322	'101945394_/_6332270_1'		0.83	2.33	3.33	0.55	0.5	2.7	1.02 No	0.5 Element Fault
TWL063	323	'6316564_/_6316561'		2.5	6.9	10	1.64	10	8.09	3.05 No	1.64 Thermal Discharging
TWL063	324	'119214816_/_101945372_1'		0.83	2.3	3.33	0.55	0.5	2.7	1.02 No	0.5 Element Fault
TWL063	325	'6278282_/_6278292'		0.87	2.3	3.33	0.55	1.5	2.9	1.02 No	0.55 Thermal Discharging
TWL063	326	'6316581_/_6316578'		2.5	6.9	10	1.64	10	8.05	3.05 No	1.64 Thermal Discharging
TWL063	327	'43883906_/_6273789'		0.93	2.3	3.33	0.55	0.5	2.78	1.02 No	0.5 Element Fault
TWL063	328	'43892569_/_6310823'		0.83	2.27	3.33	0.55	0.6	2.73	1.02 No	0.55 Thermal Discharging
TWL063	329	'43885711_/_6280388'		1.03	2.27	3.33	0.55	0.6	2.81	1.02 No	0.55 Thermal Discharging
TWL063	330	'6280429_/_6280427'		1	2.27	3.33	0.55	0.5	2.78	1.02 No	0.5 Element Fault
TWL063	331	'43884956_/_6289767'		0.77	2.27	3.33	0.55	0.5	2.9	1.02 No	0.5 Element Fault
TWL063	332	'43885459_/_6279725'		0.87	2.27	3.33	0.55	0.3	2.87	1.02 No	0.3 Element Fault
TWL063	333	'6316598_/_6316595'		2.5	6.8	10	1.64	10	7.98	3.05 No	1.64 Thermal Discharging
TWL063	334	'6278460_/_6278457'		1.53	4.53	6.67	1.1	1.1	6.01	2.03 No	1.1 Thermal Discharging
TWL063	335	'6307200_/_6307210'		0.9	2.27	3.33	0.55	0.5	2.7	1.02 No	0.5 Element Fault
TWL063	336	'6307239_/_6307249'		0.87	2.27	3.33	0.55	0.5	2.68	1.02 No	0.5 Element Fault
TWL063	337	'6280268_/_6280265'		1.03	2.27	3.33	0.55	0.5	2.79	1.02 No	0.5 Element Fault
TWL063	338	'6274359_/_6274357'		0.93	2.27	3.33	0.55	0.85	3.02	1.02 No	0.55 Thermal Discharging
TWL063	339	'6327309_/_6327306'		2.5	6.8	10	1.64	10	7.93	3.05 No	1.64 Thermal Discharging
TWL063	340	'6327263_/_6327421_1'		0.83	2.27	3.33	0.55	0.5	2.65	1.02 No	0.5 Element Fault
TWL063	341	'6279714_/_6279712'		1.03	2.23	3.33	0.55	0.5	2.78	1.02 No	0.5 Element Fault
TWL063	342	'6274590_/_6274587'		0.93	2.23	3.33	0.55	0.85	3.01	1.02 No	0.55 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Over-Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TWL063	343	'6327326_/_6327323'		2.4	6.7	10	1.64	10	7.89	3.05 No	1.64 Thermal Discharging
TWL063	344	'6307307_/_6307317'		0.87	2.23	3.33	0.55	0.5	2.66	1.02 No	0.5 Element Fault
TWL063	345	'69650540_/_43883896'		1.53	4.47	6.67	1.1	1	5.5	2.03 No	1 Element Fault
TWL063	346	'43885415_/_6279582'		0.83	2.23	3.33	0.55	1.1	2.84	1.02 No	0.55 Thermal Discharging
TWL063	347	'6273515_/_6273513'		0.77	2.23	3.33	0.55	0.3	2.95	1.02 No	0.3 Element Fault
TWL063	348	'6280404_/_43885713'		1.03	2.23	3.33	0.55	0.6	2.75	1.02 No	0.55 Thermal Discharging
TWL063	349	'6327275_/_6327340'		2.4	6.7	10	1.64	10	7.84	3.05 No	1.64 Thermal Discharging
TWL063	350	'43892646_/_6311070'		0.8	2.2	3.33	0.55	0.5	2.65	1.02 No	0.5 Element Fault
TWL063	351	'6327360_/_6327357'		2.4	6.6	10	1.64	10	7.8	3.05 No	1.64 Thermal Discharging
TWL063	352	'6273178_/_6273188'		0.83	2.2	3.33	0.55	0.6	2.99	1.02 No	0.55 Thermal Discharging
TWL063	353	'6327276_/_6327288_1'		2.4	6.6	10	1.64	1.7	7.81	3.05 No	1.64 Thermal Discharging
TWL063	354	'6278269_/_6278279'		0.83	2.2	3.33	0.55	1.5	2.82	1.02 No	0.55 Thermal Discharging
TWL063	355	'6307226_/_6307236'		0.87	2.2	3.33	0.55	0.5	2.62	1.02 No	0.5 Element Fault
TWL063	356	'6274399_/_6274396'		0.9	2.2	3.33	0.55	0.85	2.97	1.02 No	0.55 Thermal Discharging
TWL063	357	'6279741_/_6279738'		0.83	2.2	3.33	0.55	0.3	2.81	1.02 No	0.3 Element Fault
TWL063	358	'43892701_/_6332231_2'		0.8	2.2	3.33	0.55	0.5	2.63	1.02 No	0.5 Element Fault
TWL063	359	'6273464_/_6273474'		0.8	2.2	3.33	0.55	0.6	2.97	1.02 No	0.55 Thermal Discharging
TWL063	360	'6327377_/_6327374'		2.4	6.6	10	1.64	10	7.75	3.05 No	1.64 Thermal Discharging
TWL063	361	'6280417_/_6280414'		1.03	2.17	3.33	0.55	0.6	2.7	1.02 No	0.55 Thermal Discharging
TWL063	362	'6307384_/_6327391'		2.4	6.5	10	1.64	10	7.69	3.05 No	1.64 Thermal Discharging
TWL063	363	'6285804_/_6285802'		0.83	2.17	3.33	0.55	0.3	2.79	1.02 No	0.3 Element Fault
TWL063	364	'6310930_/_6310927'		0.77	2.17	3.33	0.55	0.5	2.63	1.02 No	0.5 Element Fault
TWL063	365	'43890983_/_43890985'		0.87	2.17	3.33	0.55	0.5	2.59	1.02 No	0.5 Element Fault
TWL063	366	'43891027_/_101945372_2'		0.83	2.17	3.33	0.55	0.5	2.59	1.02 No	0.5 Element Fault
TWL063	367	'43892723_/_6332270_2'		0.8	2.17	3.33	0.55	0.5	2.59	1.02 No	0.5 Element Fault
TWL063	368	'6320659_/_6320656'		2.3	6.5	10	1.64	10	7.65	3.05 No	1.64 Thermal Discharging
TWL063	369	'6307385_/_6320490_1'		0.8	2.17	3.33	0.55	0.6	2.55	1.02 No	0.55 Thermal Discharging
TWL063	370	'6275117_/_6280830'		0.73	2.17	3.33	0.55	0.3	2.88	1.02 No	0.3 Element Fault
TWL063	371	'6288923_/_6288920'		1.03	2.13	3.33	0.55	0.6	2.67	1.02 No	0.55 Thermal Discharging
TWL063	372	'6279598_/_6279595'		0.83	2.13	3.33	0.55	1.1	2.77	1.02 No	0.55 Thermal Discharging
TWL063	373	'6288181_/_6327288_2'		2.4	6.4	10	1.64	1.7	7.68	3.05 No	1.64 Thermal Discharging
TWL063	374	'6278477_/_6280539'		1.47	4.27	6.67	1.1	1.1	5.77	2.03 No	1.1 Thermal Discharging
TWL063	375	'6320676_/_6320673'		2.3	6.4	10	1.64	10	7.62	3.05 No	1.64 Thermal Discharging
TWL063	376	'43883118_/_43883120'		0.8	2.13	3.33	0.55	0.6	2.92	1.02 No	0.55 Thermal Discharging
TWL063	377	'6273425_/_6273435'		0.8	2.13	3.33	0.55	0.6	2.91	1.02 No	0.55 Thermal Discharging
TWL063	378	'6289770_/_43884958'		0.73	2.13	3.33	0.55	0.5	2.77	1.02 No	0.5 Element Fault
TWL063	379	'6320730_/_6320744'		2.3	6.4	10	1.64	10	7.56	3.05 No	1.64 Thermal Discharging
TWL063	380	'43890972_/_43890974'		0.9	2.13	3.33	0.55	0.5	2.59	1.02 No	0.5 Element Fault
TWL063	381	'6331576_/_7108182'		1.03	2.13	3.33	0.55	0.6	2.64	1.02 No	0.55 Thermal Discharging
TWL063	382	'6310839_/_43892571'		0.77	2.1	3.33	0.55	0.6	2.6	1.02 No	0.55 Thermal Discharging
TWL063	383	'43895358_/_6327421_2'		0.83	2.1	3.33	0.55	0.5	2.54	1.02 No	0.5 Element Fault
TWL063	384	'6279754_/_6279751'		0.8	2.1	3.33	0.55	0.3	2.72	1.02 No	0.3 Element Fault
TWL063	385	'43893309_/_6325423'		2.3	6.3	10	1.64	10	7.51	3.05 No	1.64 Thermal Discharging
TWL063	386	'6247622_/_7107981'		0.87	2.1	3.33	0.55	0.5	2.54	1.02 No	0.5 Element Fault
TWL063	387	'6320713_/_6320727'		2.3	6.3	10	1.64	10	7.5	3.05 No	1.64 Thermal Discharging
TWL063	388	'43885087_/_43885089'		0.8	2.1	3.33	0.55	1.5	2.72	1.02 No	0.55 Thermal Discharging
TWL063	389	'6307294_/_6307304'		0.87	2.1	3.33	0.55	0.5	2.54	1.02 No	0.5 Element Fault
TWL063	390	'6323549_/_43893311'		2.3	6.2	10	1.64	10	7.44	3.05 No	1.64 Thermal Discharging
TWL063	391	'6273451_/_6273461'		0.77	2.07	3.33	0.55	0.6	2.86	1.02 No	0.55 Thermal Discharging
TWL063	392	'6248147_/_6285737'		0.87	2.07	3.33	0.55	0.85	2.84	1.02 No	0.55 Thermal Discharging
TWL063	393	'6273805_/_43883908'		0.93	2.07	3.33	0.55	0.5	2.61	1.02 No	0.5 Element Fault
TWL063	394	'43896106_/_6331574'		1.03	2.07	3.33	0.55	0.6	2.59	1.02 No	0.55 Thermal Discharging
TWL063	395	'43892811_/_6288179'		2.3	6.2	10	1.64	1.7	7.52	3.05 No	1.64 Thermal Discharging
TWL063	396	'6311086_/_6311083'		0.77	2.07	3.33	0.55	0.5	2.55	1.02 No	0.5 Element Fault
TWL063	397	'6279767_/_6279764'		0.77	2.07	3.33	0.55	0.3	2.67	1.02 No	0.3 Element Fault
TWL063	398	'6307186_/_6307184'		0.9	2.07	3.33	0.55	0.5	2.53	1.02 No	0.5 Element Fault
TWL063	399	'344786631_/_344786635'		0.87	2.03	3.33	0.55	0.5	2.49	1.02 No	0.5 Element Fault
TWL063	400	'6331590_/_6331587'		1.03	2.03	3.33	0.55	0.6	2.56	1.02 No	0.55 Thermal Discharging
TWL063	401	'6278478_/_6278475'		1.4	4.07	6.67	1.1	1.1	5.56	2.03 No	1.1 Thermal Discharging
TWL063	402	'6311287_/_6311284'		0.73	2.03	3.33	0.55	0.5	2.51	1.02 No	0.5 Element Fault
TWL063	403	'6310943_/_6310940'		0.73	2.03	3.33	0.55	0.5	2.52	1.02 No	0.5 Element Fault
TWL063	404	'6289783_/_6289780'		0.7	2.03	3.33	0.55	0.5	2.67	1.02 No	0.5 Element Fault
TWL063	405	'6307346_/_6307356'		0.83	2.03	3.33	0.55	0.5	2.49	1.02 No	0.5 Element Fault
TWL063	406	'43885076_/_43885078'		0.77	2.03	3.33	0.55	1.5	2.65	1.02 No	0.55 Thermal Discharging
TWL063	407	'43883950_/_6247619'		0.87	2.03	3.33	0.55	0.5	2.46	1.02 No	0.5 Element Fault
TWL063	408	'43885426_/_6279608'		0.77	2.03	3.33	0.55	1.1	2.64	1.02 No	0.55 Thermal Discharging
TWL063	409	'43892734_/_6287958'		0.73	2	3.33	0.55	0.5	2.47	1.02 No	0.5 Element Fault
TWL063	410	'43892871_/_6320490_2'		0.8	2	3.33	0.55	0.6	2.44	1.02 No	0.55 Thermal Discharging
TWL063	411	'6307281_/_6307291'		0.87	2	3.33	0.55	0.5	2.48	1.02 No	0.5 Element Fault
TWL063	412	'43896117_/_6331600'		1.03	2	3.33	0.55	0.6	2.51	1.02 No	0.55 Thermal Discharging
TWL063	413	'6311352_/_6311349'		2.2	6	10	1.64	1.7	7.35	3.05 No	1.64 Thermal Discharging
TWL063	414	'247604616_/_6275115'		0.7	2	3.33	0.55	0.3	2.73	1.02 No	0.3 Element Fault
TWL063	415	'6274308_/_6274305'		0.7	2	3.33	0.55	0.3	2.73	1.02 No	0.3 Element Fault
TWL063	416	'43885478_/_6279777'		0.77	2	3.33	0.55	0.3	2.61	1.02 No	0.3 Element Fault
TWL063	417	'6248146_/_6248144'		0.83	2	3.33	0.55	0.85	2.74	1.02 No	0.55 Thermal Discharging
TWL063	418	'6273152_/_6273162'		0.73	1.97	3.33	0.55	0.6	2.75	1.02 No	0.55 Thermal Discharging
TWL063	419	'43885976_/_6285750'		0.83	1.97	3.33	0.55	0.85	2.74	1.02 No	0.55 Thermal Discharging
TWL063	420	'6247595_/_6247593'		0.87	1.97	3.33	0.55	0.5	2.42	1.02 No	0.5 Element Fault
TWL063	421	'6273972_/_7107968'		0.9	1.97	3.33	0.55	0.5	2.46	1.02 No	0.5 Element Fault
TWL063	422	'6311099_/_6311096'		0.73	1.97	3.33	0.55	0.5	2.47	1.02 No	0.5 Element Fault
TWL063	423	'6273412_/_6273422'		0.73	1.97	3.33	0.55	0.6	2.74	1.02 No	0.55 Thermal Discharging
TWL063	424	'43892580_/_6310849'		0.73	1.97	3.33	0.55	0.6	2.48	1.02 No	0.55 Thermal Discharging
TWL063	425	'6274411_/_6285724'		0.83	1.97	3.33	0.55	0.85	2.72	1.02 No	0.55 Thermal Discharging
TWL063	426	'6331616_/_43896119'		1.03	1.97	3.33	0.55	0.6	2.47	1.02 No	0.55 Thermal Discharging
TWL063	427	'6288064_/_43895360'		0.83	1.97	3.33	0.55	0.5	2.43	1.02 No	0.5 Element Fault
TWL063	428	'43883184_/_43883186'		0.73	1.97	3.33	0.55	0.6	2.73	1.02 No	0.55 Thermal Discharging
TWL063	429	'6273450_/_6273448'		0.73	1.97	3.33	0.55	0.6	2.72	1.02 No	0.55 Thermal Discharging
TWL063	430	'43883917_/_6273815'		0.93	1.93	3.33	0.55	0.5	2.5	1.02 No	0.5 Element Fault
TWL063	431	'6278491_/_6278488'		1.33	3.87	6.67	1.1	1.1	5.35	2.03 No	1.1 Thermal Discharging
TWL063	432	'247604481_/_247604478'		0.67	1.93	3.33	0.55	0.3	2.66	1.02 No	0.3 Element Fault
TWL063	433	'6289799_/_6289796'		0.67	1.93	3.33	0.55	0.5	2.57	1.02 No	0.5 Element Fault
TWL063	434	'6274011_/_6274021'		0.87	1.93	3.33	0.55	0.5	2.38	1.02 No	0.5 Element Fault
TWL063	435	'6307268_/_6307278'		0.87	1.93	3.33	0.55	0.5	2.41	1.02 No	0.5 Element Fault
TWL063	436	'6279624_/_6279621'		0.73	1.93	3.33	0.55	1.1	2.55	1.02 No	0.55 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TWL063	437	'6311367_/_6311364'	2.1	5.8	10	1.64	1.7	7.17	3.05 No	1.64	Thermal Discharging
TWL063	438	'6287974_/_6287971'	0.7	1.9	3.33	0.55	0.5	2.4	1.02 No	0.5	Element Fault
TWL063	439	'6311300_/_6311297'	0.7	1.9	3.33	0.55	0.5	2.41	1.02 No	0.5	Element Fault
TWL063	440	'6311586_/_6311583'	0.8	1.9	3.33	0.55	0.6	2.37	1.02 No	0.55	Thermal Discharging
TWL063	441	'6307333_/_6307343'	0.83	1.9	3.33	0.55	0.5	2.39	1.02 No	0.5	Element Fault
TWL063	442	'6279793_/_43885472'	0.73	1.9	3.33	0.55	0.3	2.52	1.02 No	0.3	Element Fault
TWL063	443	'43892613_/_6310953'	0.7	1.9	3.33	0.55	0.5	2.41	1.02 No	0.5	Element Fault
TWL063	444	'6273151_/_6273149_2'	0.7	1.9	3.33	0.55	0.6	2.66	1.02 No	0.55	Thermal Discharging
TWL063	445	'344786580_/_344786582'	0.9	1.9	3.33	0.55	0.5	2.38	1.02 No	0.5	Element Fault
TWL063	446	'6273998_/_6274008'	0.87	1.87	3.33	0.55	0.5	2.33	1.02 No	0.5	Element Fault
TWL063	447	'6274602_/_43885978'	0.8	1.87	3.33	0.55	0.85	2.63	1.02 No	0.55	Thermal Discharging
TWL063	448	'43883107_/_6273149_1'	0.7	1.87	3.33	0.55	0.3	2.64	1.02 No	0.3	Element Fault
TWL063	449	'6274412_/_6274409'	0.77	1.87	3.33	0.55	0.85	2.61	1.02 No	0.55	Thermal Discharging
TWL063	450	'43884945_/_6289809'	0.63	1.87	3.33	0.55	0.5	2.5	1.02 No	0.5	Element Fault
TWL063	451	'344786514_/_43883919'	0.93	1.87	3.33	0.55	0.5	2.42	1.02 No	0.5	Element Fault
TWL063	452	'6274321_/_6274318'	0.63	1.87	3.33	0.55	0.3	2.58	1.02 No	0.3	Element Fault
TWL063	453	'6288065_/_6288062'	0.8	1.87	3.33	0.55	0.5	2.34	1.02 No	0.5	Element Fault
TWL063	454	'6279637_/_6279634'	0.7	1.87	3.33	0.55	1.1	2.48	1.02 No	0.55	Thermal Discharging
TWL063	455	'6308994_/_6331629'	1	1.87	3.33	0.55	0.6	2.37	1.02 No	0.55	Thermal Discharging
TWL063	456	'43883983_/_6307265'	0.87	1.83	3.33	0.55	0.5	2.35	1.02 No	0.5	Element Fault
TWL063	457	'43892657_/_6311109'	0.67	1.83	3.33	0.55	0.5	2.36	1.02 No	0.5	Element Fault
TWL063	458	'6310865_/_43892582'	0.67	1.83	3.33	0.55	0.6	2.37	1.02 No	0.55	Thermal Discharging
TWL063	459	'43892823_/_6311379'	2	5.5	10	1.64	1.7	6.97	3.05 No	1.64	Thermal Discharging
TWL063	460	'6273946_/_6273956'	0.9	1.83	3.33	0.55	0.5	2.34	1.02 No	0.5	Element Fault
TWL063	461	'43883939_/_6273995'	0.87	1.83	3.33	0.55	0.5	2.29	1.02 No	0.5	Element Fault
TWL063	462	'6273399_/_6273409'	0.7	1.83	3.33	0.55	0.6	2.59	1.02 No	0.55	Thermal Discharging
TWL063	463	'6279806_/_6279803'	0.7	1.83	3.33	0.55	0.3	2.44	1.02 No	0.3	Element Fault
TWL063	464	'6311599_/_6311596'	0.8	1.8	3.33	0.55	0.6	2.28	1.02 No	0.55	Thermal Discharging
TWL063	465	'6308995_/_6308992'	0.97	1.8	3.33	0.55	0.6	2.33	1.02 No	0.55	Thermal Discharging
TWL063	466	'43883938_/_6273982'	0.87	1.8	3.33	0.55	0.5	2.26	1.02 No	0.5	Element Fault
TWL063	467	'6273136_/_6273292'	0.67	1.8	3.33	0.55	0.3	2.55	1.02 No	0.3	Element Fault
TWL063	468	'43891016_/_6307330'	0.83	1.8	3.33	0.55	0.5	2.3	1.02 No	0.5	Element Fault
TWL063	469	'6289757_/_43884947'	0.6	1.8	3.33	0.55	0.5	2.43	1.02 No	0.5	Element Fault
TWL063	470	'6279650_/_6279647'	0.67	1.8	3.33	0.55	1.1	2.41	1.02 No	0.55	Thermal Discharging
TWL063	471	'43892712_/_6311310'	0.67	1.8	3.33	0.55	0.5	2.3	1.02 No	0.5	Element Fault
TWL063	472	'6273933_/_6273943'	0.9	1.8	3.33	0.55	0.5	2.29	1.02 No	0.5	Element Fault
TWL063	473	'43892745_/_6287984'	0.67	1.8	3.33	0.55	0.5	2.29	1.02 No	0.5	Element Fault
TWL063	474	'344786688_/_344786692'	0.87	1.8	3.33	0.55	0.5	2.3	1.02 No	0.5	Element Fault
TWL063	475	'43885064_/_43885066'	0.67	1.8	3.33	0.55	1.5	2.41	1.02 No	0.55	Thermal Discharging
TWL063	476	'6275163_/_6280817'	0.63	1.8	3.33	0.55	0.3	2.5	1.02 No	0.3	Element Fault
TWL063	477	'6273847_/_6273844'	0.93	1.77	3.33	0.55	0.5	2.34	1.02 No	0.5	Element Fault
TWL063	478	'6310878_/_6310875'	0.67	1.77	3.33	0.55	0.6	2.31	1.02 No	0.55	Thermal Discharging
TWL063	479	'6311397_/_6311394'	2	5.3	10	1.64	1.7	6.79	3.05 No	1.64	Thermal Discharging
TWL063	480	'7441997_/_9647963_1'	0.93	1.77	3.33	0.55	0.3	2.33	1.02 No	0.3	Element Fault
TWL063	481	'6274428_/_6274600'	0.73	1.77	3.33	0.55	0.85	2.5	1.02 No	0.55	Thermal Discharging
TWL063	482	'6288078_/_6288075'	0.77	1.77	3.33	0.55	0.5	2.25	1.02 No	0.5	Element Fault
TWL063	483	'6310969_/_43892615'	0.63	1.77	3.33	0.55	0.5	2.29	1.02 No	0.5	Element Fault
TWL063	484	'9647966_/_9647963_2'	0.93	1.77	3.33	0.55	0.3	2.32	1.02 No	0.3	Element Fault
TWL063	485	'43891736_/_6309005'	0.93	1.73	3.33	0.55	0.6	2.28	1.02 No	0.55	Thermal Discharging
TWL063	486	'43885481_/_6279819'	0.67	1.73	3.33	0.55	0.3	2.36	1.02 No	0.3	Element Fault
TWL063	487	'6247778_/_7108007'	0.83	1.73	3.33	0.55	0.5	2.25	1.02 No	0.5	Element Fault
TWL063	488	'6274334_/_6274331'	0.6	1.73	3.33	0.55	0.3	2.45	1.02 No	0.3	Element Fault
TWL063	489	'43883928_/_6273930'	0.9	1.73	3.33	0.55	0.5	2.24	1.02 No	0.5	Element Fault
TWL063	490	'6311412_/_6311409'	1.9	5.2	10	1.64	1.7	6.69	3.05 No	1.64	Thermal Discharging
TWL063	491	'6311125_/_6311122'	0.63	1.73	3.33	0.55	0.5	2.25	1.02 No	0.5	Element Fault
TWL063	492	'43885437_/_6279660'	0.63	1.7	3.33	0.55	1.1	2.33	1.02 No	0.55	Thermal Discharging
TWL063	493	'43883085_/_43883087'	0.63	1.7	3.33	0.55	0.6	2.44	1.02 No	0.55	Thermal Discharging
TWL063	494	'6288000_/_6287997'	0.63	1.7	3.33	0.55	0.5	2.21	1.02 No	0.5	Element Fault
TWL063	495	'6311326_/_6311323'	0.63	1.7	3.33	0.55	0.5	2.22	1.02 No	0.5	Element Fault
TWL063	496	'43883471_/_6275161'	0.6	1.7	3.33	0.55	0.3	2.4	1.02 No	0.3	Element Fault
TWL063	497	'43890950_/_7107955'	0.9	1.7	3.33	0.55	0.5	2.25	1.02 No	0.5	Element Fault
TWL063	498	'43883972_/_7107994'	0.87	1.7	3.33	0.55	0.5	2.2	1.02 No	0.5	Element Fault
TWL063	499	'43884934_/_43884936'	0.57	1.7	3.33	0.55	0.5	2.32	1.02 No	0.5	Element Fault
TWL063	500	'43883096_/_6273133'	0.63	1.67	3.33	0.55	0.3	2.41	1.02 No	0.3	Element Fault
TWL063	501	'6310982_/_6310979'	0.63	1.67	3.33	0.55	0.5	2.22	1.02 No	0.5	Element Fault
TWL063	502	'43892591_/_6310888'	0.63	1.67	3.33	0.55	0.6	2.22	1.02 No	0.55	Thermal Discharging
TWL063	503	'43892835_/_6311424'	1.9	5	10	1.64	1.7	6.56	3.05 No	1.64	Thermal Discharging
TWL063	504	'6279835_/_6279832'	0.63	1.67	3.33	0.55	0.3	2.29	1.02 No	0.3	Element Fault
TWL063	505	'6274441_/_6274438'	0.7	1.67	3.33	0.55	0.85	2.4	1.02 No	0.55	Thermal Discharging
TWL063	506	'43892778_/_6288088'	0.73	1.67	3.33	0.55	0.5	2.18	1.02 No	0.5	Element Fault
TWL063	507	'6273907_/_6273917'	0.9	1.67	3.33	0.55	0.5	2.18	1.02 No	0.5	Element Fault
TWL063	508	'6309021_/_43891738'	0.9	1.67	3.33	0.55	0.6	2.21	1.02 No	0.55	Thermal Discharging
TWL063	509	'43892915_/_6330950'	0.8	1.67	3.33	0.55	0.6	2.16	1.02 No	0.55	Thermal Discharging
TWL063	510	'6307132_/_43890952'	0.9	1.67	3.33	0.55	0.5	2.22	1.02 No	0.5	Element Fault
TWL063	511	'6274427_/_6274425'	0.7	1.67	3.33	0.55	0.85	2.38	1.02 No	0.55	Thermal Discharging
TWL063	512	'6274616_/_6274613'	0.7	1.67	3.33	0.55	0.85	2.38	1.02 No	0.55	Thermal Discharging
TWL063	513	'6311138_/_6311135'	0.6	1.67	3.33	0.55	0.5	2.18	1.02 No	0.5	Element Fault
TWL063	514	'6247752_/_6247775'	0.83	1.63	3.33	0.55	0.5	2.16	1.02 No	0.5	Element Fault
TWL063	515	'6279676_/_6279673'	0.63	1.63	3.33	0.55	1.1	2.24	1.02 No	0.55	Thermal Discharging
TWL063	516	'6279851_/_6279848'	0.63	1.63	3.33	0.55	0.3	2.24	1.02 No	0.3	Element Fault
TWL063	517	'6310995_/_6310992'	0.6	1.63	3.33	0.55	0.5	2.16	1.02 No	0.5	Element Fault
TWL063	518	'6310904_/_6310901'	0.6	1.63	3.33	0.55	0.6	2.17	1.02 No	0.55	Thermal Discharging
TWL063	519	'6311442_/_6311439'	1.8	4.9	10	1.64	1.7	6.41	3.05 No	1.64	Thermal Discharging
TWL063	520	'6309034_/_6309031'	0.87	1.6	3.33	0.55	0.6	2.16	1.02 No	0.55	Thermal Discharging
TWL063	521	'6307145_/_6307142'	0.87	1.6	3.33	0.55	0.5	2.17	1.02 No	0.5	Element Fault
TWL063	522	'6331899_/_6331896'	0.6	1.6	3.33	0.55	0.5	2.14	1.02 No	0.5	Element Fault
TWL063	523	'6288013_/_6288010'	0.6	1.6	3.33	0.55	0.5	2.12	1.02 No	0.5	Element Fault
TWL063	524	'43892668_/_6311148'	0.6	1.6	3.33	0.55	0.5	2.13	1.02 No	0.5	Element Fault
TWL063	525	'6247661_/_6247671'	0.87	1.6	3.33	0.55	0.5	2.12	1.02 No	0.5	Element Fault
TWL063	526	'6273894_/_6273904'	0.9	1.6	3.33	0.55	0.5	2.11	1.02 No	0.5	Element Fault
TWL063	527	'6274347_/_6274344'	0.57	1.6	3.33	0.55	0.3	2.29	1.02 No	0.3	Element Fault
TWL063	528	'43885052_/_43885054'	0.6	1.6	3.33	0.55	1.5	2.2	1.02 No	0.55	Thermal Discharging
TWL063	529	'6273373_/_6273383'	0.6	1.6	3.33	0.55	0.6	2.32	1.02 No	0.55	Thermal Discharging
TWL063	530	'6288104_/_6288101'	0.7	1.6	3.33	0.55	0.5	2.11	1.02 No	0.5	Element Fault

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TWL063	531	'6330966_/_6330963'	0.8	1.6	3.33	0.55	0.6	2.08	1.02 No	0.55	Thermal Discharging
TWL063	532	'6279689_/_6279686'	0.6	1.6	3.33	0.55	1.1	2.19	1.02 No	0.55	Thermal Discharging
TWL063	533	'6289741_/_6289754'	0.53	1.6	3.33	0.55	0.5	2.21	1.02 No	0.5	Element Fault
TWL063	534	'6274981_/_6274979'	0.53	1.6	3.33	0.55	0.3	2.28	1.02 No	0.3	Element Fault
TWL063	535	'6274629_/_6274626'	0.67	1.6	3.33	0.55	0.85	2.29	1.02 No	0.55	Thermal Discharging
TWL063	536	'6275177_/_43883462'	0.53	1.57	3.33	0.55	0.3	2.27	1.02 No	0.3	Element Fault
TWL063	537	'43885492_/_6279861'	0.6	1.57	3.33	0.55	0.3	2.18	1.02 No	0.3	Element Fault
TWL063	538	'6310917_/_6310914'	0.6	1.57	3.33	0.55	0.6	2.12	1.02 No	0.55	Thermal Discharging
TWL063	539	'6273893_/_6273891'	0.9	1.57	3.33	0.55	0.5	2.08	1.02 No	0.5	Element Fault
TWL063	540	'6311457_/_6311454'	1.8	4.7	10	1.64	1.7	6.26	3.05 No	1.64	Thermal Discharging
TWL063	541	'6273110_/_6273120'	0.6	1.57	3.33	0.55	0.3	2.28	1.02 No	0.3	Element Fault
TWL063	542	'9651016_/_9684046'	0.83	1.57	3.33	0.55	0.3	2.14	1.02 No	0.3	Element Fault
TWL063	543	'43884005_/_6247749'	0.83	1.57	3.33	0.55	0.5	2.08	1.02 No	0.5	Element Fault
TWL063	544	'43890961_/_6307155'	0.83	1.57	3.33	0.55	0.5	2.12	1.02 No	0.5	Element Fault
TWL063	545	'6275189_/_6275362'	0.53	1.57	3.33	0.55	0.3	2.25	1.02 No	0.3	Element Fault
TWL063	546	'85774129_/_7146019'	0.6	1.57	3.33	0.55	1.1	2.16	1.02 No	0.55	Thermal Discharging
TWL063	547	'6311164_/_6311161'	0.57	1.57	3.33	0.55	0.5	2.08	1.02 No	0.5	Element Fault
TWL063	548	'6288117_/_6288114'	0.67	1.53	3.33	0.55	0.5	2.06	1.02 No	0.5	Element Fault
TWL063	549	'43895027_/_6331823'	0.57	1.53	3.33	0.55	0.5	2.08	1.02 No	0.5	Element Fault
TWL063	550	'6274938_/_6274949'	0.67	1.53	3.33	0.55	0.85	2.24	1.02 No	0.55	Thermal Discharging
TWL063	551	'43885448_/_6279699'	0.6	1.53	3.33	0.55	1.1	2.14	1.02 No	0.55	Thermal Discharging
TWL063	552	'6279877_/_6279874'	0.57	1.53	3.33	0.55	0.3	2.13	1.02 No	0.3	Element Fault
TWL063	553	'43892847_/_6311469'	1.7	4.6	10	1.64	1.7	6.16	3.05 No	1.64	Thermal Discharging
TWL063	554	'43892756_/_6288023'	0.57	1.53	3.33	0.55	0.5	2.05	1.02 No	0.5	Element Fault
TWL063	555	'43891747_/_6309044'	0.83	1.53	3.33	0.55	0.6	2.07	1.02 No	0.55	Thermal Discharging
TWL063	556	'6247648_/_6247658'	0.87	1.53	3.33	0.55	0.5	2.05	1.02 No	0.5	Element Fault
TWL063	557	'43896178_/_6331909'	0.57	1.53	3.33	0.55	0.5	2.05	1.02 No	0.5	Element Fault
TWL063	558	'43892882_/_6330976'	0.8	1.53	3.33	0.55	0.6	2.02	1.02 No	0.55	Thermal Discharging
TWL063	559	'6247726_/_6247736'	0.83	1.5	3.33	0.55	0.5	2.04	1.02 No	0.5	Element Fault
TWL063	560	'44694447_/_6307171'	0.8	1.5	3.33	0.55	0.5	2.07	1.02 No	0.5	Element Fault
TWL063	561	'6311177_/_6311174'	0.57	1.5	3.33	0.55	0.5	2.04	1.02 No	0.5	Element Fault
TWL063	562	'6273360_/_6273370'	0.57	1.5	3.33	0.55	0.6	2.21	1.02 No	0.55	Thermal Discharging
TWL063	563	'6273097_/_6273107'	0.57	1.5	3.33	0.55	0.3	2.21	1.02 No	0.3	Element Fault
TWL063	564	'43884923_/_43884925'	0.5	1.5	3.33	0.55	0.5	2.12	1.02 No	0.5	Primary Over-Voltage
TWL063	565	'680338711_/_680338683_1'	0.8	1.5	3.33	0.55	0.5	2.06	1.02 No	0.5	Element Fault
TWL063	566	'6279890_/_6279887'	0.57	1.5	3.33	0.55	0.3	2.08	1.02 No	0.3	Element Fault
TWL063	567	'43896293_/_6332744'	0.57	1.5	3.33	0.55	0.6	2.03	1.02 No	0.55	Thermal Discharging
TWL063	568	'6274453_/_6288656'	0.63	1.47	3.33	0.55	0.85	2.17	1.02 No	0.55	Thermal Discharging
TWL063	569	'6311487_/_43892849'	1.7	4.4	10	1.64	1.7	5.99	3.05 No	1.64	Thermal Discharging
TWL063	570	'43892789_/_6288127'	0.63	1.47	3.33	0.55	0.5	1.99	1.02 No	0.5	Element Fault
TWL063	571	'43883482_/_6275187'	0.5	1.47	3.33	0.55	0.3	2.14	1.02 No	0.3	Element Fault
TWL063	572	'43886268_/_43886270'	0.57	1.47	3.33	0.55	0.3	2.16	1.02 No	0.3	Element Fault
TWL063	573	'6274641_/_6274936'	0.63	1.47	3.33	0.55	0.85	2.15	1.02 No	0.55	Thermal Discharging
TWL063	574	'6331925_/_43896180'	0.53	1.47	3.33	0.55	0.5	1.99	1.02 No	0.5	Element Fault
TWL063	575	'6311193_/_6311190'	0.53	1.47	3.33	0.55	0.5	2	1.02 No	0.5	Element Fault
TWL063	576	'6331839_/_6331836'	0.53	1.47	3.33	0.55	0.5	2	1.02 No	0.5	Element Fault
TWL063	577	'6247713_/_6247723'	0.83	1.47	3.33	0.55	0.5	1.98	1.02 No	0.5	Element Fault
TWL063	578	'6311611_/_6330989'	0.8	1.47	3.33	0.55	0.6	1.96	1.02 No	0.55	Thermal Discharging
TWL063	579	'86723418_/_6274639_1'	0.63	1.47	3.33	0.55	0.5	2.14	1.02 No	0.5	Element Fault
TWL063	580	'6309060_/_6309057'	0.77	1.47	3.33	0.55	0.6	2	1.02 No	0.55	Thermal Discharging
TWL063	581	'6311505_/_6311502'	1.6	4.4	10	1.64	1.7	5.92	3.05 No	1.6	Primary Over-Voltage
TWL063	582	'6288039_/_43892758'	0.53	1.47	3.33	0.55	0.5	1.97	1.02 No	0.5	Element Fault
TWL063	583	'6273347_/_6273357'	0.53	1.47	3.33	0.55	0.6	2.14	1.02 No	0.53	Primary Over-Voltage
TWL063	584	'6332763_/_43896295'	0.53	1.47	3.33	0.55	0.6	1.99	1.02 No	0.53	Primary Over-Voltage
TWL063	585	'43883961_/_43883963'	0.83	1.43	3.33	0.55	0.5	1.97	1.02 No	0.5	Element Fault
TWL063	586	'6289715_/_6289725'	0.5	1.43	3.33	0.55	0.5	2.06	1.02 No	0.5	Primary Over-Voltage
TWL063	587	'6285918_/_6285915'	0.53	1.43	3.33	0.55	0.3	2.03	1.02 No	0.3	Element Fault
TWL063	588	'43892679_/_6311203'	0.53	1.43	3.33	0.55	0.5	1.96	1.02 No	0.5	Element Fault
TWL063	589	'6288143_/_43892791'	0.63	1.43	3.33	0.55	0.5	1.94	1.02 No	0.5	Element Fault
TWL063	590	'6332526_/_6332773'	0.53	1.43	3.33	0.55	0.6	1.96	1.02 No	0.53	Primary Over-Voltage
TWL063	591	'6311520_/_6311517'	1.6	4.3	10	1.64	1.7	5.82	3.05 No	1.6	Primary Over-Voltage
TWL063	592	'6289714_/_6289712'	0.5	1.43	3.33	0.55	0.5	2.02	1.02 No	0.5	Primary Over-Voltage
TWL063	593	'6274454_/_6274451'	0.6	1.4	3.33	0.55	0.85	2.09	1.02 No	0.55	Thermal Discharging
TWL063	594	'6331938_/_6331935'	0.53	1.4	3.33	0.55	0.5	1.94	1.02 No	0.5	Element Fault
TWL063	595	'6326378_/_6326375'	0.77	1.4	3.33	0.55	0.6	1.95	1.02 No	0.55	Thermal Discharging
TWL063	596	'6274642_/_6274639_2'	0.6	1.4	3.33	0.55	0.5	2.08	1.02 No	0.5	Element Fault
TWL063	597	'6311219_/_6311216'	0.53	1.4	3.33	0.55	0.5	1.93	1.02 No	0.5	Element Fault
TWL063	598	'445963140_/_445963096'	0.53	1.4	3.33	0.55	0.6	1.93	1.02 No	0.53	Primary Over-Voltage
TWL063	599	'6285934_/_6285931'	0.53	1.4	3.33	0.55	0.3	1.98	1.02 No	0.3	Element Fault
TWL063	600	'6311612_/_6311609'	0.8	1.4	3.33	0.55	0.6	1.9	1.02 No	0.55	Thermal Discharging
TWL063	601	'6273346_/_6273344'	0.53	1.4	3.33	0.55	0.6	2.07	1.02 No	0.53	Primary Over-Voltage
TWL063	602	'6275190_/_43883484'	0.47	1.4	3.33	0.55	0.3	2.05	1.02 No	0.3	Element Fault
TWL063	603	'6331255_/_7197943'	0.6	1.4	3.33	0.55	0.5	1.91	1.02 No	0.5	Element Fault
TWL063	604	'6311007_/_6331849'	0.5	1.4	3.33	0.55	0.5	1.93	1.02 No	0.5	Primary Over-Voltage
TWL063	605	'6273071_/_6273081'	0.53	1.4	3.33	0.55	0.3	2.06	1.02 No	0.3	Element Fault
TWL063	606	'6331217_/_6331214'	0.5	1.4	3.33	0.55	0.5	1.91	1.02 No	0.5	Primary Over-Voltage
TWL063	607	'43883994_/_6247710'	0.8	1.4	3.33	0.55	0.5	1.91	1.02 No	0.5	Element Fault
TWL063	608	'44693750_/_6247632'	0.8	1.4	3.33	0.55	0.5	1.91	1.02 No	0.5	Element Fault
TWL063	609	'43892859_/_6311532'	1.5	4.2	10	1.64	1.7	5.71	3.05 No	1.5	Primary Over-Voltage
TWL063	610	'6311232_/_6311229'	0.5	1.37	3.33	0.55	0.5	1.9	1.02 No	0.5	Primary Over-Voltage
TWL063	611	'43896027_/_445963142'	0.53	1.37	3.33	0.55	0.6	1.89	1.02 No	0.53	Primary Over-Voltage
TWL063	612	'6274466_/_6274652'	0.57	1.37	3.33	0.55	0.5	2.03	1.02 No	0.5	Element Fault
TWL063	613	'43896049_/_6331948'	0.5	1.37	3.33	0.55	0.5	1.88	1.02 No	0.5	Primary Over-Voltage
TWL063	614	'43892690_/_6311242'	0.5	1.37	3.33	0.55	0.5	1.87	1.02 No	0.5	Primary Over-Voltage
TWL063	615	'6311008_/_6311005'	0.5	1.37	3.33	0.55	0.5	1.88	1.02 No	0.5	Primary Over-Voltage
TWL063	616	'6332539_/_6332537'	0.5	1.37	3.33	0.55	0.6	1.87	1.02 No	0.5	Primary Over-Voltage
TWL063	617	'43891758_/_6326388'	0.73	1.33	3.33	0.55	0.6	1.88	1.02 No	0.55	Thermal Discharging
TWL063	618	'6311625_/_6311622'	0.77	1.33	3.33	0.55	0.6	1.84	1.02 No	0.55	Thermal Discharging
TWL063	619	'6311550_/_43892861'	1.5	4	10	1.64	1.7	5.57	3.05 No	1.5	Primary Over-Voltage
TWL063	620	'6311261_/_6311258'	0.5	1.33	3.33	0.55	0.5	1.84	1.02 No	0.5	Primary Over-Voltage
TWL063	621	'43883993_/_6247697'	0.73	1.33	3.33	0.55	0.5	1.84	1.02 No	0.5	Element Fault
TWL063	622	'6273058_/_6273068'	0.5	1.33	3.33	0.55	0.3	1.97	1.02 No	0.3	Element Fault
TWL063	623	'43896236_/_6332127'	0.5	1.33	3.33	0.55	0.5	1.83	1.02 No	0.5	Primary Over-Voltage
TWL063	624	'6274467_/_6274464'	0.57	1.33	3.33	0.55	0.5	1.96	1.02 No	0.5	Element Fault

Feeder Name	Feeder ID	Node	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
									VSR (MW)	Limiting Threshold
TWL063	625	'6331162_/_6331159'	0.5	1.3	3.33	0.55	0.5	1.84	1.02 No	0.5 Primary Over-Voltage
TWL063	626	'43896071_/_6331253'	0.57	1.3	3.33	0.55	0.5	1.82	1.02 No	0.5 Element Fault
TWL063	627	'6311568_/_6311565'	1.5	3.9	10	1.64	1.7	5.47	3.05 No	1.5 Primary Over-Voltage
TWL063	628	'6274668_/_6274665'	0.57	1.3	3.33	0.55	0.5	1.95	1.02 No	0.5 Element Fault
TWL063	629	'6311021_/_6311018'	0.5	1.3	3.33	0.55	0.5	1.83	1.02 No	0.5 Primary Over-Voltage
TWL063	630	'6309073_/_6309070'	0.7	1.3	3.33	0.55	0.6	1.83	1.02 No	0.55 Thermal Discharging
TWL063	631	'43892893_/_6326857'	0.77	1.3	3.33	0.55	0.6	1.79	1.02 No	0.55 Thermal Discharging
TWL063	632	'6332143_/_6332140'	0.47	1.3	3.33	0.55	0.5	1.8	1.02 No	0.47 Primary Over-Voltage
TWL063	633	'43893011_/_6311271'	0.47	1.3	3.33	0.55	0.5	1.79	1.02 No	0.47 Primary Over-Voltage
TWL063	634	'43893088_/_6329961'	1.4	3.8	10	1.64	1.7	5.38	3.05 No	1.4 Primary Over-Voltage
TWL063	635	'6273308_/_6273055'	0.5	1.27	3.33	0.55	0.3	1.92	1.02 No	0.3 Element Fault
TWL063	636	'6331175_/_6331172'	0.47	1.27	3.33	0.55	0.5	1.79	1.02 No	0.47 Primary Over-Voltage
TWL063	637	'6331269_/_6331266'	0.57	1.27	3.33	0.55	0.5	1.78	1.02 No	0.5 Element Fault
TWL063	638	'6274681_/_6274678'	0.53	1.27	3.33	0.55	0.5	1.9	1.02 No	0.5 Element Fault
TWL063	639	'6312028_/_6312025'	0.47	1.27	3.33	0.55	0.5	1.77	1.02 No	0.47 Primary Over-Voltage
TWL063	640	'6274480_/_6274477'	0.53	1.27	3.33	0.55	0.5	1.9	1.02 No	0.5 Element Fault
TWL063	641	'6311034_/_6311031'	0.47	1.27	3.33	0.55	0.5	1.78	1.02 No	0.47 Primary Over-Voltage
TWL063	642	'6329979_/_6329976'	1.4	3.8	10	1.64	1.7	5.31	3.05 No	1.4 Primary Over-Voltage
TWL063	643	'6274493_/_6274691'	0.53	1.23	3.33	0.55	0.5	1.87	1.02 No	0.5 Element Fault
TWL063	644	'43891769_/_6309083'	0.67	1.23	3.33	0.55	0.6	1.77	1.02 No	0.55 Thermal Discharging
TWL063	645	'6329949_/_6329991'	1.4	3.7	10	1.64	1.7	5.28	3.05 No	1.4 Primary Over-Voltage
TWL063	646	'6331229_/_6332153'	0.47	1.23	3.33	0.55	0.5	1.75	1.02 No	0.47 Primary Over-Voltage
TWL063	647	'6311650_/_6326870'	0.73	1.23	3.33	0.55	0.6	1.74	1.02 No	0.55 Thermal Discharging
TWL063	648	'6273032_/_6273305'	0.47	1.23	3.33	0.55	0.3	1.86	1.02 No	0.3 Element Fault
TWL063	649	'43896060_/_6331188'	0.47	1.23	3.33	0.55	0.5	1.74	1.02 No	0.47 Primary Over-Voltage
TWL063	650	'6312041_/_6312038'	0.47	1.23	3.33	0.55	0.5	1.72	1.02 No	0.47 Primary Over-Voltage
TWL063	651	'6273320_/_6273318'	0.47	1.23	3.33	0.55	0.3	1.85	1.02 No	0.3 Element Fault
TWL063	652	'43895814_/_6332828'	0.93	2.47	6.67	1.1	1.13	3.45	2.03 No	0.93 Primary Over-Voltage
TWL063	653	'6332104_/_6332101'	0.53	1.2	3.33	0.55	0.5	1.72	1.02 No	0.5 Element Fault
TWL063	654	'6274492_/_6274490'	0.53	1.2	3.33	0.55	0.5	1.83	1.02 No	0.5 Element Fault
TWL063	655	'6274522_/_6274707'	0.5	1.2	3.33	0.55	0.5	1.82	1.02 No	0.5 Primary Over-Voltage
TWL063	656	'43892624_/_6311044'	0.43	1.2	3.33	0.55	0.5	1.72	1.02 No	0.43 Primary Over-Voltage
TWL063	657	'43892767_/_6331227'	0.43	1.2	3.33	0.55	0.5	1.7	1.02 No	0.43 Primary Over-Voltage
TWL063	658	'6311338_/_6331201'	0.47	1.2	3.33	0.55	0.5	1.7	1.02 No	0.47 Primary Over-Voltage
TWL063	659	'43892904_/_6311648'	0.7	1.2	3.33	0.55	0.6	1.69	1.02 No	0.55 Thermal Discharging
TWL063	660	'43891774_/_43891771'	0.63	1.2	3.33	0.55	0.6	1.71	1.02 No	0.55 Thermal Discharging
TWL063	661	'69650489_/_43883030'	0.47	1.2	3.33	0.55	0.3	1.8	1.02 No	0.3 Element Fault
TWL063	662	'6329934_/_6329946'	1.3	3.6	10	1.64	1.7	5.1	3.05 No	1.3 Primary Over-Voltage
TWL063	663	'43885816_/_6281820'	0.47	1.2	3.33	0.55	0.3	1.8	1.02 No	0.3 Element Fault
TWL063	664	'6330008_/_6332843'	0.93	2.4	6.67	1.1	1.13	3.38	2.03 No	0.93 Primary Over-Voltage
TWL063	665	'6274723_/_6274720'	0.5	1.17	3.33	0.55	0.5	1.78	1.02 No	0.5 Primary Over-Voltage
TWL063	666	'43892800_/_63322114'	0.53	1.17	3.33	0.55	0.5	1.68	1.02 No	0.5 Element Fault
TWL063	667	'6274521_/_6274519'	0.5	1.17	3.33	0.55	0.5	1.78	1.02 No	0.5 Primary Over-Voltage
TWL063	668	'6311638_/_6311635'	0.7	1.17	3.33	0.55	0.6	1.66	1.02 No	0.55 Thermal Discharging
TWL063	669	'6274509_/_6274506'	0.5	1.17	3.33	0.55	0.5	1.78	1.02 No	0.5 Primary Over-Voltage
TWL063	670	'43893022_/_6312054'	0.43	1.17	3.33	0.55	0.5	1.66	1.02 No	0.43 Primary Over-Voltage
TWL063	671	'6288051_/_6331240'	0.43	1.17	3.33	0.55	0.5	1.67	1.02 No	0.43 Primary Over-Voltage
TWL063	672	'6274736_/_6274733'	0.5	1.17	3.33	0.55	0.5	1.77	1.02 No	0.5 Primary Over-Voltage
TWL063	673	'6287947_/_6311336'	0.43	1.17	3.33	0.55	0.5	1.67	1.02 No	0.43 Primary Over-Voltage
TWL063	674	'6311060_/_6311057'	0.43	1.17	3.33	0.55	0.5	1.67	1.02 No	0.43 Primary Over-Voltage
TWL063	675	'6288155_/_6331279'	0.5	1.17	3.33	0.55	0.5	1.65	1.02 No	0.5 Primary Over-Voltage
TWL063	676	'43893055_/_6287945'	0.43	1.17	3.33	0.55	0.5	1.65	1.02 No	0.43 Primary Over-Voltage
TWL063	677	'6330009_/_6330006'	0.93	2.27	6.67	1.1	1.13	3.29	2.03 No	0.93 Primary Over-Voltage
TWL063	678	'6274535_/_6274532'	0.5	1.13	3.33	0.55	0.5	1.74	1.02 No	0.5 Primary Over-Voltage
TWL063	679	'6311664_/_6311661'	0.67	1.13	3.33	0.55	0.6	1.62	1.02 No	0.55 Thermal Discharging
TWL063	680	'6274749_/_6274746'	0.5	1.13	3.33	0.55	0.5	1.73	1.02 No	0.5 Primary Over-Voltage
TWL063	681	'6288052_/_6288049'	0.43	1.13	3.33	0.55	0.5	1.64	1.02 No	0.43 Primary Over-Voltage
TWL063	682	'6288156_/_6288153'	0.5	1.13	3.33	0.55	0.5	1.63	1.02 No	0.5 Primary Over-Voltage
TWL063	683	'6311871_/_6311868'	0.43	1.13	3.33	0.55	0.5	1.64	1.02 No	0.43 Primary Over-Voltage
TWL063	684	'6330024_/_6330021'	0.93	2.27	6.67	1.1	1.13	3.26	2.03 No	0.93 Primary Over-Voltage
TWL063	685	'6281546_/_43885818'	0.43	1.13	3.33	0.55	0.3	1.73	1.02 No	0.3 Element Fault
TWL063	686	'6312070_/_6312067'	0.43	1.13	3.33	0.55	0.5	1.62	1.02 No	0.43 Primary Over-Voltage
TWL063	687	'6312216_/_6312213'	0.43	1.13	3.33	0.55	0.5	1.62	1.02 No	0.43 Primary Over-Voltage
TWL063	688	'6331099_/_6331096'	0.67	1.13	3.33	0.55	0.6	1.6	1.02 No	0.55 Thermal Discharging
TWL063	689	'6329718_/_6329931'	1.3	3.4	10	1.64	1.7	4.88	3.05 No	1.3 Primary Over-Voltage
TWL063	690	'43883334_/_6274759'	0.47	1.13	3.33	0.55	0.5	1.7	1.02 No	0.47 Primary Over-Voltage
TWL063	691	'455470385_/_133041188_2_1'	0.43	1.13	3.33	0.55	0.57	1.62	1.02 No	0.43 Primary Over-Voltage
TWL063	692	'133042674_/_133041188_1_1'	0.43	1.1	3.33	0.55	0.3	1.61	1.02 No	0.3 Element Fault
TWL063	693	'43896282_/_6332498'	0.4	1.1	3.33	0.55	0.5	1.6	1.02 No	0.4 Primary Over-Voltage
TWL063	694	'6288169_/_6288166'	0.5	1.1	3.33	0.55	0.5	1.59	1.02 No	0.5 Primary Over-Voltage
TWL063	695	'6311884_/_6311881'	0.4	1.1	3.33	0.55	0.5	1.61	1.02 No	0.4 Primary Over-Voltage
TWL063	696	'455470143_/_6312226_1_1'	0.4	1.07	3.33	0.55	0.57	1.59	1.02 No	0.4 Primary Over-Voltage
TWL063	697	'6312083_/_6312080'	0.4	1.1	3.33	0.55	0.5	1.59	1.02 No	0.4 Primary Over-Voltage
TWL063	698	'6329445_/_6329442'	0.4	1.1	3.33	0.55	0.5	1.59	1.02 No	0.4 Primary Over-Voltage
TWL063	699	'6274775_/_6274772'	0.47	1.1	3.33	0.55	0.5	1.67	1.02 No	0.47 Primary Over-Voltage
TWL063	700	'6274548_/_6274545'	0.47	1.1	3.33	0.55	0.5	1.68	1.02 No	0.47 Primary Over-Voltage
TWL063	701	'43896038_/_6331109'	0.63	1.1	3.33	0.55	0.6	1.57	1.02 No	0.55 Thermal Discharging
TWL063	702	'455470214_/_455470212_1'	1.3	3.3	10	1.64	1.7	4.77	3.05 No	1.3 Primary Over-Voltage
TWL063	703	'119214827_/_43896284_1_1'	0.4	1	3.33	0.55	0.57	1.58	1.02 No	0.4 Primary Over-Voltage
TWL063	704	'133042673_/_133041201'	0.43	1.1	3.33	0.55	0.3	1.58	1.02 No	0.3 Element Fault
TWL063	705	'43885904_/_6281544'	0.4	1.1	3.33	0.55	0.3	1.66	1.02 No	0.3 Element Fault
TWL063	706	'6311897_/_6311894'	0.4	1.07	3.33	0.55	0.5	1.58	1.02 No	0.4 Primary Over-Voltage
TWL063	707	'6329738_/_6329736_2_1'	0.43	1.07	3.33	0.55	0.3	1.57	1.02 No	0.3 Element Fault
TWL063	708	'133041391_/_133041388'	0.63	1.07	3.33	0.55	0.6	1.54	1.02 No	0.55 Thermal Discharging
TWL063	709	'43883288_/_6274785'	0.47	1.07	3.33	0.55	0.5	1.64	1.02 No	0.47 Primary Over-Voltage
TWL063	710	'43893033_/_6312093'	0.4	1.07	3.33	0.55	0.5	1.55	1.02 No	0.4 Primary Over-Voltage
TWL063	711	'455469966_/_460589263'	1.2	3.2	10	1.64	1.7	4.7	3.05 No	1.2 Primary Over-Voltage
TWL063	712	'43895724_/_6329455'	0.4	1.07	3.33	0.55	0.5	1.55	1.02 No	0.4 Primary Over-Voltage
TWL063	713	'6329898_/_6329916'	1.2	3.2	10	1.64	1.7	4.67	3.05 No	1.2 Primary Over-Voltage
TWL063	714	'6329739_/_6329736_1_1'	0.43	1.07	3.33	0.55	0.3	1.54	1.02 No	0.3 Element Fault
TWL063	715	'133041404_/_133041401'	0.63	1.07	3.33	0.55	0.6	1.52	1.02 No	0.55 Thermal Discharging
TWL063	716	'45284655_/_6281531'	0.4	1.07	3.33	0.55	0.3	1.62	1.02 No	0.3 Element Fault
TWL063	717	'44694689_/_6312106'	0.4	1.07	3.33	0.55	0.5	1.52	1.02 No	0.4 Primary Over-Voltage
TWL063	718	'43886603_/_43883290'	0.43	1.03	3.33	0.55	0.5	1.6	1.02 No	0.43 Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TWL063	719	'6311910_/_6311907'	0.4	1.03	3.33	0.55	0.5	1.53	1.02 No	0.4	Primary Over-Voltage
TWL063	720	'6329471_/_43895726'	0.4	1.03	3.33	0.55	0.5	1.51	1.02 No	0.4	Primary Over-Voltage
TWL063	721	'133041417_/_133041414'	0.6	1.03	3.33	0.55	0.6	1.5	1.02 No	0.55	Thermal Discharging
TWL063	722	'6330497_/_6330494'	0.6	1.03	3.33	0.55	0.6	1.49	1.02 No	0.55	Thermal Discharging
TWL063	723	'6332815_/_6332812'	0.4	1.03	3.33	0.55	0.5	1.5	1.02 No	0.4	Primary Over-Voltage
TWL063	724	'6329562_/_6329895'	1.1	3.1	10	1.64	1.7	4.53	3.05 No	1.1	Primary Over-Voltage
TWL063	725	'43895792_/_6329749'	0.43	1.03	3.33	0.55	0.3	1.5	1.02 No	0.3	Element Fault
TWL063	726	'6289617_/_43886605'	0.43	1.03	3.33	0.55	0.5	1.56	1.02 No	0.43	Primary Over-Voltage
TWL063	727	'6330510_/_6330507'	0.6	1	3.33	0.55	0.6	1.47	1.02 No	0.55	Thermal Discharging
TWL063	728	'43892965_/_6331424'	0.37	1	3.33	0.55	0.5	1.49	1.02 No	0.37	Primary Over-Voltage
TWL063	729	'43895977_/_6330627'	0.57	1	3.33	0.55	0.6	1.45	1.02 No	0.55	Thermal Discharging
TWL063	730	'43893066_/_6329559'	0.37	1	3.33	0.55	0.57	1.47	1.02 No	0.37	Primary Over-Voltage
TWL063	731	'43895746_/_6329572'	1.1	3	10	1.64	1.7	4.39	3.05 No	1.1	Primary Over-Voltage
TWL063	732	'6311923_/_6311920'	0.37	1	3.33	0.55	0.5	1.46	1.02 No	0.37	Primary Over-Voltage
TWL063	733	'6330617_/_6330614'	0.57	0.97	3.33	0.55	0.6	1.42	1.02 No	0.55	Thermal Discharging
TWL063	734	'6311936_/_6311933'	0.37	0.97	3.33	0.55	0.5	1.44	1.02 No	0.37	Primary Over-Voltage
TWL063	735	'6329593_/_6329590'	1.1	2.9	10	1.64	1.7	4.32	3.05 No	1.1	Primary Over-Voltage
TWL063	736	'6311952_/_6311949'	0.37	0.97	3.33	0.55	0.5	1.42	1.02 No	0.37	Primary Over-Voltage
TWL063	737	'6329608_/_6329605'	1.1	2.8	10	1.64	1.7	4.26	3.05 No	1.1	Primary Over-Voltage
TWL063	738	'6329623_/_6329620'	1.1	2.8	10	1.64	1.7	4.16	3.05 No	1.1	Primary Over-Voltage
TWL063	739	'69650526_/_6329635'	1.1	2.7	10	1.64	1.7	4.1	3.05 No	1.1	Primary Over-Voltage
TWL064	0	'TWL064_/_7478350_1'	10	10	10	1.62	10	10	10 No	1.62	Thermal Discharging
TWL064	1	'7478352_/_7478350_1'	10	10	10	1.62	10	10	3.74 No	1.62	Thermal Discharging
TWL064	2	'43792891_/_7478350_2'	10	10	10	1.62	10	10	3.74 No	1.62	Thermal Discharging
TWL064	3	'5835516_/_43792893'	10	10	10	1.62	10	10	3.74 No	1.62	Thermal Discharging
TWL064	4	'5835533_/_5835531'	10	10	10	1.62	10	10	3.74 No	1.62	Thermal Discharging
TWL064	5	'5828852_/_5835514'	10	10	10	1.62	10	10	3.74 No	1.62	Thermal Discharging
TWL064	6	'43784355_/_7102155'	10	10	10	1.62	10	10	3.74 No	1.62	Thermal Discharging
TWL064	7	'5797390_/_5797388_2'	10	10	10	1.62	10	10	3.74 No	1.62	Thermal Discharging
TWL064	8	'55710590_/_5797388_1'	10	10	10	1.62	1.5	10	3.74 No	1.5	Element Fault
TWL064	9	'43784618_/_43784620'	10	10	10	1.62	10	10	3.74 No	1.62	Thermal Discharging
TWL064	10	'5828853_/_5828850'	10	10	10	1.62	10	10	3.74 No	1.62	Thermal Discharging
TWL064	11	'55711465_/_5828867'	10	10	10	1.62	2.5	10	3.74 No	1.62	Thermal Discharging
TWL064	12	'49207037_/_55710691_1'	10	10	10	1.62	10	10	3.74 No	1.62	Thermal Discharging
TWL064	13	'43792029_/_5829301'	10	10	10	1.62	1.5	10	3.74 No	1.5	Element Fault
TWL064	14	'8677213_/_8677210'	10	10	10	1.62	10	10	3.74 No	1.62	Thermal Discharging
TWL064	15	'55711450_/_5830079'	10	10	10	1.62	10	10	3.74 No	1.62	Thermal Discharging
TWL064	16	'55711442_/_5829341'	10	10	10	1.62	10	10	3.74 No	1.62	Thermal Discharging
TWL064	17	'55711425_/_43792005'	10	10	10	1.62	10	10	3.74 No	1.62	Thermal Discharging
TWL064	18	'55711424_/_5829284'	10	10	10	1.62	10	10	3.74 No	1.62	Thermal Discharging
TWL064	19	'383838753_/_383838755'	10	10	10	1.62	10	10	3.74 No	1.62	Thermal Discharging
TWL064	20	'5829253_/_5829267'	10	10	10	1.62	2.5	10	3.74 No	1.62	Thermal Discharging
TWL064	21	'55710719_/_55710691_2'	10	10	10	1.62	10	10	3.74 No	1.62	Thermal Discharging
TWL064	22	'383838804_/_383838806'	10	10	10	1.62	10	10	3.74 No	1.62	Thermal Discharging
TWL064	23	'5829236_/_5829250'	10	10	10	1.62	1.5	10	3.74 No	1.5	Element Fault
TWL064	24	'396541048_/_396541016_1'	10	10	10	1.62	10	10	3.74 No	1.62	Thermal Discharging
TWL064	25	'5822060_/_5829233'	10	10	10	1.62	10	10	3.74 No	1.62	Thermal Discharging
TWL064	26	'5829202_/_5829216'	3.33	3.33	3.33	0.54	1.2	3.33	1.25 No	0.54	Thermal Discharging
TWL064	27	'5822061_/_43792515_2'	10	10	10	1.62	10	10	3.74 No	1.62	Thermal Discharging
TWL064	28	'5822021_/_5829199'	9.9	10	10	1.62	10	10	3.74 No	1.62	Thermal Discharging
TWL064	29	'5829168_/_5829182'	9.6	10	10	1.62	10	10	3.74 No	1.62	Thermal Discharging
TWL064	30	'5829151_/_5829165'	3.33	3.33	3.33	0.54	0.5	3.33	1.25 No	0.5	Element Fault
TWL064	31	'5822022_/_5822203_1'	9.2	10	10	1.62	10	10	3.74 No	1.62	Thermal Discharging
TWL064	32	'5829131_/_5829148'	3.27	3.33	3.33	0.54	0.5	3.33	1.25 No	0.5	Element Fault
TWL064	33	'5822035_/_5822203_2'	8.6	10	10	1.62	2.5	10	3.74 No	1.62	Thermal Discharging
TWL064	34	'55710749_/_55710721'	8.8	10	10	1.62	10	10	3.74 No	1.62	Thermal Discharging
TWL064	35	'5822009_/_5829128'	2.77	3.33	3.33	0.54	0.83	3.33	1.25 No	0.54	Thermal Discharging
TWL064	36	'7102141_/_7102139'	8.6	10	10	1.62	10	10	3.74 No	1.62	Thermal Discharging
TWL064	37	'5829363_/_5829378'	2.93	3.33	3.33	0.54	1.2	3.33	1.25 No	0.54	Thermal Discharging
TWL064	38	'5832922_/_43791994_2'	8.4	10	10	1.62	10	10	3.74 No	1.62	Thermal Discharging
TWL064	39	'5829364_/_5829361'	7.7	10	10	1.62	2.5	10	3.74 No	1.62	Thermal Discharging
TWL064	40	'5774632_/_55710751'	8	10	10	1.62	10	10	3.74 No	1.62	Thermal Discharging
TWL064	41	'43791932_/_5829398'	7.5	10	10	1.62	1.7	10	3.74 No	1.62	Thermal Discharging
TWL064	42	'55710844_/_55710822_1'	7.7	10	10	1.62	1.5	10	3.74 No	1.5	Element Fault
TWL064	43	'396540997_/_396541016_2'	7.7	10	10	1.62	10	10	3.74 No	1.62	Thermal Discharging
TWL064	44	'43791946_/_43791934'	2.73	3.33	3.33	0.54	0.5	3.33	1.25 No	0.5	Element Fault
TWL064	45	'43792825_/_5822203_3'	2.47	3.33	3.33	0.54	0.5	3.33	1.25 No	0.5	Element Fault
TWL064	46	'5836077_/_43792515_1'	7.5	10	10	1.62	10	10	3.74 No	1.62	Thermal Discharging
TWL064	47	'5822078_/_5829418'	2.5	3.33	3.33	0.54	0.5	3.33	1.25 No	0.5	Element Fault
TWL064	48	'5822079_/_5822089_1'	7.3	10	10	1.62	10	10	3.74 No	1.62	Thermal Discharging
TWL064	49	'5829438_/_5829435'	2.57	3.33	3.33	0.54	0.5	3.33	1.25 No	0.5	Element Fault
TWL064	50	'5822047_/_5822045'	7.2	10	10	1.62	10	10	3.74 No	1.62	Thermal Discharging
TWL064	51	'5829455_/_5829452'	6.8	10	10	1.62	1.7	10	3.74 No	1.62	Thermal Discharging
TWL064	52	'5791823_/_55710822_2'	6.8	10	10	1.62	10	10	3.74 No	1.62	Thermal Discharging
TWL064	53	'5829475_/_5829472'	6.8	10	10	1.62	1.5	10	3.74 No	1.5	Element Fault
TWL064	54	'8054351_/_8054349_1'	2.5	3.33	3.33	0.54	0.5	3.33	1.25 No	0.5	Element Fault
TWL064	55	'5822092_/_5822089_2'	6.4	10	10	1.62	2.5	10	3.74 No	1.62	Thermal Discharging
TWL064	56	'5784522_/_5784519'	2.43	3.33	3.33	0.54	0.5	3.33	1.25 No	0.5	Element Fault
TWL064	57	'43791992_/_43791994_1'	6.6	10	10	1.62	10	10	3.74 No	1.62	Thermal Discharging
TWL064	58	'5829495_/_5829492'	6.5	10	10	1.62	5.4	10	3.74 No	1.62	Thermal Discharging
TWL064	59	'7416924_/_7416921_2'	6.1	10	10	1.62	2.5	10	3.74 No	1.62	Thermal Discharging
TWL064	60	'5774633_/_5774630'	6	10	10	1.62	1.3	10	3.74 No	1.3	Element Fault
TWL064	61	'7415598_/_7415615'	6.2	10	10	1.62	1.5	10	3.74 No	1.5	Element Fault
TWL064	62	'5835203_/_43792827'	2.2	3.33	3.33	0.54	0.5	3.33	1.25 No	0.5	Element Fault
TWL064	63	'5830207_/_5830204_1'	6.2	10	10	1.62	10	10	3.74 No	1.62	Thermal Discharging
TWL064	64	'52468145_/_5830204_2'	6.2	10	10	1.62	10	10	3.74 No	1.62	Thermal Discharging
TWL064	65	'7416923_/_7416921_1'	1.97	3.33	3.33	0.54	0.5	3.33	1.25 No	0.5	Element Fault
TWL064	66	'5830302_/_5830299'	2	3.33	3.33	0.54	0.9	3.33	1.25 No	0.54	Thermal Discharging
TWL064	67	'8054352_/_8054349_2'	5.5	10	10	1.62	1.5	10	3.74 No	1.5	Element Fault
TWL064	68	'5821996_/_5822006'	1.9	3.33	3.33	0.54	0.5	3.33	1.25 No	0.5	Element Fault
TWL064	69	'8996851_/_8996849_2'	5	10	10	1.62	1.3	10	3.74 No	1.3	Element Fault
TWL064	70	'5836412_/_8996849_1'	1.9	3.33	3.33	0.54	0.5	3.33	1.25 No	0.5	Element Fault
TWL064	71	'7415597_/_7415595'	5	10	10	1.62	1.3	10	3.74 No	1.3	Element Fault
TWL064	72	'5835187_/_5835201'	4.8	10	10	1.62	1.3	10	3.74 No	1.3	Element Fault

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TWL064	73	'5836527_/_5836541'		1.6	3.33	3.33	0.54	0.43	3.33	1.25 No	0.43 Element Fault
TWL064	74	'5836413_/_5836423_1'		4.8	10	10	1.62	1.3	10	3.74 No	1.3 Element Fault
TWL064	75	'5836465_/_5836524'		4.8	10	10	1.62	1.3	10	3.74 No	1.3 Element Fault
TWL064	76	'5832921_/_5832919'		4.9	10	10	1.62	1.5	10	3.74 No	1.5 Element Fault
TWL064	77	'37934942_/_8052755'		1.8	3.33	3.33	0.54	0.9	3.33	1.25 No	0.54 Thermal Discharging
TWL064	78	'37934921_/_37934946'		1.8	3.33	3.33	0.54	0.5	3.33	1.25 No	0.5 Element Fault
TWL064	79	'37934914_/_37934918'		1.7	3.33	3.33	0.54	0.5	3.33	1.25 No	0.5 Element Fault
TWL064	80	'37934928_/_37934925'		4.4	10	10	1.62	1.3	10	3.74 No	1.3 Element Fault
TWL064	81	'404572594_/_404572591'		1.47	3.33	3.33	0.54	0.4	3.33	1.25 No	0.4 Element Fault
TWL064	82	'5805482_/_5836507'		1.43	3.33	3.33	0.54	0.4	3.33	1.25 No	0.4 Element Fault
TWL064	83	'5836452_/_5836449_2'		1.53	3.33	3.33	0.54	0.5	3.33	1.25 No	0.5 Element Fault
TWL064	84	'5805483_/_5805495_1'		4	10	10	1.62	1.3	10	3.74 No	1.3 Element Fault
TWL064	85	'5805578_/_5836423_2'		1.5	3.33	3.33	0.54	0.5	3.33	1.25 No	0.5 Element Fault
TWL064	86	'5805704_/_5826526'		4	10	10	1.62	1.3	10	3.74 No	1.3 Element Fault
TWL064	87	'7416944_/_8366862_1'		1.33	3.33	3.33	0.54	0.43	3.33	1.25 No	0.43 Element Fault
TWL064	88	'5805440_/_5826509'		1.3	3.33	3.33	0.54	0.4	3.33	1.25 No	0.4 Element Fault
TWL064	89	'5821980_/_5821993_2'		1.27	3.33	3.33	0.54	0.4	3.33	1.25 No	0.4 Element Fault
TWL064	90	'5805689_/_5805686_2'		1.3	3.33	3.33	0.54	0.4	3.33	1.25 No	0.4 Element Fault
TWL064	91	'5835188_/_43792816'		4.2	10	10	1.62	6.6	10	3.74 No	1.62 Thermal Discharging
TWL064	92	'5805441_/_5805451_1'		1.2	3.33	3.33	0.54	0.4	3.33	1.25 No	0.4 Element Fault
TWL064	93	'5821979_/_5821993_1'		4.2	10	10	1.62	6.6	10	3.74 No	1.62 Thermal Discharging
TWL064	94	'8053932_/_8995725'		4.1	10	10	1.62	6.6	10	3.74 No	1.62 Thermal Discharging
TWL064	95	'5836439_/_5836449_1'		1.2	3.33	3.33	0.54	0.4	3.33	1.25 No	0.4 Element Fault
TWL064	96	'5805428_/_5826492'		1.4	3.33	3.33	0.54	0.5	3.33	1.25 No	0.5 Element Fault
TWL064	97	'5805498_/_5805495_2'		4.1	10	10	1.62	6.6	10	3.74 No	1.62 Thermal Discharging
TWL064	98	'55710576_/_8052775_2'		4	10	10	1.62	6.6	10	3.74 No	1.62 Thermal Discharging
TWL064	99	'55710562_/_8052775_1'		3.5	10	10	1.62	1.3	10	3.74 No	1.3 Element Fault
TWL064	100	'5826461_/_5826475'		3.5	10	10	1.62	1.3	10	3.74 No	1.3 Element Fault
TWL064	101	'5805415_/_5805412_2'		1.37	3.33	3.33	0.54	1.1	3.33	1.25 No	0.54 Thermal Discharging
TWL064	102	'5805717_/_5836494_1'		2.67	6.67	6.67	1.08	1	6.67	2.49 No	1 Element Fault
TWL064	103	'5805676_/_5805686_1'		1.4	3.33	3.33	0.54	0.5	3.33	1.25 No	0.5 Element Fault
TWL064	104	'346731383_/_5826458'		4	10	10	1.62	6.6	10	3.74 No	1.62 Thermal Discharging
TWL064	105	'5826427_/_5826441'		3.9	10	10	1.62	6.6	10	3.74 No	1.62 Thermal Discharging
TWL064	106	'5805620_/_5836494_2'		1.33	3.33	3.33	0.54	1.1	3.33	1.25 No	0.54 Thermal Discharging
TWL064	107	'5826410_/_5826424'		1.3	3.33	3.33	0.54	0.5	3.33	1.25 No	0.5 Element Fault
TWL064	108	'5833715_/_5833725_1'		1.37	3.33	3.33	0.54	0.5	3.33	1.25 No	0.5 Element Fault
TWL064	109	'5805454_/_5805451_2'		3.9	10	10	1.62	6.6	10	3.74 No	1.62 Thermal Discharging
TWL064	110	'5805399_/_5805412_1'		2.67	6.67	6.67	1.08	1	6.67	2.49 No	1 Element Fault
TWL064	111	'5805579_/_5805576'		1.07	3.33	3.33	0.54	0.4	3.33	1.25 No	0.4 Element Fault
TWL064	112	'7730713_/_8053929'		3.8	10	10	1.62	6.6	10	3.74 No	1.62 Thermal Discharging
TWL064	113	'5826393_/_5826407'		1.3	3.33	3.33	0.54	1.1	3.33	1.25 No	0.54 Thermal Discharging
TWL064	114	'7477975_/_8991983'		1.4	3.33	3.33	0.54	0.5	3.33	1.25 No	0.5 Element Fault
TWL064	115	'5833702_/_5833725_2'		1.33	3.33	3.33	0.54	0.5	3.33	1.25 No	0.5 Element Fault
TWL064	116	'5805621_/_5805618'		3.7	10	10	1.62	6.6	10	3.74 No	1.62 Thermal Discharging
TWL064	117	'7730714_/_7730711'		3.7	10	10	1.62	6.6	10	3.74 No	1.62 Thermal Discharging
TWL064	118	'8991953_/_8991951_1'		1.4	3.33	3.33	0.54	0.5	3.33	1.25 No	0.5 Element Fault
TWL064	119	'5810264_/_5826390'		3.7	10	10	1.62	6.6	10	3.74 No	1.62 Thermal Discharging
TWL064	120	'5826359_/_5826373'		1.23	3.33	3.33	0.54	0.5	3.33	1.25 No	0.5 Element Fault
TWL064	121	'5805516_/_5805513'		1.3	3.33	3.33	0.54	0.5	3.33	1.25 No	0.5 Element Fault
TWL064	122	'5784506_/_5784503'		1.3	3.33	3.33	0.54	0.5	3.33	1.25 No	0.5 Element Fault
TWL064	123	'43791970_/_5822118'		1.37	3.33	3.33	0.54	0.5	3.33	1.25 No	0.5 Element Fault
TWL064	124	'5797857_/_8991951_2'		3.6	10	10	1.62	6.6	10	3.74 No	1.62 Thermal Discharging
TWL064	125	'5822107_/_43791983'		3.1	10	10	1.62	1.3	10	3.74 No	1.3 Element Fault
TWL064	126	'43788469_/_43788471'		1.23	3.33	3.33	0.54	0.5	3.33	1.25 No	0.5 Element Fault
TWL064	127	'5805775_/_5810262_1'		1.37	3.33	3.33	0.54	0.5	3.33	1.25 No	0.5 Element Fault
TWL064	128	'5833621_/_5833725_3_1'		3.5	10	10	1.62	6.6	10	3.74 No	1.62 Thermal Discharging
TWL064	129	'43788457_/_5810262_2'		3.5	10	10	1.62	6.6	10	3.74 No	1.62 Thermal Discharging
TWL064	130	'5826342_/_5826356'		2.67	6.67	6.67	1.08	1	6.67	2.49 No	1 Element Fault
TWL064	131	'5836438_/_5836436'		1.13	3.33	3.33	0.54	0.3	3.33	1.25 No	0.3 Element Fault
TWL064	132	'5810283_/_5810280'		3.5	10	10	1.62	6.6	10	3.74 No	1.62 Thermal Discharging
TWL064	133	'5825414_/_5826339'		2.33	6.67	6.67	1.08	1	6.67	2.49 No	1 Element Fault
TWL064	134	'5836480_/_43788584'		1.33	3.33	3.33	0.54	0.5	3.33	1.25 No	0.5 Element Fault
TWL064	135	'5810298_/_5810295'		1.23	3.33	3.33	0.54	0.5	3.33	1.25 No	0.5 Element Fault
TWL064	136	'429264003_/_5825411'		2.33	6.67	6.67	1.08	1	6.67	2.49 No	1 Element Fault
TWL064	137	'51251437_/_5805464'		3.5	10	10	1.62	6.6	10	3.74 No	1.62 Thermal Discharging
TWL064	138	'5833608_/_5833618'		0.97	3.33	3.33	0.54	0.4	3.33	1.25 No	0.4 Element Fault
TWL064	139	'5826217_/_5826214'		1.33	3.33	3.33	0.54	0.5	3.33	1.25 No	0.5 Element Fault
TWL064	140	'56140177_/_429264005'		2.27	6.53	6.67	1.08	1	6.67	2.49 No	1 Element Fault
TWL064	141	'5422441_/_7095701'		3.4	9.8	10	1.62	6.6	10	3.74 No	1.62 Thermal Discharging
TWL064	142	'56140316_/_56140284_1'		2.27	6.47	6.67	1.08	1	6.67	2.49 No	1 Element Fault
TWL064	143	'43788593_/_5805673'		3.4	9.7	10	1.62	6.6	10	3.74 No	1.62 Thermal Discharging
TWL064	144	'5825380_/_5825394'		1.07	3.23	3.33	0.54	0.3	3.33	1.25 No	0.3 Element Fault
TWL064	145	'5810313_/_5810310'		0.93	3.23	3.33	0.54	0.4	3.33	1.25 No	0.4 Element Fault
TWL064	146	'5805634_/_5805631'		1.3	3.23	3.33	0.54	0.5	3.33	1.25 No	0.5 Element Fault
TWL064	147	'56140277_/_56140284_2'		1.23	3.23	3.33	0.54	0.5	3.33	1.25 No	0.5 Element Fault
TWL064	148	'5794367_/_5797854'		3.3	9.6	10	1.62	6.6	10	3.74 No	1.62 Thermal Discharging
TWL064	149	'5826234_/_5826231'		3.4	9.6	10	1.62	6.6	10	3.74 No	1.62 Thermal Discharging
TWL064	150	'5825363_/_5825377'		3.4	9.6	10	1.62	1.7	10	3.74 No	1.62 Thermal Discharging
TWL064	151	'5805398_/_5805396'		1.3	3.2	3.33	0.54	0.5	3.33	1.25 No	0.5 Element Fault
TWL064	152	'43788548_/_5805528'		3.3	9.5	10	1.62	6.6	10	3.74 No	1.62 Thermal Discharging
TWL064	153	'5810159_/_5810325'		2.2	6.33	6.67	1.08	1	6.67	2.49 No	1 Element Fault
TWL064	154	'5826251_/_5826248'		1.27	3.17	3.33	0.54	0.5	3.33	1.25 No	0.5 Element Fault
TWL064	155	'51251256_/_51251214'		3.4	9.6	10	1.62	1.7	10	3.74 No	1.62 Thermal Discharging
TWL064	156	'43788504_/_5833751'		3.3	9.5	10	1.62	6.6	10	3.74 No	1.62 Thermal Discharging
TWL064	157	'5833634_/_5833644'		3.3	9.5	10	1.62	6.6	10	3.74 No	1.62 Thermal Discharging
TWL064	158	'43788560_/_5805589'		1.3	3.13	3.33	0.54	0.5	3.33	1.25 No	0.5 Element Fault
TWL064	159	'7477974_/_452241282'		2.53	6.27	6.67	1.08	1	6.67	2.49 No	1 Element Fault
TWL064	160	'7399380_/_452241301'		2.2	6.27	6.67	1.08	1	6.67	2.49 No	1 Element Fault
TWL064	161	'5825760_/_5826265'		3.2	9.3	10	1.62	6.6	10	3.74 No	1.62 Thermal Discharging
TWL064	162	'5810144_/_5810156'		1.27	3.1	3.33	0.54	0.5	3.33	1.25 No	0.5 Element Fault
TWL064	163	'5825743_/_5825757'		1.23	3.1	3.33	0.54	0.5	3.33	1.25 No	0.5 Element Fault
TWL064	164	'51251261_/_51251258'		1.23	3.1	3.33	0.54	0.5	3.33	1.25 No	0.5 Element Fault
TWL064	165	'5825726_/_5825740'		1.23	3.1	3.33	0.54	0.5	3.33	1.25 No	0.5 Element Fault
TWL064	166	'51251323_/_51251300_1'		2.7	9.2	10	1.62	1.3	10	3.74 No	1.3 Element Fault

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TWL064	167	'65560647_/_5833806_1'	3.2	9.2	10	1.62	6.6	10	3.74 No	1.62	Thermal Discharging
TWL064	168	'5833809_/_5833806_2'	2.13	6.07	6.67	1.08	1	6.67	2.49 No	1	Element Fault
TWL064	169	'5825709_/_5825723'	3.1	9.1	10	1.62	6.6	10	3.74 No	1.62	Thermal Discharging
TWL064	170	'5422442_/_5422439'	1.23	3	3.33	0.54	0.5	3.33	1.25 No	0.5	Element Fault
TWL064	171	'5833838_/_5833835'	3.1	9	10	1.62	6.6	10	3.74 No	1.62	Thermal Discharging
TWL064	172	'5833592_/_5833605'	1.2	2.97	3.33	0.54	0.3	3.33	1.25 No	0.3	Element Fault
TWL064	173	'43788571_/_5805644'	1.03	3	3.33	0.54	0.5	3.33	1.25 No	0.5	Element Fault
TWL064	174	'5809547_/_5825706'	1.03	2.97	3.33	0.54	0.5	3.33	1.25 No	0.5	Element Fault
TWL064	175	'5833659_/_43788506'	3.1	8.9	10	1.62	6.6	10	3.74 No	1.62	Thermal Discharging
TWL064	176	'5825621_/_5825618'	3.1	8.9	10	1.62	1.5	10	3.74 No	1.5	Element Fault
TWL064	177	'5805546_/_43788550'	1.03	2.97	3.33	0.54	0.5	3.33	1.25 No	0.5	Element Fault
TWL064	178	'7399381_/_7399378'	1.23	2.9	3.33	0.54	0.5	3.33	1.25 No	0.5	Element Fault
TWL064	179	'43788108_/_5825638'	1.13	2.9	3.33	0.54	0.5	3.33	1.25 No	0.5	Element Fault
TWL064	180	'5833633_/_5833631'	0.83	2.9	3.33	0.54	0.4	3.33	1.25 No	0.4	Element Fault
TWL064	181	'5825658_/_43788110'	3	8.7	10	1.62	6.6	10	3.74 No	1.62	Thermal Discharging
TWL064	182	'43788270_/_5809545'	1.23	2.87	3.33	0.54	0.5	3.33	1.25 No	0.5	Element Fault
TWL064	183	'43788281_/_5833822'	3	8.6	10	1.62	6.6	10	3.74 No	1.62	Thermal Discharging
TWL064	184	'5825675_/_5825672'	2.27	5.73	6.67	1.08	1	6.67	2.49 No	1	Element Fault
TWL064	185	'5805760_/_5810602'	2.9	8.5	10	1.62	6.6	10	3.74 No	1.62	Thermal Discharging
TWL064	186	'5825692_/_5825689'	1.2	2.83	3.33	0.54	0.5	3.33	1.25 No	0.5	Element Fault
TWL064	187	'43788121_/_5833848'	2.9	8.4	10	1.62	6.6	10	3.74 No	1.62	Thermal Discharging
TWL064	188	'5810126_/_5810141'	0.97	2.8	3.33	0.54	1.5	3.33	1.25 No	0.54	Thermal Discharging
TWL064	189	'43784497_/_43784499'	2.9	8.3	10	1.62	6.6	10	3.74 No	1.62	Thermal Discharging
TWL064	190	'43788434_/_5830515'	1.1	2.77	3.33	0.54	0.5	3.33	1.25 No	0.5	Element Fault
TWL064	191	'43788565_/_43788562'	2.8	8.2	10	1.62	6.6	10	3.74 No	1.62	Thermal Discharging
TWL064	192	'43789028_/_5828475'	1.03	2.73	3.33	0.54	0.5	3.33	1.25 No	0.5	Element Fault
TWL064	193	'5809548_/_43788272'	1.93	5.47	6.67	1.08	1	6.67	2.49 No	1	Element Fault
TWL064	194	'5827173_/_5827170'	0.93	2.7	3.33	0.54	0.5	3.33	1.25 No	0.5	Element Fault
TWL064	195	'5836867_/_5836881'	1.07	2.7	3.33	0.54	0.5	3.33	1.25 No	0.5	Element Fault
TWL064	196	'43791959_/_5822131'	2.8	8.1	10	1.62	6.6	9.92	3.74 No	1.62	Thermal Discharging
TWL064	197	'419947006_/_419947003'	0.93	2.7	3.33	0.54	1.5	3.33	1.25 No	0.54	Thermal Discharging
TWL064	198	'5422455_/_5422452'	2.8	8.1	10	1.62	1.5	10	3.74 No	1.5	Element Fault
TWL064	199	'5836850_/_5836864'	2.8	8.1	10	1.62	6.6	9.87	3.74 No	1.62	Thermal Discharging
TWL064	200	'5833825_/_43788283'	2.4	8.1	10	1.62	1.3	10	3.74 No	1.3	Element Fault
TWL064	201	'43788576_/_43788573'	2.8	8	10	1.62	6.6	9.81	3.74 No	1.62	Thermal Discharging
TWL064	202	'43789041_/_43789043'	1.03	2.67	3.33	0.54	0.5	3.33	1.25 No	0.5	Element Fault
TWL064	203	'7442048_/_9682948'	2.7	8	10	1.62	6.6	9.75	3.74 No	1.62	Thermal Discharging
TWL064	204	'5805564_/_5805561'	2.7	7.9	10	1.62	6.6	9.66	3.74 No	1.62	Thermal Discharging
TWL064	205	'43788493_/_43788495'	1.03	2.63	3.33	0.54	0.5	3.33	1.25 No	0.5	Element Fault
TWL064	206	'43788515_/_5833657'	2.7	7.9	10	1.62	6.6	9.64	3.74 No	1.62	Thermal Discharging
TWL064	207	'5836813_/_5836830'	2.07	5.2	6.67	1.08	1	6.67	2.49 No	1	Element Fault
TWL064	208	'5805759_/_5805757'	1.1	2.6	3.33	0.54	0.5	3.33	1.25 No	0.5	Element Fault
TWL064	209	'5836795_/_5836810'	1.1	2.6	3.33	0.54	0.5	3.33	1.25 No	0.5	Element Fault
TWL064	210	'43788604_/_5833738'	2.7	7.8	10	1.62	6.6	9.55	3.74 No	1.62	Thermal Discharging
TWL064	211	'43789054_/_5836793'	2.6	7.7	10	1.62	6.6	9.46	3.74 No	1.62	Thermal Discharging
TWL064	212	'5827190_/_43789056'	1.03	2.57	3.33	0.54	0.5	3.33	1.25 No	0.5	Element Fault
TWL064	213	'5834956_/_5834987_1'	1.07	2.53	3.33	0.54	0.5	3.31	1.25 No	0.5	Element Fault
TWL064	214	'5836903_/_5836901'	2.6	7.6	10	1.62	6.6	9.38	3.74 No	1.62	Thermal Discharging
TWL064	215	'43792738_/_5834987_2'	0.73	2.53	3.33	0.54	0.4	3.33	1.25 No	0.4	Element Fault
TWL064	216	'5833864_/_43788123'	2.6	7.5	10	1.62	6.6	9.28	3.74 No	1.62	Thermal Discharging
TWL064	217	'5827209_/_5834970'	2.6	7.5	10	1.62	1.5	9.28	3.74 No	1.5	Element Fault
TWL064	218	'44979535_/_5830531'	2.6	7.5	10	1.62	6.6	9.23	3.74 No	1.62	Thermal Discharging
TWL064	219	'5836623_/_5836921'	2.6	7.4	10	1.62	1.5	9.22	3.74 No	1.5	Element Fault
TWL064	220	'5827210_/_5827207'	2.6	7.4	10	1.62	6.6	9.17	3.74 No	1.62	Thermal Discharging
TWL064	221	'5836624_/_5836621'	1.03	2.47	3.33	0.54	0.5	3.16	1.25 No	0.5	Element Fault
TWL064	222	'5794350_/_5794348'	2.5	7.4	10	1.62	6.6	9.15	3.74 No	1.62	Thermal Discharging
TWL064	223	'5811656_/_5827224'	0.87	2.47	3.33	0.54	0.5	3.15	1.25 No	0.5	Element Fault
TWL064	224	'5811543_/_5836638'	2.6	7.3	10	1.62	6.6	9.09	3.74 No	1.62	Thermal Discharging
TWL064	225	'43788445_/_5810123'	2.5	7.3	10	1.62	6.6	9.06	3.74 No	1.62	Thermal Discharging
TWL064	226	'102822108_/_5836729_1'	2.2	7.3	10	1.62	1.3	10	3.74 No	1.3	Element Fault
TWL064	227	'5811657_/_5811916_1'	2.5	7.3	10	1.62	6.6	9.02	3.74 No	1.62	Thermal Discharging
TWL064	228	'43789089_/_5827241'	2.5	7.2	10	1.62	6.6	9.01	3.74 No	1.62	Thermal Discharging
TWL064	229	'5836678_/_5836675'	1.67	4.8	6.67	1.08	1	6.24	2.49 No	1	Element Fault
TWL064	230	'7442049_/_7442046'	1.67	4.8	6.67	1.08	1	5.99	2.49 No	1	Element Fault
TWL064	231	'5833591_/_5833589'	0.83	2.4	3.33	0.54	0.5	2.99	1.25 No	0.5	Element Fault
TWL064	232	'7145421_/_7145418'	2.5	7.2	10	1.62	6.6	8.93	3.74 No	1.62	Thermal Discharging
TWL064	233	'271387932_/_8029845_1'	2.5	7.2	10	1.62	6.6	8.93	3.74 No	1.62	Thermal Discharging
TWL064	234	'5811672_/_5811916_2'	2.4	7.1	10	1.62	6.6	8.86	3.74 No	1.62	Thermal Discharging
TWL064	235	'5833673_/_43788517'	1	2.37	3.33	0.54	0.5	3.15	1.25 No	0.5	Element Fault
TWL064	236	'102822115_/_5836729_2'	2.4	7.1	10	1.62	6.6	8.85	3.74 No	1.62	Thermal Discharging
TWL064	237	'5827244_/_43789091'	0.83	2.37	3.33	0.54	0.5	2.96	1.25 No	0.5	Element Fault
TWL064	238	'5811527_/_5811540'	1.6	4.73	6.67	1.08	1	5.92	2.49 No	1	Element Fault
TWL064	239	'5833566_/_5833576'	2.5	7.1	10	1.62	6.6	8.83	3.74 No	1.62	Thermal Discharging
TWL064	240	'5822806_/_5830167'	0.8	2.37	3.33	0.54	0.5	2.96	1.25 No	0.5	Element Fault
TWL064	241	'5804835_/_5822804'	1	2.37	3.33	0.54	0.5	3.13	1.25 No	0.5	Element Fault
TWL064	242	'5811673_/_5811670'	1	2.33	3.33	0.54	0.5	3.12	1.25 No	0.5	Element Fault
TWL064	243	'5822824_/_5822821'	2.5	7	10	1.62	6.6	8.75	3.74 No	1.62	Thermal Discharging
TWL064	244	'5822770_/_5822767'	2.4	6.9	10	1.62	6.6	8.68	3.74 No	1.62	Thermal Discharging
TWL064	245	'5804822_/_5804819_2'	0.8	2.3	3.33	0.54	0.5	2.91	1.25 No	0.5	Element Fault
TWL064	246	'5822841_/_5822838'	2.4	6.9	10	1.62	6.6	8.64	3.74 No	1.62	Thermal Discharging
TWL064	247	'43785304_/_5822787'	2.4	6.9	10	1.62	6.6	8.62	3.74 No	1.62	Thermal Discharging
TWL064	248	'5822858_/_5822855'	0.8	2.3	3.33	0.54	1.9	2.87	1.25 No	0.54	Thermal Discharging
TWL064	249	'8029827_/_8029845_2'	2.4	6.9	10	1.62	6.6	8.6	3.74 No	1.62	Thermal Discharging
TWL064	250	'5827037_/_8029845_3'	2.4	6.9	10	1.62	6.6	8.59	3.74 No	1.62	Thermal Discharging
TWL064	251	'5833877_/_5833874'	2.4	6.8	10	1.62	6.6	8.55	3.74 No	1.62	Thermal Discharging
TWL064	252	'5830676_/_5830673'	2.4	6.8	10	1.62	6.6	8.6	3.74 No	1.62	Thermal Discharging
TWL064	253	'5798959_/_5822872'	2.4	6.8	10	1.62	6.6	8.6	3.74 No	1.62	Thermal Discharging
TWL064	254	'5834913_/_5834940'	1.03	2.27	3.33	0.54	0.5	2.98	1.25 No	0.5	Element Fault
TWL064	255	'5804809_/_5804819_1'	2.4	6.8	10	1.62	6.6	8.52	3.74 No	1.62	Thermal Discharging
TWL064	256	'5836763_/_5836775_1'	2.4	6.8	10	1.62	6.6	8.5	3.74 No	1.62	Thermal Discharging
TWL064	257	'5811820_/_5827034'	0.87	2.27	3.33	0.54	0.5	2.88	1.25 No	0.5	Element Fault
TWL064	258	'5822892_/_5822889'	0.8	2.27	3.33	0.54	0.5	2.83	1.25 No	0.5	Element Fault
TWL064	259	'5798960_/_5798970_1'	1.53	4.53	6.67	1.08	1	5.71	2.49 No	1	Element Fault
TWL064	260	'43789000_/_5827051'	2.3	6.8	10	1.62	6.6	8.53	3.74 No	1.62	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
											VSR (MW)	Limiting Threshold
TWL064	261	'5811555_/_5836729_3'		2.4	6.7	10	1.62	6.6	8.44	3.74 No	1.62	Thermal Discharging
TWL064	262	'5827003_/_5827017'		2.3	6.7	10	1.62	6.6	8.49	3.74 No	1.62	Thermal Discharging
TWL064	263	'5835086_/_5836775_2'		1.53	4.47	6.67	1.08	1	5.71	2.49 No	1	Element Fault
TWL064	264	'5827054_/_43789004'		2.3	6.7	10	1.62	6.6	8.47	3.74 No	1.62	Thermal Discharging
TWL064	265	'5826986_/_5827000'		1.53	4.47	6.67	1.08	1	5.67	2.49 No	1	Element Fault
TWL064	266	'7755259_/_8390830'		0.77	2.23	3.33	0.54	0.5	2.81	1.25 No	0.5	Element Fault
TWL064	267	'5822909_/_5822906'		2.3	6.7	10	1.62	6.6	8.43	3.74 No	1.62	Thermal Discharging
TWL064	268	'43785271_/_43785273'		2.3	6.7	10	1.62	6.6	8.43	3.74 No	1.62	Thermal Discharging
TWL064	269	'5811821_/_5811903_1'		2.3	6.6	10	1.62	6.6	8.34	3.74 No	1.62	Thermal Discharging
TWL064	270	'7095753_/_7095751'		0.77	2.2	3.33	0.54	0.5	2.79	1.25 No	0.5	Element Fault
TWL064	271	'5798973_/_5798970_2'		0.77	2.2	3.33	0.54	0.5	2.8	1.25 No	0.5	Element Fault
TWL064	272	'5810092_/_5810105'		0.77	2.2	3.33	0.54	0.5	2.79	1.25 No	0.5	Element Fault
TWL064	273	'5814491_/_5826983'		2.3	6.6	10	1.62	6.6	8.36	3.74 No	1.62	Thermal Discharging
TWL064	274	'5833686_/_5833683'		1.53	4.4	6.67	1.08	1	5.85	2.49 No	1	Element Fault
TWL064	275	'5822134_/_43791961'		2	6.6	10	1.62	1.3	9.65	3.74 No	1.3	Element Fault
TWL064	276	'5811766_/_5826966'		0.93	2.2	3.33	0.54	0.5	2.97	1.25 No	0.5	Element Fault
TWL064	277	'5822926_/_5822923'		2.3	6.5	10	1.62	6.6	8.28	3.74 No	1.62	Thermal Discharging
TWL064	278	'5833553_/_5833563'		2.3	6.5	10	1.62	6.6	8.23	3.74 No	1.62	Thermal Discharging
TWL064	279	'43788848_/_43788850'		0.93	2.17	3.33	0.54	0.5	2.95	1.25 No	0.5	Element Fault
TWL064	280	'465207988_/_5826932_2'		2.3	6.5	10	1.62	6.6	8.24	3.74 No	1.62	Thermal Discharging
TWL064	281	'43789102_/_5811683'		0.77	2.17	3.33	0.54	0.5	2.78	1.25 No	0.5	Element Fault
TWL064	282	'5799144_/_5822940'		2.3	6.5	10	1.62	6.6	8.17	3.74 No	1.62	Thermal Discharging
TWL064	283	'43788966_/_43788968'		0.8	2.17	3.33	0.54	0.5	2.78	1.25 No	0.5	Element Fault
TWL064	284	'5814456_/_5814488'		1.53	4.33	6.67	1.08	2.3	5.49	2.49 No	1.08	Thermal Discharging
TWL064	285	'5814457_/_5814454'		0.77	2.17	3.33	0.54	0.5	2.74	1.25 No	0.5	Element Fault
TWL064	286	'5798986_/_5798970_3'		0.77	2.13	3.33	0.54	0.5	2.71	1.25 No	0.5	Element Fault
TWL064	287	'5799145_/_5799155_1'		2.3	6.4	10	1.62	6.6	8.12	3.74 No	1.62	Thermal Discharging
TWL064	288	'5822960_/_5822957'		1.9	6.4	10	1.62	1.3	9.46	3.74 No	1.3	Element Fault
TWL064	289	'5810174_/_5810171'		0.73	2.13	3.33	0.54	0.5	2.87	1.25 No	0.5	Element Fault
TWL064	290	'43788835_/_5826932_1'		0.77	2.13	3.33	0.54	0.5	2.72	1.25 No	0.5	Element Fault
TWL064	291	'5804783_/_5804793'		1.47	4.27	6.67	1.08	1	5.53	2.49 No	1	Element Fault
TWL064	292	'43788977_/_5811553'		2.3	6.4	10	1.62	6.6	8.17	3.74 No	1.62	Thermal Discharging
TWL064	293	'43788906_/_5811764'		1.9	6.4	10	1.62	1.3	9.41	3.74 No	1.3	Element Fault
TWL064	294	'8366884_/_8366882'		1.9	6.4	10	1.62	1.3	9.41	3.74 No	1.3	Element Fault
TWL064	295	'5833890_/_5833887'		2.3	6.4	10	1.62	6.6	8.08	3.74 No	1.62	Thermal Discharging
TWL064	296	'5822977_/_5822974'		1.9	6.4	10	1.62	1.3	9.41	3.74 No	1.3	Element Fault
TWL064	297	'5835112_/_5835124'		1.9	6.4	10	1.62	1.3	9.41	3.74 No	1.3	Element Fault
TWL064	298	'43792904_/_43792906'		0.97	2.13	3.33	0.54	0.5	2.84	1.25 No	0.5	Element Fault
TWL064	299	'5799158_/_5799155_2'		1.47	4.27	6.67	1.08	1	5.48	2.49 No	1	Element Fault
TWL064	300	'43788944_/_5811903_2'		0.73	2.13	3.33	0.54	0.5	2.72	1.25 No	0.5	Element Fault
TWL064	301	'5814553_/_5826915'		0.77	2.13	3.33	0.54	0.5	2.69	1.25 No	0.5	Element Fault
TWL064	302	'5811458_/_5835096'		0.77	2.13	3.33	0.54	0.5	2.73	1.25 No	0.5	Element Fault
TWL064	303	'43785317_/_5822994'		0.77	2.13	3.33	0.54	0.5	2.73	1.25 No	0.5	Element Fault
TWL064	304	'5830693_/_5830690'		2.2	6.3	10	1.62	6.6	8.02	3.74 No	1.62	Thermal Discharging
TWL064	305	'5811265_/_5811262_2'		2.2	6.3	10	1.62	3.3	8.14	3.74 No	1.62	Thermal Discharging
TWL064	306	'5835443_/_5835441'		2.3	6.4	10	1.62	5.4	8.1	3.74 No	1.62	Thermal Discharging
TWL064	307	'5834914_/_5834911'		0.87	2.1	3.33	0.54	0.5	2.74	1.25 No	0.5	Element Fault
TWL064	308	'5823017_/_5823014'		2.2	6.3	10	1.62	6.6	7.98	3.74 No	1.62	Thermal Discharging
TWL064	309	'5833540_/_5833550'		1.9	6.3	10	1.62	1.3	9.29	3.74 No	1.3	Element Fault
TWL064	310	'5830713_/_5830710'		0.9	2.1	3.33	0.54	0.5	2.87	1.25 No	0.5	Element Fault
TWL064	311	'5799171_/_5799168'		2.2	6.3	10	1.62	3.3	8.08	3.74 No	1.62	Thermal Discharging
TWL064	312	'43788822_/_5835458'		2.2	6.3	10	1.62	6.6	8.05	3.74 No	1.62	Thermal Discharging
TWL064	313	'8054639_/_8054637_1'		0.77	2.1	3.33	0.54	0.5	2.66	1.25 No	0.5	Element Fault
TWL064	314	'5823034_/_5823031'		2.2	6.3	10	1.62	6.6	7.92	3.74 No	1.62	Thermal Discharging
TWL064	315	'5804770_/_5804780'		0.73	2.07	3.33	0.54	0.5	2.66	1.25 No	0.5	Element Fault
TWL064	316	'5826844_/_5827153'		2.2	6.2	10	1.62	1.5	8.01	3.74 No	1.5	Element Fault
TWL064	317	'5811699_/_5811696'		0.73	2.07	3.33	0.54	0.5	2.7	1.25 No	0.5	Element Fault
TWL064	318	'5799199_/_5823048'		2.2	6.2	10	1.62	6.6	7.88	3.74 No	1.62	Thermal Discharging
TWL064	319	'5827664_/_5828498'		0.73	2.07	3.33	0.54	0.5	2.78	1.25 No	0.5	Element Fault
TWL064	320	'5810079_/_5810089'		2.2	6.2	10	1.62	1.5	7.84	3.74 No	1.5	Element Fault
TWL064	321	'43788774_/_5826878'		2.2	6.2	10	1.62	6.6	7.82	3.74 No	1.62	Thermal Discharging
TWL064	322	'5799200_/_5799214_1'		0.73	2.07	3.33	0.54	1.5	2.61	1.25 No	0.54	Thermal Discharging
TWL064	323	'43785330_/_5823065'		2.2	6.1	10	1.62	6.6	7.93	3.74 No	1.62	Thermal Discharging
TWL064	324	'43785356_/_5831230'		0.77	2.03	3.33	0.54	0.5	2.67	1.25 No	0.5	Element Fault
TWL064	325	'7755260_/_7755257'		0.73	2.03	3.33	0.54	0.5	2.65	1.25 No	0.5	Element Fault
TWL064	326	'43788919_/_5811781'		2.2	6.1	10	1.62	6.6	7.8	3.74 No	1.62	Thermal Discharging
TWL064	327	'43792762_/_43792764'		0.73	2.03	3.33	0.54	0.5	2.6	1.25 No	0.5	Element Fault
TWL064	328	'5827647_/_5827661'		1.4	4.07	6.67	1.08	1	5.28	2.49 No	1	Element Fault
TWL064	329	'331105445_/_57990009'		1.4	4.07	6.67	1.08	1	5.34	2.49 No	1	Element Fault
TWL064	330	'5799236_/_43785332'		2.2	6.1	10	1.62	6.6	7.75	3.74 No	1.62	Thermal Discharging
TWL064	331	'43788761_/_43788763'		2.1	6.1	10	1.62	6.6	7.72	3.74 No	1.62	Thermal Discharging
TWL064	332	'5831233_/_5831246_1'		0.73	2.03	3.33	0.54	0.5	2.57	1.25 No	0.5	Element Fault
TWL064	333	'8366612_/_8366610_1'		0.7	2	3.33	0.54	0.5	2.6	1.25 No	0.5	Element Fault
TWL064	334	'5811571_/_43788979'		2.1	6	10	1.62	6.6	7.69	3.74 No	1.62	Thermal Discharging
TWL064	335	'5823102_/_5823099'		2.1	6.1	10	1.62	2.4	7.68	3.74 No	1.62	Thermal Discharging
TWL064	336	'5823119_/_5823116'		2.1	6	10	1.62	6.6	7.67	3.74 No	1.62	Thermal Discharging
TWL064	337	'5827646_/_5827644'		0.77	2	3.33	0.54	0.5	2.58	1.25 No	0.5	Element Fault
TWL064	338	'5826807_/_5826824'		0.83	2	3.33	0.54	0.5	2.77	1.25 No	0.5	Element Fault
TWL064	339	'65560607_/_5799250_1'		2.1	6	10	1.62	6.6	7.65	3.74 No	1.62	Thermal Discharging
TWL064	340	'5804757_/_5804767'		0.7	2	3.33	0.54	0.5	2.65	1.25 No	0.5	Element Fault
TWL064	341	'72329690_/_72329697'		0.87	2	3.33	0.54	0.5	2.65	1.25 No	0.5	Element Fault
TWL064	342	'64373527_/_64373501_1'		2.1	6	10	1.62	2.3	7.66	3.74 No	1.62	Thermal Discharging
TWL064	343	'64373166_/_7166753'		2.1	6	10	1.62	1.5	7.7	3.74 No	1.5	Element Fault
TWL064	344	'43788526_/_5833780'		0.8	2	3.33	0.54	0.5	2.63	1.25 No	0.5	Element Fault
TWL064	345	'8366593_/_8679534_1'		1.4	4	6.67	1.08	1	5.25	2.49 No	1	Element Fault
TWL064	346	'5799187_/_5799184'		0.73	2	3.33	0.54	0.5	2.57	1.25 No	0.5	Element Fault
TWL064	347	'452480428_/_9334928'		0.7	2	3.33	0.54	0.5	2.6	1.25 No	0.5	Element Fault
TWL064	348	'43790269_/_43790271'		2.1	6	10	1.62	6.6	7.61	3.74 No	1.62	Thermal Discharging
TWL064	349	'5799356_/_5823153'		0.73	1.97	3.33	0.54	0.5	2.54	1.25 No	0.5	Element Fault
TWL064	350	'5811641_/_5814537'		0.77	1.97	3.33	0.54	0.5	2.61	1.25 No	0.5	Element Fault
TWL064	351	'5834930_/_5834927'		0.7	1.97	3.33	0.54	0.5	2.7	1.25 No	0.5	Element Fault
TWL064	352	'74535563_/_146104476_1'		0.83	1.97	3.33	0.54	0.5	2.75	1.25 No	0.5	Element Fault
TWL064	353	'5826790_/_5826804'		2.1	6	10	1.62	2.3	7.58	3.74 No	1.62	Thermal Discharging
TWL064	354	'43785343_/_5799214_2'		0.7	1.97	3.33	0.54	0.5	2.53	1.25 No	0.5	Element Fault

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Over-Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TWL064	355	'581501_/_581151'		2.1	5.9	10	1.62	6.6	7.56	3.74 No	1.62 Thermal Discharging
TWL064	356	'5811850_/_5835109'		0.7	1.97	3.33	0.54	0.5	2.61	1.25 No	0.5 Element Fault
TWL064	357	'5831249_/_5831246_2'		0.7	1.97	3.33	0.54	0.5	2.55	1.25 No	0.5 Element Fault
TWL064	358	'452480078_/_452480470'		2.1	5.9	10	1.62	6.6	7.72	3.74 No	1.62 Thermal Discharging
TWL064	359	'452480077_/_452480075'		0.7	1.97	3.33	0.54	0.5	2.58	1.25 No	0.5 Element Fault
TWL064	360	'452480086_/_452480083'		0.9	1.97	3.33	0.54	0.5	2.68	1.25 No	0.5 Element Fault
TWL064	361	'452480102_/_452480099'		2.1	5.9	10	1.62	6.6	7.53	3.74 No	1.62 Thermal Discharging
TWL064	362	'43788748_/_5826787'		0.77	1.97	3.33	0.54	0.5	2.58	1.25 No	0.5 Element Fault
TWL064	363	'5798947_/_5835801'		0.7	1.97	3.33	0.54	0.5	2.68	1.25 No	0.5 Element Fault
TWL064	364	'5823173_/_5823170'		0.7	1.97	3.33	0.54	2.2	2.49	1.25 No	0.54 Thermal Discharging
TWL064	365	'43788423_/_5810184'		0.7	1.97	3.33	0.54	0.5	2.49	1.25 No	0.5 Element Fault
TWL064	366	'43785490_/_5799250_2'		0.7	1.93	3.33	0.54	0.5	2.48	1.25 No	0.5 Element Fault
TWL064	367	'5833539_/_5833537'		0.7	1.93	3.33	0.54	0.5	2.55	1.25 No	0.5 Element Fault
TWL064	368	'43790256_/_43790258'		0.73	1.93	3.33	0.54	0.5	2.51	1.25 No	0.5 Element Fault
TWL064	369	'69651022_/_5811456'		1.8	5.8	10	1.62	1.3	8.68	3.74 No	1.3 Element Fault
TWL064	370	'440141244_/_438067990_1'		0.7	1.93	3.33	0.54	0.5	2.46	1.25 No	0.5 Element Fault
TWL064	371	'5799357_/_5799367_1'		2	5.8	10	1.62	1.5	7.52	3.74 No	1.5 Element Fault
TWL064	372	'5823190_/_5823187'		0.77	1.93	3.33	0.54	0.5	2.56	1.25 No	0.5 Element Fault
TWL064	373	'5811712_/_5811709'		0.7	1.93	3.33	0.54	0.5	2.57	1.25 No	0.5 Element Fault
TWL064	374	'43785260_/_5804754'		1.33	3.87	6.67	1.08	1	5.14	2.49 No	1 Element Fault
TWL064	375	'5811801_/_43788921'		0.7	1.9	3.33	0.54	0.5	2.52	1.25 No	0.5 Element Fault
TWL064	376	'5826756_/_5826770'		0.7	1.9	3.33	0.54	0.5	2.44	1.25 No	0.5 Element Fault
TWL064	377	'5799012_/_331105447'		2.1	5.7	10	1.62	3.7	7.52	3.74 No	1.62 Thermal Discharging
TWL064	378	'8366613_/_8366610_2'		0.87	1.9	3.33	0.54	0.5	2.61	1.25 No	0.5 Element Fault
TWL064	379	'5827613_/_5827627'		2.1	5.7	10	1.62	3.7	7.51	3.74 No	1.62 Thermal Discharging
TWL064	380	'5823207_/_5823204'		1.7	5.7	10	1.62	1.3	8.53	3.74 No	1.3 Element Fault
TWL064	381	'452480518_/_452480588'		1.27	3.8	6.67	1.08	1	5.06	2.49 No	1 Element Fault
TWL064	382	'43788412_/_43788414'		0.67	1.9	3.33	0.54	0.5	2.47	1.25 No	0.5 Element Fault
TWL064	383	'5811834_/_5811831'		0.7	1.9	3.33	0.54	0.5	2.41	1.25 No	0.5 Element Fault
TWL064	384	'8054640_/_8054637_2'		0.67	1.9	3.33	0.54	0.5	2.61	1.25 No	0.5 Element Fault
TWL064	385	'43785389_/_5823221'		0.73	1.9	3.33	0.54	0.5	2.46	1.25 No	0.5 Element Fault
TWL064	386	'43788735_/_43788737'		0.67	1.9	3.33	0.54	0.5	2.52	1.25 No	0.5 Element Fault
TWL064	387	'5799304_/_5799302_1'		0.7	1.87	3.33	0.54	0.5	2.44	1.25 No	0.5 Element Fault
TWL064	388	'5827596_/_5827610'		0.7	1.87	3.33	0.54	0.5	2.39	1.25 No	0.5 Element Fault
TWL064	389	'43789067_/_5833971'		0.67	1.87	3.33	0.54	0.5	2.48	1.25 No	0.5 Element Fault
TWL064	390	'5799305_/_5799302_2'		0.7	1.87	3.33	0.54	0.5	2.52	1.25 No	0.5 Element Fault
TWL064	391	'5812307_/_5812317_1'		0.67	1.87	3.33	0.54	0.5	2.59	1.25 No	0.5 Element Fault
TWL064	392	'5831262_/_5831259'		0.67	1.87	3.33	0.54	0.5	2.48	1.25 No	0.5 Element Fault
TWL064	393	'5826722_/_5826736'		0.77	1.87	3.33	0.54	0.3	2.64	1.25 No	0.3 Element Fault
TWL064	394	'5827579_/_5827593'		0.7	1.87	3.33	0.54	0.5	2.36	1.25 No	0.5 Element Fault
TWL064	395	'5799318_/_5799315'		0.77	1.87	3.33	0.54	0.5	2.48	1.25 No	0.5 Element Fault
TWL064	396	'5799217_/_43785345'		0.8	1.87	3.33	0.54	0.5	2.49	1.25 No	0.5 Element Fault
TWL064	397	'5835072_/_5835070'		0.77	1.83	3.33	0.54	0.5	2.6	1.25 No	0.5 Element Fault
TWL064	398	'5814475_/_5814472'		0.7	1.83	3.33	0.54	0.5	2.34	1.25 No	0.5 Element Fault
TWL064	399	'5811865_/_5811862'		0.83	1.83	3.33	0.54	0.5	2.55	1.25 No	0.5 Element Fault
TWL064	400	'5826705_/_5826719'		1.9	5.5	10	1.62	2.3	7.22	3.74 No	1.62 Thermal Discharging
TWL064	401	'5827562_/_5827576'		0.67	1.83	3.33	0.54	0.5	2.44	1.25 No	0.5 Element Fault
TWL064	402	'5812320_/_5812317_2'		0.63	1.83	3.33	0.54	0.5	2.47	1.25 No	0.5 Element Fault
TWL064	403	'43785402_/_5799328'		0.63	1.83	3.33	0.54	0.5	2.4	1.25 No	0.5 Element Fault
TWL064	404	'69966625_/_5812142_1'		0.7	1.83	3.33	0.54	0.5	2.32	1.25 No	0.5 Element Fault
TWL064	405	'5811033_/_5826702'		0.77	1.83	3.33	0.54	0.5	2.45	1.25 No	0.5 Element Fault
TWL064	406	'5812145_/_5812142_2'		0.63	1.83	3.33	0.54	0.3	2.46	1.25 No	0.3 Element Fault
TWL064	407	'43790243_/_5827559'		0.7	1.83	3.33	0.54	0.5	2.31	1.25 No	0.5 Element Fault
TWL064	408	'5811394_/_5811847'		0.7	1.8	3.33	0.54	0.5	2.29	1.25 No	0.5 Element Fault
TWL064	409	'5814701_/_43785262'		1.27	3.6	6.67	1.08	1	4.88	2.49 No	1 Element Fault
TWL064	410	'5810052_/_43788425'		0.8	1.8	3.33	0.54	0.5	2.5	1.25 No	0.5 Element Fault
TWL064	411	'5811229_/_5811262_1'		0.7	1.8	3.33	0.54	0.5	2.44	1.25 No	0.5 Element Fault
TWL064	412	'5799344_/_43785404'		2	5.4	10	1.62	3.7	7.22	3.74 No	1.62 Thermal Discharging
TWL064	413	'5827545_/_5827678'		1.9	5.4	10	1.62	2.3	7.09	3.74 No	1.62 Thermal Discharging
TWL064	414	'5825604_/_5830130'		0.63	1.8	3.33	0.54	0.5	2.41	1.25 No	0.5 Element Fault
TWL064	415	'5799266_/_5799263'		0.63	1.8	3.33	0.54	0.5	2.41	1.25 No	0.5 Element Fault
TWL064	416	'5811725_/_5811722'		0.63	1.8	3.33	0.54	0.5	2.51	1.25 No	0.5 Element Fault
TWL064	417	'5833903_/_5833900'		0.63	1.8	3.33	0.54	0.5	2.43	1.25 No	0.5 Element Fault
TWL064	418	'43785378_/_5799367_2'		0.8	1.8	3.33	0.54	0.5	2.43	1.25 No	0.5 Element Fault
TWL064	419	'43785744_/_5800315'		0.63	1.8	3.33	0.54	0.5	2.43	1.25 No	0.5 Element Fault
TWL064	420	'5810078_/_5810076'		0.7	1.8	3.33	0.54	0.5	2.27	1.25 No	0.5 Element Fault
TWL064	421	'123474787_/_7730851_2'		0.63	1.77	3.33	0.54	0.5	2.49	1.25 No	0.5 Element Fault
TWL064	422	'5825587_/_5825601'		0.73	1.77	3.33	0.54	0.5	2.36	1.25 No	0.5 Element Fault
TWL064	423	'5798934_/_5798944'		1.9	5.3	10	1.62	2.7	7.16	3.74 No	1.62 Thermal Discharging
TWL064	424	'5814570_/_5814567'		0.7	1.77	3.33	0.54	0.5	2.25	1.25 No	0.5 Element Fault
TWL064	425	'5827544_/_5827542'		0.7	1.77	3.33	0.54	0.5	2.25	1.25 No	0.5 Element Fault
TWL064	426	'5799025_/_5799022'		1.9	5.3	10	1.62	2.7	7.14	3.74 No	1.62 Thermal Discharging
TWL064	427	'51251293_/_51251300_2'		0.63	1.77	3.33	0.54	0.3	2.41	1.25 No	0.3 Element Fault
TWL064	428	'5825570_/_5825584'		0.7	1.77	3.33	0.54	0.5	2.24	1.25 No	0.5 Element Fault
TWL064	429	'5800331_/_43785746'		1.9	5.3	10	1.62	2.7	7.08	3.74 No	1.62 Thermal Discharging
TWL064	430	'5812401_/_5812398'		0.6	1.73	3.33	0.54	0.5	2.41	1.25 No	0.5 Element Fault
TWL064	431	'5811488_/_5811498'		0.7	1.73	3.33	0.54	0.5	2.32	1.25 No	0.5 Element Fault
TWL064	432	'43790230_/_43790232'		1.9	5.3	10	1.62	1.7	7.07	3.74 No	1.62 Thermal Discharging
TWL064	433	'5833783_/_43788528'		1.6	5.2	10	1.62	1.3	7.94	3.74 No	1.3 Element Fault
TWL064	434	'5825553_/_5825567'		0.7	1.73	3.33	0.54	0.5	2.21	1.25 No	0.5 Element Fault
TWL064	435	'5800344_/_5800341'		0.6	1.73	3.33	0.54	0.5	2.32	1.25 No	0.5 Element Fault
TWL064	436	'146104470_/_146104476_2'		0.6	1.73	3.33	0.54	0.5	2.45	1.25 No	0.5 Element Fault
TWL064	437	'5812333_/_5812330'		0.6	1.73	3.33	0.54	0.5	2.35	1.25 No	0.5 Element Fault
TWL064	438	'5811738_/_5811735'		0.77	1.73	3.33	0.54	0.5	2.36	1.25 No	0.5 Element Fault
TWL064	439	'5825536_/_5825550'		0.77	1.73	3.33	0.54	0.5	2.35	1.25 No	0.5 Element Fault
TWL064	440	'92293497_/_5814699'		1.2	3.47	6.67	1.08	1.53	4.54	2.49 No	1.08 Thermal Discharging
TWL064	441	'5811242_/_5811239'		1.8	5.2	10	1.62	1.6	6.92	3.74 No	1.6 Element Fault
TWL064	442	'7730854_/_7730851_1'		0.7	1.73	3.33	0.54	0.5	2.19	1.25 No	0.5 Element Fault
TWL064	443	'43785755_/_5800354'		1.8	5.2	10	1.62	1.6	6.91	3.74 No	1.6 Element Fault
TWL064	444	'5835145_/_5835155'		0.7	1.7	3.33	0.54	0.5	2.17	1.25 No	0.5 Element Fault
TWL064	445	'5833916_/_5833913'		0.6	1.7	3.33	0.54	0.5	2.42	1.25 No	0.5 Element Fault
TWL064	446	'156371539_/_9310566_1'		0.7	1.7	3.33	0.54	0.5	2.19	1.25 No	0.5 Element Fault
TWL064	447	'452088049_/_452088068'		1.9	5.1	10	1.62	1.7	6.95	3.74 No	1.62 Thermal Discharging
TWL064	448	'43787990_/_43787992'		0.7	1.7	3.33	0.54	0.5	2.16	1.25 No	0.5 Element Fault

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TWL064	449	'91647882_/_43790085_2'		1.9	5.1	10	1.62	2.7	6.93	3.74 No	1.62 Thermal Discharging
TWL064	450	'5800370_/_5800367'		1.13	3.4	6.67	1.08	1	4.67	2.49 No	1 Element Fault
TWL064	451	'5811395_/_5811392'		0.7	1.7	3.33	0.54	0.5	2.18	1.25 No	0.5 Element Fault
TWL064	452	'5825502_/_5825516'		0.77	1.7	3.33	0.54	0.5	2.39	1.25 No	0.5 Element Fault
TWL064	453	'66558651_/_43788991'		0.7	1.7	3.33	0.54	0.5	2.14	1.25 No	0.5 Element Fault
TWL064	454	'74277630_/_69966648_2'		0.7	1.7	3.33	0.54	0.5	2.13	1.25 No	0.5 Element Fault
TWL064	455	'463565542_/_438067990_2'		0.6	1.67	3.33	0.54	0.5	2.26	1.25 No	0.5 Element Fault
TWL064	456	'5798921_/_5798931'		0.7	1.67	3.33	0.54	0.5	2.14	1.25 No	0.5 Element Fault
TWL064	457	'5810053_/_5810050'		0.7	1.67	3.33	0.54	0.5	2.12	1.25 No	0.5 Element Fault
TWL064	458	'43790083_/_43790085_1'		0.7	1.67	3.33	0.54	0.5	2.12	1.25 No	0.5 Element Fault
TWL064	459	'331105538_/_5799035'		0.63	1.67	3.33	0.54	0.5	2.31	1.25 No	0.5 Element Fault
TWL064	460	'156378752_/_156372572'		0.7	1.67	3.33	0.54	0.5	2.24	1.25 No	0.5 Element Fault
TWL064	461	'5811487_/_5811485'		1.8	5	10	1.62	1.6	6.76	3.74 No	1.6 Element Fault
TWL064	462	'5811379_/_5822512'		1.8	5	10	1.62	2.7	6.83	3.74 No	1.62 Thermal Discharging
TWL064	463	'5800383_/_5800380'		0.7	1.67	3.33	0.54	0.3	2.12	1.25 No	0.3 Element Fault
TWL064	464	'87347521_/_106259733'		0.73	1.67	3.33	0.54	0.5	2.25	1.25 No	0.5 Element Fault
TWL064	465	'5811034_/_5811031_1'		0.6	1.67	3.33	0.54	0.5	2.28	1.25 No	0.5 Element Fault
TWL064	466	'8679537_/_8679534_2'		0.7	1.67	3.33	0.54	0.5	2.11	1.25 No	0.5 Element Fault
TWL064	467	'5810617_/_5810628'		1.8	5	10	1.62	1.7	6.81	3.74 No	1.62 Thermal Discharging
TWL064	468	'5822298_/_5834838_2'		0.7	1.67	3.33	0.54	0.5	2.13	1.25 No	0.5 Element Fault
TWL064	469	'5833932_/_5833929'		1.8	5	10	1.62	1.6	6.72	3.74 No	1.6 Element Fault
TWL064	470	'5799279_/_5799276'		0.57	1.67	3.33	0.54	0.5	2.35	1.25 No	0.5 Element Fault
TWL064	471	'69966678_/_69966648_1'		0.7	1.67	3.33	0.54	0.5	2.1	1.25 No	0.5 Element Fault
TWL064	472	'43785766_/_5800393'		0.57	1.67	3.33	0.54	0.5	2.35	1.25 No	0.5 Element Fault
TWL064	473	'5811047_/_5811031_2'		0.7	1.67	3.33	0.54	0.5	2.14	1.25 No	0.5 Element Fault
TWL064	474	'5812179_/_5812193_1'		0.6	1.67	3.33	0.54	0.5	2.26	1.25 No	0.5 Element Fault
TWL064	475	'230437048_/_9310566_2'		1.13	3.33	6.67	1.08	1	4.57	2.49 No	1 Element Fault
TWL064	476	'5811216_/_5811226'		0.7	1.63	3.33	0.54	0.5	2.08	1.25 No	0.5 Element Fault
TWL064	477	'5800409_/_43785768'		0.73	1.63	3.33	0.54	0.5	2.33	1.25 No	0.5 Element Fault
TWL064	478	'5814439_/_5814679'		0.77	1.63	3.33	0.54	0.5	2.26	1.25 No	0.5 Element Fault
TWL064	479	'43789078_/_5811638'		0.57	1.63	3.33	0.54	0.5	2.3	1.25 No	0.5 Element Fault
TWL064	480	'5799383_/_5799380'		1.13	3.27	6.67	1.08	1.07	4.47	2.49 No	1.07 Element Fault
TWL064	481	'426679585_/_426679492_1'		0.7	1.63	3.33	0.54	0.5	2.1	1.25 No	0.5 Element Fault
TWL064	482	'5810040_/_5810063'		1.13	3.27	6.67	1.08	0.6	4.47	2.49 No	0.6 Element Fault
TWL064	483	'5800503_/_5800500'		1.8	4.8	10	1.62	1.7	6.64	3.74 No	1.62 Thermal Discharging
TWL064	484	'5814384_/_43789919'		1.13	3.2	6.67	1.08	1	4.48	2.49 No	1 Element Fault
TWL064	485	'5809042_/_5822311'		0.57	1.6	3.33	0.54	0.5	2.18	1.25 No	0.5 Element Fault
TWL064	486	'5806108_/_5834838_1'		0.7	1.6	3.33	0.54	0.5	2.08	1.25 No	0.5 Element Fault
TWL064	487	'146104510_/_146104516'		0.63	1.6	3.33	0.54	0.5	2.22	1.25 No	0.5 Element Fault
TWL064	488	'5798908_/_5798918'		0.57	1.6	3.33	0.54	0.5	2.2	1.25 No	0.5 Element Fault
TWL064	489	'5811060_/_5811057'		0.7	1.6	3.33	0.54	0.5	2.03	1.25 No	0.5 Element Fault
TWL064	490	'5835144_/_5835142'		0.77	1.6	3.33	0.54	0.5	2.2	1.25 No	0.5 Element Fault
TWL064	491	'43789274_/_5812411'		0.7	1.57	3.33	0.54	0.5	2.15	1.25 No	0.5 Element Fault
TWL064	492	'5800516_/_5800513'		0.7	1.57	3.33	0.54	0.5	2.01	1.25 No	0.5 Element Fault
TWL064	493	'72137194_/_64373501_2'		0.7	1.57	3.33	0.54	0.5	2.06	1.25 No	0.5 Element Fault
TWL064	494	'43785656_/_64373501_3'		0.7	1.57	3.33	0.54	0.5	1.99	1.25 No	0.5 Element Fault
TWL064	495	'5800529_/_5800526'		0.7	1.57	3.33	0.54	0.5	2.03	1.25 No	0.5 Element Fault
TWL064	496	'5810027_/_5810037'		0.53	1.57	3.33	0.54	0.5	2.13	1.25 No	0.5 Element Fault
TWL064	497	'70701978_/_5800487'		0.7	1.57	3.33	0.54	0.5	2.04	1.25 No	0.5 Element Fault
TWL064	498	'7416598_/_426679492_2'		0.7	1.53	3.33	0.54	0.3	2.01	1.25 No	0.3 Element Fault
TWL064	499	'5800542_/_5800539'		0.7	1.53	3.33	0.54	0.5	1.97	1.25 No	0.5 Element Fault
TWL064	500	'5812196_/_5812193_2'		1.13	3.07	6.67	1.08	1.8	4.3	2.49 No	1.08 Thermal Discharging
TWL064	501	'5834786_/_5834859'		0.77	1.53	3.33	0.54	0.5	2.16	1.25 No	0.5 Element Fault
TWL064	502	'5811413_/_5811410'		1.6	4.6	10	1.62	2.3	6.36	3.74 No	1.6 Primary Over-Voltage
TWL064	503	'5800422_/_5800419_2'		0.53	1.53	3.33	0.54	0.5	2.22	1.25 No	0.5 Element Fault
TWL064	504	'5800555_/_5800552'		0.7	1.53	3.33	0.54	0.5	1.96	1.25 No	0.5 Element Fault
TWL064	505	'5800769_/_5800766'		1.4	2.9	10	1.62	0.9	6.34	3.74 No	0.9 Element Fault
TWL064	506	'5814398_/_43789930'		0.53	1.53	3.33	0.54	0.5	2.14	1.25 No	0.5 Element Fault
TWL064	507	'5833945_/_5833942'		0.53	1.53	3.33	0.54	0.5	2.18	1.25 No	0.5 Element Fault
TWL064	508	'5800740_/_5800750'		0.7	1.53	3.33	0.54	0.5	1.95	1.25 No	0.5 Element Fault
TWL064	509	'43785832_/_5800779'		0.63	1.53	3.33	0.54	0.5	2.14	1.25 No	0.5 Element Fault
TWL064	510	'5800568_/_5800565'		0.53	1.53	3.33	0.54	0.5	2.1	1.25 No	0.5 Element Fault
TWL064	511	'43788883_/_43788885'		0.7	1.53	3.33	0.54	0.5	1.93	1.25 No	0.5 Element Fault
TWL064	512	'77155029_/_5799393'		0.53	1.5	3.33	0.54	0.5	2.12	1.25 No	0.5 Element Fault
TWL064	513	'5811203_/_5811213'		0.7	1.5	3.33	0.54	0.5	1.93	1.25 No	0.5 Element Fault
TWL064	514	'64373288_/_64373285'		1.13	3	6.67	1.08	1.8	4.22	2.49 No	1.08 Thermal Discharging
TWL064	515	'57385049_/_57385028_1'		1.7	4.5	10	1.62	1.7	6.31	3.74 No	1.62 Thermal Discharging
TWL064	516	'43789225_/_5812210'		0.7	1.5	3.33	0.54	0.5	2.07	1.25 No	0.5 Element Fault
TWL064	517	'5799292_/_5799289'		0.7	1.5	3.33	0.54	0.5	1.99	1.25 No	0.5 Element Fault
TWL064	518	'43785282_/_5798905'		0.7	1.5	3.33	0.54	0.5	1.97	1.25 No	0.5 Element Fault
TWL064	519	'5775401_/_5800792'		0.5	1.47	3.33	0.54	0.5	2.07	1.25 No	0.5 Primary Over-Voltage
TWL064	520	'5812213_/_5812230_1'		0.5	1.47	3.33	0.54	0.5	2.04	1.25 No	0.5 Primary Over-Voltage
TWL064	521	'5810212_/_5810615'		0.5	1.47	3.33	0.54	0.5	2.13	1.25 No	0.5 Primary Over-Voltage
TWL064	522	'5809029_/_5809039'		1.13	2.93	6.67	1.08	1.13	4.11	2.49 No	1.08 Thermal Discharging
TWL064	523	'5800581_/_5800578'		0.73	1.47	3.33	0.54	0.5	2.06	1.25 No	0.5 Element Fault
TWL064	524	'5811073_/_5811070'		0.7	1.47	3.33	0.54	0.5	1.94	1.25 No	0.5 Element Fault
TWL064	525	'5800084_/_5800082'		0.63	1.43	3.33	0.54	0.5	2.05	1.25 No	0.5 Element Fault
TWL064	526	'5775402_/_5775399'		0.5	1.43	3.33	0.54	0.5	2.03	1.25 No	0.5 Primary Over-Voltage
TWL064	527	'5810026_/_5810024'		0.7	1.43	3.33	0.54	0.5	2	1.25 No	0.5 Element Fault
TWL064	528	'5800421_/_5800419_1'		0.7	1.43	3.33	0.54	0.5	1.93	1.25 No	0.5 Element Fault
TWL064	529	'43789201_/_5812343'		0.7	1.43	3.33	0.54	0.5	1.92	1.25 No	0.5 Element Fault
TWL064	530	'106259703_/_87347525'		0.5	1.43	3.33	0.54	0.5	2.08	1.25 No	0.5 Primary Over-Voltage
TWL064	531	'43788894_/_5811425'		1.13	2.8	6.67	1.08	1.13	4.02	2.49 No	1.08 Thermal Discharging
TWL064	532	'5834785_/_5834783'		0.5	1.4	3.33	0.54	0.5	1.98	1.25 No	0.5 Primary Over-Voltage
TWL064	533	'5775415_/_5775412'		1.6	4.2	10	1.62	1.7	6.04	3.74 No	1.6 Primary Over-Voltage
TWL064	534	'5809055_/_5809052'		0.5	1.4	3.33	0.54	0.5	2	1.25 No	0.5 Primary Over-Voltage
TWL064	535	'5812427_/_5812424'		0.5	1.4	3.33	0.54	0.5	2.03	1.25 No	0.5 Primary Over-Voltage
TWL064	536	'5811615_/_5811625'		0.5	1.4	3.33	0.54	0.5	2.03	1.25 No	0.5 Primary Over-Voltage
TWL064	537	'72330943_/_72330327_2'		0.63	1.4	3.33	0.54	0.5	1.99	1.25 No	0.5 Element Fault
TWL064	538	'43785788_/_5800737'		0.7	1.4	3.33	0.54	0.5	1.87	1.25 No	0.5 Element Fault
TWL064	539	'5806107_/_5806105'		0.7	1.4	3.33	0.54	0.5	1.87	1.25 No	0.5 Element Fault
TWL064	540	'72330307_/_72330327_1'		0.47	1.37	3.33	0.54	0.5	1.94	1.25 No	0.47 Primary Over-Voltage
TWL064	541	'5833961_/_5833958'		0.7	1.37	3.33	0.54	0.5	1.87	1.25 No	0.5 Element Fault
TWL064	542	'5811190_/_5811200'		0.63	1.37	3.33	0.54	0.5	1.96	1.25 No	0.5 Element Fault

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TWL064	543	'5812233_/_5812230_2'	0.67	1.37	3.33	0.54	0.5	1.92	1.25 No	0.5	Element Fault
TWL064	544	'5811428_/_43788896'	0.7	1.37	3.33	0.54	0.5	1.95	1.25 No	0.5	Element Fault
TWL064	545	'5834815_/_5834825'	0.67	1.37	3.33	0.54	0.5	1.84	1.25 No	0.5	Element Fault
TWL064	546	'43790072_/_43790074'	1.5	4.1	10	1.62	1.7	5.83	3.74 No	1.5	Primary Over-Voltage
TWL064	547	'5814414_/_5814411'	0.53	1.37	3.33	0.54	0.3	2.03	1.25 No	0.3	Element Fault
TWL064	548	'43785821_/_5800591'	1.5	4.1	10	1.62	1.1	5.82	3.74 No	1.1	Element Fault
TWL064	549	'5811353_/_5811363'	0.63	1.33	3.33	0.54	0.77	1.65	1.25 No	0.54	Thermal Discharging
TWL064	550	'5798882_/_5798892'	0.67	1.33	3.33	0.54	0.5	1.84	1.25 No	0.5	Element Fault
TWL064	551	'5775430_/_54466977'	0.53	1.33	3.33	0.54	0.3	2.02	1.25 No	0.3	Element Fault
TWL064	552	'5812440_/_5812437'	0.47	1.33	3.33	0.54	0.5	1.92	1.25 No	0.47	Primary Over-Voltage
TWL064	553	'43785689_/_5800137'	0.67	1.33	3.33	0.54	0.5	1.82	1.25 No	0.5	Element Fault
TWL064	554	'5775431_/_5775428'	0.63	1.33	3.33	0.54	0.5	1.92	1.25 No	0.5	Element Fault
TWL064	555	'5811189_/_5811187'	0.47	1.33	3.33	0.54	0.5	1.95	1.25 No	0.47	Primary Over-Voltage
TWL064	556	'43785810_/_5800432'	0.47	1.33	3.33	0.54	0.5	1.9	1.25 No	0.47	Primary Over-Voltage
TWL064	557	'43787979_/_5809026'	0.67	1.33	3.33	0.54	0.5	1.8	1.25 No	0.5	Element Fault
TWL064	558	'5775444_/_5775441'	0.67	1.3	3.33	0.54	0.5	1.81	1.25 No	0.5	Element Fault
TWL064	559	'43788800_/_5811083'	0.67	1.3	3.33	0.54	0.5	1.79	1.25 No	0.5	Element Fault
TWL064	560	'5834802_/_5834812'	0.67	1.3	3.33	0.54	0.5	1.88	1.25 No	0.5	Element Fault
TWL064	561	'5814427_/_5814424'	0.63	1.3	3.33	0.54	0.5	1.84	1.25 No	0.5	Element Fault
TWL064	562	'5800714_/_5800724'	0.63	1.3	3.33	0.54	0.5	1.77	1.25 No	0.5	Element Fault
TWL064	563	'5800607_/_5800604'	0.63	1.3	3.33	0.54	0.5	1.77	1.25 No	0.5	Element Fault
TWL064	564	'57385021_/_57385028_2'	0.43	1.27	3.33	0.54	0.5	1.85	1.25 No	0.43	Primary Over-Voltage
TWL064	565	'43786042_/_5775454'	0.63	1.27	3.33	0.54	0.5	1.86	1.25 No	0.5	Element Fault
TWL064	566	'5814646_/_5814643'	0.63	1.27	3.33	0.54	0.5	1.75	1.25 No	0.5	Element Fault
TWL064	567	'5812453_/_5812450'	0.63	1.27	3.33	0.54	0.5	1.74	1.25 No	0.5	Element Fault
TWL064	568	'72329778_/_72329783'	0.6	1.27	3.33	0.54	0.77	1.58	1.25 No	0.54	Thermal Discharging
TWL064	569	'5810213_/_5810210'	0.43	1.23	3.33	0.54	0.5	1.81	1.25 No	0.43	Primary Over-Voltage
TWL064	570	'5802262_/_43786044'	0.63	1.23	3.33	0.54	0.5	1.82	1.25 No	0.5	Element Fault
TWL064	571	'114816621_/_72331042_1'	0.6	1.23	3.33	0.54	0.5	1.78	1.25 No	0.5	Element Fault
TWL064	572	'5812359_/_43789203'	0.6	1.23	3.33	0.54	0.5	1.82	1.25 No	0.5	Element Fault
TWL064	573	'5811602_/_5811612'	0.63	1.23	3.33	0.54	0.5	1.72	1.25 No	0.5	Element Fault
TWL064	574	'589626752_/_5809068'	0.6	1.23	3.33	0.54	0.5	1.71	1.25 No	0.5	Element Fault
TWL064	575	'43788248_/_5808948'	0.43	1.23	3.33	0.54	0.53	1.55	1.25 No	0.43	Primary Over-Voltage
TWL064	576	'5802275_/_5802272'	0.43	1.23	3.33	0.54	0.5	1.78	1.25 No	0.43	Primary Over-Voltage
TWL064	577	'43792727_/_43792729'	1.4	3.7	10	1.62	1.1	5.35	3.74 No	1.1	Element Fault
TWL064	578	'5811340_/_5811350'	0.6	1.2	3.33	0.54	0.5	1.75	1.25 No	0.5	Element Fault
TWL064	579	'43786053_/_5802285'	0.6	1.2	3.33	0.54	0.5	1.69	1.25 No	0.5	Element Fault
TWL064	580	'5798881_/_77591614'	0.6	1.2	3.33	0.54	0.5	1.77	1.25 No	0.5	Element Fault
TWL064	581	'54466884_/_43786055'	0.6	1.2	3.33	0.54	0.5	1.76	1.25 No	0.5	Element Fault
TWL064	582	'5814667_/_5814664'	0.6	1.2	3.33	0.54	0.5	1.67	1.25 No	0.5	Element Fault
TWL064	583	'5809071_/_589626756'	0.43	1.2	3.33	0.54	0.5	1.75	1.25 No	0.43	Primary Over-Voltage
TWL064	584	'5812250_/_5812247'	0.43	1.2	3.33	0.54	0.53	1.52	1.25 No	0.43	Primary Over-Voltage
TWL064	585	'5800153_/_43785691'	0.43	1.2	3.33	0.54	0.53	1.52	1.25 No	0.43	Primary Over-Voltage
TWL064	586	'5834801_/_5834799'	0.57	1.2	3.33	0.54	0.5	1.71	1.25 No	0.5	Element Fault
TWL064	587	'5800448_/_5800445'	0.6	1.2	3.33	0.54	0.5	1.67	1.25 No	0.5	Element Fault
TWL064	588	'43789113_/_5811877'	0.6	1.17	3.33	0.54	0.5	1.64	1.25 No	0.5	Element Fault
TWL064	589	'5800620_/_5800617'	0.6	1.17	3.33	0.54	0.5	1.72	1.25 No	0.5	Element Fault
TWL064	590	'5806081_/_5806079'	0.57	1.17	3.33	0.54	0.5	1.72	1.25 No	0.5	Element Fault
TWL064	591	'5808951_/_43788250'	0.57	1.17	3.33	0.54	0.3	1.5	1.25 No	0.3	Element Fault
TWL064	592	'5809003_/_5809013'	0.4	1.17	3.33	0.54	0.3	1.5	1.25 No	0.3	Element Fault
TWL064	593	'5799051_/_86112215'	0.4	1.17	3.33	0.54	0.53	1.49	1.25 No	0.4	Primary Over-Voltage
TWL064	594	'87145858_/_5810223'	0.4	1.17	3.33	0.54	0.3	1.49	1.25 No	0.3	Element Fault
TWL064	595	'5811099_/_43788802'	0.4	1.13	3.33	0.54	0.3	1.49	1.25 No	0.3	Element Fault
TWL064	596	'44881968_/_5834872'	0.57	1.13	3.33	0.54	0.3	1.49	1.25 No	0.3	Element Fault
TWL064	597	'43789238_/_5814506'	0.57	1.13	3.33	0.54	0.5	1.62	1.25 No	0.5	Element Fault
TWL064	598	'5810484_/_5810481'	0.57	1.13	3.33	0.54	0.5	1.61	1.25 No	0.5	Element Fault
TWL064	599	'43785777_/_5800711'	0.57	1.13	3.33	0.54	0.5	1.62	1.25 No	0.5	Element Fault
TWL064	600	'43789263_/_5812463'	0.53	1.13	3.33	0.54	0.5	1.66	1.25 No	0.5	Element Fault
TWL064	601	'589626770_/_5820190'	0.57	1.13	3.33	0.54	0.5	1.61	1.25 No	0.5	Element Fault
TWL064	602	'43788872_/_43788874'	0.57	1.13	3.33	0.54	0.5	1.67	1.25 No	0.5	Element Fault
TWL064	603	'5812372_/_5812369'	0.53	1.1	3.33	0.54	0.3	1.44	1.25 No	0.3	Element Fault
TWL064	604	'43785700_/_5800163'	0.53	1.1	3.33	0.54	0.5	1.6	1.25 No	0.5	Element Fault
TWL064	605	'5800461_/_5800458'	0.53	1.07	3.33	0.54	0.5	1.61	1.25 No	0.5	Element Fault
TWL064	606	'5800633_/_5800630'	0.5	1.07	3.33	0.54	0.5	1.57	1.25 No	0.5	Primary Over-Voltage
TWL064	607	'77591155_/_77591132'	0.53	1.03	3.33	0.54	0.5	1.56	1.25 No	0.5	Element Fault
TWL064	608	'5810239_/_5810236'	0.37	1.03	3.33	0.54	0.3	1.38	1.25 No	0.3	Element Fault
TWL064	609	'5814509_/_43789240'	0.5	1.03	3.33	0.54	0.5	1.52	1.25 No	0.5	Primary Over-Voltage
TWL064	610	'43789250_/_5812264'	0.37	1.03	3.33	0.54	0.3	1.38	1.25 No	0.3	Element Fault
TWL064	611	'146104755_/_146104898'	0.37	1.03	3.33	0.54	0.3	1.37	1.25 No	0.3	Element Fault
TWL064	612	'336317369_/_43787854'	0.5	1.03	3.33	0.54	0.3	1.37	1.25 No	0.3	Element Fault
TWL064	613	'5799064_/_86112330'	0.37	1	3.33	0.54	0.3	1.37	1.25 No	0.3	Element Fault
TWL064	614	'5811588_/_5811599'	0.5	1	3.33	0.54	0.5	1.49	1.25 No	0.5	Primary Over-Voltage
TWL064	615	'5811177_/_5811890'	0.5	1	3.33	0.54	0.5	1.51	1.25 No	0.5	Primary Over-Voltage
TWL064	616	'77591162_/_77591159'	0.33	1	3.33	0.54	0.3	1.33	1.25 No	0.3	Element Fault
TWL064	617	'5811112_/_5811109'	0.47	0.97	3.33	0.54	0.5	1.46	1.25 No	0.47	Primary Over-Voltage
TWL064	618	'5808990_/_5809000'	0.47	0.97	3.33	0.54	0.3	1.33	1.25 No	0.3	Element Fault
TWL064	619	'5811314_/_5811324'	0.5	0.97	3.33	0.54	0.5	1.48	1.25 No	0.5	Primary Over-Voltage
TWL064	620	'5800688_/_5800698'	0.33	0.97	3.33	0.54	0.3	1.32	1.25 No	0.3	Element Fault
TWL064	621	'5800649_/_5800646'	0.47	0.97	3.33	0.54	0.5	1.44	1.25 No	0.47	Primary Over-Voltage
TWL064	622	'5810252_/_5810249'	0.33	0.97	3.33	0.54	0.3	1.31	1.25 No	0.3	Element Fault
TWL064	623	'5800474_/_5800471'	0.47	0.93	3.33	0.54	0.3	1.3	1.25 No	0.3	Element Fault
TWL064	624	'5811301_/_5811311'	0.5	0.93	3.33	0.54	0.5	1.44	1.25 No	0.5	Primary Over-Voltage
TWL064	625	'5800179_/_5800176'	0.47	0.93	3.33	0.54	0.5	1.41	1.25 No	0.47	Primary Over-Voltage
TWL064	626	'5812479_/_5812476'	0.33	0.93	3.33	0.54	0.3	1.29	1.25 No	0.3	Element Fault
TWL064	627	'54466775_/_54466688'	0.33	0.93	3.33	0.54	0.3	1.27	1.25 No	0.3	Element Fault
TWL064	628	'5812290_/_43789252'	0.43	0.93	3.33	0.54	0.5	1.38	1.25 No	0.43	Primary Over-Voltage
TWL064	629	'51251346_/_51251353'	0.47	0.9	3.33	0.54	0.5	1.4	1.25 No	0.47	Primary Over-Voltage
TWL064	630	'7417083_/_7417081_1'	0.43	0.9	3.33	0.54	0.5	1.35	1.25 No	0.43	Primary Over-Voltage
TWL064	631	'54466529_/_54466442'	0.47	0.87	3.33	0.54	0.5	1.36	1.25 No	0.47	Primary Over-Voltage
TWL064	632	'5811589_/_5811586'	0.43	0.87	3.33	0.54	0.5	1.32	1.25 No	0.43	Primary Over-Voltage
TWL064	633	'51251380_/_51251387'	0.43	0.87	3.33	0.54	0.5	1.32	1.25 No	0.43	Primary Over-Voltage
TWL064	634	'5807626_/_5834283'	0.43	0.83	3.33	0.54	0.5	1.3	1.25 No	0.43	Primary Over-Voltage
TWL064	635	'43785293_/_5799074'	0.43	0.83	3.33	0.54	0.5	1.28	1.25 No	0.43	Primary Over-Voltage
TWL064	636	'5800675_/_5800685'	0.4	0.8	3.33	0.54	0.5	1.25	1.25 No	0.4	Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TWL064	637	'5808977_/_5808987'		0.4	0.77	3.33	0.54	0.5	1.21	1.25 No	0.4 Primary Over-Voltage
TWL064	638	'43790061_/_43790063'		0.4	0.77	3.33	0.54	0.5	1.19	1.25 No	0.4 Primary Over-Voltage
TWL064	639	'5811164_/_5811174'		0.37	0.73	3.33	0.54	0.5	1.16	1.25 No	0.37 Primary Over-Voltage
TWL064	640	'5812388_/_5812385'		0.37	0.7	3.33	0.54	0.5	1.12	1.25 No	0.37 Primary Over-Voltage
TWL064	641	'43788861_/_43788863'		0.37	0.7	3.33	0.54	0.5	1.11	1.25 No	0.37 Primary Over-Voltage
TWL064	642	'54466778_/_54466707'		0.37	0.67	3.33	0.54	0.5	1.08	1.25 No	0.37 Primary Over-Voltage
TWL064	643	'5811125_/_5811122'		0.33	0.67	3.33	0.54	0.5	1.07	1.25 No	0.33 Primary Over-Voltage
TWL064	644	'54466532_/_54466461'		0.33	0.67	3.33	0.54	0.5	1.06	1.25 No	0.33 Primary Over-Voltage
TWL064	645	'146104554_/_146104773'		0.33	0.67	3.33	0.54	0.5	1.05	1.25 No	0.33 Primary Over-Voltage
TWL064	646	'5800662_/_5800672'		0.33	0.63	3.33	0.54	0.5	1.02	1.25 No	0.33 Primary Over-Voltage
TWL064	647	'5812492_/_5812489'		0.33	0.63	3.33	0.54	0.5	1.01	1.25 No	0.33 Primary Over-Voltage
TWL064	648	'43785711_/_5800192'		0.3	0.6	3.33	0.54	0.5	0.98	1.25 No	0.3 Primary Over-Voltage
TWL064	649	'5807613_/_5807623'		0.3	0.6	3.33	0.54	0.5	0.94	1.25 No	0.3 Primary Over-Voltage
TWL064	650	'54466782_/_54466730'		0.3	0.57	3.33	0.54	0.5	0.9	1.25 No	0.3 Primary Over-Voltage
TWL065	0	'TWL065_/_8366254'		10	10	10	2.49	10	1.02	1.21 No	1.02 Breaker Reach
TWL065	1	'8366256_/_8366254'		10	10	10	2.49	10	1.03	1.21 No	1.03 Breaker Reach
TWL065	2	'8678945_/_9622493'		10	10	10	2.49	10	2.03	2.42 No	2.03 Breaker Reach
TWL065	3	'8678944_/_8678942'		10	10	10	2.49	10	1.02	1.21 No	1.02 Breaker Reach
TWL065	4	'7416093_/_9309824'		10	10	10	2.49	10	1.02	1.21 No	1.02 Breaker Reach
TWL065	5	'7416094_/_7416091'		10	10	10	2.49	10	1.01	1.21 No	1.01 Breaker Reach
TWL065	6	'8678805_/_8678802'		10	10	10	2.49	10	1	1.21 No	1 Breaker Reach
TWL065	7	'8991657_/_9310024'		10	10	10	2.49	10	1	1.21 No	1 Breaker Reach
TWL065	8	'8991658_/_8991655'		10	10	10	2.49	10	1.98	2.42 No	1.98 Breaker Reach
TWL065	9	'9073916_/_463565122'		10	10	10	2.49	10	0.99	1.21 No	0.99 Breaker Reach
TWL065	10	'9073895_/_9073913'		10	10	10	2.49	10	0.98	1.21 No	0.98 Breaker Reach
TWL065	11	'9073896_/_9073893'		10	10	10	2.49	10	0.97	1.21 No	0.97 Breaker Reach
TWL065	12	'9310127_/_9310124'		9	10	10	2.49	10	0.96	1.21 No	0.96 Breaker Reach
TWL065	13	'9622596_/_9622593'		8.2	10	10	2.49	10	0.96	1.21 No	0.96 Breaker Reach
TWL065	14	'8656579_/_9682928'		7.7	10	10	2.49	10	0.96	1.21 No	0.96 Breaker Reach
TWL065	15	'7399004_/_8656576'		7.3	10	10	2.49	10	0.95	1.21 No	0.95 Breaker Reach
TWL065	16	'7399005_/_7399002'		6.9	10	10	2.49	10	0.94	1.21 No	0.94 Breaker Reach
TWL065	17	'8340825_/_9604419'		6.5	10	10	2.49	10	0.93	1.21 No	0.93 Breaker Reach
TWL065	18	'8340826_/_8340823'		6.2	10	10	2.49	10	0.93	1.21 No	0.93 Breaker Reach
TWL065	19	'8656238_/_9289785'		6.1	10	10	2.49	10	0.93	1.21 No	0.93 Breaker Reach
TWL065	20	'8656239_/_8656236'		5.9	10	10	2.49	10	0.93	1.21 No	0.93 Breaker Reach
TWL065	21	'8976384_/_8976381'		5.7	10	10	2.49	10	0.93	1.21 No	0.93 Breaker Reach
TWL065	22	'8656118_/_9604519'		5.5	10	10	2.49	10	0.93	1.21 No	0.93 Breaker Reach
TWL065	23	'8332487_/_740155127'		5.3	10	10	2.49	10	0.93	1.21 No	0.93 Breaker Reach
TWL065	24	'37911993_/_8332484'		5.2	10	10	2.49	10	0.92	1.21 No	0.92 Breaker Reach
TWL065	25	'404420036_/_37911997'		5.2	10	10	2.49	10	0.92	1.21 No	0.92 Breaker Reach
TWL065	26	'37911958_/_37911962'		5.2	10	10	2.49	5.1	0.92	1.21 No	0.92 Breaker Reach
TWL065	27	'37911972_/_37911969'		5.2	10	10	2.49	5	0.92	1.21 No	0.92 Breaker Reach
TWL065	28	'37912007_/_37912004'		5.2	10	10	2.49	10	0.92	1.21 No	0.92 Breaker Reach
TWL065	29	'9289255_/_9289253'		5.1	10	10	2.49	5.1	0.91	1.21 No	0.91 Breaker Reach
TWL065	30	'7398451_/_8975867'		5.2	10	10	2.49	10	0.91	1.21 No	0.91 Breaker Reach
TWL065	31	'8332406_/_9289585'		4.9	10	10	2.49	5.1	0.9	1.21 No	0.9 Breaker Reach
TWL065	32	'7398450_/_7398448'		5	10	10	2.49	10	0.9	1.21 No	0.9 Breaker Reach
TWL065	33	'383113205_/_8332404'		4.7	10	10	2.49	5.1	0.89	1.21 No	0.89 Breaker Reach
TWL065	34	'8350313_/_381298304'		4.7	10	10	2.49	10	0.89	1.21 No	0.89 Breaker Reach
TWL065	35	'381299013_/_381299032'		4.4	9.7	10	2.49	5.1	0.87	1.21 No	0.87 Breaker Reach
TWL065	36	'7398531_/_8975787'		4.6	9.5	10	2.49	10	0.86	1.21 No	0.86 Breaker Reach
TWL065	37	'444532227_/_442866367'		4.2	9.2	10	2.49	5.1	0.84	1.21 No	0.84 Breaker Reach
TWL065	38	'7398431_/_7398528'		4.5	9.1	10	2.49	10	2.49	2.49 No	2.49 Thermal Discharging
TWL065	39	'442866314_/_381299157'		4.2	9.2	10	2.49	5.1	2.49	2.49 No	2.49 Thermal Discharging
TWL065	40	'381298348_/_442865862'		4.2	9.2	10	2.49	5.1	2.49	2.49 No	2.49 Thermal Discharging
TWL065	41	'442866308_/_442865854'		4.2	9.2	10	2.49	2.4	2.49	2.49 No	2.4 Element Fault
TWL065	42	'442866320_/_442865870'		4.2	9.2	10	2.49	5.1	2.49	2.49 No	2.49 Thermal Discharging
TWL065	43	'7398430_/_7398428'		4.4	8.9	10	2.49	10	2.49	2.49 No	2.49 Thermal Discharging
TWL065	44	'383113220_/_381299209'		4	8.8	10	2.49	5.1	2.49	2.49 No	2.49 Thermal Discharging
TWL065	45	'8332467_/_9289233'		4.3	8.6	10	2.49	10	2.49	2.49 No	2.49 Thermal Discharging
TWL065	46	'8656099_/_383113327'		3.9	8.5	10	2.49	5.1	2.49	2.49 No	2.49 Thermal Discharging
TWL065	47	'393316743_/_356096967'		3.9	8.5	10	2.49	5	2.49	2.49 No	2.49 Thermal Discharging
TWL065	48	'393316786_/_393316805'		3.9	8.5	10	2.49	5	2.49	2.49 No	2.49 Thermal Discharging
TWL065	49	'8332447_/_8332464'		4.3	8.5	10	2.49	10	2.49	2.49 No	2.49 Thermal Discharging
TWL065	50	'8332446_/_8332444'		4.2	8.3	10	2.49	10	2.49	2.49 No	2.49 Thermal Discharging
TWL065	51	'8035284_/_8976261'		3.7	8.2	10	2.49	5.1	2.49	2.49 No	2.49 Thermal Discharging
TWL065	52	'8350294_/_8350291'		4.1	8	10	2.49	10	2.49	2.49 No	2.49 Thermal Discharging
TWL065	53	'7398845_/_8035281'		3.6	7.9	10	2.49	5.1	2.49	2.49 No	2.49 Thermal Discharging
TWL065	54	'37911846_/_7712033'		3.5	7.8	10	2.49	5.1	2.49	2.49 No	2.49 Thermal Discharging
TWL065	55	'37911839_/_37911843'		3.5	7.8	10	2.49	5.1	2.49	2.49 No	2.49 Thermal Discharging
TWL065	56	'37911832_/_37911836'		3.5	7.8	10	2.49	5.1	2.49	2.49 No	2.49 Thermal Discharging
TWL065	57	'37911860_/_37911864'		3.5	7.8	10	2.49	5.1	2.49	2.49 No	2.49 Thermal Discharging
TWL065	58	'404419748_/_404419745'		3.5	7.8	10	2.49	5.1	2.49	2.49 No	2.49 Thermal Discharging
TWL065	59	'9289215_/_9589203'		4.1	7.7	10	2.49	10	2.49	2.49 No	2.49 Thermal Discharging
TWL065	60	'7398410_/_9289213'		4	7.5	10	2.49	10	2.49	2.49 No	2.49 Thermal Discharging
TWL065	61	'37911902_/_7398842'		3.4	7.5	10	2.49	5.1	2.49	2.49 No	2.49 Thermal Discharging
TWL065	62	'37911881_/_37911906'		3.4	7.5	10	2.49	5.1	2.49	2.49 No	2.49 Thermal Discharging
TWL065	63	'404419793_/_404419790'		3.4	7.5	10	2.49	5.1	2.49	2.49 No	2.49 Thermal Discharging
TWL065	64	'37911874_/_37911878'		3.4	7.5	10	2.49	5.1	2.49	2.49 No	2.49 Thermal Discharging
TWL065	65	'37911888_/_37911885'		3.4	7.5	10	2.49	5.1	2.49	2.49 No	2.49 Thermal Discharging
TWL065	66	'7398844_/_470191016'		3.3	7.3	10	2.49	5.1	2.49	2.49 No	2.49 Thermal Discharging
TWL065	67	'8034666_/_8034663'		3.3	7.3	10	2.49	5.1	2.49	2.49 No	2.49 Thermal Discharging
TWL065	68	'7398411_/_7398408'		3.9	7.3	10	2.49	10	2.49	2.49 No	2.49 Thermal Discharging
TWL065	69	'8656179_/_8656176_1'		3.9	7.3	10	2.49	10	2.49	2.49 No	2.49 Thermal Discharging
TWL065	70	'5424744_/_8656176_2'		3.9	7.3	10	2.49	10	2.49	2.49 No	2.49 Thermal Discharging
TWL065	71	'5424521_/_5424742'		3.9	7.2	10	2.49	10	2.49	2.49 No	2.49 Thermal Discharging
TWL065	72	'43710723_/_5424776'		3.8	7.1	10	2.49	10	2.49	2.49 No	2.49 Thermal Discharging
TWL065	73	'5424504_/_5424518'		3.9	7.1	10	2.49	10	2.49	2.49 No	2.49 Thermal Discharging
TWL065	74	'5424487_/_5424501'		3.8	7	10	2.49	10	2.49	2.49 No	2.49 Thermal Discharging
TWL065	75	'5424541_/_5424538'		3.8	7	10	2.49	10	2.49	2.49 No	2.49 Thermal Discharging
TWL065	76	'5424779_/_43710725'		2.5	5.4	10	2.49	1.1	2.49	2.49 No	1.1 Element Fault
TWL065	77	'5424486_/_5424484'		3.8	7	10	2.49	10	2.49	2.49 No	2.49 Thermal Discharging
TWL065	78	'8655711_/_8655708'		3.8	7	10	2.49	5.1	2.49	2.49 No	2.49 Thermal Discharging
TWL065	79	'43710736_/_43710738'		3.8	6.9	10	2.49	10	2.49	2.49 No	2.49 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TWL065	80	'43710710_/5424555'		3.8	6.9	10	2.49	10	2.49	2.49 No	2.49 Thermal Discharging
TWL065	81	'5424761_/9604499_1'		3.8	6.9	10	2.49	10	2.49	2.49 No	2.49 Thermal Discharging
TWL065	82	'5424575_/5424572'		3.7	6.9	10	2.49	10	2.49	2.49 No	2.49 Thermal Discharging
TWL065	83	'5424591_/5424589'		3.7	6.9	10	2.49	10	2.49	2.49 No	2.49 Thermal Discharging
TWL065	84	'155922108_/5422041_1'		3.7	6.9	10	2.49	1.5	2.49	2.49 No	1.5 Element Fault
TWL065	85	'430385242_/430385261'		3.1	6.8	10	2.49	5	2.49	2.49 No	2.49 Thermal Discharging
TWL065	86	'43710659_/5424606'		3.7	6.8	10	2.49	10	2.49	2.49 No	2.49 Thermal Discharging
TWL065	87	'5424435_/43710661'		3.7	6.7	10	2.49	10	2.49	2.49 No	2.49 Thermal Discharging
TWL065	88	'5424436_/5424433'		3.6	6.7	10	2.49	10	2.49	2.49 No	2.49 Thermal Discharging
TWL065	89	'50579447_/5424450'		3.6	6.6	10	2.49	10	2.49	2.49 No	2.49 Thermal Discharging
TWL065	90	'5424453_/55861057'		3.6	6.6	10	2.49	10	2.49	2.49 No	2.49 Thermal Discharging
TWL065	91	'50579489_/50579445_1'		3.6	6.6	10	2.49	1.8	2.49	2.49 No	1.8 Element Fault
TWL065	92	'7712376_/470191048'		3	6.5	10	2.49	5.1	2.49	2.49 No	2.49 Thermal Discharging
TWL065	93	'5429140_/5429150_1'	1.23	2.17	3.33	0.83	0.5	0.83	0.83 No	0.5 Element Fault	0.5 Element Fault
TWL065	94	'5424470_/5424467'		3.5	6.5	10	2.49	10	2.49	2.49 No	2.49 Thermal Discharging
TWL065	95	'430385289_/430385308'		3	6.5	10	2.49	5	2.49	2.49 No	2.49 Thermal Discharging
TWL065	96	'5429205_/5429202'		1.2	2.17	3.33	0.83	1.2	0.83	0.83 No	0.83 Thermal Discharging
TWL065	97	'428108394_/442866406'		2.9	6.4	10	2.49	2.4	2.49	2.49 No	2.4 Element Fault
TWL065	98	'43710624_/5427766'		3.5	6.4	10	2.49	10	2.49	2.49 No	2.49 Thermal Discharging
TWL065	99	'37911818_/470191076'		2.9	6.4	10	2.49	5.1	2.49	2.49 No	2.49 Thermal Discharging
TWL065	100	'37911797_/37911822'		2.9	6.4	10	2.49	5.1	2.49	2.49 No	2.49 Thermal Discharging
TWL065	101	'404419679_/404419676'		2.9	6.4	10	2.49	5.1	2.49	2.49 No	2.49 Thermal Discharging
TWL065	102	'37911804_/37911801'		2.9	6.4	10	2.49	5.1	2.49	2.49 No	2.49 Thermal Discharging
TWL065	103	'37911790_/37911794'		2.9	6.4	10	2.49	5.1	2.49	2.49 No	2.49 Thermal Discharging
TWL065	104	'635062239_/429246812'		2.9	6.4	10	2.49	5	2.49	2.49 No	2.49 Thermal Discharging
TWL065	105	'5427667_/43710626'		3.5	6.4	10	2.49	10	2.49	2.49 No	2.49 Thermal Discharging
TWL065	106	'5429218_/5429228_1'	1.2	2.13	3.33	0.83	0.5	0.83	0.83 No	0.5 Element Fault	0.5 Element Fault
TWL065	107	'37907040_/9604499_2'		3.6	6.4	10	2.49	10	2.49	2.49 No	2.49 Thermal Discharging
TWL065	108	'57522434_/37907276'		3.6	6.4	10	2.49	10	2.49	2.49 No	2.49 Thermal Discharging
TWL065	109	'8655730_/8655728'		3.5	6.4	10	2.49	5.1	2.49	2.49 No	2.49 Thermal Discharging
TWL065	110	'37907026_/37907255'		3.6	6.4	10	2.49	5.1	2.49	2.49 No	2.49 Thermal Discharging
TWL065	111	'37907244_/37907248'		3.6	6.4	10	2.49	5.2	2.49	2.49 No	2.49 Thermal Discharging
TWL065	112	'37907034_/37907269'		3.6	6.4	10	2.49	10	2.49	2.49 No	2.49 Thermal Discharging
TWL065	113	'51912006_/5429854'		3.4	6.3	10	2.49	10	2.49	2.49 No	2.49 Thermal Discharging
TWL065	114	'5427650_/5427664'		3.4	6.3	10	2.49	10	2.49	2.49 No	2.49 Thermal Discharging
TWL065	115	'399433373_/428108413'		2.9	6.3	10	2.49	2.4	2.49	2.49 No	2.4 Element Fault
TWL065	116	'635062104_/635062172'		2.9	6.3	10	2.49	5	2.49	2.49 No	2.49 Thermal Discharging
TWL065	117	'8976671_/8976669_1'		3.4	6.3	10	2.49	1.5	2.49	2.49 No	1.5 Element Fault
TWL065	118	'51912035_/51912009'		3.4	6.3	10	2.49	10	2.49	2.49 No	2.49 Thermal Discharging
TWL065	119	'5427630_/5427647'		3.4	6.3	10	2.49	10	2.49	2.49 No	2.49 Thermal Discharging
TWL065	120	'73783449_/9589183'		2.8	6.2	10	2.49	1.1	2.49	2.49 No	1.1 Element Fault
TWL065	121	'5429153_/5429150_2'	1.23	2.07	3.33	0.83	0.5	0.83	0.83 No	0.5 Element Fault	0.5 Element Fault
TWL065	122	'54383650_/51912038_2'		3.4	6.2	10	2.49	10	2.49	2.49 No	2.49 Thermal Discharging
TWL065	123	'9289121_/9589031'		3.4	6.2	10	2.49	5.1	2.49	2.49 No	2.49 Thermal Discharging
TWL065	124	'51912064_/51912038_1'		3.4	6.2	10	2.49	10	2.49	2.49 No	2.49 Thermal Discharging
TWL065	125	'114818531_/51912245_1'		3.4	6.2	10	2.49	10	2.49	2.49 No	2.49 Thermal Discharging
TWL065	126	'5427629_/5427627_1'		3.4	6.2	10	2.49	10	2.49	2.49 No	2.49 Thermal Discharging
TWL065	127	'43710469_/5427627_2'		3.4	6.2	10	2.49	10	2.49	2.49 No	2.49 Thermal Discharging
TWL065	128	'8034457_/8034455'		3.5	6.2	10	2.49	5.1	2.49	2.49 No	2.49 Thermal Discharging
TWL065	129	'635062213_/635062136'		2.8	6.2	10	2.49	5	2.49	2.49 No	2.49 Thermal Discharging
TWL065	130	'155922080_/5422041_2'		3.3	6.1	10	2.49	1.5	2.49	2.49 No	1.5 Element Fault
TWL065	131	'5427325_/43710471'		3.3	6.1	10	2.49	10	2.49	2.49 No	2.49 Thermal Discharging
TWL065	132	'50579421_/50579445_2'		3.3	6.1	10	2.49	1.8	2.49	2.49 No	1.8 Element Fault
TWL065	133	'7712375_/7712373'		2.8	6.1	10	2.49	1.1	2.49	2.49 No	1.1 Element Fault
TWL065	134	'43710456_/5427610'		3.3	6.1	10	2.49	10	2.49	2.49 No	2.49 Thermal Discharging
TWL065	135	'8350085_/9289079'		3.4	6.1	10	2.49	5.1	2.49	2.49 No	2.49 Thermal Discharging
TWL065	136	'5426374_/51912407'		3.3	6	10	2.49	4.9	2.49	2.49 No	2.49 Thermal Discharging
TWL065	137	'37911944_/9604279'		2.7	6	10	2.49	1.1	2.49	2.49 No	1.1 Element Fault
TWL065	138	'37911923_/37911948'		2.7	6	10	2.49	1.1	2.49	2.49 No	1.1 Element Fault
TWL065	139	'8655564_/9289119'		3.3	6	10	2.49	5.1	2.49	2.49 No	2.49 Thermal Discharging
TWL065	140	'404419916_/404419913'		2.7	6	10	2.49	1.1	2.49	2.49 No	1.1 Element Fault
TWL065	141	'37911916_/37911920'		2.7	6	10	2.49	1.1	2.49	2.49 No	1.1 Element Fault
TWL065	142	'37911930_/37911927'		2.7	6	10	2.49	1.1	2.49	2.49 No	1.1 Element Fault
TWL065	143	'5429231_/5429228_2'	1.2	2	3.33	0.83	0.5	0.83	0.83 No	0.5 Element Fault	0.5 Element Fault
TWL065	144	'5427542_/5427539'		3.3	6	10	2.49	10	2.49	2.49 No	2.49 Thermal Discharging
TWL065	145	'54383731_/5426371_1'		3.3	6	10	2.49	2.5	2.49	2.49 No	2.49 Thermal Discharging
TWL065	146	'5427311_/5427322'		1.1	2	3.33	0.83	1.2	0.83	0.83 No	0.83 Thermal Discharging
TWL065	147	'8976672_/8976669_2'		3.2	6	10	2.49	1.5	2.49	2.49 No	1.5 Element Fault
TWL065	148	'5427559_/5427556'		3.3	6	10	2.49	10	2.49	2.49 No	2.49 Thermal Discharging
TWL065	149	'7398215_/8350083'		2.4	6	10	2.49	5.1	2.49	2.49 No	2.49 Thermal Discharging
TWL065	150	'7398490_/7398488'		2.7	6	10	2.49	1.1	2.49	2.49 No	1.1 Element Fault
TWL065	151	'8655565_/8655562'		3.3	5.9	10	2.49	5.1	2.49	2.49 No	2.49 Thermal Discharging
TWL065	152	'543317142_/543317236'		2.7	5.9	10	2.49	5.1	2.49	2.49 No	2.49 Thermal Discharging
TWL065	153	'5427299_/5427309'		1.1	1.97	3.33	0.83	1.2	0.83	0.83 No	0.83 Thermal Discharging
TWL065	154	'5427576_/5427573'		3.2	5.9	10	2.49	10	2.49	2.49 No	2.49 Thermal Discharging
TWL065	155	'5426323_/5426371_2'		3.2	5.9	10	2.49	2.5	2.49	2.49 No	2.49 Thermal Discharging
TWL065	156	'5427279_/5427590'		3.2	5.9	10	2.49	10	2.49	2.49 No	2.49 Thermal Discharging
TWL065	157	'7398864_/8035241'		2.6	5.8	10	2.49	1.1	2.49	2.49 No	1.1 Element Fault
TWL065	158	'5428051_/5428065_1'		3.2	5.8	10	2.49	0.9	2.49	2.49 No	0.9 Element Fault
TWL065	159	'5426339_/5428065_2'		3.1	5.8	10	2.49	0.9	2.49	2.49 No	0.9 Element Fault
TWL065	160	'37907286_/8655442'		3.3	5.8	10	2.49	5.2	2.49	2.49 No	2.49 Thermal Discharging
TWL065	161	'37907293_/37907290'		3.3	5.8	10	2.49	5.2	2.49	2.49 No	2.49 Thermal Discharging
TWL065	162	'37907328_/37907325'		3.3	5.8	10	2.49	5.2	2.49	2.49 No	2.49 Thermal Discharging
TWL065	163	'37907314_/37907318'		3.3	5.8	10	2.49	5.2	2.49	2.49 No	2.49 Thermal Discharging
TWL065	164	'37907300_/37907297'		3.3	5.8	10	2.49	5.2	2.49	2.49 No	2.49 Thermal Discharging
TWL065	165	'5420117_/5420114'		3.1	5.7	10	2.49	1.5	2.49	2.49 No	1.5 Element Fault
TWL065	166	'7398865_/7398862'		2.6	5.7	10	2.49	1.1	2.49	2.49 No	1.1 Element Fault
TWL065	167	'5419686_/5427276'		3.1	5.7	10	2.49	6.3	2.49	2.49 No	2.49 Thermal Discharging
TWL065	168	'399433279_/400822385'		2.6	5.7	10	2.49	2.4	2.49	2.49 No	2.4 Element Fault
TWL065	169	'519098655_/519098586_1'		3.1	5.7	10	2.49	1.5	2.49	2.49 No	1.5 Element Fault
TWL065	170	'429246802_/635062223'		2.6	5.6	10	2.49	5	2.49	2.49 No	2.49 Thermal Discharging
TWL065	171	'5426306_/5426320'		3.1	5.6	10	2.49	2.5	2.49	2.49 No	2.49 Thermal Discharging
TWL065	172	'5420075_/5427296'		1.1	1.87	3.33	0.83	0.5	0.83	0.83 No	0.5 Element Fault
TWL065	173	'5426340_/5426337'		3	5.6	10	2.49	0.9	2.49	2.49 No	0.9 Element Fault

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TWL065	174	'5419687_/_5419762_1'	1.03	1.87	3.33	0.83	0.5	0.83	0.83 No	0.5	Element Fault
TWL065	175	'7398885_/_7398882'	2.5	5.6	10	2.49	1.1	2.49	2.49 No	1.1	Element Fault
TWL065	176	'7398551_/_8655768'	3.1	5.6	10	2.49	5.1	2.49	2.49 No	2.49	Thermal Discharging
TWL065	177	'5429165_/_5429189'	1.2	1.83	3.33	0.83	0.5	0.83	0.83 No	0.5	Element Fault
TWL065	178	'519098570_/_519098586_2'	3	5.5	10	2.49	1.5	2.49	2.49 No	1.5	Element Fault
TWL065	179	'7398214_/_7398212'	3.1	5.5	10	2.49	5.1	2.49	2.49 No	2.49	Thermal Discharging
TWL065	180	'43710637_/_5429257'	1.17	1.83	3.33	0.83	0.5	0.83	0.83 No	0.5	Element Fault
TWL065	181	'5420041_/_5420055'	3	5.5	10	2.49	6.3	2.49	2.49 No	2.49	Thermal Discharging
TWL065	182	'5426271_/_5426303'	3	5.5	10	2.49	2.5	2.49	2.49 No	2.49	Thermal Discharging
TWL065	183	'9290003_/_9290001'	3.1	5.4	10	2.49	5.1	2.49	2.49 No	2.49	Thermal Discharging
TWL065	184	'43710550_/_5420131'	2.9	5.4	10	2.49	1.5	2.49	2.49 No	1.5	Element Fault
TWL065	185	'77111980_/_7712333'	2.5	5.4	10	2.49	1.1	2.49	2.49 No	1.1	Element Fault
TWL065	186	'5420074_/_5420072'	1.1	1.8	3.33	0.83	0.5	0.83	0.83 No	0.5	Element Fault
TWL065	187	'8035560_/_9604755'	3.1	5.4	10	2.49	5.1	2.49	2.49 No	2.49	Thermal Discharging
TWL065	188	'5419752_/_5419762_2'	1.03	1.8	3.33	0.83	0.5	0.83	0.83 No	0.5	Element Fault
TWL065	189	'8035559_/_8035557'	3	5.4	10	2.49	5.1	2.49	2.49 No	2.49	Thermal Discharging
TWL065	190	'43709405_/_5426354'	2.9	5.3	10	2.49	0.9	2.49	2.49 No	0.9	Element Fault
TWL065	191	'396072962_/_5420038_2'	2.9	5.3	10	2.49	6.3	2.49	2.49 No	2.49	Thermal Discharging
TWL065	192	'5426272_/_5426269'	2.9	5.3	10	2.49	2.5	2.49	2.49 No	2.49	Thermal Discharging
TWL065	193	'43710346_/_5420038_1'	2.9	5.3	10	2.49	2.4	2.49	2.49 No	2.4	Element Fault
TWL065	194	'5420088_/_5420085'	1.1	1.77	3.33	0.83	0.5	0.83	0.83 No	0.5	Element Fault
TWL065	195	'5429666_/_5429650_2'	0.97	1.77	3.33	0.83	0.83	0.83	0.83 No	0.83	Thermal Discharging
TWL065	196	'231205909_/_5429692_1'	0.97	1.73	3.33	0.83	0.3	0.83	0.83 No	0.3	Element Fault
TWL065	197	'5420151_/_43710552'	2.8	5.2	10	2.49	1.5	2.49	2.49 No	1.5	Element Fault
TWL065	198	'5428942_/_5429244'	1.1	1.73	3.33	0.83	0.5	0.83	0.83 No	0.5	Element Fault
TWL065	199	'7398550_/_7398548'	2.9	5.1	10	2.49	5.1	2.49	2.49 No	2.49	Thermal Discharging
TWL065	200	'5426289_/_5426286'	2.8	5.1	10	2.49	2.5	2.49	2.49 No	2.49	Thermal Discharging
TWL065	201	'5420024_/_5420844'	2.8	5.1	10	2.49	2.4	2.49	2.49 No	2.4	Element Fault
TWL065	202	'5429640_/_5429650_1'	0.97	1.7	3.33	0.83	0.3	0.83	0.83 No	0.3	Element Fault
TWL065	203	'5419739_/_5419749'	1.03	1.7	3.33	0.83	0.5	0.83	0.83 No	0.5	Element Fault
TWL065	204	'5426794_/_43709407'	2.7	5.1	10	2.49	0.9	2.49	2.49 No	0.9	Element Fault
TWL065	205	'43710648_/_5429163'	1.07	1.67	3.33	0.83	0.5	0.83	0.83 No	0.5	Element Fault
TWL065	206	'77111774_/_9290021'	2.8	5	10	2.49	5.1	2.49	2.49 No	2.49	Thermal Discharging
TWL065	207	'5420863_/_43710615'	1.07	1.67	3.33	0.83	0.5	0.83	0.83 No	0.5	Element Fault
TWL065	208	'5426425_/_5426422'	2.7	5	10	2.49	2.5	2.49	2.49 No	2.49	Thermal Discharging
TWL065	209	'5420007_/_5420021'	2.7	5	10	2.49	2.4	2.49	2.49 No	2.4	Element Fault
TWL065	210	'7711773_/_7711771'	2.8	5	10	2.49	1.4	2.49	2.49 No	1.4	Element Fault
TWL065	211	'130097564_/_391702419'	2.8	4.9	10	2.49	5.2	2.49	2.49 No	2.49	Thermal Discharging
TWL065	212	'5420101_/_5420098'	1.07	1.63	3.33	0.83	0.5	0.83	0.83 No	0.5	Element Fault
TWL065	213	'8034537_/_8034823'	2.8	4.9	10	2.49	5.1	2.49	2.49 No	2.49	Thermal Discharging
TWL065	214	'8034518_/_9589011'	2.8	4.9	10	2.49	1.4	2.49	2.49 No	1.4	Element Fault
TWL065	215	'5429695_/_5429692_2'	0.97	1.63	3.33	0.83	0.3	0.83	0.83 No	0.3	Element Fault
TWL065	216	'5420168_/_5420165'	2.7	4.9	10	2.49	1.5	2.49	2.49 No	1.5	Element Fault
TWL065	217	'8034517_/_8034515'	2.8	4.9	10	2.49	1.4	2.49	2.49 No	1.4	Element Fault
TWL065	218	'5429627_/_5429637'	0.97	1.63	3.33	0.83	0.3	0.83	0.83 No	0.3	Element Fault
TWL065	219	'5426966_/_5426976'	2.6	4.9	10	2.49	0.9	2.49	2.49 No	0.9	Element Fault
TWL065	220	'5428943_/_5428940'	1.03	1.6	3.33	0.83	0.5	0.83	0.83 No	0.5	Element Fault
TWL065	221	'5426442_/_5426439'	2.6	4.8	10	2.49	2.5	2.49	2.49 No	2.49	Thermal Discharging
TWL065	222	'8350065_/_8350063'	2.8	4.8	10	2.49	1.4	2.49	2.49 No	1.4	Element Fault
TWL065	223	'5419738_/_5419736'	1.03	1.6	3.33	0.83	0.5	0.83	0.83 No	0.5	Element Fault
TWL065	224	'5426953_/_5426950_2'	0.87	1.6	3.33	0.83	0.3	0.83	0.83 No	0.3	Element Fault
TWL065	225	'5426462_/_5426459_2'	0.87	1.6	3.33	0.83	0.83	0.83	0.83 No	0.83	Thermal Discharging
TWL065	226	'8655465_/_9588991'	2.7	4.8	10	2.49	1.4	2.49	2.49 No	1.4	Element Fault
TWL065	227	'5419990_/_5420004'	2.6	4.8	10	2.49	2.4	2.49	2.49 No	2.4	Element Fault
TWL065	228	'8034538_/_8034535'	2.7	4.8	10	2.49	5.1	2.49	2.49 No	2.49	Thermal Discharging
TWL065	229	'43710563_/_5420185'	2.5	4.7	10	2.49	1.5	2.49	2.49 No	1.5	Element Fault
TWL065	230	'5426996_/_5426993'	2.5	4.7	10	2.49	0.9	2.49	2.49 No	0.9	Element Fault
TWL065	231	'8655484_/_8655482'	2.7	4.7	10	2.49	5.1	2.49	2.49 No	2.49	Thermal Discharging
TWL065	232	'5419973_/_5419987'	2.6	4.7	10	2.49	2.4	2.49	2.49 No	2.4	Element Fault
TWL065	233	'5426501_/_5426498'	1.67	3.07	6.67	1.66	1.67	1.66	1.66 No	1.66	Thermal Discharging
TWL065	234	'355224515_/_8655462'	2.6	4.6	10	2.49	1.4	2.49	2.49 No	1.4	Element Fault
TWL065	235	'37907349_/_37907374'	2.6	4.6	10	2.49	1.4	2.49	2.49 No	1.4	Element Fault
TWL065	236	'355224519_/_37907353'	2.6	4.6	10	2.49	1.4	2.49	2.49 No	1.4	Element Fault
TWL065	237	'404419459_/_37907346_2'	2.6	4.6	10	2.49	1.4	2.49	2.49 No	1.4	Element Fault
TWL065	238	'355224511_/_37907346_1'	2.6	4.6	10	2.49	1.4	2.49	2.49 No	1.4	Element Fault
TWL065	239	'404419460_/_404419457'	2.6	4.6	10	2.49	1.4	2.49	2.49 No	1.4	Element Fault
TWL065	240	'5426952_/_5426950_1'	0.87	1.53	3.33	0.83	0.2	0.83	0.83 No	0.2	Element Fault
TWL065	241	'5428956_/_5428953'	1	1.53	3.33	0.83	0.5	0.83	0.83 No	0.5	Element Fault
TWL065	242	'43709381_/_5429624'	0.97	1.53	3.33	0.83	0.3	0.83	0.83 No	0.3	Element Fault
TWL065	243	'43711491_/_5429383'	0.97	1.53	3.33	0.83	0.5	0.83	0.83 No	0.5	Element Fault
TWL065	244	'5426461_/_5426459_1'	0.87	1.53	3.33	0.83	0.8	0.83	0.83 No	0.8	Element Fault
TWL065	245	'43709429_/_5429705'	0.97	1.53	3.33	0.83	0.3	0.83	0.83 No	0.3	Element Fault
TWL065	246	'5429010_/_43710650'	0.97	1.53	3.33	0.83	0.5	0.83	0.83 No	0.5	Element Fault
TWL065	247	'5428113_/_5428131'	2.5	4.5	10	2.49	0.9	2.49	2.49 No	0.9	Element Fault
TWL065	248	'5420188_/_43710565'	2.4	4.5	10	2.49	1.5	2.49	2.49 No	1.5	Element Fault
TWL065	249	'5428114_/_5428111'	2.4	4.5	10	2.49	0.9	2.49	2.49 No	0.9	Element Fault
TWL065	250	'5426519_/_5426516'	1.67	3	6.67	1.66	1.67	1.66	1.66 No	1.66	Thermal Discharging
TWL065	251	'5426488_/_5426485'	0.87	1.5	3.33	0.83	0.83	0.83	0.83 No	0.83	Thermal Discharging
TWL065	252	'5419972_/_5419970'	2.5	4.5	10	2.49	2.4	2.49	2.49 No	2.4	Element Fault
TWL065	253	'43710335_/_43710337'	0.97	1.5	3.33	0.83	0.5	0.83	0.83 No	0.5	Element Fault
TWL065	254	'319125649_/_319125668'	0.77	1.5	3.33	0.83	1.4	0.83	0.83 No	0.77	Primary Over-Voltage
TWL065	255	'5426534_/_5426531'	1.6	2.93	6.67	1.66	1.67	1.66	1.66 No	1.6	Primary Over-Voltage
TWL065	256	'5420295_/_5420312'	2.4	4.4	10	2.49	2.4	2.49	2.49 No	2.4	Primary Over-Voltage
TWL065	257	'5426549_/_5426546_2'	0.8	1.47	3.33	0.83	0.83	0.83	0.83 No	0.8	Primary Over-Voltage
TWL065	258	'8655504_/_9589259'	2.5	4.4	10	2.49	5.1	2.49	2.49 No	2.49	Thermal Discharging
TWL065	259	'7398234_/_8655502'	2.5	4.4	10	2.49	5.1	2.49	2.49 No	2.49	Thermal Discharging
TWL065	260	'5428969_/_5428966'	0.93	1.43	3.33	0.83	0.5	0.83	0.83 No	0.5	Element Fault
TWL065	261	'43711356_/_5427972'	0.87	1.43	3.33	0.83	0.8	0.83	0.83 No	0.8	Element Fault
TWL065	262	'45268388_/_5429367'	0.93	1.43	3.33	0.83	0.5	0.83	0.83 No	0.5	Element Fault
TWL065	263	'7398235_/_7398232'	2.5	4.3	10	2.49	5.1	2.49	2.49 No	2.49	Thermal Discharging
TWL065	264	'7151879_/_5420292'	2.4	4.3	10	2.49	2.4	2.49	2.49 No	2.4	Primary Over-Voltage
TWL065	265	'603139860_/_391702450'	2.5	4.3	10	2.49	5.2	2.49	2.49 No	2.49	Thermal Discharging
TWL065	266	'5419713_/_5419723'	0.9	1.43	3.33	0.83	0.5	0.83	0.83 No	0.5	Element Fault
TWL065	267	'5428681_/_5428707'	0.87	1.43	3.33	0.83	0.2	0.83	0.83 No	0.2	Element Fault

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TWL065	268	'5426578_/_5426575'		1.53	2.87	6.67	1.66	1.67	1.66	No	1.53 Primary Over-Voltage
TWL065	269	'43709440_/_5426811'		0.87	1.4	3.33	0.83	0.83	0.83	No	0.83 Thermal Discharging
TWL065	270	'5429721_/_43709431'		0.93	1.4	3.33	0.83	0.3	0.83	No	0.3 Element Fault
TWL065	271	'5426207_/_5426546_1'		0.8	1.4	3.33	0.83	0.3	0.83	No	0.3 Element Fault
TWL065	272	'9393244_/_7151877_1'		2.3	4.2	10	2.49	2.4	2.49	No	2.3 Primary Over-Voltage
TWL065	273	'44064826_/_7151877_2'		2.3	4.2	10	2.49	2.4	2.49	No	2.3 Primary Over-Voltage
TWL065	274	'7810715_/_7810713_1'		2.3	4.2	10	2.49	1.5	2.49	No	1.5 Element Fault
TWL065	275	'5420261_/_5420275'		2.3	4.2	10	2.49	2.4	2.49	No	2.3 Primary Over-Voltage
TWL065	276	'5428668_/_5428678'		0.87	1.4	3.33	0.83	0.2	0.83	No	0.2 Element Fault
TWL065	277	'7810716_/_7810713_2'		2.3	4.1	10	2.49	1.5	2.49	No	1.5 Element Fault
TWL065	278	'603139842_/_603139922'		2.4	4.1	10	2.49	5.2	2.49	No	2.4 Primary Over-Voltage
TWL065	279	'5420238_/_5420258'		2.3	4.1	10	2.49	2.4	2.49	No	2.3 Primary Over-Voltage
TWL065	280	'5419700_/_5419710'		0.87	1.37	3.33	0.83	0.5	0.83	No	0.5 Element Fault
TWL065	281	'261903968_/_43710602_2'		2.3	4.1	10	2.49	2.4	2.49	No	2.3 Primary Over-Voltage
TWL065	282	'5426168_/_5427959'		0.87	1.37	3.33	0.83	0.8	0.83	No	0.8 Element Fault
TWL065	283	'7711794_/_7711791'		2.4	4.1	10	2.49	5.1	2.49	No	2.4 Primary Over-Voltage
TWL065	284	'5426593_/_5426590'		1.47	2.73	6.67	1.66	1.67	1.66	No	1.47 Primary Over-Voltage
TWL065	285	'43710482_/_5428992'		0.87	1.37	3.33	0.83	0.5	0.83	No	0.5 Element Fault
TWL065	286	'5429734_/_5429731'		0.9	1.37	3.33	0.83	0.3	0.83	No	0.3 Element Fault
TWL065	287	'5428723_/_5428720'		0.87	1.37	3.33	0.83	0.2	0.83	No	0.2 Element Fault
TWL065	288	'5426624_/_5426621'		1.47	2.73	6.67	1.66	1.67	1.66	No	1.47 Primary Over-Voltage
TWL065	289	'5429610_/_5429608'		0.9	1.37	3.33	0.83	0.3	0.83	No	0.3 Element Fault
TWL065	290	'5426667_/_5426840_1'		0.73	1.33	3.33	0.83	0.3	0.83	No	0.3 Element Fault
TWL065	291	'5426608_/_5426605_2'		0.73	1.33	3.33	0.83	0.83	0.83	No	0.73 Primary Over-Voltage
TWL065	292	'43710600_/_43710602_1'		2.2	4	10	2.49	1.5	2.49	No	1.5 Element Fault
TWL065	293	'5429011_/_5429008'		0.87	1.33	3.33	0.83	0.5	0.83	No	0.5 Element Fault
TWL065	294	'8034805_/_120009269'		2.3	4	10	2.49	1.4	2.49	No	1.4 Element Fault
TWL065	295	'5426194_/_5426204'		0.8	1.33	3.33	0.83	0.3	0.83	No	0.3 Element Fault
TWL065	296	'7151880_/_44064830'		2.2	4	10	2.49	2.4	2.49	No	2.2 Primary Over-Voltage
TWL065	297	'5420222_/_5420235'		2.2	4	10	2.49	2.4	2.49	No	2.2 Primary Over-Voltage
TWL065	298	'8655525_/_8655522'		2.3	4	10	2.49	5.1	2.49	No	2.3 Primary Over-Voltage
TWL065	299	'603139892_/_603139938'		2.3	4	10	2.49	5.2	2.49	No	2.3 Primary Over-Voltage
TWL065	300	'5428185_/_43709442'		0.87	1.33	3.33	0.83	0.83	0.83	No	0.83 Thermal Discharging
TWL065	301	'43710441_/_43710443_1'		2.2	4	10	2.49	2.4	2.49	No	2.2 Primary Over-Voltage
TWL065	302	'5426652_/_5426649'		1.47	2.6	6.67	1.66	1.67	1.66	No	1.47 Primary Over-Voltage
TWL065	303	'43709418_/_43709420'		0.87	1.3	3.33	0.83	0.2	0.83	No	0.2 Element Fault
TWL065	304	'5429747_/_5429744'		0.83	1.3	3.33	0.83	0.3	0.83	No	0.3 Element Fault
TWL065	305	'5426167_/_5426165'		0.87	1.3	3.33	0.83	0.8	0.83	No	0.8 Element Fault
TWL065	306	'45070600_/_5428979'		0.83	1.3	3.33	0.83	0.5	0.83	No	0.5 Element Fault
TWL065	307	'5420465_/_43710443_2'		2.1	3.9	10	2.49	2.4	2.49	No	2.1 Primary Over-Voltage
TWL065	308	'43709506_/_5426840_2'		0.73	1.3	3.33	0.83	0.3	0.83	No	0.3 Element Fault
TWL065	309	'5418504_/_5419697'		0.83	1.3	3.33	0.83	0.5	0.83	No	0.5 Element Fault
TWL065	310	'5426259_/_5426605_1'		0.73	1.3	3.33	0.83	0.3	0.83	No	0.3 Element Fault
TWL065	311	'7398254_/_8655542'		2.3	3.9	10	2.49	5.1	2.49	No	2.3 Primary Over-Voltage
TWL065	312	'5428696_/_5428733'		0.83	1.3	3.33	0.83	0.2	0.83	No	0.2 Element Fault
TWL065	313	'5429299_/_5429296'		0.83	1.27	3.33	0.83	0.5	0.83	No	0.5 Element Fault
TWL065	314	'5426680_/_5426677'		1.4	2.53	6.67	1.66	1.67	1.66	No	1.4 Primary Over-Voltage
TWL065	315	'5420411_/_5420409'		2.1	3.8	10	2.49	2.4	2.49	No	2.1 Primary Over-Voltage
TWL065	316	'5420466_/_5420463'		2.1	3.8	10	2.49	2.4	2.49	No	2.1 Primary Over-Voltage
TWL065	317	'263003425_/_263003422'		0.73	1.27	3.33	0.83	0.5	0.83	No	0.5 Element Fault
TWL065	318	'263003678_/_263003572_1'		0.73	1.27	3.33	0.83	0.3	0.83	No	0.3 Element Fault
TWL065	319	'5428227_/_5428224'		0.83	1.27	3.33	0.83	0.83	0.83	No	0.83 Primary Over-Voltage
TWL065	320	'5429831_/_5429841'		0.83	1.27	3.33	0.83	0.3	0.83	No	0.3 Element Fault
TWL065	321	'43709473_/_43709475'		0.8	1.27	3.33	0.83	0.3	0.83	No	0.3 Element Fault
TWL065	322	'7398255_/_7398252'		2.2	3.8	10	2.49	5.1	2.49	No	2.2 Primary Over-Voltage
TWL065	323	'43710589_/_5420219'		0.73	1.27	3.33	0.83	0.8	0.83	No	0.73 Primary Over-Voltage
TWL065	324	'7398570_/_7398568'		0.73	1.27	3.33	0.83	1.7	0.83	No	0.73 Primary Over-Voltage
TWL065	325	'5426695_/_5426692'		1.4	2.53	6.67	1.66	1.67	1.66	No	1.4 Primary Over-Voltage
TWL065	326	'43710247_/_5418502'		0.8	1.27	3.33	0.83	0.5	0.83	No	0.5 Element Fault
TWL065	327	'5426755_/_5426765_1'		0.7	1.23	3.33	0.83	0.3	0.83	No	0.3 Element Fault
TWL065	328	'5428752_/_5428775'		0.83	1.23	3.33	0.83	0.8	0.83	No	0.8 Element Fault
TWL065	329	'5428667_/_5428665'		0.8	1.23	3.33	0.83	0.2	0.83	No	0.2 Element Fault
TWL065	330	'5428697_/_5428694'		0.8	1.23	3.33	0.83	0.2	0.83	No	0.2 Element Fault
TWL065	331	'5426155_/_5428095'		0.67	1.23	3.33	0.83	0.83	0.83	No	0.67 Primary Over-Voltage
TWL065	332	'5426246_/_5426256'		0.73	1.23	3.33	0.83	0.3	0.83	No	0.3 Element Fault
TWL065	333	'5427012_/_5428237'		0.8	1.23	3.33	0.83	0.83	0.83	No	0.8 Primary Over-Voltage
TWL065	334	'5429760_/_5429757'		0.8	1.23	3.33	0.83	0.3	0.83	No	0.3 Element Fault
TWL065	335	'44874237_/_5426856'		0.73	1.23	3.33	0.83	0.3	0.83	No	0.3 Element Fault
TWL065	336	'5426768_/_5426765_2'		0.7	1.23	3.33	0.83	0.3	0.83	No	0.3 Element Fault
TWL065	337	'486718800_/_5426710_1'		0.67	1.23	3.33	0.83	0.5	0.83	No	0.5 Element Fault
TWL065	338	'390553641_/_5426152_2'		0.67	1.23	3.33	0.83	0.83	0.83	No	0.67 Primary Over-Voltage
TWL065	339	'5420428_/_5420426'		2	3.7	10	2.49	2.4	2.49	No	2 Primary Over-Voltage
TWL065	340	'5429312_/_5429309'		0.77	1.2	3.33	0.83	0.5	0.83	No	0.5 Element Fault
TWL065	341	'43710588_/_5420332'		0.73	1.2	3.33	0.83	0.8	0.83	No	0.73 Primary Over-Voltage
TWL065	342	'5426180_/_5426178'		0.8	1.2	3.33	0.83	0.3	0.83	No	0.3 Element Fault
TWL065	343	'8350105_/_8350103'		0.73	1.2	3.33	0.83	1.7	0.83	No	0.73 Primary Over-Voltage
TWL065	344	'45070480_/_5418489'		0.77	1.2	3.33	0.83	0.5	0.83	No	0.5 Element Fault
TWL065	345	'5426781_/_5426778'		0.7	1.2	3.33	0.83	0.3	0.83	No	0.3 Element Fault
TWL065	346	'5429802_/_5429828'		0.77	1.2	3.33	0.83	0.3	0.83	No	0.3 Element Fault
TWL065	347	'5429040_/_5429053'		0.77	1.2	3.33	0.83	0.5	0.83	No	0.5 Element Fault
TWL065	348	'5426830_/_5428749'		0.77	1.2	3.33	0.83	0.8	0.83	No	0.77 Primary Over-Voltage
TWL065	349	'5427013_/_5427010'		0.77	1.2	3.33	0.83	0.83	0.83	No	0.77 Primary Over-Voltage
TWL065	350	'8655526_/_9289099'		2.1	3.5	10	2.49	5.1	2.49	No	2.1 Primary Over-Voltage
TWL065	351	'43709495_/_5426243'		0.73	1.17	3.33	0.83	0.3	0.83	No	0.3 Element Fault
TWL065	352	'5426142_/_5426152_1'		0.63	1.17	3.33	0.83	0.3	0.83	No	0.3 Element Fault
TWL065	353	'43709517_/_5426869'		0.7	1.17	3.33	0.83	0.3	0.83	No	0.3 Element Fault
TWL065	354	'43710392_/_5422005'		1.4	2.33	6.67	1.66	1.6	1.66	No	1.4 Primary Over-Voltage
TWL065	355	'43710428_/_5420446'		1.9	3.5	10	2.49	2.4	2.49	No	1.9 Primary Over-Voltage
TWL065	356	'5428765_/_5428788'		0.77	1.17	3.33	0.83	0.3	0.83	No	0.3 Element Fault
TWL065	357	'43709552_/_5429770'		0.77	1.17	3.33	0.83	0.3	0.83	No	0.3 Element Fault
TWL065	358	'5426713_/_5426710_2'		0.63	1.17	3.33	0.83	0.5	0.83	No	0.5 Element Fault
TWL065	359	'43710493_/_5429325'		0.73	1.17	3.33	0.83	0.5	0.83	No	0.5 Element Fault
TWL065	360	'5427029_/_5427026'		0.77	1.13	3.33	0.83	0.83	0.83	No	0.77 Primary Over-Voltage
TWL065	361	'5429530_/_5429815'		0.73	1.13	3.33	0.83	0.3	0.83	No	0.3 Element Fault

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TWL065	362	'43709370_/_/5426827'		0.73	1.13	3.33	0.83	0.8	0.83	No	0.73 Primary Over-Voltage
TWL065	363	'5433721_/_/43709519'		0.7	1.13	3.33	0.83	0.3	0.83	No	0.3 Element Fault
TWL065	364	'5421972_/_/5422026'		1.4	2.27	6.67	1.66	1.6	1.66	No	1.4 Primary Over-Voltage
TWL065	365	'5429598_/_/5429799'		0.73	1.13	3.33	0.83	0.3	0.83	No	0.3 Element Fault
TWL065	366	'5426220_/_/5426230'		0.73	1.13	3.33	0.83	0.3	0.83	No	0.3 Element Fault
TWL065	367	'43709528_/_/43709530'		0.6	1.1	3.33	0.83	0.3	0.83	No	0.3 Element Fault
TWL065	368	'5433734_/_/5433731'		0.7	1.1	3.33	0.83	0.3	0.83	No	0.3 Element Fault
TWL065	369	'5426035_/_/5428762'		0.73	1.1	3.33	0.83	0.3	0.83	No	0.3 Element Fault
TWL065	370	'5429039_/_/5429037'		0.7	1.1	3.33	0.83	0.5	0.83	No	0.5 Element Fault
TWL065	371	'121297862_/_/603139896'		2	3.3	10	2.49	5.2	2.49	No	2 Primary Over-Voltage
TWL065	372	'45070614_/_/5429021'		0.7	1.1	3.33	0.83	0.5	0.83	No	0.5 Element Fault
TWL065	373	'126268525_/_/391702495'		2	3.3	10	2.49	5.2	2.49	No	2 Primary Over-Voltage
TWL065	374	'5420771_/_/5420791'		1.8	3.3	10	2.49	2.4	2.49	No	1.8 Primary Over-Voltage
TWL065	375	'76060165_/_/5433744'		0.7	1.1	3.33	0.83	0.3	0.83	No	0.3 Element Fault
TWL065	376	'5421971_/_/5421969'		1.4	2.2	6.67	1.66	1.6	1.66	No	1.4 Primary Over-Voltage
TWL065	377	'5429773_/_/43709554'		0.7	1.1	3.33	0.83	0.3	0.83	No	0.3 Element Fault
TWL065	378	'9289005_/_/402861438'		1.9	3.3	10	2.49	5.1	2.49	No	1.9 Primary Over-Voltage
TWL065	379	'263003499_/_/263003572_2'		0.73	1.07	3.33	0.83	0.3	0.83	No	0.3 Element Fault
TWL065	380	'5425983_/_/5425993'		0.7	1.07	3.33	0.83	0.8	0.83	No	0.7 Primary Over-Voltage
TWL065	381	'5429572_/_/5429595'		0.7	1.07	3.33	0.83	0.3	0.83	No	0.3 Element Fault
TWL065	382	'43710504_/_/5429066'		0.7	1.07	3.33	0.83	0.5	0.83	No	0.5 Element Fault
TWL065	383	'5426726_/_/5426723'		0.6	1.07	3.33	0.83	0.5	0.83	No	0.5 Element Fault
TWL065	384	'5420386_/_/5421990'		1.33	2.13	6.67	1.66	1.6	1.66	No	1.33 Primary Over-Voltage
TWL065	385	'5426074_/_/5426217'		0.73	1.07	3.33	0.83	0.3	0.83	No	0.3 Element Fault
TWL065	386	'5426914_/_/5426911_1'		0.6	1.07	3.33	0.83	0.3	0.83	No	0.3 Element Fault
TWL065	387	'5433789_/_/5433812'		0.7	1.07	3.33	0.83	0.3	0.83	No	0.3 Element Fault
TWL065	388	'5426898_/_/5426911_2'		0.6	1.07	3.33	0.83	0.3	0.83	No	0.3 Element Fault
TWL065	389	'5428333_/_/5433773'		0.7	1.07	3.33	0.83	0.3	0.83	No	0.3 Element Fault
TWL065	390	'43710515_/_/5429105'		0.67	1.07	3.33	0.83	0.5	0.83	No	0.5 Element Fault
TWL065	391	'43709451_/_/43709453'		0.7	1.07	3.33	0.83	0.3	0.83	No	0.3 Element Fault
TWL065	392	'5429478_/_/5429582'		0.7	1.07	3.33	0.83	0.3	0.83	No	0.3 Element Fault
TWL065	393	'5420758_/_/43710417'		1.7	3.2	10	2.49	2.4	2.49	No	1.7 Primary Over-Voltage
TWL065	394	'5426742_/_/5426739'		0.57	1.07	3.33	0.83	0.5	0.83	No	0.5 Element Fault
TWL065	395	'5428321_/_/5433760'		0.7	1.07	3.33	0.83	0.3	0.83	No	0.3 Element Fault
TWL065	396	'5429517_/_/5429527'		0.7	1.07	3.33	0.83	0.3	0.83	No	0.3 Element Fault
TWL065	397	'5420385_/_/5420383'		0.67	1.03	3.33	0.83	0.8	0.83	No	0.67 Primary Over-Voltage
TWL065	398	'5425982_/_/5425980'		0.7	1.03	3.33	0.83	0.8	0.83	No	0.7 Primary Over-Voltage
TWL065	399	'5426885_/_/5426895'		0.57	1.03	3.33	0.83	0.3	0.83	No	0.3 Element Fault
TWL065	400	'5420655_/_/5420652'		1.33	2.07	6.67	1.66	1.6	1.66	No	1.33 Primary Over-Voltage
TWL065	401	'5426113_/_/5426126'		0.57	1.03	3.33	0.83	0.3	0.83	No	0.3 Element Fault
TWL065	402	'5433802_/_/43709624'		0.7	1.03	3.33	0.83	0.3	0.83	No	0.3 Element Fault
TWL065	403	'43710672_/_/43710674'		0.67	1.03	3.33	0.83	0.5	0.83	No	0.5 Element Fault
TWL065	404	'5429556_/_/5429569'		0.67	1.03	3.33	0.83	0.3	0.83	No	0.3 Element Fault
TWL065	405	'5426061_/_/5426071'		0.7	1.03	3.33	0.83	0.3	0.83	No	0.3 Element Fault
TWL065	406	'44065981_/_/44065983'		0.57	1.03	3.33	0.83	0.3	0.83	No	0.3 Element Fault
TWL065	407	'5428334_/_/5428331'		0.7	1.03	3.33	0.83	0.3	0.83	No	0.3 Element Fault
TWL065	408	'5428308_/_/5428318'		0.7	1.03	3.33	0.83	0.3	0.83	No	0.3 Element Fault
TWL065	409	'5429273_/_/5429270_2'		0.67	1.03	3.33	0.83	0.5	0.83	No	0.5 Element Fault
TWL065	410	'5420705_/_/5420755'		0.57	1.03	3.33	0.83	0.8	0.83	No	0.57 Primary Over-Voltage
TWL065	411	'5429082_/_/5429079'		0.67	1.03	3.33	0.83	0.5	0.83	No	0.5 Element Fault
TWL065	412	'5425775_/_/5427352'		0.67	1.03	3.33	0.83	0.8	0.83	No	0.67 Primary Over-Voltage
TWL065	413	'5426009_/_/5426019'		0.67	1.03	3.33	0.83	0.3	0.83	No	0.3 Element Fault
TWL065	414	'5429477_/_/5429475'		0.67	1	3.33	0.83	0.3	0.83	No	0.3 Element Fault
TWL065	415	'5426940_/_/5426937'		0.57	1	3.33	0.83	0.5	0.83	No	0.5 Element Fault
TWL065	416	'5420706_/_/5420703'		0.57	1	3.33	0.83	0.8	0.83	No	0.57 Primary Over-Voltage
TWL065	417	'5428402_/_/5428399'		0.67	1	3.33	0.83	0.3	0.83	No	0.3 Element Fault
TWL065	418	'5426884_/_/5426882'		0.57	1	3.33	0.83	0.3	0.83	No	0.3 Element Fault
TWL065	419	'5420673_/_/5420670_1'		1.27	2	6.67	1.66	0.5	1.66	No	0.5 Element Fault
TWL065	420	'5419263_/_/5420396'		0.67	1	3.33	0.83	0.8	0.83	No	0.67 Primary Over-Voltage
TWL065	421	'5428347_/_/5428344'		0.67	1	3.33	0.83	0.3	0.83	No	0.3 Element Fault
TWL065	422	'44971913_/_/5429270_1'		0.63	1	3.33	0.83	0.5	0.83	No	0.5 Element Fault
TWL065	423	'5428307_/_/5428305'		0.67	1	3.33	0.83	0.3	0.83	No	0.3 Element Fault
TWL065	424	'421038912_/_/421038970'		1.13	1.87	6.67	1.66	3.47	1.66	No	1.13 Primary Over-Voltage
TWL065	425	'7711717_/_/7711715'		1.8	3	10	2.49	5.1	2.49	No	1.8 Primary Over-Voltage
TWL065	426	'5420486_/_/5420670_2'		1.27	2	6.67	1.66	0.5	1.66	No	0.5 Element Fault
TWL065	427	'43709633_/_/5428386'		0.67	1	3.33	0.83	0.3	0.83	No	0.3 Element Fault
TWL065	428	'5429543_/_/5429553'		0.63	1	3.33	0.83	0.3	0.83	No	0.3 Element Fault
TWL065	429	'43709462_/_/5426058'		0.67	0.97	3.33	0.83	0.3	0.83	No	0.3 Element Fault
TWL065	430	'8035519_/_/391702520'		1.8	2.9	10	2.49	5.2	2.49	No	1.8 Primary Over-Voltage
TWL065	431	'5425759_/_/5425772'		0.63	0.97	3.33	0.83	0.8	0.83	No	0.63 Primary Over-Voltage
TWL065	432	'5429516_/_/5429514'		0.63	0.97	3.33	0.83	0.3	0.83	No	0.3 Element Fault
TWL065	433	'5427237_/_/5427234'		0.53	0.97	3.33	0.83	0.5	0.83	No	0.5 Element Fault
TWL065	434	'5426008_/_/5426006'		0.63	0.97	3.33	0.83	0.3	0.83	No	0.3 Element Fault
TWL065	435	'5429465_/_/5429540'		0.63	0.97	3.33	0.83	0.3	0.83	No	0.3 Element Fault
TWL065	436	'5429491_/_/43709361'		0.63	0.97	3.33	0.83	0.3	0.83	No	0.3 Element Fault
TWL065	437	'5427250_/_/5427247'		0.53	0.97	3.33	0.83	0.3	0.83	No	0.3 Element Fault
TWL065	438	'5420719_/_/5420716'		0.57	0.97	3.33	0.83	0.8	0.83	No	0.57 Primary Over-Voltage
TWL065	439	'43710526_/_/5429121'		0.63	0.97	3.33	0.83	0.5	0.83	No	0.5 Element Fault
TWL065	440	'5432534_/_/5432544'		0.53	0.97	3.33	0.83	0.3	0.83	No	0.3 Element Fault
TWL065	441	'5427265_/_/5432939_2'		0.53	0.97	3.33	0.83	0.3	0.83	No	0.3 Element Fault
TWL065	442	'43711480_/_/43711482'		0.53	0.97	3.33	0.83	0.3	0.83	No	0.3 Element Fault
TWL065	443	'5428415_/_/5428412'		0.63	0.97	3.33	0.83	0.3	0.83	No	0.3 Element Fault
TWL065	444	'5428363_/_/43709613'		0.63	0.97	3.33	0.83	0.3	0.83	No	0.3 Element Fault
TWL065	445	'5420485_/_/5420483'		0.63	0.97	3.33	0.83	0.25	0.83	No	0.25 Element Fault
TWL065	446	'5428804_/_/5428801'		0.63	0.97	3.33	0.83	0.3	0.83	No	0.3 Element Fault
TWL065	447	'5428266_/_/5428373'		0.63	0.97	3.33	0.83	0.3	0.83	No	0.3 Element Fault
TWL065	448	'5432913_/_/5432939_1'		0.53	0.97	3.33	0.83	0.3	0.83	No	0.3 Element Fault
TWL065	449	'5420732_/_/5420729'		0.57	0.97	3.33	0.83	0.8	0.83	No	0.57 Primary Over-Voltage
TWL065	450	'5420512_/_/5420524'		1.2	1.93	6.67	1.66	0.5	1.66	No	0.5 Element Fault
TWL065	451	'8350046_/_/8350043'		1.7	2.9	10	2.49	5.1	2.49	No	1.7 Primary Over-Voltage
TWL065	452	'5426100_/_/5426110'		0.53	0.97	3.33	0.83	0.3	0.83	No	0.3 Element Fault
TWL065	453	'43710104_/_/5419261'		0.67	0.97	3.33	0.83	0.8	0.83	No	0.67 Primary Over-Voltage
TWL065	454	'5429452_/_/5429462'		0.63	0.93	3.33	0.83	0.3	0.83	No	0.3 Element Fault
TWL065	455	'5425817_/_/5427365'		0.63	0.93	3.33	0.83	0.3	0.83	No	0.3 Element Fault

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TWL065	456	'5432868_/5432865'	0.53	0.93	3.33	0.83	0.5	0.83	0.83 No	0.5	Element Fault
TWL065	457	'5432533_/5432531'	0.5	0.93	3.33	0.83	0.3	0.83	0.83 No	0.3	Element Fault
TWL065	458	'421038930_/421038884'	1.7	2.8	10	2.49	5.2	2.49	2.49 No	1.7	Primary Over-Voltage
TWL065	459	'5426047_/5426045'	0.63	0.93	3.33	0.83	0.3	0.83	0.83 No	0.3	Element Fault
TWL065	460	'5429504_/5429501'	0.6	0.93	3.33	0.83	0.3	0.83	0.83 No	0.3	Element Fault
TWL065	461	'5428210_/5428927'	0.5	0.93	3.33	0.83	0.3	0.83	0.83 No	0.3	Element Fault
TWL065	462	'5432925_/5432923'	0.5	0.93	3.33	0.83	0.3	0.83	0.83 No	0.3	Element Fault
TWL065	463	'43709304_/43709306'	0.63	0.93	3.33	0.83	0.8	0.83	0.83 No	0.63	Primary Over-Voltage
TWL065	464	'44971900_/5429092'	0.6	0.93	3.33	0.83	0.5	0.83	0.83 No	0.5	Element Fault
TWL065	465	'5428253_/5428263'	0.63	0.93	3.33	0.83	0.3	0.83	0.83 No	0.3	Element Fault
TWL065	466	'5419562_/5420509'	1.2	1.87	6.67	1.66	0.5	1.66	1.66 No	0.5	Element Fault
TWL065	467	'5428830_/5428827'	0.63	0.93	3.33	0.83	0.3	0.83	0.83 No	0.3	Element Fault
TWL065	468	'5428817_/5428814'	0.63	0.93	3.33	0.83	0.3	0.83	0.83 No	0.3	Element Fault
TWL065	469	'5420498_/5420496'	0.63	0.93	3.33	0.83	0.25	0.83	0.83 No	0.25	Element Fault
TWL065	470	'5432881_/5432878'	0.5	0.93	3.33	0.83	0.5	0.83	0.83 No	0.5	Primary Over-Voltage
TWL065	471	'8340965_/421038950'	1.7	2.8	10	2.49	5.2	2.49	2.49 No	1.7	Primary Over-Voltage
TWL065	472	'43710023_/5432910'	0.5	0.93	3.33	0.83	0.3	0.83	0.83 No	0.3	Element Fault
TWL065	473	'355024713_/421038707'	1.7	2.8	10	2.49	5.1	2.49	2.49 No	1.7	Primary Over-Voltage
TWL065	474	'355024717_/347257750'	0.53	0.87	3.33	0.83	1.73	0.83	0.83 No	0.53	Primary Over-Voltage
TWL065	475	'347257761_/347257758'	1.6	2.6	10	2.49	5.2	2.49	2.49 No	1.6	Primary Over-Voltage
TWL065	476	'5428211_/5428208'	0.5	0.9	3.33	0.83	0.3	0.83	0.83 No	0.3	Element Fault
TWL065	477	'5429451_/5429449'	0.6	0.9	3.33	0.83	0.3	0.83	0.83 No	0.3	Element Fault
TWL065	478	'45169155_/5419245'	0.63	0.9	3.33	0.83	0.8	0.83	0.83 No	0.63	Primary Over-Voltage
TWL065	479	'5420745_/5420742'	0.57	0.9	3.33	0.83	0.8	0.83	0.83 No	0.57	Primary Over-Voltage
TWL065	480	'5420574_/5420571'	0.63	0.9	3.33	0.83	0.25	0.83	0.83 No	0.25	Element Fault
TWL065	481	'5425745_/5425743'	0.6	0.9	3.33	0.83	0.8	0.83	0.83 No	0.6	Primary Over-Voltage
TWL065	482	'5428198_/5428250'	0.6	0.9	3.33	0.83	0.3	0.83	0.83 No	0.3	Element Fault
TWL065	483	'5428282_/5428279'	0.6	0.9	3.33	0.83	0.3	0.83	0.83 No	0.3	Element Fault
TWL065	484	'5427380_/5427378'	0.6	0.9	3.33	0.83	0.3	0.83	0.83 No	0.3	Element Fault
TWL065	485	'43709282_/43709284'	0.6	0.9	3.33	0.83	0.3	0.83	0.83 No	0.3	Element Fault
TWL065	486	'5433035_/5433033'	0.5	0.9	3.33	0.83	0.3	0.83	0.83 No	0.3	Element Fault
TWL065	487	'43709326_/43709328'	0.6	0.9	3.33	0.83	0.3	0.83	0.83 No	0.3	Element Fault
TWL065	488	'5428888_/5428901'	0.6	0.9	3.33	0.83	0.8	0.83	0.83 No	0.6	Primary Over-Voltage
TWL065	489	'5426087_/5426097'	0.5	0.9	3.33	0.83	0.3	0.83	0.83 No	0.3	Element Fault
TWL065	490	'5428859_/5428856'	0.6	0.9	3.33	0.83	0.3	0.83	0.83 No	0.3	Element Fault
TWL065	491	'43710092_/5419560'	1.13	1.8	6.67	1.66	0.5	1.66	1.66 No	0.5	Element Fault
TWL065	492	'5420561_/5425674'	0.6	0.9	3.33	0.83	0.25	0.83	0.83 No	0.25	Element Fault
TWL065	493	'5432897_/5432894'	0.5	0.9	3.33	0.83	0.5	0.83	0.83 No	0.5	Primary Over-Voltage
TWL065	494	'5421201_/5421198'	0.57	0.87	3.33	0.83	0.8	0.83	0.83 No	0.57	Primary Over-Voltage
TWL065	495	'355024721_/421038802'	1.6	2.6	10	2.49	5.2	2.49	2.49 No	1.6	Primary Over-Voltage
TWL065	496	'347257740_/347257738'	1.6	2.6	10	2.49	5.2	2.49	2.49 No	1.6	Primary Over-Voltage
TWL065	497	'5427041_/5428292'	0.6	0.87	3.33	0.83	0.3	0.83	0.83 No	0.3	Element Fault
TWL065	498	'5428871_/5428869'	0.6	0.87	3.33	0.83	0.3	0.83	0.83 No	0.3	Element Fault
TWL065	499	'5427920_/5427930'	0.6	0.87	3.33	0.83	0.3	0.83	0.83 No	0.3	Element Fault
TWL065	500	'5420587_/5420584'	0.6	0.87	3.33	0.83	0.25	0.83	0.83 No	0.25	Element Fault
TWL065	501	'5428197_/43709486'	0.6	0.87	3.33	0.83	0.3	0.83	0.83 No	0.3	Element Fault
TWL065	502	'5433048_/5433046'	0.47	0.87	3.33	0.83	0.3	0.83	0.83 No	0.3	Element Fault
TWL065	503	'45367946_/5429436'	0.57	0.87	3.33	0.83	0.3	0.83	0.83 No	0.3	Element Fault
TWL065	504	'5425801_/5425964'	0.57	0.87	3.33	0.83	0.3	0.83	0.83 No	0.3	Element Fault
TWL065	505	'5421214_/5421237'	0.57	0.87	3.33	0.83	0.8	0.83	0.83 No	0.57	Primary Over-Voltage
TWL065	506	'117485317_/7711735'	0.53	0.87	3.33	0.83	1.73	0.83	0.83 No	0.53	Primary Over-Voltage
TWL065	507	'5419580_/43710094'	1.07	1.73	6.67	1.66	0.5	1.66	1.66 No	0.5	Element Fault
TWL065	508	'5420600_/5420597'	0.6	0.87	3.33	0.83	0.25	0.83	0.83 No	0.25	Element Fault
TWL065	509	'5428887_/5428885'	0.57	0.87	3.33	0.83	0.8	0.83	0.83 No	0.57	Primary Over-Voltage
TWL065	510	'5421213_/5421211'	0.57	0.87	3.33	0.83	0.8	0.83	0.83 No	0.57	Primary Over-Voltage
TWL065	511	'5428843_/5428840'	0.57	0.87	3.33	0.83	0.3	0.83	0.83 No	0.3	Element Fault
TWL065	512	'5420548_/5420558'	0.6	0.87	3.33	0.83	0.25	0.83	0.83 No	0.25	Element Fault
TWL065	513	'5427221_/43710025'	0.47	0.83	3.33	0.83	0.3	0.83	0.83 No	0.3	Element Fault
TWL065	514	'43709587_/5427039'	0.57	0.83	3.33	0.83	0.3	0.83	0.83 No	0.3	Element Fault
TWL065	515	'5425788_/5425798'	0.57	0.83	3.33	0.83	0.3	0.83	0.83 No	0.3	Element Fault
TWL065	516	'43711345_/43711347'	0.57	0.83	3.33	0.83	0.3	0.83	0.83 No	0.3	Element Fault
TWL065	517	'43710080_/5419578'	1.07	1.67	6.67	1.66	0.5	1.66	1.66 No	0.5	Element Fault
TWL065	518	'43712072_/5433059'	0.47	0.83	3.33	0.83	0.3	0.83	0.83 No	0.3	Element Fault
TWL065	519	'43710404_/5420831'	0.57	0.83	3.33	0.83	0.25	0.83	0.83 No	0.25	Element Fault
TWL065	520	'5419595_/43710082'	1.07	1.67	6.67	1.66	0.5	1.66	1.66 No	0.5	Element Fault
TWL065	521	'5433585_/5433638'	0.53	0.83	3.33	0.83	0.8	0.83	0.83 No	0.53	Primary Over-Voltage
TWL065	522	'43710045_/43710047'	0.57	0.83	3.33	0.83	0.25	0.83	0.83 No	0.25	Element Fault
TWL065	523	'43711955_/43711957'	0.47	0.83	3.33	0.83	0.3	0.83	0.83 No	0.3	Element Fault
TWL065	524	'43710852_/5421224'	0.57	0.83	3.33	0.83	0.8	0.83	0.83 No	0.57	Primary Over-Voltage
TWL065	525	'45367891_/5427052'	0.57	0.83	3.33	0.83	0.3	0.83	0.83 No	0.3	Element Fault
TWL065	526	'5433586_/5433583'	0.53	0.83	3.33	0.83	0.8	0.83	0.83 No	0.53	Primary Over-Voltage
TWL065	527	'5425787_/5425785'	0.53	0.83	3.33	0.83	0.3	0.83	0.83 No	0.3	Element Fault
TWL065	528	'5418477_/5419611'	1	1.6	6.67	1.66	0.5	1.66	1.66 No	0.5	Element Fault
TWL065	529	'5433627_/5433625'	0.53	0.8	3.33	0.83	0.8	0.83	0.83 No	0.53	Primary Over-Voltage
TWL065	530	'5420613_/5420610'	0.57	0.8	3.33	0.83	0.25	0.83	0.83 No	0.25	Element Fault
TWL065	531	'5421255_/43710854'	0.57	0.8	3.33	0.83	0.8	0.83	0.83 No	0.57	Primary Over-Voltage
TWL065	532	'5433599_/5433596'	0.53	0.8	3.33	0.83	0.8	0.83	0.83 No	0.53	Primary Over-Voltage
TWL065	533	'5433062_/43712074'	0.43	0.8	3.33	0.83	0.3	0.83	0.83 No	0.3	Element Fault
TWL065	534	'43710034_/43710036'	0.43	0.8	3.33	0.83	0.3	0.83	0.83 No	0.3	Element Fault
TWL065	535	'45268265_/5419671'	0.57	0.8	3.33	0.83	0.25	0.83	0.83 No	0.25	Element Fault
TWL065	536	'5427891_/5427901'	0.53	0.8	3.33	0.83	0.3	0.83	0.83 No	0.3	Element Fault
TWL065	537	'5433612_/5433609'	0.53	0.8	3.33	0.83	0.8	0.83	0.83 No	0.53	Primary Over-Voltage
TWL065	538	'43709293_/43709295'	0.53	0.8	3.33	0.83	0.3	0.83	0.83 No	0.3	Element Fault
TWL065	539	'5421256_/5421253'	0.53	0.8	3.33	0.83	0.8	0.83	0.83 No	0.53	Primary Over-Voltage
TWL065	540	'5420626_/5420623'	0.53	0.8	3.33	0.83	0.25	0.83	0.83 No	0.25	Element Fault
TWL065	541	'5418462_/5418474'	1	1.6	6.67	1.66	0.5	1.66	1.66 No	0.5	Element Fault
TWL065	542	'5433075_/5433072'	0.43	0.77	3.33	0.83	0.3	0.83	0.83 No	0.3	Element Fault
TWL065	543	'5432466_/5432476'	0.43	0.77	3.33	0.83	0.3	0.83	0.83 No	0.3	Element Fault
TWL065	544	'5427890_/5427888'	0.53	0.77	3.33	0.83	0.3	0.83	0.83 No	0.3	Element Fault
TWL065	545	'5427220_/5427218'	0.43	0.77	3.33	0.83	0.3	0.83	0.83 No	0.3	Element Fault
TWL065	546	'45165492_/5235246'	0.5	0.77	3.33	0.83	0.3	0.83	0.83 No	0.3	Element Fault
TWL065	547	'5420639_/5420636'	0.53	0.77	3.33	0.83	0.25	0.83	0.83 No	0.25	Element Fault
TWL065	548	'5421269_/5421266'	0.53	0.77	3.33	0.83	0.8	0.83	0.83 No	0.53	Primary Over-Voltage
TWL065	549	'5433088_/5433085'	0.43	0.77	3.33	0.83	0.3	0.83	0.83 No	0.3	Element Fault

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TWL065	550	'43710068_/5418459'		0.93	1.53	6.67	1.66	0.5	1.66	1.66 No	0.5 Element Fault
TWL065	551	'5420890_/5420887'		0.53	0.73	3.33	0.83	0.25	0.83	0.83 No	0.25 Element Fault
TWL065	552	'43710749_/5421279'		0.5	0.73	3.33	0.83	0.8	0.83	0.83 No	0.5 Primary Over-Voltage
TWL065	553	'5425868_/5427943'		0.5	0.73	3.33	0.83	0.3	0.83	0.83 No	0.3 Element Fault
TWL065	554	'5420876_/5420874'		0.5	0.73	3.33	0.83	0.25	0.83	0.83 No	0.25 Element Fault
TWL065	555	'43710754_/43710751'		0.5	0.73	3.33	0.83	0.8	0.83	0.83 No	0.5 Primary Over-Voltage
TWL065	556	'5425856_/5425866'		0.5	0.73	3.33	0.83	0.3	0.83	0.83 No	0.3 Element Fault
TWL065	557	'43712061_/5433098'		0.4	0.73	3.33	0.83	0.3	0.83	0.83 No	0.3 Element Fault
TWL065	558	'5427988_/5427998'		0.5	0.73	3.33	0.83	0.3	0.83	0.83 No	0.3 Element Fault
TWL065	559	'5419629_/5419641'		0.93	1.47	6.67	1.66	0.5	1.66	1.66 No	0.5 Element Fault
TWL065	560	'5425843_/5425853'		0.5	0.73	3.33	0.83	0.3	0.83	0.83 No	0.3 Element Fault
TWL065	561	'5432465_/5432463'		0.4	0.73	3.33	0.83	0.3	0.83	0.83 No	0.3 Element Fault
TWL065	562	'5432143_/5432141'		0.5	0.73	3.33	0.83	0.25	0.83	0.83 No	0.25 Element Fault
TWL065	563	'43710056_/43710058'		0.87	1.4	6.67	1.66	0.5	1.66	1.66 No	0.5 Element Fault
TWL065	564	'43711944_/5432395'		0.47	0.7	3.33	0.83	0.3	0.83	0.83 No	0.3 Element Fault
TWL065	565	'43709348_/43709350'		0.47	0.7	3.33	0.83	0.3	0.83	0.83 No	0.3 Element Fault
TWL065	566	'5433101_/43712063'		0.4	0.7	3.33	0.83	0.3	0.83	0.83 No	0.3 Element Fault
TWL065	567	'5418432_/5418444'		0.87	1.4	6.67	1.66	0.5	1.66	1.66 No	0.5 Element Fault
TWL065	568	'5425829_/5425840'		0.47	0.7	3.33	0.83	0.3	0.83	0.83 No	0.3 Element Fault
TWL065	569	'5425895_/5432602'		0.4	0.7	3.33	0.83	0.3	0.83	0.83 No	0.3 Element Fault
TWL065	570	'5432563_/5432560'		0.4	0.7	3.33	0.83	0.3	0.83	0.83 No	0.3 Element Fault
TWL065	571	'5418431_/5418429'		0.87	1.4	6.67	1.66	0.5	1.66	1.66 No	0.5 Element Fault
TWL065	572	'5427987_/5427985'		0.47	0.7	3.33	0.83	0.3	0.83	0.83 No	0.3 Element Fault
TWL065	573	'5432411_/43711946'		0.47	0.7	3.33	0.83	0.3	0.83	0.83 No	0.3 Element Fault
TWL065	574	'5425830_/5425827'		0.47	0.7	3.33	0.83	0.3	0.83	0.83 No	0.3 Element Fault
TWL065	575	'5420916_/5420913'		0.87	1.33	6.67	1.66	0.5	1.66	1.66 No	0.5 Element Fault
TWL065	576	'5432631_/5432628_1'		0.33	0.6	3.33	0.83	0.3	0.83	0.83 No	0.3 Element Fault
TWL065	577	'5432491_/5432576'		0.37	0.67	3.33	0.83	0.3	0.83	0.83 No	0.3 Element Fault
TWL065	578	'5432450_/5432615'		0.37	0.67	3.33	0.83	0.3	0.83	0.83 No	0.3 Element Fault
TWL065	579	'43709337_/43709339'		0.43	0.67	3.33	0.83	0.3	0.83	0.83 No	0.3 Element Fault
TWL065	580	'8976640_/421038993'		0.47	0.67	3.33	0.83	1.73	0.83	0.83 No	0.47 Primary Over-Voltage
TWL065	581	'5420934_/5420931'		0.87	1.33	6.67	1.66	0.5	1.66	1.66 No	0.5 Element Fault
TWL065	582	'5432592_/5432589'		0.37	0.67	3.33	0.83	0.3	0.83	0.83 No	0.3 Element Fault
TWL065	583	'43709271_/5425892'		0.37	0.67	3.33	0.83	0.3	0.83	0.83 No	0.3 Element Fault
TWL065	584	'43711966_/5432489'		0.37	0.67	3.33	0.83	0.3	0.83	0.83 No	0.3 Element Fault
TWL065	585	'43671138_/43671140'		0.43	0.67	3.33	0.83	0.3	0.83	0.83 No	0.3 Element Fault
TWL065	586	'43711933_/43711935'		0.37	0.67	3.33	0.83	0.3	0.83	0.83 No	0.3 Element Fault
TWL065	587	'5235281_/5243537'		0.43	0.63	3.33	0.83	0.3	0.83	0.83 No	0.3 Element Fault
TWL065	588	'43710760_/5420961'		0.8	1.27	6.67	1.66	0.5	1.66	1.66 No	0.5 Element Fault
TWL065	589	'44674908_/5235262'		0.43	0.63	3.33	0.83	0.3	0.83	0.83 No	0.3 Element Fault
TWL065	590	'5432505_/5432502'		0.37	0.63	3.33	0.83	0.3	0.83	0.83 No	0.3 Element Fault
TWL065	591	'5432423_/5432421'		0.37	0.63	3.33	0.83	0.3	0.83	0.83 No	0.3 Element Fault
TWL065	592	'5235280_/5235278'		0.43	0.63	3.33	0.83	0.3	0.83	0.83 No	0.3 Element Fault
TWL065	593	'5433023_/5433020'		0.37	0.63	3.33	0.83	0.3	0.83	0.83 No	0.3 Element Fault
TWL065	594	'43710772_/43710774'		0.8	1.27	6.67	1.66	0.5	1.66	1.66 No	0.5 Element Fault
TWL065	595	'5432518_/5432515'		0.37	0.63	3.33	0.83	0.3	0.83	0.83 No	0.3 Element Fault
TWL065	596	'43709270_/5425879'		0.33	0.63	3.33	0.83	0.3	0.83	0.83 No	0.3 Element Fault
TWL065	597	'5432644_/5432654'		0.33	0.63	3.33	0.83	0.3	0.83	0.83 No	0.3 Element Fault
TWL065	598	'5432643_/5432641'		0.33	0.6	3.33	0.83	0.3	0.83	0.83 No	0.3 Element Fault
TWL065	599	'5433114_/5433111'		0.33	0.6	3.33	0.83	0.3	0.83	0.83 No	0.3 Element Fault
TWL065	600	'5420948_/5420946'		0.73	1.2	6.67	1.66	0.5	1.66	1.66 No	0.5 Element Fault
TWL065	601	'5433127_/5433124'		0.33	0.6	3.33	0.83	0.3	0.83	0.83 No	0.3 Element Fault
TWL065	602	'5432698_/5432735'		0.33	0.6	3.33	0.83	0.3	0.83	0.83 No	0.3 Element Fault
TWL065	603	'5432712_/5432709_2'		0.33	0.6	3.33	0.83	0.3	0.83	0.83 No	0.3 Element Fault
TWL065	604	'43710784_/43710786'		0.37	0.6	3.33	0.83	0.25	0.83	0.83 No	0.25 Element Fault
TWL065	605	'43711988_/5432696'		0.33	0.6	3.33	0.83	0.3	0.83	0.83 No	0.3 Element Fault
TWL065	606	'73624961_/73624934_1'		0.37	0.6	3.33	0.83	0.1	0.83	0.83 No	0.1 Element Fault
TWL065	607	'5432685_/5432709_1'		0.33	0.57	3.33	0.83	0.2	0.83	0.83 No	0.2 Element Fault
TWL065	608	'5432954_/43711990'		0.33	0.57	3.33	0.83	0.3	0.83	0.83 No	0.3 Element Fault
TWL065	609	'5432955_/5432952'		0.33	0.57	3.33	0.83	0.3	0.83	0.83 No	0.3 Element Fault
TWL065	610	'438473085_/438472961'		0.33	0.57	3.33	0.83	0.2	0.83	0.83 No	0.2 Element Fault
TWL065	611	'438473075_/438472981'		0.33	0.57	3.33	0.83	0.2	0.83	0.83 No	0.2 Element Fault
TWL065	612	'459871879_/438473049_1'		0.33	0.57	3.33	0.83	0.2	0.83	0.83 No	0.2 Element Fault
TWL065	613	'5432437_/5432748'		0.33	0.57	3.33	0.83	0.2	0.83	0.83 No	0.2 Element Fault
TWL065	614	'43711911_/5432683'		0.33	0.57	3.33	0.83	0.2	0.83	0.83 No	0.2 Element Fault
TWL065	615	'412916174_/43711913'		0.33	0.57	3.33	0.83	0.2	0.83	0.83 No	0.2 Element Fault
TWL065	616	'5432997_/5432994'		0.33	0.57	3.33	0.83	0.3	0.83	0.83 No	0.3 Element Fault
TWL065	617	'5433153_/9290213_1'		0.33	0.57	3.33	0.83	0.1	0.83	0.83 No	0.1 Element Fault
TWL065	618	'5432971_/5432968'		0.33	0.57	3.33	0.83	0.3	0.83	0.83 No	0.3 Element Fault
TWL065	619	'5432436_/5432434'		0.33	0.57	3.33	0.83	0.2	0.83	0.83 No	0.2 Element Fault
TWL065	620	'438473030_/438473049_2'		0.33	0.57	3.33	0.83	0.2	0.83	0.83 No	0.2 Element Fault
TWL065	621	'9290215_/9290213_2'		0.3	0.57	3.33	0.83	0.1	0.83	0.83 No	0.1 Element Fault
TWL065	622	'7712864_/73624934_2'		0.37	0.57	3.33	0.83	0.1	0.83	0.83 No	0.1 Element Fault
TWL065	623	'5432984_/5432981'		0.3	0.57	3.33	0.83	0.3	0.83	0.83 No	0.3 Primary Over-Voltage
TWL065	624	'43711922_/43711924'		0.3	0.57	3.33	0.83	0.2	0.83	0.83 No	0.2 Element Fault
TWL065	625	'43712038_/43712040'		0.3	0.53	3.33	0.83	0.3	0.83	0.83 No	0.3 Primary Over-Voltage
TWL065	626	'5243556_/5243569'		0.3	0.53	3.33	0.83	0.2	0.83	0.83 No	0.2 Element Fault
TWL065	627	'5433009_/5433007'		0.3	0.53	3.33	0.83	0.3	0.83	0.83 No	0.3 Primary Over-Voltage
TWL065	628	'43672524_/43672526'		0.3	0.53	3.33	0.83	0.2	0.83	0.83 No	0.2 Element Fault
TWL065	629	'5243555_/5243553'		0.3	0.5	3.33	0.83	0.2	0.83	0.83 No	0.2 Element Fault
TWL066	0	'TWL066_/8991675'		10	10	10	1.45	10	1.19	1.12 No	1.12 Unintentional Islanding
TWL066	1	'8991677_/8991675'		10	10	10	1.45	10	1.18	1.12 No	1.12 Unintentional Islanding
TWL066	2	'8053509_/9622473'		10	10	10	1.45	10	2.4	1.9 No	1.45 Thermal Discharging
TWL066	3	'8053510_/8053507'		10	10	10	1.45	10	1.18	0.95 No	0.95 Unintentional Islanding
TWL066	4	'8053530_/8053527'		10	10	10	1.45	10	1.17	1.12 No	1.12 Unintentional Islanding
TWL066	5	'8053570_/8053567'		10	10	10	1.45	10	1.16	0.95 No	0.95 Unintentional Islanding
TWL066	6	'8996148_/8996145'		10	10	10	1.45	10	1.16	0.95 No	0.95 Unintentional Islanding
TWL066	7	'8110676_/9623009'		10	10	10	1.45	10	2.34	1.9 No	1.45 Thermal Discharging
TWL066	8	'7713057_/8110674'		10	10	10	1.45	10	1.14	0.95 No	0.95 Unintentional Islanding
TWL066	9	'7713058_/7713055'		10	10	10	1.45	10	2.3	1.9 No	1.45 Thermal Discharging
TWL066	10	'7755299_/9368878'		10	10	10	1.45	10	2.27	1.9 No	1.45 Thermal Discharging
TWL066	11	'7755300_/7755297'		10	10	10	1.45	10	1.12	0.95 No	0.95 Unintentional Islanding
TWL066	12	'8076310_/8076327'		9.1	10	10	1.45	10	2.25	1.9 No	1.45 Thermal Discharging
TWL066	13	'7755437_/8076307'		8.3	10	10	1.45	10	1.1	0.95 No	0.95 Unintentional Islanding

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TWL066	14	'7755438_/_7755435'	7.7	10	10	1.45	10	1.06	1.12 No	1.06 Breaker Reach	
TWL066	15	'8076445_/_8701710'	7.1	10	10	1.45	10	1.05	1.12 No	1.05 Breaker Reach	
TWL066	16	'451908624_/_451908655'	6.6	10	10	1.45	10	1.05	1.12 No	1.05 Breaker Reach	
TWL066	17	'8390993_/_451908622'	6	10	10	1.45	10	1.03	1.12 No	1.03 Breaker Reach	
TWL066	18	'453218341_/_451908681'	5.3	10	10	1.45	10	1.01	1.12 No	1.01 Breaker Reach	
TWL066	19	'7442169_/_453218344'	5.1	10	10	1.45	10	0.99	1.12 No	0.99 Breaker Reach	
TWL066	20	'453218320_/_451908810_1'	4.9	10	10	1.45	10	0.94	0.95 No	0.94 Breaker Reach	
TWL066	21	'6288292_/_451908810_2'	4.9	10	10	1.45	10	0.93	0.95 No	0.93 Breaker Reach	
TWL066	22	'43886180_/_43886182'	4.8	10	10	1.45	10	0.97	1.12 No	0.97 Breaker Reach	
TWL066	23	'31377532_/_6288877'	4.8	10	10	1.45	10	0.92	0.95 No	0.92 Breaker Reach	
TWL066	24	'6288274_/_6288272'	4.7	10	10	1.45	10	0.95	1.12 No	0.95 Breaker Reach	
TWL066	25	'7755458_/_455017173'	4.8	10	10	1.45	10	0.94	1.12 No	0.94 Breaker Reach	
TWL066	26	'5423854_/_7090921'	4.7	10	10	1.45	10	0.9	0.95 No	0.9 Breaker Reach	
TWL066	27	'43708295_/_43708297'	4.6	10	10	1.45	10	0.88	0.95 No	0.88 Breaker Reach	
TWL066	28	'5423820_/_5423834'	4.5	10	10	1.45	10	0.85	0.95 No	0.85 Breaker Reach	
TWL066	29	'5414788_/_5423817'	4.5	10	10	1.45	10	0.85	0.95 No	0.85 Breaker Reach	
TWL066	30	'7442264_/_455017132'	4.5	10	10	1.45	10	0.84	0.95 No	0.84 Breaker Reach	
TWL066	31	'43708282_/_43708284'	4.4	10	10	1.45	10	0.84	0.95 No	0.84 Breaker Reach	
TWL066	32	'5423576_/_5423573_2'	4.4	10	10	1.45	10	0.82	0.95 No	0.82 Breaker Reach	
TWL066	33	'5423556_/_5423573_1'	4.4	10	10	1.45	10	0.81	0.95 No	0.81 Breaker Reach	
TWL066	34	'5423539_/_5423553'	4.3	10	10	1.45	10	0.79	0.95 No	0.79 Breaker Reach	
TWL066	35	'5423522_/_5423536'	4.3	10	10	1.45	10	0.79	0.95 No	0.79 Breaker Reach	
TWL066	36	'5414775_/_5414772_2'	1.47	3.33	3.33	0.48	1.1	0.79	0.95 No	0.48 Thermal Discharging	
TWL066	37	'5423505_/_5423519'	4.2	10	10	1.45	10	0.79	0.95 No	0.79 Breaker Reach	
TWL066	38	'43708067_/_5423502'	4.1	10	10	1.45	10	10	3.91 No	1.45 Thermal Discharging	
TWL066	39	'5423454_/_5423485'	4.1	10	10	1.45	10	10	3.91 No	1.45 Thermal Discharging	
TWL066	40	'43708080_/_43708082'	4	10	10	1.45	10	10	3.91 No	1.45 Thermal Discharging	
TWL066	41	'5423437_/_5423468'	3.9	10	10	1.45	10	10	3.91 No	1.45 Thermal Discharging	
TWL066	42	'5423420_/_5423434'	3.9	10	10	1.45	10	10	3.91 No	1.45 Thermal Discharging	
TWL066	43	'43708093_/_43708095'	3.8	10	10	1.45	10	10	3.91 No	1.45 Thermal Discharging	
TWL066	44	'5423386_/_5423400'	3.8	10	10	1.45	10	10	3.91 No	1.45 Thermal Discharging	
TWL066	45	'5423369_/_5423383'	3.8	10	10	1.45	10	10	3.91 No	1.45 Thermal Discharging	
TWL066	46	'5423352_/_5423366'	3.7	10	10	1.45	10	10	3.91 No	1.45 Thermal Discharging	
TWL066	47	'5414759_/_5414772_1'	1.27	3.33	3.33	0.48	0.5	3.33	1.3 No	0.48 Thermal Discharging	
TWL066	48	'5423335_/_5423349'	3.6	10	10	1.45	10	10	3.91 No	1.45 Thermal Discharging	
TWL066	49	'43708041_/_43708043'	3.6	10	10	1.45	10	10	3.91 No	1.45 Thermal Discharging	
TWL066	50	'5425547_/_5425564'	3.5	10	10	1.45	10	10	3.91 No	1.45 Thermal Discharging	
TWL066	51	'5403349_/_5425544'	3.5	10	10	1.45	10	10	3.91 No	1.45 Thermal Discharging	
TWL066	52	'43710828_/_5425581'	3.5	10	10	1.45	10	10	3.91 No	1.45 Thermal Discharging	
TWL066	53	'5403348_/_5403346'	3.5	10	10	1.45	10	10	3.91 No	1.45 Thermal Discharging	
TWL066	54	'5423314_/_5425527'	3.4	10	10	1.45	10	10	3.91 No	1.45 Thermal Discharging	
TWL066	55	'5421152_/_5421150_1'	1.17	3.33	3.33	0.48	0.5	3.33	1.3 No	0.48 Thermal Discharging	
TWL066	56	'5414888_/_5423312'	3.4	9.9	10	1.45	10	10	3.91 No	1.45 Thermal Discharging	
TWL066	57	'5414872_/_5414869_2'	1.13	3.27	3.33	0.48	1.2	3.33	1.3 No	0.48 Thermal Discharging	
TWL066	58	'5423593_/_5423590'	3.3	9.7	10	1.45	10	10	3.91 No	1.45 Thermal Discharging	
TWL066	59	'5414871_/_5414869_1'	1.13	3.2	3.33	0.48	0.5	3.33	1.3 No	0.48 Thermal Discharging	
TWL066	60	'5425603_/_5425601_2'	3.4	9.6	10	1.45	3.3	10	3.91 No	1.45 Thermal Discharging	
TWL066	61	'5414966_/_5423607'	3.3	9.6	10	1.45	10	10	3.91 No	1.45 Thermal Discharging	
TWL066	62	'5414758_/_5414756'	1.13	3.17	3.33	0.48	0.5	3.33	1.3 No	0.48 Thermal Discharging	
TWL066	63	'5414953_/_5414950_2'	1.1	3.2	3.33	0.48	1.2	3.33	1.3 No	0.48 Thermal Discharging	
TWL066	64	'43708054_/_5425601_1'	3.4	9.4	10	1.45	1.5	10	3.91 No	1.45 Thermal Discharging	
TWL066	65	'5430370_/_5430367'	3.2	9.4	10	1.45	10	10	3.91 No	1.45 Thermal Discharging	
TWL066	66	'5414952_/_5414950_1'	1.1	3.1	3.33	0.48	0.5	3.33	1.3 No	0.48 Thermal Discharging	
TWL066	67	'5430328_/_5430384'	3.2	9.3	10	1.45	10	10	3.91 No	1.45 Thermal Discharging	
TWL066	68	'70576464_/_5430325_1'	1.07	3.07	3.33	0.48	0.5	3.33	1.3 No	0.48 Thermal Discharging	
TWL066	69	'43710817_/_5421150_2'	1.17	3.07	3.33	0.48	0.5	3.33	1.3 No	0.48 Thermal Discharging	
TWL066	70	'5419315_/_5422888'	1.1	3.07	3.33	0.48	0.5	3.33	1.3 No	0.48 Thermal Discharging	
TWL066	71	'5430404_/_5430401'	3.1	9.2	10	1.45	10	10	3.91 No	1.45 Thermal Discharging	
TWL066	72	'5414507_/_5414801'	1.07	3.07	3.33	0.48	0.5	3.33	1.3 No	0.48 Thermal Discharging	
TWL066	73	'5430314_/_5430325_2'	1.07	3	3.33	0.48	0.5	3.33	1.3 No	0.48 Thermal Discharging	
TWL066	74	'5415060_/_5430418'	3.1	9	10	1.45	10	10	3.91 No	1.45 Thermal Discharging	
TWL066	75	'5430356_/_5430325_3'	1.07	3	3.33	0.48	0.5	3.33	1.3 No	0.48 Thermal Discharging	
TWL066	76	'5419342_/_5422904'	1.13	2.97	3.33	0.48	0.5	3.33	1.3 No	0.48 Thermal Discharging	
TWL066	77	'5415046_/_5415057'	1.03	3	3.33	0.48	1.1	3.33	1.3 No	0.48 Thermal Discharging	
TWL066	78	'5423627_/_5423624'	3	8.8	10	1.45	10	10	3.91 No	1.45 Thermal Discharging	
TWL066	79	'43708271_/_5414814'	1.03	2.93	3.33	0.48	0.5	3.33	1.3 No	0.48 Thermal Discharging	
TWL066	80	'5415047_/_5415044'	1.03	2.93	3.33	0.48	0.5	3.33	1.3 No	0.48 Thermal Discharging	
TWL066	81	'5425621_/_5425654'	3.1	8.8	10	1.45	1.5	10	3.91 No	1.45 Thermal Discharging	
TWL066	82	'5423644_/_5423641'	3	8.7	10	1.45	10	10	3.91 No	1.45 Thermal Discharging	
TWL066	83	'5414900_/_5415738'	1.13	2.9	3.33	0.48	0.5	3.33	1.3 No	0.48 Thermal Discharging	
TWL066	84	'5425620_/_5425618'	3.1	8.7	10	1.45	1.5	10	3.91 No	1.45 Thermal Discharging	
TWL066	85	'5432224_/_5432238_2'	1	2.87	3.33	0.48	1.1	3.33	1.3 No	0.48 Thermal Discharging	
TWL066	86	'5423661_/_5423658'	2.9	8.6	10	1.45	10	10	3.91 No	1.45 Thermal Discharging	
TWL066	87	'7712615_/_7712613_1'	1.03	2.87	3.33	0.48	0.3	3.33	1.3 No	0.3 Element Fault	
TWL066	88	'5415167_/_5423675'	2.9	8.5	10	1.45	10	10	3.91 No	1.45 Thermal Discharging	
TWL066	89	'5414494_/_5414504'	1	2.8	3.33	0.48	0.5	3.33	1.3 No	0.48 Thermal Discharging	
TWL066	90	'5415154_/_5422862_1'	0.97	2.83	3.33	0.48	0.5	3.33	1.3 No	0.48 Thermal Discharging	
TWL066	91	'5423695_/_5423692'	2.8	8.4	10	1.45	10	10	3.91 No	1.45 Thermal Discharging	
TWL066	92	'5419209_/_5422875'	1.03	2.77	3.33	0.48	0.5	3.33	1.3 No	0.48 Thermal Discharging	
TWL066	93	'5415153_/_5422862_2'	0.97	2.77	3.33	0.48	0.5	3.33	1.3 No	0.48 Thermal Discharging	
TWL066	94	'5423712_/_5423709'	2.8	8.2	10	1.45	10	10	3.91 No	1.45 Thermal Discharging	
TWL066	95	'5419316_/_5419313'	1.1	2.73	3.33	0.48	0.5	3.33	1.3 No	0.48 Thermal Discharging	
TWL066	96	'5430315_/_5430312'	0.97	2.73	3.33	0.48	0.5	3.33	1.3 No	0.48 Thermal Discharging	
TWL066	97	'5415452_/_5425359_1'	0.93	2.73	3.33	0.48	0.5	3.33	1.3 No	0.48 Thermal Discharging	
TWL066	98	'5423729_/_5423726'	2.8	8.1	10	1.45	10	10	3.91 No	1.45 Thermal Discharging	
TWL066	99	'43708341_/_5415725'	1.1	2.7	3.33	0.48	0.5	3.33	1.3 No	0.48 Thermal Discharging	
TWL066	100	'43710806_/_5425641'	1.03	2.7	3.33	0.48	0.5	3.33	1.3 No	0.48 Thermal Discharging	
TWL066	101	'5414830_/_43708273'	0.93	2.7	3.33	0.48	0.5	3.33	1.3 No	0.48 Thermal Discharging	
TWL066	102	'5419341_/_5419339'	1.1	2.7	3.33	0.48	0.5	3.33	1.3 No	0.48 Thermal Discharging	
TWL066	103	'5432240_/_5432238_1'	1	2.7	3.33	0.48	0.5	3.33	1.3 No	0.48 Thermal Discharging	
TWL066	104	'5415451_/_5425359_2'	0.93	2.73	3.33	0.48	0.5	3.33	1.3 No	0.48 Thermal Discharging	
TWL066	105	'5403702_/_5434426'	2.7	8	10	1.45	10	10	3.91 No	1.45 Thermal Discharging	
TWL066	106	'5403748_/_5403746_1'	2.7	8	10	1.45	10	10	3.91 No	1.45 Thermal Discharging	
TWL066	107	'5415179_/_5415699'	0.93	2.67	3.33	0.48	0.5	3.33	1.3 No	0.48 Thermal Discharging	

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TWL066	108	'43708308_/5414898'	1.07	2.67	3.33	0.48	0.5	3.33	1.3 No	0.48	Thermal Discharging
TWL066	109	'5403749_/5403746_2'	2.7	7.9	10	1.45	10	3.91 No	1.45	Thermal Discharging	
TWL066	110	'5403686_/5403683_2'	1.8	5.27	6.67	0.97	2.2	6.67	2.61 No	0.97	Thermal Discharging
TWL066	111	'5403782_/5403780'	2.7	7.9	10	1.45	10	3.91 No	1.45	Thermal Discharging	
TWL066	112	'43711367_/43711369'	0.93	2.63	3.33	0.48	0.5	3.33	1.3 No	0.48	Thermal Discharging
TWL066	113	'5418878_/5422862_3'	0.93	2.63	3.33	0.48	0.5	3.33	1.3 No	0.48	Thermal Discharging
TWL066	114	'5403685_/5403683_1'	1.8	5.2	6.67	0.97	1	6.67	2.61 No	0.97	Thermal Discharging
TWL066	115	'5403715_/5403712'	1.8	5.2	6.67	0.97	1	6.67	2.61 No	0.97	Thermal Discharging
TWL066	116	'5403665_/5403817'	2.7	7.8	10	1.45	10	3.91 No	1.45	Thermal Discharging	
TWL066	117	'5419208_/5419206'	1.03	2.6	3.33	0.48	0.5	3.33	1.3 No	0.48	Thermal Discharging
TWL066	118	'43712308_/5403663'	2.6	7.8	10	1.45	10	3.91 No	1.45	Thermal Discharging	
TWL066	119	'5434446_/5434443'	2.7	7.7	10	1.45	10	3.91 No	1.45	Thermal Discharging	
TWL066	120	'5415072_/5415712'	1.03	2.57	3.33	0.48	0.5	3.33	1.3 No	0.48	Thermal Discharging
TWL066	121	'5403649_/43712310'	2.6	7.7	10	1.45	10	3.91 No	1.45	Thermal Discharging	
TWL066	122	'5421140_/5425304'	1.03	2.57	3.33	0.48	0.5	3.33	1.3 No	0.48	Thermal Discharging
TWL066	123	'5434463_/5434460_1'	2.7	7.7	10	1.45	10	3.91 No	1.45	Thermal Discharging	
TWL066	124	'43712282_/5434460_2'	2.7	7.7	10	1.45	10	3.33	1.3 No	1.3	Unintentional Islanding
TWL066	125	'5418628_/5425359_3'	0.9	2.57	3.33	0.48	0.5	10	3.91 No	0.48	Thermal Discharging
TWL066	126	'5403631_/43712284_1'	2.7	7.6	10	1.45	10	3.91 No	1.45	Thermal Discharging	
TWL066	127	'5403648_/5403646'	2.6	7.6	10	1.45	10	3.91 No	1.45	Thermal Discharging	
TWL066	128	'43712295_/43712284_2'	2.7	7.6	10	1.45	10	3.33	1.3 No	1.3	Unintentional Islanding
TWL066	129	'5419329_/5419326'	1.03	2.53	3.33	0.48	0.5	3.33	1.3 No	0.48	Thermal Discharging
TWL066	130	'5414846_/5414843'	0.9	2.53	3.33	0.48	0.5	3.33	1.3 No	0.48	Thermal Discharging
TWL066	131	'43712147_/5433554'	1	2.53	3.33	0.48	0.5	10	3.91 No	0.48	Thermal Discharging
TWL066	132	'5424382_/5424396'	2.6	7.5	10	1.45	10	3.91 No	1.45	Thermal Discharging	
TWL066	133	'5403632_/43712297'	2.7	7.5	10	1.45	10	3.33	1.3 No	1.3	Unintentional Islanding
TWL066	134	'43708117_/43708119'	0.9	2.5	3.33	0.48	0.5	3.33	1.3 No	0.48	Thermal Discharging
TWL066	135	'5415180_/5415177'	0.9	2.5	3.33	0.48	0.5	10	3.91 No	0.48	Thermal Discharging
TWL066	136	'43712321_/5403800'	2.7	7.5	10	1.45	10	3.33	1.3 No	1.3	Unintentional Islanding
TWL066	137	'5403735_/5403733'	0.87	2.5	3.33	0.48	0.5	10	3.91 No	0.48	Thermal Discharging
TWL066	138	'43709821_/5424379'	2.5	7.5	10	1.45	10	3.33	1.3 No	1.3	Unintentional Islanding
TWL066	139	'5414979_/43708343'	1.03	2.5	3.33	0.48	0.5	10	3.91 No	0.48	Thermal Discharging
TWL066	140	'5434269_/5434266'	2.6	7.4	10	1.45	10	3.33	1.3 No	1.3	Unintentional Islanding
TWL066	141	'43711502_/5430448'	0.9	2.47	3.33	0.48	0.5	3.33	1.3 No	0.48	Thermal Discharging
TWL066	142	'5418865_/5418875'	0.87	2.47	3.33	0.48	0.5	10	3.91 No	0.48	Thermal Discharging
TWL066	143	'5424348_/5424362'	2.5	7.4	10	1.45	10	3.33	1.3 No	1.3	Unintentional Islanding
TWL066	144	'43708473_/5425346'	0.87	2.47	3.33	0.48	0.5	10	3.91 No	0.48	Thermal Discharging
TWL066	145	'43712245_/5434283'	2.6	7.4	10	1.45	10	3.91 No	1.45	Thermal Discharging	
TWL066	146	'5424331_/5424345'	2.5	7.3	10	1.45	10	3.91 No	1.45	Thermal Discharging	
TWL066	147	'49460153_/5434317_1'	2.6	7.3	10	0.52	6.3	10	3.91 No	0.52	Thermal Discharging
TWL066	148	'5434149_/43712247'	2.6	7.3	10	1.45	10	3.91 No	1.45	Thermal Discharging	
TWL066	149	'5424314_/5424328'	2.5	7.3	10	1.45	10	3.91 No	1.45	Thermal Discharging	
TWL066	150	'43711400_/5434317_2'	2.6	7.3	10	0.52	6.3	10	3.91 No	0.52	Thermal Discharging
TWL066	151	'43712206_/5434147'	2.6	7.2	10	1.45	10	3.33	1.3 No	1.3	Unintentional Islanding
TWL066	152	'43710291_/5418625'	0.83	2.4	3.33	0.48	0.5	3.33	1.3 No	0.48	Thermal Discharging
TWL066	153	'5419290_/5425409'	0.87	2.4	3.33	0.48	0.5	10	3.91 No	0.48	Thermal Discharging
TWL066	154	'5434218_/5434215'	2.6	7.2	10	1.45	10	3.33	1.3 No	1.3	Unintentional Islanding
TWL066	155	'43710159_/43710161'	1.03	2.4	3.33	0.48	0.5	3.33	1.3 No	0.48	Thermal Discharging
TWL066	156	'43708352_/5415070'	1	2.4	3.33	0.48	0.5	10	3.91 No	0.48	Thermal Discharging
TWL066	157	'43709808_/43709810'	2.4	7.2	10	1.45	10	3.33	1.3 No	1.3	Unintentional Islanding
TWL066	158	'5414914_/43708310'	0.97	2.4	3.33	0.48	0.5	3.33	1.3 No	0.48	Thermal Discharging
TWL066	159	'43708407_/5415190'	0.83	2.37	3.33	0.48	0.5	10	3.91 No	0.48	Thermal Discharging
TWL066	160	'5424280_/5424294'	2.4	7.1	10	1.45	10	6.67	2.61 No	1.45	Thermal Discharging
TWL066	161	'43712258_/5434334'	1.67	4.73	6.67	0.97	1	3.33	1.3 No	0.97	Thermal Discharging
TWL066	162	'6288850_/7090836'	0.83	2.37	3.33	0.48	0.5	10	3.91 No	0.48	Thermal Discharging
TWL066	163	'43712219_/5434232'	2.5	7.1	10	1.45	10	3.91 No	1.45	Thermal Discharging	
TWL066	164	'5416398_/5425474'	2.5	7.1	10	0.52	6.3	10	3.91 No	0.52	Thermal Discharging
TWL066	165	'43709795_/5424277'	2.4	7.1	10	1.45	10	3.91 No	1.45	Thermal Discharging	
TWL066	166	'5434166_/5434249'	2.5	7	10	1.45	10	3.33	1.3 No	1.3	Unintentional Islanding
TWL066	167	'7712616_/7712613_2'	0.93	2.33	3.33	0.48	0.3	3.33	1.3 No	0.3	Element Fault
TWL066	168	'43710280_/5434400'	0.83	2.33	3.33	0.48	0.5	10	3.91 No	0.48	Thermal Discharging
TWL066	169	'5424243_/5424260'	2.4	7	10	1.45	10	3.91 No	1.45	Thermal Discharging	
TWL066	170	'5424226_/5424240'	2.4	7	10	1.45	10	3.91 No	1.45	Thermal Discharging	
TWL066	171	'5403529_/5424223'	2.4	7	10	1.45	10	3.91 No	1.45	Thermal Discharging	
TWL066	172	'5434167_/5434164'	2.5	7	10	1.45	10	3.33	1.3 No	1.3	Unintentional Islanding
TWL066	173	'5418984_/43712149'	1	2.33	3.33	0.48	0.5	3.33	1.3 No	0.48	Thermal Discharging
TWL066	174	'5414468_/5414478'	0.83	2.33	3.33	0.48	0.5	3.33	1.3 No	0.48	Thermal Discharging
TWL066	175	'5418852_/5418862'	0.83	2.3	3.33	0.48	0.5	3.33	1.3 No	0.48	Thermal Discharging
TWL066	176	'5414992_/5414989'	0.97	2.3	3.33	0.48	0.5	10	3.91 No	0.48	Thermal Discharging
TWL066	177	'43709734_/5424203'	2.4	6.9	10	1.45	10	3.91 No	1.45	Thermal Discharging	
TWL066	178	'5424155_/5424152'	2.3	6.9	10	1.45	10	3.91 No	1.45	Thermal Discharging	
TWL066	179	'43712232_/5434181'	2.5	6.9	10	1.45	10	3.91 No	1.45	Thermal Discharging	
TWL066	180	'5418406_/43709736'	2.4	6.9	10	1.45	10	3.33	1.3 No	1.3	Unintentional Islanding
TWL066	181	'43710148_/43710150'	0.93	2.3	3.33	0.48	0.5	3.33	1.3 No	0.48	Thermal Discharging
TWL066	182	'5403516_/5403513_2'	0.8	2.3	3.33	0.48	1.1	10	3.91 No	0.48	Thermal Discharging
TWL066	183	'5416399_/5416396'	2.5	6.9	10	0.52	6.3	10	3.91 No	0.52	Thermal Discharging
TWL066	184	'5424172_/5424169'	2.3	6.9	10	1.45	10	3.33	1.3 No	1.3	Unintentional Islanding
TWL066	185	'5430464_/5430461'	0.83	2.3	3.33	0.48	0.5	10	3.91 No	0.48	Thermal Discharging
TWL066	186	'5433913_/5434198'	2.4	6.8	10	1.45	10	3.33	1.3 No	1.3	Unintentional Islanding
TWL066	187	'7177370_/7177383_1'	0.83	2.27	3.33	0.17	0.5	10	3.91 No	0.17	Thermal Discharging
TWL066	188	'5403544_/5424186'	2.3	6.8	10	1.45	10	3.33	1.3 No	1.3	Unintentional Islanding
TWL066	189	'5403545_/5403600_1'	0.77	2.27	3.33	0.48	0.5	3.33	1.3 No	0.48	Thermal Discharging
TWL066	190	'5415206_/5415203'	0.8	2.27	3.33	0.48	0.5	3.33	1.3 No	0.48	Thermal Discharging
TWL066	191	'5419183_/5419193'	0.97	2.27	3.33	0.48	0.5	3.33	1.3 No	0.48	Thermal Discharging
TWL066	192	'7177341_/7177338_2'	0.83	2.27	3.33	0.17	1.1	10	3.91 No	0.17	Thermal Discharging
TWL066	193	'43712173_/5433911'	2.4	6.8	10	1.45	10	3.33	1.3 No	1.3	Unintentional Islanding
TWL066	194	'43708319_/5414924'	0.9	2.27	3.33	0.48	0.5	10	3.91 No	0.48	Thermal Discharging
TWL066	195	'5424121_/5424135'	2.3	6.8	10	1.45	10	3.91 No	1.45	Thermal Discharging	
TWL066	196	'43709760_/5424413'	2.3	6.8	10	1.45	10	3.33	1.3 No	1.3	Unintentional Islanding
TWL066	197	'5418405_/5418403'	0.8	2.27	3.33	0.04	1.5	3.33	1.3 No	0.04	Thermal Discharging
TWL066	198	'43709773_/5403600_2'	0.77	2.23	3.33	0.48	0.5	10	3.91 No	0.48	Thermal Discharging
TWL066	199	'5416416_/5416413'	2.4	6.7	10	0.52	6.3	3.33	1.3 No	0.52	Thermal Discharging
TWL066	200	'5415464_/43708475'	0.8	2.23	3.33	0.48	0.5	6.67	2.61 No	0.48	Thermal Discharging
TWL066	201	'5433934_/5433931'	2.4	6.7	10	1.45	10	3.91 No	1.45	Thermal Discharging	

Feeder Name	Feeder ID	Node	Primary Over- Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TWL066	202	'5434352_/_5434349'		1.6	4.47	6.67	0.97	1	10	3.91 No	0.97 Thermal Discharging
TWL066	203	'5424101_/_5424118'		2.3	6.7	10	1.45	10	3.33	1.3 No	1.3 Unintentional Islanding
TWL066	204	'43886396_/_6288848'		0.77	2.23	3.33	0.48	0.5	3.33	1.3 No	0.48 Thermal Discharging
TWL066	205	'5415086_/_43708354'		0.93	2.23	3.33	0.48	0.5	10	3.91 No	0.48 Thermal Discharging
TWL066	206	'71668827_/_53637223_2'		2.4	6.7	10	1.45	5.8	10	3.91 No	1.45 Thermal Discharging
TWL066	207	'5433951_/_5433948'		2.4	6.6	10	1.45	10	3.33	1.3 No	1.3 Unintentional Islanding
TWL066	208	'5417955_/_5417953_1'		0.77	2.2	3.33	0.14	1.3	3.33	1.3 No	0.14 Thermal Discharging
TWL066	209	'5421139_/_5421137'		0.9	2.2	3.33	0.48	0.5	3.33	1.3 No	0.48 Thermal Discharging
TWL066	210	'43708618_/_7177383_2'		0.8	2.2	3.33	0.17	0.5	3.33	1.3 No	0.17 Thermal Discharging
TWL066	211	'5415005_/_5415002'		0.9	2.2	3.33	0.48	0.5	10	3.91 No	0.48 Thermal Discharging
TWL066	212	'5424084_/_5424098_2'		2.2	6.6	10	1.45	10	3.33	1.3 No	1.3 Unintentional Islanding
TWL066	213	'5402847_/_5416430'		2.4	6.6	10	0.52	6.3	10	3.91 No	0.52 Thermal Discharging
TWL066	214	'5419277_/_5419287'		0.8	2.2	3.33	0.48	0.5	10	3.91 No	0.48 Thermal Discharging
TWL066	215	'43709747_/_5424098_1'		2.2	6.6	10	1.45	10	3.33	1.3 No	1.3 Unintentional Islanding
TWL066	216	'5433971_/_5433968'		2.3	6.6	10	1.45	10	3.33	1.3 No	1.3 Unintentional Islanding
TWL066	217	'5418735_/_5434413'		0.77	2.17	3.33	0.48	0.5	3.33	1.3 No	0.48 Thermal Discharging
TWL066	218	'6289515_/_7090938_1'		2.3	6.5	10	1.45	10	10	3.91 No	1.45 Thermal Discharging
TWL066	219	'5415926_/_7177338_1'		0.83	2.17	3.33	0.17	0.5	10	3.91 No	0.17 Thermal Discharging
TWL066	220	'5418615_/_5418638'		0.77	2.17	3.33	0.48	0.5	3.33	1.3 No	0.48 Thermal Discharging
TWL066	221	'5415219_/_5415216_1'		0.77	2.17	3.33	0.48	0.5	3.33	1.3 No	0.48 Thermal Discharging
TWL066	222	'43886577_/_7090938_2'		2.3	6.5	10	1.45	10	10	3.91 No	1.45 Thermal Discharging
TWL066	223	'5424067_/_5424081'		2.2	6.5	10	1.45	10	3.33	1.3 No	1.3 Unintentional Islanding
TWL066	224	'43710214_/_5418849'		0.77	2.17	3.33	0.48	0.5	3.33	1.3 No	0.48 Thermal Discharging
TWL066	225	'425635862_/_43886579'		2.3	6.5	10	1.45	10	10	3.91 No	1.45 Thermal Discharging
TWL066	226	'5414455_/_5414465'		0.77	2.17	3.33	0.48	0.5	10	3.91 No	0.48 Thermal Discharging
TWL066	227	'43708418_/_5415216_2'		0.77	2.17	3.33	0.48	0.5	10	3.91 No	0.48 Thermal Discharging
TWL066	228	'5419170_/_5419180'		0.9	2.17	3.33	0.48	0.5	3.33	1.3 No	0.48 Thermal Discharging
TWL066	229	'5424050_/_5424064'		2.2	6.5	10	1.45	10	10	3.91 No	1.45 Thermal Discharging
TWL066	230	'425635817_/_425635864'		2.3	6.4	10	1.45	10	3.33	1.3 No	1.3 Unintentional Islanding
TWL066	231	'425635824_/_425635821'		2.3	6.4	10	1.45	10	3.33	1.3 No	1.3 Unintentional Islanding
TWL066	232	'5417956_/_5417953_2'		0.77	2.13	3.33	0.14	1.3	10	3.91 No	0.14 Thermal Discharging
TWL066	233	'5416046_/_5416447'		2.3	6.4	10	0.52	6.3	3.33	1.3 No	0.52 Thermal Discharging
TWL066	234	'5430476_/_5430487'		0.77	2.13	3.33	0.48	0.5	3.33	1.3 No	0.48 Thermal Discharging
TWL066	235	'5403503_/_5403513_1'		0.8	2.13	3.33	0.48	0.5	3.33	1.3 No	0.48 Thermal Discharging
TWL066	236	'5424033_/_5424047'		2.2	6.4	10	1.45	10	6.67	2.61 No	1.45 Thermal Discharging
TWL066	237	'5418985_/_5418982'		0.9	2.13	3.33	0.48	0.5	3.33	1.3 No	0.48 Thermal Discharging
TWL066	238	'43708324_/_43708321'		0.87	2.13	3.33	0.48	0.5	10	3.91 No	0.48 Thermal Discharging
TWL066	239	'5415465_/_5415462'		0.77	2.13	3.33	0.48	0.5	3.33	1.3 No	0.48 Thermal Discharging
TWL066	240	'5434370_/_5434367'		1.47	4.27	6.67	0.97	1	3.33	1.3 No	0.97 Thermal Discharging
TWL066	241	'5419092_/_5422290'		0.8	2.13	3.33	0.04	1.5	3.33	1.3 No	0.04 Thermal Discharging
TWL066	242	'5424016_/_5424030_2'		2.2	6.3	10	1.45	10	3.33	1.3 No	1.3 Unintentional Islanding
TWL066	243	'43709710_/_5424030_1'		2.1	6.3	10	1.45	10	3.33	1.3 No	1.3 Unintentional Islanding
TWL066	244	'43708330_/_5415015'		0.87	2.1	3.33	0.48	0.5	10	3.91 No	0.48 Thermal Discharging
TWL066	245	'44693995_/_6288861'		0.73	2.1	3.33	0.48	0.5	6.67	2.61 No	0.48 Thermal Discharging
TWL066	246	'5403561_/_5403558'		0.77	2.1	3.33	0.48	0.5	10	3.91 No	0.48 Thermal Discharging
TWL066	247	'5418602_/_5418612'		0.73	2.1	3.33	0.48	0.5	10	3.91 No	0.48 Thermal Discharging
TWL066	248	'5419303_/_5419352'		0.87	2.1	3.33	0.48	0.5	3.33	1.3 No	0.48 Thermal Discharging
TWL066	249	'5416467_/_5416464'		2.3	6.3	10	0.52	6.3	10	3.91 No	0.52 Thermal Discharging
TWL066	250	'5402848_/_5402845'		1.6	4.2	6.67	0.35	3.1	3.33	1.3 No	0.35 Thermal Discharging
TWL066	251	'5424015_/_5424013'		2.1	6.3	10	1.45	10	10	3.91 No	1.45 Thermal Discharging
TWL066	252	'5427135_/_5427431'		2.1	6.2	10	1.45	10	3.33	1.3 No	1.3 Unintentional Islanding
TWL066	253	'5419157_/_5419167'		0.87	2.07	3.33	0.48	0.5	3.33	1.3 No	0.48 Thermal Discharging
TWL066	254	'5416484_/_5416481'		2.3	6.2	10	0.52	6.3	3.33	1.3 No	0.52 Thermal Discharging
TWL066	255	'43708363_/_5415764'		0.87	2.07	3.33	0.48	0.5	6.67	2.61 No	0.48 Thermal Discharging
TWL066	256	'5427488_/_5427502'		2.1	6.2	10	1.45	10	10	3.91 No	1.45 Thermal Discharging
TWL066	257	'5414442_/_5414452'		0.73	2.07	3.33	0.48	0.5	3.33	1.3 No	0.48 Thermal Discharging
TWL066	258	'5419276_/_5419274'		0.73	2.03	3.33	0.48	0.5	3.33	1.3 No	0.48 Thermal Discharging
TWL066	259	'5418719_/_5418732'		0.73	2.03	3.33	0.48	0.5	3.33	1.3 No	0.48 Thermal Discharging
TWL066	260	'43712270_/_5434382'		1.47	4.07	6.67	0.97	1	3.33	1.3 No	0.97 Thermal Discharging
TWL066	261	'5427471_/_5427485'		2.1	6.1	10	1.45	10	3.33	1.3 No	1.3 Unintentional Islanding
TWL066	262	'43708607_/_43708609'		0.83	2.03	3.33	0.17	0.5	3.33	1.3 No	0.17 Thermal Discharging
TWL066	263	'5416033_/_5416043'		0.77	2.03	3.33	0.17	1.1	3.33	1.3 No	0.17 Thermal Discharging
TWL066	264	'44773445_/_5415028'		0.83	2	3.33	0.48	0.5	10	3.91 No	0.48 Thermal Discharging
TWL066	265	'5415232_/_43708420'		0.7	2	3.33	0.48	0.5	10	3.91 No	0.48 Thermal Discharging
TWL066	266	'43709576_/_5427133'		0.67	2	3.33	0.48	1.2	3.33	1.3 No	0.48 Thermal Discharging
TWL066	267	'5419079_/_5419089'		0.8	2	3.33	0.04	1.5	3.33	1.3 No	0.04 Thermal Discharging
TWL066	268	'5430275_/_5430474'		0.7	2	3.33	0.48	0.5	3.33	1.3 No	0.48 Thermal Discharging
TWL066	269	'5427174_/_5428011'		2	6	10	1.45	4.7	3.33	1.3 No	1.3 Unintentional Islanding
TWL066	270	'5402865_/_5416498'		2.2	6	10	0.52	6.3	6.67	2.61 No	0.52 Thermal Discharging
TWL066	271	'5417583_/_5417966'		0.77	1.97	3.33	0.14	1.3	3.33	1.3 No	0.14 Thermal Discharging
TWL066	272	'5403490_/_5403500'		0.8	1.97	3.33	0.48	0.5	3.33	1.3 No	0.48 Thermal Discharging
TWL066	273	'5427136_/_5427146_1'		0.67	1.97	3.33	0.48	0.5	10	3.91 No	0.48 Thermal Discharging
TWL066	274	'5418839_/_5418888'		0.7	1.97	3.33	0.48	0.5	3.33	1.3 No	0.48 Thermal Discharging
TWL066	275	'43708892_/_5432319'		1.53	3.93	6.67	0.35	3.1	3.33	1.3 No	0.35 Thermal Discharging
TWL066	276	'5403574_/_5403571'		0.77	1.97	3.33	0.48	0.5	10	3.91 No	0.48 Thermal Discharging
TWL066	277	'43708462_/_5415475'		0.7	1.97	3.33	0.48	0.5	3.33	1.3 No	0.48 Thermal Discharging
TWL066	278	'5428151_/_5428148_2'		2	5.9	10	1.45	4.7	3.33	1.3 No	1.3 Unintentional Islanding
TWL066	279	'43708106_/_5414439'		0.7	1.97	3.33	0.48	0.5	10	3.91 No	0.48 Thermal Discharging
TWL066	280	'43710126_/_43710128'		0.7	1.97	3.33	0.48	0.5	3.33	1.3 No	0.48 Thermal Discharging
TWL066	281	'5416521_/_5416518'		2.2	5.9	10	0.52	6.3	3.33	1.3 No	0.52 Thermal Discharging
TWL066	282	'5419302_/_5419300'		0.8	1.93	3.33	0.48	0.5	3.33	1.3 No	0.48 Thermal Discharging
TWL066	283	'43711878_/_43708620'		0.7	1.93	3.33	0.17	0.5	3.33	1.3 No	0.17 Thermal Discharging
TWL066	284	'8034369_/_53637223_1'		2.1	5.8	10	1.45	1.9	10	3.91 No	1.45 Thermal Discharging
TWL066	285	'5419144_/_5419154'		0.83	1.93	3.33	0.48	0.5	3.33	1.3 No	0.48 Thermal Discharging
TWL066	286	'5418589_/_5418599'		0.7	1.93	3.33	0.48	0.5	3.33	1.3 No	0.48 Thermal Discharging
TWL066	287	'5415099_/_5415096'		0.83	1.93	3.33	0.48	0.5	10	3.91 No	0.48 Thermal Discharging
TWL066	288	'5419066_/_5419076'		0.8	1.93	3.33	0.04	1.5	3.33	1.3 No	0.04 Thermal Discharging
TWL066	289	'5416541_/_5416538'		2.1	5.8	10	0.52	6.3	3.33	1.3 No	0.52 Thermal Discharging
TWL066	290	'5417596_/_5417593'		0.77	1.93	3.33	0.14	1.3	3.33	1.3 No	0.14 Thermal Discharging
TWL066	291	'5415245_/_5415242'		0.7	1.93	3.33	0.48	0.5	3.33	1.3 No	0.48 Thermal Discharging
TWL066	292	'7711658_/_8349983'		2.1	5.7	10	1.45	1.9	3.33	1.3 No	1.3 Unintentional Islanding
TWL066	293	'5415897_/_5415907'		0.83	1.9	3.33	0.17	0.5	6.67	2.61 No	0.17 Thermal Discharging
TWL066	294	'5427149_/_5427146_2'		0.63	1.9	3.33	0.48	0.5	3.33	1.3 No	0.48 Thermal Discharging
TWL066	295	'43708651_/_43708653'		0.77	1.9	3.33	0.17	1.1	3.33	1.3 No	0.17 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over- Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TWL066	296	'5417985_/_5417982'	0.77	1.9	3.33	0.14	1.3	3.33	1.3 No	0.14	Thermal Discharging
TWL066	297	'5416120_/_5416117'	0.73	1.9	3.33	0.17	1.1	10	3.91 No	0.17	Thermal Discharging
TWL066	298	'5434028_/_43712272'	1.33	3.8	6.67	0.97	1	3.33	1.3 No	0.97	Thermal Discharging
TWL066	299	'43709834_/_5417606'	0.73	1.87	3.33	0.14	1.3	3.33	1.3 No	0.14	Thermal Discharging
TWL066	300	'5418718_/_5418716'	0.67	1.87	3.33	0.48	0.5	10	3.91 No	0.48	Thermal Discharging
TWL066	301	'5415884_/_5415894'	0.83	1.87	3.33	0.17	0.5	3.33	1.3 No	0.17	Thermal Discharging
TWL066	302	'5416558_/_5416555'	2.1	5.6	10	0.52	6.3	10	3.91 No	0.52	Thermal Discharging
TWL066	303	'5430276_/_5430273'	0.67	1.87	3.33	0.48	0.5	3.33	1.3 No	0.48	Thermal Discharging
TWL066	304	'5415491_/_43708464'	0.67	1.87	3.33	0.48	0.5	3.33	1.3 No	0.48	Thermal Discharging
TWL066	305	'5428150_/_5428148_1'	1.9	5.6	10	1.45	1.5	3.33	1.3 No	1.3	Unintentional Islanding
TWL066	306	'43709699_/_5403487'	0.8	1.87	3.33	0.48	0.5	3.33	1.3 No	0.48	Thermal Discharging
TWL066	307	'7171113_/_7179949_1'	2.1	5.6	10	0.52	1.7	3.33	1.3 No	0.52	Thermal Discharging
TWL066	308	'43708429_/_5415751'	0.67	1.87	3.33	0.48	0.5	3.33	1.3 No	0.48	Thermal Discharging
TWL066	309	'7179976_/_43708743_2'	0.7	1.87	3.33	0.17	1.1	3.33	1.3 No	0.17	Thermal Discharging
TWL066	310	'5418826_/_5418836'	0.67	1.87	3.33	0.48	0.5	3.33	1.3 No	0.48	Thermal Discharging
TWL066	311	'5418550_/_5419063'	0.8	1.87	3.33	0.04	1.5	10	3.91 No	0.04	Thermal Discharging
TWL066	312	'5414416_/_5414426'	0.67	1.87	3.33	0.48	0.5	3.33	1.3 No	0.48	Thermal Discharging
TWL066	313	'5417567_/_5417580'	0.73	1.83	3.33	0.14	1.1	3.33	1.3 No	0.14	Thermal Discharging
TWL066	314	'43711889_/_43711880'	0.67	1.83	3.33	0.17	0.5	3.33	1.3 No	0.17	Thermal Discharging
TWL066	315	'5415426_/_5415436'	0.67	1.83	3.33	0.48	0.5	10	3.91 No	0.48	Thermal Discharging
TWL066	316	'7711657_/_7711655'	2	5.5	10	1.45	1.9	3.33	1.3 No	1.3	Unintentional Islanding
TWL066	317	'43709784_/_5403587'	0.77	1.83	3.33	0.48	0.5	3.33	1.3 No	0.48	Thermal Discharging
TWL066	318	'43710302_/_5418586'	0.63	1.83	3.33	0.48	0.5	3.33	1.3 No	0.48	Thermal Discharging
TWL066	319	'5434048_/_5434114'	0.67	1.83	3.33	0.48	0.5	3.33	1.3 No	0.48	Thermal Discharging
TWL066	320	'5429398_/_5431551'	2	5.4	10	0.52	4.9	3.33	1.3 No	0.52	Thermal Discharging
TWL066	321	'43711378_/_5425422'	0.77	1.8	3.33	0.48	0.5	10	3.91 No	0.48	Thermal Discharging
TWL066	322	'5415871_/_5415881'	0.83	1.8	3.33	0.17	0.5	3.33	1.3 No	0.17	Thermal Discharging
TWL066	323	'5419131_/_5419141'	0.77	1.8	3.33	0.48	0.5	3.33	1.3 No	0.48	Thermal Discharging
TWL066	324	'5417998_/_5417995'	0.73	1.8	3.33	0.14	1.3	3.33	1.3 No	0.14	Thermal Discharging
TWL066	325	'8756292_/_7807269'	2	5.4	10	1.45	1.9	10	3.91 No	1.45	Thermal Discharging
TWL066	326	'5417622_/_43709836'	0.7	1.8	3.33	0.14	1.3	3.33	1.3 No	0.14	Thermal Discharging
TWL066	327	'5415504_/_5415501'	0.63	1.8	3.33	0.48	0.5	3.33	1.3 No	0.48	Thermal Discharging
TWL066	328	'5415261_/_5415258'	0.63	1.8	3.33	0.48	0.5	3.33	1.3 No	0.48	Thermal Discharging
TWL066	329	'5415410_/_5415423'	0.63	1.8	3.33	0.48	0.5	3.33	1.3 No	0.48	Thermal Discharging
TWL066	330	'7179952_/_7179949_2'	2	5.4	10	0.52	1.7	3.33	1.3 No	0.52	Thermal Discharging
TWL066	331	'5416133_/_5416130'	0.7	1.8	3.33	0.17	1.1	3.33	1.3 No	0.17	Thermal Discharging
TWL066	332	'5432340_/_43708906'	0.77	1.8	3.33	0.17	1.2	3.33	1.3 No	0.17	Thermal Discharging
TWL066	333	'5416007_/_5416017'	0.77	1.8	3.33	0.17	1.1	3.33	1.3 No	0.17	Thermal Discharging
TWL066	334	'5403464_/_5403474'	0.8	1.8	3.33	0.48	0.5	10	3.91 No	0.48	Thermal Discharging
TWL066	335	'5419381_/_5419391'	0.63	1.8	3.33	0.48	0.5	3.33	1.3 No	0.48	Thermal Discharging
TWL066	336	'43708741_/_43708743_1'	0.7	1.77	3.33	0.17	0.5	3.33	1.3 No	0.17	Thermal Discharging
TWL066	337	'5419040_/_5419050'	0.8	1.77	3.33	0.04	1.5	3.33	1.3 No	0.04	Thermal Discharging
TWL066	338	'43711513_/_5430286'	0.63	1.77	3.33	0.48	0.5	3.33	1.3 No	0.48	Thermal Discharging
TWL066	339	'5429399_/_5429396'	2	5.3	10	0.52	4.9	3.33	1.3 No	0.52	Thermal Discharging
TWL066	340	'43710225_/_43710227'	0.8	1.77	3.33	0.04	1.1	3.33	1.3 No	0.04	Thermal Discharging
TWL066	341	'43710269_/_43710271'	0.6	1.73	3.33	0.48	0.5	3.33	1.3 No	0.48	Thermal Discharging
TWL066	342	'5414415_/_5414413'	0.6	1.73	3.33	0.48	0.5	3.33	1.3 No	0.48	Thermal Discharging
TWL066	343	'5415358_/_5415407'	0.63	1.73	3.33	0.48	0.5	3.33	1.3 No	0.48	Thermal Discharging
TWL066	344	'5417554_/_5417564'	0.7	1.73	3.33	0.14	1.1	3.33	1.3 No	0.14	Thermal Discharging
TWL066	345	'5418813_/_5418823'	0.63	1.73	3.33	0.48	0.5	3.33	1.3 No	0.48	Thermal Discharging
TWL066	346	'43712184_/_5434046'	0.67	1.73	3.33	0.48	0.5	3.33	1.3 No	0.48	Thermal Discharging
TWL066	347	'5417635_/_5417632'	0.7	1.73	3.33	0.14	1.3	3.33	1.3 No	0.14	Thermal Discharging
TWL066	348	'5432008_/_5432005'	0.6	1.73	3.33	0.48	0.5	3.33	1.3 No	0.48	Thermal Discharging
TWL066	349	'5415938_/_43711891'	0.63	1.73	3.33	0.17	0.5	3.33	1.3 No	0.17	Thermal Discharging
TWL066	350	'34635295_/_49461745'	1.9	5.2	10	0.52	1.7	3.33	1.3 No	0.52	Thermal Discharging
TWL066	351	'354406801_/_43711811_1'	0.57	1.73	3.33	0.48	0.3	3.33	1.3 No	0.3	Element Fault
TWL066	352	'5415870_/_5415868'	0.8	1.7	3.33	0.17	0.5	3.33	1.3 No	0.17	Thermal Discharging
TWL066	353	'5418787_/_5419037'	0.8	1.7	3.33	0.04	1.5	3.33	1.3 No	0.04	Thermal Discharging
TWL066	354	'5415517_/_5415514'	0.6	1.7	3.33	0.48	0.5	3.33	1.3 No	0.48	Thermal Discharging
TWL066	355	'5418576_/_5418651'	0.6	1.7	3.33	0.48	0.5	10	3.91 No	0.48	Thermal Discharging
TWL066	356	'5415274_/_5415271'	0.6	1.7	3.33	0.48	0.5	3.33	1.3 No	0.48	Thermal Discharging
TWL066	357	'43709845_/_5425372'	0.67	1.7	3.33	0.14	1.3	3.33	1.3 No	0.14	Thermal Discharging
TWL066	358	'700204463_/_5415355'	0.6	1.7	3.33	0.48	0.5	3.33	1.3 No	0.48	Thermal Discharging
TWL066	359	'5403590_/_43709786'	0.77	1.7	3.33	0.48	0.5	3.33	1.3 No	0.48	Thermal Discharging
TWL066	360	'43708640_/_43708642'	0.77	1.7	3.33	0.17	1.1	10	3.91 No	0.17	Thermal Discharging
TWL066	361	'5430578_/_5431574'	1.9	5.1	10	0.52	4.9	3.33	1.3 No	0.52	Thermal Discharging
TWL066	362	'43710115_/_5419128'	0.73	1.7	3.33	0.48	0.5	3.33	1.3 No	0.48	Thermal Discharging
TWL066	363	'5417735_/_5418008'	0.7	1.7	3.33	0.14	1.3	3.33	1.3 No	0.14	Thermal Discharging
TWL066	364	'5403451_/_5403461'	0.8	1.7	3.33	0.48	0.5	3.33	1.3 No	0.48	Thermal Discharging
TWL066	365	'69651299_/_5418797_1'	0.53	1.53	3.33	0.48	0.5	3.33	1.3 No	0.48	Thermal Discharging
TWL066	366	'5419368_/_5419378'	0.6	1.67	3.33	0.48	0.5	3.33	1.3 No	0.48	Thermal Discharging
TWL066	367	'43708708_/_5416143'	0.67	1.67	3.33	0.17	1.1	10	3.91 No	0.17	Thermal Discharging
TWL066	368	'5416239_/_5416237'	0.7	1.67	3.33	0.17	0.5	3.33	1.3 No	0.17	Thermal Discharging
TWL066	369	'5415111_/_5425435'	0.7	1.67	3.33	0.48	0.5	3.33	1.3 No	0.48	Thermal Discharging
TWL066	370	'471712049_/_5430575_3'	0.63	1.67	3.33	0.17	1.1	3.33	1.3 No	0.17	Thermal Discharging
TWL066	371	'5415371_/_5415368'	0.6	1.67	3.33	0.48	0.5	3.33	1.3 No	0.48	Thermal Discharging
TWL066	372	'8756293_/_8756290'	1.8	5	10	1.45	1.9	3.33	1.3 No	1.3	Unintentional Islanding
TWL066	373	'43711518_/_43711515'	0.6	1.67	3.33	0.48	0.5	3.33	1.3 No	0.48	Thermal Discharging
TWL066	374	'5434062_/_5434059'	0.67	1.67	3.33	0.48	0.5	3.33	1.3 No	0.48	Thermal Discharging
TWL066	375	'471712077_/_5430575_2'	0.63	1.67	3.33	0.17	0.5	3.33	1.3 No	0.17	Thermal Discharging
TWL066	376	'655268327_/_622615399'	1.9	5	10	0.52	1.7	3.33	1.3 No	0.52	Thermal Discharging
TWL066	377	'471712078_/_471712075'	0.63	1.67	3.33	0.17	0.5	3.33	1.3 No	0.17	Thermal Discharging
TWL066	378	'43711664_/_5431594'	1.9	5	10	0.52	4.9	10	3.91 No	0.52	Thermal Discharging
TWL066	379	'5430591_/_5430588'	0.63	1.67	3.33	0.17	0.5	3.33	1.3 No	0.17	Thermal Discharging
TWL066	380	'43709856_/_5417551'	0.67	1.63	3.33	0.14	1.1	3.33	1.3 No	0.14	Thermal Discharging
TWL066	381	'5417528_/_5422930'	0.77	1.63	3.33	0.17	0.5	3.33	1.3 No	0.17	Thermal Discharging
TWL066	382	'5432034_/_43711811_2'	0.57	1.63	3.33	0.48	0.3	3.33	1.3 No	0.3	Element Fault
TWL066	383	'5418693_/_5418703'	0.57	1.63	3.33	0.48	0.5	3.33	1.3 No	0.48	Thermal Discharging
TWL066	384	'5419014_/_5419024'	0.8	1.63	3.33	0.04	1.4	3.33	1.3 No	0.04	Thermal Discharging
TWL066	385	'5418521_/_5418531'	0.8	1.63	3.33	0.04	1.1	3.33	1.3 No	0.04	Thermal Discharging
TWL066	386	'43708451_/_5415527'	0.57	1.63	3.33	0.48	0.5	3.33	1.3 No	0.48	Thermal Discharging
TWL066	387	'5418575_/_5418573'	0.57	1.63	3.33	0.48	0.5	3.33	1.3 No	0.48	Thermal Discharging
TWL066	388	'43708440_/_5415287'	0.6	1.63	3.33	0.48	0.5	3.33	1.3 No	0.48	Thermal Discharging
TWL066	389	'5427161_/_5432018'	0.57	1.63	3.33	0.48	0.5	3.33	1.3 No	0.48	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over- Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TWL066	390	'5417647_/_43709847'		0.63	1.63	3.33	0.14	1.3	3.33	1.3 No	0.14 Thermal Discharging
TWL066	391	'489593666_/_489593670'		0.57	1.63	3.33	0.48	0.5	3.33	1.3 No	0.48 Thermal Discharging
TWL066	392	'5415939_/_5415936'		0.6	1.63	3.33	0.17	0.5	3.33	1.3 No	0.17 Thermal Discharging
TWL066	393	'5415332_/_5415342'		0.57	1.63	3.33	0.48	0.5	3.33	1.3 No	0.48 Thermal Discharging
TWL066	394	'5418774_/_5418784'		0.77	1.63	3.33	0.04	1.1	3.33	1.3 No	0.04 Thermal Discharging
TWL066	395	'5430565_/_5430575_1'		0.63	1.63	3.33	0.17	0.5	3.33	1.3 No	0.17 Thermal Discharging
TWL066	396	'5416006_/_5416004'		0.77	1.6	3.33	0.17	1.1	3.33	1.3 No	0.17 Thermal Discharging
TWL066	397	'5416159_/_5416156'		0.63	1.6	3.33	0.17	1.1	3.33	1.3 No	0.17 Thermal Discharging
TWL066	398	'5418998_/_5419011'		0.77	1.6	3.33	0.04	1.4	10	3.91 No	0.04 Thermal Discharging
TWL066	399	'5403438_/_5403448'		0.77	1.6	3.33	0.48	0.5	3.33	1.3 No	0.48 Thermal Discharging
TWL066	400	'5431597_/_43711666'		1.8	4.8	10	0.52	4.9	3.33	1.3 No	0.52 Thermal Discharging
TWL066	401	'5415303_/_43708442'		0.57	1.6	3.33	0.48	0.5	3.33	1.3 No	0.48 Thermal Discharging
TWL066	402	'43708396_/_5415381'		0.57	1.6	3.33	0.48	0.5	3.33	1.3 No	0.48 Thermal Discharging
TWL066	403	'5419118_/_5419219'		0.67	1.6	3.33	0.48	0.5	3.33	1.3 No	0.48 Thermal Discharging
TWL066	404	'43708374_/_5415109'		0.67	1.6	3.33	0.48	0.5	3.33	1.3 No	0.48 Thermal Discharging
TWL066	405	'5418024_/_5418021'		0.63	1.6	3.33	0.14	1.3	3.33	1.3 No	0.14 Thermal Discharging
TWL066	406	'655268348_/_655268331'		1.8	4.8	10	0.52	1.7	3.33	1.3 No	0.52 Thermal Discharging
TWL066	407	'5417648_/_5417645'		0.63	1.6	3.33	0.14	1.3	10	3.91 No	0.14 Thermal Discharging
TWL066	408	'43711587_/_5430601'		0.63	1.6	3.33	0.17	0.5	3.33	1.3 No	0.17 Thermal Discharging
TWL066	409	'43711677_/_5430562'		0.63	1.57	3.33	0.17	0.5	3.33	1.3 No	0.17 Thermal Discharging
TWL066	410	'43711389_/_43711391'		0.7	1.57	3.33	0.17	0.5	3.33	1.3 No	0.17 Thermal Discharging
TWL066	411	'5415319_/_5415316'		0.57	1.57	3.33	0.48	0.5	10	3.91 No	0.48 Thermal Discharging
TWL066	412	'5434075_/_5434072'		0.67	1.57	3.33	0.48	0.5	3.33	1.3 No	0.48 Thermal Discharging
TWL066	413	'5431807_/_5431821'		1.8	4.7	10	0.52	4.5	3.33	1.3 No	0.52 Thermal Discharging
TWL066	414	'43709878_/_43709880'		0.63	1.57	3.33	0.14	1.1	3.33	1.3 No	0.14 Thermal Discharging
TWL066	415	'5418943_/_5418995'		0.73	1.57	3.33	0.04	1.4	3.33	1.3 No	0.04 Thermal Discharging
TWL066	416	'5415543_/_5415540'		0.57	1.57	3.33	0.48	0.5	3.33	1.3 No	0.48 Thermal Discharging
TWL066	417	'5415331_/_5415329'		0.57	1.57	3.33	0.48	0.5	3.33	1.3 No	0.48 Thermal Discharging
TWL066	418	'5419367_/_5419365'		0.57	1.57	3.33	0.48	0.5	3.33	1.3 No	0.48 Thermal Discharging
TWL066	419	'5417515_/_5417525'		0.73	1.53	3.33	0.17	0.5	3.33	1.3 No	0.17 Thermal Discharging
TWL066	420	'5417298_/_5417538'		0.6	1.53	3.33	0.14	1.1	3.33	1.3 No	0.14 Thermal Discharging
TWL066	421	'5417661_/_5417658'		0.6	1.53	3.33	0.14	1.3	3.33	1.3 No	0.14 Thermal Discharging
TWL066	422	'43710258_/_5418690'		0.53	1.53	3.33	0.48	0.5	3.33	1.3 No	0.48 Thermal Discharging
TWL066	423	'43710236_/_5418518'		0.73	1.53	3.33	0.04	1.1	3.33	1.3 No	0.04 Thermal Discharging
TWL066	424	'5415397_/_43708398'		0.53	1.53	3.33	0.48	0.5	3.33	1.3 No	0.48 Thermal Discharging
TWL066	425	'5418800_/_5418914'		0.53	1.53	3.33	0.48	0.5	3.33	1.3 No	0.48 Thermal Discharging
TWL066	426	'5419117_/_5419115'		0.63	1.53	3.33	0.48	0.5	3.33	1.3 No	0.48 Thermal Discharging
TWL066	427	'5415952_/_5415949'		0.57	1.53	3.33	0.17	0.5	3.33	1.3 No	0.17 Thermal Discharging
TWL066	428	'49461748_/_655268352'		1.7	4.6	10	0.52	1.7	10	3.91 No	0.52 Thermal Discharging
TWL066	429	'43710313_/_43710315'		0.53	1.53	3.33	0.48	0.5	3.33	1.3 No	0.48 Thermal Discharging
TWL066	430	'43710203_/_5418771'		0.73	1.53	3.33	0.04	1.1	3.33	1.3 No	0.04 Thermal Discharging
TWL066	431	'43708719_/_5416169'		0.6	1.53	3.33	0.17	1.1	3.33	1.3 No	0.17 Thermal Discharging
TWL066	432	'5430617_/_43711589'		0.63	1.53	3.33	0.17	0.5	10	3.91 No	0.17 Thermal Discharging
TWL066	433	'5431790_/_5431804'		1.7	4.6	10	0.52	4.5	3.33	1.3 No	0.52 Thermal Discharging
TWL066	434	'5427162_/_5427159'		0.5	1.5	3.33	0.48	0.5	10	3.91 No	0.48 Thermal Discharging
TWL066	435	'7180353_/_7180447_1'		0.57	1.5	3.33	0.17	0.5	3.33	1.3 No	0.17 Thermal Discharging
TWL066	436	'5415125_/_43708376'		0.63	1.5	3.33	0.48	0.5	3.33	1.3 No	0.48 Thermal Discharging
TWL066	437	'5430551_/_5430549'		0.63	1.5	3.33	0.17	0.5	3.33	1.3 No	0.17 Thermal Discharging
TWL066	438	'43712195_/_5434085'		0.67	1.5	3.33	0.48	0.5	3.33	1.3 No	0.48 Thermal Discharging
TWL066	439	'7180450_/_7180447_2'		0.57	1.5	3.33	0.17	0.5	3.33	1.3 No	0.17 Thermal Discharging
TWL066	440	'5417674_/_5417671'		0.6	1.5	3.33	0.14	1.3	10	3.91 No	0.14 Thermal Discharging
TWL066	441	'5431773_/_5431787'		1.7	4.4	10	0.52	4.5	3.33	1.3 No	0.52 Thermal Discharging
TWL066	442	'5403437_/_5403435'		0.7	1.47	3.33	0.48	0.5	3.33	1.3 No	0.48 Thermal Discharging
TWL066	443	'5422946_/_5425448'		0.7	1.47	3.33	0.17	0.5	3.33	1.3 No	0.17 Thermal Discharging
TWL066	444	'5418959_/_5418956'		0.7	1.47	3.33	0.04	1.1	3.33	1.3 No	0.04 Thermal Discharging
TWL066	445	'5417514_/_5417512'		0.7	1.47	3.33	0.17	0.5	3.33	1.3 No	0.17 Thermal Discharging
TWL066	446	'45268363_/_5417716'		0.6	1.47	3.33	0.14	1.1	3.33	1.3 No	0.14 Thermal Discharging
TWL066	447	'5417706_/_5418034'		0.6	1.47	3.33	0.14	1.3	3.33	1.3 No	0.14 Thermal Discharging
TWL066	448	'5416185_/_5416182'		0.6	1.47	3.33	0.17	1.1	3.33	1.3 No	0.17 Thermal Discharging
TWL066	449	'7177806_/_7177819_1'		0.6	1.47	3.33	0.17	1.1	3.33	1.3 No	0.17 Thermal Discharging
TWL066	450	'5416252_/_5430627'		0.63	1.47	3.33	0.17	0.5	3.33	1.3 No	0.17 Thermal Discharging
TWL066	451	'5418942_/_5418940'		0.7	1.47	3.33	0.04	1.1	3.33	1.3 No	0.04 Thermal Discharging
TWL066	452	'5433408_/_43712085'		0.53	1.47	3.33	0.48	0.5	3.33	1.3 No	0.48 Thermal Discharging
TWL066	453	'654569811_/_7177819_2'		0.6	1.47	3.33	0.17	0.5	3.33	1.3 No	0.17 Thermal Discharging
TWL066	454	'5429341_/_5429338'		0.53	1.47	3.33	0.48	0.5	10	3.91 No	0.48 Thermal Discharging
TWL066	455	'43710137_/_43710139'		0.53	1.47	3.33	0.48	0.5	3.33	1.3 No	0.48 Thermal Discharging
TWL066	456	'86843228_/_5415962'		0.53	1.47	3.33	0.17	0.5	3.33	1.3 No	0.17 Thermal Discharging
TWL066	457	'5431756_/_5431770'		1.6	4.4	10	0.52	4.5	3.33	1.3 No	0.52 Thermal Discharging
TWL066	458	'5430687_/_7180460'		0.53	1.47	3.33	0.17	0.5	3.33	1.3 No	0.17 Thermal Discharging
TWL066	459	'5417285_/_5417295'		0.57	1.47	3.33	0.14	1.1	3.33	1.3 No	0.14 Thermal Discharging
TWL066	460	'5419817_/_5419827'		0.7	1.47	3.33	0.04	1.1	3.33	1.3 No	0.04 Thermal Discharging
TWL066	461	'53367762_/_5418560'		0.5	1.43	3.33	0.48	0.5	3.33	1.3 No	0.48 Thermal Discharging
TWL066	462	'7180434_/_7180473'		0.53	1.43	3.33	0.17	0.5	3.33	1.3 No	0.17 Thermal Discharging
TWL066	463	'43709688_/_5427192'		0.5	1.43	3.33	0.48	0.5	3.33	1.3 No	0.48 Thermal Discharging
TWL066	464	'5415138_/_5415135'		0.6	1.43	3.33	0.48	0.5	3.33	1.3 No	0.48 Thermal Discharging
TWL066	465	'5418050_/_5418047'		0.6	1.43	3.33	0.14	1.2	3.33	1.3 No	0.14 Thermal Discharging
TWL066	466	'5418680_/_5418758'		0.5	1.43	3.33	0.48	0.5	3.33	1.3 No	0.48 Thermal Discharging
TWL066	467	'5418903_/_5418901'		0.67	1.43	3.33	0.04	1.1	3.33	1.3 No	0.04 Thermal Discharging
TWL066	468	'43708752_/_7171090'		1.6	4.3	10	0.52	1.7	3.33	1.3 No	0.52 Thermal Discharging
TWL066	469	'5416253_/_5416250'		0.63	1.43	3.33	0.17	0.5	10	3.91 No	0.17 Thermal Discharging
TWL066	470	'43711576_/_43711578'		0.63	1.43	3.33	0.17	0.5	3.33	1.3 No	0.17 Thermal Discharging
TWL066	471	'5418972_/_5418969'		0.67	1.43	3.33	0.04	1.1	3.33	1.3 No	0.04 Thermal Discharging
TWL066	472	'43708881_/_7177819_3'		0.57	1.43	3.33	0.17	0.5	3.33	1.3 No	0.17 Thermal Discharging
TWL066	473	'5417943_/_5422943'		0.7	1.43	3.33	0.17	0.5	3.33	1.3 No	0.17 Thermal Discharging
TWL066	474	'5416198_/_5416195'		0.57	1.43	3.33	0.17	1.1	10	3.91 No	0.17 Thermal Discharging
TWL066	475	'5431739_/_5431753'		1.6	4.2	10	0.52	4.5	3.33	1.3 No	0.52 Thermal Discharging
TWL066	476	'7180366_/_7180376_1'		0.53	1.4	3.33	0.17	0.5	3.33	1.3 No	0.17 Thermal Discharging
TWL066	477	'5417705_/_5417703'		0.57	1.4	3.33	0.14	1.1	3.33	1.3 No	0.14 Thermal Discharging
TWL066	478	'5417891_/_5417888'		0.57	1.4	3.33	0.14	1.1	3.33	1.3 No	0.14 Thermal Discharging
TWL066	479	'5418079_/_5418076_2'		0.7	1.4	3.33	0.17	0.5	3.33	1.3 No	0.17 Thermal Discharging
TWL066	480	'5429354_/_5429351'		0.5	1.4	3.33	0.48	0.5	3.33	1.3 No	0.48 Thermal Discharging
TWL066	481	'5430675_/_7180431'		0.53	1.4	3.33	0.17	0.5	3.33	1.3 No	0.17 Thermal Discharging
TWL066	482	'43708629_/_5415975'		0.5	1.4	3.33	0.17	0.5	10	3.91 No	0.17 Thermal Discharging
TWL066	483	'7180379_/_7180376_2'		0.53	1.4	3.33	0.17	0.5	3.33	1.3 No	0.17 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TWL066	484	'43711620_/_5430685'		0.53	1.4	3.33	0.17	0.5	3.33	1.3 No	0.17 Thermal Discharging
TWL066	485	'5417272_/_5417282'		0.53	1.4	3.33	0.14	1.1	3.33	1.3 No	0.14 Thermal Discharging
TWL066	486	'5431719_/_5431736'		1.6	4.2	10	0.52	4.5	3.33	1.3 No	0.52 Thermal Discharging
TWL066	487	'5418679_/_5418677'		0.5	1.4	3.33	0.48	0.5	3.33	1.3 No	0.48 Thermal Discharging
TWL066	488	'7171093_/_43708754'		1.6	4.1	10	0.52	1.7	3.33	1.3 No	0.52 Thermal Discharging
TWL066	489	'5417311_/_5417308'		0.47	1.37	3.33	0.48	0.5	3.33	1.3 No	0.47 Primary Over-Voltage
TWL066	490	'43711866_/_43711868'		0.67	1.37	3.33	0.04	1.1	10	3.91 No	0.04 Thermal Discharging
TWL066	491	'7501689_/_8760856_1'		1.6	4.1	10	0.52	1.1	3.33	1.3 No	0.52 Thermal Discharging
TWL066	492	'5430831_/_5430828'		0.57	1.37	3.33	0.14	1.2	3.33	1.3 No	0.14 Thermal Discharging
TWL066	493	'5419804_/_5419814'		0.67	1.37	3.33	0.04	1.1	3.33	1.3 No	0.04 Thermal Discharging
TWL066	494	'5431702_/_5431716'		1.5	4.1	10	0.52	4.5	3.33	1.3 No	0.52 Thermal Discharging
TWL066	495	'5431123_/_5431120'		0.63	1.37	3.33	0.17	0.5	3.33	1.3 No	0.17 Thermal Discharging
TWL066	496	'5421049_/_5421059'		0.5	1.37	3.33	0.48	0.5	3.33	1.3 No	0.48 Thermal Discharging
TWL066	497	'5419869_/_5419879'		0.63	1.37	3.33	0.04	1.1	3.33	1.3 No	0.04 Thermal Discharging
TWL066	498	'5416211_/_5416208'		0.53	1.37	3.33	0.17	1.1	3.33	1.3 No	0.17 Thermal Discharging
TWL066	499	'7180405_/_7180415'		0.53	1.37	3.33	0.17	0.5	3.33	1.3 No	0.17 Thermal Discharging
TWL066	500	'5431888_/_7180389'		0.53	1.37	3.33	0.17	0.5	3.33	1.3 No	0.17 Thermal Discharging
TWL066	501	'5417930_/_5417940'		0.67	1.37	3.33	0.17	0.5	10	3.91 No	0.17 Thermal Discharging
TWL066	502	'5419104_/_5419102'		0.63	1.33	3.33	0.04	1.1	3.33	1.3 No	0.04 Thermal Discharging
TWL066	503	'43709900_/_5417901'		0.53	1.33	3.33	0.14	1.1	3.33	1.3 No	0.14 Thermal Discharging
TWL066	504	'5428642_/_5428652'		0.53	1.33	3.33	0.14	1.1	3.33	1.3 No	0.14 Thermal Discharging
TWL066	505	'5418063_/_5418076_1'		0.67	1.33	3.33	0.17	0.5	3.33	1.3 No	0.17 Thermal Discharging
TWL066	506	'45169051_/_5415991'		0.47	1.33	3.33	0.17	0.5	10	3.91 No	0.17 Thermal Discharging
TWL066	507	'43711609_/_43711611'		0.5	1.33	3.33	0.17	0.5	3.33	1.3 No	0.17 Thermal Discharging
TWL066	508	'5417271_/_43709725'		0.53	1.33	3.33	0.14	1.1	3.33	1.3 No	0.14 Thermal Discharging
TWL066	509	'5416265_/_43711622'		0.5	1.3	3.33	0.17	0.5	3.33	1.3 No	0.17 Thermal Discharging
TWL066	510	'5431240_/_5431699'		1.5	3.9	10	0.52	4.5	3.33	1.3 No	0.52 Thermal Discharging
TWL066	511	'5431389_/_5431412'		0.53	1.3	3.33	0.14	1.2	3.33	1.3 No	0.14 Thermal Discharging
TWL066	512	'5417324_/_5417321'		0.43	1.3	3.33	0.48	0.5	3.33	1.3 No	0.43 Primary Over-Voltage
TWL066	513	'5431873_/_7180402'		0.53	1.3	3.33	0.17	0.5	3.33	1.3 No	0.17 Thermal Discharging
TWL066	514	'5431253_/_5431263_1'		0.5	1.3	3.33	0.17	0.5	3.33	1.3 No	0.17 Thermal Discharging
TWL066	515	'5431136_/_5431133'		0.63	1.3	3.33	0.17	0.5	3.33	1.3 No	0.17 Thermal Discharging
TWL066	516	'5419856_/_5419866'		0.63	1.3	3.33	0.04	1.1	3.33	1.3 No	0.04 Thermal Discharging
TWL066	517	'5432295_/_5432293'		0.63	1.3	3.33	0.04	1.1	3.33	1.3 No	0.04 Thermal Discharging
TWL066	518	'563626062_/_5416221_1'		0.53	1.3	3.33	0.17	1.1	3.33	1.3 No	0.17 Thermal Discharging
TWL066	519	'43709911_/_5417927'		0.63	1.3	3.33	0.17	0.5	10	3.91 No	0.17 Thermal Discharging
TWL066	520	'5431227_/_5431237'		0.5	1.3	3.33	0.17	1.4	3.33	1.3 No	0.17 Thermal Discharging
TWL066	521	'5419791_/_5419801'		0.6	1.3	3.33	0.04	1.1	3.33	1.3 No	0.04 Thermal Discharging
TWL066	522	'5421036_/_5421046'		0.47	1.3	3.33	0.48	0.5	3.33	1.3 No	0.47 Primary Over-Voltage
TWL066	523	'8350025_/_8760856_2'		1.5	3.9	10	0.52	1.1	3.33	1.3 No	0.52 Thermal Discharging
TWL066	524	'5416224_/_5416221_2'		0.53	1.3	3.33	0.17	1.1	3.33	1.3 No	0.17 Thermal Discharging
TWL066	525	'5431668_/_5431682'		1.4	3.9	10	0.52	4.4	3.33	1.3 No	0.52 Thermal Discharging
TWL066	526	'5431376_/_5431386'		0.53	1.27	3.33	0.14	1.1	10	3.91 No	0.14 Thermal Discharging
TWL066	527	'43711653_/_5431886'		0.53	1.27	3.33	0.17	0.5	3.33	1.3 No	0.17 Thermal Discharging
TWL066	528	'5421169_/_5421166'		0.47	1.27	3.33	0.48	0.5	3.33	1.3 No	0.47 Primary Over-Voltage
TWL066	529	'5419934_/_5419944'		0.6	1.27	3.33	0.04	1.1	3.33	1.3 No	0.04 Thermal Discharging
TWL066	530	'5417878_/_5418060'		0.63	1.27	3.33	0.17	0.5	3.33	1.3 No	0.17 Thermal Discharging
TWL066	531	'5417904_/_43709902'		0.53	1.27	3.33	0.14	1.1	3.33	1.3 No	0.14 Thermal Discharging
TWL066	532	'43709889_/_5428639'		0.53	1.27	3.33	0.14	1.1	3.33	1.3 No	0.14 Thermal Discharging
TWL066	533	'5431266_/_5431263_2'		0.5	1.27	3.33	0.17	0.5	10	3.91 No	0.17 Thermal Discharging
TWL066	534	'5431651_/_5431665'		1.4	3.8	10	0.52	4.4	3.33	1.3 No	0.52 Thermal Discharging
TWL066	535	'5430646_/_5430656'		0.47	1.27	3.33	0.17	0.5	3.33	1.3 No	0.17 Thermal Discharging
TWL066	536	'43711688_/_5431224'		0.47	1.27	3.33	0.17	1.4	3.33	1.3 No	0.17 Thermal Discharging
TWL066	537	'5416266_/_5416263'		0.47	1.27	3.33	0.17	0.5	3.33	1.3 No	0.17 Thermal Discharging
TWL066	538	'563626063_/_563626060_2'		0.5	1.27	3.33	0.17	1.1	10	3.91 No	0.17 Thermal Discharging
TWL066	539	'5430817_/_5431399'		0.53	1.27	3.33	0.14	1.2	3.33	1.3 No	0.14 Thermal Discharging
TWL066	540	'5417340_/_5417337'		0.43	1.27	3.33	0.48	0.5	3.33	1.3 No	0.43 Primary Over-Voltage
TWL066	541	'5431162_/_5431172'		0.6	1.23	3.33	0.17	0.5	3.33	1.3 No	0.17 Thermal Discharging
TWL066	542	'5421101_/_5421111'		0.43	1.23	3.33	0.48	0.5	3.33	1.3 No	0.43 Primary Over-Voltage
TWL066	543	'5431428_/_5431425'		0.53	1.23	3.33	0.14	1.1	10	3.91 No	0.14 Thermal Discharging
TWL066	544	'43711642_/_43711644'		0.53	1.23	3.33	0.17	0.5	3.33	1.3 No	0.17 Thermal Discharging
TWL066	545	'563626098_/_563626095'		0.5	1.23	3.33	0.17	1.1	3.33	1.3 No	0.17 Thermal Discharging
TWL066	546	'5403385_/_5431899'		0.53	1.23	3.33	0.17	0.5	3.33	1.3 No	0.17 Thermal Discharging
TWL066	547	'5419843_/_5419853'		0.6	1.23	3.33	0.04	1.1	3.33	1.3 No	0.04 Thermal Discharging
TWL066	548	'43709910_/_5417914'		0.6	1.23	3.33	0.17	0.5	3.33	1.3 No	0.17 Thermal Discharging
TWL066	549	'5431331_/_5431648'		1.4	3.7	10	0.52	4.4	3.33	1.3 No	0.52 Thermal Discharging
TWL066	550	'43710359_/_43710361'		0.6	1.23	3.33	0.04	1.1	3.33	1.3 No	0.04 Thermal Discharging
TWL066	551	'44072888_/_43708883'		0.5	1.23	3.33	0.17	0.5	10	3.91 No	0.17 Thermal Discharging
TWL066	552	'5431213_/_5431211'		0.47	1.23	3.33	0.17	1.4	3.33	1.3 No	0.17 Thermal Discharging
TWL066	553	'43709944_/_43709946'		0.6	1.23	3.33	0.17	0.5	3.33	1.3 No	0.17 Thermal Discharging
TWL066	554	'5431279_/_5431276'		0.5	1.23	3.33	0.17	0.5	3.33	1.3 No	0.17 Thermal Discharging
TWL066	555	'43711598_/_43711600'		0.47	1.23	3.33	0.17	0.5	3.33	1.3 No	0.17 Thermal Discharging
TWL066	556	'8350026_/_8350023'		1.4	3.7	10	0.52	1.1	3.33	1.3 No	0.52 Thermal Discharging
TWL066	557	'5416093_/_5425398'		0.6	1.23	3.33	0.17	0.5	3.33	1.3 No	0.17 Thermal Discharging
TWL066	558	'5417408_/_5417687'		0.5	1.23	3.33	0.14	1.1	3.33	1.3 No	0.14 Thermal Discharging
TWL066	559	'5419419_/_5421182'		0.43	1.23	3.33	0.48	0.5	3.33	1.3 No	0.43 Primary Over-Voltage
TWL066	560	'5421022_/_5421033'		0.43	1.23	3.33	0.48	0.5	10	3.91 No	0.43 Primary Over-Voltage
TWL066	561	'5419921_/_5419931'		0.57	1.23	3.33	0.04	1.1	3.33	1.3 No	0.04 Thermal Discharging
TWL066	562	'43711732_/_43711734'		0.5	1.2	3.33	0.14	1.1	10	3.91 No	0.14 Thermal Discharging
TWL066	563	'5431318_/_5431328'		0.47	1.2	3.33	0.17	1.1	3.33	1.3 No	0.17 Thermal Discharging
TWL066	564	'5430818_/_5430815'		0.5	1.2	3.33	0.14	1.2	3.33	1.3 No	0.14 Thermal Discharging
TWL066	565	'5431457_/_5431454'		0.5	1.2	3.33	0.14	1.1	3.33	1.3 No	0.14 Thermal Discharging
TWL066	566	'5431617_/_5431631'		1.4	3.6	10	0.52	4.4	10	3.91 No	0.52 Thermal Discharging
TWL066	567	'5431161_/_5431159'		0.6	1.2	3.33	0.17	0.5	3.33	1.3 No	0.17 Thermal Discharging
TWL066	568	'43708779_/_5416276'		0.47	1.2	3.33	0.17	0.5	3.33	1.3 No	0.17 Thermal Discharging
TWL066	569	'43711776_/_43711778'		0.47	1.2	3.33	0.17	1.4	3.33	1.3 No	0.17 Thermal Discharging
TWL066	570	'5431844_/_5431857'		0.53	1.2	3.33	0.17	0.5	3.33	1.3 No	0.17 Thermal Discharging
TWL066	571	'5429419_/_5431614'		1.3	3.6	10	0.52	4.4	3.33	1.3 No	0.52 Thermal Discharging
TWL066	572	'5430843_/_5431441'		0.5	1.2	3.33	0.14	1.1	3.33	1.3 No	0.14 Thermal Discharging
TWL066	573	'43708837_/_5403383'		0.53	1.2	3.33	0.17	0.5	3.33	1.3 No	0.17 Thermal Discharging
TWL066	574	'5417395_/_5417405'		0.5	1.2	3.33	0.14	1.1	3.33	1.3 No	0.14 Thermal Discharging
TWL066	575	'43710795_/_5421098'		0.43	1.2	3.33	0.48	0.5	3.33	1.3 No	0.43 Primary Over-Voltage
TWL066	576	'5417852_/_5417862'		0.57	1.17	3.33	0.17	0.5	3.33	1.3 No	0.17 Thermal Discharging
TWL066	577	'5430645_/_5430643'		0.43	1.17	3.33	0.17	0.5	3.33	1.3 No	0.17 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TWL066	578	'43711855_/_5432267'	0.5	1.17	3.33	0.17	0.5	3.33	1.3 No	0.17	Thermal Discharging
TWL066	579	'43708697_/_5416091'	0.57	1.17	3.33	0.17	0.5	3.33	1.3 No	0.17	Thermal Discharging
TWL066	580	'5419790_/_5419788'	0.57	1.17	3.33	0.04	1.1	3.33	1.3 No	0.04	Thermal Discharging
TWL066	581	'43710370_/_43710372'	0.57	1.17	3.33	0.04	1.1	3.33	1.3 No	0.04	Thermal Discharging
TWL066	582	'5432254_/_5432251'	0.5	1.17	3.33	0.14	1.2	3.33	1.3 No	0.14	Thermal Discharging
TWL066	583	'44874322_/_5431538'	0.43	1.17	3.33	0.17	1.4	3.33	1.3 No	0.17	Thermal Discharging
TWL066	584	'5431843_/_5431841'	0.53	1.17	3.33	0.17	0.5	3.33	1.3 No	0.17	Thermal Discharging
TWL066	585	'5421007_/_5421020'	0.43	1.17	3.33	0.48	0.5	3.33	1.3 No	0.43	Primary Over-Voltage
TWL066	586	'5431470_/_5431467'	0.5	1.17	3.33	0.14	1.1	10	3.91 No	0.14	Thermal Discharging
TWL066	587	'5417382_/_5417392'	0.47	1.17	3.33	0.14	1.1	10	3.91 No	0.14	Thermal Discharging
TWL066	588	'43711710_/_43711712'	0.47	1.17	3.33	0.17	1.1	3.33	1.3 No	0.17	Thermal Discharging
TWL066	589	'5419908_/_5419918'	0.57	1.17	3.33	0.04	1.1	3.33	1.3 No	0.04	Thermal Discharging
TWL066	590	'5416292_/_5416289'	0.43	1.17	3.33	0.17	0.5	3.33	1.3 No	0.17	Thermal Discharging
TWL066	591	'5431016_/_5431360'	0.5	1.17	3.33	0.14	1.1	3.33	1.3 No	0.14	Thermal Discharging
TWL066	592	'5429418_/_5429416'	1.3	3.5	10	0.52	4.4	3.33	1.3 No	0.52	Thermal Discharging
TWL066	593	'8130100_/_9368838'	1.3	3.5	10	0.52	1.1	3.33	1.3 No	0.52	Thermal Discharging
TWL066	594	'7712724_/_8341035_1'	1.3	3.5	10	0.52	1.2	10	3.91 No	0.52	Thermal Discharging
TWL066	595	'5419420_/_5419417'	0.43	1.17	3.33	0.48	0.5	10	3.91 No	0.43	Primary Over-Voltage
TWL066	596	'5403399_/_43708839'	0.53	1.13	3.33	0.17	0.5	10	3.91 No	0.17	Thermal Discharging
TWL066	597	'8135192_/_9078925'	1.3	3.4	10	0.52	1.1	10	3.91 No	0.52	Thermal Discharging
TWL066	598	'5421088_/_5421124'	0.4	1.13	3.33	0.48	0.5	10	3.91 No	0.4	Primary Over-Voltage
TWL066	599	'5430844_/_5430841'	0.47	1.13	3.33	0.14	1.1	3.33	1.3 No	0.14	Thermal Discharging
TWL066	600	'5428613_/_5431344'	0.43	1.13	3.33	0.17	1.1	3.33	1.3 No	0.17	Thermal Discharging
TWL066	601	'5417839_/_5417849'	0.57	1.13	3.33	0.17	0.5	3.33	1.3 No	0.17	Thermal Discharging
TWL066	602	'43708915_/_43711857'	0.47	1.13	3.33	0.17	0.5	3.33	1.3 No	0.17	Thermal Discharging
TWL066	603	'37912441_/_8341035_2'	1.3	3.4	10	0.52	1.2	3.33	1.3 No	0.52	Thermal Discharging
TWL066	604	'37912420_/_37912445'	1.3	3.4	10	0.52	0.9	3.33	1.3 No	0.52	Thermal Discharging
TWL066	605	'37912413_/_37912417'	1.3	3.4	10	0.52	0.9	3.33	1.3 No	0.52	Thermal Discharging
TWL066	606	'37912427_/_37912424'	1.3	3.4	10	0.52	0.9	3.33	1.3 No	0.52	Thermal Discharging
TWL066	607	'404419010_/_404419007'	1.3	3.4	10	0.52	0.9	3.33	1.3 No	0.52	Thermal Discharging
TWL066	608	'7812390_/_8443114'	1.3	2.8	10	0.52	1.1	3.33	1.3 No	0.52	Thermal Discharging
TWL066	609	'43711798_/_5431957'	0.47	1.13	3.33	0.14	1.1	3.33	1.3 No	0.14	Thermal Discharging
TWL066	610	'5417369_/_5417379'	0.47	1.13	3.33	0.14	1.1	3.33	1.3 No	0.14	Thermal Discharging
TWL066	611	'5416305_/_5416302'	0.43	1.13	3.33	0.17	0.5	3.33	1.3 No	0.17	Thermal Discharging
TWL066	612	'43708702_/_43708699'	0.57	1.13	3.33	0.17	0.5	3.33	1.3 No	0.17	Thermal Discharging
TWL066	613	'5428599_/_5428610'	0.43	1.13	3.33	0.17	1.1	3.33	1.3 No	0.17	Thermal Discharging
TWL066	614	'43708848_/_5403409'	0.53	1.13	3.33	0.17	0.5	3.33	1.3 No	0.17	Thermal Discharging
TWL066	615	'5431292_/_5431302'	0.47	1.13	3.33	0.17	1.1	3.33	1.3 No	0.17	Thermal Discharging
TWL066	616	'5421087_/_5421085'	0.4	1.13	3.33	0.48	0.5	3.33	1.3 No	0.4	Primary Over-Voltage
TWL066	617	'43710381_/_5419905'	0.53	1.1	3.33	0.04	1.1	3.33	1.3 No	0.04	Thermal Discharging
TWL066	618	'5419842_/_5419840'	0.53	1.1	3.33	0.04	1.1	3.33	1.3 No	0.04	Thermal Discharging
TWL066	619	'5431944_/_43711800'	0.47	1.1	3.33	0.14	1.1	3.33	1.3 No	0.14	Thermal Discharging
TWL066	620	'7812389_/_7812387'	1.3	2.8	10	0.52	1.1	3.33	1.3 No	0.52	Thermal Discharging
TWL066	621	'5419511_/_5419521'	0.4	1.1	3.33	0.48	0.5	3.33	1.3 No	0.4	Primary Over-Voltage
TWL066	622	'43711721_/_43711723'	0.47	1.1	3.33	0.14	1.1	3.33	1.3 No	0.14	Thermal Discharging
TWL066	623	'5421006_/_5421004'	0.4	1.1	3.33	0.48	0.5	3.33	1.3 No	0.4	Primary Over-Voltage
TWL066	624	'7712879_/_386252003_2'	0.47	1.1	3.33	0.14	1.1	6.67	2.61 No	0.14	Thermal Discharging
TWL066	625	'43711754_/_5431094'	0.47	1.1	3.33	0.14	1.1	3.33	1.3 No	0.14	Thermal Discharging
TWL066	626	'43709933_/_5417836'	0.53	1.1	3.33	0.17	0.5	10	3.91 No	0.17	Thermal Discharging
TWL066	627	'43708790_/_5416315'	0.4	1.1	3.33	0.17	0.5	10	3.91 No	0.17	Thermal Discharging
TWL066	628	'43709677_/_5417366'	0.47	1.1	3.33	0.14	1.1	10	3.91 No	0.14	Thermal Discharging
TWL066	629	'5428587_/_5428597'	0.43	1.1	3.33	0.17	1.1	10	3.91 No	0.17	Thermal Discharging
TWL066	630	'5428467_/_43708917'	0.47	1.1	3.33	0.17	0.5	10	3.91 No	0.17	Thermal Discharging
TWL066	631	'5403425_/_5403422'	0.53	1.1	3.33	0.17	0.5	3.33	1.3 No	0.17	Thermal Discharging
TWL066	632	'43711699_/_43711701'	0.43	1.1	3.33	0.17	1.1	3.33	1.3 No	0.17	Thermal Discharging
TWL066	633	'43708662_/_44072890'	0.43	1.07	3.33	0.17	0.5	10	3.91 No	0.17	Thermal Discharging
TWL066	634	'155784301_/_155784342'	0.8	2.13	6.67	0.35	0.6	10	3.91 No	0.35	Thermal Discharging
TWL066	635	'43710841_/_43710843'	0.4	1.07	3.33	0.48	0.5	3.33	1.3 No	0.4	Primary Over-Voltage
TWL066	636	'43708981_/_43708983'	0.43	1.07	3.33	0.17	1.1	3.33	1.3 No	0.17	Thermal Discharging
TWL066	637	'5428440_/_5428477'	0.43	1.07	3.33	0.17	0.5	3.33	1.3 No	0.17	Thermal Discharging
TWL066	638	'144738663_/_8035537'	1.2	3.2	10	0.52	0.9	3.33	1.3 No	0.52	Thermal Discharging
TWL066	639	'37906992_/_144738659'	1.2	3.2	10	0.52	0.9	10	3.91 No	0.52	Thermal Discharging
TWL066	640	'37906985_/_144738652'	1.2	3.2	10	0.52	0.9	3.33	1.3 No	0.52	Thermal Discharging
TWL066	641	'37907013_/_144738666'	1.2	3.2	10	0.52	0.9	3.33	1.3 No	0.52	Thermal Discharging
TWL066	642	'37906999_/_144738675'	1.2	3.2	10	0.52	0.9	3.33	1.3 No	0.52	Thermal Discharging
TWL066	643	'43708802_/_43708792'	0.4	1.07	3.33	0.17	0.5	10	3.91 No	0.17	Thermal Discharging
TWL066	644	'144739116_/_144738722'	1.2	3.2	10	0.52	0.9	3.33	1.3 No	0.52	Thermal Discharging
TWL066	645	'144739055_/_144739682'	1.2	3.2	10	0.52	0.9	3.33	1.3 No	0.52	Thermal Discharging
TWL066	646	'5430727_/_5430737'	0.43	1.07	3.33	0.14	1.1	3.33	1.3 No	0.14	Thermal Discharging
TWL066	647	'5419895_/_5419957'	0.5	1.07	3.33	0.04	1.1	3.33	1.3 No	0.04	Thermal Discharging
TWL066	648	'43708859_/_5428425'	0.53	1.07	3.33	0.17	0.5	3.33	1.3 No	0.17	Thermal Discharging
TWL066	649	'5430856_/_5431107'	0.43	1.07	3.33	0.14	1.1	3.33	1.3 No	0.14	Thermal Discharging
TWL066	650	'5419498_/_5419508'	0.4	1.07	3.33	0.48	0.5	3.33	1.3 No	0.4	Primary Over-Voltage
TWL066	651	'5417813_/_5417823'	0.53	1.07	3.33	0.17	0.5	3.33	1.3 No	0.17	Thermal Discharging
TWL066	652	'5428558_/_5428571'	0.43	1.07	3.33	0.17	1.1	3.33	1.3 No	0.17	Thermal Discharging
TWL066	653	'155784288_/_144739460'	1.2	3.2	10	0.52	0.9	3.33	1.3 No	0.52	Thermal Discharging
TWL066	654	'144739411_/_156325900'	1.2	3.1	10	0.52	0.9	3.33	1.3 No	0.52	Thermal Discharging
TWL066	655	'5430714_/_5430724'	0.43	1.03	3.33	0.14	1.1	3.33	1.3 No	0.14	Thermal Discharging
TWL066	656	'5428493_/_5428490'	0.43	1.03	3.33	0.17	0.5	3.33	1.3 No	0.17	Thermal Discharging
TWL066	657	'43711469_/_5419547'	0.37	1.03	3.33	0.48	0.5	3.33	1.3 No	0.37	Primary Over-Voltage
TWL066	658	'43709676_/_5417350'	0.43	1.03	3.33	0.14	1.1	3.33	1.3 No	0.14	Thermal Discharging
TWL066	659	'45268301_/_5420991'	0.37	1.03	3.33	0.48	0.5	3.33	1.3 No	0.37	Primary Over-Voltage
TWL066	660	'5430976_/_5430974_1'	0.43	1.03	3.33	0.14	0.3	3.33	1.3 No	0.14	Thermal Discharging
TWL066	661	'5431976_/_5431973'	0.43	1.03	3.33	0.14	1.1	3.33	1.3 No	0.14	Thermal Discharging
TWL066	662	'5428441_/_5428438'	0.43	1.03	3.33	0.17	0.5	3.33	1.3 No	0.17	Thermal Discharging
TWL066	663	'5417800_/_5417810'	0.5	1.03	3.33	0.17	0.5	10	3.91 No	0.17	Thermal Discharging
TWL066	664	'5428545_/_5428555'	0.43	1.03	3.33	0.17	1.1	3.33	1.3 No	0.17	Thermal Discharging
TWL066	665	'5416334_/_43708861'	0.5	1.03	3.33	0.17	0.5	3.33	1.3 No	0.17	Thermal Discharging
TWL066	666	'5419894_/_5419892'	0.5	1.03	3.33	0.04	1.1	3.33	1.3 No	0.04	Thermal Discharging
TWL066	667	'5417460_/_5430711'	0.43	1.03	3.33	0.14	1.1	3.33	1.3 No	0.14	Thermal Discharging
TWL066	668	'5430857_/_5430854'	0.43	1.03	3.33	0.14	1.1	3.33	1.3 No	0.14	Thermal Discharging
TWL066	669	'386251999_/_386252003_1'	0.43	1.03	3.33	0.14	0.8	10	3.91 No	0.14	Thermal Discharging
TWL066	670	'386252108_/_386252140'	0.43	1.03	3.33	0.14	0.8	3.33	1.3 No	0.14	Thermal Discharging
TWL066	671	'5402945_/_5428503'	0.43	1.03	3.33	0.17	0.5	10	3.91 No	0.17	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TWL066	672	'386252037_386252122'		0.43	1	3.33	0.14	0.8	3.33	1.3 No	0.14 Thermal Discharging
TWL066	673	'5417787_5417797'		0.5	1	3.33	0.17	0.5	3.33	1.3 No	0.17 Thermal Discharging
TWL066	674	'144739002_144739059'		1.1	3	10	0.52	0.9	10	3.91 No	0.52 Thermal Discharging
TWL066	675	'5428532_5428542'		0.4	1	3.33	0.17	1.1	3.33	1.3 No	0.17 Thermal Discharging
TWL066	676	'43708870_5416344'		0.5	1	3.33	0.17	0.5	3.33	1.3 No	0.17 Thermal Discharging
TWL066	677	'5419497_5419495'		0.37	1	3.33	0.48	0.5	3.33	1.3 No	0.37 Primary Over-Voltage
TWL066	678	'5430977_5430974_2'		0.43	1	3.33	0.14	0.3	3.33	1.3 No	0.14 Thermal Discharging
TWL066	679	'5417447_5417457'		0.43	1	3.33	0.14	1.1	10	3.91 No	0.14 Thermal Discharging
TWL066	680	'144738202_144738233'		1.1	3	10	0.52	0.9	3.33	1.3 No	0.52 Thermal Discharging
TWL066	681	'5430870_5430867'		0.4	1	3.33	0.14	1.1	3.33	1.3 No	0.14 Thermal Discharging
TWL066	682	'43708926_5402943'		0.4	1	3.33	0.17	0.5	3.33	1.3 No	0.17 Thermal Discharging
TWL066	683	'156325967_144738882_1'		0.9	2.5	10	0.52	0.9	3.33	1.3 No	0.52 Thermal Discharging
TWL066	684	'5418105_144738882_2'		0.9	2.5	10	0.52	0.9	3.33	1.3 No	0.52 Thermal Discharging
TWL066	685	'5417774_5417784'		0.47	1	3.33	0.17	0.5	3.33	1.3 No	0.17 Thermal Discharging
TWL066	686	'43708970_43708972'		0.4	1	3.33	0.17	1.1	3.33	1.3 No	0.17 Thermal Discharging
TWL066	687	'5428454_5428451'		0.4	0.97	3.33	0.17	0.5	3.33	1.3 No	0.17 Thermal Discharging
TWL066	688	'144738282_144738300'		1.1	2.9	10	0.52	0.9	3.33	1.3 No	0.52 Thermal Discharging
TWL066	689	'5416360_43708872'		0.47	0.97	3.33	0.17	0.5	3.33	1.3 No	0.17 Thermal Discharging
TWL066	690	'5419433_5419430'		0.37	0.97	3.33	0.48	0.5	3.33	1.3 No	0.37 Primary Over-Voltage
TWL066	691	'5417434_5417444'		0.4	0.97	3.33	0.14	1.1	3.33	1.3 No	0.14 Thermal Discharging
TWL066	692	'43708674_43708664'		0.4	0.97	3.33	0.17	0.5	3.33	1.3 No	0.17 Thermal Discharging
TWL066	693	'5402959_43708928'		0.4	0.97	3.33	0.17	0.5	3.33	1.3 No	0.17 Thermal Discharging
TWL066	694	'5428531_5428529'		0.4	0.97	3.33	0.17	1.1	3.33	1.3 No	0.17 Thermal Discharging
TWL066	695	'5430753_5430987'		0.4	0.97	3.33	0.14	0.3	3.33	1.3 No	0.14 Thermal Discharging
TWL066	696	'8955683_8955681'		0.4	0.97	3.33	0.14	0.8	6.67	2.61 No	0.14 Thermal Discharging
TWL066	697	'43708948_43708950'		0.4	0.97	3.33	0.17	0.5	3.33	1.3 No	0.17 Thermal Discharging
TWL066	698	'5402987_5402985'		0.4	0.97	3.33	0.17	0.5	3.33	1.3 No	0.17 Thermal Discharging
TWL066	699	'43711820_5432076'		0.4	0.97	3.33	0.14	1.1	3.33	1.3 No	0.14 Thermal Discharging
TWL066	700	'43709922_5417771'		0.47	0.97	3.33	0.17	0.5	3.33	1.3 No	0.17 Thermal Discharging
TWL066	701	'7398166_7398164_1'		0.4	0.97	3.33	0.17	0.3	3.33	1.3 No	0.17 Thermal Discharging
TWL066	702	'5416373_5416370'		0.47	0.97	3.33	0.17	0.5	3.33	1.3 No	0.17 Thermal Discharging
TWL066	703	'43709655_5417431'		0.4	0.93	3.33	0.14	1.1	3.33	1.3 No	0.14 Thermal Discharging
TWL066	704	'43710170_43710172'		0.33	0.93	3.33	0.48	0.5	3.33	1.3 No	0.33 Primary Over-Voltage
TWL066	705	'43708814_43708804'		0.37	0.93	3.33	0.17	0.5	3.33	1.3 No	0.17 Thermal Discharging
TWL066	706	'5431029_5431026'		0.4	0.93	3.33	0.14	0.3	3.33	1.3 No	0.14 Thermal Discharging
TWL066	707	'5428625_5428623'		0.4	0.93	3.33	0.17	0.5	3.33	1.3 No	0.17 Thermal Discharging
TWL066	708	'43708937_5402972'		0.4	0.93	3.33	0.17	0.5	3.33	1.3 No	0.17 Thermal Discharging
TWL066	709	'5402988_672607158'		0.4	0.93	3.33	0.17	0.5	3.33	1.3 No	0.17 Thermal Discharging
TWL066	710	'7500090_8135189'		0.43	0.93	3.33	0.17	0.37	6.67	2.61 No	0.17 Thermal Discharging
TWL066	711	'5430766_5430763'		0.4	0.93	3.33	0.14	0.3	3.33	1.3 No	0.14 Thermal Discharging
TWL066	712	'7500091_7500088'		0.37	0.93	3.33	0.17	0.37	3.33	1.3 No	0.17 Thermal Discharging
TWL066	713	'5432092_5432089'		0.4	0.93	3.33	0.14	1.1	3.33	1.3 No	0.14 Thermal Discharging
TWL066	714	'5430752_5430750'		0.4	0.93	3.33	0.14	0.3	3.33	1.3 No	0.14 Thermal Discharging
TWL066	715	'5418104_5418102'		0.9	2.5	10	0.52	0.9	3.33	1.3 No	0.52 Thermal Discharging
TWL066	716	'5403087_5416383'		0.47	0.93	3.33	0.17	0.5	3.33	1.3 No	0.17 Thermal Discharging
TWL066	717	'5419446_5419443'		0.33	0.93	3.33	0.48	0.5	3.33	1.3 No	0.33 Primary Over-Voltage
TWL066	718	'5417748_5417758'		0.43	0.93	3.33	0.17	0.5	3.33	1.3 No	0.17 Thermal Discharging
TWL066	719	'5417420_5417418'		0.4	0.93	3.33	0.14	1.1	3.33	1.3 No	0.14 Thermal Discharging
TWL066	720	'5430779_5430776'		0.4	0.9	3.33	0.14	0.3	3.33	1.3 No	0.14 Thermal Discharging
TWL066	721	'5402975_43708939'		0.37	0.9	3.33	0.17	0.5	3.33	1.3 No	0.17 Thermal Discharging
TWL066	722	'5418146_5418143'		0.6	1.67	6.67	0.35	0.6	3.33	1.3 No	0.35 Thermal Discharging
TWL066	723	'5430792_5431039'		0.4	0.9	3.33	0.14	0.3	3.33	1.3 No	0.14 Thermal Discharging
TWL066	724	'43708959_5402998'		0.37	0.9	3.33	0.17	0.5	3.33	1.3 No	0.17 Thermal Discharging
TWL066	725	'43709026_5403085'		0.43	0.9	3.33	0.17	0.5	3.33	1.3 No	0.17 Thermal Discharging
TWL066	726	'5431071_5431068'		0.37	0.9	3.33	0.14	0.3	3.33	1.3 No	0.14 Thermal Discharging
TWL066	727	'5432105_5432102'		0.37	0.9	3.33	0.14	1.1	3.33	1.3 No	0.14 Thermal Discharging
TWL066	728	'5432355_5432353'		0.37	0.9	3.33	0.14	0.3	3.33	1.3 No	0.14 Thermal Discharging
TWL066	729	'7398167_7398164_2'		0.37	0.9	3.33	0.17	0.3	3.33	1.3 No	0.17 Thermal Discharging
TWL066	730	'5417747_5417745'		0.43	0.9	3.33	0.17	0.5	6.67	2.61 No	0.17 Thermal Discharging
TWL066	731	'5417502_5430789'		0.37	0.9	3.33	0.14	0.3	3.33	1.3 No	0.14 Thermal Discharging
TWL066	732	'5427067_5427205'		0.37	0.9	3.33	0.14	1.1	3.33	1.3 No	0.14 Thermal Discharging
TWL066	733	'8341118_9604827'		0.37	0.9	3.33	0.14	0.8	3.33	1.3 No	0.14 Thermal Discharging
TWL066	734	'5403014_5403011'		0.37	0.9	3.33	0.17	0.5	3.33	1.3 No	0.17 Thermal Discharging
TWL066	735	'5431083_5431081'		0.37	0.9	3.33	0.14	0.3	3.33	1.3 No	0.14 Thermal Discharging
TWL066	736	'8034405_8975663'		0.37	0.9	3.33	0.17	0.3	3.33	1.3 No	0.17 Thermal Discharging
TWL066	737	'5430912_5431055'		0.37	0.87	3.33	0.14	0.3	3.33	1.3 No	0.14 Thermal Discharging
TWL066	738	'5430805_5430802'		0.37	0.87	3.33	0.14	0.3	3.33	1.3 No	0.14 Thermal Discharging
TWL066	739	'5403104_43709028'		0.43	0.87	3.33	0.17	0.5	3.33	1.3 No	0.17 Thermal Discharging
TWL066	740	'155784253_156325920'		0.4	0.87	3.33	0.17	0.3	3.33	1.3 No	0.17 Thermal Discharging
TWL066	741	'43709966_5418158'		0.6	1.67	6.67	0.35	0.6	3.33	1.3 No	0.35 Thermal Discharging
TWL066	742	'43708686_43708676'		0.37	0.87	3.33	0.17	0.5	3.33	1.3 No	0.17 Thermal Discharging
TWL066	743	'5403027_5403024'		0.37	0.87	3.33	0.17	0.5	3.33	1.3 No	0.17 Thermal Discharging
TWL066	744	'5427110_5427120'		0.37	0.87	3.33	0.14	1.1	3.33	1.3 No	0.14 Thermal Discharging
TWL066	745	'45169168_5419482'		0.3	0.87	3.33	0.48	0.5	3.33	1.3 No	0.3 Primary Over-Voltage
TWL066	746	'5427068_5427065'		0.37	0.87	3.33	0.14	1.1	3.33	1.3 No	0.14 Thermal Discharging
TWL066	747	'5430896_5430909'		0.37	0.87	3.33	0.14	0.3	3.33	1.3 No	0.14 Thermal Discharging
TWL066	748	'43880579_7091010'		0.43	0.87	3.33	0.17	0.5	6.67	2.61 No	0.17 Thermal Discharging
TWL066	749	'43709666_5417499'		0.37	0.87	3.33	0.14	0.3	3.33	1.3 No	0.14 Thermal Discharging
TWL066	750	'5419459_5419456'		0.3	0.87	3.33	0.48	0.5	3.33	1.3 No	0.3 Primary Over-Voltage
TWL066	751	'5430925_5430922'		0.37	0.87	3.33	0.14	0.3	3.33	1.3 No	0.14 Thermal Discharging
TWL066	752	'5430883_5430880'		0.37	0.87	3.33	0.14	0.3	3.33	1.3 No	0.14 Thermal Discharging
TWL066	753	'5416062_5416059'		0.33	0.87	3.33	0.17	0.5	3.33	1.3 No	0.17 Thermal Discharging
TWL066	754	'5427109_5427107'		0.37	0.87	3.33	0.14	1.1	3.33	1.3 No	0.14 Thermal Discharging
TWL066	755	'8035760_9604811_1'		0.37	0.83	3.33	0.14	0.2	3.33	1.3 No	0.14 Thermal Discharging
TWL066	756	'5427081_5427078'		0.37	0.83	3.33	0.14	1.1	3.33	1.3 No	0.14 Thermal Discharging
TWL066	757	'5430937_5430935'		0.37	0.83	3.33	0.14	0.3	3.33	1.3 No	0.14 Thermal Discharging
TWL066	758	'43708826_43708816'		0.33	0.83	3.33	0.17	0.5	3.33	1.3 No	0.17 Thermal Discharging
TWL066	759	'6262757_43880581'		0.4	0.83	3.33	0.17	0.5	3.33	1.3 No	0.17 Thermal Discharging
TWL066	760	'5418322_5430893'		0.37	0.83	3.33	0.14	0.3	3.33	1.3 No	0.14 Thermal Discharging
TWL066	761	'5418176_43709968'		0.6	1.67	6.67	0.35	0.6	3.33	1.3 No	0.35 Thermal Discharging
TWL066	762	'9290163_9604811_2'		0.37	0.83	3.33	0.14	0.2	3.33	1.3 No	0.14 Thermal Discharging
TWL066	763	'5416078_5416075'		0.33	0.83	3.33	0.17	0.5	3.33	1.3 No	0.17 Thermal Discharging
TWL066	764	'9288949_144738999'		0.3	0.83	3.33	0.17	0.3	6.67	2.61 No	0.17 Thermal Discharging
TWL066	765	'5417473_5417486'		0.37	0.83	3.33	0.14	0.3	3.33	1.3 No	0.14 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TWL066	766	'144738878_/144739199'	0.3	0.83	3.33	0.17	0.3	3.33	1.3 No	0.17	Thermal Discharging
TWL066	767	'5427097_/5427094'	0.33	0.83	3.33	0.14	1.1	3.33	1.3 No	0.14	Thermal Discharging
TWL066	768	'6272337_/6272334'	0.4	0.83	3.33	0.17	0.5	3.33	1.3 No	0.17	Thermal Discharging
TWL066	769	'7177892_/7177889'	0.33	0.83	3.33	0.17	0.5	3.33	1.3 No	0.17	Thermal Discharging
TWL066	770	'43709004_/43708828'	0.3	0.83	3.33	0.17	0.5	3.33	1.3 No	0.17	Thermal Discharging
TWL066	771	'43711787_/5431912'	0.33	0.83	3.33	0.14	0.3	3.33	1.3 No	0.14	Thermal Discharging
TWL066	772	'9290164_/9290161'	0.33	0.83	3.33	0.14	0.2	3.33	1.3 No	0.14	Thermal Discharging
TWL066	773	'43711458_/5419469'	0.3	0.83	3.33	0.48	0.5	3.33	1.3 No	0.3	Primary Over-Voltage
TWL066	774	'5418309_/5418319'	0.33	0.8	3.33	0.14	0.3	6.67	2.61 No	0.14	Thermal Discharging
TWL066	775	'5418191_/5418188'	0.6	1.6	6.67	0.35	0.6	3.33	1.3 No	0.35	Thermal Discharging
TWL066	776	'6272350_/6272347'	0.4	0.8	3.33	0.17	0.5	3.33	1.3 No	0.17	Thermal Discharging
TWL066	777	'434770673_/8034403'	0.33	0.8	3.33	0.17	0.3	3.33	1.3 No	0.17	Thermal Discharging
TWL066	778	'5433858_/5433855'	0.33	0.8	3.33	0.14	1.1	6.67	2.61 No	0.14	Thermal Discharging
TWL066	779	'5417472_/5417470'	0.33	0.8	3.33	0.14	0.3	3.33	1.3 No	0.14	Thermal Discharging
TWL066	780	'8034406_/434770693'	0.33	0.8	3.33	0.17	0.3	6.67	2.61 No	0.17	Thermal Discharging
TWL066	781	'43709015_/43709006'	0.3	0.8	3.33	0.17	0.5	3.33	1.3 No	0.17	Thermal Discharging
TWL066	782	'6272363_/6272360'	0.4	0.8	3.33	0.17	0.5	6.67	2.61 No	0.17	Thermal Discharging
TWL066	783	'5419472_/43711460'	0.3	0.8	3.33	0.48	0.5	6.67	2.61 No	0.3	Primary Over-Voltage
TWL066	784	'5418308_/5418306'	0.33	0.8	3.33	0.14	0.3	3.33	1.3 No	0.14	Thermal Discharging
TWL066	785	'8341117_/8341115'	0.33	0.8	3.33	0.14	0.8	3.33	1.3 No	0.14	Thermal Discharging
TWL066	786	'5431928_/5431925'	0.33	0.8	3.33	0.14	0.3	3.33	1.3 No	0.14	Thermal Discharging
TWL066	787	'5418206_/5418203'	0.6	1.6	6.67	0.35	0.6	3.33	1.3 No	0.35	Thermal Discharging
TWL066	788	'5403072_/43709017'	0.3	0.8	3.33	0.17	0.5	3.33	1.3 No	0.17	Thermal Discharging
TWL066	789	'5431992_/5431989'	0.33	0.8	3.33	0.14	0.3	3.33	1.3 No	0.14	Thermal Discharging
TWL066	790	'8411821_/489381177'	0.33	0.77	3.33	0.17	0.3	3.33	1.3 No	0.17	Thermal Discharging
TWL066	791	'6262675_/7090997'	0.3	0.77	3.33	0.17	0.5	3.33	1.3 No	0.17	Thermal Discharging
TWL066	792	'5418273_/5418288'	0.6	1.53	6.67	0.35	0.6	3.33	1.3 No	0.35	Thermal Discharging
TWL066	793	'43880535_/6262673'	0.3	0.77	3.33	0.17	0.5	3.33	1.3 No	0.17	Thermal Discharging
TWL066	794	'43711446_/5418270'	0.53	1.53	6.67	0.35	0.6	3.28	1.3 No	0.35	Thermal Discharging
TWL066	795	'5418221_/5418252'	0.53	1.47	6.67	0.35	0.6	3.11	1.3 No	0.35	Thermal Discharging
TWL066	796	'6272279_/43880537'	0.27	0.73	3.33	0.17	0.5	3.1	1.3 No	0.17	Thermal Discharging
TWL066	797	'5418233_/5418231'	0.53	1.47	6.67	0.35	0.6	3.22	1.3 No	0.35	Thermal Discharging
TWL066	798	'6272295_/6272292'	0.27	0.73	3.33	0.17	0.5	3.06	1.3 No	0.17	Thermal Discharging
TWL066	799	'7399329_/9290177'	0.3	0.7	3.33	0.14	0.8	3.16	1.3 No	0.14	Thermal Discharging
TWL066	800	'7399328_/7399326'	0.3	0.7	3.33	0.14	0.8	3.11	1.3 No	0.14	Thermal Discharging
TWL066	801	'38791605_/49198836_2'	0.3	0.7	3.33	0.14	0.8	2.98	1.3 No	0.14	Thermal Discharging
TWL066	802	'49198839_/49198836_1'	0.3	0.67	3.33	0.14	0.1	2.91	1.3 No	0.1	Element Fault
TWL066	803	'43711765_/5432128'	0.27	0.67	3.33	0.14	0.1		No	0.1	Element Fault
TWL066	804	'5431515_/5432115'	0.27	0.63	3.33	0.14	0.1		No	0.1	Element Fault
TWL066	805	'43709955_/43709957'	0.27	0.63	3.33	0.17	0.3		No	0.17	Thermal Discharging
TWL066	806	'5418133_/5418130_2'	0.27	0.63	3.33	0.17	0.3		No	0.17	Thermal Discharging
TWL066	807	'5431499_/5431512'	0.27	0.63	3.33	0.14	0.1		No	0.1	Element Fault
TWL066	808	'5418119_/5418130_1'	0.27	0.6	3.33	0.17	0.2		No	0.17	Thermal Discharging
TWL066	809	'5431486_/5431496'	0.27	0.6	3.33	0.14	0.1		No	0.1	Element Fault
TWL066	810	'5431485_/5431483'	0.27	0.6	3.33	0.14	0.1		No	0.1	Element Fault
TWL066	811	'5418120_/5418117'	0.23	0.6	3.33	0.17	0.2		No	0.17	Thermal Discharging
TWL066	812	'43709990_/5418374'	0.23	0.57	3.33	0.17	0.2		No	0.17	Thermal Discharging
TWL066	813	'5418348_/5418361'	0.23	0.57	3.33	0.17	0.2	2.84	1.3 No	0.17	Thermal Discharging
TWL066	814	'5418347_/5418345'	0.23	0.57	3.33	0.17	0.2	2.81	1.3 No	0.17	Thermal Discharging
TWL066	815	'43710001_/5430961'	0.23	0.53	3.33	0.17	0.2	2.79	1.3 No	0.17	Thermal Discharging
TWL066	816	'5418393_/5418390'	0.23	0.53	3.33	0.17	0.2	2.78	1.3 No	0.17	Thermal Discharging
TWL066	817	'5418335_/5430948'	0.23	0.53	3.33	0.17	0.2	2.73	1.3 No	0.17	Thermal Discharging
TWL066	818	'5418334_/5418332'	0.23	0.53	3.33	0.17	0.2	2.69	1.3 No	0.17	Thermal Discharging
TWL066	819	'43710012_/43710014'	0.2	0.5	3.33	0.17	0.2	2.64	1.3 No	0.17	Thermal Discharging
TWL066	820	'5418418_/7398196_2'	0.2	0.5	3.33	0.17	0.2	2.63	1.3 No	0.17	Thermal Discharging
TWL066	821	'7398199_/7398196_1'	0.2	0.5	3.33	0.17	0.1	2.62	1.3 No	0.1	Element Fault
TWL066	822	'438546712_/438546731'	0.2	0.5	3.33	0.17	0.1	2.62	1.3 No	0.1	Element Fault
TWL067	0	'TWL067_/7730375'	10	10	10	1.35	10	10	5.82 No	1.35	Thermal Discharging
TWL067	1	'7415994_/7730375'	10	10	10	1.35	10	10	3.33 No	1.35	Thermal Discharging
TWL067	2	'7415993_/7415991'	10	10	10	1.35	10	10	3.33 No	1.35	Thermal Discharging
TWL067	3	'8053549_/8053587'	10	10	10	1.35	10	10	3.33 No	1.35	Thermal Discharging
TWL067	4	'8053550_/8053547'	10	10	10	1.35	10	10	3.33 No	1.35	Thermal Discharging
TWL067	5	'8678764_/9622633'	10	10	10	1.35	10	10	3.33 No	1.35	Thermal Discharging
TWL067	6	'8053951_/8678762'	10	10	10	1.35	10	10	3.33 No	1.35	Thermal Discharging
TWL067	7	'7788837_/8053949'	10	10	10	1.35	10	10	3.33 No	1.35	Thermal Discharging
TWL067	8	'7788838_/7788835'	6.9	10	10	1.35	10	10	3.33 No	1.35	Thermal Discharging
TWL067	9	'8035836_/8035833'	6.4	10	10	1.35	10	10	3.33 No	1.35	Thermal Discharging
TWL067	10	'7755319_/9682968'	5.9	10	10	1.35	10	10	3.33 No	1.35	Thermal Discharging
TWL067	11	'7755320_/7755317'	5.5	10	10	1.35	10	10	3.33 No	1.35	Thermal Discharging
TWL067	12	'7442068_/8076347'	5.2	10	10	1.35	10	10	3.33 No	1.35	Thermal Discharging
TWL067	13	'7442069_/7442066'	4.9	10	10	1.35	10	10	3.33 No	1.35	Thermal Discharging
TWL067	14	'8701773_/8701770'	4.7	10	10	1.35	10	10	3.33 No	1.35	Thermal Discharging
TWL067	15	'8701732_/9335236'	4.7	10	10	1.35	10	10	3.33 No	1.35	Thermal Discharging
TWL067	16	'8701733_/450432390'	4.7	10	10	1.35	10	10	3.33 No	1.35	Thermal Discharging
TWL067	17	'8701752_/450432411'	4.7	10	10	1.35	5.1	10	3.33 No	1.35	Thermal Discharging
TWL067	18	'8391012_/450432436'	4.7	10	10	1.35	5.1	10	3.33 No	1.35	Thermal Discharging
TWL067	19	'7755477_/450432455'	4.5	10	10	1.35	5.1	10	3.33 No	1.35	Thermal Discharging
TWL067	20	'7755478_/450432653'	4.5	10	10	1.35	5.1	10	3.33 No	1.35	Thermal Discharging
TWL067	21	'37963929_/8701634'	4.5	10	10	1.35	5.1	10	3.33 No	1.35	Thermal Discharging
TWL067	22	'405087878_/37963926'	4.5	10	10	1.35	5.1	10	3.33 No	1.35	Thermal Discharging
TWL067	23	'37963957_/37963954'	4.5	10	10	1.35	5.1	10	3.33 No	1.35	Thermal Discharging
TWL067	24	'37963908_/37963912'	4.4	10	10	1.35	5.1	10	3.33 No	1.35	Thermal Discharging
TWL067	25	'37963943_/37963940'	4.4	10	10	1.35	5.1	10	3.33 No	1.35	Thermal Discharging
TWL067	26	'37963866_/9021617'	4.4	10	10	1.35	5.1	10	3.33 No	1.35	Thermal Discharging
TWL067	27	'37963873_/37963870'	4.4	10	10	1.35	5.1	10	3.33 No	1.35	Thermal Discharging
TWL067	28	'405087749_/405087746'	4.4	10	10	1.35	5.1	10	3.33 No	1.35	Thermal Discharging
TWL067	29	'37963894_/37963898'	4.5	10	10	1.35	5.1	10	3.33 No	1.35	Thermal Discharging
TWL067	30	'37963880_/37963877'	4.5	10	10	1.35	5.1	10	3.33 No	1.35	Thermal Discharging
TWL067	31	'69611257_/9335008'	4.4	10	10	1.35	10	10	3.33 No	1.35	Thermal Discharging
TWL067	32	'37963978_/69611261'	4.4	10	10	1.35	10	10	3.33 No	1.35	Thermal Discharging
TWL067	33	'73607670_/69611243'	4.4	10	10	1.35	10	10	3.33 No	1.35	Thermal Discharging
TWL067	34	'37963985_/69611268'	4.3	10	10	1.35	10	10	3.33 No	1.35	Thermal Discharging
TWL067	35	'73606309_/69611229'	4.3	10	10	1.35	5.1	10	3.33 No	1.35	Thermal Discharging
TWL067	36	'7755360_/8701594'	4.3	10	10	1.35	5.1	10	3.33 No	1.35	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TWL067	37	'7755359_/_7755357'		4.2	10	10	1.35	5.1	10	3.33 No	1.35 Thermal Discharging
TWL067	38	'8076369_/_9647979'		4.2	10	10	1.35	10	10	3.33 No	1.35 Thermal Discharging
TWL067	39	'7442189_/_7442186'		4.2	10	10	1.35	5.1	10	3.33 No	1.35 Thermal Discharging
TWL067	40	'8076370_/_8076367'		4.2	10	10	1.35	10	10	3.33 No	1.35 Thermal Discharging
TWL067	41	'9021639_/_9647999'		4.2	10	10	1.35	10	10	3.33 No	1.35 Thermal Discharging
TWL067	42	'8391033_/_9021637'		4.1	10	10	1.35	10	10	3.33 No	1.35 Thermal Discharging
TWL067	43	'8701656_/_9335048'		4	10	10	1.35	5.1	10	3.33 No	1.35 Thermal Discharging
TWL067	44	'8390952_/_8701654'		4.1	10	10	1.35	10	10	3.33 No	1.35 Thermal Discharging
TWL067	45	'7755379_/_8390950'		4	10	10	1.35	10	10	3.33 No	1.35 Thermal Discharging
TWL067	46	'7755380_/_7755377'		3.8	10	10	1.35	1.3	10	3.33 No	1.3 Element Fault
TWL067	47	'8391032_/_8391030'		3.8	10	10	1.35	1.3	10	3.33 No	1.3 Element Fault
TWL067	48	'9335071_/_9335068'		3.8	10	10	1.35	1.3	10	3.33 No	1.3 Element Fault
TWL067	49	'8076390_/_9335088'		3.8	10	10	1.35	1.3	10	3.33 No	1.3 Element Fault
TWL067	50	'7442208_/_8076387'		3.8	10	10	1.35	1.3	10	3.33 No	1.3 Element Fault
TWL067	51	'405276110_/_9648019'		3.9	10	10	1.35	10	10	3.33 No	1.35 Thermal Discharging
TWL067	52	'405276109_/_405276107'		3.7	10	10	1.35	5.1	10	3.33 No	1.35 Thermal Discharging
TWL067	53	'70585849_/_37964059'		3.7	10	10	1.35	5.1	10	3.33 No	1.35 Thermal Discharging
TWL067	54	'405276120_/_405276117'		3.7	10	10	1.35	5.1	10	3.33 No	1.35 Thermal Discharging
TWL067	55	'405276127_/_405276124'		3.7	10	10	1.35	5.1	10	3.33 No	1.35 Thermal Discharging
TWL067	56	'8076426_/_9335198'		3.7	10	10	1.35	5.1	10	3.33 No	1.35 Thermal Discharging
TWL067	57	'8076425_/_8076423'		3.9	10	10	1.35	10	10	3.33 No	1.35 Thermal Discharging
TWL067	58	'7442108_/_7442206'		3.8	10	10	1.35	10	10	3.33 No	1.35 Thermal Discharging
TWL067	59	'7442109_/_7442106'		3.7	10	10	1.35	10	10	3.33 No	1.35 Thermal Discharging
TWL067	60	'8701537_/_8701534'		3.7	10	10	1.35	10	10	3.33 No	1.35 Thermal Discharging
TWL067	61	'37964041_/_8701690'		3.6	10	10	1.35	5.1	10	3.33 No	1.35 Thermal Discharging
TWL067	62	'37964020_/_37964045'		3.5	10	10	1.35	1.3	10	3.33 No	1.3 Element Fault
TWL067	63	'405087938_/_405087935'		3.6	10	10	1.35	10	10	3.33 No	1.35 Thermal Discharging
TWL067	64	'37964027_/_37964024'		3.5	10	10	1.35	1.2	10	3.33 No	1.2 Element Fault
TWL067	65	'37964013_/_37964017'		3.5	10	10	1.35	1.2	10	3.33 No	1.2 Element Fault
TWL067	66	'7755418_/_76603420'		3.6	10	10	1.35	10	10	3.33 No	1.35 Thermal Discharging
TWL067	67	'8701556_/_9334948'		3.5	10	10	1.35	1.2	10	3.33 No	1.2 Element Fault
TWL067	68	'8390912_/_8701554'		3.5	10	10	1.35	5.1	10	3.33 No	1.35 Thermal Discharging
TWL067	69	'9021748_/_9335328'		3.4	10	10	1.35	1.2	10	3.33 No	1.2 Element Fault
TWL067	70	'8390913_/_8390910'		3.3	10	10	1.35	1.2	10	3.33 No	1.2 Element Fault
TWL067	71	'8701577_/_8701574'		3.5	9.9	10	1.35	10	10	3.33 No	1.35 Thermal Discharging
TWL067	72	'7755545_/_9335344'		3.3	9.9	10	1.35	1.2	10	3.33 No	1.2 Element Fault
TWL067	73	'7755417_/_7755415'		3.4	9.8	10	1.35	10	10	3.33 No	1.35 Thermal Discharging
TWL067	74	'6288255_/_9335028'		3.3	9.8	10	1.35	1.2	10	3.33 No	1.2 Element Fault
TWL067	75	'43886207_/_43886209'		3.2	9.7	10	1.35	1.2	10	3.33 No	1.2 Element Fault
TWL067	76	'6288838_/_7755543_1'		3.2	9.6	10	1.35	1.2	10	3.33 No	1.2 Element Fault
TWL067	77	'7442128_/_9334968'		3.3	9.5	10	1.35	10	9.95	3.33 No	1.35 Thermal Discharging
TWL067	78	'43886374_/_7755543_2'		3.3	9.5	10	1.35	10	9.95	3.33 No	1.35 Thermal Discharging
TWL067	79	'7442129_/_7442126'		3.3	9.5	10	1.35	10	9.95	3.33 No	1.35 Thermal Discharging
TWL067	80	'43886193_/_43886195'		3.3	9.5	10	1.35	10	9.95	3.33 No	1.35 Thermal Discharging
TWL067	81	'7442229_/_7442226'		3.3	9.5	10	1.35	1.5	9.95	3.33 No	1.35 Thermal Discharging
TWL067	82	'5423783_/_7090849'		3.3	9.5	10	1.35	10	9.94	3.33 No	1.35 Thermal Discharging
TWL067	83	'43708508_/_43708510'		3.3	9.5	10	1.35	10	9.94	3.33 No	1.35 Thermal Discharging
TWL067	84	'7755339_/_9334988'		3.3	9.5	10	1.35	10	9.94	3.33 No	1.35 Thermal Discharging
TWL067	85	'7755340_/_7755337'		3.3	9.5	10	1.35	10	9.94	3.33 No	1.35 Thermal Discharging
TWL067	86	'5423746_/_5423763'		3.3	9.5	10	1.35	1.5	9.94	3.33 No	1.35 Thermal Discharging
TWL067	87	'5415559_/_5423743'		3.3	9.5	10	1.35	1.5	9.92	3.33 No	1.35 Thermal Discharging
TWL067	88	'5415591_/_5415589'		3.3	9.5	10	1.35	1.5	9.92	3.33 No	1.35 Thermal Discharging
TWL067	89	'7442148_/_8390930'		1.1	3.17	3.33	0.45	0.5	3.31	1.11 No	0.45 Thermal Discharging
TWL067	90	'5415575_/_5425700'		3.3	9.5	10	1.35	1.5	9.92	3.33 No	1.35 Thermal Discharging
TWL067	91	'7442149_/_7442146'		3.3	9.5	10	1.35	1.5	9.92	3.33 No	1.35 Thermal Discharging
TWL067	92	'5403874_/_5415572'		3.2	9.4	10	1.35	1.2	9.97	3.33 No	1.2 Element Fault
TWL067	93	'5403854_/_5403851_2'		3.1	9.4	10	1.35	1.2	9.91	3.33 No	1.2 Element Fault
TWL067	94	'5415558_/_5415556_2'		3.1	9.4	10	1.35	1.2	9.89	3.33 No	1.2 Element Fault
TWL067	95	'43886385_/_43886387'		2.13	6.2	6.67	0.9	2.9	6.62	2.22 No	0.9 Thermal Discharging
TWL067	96	'5403853_/_5403851_1'		1.07	3.1	3.33	0.45	0.4	3.31	1.11 No	0.4 Element Fault
TWL067	97	'43708497_/_5415556_1'		3.3	9.3	10	1.35	10	9.82	3.33 No	1.35 Thermal Discharging
TWL067	98	'425635032_/_9390068'		1.1	3.1	3.33	0.45	0.5	3.27	1.11 No	0.45 Thermal Discharging
TWL067	99	'425635012_/_38024341'		3.3	9.2	10	1.35	10	9.79	3.33 No	1.35 Thermal Discharging
TWL067	100	'425635017_/_38024320'		3.3	9.2	10	1.35	10	9.78	3.33 No	1.35 Thermal Discharging
TWL067	101	'425635011_/_38013222'		3.1	9.2	10	1.35	5.1	9.98	3.33 No	1.35 Thermal Discharging
TWL067	102	'425635026_/_38024327'		2.6	7.3	10	1.35	5.1	9.96	3.33 No	1.35 Thermal Discharging
TWL067	103	'425635328_/_7495488'		3.1	9.2	10	1.35	0.9	9.75	3.33 No	0.9 Element Fault
TWL067	104	'425635317_/_38033350'		3.1	9.2	10	1.35	5.1	9.96	3.33 No	1.35 Thermal Discharging
TWL067	105	'425635322_/_38033336'		1.07	3.07	3.33	0.45	0.3	3.28	1.11 No	0.3 Element Fault
TWL067	106	'425635316_/_38013187'		3.2	9.1	10	1.35	10	9.72	3.33 No	1.35 Thermal Discharging
TWL067	107	'425635334_/_38033364'		3.2	9.1	10	1.35	10	9.66	3.33 No	1.35 Thermal Discharging
TWL067	108	'425635606_/_7495508'		3	9	10	1.35	0.9	9.61	3.33 No	0.9 Element Fault
TWL067	109	'425635510_/_404547068'		3.2	8.9	10	1.35	10	9.56	3.33 No	1.35 Thermal Discharging
TWL067	110	'425635517_/_38033392'		3.1	8.8	10	1.35	10	9.47	3.33 No	1.35 Thermal Discharging
TWL067	111	'425635523_/_38033413'		2.9	8.8	10	1.35	1.2	9.59	3.33 No	1.2 Element Fault
TWL067	112	'425635620_/_38033385'		3.1	8.8	10	1.35	10	9.49	3.33 No	1.35 Thermal Discharging
TWL067	113	'9074328_/_9074325'		3.1	8.7	10	1.35	10	9.37	3.33 No	1.35 Thermal Discharging
TWL067	114	'9335145_/_9335178'		3.1	8.7	10	1.35	1.6	9.35	3.33 No	1.35 Thermal Discharging
TWL067	115	'5403890_/_5403888'		3.1	8.6	10	1.35	10	9.34	3.33 No	1.35 Thermal Discharging
TWL067	116	'9390099_/_9390096'		3.1	8.6	10	1.35	10	9.33	3.33 No	1.35 Thermal Discharging
TWL067	117	'7807419_/_7807417'		1.03	2.87	3.33	0.45	0.4	3.21	1.11 No	0.4 Element Fault
TWL067	118	'8439216_/_8439213'		3	8.6	10	1.35	10	9.28	3.33 No	1.35 Thermal Discharging
TWL067	119	'7502243_/_8763502_2'		2.6	7.3	10	1.35	5.1	9.57	3.33 No	1.35 Thermal Discharging
TWL067	120	'54924903_/_8763502_1'		1.03	2.83	3.33	0.45	0.4	3.18	1.11 No	0.4 Element Fault
TWL067	121	'5425723_/_5425720'		2.9	8.4	10	1.35	10	9.25	3.33 No	1.35 Thermal Discharging
TWL067	122	'54924899_/_7180110'		1.03	2.8	3.33	0.45	0.4	3.16	1.11 No	0.4 Element Fault
TWL067	123	'54924920_/_54924777'		1.03	2.8	3.33	0.45	0.4	3.15	1.11 No	0.4 Element Fault
TWL067	124	'54924927_/_54924746'		3	8.3	10	1.35	10	9.05	3.33 No	1.35 Thermal Discharging
TWL067	125	'6288821_/_6288819'		1.07	2.77	3.33	0.45	0.3	3.1	1.11 No	0.3 Element Fault
TWL067	126	'533295432_/_8125046_2'		2.8	8.2	10	1.35	5.1	9.37	3.33 No	1.35 Thermal Discharging
TWL067	127	'54924849_/_54924800'		0.93	2.7	3.33	0.45	1.4	3.18	1.11 No	0.45 Thermal Discharging
TWL067	128	'393788168_/_8125046_1'		0.93	2.7	3.33	0.45	1.4	3.18	1.11 No	0.45 Thermal Discharging
TWL067	129	'8758832_/_9392780'		2.9	8	10	1.35	10	8.84	3.33 No	1.35 Thermal Discharging
TWL067	130	'7498579_/_9702092'		0.93	2.67	3.33	0.45	1.4	3.16	1.11 No	0.45 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TWL067	131	'54924860_/_54924825'		2.7	8	10	1.35	1.2	9.11	3.33 No	1.2 Element Fault
TWL067	132	'7510134_/_7510132_1'		2.9	8	10	1.35	10	8.81	3.33 No	1.35 Thermal Discharging
TWL067	133	'54924863_/_54924650'		2.9	8	10	1.35	10	8.8	3.33 No	1.35 Thermal Discharging
TWL067	134	'114818438_/_9714702_3'		2.9	8	10	1.35	10	8.78	3.33 No	1.35 Thermal Discharging
TWL067	135	'5432199_/_5432209'		0.93	2.67	3.33	0.45	0.5	3.14	1.11 No	0.45 Thermal Discharging
TWL067	136	'533295403_/_533295429'		2.9	8	10	1.35	1.9	8.78	3.33 No	1.35 Thermal Discharging
TWL067	137	'9335161_/_9648093'		2.6	7.9	10	1.35	0.9	9.06	3.33 No	0.9 Element Fault
TWL067	138	'393788277_/_7442086_2'		0.9	2.63	3.33	0.45	0.4	3.02	1.11 No	0.4 Element Fault
TWL067	139	'43886518_/_7167661'		2.8	7.9	10	1.35	1.6	8.91	3.33 No	1.35 Thermal Discharging
TWL067	140	'7755514_/_7755527'		2.6	7.3	10	1.35	5.1	9.14	3.33 No	1.35 Thermal Discharging
TWL067	141	'393788053_/_7442086_1'		1.87	5.27	6.67	0.9	1.07	5.91	2.22 No	0.9 Thermal Discharging
TWL067	142	'8133283_/_8758830'		1.87	5.2	6.67	0.9	0.7	6.02	2.22 No	0.7 Element Fault
TWL067	143	'5433841_/_5433838'		1.67	4.8	6.67	0.9	1.07	5.8	2.22 No	0.9 Thermal Discharging
TWL067	144	'43886534_/_43886520'		0.97	2.53	3.33	0.45	0.4	2.99	1.11 No	0.4 Element Fault
TWL067	145	'5414746_/_7090823'		0.87	2.53	3.33	0.45	0.5	3.04	1.11 No	0.45 Thermal Discharging
TWL067	146	'393788407_/_9702128'		0.87	2.53	3.33	0.45	0.5	3.04	1.11 No	0.45 Thermal Discharging
TWL067	147	'7399420_/_7399418_1'		1	2.53	3.33	0.45	0.3	2.94	1.11 No	0.3 Element Fault
TWL067	148	'6288197_/_393788431'		0.9	2.5	3.33	0.45	0.3	2.93	1.11 No	0.3 Element Fault
TWL067	149	'7129025_/_43708561_3'		0.9	2.5	3.33	0.45	0.3	2.92	1.11 No	0.3 Element Fault
TWL067	150	'393788388_/_393788422'		0.9	2.5	3.33	0.45	1.7	3.05	1.11 No	0.45 Thermal Discharging
TWL067	151	'453418338_/_6288194_3'		0.87	2.47	3.33	0.45	1.6	3.02	1.11 No	0.45 Thermal Discharging
TWL067	152	'8701792_/_9335312'		0.87	2.47	3.33	0.45	0.2	3.02	1.11 No	0.2 Element Fault
TWL067	153	'393787880_/_7498576'		2.5	7.3	10	1.35	1.1	8.79	3.33 No	1.1 Element Fault
TWL067	154	'453418362_/_6288194_2'		0.9	2.47	3.33	0.45	0.3	2.88	1.11 No	0.3 Element Fault
TWL067	155	'6288210_/_6288207'		1.67	4.87	6.67	0.9	3.4	5.83	2.22 No	0.9 Thermal Discharging
TWL067	156	'393788115_/_393788478'		0.9	2.47	3.33	0.45	0.2	2.87	1.11 No	0.2 Element Fault
TWL067	157	'43886550_/_43886538'		1.17	3.33	3.33	0.45	1.7	2.99	1.11 No	0.45 Thermal Discharging
TWL067	158	'49206611_/_8701790'		0.83	2.4	3.33	0.45	0.4	2.95	1.11 No	0.4 Element Fault
TWL067	159	'117641158_/_43886552'		0.9	2.4	3.33	0.45	0.4	2.87	1.11 No	0.4 Element Fault
TWL067	160	'117641146_/_117641162'		2.5	7.2	10	1.35	1.6	8.4	3.33 No	1.35 Thermal Discharging
TWL067	161	'6288769_/_49206608_1'		2.6	7.1	10	1.35	1.9	8.25	3.33 No	1.35 Thermal Discharging
TWL067	162	'7496470_/_7510132_2'		2.4	7.1	10	1.35	0.9	8.5	3.33 No	0.9 Element Fault
TWL067	163	'43886352_/_49206608_2'		0.83	2.37	3.33	0.45	0.5	2.92	1.11 No	0.45 Thermal Discharging
TWL067	164	'7496471_/_7496468'		0.8	2.33	3.33	0.45	0.5	2.9	1.11 No	0.45 Thermal Discharging
TWL067	165	'43711844_/_43711846'		0.8	2.33	3.33	0.45	0.5	2.89	1.11 No	0.45 Thermal Discharging
TWL067	166	'7165496_/_43708561_2'		0.83	2.33	3.33	0.45	0.2	2.91	1.11 No	0.2 Element Fault
TWL067	167	'8391068_/_7755511'		0.93	2.33	3.33	0.45	0.3	2.8	1.11 No	0.3 Element Fault
TWL067	168	'43708559_/_43708561_1'		2.5	7	10	1.35	1.6	8.27	3.33 No	1.35 Thermal Discharging
TWL067	169	'393788266_/_533295380'		0.9	2.27	3.33	0.45	0.2	2.74	1.11 No	0.2 Element Fault
TWL067	170	'6288341_/_8701674'		0.87	2.27	3.33	0.45	0.4	2.77	1.11 No	0.4 Element Fault
TWL067	171	'8076544_/_9335360'		2.3	6.8	10	1.35	1.1	8.33	3.33 No	1.1 Element Fault
TWL067	172	'6288196_/_6288194_1'		0.77	2.2	3.33	0.45	0.4	2.8	1.11 No	0.4 Element Fault
TWL067	173	'43708260_/_43708262'		0.77	2.2	3.33	0.45	0.4	2.79	1.11 No	0.4 Element Fault
TWL067	174	'57037512_/_9021673_1'		2.3	6.6	10	1.35	1.1	8.03	3.33 No	1.1 Element Fault
TWL067	175	'393787886_/_8441564'		2.4	6.6	10	1.35	1.9	7.86	3.33 No	1.35 Thermal Discharging
TWL067	176	'8131720_/_8131717'		2.4	6.6	10	1.35	1.9	7.86	3.33 No	1.35 Thermal Discharging
TWL067	177	'7129058_/_50972669_2'		2.4	6.6	10	1.35	1.9	7.85	3.33 No	1.35 Thermal Discharging
TWL067	178	'7495538_/_8756490'		2.4	6.6	10	1.35	1.9	7.85	3.33 No	1.35 Thermal Discharging
TWL067	179	'8076543_/_8076541'		2.4	6.6	10	1.35	1.9	7.85	3.33 No	1.35 Thermal Discharging
TWL067	180	'7495539_/_7495536'		0.67	1.97	3.33	0.45	0.37	2.77	1.11 No	0.37 Element Fault
TWL067	181	'50972672_/_50972669_1'		0.87	2.17	3.33	0.45	0.3	2.68	1.11 No	0.3 Element Fault
TWL067	182	'9021692_/_9335142'		0.77	2.17	3.33	0.45	0.2	2.76	1.11 No	0.2 Element Fault
TWL067	183	'6286209_/_6288338'		0.83	2.1	3.33	0.45	0.2	2.62	1.11 No	0.2 Element Fault
TWL067	184	'57037502_/_9021673_2'		0.8	2.1	3.33	0.45	0.4	2.65	1.11 No	0.4 Element Fault
TWL067	185	'43886363_/_57037475_1'		2.2	6.3	10	1.35	5.1	7.96	3.33 No	1.35 Thermal Discharging
TWL067	186	'8147672_/_8147669_1'		2.3	6.2	10	1.35	1.9	7.57	3.33 No	1.35 Thermal Discharging
TWL067	187	'6288714_/_9335126_1'		0.93	2.73	3.33	0.45	1.7	2.68	1.11 No	0.45 Thermal Discharging
TWL067	188	'6288756_/_6288766'		2.3	6.1	10	1.35	1.9	7.54	3.33 No	1.35 Thermal Discharging
TWL067	189	'9021660_/_9021657'		0.8	2.03	3.33	0.45	0.3	2.57	1.11 No	0.3 Element Fault
TWL067	190	'43886220_/_6288223'		1.5	4	10	1.35	1.3	7.51	3.33 No	1.3 Element Fault
TWL067	191	'43886231_/_43886233'		0.73	2.03	3.33	0.45	0.2	2.65	1.11 No	0.2 Element Fault
TWL067	192	'43886330_/_9335126_2'		2.1	6.1	10	1.35	1.1	7.8	3.33 No	1.1 Element Fault
TWL067	193	'7399421_/_7399418_2'		2.1	6.1	10	1.35	1.6	7.57	3.33 No	1.35 Thermal Discharging
TWL067	194	'5432170_/_5432180'		2	6	10	1.35	1.1	7.73	3.33 No	1.1 Element Fault
TWL067	195	'5414717_/_5414727'		2.2	6	10	1.35	1.9	7.44	3.33 No	1.35 Thermal Discharging
TWL067	196	'6286208_/_6286206'		0.77	2	3.33	0.45	0.4	2.56	1.11 No	0.4 Element Fault
TWL067	197	'7808439_/_8131697'		0.8	2	3.33	0.45	0.2	2.53	1.11 No	0.2 Element Fault
TWL067	198	'69651507_/_57037475_2'		2.2	5.9	10	1.35	1.9	7.36	3.33 No	1.35 Thermal Discharging
TWL067	199	'6288311_/_6288309'		0.73	1.97	3.33	0.45	0.4	2.61	1.11 No	0.4 Element Fault
TWL067	200	'9021691_/_9021689'		0.73	1.97	3.33	0.45	0.53	2.53	1.11 No	0.45 Thermal Discharging
TWL067	201	'393787892_/_9702360'		0.73	1.97	3.33	0.45	0.4	2.59	1.11 No	0.4 Element Fault
TWL067	202	'5415640_/_7129039'		2	5.9	10	1.35	1.1	7.59	3.33 No	1.1 Element Fault
TWL067	203	'91822840_/_9335158'		0.73	1.97	3.33	0.45	0.4	2.58	1.11 No	0.4 Element Fault
TWL067	204	'7820850_/_8141361'		2	5.8	10	1.35	1.1	7.4	3.33 No	1.1 Element Fault
TWL067	205	'43882955_/_43882957'		0.73	1.93	3.33	0.45	0.4	2.56	1.11 No	0.4 Element Fault
TWL067	206	'108436401_/_9648073_2'		0.67	1.9	3.33	0.45	0.2	2.53	1.11 No	0.2 Element Fault
TWL067	207	'8076502_/_76603295'		0.73	1.9	3.33	0.45	0.4	2.55	1.11 No	0.4 Element Fault
TWL067	208	'6288238_/_6288236'		0.73	1.9	3.33	0.45	0.4	2.47	1.11 No	0.4 Element Fault
TWL067	209	'57037608_/_57037562'		0.7	1.9	3.33	0.45	0.4	2.52	1.11 No	0.4 Element Fault
TWL067	210	'43882966_/_6288740'		2.1	5.6	10	1.35	1.3	7.14	3.33 No	1.3 Element Fault
TWL067	211	'8390973_/_8390970'		2.1	5.6	10	1.35	1.3	7.14	3.33 No	1.3 Element Fault
TWL067	212	'43886316_/_9648073_1'		0.7	1.9	3.33	0.45	0.4	2.52	1.11 No	0.4 Element Fault
TWL067	213	'8133284_/_8133281'		2.1	5.6	10	1.35	1.3	7.14	3.33 No	1.3 Element Fault
TWL067	214	'5414704_/_5414714'		2.1	5.6	10	1.35	1.3	7.14	3.33 No	1.3 Element Fault
TWL067	215	'5414859_/_5432167'		2.1	5.6	10	1.35	1.3	7.14	3.33 No	1.3 Element Fault
TWL067	216	'43882933_/_43882935'		2.1	5.6	10	1.35	1.9	7.12	3.33 No	1.35 Thermal Discharging
TWL067	217	'43708521_/_7090866'		2.1	5.6	10	1.35	1.3	7.13	3.33 No	1.3 Element Fault
TWL067	218	'5414403_/_5414701'		0.73	1.87	3.33	0.45	0.2	2.41	1.11 No	0.2 Element Fault
TWL067	219	'7755497_/_8076499'		0.7	1.87	3.33	0.45	0.3	2.44	1.11 No	0.3 Element Fault
TWL067	220	'5415641_/_5415638'		0.7	1.87	3.33	0.45	0.4	2.5	1.11 No	0.4 Element Fault
TWL067	221	'5414691_/_7090807'		0.7	1.87	3.33	0.45	0.4	2.43	1.11 No	0.4 Element Fault
TWL067	222	'6288727_/_8391050_2'		1.6	4.7	10	1.35	0.9	7.32	3.33 No	0.9 Element Fault
TWL067	223	'6288698_/_43886304'		1.8	4.8	10	1.35	1.3	7.08	3.33 No	1.3 Element Fault
TWL067	224	'393787920_/_9702380'		2.1	5.6	10	1.35	1.3	7.08	3.33 No	1.3 Element Fault

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TWL067	225	'43886341_/_8391050_1'	1.07	3.13	6.67	0.9	0.6	4.86	2.22	No	0.6 Element Fault
TWL067	226	'393787944_/_8756626'	0.7	1.87	3.33	0.45	0.4	2.49	1.11	No	0.4 Element Fault
TWL067	227	'5414858_/_5414856'	2.1	5.5	10	1.35	1.3	7.07	3.33	No	1.3 Element Fault
TWL067	228	'393787978_/_9702148'	0.7	1.87	3.33	0.45	0.4	2.49	1.11	No	0.4 Element Fault
TWL067	229	'5414646_/_7090791'	0.7	1.83	3.33	0.45	0.4	2.49	1.11	No	0.4 Element Fault
TWL067	230	'9021707_/_9021705'	1.9	5.5	10	1.35	1.1	7.16	3.33	No	1.1 Element Fault
TWL067	231	'5415612_/_5415625'	0.73	1.83	3.33	0.45	0.3	2.36	1.11	No	0.3 Element Fault
TWL067	232	'5414675_/_5414688'	2	5.4	10	1.35	1.3	6.98	3.33	No	1.3 Element Fault
TWL067	233	'43883039_/_7090882'	0.7	1.8	3.33	0.45	0.2	2.35	1.11	No	0.2 Element Fault
TWL067	234	'43708128_/_5414400'	0.67	1.8	3.33	0.45	0.4	2.42	1.11	No	0.4 Element Fault
TWL067	235	'7755662_/_7442342'	2	5.3	10	1.35	1.3	6.86	3.33	No	1.3 Element Fault
TWL067	236	'5414588_/_7090762'	1.8	5.3	10	1.35	1.1	6.97	3.33	No	1.1 Element Fault
TWL067	237	'7820851_/_7820848'	2	5.3	10	1.35	1.3	6.83	3.33	No	1.3 Element Fault
TWL067	238	'6288697_/_6288695'	0.67	1.77	3.33	0.45	0.4	2.33	1.11	No	0.4 Element Fault
TWL067	239	'452480162_/_9408906'	0.67	1.77	3.33	0.45	0.4	2.39	1.11	No	0.4 Element Fault
TWL067	240	'452480094_/_452480290'	0.63	1.73	3.33	0.45	0.3	2.33	1.11	No	0.3 Element Fault
TWL067	241	'43882944_/_6288724'	0.63	1.73	3.33	0.45	0.53	2.32	1.11	No	0.45 Thermal Discharging
TWL067	242	'9408560_/_418662193'	1.6	4.7	10	1.35	0.9	6.98	3.33	No	0.9 Element Fault
TWL067	243	'7755661_/_7755659'	0.7	1.73	3.33	0.45	0.53	2.33	1.11	No	0.45 Thermal Discharging
TWL067	244	'5414374_/_5414384'	0.7	1.73	3.33	0.45	0.3	2.32	1.11	No	0.3 Element Fault
TWL067	245	'5415611_/_5415609'	0.67	1.73	3.33	0.45	0.4	2.37	1.11	No	0.4 Element Fault
TWL067	246	'8440153_/_8757338'	0.67	1.73	3.33	0.45	0.4	2.37	1.11	No	0.4 Element Fault
TWL067	247	'43708249_/_43708251'	0.7	1.73	3.33	0.45	0.3	2.26	1.11	No	0.3 Element Fault
TWL067	248	'5414633_/_5414643'	0.67	1.73	3.33	0.45	0.4	2.36	1.11	No	0.4 Element Fault
TWL067	249	'6286225_/_43883041'	1.6	4.7	10	1.35	0.9	6.88	3.33	No	0.9 Element Fault
TWL067	250	'5414361_/_5414371'	1.6	4.7	10	1.35	0.9	6.87	3.33	No	0.9 Element Fault
TWL067	251	'8133303_/_8133301'	1.9	5.1	10	1.35	1.3	6.67	3.33	No	1.3 Element Fault
TWL067	252	'43708532_/_43708536'	1.9	5.1	10	1.35	1.3	6.66	3.33	No	1.3 Element Fault
TWL067	253	'43708227_/_43708229'	1.9	5.1	10	1.35	1.3	6.66	3.33	No	1.3 Element Fault
TWL067	254	'43708216_/_7090749'	0.63	1.67	3.33	0.45	0.4	2.25	1.11	No	0.4 Element Fault
TWL067	255	'6288328_/_6288325'	0.67	1.67	3.33	0.45	0.3	2.27	1.11	No	0.3 Element Fault
TWL067	256	'6275049_/_7167562'	0.63	1.67	3.33	0.45	0.4	2.31	1.11	No	0.4 Element Fault
TWL067	257	'5414620_/_7090778'	0.67	1.67	3.33	0.45	0.3	2.19	1.11	No	0.3 Element Fault
TWL067	258	'5414270_/_5414659'	0.63	1.67	3.33	0.45	0.4	2.29	1.11	No	0.4 Element Fault
TWL067	259	'5414632_/_5414630'	0.67	1.67	3.33	0.45	0.53	2.24	1.11	No	0.45 Thermal Discharging
TWL067	260	'5414348_/_5414358'	0.67	1.63	3.33	0.45	0.2	2.18	1.11	No	0.2 Element Fault
TWL067	261	'9408561_/_9408558'	0.63	1.67	3.33	0.45	0.4	2.28	1.11	No	0.4 Element Fault
TWL067	262	'7129094_/_43708585_2'	0.63	1.63	3.33	0.45	0.4	2.21	1.11	No	0.4 Element Fault
TWL067	263	'5413936_/_5414572'	0.6	1.63	3.33	0.45	0.3	2.22	1.11	No	0.3 Element Fault
TWL067	264	'43708030_/_43708032'	0.6	1.63	3.33	0.45	0.53	2.22	1.11	No	0.45 Thermal Discharging
TWL067	265	'5415780_/_5415790'	0.67	1.63	3.33	0.45	0.3	2.16	1.11	No	0.3 Element Fault
TWL067	266	'43883378_/_6275047'	0.63	1.63	3.33	0.45	0.4	2.26	1.11	No	0.4 Element Fault
TWL067	267	'43883367_/_43883369'	0.57	1.63	3.33	0.45	0.4	2.27	1.11	No	0.4 Element Fault
TWL067	268	'5414549_/_5414559'	0.63	1.63	3.33	0.45	0.4	2.26	1.11	No	0.4 Element Fault
TWL067	269	'69650421_/_7167575_1'	0.57	1.63	3.33	0.45	0.4	2.26	1.11	No	0.4 Element Fault
TWL067	270	'7808440_/_7808437'	1.8	4.8	10	1.35	1.3	6.42	3.33	No	1.3 Element Fault
TWL067	271	'5414257_/_5414267'	0.6	1.6	3.33	0.45	0.4	2.24	1.11	No	0.4 Element Fault
TWL067	272	'43708238_/_43708240'	0.53	1.6	3.33	0.45	0.4	2.24	1.11	No	0.4 Element Fault
TWL067	273	'5415656_/_7129071'	1.8	4.8	10	1.35	1.3	6.35	3.33	No	1.3 Element Fault
TWL067	274	'5414322_/_5414332'	0.63	1.57	3.33	0.45	0.3	2.17	1.11	No	0.3 Element Fault
TWL067	275	'127119364_/_5415654_1'	1.8	4.7	10	1.35	1.3	6.33	3.33	No	1.3 Element Fault
TWL067	276	'6262226_/_7167575_2'	0.6	1.57	3.33	0.45	0.4	2.14	1.11	No	0.4 Element Fault
TWL067	277	'43708583_/_43708585_1'	0.57	1.57	3.33	0.45	0.3	2.14	1.11	No	0.3 Element Fault
TWL067	278	'5413923_/_5413933'	1.8	4.7	10	1.35	1.2	6.28	3.33	No	1.2 Element Fault
TWL067	279	'43708161_/_43708163'	0.53	1.57	3.33	0.45	0.3	2.19	1.11	No	0.3 Element Fault
TWL067	280	'5414244_/_5414254'	0.63	1.57	3.33	0.45	0.53	2.14	1.11	No	0.45 Thermal Discharging
TWL067	281	'5414309_/_5414319'	0.6	1.53	3.33	0.45	0.2	2.07	1.11	No	0.2 Element Fault
TWL067	282	'43880414_/_43880416'	0.57	1.53	3.33	0.45	0.53	2.12	1.11	No	0.45 Thermal Discharging
TWL067	283	'5413725_/_5414546'	0.6	1.53	3.33	0.45	0.4	2.16	1.11	No	0.4 Element Fault
TWL067	284	'6275063_/_43883380'	0.6	1.53	3.33	0.45	0.4	2.15	1.11	No	0.4 Element Fault
TWL067	285	'6275008_/_6275018'	0.57	1.53	3.33	0.45	0.4	2.15	1.11	No	0.4 Element Fault
TWL067	286	'5415845_/_5415855'	0.6	1.53	3.33	0.45	0.4	2.09	1.11	No	0.4 Element Fault
TWL067	287	'5414231_/_5414241'	0.57	1.53	3.33	0.45	0.43	2.05	1.11	No	0.43 Element Fault
TWL067	288	'43708139_/_5414306'	0.6	1.53	3.33	0.45	0.3	2.1	1.11	No	0.3 Element Fault
TWL067	289	'5414105_/_5414601'	0.57	1.5	3.33	0.45	0.53	2.09	1.11	No	0.45 Thermal Discharging
TWL067	290	'6262227_/_6262224'	1.13	3	6.67	0.9	0.87	4.08	2.22	No	0.87 Element Fault
TWL067	291	'5415657_/_5415654_2'	0.57	1.5	3.33	0.45	0.2	2.08	1.11	No	0.2 Element Fault
TWL067	292	'43707975_/_5413920'	0.57	1.5	3.33	0.45	0.4	2.05	1.11	No	0.4 Element Fault
TWL067	293	'6275076_/_6275073'	0.5	1.5	3.33	0.45	0.4	2.12	1.11	No	0.4 Element Fault
TWL067	294	'5413712_/_5413722'	0.6	1.5	3.33	0.45	0.2	2.02	1.11	No	0.2 Element Fault
TWL067	295	'6262185_/_6262195'	1.7	4.5	10	1.35	1.2	6.07	3.33	No	1.2 Element Fault
TWL067	296	'6275007_/_6275005'	0.53	1.5	3.33	0.45	0.3	2.11	1.11	No	0.3 Element Fault
TWL067	297	'5415832_/_5415842'	0.53	1.5	3.33	0.45	0.3	2.1	1.11	No	0.3 Element Fault
TWL067	298	'5414520_/_5414517'	0.53	1.47	3.33	0.45	0.3	2.05	1.11	No	0.3 Element Fault
TWL067	299	'5414092_/_5414102'	0.53	1.47	3.33	0.45	0.3	2.09	1.11	No	0.3 Element Fault
TWL067	300	'43880425_/_6262237'	0.53	1.47	3.33	0.45	0.3	2.09	1.11	No	0.3 Element Fault
TWL067	301	'43883050_/_7090895'	0.6	1.47	3.33	0.45	0.53	2.03	1.11	No	0.45 Thermal Discharging
TWL067	302	'5414295_/_5414293'	0.57	1.47	3.33	0.45	0.4	2.07	1.11	No	0.4 Element Fault
TWL067	303	'38033241_/_9704774'	0.57	1.47	3.33	0.45	0.4	2.07	1.11	No	0.4 Element Fault
TWL067	304	'38033234_/_38033238'	0.57	1.43	3.33	0.45	0.4	2	1.11	No	0.4 Element Fault
TWL067	305	'38033255_/_38033259'	0.57	1.43	3.33	0.45	0.4	2.06	1.11	No	0.4 Element Fault
TWL067	306	'38033227_/_38033231'	0.53	1.43	3.33	0.45	0.1	2.02	1.11	No	0.1 Element Fault
TWL067	307	'38033269_/_38033266'	0.57	1.43	3.33	0.45	0.2	1.98	1.11	No	0.2 Element Fault
TWL067	308	'54925133_/_7179588'	1.6	4.3	10	1.35	1.3	5.96	3.33	No	1.3 Element Fault
TWL067	309	'5413897_/_5413907'	1.6	4.3	10	1.35	0.9	5.96	3.33	No	0.9 Element Fault
TWL067	310	'43707920_/_43707922'	0.53	1.43	3.33	0.45	0.3	2.06	1.11	No	0.3 Element Fault
TWL067	311	'54925161_/_54925136_1'	0.53	1.43	3.33	0.45	0.1	2.01	1.11	No	0.1 Element Fault
TWL067	312	'5414533_/_5414530'	0.57	1.43	3.33	0.45	0.3	2.01	1.11	No	0.3 Element Fault
TWL067	313	'43707997_/_43707999'	1.6	4.3	10	1.35	1.2	5.86	3.33	No	1.2 Element Fault
TWL067	314	'43708172_/_43708174'	0.53	1.43	3.33	0.45	0.3	1.99	1.11	No	0.3 Element Fault
TWL067	315	'6286241_/_6286238'	0.57	1.4	3.33	0.45	0.2	1.94	1.11	No	0.2 Element Fault
TWL067	316	'6275089_/_6275086'	0.5	1.4	3.33	0.45	0.4	2.03	1.11	No	0.4 Element Fault
TWL067	317	'5432050_/_5432060'	0.53	1.4	3.33	0.45	0.4	2.01	1.11	No	0.4 Element Fault
TWL067	318	'43880403_/_43880405'	0.53	1.4	3.33	0.45	0.4	1.94	1.11	No	0.4 Element Fault

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TWL067	319	'5422374_/_447957624_2'	0.5		1.4	3.33	0.45	0.1	1.96	1.11 No	0.1 Element Fault
TWL067	320	'447957862_/_447957624_1'	0.53		1.4	3.33	0.45	0.4	1.99	1.11 No	0.4 Element Fault
TWL067	321	'54925187_/_54925136_2'	1.6		4.2	10	1.35	1.2	5.76	3.33 No	1.2 Element Fault
TWL067	322	'6286254_/_6286251'	0.57		1.37	3.33	0.45	0.53	1.95	1.11 No	0.45 Thermal Discharging
TWL067	323	'7179604_/_54925136_3'	1.5		4.1	10	1.35	1.3	5.75	3.33 No	1.3 Element Fault
TWL067	324	'43707986_/_43707988'	0.53		1.37	3.33	0.45	0.4	1.97	1.11 No	0.4 Element Fault
TWL067	325	'6262253_/_43880427'	0.53		1.37	3.33	0.45	0.3	1.97	1.11 No	0.3 Element Fault
TWL067	326	'5415806_/_5415816'	0.53		1.37	3.33	0.45	0.2	1.88	1.11 No	0.2 Element Fault
TWL067	327	'5414202_/_5414212'	0.53		1.33	3.33	0.45	0.3	1.92	1.11 No	0.3 Element Fault
TWL067	328	'458902836_/_458902858'	0.5		1.33	3.33	0.45	0.4	1.94	1.11 No	0.4 Element Fault
TWL067	329	'5422361_/_5422371'	1.5		4	10	1.35	0.9	5.65	3.33 No	0.9 Element Fault
TWL067	330	'5413686_/_5413696'	1.5		4	10	1.35	1.3	5.65	3.33 No	1.3 Element Fault
TWL067	331	'6275105_/_6275102'	0.5		1.33	3.33	0.45	0.4	1.89	1.11 No	0.4 Element Fault
TWL067	332	'5422564_/_5422561'	0.5		1.33	3.33	0.45	0.4	1.94	1.11 No	0.4 Element Fault
TWL067	333	'7165511_/_7165508'	0.47		1.33	3.33	0.45	0.4	1.93	1.11 No	0.4 Element Fault
TWL067	334	'43707964_/_5413894'	0.5		1.33	3.33	0.45	0.1	1.89	1.11 No	0.1 Element Fault
TWL067	335	'7516042_/_8439125'	0.5		1.33	3.33	0.45	0.4	1.92	1.11 No	0.4 Element Fault
TWL067	336	'43708150_/_5432047'	1.5		4	10	1.35	1.3	5.58	3.33 No	1.3 Element Fault
TWL067	337	'468802705_/_458902943_1'	0.53		1.3	3.33	0.45	0.3	1.83	1.11 No	0.3 Element Fault
TWL067	338	'6274995_/_7179601'	1.2		3.1	10	1.35	0.9	5.53	3.33 No	0.9 Element Fault
TWL067	339	'6262171_/_6262169'	0.5		1.3	3.33	0.45	0.4	1.84	1.11 No	0.4 Element Fault
TWL067	340	'7516043_/_7516040'	0.5		1.3	3.33	0.45	0.4	1.89	1.11 No	0.4 Element Fault
TWL067	341	'5414134_/_5415803'	0.53		1.3	3.33	0.45	0.3	1.9	1.11 No	0.3 Element Fault
TWL067	342	'5414189_/_5414199'	0.5		1.3	3.33	0.45	0.4	1.88	1.11 No	0.4 Element Fault
TWL067	343	'43711275_/_5422713'	0.53		1.3	3.33	0.45	0.3	1.85	1.11 No	0.3 Element Fault
TWL067	344	'5422360_/_5422358'	1.5		3.9	10	1.35	1.3	5.48	3.33 No	1.3 Element Fault
TWL067	345	'5414066_/_5414076'	0.53		1.3	3.33	0.45	0.53	1.85	1.11 No	0.45 Thermal Discharging
TWL067	346	'447957692_/_447957608_1'	0.5		1.3	3.33	0.45	0.3	1.79	1.11 No	0.3 Element Fault
TWL067	347	'7516076_/_9095361'	0.5		1.27	3.33	0.45	0.4	1.87	1.11 No	0.4 Element Fault
TWL067	348	'5413871_/_5413881'	0.53		1.27	3.33	0.45	0.2	1.84	1.11 No	0.2 Element Fault
TWL067	349	'43707909_/_43707911'	0.5		1.3	3.33	0.45	0.2	1.79	1.11 No	0.2 Element Fault
TWL067	350	'6262851_/_6262848'	0.47		1.27	3.33	0.45	0.1	1.83	1.11 No	0.1 Element Fault
TWL067	351	'43708596_/_43708598'	0.43		1.27	3.33	0.45	0.4	1.86	1.11 No	0.4 Element Fault
TWL067	352	'43708149_/_5414280'	1.5		3.8	10	1.35	1.3	5.42	3.33 No	1.3 Element Fault
TWL067	353	'5414118_/_5414131'	0.47		1.27	3.33	0.45	0.4	1.84	1.11 No	0.4 Element Fault
TWL067	354	'5422577_/_5422574'	0.47		1.27	3.33	0.45	0.4	1.79	1.11 No	0.4 Element Fault
TWL067	355	'43883356_/_6274992'	0.5		1.23	3.33	0.45	0.2	1.75	1.11 No	0.2 Element Fault
TWL067	356	'38034837_/_9077157'	0.5		1.23	3.33	0.45	0.3	1.8	1.11 No	0.3 Element Fault
TWL067	357	'38034830_/_38034834'	0.5		1.23	3.33	0.45	0.4	1.82	1.11 No	0.4 Element Fault
TWL067	358	'38034823_/_38034827'	0.5		1.23	3.33	0.45	0.1	1.79	1.11 No	0.1 Element Fault
TWL067	359	'38034851_/_38034855'	0.47		1.23	3.33	0.45	0.4	1.81	1.11 No	0.4 Element Fault
TWL067	360	'38034865_/_38034862'	0.5		1.23	3.33	0.45	0.1	1.78	1.11 No	0.1 Element Fault
TWL067	361	'138795367_/_138795424'	0.53		1.23	3.33	0.45	0.3	1.81	1.11 No	0.3 Element Fault
TWL067	362	'5413660_/_5413670'	0.47		1.23	3.33	0.45	0.1	1.77	1.11 No	0.1 Element Fault
TWL067	363	'5415672_/_7129104'	0.47		1.23	3.33	0.45	0.4	1.79	1.11 No	0.4 Element Fault
TWL067	364	'5414173_/_5414186'	0.43		1.2	3.33	0.45	0.4	1.79	1.11 No	0.4 Element Fault
TWL067	365	'5422390_/_5422387'	0.5		1.2	3.33	0.45	0.3	1.75	1.11 No	0.3 Element Fault
TWL067	366	'5422674_/_5422671'	0.5		1.2	3.33	0.45	0.1	1.75	1.11 No	0.1 Element Fault
TWL067	367	'316833371_/_5415670_1'	0.47		1.2	3.33	0.45	0.4	1.73	1.11 No	0.4 Element Fault
TWL067	368	'5414117_/_5414115'	0.47		1.2	3.33	0.45	0.2	1.69	1.11 No	0.2 Element Fault
TWL067	369	'43711264_/_5422613'	0.47		1.2	3.33	0.45	0.4	1.75	1.11 No	0.4 Element Fault
TWL067	370	'5414053_/_5414063'	0.47		1.2	3.33	0.45	0.4	1.75	1.11 No	0.4 Element Fault
TWL067	371	'138795491_/_138795400_2'	0.53		1.17	3.33	0.45	0.3	1.75	1.11 No	0.3 Element Fault
TWL067	372	'138795218_/_138795400_1'	1.4		3.5	10	1.35	1.3	5.13	3.33 No	1.3 Element Fault
TWL067	373	'5413858_/_5413868'	0.47		1.17	3.33	0.45	0.4	1.74	1.11 No	0.4 Element Fault
TWL067	374	'6262864_/_6262861'	0.4		1.17	3.33	0.45	0.4	1.72	1.11 No	0.4 Primary Over-Voltage
TWL067	375	'44073759_/_44073761'	0.43		1.17	3.33	0.45	0.4	1.71	1.11 No	0.4 Element Fault
TWL067	376	'5422590_/_5422587'	0.43		1.17	3.33	0.45	0.4	1.71	1.11 No	0.4 Element Fault
TWL067	377	'39682769_/_7516074'	0.47		1.13	3.33	0.45	0.1	1.68	1.11 No	0.1 Element Fault
TWL067	378	'54925124_/_54925079_1'	0.47		1.13	3.33	0.45	0.2	1.64	1.11 No	0.2 Element Fault
TWL067	379	'5415673_/_5415670_2'	0.43		1.13	3.33	0.45	0.4	1.68	1.11 No	0.4 Element Fault
TWL067	380	'5403040_/_7090958'	0.53		1.13	3.33	0.45	0.3	1.69	1.11 No	0.3 Element Fault
TWL067	381	'5413647_/_5413657'	0.43		1.13	3.33	0.45	0.4	1.67	1.11 No	0.4 Element Fault
TWL067	382	'106884360_/_7827444'	0.4		1.13	3.33	0.45	0.4	1.68	1.11 No	0.4 Primary Over-Voltage
TWL067	383	'7516077_/_106884442_1'	1.3		3.4	10	1.35	1.3	4.93	3.33 No	1.3 Primary Over-Voltage
TWL067	384	'5414040_/_5414050'	0.43		1.13	3.33	0.45	0.2	1.61	1.11 No	0.2 Element Fault
TWL067	385	'5422403_/_5422400'	0.5		1.13	3.33	0.45	0.3	1.67	1.11 No	0.3 Element Fault
TWL067	386	'43886614_/_138795314'	0.43		1.1	3.33	0.45	0.4	1.66	1.11 No	0.4 Element Fault
TWL067	387	'43711297_/_5422687'	0.43		1.1	3.33	0.45	0.1	1.64	1.11 No	0.1 Element Fault
TWL067	388	'6274291_/_138795215'	0.43		1.1	3.33	0.45	0.4	1.65	1.11 No	0.4 Element Fault
TWL067	389	'43708008_/_43708010'	0.5		1.1	3.33	0.45	0.3	1.65	1.11 No	0.3 Element Fault
TWL067	390	'43707953_/_5413855'	0.5		1.1	3.33	0.45	0.3	1.64	1.11 No	0.3 Element Fault
TWL067	391	'6262877_/_6262874'	0.43		1.1	3.33	0.45	0.4	1.63	1.11 No	0.4 Element Fault
TWL067	392	'54925119_/_54925079_2'	1.3		3.2	10	1.35	1.3	4.78	3.33 No	1.3 Primary Over-Voltage
TWL067	393	'54925100_/_54925079_3'	0.37		1.07	3.33	0.45	0.4	1.61	1.11 No	0.37 Primary Over-Voltage
TWL067	394	'5414027_/_5414037'	0.43		1.07	3.33	0.45	0.1	1.59	1.11 No	0.1 Element Fault
TWL067	395	'5403039_/_5403037'	0.4		1.07	3.33	0.45	0.4	1.6	1.11 No	0.4 Primary Over-Voltage
TWL067	396	'43707898_/_5413644'	0.43		1.07	3.33	0.45	0.4	1.6	1.11 No	0.4 Element Fault
TWL067	397	'6248159_/_43886616'	0.5		1.07	3.33	0.45	0.3	1.59	1.11 No	0.3 Element Fault
TWL067	398	'43708572_/_5415686'	0.4		1.07	3.33	0.45	0.4	1.56	1.11 No	0.4 Primary Over-Voltage
TWL067	399	'453679830_/_447957608_2'	0.4		1.07	3.33	0.45	0.4	1.56	1.11 No	0.4 Primary Over-Voltage
TWL067	400	'43711302_/_43711299'	0.4		1.03	3.33	0.45	0.3	1.55	1.11 No	0.3 Element Fault
TWL067	401	'6274274_/_6274288'	0.4		1.03	3.33	0.45	0.4	1.55	1.11 No	0.4 Primary Over-Voltage
TWL067	402	'5422415_/_447957608_3'	0.4		1.03	3.33	0.45	0.4	1.55	1.11 No	0.4 Primary Over-Voltage
TWL067	403	'6262890_/_6262887'	1.2		3.1	10	1.35	1.3	4.64	3.33 No	1.2 Primary Over-Voltage
TWL067	404	'7095675_/_7095672'	0.4		1.03	3.33	0.45	0.4	1.57	1.11 No	0.4 Primary Over-Voltage
TWL067	405	'6262146_/_6262156'	0.37		1.03	3.33	0.45	0.4	1.57	1.11 No	0.37 Primary Over-Voltage
TWL067	406	'5414147_/_5414157'	0.4		1.03	3.33	0.45	0.4	1.55	1.11 No	0.4 Primary Over-Voltage
TWL067	407	'5414014_/_5414024'	0.4		1.03	3.33	0.45	0.4	1.52	1.11 No	0.4 Primary Over-Voltage
TWL067	408	'5413832_/_5413842'	0.5		1.03	3.33	0.45	0.3	1.55	1.11 No	0.3 Element Fault
TWL067	409	'5422416_/_5422413'	0.4		1.03	3.33	0.45	0.4	1.54	1.11 No	0.4 Primary Over-Voltage
TWL067	410	'106884407_/_106884418'	0.37		1	3.33	0.45	0.4	1.51	1.11 No	0.37 Primary Over-Voltage
TWL067	411	'5413621_/_5413631'	0.37		1	3.33	0.45	0.4	1.52	1.11 No	0.37 Primary Over-Voltage
TWL067	412	'43711253_/_43711255'	0.37		1	3.33	0.45	0.4	1.51	1.11 No	0.37 Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TWL067	413	'6286269_/7090908'	0.47		1	3.33	0.45	0.3	1.52	1.11 No	0.3 Element Fault
TWL067	414	'43708205_/43708207'	0.4		1	3.33	0.45	0.4	1.51	1.11 No	0.4 Primary Over-Voltage
TWL067	415	'43883074_/6248157'	0.33		0.97	3.33	0.45	0.4	1.48	1.11 No	0.33 Primary Over-Voltage
TWL067	416	'5422632_/5422642'	0.4		0.97	3.33	0.45	0.4	1.48	1.11 No	0.4 Primary Over-Voltage
TWL067	417	'43708019_/43708021'	0.47		0.97	3.33	0.45	0.3	1.48	1.11 No	0.3 Element Fault
TWL067	418	'5413819_/5413829'	0.47		0.97	3.33	0.45	0.3	1.48	1.11 No	0.3 Element Fault
TWL067	419	'43880392_/43880394'	0.37		0.97	3.33	0.45	0.4	1.48	1.11 No	0.37 Primary Over-Voltage
TWL067	420	'6274273_/6274271'	0.37		0.97	3.33	0.45	0.4	1.45	1.11 No	0.37 Primary Over-Voltage
TWL067	421	'6286270_/6286267'	0.33		0.93	3.33	0.45	0.4	1.45	1.11 No	0.33 Primary Over-Voltage
TWL067	422	'5413988_/5413998'	0.47		0.93	3.33	0.45	0.3	1.45	1.11 No	0.3 Element Fault
TWL067	423	'5413608_/5413618'	0.37		0.93	3.33	0.45	0.4	1.44	1.11 No	0.37 Primary Over-Voltage
TWL067	424	'43711286_/5422629'	0.37		0.93	3.33	0.45	0.4	1.42	1.11 No	0.37 Primary Over-Voltage
TWL067	425	'43711219_/5422426'	0.37		0.93	3.33	0.45	0.4	1.42	1.11 No	0.37 Primary Over-Voltage
TWL067	426	'5403289_/5403299'	0.33		0.93	3.33	0.45	0.4	1.41	1.11 No	0.33 Primary Over-Voltage
TWL067	427	'6248180_/43883076'	0.43		0.9	3.33	0.45	0.3	1.41	1.11 No	0.3 Element Fault
TWL067	428	'5422535_/5422532'	0.43		0.9	3.33	0.45	0.3	1.4	1.11 No	0.3 Element Fault
TWL067	429	'470153298_/463541172'	0.37		0.9	3.33	0.45	0.4	1.39	1.11 No	0.37 Primary Over-Voltage
TWL067	430	'43707942_/5413816'	0.37		0.9	3.33	0.45	0.4	1.37	1.11 No	0.37 Primary Over-Voltage
TWL067	431	'6289666_/6289664'	0.43		0.9	3.33	0.45	0.3	1.37	1.11 No	0.3 Element Fault
TWL067	432	'5403056_/7090971'	0.33		0.9	3.33	0.45	0.4	1.37	1.11 No	0.33 Primary Over-Voltage
TWL067	433	'5413975_/5413985'	0.43		0.87	3.33	0.45	0.3	1.34	1.11 No	0.3 Element Fault
TWL067	434	'43707887_/5413605'	0.33		0.87	3.33	0.45	0.4	1.34	1.11 No	0.33 Primary Over-Voltage
TWL067	435	'106884437_/106884475'	0.3		0.87	3.33	0.45	0.4	1.33	1.11 No	0.3 Primary Over-Voltage
TWL067	436	'43711285_/5422658'	0.4		0.83	3.33	0.45	0.3	1.32	1.11 No	0.3 Element Fault
TWL067	437	'5403288_/5403286'	0.33		0.83	3.33	0.45	0.4	1.31	1.11 No	0.33 Primary Over-Voltage
TWL067	438	'5403276_/5413972'	0.3		0.83	3.33	0.45	0.4	1.3	1.11 No	0.3 Primary Over-Voltage
TWL067	439	'6274964_/6274962'	0.4		0.83	3.33	0.45	0.3	1.3	1.11 No	0.3 Element Fault
TWL067	440	'54594120_/54594076_1'	0.4		0.83	3.33	0.45	0.3	1.3	1.11 No	0.3 Element Fault
TWL067	441	'5413793_/5413803'	0.33		0.83	3.33	0.45	0.4	1.29	1.11 No	0.33 Primary Over-Voltage
TWL067	442	'5403055_/5403053'	0.3		0.83	3.33	0.45	0.4	1.27	1.11 No	0.3 Primary Over-Voltage
TWL067	443	'6281575_/43711221'	0.4		0.8	3.33	0.45	0.3	1.27	1.11 No	0.3 Element Fault
TWL067	444	'5432156_/5432154'	0.33		0.8	3.33	0.45	0.4	1.26	1.11 No	0.33 Primary Over-Voltage
TWL067	445	'5422548_/5422545'	0.4		0.8	3.33	0.45	0.3	1.25	1.11 No	0.3 Element Fault
TWL067	446	'463541147_/463541210'	0.4		0.8	3.33	0.45	0.3	1.25	1.11 No	0.3 Element Fault
TWL067	447	'5403263_/5403273'	0.4		0.8	3.33	0.45	0.3	1.24	1.11 No	0.3 Element Fault
TWL067	448	'5413582_/5413592'	0.3		0.8	3.33	0.45	0.4	1.24	1.11 No	0.3 Primary Over-Voltage
TWL067	449	'5413737_/5413735'	0.27		0.8	3.33	0.45	0.4	1.23	1.11 No	0.27 Primary Over-Voltage
TWL067	450	'6289342_/6289356'	0.4		0.77	3.33	0.45	0.3	1.22	1.11 No	0.3 Element Fault
TWL067	451	'5413780_/5413790'	0.4		0.77	3.33	0.45	0.3	1.22	1.11 No	0.3 Element Fault
TWL067	452	'5403250_/5403260'	0.4		0.77	3.33	0.45	0.3	1.22	1.11 No	0.3 Element Fault
TWL067	453	'6281576_/6281573'	0.27		0.77	3.33	0.45	0.4	1.21	1.11 No	0.27 Primary Over-Voltage
TWL067	454	'5413569_/5413579'	0.37		0.77	3.33	0.45	0.3	1.2	1.11 No	0.3 Element Fault
TWL067	455	'6289379_/6289376'	0.37		0.77	3.33	0.45	0.3	1.19	1.11 No	0.3 Element Fault
TWL067	456	'6281589_/6281586'	0.37		0.77	3.33	0.45	0.3	1.18	1.11 No	0.3 Element Fault
TWL067	457	'43707931_/5413777'	0.37		0.77	3.33	0.45	0.3	1.18	1.11 No	0.3 Element Fault
TWL067	458	'43883310_/43883312'	0.37		0.77	3.33	0.45	0.3	1.18	1.11 No	0.3 Element Fault
TWL067	459	'470153292_/463541280'	0.37		0.77	3.33	0.45	0.3	1.18	1.11 No	0.3 Element Fault
TWL067	460	'5422322_/5422974'	0.37		0.77	3.33	0.45	0.3	1.18	1.11 No	0.3 Element Fault
TWL067	461	'43708194_/5403247'	0.37		0.77	3.33	0.45	0.3	1.18	1.11 No	0.3 Element Fault
TWL067	462	'54594069_/54594076_2'	0.37		0.73	3.33	0.45	0.3	1.17	1.11 No	0.3 Element Fault
TWL067	463	'5413556_/5413566'	0.37		0.73	3.33	0.45	0.3	1.16	1.11 No	0.3 Element Fault
TWL067	464	'43886627_/43886629'	0.37		0.73	3.33	0.45	0.3	1.16	1.11 No	0.3 Element Fault
TWL067	465	'6281605_/6281602'	0.37		0.73	3.33	0.45	0.2	1.16	1.11 No	0.2 Element Fault
TWL067	466	'7516062_/8441306'	0.37		0.73	3.33	0.45	0.3	1.15	1.11 No	0.3 Element Fault
TWL067	467	'7170503_/7516060'	0.37		0.73	3.33	0.45	0.3	1.15	1.11 No	0.3 Element Fault
TWL067	468	'7170519_/8133607'	0.37		0.73	3.33	0.45	0.3	1.14	1.11 No	0.3 Element Fault
TWL067	469	'7170502_/7170500'	0.37		0.73	3.33	0.45	0.3	1.14	1.11 No	0.3 Element Fault
TWL067	470	'44054214_/44054216'	0.37		0.73	3.33	0.45	0.3	1.14	1.11 No	0.3 Element Fault
TWL067	471	'5403236_/5403234'	0.37		0.73	3.33	0.45	0.3	1.14	1.11 No	0.3 Element Fault
TWL067	472	'69650478_/7170516'	0.37		0.73	3.33	0.45	0.3	1.13	1.11 No	0.3 Element Fault
TWL067	473	'43886047_/43886011_2'	0.37		0.7	3.33	0.45	0.3	1.12	1.11 No	0.3 Element Fault
TWL067	474	'5422348_/5422345'	0.33		0.7	3.33	0.45	0.3	1.11	1.11 No	0.3 Element Fault
TWL067	475	'5413751_/5413761'	0.33		0.7	3.33	0.45	0.3	1.11	1.11 No	0.3 Element Fault
TWL067	476	'43707876_/5413553'	0.33		0.7	3.33	0.45	0.3	1.1	1.11 No	0.3 Element Fault
TWL067	477	'5422729_/5422849'	0.33		0.7	3.33	0.45	0.1	1.09	1.11 No	0.1 Element Fault
TWL067	478	'6248192_/43886011_1'	0.33		0.7	3.33	0.45	0.3	1.09	1.11 No	0.3 Element Fault
TWL067	479	'5413949_/5413959'	0.33		0.7	3.33	0.45	0.1	1.09	1.11 No	0.1 Element Fault
TWL067	480	'6281618_/6281615'	0.33		0.7	3.33	0.45	0.3	1.09	1.11 No	0.3 Element Fault
TWL067	481	'7170242_/43883452'	0.33		0.67	3.33	0.45	0.3	1.08	1.11 No	0.3 Element Fault
TWL067	482	'5422745_/5422742'	0.33		0.67	3.33	0.45	0.3	1.08	1.11 No	0.3 Element Fault
TWL067	483	'5413750_/5413748'	0.33		0.67	3.33	0.45	0.1	1.08	1.11 No	0.1 Element Fault
TWL067	484	'43708183_/43708185'	0.33		0.67	3.33	0.45	0.1	1.07	1.11 No	0.1 Element Fault
TWL067	485	'5422800_/5422797'	0.33		0.67	3.33	0.45	0.3	1.05	1.11 No	0.3 Element Fault
TWL067	486	'5422728_/5422726'	0.33		0.67	3.33	0.45	0.3	1.05	1.11 No	0.3 Element Fault
TWL067	487	'43711208_/43711210'	0.33		0.67	3.33	0.45	0.1	1.05	1.11 No	0.1 Element Fault
TWL067	488	'43707864_/43707866'	0.33		0.67	3.33	0.45	0.1	1.05	1.11 No	0.1 Element Fault
TWL067	489	'5422826_/5422836'	0.33		0.63	3.33	0.45	0.1	1.03	1.11 No	0.1 Element Fault
TWL067	490	'6285693_/6285693'	0.33		0.63	3.33	0.45	0.3	1.02	1.11 No	0.3 Element Fault
TWL067	491	'6281660_/6281657'	0.33		0.63	3.33	0.45	0.1	1.02	1.11 No	0.1 Element Fault
TWL067	492	'6281646_/6281644'	0.33		0.63	3.33	0.45	0.3	1.01	1.11 No	0.3 Element Fault
TWL067	493	'5422812_/5422810'	0.3		0.63	3.33	0.45	0.3	1.01	1.11 No	0.3 Primary Over-Voltage
TWL067	494	'5413948_/5413946'	0.3		0.63	3.33	0.45	0.1	1	1.11 No	0.1 Element Fault
TWL067	495	'5422758_/5422755'	0.3		0.63	3.33	0.45	0.1	0.99	1.11 No	0.1 Element Fault
TWL067	496	'5413514_/5413524'	0.3		0.6	3.33	0.45	0.1	0.97	1.11 No	0.1 Element Fault
TWL067	497	'5422825_/43711310'	0.3		0.6	3.33	0.45	0.1	0.95	1.11 No	0.1 Element Fault
TWL067	498	'43885915_/6281670'	0.3		0.6	3.33	0.45	0.3	0.94	1.11 No	0.3 Primary Over-Voltage
TWL067	499	'5413513_/5413511'	0.3		0.6	3.33	0.45	0.3	0.94	1.11 No	0.3 Primary Over-Voltage
TWL067	500	'43885963_/6285690'	0.3		0.57	3.33	0.45	0.1	0.93	1.11 No	0.1 Element Fault
TWL067	501	'43885926_/43885928'	0.3		0.57	3.33	0.45	0.1	0.93	1.11 No	0.1 Element Fault
TWL067	502	'44678556_/5422332'	0.27		0.57	3.33	0.45	0.1	0.91	1.11 No	0.1 Element Fault
TWL067	503	'5422771_/5422768'	0.27		0.57	3.33	0.45	0.1	0.91	1.11 No	0.1 Element Fault
TWL067	504	'43885920_/43885917'	0.27		0.57	3.33	0.45	0.1	0.9	1.11 No	0.1 Element Fault
TWL067	505	'5422784_/5422781'	0.27		0.57	3.33	0.45	0.1	0.89	1.11 No	0.1 Element Fault
TWL067	506	'43885949_/43885951'	0.27		0.53	3.33	0.45	0.1	0.88	1.11 No	0.1 Element Fault

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TWL067	507	'6281633_/_6281631'		0.27	0.53	3.33	0.45	0.1	0.86	1.11 No	0.1 Element Fault
TWL067	508	'5421799_/_5422917'		0.27	0.5	3.33	0.45	0.1	0.83	1.11 No	0.1 Element Fault
TWL068		0 'TWL068_/_8991695'		10	10	10	1.64	10	10	10 No	1.64 Thermal Discharging
TWL068	1	'8991697_/_8991695'		10	10	10	1.64	10	10	3.2 No	1.64 Thermal Discharging
TWL068	2	'8366197_/_510523047'		10	10	10	1.64	10	10	3.2 No	1.64 Thermal Discharging
TWL068	3	'7416013_/_510522836'		10	10	10	1.64	10	10	3.2 No	1.64 Thermal Discharging
TWL068	4	'7416014_/_510522847'		10	10	10	1.64	10	10	3.2 No	1.64 Thermal Discharging
TWL068	5	'7416233_/_510522858'		10	10	10	1.64	10	10	3.2 No	1.64 Thermal Discharging
TWL068	6	'7416234_/_510522869'		10	10	10	1.64	10	10	3.2 No	1.64 Thermal Discharging
TWL068	7	'8053609_/_510522880'		10	10	10	1.64	10	10	3.2 No	1.64 Thermal Discharging
TWL068	8	'7730257_/_510522891'		10	10	10	1.64	10	10	3.2 No	1.64 Thermal Discharging
TWL068	9	'7730098_/_510522902'		10	10	10	1.64	10	10	3.2 No	1.64 Thermal Discharging
TWL068	10	'7730097_/_510522913'		9.7	10	10	1.64	10	10	3.2 No	1.64 Thermal Discharging
TWL068	11	'8365877_/_510522924'		8.9	10	10	1.64	10	10	3.2 No	1.64 Thermal Discharging
TWL068	12	'8052970_/_510522935'		8.2	10	10	1.64	10	10	3.2 No	1.64 Thermal Discharging
TWL068	13	'8052969_/_510522946'		7.6	10	10	1.64	10	10	3.2 No	1.64 Thermal Discharging
TWL068	14	'8052930_/_510522957'		7	10	10	1.64	10	10	3.2 No	1.64 Thermal Discharging
TWL068	15	'8052929_/_510522968'		6.5	10	10	1.64	10	10	3.2 No	1.64 Thermal Discharging
TWL068	16	'8365796_/_510522979'		6.2	10	10	1.64	10	10	3.2 No	1.64 Thermal Discharging
TWL068	17	'8995828_/_510522990'		5.8	10	10	1.64	10	10	3.2 No	1.64 Thermal Discharging
TWL068	18	'8052830_/_510523001'		5.5	10	10	1.64	10	10	3.2 No	1.64 Thermal Discharging
TWL068	19	'8052829_/_510523012'		5.3	10	10	1.64	10	10	3.2 No	1.64 Thermal Discharging
TWL068	20	'8365696_/_510523023'		5.1	10	10	1.64	10	10	3.2 No	1.64 Thermal Discharging
TWL068	21	'510523240_/_510523034_1'		5	10	10	1.64	10	10	3.2 No	1.64 Thermal Discharging
TWL068	22	'43779056_/_510523034_2'		5	10	10	1.64	10	10	3.2 No	1.64 Thermal Discharging
TWL068	23	'5786557_/_5786606'		5	10	10	1.64	10	10	3.2 No	1.64 Thermal Discharging
TWL068	24	'5786331_/_5794153'		4.9	10	10	1.64	10	10	3.2 No	1.64 Thermal Discharging
TWL068	25	'5763212_/_5786328'		4.8	10	10	1.64	10	10	3.2 No	1.64 Thermal Discharging
TWL068	26	'5786297_/_5786311'		4.8	10	10	1.64	10	10	3.2 No	1.64 Thermal Discharging
TWL068	27	'5763167_/_5763165_1'		1.57	3.33	3.33	0.55	0.5	3.33	1.07 No	0.5 Element Fault
TWL068	28	'5786280_/_5786294'		4.7	10	10	1.64	10	10	3.2 No	1.64 Thermal Discharging
TWL068	29	'5786206_/_5786277'		4.7	10	10	1.64	10	10	3.2 No	1.64 Thermal Discharging
TWL068	30	'5762684_/_5786203'		4.6	10	10	1.64	10	10	3.2 No	1.64 Thermal Discharging
TWL068	31	'5762551_/_5786220'		4.6	10	10	1.64	10	10	3.2 No	1.64 Thermal Discharging
TWL068	32	'5762671_/_5762682_1'		1.5	3.33	3.33	0.55	0.5	3.33	1.07 No	0.5 Element Fault
TWL068	33	'5769052_/_5791158'		4.5	10	10	1.64	10	10	3.2 No	1.64 Thermal Discharging
TWL068	34	'65560523_/_5762510_1'		1.5	3.33	3.33	0.55	1.2	3.33	1.07 No	0.55 Thermal Discharging
TWL068	35	'676443977_/_5762510_2'		1.5	3.33	3.33	0.55	0.5	3.33	1.07 No	0.5 Element Fault
TWL068	36	'5762672_/_5762682_2'		1.47	3.33	3.33	0.55	0.5	3.33	1.07 No	0.5 Element Fault
TWL068	37	'5787807_/_5787804'		4.5	10	10	1.64	10	10	3.2 No	1.64 Thermal Discharging
TWL068	38	'5787827_/_5787824'		4.4	10	10	1.64	10	10	3.2 No	1.64 Thermal Discharging
TWL068	39	'5762513_/_5762510_3'		1.47	3.33	3.33	0.55	0.5	3.33	1.07 No	0.5 Element Fault
TWL068	40	'5787844_/_5787841'		4.3	10	10	1.64	10	10	3.2 No	1.64 Thermal Discharging
TWL068	41	'5763168_/_5763165_2'		1.3	3.33	3.33	0.55	0.5	3.33	1.07 No	0.5 Element Fault
TWL068	42	'5787861_/_5787858'		4.3	10	10	1.64	10	10	3.2 No	1.64 Thermal Discharging
TWL068	43	'5787878_/_5787875'		4.2	10	10	1.64	10	10	3.2 No	1.64 Thermal Discharging
TWL068	44	'5787787_/_5787892'		4.2	9.8	10	1.64	10	10	3.2 No	1.64 Thermal Discharging
TWL068	45	'5766661_/_5769049_2'		1.37	3.23	3.33	0.55	1.1	3.33	1.07 No	0.55 Thermal Discharging
TWL068	46	'5750196_/_5787784'		4.1	9.7	10	1.64	10	10	3.2 No	1.64 Thermal Discharging
TWL068	47	'43780321_/_5750194'		4.1	9.6	10	1.64	10	10	3.2 No	1.64 Thermal Discharging
TWL068	48	'43779749_/_5769049_1'		1.33	3.17	3.33	0.55	0.5	3.33	1.07 No	0.5 Element Fault
TWL068	49	'5750214_/_5750211'		4.1	9.5	10	1.64	10	10	3.2 No	1.64 Thermal Discharging
TWL068	50	'43779451_/_5762523'		1.3	3.13	3.33	0.55	0.5	3.33	1.07 No	0.5 Element Fault
TWL068	51	'5750231_/_5750228'		4	9.3	10	1.64	10	10	3.2 No	1.64 Thermal Discharging
TWL068	52	'43778966_/_5762695'		1.27	3.03	3.33	0.55	0.5	3.33	1.07 No	0.5 Element Fault
TWL068	53	'43779001_/_5763223'		1.13	3.03	3.33	0.55	0.5	3.33	1.07 No	0.5 Element Fault
TWL068	54	'43779933_/_5766684'		1.37	3	3.33	0.55	1.1	3.33	1.07 No	0.55 Thermal Discharging
TWL068	55	'5766673_/_5766671_1'		1.33	2.97	3.33	0.55	0.5	3.33	1.07 No	0.5 Element Fault
TWL068	56	'5763184_/_5763181'		1.07	2.8	3.33	0.55	0.5	3.33	1.07 No	0.5 Element Fault
TWL068	57	'5750248_/_5750245'		3.6	8.2	10	1.64	10	10	3.2 No	1.64 Thermal Discharging
TWL068	58	'5750265_/_5750262'		3.6	8.1	10	1.64	10	10	3.2 No	1.64 Thermal Discharging
TWL068	59	'5762539_/_43779453'		1.13	2.7	3.33	0.55	0.5	3.33	1.07 No	0.5 Element Fault
TWL068	60	'5766660_/_5766658'		1.13	2.7	3.33	0.55	0.5	3.33	1.07 No	0.5 Element Fault
TWL068	61	'43780308_/_5750282'		3.6	8.1	10	1.64	10	10	3.2 No	1.64 Thermal Discharging
TWL068	62	'5766674_/_5766671_2'		1.2	2.67	3.33	0.55	0.5	3.33	1.07 No	0.5 Element Fault
TWL068	63	'5750302_/_43780310'		3.5	8	10	1.64	10	9.9	3.2 No	1.64 Thermal Discharging
TWL068	64	'5787736_/_5787750'		3.5	7.9	10	1.64	10	9.85	3.2 No	1.64 Thermal Discharging
TWL068	65	'5763197_/_5763194'		1	2.63	3.33	0.55	0.5	3.33	1.07 No	0.5 Element Fault
TWL068	66	'5787719_/_5787733'		3.5	7.8	10	1.64	10	9.77	3.2 No	1.64 Thermal Discharging
TWL068	67	'5762711_/_43778968'		1.07	2.6	3.33	0.55	0.5	3.33	1.07 No	0.5 Element Fault
TWL068	68	'5767490_/_5787716'		3.5	7.8	10	1.64	10	9.7	3.2 No	1.64 Thermal Discharging
TWL068	69	'5787701_/_5787699'		3.5	7.7	10	1.64	10	9.65	3.2 No	1.64 Thermal Discharging
TWL068	70	'5767474_/_5767471_2'		1.17	2.57	3.33	0.55	1.5	3.22	1.07 No	0.55 Thermal Discharging
TWL068	71	'5795774_/_5796193'		3.4	7.7	10	1.64	10	9.58	3.2 No	1.64 Thermal Discharging
TWL068	72	'5796162_/_5796176'		3.4	7.6	10	1.64	10	9.5	3.2 No	1.64 Thermal Discharging
TWL068	73	'5767435_/_5767432_2'		1.13	2.5	3.33	0.55	1.1	3.16	1.07 No	0.55 Thermal Discharging
TWL068	74	'5795761_/_5796159'		3.4	7.5	10	1.64	10	9.41	3.2 No	1.64 Thermal Discharging
TWL068	75	'5767461_/_5767471_1'		1.17	2.5	3.33	0.55	0.5	3.14	1.07 No	0.5 Element Fault
TWL068	76	'43780262_/_5795917'		1.17	2.5	3.33	0.55	1.2	3.15	1.07 No	0.55 Thermal Discharging
TWL068	77	'5767406_/_5767403_2'		1.13	2.47	3.33	0.55	1.5	3.12	1.07 No	0.55 Thermal Discharging
TWL068	78	'5767295_/_5796142'		3.4	7.4	10	1.64	10	9.31	3.2 No	1.64 Thermal Discharging
TWL068	79	'5765886_/_5765883'		1.03	2.47	3.33	0.55	0.5	3.29	1.07 No	0.5 Element Fault
TWL068	80	'5795920_/_5795930_1'		1.17	2.47	3.33	0.55	0.5	3.12	1.07 No	0.5 Element Fault
TWL068	81	'5767296_/_5767306_1'		1.13	2.47	3.33	0.55	0.5	3.08	1.07 No	0.5 Element Fault
TWL068	82	'5767860_/_5767870'		1.03	2.43	3.33	0.55	0.5	3.27	1.07 No	0.5 Element Fault
TWL068	83	'43780113_/_5787682'		3.3	7.3	10	1.64	10	9.22	3.2 No	1.64 Thermal Discharging
TWL068	84	'43780433_/_5767967'		1.03	2.43	3.33	0.55	0.5	3.26	1.07 No	0.5 Element Fault
TWL068	85	'5767259_/_5787767'		3.3	7.2	10	1.64	10	9.11	3.2 No	1.64 Thermal Discharging
TWL068	86	'5767393_/_5767403_1'		1.13	2.4	3.33	0.55	0.5	3.05	1.07 No	0.5 Element Fault
TWL068	87	'5787651_/_5787665'		3.3	7.2	10	1.64	10	9.05	3.2 No	1.64 Thermal Discharging
TWL068	88	'43784822_/_5793372'		1.07	2.37	3.33	0.55	0.5	3.15	1.07 No	0.5 Element Fault
TWL068	89	'5767309_/_5767306_2'		1.13	2.37	3.33	0.55	0.5	3.02	1.07 No	0.5 Element Fault
TWL068	90	'43780170_/_5767458'		1.13	2.37	3.33	0.55	0.5	3.03	1.07 No	0.5 Element Fault
TWL068	91	'449845897_/_5767275_1'		2.13	4.73	6.67	1.09	1	6	2.13 No	1 Element Fault

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
											VSR (MW)	Limiting Threshold
TWL068	92	'5787650_/_5787648'		3.3	7.1	10	1.64	10	8.97	3.2 No	1.64	Thermal Discharging
TWL068	93	'510523675_/_5795972_1'		3.1	7.1	10	1.64	1.5	9.2	3.2 No	1.5	Element Fault
TWL068	94	'5767422_/_5767432_1'		1.13	2.37	3.33	0.55	0.5	3.02	1.07 No	0.5	Element Fault
TWL068	95	'43780054_/_5796125'		3.2	7	10	1.64	10	8.9	3.2 No	1.64	Thermal Discharging
TWL068	96	'5762724_/_5762721'		0.97	2.33	3.33	0.55	0.5	3.18	1.07 No	0.5	Element Fault
TWL068	97	'5795531_/_5795554_1'		1.1	2.33	3.33	0.55	0.5	2.96	1.07 No	0.5	Element Fault
TWL068	98	'302358680_/_5795972_2'		3.1	7.1	10	1.64	1.5	9.12	3.2 No	1.5	Element Fault
TWL068	99	'5769103_/_5787631'		3.2	7	10	1.64	10	8.83	3.2 No	1.64	Thermal Discharging
TWL068	100	'5767068_/_5787614'		3.2	6.9	10	1.64	10	8.76	3.2 No	1.64	Thermal Discharging
TWL068	101	'5767325_/_5767335'		1.13	2.3	3.33	0.55	0.5	2.94	1.07 No	0.5	Element Fault
TWL068	102	'43780251_/_5795930_2'		1.07	2.3	3.33	0.55	0.5	2.97	1.07 No	0.5	Element Fault
TWL068	103	'5795543_/_5795554_2'		1.1	2.3	3.33	0.55	0.5	2.92	1.07 No	0.5	Element Fault
TWL068	104	'5765899_/_5765896'		0.97	2.3	3.33	0.55	0.5	3.12	1.07 No	0.5	Element Fault
TWL068	105	'5787583_/_5787597'		3.2	6.8	10	1.64	10	8.68	3.2 No	1.64	Thermal Discharging
TWL068	106	'43780148_/_5767390'		1.1	2.27	3.33	0.55	0.5	2.93	1.07 No	0.5	Element Fault
TWL068	107	'5767069_/_5767079_1'		1.07	2.27	3.33	0.55	0.5	2.89	1.07 No	0.5	Element Fault
TWL068	108	'5766857_/_5787580'		3.1	6.7	10	1.64	10	8.58	3.2 No	1.64	Thermal Discharging
TWL068	109	'43780444_/_5767857'		0.93	2.23	3.33	0.55	0.5	3.06	1.07 No	0.5	Element Fault
TWL068	110	'5767885_/_5767954'		0.93	2.23	3.33	0.55	0.5	3.05	1.07 No	0.5	Element Fault
TWL068	111	'5767192_/_5787563'		3.1	6.7	10	1.64	10	8.5	3.2 No	1.64	Thermal Discharging
TWL068	112	'43780067_/_5769101'		3.1	6.7	10	1.64	3.6	8.58	3.2 No	1.64	Thermal Discharging
TWL068	113	'5767421_/_5767419'		1.07	2.23	3.33	0.55	0.5	2.9	1.07 No	0.5	Element Fault
TWL068	114	'5767447_/_5767445'		1.07	2.2	3.33	0.55	0.5	2.89	1.07 No	0.5	Element Fault
TWL068	115	'5767082_/_5767079_2'		1.07	2.2	3.33	0.55	0.5	2.84	1.07 No	0.5	Element Fault
TWL068	116	'5769104_/_8365468_1'		3.1	6.7	10	1.64	1.5	8.55	3.2 No	1.5	Element Fault
TWL068	117	'5767176_/_43780045_2'		1.03	2.2	3.33	0.55	1.1	2.82	1.07 No	0.55	Thermal Discharging
TWL068	118	'5766858_/_5766855'		1.03	2.2	3.33	0.55	1.2	2.82	1.07 No	0.55	Thermal Discharging
TWL068	119	'43779595_/_43779597'		3.1	6.6	10	1.64	10	8.41	3.2 No	1.64	Thermal Discharging
TWL068	120	'5767278_/_5767275_2'		2	4.4	6.67	1.09	1	5.71	2.13 No	1	Element Fault
TWL068	121	'5766871_/_5766881_1'		1.03	2.17	3.33	0.55	0.5	2.8	1.07 No	0.5	Element Fault
TWL068	122	'8365470_/_8365468_2'		3	6.5	10	1.64	1.5	8.45	3.2 No	1.5	Element Fault
TWL068	123	'5765269_/_5787282'		3	6.5	10	1.64	10	8.32	3.2 No	1.64	Thermal Discharging
TWL068	124	'45176501_/_5793388'		0.97	2.17	3.33	0.55	0.5	2.94	1.07 No	0.5	Element Fault
TWL068	125	'787251_/_5787265'		3	6.5	10	1.64	10	8.25	3.2 No	1.64	Thermal Discharging
TWL068	126	'5765912_/_5765909'		0.9	2.17	3.33	0.55	0.5	2.98	1.07 No	0.5	Element Fault
TWL068	127	'43780284_/_5795592'		1	2.13	3.33	0.55	0.5	2.88	1.07 No	0.5	Element Fault
TWL068	128	'5795544_/_5795541'		1.1	2.13	3.33	0.55	0.5	2.8	1.07 No	0.5	Element Fault
TWL068	129	'5769123_/_5769121'		1.03	2.13	3.33	0.55	0.5	2.8	1.07 No	0.5	Element Fault
TWL068	130	'43780126_/_5767322'		1.13	2.13	3.33	0.55	0.5	2.8	1.07 No	0.5	Element Fault
TWL068	131	'5765801_/_5787248'		3	6.4	10	1.64	10	8.21	3.2 No	1.64	Thermal Discharging
TWL068	132	'5765802_/_5765799_1'		1	2.13	3.33	0.55	0.5	2.73	1.07 No	0.5	Element Fault
TWL068	133	'43779582_/_43779584'		3	6.4	10	1.64	4.7	8.21	3.2 No	1.64	Thermal Discharging
TWL068	134	'5765814_/_5765799_2'		1	2.13	3.33	0.55	0.5	2.72	1.07 No	0.5	Element Fault
TWL068	135	'5787233_/_5787231'		3	6.4	10	1.64	10	8.16	3.2 No	1.64	Thermal Discharging
TWL068	136	'5766884_/_5766881_2'		1.03	2.13	3.33	0.55	0.5	2.74	1.07 No	0.5	Element Fault
TWL068	137	'5765815_/_5765799_3'		1	2.13	3.33	0.55	0.5	2.71	1.07 No	0.5	Element Fault
TWL068	138	'5769090_/_43779610'		1	2.1	3.33	0.55	0.5	2.71	1.07 No	0.5	Element Fault
TWL068	139	'5750057_/_5762734'		0.87	2.1	3.33	0.55	0.5	2.95	1.07 No	0.5	Element Fault
TWL068	140	'5765252_/_7659441_1'		3	6.3	10	1.64	1.5	8.16	3.2 No	1.5	Element Fault
TWL068	141	'5767095_/_5767092'		1.07	2.1	3.33	0.55	0.5	2.75	1.07 No	0.5	Element Fault
TWL068	142	'43779630_/_43779632'		3	6.3	10	1.64	10	8.08	3.2 No	1.64	Thermal Discharging
TWL068	143	'5765828_/_5765825'		1	2.1	3.33	0.55	0.5	2.67	1.07 No	0.5	Element Fault
TWL068	144	'43779966_/_5766881_3'		1.03	2.1	3.33	0.55	0.5	2.72	1.07 No	0.5	Element Fault
TWL068	145	'43780043_/_43780045_1'		0.97	2.07	3.33	0.55	0.5	2.7	1.07 No	0.5	Element Fault
TWL068	146	'5767350_/_5767348'		1.13	2.07	3.33	0.55	0.5	2.74	1.07 No	0.5	Element Fault
TWL068	147	'5765743_/_5787299'		3	6.2	10	1.64	10	7.99	3.2 No	1.64	Thermal Discharging
TWL068	148	'5765744_/_5765754_1'		0.97	2.07	3.33	0.55	0.5	2.65	1.07 No	0.5	Element Fault
TWL068	149	'44780619_/_5795943'		0.97	2.07	3.33	0.55	0.5	2.75	1.07 No	0.5	Element Fault
TWL068	150	'43780422_/_5767883'		0.87	2.07	3.33	0.55	0.5	2.86	1.07 No	0.5	Element Fault
TWL068	151	'633135056_/_7659441_2'		2.9	6.2	10	1.64	1.5	8.01	3.2 No	1.5	Element Fault
TWL068	152	'5787200_/_5787214'		2.9	6.2	10	1.64	10	7.91	3.2 No	1.64	Thermal Discharging
TWL068	153	'5795570_/_5795567'		1.1	2.03	3.33	0.55	0.5	2.7	1.07 No	0.5	Element Fault
TWL068	154	'5765772_/_5787197'		2.9	6.1	10	1.64	10	7.84	3.2 No	1.64	Thermal Discharging
TWL068	155	'5767834_/_5767844'		0.87	2.03	3.33	0.55	0.5	2.83	1.07 No	0.5	Element Fault
TWL068	156	'5765476_/_5787180'		2.9	6	10	1.64	10	7.77	3.2 No	1.64	Thermal Discharging
TWL068	157	'43779654_/_5765754_2'		0.97	2	3.33	0.55	0.5	2.6	1.07 No	0.5	Element Fault
TWL068	158	'5787075_/_5787089'		2.9	6	10	1.64	10	7.74	3.2 No	1.64	Thermal Discharging
TWL068	159	'5765489_/_5787163'		2.9	6	10	1.64	10	7.72	3.2 No	1.64	Thermal Discharging
TWL068	160	'5787132_/_5787146'		2.9	6	10	1.64	10	7.69	3.2 No	1.64	Thermal Discharging
TWL068	161	'5787931_/_9309624_1'		2.9	6	10	1.64	10	7.69	3.2 No	1.64	Thermal Discharging
TWL068	162	'5765477_/_5793103_1'		0.97	2	3.33	0.55	0.5	2.57	1.07 No	0.5	Element Fault
TWL068	163	'8053070_/_9309624_2'		2.9	6	10	1.64	10	7.65	3.2 No	1.64	Thermal Discharging
TWL068	164	'5765490_/_5793119_1'		2.9	5.9	10	1.64	1.5	7.65	3.2 No	1.5	Element Fault
TWL068	165	'43779571_/_5765267'		1	1.97	3.33	0.55	0.9	2.6	1.07 No	0.55	Thermal Discharging
TWL068	166	'43779665_/_5765770'		0.93	1.97	3.33	0.55	1.1	2.54	1.07 No	0.55	Thermal Discharging
TWL068	167	'5767150_/_5767160'		0.9	1.93	3.33	0.55	0.5	2.58	1.07 No	0.5	Element Fault
TWL068	168	'5787131_/_345533981_2'		2.8	5.8	10	1.64	4.7	7.57	3.2 No	1.64	Thermal Discharging
TWL068	169	'345533983_/_345533981_1'		2.8	5.8	10	1.64	4.7	7.57	3.2 No	1.64	Thermal Discharging
TWL068	170	'5765270_/_5765280_1'		0.97	1.93	3.33	0.55	0.5	2.57	1.07 No	0.5	Element Fault
TWL068	171	'5765773_/_5765783_1'		0.93	1.93	3.33	0.55	0.5	2.52	1.07 No	0.5	Element Fault
TWL068	172	'357649364_/_357649242_1'		0.93	1.93	3.33	0.55	0.5	2.52	1.07 No	0.5	Element Fault
TWL068	173	'5765757_/_43779656'		0.93	1.93	3.33	0.55	0.5	2.53	1.07 No	0.5	Element Fault
TWL068	174	'5787112_/_5793191_2'		2.8	5.8	10	1.64	4.7	7.54	3.2 No	1.64	Thermal Discharging
TWL068	175	'43779999_/_5767105'		1.07	1.93	3.33	0.55	0.5	2.58	1.07 No	0.5	Element Fault
TWL068	176	'5765705_/_5793191_1'		2.8	5.8	10	1.64	1.5	7.52	3.2 No	1.5	Element Fault
TWL068	177	'5767364_/_5767377'		1.07	1.93	3.33	0.55	0.5	2.59	1.07 No	0.5	Element Fault
TWL068	178	'5750058_/_5750055'		0.8	1.93	3.33	0.55	0.5	2.73	1.07 No	0.5	Element Fault
TWL068	179	'7659444_/_633135080'		2.7	5.8	10	1.64	1.5	7.66	3.2 No	1.5	Element Fault
TWL068	180	'8053050_/_8053067'		2.8	5.8	10	1.64	10	7.5	3.2 No	1.64	Thermal Discharging
TWL068	181	'5766897_/_43779968'		0.97	1.93	3.33	0.55	0.5	2.56	1.07 No	0.5	Element Fault
TWL068	182	'5793122_/_5793119_2'		2.8	5.7	10	1.64	1.5	7.49	3.2 No	1.5	Element Fault
TWL068	183	'5767899_/_43780424'		0.8	1.9	3.33	0.55	0.5	2.68	1.07 No	0.5	Element Fault
TWL068	184	'43780010_/_5795580'		1.07	1.87	3.33	0.55	0.5	2.54	1.07 No	0.5	Element Fault
TWL068	185	'8053049_/_8053047'		2.8	5.6	10	1.64	10	7.36	3.2 No	1.64	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
											VSR (MW)	Limiting Threshold
TWL068	186	'5793106_/_5793103_2'		0.9	1.87	3.33	0.55	0.5	2.47	1.07 No	0.5	Element Fault
TWL068	187	'5793158_/_5793155'		2.7	5.6	10	1.64	1.5	7.37	3.2 No	1.5	Element Fault
TWL068	188	'8995987_/_8995985'		2.8	5.6	10	1.64	10	7.32	3.2 No	1.64	Thermal Discharging
TWL068	189	'5793142_/_43784776'		0.93	1.87	3.33	0.55	0.5	2.45	1.07 No	0.5	Element Fault
TWL068	190	'5767821_/_5767831'		0.8	1.87	3.33	0.55	0.5	2.64	1.07 No	0.5	Element Fault
TWL068	191	'5765786_/_5765783_2'		0.87	1.83	3.33	0.55	0.5	2.44	1.07 No	0.5	Element Fault
TWL068	192	'5796008_/_5796005'		0.87	1.83	3.33	0.55	0.5	2.57	1.07 No	0.5	Element Fault
TWL068	193	'8365936_/_9309764'		2.8	5.4	10	1.64	10	7.18	3.2 No	1.64	Thermal Discharging
TWL068	194	'5767808_/_5767818'		0.77	1.8	3.33	0.55	0.5	2.59	1.07 No	0.5	Element Fault
TWL068	195	'380648825_/_5767980_1'		0.77	1.8	3.33	0.55	0.2	2.58	1.07 No	0.2	Element Fault
TWL068	196	'5767121_/_5767118'		1.03	1.8	3.33	0.55	0.5	2.45	1.07 No	0.5	Element Fault
TWL068	197	'5766910_/_5766907'		0.9	1.8	3.33	0.55	0.5	2.43	1.07 No	0.5	Element Fault
TWL068	198	'5794139_/_5794136'		2.6	5.4	10	1.64	1.5	7.16	3.2 No	1.5	Element Fault
TWL068	199	'5767912_/_5767909'		0.77	1.77	3.33	0.55	0.5	2.55	1.07 No	0.5	Element Fault
TWL068	200	'7730637_/_8991871_1'		2.6	5.3	10	1.64	0.9	7.13	3.2 No	0.9	Element Fault
TWL068	201	'43780137_/_43780139'		1	1.77	3.33	0.55	0.5	2.43	1.07 No	0.5	Element Fault
TWL068	202	'5767149_/_5767147'		0.83	1.77	3.33	0.55	0.5	2.4	1.07 No	0.5	Element Fault
TWL068	203	'7730638_/_8991871_2'		2.6	5.3	10	1.64	0.9	7.1	3.2 No	0.9	Element Fault
TWL068	204	'7415854_/_8365934'		2.7	5.3	10	1.64	10	7.02	3.2 No	1.64	Thermal Discharging
TWL068	205	'7415288_/_357649242_2'		0.93	1.77	3.33	0.55	0.5	2.35	1.07 No	0.5	Element Fault
TWL068	206	'44685258_/_5795596'		1	1.77	3.33	0.55	0.5	2.41	1.07 No	0.5	Element Fault
TWL068	207	'43784763_/_5794123'		0.83	1.73	3.33	0.55	0.5	2.34	1.07 No	0.5	Element Fault
TWL068	208	'7415853_/_7415851'		2.7	5.2	10	1.64	10	6.88	3.2 No	1.64	Thermal Discharging
TWL068	209	'7730017_/_7730015'		2.7	5.1	10	1.64	10	6.86	3.2 No	1.64	Thermal Discharging
TWL068	210	'8053752_/_8678642'		2.7	5.1	10	1.64	10	6.78	3.2 No	1.64	Thermal Discharging
TWL068	211	'5767137_/_5767134'		0.97	1.67	3.33	0.55	0.5	2.33	1.07 No	0.5	Element Fault
TWL068	212	'5768291_/_5768301'		0.7	1.67	3.33	0.55	0.5	2.43	1.07 No	0.5	Element Fault
TWL068	213	'5768317_/_5768314'		0.7	1.67	3.33	0.55	0.5	2.43	1.07 No	0.5	Element Fault
TWL068	214	'5794193_/_43784765'		0.8	1.67	3.33	0.55	0.5	2.27	1.07 No	0.5	Element Fault
TWL068	215	'43780455_/_43780457'		0.7	1.67	3.33	0.55	0.5	2.42	1.07 No	0.5	Element Fault
TWL068	216	'5767983_/_5767980_2'		0.7	1.67	3.33	0.55	0.2	2.42	1.07 No	0.2	Element Fault
TWL068	217	'43779955_/_5792266'		0.83	1.67	3.33	0.55	0.5	2.3	1.07 No	0.5	Element Fault
TWL068	218	'8053772_/_8053769'		2.4	5	10	1.64	0.9	6.79	3.2 No	0.9	Element Fault
TWL068	219	'8053751_/_8053749'		2.7	4.9	10	1.64	10	6.66	3.2 No	1.64	Thermal Discharging
TWL068	220	'5768119_/_5768116'		0.77	1.63	3.33	0.55	0.5	2.28	1.07 No	0.5	Element Fault
TWL068	221	'120442934_/_9622869'		2.7	4.9	10	1.64	10	6.65	3.2 No	1.64	Thermal Discharging
TWL068	222	'120442658_/_120443218'		2.6	4.9	10	1.64	10	6.62	3.2 No	1.64	Thermal Discharging
TWL068	223	'120442645_/_120442655'		2.6	4.9	10	1.64	10	6.62	3.2 No	1.64	Thermal Discharging
TWL068	224	'120442644_/_120442641'		2.6	4.9	10	1.64	5.2	6.62	3.2 No	1.64	Thermal Discharging
TWL068	225	'120442665_/_120442662'		2.6	4.9	10	1.64	10	6.62	3.2 No	1.64	Thermal Discharging
TWL068	226	'5796021_/_5796018_1'		0.77	1.63	3.33	0.55	0.5	2.34	1.07 No	0.5	Element Fault
TWL068	227	'5768265_/_5768826'		0.93	1.63	3.33	0.55	0.5	2.27	1.07 No	0.5	Element Fault
TWL068	228	'5794206_/_5794203'		0.77	1.63	3.33	0.55	0.5	2.21	1.07 No	0.5	Element Fault
TWL068	229	'5765283_/_5765280_2'		0.83	1.6	3.33	0.55	0.5	2.25	1.07 No	0.5	Element Fault
TWL068	230	'43780273_/_5796018_2'		0.77	1.6	3.33	0.55	0.5	2.31	1.07 No	0.5	Element Fault
TWL068	231	'120442733_/_120442887'		2.6	4.8	10	1.64	5.2	6.49	3.2 No	1.64	Thermal Discharging
TWL068	232	'120442732_/_120442729'		2.6	4.8	10	1.64	5.2	6.49	3.2 No	1.64	Thermal Discharging
TWL068	233	'120442740_/_120442736'		2.6	4.8	10	1.64	5.2	6.49	3.2 No	1.64	Thermal Discharging
TWL068	234	'120442747_/_120442743'		2.6	4.8	10	1.64	5.2	6.49	3.2 No	1.64	Thermal Discharging
TWL068	235	'120442754_/_120442750'		2.6	4.8	10	1.64	5.2	6.49	3.2 No	1.64	Thermal Discharging
TWL068	236	'5793180_/_5794216'		0.77	1.6	3.33	0.55	0.5	2.18	1.07 No	0.5	Element Fault
TWL068	237	'120445012_/_120445053'		2.6	4.8	10	1.64	5.2	6.47	3.2 No	1.64	Thermal Discharging
TWL068	238	'5766922_/_5792279'		0.8	1.57	3.33	0.55	0.5	2.2	1.07 No	0.5	Element Fault
TWL068	239	'5767999_/_5767996'		0.67	1.57	3.33	0.55	0.2	2.31	1.07 No	0.2	Element Fault
TWL068	240	'8053791_/_8053789'		2.3	4.7	10	1.64	0.9	6.51	3.2 No	0.9	Element Fault
TWL068	241	'5767928_/_5767925'		0.67	1.57	3.33	0.55	0.5	2.31	1.07 No	0.5	Element Fault
TWL068	242	'120442830_/_120442868'		2.5	4.6	10	1.64	5.2	6.36	3.2 No	1.64	Thermal Discharging
TWL068	243	'5767769_/_5768288'		0.67	1.53	3.33	0.55	0.5	2.28	1.07 No	0.5	Element Fault
TWL068	244	'5767807_/_5767805'		0.67	1.53	3.33	0.55	0.5	2.28	1.07 No	0.5	Element Fault
TWL068	245	'417938302_/_5768262_2'		0.87	1.53	3.33	0.55	0.5	2.18	1.07 No	0.5	Element Fault
TWL068	246	'5768239_/_5768262_1'		0.87	1.53	3.33	0.55	0.3	2.16	1.07 No	0.3	Element Fault
TWL068	247	'5766923_/_5766920'		0.77	1.53	3.33	0.55	0.5	2.14	1.07 No	0.5	Element Fault
TWL068	248	'129143909_/_120443156_2'		2.5	4.5	10	1.64	10	6.24	3.2 No	1.64	Thermal Discharging
TWL068	249	'118186999_/_120443156_1'		2.5	4.5	10	1.64	10	6.23	3.2 No	1.64	Thermal Discharging
TWL068	250	'118187050_/_118187001'		2.5	4.5	10	1.64	10	6.22	3.2 No	1.64	Thermal Discharging
TWL068	251	'5769181_/_118187052'		2.5	4.5	10	1.64	10	6.2	3.2 No	1.64	Thermal Discharging
TWL068	252	'120284345_/_120284326_2'		2.5	4.5	10	1.64	5.5	6.19	3.2 No	1.64	Thermal Discharging
TWL068	253	'117482357_/_117482146_1'		0.63	1.47	3.33	0.55	0.5	2.14	1.07 No	0.5	Element Fault
TWL068	254	'5765059_/_5793178'		0.73	1.5	3.33	0.55	0.5	2.08	1.07 No	0.5	Element Fault
TWL068	255	'120442428_/_120442845'		2.4	4.5	10	1.64	5.2	6.19	3.2 No	1.64	Thermal Discharging
TWL068	256	'120442420_/_120442424'		2.4	4.5	10	1.64	5.2	6.19	3.2 No	1.64	Thermal Discharging
TWL068	257	'120442442_/_120442438'		2.4	4.5	10	1.64	2.5	6.19	3.2 No	1.64	Thermal Discharging
TWL068	258	'120442421_/_120442417'		2.4	4.5	10	1.64	1.5	6.19	3.2 No	1.5	Element Fault
TWL068	259	'120442435_/_120442431'		2.4	4.5	10	1.64	5.2	6.19	3.2 No	1.64	Thermal Discharging
TWL068	260	'43780679_/_5788099'		2.5	4.5	10	1.64	10	6.16	3.2 No	1.64	Thermal Discharging
TWL068	261	'282800777_/_5798196'		2.5	4.5	10	1.64	5.8	6.14	3.2 No	1.64	Thermal Discharging
TWL068	262	'5769166_/_43780681'		2.5	4.5	10	1.64	10	6.12	3.2 No	1.64	Thermal Discharging
TWL068	263	'43785038_/_5797283'		0.63	1.47	3.33	0.55	0.2	2.2	1.07 No	0.2	Element Fault
TWL068	264	'5769165_/_5770164_1'		2.5	4.4	10	1.64	2.6	6.11	3.2 No	1.64	Thermal Discharging
TWL068	265	'5798199_/_9623049_1'		2.5	4.5	10	1.64	1.5	6.12	3.2 No	1.5	Element Fault
TWL068	266	'5767756_/_5767766'		0.63	1.47	3.33	0.55	0.5	2.19	1.07 No	0.5	Element Fault
TWL068	267	'5769198_/_43780694_1'		2.5	4.4	10	1.64	1.5	6.12	3.2 No	1.5	Element Fault
TWL068	268	'5789734_/_5791181'		2.4	4.4	10	1.64	10	6.09	3.2 No	1.64	Thermal Discharging
TWL068	269	'5789735_/_5789732_1'		2.4	4.4	10	1.64	10	6.09	3.2 No	1.64	Thermal Discharging
TWL068	270	'5788821_/_5789766'		2.4	4.4	10	1.64	10	6.09	3.2 No	1.64	Thermal Discharging
TWL068	271	'712692500_/_51820537'		2.4	4.4	10	1.64	2.5	6.13	3.2 No	1.64	Thermal Discharging
TWL068	272	'5766936_/_5766933'		0.73	1.47	3.33	0.55	0.5	2.09	1.07 No	0.5	Element Fault
TWL068	273	'5768252_/_5768275'		0.63	1.47	3.33	0.55	0.5	2.18	1.07 No	0.5	Element Fault
TWL068	274	'5781620_/_5788819'		2.4	4.4	10	1.64	10	6.06	3.2 No	1.64	Thermal Discharging
TWL068	275	'5781621_/_5781635_1'		2.4	4.4	10	1.64	1.5	6.05	3.2 No	1.5	Element Fault
TWL068	276	'5768132_/_5768129'		0.63	1.47	3.33	0.55	0.5	2.17	1.07 No	0.5	Element Fault
TWL068	277	'282800737_/_5770164_2'		2.4	4.4	10	1.64	2.6	6.04	3.2 No	1.64	Thermal Discharging
TWL068	278	'136446544_/_5789576_1'		2.4	4.4	10	1.64	10	6.02	3.2 No	1.64	Thermal Discharging
TWL068	279	'5769182_/_5769179'		2.4	4.4	10	1.64	3.7	6.06	3.2 No	1.64	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TWL068	280	'120443981_/120442908'	2.4	4.4	10	1.64	5.2	6.07	3.2 No	1.64	Thermal Discharging
TWL068	281	'120443959_/120443977'	2.4	4.4	10	1.64	5.2	6.07	3.2 No	1.64	Thermal Discharging
TWL068	282	'43782958_/5789576_2'	2.4	4.4	10	1.64	10	6.01	3.2 No	1.64	Thermal Discharging
TWL068	283	'120443967_/120443963'	2.4	4.4	10	1.64	5.2	6.07	3.2 No	1.64	Thermal Discharging
TWL068	284	'120443960_/120443956'	2.4	4.4	10	1.64	5.2	6.07	3.2 No	1.64	Thermal Discharging
TWL068	285	'120443974_/120443970'	2.4	4.4	10	1.64	5.2	6.07	3.2 No	1.64	Thermal Discharging
TWL068	286	'5770167_/7659461_1'	2.4	4.4	10	1.64	1.7	6.03	3.2 No	1.64	Thermal Discharging
TWL068	287	'5781638_/5781635_2'	2.4	4.4	10	1.64	1.5	6.02	3.2 No	1.5	Element Fault
TWL068	288	'5767781_/5767792'	0.63	1.47	3.33	0.55	0.5	2.16	1.07 No	0.5	Element Fault
TWL068	289	'5765296_/5765293'	0.73	1.47	3.33	0.55	0.5	2.08	1.07 No	0.5	Element Fault
TWL068	290	'5750183_/5767938'	0.63	1.47	3.33	0.55	0.5	2.17	1.07 No	0.5	Element Fault
TWL068	291	'5767623_/5768249'	0.83	1.43	3.33	0.55	0.3	2.08	1.07 No	0.3	Element Fault
TWL068	292	'5784298_/5789593'	2.4	4.3	10	1.64	10	5.98	3.2 No	1.64	Thermal Discharging
TWL068	293	'120445158_/120445103_2'	2.4	4.3	10	1.64	5.2	6.05	3.2 No	1.64	Thermal Discharging
TWL068	294	'5794038_/120445103_1'	2.4	4.3	10	1.64	2.5	6.05	3.2 No	1.64	Thermal Discharging
TWL068	295	'5768226_/5768236'	0.83	1.43	3.33	0.55	0.3	2.08	1.07 No	0.3	Element Fault
TWL068	296	'5769236_/5769233_1'	2.4	4.3	10	1.64	3.4	6.03	3.2 No	1.64	Thermal Discharging
TWL068	297	'614947479_/614947579'	2.4	4.3	10	1.64	2.5	6.02	3.2 No	1.64	Thermal Discharging
TWL068	298	'5789785_/5791201'	2.4	4.3	10	1.64	10	5.93	3.2 No	1.64	Thermal Discharging
TWL068	299	'5795962_/43780275'	0.67	1.43	3.33	0.55	0.5	2.11	1.07 No	0.5	Element Fault
TWL068	300	'5783000_/5789783'	2.4	4.3	10	1.64	10	5.91	3.2 No	1.64	Thermal Discharging
TWL068	301	'9622912_/597001613'	2.4	4.3	10	1.64	5.2	5.98	3.2 No	1.64	Thermal Discharging
TWL068	302	'5765046_/5765056'	0.7	1.43	3.33	0.55	0.5	2	1.07 No	0.5	Element Fault
TWL068	303	'628064585_/628064602'	2.3	4.3	10	1.64	5.2	5.98	3.2 No	1.64	Thermal Discharging
TWL068	304	'5782999_/5782997_2'	2.4	4.3	10	1.64	3.7	5.89	3.2 No	1.64	Thermal Discharging
TWL068	305	'5783305_/5790296'	2.4	4.3	10	1.64	10	5.87	3.2 No	1.64	Thermal Discharging
TWL068	306	'5794039_/5794036'	2.3	4.3	10	1.64	2.5	5.95	3.2 No	1.64	Thermal Discharging
TWL068	307	'8679293_/9623049_2'	2.4	4.3	10	1.64	1.5	5.93	3.2 No	1.5	Element Fault
TWL068	308	'5783304_/43784272_1'	1.6	2.87	6.67	1.09	1	3.9	2.13 No	1	Element Fault
TWL068	309	'117686854_/56599280_1'	2.1	3.8	10	1.64	0.6	5.92	3.2 No	0.6	Element Fault
TWL068	310	'5790316_/5790313'	2.3	4.2	10	1.64	10	5.83	3.2 No	1.64	Thermal Discharging
TWL068	311	'7659463_/7659461_2'	2.3	4.2	10	1.64	1.7	5.88	3.2 No	1.64	Thermal Discharging
TWL068	312	'5765072_/5765069'	0.67	1.4	3.33	0.55	0.5	1.98	1.07 No	0.5	Element Fault
TWL068	313	'120444450_/120444454'	2.3	4.2	10	1.64	5.2	5.91	3.2 No	1.64	Thermal Discharging
TWL068	314	'553251222_/43784140'	2.3	4.2	10	1.64	4.7	5.84	3.2 No	1.64	Thermal Discharging
TWL068	315	'712692518_/614947563'	2.3	4.2	10	1.64	2.5	5.9	3.2 No	1.64	Thermal Discharging
TWL068	316	'43784211_/5790330'	2.3	4.2	10	1.64	10	5.79	3.2 No	1.64	Thermal Discharging
TWL068	317	'5769199_/43780694_2'	2.3	4.2	10	1.64	1.5	5.88	3.2 No	1.5	Element Fault
TWL068	318	'43780389_/5767753'	0.6	1.4	3.33	0.55	0.5	2.09	1.07 No	0.5	Element Fault
TWL068	319	'573016533_/553251180_2'	2.3	4.2	10	1.64	4.7	5.82	3.2 No	1.64	Thermal Discharging
TWL068	320	'5781655_/5781652'	2.3	4.2	10	1.64	1.5	5.82	3.2 No	1.5	Element Fault
TWL068	321	'43781022_/5769233_2'	2.3	4.2	10	1.64	3.4	5.86	3.2 No	1.64	Thermal Discharging
TWL068	322	'43784257_/43784219'	2.3	4.2	10	1.64	10	5.74	3.2 No	1.64	Thermal Discharging
TWL068	323	'43779944_/5766949'	0.7	1.4	3.33	0.55	0.5	1.99	1.07 No	0.5	Element Fault
TWL068	324	'5768011_/43785040'	0.6	1.4	3.33	0.55	0.2	2.07	1.07 No	0.2	Element Fault
TWL068	325	'5765045_/5765043'	0.67	1.4	3.33	0.55	0.5	1.96	1.07 No	0.5	Element Fault
TWL068	326	'102591486_/573016616'	2.3	4.1	10	1.64	4.7	5.77	3.2 No	1.64	Thermal Discharging
TWL068	327	'5790367_/5790364'	2.3	4.1	10	1.64	10	5.7	3.2 No	1.64	Thermal Discharging
TWL068	328	'5783020_/5782997_1'	2.3	4.1	10	1.64	1.7	5.74	3.2 No	1.64	Thermal Discharging
TWL068	329	'40916619_/49239038'	1.53	2.73	6.67	1.09	2.3	3.82	2.13 No	1.09	Thermal Discharging
TWL068	330	'43781059_/120284326_1'	2.3	4.1	10	1.64	3.4	5.79	3.2 No	1.64	Thermal Discharging
TWL068	331	'5767610_/5767620'	0.77	1.37	3.33	0.55	0.3	1.99	1.07 No	0.3	Element Fault
TWL068	332	'5783323_/43784272_2'	1.53	2.73	6.67	1.09	1	3.81	2.13 No	1	Element Fault
TWL068	333	'5791005_/5791002'	2.3	4.1	10	1.64	10	5.67	3.2 No	1.64	Thermal Discharging
TWL068	334	'9309222_/9309220_2'	2.3	4.1	10	1.64	1.7	5.74	3.2 No	1.64	Thermal Discharging
TWL068	335	'5783801_/5791019'	2.3	4.1	10	1.64	10	5.64	3.2 No	1.64	Thermal Discharging
TWL068	336	'5769303_/9309220_1'	2.3	4.1	10	1.64	1.1	5.72	3.2 No	1.1	Element Fault
TWL068	337	'51820530_/614947501'	2.2	4.1	10	1.64	2.5	5.76	3.2 No	1.64	Thermal Discharging
TWL068	338	'43780159_/5767779'	0.57	1.37	3.33	0.55	0.5	2.04	1.07 No	0.5	Element Fault
TWL068	339	'5783802_/5783817_1'	1.53	2.73	6.67	1.09	1	3.75	2.13 No	1	Element Fault
TWL068	340	'7415577_/553251180_1'	2.3	4.1	10	1.64	1.5	5.69	3.2 No	1.5	Element Fault
TWL068	341	'5791039_/5791036'	2.2	4.1	10	1.64	10	5.61	3.2 No	1.64	Thermal Discharging
TWL068	342	'5750413_/5768223'	0.77	1.33	3.33	0.55	0.3	1.96	1.07 No	0.3	Element Fault
TWL068	343	'5791056_/5791053'	2.2	4	10	1.64	10	5.58	3.2 No	1.64	Thermal Discharging
TWL068	344	'5777605_/5794056'	2.2	4	10	1.64	2.5	5.72	3.2 No	1.64	Thermal Discharging
TWL068	345	'51820563_/51820570'	2.2	4	10	1.64	2.5	5.71	3.2 No	1.64	Thermal Discharging
TWL068	346	'72033919_/5777603_1'	2.2	4	10	1.64	1.5	5.7	3.2 No	1.5	Element Fault
TWL068	347	'5783636_/5791070'	2.2	4	10	1.64	10	5.54	3.2 No	1.64	Thermal Discharging
TWL068	348	'5769320_/5769317'	2.2	4	10	1.64	1.1	5.65	3.2 No	1.1	Element Fault
TWL068	349	'120444647_/120444683'	2.2	4	10	1.64	5.2	5.68	3.2 No	1.64	Thermal Discharging
TWL068	350	'94727543_/89871558_1'	2.2	4	10	1.64	1.5	5.53	3.2 No	1.5	Element Fault
TWL068	351	'7659483_/7659481_1'	2.2	4	10	1.64	0.6	5.63	3.2 No	0.6	Element Fault
TWL068	352	'5765309_/5765306'	0.67	1.33	3.33	0.55	0.5	1.94	1.07 No	0.5	Element Fault
TWL068	353	'5793501_/5793498'	2.2	4	10	1.64	10	5.51	3.2 No	1.64	Thermal Discharging
TWL068	354	'43779462_/43779464'	2.2	4	10	1.64	1.1	5.62	3.2 No	1.1	Element Fault
TWL068	355	'5793535_/5793566_1'	2.2	4	10	1.64	1.5	5.51	3.2 No	1.5	Element Fault
TWL068	356	'43784230_/5783034'	2.2	4	10	1.64	1.7	5.59	3.2 No	1.64	Thermal Discharging
TWL068	357	'5784165_/8052627_1'	2.2	4	10	1.64	0.6	5.61	3.2 No	0.6	Element Fault
TWL068	358	'5769285_/5769283'	2.2	4	10	1.64	3.4	5.64	3.2 No	1.64	Thermal Discharging
TWL068	359	'120444700_/120444704'	1.47	2.67	6.67	1.09	3.47	3.73	2.13 No	1.09	Thermal Discharging
TWL068	360	'43780181_/5750181'	0.57	1.33	3.33	0.55	0.5	2.01	1.07 No	0.5	Element Fault
TWL068	361	'5769302_/5769300'	2.2	4	10	1.64	1.1	5.6	3.2 No	1.1	Element Fault
TWL068	362	'43779643_/5765082'	0.63	1.33	3.33	0.55	0.5	1.89	1.07 No	0.5	Element Fault
TWL068	363	'5767204_/5795959'	0.63	1.33	3.33	0.55	0.5	1.98	1.07 No	0.5	Element Fault
TWL068	364	'43782503_/5777603_2'	2.2	4	10	1.64	1.5	5.63	3.2 No	1.5	Element Fault
TWL068	365	'5793517_/5793603'	2.2	4	10	1.64	10	5.47	3.2 No	1.64	Thermal Discharging
TWL068	366	'5783820_/5783817_2'	1.47	2.67	6.67	1.09	1	3.66	2.13 No	1	Element Fault
TWL068	367	'5766965_/5766962'	0.67	1.3	3.33	0.55	0.5	1.91	1.07 No	0.5	Element Fault
TWL068	368	'5793551_/5793566_2'	2.2	3.9	10	1.64	1.5	5.47	3.2 No	1.5	Element Fault
TWL068	369	'5767730_/5767740'	0.57	1.3	3.33	0.55	0.5	1.98	1.07 No	0.5	Element Fault
TWL068	370	'9309243_/9622045'	2.2	3.9	10	1.64	3.4	5.58	3.2 No	1.64	Thermal Discharging
TWL068	371	'43784282_/5793515'	2.2	3.9	10	1.64	10	5.44	3.2 No	1.64	Thermal Discharging
TWL068	372	'43780466_/5768009'	0.57	1.3	3.33	0.55	0.2	1.97	1.07 No	0.2	Element Fault
TWL068	373	'8365679_/9310300_1'	1.47	2.6	6.67	1.09	1	3.64	2.13 No	1	Element Fault

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TWL068	374	'43780356_/5767607'	0.73	1.3	3.33	0.55	0.3	1.91	1.07 No	0.3	Element Fault
TWL068	375	'5793484_/43784284'	2.2	3.9	10	1.64	10	5.4	3.2 No	1.64	Thermal Discharging
TWL068	376	'43781149_/5769932'	2.2	3.9	10	1.64	1.1	5.53	3.2 No	1.1	Element Fault
TWL068	377	'5750400_/5750410'	0.73	1.3	3.33	0.55	0.3	1.9	1.07 No	0.3	Element Fault
TWL068	378	'5825955_/7102031'	2.1	3.9	10	1.64	10	5.37	3.2 No	1.64	Thermal Discharging
TWL068	379	'5777563_/5777560'	2.1	3.9	10	1.64	1.5	5.55	3.2 No	1.5	Element Fault
TWL068	380	'7659484_/7659481_2'	2.1	3.9	10	1.64	0.6	5.51	3.2 No	0.6	Element Fault
TWL068	381	'5793552_/5793549'	2.1	3.9	10	1.64	1.5	5.39	3.2 No	1.5	Element Fault
TWL068	382	'5767205_/5767202'	0.6	1.3	3.33	0.55	0.5	1.94	1.07 No	0.5	Element Fault
TWL068	383	'7789155_/7789153_1'	2.1	3.9	10	1.64	1.5	5.36	3.2 No	1.5	Element Fault
TWL068	384	'5766978_/5766975'	0.63	1.3	3.33	0.55	0.5	1.88	1.07 No	0.5	Element Fault
TWL068	385	'56599243_/56599253'	2.1	3.9	10	1.64	0.6	5.5	3.2 No	0.6	Element Fault
TWL068	386	'8679173_/8679190_1'	2.1	3.9	10	1.64	0.9	5.38	3.2 No	0.9	Element Fault
TWL068	387	'43788353_/5825953'	2.1	3.9	10	1.64	10	5.34	3.2 No	1.64	Thermal Discharging
TWL068	388	'43780655_/43780657'	2.2	3.9	10	1.64	1.1	5.49	3.2 No	1.1	Element Fault
TWL068	389	'5783838_/5783835'	1.4	2.6	6.67	1.09	1	3.6	2.13 No	1	Element Fault
TWL068	390	'5793015_/5794016'	2.1	3.9	10	1.64	2.5	5.52	3.2 No	1.64	Thermal Discharging
TWL068	391	'5770231_/7415321_1'	2.2	3.9	10	1.64	0.6	5.48	3.2 No	0.6	Element Fault
TWL068	392	'5750429_/5750426'	0.73	1.27	3.33	0.55	0.3	1.88	1.07 No	0.3	Element Fault
TWL068	393	'5793589_/43784846'	2.1	3.8	10	1.64	1.5	5.35	3.2 No	1.5	Element Fault
TWL068	394	'435608686_/43788355'	2.1	3.8	10	1.64	10	5.32	3.2 No	1.64	Thermal Discharging
TWL068	395	'43780164_/43780161'	0.53	1.27	3.33	0.55	0.5	1.93	1.07 No	0.5	Element Fault
TWL068	396	'8679193_/8679190_2'	2.1	3.8	10	1.64	0.9	5.35	3.2 No	0.9	Element Fault
TWL068	397	'445878676_/445878552_1'	2.1	3.8	10	1.64	1.5	5.3	3.2 No	1.5	Element Fault
TWL068	398	'8992003_/56599262'	2.1	3.8	10	1.64	0.6	5.44	3.2 No	0.6	Element Fault
TWL068	399	'72033869_/43782467_2'	2.1	3.8	10	1.64	2.5	5.49	3.2 No	1.64	Thermal Discharging
TWL068	400	'5825993_/435608694'	2.1	3.8	10	1.64	10	5.29	3.2 No	1.64	Thermal Discharging
TWL068	401	'5768732_/5768729'	0.6	1.27	3.33	0.55	0.5	1.91	1.07 No	0.5	Element Fault
TWL068	402	'5809878_/5826007'	2.1	3.8	10	1.64	10	5.27	3.2 No	1.64	Thermal Discharging
TWL068	403	'8052630_/8052627_2'	2.1	3.8	10	1.64	0.6	5.42	3.2 No	0.6	Element Fault
TWL068	404	'282922430_/5809875_1'	0.7	1.27	3.33	0.55	0.5	1.75	1.07 No	0.5	Element Fault
TWL068	405	'5784247_/5784245_1'	2.1	3.8	10	1.64	0.6	5.41	3.2 No	0.6	Element Fault
TWL068	406	'5783054_/43784232'	2.1	3.8	10	1.64	1.7	5.39	3.2 No	1.64	Thermal Discharging
TWL068	407	'8366317_/8366314'	1.8	3.8	10	1.64	0.9	5.5	3.2 No	0.9	Element Fault
TWL068	408	'445878533_/445878552_2'	2.1	3.8	10	1.64	1.5	5.26	3.2 No	1.5	Element Fault
TWL068	409	'43782465_/43782467_1'	2.1	3.8	10	1.64	1.5	5.44	3.2 No	1.5	Element Fault
TWL068	410	'282800659_/5784245_2'	2.1	3.8	10	1.64	0.6	5.39	3.2 No	0.6	Element Fault
TWL068	411	'5826027_/5826024'	2.1	3.8	10	1.64	10	5.23	3.2 No	1.64	Thermal Discharging
TWL068	412	'89871525_/89871558_2'	2.1	3.8	10	1.64	1.5	5.28	3.2 No	1.5	Element Fault
TWL068	413	'5767717_/5767727'	0.53	1.27	3.33	0.55	0.5	1.9	1.07 No	0.5	Element Fault
TWL068	414	'5809865_/5809875_2'	0.7	1.27	3.33	0.55	0.5	1.74	1.07 No	0.5	Element Fault
TWL068	415	'7415542_/7415539'	2.1	3.8	10	1.64	0.6	5.37	3.2 No	0.6	Element Fault
TWL068	416	'8365511_/120444652'	2.1	3.8	10	1.64	5.2	5.4	3.2 No	1.64	Thermal Discharging
TWL068	417	'437788327_/5826041'	2.1	3.8	10	1.64	10	5.2	3.2 No	1.64	Thermal Discharging
TWL068	418	'9310303_/9310300_2'	1.4	2.47	6.67	1.09	1	3.52	2.13 No	1	Element Fault
TWL068	419	'7789156_/7789153_2'	2.1	3.7	10	1.64	1.5	5.23	3.2 No	1.5	Element Fault
TWL068	420	'44684853_/5765098'	0.6	1.23	3.33	0.55	0.5	1.8	1.07 No	0.5	Element Fault
TWL068	421	'5765322_/5765319'	0.63	1.23	3.33	0.55	0.5	1.84	1.07 No	0.5	Element Fault
TWL068	422	'5750442_/5750439'	0.7	1.23	3.33	0.55	0.3	1.83	1.07 No	0.3	Element Fault
TWL068	423	'37934886_/7415321_2'	2.1	3.7	10	1.64	0.6	5.34	3.2 No	0.6	Element Fault
TWL068	424	'37934879_/37934883'	2.1	3.7	10	1.64	0.6	5.34	3.2 No	0.6	Element Fault
TWL068	425	'404572515_/37934876_2'	2.1	3.7	10	1.64	0.6	5.34	3.2 No	0.6	Element Fault
TWL068	426	'37934900_/37934904'	2.1	3.7	10	1.64	0.6	5.34	3.2 No	0.6	Element Fault
TWL068	427	'37934872_/37934876_1'	2.1	3.7	10	1.64	0.6	5.34	3.2 No	0.6	Element Fault
TWL068	428	'404572516_/404572513'	2.1	3.7	10	1.64	0.6	5.34	3.2 No	0.6	Element Fault
TWL068	429	'5768747_/5768758'	0.63	1.23	3.33	0.55	0.5	1.82	1.07 No	0.5	Element Fault
TWL068	430	'5767584_/5767594'	0.7	1.23	3.33	0.55	0.3	1.83	1.07 No	0.3	Element Fault
TWL068	431	'5826061_/43788329'	2.1	3.7	10	1.64	10	5.16	3.2 No	1.64	Thermal Discharging
TWL068	432	'5826112_/43788342_1'	2.1	3.7	10	1.64	1.5	5.16	3.2 No	1.5	Element Fault
TWL068	433	'5768012_/43780468'	0.53	1.23	3.33	0.55	0.2	1.88	1.07 No	0.2	Element Fault
TWL068	434	'5826129_/43788342_2'	2	3.7	10	1.64	1.5	5.14	3.2 No	1.5	Element Fault
TWL068	435	'43781035_/43781037'	2.1	3.7	10	1.64	3.4	5.34	3.2 No	1.64	Thermal Discharging
TWL068	436	'5750387_/5750397'	0.7	1.23	3.33	0.55	0.3	1.82	1.07 No	0.3	Element Fault
TWL068	437	'8365450_/8365448'	2.1	3.7	10	1.64	0.6	5.3	3.2 No	0.6	Element Fault
TWL068	438	'43782593_/5777580'	2	3.7	10	1.64	1.5	5.32	3.2 No	1.5	Element Fault
TWL068	439	'5768774_/5768771'	0.6	1.23	3.33	0.55	0.5	1.79	1.07 No	0.5	Element Fault
TWL068	440	'8052650_/8365508'	2	3.7	10	1.64	5.2	5.29	3.2 No	1.64	Thermal Discharging
TWL068	441	'5783143_/5783140'	2.1	3.7	10	1.64	1.7	5.25	3.2 No	1.64	Thermal Discharging
TWL068	442	'44069654_/5783068'	2.1	3.7	10	1.64	1.7	5.25	3.2 No	1.64	Thermal Discharging
TWL068	443	'5767218_/5767215'	0.57	1.2	3.33	0.55	0.5	1.84	1.07 No	0.5	Element Fault
TWL068	444	'5750184_/43780183'	0.5	1.2	3.33	0.55	0.5	1.87	1.07 No	0.5	Primary Over-Voltage
TWL068	445	'43784750_/43784752'	2	3.6	10	1.64	2.5	5.28	3.2 No	1.64	Thermal Discharging
TWL068	446	'8128601_/8128599_1'	2	3.6	10	1.64	0.9	5.22	3.2 No	0.9	Element Fault
TWL068	447	'5777526_/5777540'	2	3.6	10	1.64	1.5	5.26	3.2 No	1.5	Element Fault
TWL068	448	'508837639_/470554808_1'	2	3.6	10	1.64	0.9	5.25	3.2 No	0.9	Element Fault
TWL068	449	'8128602_/8128599_2'	2	3.6	10	1.64	0.9	5.17	3.2 No	0.9	Element Fault
TWL068	450	'5782744_/5784282'	0.6	1.2	3.33	0.55	0.5	1.76	1.07 No	0.5	Element Fault
TWL068	451	'43784151_/5783160'	2	3.6	10	1.64	1.7	5.15	3.2 No	1.64	Thermal Discharging
TWL068	452	'43780400_/43780402'	0.5	1.2	3.33	0.55	0.5	1.81	1.07 No	0.5	Primary Over-Voltage
TWL068	453	'470554940_/43782480_2'	2	3.6	10	1.64	1.5	5.19	3.2 No	1.5	Element Fault
TWL068	454	'5809852_/5809862'	0.7	1.2	3.33	0.55	0.5	1.67	1.07 No	0.5	Element Fault
TWL068	455	'5767233_/5767231'	0.57	1.2	3.33	0.55	0.5	1.8	1.07 No	0.5	Element Fault
TWL068	456	'5767571_/5767581'	0.67	1.2	3.33	0.55	0.3	1.76	1.07 No	0.3	Element Fault
TWL068	457	'470555004_/470554967_1'	2	3.6	10	1.64	0.9	5.17	3.2 No	0.9	Element Fault
TWL068	458	'5767017_/5768784'	0.6	1.17	3.33	0.55	0.5	1.75	1.07 No	0.5	Element Fault
TWL068	459	'5769268_/5769266'	2	3.5	10	1.64	3.4	5.16	3.2 No	1.64	Thermal Discharging
TWL068	460	'5776876_/5792995'	2	3.5	10	1.64	2.5	5.16	3.2 No	1.64	Thermal Discharging
TWL068	461	'5783071_/44069658'	2	3.5	10	1.64	1.7	5.11	3.2 No	1.64	Thermal Discharging
TWL068	462	'43780345_/5750384'	0.67	1.17	3.33	0.55	0.3	1.75	1.07 No	0.3	Element Fault
TWL068	463	'8677008_/9621937'	2	3.5	10	1.64	0.6	5.1	3.2 No	0.6	Element Fault
TWL068	464	'440773654_/5767014_2'	0.6	1.17	3.33	0.55	0.5	1.74	1.07 No	0.5	Element Fault
TWL068	465	'117482243_/5779564_1'	2	3.5	10	1.64	1.6	5.14	3.2 No	1.6	Element Fault
TWL068	466	'49481651_/43784245_2'	2	3.5	10	1.64	1.7	5.08	3.2 No	1.64	Thermal Discharging
TWL068	467	'5777583_/43782595'	1.9	3.5	10	1.64	1.5	5.11	3.2 No	1.5	Element Fault

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TWL068	468	'43784243_/43784245_1'		2	3.5	10	1.64	1	5.06	3.2 No	1 Element Fault
TWL068	469	'5783906_/282800580_1'		2	3.5	10	1.64	1	5.05	3.2 No	1 Element Fault
TWL068	470	'5767691_/5767701'		0.5	1.17	3.33	0.55	0.5	1.77	1.07 No	0.5 Primary Over-Voltage
TWL068	471	'5767004_/5767014_1'		0.6	1.17	3.33	0.55	0.2	1.72	1.07 No	0.2 Element Fault
TWL068	472	'5765338_/5765335'		0.6	1.17	3.33	0.55	0.5	1.74	1.07 No	0.5 Element Fault
TWL068	473	'5767558_/5767568'		0.67	1.17	3.33	0.55	0.3	1.72	1.07 No	0.3 Element Fault
TWL068	474	'7659544_/470554808_2'		1.9	3.5	10	1.64	0.9	5.07	3.2 No	0.9 Element Fault
TWL068	475	'5777117_/5777127_2'		0.67	1.17	3.33	0.55	0.83	1.69	1.07 No	0.55 Thermal Discharging
TWL068	476	'5777525_/43782480_1'		1.9	3.5	10	1.64	1.5	5.07	3.2 No	1.5 Element Fault
TWL068	477	'8053851_/8053849'		1.9	3.5	10	1.64	0.6	5.03	3.2 No	0.6 Element Fault
TWL068	478	'5809891_/5809888'		0.7	1.17	3.33	0.55	0.5	1.63	1.07 No	0.5 Element Fault
TWL068	479	'433745877_/433745925'		1.9	3.5	10	1.64	3.4	5.04	3.2 No	1.64 Thermal Discharging
TWL068	480	'5765351_/5765348'		0.6	1.17	3.33	0.55	0.5	1.72	1.07 No	0.5 Element Fault
TWL068	481	'463492275_/5765569_2'		0.6	1.13	3.33	0.55	0.5	1.73	1.07 No	0.5 Element Fault
TWL068	482	'5765408_/5765595'		0.6	1.13	3.33	0.55	0.5	1.73	1.07 No	0.5 Element Fault
TWL068	483	'5809839_/5809849'		0.7	1.13	3.33	0.55	0.5	1.62	1.07 No	0.5 Element Fault
TWL068	484	'5765364_/5765361'		0.6	1.13	3.33	0.55	0.5	1.71	1.07 No	0.5 Element Fault
TWL068	485	'5776782_/5776873'		1.9	3.4	10	1.64	2.5	5.04	3.2 No	1.64 Thermal Discharging
TWL068	486	'470554854_/470554851'		1.9	3.4	10	1.64	1.5	5.03	3.2 No	1.5 Element Fault
TWL068	487	'8365603_/470554967_2'		1.9	3.4	10	1.64	0.9	5.03	3.2 No	0.9 Element Fault
TWL068	488	'8365659_/282800580_2'		1.9	3.4	10	1.64	1	4.98	3.2 No	1 Element Fault
TWL068	489	'5779567_/5779564_2'		1.9	3.4	10	1.64	1.6	5.03	3.2 No	1.6 Element Fault
TWL068	490	'43784164_/43784153'		1.9	3.4	10	1.64	1.7	4.98	3.2 No	1.64 Thermal Discharging
TWL068	491	'72033823_/5777508_2'		1.27	2.27	6.67	1.09	1.67	3.34	2.13 No	1.09 Thermal Discharging
TWL068	492	'43779560_/5765374'		0.6	1.13	3.33	0.55	0.5	1.7	1.07 No	0.5 Element Fault
TWL068	493	'43780102_/5767244'		0.53	1.13	3.33	0.55	0.5	1.73	1.07 No	0.5 Element Fault
TWL068	494	'508837655_/470554825_1'		1.9	3.4	10	1.64	0.9	5	3.2 No	0.9 Element Fault
TWL068	495	'5767675_/5767688'		0.5	1.13	3.33	0.55	0.5	1.74	1.07 No	0.5 Primary Over-Voltage
TWL068	496	'8677009_/8677006'		1.9	3.4	10	1.64	0.6	4.96	3.2 No	0.6 Element Fault
TWL068	497	'5769065_/9310354_2'		0.6	1.13	3.33	0.55	0.5	1.69	1.07 No	0.5 Element Fault
TWL068	498	'5782745_/5782742'		0.57	1.13	3.33	0.55	0.5	1.68	1.07 No	0.5 Element Fault
TWL068	499	'5776781_/5776779'		1.9	3.4	10	1.64	2.5	4.98	3.2 No	1.64 Thermal Discharging
TWL068	500	'5777496_/5777508_1'		1.27	2.27	6.67	1.09	1	3.32	2.13 No	1 Element Fault
TWL068	501	'5765610_/5765608'		0.57	1.13	3.33	0.55	0.5	1.7	1.07 No	0.5 Element Fault
TWL068	502	'8995660_/8995657_2'		0.57	1.13	3.33	0.55	0.5	1.68	1.07 No	0.5 Element Fault
TWL068	503	'5777129_/5777127_1'		0.67	1.13	3.33	0.55	0.5	1.66	1.07 No	0.5 Element Fault
TWL068	504	'5768800_/5768797'		0.57	1.13	3.33	0.55	0.5	1.67	1.07 No	0.5 Element Fault
TWL068	505	'433746049_/433746068'		1.9	3.3	10	1.64	3.4	4.91	3.2 No	1.64 Thermal Discharging
TWL068	506	'5809904_/5809901'		0.67	1.1	3.33	0.55	0.5	1.59	1.07 No	0.5 Element Fault
TWL068	507	'5750361_/5750371'		0.63	1.1	3.33	0.55	0.3	1.67	1.07 No	0.3 Element Fault
TWL068	508	'7729650_/8995657_1'		0.57	1.1	3.33	0.55	0.3	1.66	1.07 No	0.3 Element Fault
TWL068	509	'43779977_/5767001'		0.57	1.1	3.33	0.55	0.2	1.66	1.07 No	0.2 Element Fault
TWL068	510	'43780367_/5767555'		0.63	1.1	3.33	0.55	0.3	1.66	1.07 No	0.3 Element Fault
TWL068	511	'43779538_/5765406'		0.57	1.1	3.33	0.55	0.5	1.67	1.07 No	0.5 Element Fault
TWL068	512	'43782452_/5776856'		1.9	3.3	10	1.64	2.5	4.89	3.2 No	1.64 Thermal Discharging
TWL068	513	'5777495_/43782493'		1.27	2.2	6.67	1.09	1	3.24	2.13 No	1 Element Fault
TWL068	514	'5809823_/5809836'		0.67	1.1	3.33	0.55	0.5	1.57	1.07 No	0.5 Element Fault
TWL068	515	'5765211_/5765569_1'		0.57	1.1	3.33	0.55	0.3	1.65	1.07 No	0.3 Element Fault
TWL068	516	'463492121_/5765208_3'		0.57	1.1	3.33	0.55	0.3	1.65	1.07 No	0.3 Element Fault
TWL068	517	'466868082_/5765208_2'		0.57	1.1	3.33	0.55	0.2	1.65	1.07 No	0.2 Element Fault
TWL068	518	'5765198_/5765208_1'		0.57	1.1	3.33	0.55	0.2	1.65	1.07 No	0.2 Element Fault
TWL068	519	'5767029_/5768813'		0.53	1.1	3.33	0.55	0.5	1.63	1.07 No	0.5 Element Fault
TWL068	520	'5783200_/43784166'		1.8	3.3	10	1.64	1.7	4.8	3.2 No	1.64 Thermal Discharging
TWL068	521	'43780107_/43780104'		0.5	1.1	3.33	0.55	0.5	1.67	1.07 No	0.5 Primary Over-Voltage
TWL068	522	'43779549_/5792253'		0.57	1.1	3.33	0.55	0.5	1.64	1.07 No	0.5 Element Fault
TWL068	523	'7659503_/433746158'		1.8	3.3	10	1.64	3.4	4.8	3.2 No	1.64 Thermal Discharging
TWL068	524	'5809917_/5809914'		0.63	1.1	3.33	0.55	0.5	1.55	1.07 No	0.5 Element Fault
TWL068	525	'440773669_/5767027_1'		0.53	1.07	3.33	0.55	0.2	1.62	1.07 No	0.2 Element Fault
TWL068	526	'5809822_/5809820'		0.63	1.07	3.33	0.55	0.5	1.55	1.07 No	0.5 Element Fault
TWL068	527	'43780411_/5767672'		0.47	1.07	3.33	0.55	0.5	1.67	1.07 No	0.47 Primary Over-Voltage
TWL068	528	'5767030_/5767027_2'		0.53	1.07	3.33	0.55	0.2	1.61	1.07 No	0.2 Element Fault
TWL068	529	'5765393_/5765390'		0.57	1.07	3.33	0.55	0.5	1.62	1.07 No	0.5 Element Fault
TWL068	530	'5783217_/5783214'		1.8	3.2	10	1.64	1.7	4.72	3.2 No	1.64 Thermal Discharging
TWL068	531	'5776798_/5776836'		1.8	3.2	10	1.64	2.5	4.75	3.2 No	1.64 Thermal Discharging
TWL068	532	'8677176_/8677174_1'		1.8	3.2	10	1.64	0.9	4.72	3.2 No	0.9 Element Fault
TWL068	533	'5750360_/5750358'		0.6	1.07	3.33	0.55	0.3	1.6	1.07 No	0.3 Element Fault
TWL068	534	'77274844_/7659521_1'		1.8	3.2	10	1.64	1.5	4.75	3.2 No	1.5 Element Fault
TWL068	535	'43784204_/5783282'		1.8	3.2	10	1.64	1.7	4.7	3.2 No	1.64 Thermal Discharging
TWL068	536	'43779976_/5766988'		0.53	1.07	3.33	0.55	0.2	1.59	1.07 No	0.2 Element Fault
TWL068	537	'5767529_/5767539'		0.6	1.07	3.33	0.55	0.3	1.6	1.07 No	0.3 Element Fault
TWL068	538	'5765185_/5765195'		0.53	1.07	3.33	0.55	0.2	1.6	1.07 No	0.2 Element Fault
TWL068	539	'5765533_/5765556'		0.53	1.07	3.33	0.55	0.3	1.6	1.07 No	0.3 Element Fault
TWL068	540	'5765224_/5765221'		0.53	1.07	3.33	0.55	0.2	1.6	1.07 No	0.2 Element Fault
TWL068	541	'8677177_/8677174_2'		1.8	3.1	10	1.64	0.9	4.66	3.2 No	0.9 Element Fault
TWL068	542	'5783234_/5783231'		1.8	3.1	10	1.64	1.7	4.65	3.2 No	1.64 Thermal Discharging
TWL068	543	'120444549_/120444560'		0.7	1.03	3.33	0.55	1.73	1.45	1.07 No	0.55 Thermal Discharging
TWL068	544	'5835751_/5835749'		0.63	1.03	3.33	0.55	0.5	1.51	1.07 No	0.5 Element Fault
TWL068	545	'5796799_/5796809'		0.6	1.03	3.33	0.55	0.3	1.57	1.07 No	0.3 Element Fault
TWL068	546	'5783285_/43784206'		1.7	3.1	10	1.64	1.7	4.61	3.2 No	1.64 Thermal Discharging
TWL068	547	'5765422_/5765419'		0.53	1.03	3.33	0.55	0.5	1.58	1.07 No	0.5 Element Fault
TWL068	548	'43779548_/5792240'		0.53	1.03	3.33	0.55	0.5	1.57	1.07 No	0.5 Element Fault
TWL068	549	'7659524_/7659521_2'		1.8	3.1	10	1.64	1.5	4.62	3.2 No	1.5 Element Fault
TWL068	550	'43779988_/5767040'		0.53	1.03	3.33	0.55	0.2	1.55	1.07 No	0.2 Element Fault
TWL068	551	'43779527_/5765530'		0.53	1.03	3.33	0.55	0.3	1.57	1.07 No	0.3 Element Fault
TWL068	552	'5765184_/5765182'		0.53	1.03	3.33	0.55	0.2	1.57	1.07 No	0.2 Element Fault
TWL068	553	'43782527_/5777143'		0.6	1.03	3.33	0.55	0.5	1.54	1.07 No	0.5 Element Fault
TWL068	554	'5767649_/5767659'		0.43	1.03	3.33	0.55	0.5	1.59	1.07 No	0.43 Primary Over-Voltage
TWL068	555	'7659504_/7659501_1'		1.7	3.1	10	1.64	5.2	4.57	3.2 No	1.64 Thermal Discharging
TWL068	556	'5767516_/5767526'		0.57	1.03	3.33	0.55	0.3	1.55	1.07 No	0.3 Element Fault
TWL068	557	'43784177_/5783248'		1.7	3.1	10	1.64	1.7	4.55	3.2 No	1.64 Thermal Discharging
TWL068	558	'5765240_/5765237'		0.53	1	3.33	0.55	0.2	1.55	1.07 No	0.2 Element Fault
TWL068	559	'472722341_/5776796'		1.7	3	10	1.64	2.5	4.55	3.2 No	1.64 Thermal Discharging
TWL068	560	'7097710_/7097721'		0.6	1	3.33	0.55	0.5	1.46	1.07 No	0.5 Element Fault
TWL068	561	'5765172_/5765543'		0.5	1	3.33	0.55	0.3	1.52	1.07 No	0.3 Element Fault

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TWL068	562	'43780334_/5796796'	0.57	1	3.33	0.55	0.3	1.51	1.07 No	0.3	Element Fault
TWL068	563	'43779993_/43779990'	0.5	1	3.33	0.55	0.2	1.51	1.07 No	0.2	Element Fault
TWL068	564	'5783268_/43784193'	1.7	3	10	1.64	1.7	4.45	3.2 No	1.64	Thermal Discharging
TWL068	565	'5767503_/5767513'	0.57	1	3.33	0.55	0.3	1.51	1.07 No	0.3	Element Fault
TWL068	566	'5767636_/5767646'	0.43	1	3.33	0.55	0.5	1.53	1.07 No	0.43	Primary Over-Voltage
TWL068	567	'5776756_/5776766'	0.57	0.97	3.33	0.55	0.83	1.48	1.07 No	0.55	Thermal Discharging
TWL068	568	'463491973_/5765169_2'	0.5	0.97	3.33	0.55	0.3	1.5	1.07 No	0.3	Element Fault
TWL068	569	'7730657_/9310354_1'	0.5	0.97	3.33	0.55	0.3	1.49	1.07 No	0.3	Element Fault
TWL068	570	'72033791_/5777649_2'	0.57	0.97	3.33	0.55	0.83	1.47	1.07 No	0.55	Thermal Discharging
TWL068	571	'7729649_/7729647'	0.5	0.97	3.33	0.55	0.3	1.48	1.07 No	0.3	Element Fault
TWL068	572	'5774299_/5777649_1'	0.57	0.97	3.33	0.55	0.5	1.46	1.07 No	0.5	Element Fault
TWL068	573	'5765434_/5765517'	0.5	0.97	3.33	0.55	0.3	1.48	1.07 No	0.3	Element Fault
TWL068	574	'463491930_/5765432_1'	0.5	0.97	3.33	0.55	0.2	1.48	1.07 No	0.2	Element Fault
TWL068	575	'5765435_/5765432_2'	0.5	0.97	3.33	0.55	0.2	1.47	1.07 No	0.2	Element Fault
TWL068	576	'43780378_/5767500'	0.53	0.97	3.33	0.55	0.3	1.46	1.07 No	0.3	Element Fault
TWL068	577	'5777159_/5777156'	0.57	0.97	3.33	0.55	0.5	1.44	1.07 No	0.5	Element Fault
TWL068	578	'5765448_/5765445'	0.5	0.93	3.33	0.55	0.2	1.46	1.07 No	0.2	Element Fault
TWL068	579	'5750348_/5796783'	0.53	0.93	3.33	0.55	0.3	1.45	1.07 No	0.3	Element Fault
TWL068	580	'5776743_/5776753'	0.53	0.93	3.33	0.55	0.83	1.44	1.07 No	0.53	Primary Over-Voltage
TWL068	581	'5767635_/5767633'	0.4	0.93	3.33	0.55	0.5	1.48	1.07 No	0.4	Primary Over-Voltage
TWL068	582	'5774283_/5774296'	0.53	0.93	3.33	0.55	0.5	1.42	1.07 No	0.5	Element Fault
TWL068	583	'5765506_/5765504'	0.47	0.93	3.33	0.55	0.3	1.43	1.07 No	0.3	Element Fault
TWL068	584	'5765156_/5765169_1'	0.47	0.93	3.33	0.55	0.2	1.42	1.07 No	0.2	Element Fault
TWL068	585	'43781941_/5776740'	0.53	0.93	3.33	0.55	0.83	1.4	1.07 No	0.53	Primary Over-Voltage
TWL068	586	'5768171_/43780380'	0.53	0.9	3.33	0.55	0.3	1.41	1.07 No	0.3	Element Fault
TWL068	587	'5793213_/5793211'	0.47	0.9	3.33	0.55	0.3	1.41	1.07 No	0.3	Element Fault
TWL068	588	'5750335_/5750345'	0.53	0.9	3.33	0.55	0.3	1.4	1.07 No	0.3	Element Fault
TWL068	589	'43780477_/5768142'	0.4	0.9	3.33	0.55	0.5	1.43	1.07 No	0.4	Primary Over-Voltage
TWL068	590	'5772120_/5774280'	0.53	0.9	3.33	0.55	0.5	1.38	1.07 No	0.5	Element Fault
TWL068	591	'7730658_/7730655'	0.47	0.9	3.33	0.55	0.3	1.38	1.07 No	0.3	Element Fault
TWL068	592	'8052742_/8995641_1'	0.47	0.9	3.33	0.55	0.3	1.38	1.07 No	0.3	Element Fault
TWL068	593	'47272231_/5774189'	0.5	0.87	3.33	0.55	0.83	1.35	1.07 No	0.5	Primary Over-Voltage
TWL068	594	'43780488_/5768181'	0.5	0.87	3.33	0.55	0.3	1.36	1.07 No	0.3	Element Fault
TWL068	595	'5750322_/5750332'	0.5	0.87	3.33	0.55	0.3	1.36	1.07 No	0.3	Element Fault
TWL068	596	'45176355_/5768155'	0.37	0.87	3.33	0.55	0.5	1.38	1.07 No	0.37	Primary Over-Voltage
TWL068	597	'5772119_/43781899'	0.5	0.87	3.33	0.55	0.5	1.34	1.07 No	0.5	Primary Over-Voltage
TWL068	598	'5765143_/5765153'	0.47	0.87	3.33	0.55	0.2	1.36	1.07 No	0.2	Element Fault
TWL068	599	'5774205_/5774202'	0.5	0.87	3.33	0.55	0.83	1.33	1.07 No	0.5	Primary Over-Voltage
TWL068	600	'5768200_/43780490'	0.5	0.87	3.33	0.55	0.3	1.33	1.07 No	0.3	Element Fault
TWL068	601	'43782538_/5777182'	0.5	0.87	3.33	0.55	0.5	1.32	1.07 No	0.5	Primary Over-Voltage
TWL068	602	'5750321_/5750319'	0.5	0.87	3.33	0.55	0.3	1.32	1.07 No	0.3	Element Fault
TWL068	603	'5776727_/5776724'	0.5	0.83	3.33	0.55	0.83	1.3	1.07 No	0.5	Primary Over-Voltage
TWL068	604	'5768213_/5768210'	0.47	0.83	3.33	0.55	0.3	1.31	1.07 No	0.3	Element Fault
TWL068	605	'5772061_/5772059'	0.5	0.83	3.33	0.55	0.83	1.29	1.07 No	0.5	Primary Over-Voltage
TWL068	606	'360176865_/358215494_1'	0.5	0.83	3.33	0.55	0.5	1.29	1.07 No	0.5	Primary Over-Voltage
TWL068	607	'5777172_/5777169'	0.5	0.83	3.33	0.55	0.5	1.29	1.07 No	0.5	Primary Over-Voltage
TWL068	608	'43779619_/5765140'	0.43	0.83	3.33	0.55	0.2	1.3	1.07 No	0.2	Element Fault
TWL068	609	'358215497_/358215494_2'	0.47	0.83	3.33	0.55	0.5	1.27	1.07 No	0.47	Primary Over-Voltage
TWL068	610	'5777198_/5777195'	0.5	0.83	3.33	0.55	0.5	1.27	1.07 No	0.5	Primary Over-Voltage
TWL068	611	'43780521_/5768379'	0.47	0.83	3.33	0.55	0.3	1.27	1.07 No	0.3	Element Fault
TWL068	612	'5768025_/5768035'	0.47	0.8	3.33	0.55	0.3	1.27	1.07 No	0.3	Element Fault
TWL068	613	'358215513_/358215806'	0.47	0.8	3.33	0.55	0.5	1.26	1.07 No	0.47	Primary Over-Voltage
TWL068	614	'5768343_/5768340'	0.47	0.8	3.33	0.55	0.3	1.26	1.07 No	0.3	Element Fault
TWL068	615	'5777255_/5777253'	0.5	0.8	3.33	0.55	0.5	1.25	1.07 No	0.5	Primary Over-Voltage
TWL068	616	'5768051_/5768048'	0.47	0.8	3.33	0.55	0.3	1.25	1.07 No	0.3	Element Fault
TWL068	617	'5765114_/5765127'	0.4	0.8	3.33	0.55	0.2	1.26	1.07 No	0.2	Element Fault
TWL068	618	'358215535_/358215532'	0.47	0.8	3.33	0.55	0.5	1.23	1.07 No	0.47	Primary Over-Voltage
TWL068	619	'43780510_/5768392'	0.47	0.8	3.33	0.55	0.3	1.24	1.07 No	0.3	Element Fault
TWL068	620	'5772892_/5779516'	0.47	0.8	3.33	0.55	0.83	1.23	1.07 No	0.47	Primary Over-Voltage
TWL068	621	'5768105_/5768103'	0.43	0.8	3.33	0.55	0.3	1.23	1.07 No	0.3	Element Fault
TWL068	622	'5777214_/5777211'	0.47	0.8	3.33	0.55	0.5	1.22	1.07 No	0.47	Primary Over-Voltage
TWL068	623	'5768476_/5768473'	0.43	0.8	3.33	0.55	0.3	1.23	1.07 No	0.3	Element Fault
TWL068	624	'5777269_/5777266'	0.47	0.77	3.33	0.55	0.5	1.22	1.07 No	0.47	Primary Over-Voltage
TWL068	625	'5768408_/43780512'	0.43	0.77	3.33	0.55	0.3	1.22	1.07 No	0.3	Element Fault
TWL068	626	'5768024_/5768022'	0.43	0.77	3.33	0.55	0.3	1.22	1.07 No	0.3	Element Fault
TWL068	627	'358215551_/358215548'	0.47	0.77	3.33	0.55	0.5	1.21	1.07 No	0.47	Primary Over-Voltage
TWL068	628	'43780499_/5768353'	0.43	0.77	3.33	0.55	0.3	1.22	1.07 No	0.3	Element Fault
TWL068	629	'5768064_/5768061'	0.43	0.77	3.33	0.55	0.3	1.22	1.07 No	0.3	Element Fault
TWL068	630	'5765113_/5765111'	0.4	0.77	3.33	0.55	0.2	1.22	1.07 No	0.2	Element Fault
TWL068	631	'43780543_/5768512'	0.43	0.77	3.33	0.55	0.3	1.21	1.07 No	0.3	Element Fault
TWL068	632	'43782186_/5772890'	0.43	0.77	3.33	0.55	0.83	1.2	1.07 No	0.43	Primary Over-Voltage
TWL068	633	'5768077_/5768074'	0.43	0.77	3.33	0.55	0.3	1.2	1.07 No	0.3	Element Fault
TWL068	634	'5768421_/5768418'	0.43	0.77	3.33	0.55	0.3	1.2	1.07 No	0.3	Element Fault
TWL068	635	'45274687_/5768366'	0.43	0.77	3.33	0.55	0.3	1.2	1.07 No	0.3	Element Fault
TWL068	636	'43780554_/5768499'	0.43	0.77	3.33	0.55	0.3	1.2	1.07 No	0.3	Element Fault
TWL068	637	'5771997_/358215570'	0.43	0.77	3.33	0.55	0.5	1.18	1.07 No	0.43	Primary Over-Voltage
TWL068	638	'5777282_/5777279'	0.47	0.77	3.33	0.55	0.5	1.18	1.07 No	0.47	Primary Over-Voltage
TWL068	639	'43781908_/5774351'	0.43	0.77	3.33	0.55	0.5	1.18	1.07 No	0.43	Primary Over-Voltage
TWL068	640	'5768090_/5768087'	0.43	0.77	3.33	0.55	0.3	1.18	1.07 No	0.3	Element Fault
TWL068	641	'5768434_/5768431'	0.43	0.77	3.33	0.55	0.3	1.18	1.07 No	0.3	Element Fault
TWL068	642	'5768528_/5768525'	0.43	0.73	3.33	0.55	0.3	1.17	1.07 No	0.3	Element Fault
TWL068	643	'5774312_/5774309'	0.43	0.73	3.33	0.55	0.5	1.16	1.07 No	0.43	Primary Over-Voltage
TWL068	644	'5768488_/5768486'	0.43	0.73	3.33	0.55	0.3	1.16	1.07 No	0.3	Element Fault
TWL068	645	'43782342_/5777292'	0.43	0.73	3.33	0.55	0.5	1.15	1.07 No	0.43	Primary Over-Voltage
TWL068	646	'5771981_/5771994'	0.43	0.73	3.33	0.55	0.5	1.15	1.07 No	0.43	Primary Over-Voltage
TWL068	647	'5768541_/5768538'	0.4	0.73	3.33	0.55	0.3	1.15	1.07 No	0.3	Element Fault
TWL068	648	'5792647_/5792645'	0.4	0.73	3.33	0.55	0.3	1.14	1.07 No	0.3	Element Fault
TWL068	649	'43780587_/5768632'	0.4	0.73	3.33	0.55	0.3	1.14	1.07 No	0.3	Element Fault
TWL068	650	'5768553_/5768551'	0.4	0.73	3.33	0.55	0.3	1.14	1.07 No	0.3	Element Fault
TWL068	651	'5774325_/5774322'	0.43	0.73	3.33	0.55	0.5	1.13	1.07 No	0.43	Primary Over-Voltage
TWL068	652	'5774367_/5774364'	0.43	0.7	3.33	0.55	0.5	1.13	1.07 No	0.43	Primary Over-Voltage
TWL068	653	'5777308_/43782344'	0.43	0.7	3.33	0.55	0.5	1.12	1.07 No	0.43	Primary Over-Voltage
TWL068	654	'5768567_/5768564'	0.4	0.7	3.33	0.55	0.3	1.12	1.07 No	0.3	Element Fault
TWL068	655	'5771903_/5771978'	0.43	0.7	3.33	0.55	0.5	1.12	1.07 No	0.43	Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TWL068	656	'5768648_/5768658'	0.4	0.7	3.33	0.55	0.3	1.12	1.07 No	0.3	Element Fault
TWL068	657	'5774341_/5774338'	0.4	0.7	3.33	0.55	0.5	1.1	1.07 No	0.4	Primary Over-Voltage
TWL068	658	'43780565_/5768577'	0.4	0.7	3.33	0.55	0.3	1.11	1.07 No	0.3	Element Fault
TWL068	659	'43780598_/43780600'	0.4	0.7	3.33	0.55	0.3	1.1	1.07 No	0.3	Element Fault
TWL068	660	'5776674_/5777318'	0.43	0.7	3.33	0.55	0.5	1.09	1.07 No	0.43	Primary Over-Voltage
TWL068	661	'5768596_/5768593'	0.4	0.7	3.33	0.55	0.3	1.09	1.07 No	0.3	Element Fault
TWL068	662	'5774380_/5774377'	0.4	0.7	3.33	0.55	0.5	1.08	1.07 No	0.4	Primary Over-Voltage
TWL068	663	'43780609_/43780611'	0.4	0.7	3.33	0.55	0.3	1.09	1.07 No	0.3	Element Fault
TWL068	664	'5771890_/5771900'	0.4	0.67	3.33	0.55	0.5	1.08	1.07 No	0.4	Primary Over-Voltage
TWL068	665	'5768674_/5768684'	0.4	0.67	3.33	0.55	0.3	1.08	1.07 No	0.3	Element Fault
TWL068	666	'5776658_/5776672'	0.4	0.67	3.33	0.55	0.5	1.07	1.07 No	0.4	Primary Over-Voltage
TWL068	667	'43780576_/5768606'	0.4	0.67	3.33	0.55	0.3	1.07	1.07 No	0.3	Element Fault
TWL068	668	'415932022_/374474899_1'	0.4	0.67	3.33	0.55	0.3	1.07	1.07 No	0.3	Element Fault
TWL068	669	'43780620_/43780622'	0.4	0.67	3.33	0.55	0.3	1.07	1.07 No	0.3	Element Fault
TWL068	670	'5768621_/5768619'	0.37	0.67	3.33	0.55	0.3	1.07	1.07 No	0.3	Element Fault
TWL068	671	'5771877_/5771887'	0.4	0.67	3.33	0.55	0.5	1.06	1.07 No	0.4	Primary Over-Voltage
TWL068	672	'5771916_/5771913'	0.4	0.67	3.33	0.55	0.5	1.05	1.07 No	0.4	Primary Over-Voltage
TWL068	673	'5769472_/5776656'	0.4	0.67	3.33	0.55	0.5	1.05	1.07 No	0.4	Primary Over-Voltage
TWL068	674	'5768703_/5768713'	0.37	0.67	3.33	0.55	0.3	1.06	1.07 No	0.3	Element Fault
TWL068	675	'5768647_/5768645'	0.37	0.67	3.33	0.55	0.3	1.06	1.07 No	0.3	Element Fault
TWL068	676	'5768673_/5768671'	0.37	0.67	3.33	0.55	0.3	1.05	1.07 No	0.3	Element Fault
TWL068	677	'5776633_/5776643'	0.4	0.67	3.33	0.55	0.5	1.05	1.07 No	0.4	Primary Over-Voltage
TWL068	678	'5771929_/5771926'	0.4	0.67	3.33	0.55	0.5	1.04	1.07 No	0.4	Primary Over-Voltage
TWL068	679	'5769459_/5769469'	0.4	0.67	3.33	0.55	0.5	1.04	1.07 No	0.4	Primary Over-Voltage
TWL068	680	'5771942_/5771939'	0.4	0.67	3.33	0.55	0.5	1.03	1.07 No	0.4	Primary Over-Voltage
TWL068	681	'5771864_/5771874'	0.4	0.67	3.33	0.55	0.5	1.03	1.07 No	0.4	Primary Over-Voltage
TWL068	682	'5776616_/5776630'	0.4	0.63	3.33	0.55	0.5	1.03	1.07 No	0.4	Primary Over-Voltage
TWL068	683	'5768702_/43780633'	0.37	0.63	3.33	0.55	0.3	1.03	1.07 No	0.3	Element Fault
TWL068	684	'43785082_/5797841'	0.4	0.63	3.33	0.55	0.5	1.02	1.07 No	0.4	Primary Over-Voltage
TWL068	685	'5769425_/5769456'	0.4	0.63	3.33	0.55	0.5	1.02	1.07 No	0.4	Primary Over-Voltage
TWL068	686	'693309541_/5769482_1'	0.4	0.63	3.33	0.55	0.3	1.01	1.07 No	0.3	Element Fault
TWL068	687	'5771955_/5771952'	0.37	0.63	3.33	0.55	0.5	1.01	1.07 No	0.37	Primary Over-Voltage
TWL068	688	'69651544_/5776614'	0.4	0.63	3.33	0.55	0.5	1.01	1.07 No	0.4	Primary Over-Voltage
TWL068	689	'5772470_/5797828'	0.37	0.63	3.33	0.55	0.5	1.01	1.07 No	0.37	Primary Over-Voltage
TWL068	690	'76632626_/69651554_2'	0.4	0.63	3.33	0.55	0.5	1.01	1.07 No	0.4	Primary Over-Voltage
TWL068	691	'693309571_/69651573_2'	0.4	0.63	3.33	0.55	0.5	1.01	1.07 No	0.4	Primary Over-Voltage
TWL068	692	'43781919_/43781921'	0.37	0.63	3.33	0.55	0.5	1	1.07 No	0.37	Primary Over-Voltage
TWL068	693	'5769485_/5769482_2'	0.4	0.63	3.33	0.55	0.3	1	1.07 No	0.3	Element Fault
TWL068	694	'5771968_/5771965'	0.37	0.63	3.33	0.55	0.5	1	1.07 No	0.37	Primary Over-Voltage
TWL068	695	'69651576_/69651573_1'	0.4	0.63	3.33	0.55	0.3	1	1.07 No	0.3	Element Fault
TWL068	696	'9309189_/374474899_2'	0.37	0.63	3.33	0.55	0.3	1	1.07 No	0.3	Element Fault
TWL068	697	'69651557_/69651554_1'	0.37	0.63	3.33	0.55	0.5	0.99	1.07 No	0.37	Primary Over-Voltage
TWL068	698	'5772471_/5772468'	0.37	0.63	3.33	0.55	0.5	0.99	1.07 No	0.37	Primary Over-Voltage
TWL068	699	'5771838_/5771848'	0.37	0.63	3.33	0.55	0.5	0.98	1.07 No	0.37	Primary Over-Voltage
TWL068	700	'5769498_/5769495'	0.37	0.6	3.33	0.55	0.3	0.98	1.07 No	0.3	Element Fault
TWL068	701	'5777091_/5777101'	0.37	0.6	3.33	0.55	0.3	0.98	1.07 No	0.3	Element Fault
TWL068	702	'5792716_/5792726'	0.37	0.6	3.33	0.55	0.5	0.97	1.07 No	0.37	Primary Over-Voltage
TWL068	703	'5771825_/5771835'	0.37	0.6	3.33	0.55	0.5	0.97	1.07 No	0.37	Primary Over-Voltage
TWL068	704	'5773039_/5773049'	0.37	0.6	3.33	0.55	0.5	0.96	1.07 No	0.37	Primary Over-Voltage
TWL068	705	'5777363_/5777373'	0.37	0.6	3.33	0.55	0.3	0.96	1.07 No	0.3	Element Fault
TWL068	706	'5792703_/5792713'	0.37	0.6	3.33	0.55	0.5	0.96	1.07 No	0.37	Primary Over-Voltage
TWL068	707	'43782364_/43782366'	0.37	0.6	3.33	0.55	0.3	0.95	1.07 No	0.3	Element Fault
TWL068	708	'5777402_/5792798'	0.37	0.6	3.33	0.55	0.5	0.95	1.07 No	0.37	Primary Over-Voltage
TWL068	709	'43781864_/5773036'	0.37	0.6	3.33	0.55	0.5	0.94	1.07 No	0.37	Primary Over-Voltage
TWL068	710	'5771811_/5771822'	0.37	0.6	3.33	0.55	0.5	0.94	1.07 No	0.37	Primary Over-Voltage
TWL068	711	'43782331_/5777360'	0.37	0.6	3.33	0.55	0.3	0.94	1.07 No	0.3	Element Fault
TWL068	712	'5776604_/5792700'	0.37	0.6	3.33	0.55	0.5	0.94	1.07 No	0.37	Primary Over-Voltage
TWL068	713	'5772263_/5772260'	0.37	0.57	3.33	0.55	0.5	0.93	1.07 No	0.37	Primary Over-Voltage
TWL068	714	'5777065_/5777075'	0.37	0.57	3.33	0.55	0.3	0.93	1.07 No	0.3	Element Fault
TWL068	715	'5771796_/5771809_1'	0.37	0.57	3.33	0.55	0.2	0.93	1.07 No	0.2	Element Fault
TWL068	716	'5771783_/5771809_2'	0.37	0.57	3.33	0.55	0.2	0.93	1.07 No	0.2	Element Fault
TWL068	717	'5777389_/5777399'	0.37	0.57	3.33	0.55	0.5	0.93	1.07 No	0.37	Primary Over-Voltage
TWL068	718	'43781863_/5773023'	0.33	0.57	3.33	0.55	0.5	0.92	1.07 No	0.33	Primary Over-Voltage
TWL068	719	'5776591_/5776601'	0.37	0.57	3.33	0.55	0.5	0.92	1.07 No	0.37	Primary Over-Voltage
TWL068	720	'5777334_/5777347'	0.33	0.57	3.33	0.55	0.3	0.92	1.07 No	0.3	Element Fault
TWL068	721	'5772159_/5772169'	0.33	0.57	3.33	0.55	0.2	0.92	1.07 No	0.2	Element Fault
TWL068	722	'5777052_/5777062'	0.33	0.57	3.33	0.55	0.3	0.91	1.07 No	0.3	Element Fault
TWL068	723	'358578467_/358560699'	0.33	0.57	3.33	0.55	0.2	0.91	1.07 No	0.2	Element Fault
TWL068	724	'43781784_/5772273'	0.33	0.57	3.33	0.55	0.5	0.91	1.07 No	0.33	Primary Over-Voltage
TWL068	725	'5776578_/5776588'	0.33	0.57	3.33	0.55	0.5	0.91	1.07 No	0.33	Primary Over-Voltage
TWL068	726	'5777388_/43782377'	0.33	0.57	3.33	0.55	0.5	0.91	1.07 No	0.33	Primary Over-Voltage
TWL068	727	'5776577_/5776575'	0.33	0.57	3.33	0.55	0.5	0.9	1.07 No	0.33	Primary Over-Voltage
TWL068	728	'5777039_/5777049'	0.33	0.57	3.33	0.55	0.3	0.9	1.07 No	0.3	Element Fault
TWL068	729	'5777333_/5777331'	0.33	0.57	3.33	0.55	0.3	0.9	1.07 No	0.3	Element Fault
TWL068	730	'43781695_/5772156'	0.33	0.57	3.33	0.55	0.2	0.9	1.07 No	0.2	Element Fault
TWL068	731	'379276675_/358560719'	0.33	0.57	3.33	0.55	0.2	0.89	1.07 No	0.2	Element Fault
TWL068	732	'43781684_/43781686'	0.33	0.57	3.33	0.55	0.2	0.89	1.07 No	0.2	Element Fault
TWL068	733	'5777026_/5777036'	0.33	0.57	3.33	0.55	0.3	0.89	1.07 No	0.3	Element Fault
TWL068	734	'5772289_/43781786'	0.33	0.57	3.33	0.55	0.5	0.89	1.07 No	0.33	Primary Over-Voltage
TWL068	735	'43784929_/43784931'	0.33	0.53	3.33	0.55	0.5	0.88	1.07 No	0.33	Primary Over-Voltage
TWL068	736	'5776974_/5777023'	0.33	0.53	3.33	0.55	0.3	0.88	1.07 No	0.3	Element Fault
TWL068	737	'5772133_/5772143'	0.33	0.53	3.33	0.55	0.2	0.88	1.07 No	0.2	Element Fault
TWL068	738	'5771731_/5771741'	0.33	0.53	3.33	0.55	0.2	0.87	1.07 No	0.2	Element Fault
TWL068	739	'5776961_/5776971'	0.33	0.53	3.33	0.55	0.3	0.87	1.07 No	0.3	Element Fault
TWL068	740	'5772302_/5772299'	0.33	0.53	3.33	0.55	0.5	0.87	1.07 No	0.33	Primary Over-Voltage
TWL068	741	'5776565_/5796247'	0.33	0.53	3.33	0.55	0.5	0.87	1.07 No	0.33	Primary Over-Voltage
TWL068	742	'5772132_/5772130'	0.33	0.53	3.33	0.55	0.2	0.86	1.07 No	0.2	Element Fault
TWL068	743	'43782516_/43782518'	0.33	0.53	3.33	0.55	0.3	0.86	1.07 No	0.3	Element Fault
TWL068	744	'5771718_/5771728'	0.33	0.53	3.33	0.55	0.2	0.86	1.07 No	0.2	Element Fault
TWL068	745	'5776552_/5776562'	0.33	0.53	3.33	0.55	0.5	0.85	1.07 No	0.33	Primary Over-Voltage
TWL068	746	'5774510_/5774520'	0.33	0.53	3.33	0.55	0.2	0.85	1.07 No	0.2	Element Fault
TWL068	747	'5776960_/5776958'	0.33	0.53	3.33	0.55	0.3	0.85	1.07 No	0.3	Element Fault
TWL068	748	'5771267_/5772312'	0.33	0.53	3.33	0.55	0.5	0.85	1.07 No	0.33	Primary Over-Voltage
TWL068	749	'5776987_/5776997'	0.33	0.53	3.33	0.55	0.3	0.85	1.07 No	0.3	Element Fault

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TWL068	750	'5776539_/_5776549'	0.33	0.53	3.33	0.55	0.5	0.85	1.07 No	0.33	Primary Over-Voltage
TWL068	751	'5774497_/_5774507'	0.3	0.53	3.33	0.55	0.2	0.84	1.07 No	0.2	Element Fault
TWL068	752	'43781673_/_43781675'	0.3	0.53	3.33	0.55	0.2	0.84	1.07 No	0.2	Element Fault
TWL068	753	'5776947_/_5777636'	0.33	0.53	3.33	0.55	0.3	0.84	1.07 No	0.3	Element Fault
TWL068	754	'5771268_/_5771265'	0.3	0.53	3.33	0.55	0.5	0.84	1.07 No	0.3	Primary Over-Voltage
TWL068	755	'5776986_/_5776984'	0.33	0.5	3.33	0.55	0.3	0.84	1.07 No	0.3	Element Fault
TWL068	756	'5776935_/_5776945'	0.33	0.5	3.33	0.55	0.3	0.83	1.07 No	0.3	Element Fault
TWL068	757	'43782419_/_43782421'	0.3	0.5	3.33	0.55	0.5	0.83	1.07 No	0.3	Primary Over-Voltage
TWL068	758	'43781706_/_43781708'	0.3	0.5	3.33	0.55	0.2	0.82	1.07 No	0.2	Element Fault
TWL068	759	'5771284_/_5771281'	0.3	0.5	3.33	0.55	0.5	0.82	1.07 No	0.3	Primary Over-Voltage
TWL068	760	'5776922_/_5776932'	0.3	0.5	3.33	0.55	0.3	0.82	1.07 No	0.3	Primary Over-Voltage
TWL068	761	'5776513_/_5776523'	0.3	0.5	3.33	0.55	0.5	0.82	1.07 No	0.3	Primary Over-Voltage
TWL068	762	'5774471_/_5774481'	0.3	0.5	3.33	0.55	0.2	0.81	1.07 No	0.2	Element Fault
TWL068	763	'5776909_/_5776919'	0.3	0.5	3.33	0.55	0.3	0.81	1.07 No	0.3	Primary Over-Voltage
TWL068	764	'5776500_/_5776510'	0.3	0.5	3.33	0.55	0.5	0.8	1.07 No	0.3	Primary Over-Voltage
TWL068	765	'5774458_/_5774468'	0.3	0.5	3.33	0.55	0.2	0.79	1.07 No	0.2	Element Fault
TWL068	766	'5776499_/_5776497'	0.3	0.5	3.33	0.55	0.5	0.79	1.07 No	0.3	Primary Over-Voltage
TWL068	767	'5776908_/_5776906'	0.3	0.5	3.33	0.55	0.3	0.79	1.07 No	0.3	Primary Over-Voltage
TWL068	768	'5774393_/_5774455'	0.3	0.47	3.33	0.55	0.2	0.78	1.07 No	0.2	Element Fault
TWL068	769	'43782441_/_43782443'	0.3	0.47	3.33	0.55	0.3	0.78	1.07 No	0.3	Primary Over-Voltage
TWL068	770	'5774392_/_5774390'	0.3	0.47	3.33	0.55	0.2	0.77	1.07 No	0.2	Element Fault
TWL068	771	'45374439_/_5776890'	0.3	0.47	3.33	0.55	0.3	0.77	1.07 No	0.3	Primary Over-Voltage
TWL068	772	'5774406_/_5774403'	0.3	0.47	3.33	0.55	0.2	0.77	1.07 No	0.2	Element Fault
TWL068	773	'5774419_/_5774416'	0.27	0.47	3.33	0.55	0.2	0.76	1.07 No	0.2	Element Fault
TWL068	774	'5774432_/_5774429'	0.27	0.47	3.33	0.55	0.2	0.75	1.07 No	0.2	Element Fault
TWL068	775	'5774445_/_5774442'	0.27	0.47	3.33	0.55	0.2	0.74	1.07 No	0.2	Element Fault
TWL069	0	'TWL069_/_9310164'	10	10	10	1.64	10	10	10 No	1.64	Thermal Discharging
TWL069	1	'9309807_/_9310164'	10	10	10	1.64	10	10	2.74 No	1.64	Thermal Discharging
TWL069	2	'9309806_/_9309804'	10	10	10	1.64	10	10	2.74 No	1.64	Thermal Discharging
TWL069	3	'9622515_/_9622653'	10	10	10	1.64	10	10	2.74 No	1.64	Thermal Discharging
TWL069	4	'9622516_/_9622513'	10	10	10	1.64	10	10	2.74 No	1.64	Thermal Discharging
TWL069	5	'8991577_/_9622673'	10	10	10	1.64	10	10	2.74 No	1.64	Thermal Discharging
TWL069	6	'8991578_/_8991575'	10	10	10	1.64	10	10	2.74 No	1.64	Thermal Discharging
TWL069	7	'8737968_/_9309924'	10	10	10	1.64	10	10	2.74 No	1.64	Thermal Discharging
TWL069	8	'8737969_/_8737966'	8.3	10	10	1.64	10	10	2.74 No	1.64	Thermal Discharging
TWL069	9	'8976463_/_9289865'	7.6	10	10	1.64	10	10	2.74 No	1.64	Thermal Discharging
TWL069	10	'7712576_/_8976461'	6.9	10	10	1.64	10	10	2.74 No	1.64	Thermal Discharging
TWL069	11	'7712575_/_7712573'	6.2	10	10	1.64	10	10	2.74 No	1.64	Thermal Discharging
TWL069	12	'9289707_/_9289705'	5.6	10	10	1.64	10	10	2.74 No	1.64	Thermal Discharging
TWL069	13	'9290272_/_9604359'	5	10	10	1.64	10	10	2.74 No	1.64	Thermal Discharging
TWL069	14	'7477955_/_9290269'	4.6	10	10	1.64	10	10	2.74 No	1.64	Thermal Discharging
TWL069	15	'7477954_/_7477952'	4.3	10	10	1.64	10	10	2.74 No	1.64	Thermal Discharging
TWL069	16	'9310247_/_9622253'	4	10	10	1.64	10	10	2.74 No	1.64	Thermal Discharging
TWL069	17	'9310246_/_9310244'	3.8	10	10	1.64	10	10	2.74 No	1.64	Thermal Discharging
TWL069	18	'8053030_/_9622793'	3.8	10	10	1.64	10	10	2.74 No	1.64	Thermal Discharging
TWL069	19	'8053029_/_8053027'	3.7	10	10	1.64	10	10	2.74 No	1.64	Thermal Discharging
TWL069	20	'8678425_/_9622233'	3.6	10	10	1.64	10	10	2.74 No	1.64	Thermal Discharging
TWL069	21	'8110636_/_8678422'	3.5	10	10	1.64	10	10	2.74 No	1.64	Thermal Discharging
TWL069	22	'8110637_/_8110634'	3.4	10	10	1.64	10	10	2.74 No	1.64	Thermal Discharging
TWL069	23	'8656298_/_8656296'	3.3	10	10	1.64	10	10	2.74 No	1.64	Thermal Discharging
TWL069	24	'8656279_/_9604319'	3.1	10	10	1.64	10	10	2.74 No	1.64	Thermal Discharging
TWL069	25	'8656278_/_8656276'	3	10	10	1.64	10	10	2.74 No	1.64	Thermal Discharging
TWL069	26	'8035144_/_8976441'	2.9	9.8	10	1.64	10	10	2.74 No	1.64	Thermal Discharging
TWL069	27	'8035143_/_8035141'	2.8	9.4	10	1.64	10	10	2.74 No	1.64	Thermal Discharging
TWL069	28	'8649715_/_8737694'	2.7	9	10	1.64	10	10	2.74 No	1.64	Thermal Discharging
TWL069	29	'8411686_/_8649713'	2.6	8.7	10	1.64	10	10	2.74 No	1.64	Thermal Discharging
TWL069	30	'8411687_/_8411684'	2.5	8.4	10	1.64	10	10	2.74 No	1.64	Thermal Discharging
TWL069	31	'7729390_/_9308772'	2.4	8.1	10	1.64	10	10	2.74 No	1.64	Thermal Discharging
TWL069	32	'7729391_/_7729388'	2.3	7.8	10	1.64	10	10	2.74 No	1.64	Thermal Discharging
TWL069	33	'8051832_/_8051829'	2.3	7.6	10	1.64	10	10	2.74 No	1.64	Thermal Discharging
TWL069	34	'8364825_/_8364822'	2.2	7.4	10	1.64	10	9.98	2.74 No	1.64	Thermal Discharging
TWL069	35	'7729040_/_8994791'	2.1	7.1	10	1.64	10	9.73	2.74 No	1.64	Thermal Discharging
TWL069	36	'7728920_/_7729038'	2.1	6.8	10	1.64	10	9.41	2.74 No	1.64	Thermal Discharging
TWL069	37	'7728921_/_7728918'	2	6.7	10	1.64	10	9.22	2.74 No	1.64	Thermal Discharging
TWL069	38	'7728941_/_7728938'	2	6.6	10	1.64	10	9.15	2.74 No	1.64	Thermal Discharging
TWL069	39	'7516642_/_7728958'	2	6.5	10	1.64	10	8.97	2.74 No	1.64	Thermal Discharging
TWL069	40	'7516643_/_7516640'	1.9	6.2	10	1.64	10	8.71	2.74 No	1.64	Thermal Discharging
TWL069	41	'38050974_/_9721136'	1.6	5.2	10	1.64	10	7.48	2.74 No	1.6	Primary Over-Voltage
TWL069	42	'404716500_/_38050997'	1.6	5.2	10	1.64	10	7.48	2.74 No	1.6	Primary Over-Voltage
TWL069	43	'38051021_/_38051060'	1.6	5.2	10	1.64	10	7.48	2.74 No	1.6	Primary Over-Voltage
TWL069	44	'38050982_/_38051039'	1.6	5.2	10	1.64	4.7	7.48	2.74 No	1.6	Primary Over-Voltage
TWL069	45	'9061974_/_9061971'	0.6	1.8	6.67	1.1	3.13	4.96	1.82 No	0.6	Primary Over-Voltage
TWL069	46	'39432363_/_9408378'	1.6	5.1	10	1.64	4.7	7.38	2.74 No	1.6	Primary Over-Voltage
TWL069	47	'39432377_/_72780598'	0.9	2.7	10	1.64	4.7	7.38	2.74 No	0.9	Primary Over-Voltage
TWL069	48	'7483127_/_8458024'	1.5	4.9	10	1.64	10	7.05	2.74 No	1.5	Primary Over-Voltage
TWL069	49	'7795296_/_7795293'	0.9	2.7	10	1.64	4.7	6.95	2.74 No	0.9	Primary Over-Voltage
TWL069	50	'39463880_/_7483124'	1.5	4.6	10	1.64	10	6.7	2.74 No	1.5	Primary Over-Voltage
TWL069	51	'7484796_/_9061991'	0.9	2.7	10	1.64	4.7	6.69	2.74 No	0.9	Primary Over-Voltage
TWL069	52	'38012030_/_38012028'	0.9	2.7	10	1.64	4.7	6.52	2.74 No	0.9	Primary Over-Voltage
TWL069	53	'39433077_/_73559855'	0.9	2.7	10	1.64	4.7	6.52	2.74 No	0.9	Primary Over-Voltage
TWL069	54	'39432990_/_38012035'	0.9	2.7	10	1.64	4.7	6.52	2.74 No	0.9	Primary Over-Voltage
TWL069	55	'39433079_/_38012049'	0.9	2.7	10	1.64	4.7	6.52	2.74 No	0.9	Primary Over-Voltage
TWL069	56	'39432983_/_9378004'	0.9	2.7	10	1.64	4.7	6.5	2.74 No	0.9	Primary Over-Voltage
TWL069	57	'38035796_/_49445300'	1.4	4.4	10	1.64	10	6.41	2.74 No	1.4	Primary Over-Voltage
TWL069	58	'404728651_/_38035794'	1.4	4.4	10	1.64	10	6.41	2.74 No	1.4	Primary Over-Voltage
TWL069	59	'38035797_/_73559800'	1.4	4.4	10	1.64	10	6.41	2.74 No	1.4	Primary Over-Voltage
TWL069	60	'7515910_/_73559811'	1.4	4.4	10	1.64	5	6.41	2.74 No	1.4	Primary Over-Voltage
TWL069	61	'38035818_/_38050965'	1.4	4.4	10	1.64	10	6.41	2.74 No	1.4	Primary Over-Voltage
TWL069	62	'9395398_/_9395396'	1.4	4.3	10	1.64	5	6.28	2.74 No	1.4	Primary Over-Voltage
TWL069	63	'8115439_/_9707274'	1.4	4.3	10	1.64	5	6.28	2.74 No	1.4	Primary Over-Voltage
TWL069	64	'38041780_/_7483654'	1.4	4.3	10	1.64	5	6.28	2.74 No	1.4	Primary Over-Voltage
TWL069	65	'38041751_/_38041784'	1.4	4.3	10	1.64	5	6.28	2.74 No	1.4	Primary Over-Voltage
TWL069	66	'38041752_/_38041749'	1.4	4.3	10	1.64	5	6.28	2.74 No	1.4	Primary Over-Voltage
TWL069	67	'38041766_/_38041763'	1.4	4.2	10	1.64	5	6.26	2.74 No	1.4	Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TWL069	68	'38041794_/_38041791'		1.3	4.2	10	1.64	10	6.16	2.74 No	1.3 Primary Over-Voltage
TWL069	69	'49210624_/_49210613'		1.3	4.1	10	1.64	5	6.12	2.74 No	1.3 Primary Over-Voltage
TWL069	70	'7414852_/_8115436'		0.9	2.7	10	1.64	4.7	6.08	2.74 No	0.9 Primary Over-Voltage
TWL069	71	'8142953_/_9687732'		0.9	2.7	10	1.64	4.7	6.08	2.74 No	0.9 Primary Over-Voltage
TWL069	72	'38051056_/_8116228'		0.9	2.7	10	1.64	4.7	6.08	2.74 No	0.9 Primary Over-Voltage
TWL069	73	'404715788_/_38051076'		0.9	2.7	10	1.64	4.7	6.08	2.74 No	0.9 Primary Over-Voltage
TWL069	74	'38051100_/_38051097'		0.9	2.7	10	1.64	4.7	5.97	2.74 No	0.9 Primary Over-Voltage
TWL069	75	'38051086_/_38051083'		1.3	4	10	1.64	5	5.9	2.74 No	1.3 Primary Over-Voltage
TWL069	76	'391281485_/_9379056'		0.9	2.7	10	1.64	4.7	5.84	2.74 No	0.9 Primary Over-Voltage
TWL069	77	'7483140_/_8142951'		0.9	2.7	10	1.64	4.7	5.82	2.74 No	0.9 Primary Over-Voltage
TWL069	78	'8426956_/_8426954'		1.2	3.8	10	1.64	5	5.73	2.74 No	1.2 Primary Over-Voltage
TWL069	79	'39432637_/_38001340'		0.9	2.8	10	1.64	5	5.65	2.74 No	0.9 Primary Over-Voltage
TWL069	80	'38051114_/_391281503'		0.9	2.8	10	1.64	5	5.65	2.74 No	0.9 Primary Over-Voltage
TWL069	81	'38051128_/_38051125'		0.9	2.7	10	1.64	4.7	5.7	2.74 No	0.9 Primary Over-Voltage
TWL069	82	'38051142_/_38051139'		1.1	2.9	10	1.64	5	5.65	2.74 No	1.1 Primary Over-Voltage
TWL069	83	'38001342_/_38051118'		0.9	2.7	10	1.64	4.7	5.69	2.74 No	0.9 Primary Over-Voltage
TWL069	84	'9376266_/_9376264'		0.9	2.8	10	1.64	5	5.58	2.74 No	0.9 Primary Over-Voltage
TWL069	85	'437284383_/_432853362'		0.9	2.7	10	1.64	4.7	5.61	2.74 No	0.9 Primary Over-Voltage
TWL069	86	'38041353_/_7822034'		1.2	3.7	10	1.64	5	5.56	2.74 No	1.2 Primary Over-Voltage
TWL069	87	'38051007_/_38051004'		0.9	2.8	10	1.64	5	5.51	2.74 No	0.9 Primary Over-Voltage
TWL069	88	'38041367_/_38041371'		1.2	3.6	10	1.64	10	5.45	2.74 No	1.2 Primary Over-Voltage
TWL069	89	'38041380_/_38051025'		1.2	3.6	10	1.64	10	5.45	2.74 No	1.2 Primary Over-Voltage
TWL069	90	'381100789_/_382992304'		1.2	3.6	10	1.64	10	5.45	2.74 No	1.2 Primary Over-Voltage
TWL069	91	'385016790_/_385016796'		1.2	3.6	10	1.64	10	5.45	2.74 No	1.2 Primary Over-Voltage
TWL069	92	'8115793_/_8115790'		1.2	3.6	10	1.64	10	5.45	2.74 No	1.2 Primary Over-Voltage
TWL069	93	'9688371_/_9688388'		0.9	2.8	10	1.64	5	5.48	2.74 No	0.9 Primary Over-Voltage
TWL069	94	'429996138_/_437284443'		0.9	2.8	10	1.64	1.5	5.48	2.74 No	0.9 Primary Over-Voltage
TWL069	95	'247855747_/_247855778'		0.9	2.8	10	1.64	1.7	5.48	2.74 No	0.9 Primary Over-Voltage
TWL069	96	'37934200_/_7414849'		0.9	2.8	10	1.64	5	5.48	2.74 No	0.9 Primary Over-Voltage
TWL069	97	'391075552_/_9088117'		0.8	2.4	6.67	1.1	3.8	3.61	1.82 No	0.8 Primary Over-Voltage
TWL069	98	'404571689_/_37934197'		1.2	3.6	10	1.64	5.7	5.42	2.74 No	1.2 Primary Over-Voltage
TWL069	99	'37934151_/_37934155'		1.2	3.6	10	1.64	5.8	5.42	2.74 No	1.2 Primary Over-Voltage
TWL069	100	'37934165_/_37934162'		1.2	3.6	10	1.64	5.8	5.42	2.74 No	1.2 Primary Over-Voltage
TWL069	101	'37934186_/_37934190'		0.4	1.2	3.33	0.55	1.93	1.81	0.91 No	0.4 Primary Over-Voltage
TWL069	102	'247855827_/_247855837'		1.2	3.6	10	1.64	5.8	5.42	2.74 No	1.2 Primary Over-Voltage
TWL069	103	'473200063_/_473200067'		0.9	2.8	10	1.64	5	5.46	2.74 No	0.9 Primary Over-Voltage
TWL069	104	'391075516_/_383109745'		0.9	2.8	10	1.64	5	5.45	2.74 No	0.9 Primary Over-Voltage
TWL069	105	'391075403_/_383109520'		1.2	3.5	10	1.64	5.7	5.33	2.74 No	1.2 Primary Over-Voltage
TWL069	106	'391075506_/_383109512'		1.2	3.5	10	1.64	5.7	5.33	2.74 No	1.2 Primary Over-Voltage
TWL069	107	'391075496_/_383109536'		1.2	3.5	10	1.64	5.7	5.33	2.74 No	1.2 Primary Over-Voltage
TWL069	108	'391075526_/_383109528'		1.2	3.5	10	1.64	5.7	5.33	2.74 No	1.2 Primary Over-Voltage
TWL069	109	'473200080_/_473200084'		1.2	3.5	10	1.64	5.7	5.31	2.74 No	1.2 Primary Over-Voltage
TWL069	110	'37934088_/_8051793'		0.4	1.17	3.33	0.55	0.4	1.76	0.91 No	0.4 Primary Over-Voltage
TWL069	111	'37934095_/_37934092'		1.2	3.5	10	1.64	4.7	5.28	2.74 No	1.2 Primary Over-Voltage
TWL069	112	'385016829_/_385016921'		1.2	3.5	10	1.64	4.7	5.28	2.74 No	1.2 Primary Over-Voltage
TWL069	113	'37934116_/_37934120'		1.2	3.5	10	1.64	2.6	5.28	2.74 No	1.2 Primary Over-Voltage
TWL069	114	'37934102_/_37934099'		1.2	3.5	10	1.64	4.7	5.28	2.74 No	1.2 Primary Over-Voltage
TWL069	115	'391075544_/_383109773'		1.2	3.5	10	1.64	4.7	5.27	2.74 No	1.2 Primary Over-Voltage
TWL069	116	'384824557_/_384824554'		0.4	1.17	3.33	0.55	0.4	1.76	0.91 No	0.4 Primary Over-Voltage
TWL069	117	'384824573_/_384824570'		1.1	3.5	10	1.64	10	5.25	2.74 No	1.1 Primary Over-Voltage
TWL069	118	'384824565_/_8051753'		1.1	3.5	10	1.64	10	5.25	2.74 No	1.1 Primary Over-Voltage
TWL069	119	'384824542_/_384824562'		1.1	3.5	10	1.64	4.8	5.25	2.74 No	1.1 Primary Over-Voltage
TWL069	120	'400720225_/_384824540'		1.1	3.5	10	1.64	10	5.25	2.74 No	1.1 Primary Over-Voltage
TWL069	121	'90445011_/_8676206'		1.1	3.5	10	1.64	10	5.25	2.74 No	1.1 Primary Over-Voltage
TWL069	122	'90445022_/_5744937_2'		1.1	3.5	10	1.64	5	5.28	2.74 No	1.1 Primary Over-Voltage
TWL069	123	'37934452_/_37934456'		1.1	3.5	10	1.64	5.4	5.23	2.74 No	1.1 Primary Over-Voltage
TWL069	124	'37934494_/_37934491'		1.1	3.5	10	1.64	5.4	5.23	2.74 No	1.1 Primary Over-Voltage
TWL069	125	'404572032_/_404572029'		1.1	3.5	10	1.64	5.4	5.22	2.74 No	1.1 Primary Over-Voltage
TWL069	126	'37934444_/_9308576'		1.1	3.5	10	1.64	5.4	5.22	2.74 No	1.1 Primary Over-Voltage
TWL069	127	'37934445_/_37934442'		1.1	3.5	10	1.64	5.4	5.22	2.74 No	1.1 Primary Over-Voltage
TWL069	128	'50467518_/_50468076'		1.1	3.5	10	1.64	1.1	5.22	2.74 No	1.1 Primary Over-Voltage
TWL069	129	'404484117_/_50467516'		0.9	2.8	10	1.64	5	5.26	2.74 No	0.9 Primary Over-Voltage
TWL069	130	'50467506_/_50467510'		0.9	2.8	10	1.64	5	5.26	2.74 No	0.9 Primary Over-Voltage
TWL069	131	'50467494_/_50467492'		0.9	2.8	10	1.64	5	5.26	2.74 No	0.9 Primary Over-Voltage
TWL069	132	'50467482_/_50467486'		0.9	2.8	10	1.64	5	5.26	2.74 No	0.9 Primary Over-Voltage
TWL069	133	'247855806_/_247855897'		0.9	2.8	10	1.64	5	5.26	2.74 No	0.9 Primary Over-Voltage
TWL069	134	'9060615_/_9688368'		1.1	3.4	10	1.64	2.6	5.19	2.74 No	1.1 Primary Over-Voltage
TWL069	135	'445744990_/_445744987'		0.9	2.7	10	1.64	4.7	5.25	2.74 No	0.9 Primary Over-Voltage
TWL069	136	'37933990_/_445744963'		1.1	3.4	10	1.64	10	5.15	2.74 No	1.1 Primary Over-Voltage
TWL069	137	'404571531_/_445744975'		0.3	0.9	3.33	0.55	1.57	1.8	0.91 No	0.3 Primary Over-Voltage
TWL069	138	'449039830_/_449039827'		1.1	3.4	10	1.64	4.8	5.13	2.74 No	1.1 Primary Over-Voltage
TWL069	139	'38040688_/_38040685'		1.1	3.4	10	1.64	4.8	5.13	2.74 No	1.1 Primary Over-Voltage
TWL069	140	'38041388_/_391075622'		1.1	3.4	10	1.64	2.3	5.13	2.74 No	1.1 Primary Over-Voltage
TWL069	141	'38041024_/_38041022'		1.1	3.4	10	1.64	2.3	5.13	2.74 No	1.1 Primary Over-Voltage
TWL069	142	'38040702_/_38040699'		1.1	3.4	10	1.64	4.8	5.13	2.74 No	1.1 Primary Over-Voltage
TWL069	143	'445744978_/_7728766'		0.4	1.13	3.33	0.55	0.4	1.71	0.91 No	0.4 Primary Over-Voltage
TWL069	144	'38040687_/_38041385'		1.1	3.4	10	1.64	5	5.16	2.74 No	1.1 Primary Over-Voltage
TWL069	145	'445744958_/_445744955'		1.1	3.4	10	1.64	5	5.16	2.74 No	1.1 Primary Over-Voltage
TWL069	146	'8051615_/_8994643'		1.1	3.4	10	1.64	5	5.16	2.74 No	1.1 Primary Over-Voltage
TWL069	147	'50467808_/_50467783'		1.1	3.4	10	1.64	5	5.16	2.74 No	1.1 Primary Over-Voltage
TWL069	148	'7484781_/_7484794'		1.1	3.4	10	1.64	5	5.16	2.74 No	1.1 Primary Over-Voltage
TWL069	149	'447948668_/_54546971'		0.9	2.8	10	1.64	5	5.15	2.74 No	0.9 Primary Over-Voltage
TWL069	150	'54546796_/_447948665'		0.4	1.13	3.33	0.55	0.4	1.7	0.91 No	0.4 Primary Over-Voltage
TWL069	151	'447948660_/_447948657'		1.1	3.3	10	1.64	10	5.05	2.74 No	1.1 Primary Over-Voltage
TWL069	152	'447948684_/_447948681'		0.3	0.9	3.33	0.55	1.57	1.77	0.91 No	0.3 Primary Over-Voltage
TWL069	153	'447948676_/_447948673'		1.1	3.3	10	1.64	5	5.09	2.74 No	1.1 Primary Over-Voltage
TWL069	154	'5744909_/_5744937_1'		0.6	1.87	6.67	1.1	1.13	3.38	1.82 No	0.6 Primary Over-Voltage
TWL069	155	'38041332_/_9060613'		1.1	3.3	10	1.64	5.8	5.03	2.74 No	1.1 Primary Over-Voltage
TWL069	156	'38041289_/_38041329'		1.1	3.3	10	1.64	5.8	5.03	2.74 No	1.1 Primary Over-Voltage
TWL069	157	'38041290_/_38041287'		1.1	3.3	10	1.64	5.8	5.03	2.74 No	1.1 Primary Over-Voltage
TWL069	158	'38041318_/_38041322'		1.1	3.3	10	1.64	5.8	5.03	2.74 No	1.1 Primary Over-Voltage
TWL069	159	'38041304_/_38041301'		1.1	3.3	10	1.64	5.8	5.03	2.74 No	1.1 Primary Over-Voltage
TWL069	160	'90444857_/_9621363_1'		0.4	1.1	3.33	0.55	0.4	1.67	0.91 No	0.4 Primary Over-Voltage
TWL069	161	'7822076_/_7822074'		0.4	1.1	3.33	0.55	0.4	1.66	0.91 No	0.4 Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TWL069	162	'50468293_/_50467908'	1.1	3.3	10	1.64	10	4.97	2.74 No	1.1	Primary Over-Voltage
TWL069	163	'54547259_/_54547004'	1.1	3.3	10	1.64	5	5.03	2.74 No	1.1	Primary Over-Voltage
TWL069	164	'7484780_/_7484778'	1.1	3.3	10	1.64	1.5	5.03	2.74 No	1.1	Primary Over-Voltage
TWL069	165	'7483175_/_9376324'	0.4	1.1	3.33	0.55	0.4	1.66	0.91 No	0.4	Primary Over-Voltage
TWL069	166	'386118146_/_386118126'	1	3.3	10	1.64	5	5.01	2.74 No	1	Primary Over-Voltage
TWL069	167	'90445413_/_43776506'	1	3.3	10	1.64	1.5	5	2.74 No	1	Primary Over-Voltage
TWL069	168	'37934228_/_7729478'	0.3	0.9	3.33	0.55	1.57	1.73	0.91 No	0.3	Primary Over-Voltage
TWL069	169	'268275770_/_247856892_1'	1.1	3.3	10	1.64	4.8	4.94	2.74 No	1.1	Primary Over-Voltage
TWL069	170	'92039452_/_92039465'	1.1	3.3	10	1.64	4.8	4.94	2.74 No	1.1	Primary Over-Voltage
TWL069	171	'92039482_/_92039486'	1.1	3.3	10	1.64	4.8	4.94	2.74 No	1.1	Primary Over-Voltage
TWL069	172	'92039453_/_92039449'	1.1	3.3	10	1.64	2.4	4.94	2.74 No	1.1	Primary Over-Voltage
TWL069	173	'92039498_/_92039494'	1.1	3.3	10	1.64	2.4	4.94	2.74 No	1.1	Primary Over-Voltage
TWL069	174	'247856882_/_247856892_2'	0.9	2.5	10	1.64	4.7	5.02	2.74 No	0.9	Primary Over-Voltage
TWL069	175	'90445452_/_90445425'	1	3.3	10	1.64	0.9	4.99	2.74 No	0.9	Element Fault
TWL069	176	'76098270_/_76098274'	1.1	3.2	10	1.64	10	4.91	2.74 No	1.1	Primary Over-Voltage
TWL069	177	'9376506_/_9376504_2'	1.1	3.2	10	1.64	5.4	4.92	2.74 No	1.1	Primary Over-Voltage
TWL069	178	'5751691_/_9376504_1'	0.73	2.13	6.67	1.1	0.8	3.27	1.82 No	0.73	Primary Over-Voltage
TWL069	179	'90446254_/_90445310_2'	1	3.2	10	1.64	0.9	4.95	2.74 No	0.9	Element Fault
TWL069	180	'5743190_/_247856958'	0.4	1.07	3.33	0.55	0.4	1.63	0.91 No	0.4	Primary Over-Voltage
TWL069	181	'458073193_/_7483172'	0.73	2.13	6.67	1.1	0.8	3.26	1.82 No	0.73	Primary Over-Voltage
TWL069	182	'5751692_/_5751689'	1	3.2	10	1.64	1.5	4.92	2.74 No	1	Primary Over-Voltage
TWL069	183	'54547852_/_54547904'	1.1	3.2	10	1.64	5.7	4.88	2.74 No	1.1	Primary Over-Voltage
TWL069	184	'454856419_/_447948854_2'	1.1	3.2	10	1.64	5.7	4.88	2.74 No	1.1	Primary Over-Voltage
TWL069	185	'54547837_/_447948854_1'	1.1	3.2	10	1.64	5.7	4.88	2.74 No	1.1	Primary Over-Voltage
TWL069	186	'54547838_/_447948862'	1.1	3.2	10	1.64	5.7	4.88	2.74 No	1.1	Primary Over-Voltage
TWL069	187	'54547876_/_447948870'	1.1	3.2	10	1.64	5.7	4.88	2.74 No	1.1	Primary Over-Voltage
TWL069	188	'452891203_/_447948846'	0.4	1.07	3.33	0.55	0.4	1.62	0.91 No	0.4	Primary Over-Voltage
TWL069	189	'8676461_/_8994919_1'	1	3.2	10	1.64	5	4.89	2.74 No	1	Primary Over-Voltage
TWL069	190	'8117082_/_8117080'	1.1	3.2	10	1.64	5.4	4.84	2.74 No	1.1	Primary Over-Voltage
TWL069	191	'8426788_/_467644866'	1	3.2	10	1.64	10	4.81	2.74 No	1	Primary Over-Voltage
TWL069	192	'50983501_/_50983405'	1.1	3.2	10	1.64	1.5	4.84	2.74 No	1.1	Primary Over-Voltage
TWL069	193	'69652719_/_8676188_2'	1.1	3.2	10	1.64	1.5	4.83	2.74 No	1.1	Primary Over-Voltage
TWL069	194	'7659304_/_395838889'	0.9	2.8	10	1.64	1.5	4.87	2.74 No	0.9	Primary Over-Voltage
TWL069	195	'9621277_/_9621363_2'	0.9	2.8	10	1.64	5	4.87	2.74 No	0.9	Primary Over-Voltage
TWL069	196	'8994922_/_8994919_2'	0.9	2.8	10	1.64	1.6	4.87	2.74 No	0.9	Primary Over-Voltage
TWL069	197	'43776539_/_8676188_1'	0.67	2.13	6.67	1.1	0.8	3.21	1.82 No	0.67	Primary Over-Voltage
TWL069	198	'8676078_/_467644847'	0.9	2.8	10	1.64	1.7	4.86	2.74 No	0.9	Primary Over-Voltage
TWL069	199	'43776628_/_5751706'	0.9	2.8	10	1.64	5	4.86	2.74 No	0.9	Primary Over-Voltage
TWL069	200	'37934312_/_8364752'	1	3.2	10	1.64	2.4	4.81	2.74 No	1	Primary Over-Voltage
TWL069	201	'404571834_/_37934316_1'	0.9	2.8	10	1.64	5	4.84	2.74 No	0.9	Primary Over-Voltage
TWL069	202	'404571835_/_404571832'	0.9	2.8	10	1.64	1.6	4.84	2.74 No	0.9	Primary Over-Voltage
TWL069	203	'37934319_/_37934316_2'	1	3.1	10	1.64	2.6	4.8	2.74 No	1	Primary Over-Voltage
TWL069	204	'37934326_/_37934323'	1	3.1	10	1.64	10	4.75	2.74 No	1	Primary Over-Voltage
TWL069	205	'37934340_/_37934344'	0.4	1.03	3.33	0.55	0.4	1.59	0.91 No	0.4	Primary Over-Voltage
TWL069	206	'8051739_/_9621275'	0.3	0.9	3.33	0.55	1.4	1.66	0.91 No	0.3	Primary Over-Voltage
TWL069	207	'150026345_/_8994683'	0.47	1.47	6.67	1.1	1.6	3.17	1.82 No	0.47	Primary Over-Voltage
TWL069	208	'458073285_/_458073304'	0.9	2.8	10	1.64	1.6	4.78	2.74 No	0.9	Primary Over-Voltage
TWL069	209	'8676224_/_150026350'	1	3.1	10	1.64	5	4.78	2.74 No	1	Primary Over-Voltage
TWL069	210	'76098289_/_76098293'	1	3.1	10	1.64	10	4.7	2.74 No	1	Primary Over-Voltage
TWL069	211	'88392411_/_8676222_1'	1	3.1	10	1.64	10	4.7	2.74 No	1	Primary Over-Voltage
TWL069	212	'63837582_/_43776541'	1	3.1	10	1.64	10	4.7	2.74 No	1	Primary Over-Voltage
TWL069	213	'5744458_/_8676222_2'	1	3.1	10	1.64	10	4.7	2.74 No	1	Primary Over-Voltage
TWL069	214	'348092934_/_331509278'	1	3.1	10	1.64	10	4.7	2.74 No	1	Primary Over-Voltage
TWL069	215	'344345996_/_331509270'	1	3.1	10	1.64	4.8	4.7	2.74 No	1	Primary Over-Voltage
TWL069	216	'348092947_/_331509286'	1	3.1	10	1.64	10	4.7	2.74 No	1	Primary Over-Voltage
TWL069	217	'348092953_/_331509294'	1	3.1	10	1.64	4.8	4.7	2.74 No	1	Primary Over-Voltage
TWL069	218	'56251556_/_383109943'	1	3.1	10	1.64	5.1	4.7	2.74 No	1	Primary Over-Voltage
TWL069	219	'61972210_/_61972273'	0.4	1.03	3.33	0.55	0.4	1.58	0.91 No	0.4	Primary Over-Voltage
TWL069	220	'348092941_/_483147961'	0.67	2.07	6.67	1.1	0.6	3.16	1.82 No	0.6	Element Fault
TWL069	221	'331509205_/_331509459'	0.9	2.8	10	1.64	1.7	4.77	2.74 No	0.9	Primary Over-Voltage
TWL069	222	'50983222_/_50983426'	0.67	2.07	6.67	1.1	0.6	3.16	1.82 No	0.6	Element Fault
TWL069	223	'8051740_/_8051737'	0.9	2.8	10	1.64	1.6	4.77	2.74 No	0.9	Primary Over-Voltage
TWL069	224	'8051616_/_8051613'	1	3.1	10	1.64	4.8	4.69	2.74 No	1	Primary Over-Voltage
TWL069	225	'541135493_/_8051513'	0.33	1.03	3.33	0.55	0.77	1.57	0.91 No	0.33	Primary Over-Voltage
TWL069	226	'61971821_/_61971878'	0.6	1.93	6.67	1.1	3.2	3.14	1.82 No	0.6	Primary Over-Voltage
TWL069	227	'8051516_/_541135513'	1	3.1	10	1.64	1.5	4.76	2.74 No	1	Primary Over-Voltage
TWL069	228	'461315378_/_461315401'	0.9	2.8	10	1.64	1.6	4.75	2.74 No	0.9	Primary Over-Voltage
TWL069	229	'90445272_/_90445310_1'	0.9	2.8	10	1.64	1.7	4.75	2.74 No	0.9	Primary Over-Voltage
TWL069	230	'7414619_/_7728714'	0.7	2.2	10	1.64	2.4	4.7	2.74 No	0.7	Primary Over-Voltage
TWL069	231	'458073220_/_458073330'	1	3.1	10	1.64	1.5	4.7	2.74 No	1	Primary Over-Voltage
TWL069	232	'8111136_/_50467702'	0.6	1.93	6.67	1.1	3.2	3.11	1.82 No	0.6	Primary Over-Voltage
TWL069	233	'37927838_/_37927842'	0.9	2.8	10	1.64	1.5	4.71	2.74 No	0.9	Primary Over-Voltage
TWL069	234	'37927817_/_37927835'	1	3	10	1.64	5.7	4.68	2.74 No	1	Primary Over-Voltage
TWL069	235	'37927796_/_37927814'	1	3	10	1.64	5.7	4.68	2.74 No	1	Primary Over-Voltage
TWL069	236	'37927824_/_37927828'	1	3	10	1.64	5.7	4.68	2.74 No	1	Primary Over-Voltage
TWL069	237	'37927803_/_37927800'	1	3	10	1.64	5.7	4.68	2.74 No	1	Primary Over-Voltage
TWL069	238	'37927789_/_37927793'	1	3	10	1.64	5.7	4.68	2.74 No	1	Primary Over-Voltage
TWL069	239	'9617530_/_37927786'	0.4	1	3.33	0.55	0.4	1.56	0.91 No	0.4	Primary Over-Voltage
TWL069	240	'9617489_/_37927807'	1	3	10	1.64	4.8	4.64	2.74 No	1	Primary Over-Voltage
TWL069	241	'538604943_/_538604963'	1	3	10	1.64	5.4	4.67	2.74 No	1	Primary Over-Voltage
TWL069	242	'446714263_/_446714252_1'	1	3	10	1.64	2.4	4.67	2.74 No	1	Primary Over-Voltage
TWL069	243	'57101665_/_331509209'	1	3	10	1.64	2.4	4.67	2.74 No	1	Primary Over-Voltage
TWL069	244	'57101701_/_57101708'	1	3	10	1.64	2.4	4.67	2.74 No	1	Primary Over-Voltage
TWL069	245	'69435281_/_56251575'	1	3	10	1.64	4.8	4.63	2.74 No	1	Primary Over-Voltage
TWL069	246	'5744873_/_446714252_2'	1	3	10	1.64	5.6	4.64	2.74 No	1	Primary Over-Voltage
TWL069	247	'103060469_/_103060474'	1	3	10	1.64	2.5	4.63	2.74 No	1	Primary Over-Voltage
TWL069	248	'8052312_/_473389851'	0.4	1	3.33	0.55	0.4	1.54	0.91 No	0.4	Primary Over-Voltage
TWL069	249	'43776642_/_43776630'	1	3	10	1.64	5.4	4.61	2.74 No	1	Primary Over-Voltage
TWL069	250	'57101632_/_57101729'	0.9	2.8	10	1.64	1.6	4.64	2.74 No	0.9	Primary Over-Voltage
TWL069	251	'386118147_/_386118151'	0.67	2	6.67	1.1	0.6	3.07	1.82 No	0.6	Element Fault
TWL069	252	'7414620_/_473594606'	0.9	2.8	10	1.64	1.5	4.63	2.74 No	0.9	Primary Over-Voltage
TWL069	253	'61971863_/_61972030'	1	3	10	1.64	2.5	4.59	2.74 No	1	Primary Over-Voltage
TWL069	254	'43776309_/_43776311'	1	3	10	1.64	1.5	4.58	2.74 No	1	Primary Over-Voltage
TWL069	255	'90445088_/_90445099'	1	3	10	1.64	1.5	4.61	2.74 No	1	Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage	Regulator	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
				Deviation	Deviation					VSR (MW)	Limiting Threshold
TWL069	256	'475309162_/_475309166'	1		2.9	10	1.64	5.1	4.51	2.74 No	1 Primary Over-Voltage
TWL069	257	'37934298_/_7728826'	1		2.9	10	1.64	4.8	4.53	2.74 No	1 Primary Over-Voltage
TWL069	258	'37934263_/_37934295'	1		2.9	10	1.64	4.8	4.53	2.74 No	1 Primary Over-Voltage
TWL069	259	'37934256_/_37934260'	1		2.9	10	1.64	4.8	4.53	2.74 No	1 Primary Over-Voltage
TWL069	260	'37934270_/_37934267'	1		2.9	10	1.64	4.8	4.53	2.74 No	1 Primary Over-Voltage
TWL069	261	'37934284_/_37934288'	1		2.9	10	1.64	4.8	4.53	2.74 No	1 Primary Over-Voltage
TWL069	262	'86750516_/_96728132'	1		2.9	10	1.64	2.4	4.54	2.74 No	1 Primary Over-Voltage
TWL069	263	'399502398_/_399502599'	0.4		0.97	3.33	0.55	0.4	1.51	0.91 No	0.4 Primary Over-Voltage
TWL069	264	'399502397_/_399502271'	0.33		0.97	3.33	0.55	0.8	1.5	0.91 No	0.33 Primary Over-Voltage
TWL069	265	'399502282_/_399502279'	0.9		2.8	10	1.64	1.5	4.53	2.74 No	0.9 Primary Over-Voltage
TWL069	266	'399502410_/_399502287'	0.9		2.7	10	1.64	4.8	4.46	2.74 No	0.9 Primary Over-Voltage
TWL069	267	'96728127_/_86750533'	0.33		0.97	3.33	0.55	0.83	1.5	0.91 No	0.33 Primary Over-Voltage
TWL069	268	'43776274_/_7414717'	0.33		0.97	3.33	0.55	0.8	1.5	0.91 No	0.33 Primary Over-Voltage
TWL069	269	'90445123_/_90445134'	0.37		0.97	3.33	0.55	1.67	1.55	0.91 No	0.37 Primary Over-Voltage
TWL069	270	'76411190_/_5744950_1'	0.9		2.8	10	1.64	2.6	4.49	2.74 No	0.9 Primary Over-Voltage
TWL069	271	'7414580_/_9621291'	0.9		2.7	10	1.64	4.8	4.44	2.74 No	0.9 Primary Over-Voltage
TWL069	272	'8139725_/_57101638'	1		2.9	10	1.64	4.4	4.47	2.74 No	1 Primary Over-Voltage
TWL069	273	'5744872_/_5744870'	1		2.9	10	1.64	4.8	4.45	2.74 No	1 Primary Over-Voltage
TWL069	274	'467242802_/_475309228'	0.3		0.97	3.33	0.55	1.67	1.54	0.91 No	0.3 Primary Over-Voltage
TWL069	275	'5744385_/_5744950_2'	0.9		2.7	10	1.64	4.8	4.42	2.74 No	0.9 Primary Over-Voltage
TWL069	276	'43776322_/_43776324'	0.3		0.9	3.33	0.55	1.57	1.54	0.91 No	0.3 Primary Over-Voltage
TWL069	277	'5751729_/_43776644'	1		2.9	10	1.64	2.5	4.44	2.74 No	1 Primary Over-Voltage
TWL069	278	'90445237_/_90445283'	0.9		2.9	10	1.64	4.8	4.42	2.74 No	0.9 Primary Over-Voltage
TWL069	279	'319045104_/_319045191'	0.6		1.93	6.67	1.1	0.6	2.96	1.82 No	0.6 Primary Over-Voltage
TWL069	280	'54548298_/_54548670'	0.9		2.9	10	1.64	4.8	4.42	2.74 No	0.9 Primary Over-Voltage
TWL069	281	'54548274_/_440381513'	0.9		2.8	10	1.64	1.7	4.45	2.74 No	0.9 Primary Over-Voltage
TWL069	282	'54548275_/_440381505'	1		2.9	10	1.64	1.5	4.42	2.74 No	1 Primary Over-Voltage
TWL069	283	'54548287_/_440381529'	1		2.9	10	1.64	5.5	4.42	2.74 No	1 Primary Over-Voltage
TWL069	284	'54548311_/_440381521'	1		2.9	10	1.64	5.5	4.42	2.74 No	1 Primary Over-Voltage
TWL069	285	'7659324_/_39583893'	1		2.9	10	1.64	5.5	4.42	2.74 No	1 Primary Over-Voltage
TWL069	286	'77588556_/_77588561'	1		2.9	10	1.64	5.5	4.42	2.74 No	1 Primary Over-Voltage
TWL069	287	'8051956_/_39583898'	1		2.9	10	1.64	5.5	4.42	2.74 No	1 Primary Over-Voltage
TWL069	288	'475309142_/_475309212'	1		2.9	10	1.64	0.9	4.42	2.74 No	0.9 Element Fault
TWL069	289	'5744402_/_5744399'	0.9		2.8	10	1.64	1.7	4.45	2.74 No	0.9 Primary Over-Voltage
TWL069	290	'7729194_/_395839025'	1		2.8	10	1.64	5	4.41	2.74 No	1 Primary Over-Voltage
TWL069	291	'7414680_/_7414677'	0.4		0.9	3.33	0.55	0.4	1.47	0.91 No	0.4 Primary Over-Voltage
TWL069	292	'38110434_/_7483138'	0.33		0.93	3.33	0.55	0.5	1.46	0.91 No	0.33 Primary Over-Voltage
TWL069	293	'77588503_/_77588508'	1		2.8	10	1.64	0.9	4.38	2.74 No	0.9 Element Fault
TWL069	294	'7414579_/_7414577'	0.9		2.8	10	1.64	4.8	4.37	2.74 No	0.9 Primary Over-Voltage
TWL069	295	'50983525_/_50983548'	0.3		0.9	3.33	0.55	1.57	1.51	0.91 No	0.3 Primary Over-Voltage
TWL069	296	'8676738_/_54548376'	1		2.8	10	1.64	0.9	4.37	2.74 No	0.9 Element Fault
TWL069	297	'7483141_/_44087406'	0.9		2.8	10	1.64	1.2	4.36	2.74 No	0.9 Primary Over-Voltage
TWL069	298	'43776261_/_5744382'	1		2.8	10	1.64	5.1	4.33	2.74 No	1 Primary Over-Voltage
TWL069	299	'54547966_/_54548625'	1		2.8	10	1.64	5.1	4.33	2.74 No	1 Primary Over-Voltage
TWL069	300	'392528961_/_392528958'	1		2.8	10	1.64	5.1	4.33	2.74 No	1 Primary Over-Voltage
TWL069	301	'7728717_/_54548004'	1		2.8	10	1.64	5.1	4.33	2.74 No	1 Primary Over-Voltage
TWL069	302	'67370554_/_386118101'	1		2.8	10	1.64	5.1	4.33	2.74 No	1 Primary Over-Voltage
TWL069	303	'5756989_/_43776657'	0.9		2.7	10	1.64	4.8	4.33	2.74 No	0.9 Primary Over-Voltage
TWL069	304	'5744417_/_43776337'	0.9		2.8	10	1.64	1.7	4.39	2.74 No	0.9 Primary Over-Voltage
TWL069	305	'37934410_/_8364942'	0.6		1.8	6.67	1.1	3.2	2.88	1.82 No	0.6 Primary Over-Voltage
TWL069	306	'76411275_/_37934407'	0.9		2.7	10	1.64	4.8	4.32	2.74 No	0.9 Primary Over-Voltage
TWL069	307	'37934396_/_37934400'	0.6		1.87	6.67	1.1	1.73	2.91	1.82 No	0.6 Primary Over-Voltage
TWL069	308	'37934431_/_37934428'	0.9		2.8	10	1.64	5	4.38	2.74 No	0.9 Primary Over-Voltage
TWL069	309	'37934417_/_37934421'	0.4		0.93	3.33	0.55	0.4	1.45	0.91 No	0.4 Primary Over-Voltage
TWL069	310	'8051776_/_8995007_1'	0.9		2.7	10	1.64	4.8	4.31	2.74 No	0.9 Primary Over-Voltage
TWL069	311	'90446214_/_90445169_1'	0.3		0.93	3.33	0.55	0.77	1.44	0.91 No	0.3 Primary Over-Voltage
TWL069	312	'463660093_/_458073224_1'	0.9		2.8	10	1.64	0.9	4.34	2.74 No	0.9 Primary Over-Voltage
TWL069	313	'67370332_/_67370561'	0.9		2.8	10	1.64	1.2	4.33	2.74 No	0.9 Primary Over-Voltage
TWL069	314	'8776906_/_8776920'	1		2.8	10	1.64	5.1	4.3	2.74 No	1 Primary Over-Voltage
TWL069	315	'5756759_/_5756757'	0.33		0.93	3.33	0.55	1.4	1.43	0.91 No	0.33 Primary Over-Voltage
TWL069	316	'8676114_/_8676112'	1		2.8	10	1.64	2.5	4.32	2.74 No	1 Primary Over-Voltage
TWL069	317	'7803601_/_8751552'	0.9		2.8	10	1.64	1.2	4.31	2.74 No	0.9 Primary Over-Voltage
TWL069	318	'5744828_/_494587742_2'	0.9		2.8	10	1.64	1.6	4.34	2.74 No	0.9 Primary Over-Voltage
TWL069	319	'494587725_/_494587742_1'	0.67		1.87	6.67	1.1	0.6	2.87	1.82 No	0.6 Element Fault
TWL069	320	'37927950_/_319045123'	0.33		0.93	3.33	0.55	0.3	1.44	0.91 No	0.3 Element Fault
TWL069	321	'37927915_/_37927947'	0.9		2.8	10	1.64	0.9	4.3	2.74 No	0.9 Primary Over-Voltage
TWL069	322	'37927936_/_37927940'	0.9		2.7	10	1.64	4.8	4.24	2.74 No	0.9 Primary Over-Voltage
TWL069	323	'37927922_/_37927919'	0.9		2.7	10	1.64	5.5	4.27	2.74 No	0.9 Primary Over-Voltage
TWL069	324	'37927908_/_37927912'	0.9		2.7	10	1.64	5.5	4.27	2.74 No	0.9 Primary Over-Voltage
TWL069	325	'65608624_/_50983529'	0.6		1.8	6.67	1.1	3.67	2.85	1.82 No	0.6 Primary Over-Voltage
TWL069	326	'43776468_/_9308364'	0.6		1.8	6.67	1.1	3.67	2.85	1.82 No	0.6 Primary Over-Voltage
TWL069	327	'72034626_/_72034584'	0.9		2.7	10	1.64	5.5	4.27	2.74 No	0.9 Primary Over-Voltage
TWL069	328	'38051035_/_383109824'	0.9		2.7	10	1.64	4.8	4.25	2.74 No	0.9 Primary Over-Voltage
TWL069	329	'90445193_/_90445248'	0.4		0.9	3.33	0.55	0.4	1.41	0.91 No	0.4 Primary Over-Voltage
TWL069	330	'65608584_/_65608657'	0.9		2.7	10	1.64	1.5	4.27	2.74 No	0.9 Primary Over-Voltage
TWL069	331	'7414679_/_9621041'	0.9		2.7	10	1.64	1.6	4.27	2.74 No	0.9 Primary Over-Voltage
TWL069	332	'70396580_/_8994591_2'	0.3		0.9	3.33	0.55	0.8	1.41	0.91 No	0.3 Primary Over-Voltage
TWL069	333	'72034579_/_65608587'	0.8		2.7	10	1.64	4.7	4.27	2.74 No	0.8 Primary Over-Voltage
TWL069	334	'7415123_/_473389809'	0.9		2.7	10	1.64	2.5	4.23	2.74 No	0.9 Primary Over-Voltage
TWL069	335	'150030330_/_8995007_2'	0.6		1.8	6.67	1.1	3.6	2.81	1.82 No	0.6 Primary Over-Voltage
TWL069	336	'43776515_/_8994591_1'	0.9		2.7	10	1.64	4.8	4.18	2.74 No	0.9 Primary Over-Voltage
TWL069	337	'38041345_/_38041343'	0.37		0.9	3.33	0.55	0.77	1.4	0.91 No	0.37 Primary Over-Voltage
TWL069	338	'8362579_/_8362576'	0.33		0.9	3.33	0.55	0.8	1.4	0.91 No	0.33 Primary Over-Voltage
TWL069	339	'8139726_/_8139723'	0.6		1.8	6.67	1.1	1	2.8	1.82 No	0.6 Primary Over-Voltage
TWL069	340	'143959654_/_143959672'	0.9		2.7	10	1.64	2.5	4.19	2.74 No	0.9 Primary Over-Voltage
TWL069	341	'43776248_/_5744362'	0.9		2.7	10	1.64	5.1	4.16	2.74 No	0.9 Primary Over-Voltage
TWL069	342	'350152566_/_43776470'	0.9		2.7	10	1.64	5.1	4.16	2.74 No	0.9 Primary Over-Voltage
TWL069	343	'8995009_/_150030335'	0.9		2.7	10	1.64	5.1	4.16	2.74 No	0.9 Primary Over-Voltage
TWL069	344	'43776457_/_43777725'	0.9		2.7	10	1.64	5.1	4.16	2.74 No	0.9 Primary Over-Voltage
TWL069	345	'7817741_/_72034631'	0.9		2.7	10	1.64	5.1	4.16	2.74 No	0.9 Primary Over-Voltage
TWL069	346	'37934368_/_9308344'	0.6		1.8	6.67	1.1	0.8	2.78	1.82 No	0.6 Primary Over-Voltage
TWL069	347	'37934361_/_37934365'	0.6		1.8	6.67	1.1	3.2	2.77	1.82 No	0.6 Primary Over-Voltage
TWL069	348	'37934382_/_37934386'	0.9		2.7	10	1.64	5.5	4.16	2.74 No	0.9 Primary Over-Voltage
TWL069	349	'404571898_/_37934358_2'	0.9		2.6	10	1.64	4.8	4.13	2.74 No	0.9 Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TWL069	350	'404571899_/_404571896'		0.6	1.73	6.67	1.1	1	2.76	1.82 No	0.6 Primary Over-Voltage
TWL069	351	'37934354_/_37934358_1'		0.9	2.6	10	1.64	5.1	4.1	2.74 No	0.9 Primary Over-Voltage
TWL069	352	'8748905_/_9697018'		0.9	2.6	10	1.64	1.3	4.09	2.74 No	0.9 Primary Over-Voltage
TWL069	353	'90445158_/_90445204'		0.9	2.6	10	1.64	1.3	4.09	2.74 No	0.9 Primary Over-Voltage
TWL069	354	'8676563_/_331509482'		0.3	0.87	3.33	0.55	0.43	1.36	0.91 No	0.3 Primary Over-Voltage
TWL069	355	'38044559_/_38044557'		0.9	2.6	10	1.64	1.3	4.09	2.74 No	0.9 Primary Over-Voltage
TWL069	356	'8676546_/_509058020'		0.9	2.6	10	1.64	1.3	4.09	2.74 No	0.9 Primary Over-Voltage
TWL069	357	'347969085_/_8458044'		0.6	1.73	6.67	1.1	0.8	2.73	1.82 No	0.6 Primary Over-Voltage
TWL069	358	'5756671_/_5756669'		0.3	0.87	3.33	0.55	0.43	1.35	0.91 No	0.3 Primary Over-Voltage
TWL069	359	'8676618_/_8676616'		0.9	2.6	10	1.64	2.5	4.06	2.74 No	0.9 Primary Over-Voltage
TWL069	360	'5756742_/_7729330_2'		0.8	2	10	1.64	4.2	4.03	2.74 No	0.8 Primary Over-Voltage
TWL069	361	'7817742_/_7817739'		0.8	2	10	1.64	1.5	4.03	2.74 No	0.8 Primary Over-Voltage
TWL069	362	'8676790_/_473594106'		0.8	2	10	1.64	4.2	4.03	2.74 No	0.8 Primary Over-Voltage
TWL069	363	'8052403_/_395838665'		0.6	1.73	6.67	1.1	1.73	2.69	1.82 No	0.6 Primary Over-Voltage
TWL069	364	'102805199_/_7729330_1'		0.8	2	10	1.64	4.2	4.02	2.74 No	0.8 Primary Over-Voltage
TWL069	365	'5744924_/_43776517'		0.9	2.6	10	1.64	1.4	3.99	2.74 No	0.9 Primary Over-Voltage
TWL069	366	'43777504_/_43777506'		0.9	2.6	10	1.64	1.4	3.99	2.74 No	0.9 Primary Over-Voltage
TWL069	367	'37927565_/_7413835'		0.9	2.6	10	1.64	1.4	3.99	2.74 No	0.9 Primary Over-Voltage
TWL069	368	'37927544_/_37927569'		0.9	2.6	10	1.64	1.4	3.99	2.74 No	0.9 Primary Over-Voltage
TWL069	369	'37927551_/_37927548'		0.9	2.6	10	1.64	1.4	3.99	2.74 No	0.9 Primary Over-Voltage
TWL069	370	'404547592_/_37927541_2'		0.9	2.6	10	1.64	1.4	3.99	2.74 No	0.9 Primary Over-Voltage
TWL069	371	'37927537_/_37927541_1'		0.33	0.87	3.33	0.55	0.8	1.34	0.91 No	0.33 Primary Over-Voltage
TWL069	372	'404547593_/_404547590'		0.27	0.87	3.33	0.55	1.5	1.37	0.91 No	0.27 Primary Over-Voltage
TWL069	373	'96728164_/_96728169'		0.9	2.5	10	1.64	1.4	3.97	2.74 No	0.9 Primary Over-Voltage
TWL069	374	'7729315_/_8995027'		0.9	2.5	10	1.64	1.4	3.97	2.74 No	0.9 Primary Over-Voltage
TWL069	375	'432853343_/_437284401'		0.9	2.5	10	1.64	4.8	3.96	2.74 No	0.9 Primary Over-Voltage
TWL069	376	'437284423_/_429996157'		0.9	2.5	10	1.64	2.5	3.98	2.74 No	0.9 Primary Over-Voltage
TWL069	377	'8364699_/_473594639'		0.9	2.5	10	1.64	1.5	3.97	2.74 No	0.9 Primary Over-Voltage
TWL069	378	'5756741_/_5756739'		0.3	0.83	3.33	0.55	1.57	1.37	0.91 No	0.3 Primary Over-Voltage
TWL069	379	'37927579_/_7726780'		0.27	0.83	3.33	0.55	1.57	1.37	0.91 No	0.27 Primary Over-Voltage
TWL069	380	'37927586_/_37927583'		0.8	2.5	10	1.64	4.8	3.94	2.74 No	0.8 Primary Over-Voltage
TWL069	381	'37927607_/_37927611'		0.9	2.5	10	1.64	2.5	3.94	2.74 No	0.9 Primary Over-Voltage
TWL069	382	'404547672_/_404547669'		0.8	2	10	1.64	1.2	3.94	2.74 No	0.8 Primary Over-Voltage
TWL069	383	'37927593_/_37927590'		0.8	2	10	1.64	1.2	3.94	2.74 No	0.8 Primary Over-Voltage
TWL069	384	'7725951_/_8362710'		0.8	2	10	1.64	1.2	3.94	2.74 No	0.8 Primary Over-Voltage
TWL069	385	'5744925_/_5744922'		0.8	2	10	1.64	1.2	3.94	2.74 No	0.8 Primary Over-Voltage
TWL069	386	'7726821_/_7726818'		0.33	0.83	3.33	0.55	0.8	1.31	0.91 No	0.33 Primary Over-Voltage
TWL069	387	'43777491_/_5756635'		0.8	2	10	1.64	1.2	3.93	2.74 No	0.8 Primary Over-Voltage
TWL069	388	'37927082_/_7725948'		0.8	2	10	1.64	1.2	3.92	2.74 No	0.8 Primary Over-Voltage
TWL069	389	'37927047_/_37927079'		0.33	0.83	3.33	0.55	0.8	1.31	0.91 No	0.33 Primary Over-Voltage
TWL069	390	'37934690_/_37934694_1'		0.33	0.83	3.33	0.55	0.8	1.31	0.91 No	0.33 Primary Over-Voltage
TWL069	391	'37927054_/_37927051'		0.8	2	10	1.64	1.2	3.92	2.74 No	0.8 Primary Over-Voltage
TWL069	392	'37927040_/_37927044'		0.27	0.83	3.33	0.55	0.8	1.31	0.91 No	0.27 Primary Over-Voltage
TWL069	393	'37927068_/_37927072'		0.9	2.5	10	1.64	1.5	3.91	2.74 No	0.9 Primary Over-Voltage
TWL069	394	'404572311_/_404572308'		0.9	2.5	10	1.64	1.5	3.91	2.74 No	0.9 Primary Over-Voltage
TWL069	395	'37934704_/_8676656'		0.33	0.83	3.33	0.55	0.8	1.3	0.91 No	0.33 Primary Over-Voltage
TWL069	396	'37934697_/_37934701'		0.9	2.5	10	1.64	1.5	3.91	2.74 No	0.9 Primary Over-Voltage
TWL069	397	'7728683_/_7728680'		0.9	2.5	10	1.64	1.5	3.91	2.74 No	0.9 Primary Over-Voltage
TWL069	398	'473200129_/_473200159'		0.9	2.5	10	1.64	1.5	3.91	2.74 No	0.9 Primary Over-Voltage
TWL069	399	'72925909_/_7413137_2'		0.9	2.5	10	1.64	1.4	3.87	2.74 No	0.9 Primary Over-Voltage
TWL069	400	'404572310_/_37934694_2'		0.9	2.5	10	1.64	1.5	3.89	2.74 No	0.9 Primary Over-Voltage
TWL069	401	'72925895_/_7413137_1'		0.3	0.83	3.33	0.55	1.67	1.33	0.91 No	0.3 Primary Over-Voltage
TWL069	402	'8052404_/_395838676'		0.9	2.5	10	1.64	2.5	3.87	2.74 No	0.9 Primary Over-Voltage
TWL069	403	'76220973_/_9373290_1'		0.9	2.5	10	1.64	2.5	3.86	2.74 No	0.9 Primary Over-Voltage
TWL069	404	'5756621_/_5756686'		0.9	2.4	10	1.64	1.7	3.86	2.74 No	0.9 Primary Over-Voltage
TWL069	405	'390292082_/_8676636_1'		0.27	0.8	3.33	0.55	1.67	1.32	0.91 No	0.27 Primary Over-Voltage
TWL069	406	'37934634_/_8995047'		0.37	0.8	3.33	0.55	0.77	1.28	0.91 No	0.37 Primary Over-Voltage
TWL069	407	'37934633_/_37934631'		0.9	2.4	10	1.64	1.4	3.81	2.74 No	0.9 Primary Over-Voltage
TWL069	408	'37928118_/_38000191'		0.27	0.8	3.33	0.55	0.77	1.27	0.91 No	0.27 Primary Over-Voltage
TWL069	409	'404572150_/_38000184_2'		0.9	2.4	10	1.64	1.4	3.8	2.74 No	0.9 Primary Over-Voltage
TWL069	410	'404572151_/_404572148'		0.8	2	10	1.64	1.2	3.81	2.74 No	0.8 Primary Over-Voltage
TWL069	411	'37928111_/_38000184_1'		0.3	0.8	3.33	0.55	1.67	1.3	0.91 No	0.3 Primary Over-Voltage
TWL069	412	'5728013_/_9617739_2'		0.27	0.8	3.33	0.55	0.5	1.3	0.91 No	0.27 Primary Over-Voltage
TWL069	413	'49456575_/_9617739_1'		0.8	2.4	10	1.64	1.4	3.77	2.74 No	0.8 Primary Over-Voltage
TWL069	414	'8676134_/_84330120'		0.8	2.4	10	1.64	1.7	3.78	2.74 No	0.8 Primary Over-Voltage
TWL069	415	'43777465_/_5756618'		0.8	2.4	10	1.64	1.3	3.75	2.74 No	0.8 Primary Over-Voltage
TWL069	416	'7414906_/_395839006'		0.8	2.4	10	1.64	1.3	3.75	2.74 No	0.8 Primary Over-Voltage
TWL069	417	'7729061_/_517718074'		0.8	2.4	10	1.64	1.3	3.75	2.74 No	0.8 Primary Over-Voltage
TWL069	418	'7725898_/_7725896'		0.8	2.4	10	1.64	1.2	3.75	2.74 No	0.8 Primary Over-Voltage
TWL069	419	'37934676_/_8676636_2'		0.8	2.4	10	1.64	1.4	3.74	2.74 No	0.8 Primary Over-Voltage
TWL069	420	'37934655_/_37934680'		0.8	2.4	10	1.64	1.1	3.74	2.74 No	0.8 Primary Over-Voltage
TWL069	421	'37934662_/_37934659'		0.8	2	10	1.64	1.2	3.74	2.74 No	0.8 Primary Over-Voltage
TWL069	422	'404572236_/_37934652_2'		0.8	2.4	10	1.64	1.4	3.72	2.74 No	0.8 Primary Over-Voltage
TWL069	423	'404572237_/_404572234'		0.8	2	10	1.64	1.2	3.74	2.74 No	0.8 Primary Over-Voltage
TWL069	424	'37934648_/_37934652_1'		0.8	2	10	1.64	1.2	3.74	2.74 No	0.8 Primary Over-Voltage
TWL069	425	'37927621_/_8362524'		0.8	2	10	1.64	1.2	3.74	2.74 No	0.8 Primary Over-Voltage
TWL069	426	'37927628_/_37927625'		0.8	2.4	10	1.64	1.7	3.74	2.74 No	0.8 Primary Over-Voltage
TWL069	427	'404547768_/_404547765'		0.33	0.8	3.33	0.55	0.87	1.28	0.91 No	0.33 Primary Over-Voltage
TWL069	428	'37927635_/_37927632'		0.27	0.77	3.33	0.55	0.5	1.27	0.91 No	0.27 Primary Over-Voltage
TWL069	429	'37927649_/_37927653'		0.8	2.3	10	1.64	1.4	3.68	2.74 No	0.8 Primary Over-Voltage
TWL069	430	'9308682_/_9308680'		0.8	2.3	10	1.64	1.4	3.67	2.74 No	0.8 Primary Over-Voltage
TWL069	431	'43771943_/_43771945'		0.8	2.3	10	1.64	1.4	3.66	2.74 No	0.8 Primary Over-Voltage
TWL069	432	'7101406_/_7727058_2'		0.8	2.3	10	1.64	1.4	3.67	2.74 No	0.8 Primary Over-Voltage
TWL069	433	'7727060_/_7727058_1'		0.8	2.3	10	1.64	1.2	3.65	2.74 No	0.8 Primary Over-Voltage
TWL069	434	'8050847_/_8050845'		0.33	0.77	3.33	0.55	0.8	1.21	0.91 No	0.33 Primary Over-Voltage
TWL069	435	'8426158_/_8426156'		0.53	1.4	6.67	1.1	0.67	2.4	1.82 No	0.53 Primary Over-Voltage
TWL069	436	'5752490_/_8426594'		0.8	2	10	1.64	1.1	3.62	2.74 No	0.8 Primary Over-Voltage
TWL069	437	'5717034_/_5717012'		0.8	2.3	10	1.64	1.7	3.59	2.74 No	0.8 Primary Over-Voltage
TWL069	438	'7415086_/_473390025'		0.8	2.3	10	1.64	1.4	3.57	2.74 No	0.8 Primary Over-Voltage
TWL069	439	'43772013_/_5728010'		0.3	0.73	3.33	0.55	1.5	1.22	0.91 No	0.3 Primary Over-Voltage
TWL069	440	'8052242_/_473389721'		0.3	0.73	3.33	0.55	0.8	1.22	0.91 No	0.3 Primary Over-Voltage
TWL069	441	'69427903_/_69427900'		0.8	2.3	10	1.64	1	3.57	2.74 No	0.8 Primary Over-Voltage
TWL069	442	'7729314_/_7729312'		0.8	2.3	10	1.64	1	3.56	2.74 No	0.8 Primary Over-Voltage
TWL069	443	'8994977_/_8994975'		0.23	0.73	3.33	0.55	0.8	1.19	0.91 No	0.23 Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TWL069	444	'7411459_/_8991169'	0.3	0.73	3.33	0.55	1.5	1.22	0.91 No	0.3	Primary Over-Voltage
TWL069	445	'37927859_/_37927863'	0.3	0.73	3.33	0.55	1.5	1.22	0.91 No	0.3	Primary Over-Voltage
TWL069	446	'37927880_/_37927884'	0.3	0.73	3.33	0.55	1.5	1.22	0.91 No	0.3	Primary Over-Voltage
TWL069	447	'373143861_/_37927891'	0.8	2.2	10	1.64	1	3.55	2.74 No	0.8	Primary Over-Voltage
TWL069	448	'373143857_/_9306506'	0.8	2.2	10	1.64	1	3.54	2.74 No	0.8	Primary Over-Voltage
TWL069	449	'43772650_/_5752488'	0.23	0.73	3.33	0.55	0.8	1.21	0.91 No	0.23	Primary Over-Voltage
TWL069	450	'8049816_/_8049813'	0.23	0.73	3.33	0.55	0.8	1.21	0.91 No	0.23	Primary Over-Voltage
TWL069	451	'37927663_/_8986097'	0.8	2.2	10	1.64	1.2	3.51	2.74 No	0.8	Primary Over-Voltage
TWL069	452	'359451542_/_359451550'	0.7	2.1	10	1.64	1	3.51	2.74 No	0.7	Primary Over-Voltage
TWL069	453	'369847360_/_359451540'	0.23	0.73	3.33	0.55	0.8	1.21	0.91 No	0.23	Primary Over-Voltage
TWL069	454	'400720623_/_400720620'	0.3	0.73	3.33	0.55	0.8	1.2	0.91 No	0.3	Primary Over-Voltage
TWL069	455	'5717089_/_5717086'	0.8	2.2	10	1.64	1	3.48	2.74 No	0.8	Primary Over-Voltage
TWL069	456	'43776907_/_5752822'	0.53	1.33	6.67	1.1	0.8	2.33	1.82 No	0.53	Primary Over-Voltage
TWL069	457	'7411460_/_7411457'	0.23	0.73	3.33	0.55	0.8	1.19	0.91 No	0.23	Primary Over-Voltage
TWL069	458	'7412215_/_8051685'	0.3	0.73	3.33	0.55	0.8	1.19	0.91 No	0.3	Primary Over-Voltage
TWL069	459	'8363893_/_8363910'	0.3	0.73	3.33	0.55	0.87	1.19	0.91 No	0.3	Primary Over-Voltage
TWL069	460	'7725541_/_8675348'	0.53	1.33	6.67	1.1	0.8	2.31	1.82 No	0.53	Primary Over-Voltage
TWL069	461	'8994726_/_8994723'	0.3	0.73	3.33	0.55	0.57	1.18	0.91 No	0.3	Primary Over-Voltage
TWL069	462	'7725540_/_7725538'	0.23	0.73	3.33	0.55	0.77	1.18	0.91 No	0.23	Primary Over-Voltage
TWL069	463	'5752491_/_43772652'	0.53	1.33	6.67	1.1	0.8	2.31	1.82 No	0.53	Primary Over-Voltage
TWL069	464	'69426872_/_9305496_2'	0.33	0.73	3.33	0.55	0.8	1.15	0.91 No	0.33	Primary Over-Voltage
TWL069	465	'470717496_/_5717032'	0.47	1.33	6.67	1.1	0.8	2.28	1.82 No	0.47	Primary Over-Voltage
TWL069	466	'37927677_/_9617507'	0.3	0.7	3.33	0.55	0.4	1.17	0.91 No	0.3	Primary Over-Voltage
TWL069	467	'9306258_/_385932815'	0.7	2.1	10	1.64	1	3.39	2.74 No	0.7	Primary Over-Voltage
TWL069	468	'397040221_/_9621537_2'	0.7	2.1	10	1.64	4.8	3.39	2.74 No	0.7	Primary Over-Voltage
TWL069	469	'5752808_/_5752806'	0.47	1.33	6.67	1.1	0.8	2.26	1.82 No	0.47	Primary Over-Voltage
TWL069	470	'387455008_/_7727038'	0.7	2.1	10	1.64	1	3.37	2.74 No	0.7	Primary Over-Voltage
TWL069	471	'9621539_/_9621537_1'	0.3	0.7	3.33	0.55	0.8	1.15	0.91 No	0.3	Primary Over-Voltage
TWL069	472	'8994558_/_8994555'	0.33	0.7	3.33	0.55	0.77	1.12	0.91 No	0.33	Primary Over-Voltage
TWL069	473	'72925932_/_470717500'	0.47	1.33	6.67	1.1	0.8	2.22	1.82 No	0.47	Primary Over-Voltage
TWL069	474	'72925946_/_7412851_1'	0.7	2.1	10	1.64	1	3.32	2.74 No	0.7	Primary Over-Voltage
TWL069	475	'65789092_/_65789002'	0.47	1.33	6.67	1.1	0.8	2.18	1.82 No	0.47	Primary Over-Voltage
TWL069	476	'7412854_/_7412851_2'	0.3	0.67	3.33	0.55	0.8	1.11	0.91 No	0.3	Primary Over-Voltage
TWL069	477	'7412874_/_7412871'	0.27	0.67	3.33	0.55	0.4	1.11	0.91 No	0.27	Primary Over-Voltage
TWL069	478	'7412216_/_7412213'	0.47	1.33	6.67	1.1	0.8	2.14	1.82 No	0.47	Primary Over-Voltage
TWL069	479	'403343489_/_403343486'	0.23	0.67	3.33	0.55	0.4	1.09	0.91 No	0.23	Primary Over-Voltage
TWL069	480	'96728052_/_96728048'	0.23	0.67	3.33	0.55	0.4	1.09	0.91 No	0.23	Primary Over-Voltage
TWL069	481	'96728023_/_96728020'	0.23	0.67	3.33	0.55	1.4	1.09	0.91 No	0.23	Primary Over-Voltage
TWL069	482	'8361934_/_9305580'	0.23	0.67	3.33	0.55	1.4	1.09	0.91 No	0.23	Primary Over-Voltage
TWL069	483	'61972134_/_61972214'	0.27	0.67	3.33	0.55	0.8	1.09	0.91 No	0.27	Primary Over-Voltage
TWL069	484	'96728037_/_96728225'	0.23	0.67	3.33	0.55	0.8	1.09	0.91 No	0.23	Primary Over-Voltage
TWL069	485	'96728024_/_96728041'	0.23	0.67	3.33	0.55	1.4	1.09	0.91 No	0.23	Primary Over-Voltage
TWL069	486	'52971128_/_52971135'	0.23	0.67	3.33	0.55	0.4	1.08	0.91 No	0.23	Primary Over-Voltage
TWL069	487	'387455123_/_379019106_1'	0.23	0.67	3.33	0.55	0.4	1.08	0.91 No	0.23	Primary Over-Voltage
TWL069	488	'373143865_/_37927856'	0.27	0.67	3.33	0.55	1.4	1.08	0.91 No	0.27	Primary Over-Voltage
TWL069	489	'61972047_/_61972141'	0.23	0.67	3.33	0.55	0.8	1.08	0.91 No	0.23	Primary Over-Voltage
TWL069	490	'61972026_/_61972054'	0.27	0.67	3.33	0.55	0.8	1.08	0.91 No	0.27	Primary Over-Voltage
TWL069	491	'96728317_/_96728328'	0.47	1.33	6.67	1.1	0.8	2.11	1.82 No	0.47	Primary Over-Voltage
TWL069	492	'8361935_/_8361932'	0.47	1.33	6.67	1.1	0.8	2.11	1.82 No	0.47	Primary Over-Voltage
TWL069	493	'43771738_/_8049442_2'	0.23	0.67	3.33	0.55	1.4	1.08	0.91 No	0.23	Primary Over-Voltage
TWL069	494	'5724896_/_8049442_1'	0.2	0.67	3.33	0.55	0.87	1.07	0.91 No	0.2	Primary Over-Voltage
TWL069	495	'120840220_/_120840222'	0.23	0.63	3.33	0.55	0.8	1.06	0.91 No	0.23	Primary Over-Voltage
TWL069	496	'118129182_/_96728384'	0.47	1.27	6.67	1.1	0.8	2.08	1.82 No	0.47	Primary Over-Voltage
TWL069	497	'61971843_/_61971867'	0.3	0.63	3.33	0.55	0.87	1.06	0.91 No	0.3	Primary Over-Voltage
TWL069	498	'7728666_/_7728664'	0.3	0.63	3.33	0.55	0.77	1.03	0.91 No	0.3	Primary Over-Voltage
TWL069	499	'473389673_/_473389654_1'	0.27	0.63	3.33	0.55	0.4	1.05	0.91 No	0.27	Primary Over-Voltage
TWL069	500	'386118201_/_386118243'	0.23	0.63	3.33	0.55	0.8	1.05	0.91 No	0.23	Primary Over-Voltage
TWL069	501	'9308215_/_9308212'	0.27	0.63	3.33	0.55	0.8	1.05	0.91 No	0.27	Primary Over-Voltage
TWL069	502	'5724878_/_5724893'	0.47	1.27	6.67	1.1	0.8	2.06	1.82 No	0.47	Primary Over-Voltage
TWL069	503	'8364981_/_8364978'	0.47	1.27	6.67	1.1	0.8	2.05	1.82 No	0.47	Primary Over-Voltage
TWL069	504	'9306489_/_9306486'	0.47	1.27	6.67	1.1	0.8	2.04	1.82 No	0.47	Primary Over-Voltage
TWL069	505	'8676099_/_8676096'	0.27	0.63	3.33	0.55	0.4	1.04	0.91 No	0.27	Primary Over-Voltage
TWL069	506	'387454980_/_9617703'	0.2	0.63	3.33	0.55	1.4	1.03	0.91 No	0.2	Primary Over-Voltage
TWL069	507	'84330058_/_65789027_1'	0.47	1.27	6.67	1.1	0.8	2.02	1.82 No	0.47	Primary Over-Voltage
TWL069	508	'43771750_/_43771752'	0.47	1.27	6.67	1.1	0.8	2.02	1.82 No	0.47	Primary Over-Voltage
TWL069	509	'96728408_/_96728419'	0.2	0.63	3.33	0.55	0.87	1.03	0.91 No	0.2	Primary Over-Voltage
TWL069	510	'7415085_/_473390100'	0.2	0.63	3.33	0.55	1.4	1.02	0.91 No	0.2	Primary Over-Voltage
TWL069	511	'387455051_/_387455089'	0.23	0.63	3.33	0.55	0.8	1.02	0.91 No	0.23	Primary Over-Voltage
TWL069	512	'5724848_/_5724860'	0.2	0.63	3.33	0.55	0.4	1.02	0.91 No	0.2	Primary Over-Voltage
TWL069	513	'7729501_/_8676262'	0.33	1	6.67	1.1	0.8	2	1.82 No	0.33	Primary Over-Voltage
TWL069	514	'96728443_/_96728454'	0.23	0.63	3.33	0.55	0.77	1	0.91 No	0.23	Primary Over-Voltage
TWL069	515	'5724833_/_5724845'	0.2	0.63	3.33	0.55	0.4	1.02	0.91 No	0.2	Primary Over-Voltage
TWL069	516	'72034510_/_72034506'	0.2	0.6	3.33	0.55	1.4	1.01	0.91 No	0.2	Primary Over-Voltage
TWL069	517	'72034482_/_72034478'	0.27	0.6	3.33	0.55	0.8	1.01	0.91 No	0.27	Primary Over-Voltage
TWL069	518	'72034495_/_72034499'	0.4	1.2	6.67	1.1	0.8	1.99	1.82 No	0.4	Primary Over-Voltage
TWL069	519	'72034467_/_72034464'	0.3	0.6	3.33	0.55	0.87	1.01	0.91 No	0.3	Primary Over-Voltage
TWL069	520	'5724818_/_5724830'	0.5	1.3	10	1.64	2.6	2.97	2.74 No	0.5	Primary Over-Voltage
TWL069	521	'464910498_/_464910469_1'	0.23	0.6	3.33	0.55	0.77	0.98	0.91 No	0.23	Primary Over-Voltage
TWL069	522	'96728478_/_96728489'	0.33	1	6.67	1.1	0.8	1.97	1.82 No	0.33	Primary Over-Voltage
TWL069	523	'8052257_/_473594262'	0.23	0.6	3.33	0.55	0.8	0.98	0.91 No	0.23	Primary Over-Voltage
TWL069	524	'72034468_/_72034466'	0.23	0.6	3.33	0.55	0.8	1	0.91 No	0.23	Primary Over-Voltage
TWL069	525	'72034751_/_72034762'	0.27	0.6	3.33	0.55	0.77	0.97	0.91 No	0.27	Primary Over-Voltage
TWL069	526	'72034866_/_72034911'	0.2	0.6	3.33	0.55	1.4	0.98	0.91 No	0.2	Primary Over-Voltage
TWL069	527	'7729427_/_9308940'	0.27	0.6	3.33	0.55	0.4	0.98	0.91 No	0.27	Primary Over-Voltage
TWL069	528	'8365052_/_8365066'	0.4	1.2	6.67	1.1	0.8	1.93	1.82 No	0.4	Primary Over-Voltage
TWL069	529	'96728576_/_96728587'	0.23	0.6	3.33	0.55	0.4	0.98	0.91 No	0.23	Primary Over-Voltage
TWL069	530	'43771763_/_5724815'	0.23	0.57	3.33	0.55	0.4	0.96	0.91 No	0.23	Primary Over-Voltage
TWL069	531	'9308404_/_9308402'	0.27	0.57	3.33	0.55	0.77	0.96	0.91 No	0.27	Primary Over-Voltage
TWL069	532	'7413799_/_464910469_2'	0.2	0.57	3.33	0.55	0.87	0.96	0.91 No	0.2	Primary Over-Voltage
TWL069	533	'7729426_/_7729424'	0.3	0.57	3.33	0.55	0.87	0.96	0.91 No	0.3	Primary Over-Voltage
TWL069	534	'8365201_/_473390194'	0.23	0.57	3.33	0.55	0.4	0.94	0.91 No	0.23	Primary Over-Voltage
TWL069	535	'7414776_/_7728698'	0.27	0.57	3.33	0.55	0.87	0.92	0.91 No	0.27	Primary Over-Voltage
TWL069	536	'7729500_/_7729498'	0.17	0.53	3.33	0.55	0.87	0.9	0.91 No	0.17	Primary Over-Voltage
TWL069	537	'43770038_/_43770040'	0.17	0.53	3.33	0.55	0.87	0.86	0.91 No	0.17	Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TWL069	538	'9308314_/473390295'	0.27	0.5	3.33	0.55	0.87	0.86	0.91 No	0.27	Primary Over-Voltage
TWL069	539	'5724979_/8666801_1'	0.27	0.5	3.33	0.55	0.87	0.85	0.91 No	0.27	Primary Over-Voltage
TWL069	540	'96728619_/96728630'	0.23	0.5	3.33	0.55	0.33	0.83	0.91 No	0.23	Primary Over-Voltage
TWL069	541	'37934718_/37934722'	0.17	0.5	3.33	0.55	0.4	0.83	0.91 No	0.17	Primary Over-Voltage
TWL069	542	'9308722_/9308720'	0.17	0.5	3.33	0.55	0.4	0.83	0.91 No	0.17	Primary Over-Voltage
TWL069	543	'7413782_/474161539'	0.27	0.5	3.33	0.55	0.87	0.82	0.91 No	0.27	Primary Over-Voltage
TWL069	544	'7725656_/8666801_2'	0.23	0.47	3.33	0.55	0.33	0.8	0.91 No	0.23	Primary Over-Voltage
TWL069	545	'7412894_/7412891'	0.23	0.47	3.33	0.55	0.87	0.79	0.91 No	0.23	Primary Over-Voltage
TWL069	546	'8742849_/9308418'	0.13	0.43	3.33	0.55	0.87	0.71	0.91 No	0.13	Primary Over-Voltage
TWL071	0	'TWL071_/7730435'	10	10	10	1.4	10	10	5.82 No	1.4	Thermal Discharging
TWL071	1	'7730437_/7730435'	10	10	10	1.4	10	10	2.43 No	1.4	Thermal Discharging
TWL071	2	'7416402_/8991715'	10	10	10	1.4	10	10	2.43 No	1.4	Thermal Discharging
TWL071	3	'461349810_/7416399'	10	10	10	1.4	10	10	2.43 No	1.4	Thermal Discharging
TWL071	4	'5791908_/458611533_2'	10	10	10	1.4	10	10	2.43 No	1.4	Thermal Discharging
TWL071	5	'5791788_/5791803'	10	10	10	1.4	10	10	2.43 No	1.4	Thermal Discharging
TWL071	6	'53028276_/5791786_1'	10	10	10	1.4	10	10	2.43 No	1.4	Thermal Discharging
TWL071	7	'53028045_/5791786_2'	10	10	10	1.4	10	10	2.43 No	1.4	Thermal Discharging
TWL071	8	'53028049_/5791769'	10	10	10	1.4	10	10	2.43 No	1.4	Thermal Discharging
TWL071	9	'53028210_/53028207'	10	10	10	1.4	10	10	2.43 No	1.4	Thermal Discharging
TWL071	10	'53028307_/5796970_2'	10	10	10	1.4	4.7	10	2.43 No	1.4	Thermal Discharging
TWL071	11	'5791734_/5791749'	10	10	10	1.4	10	10	2.43 No	1.4	Thermal Discharging
TWL071	12	'53028268_/5796970_1'	10	10	10	1.4	2.4	10	2.43 No	1.4	Thermal Discharging
TWL071	13	'5785597_/5791732'	10	10	10	1.4	10	10	2.43 No	1.4	Thermal Discharging
TWL071	14	'5785630_/5791488'	10	10	10	1.4	10	10	2.43 No	1.4	Thermal Discharging
TWL071	15	'43784631_/43784633'	10	10	10	1.4	5.9	10	2.43 No	1.4	Thermal Discharging
TWL071	16	'5791471_/5791956'	10	10	10	1.4	10	10	2.43 No	1.4	Thermal Discharging
TWL071	17	'5785629_/5785627'	10	10	10	1.4	1.6	10	2.43 No	1.4	Thermal Discharging
TWL071	18	'5791454_/5791468'	10	10	10	1.4	10	10	2.43 No	1.4	Thermal Discharging
TWL071	19	'5796990_/5796987'	10	10	10	1.4	2.4	10	2.43 No	1.4	Thermal Discharging
TWL071	20	'5791437_/5791451'	10	10	10	1.4	10	10	2.43 No	1.4	Thermal Discharging
TWL071	21	'5791420_/5791434'	10	10	10	1.4	10	10	2.43 No	1.4	Thermal Discharging
TWL071	22	'5794507_/5794504'	10	10	10	1.4	1.6	10	2.43 No	1.4	Thermal Discharging
TWL071	23	'5791403_/5791417'	10	10	10	1.4	10	10	2.43 No	1.4	Thermal Discharging
TWL071	24	'8125410_/8125408_1'	10	10	10	1.4	1.5	10	2.43 No	1.4	Thermal Discharging
TWL071	25	'541426749_/5794524_1'	10	10	10	1.4	1.6	10	2.43 No	1.4	Thermal Discharging
TWL071	26	'5791386_/5791400'	10	10	10	1.4	10	10	2.43 No	1.4	Thermal Discharging
TWL071	27	'5791369_/5791383'	10	10	10	1.4	10	10	2.43 No	1.4	Thermal Discharging
TWL071	28	'5791352_/5791366'	10	10	10	1.4	10	10	2.43 No	1.4	Thermal Discharging
TWL071	29	'5775091_/5791349'	10	10	10	1.4	10	10	2.43 No	1.4	Thermal Discharging
TWL071	30	'5775074_/5775088'	10	10	10	1.4	10	10	2.43 No	1.4	Thermal Discharging
TWL071	31	'44065582_/7155397'	3.3	3.33	3.33	0.47	0.53	3.33	0.81 No	0.47	Thermal Discharging
TWL071	32	'5775057_/5775071'	9.9	10	10	1.4	10	10	2.43 No	1.4	Thermal Discharging
TWL071	33	'50721397_/5797004'	8.8	10	10	1.4	2.4	10	2.43 No	1.4	Thermal Discharging
TWL071	34	'5774561_/5775054'	9.4	10	10	1.4	10	10	2.43 No	1.4	Thermal Discharging
TWL071	35	'5775039_/5775037'	9.1	10	10	1.4	10	10	2.43 No	1.4	Thermal Discharging
TWL071	36	'379951213_/5794524_2'	8.6	10	10	1.4	1.6	10	2.43 No	1.4	Thermal Discharging
TWL071	37	'384899023_/379951235_2'	8.5	10	10	1.4	1.6	10	2.43 No	1.4	Thermal Discharging
TWL071	38	'5774549_/5774559'	3.13	3.33	3.33	0.47	1.1	3.33	0.81 No	0.47	Thermal Discharging
TWL071	39	'5790058_/5792027'	8.8	10	10	1.4	10	10	2.43 No	1.4	Thermal Discharging
TWL071	40	'5790041_/5790055'	8.5	10	10	1.4	10	10	2.43 No	1.4	Thermal Discharging
TWL071	41	'5797027_/43785003'	7.8	10	10	1.4	2.4	10	2.43 No	1.4	Thermal Discharging
TWL071	42	'7155400_/44065584'	2.63	3.33	3.33	0.47	0.53	3.33	0.81 No	0.47	Thermal Discharging
TWL071	43	'5782732_/5790038'	8.3	10	10	1.4	10	10	2.43 No	1.4	Thermal Discharging
TWL071	44	'5774548_/5774546'	2.83	3.33	3.33	0.47	0.5	3.33	0.81 No	0.47	Thermal Discharging
TWL071	45	'5790007_/5790021'	8	10	10	1.4	10	10	2.43 No	1.4	Thermal Discharging
TWL071	46	'5789990_/5790004'	7.8	10	10	1.4	10	10	2.43 No	1.4	Thermal Discharging
TWL071	47	'43783728_/5789987'	7.6	10	10	1.4	10	10	2.43 No	1.4	Thermal Discharging
TWL071	48	'5789956_/5789970'	7.3	10	10	1.4	10	10	2.43 No	1.4	Thermal Discharging
TWL071	49	'5789939_/5789953'	7.2	10	10	1.4	10	10	2.43 No	1.4	Thermal Discharging
TWL071	50	'5789922_/5789936'	7.2	10	10	1.4	10	10	2.43 No	1.4	Thermal Discharging
TWL071	51	'5789905_/5789919'	6.9	10	10	1.4	10	10	2.43 No	1.4	Thermal Discharging
TWL071	52	'5774578_/5785548'	2.33	3.33	3.33	0.47	0.5	3.33	0.81 No	0.47	Thermal Discharging
TWL071	53	'43783848_/5789902'	6.7	10	10	1.4	10	10	2.43 No	1.4	Thermal Discharging
TWL071	54	'43783835_/5793447'	6.5	10	10	1.4	10	10	2.43 No	1.4	Thermal Discharging
TWL071	55	'43783717_/43783719'	2.3	3.33	3.33	0.47	1.1	3.33	0.81 No	0.47	Thermal Discharging
TWL071	56	'43783822_/5793430'	6.3	10	10	1.4	10	10	2.43 No	1.4	Thermal Discharging
TWL071	57	'5782716_/5782713_2'	2.2	3.33	3.33	0.47	1.1	3.33	0.81 No	0.47	Thermal Discharging
TWL071	58	'5789871_/5789885'	6	10	10	1.4	10	10	2.43 No	1.4	Thermal Discharging
TWL071	59	'7415561_/7729663_2'	1.97	3.33	3.33	0.47	1.8	3.33	0.81 No	0.47	Thermal Discharging
TWL071	60	'5789854_/5789868'	5.8	10	10	1.4	10	10	2.43 No	1.4	Thermal Discharging
TWL071	61	'5774577_/5774575'	2	3.33	3.33	0.47	0.5	3.33	0.81 No	0.47	Thermal Discharging
TWL071	62	'9622067_/9622081_2'	1.93	3.33	3.33	0.47	1.8	3.33	0.81 No	0.47	Thermal Discharging
TWL071	63	'43783809_/43783811'	5.6	10	10	1.4	10	10	2.43 No	1.4	Thermal Discharging
TWL071	64	'5789820_/5789834'	5.4	10	10	1.4	10	10	2.43 No	1.4	Thermal Discharging
TWL071	65	'5789803_/5789817'	5.3	10	10	1.4	10	10	2.43 No	1.4	Thermal Discharging
TWL071	66	'5782703_/5782713_1'	1.87	3.33	3.33	0.47	0.5	3.33	0.81 No	0.47	Thermal Discharging
TWL071	67	'5789802_/5789800'	5.2	10	10	1.4	10	10	2.43 No	1.4	Thermal Discharging
TWL071	68	'8677197_/8677194_2'	1.77	3.33	3.33	0.47	1.8	3.33	0.81 No	0.47	Thermal Discharging
TWL071	69	'5790262_/5790279'	5	10	10	1.4	10	10	2.43 No	1.4	Thermal Discharging
TWL071	70	'5790245_/5790259'	4.9	10	10	1.4	10	10	2.43 No	1.4	Thermal Discharging
TWL071	71	'7729665_/7729663_1'	1.67	3.33	3.33	0.47	0.5	3.33	0.81 No	0.47	Thermal Discharging
TWL071	72	'52924043_/379951235_1'	4.6	10	10	1.4	1.6	10	2.43 No	1.4	Thermal Discharging
TWL071	73	'8125411_/8125408_2'	4.5	10	10	1.4	1.5	10	2.43 No	1.4	Thermal Discharging
TWL071	74	'5790228_/5790242'	4.8	10	10	1.4	10	10	2.43 No	1.4	Thermal Discharging
TWL071	75	'5790211_/5790225'	4.7	10	10	1.4	10	10	2.43 No	1.4	Thermal Discharging
TWL071	76	'353921388_/352762509_3'	4.7	10	10	1.4	10	10	2.43 No	1.4	Thermal Discharging
TWL071	77	'8677196_/8677194_1'	1.57	3.33	3.33	0.47	0.5	3.33	0.81 No	0.47	Thermal Discharging
TWL071	78	'353921380_/352762509_2'	4.5	10	10	1.4	10	10	2.43 No	1.4	Thermal Discharging
TWL071	79	'5782983_/352762509_1'	4.5	10	10	1.4	10	10	2.43 No	1.4	Thermal Discharging
TWL071	80	'5782690_/5782700'	1.6	3.33	3.33	0.47	0.5	3.33	0.81 No	0.47	Thermal Discharging
TWL071	81	'5782963_/5782980'	4.4	10	10	1.4	10	10	2.43 No	1.4	Thermal Discharging
TWL071	82	'49224050_/52924050'	4.1	10	10	1.4	1.6	10	2.43 No	1.4	Thermal Discharging
TWL071	83	'9309415_/9622081_1'	1.5	3.33	3.33	0.47	0.5	3.33	0.81 No	0.47	Thermal Discharging
TWL071	84	'5782962_/5782960'	4.4	10	10	1.4	10	10	2.43 No	1.4	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over- Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TWL071	85	'43784074_/5790191'		4.3	10	10	1.4	10	2.43 No	1.4	Thermal Discharging
TWL071	86	'5782925_/5790174'		4.2	10	10	1.4	10	2.43 No	1.4	Thermal Discharging
TWL071	87	'7517079_/7828140'		3.9	10	10	1.4	1.6	10	2.43 No	1.4 Thermal Discharging
TWL071	88	'5790143_/5790157'		4.1	10	10	1.4	10	10	2.43 No	1.4 Thermal Discharging
TWL071	89	'5783679_/5783676'		4.4	10	10	1.4	7	10	2.43 No	1.4 Thermal Discharging
TWL071	90	'43784087_/43784089'		4.2	10	10	1.4	7.1	10	2.43 No	1.4 Thermal Discharging
TWL071	91	'5782905_/5782902_2'		4.2	10	10	1.4	7.1	10	2.43 No	1.4 Thermal Discharging
TWL071	92	'5790126_/5790140'		4	10	10	1.4	10	10	2.43 No	1.4 Thermal Discharging
TWL071	93	'463492196_/5782687'		1.4	3.33	3.33	0.47	0.5	3.33	0.81 No	0.47 Thermal Discharging
TWL071	94	'5790125_/5790123_2'		3.9	10	10	1.4	10	10	2.43 No	1.4 Thermal Discharging
TWL071	95	'43784100_/5790123_1'		3.9	10	10	1.4	10	10	2.43 No	1.4 Thermal Discharging
TWL071	96	'8435003_/8435000'		3.6	10	10	1.4	1.5	10	2.43 No	1.4 Thermal Discharging
TWL071	97	'5782904_/5782902_1'		4.1	10	10	1.4	2.5	10	2.43 No	1.4 Thermal Discharging
TWL071	98	'5791090_/5792370'		3.8	10	10	1.4	10	10	2.43 No	1.4 Thermal Discharging
TWL071	99	'5783699_/5783696'		4	10	10	1.4	7	10	2.43 No	1.4 Thermal Discharging
TWL071	100	'5790109_/5791087'		3.8	10	10	1.4	10	10	2.43 No	1.4 Thermal Discharging
TWL071	101	'5783736_/5783733_2'		1.3	3.33	3.33	0.47	1.5	3.33	0.81 No	0.47 Thermal Discharging
TWL071	102	'5790092_/5790106'		3.7	10	10	1.4	10	9.97	2.43 No	1.4 Thermal Discharging
TWL071	103	'5790075_/5790089'		3.6	10	10	1.4	10	9.85	2.43 No	1.4 Thermal Discharging
TWL071	104	'43784113_/43784115'		3.9	10	10	1.4	2.5	10	2.43 No	1.4 Thermal Discharging
TWL071	105	'7483822_/9590757'		3.3	10	10	1.4	1.5	10	2.43 No	1.4 Thermal Discharging
TWL071	106	'5790074_/5790072'		3.5	10	10	1.4	10	9.73	2.43 No	1.4 Thermal Discharging
TWL071	107	'8458284_/9721466_1'		1.17	3.33	3.33	0.47	0.5	3.33	0.81 No	0.47 Thermal Discharging
TWL071	108	'43784798_/5793256'		3.7	10	10	1.4	7	9.96	2.43 No	1.4 Thermal Discharging
TWL071	109	'5789701_/5791224'		3.4	10	10	1.4	10	9.61	2.43 No	1.4 Thermal Discharging
TWL071	110	'8458285_/9309412'		1.17	3.33	3.33	0.47	0.5	3.33	0.81 No	0.47 Thermal Discharging
TWL071	111	'5781675_/5789698'		3.4	10	10	1.4	10	9.56	2.43 No	1.4 Thermal Discharging
TWL071	112	'5794297_/5796273'		3.7	10	10	1.4	2.5	9.79	2.43 No	1.4 Thermal Discharging
TWL071	113	'5781264_/5789681'		3.3	10	10	1.4	10	9.47	2.43 No	1.4 Thermal Discharging
TWL071	114	'43784126_/5782939'		2.4	6.67	6.67	0.93	1.67	6.51	1.62 No	0.93 Thermal Discharging
TWL071	115	'5781263_/43783651_2'		1.1	3.33	3.33	0.47	1.1	3.14	0.81 No	0.47 Thermal Discharging
TWL071	116	'5789650_/5789664'		3.3	10	10	1.4	10	9.38	2.43 No	1.4 Thermal Discharging
TWL071	117	'5783735_/5783733_1'		1.17	3.33	3.33	0.47	0.5	3.22	0.81 No	0.47 Thermal Discharging
TWL071	118	'5789633_/5789647'		3.2	10	10	1.4	10	9.31	2.43 No	1.4 Thermal Discharging
TWL071	119	'43783406_/43783408'		3.4	10	10	1.4	4.7	9.36	2.43 No	1.4 Thermal Discharging
TWL071	120	'5793259_/43784800'		3.4	10	10	1.4	7	9.62	2.43 No	1.4 Thermal Discharging
TWL071	121	'5782242_/5789630'		3.2	10	10	1.4	10	9.24	2.43 No	1.4 Thermal Discharging
TWL071	122	'7416382_/9310280_1'		3.4	10	10	1.4	1.2	9.59	2.43 No	1.2 Element Fault
TWL071	123	'5781198_/5782239'		3.2	10	10	1.4	10	9.22	2.43 No	1.4 Thermal Discharging
TWL071	124	'5781181_/5781195'		3.2	10	10	1.4	10	9.16	2.43 No	1.4 Thermal Discharging
TWL071	125	'43784892_/43784894'		3.4	10	10	1.4	2.5	9.47	2.43 No	1.4 Thermal Discharging
TWL071	126	'5789612_/5789610'		3.2	10	10	1.4	10	9.15	2.43 No	1.4 Thermal Discharging
TWL071	127	'5781217_/5781598_1'		3.2	10	10	1.4	1.5	9.12	2.43 No	1.4 Thermal Discharging
TWL071	128	'5781164_/5781178'		3.1	10	10	1.4	10	9.09	2.43 No	1.4 Thermal Discharging
TWL071	129	'9310283_/9310280_2'		3.3	10	10	1.4	1.2	9.47	2.43 No	1.2 Element Fault
TWL071	130	'43783649_/43783651_1'		1.1	3.33	3.33	0.47	0.5	3.06	0.81 No	0.47 Thermal Discharging
TWL071	131	'5781235_/5781232_2'		1.07	3.3	3.33	0.47	1.1	3.02	0.81 No	0.47 Thermal Discharging
TWL071	132	'43784785_/5793273'		3.3	9.9	10	1.4	7	9.41	2.43 No	1.4 Thermal Discharging
TWL071	133	'5781147_/5781161'		3.1	9.9	10	1.4	10	8.98	2.43 No	1.4 Thermal Discharging
TWL071	134	'5781571_/5781568_2'		2.07	6.6	6.67	0.93	3.1	5.96	1.62 No	0.93 Thermal Discharging
TWL071	135	'5781130_/5781144'		3	9.7	10	1.4	10	8.91	2.43 No	1.4 Thermal Discharging
TWL071	136	'5794313_/5794311'		3.3	9.6	10	1.4	2.5	9.22	2.43 No	1.4 Thermal Discharging
TWL071	137	'5781523_/5781568_1'		2.07	6.4	6.67	0.93	1	5.92	1.62 No	0.93 Thermal Discharging
TWL071	138	'5781218_/5781598_2'		3.2	9.6	10	1.4	1.5	8.92	2.43 No	1.4 Thermal Discharging
TWL071	139	'5781113_/5781127'		3	9.5	10	1.4	10	8.81	2.43 No	1.4 Thermal Discharging
TWL071	140	'5782942_/43784128'		2.13	6.33	6.67	0.93	1.67	6.18	1.62 No	0.93 Thermal Discharging
TWL071	141	'8148249_/8148247_1'		3.2	9.5	10	1.4	1.5	9.15	2.43 No	1.4 Thermal Discharging
TWL071	142	'5781493_/5781491'		1	3.13	3.33	0.47	0.5	2.92	0.81 No	0.47 Thermal Discharging
TWL071	143	'5781096_/5781110'		2.9	9.4	10	1.4	10	8.74	2.43 No	1.4 Thermal Discharging
TWL071	144	'8148250_/8148247_2'		3.1	9.3	10	1.4	1.5	9.06	2.43 No	1.4 Thermal Discharging
TWL071	145	'5784340_/5784338'		1.1	3.1	3.33	0.47	0.5	2.95	0.81 No	0.47 Thermal Discharging
TWL071	146	'5781079_/5781093'		2.9	9.2	10	1.4	10	8.64	2.43 No	1.4 Thermal Discharging
TWL071	147	'5780926_/5781504'		1	3.07	3.33	0.47	0.5	2.89	0.81 No	0.47 Thermal Discharging
TWL071	148	'5781522_/5781520'		2.07	6.13	6.67	0.93	1	5.81	1.62 No	0.93 Thermal Discharging
TWL071	149	'5793309_/5793307'		1	3.07	3.33	0.47	0.5	3.02	0.81 No	0.47 Thermal Discharging
TWL071	150	'5781436_/5781433_3'		0.97	3.07	3.33	0.47	1.1	2.86	0.81 No	0.47 Thermal Discharging
TWL071	151	'5781045_/5781059'		2.8	9.1	10	1.4	10	8.57	2.43 No	1.4 Thermal Discharging
TWL071	152	'43783395_/5781232_1'		1.07	3.03	3.33	0.47	0.5	2.9	0.81 No	0.47 Thermal Discharging
TWL071	153	'43784049_/43784051'		3.1	9	10	1.4	2.5	8.92	2.43 No	1.4 Thermal Discharging
TWL071	154	'5781028_/5781042'		2.8	9	10	1.4	10	8.47	2.43 No	1.4 Thermal Discharging
TWL071	155	'5780858_/5781433_2'		0.97	3	3.33	0.47	0.5	2.84	0.81 No	0.47 Thermal Discharging
TWL071	156	'5781465_/5780787_1'		0.93	3	3.33	0.47	0.5	2.81	0.81 No	0.47 Thermal Discharging
TWL071	157	'5774767_/5781025'		2.7	8.9	10	1.4	10	8.41	2.43 No	1.4 Thermal Discharging
TWL071	158	'5780913_/5780923'		1	2.9	3.33	0.47	0.5	2.82	0.81 No	0.47 Thermal Discharging
TWL071	159	'5774749_/5774764'		2.7	8.7	10	1.4	10	8.32	2.43 No	1.4 Thermal Discharging
TWL071	160	'5780790_/5780787_2'		0.93	2.9	3.33	0.47	0.5	2.79	0.81 No	0.47 Thermal Discharging
TWL071	161	'43783279_/43783281'		2.7	8.6	10	1.4	10	8.25	2.43 No	1.4 Thermal Discharging
TWL071	162	'5782887_/5794328'		2.9	8.5	10	1.4	2.5	8.64	2.43 No	1.4 Thermal Discharging
TWL071	163	'5774787_/5782256_1'		0.9	2.83	3.33	0.47	0.5	2.74	0.81 No	0.47 Thermal Discharging
TWL071	164	'5792134_/5792132'		2.6	8.5	10	1.4	10	8.18	2.43 No	1.4 Thermal Discharging
TWL071	165	'5780845_/5781433_1'		0.97	2.83	3.33	0.47	0.5	2.76	0.81 No	0.47 Thermal Discharging
TWL071	166	'43783359_/43783361'		2.07	5.6	6.67	0.93	1	5.56	1.62 No	0.93 Thermal Discharging
TWL071	167	'5782888_/5783850_1'		2.9	8.5	10	1.4	1.6	8.58	2.43 No	1.4 Thermal Discharging
TWL071	168	'43783078_/43783080'		2.6	8.4	10	1.4	10	8.1	2.43 No	1.4 Thermal Discharging
TWL071	169	'5780951_/5782387'		1.03	2.77	3.33	0.47	0.5	2.76	0.81 No	0.47 Thermal Discharging
TWL071	170	'5780777_/5780787_3'		0.93	2.73	3.33	0.47	0.5	2.71	0.81 No	0.47 Thermal Discharging
TWL071	171	'43779475_/5784265'		2.8	8.2	10	1.4	2.5	8.48	2.43 No	1.4 Thermal Discharging
TWL071	172	'5792189_/5792203'		2.5	8.2	10	1.4	10	8.01	2.43 No	1.4 Thermal Discharging
TWL071	173	'5798143_/5798141'		1.07	2.7	3.33	0.47	0.5	2.75	0.81 No	0.47 Thermal Discharging
TWL071	174	'5792172_/5792186_2'		2.5	8.1	10	1.4	10	7.95	2.43 No	1.4 Thermal Discharging
TWL071	175	'5780870_/5782374'		0.97	2.7	3.33	0.47	0.5	2.71	0.81 No	0.47 Thermal Discharging
TWL071	176	'43780920_/5792186_1'		2.5	8.1	10	1.4	10	7.95	2.43 No	1.4 Thermal Discharging
TWL071	177	'415225609_/415225611'		2.5	8.1	10	1.4	10	7.92	2.43 No	1.4 Thermal Discharging
TWL071	178	'7483823_/7483820'		2.3	8.1	10	1.4	1.5	9.34	2.43 No	1.4 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over- Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TWL071	179	'5774748_/5774746_2'		1.8	5.33	6.67	0.93	2.4	5.34	1.62	No 0.93 Thermal Discharging
TWL071	180	'5780938_/5782358'		1	2.67	3.33	0.47	0.5	2.7	0.81	No 0.47 Thermal Discharging
TWL071	181	'415225694_/51820686_1'		2.5	8.1	10	1.4	1.5	7.89	2.43	No 1.4 Thermal Discharging
TWL071	182	'5770120_/5792169'		2.5	8	10	1.4	10	7.87	2.43	No 1.4 Thermal Discharging
TWL071	183	'5765009_/5765026'		2.7	7.9	10	1.4	2.5	8.3	2.43	No 1.4 Thermal Discharging
TWL071	184	'5798170_/5798167'		1.07	2.63	3.33	0.47	0.5	2.71	0.81	No 0.47 Thermal Discharging
TWL071	185	'5780802_/5782345'		0.9	2.63	3.33	0.47	0.5	2.66	0.81	No 0.47 Thermal Discharging
TWL071	186	'5788391_/5788405'		2.4	7.9	10	1.4	10	7.81	2.43	No 1.4 Thermal Discharging
TWL071	187	'43783218_/5774746_1'		1.8	5.27	6.67	0.08	2.4	5.3	1.62	No 0.08 Thermal Discharging
TWL071	188	'43783292_/5782256_2'		0.9	2.63	3.33	0.47	0.5	2.64	0.81	No 0.47 Thermal Discharging
TWL071	189	'43783347_/43783349'		2.07	5.27	6.67	0.93	1	5.36	1.62	No 0.93 Thermal Discharging
TWL071	190	'5788374_/5788388'		2.4	7.8	10	1.4	10	7.77	2.43	No 1.4 Thermal Discharging
TWL071	191	'5770121_/5770134_2'		0.83	2.6	3.33	0.47	1.1	2.59	0.81	No 0.47 Thermal Discharging
TWL071	192	'5783853_/5783850_2'		2.7	7.8	10	1.4	1.6	8.29	2.43	No 1.4 Thermal Discharging
TWL071	193	'5788357_/5788371'		2.4	7.8	10	1.4	10	7.75	2.43	No 1.4 Thermal Discharging
TWL071	194	'43779488_/43779490'		2.6	7.8	10	1.4	2.5	8.22	2.43	No 1.4 Thermal Discharging
TWL071	195	'5770091_/5788354'		2.4	7.8	10	1.4	10	7.72	2.43	No 1.4 Thermal Discharging
TWL071	196	'43783336_/43783338'		1	2.6	3.33	0.47	0.5	2.66	0.81	No 0.47 Thermal Discharging
TWL071	197	'44780709_/5798154'		1.07	2.57	3.33	0.47	0.5	2.68	0.81	No 0.47 Thermal Discharging
TWL071	198	'43780846_/5788337'		2.4	7.7	10	1.4	10	7.67	2.43	No 1.4 Thermal Discharging
TWL071	199	'5770092_/5770105_2'		0.8	2.53	3.33	0.47	1.1	2.55	0.81	No 0.47 Thermal Discharging
TWL071	200	'5770062_/5788320'		2.3	7.6	10	1.4	10	7.61	2.43	No 1.4 Thermal Discharging
TWL071	201	'5780871_/5780868'		0.97	2.53	3.33	0.47	0.5	2.62	0.81	No 0.47 Thermal Discharging
TWL071	202	'384899050_/7517076_1'		2.2	7.5	10	1.4	1.6	8.99	2.43	No 1.4 Thermal Discharging
TWL071	203	'43783325_/43783327'		0.97	2.5	3.33	0.47	0.5	2.61	0.81	No 0.47 Thermal Discharging
TWL071	204	'534087641_/5770060_1'		0.77	2.5	3.33	0.47	0.5	2.53	0.81	No 0.47 Thermal Discharging
TWL071	205	'5788289_/5788303'		2.3	7.5	10	1.4	10	7.55	2.43	No 1.4 Thermal Discharging
TWL071	206	'5780939_/5780936'		1	2.5	3.33	0.47	0.5	2.62	0.81	No 0.47 Thermal Discharging
TWL071	207	'43779501_/5793086'		2.6	7.5	10	1.4	2.5	8.05	2.43	No 1.4 Thermal Discharging
TWL071	208	'43783371_/5780949'		1.03	2.5	3.33	0.47	0.5	2.63	0.81	No 0.47 Thermal Discharging
TWL071	209	'5770025_/5788286'		2.3	7.5	10	1.4	10	7.54	2.43	No 1.4 Thermal Discharging
TWL071	210	'51108139_/51108084'		2.3	7.5	10	1.4	4.8	7.51	2.43	No 1.4 Thermal Discharging
TWL071	211	'5769988_/5788269'		2.3	7.4	10	1.4	10	7.49	2.43	No 1.4 Thermal Discharging
TWL071	212	'5770026_/5770023'		2.3	7.4	10	1.4	1.5	7.5	2.43	No 1.4 Thermal Discharging
TWL071	213	'534087475_/5769986_1'		2.3	7.4	10	1.4	1.5	7.49	2.43	No 1.4 Thermal Discharging
TWL071	214	'5769989_/5769986_2'		2.3	7.4	10	1.4	1.5	7.49	2.43	No 1.4 Thermal Discharging
TWL071	215	'5780803_/5780800'		0.83	2.47	3.33	0.47	0.5	2.57	0.81	No 0.47 Thermal Discharging
TWL071	216	'43783314_/43783316'		0.83	2.47	3.33	0.47	0.5	2.57	0.81	No 0.47 Thermal Discharging
TWL071	217	'5781540_/5781538'		2	4.93	6.67	0.93	1	5.18	1.62	No 0.93 Thermal Discharging
TWL071	218	'51108302_/51108142_1'		2.3	7.3	10	1.4	1.5	7.47	2.43	No 1.4 Thermal Discharging
TWL071	219	'43780833_/43780835'		2.3	7.3	10	1.4	10	7.44	2.43	No 1.4 Thermal Discharging
TWL071	220	'5770107_/5770105_1'		0.8	2.43	3.33	0.47	0.5	2.49	0.81	No 0.47 Thermal Discharging
TWL071	221	'43780881_/43780883'		2.3	7.3	10	1.4	1.5	7.43	2.43	No 1.4 Thermal Discharging
TWL071	222	'5769951_/5788252'		2.2	7.3	10	1.4	10	7.39	2.43	No 1.4 Thermal Discharging
TWL071	223	'43784062_/5783927'		2.5	7.2	10	1.4	1.6	7.98	2.43	No 1.4 Thermal Discharging
TWL071	224	'5770136_/5770134_1'		0.8	2.4	3.33	0.47	0.5	2.49	0.81	No 0.47 Thermal Discharging
TWL071	225	'51820634_/51820686_2'		2.4	7.2	10	1.4	1.5	7.5	2.43	No 1.4 Thermal Discharging
TWL071	226	'5788221_/5788235'		2.2	7.2	10	1.4	10	7.33	2.43	No 1.4 Thermal Discharging
TWL071	227	'5770075_/5770060_2'		0.77	2.4	3.33	0.47	0.5	2.46	0.81	No 0.47 Thermal Discharging
TWL071	228	'5782272_/43783294'		0.8	2.37	3.33	0.47	0.5	2.51	0.81	No 0.47 Thermal Discharging
TWL071	229	'43780820_/5788218'		2.2	7.1	10	1.4	10	7.3	2.43	No 1.4 Thermal Discharging
TWL071	230	'5769952_/5769949'		2.2	7.3	10	1.4	1.5	7.32	2.43	No 1.4 Thermal Discharging
TWL071	231	'5770042_/5770040'		2.3	7.1	10	1.4	1.5	7.35	2.43	No 1.4 Thermal Discharging
TWL071	232	'5788204_/5788422'		2.2	7.1	10	1.4	10	7.27	2.43	No 1.4 Thermal Discharging
TWL071	233	'130090941_/120443786_1'		2.2	7.1	10	1.4	10	7.26	2.43	No 1.4 Thermal Discharging
TWL071	234	'5780887_/5780897'		0.97	2.37	3.33	0.47	0.5	2.54	0.81	No 0.47 Thermal Discharging
TWL071	235	'120443628_/120443786_2'		2.2	7.1	10	1.4	10	7.26	2.43	No 1.4 Thermal Discharging
TWL071	236	'43779514_/43779516'		2.4	7.1	10	1.4	2.5	7.78	2.43	No 1.4 Thermal Discharging
TWL071	237	'120443608_/120443625'		2.2	7.1	10	1.4	10	7.26	2.43	No 1.4 Thermal Discharging
TWL071	238	'120443614_/120443611'		2.2	7.1	10	1.4	10	7.26	2.43	No 1.4 Thermal Discharging
TWL071	239	'120443607_/120443604'		2.2	7.1	10	1.4	4.7	7.26	2.43	No 1.4 Thermal Discharging
TWL071	240	'120443621_/120443618'		2.2	7.1	10	1.4	10	7.26	2.43	No 1.4 Thermal Discharging
TWL071	241	'5783341_/43784064'		1.6	4.73	6.67	0.93	1.07	5.24	1.62	No 0.93 Thermal Discharging
TWL071	242	'43780894_/43780896'		2.3	7.1	10	1.4	1.5	7.32	2.43	No 1.4 Thermal Discharging
TWL071	243	'5770008_/5770006'		2.3	7.1	10	1.4	1.5	7.31	2.43	No 1.4 Thermal Discharging
TWL071	244	'120443574_/120443694'		2.2	7	10	1.4	10	7.23	2.43	No 1.4 Thermal Discharging
TWL071	245	'51108165_/51108142_2'		2.3	7	10	1.4	1.5	7.28	2.43	No 1.4 Thermal Discharging
TWL071	246	'120443860_/120443711_2'		2.1	6.9	10	1.4	10	7.19	2.43	No 1.4 Thermal Discharging
TWL071	247	'5787948_/120443711_1'		2.1	6.9	10	1.4	10	7.19	2.43	No 1.4 Thermal Discharging
TWL071	248	'5783873_/5783870'		2.4	6.9	10	1.4	1.6	7.78	2.43	No 1.4 Thermal Discharging
TWL071	249	'5779472_/5787946'		2.1	6.9	10	1.4	10	7.16	2.43	No 1.4 Thermal Discharging
TWL071	250	'118186686_/118186757'		2.1	6.9	10	1.4	10	7.14	2.43	No 1.4 Thermal Discharging
TWL071	251	'5770720_/5788680'		2.1	6.9	10	1.4	10	7.13	2.43	No 1.4 Thermal Discharging
TWL071	252	'5780709_/5781010'		1.6	4.6	6.67	0.08	2.4	4.93	1.62	No 0.08 Thermal Discharging
TWL071	253	'133582872_/43780772_1'		1.4	4.6	6.67	0.93	1	4.76	1.62	No 0.93 Thermal Discharging
TWL071	254	'133582857_/120443513_1'		1.9	5.8	10	1.4	1.5	7.13	2.43	No 1.4 Thermal Discharging
TWL071	255	'86437102_/5780706_3'		0.8	2.3	3.33	0.04	1.1	2.46	0.81	No 0.04 Thermal Discharging
TWL071	256	'5780952_/43783373'		0.93	2.27	3.33	0.47	0.5	2.5	0.81	No 0.47 Thermal Discharging
TWL071	257	'43780907_/43780909'		2.2	6.8	10	1.4	1.5	7.16	2.43	No 1.4 Thermal Discharging
TWL071	258	'5770790_/5788663'		2.1	6.8	10	1.4	10	7.07	2.43	No 1.4 Thermal Discharging
TWL071	259	'5780751_/5780761'		0.77	2.27	3.33	0.47	0.5	2.45	0.81	No 0.47 Thermal Discharging
TWL071	260	'43784962_/43784964'		2.3	6.8	10	1.4	2.5	7.58	2.43	No 1.4 Thermal Discharging
TWL071	261	'43780770_/43780772_2'		1.4	4.53	6.67	0.93	1	4.72	1.62	No 0.93 Thermal Discharging
TWL071	262	'65197648_/5780706_2'		0.77	2.23	3.33	0.04	0.3	2.44	0.81	No 0.04 Thermal Discharging
TWL071	263	'5770721_/43781223_1'		2.1	6.7	10	1.4	3.6	7.07	2.43	No 1.4 Thermal Discharging
TWL071	264	'5780819_/5780829'		0.93	2.23	3.33	0.47	0.5	2.45	0.81	No 0.47 Thermal Discharging
TWL071	265	'5788632_/5788646'		2.1	6.7	10	1.4	10	7.02	2.43	No 1.4 Thermal Discharging
TWL071	266	'5783362_/5783359'		1.53	4.47	6.67	0.93	1.07	5.07	1.62	No 0.93 Thermal Discharging
TWL071	267	'120443536_/120443583'		2.2	6.7	10	1.4	10	7.05	2.43	No 1.4 Thermal Discharging
TWL071	268	'51108191_/51108168'		2.2	6.7	10	1.4	1.5	7.11	2.43	No 1.4 Thermal Discharging
TWL071	269	'5770740_/43781223_2'		2.1	6.7	10	1.4	3.6	7.03	2.43	No 1.4 Thermal Discharging
TWL071	270	'5782285_/5782282'		0.77	2.2	3.33	0.47	0.5	2.42	0.81	No 0.47 Thermal Discharging
TWL071	271	'43781612_/5771097'		2.1	6.6	10	1.4	4.8	7	2.43	No 1.4 Thermal Discharging
TWL071	272	'5770811_/5788629'		2	6.6	10	1.4	10	6.96	2.43	No 1.4 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over- Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TWL071	273	'50272699_/_51108355_1'	0.73	2.23	3.33	0.47	0.5	2.36	0.81 No	0.47	Thermal Discharging
TWL071	274	'597664867_/_597664829_2'	2.1	6.6	10	1.4	4.8	6.98	2.43 No	1.4	Thermal Discharging
TWL071	275	'120442552_/_120443545'	2.2	6.6	10	1.4	10	7.02	2.43 No	1.4	Thermal Discharging
TWL071	276	'120442553_/_120442549'	2.2	6.6	10	1.4	10	7.02	2.43 No	1.4	Thermal Discharging
TWL071	277	'120442559_/_120442556'	2.2	6.6	10	1.4	10	7.02	2.43 No	1.4	Thermal Discharging
TWL071	278	'120442566_/_120442563'	2.2	6.6	10	1.4	4.8	7.02	2.43 No	1.4	Thermal Discharging
TWL071	279	'120442573_/_120442570'	2.2	6.6	10	1.4	4.7	7.02	2.43 No	1.4	Thermal Discharging
TWL071	280	'43781257_/_43781259'	2	6.5	10	1.4	10	6.91	2.43 No	1.4	Thermal Discharging
TWL071	281	'427409682_/_43781223_3'	2.1	6.7	10	1.4	3.5	6.96	2.43 No	1.4	Thermal Discharging
TWL071	282	'597664879_/_597664829_1'	2.1	6.5	10	1.4	1.5	6.93	2.43 No	1.4	Thermal Discharging
TWL071	283	'43781196_/_5770788'	1.4	4.33	6.67	0.93	2.4	4.62	1.62 No	0.93	Thermal Discharging
TWL071	284	'5769968_/_5769966'	2.1	6.5	10	1.4	1.5	7.01	2.43 No	1.4	Thermal Discharging
TWL071	285	'5771082_/_8365528_2'	2.1	6.5	10	1.4	3.5	6.93	2.43 No	1.4	Thermal Discharging
TWL071	286	'5780886_/_5780884'	0.9	2.17	3.33	0.47	0.5	2.41	0.81 No	0.47	Thermal Discharging
TWL071	287	'5788581_/_5788595'	2	6.5	10	1.4	10	6.84	2.43 No	1.4	Thermal Discharging
TWL071	288	'5770812_/_5770809_1'	2	6.5	10	1.4	1.5	6.87	2.43 No	1.4	Thermal Discharging
TWL071	289	'676443952_/_676443956'	2.2	6.5	10	1.4	2.5	7.36	2.43 No	1.4	Thermal Discharging
TWL071	290	'5770775_/_5770773_1'	1.4	4.27	6.67	0.93	1	4.59	1.62 No	0.93	Thermal Discharging
TWL071	291	'5788564_/_5788578'	2	6.4	10	1.4	10	6.81	2.43 No	1.4	Thermal Discharging
TWL071	292	'51108353_/_51108355_2'	0.73	2.13	3.33	0.47	0.5	2.32	0.81 No	0.47	Thermal Discharging
TWL071	293	'5780693_/_5780706_1'	0.73	2.13	3.33	0.04	0.3	2.38	0.81 No	0.04	Thermal Discharging
TWL071	294	'5770832_/_5770809_2'	2	6.5	10	1.4	1.5	6.84	2.43 No	1.4	Thermal Discharging
TWL071	295	'5788547_/_5788561'	2	6.4	10	1.4	10	6.77	2.43 No	1.4	Thermal Discharging
TWL071	296	'5783377_/_5783374'	1.47	4.27	6.67	0.93	1.07	4.92	1.62 No	0.93	Thermal Discharging
TWL071	297	'5780983_/_5780995'	1.47	4.2	6.67	0.08	2.4	4.73	1.62 No	0.08	Thermal Discharging
TWL071	298	'5780818_/_5780816'	0.87	2.1	3.33	0.47	0.5	2.37	0.81 No	0.47	Thermal Discharging
TWL071	299	'43781292_/_43781294'	1.9	6.3	10	1.4	10	6.73	2.43 No	1.4	Thermal Discharging
TWL071	300	'264010163_/_5769508'	1.4	4.2	6.67	0.93	1	4.54	1.62 No	0.93	Thermal Discharging
TWL071	301	'120443088_/_120443254'	2.1	6.3	10	1.4	4.8	6.83	2.43 No	1.4	Thermal Discharging
TWL071	302	'120443073_/_120443084'	2.1	6.3	10	1.4	4.8	6.83	2.43 No	1.4	Thermal Discharging
TWL071	303	'120443095_/_120443091'	2.1	6.3	10	1.4	2.4	6.83	2.43 No	1.4	Thermal Discharging
TWL071	304	'120443074_/_120443070'	2.1	6.3	10	1.4	2.4	6.83	2.43 No	1.4	Thermal Discharging
TWL071	305	'120443081_/_120443077'	2.1	6.3	10	1.4	4.8	6.83	2.43 No	1.4	Thermal Discharging
TWL071	306	'5771026_/_5788527'	1.9	6.3	10	1.4	10	6.69	2.43 No	1.4	Thermal Discharging
TWL071	307	'5780722_/_5780719'	0.7	2.07	3.33	0.04	0.3	2.34	0.81 No	0.04	Thermal Discharging
TWL071	308	'43781270_/_43781272'	0.67	2.07	3.33	0.47	1.2	2.24	0.81 No	0.47	Thermal Discharging
TWL071	309	'5788496_/_5788510'	1.9	6.2	10	1.4	10	6.66	2.43 No	1.4	Thermal Discharging
TWL071	310	'67583053_/_64569688'	2	6.2	10	1.4	2.4	6.8	2.43 No	1.4	Thermal Discharging
TWL071	311	'5771025_/_43781423_2'	1.9	6.3	10	1.4	3.5	6.67	2.43 No	1.4	Thermal Discharging
TWL071	312	'8365531_/_8365528_1'	2	6.2	10	1.4	0.9	6.78	2.43 No	0.9	Element Fault
TWL071	313	'5780750_/_5780748'	0.7	2.07	3.33	0.47	0.5	2.33	0.81 No	0.47	Thermal Discharging
TWL071	314	'43780944_/_120443324'	2	6.2	10	1.4	2.4	6.78	2.43 No	1.4	Thermal Discharging
TWL071	315	'5770868_/_5788493'	1.9	6.2	10	1.4	10	6.63	2.43 No	1.4	Thermal Discharging
TWL071	316	'8052669_/_8995529'	1.9	6.2	10	1.4	5.4	6.63	2.43 No	1.4	Thermal Discharging
TWL071	317	'5794416_/_5798065_2'	0.67	2.07	3.33	0.47	1.2	2.22	0.81 No	0.47	Thermal Discharging
TWL071	318	'43783303_/_5782295'	0.7	2.03	3.33	0.47	0.5	2.31	0.81 No	0.47	Thermal Discharging
TWL071	319	'5788462_/_5788476'	1.9	6.1	10	1.4	10	6.57	2.43 No	1.4	Thermal Discharging
TWL071	320	'5784234_/_5784232'	0.83	2.03	3.33	0.47	0.5	2.33	0.81 No	0.47	Thermal Discharging
TWL071	321	'5794456_/_5794453'	2	6.1	10	1.4	1.5	6.66	2.43 No	1.4	Thermal Discharging
TWL071	322	'5770869_/_5770866'	1.9	6.1	10	1.4	1.5	6.57	2.43 No	1.4	Thermal Discharging
TWL071	323	'5796824_/_120443296'	2	6.1	10	1.4	2.4	6.72	2.43 No	1.4	Thermal Discharging
TWL071	324	'576321039_/_576320991_1'	2	6.1	10	1.4	0.9	6.65	2.43 No	0.9	Element Fault
TWL071	325	'64578329_/_64578302_2'	0.63	2.03	3.33	0.47	1.4	2.18	0.81 No	0.47	Thermal Discharging
TWL071	326	'5770906_/_5788459'	1.9	6.1	10	1.4	10	6.53	2.43 No	1.4	Thermal Discharging
TWL071	327	'43781234_/_5770773_2'	1.4	4	6.67	0.93	1	4.44	1.62 No	0.93	Thermal Discharging
TWL071	328	'7416461_/_7416459'	2	6	10	1.4	2.4	6.68	2.43 No	1.4	Thermal Discharging
TWL071	329	'7415343_/_7415341'	2	6	10	1.4	2.4	6.68	2.43 No	1.4	Thermal Discharging
TWL071	330	'5770905_/_5770916_2'	0.63	2	3.33	0.47	1.5	2.16	0.81 No	0.47	Thermal Discharging
TWL071	331	'5795184_/_5795215'	1.8	6	10	1.4	10	6.47	2.43 No	1.4	Thermal Discharging
TWL071	332	'43781421_/_43781423_1'	1.9	6	10	1.4	1.5	6.54	2.43 No	1.4	Thermal Discharging
TWL071	333	'70391621_/_70391593'	1.9	5.9	10	1.4	1.5	6.51	2.43 No	1.4	Thermal Discharging
TWL071	334	'5794556_/_5795181'	1.8	5.9	10	1.4	10	6.44	2.43 No	1.4	Thermal Discharging
TWL071	335	'8679212_/_8679210_1'	1.8	6	10	1.4	1.5	6.44	2.43 No	1.4	Thermal Discharging
TWL071	336	'576320975_/_576320991_2'	1.9	5.9	10	1.4	0.9	6.56	2.43 No	0.9	Element Fault
TWL071	337	'5770918_/_5770916_1'	0.63	1.97	3.33	0.47	0.5	2.15	0.81 No	0.47	Thermal Discharging
TWL071	338	'5780680_/_5780690'	0.67	1.97	3.33	0.04	0.3	2.27	0.81 No	0.04	Thermal Discharging
TWL071	339	'5780735_/_5780732'	0.67	1.97	3.33	0.04	0.3	2.27	0.81 No	0.04	Thermal Discharging
TWL071	340	'43781434_/_43781436'	1.9	5.9	10	1.4	1.5	6.48	2.43 No	1.4	Thermal Discharging
TWL071	341	'7415364_/_7415361'	1.9	5.9	10	1.4	2.4	6.61	2.43 No	1.4	Thermal Discharging
TWL071	342	'5794600_/_5795164'	1.8	5.9	10	1.4	10	6.4	2.43 No	1.4	Thermal Discharging
TWL071	343	'5795150_/_57849510_2'	1.8	5.9	10	1.4	10	6.39	2.43 No	1.4	Thermal Discharging
TWL071	344	'5769137_/_5769150'	0.7	1.97	3.33	0.47	0.5	2.19	0.81 No	0.47	Thermal Discharging
TWL071	345	'57849513_/_57849510_1'	1.8	5.8	10	1.4	10	6.36	2.43 No	1.4	Thermal Discharging
TWL071	346	'57849605_/_57849568_1'	1.8	5.8	10	1.4	10	6.36	2.43 No	1.4	Thermal Discharging
TWL071	347	'5775385_/_5795147'	1.8	5.8	10	1.4	10	6.35	2.43 No	1.4	Thermal Discharging
TWL071	348	'120443389_/_120443443'	1.9	5.8	10	1.4	4.8	6.56	2.43 No	1.4	Thermal Discharging
TWL071	349	'120443374_/_120443385'	1.9	5.8	10	1.4	4.8	6.56	2.43 No	1.4	Thermal Discharging
TWL071	350	'120443382_/_120443378'	1.9	5.8	10	1.4	4.8	6.56	2.43 No	1.4	Thermal Discharging
TWL071	351	'120443375_/_120443371'	1.9	5.8	10	1.4	4.8	6.56	2.43 No	1.4	Thermal Discharging
TWL071	352	'403092697_/_403092694'	1.9	5.8	10	1.4	4.8	6.56	2.43 No	1.4	Thermal Discharging
TWL071	353	'8995471_/_8995469'	1.9	5.8	10	1.4	2.4	6.54	2.43 No	1.4	Thermal Discharging
TWL071	354	'120444146_/_120443476_1'	1.9	5.8	10	1.4	1.5	6.54	2.43 No	1.4	Thermal Discharging
TWL071	355	'71259052_/_64578302_1'	0.6	1.93	3.33	0.47	0.5	2.13	0.81 No	0.47	Thermal Discharging
TWL071	356	'43782884_/_5795266'	1.8	5.8	10	1.4	10	6.32	2.43 No	1.4	Thermal Discharging
TWL071	357	'43781048_/_43781050'	0.67	1.93	3.33	0.47	0.5	2.24	0.81 No	0.47	Thermal Discharging
TWL071	358	'449401600_/_449401602'	1.8	5.8	10	1.4	10	6.32	2.43 No	1.4	Thermal Discharging
TWL071	359	'5798055_/_5798065_1'	0.67	1.93	3.33	0.47	0.5	2.15	0.81 No	0.47	Thermal Discharging
TWL071	360	'492882031_/_447590787_1'	1.8	5.8	10	1.4	10	6.32	2.43 No	1.4	Thermal Discharging
TWL071	361	'5769547_/_120443476_2'	1.9	5.8	10	1.4	1.5	6.53	2.43 No	1.4	Thermal Discharging
TWL071	362	'5794473_/_5794470'	1.9	5.8	10	1.4	1.5	6.48	2.43 No	1.4	Thermal Discharging
TWL071	363	'8052670_/_8052667'	1.8	5.8	10	1.4	1.5	6.4	2.43 No	1.4	Thermal Discharging
TWL071	364	'66370065_/_66370090'	1.8	5.8	10	1.4	10	6.3	2.43 No	1.4	Thermal Discharging
TWL071	365	'449401783_/_449401693_1'	1.8	5.8	10	1.4	2.4	6.3	2.43 No	1.4	Thermal Discharging
TWL071	366	'5770885_/_5771060'	1.8	5.8	10	1.4	1.5	6.39	2.43 No	1.4	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Over- Voltage Deviation	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
											VSR (MW)	Limiting Threshold
TWL071	367	'447904864_/66750962_1'		1.8	5.8	10	1.4	2.5	6.29	2.43 No	1.4	Thermal Discharging
TWL071	368	'8366337_/8366334'		1.9	5.7	10	1.4	2.5	6.5	2.43 No	1.4	Thermal Discharging
TWL071	369	'65560592_/5794571_1'		0.6	1.9	3.33	0.47	0.5	2.1	0.81 No	0.47	Thermal Discharging
TWL071	370	'9721520_/9721518_1'		0.67	1.9	3.33	0.47	0.3	2.14	0.81 No	0.3	Element Fault
TWL071	371	'5780638_/5780980'		1.33	3.8	6.67	0.08	2.4	4.46	1.62 No	0.08	Thermal Discharging
TWL071	372	'70391657_/70391708'		1.8	5.7	10	1.4	1.5	6.36	2.43 No	1.4	Thermal Discharging
TWL071	373	'5782298_/43783305'		0.63	1.9	3.33	0.47	0.5	2.21	0.81 No	0.47	Thermal Discharging
TWL071	374	'5770935_/5770932'		0.63	1.9	3.33	0.47	0.5	2.09	0.81 No	0.47	Thermal Discharging
TWL071	375	'9721521_/9721518_2'		0.67	1.87	3.33	0.47	0.3	2.12	0.81 No	0.3	Element Fault
TWL071	376	'65197684_/5780635_3'		0.63	1.87	3.33	0.04	1.2	2.21	0.81 No	0.04	Thermal Discharging
TWL071	377	'9309283_/9309280'		1.8	5.6	10	1.4	1.5	6.32	2.43 No	1.4	Thermal Discharging
TWL071	378	'5769136_/5769134'		0.7	1.87	3.33	0.47	0.5	2.13	0.81 No	0.47	Thermal Discharging
TWL071	379	'65197702_/5780635_2'		0.63	1.87	3.33	0.04	0.3	2.2	0.81 No	0.04	Thermal Discharging
TWL071	380	'5770849_/5770846'		1.8	5.6	10	1.4	1.5	6.38	2.43 No	1.4	Thermal Discharging
TWL071	381	'57849775_/57849568_2'		1.7	5.6	10	1.4	10	6.19	2.43 No	1.4	Thermal Discharging
TWL071	382	'43780794_/5769544'		1.8	5.5	10	1.4	1.5	6.37	2.43 No	1.4	Thermal Discharging
TWL071	383	'449401642_/5794571_2'		0.6	1.83	3.33	0.47	0.5	2.05	0.81 No	0.47	Thermal Discharging
TWL071	384	'43781305_/5794487'		1.8	5.5	10	1.4	1.5	6.29	2.43 No	1.4	Thermal Discharging
TWL071	385	'8679213_/8679210_2'		1.7	5.5	10	1.4	1.5	6.18	2.43 No	1.4	Thermal Discharging
TWL071	386	'66750742_/66750962_2'		1.7	5.5	10	1.4	2.5	6.12	2.43 No	1.4	Thermal Discharging
TWL071	387	'66750766_/449401982'		1.07	3.53	6.67	0.93	1.67	4.08	1.62 No	0.93	Thermal Discharging
TWL071	388	'66750730_/449401966'		1.6	5.3	10	1.4	2.5	6.12	2.43 No	1.4	Thermal Discharging
TWL071	389	'330277379_/449401693_2'		1.7	5.5	10	1.4	2.4	6.12	2.43 No	1.4	Thermal Discharging
TWL071	390	'330277354_/330277376'		1.7	5.5	10	1.4	2.4	6.12	2.43 No	1.4	Thermal Discharging
TWL071	391	'5770886_/5770883'		1.7	5.5	10	1.4	1.5	6.22	2.43 No	1.4	Thermal Discharging
TWL071	392	'330277355_/330277352'		1.7	5.5	10	1.4	2.4	6.12	2.43 No	1.4	Thermal Discharging
TWL071	393	'447904912_/330277360'		1.7	5.5	10	1.4	2.4	6.12	2.43 No	1.4	Thermal Discharging
TWL071	394	'330277371_/330277368'		1.7	5.5	10	1.4	2.4	6.12	2.43 No	1.4	Thermal Discharging
TWL071	395	'43783230_/43783232'		0.63	1.83	3.33	0.04	0.3	2.16	0.81 No	0.04	Thermal Discharging
TWL071	396	'43781246_/43781236'		0.7	1.83	3.33	0.47	0.5	2.09	0.81 No	0.47	Thermal Discharging
TWL071	397	'447905032_/330277569_1'		1.13	3.67	6.67	0.93	0.4	4.08	1.62 No	0.4	Element Fault
TWL071	398	'45374311_/5769250'		0.6	1.8	3.33	0.47	0.5	2.16	0.81 No	0.47	Thermal Discharging
TWL071	399	'66750816_/66751152'		0.53	1.77	3.33	0.47	0.83	2.04	0.81 No	0.47	Thermal Discharging
TWL071	400	'43781458_/5770945'		0.63	1.8	3.33	0.47	0.5	2.04	0.81 No	0.47	Thermal Discharging
TWL071	401	'449401807_/449401682_1'		0.6	1.8	3.33	0.47	0.3	2.04	0.81 No	0.3	Element Fault
TWL071	402	'7415403_/7415401_1'		1.7	5.5	10	1.4	0.9	6.2	2.43 No	0.9	Element Fault
TWL071	403	'5771165_/5771163'		0.7	1.8	3.33	0.47	0.5	2.09	0.81 No	0.47	Thermal Discharging
TWL071	404	'5780625_/5780635_1'		0.63	1.8	3.33	0.04	0.3	2.15	0.81 No	0.04	Thermal Discharging
TWL071	405	'5775364_/330277569_2'		1.13	3.6	6.67	0.93	0.4	4.05	1.62 No	0.4	Element Fault
TWL071	406	'43781281_/5798052'		0.67	1.8	3.33	0.47	0.5	2.05	0.81 No	0.47	Thermal Discharging
TWL071	407	'5780967_/5780965'		1.2	3.53	6.67	0.08	2.4	4.28	1.62 No	0.08	Thermal Discharging
TWL071	408	'54525912_/54526023'		0.53	1.77	3.33	0.47	0.83	2.01	0.81 No	0.47	Thermal Discharging
TWL071	409	'7415404_/7415401_2'		1.7	5.3	10	1.4	0.9	6.13	2.43 No	0.9	Element Fault
TWL071	410	'71259014_/71259094'		0.57	1.77	3.33	0.47	0.5	2.03	0.81 No	0.47	Thermal Discharging
TWL071	411	'449402077_/64021207_1'		0.6	1.57	3.33	0.47	0.3	2	0.81 No	0.3	Element Fault
TWL071	412	'66750753_/66751119'		1.6	5.3	10	1.4	2.4	6.01	2.43 No	1.4	Thermal Discharging
TWL071	413	'66750729_/449401974'		1.6	5.3	10	1.4	2.5	6.01	2.43 No	1.4	Thermal Discharging
TWL071	414	'5794574_/449401646'		0.6	1.77	3.33	0.47	0.5	2.01	0.81 No	0.47	Thermal Discharging
TWL071	415	'5769586_/5769584'		1.7	5.3	10	1.4	1.5	6.21	2.43 No	1.4	Thermal Discharging
TWL071	416	'66552789_/57849783'		1.6	5.3	10	1.4	10	5.98	2.43 No	1.4	Thermal Discharging
TWL071	417	'404059662_/57849049'		1.6	5.3	10	1.4	10	5.98	2.43 No	1.4	Thermal Discharging
TWL071	418	'66552779_/57849043'		1.6	5.3	10	1.4	4.8	5.98	2.43 No	1.4	Thermal Discharging
TWL071	419	'66552815_/57849073'		1.6	5.3	10	1.4	10	5.98	2.43 No	1.4	Thermal Discharging
TWL071	420	'66552801_/57849067'		1.6	5.3	10	1.4	10	5.98	2.43 No	1.4	Thermal Discharging
TWL071	421	'5780651_/5780648'		0.6	1.77	3.33	0.04	0.3	2.11	0.81 No	0.04	Thermal Discharging
TWL071	422	'8995512_/8995509'		1.6	5.2	10	1.4	0.9	6.07	2.43 No	0.9	Element Fault
TWL071	423	'5794490_/43781307'		1.7	5.2	10	1.4	0.9	6.1	2.43 No	0.9	Element Fault
TWL071	424	'57850088_/57849633'		1.6	5.2	10	1.4	4.8	5.95	2.43 No	1.4	Thermal Discharging
TWL071	425	'69651640_/57849748_2'		1.6	5.2	10	1.4	10	5.94	2.43 No	1.4	Thermal Discharging
TWL071	426	'57849703_/57849748_1'		1.6	5.2	10	1.4	10	5.94	2.43 No	1.4	Thermal Discharging
TWL071	427	'5771323_/5771333'		0.63	1.73	3.33	0.47	0.5	1.98	0.81 No	0.47	Thermal Discharging
TWL071	428	'57850043_/57850094'		1.07	3.47	6.67	0.93	3.2	3.95	1.62 No	0.93	Thermal Discharging
TWL071	429	'4748458_/57849700'		1.6	5.2	10	1.4	10	5.92	2.43 No	1.4	Thermal Discharging
TWL071	430	'43781447_/5779453'		0.57	1.73	3.33	0.47	0.5	2	0.81 No	0.47	Thermal Discharging
TWL071	431	'4736261_/4748962'		1.6	5.1	10	1.4	10	5.88	2.43 No	1.4	Thermal Discharging
TWL071	432	'5771179_/5771176'		0.7	1.7	3.33	0.47	0.5	2.02	0.81 No	0.47	Thermal Discharging
TWL071	433	'4748442_/4748440_1'		0.53	1.7	3.33	0.47	0.5	1.96	0.81 No	0.47	Thermal Discharging
TWL071	434	'5771137_/5771134'		0.7	1.7	3.33	0.47	0.5	2.01	0.81 No	0.47	Thermal Discharging
TWL071	435	'5798118_/5798128'		0.67	1.7	3.33	0.47	0.5	1.99	0.81 No	0.47	Thermal Discharging
TWL071	436	'4736262_/4736259'		1.6	5.1	10	1.4	10	5.84	2.43 No	1.4	Thermal Discharging
TWL071	437	'5780679_/5780677'		0.57	1.7	3.33	0.04	0.3	2.06	0.81 No	0.04	Thermal Discharging
TWL071	438	'7415383_/7415381'		1.6	5.1	10	1.4	0.9	5.99	2.43 No	0.9	Element Fault
TWL071	439	'4736278_/4736276'		1.6	5.1	10	1.4	10	5.81	2.43 No	1.4	Thermal Discharging
TWL071	440	'66751432_/66751180_2'		0.53	1.7	3.33	0.47	0.83	1.95	0.81 No	0.47	Thermal Discharging
TWL071	441	'71258981_/71259021'		0.53	1.7	3.33	0.47	0.5	1.97	0.81 No	0.47	Thermal Discharging
TWL071	442	'8148269_/8148267_1'		0.67	1.67	3.33	0.47	0.3	1.98	0.81 No	0.3	Element Fault
TWL071	443	'5771636_/66751180_1'		0.53	1.7	3.33	0.47	0.2	1.95	0.81 No	0.2	Element Fault
TWL071	444	'5780667_/5780664'		0.57	1.67	3.33	0.04	0.3	2.06	0.81 No	0.04	Thermal Discharging
TWL071	445	'4748474_/4748472'		0.53	1.67	3.33	0.47	0.5	1.93	0.81 No	0.47	Thermal Discharging
TWL071	446	'43783207_/43783209'		0.57	1.67	3.33	0.04	0.3	2.05	0.81 No	0.04	Thermal Discharging
TWL071	447	'4736296_/4736293'		1.5	5	10	1.4	10	5.76	2.43 No	1.4	Thermal Discharging
TWL071	448	'4748443_/4748440_2'		0.53	1.67	3.33	0.47	0.5	1.93	0.81 No	0.47	Thermal Discharging
TWL071	449	'5771322_/5771320'		0.63	1.67	3.33	0.47	0.5	1.93	0.81 No	0.47	Thermal Discharging
TWL071	450	'4736313_/4736310'		1.5	5	10	1.4	10	5.72	2.43 No	1.4	Thermal Discharging
TWL071	451	'66750886_/66750983'		1.5	4.9	10	1.4	2.5	5.78	2.43 No	1.4	Thermal Discharging
TWL071	452	'66750839_/66750883'		1.5	4.9	10	1.4	2.5	5.78	2.43 No	1.4	Thermal Discharging
TWL071	453	'66750910_/66750907'		1	3.27	6.67	0.93	0.8	3.85	1.62 No	0.8	Element Fault
TWL071	454	'66750874_/66750871'		1.5	4.9	10	1.4	2.5	5.78	2.43 No	1.4	Thermal Discharging
TWL071	455	'66750897_/66750901'		1.5	4.9	10	1.4	1.2	5.78	2.43 No	1.2	Element Fault
TWL071	456	'4748513_/4748511_1'		0.5	1.63	3.33	0.47	0.5	1.91	0.81 No	0.47	Thermal Discharging
TWL071	457	'5798084_/5798098'		1.6	4.9	10	1.4	1.5	5.96	2.43 No	1.4	Thermal Discharging
TWL071	458	'4736330_/4736327'		1.5	4.9	10	1.4	10	5.69	2.43 No	1.4	Thermal Discharging
TWL071	459	'5771255_/5798115'		0.67	1.63	3.33	0.47	0.5	1.95	0.81 No	0.47	Thermal Discharging
TWL071	460	'4750136_/4750133'		0.53	1.63	3.33	0.47	0.5	1.91	0.81 No	0.47	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TWL071	461	'4748737_/_4748823_2'		1.5	4.9	10	1.4	3.6	5.68	2.43 No	1.4 Thermal Discharging
TWL071	462	'8458301_/_8777624_1'		0.53	1.63	3.33	0.47	0.3	1.98	0.81 No	0.3 Element Fault
TWL071	463	'496067956_/_66751210_1'		1.5	4.9	10	1.4	1.2	5.75	2.43 No	1.2 Element Fault
TWL071	464	'5797954_/_5797964'		1.13	3.27	6.67	0.08	2.4	4.05	1.62 No	0.08 Thermal Discharging
TWL071	465	'5771662_/_5771660'		0.5	1.63	3.33	0.47	0.2	1.91	0.81 No	0.2 Element Fault
TWL071	466	'7085186_/_7085184'		1.13	3.27	6.67	0.93	0.4	3.83	1.62 No	0.4 Element Fault
TWL071	467	'4736347_/_4736344'		1.5	4.9	10	1.4	10	5.65	2.43 No	1.4 Thermal Discharging
TWL071	468	'432567432_/_66751210_2'		1.5	4.9	10	1.4	1.2	5.73	2.43 No	1.2 Element Fault
TWL071	469	'71668865_/_5798021_3'		0.57	1.63	3.33	0.04	1.2	2.02	0.81 No	0.04 Thermal Discharging
TWL071	470	'66751456_/_66751249_2'		0.5	1.63	3.33	0.47	0.4	1.91	0.81 No	0.4 Element Fault
TWL071	471	'4748802_/_4748823_1'		1.5	4.8	10	1.4	1.5	5.64	2.43 No	1.4 Thermal Discharging
TWL071	472	'8777627_/_8777624_2'		0.53	1.6	3.33	0.47	0.3	1.96	0.81 No	0.3 Element Fault
TWL071	473	'4754314_/_4754361'		1.5	4.8	10	1.4	10	5.61	2.43 No	1.4 Thermal Discharging
TWL071	474	'4748514_/_4748511_2'		0.5	1.6	3.33	0.47	0.5	1.88	0.81 No	0.47 Thermal Discharging
TWL071	475	'5771297_/_5771307'		0.57	1.6	3.33	0.47	0.5	1.92	0.81 No	0.47 Thermal Discharging
TWL071	476	'7342930_/_8921823_1'		0.5	1.6	3.33	0.47	0.5	1.87	0.81 No	0.47 Thermal Discharging
TWL071	477	'43781830_/_5771189'		0.7	1.6	3.33	0.47	0.5	1.94	0.81 No	0.47 Thermal Discharging
TWL071	478	'66751480_/_66751284_2'		1.5	4.8	10	1.4	2.5	5.69	2.43 No	1.4 Thermal Discharging
TWL071	479	'5772184_/_5772195'		0.63	1.6	3.33	0.47	0.5	1.89	0.81 No	0.47 Thermal Discharging
TWL071	480	'4754381_/_4754378'		1.5	4.8	10	1.4	10	5.59	2.43 No	1.4 Thermal Discharging
TWL071	481	'5771530_/_66751249_1'		0.5	1.6	3.33	0.47	0.2	1.89	0.81 No	0.2 Element Fault
TWL071	482	'71668871_/_5798021_2'		0.57	1.6	3.33	0.04	0.3	2	0.81 No	0.04 Thermal Discharging
TWL071	483	'5771458_/_66751284_1'		1.5	4.8	10	1.4	1.6	5.68	2.43 No	1.4 Thermal Discharging
TWL071	484	'8148270_/_8148267_2'		0.67	1.6	3.33	0.47	0.3	1.92	0.81 No	0.3 Element Fault
TWL071	485	'5771205_/_5771202'		0.7	1.6	3.33	0.47	0.5	1.93	0.81 No	0.47 Thermal Discharging
TWL071	486	'4754297_/_4754311'		0.5	1.6	3.33	0.47	1.1	1.86	0.81 No	0.47 Thermal Discharging
TWL071	487	'8677125_/_8995589_1'		0.57	1.6	3.33	0.47	0.3	1.91	0.81 No	0.3 Element Fault
TWL071	488	'4754343_/_4754395'		1.5	4.8	10	1.4	10	5.54	2.43 No	1.4 Thermal Discharging
TWL071	489	'396923923_/_4754324_1'		1.5	4.8	10	1.4	3.4	5.53	2.43 No	1.4 Thermal Discharging
TWL071	490	'4748879_/_4754412'		1.5	4.7	10	1.4	10	5.52	2.43 No	1.4 Thermal Discharging
TWL071	491	'71864679_/_71864648_1'		1.5	4.7	10	1.4	1.5	5.51	2.43 No	1.4 Thermal Discharging
TWL071	492	'71258933_/_71258988'		0.5	1.57	3.33	0.47	0.5	1.89	0.81 No	0.47 Thermal Discharging
TWL071	493	'54526039_/_449401682_2'		0.6	1.57	3.33	0.47	0.3	1.88	0.81 No	0.3 Element Fault
TWL071	494	'5797620_/_5797951'		1.07	3.13	6.67	0.08	2.4	3.95	1.62 No	0.08 Thermal Discharging
TWL071	495	'5779734_/_432567429'		1.5	4.7	10	1.4	1.2	5.62	2.43 No	1.2 Element Fault
TWL071	496	'453674331_/_414668100_1'		1.5	4.7	10	1.4	1.2	5.61	2.43 No	1.2 Element Fault
TWL071	497	'492881354_/_414668100_2'		1.5	4.7	10	1.4	1.2	5.61	2.43 No	1.2 Element Fault
TWL071	498	'65197728_/_5797643_1'		0.53	1.57	3.33	0.04	0.3	1.97	0.81 No	0.04 Thermal Discharging
TWL071	499	'5794806_/_7085148'		0.53	1.57	3.33	0.47	0.5	1.86	0.81 No	0.47 Thermal Discharging
TWL071	500	'4748880_/_4748877'		1.5	4.7	10	1.4	10	5.47	2.43 No	1.4 Thermal Discharging
TWL071	501	'5780624_/_5780622'		0.53	1.57	3.33	0.04	0.3	1.96	0.81 No	0.04 Thermal Discharging
TWL071	502	'43781662_/_282431070'		0.5	1.57	3.33	0.47	0.53	1.86	0.81 No	0.47 Thermal Discharging
TWL071	503	'4754298_/_4754295'		0.5	1.57	3.33	0.47	0.5	1.83	0.81 No	0.47 Thermal Discharging
TWL071	504	'4748803_/_43570238'		1.4	4.7	10	1.4	1.5	5.52	2.43 No	1.4 Primary Over-Voltage
TWL071	505	'5771637_/_5771634'		0.47	1.57	3.33	0.47	0.2	1.86	0.81 No	0.2 Element Fault
TWL071	506	'5793420_/_5798021_1'		0.53	1.57	3.33	0.04	0.3	1.96	0.81 No	0.04 Thermal Discharging
TWL071	507	'4748897_/_4748894'		1.5	4.7	10	1.4	10	5.44	2.43 No	1.4 Thermal Discharging
TWL071	508	'54526016_/_54526046'		0.6	1.57	3.33	0.47	0.3	1.86	0.81 No	0.3 Element Fault
TWL071	509	'65197734_/_5797643_2'		0.53	1.53	3.33	0.04	0.3	1.96	0.81 No	0.04 Thermal Discharging
TWL071	510	'719497620_/_719497568_2'		1.4	4.6	10	1.4	5.4	5.45	2.43 No	1.4 Primary Over-Voltage
TWL071	511	'43781930_/_5771582'		0.47	1.53	3.33	0.47	0.2	1.85	0.81 No	0.2 Element Fault
TWL071	512	'5772185_/_5772182'		0.63	1.53	3.33	0.47	0.5	1.85	0.81 No	0.47 Thermal Discharging
TWL071	513	'4748487_/_4750149'		0.53	1.53	3.33	0.47	0.5	1.84	0.81 No	0.47 Thermal Discharging
TWL071	514	'7657827_/_7657825_1'		1.4	4.6	10	1.4	1.6	5.42	2.43 No	1.4 Primary Over-Voltage
TWL071	515	'4748914_/_4748911'		1.4	4.6	10	1.4	10	5.41	2.43 No	1.4 Primary Over-Voltage
TWL071	516	'4754327_/_4754324_2'		1.4	4.6	10	1.4	3.4	5.44	2.43 No	1.4 Primary Over-Voltage
TWL071	517	'5797607_/_5797617'		0.53	1.53	3.33	0.04	1.2	1.94	0.81 No	0.04 Thermal Discharging
TWL071	518	'8602443_/_314871948'		1.4	4.6	10	1.4	2.4	5.53	2.43 No	1.4 Primary Over-Voltage
TWL071	519	'43568623_/_4748928'		1.4	4.6	10	1.4	10	5.38	2.43 No	1.4 Primary Over-Voltage
TWL071	520	'5771296_/_5771294'		0.57	1.53	3.33	0.47	0.5	1.86	0.81 No	0.47 Thermal Discharging
TWL071	521	'43781806_/_43781808'		0.67	1.53	3.33	0.47	0.5	1.86	0.81 No	0.47 Thermal Discharging
TWL071	522	'4736533_/_43568625'		1.4	4.6	10	1.4	10	5.36	2.43 No	1.4 Primary Over-Voltage
TWL071	523	'5780418_/_5797982'		0.53	1.53	3.33	0.04	0.3	1.93	0.81 No	0.04 Thermal Discharging
TWL071	524	'4748543_/_4748540'		0.5	1.53	3.33	0.47	0.5	1.81	0.81 No	0.47 Thermal Discharging
TWL071	525	'4748649_/_4748857'		1.4	4.5	10	1.4	10	5.34	2.43 No	1.4 Primary Over-Voltage
TWL071	526	'5772444_/_5772442'		0.7	1.5	3.33	0.47	0.5	1.87	0.81 No	0.47 Thermal Discharging
TWL071	527	'4748650_/_4748684_1'		1.4	4.5	10	1.4	1.6	5.33	2.43 No	1.4 Primary Over-Voltage
TWL071	528	'5779735_/_5779732'		0.5	1.5	3.33	0.47	0.4	1.82	0.81 No	0.4 Element Fault
TWL071	529	'43569225_/_4736531'		1.4	4.5	10	1.4	10	5.32	2.43 No	1.4 Primary Over-Voltage
TWL071	530	'43781717_/_5771647'		0.47	1.5	3.33	0.47	0.2	1.82	0.81 No	0.2 Element Fault
TWL071	531	'43781650_/_43781652'		1	3	6.67	0.93	1.07	3.64	1.62 No	0.93 Thermal Discharging
TWL071	532	'5797044_/_5797054'		0.63	1.5	3.33	0.47	0.5	1.81	0.81 No	0.47 Thermal Discharging
TWL071	533	'5772380_/_5772390'		0.7	1.5	3.33	0.47	0.5	1.86	0.81 No	0.47 Thermal Discharging
TWL071	534	'43568749_/_4750510'		1.4	4.5	10	1.4	10	5.29	2.43 No	1.4 Primary Over-Voltage
TWL071	535	'64578205_/_71258938'		0.47	1.5	3.33	0.47	0.5	1.83	0.81 No	0.47 Primary Over-Voltage
TWL071	536	'71864641_/_71864648_2'		1.4	4.5	10	1.4	1.5	5.34	2.43 No	1.4 Primary Over-Voltage
TWL071	537	'5774735_/_5797643_3'		0.5	1.5	3.33	0.04	0.3	1.91	0.81 No	0.04 Thermal Discharging
TWL071	538	'5771556_/_5771553'		0.47	1.5	3.33	0.47	0.2	1.81	0.81 No	0.2 Element Fault
TWL071	539	'5771443_/_5771440_2'		1	3	6.67	0.93	1.07	3.62	1.62 No	0.93 Thermal Discharging
TWL071	540	'4748666_/_4748684_2'		1.4	4.5	10	1.4	1.6	5.29	2.43 No	1.4 Primary Over-Voltage
TWL071	541	'5771217_/_5798081'		1.4	4.5	10	1.4	1.5	5.62	2.43 No	1.4 Primary Over-Voltage
TWL071	542	'43782897_/_5794804'		0.53	1.47	3.33	0.47	0.5	1.79	0.81 No	0.47 Thermal Discharging
TWL071	543	'7787753_/_414668100_3'		1.4	4.4	10	1.4	1.2	5.4	2.43 No	1.2 Element Fault
TWL071	544	'4748488_/_4748485_1'		0.53	1.47	3.33	0.47	0.5	1.78	0.81 No	0.47 Thermal Discharging
TWL071	545	'5780419_/_5780416'		0.5	1.47	3.33	0.04	0.3	1.88	0.81 No	0.04 Thermal Discharging
TWL071	546	'5780500_/_5797630'		0.5	1.47	3.33	0.04	0.3	1.88	0.81 No	0.04 Thermal Discharging
TWL071	547	'428240808_/_414668138_1'		1.4	4.4	10	1.4	2.4	5.37	2.43 No	1.4 Primary Over-Voltage
TWL071	548	'43784833_/_43784835'		0.5	1.47	3.33	0.04	0.3	1.88	0.81 No	0.04 Thermal Discharging
TWL071	549	'43568601_/_4748485_2'		0.53	1.47	3.33	0.47	0.5	1.77	0.81 No	0.47 Thermal Discharging
TWL071	550	'5772237_/_5772247'		0.57	1.47	3.33	0.47	0.5	1.8	0.81 No	0.47 Thermal Discharging
TWL071	551	'43781728_/_5771569'		0.47	1.47	3.33	0.47	0.2	1.78	0.81 No	0.2 Element Fault
TWL071	552	'4754432_/_4754429'		1.4	4.3	10	1.4	3.4	5.25	2.43 No	1.4 Primary Over-Voltage
TWL071	553	'7659618_/_8995589_2'		0.57	1.43	3.33	0.47	0.3	1.8	0.81 No	0.3 Element Fault
TWL071	554	'43785014_/_43785016'		0.63	1.43	3.33	0.47	0.5	1.76	0.81 No	0.47 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TWL071	555	'43568612_/4748553'	0.5	1.43	3.33	0.47	0.5	1.75	0.81 No	0.47	Thermal Discharging
TWL071	556	'5772341_/5772351'	0.67	1.43	3.33	0.47	0.5	1.79	0.81 No	0.47	Thermal Discharging
TWL071	557	'5772379_/5772377'	0.7	1.43	3.33	0.47	0.5	1.8	0.81 No	0.47	Thermal Discharging
TWL071	558	'5797606_/5797604'	0.53	1.43	3.33	0.04	1.2	1.85	0.81 No	0.04	Thermal Discharging
TWL071	559	'8603369_/719497568_1'	1.3	4.3	10	1.4	1.5	5.18	2.43 No	1.3	Primary Over-Voltage
TWL071	560	'43781841_/43781843'	0.7	1.43	3.33	0.47	0.5	1.79	0.81 No	0.47	Thermal Discharging
TWL071	561	'453170771_/57850049'	1.3	4.2	10	1.4	4.8	5.25	2.43 No	1.3	Primary Over-Voltage
TWL071	562	'43781751_/43781753'	0.43	1.4	3.33	0.47	0.2	1.75	0.81 No	0.2	Element Fault
TWL071	563	'5771428_/5771440_1'	1	2.8	6.67	0.93	1.07	3.5	1.62 No	0.93	Thermal Discharging
TWL071	564	'43783172_/5774733'	0.5	1.4	3.33	0.04	0.3	1.83	0.81 No	0.04	Thermal Discharging
TWL071	565	'43572735_/43572737'	0.5	1.4	3.33	0.47	0.5	1.72	0.81 No	0.47	Thermal Discharging
TWL071	566	'64578085_/64578212'	0.43	1.4	3.33	0.47	0.5	1.76	0.81 No	0.43	Primary Over-Voltage
TWL071	567	'7657828_/7657825_2'	1.3	4.2	10	1.4	1.6	5.13	2.43 No	1.3	Primary Over-Voltage
TWL071	568	'43782902_/43782899'	0.53	1.4	3.33	0.47	0.5	1.73	0.81 No	0.47	Thermal Discharging
TWL071	569	'43568710_/4748664'	1.3	4.2	10	1.4	1.6	5.1	2.43 No	1.3	Primary Over-Voltage
TWL071	570	'5774722_/5774720_1'	0.47	1.4	3.33	0.04	0.3	1.82	0.81 No	0.04	Thermal Discharging
TWL071	571	'5780406_/5793401'	0.47	1.4	3.33	0.04	0.3	1.82	0.81 No	0.04	Thermal Discharging
TWL071	572	'453170745_/453170775'	0.87	2.8	6.67	0.93	3.2	3.49	1.62 No	0.87	Primary Over-Voltage
TWL071	573	'43783183_/5780497'	0.47	1.4	3.33	0.04	0.3	1.82	0.81 No	0.04	Thermal Discharging
TWL071	574	'43785013_/5797041'	0.63	1.4	3.33	0.47	0.5	1.72	0.81 No	0.47	Thermal Discharging
TWL071	575	'8921826_/8921823_2'	0.5	1.4	3.33	0.47	0.5	1.71	0.81 No	0.47	Thermal Discharging
TWL071	576	'5772224_/5772234'	0.57	1.37	3.33	0.47	0.5	1.75	0.81 No	0.47	Thermal Discharging
TWL071	577	'43568617_/55830588'	0.5	1.37	3.33	0.47	0.5	1.71	0.81 No	0.47	Thermal Discharging
TWL071	578	'423750734_/453170749'	1.3	4.1	10	1.4	4.8	5.15	2.43 No	1.3	Primary Over-Voltage
TWL071	579	'5772419_/5772429'	0.7	1.37	3.33	0.47	0.5	1.75	0.81 No	0.47	Thermal Discharging
TWL071	580	'43568606_/43568603'	0.53	1.37	3.33	0.47	0.5	1.7	0.81 No	0.47	Thermal Discharging
TWL071	581	'423750760_/423750830'	1.3	4.1	10	1.4	4.8	5.14	2.43 No	1.3	Primary Over-Voltage
TWL071	582	'43568660_/4754440'	1.3	4.1	10	1.4	3.4	5.08	2.43 No	1.3	Primary Over-Voltage
TWL071	583	'43781740_/43781730'	0.43	1.37	3.33	0.47	0.2	1.71	0.81 No	0.2	Element Fault
TWL071	584	'5797886_/5797896'	0.53	1.37	3.33	0.04	1.2	1.78	0.81 No	0.04	Thermal Discharging
TWL071	585	'5772328_/5772338'	0.67	1.37	3.33	0.47	0.5	1.72	0.81 No	0.47	Thermal Discharging
TWL071	586	'5772406_/5772416'	0.67	1.33	3.33	0.47	0.5	1.73	0.81 No	0.47	Thermal Discharging
TWL071	587	'71668839_/43783126_3'	0.53	1.37	3.33	0.04	1.1	1.78	0.81 No	0.04	Thermal Discharging
TWL071	588	'5774723_/5774720_2'	0.47	1.33	3.33	0.04	0.3	1.77	0.81 No	0.04	Thermal Discharging
TWL071	589	'5770705_/5770755'	1.3	4	10	1.4	3.6	5.25	2.43 No	1.3	Primary Over-Voltage
TWL071	590	'4748704_/43568712'	1.3	4	10	1.4	1.6	4.96	2.43 No	1.3	Primary Over-Voltage
TWL071	591	'43568636_/4754451'	0.5	1.33	3.33	0.47	0.5	1.66	0.81 No	0.47	Thermal Discharging
TWL071	592	'5797873_/43783126_2'	0.53	1.33	3.33	0.04	0.3	1.76	0.81 No	0.04	Thermal Discharging
TWL071	593	'487990797_/487990734_1'	0.43	1.33	3.33	0.47	0.3	1.74	0.81 No	0.3	Element Fault
TWL071	594	'5779884_/5780403'	0.47	1.33	3.33	0.04	0.3	1.76	0.81 No	0.04	Thermal Discharging
TWL071	595	'5771413_/5771425'	1	2.67	6.67	0.93	1.07	3.37	1.62 No	0.93	Thermal Discharging
TWL071	596	'43781208_/5771215'	1.3	4	10	1.4	1.5	5.22	2.43 No	1.3	Primary Over-Voltage
TWL071	597	'5780474_/5780484'	0.47	1.33	3.33	0.04	0.3	1.75	0.81 No	0.04	Thermal Discharging
TWL071	598	'43781773_/5772221'	0.57	1.33	3.33	0.47	0.5	1.69	0.81 No	0.47	Thermal Discharging
TWL071	599	'74664096_/423750764'	1.2	3.9	10	1.4	4.8	5	2.43 No	1.2	Primary Over-Voltage
TWL071	600	'5780431_/5780429'	0.47	1.3	3.33	0.04	0.3	1.74	0.81 No	0.04	Thermal Discharging
TWL071	601	'4748721_/4748718'	1.2	3.9	10	1.4	1.6	4.89	2.43 No	1.2	Primary Over-Voltage
TWL071	602	'64577947_/64578092'	0.4	1.3	3.33	0.47	0.5	1.67	0.81 No	0.4	Primary Over-Voltage
TWL071	603	'5779883_/5779881'	0.43	1.3	3.33	0.04	0.3	1.73	0.81 No	0.04	Thermal Discharging
TWL071	604	'43783124_/43783126_1'	0.53	1.3	3.33	0.04	0.3	1.73	0.81 No	0.04	Thermal Discharging
TWL071	605	'5770706_/5770703'	1.3	3.9	10	1.4	3.6	5.13	2.43 No	1.3	Primary Over-Voltage
TWL071	606	'5772405_/5772403'	0.63	1.3	3.33	0.47	0.5	1.68	0.81 No	0.47	Thermal Discharging
TWL071	607	'7659617_/7659615'	0.57	1.3	3.33	0.47	0.3	1.67	0.81 No	0.3	Element Fault
TWL071	608	'4748595_/43568662'	1.2	3.9	10	1.4	3.4	4.89	2.43 No	1.2	Primary Over-Voltage
TWL071	609	'57849205_/57849233'	0.4	1.27	3.33	0.47	1.5	1.37	0.81 No	0.4	Primary Over-Voltage
TWL071	610	'66552726_/57849203'	0.4	1.27	3.33	0.47	1.5	1.37	0.81 No	0.4	Primary Over-Voltage
TWL071	611	'66552736_/57849215'	0.4	1.27	3.33	0.47	1.5	1.37	0.81 No	0.4	Primary Over-Voltage
TWL071	612	'66552756_/57849239'	0.4	1.27	3.33	0.47	1.5	1.37	0.81 No	0.4	Primary Over-Voltage
TWL071	613	'43781795_/5772325'	0.67	1.27	3.33	0.47	0.5	1.66	0.81 No	0.47	Thermal Discharging
TWL071	614	'5770219_/5784193'	0.43	1.27	3.33	0.04	0.3	1.71	0.81 No	0.04	Thermal Discharging
TWL071	615	'66552745_/57850199'	0.4	1.27	3.33	0.47	1.5	1.37	0.81 No	0.4	Primary Over-Voltage
TWL071	616	'4750237_/4750234'	1.2	3.8	10	1.4	1.6	4.81	2.43 No	1.2	Primary Over-Voltage
TWL071	617	'5780379_/5797909'	0.53	1.27	3.33	0.04	0.3	1.7	0.81 No	0.04	Thermal Discharging
TWL071	618	'5780458_/5780471'	0.43	1.27	3.33	0.04	0.3	1.7	0.81 No	0.04	Thermal Discharging
TWL071	619	'433007277_/433007274'	1.2	3.8	10	1.4	3.5	5.05	2.43 No	1.2	Primary Over-Voltage
TWL071	620	'433007338_/431136332_1'	1.2	3.8	10	1.4	0.9	5.05	2.43 No	0.9	Element Fault
TWL071	621	'43568641_/43568638'	0.5	1.27	3.33	0.47	0.5	1.6	0.81 No	0.47	Thermal Discharging
TWL071	622	'5771381_/5771410'	1	2.53	6.67	0.93	1.07	3.24	1.62 No	0.93	Thermal Discharging
TWL071	623	'5780299_/5797883'	0.53	1.27	3.33	0.04	1.2	1.69	0.81 No	0.04	Thermal Discharging
TWL071	624	'5772210_/5772208'	0.57	1.27	3.33	0.47	0.5	1.63	0.81 No	0.47	Thermal Discharging
TWL071	625	'431136289_/431136332_2'	1.2	3.8	10	1.4	0.9	5.02	2.43 No	0.9	Element Fault
TWL071	626	'4750099_/4750096'	1.2	3.8	10	1.4	1.6	4.76	2.43 No	1.2	Primary Over-Voltage
TWL071	627	'5771382_/5784110_2'	0.5	1.23	3.33	0.47	0.53	1.62	0.81 No	0.47	Thermal Discharging
TWL071	628	'4748612_/4748609'	1.2	3.7	10	1.4	3.4	4.8	2.43 No	1.2	Primary Over-Voltage
TWL071	629	'4750280_/4750277'	1.2	3.7	10	1.4	1.6	4.75	2.43 No	1.2	Primary Over-Voltage
TWL071	630	'7343045_/7657885_2'	1.2	3.7	10	1.4	1.6	4.74	2.43 No	1.2	Primary Over-Voltage
TWL071	631	'487990718_/487990734_2'	0.43	1.23	3.33	0.47	0.3	1.66	0.81 No	0.3	Element Fault
TWL071	632	'5770218_/5770216'	0.43	1.23	3.33	0.04	0.3	1.67	0.81 No	0.04	Thermal Discharging
TWL071	633	'5780354_/5780364'	0.53	1.23	3.33	0.04	0.3	1.67	0.81 No	0.04	Thermal Discharging
TWL071	634	'43568647_/4748765'	1.1	3.7	10	1.4	3.4	4.73	2.43 No	1.1	Primary Over-Voltage
TWL071	635	'7657887_/7657885_1'	1.1	3.7	10	1.4	0.9	4.69	2.43 No	0.9	Element Fault
TWL071	636	'5784112_/5784110_1'	0.5	1.23	3.33	0.47	0.3	1.59	0.81 No	0.3	Element Fault
TWL071	637	'4750260_/4750257'	1.1	3.7	10	1.4	1.6	4.69	2.43 No	1.1	Primary Over-Voltage
TWL071	638	'43781794_/5772364'	0.63	1.23	3.33	0.47	0.5	1.6	0.81 No	0.47	Thermal Discharging
TWL071	639	'64577639_/64577954'	0.4	1.2	3.33	0.47	0.5	1.59	0.81 No	0.4	Primary Over-Voltage
TWL071	640	'87267269_/87267230_1'	0.63	1.2	3.33	0.47	0.3	1.6	0.81 No	0.3	Element Fault
TWL071	641	'5780380_/5780377'	0.53	1.2	3.33	0.04	0.3	1.64	0.81 No	0.04	Thermal Discharging
TWL071	642	'43781638_/5771395'	1	2.4	6.67	0.93	1.07	3.15	1.62 No	0.93	Thermal Discharging
TWL071	643	'43571770_/4750113'	1.1	3.6	10	1.4	3.4	4.66	2.43 No	1.1	Primary Over-Voltage
TWL071	644	'5771218_/43781210'	1.1	3.6	10	1.4	1.5	4.87	2.43 No	1.1	Primary Over-Voltage
TWL071	645	'43781762_/43781764'	0.57	1.2	3.33	0.47	0.5	1.57	0.81 No	0.47	Thermal Discharging
TWL071	646	'570609193_/570608743_1'	1.1	3.6	10	1.4	2.4	4.65	2.43 No	1.1	Primary Over-Voltage
TWL071	647	'5780286_/5780296'	0.53	1.2	3.33	0.04	1.2	1.62	0.81 No	0.04	Thermal Discharging
TWL071	648	'57519780_/57519733_2'	0.37	1.2	3.33	0.47	1.5	1.32	0.81 No	0.37	Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TWL071	649	'622884714_/570608743_2'	1.1	3.6	10	1.4	2.4	4.63	2.43 No	1.1	Primary Over-Voltage
TWL071	650	'5794544_/57519733_1'	0.37	1.2	3.33	0.47	0.5	1.32	0.81 No	0.37	Primary Over-Voltage
TWL071	651	'5772600_/7415523_1'	0.57	1.17	3.33	0.47	0.3	1.57	0.81 No	0.3	Element Fault
TWL071	652	'43783113_/43783115'	0.53	1.17	3.33	0.04	0.3	1.61	0.81 No	0.04	Thermal Discharging
TWL071	653	'43781162_/5770625'	0.4	1.17	3.33	0.04	0.3	1.61	0.81 No	0.04	Thermal Discharging
TWL071	654	'8052690_/9309300'	0.57	1.17	3.33	0.47	0.3	1.56	0.81 No	0.3	Element Fault
TWL071	655	'5794543_/5794541'	0.37	1.17	3.33	0.47	0.5	1.31	0.81 No	0.37	Primary Over-Voltage
TWL071	656	'43568723_/4750365'	1.1	3.5	10	1.4	1.6	4.54	2.43 No	1.1	Primary Over-Voltage
TWL071	657	'702924738_/699039240_2'	1.1	3.5	10	1.4	1.6	4.53	2.43 No	1.1	Primary Over-Voltage
TWL071	658	'570609188_/622884720'	1.1	3.5	10	1.4	2.4	4.56	2.43 No	1.1	Primary Over-Voltage
TWL071	659	'570608898_/570609135'	1.1	3.5	10	1.4	2.4	4.56	2.43 No	1.1	Primary Over-Voltage
TWL071	660	'570609146_/570609143'	1.1	3.5	10	1.4	2.4	4.56	2.43 No	1.1	Primary Over-Voltage
TWL071	661	'37836339_/570609129'	1.1	3.5	10	1.4	2.4	4.56	2.43 No	1.1	Primary Over-Voltage
TWL071	662	'570609217_/570609123'	1.1	3.5	10	1.4	2.4	4.56	2.43 No	1.1	Primary Over-Voltage
TWL071	663	'43784811_/5793359'	0.5	1.17	3.33	0.04	0.3	1.59	0.81 No	0.04	Thermal Discharging
TWL071	664	'4729650_/7085032'	0.5	1.17	3.33	0.47	0.3	1.53	0.81 No	0.3	Element Fault
TWL071	665	'57850252_/57850281'	0.37	1.17	3.33	0.47	1.4	1.3	0.81 No	0.37	Primary Over-Voltage
TWL071	666	'5779692_/7085016'	0.5	1.13	3.33	0.47	0.3	1.52	0.81 No	0.3	Element Fault
TWL071	667	'5771349_/43781854'	1	2.27	6.67	0.93	1.07	3.04	1.62 No	0.93	Thermal Discharging
TWL071	668	'43568685_/570608969'	1.1	3.4	10	1.4	2.4	4.51	2.43 No	1.1	Primary Over-Voltage
TWL071	669	'7415525_/7415523_2'	0.57	1.13	3.33	0.47	0.3	1.52	0.81 No	0.3	Element Fault
TWL071	670	'5780270_/5780283'	0.5	1.13	3.33	0.04	1.2	1.56	0.81 No	0.04	Thermal Discharging
TWL071	671	'43782984_/5794884'	0.37	1.13	3.33	0.47	0.5	1.28	0.81 No	0.37	Primary Over-Voltage
TWL071	672	'5770206_/5779894'	0.5	1.13	3.33	0.04	0.3	1.56	0.81 No	0.04	Thermal Discharging
TWL071	673	'56814588_/57850258'	0.37	1.13	3.33	0.47	1.4	1.28	0.81 No	0.37	Primary Over-Voltage
TWL071	674	'5793322_/5793346'	0.5	1.13	3.33	0.04	0.3	1.56	0.81 No	0.04	Thermal Discharging
TWL071	675	'453589723_/453170815'	0.43	1.1	3.33	0.47	1.4	1.28	0.81 No	0.43	Primary Over-Voltage
TWL071	676	'5770248_/5794663'	0.33	1.13	3.33	0.47	0.5	1.27	0.81 No	0.33	Primary Over-Voltage
TWL071	677	'5770628_/43781164'	0.4	1.1	3.33	0.04	0.3	1.55	0.81 No	0.04	Thermal Discharging
TWL071	678	'453171195_/453589787'	0.43	1.1	3.33	0.47	1.4	1.28	0.81 No	0.43	Primary Over-Voltage
TWL071	679	'453170801_/453170807'	0.43	1.1	3.33	0.47	1.4	1.28	0.81 No	0.43	Primary Over-Voltage
TWL071	680	'43781553_/5794679'	0.33	1.1	3.33	0.47	0.5	1.27	0.81 No	0.33	Primary Over-Voltage
TWL071	681	'7342945_/570609003'	1	3.3	10	1.4	2.4	4.43	2.43 No	1	Primary Over-Voltage
TWL071	682	'43568281_/4729647'	0.5	1.1	3.33	0.47	0.3	1.49	0.81 No	0.3	Element Fault
TWL071	683	'87267219_/87267230_2'	0.57	1.1	3.33	0.47	0.3	1.5	0.81 No	0.3	Element Fault
TWL071	684	'5779722_/5784094'	0.5	1.1	3.33	0.47	0.53	1.49	0.81 No	0.47	Thermal Discharging
TWL071	685	'5770205_/5770203'	0.5	1.1	3.33	0.04	0.3	1.53	0.81 No	0.04	Thermal Discharging
TWL071	686	'43782840_/5779690'	0.47	1.1	3.33	0.47	0.3	1.48	0.81 No	0.3	Element Fault
TWL071	687	'5771238_/5771235'	1.1	3.3	10	1.4	1.5	4.6	2.43 No	1.1	Primary Over-Voltage
TWL071	688	'5779935_/43782986'	0.33	1.1	3.33	0.47	0.5	1.26	0.81 No	0.33	Primary Over-Voltage
TWL071	689	'5780163_/5780267'	0.47	1.1	3.33	0.04	1.2	1.52	0.81 No	0.04	Thermal Discharging
TWL071	690	'4750368_/43568725'	1	3.3	10	1.4	1.6	4.33	2.43 No	1	Primary Over-Voltage
TWL071	691	'5770680_/5770690'	0.37	1.07	3.33	0.04	0.3	1.51	0.81 No	0.04	Thermal Discharging
TWL071	692	'4748631_/4748782'	0.67	2.13	6.67	0.93	1.6	2.89	1.62 No	0.67	Primary Over-Voltage
TWL071	693	'5770249_/5770246'	0.33	1.07	3.33	0.47	0.5	1.25	0.81 No	0.33	Primary Over-Voltage
TWL071	694	'5770508_/5770518'	0.47	1.07	3.33	0.04	0.3	1.5	0.81 No	0.04	Thermal Discharging
TWL071	695	'717728632_/549319188_2'	0.47	1.07	3.33	0.04	0.3	1.5	0.81 No	0.04	Thermal Discharging
TWL071	696	'9550707_/699039240_1'	1	3.2	10	1.4	0.9	4.27	2.43 No	0.9	Element Fault
TWL071	697	'5779936_/5779933'	0.33	1.07	3.33	0.47	0.5	1.24	0.81 No	0.33	Primary Over-Voltage
TWL071	698	'43782845_/43782842'	0.47	1.07	3.33	0.47	0.3	1.44	0.81 No	0.3	Element Fault
TWL071	699	'5795471_/43781559'	0.33	1.07	3.33	0.47	0.5	1.24	0.81 No	0.33	Primary Over-Voltage
TWL071	700	'43568325_/5779719'	0.47	1.07	3.33	0.47	0.53	1.44	0.81 No	0.47	Primary Over-Voltage
TWL071	701	'5772558_/5771346'	0.93	2.13	6.67	0.93	1.07	2.88	1.62 No	0.93	Primary Over-Voltage
TWL071	702	'5780311_/5793320'	0.47	1.07	3.33	0.04	0.3	1.48	0.81 No	0.04	Thermal Discharging
TWL071	703	'4729624_/4729634'	0.47	1.07	3.33	0.47	0.3	1.43	0.81 No	0.3	Element Fault
TWL071	704	'5780150_/5780160'	0.47	1.03	3.33	0.04	1.1	1.48	0.81 No	0.04	Thermal Discharging
TWL071	705	'43781375_/5770984'	0.33	1.03	3.33	0.47	0.5	1.23	0.81 No	0.33	Primary Over-Voltage
TWL071	706	'5779949_/5779946'	0.33	1.03	3.33	0.47	0.5	1.22	0.81 No	0.33	Primary Over-Voltage
TWL071	707	'655767972_/655767976'	1	3.1	10	1.4	0.9	4.19	2.43 No	0.9	Element Fault
TWL071	708	'5770667_/5770677'	0.37	1.03	3.33	0.04	0.3	1.46	0.81 No	0.04	Thermal Discharging
TWL071	709	'5780176_/5780173'	0.47	1.03	3.33	0.04	1.1	1.46	0.81 No	0.04	Thermal Discharging
TWL071	710	'549319158_/549319188_1'	0.47	1.03	3.33	0.04	0.3	1.45	0.81 No	0.04	Thermal Discharging
TWL071	711	'43568673_/4748629'	0.67	2.07	6.67	0.93	1.6	2.8	1.62 No	0.67	Primary Over-Voltage
TWL071	712	'87267434_/87267448'	0.53	1.03	3.33	0.47	0.3	1.42	0.81 No	0.3	Element Fault
TWL071	713	'56814639_/56814646'	0.33	1.03	3.33	0.47	1.4	1.21	0.81 No	0.33	Primary Over-Voltage
TWL071	714	'5779923_/5779920'	0.33	1.03	3.33	0.47	0.5	1.21	0.81 No	0.33	Primary Over-Voltage
TWL071	715	'5794900_/5794897'	0.33	1.03	3.33	0.47	0.5	1.21	0.81 No	0.33	Primary Over-Voltage
TWL071	716	'4748632_/8295258_1'	0.67	2.07	6.67	0.93	0.4	2.79	1.62 No	0.4	Element Fault
TWL071	717	'5772524_/5772538'	1	3.1	10	1.4	1.5	4.37	2.43 No	1	Primary Over-Voltage
TWL071	718	'8677109_/8677106'	0.53	1.03	3.33	0.47	0.3	1.41	0.81 No	0.3	Element Fault
TWL071	719	'5780312_/5780309'	0.43	1.03	3.33	0.04	0.3	1.44	0.81 No	0.04	Thermal Discharging
TWL071	720	'5770534_/5770531'	0.47	1.03	3.33	0.04	0.3	1.44	0.81 No	0.04	Thermal Discharging
TWL071	721	'5794694_/5795481'	0.33	1.03	3.33	0.47	0.5	1.21	0.81 No	0.33	Primary Over-Voltage
TWL071	722	'56814670_/56814677'	0.33	1.03	3.33	0.47	1.4	1.21	0.81 No	0.33	Primary Over-Voltage
TWL071	723	'5772573_/5772570'	0.87	2.07	6.67	0.93	1.07	2.8	1.62 No	0.87	Primary Over-Voltage
TWL071	724	'5772587_/5784078_2'	0.43	1.03	3.33	0.47	0.53	1.39	0.81 No	0.43	Primary Over-Voltage
TWL071	725	'65197845_/5770544_2'	0.43	1	3.33	0.04	0.3	1.43	0.81 No	0.04	Thermal Discharging
TWL071	726	'43568270_/43568272'	0.43	1	3.33	0.47	0.3	1.39	0.81 No	0.3	Element Fault
TWL071	727	'5780137_/5780147'	0.43	1	3.33	0.04	1.1	1.43	0.81 No	0.04	Thermal Discharging
TWL071	728	'5770546_/5770544_1'	0.43	1	3.33	0.04	0.2	1.42	0.81 No	0.04	Thermal Discharging
TWL071	729	'43568324_/7085048'	0.43	1	3.33	0.47	0.53	1.38	0.81 No	0.43	Primary Over-Voltage
TWL071	730	'4729663_/4729660'	0.43	1	3.33	0.47	0.3	1.38	0.81 No	0.3	Element Fault
TWL071	731	'43781963_/5772611'	0.87	2	6.67	0.93	1.07	2.76	1.62 No	0.87	Primary Over-Voltage
TWL071	732	'43781173_/5770664'	0.33	1	3.33	0.04	0.3	1.42	0.81 No	0.04	Thermal Discharging
TWL071	733	'5770180_/5770177'	0.3	1	3.33	0.47	0.5	1.19	0.81 No	0.3	Primary Over-Voltage
TWL071	734	'5770481_/549319174'	0.43	1	3.33	0.04	0.3	1.42	0.81 No	0.04	Thermal Discharging
TWL071	735	'43783102_/5780186'	0.43	1	3.33	0.04	1.1	1.42	0.81 No	0.04	Thermal Discharging
TWL071	736	'5772614_/5772626_1'	0.87	2	6.67	0.93	1	2.75	1.62 No	0.87	Primary Over-Voltage
TWL071	737	'8295260_/8295258_2'	0.6	2	6.67	0.93	0.4	2.73	1.62 No	0.4	Element Fault
TWL071	738	'43782995_/5794910'	0.3	1	3.33	0.47	0.5	1.19	0.81 No	0.3	Primary Over-Voltage
TWL071	739	'43783135_/5780325'	0.43	1	3.33	0.04	0.3	1.4	0.81 No	0.04	Thermal Discharging
TWL071	740	'5779962_/5779959'	0.3	1	3.33	0.47	0.5	1.18	0.81 No	0.3	Primary Over-Voltage
TWL071	741	'9550706_/9550704'	0.9	2.9	10	1.4	0.9	4.02	2.43 No	0.9	Primary Over-Voltage
TWL071	742	'5780328_/5780338_1'	0.43	0.97	3.33	0.04	0.3	1.4	0.81 No	0.04	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TWL071	743	'5784080_/_5784078_1'	0.43	0.97	3.33	0.47	0.5	1.36	0.81 No	0.3	Element Fault
TWL071	744	'43781546_/_5794692'	0.3	0.97	3.33	0.47	0.5	1.18	0.81 No	0.3	Primary Over-Voltage
TWL071	745	'5772629_/_5772626_2'	0.87	1.93	6.67	0.93	1	2.7	1.62 No	0.87	Primary Over-Voltage
TWL071	746	'43781340_/_5770612'	0.43	0.97	3.33	0.04	0.2	1.38	0.81 No	0.04	Thermal Discharging
TWL071	747	'43783067_/_43783069'	0.43	0.97	3.33	0.04	1.1	1.38	0.81 No	0.04	Thermal Discharging
TWL071	748	'5779975_/_5779972'	0.3	0.97	3.33	0.47	0.5	1.17	0.81 No	0.3	Primary Over-Voltage
TWL071	749	'5770359_/_5770356'	0.3	0.97	3.33	0.47	0.5	1.17	0.81 No	0.3	Primary Over-Voltage
TWL071	750	'5770641_/_5770651'	0.33	0.97	3.33	0.04	0.3	1.38	0.81 No	0.04	Thermal Discharging
TWL071	751	'56814701_/_56814708'	0.3	0.97	3.33	0.47	1.4	1.17	0.81 No	0.3	Primary Over-Voltage
TWL071	752	'5773133_/_5773143'	0.43	0.97	3.33	0.47	0.5	1.34	0.81 No	0.43	Primary Over-Voltage
TWL071	753	'4729679_/_4729676'	0.43	0.97	3.33	0.47	0.3	1.33	0.81 No	0.3	Element Fault
TWL071	754	'5770468_/_5770492'	0.43	0.97	3.33	0.04	0.3	1.37	0.81 No	0.04	Thermal Discharging
TWL071	755	'45274829_/_5780338_2'	0.43	0.97	3.33	0.04	0.3	1.37	0.81 No	0.04	Thermal Discharging
TWL071	756	'4729598_/_4729608'	0.43	0.97	3.33	0.47	0.3	1.33	0.81 No	0.3	Element Fault
TWL071	757	'5794708_/_5794705'	0.3	0.97	3.33	0.47	0.5	1.16	0.81 No	0.3	Primary Over-Voltage
TWL071	758	'5772507_/_5772521'	0.9	2.9	10	1.4	1.5	4.14	2.43 No	0.9	Primary Over-Voltage
TWL071	759	'5780202_/_43783104'	0.43	0.93	3.33	0.04	1.1	1.36	0.81 No	0.04	Thermal Discharging
TWL071	760	'43783000_/_43782997'	0.3	0.93	3.33	0.47	0.5	1.16	0.81 No	0.3	Primary Over-Voltage
TWL071	761	'8365550_/_9621997'	0.5	0.93	3.33	0.47	0.3	1.33	0.81 No	0.3	Element Fault
TWL071	762	'43781568_/_5770385'	0.3	0.93	3.33	0.47	0.5	1.15	0.81 No	0.3	Primary Over-Voltage
TWL071	763	'8052689_/_8052687_1'	0.5	0.93	3.33	0.47	0.3	1.33	0.81 No	0.3	Element Fault
TWL071	764	'5772644_/_5772641'	0.8	1.87	6.67	0.93	1	2.63	1.62 No	0.8	Primary Over-Voltage
TWL071	765	'5770469_/_5770466'	0.4	0.93	3.33	0.04	0.3	1.35	0.81 No	0.04	Thermal Discharging
TWL071	766	'43781351_/_43781353'	0.4	0.93	3.33	0.04	0.3	1.35	0.81 No	0.04	Thermal Discharging
TWL071	767	'43568336_/_7085064'	0.43	0.93	3.33	0.47	0.3	1.31	0.81 No	0.3	Element Fault
TWL071	768	'4729756_/_4732339'	0.4	0.93	3.33	0.47	0.3	1.31	0.81 No	0.3	Element Fault
TWL071	769	'5770602_/_5771010'	0.4	0.93	3.33	0.04	0.2	1.34	0.81 No	0.04	Thermal Discharging
TWL071	770	'56815146_/_56815153'	0.3	0.93	3.33	0.47	1.4	1.14	0.81 No	0.3	Primary Over-Voltage
TWL071	771	'5773120_/_5773130'	0.43	0.93	3.33	0.47	0.5	1.31	0.81 No	0.43	Primary Over-Voltage
TWL071	772	'5779633_/_5782417'	0.4	0.93	3.33	0.04	1.1	1.34	0.81 No	0.04	Thermal Discharging
TWL071	773	'5773159_/_5773156'	0.4	0.93	3.33	0.47	0.5	1.31	0.81 No	0.4	Primary Over-Voltage
TWL071	774	'5770640_/_5770638'	0.33	0.93	3.33	0.04	0.3	1.34	0.81 No	0.04	Thermal Discharging
TWL071	775	'5794653_/_5794718'	0.3	0.93	3.33	0.47	0.5	1.13	0.81 No	0.3	Primary Over-Voltage
TWL071	776	'4729597_/_4729595'	0.4	0.93	3.33	0.47	0.3	1.29	0.81 No	0.3	Element Fault
TWL071	777	'43781817_/_5772504'	0.9	2.8	10	1.4	1.5	4.02	2.43 No	0.9	Primary Over-Voltage
TWL071	778	'4729692_/_4729702'	0.4	0.9	3.33	0.47	0.3	1.29	0.81 No	0.3	Element Fault
TWL071	779	'5780215_/_5780212'	0.4	0.9	3.33	0.04	1.1	1.32	0.81 No	0.04	Thermal Discharging
TWL071	780	'43781573_/_43781570'	0.27	0.9	3.33	0.47	0.5	1.12	0.81 No	0.27	Primary Over-Voltage
TWL071	781	'57519920_/_57519892'	0.27	0.9	3.33	0.47	0.5	1.12	0.81 No	0.27	Primary Over-Voltage
TWL071	782	'5770193_/_5779630_2'	0.4	0.9	3.33	0.04	1.1	1.31	0.81 No	0.04	Thermal Discharging
TWL071	783	'5780243_/_5784180'	0.4	0.9	3.33	0.04	0.3	1.31	0.81 No	0.04	Thermal Discharging
TWL071	784	'43568314_/_4729754'	0.4	0.9	3.33	0.47	0.3	1.27	0.81 No	0.3	Element Fault
TWL071	785	'5770589_/_5770599'	0.4	0.9	3.33	0.04	0.2	1.3	0.81 No	0.04	Thermal Discharging
TWL071	786	'43781397_/_5779630_1'	0.4	0.9	3.33	0.04	0.3	1.31	0.81 No	0.04	Thermal Discharging
TWL071	787	'43782107_/_5773901'	0.4	0.9	3.33	0.47	0.5	1.27	0.81 No	0.4	Primary Over-Voltage
TWL071	788	'57519924_/_57519868'	0.27	0.9	3.33	0.47	0.5	1.11	0.81 No	0.27	Primary Over-Voltage
TWL071	789	'43782118_/_5772656'	0.8	1.8	6.67	0.93	1	2.53	1.62 No	0.8	Primary Over-Voltage
TWL071	790	'4729783_/_43568338'	0.43	0.9	3.33	0.47	0.3	1.26	0.81 No	0.3	Element Fault
TWL071	791	'5772659_/_5772671_1'	0.8	1.8	6.67	0.93	1	2.52	1.62 No	0.8	Primary Over-Voltage
TWL071	792	'56815177_/_56815184'	0.27	0.9	3.33	0.47	1.4	1.11	0.81 No	0.27	Primary Over-Voltage
TWL071	793	'43782096_/_5773117'	0.43	0.9	3.33	0.47	0.5	1.26	0.81 No	0.43	Primary Over-Voltage
TWL071	794	'43781816_/_5772481'	0.8	2.6	10	1.4	1.5	3.9	2.43 No	0.8	Primary Over-Voltage
TWL071	795	'57519837_/_57519840'	0.27	0.87	3.33	0.47	0.5	1.1	0.81 No	0.27	Primary Over-Voltage
TWL071	796	'4729691_/_4729689'	0.37	0.87	3.33	0.47	0.3	1.25	0.81 No	0.3	Element Fault
TWL071	797	'5780244_/_5780241'	0.4	0.87	3.33	0.04	0.3	1.27	0.81 No	0.04	Thermal Discharging
TWL071	798	'5770426_/_5779643'	0.4	0.87	3.33	0.04	0.9	1.28	0.81 No	0.04	Thermal Discharging
TWL071	799	'43781329_/_5770586'	0.4	0.87	3.33	0.04	0.2	1.27	0.81 No	0.04	Thermal Discharging
TWL071	800	'5773172_/_5773169'	0.4	0.87	3.33	0.47	0.5	1.24	0.81 No	0.4	Primary Over-Voltage
TWL071	801	'43568292_/_43568294'	0.37	0.87	3.33	0.47	0.3	1.23	0.81 No	0.3	Element Fault
TWL071	802	'57519932_/_57519812'	0.27	0.87	3.33	0.47	0.5	1.08	0.81 No	0.27	Primary Over-Voltage
TWL071	803	'5772674_/_5772671_2'	0.73	1.73	6.67	0.93	1	2.46	1.62 No	0.73	Primary Over-Voltage
TWL071	804	'43568319_/_43568316'	0.37	0.87	3.33	0.47	0.3	1.23	0.81 No	0.3	Element Fault
TWL071	805	'4729864_/_4729861'	0.43	0.87	3.33	0.47	0.3	1.23	0.81 No	0.3	Element Fault
TWL071	806	'5770192_/_5770190'	0.37	0.87	3.33	0.04	0.3	1.26	0.81 No	0.04	Thermal Discharging
TWL071	807	'4729799_/_4729796'	0.43	0.87	3.33	0.47	0.3	1.23	0.81 No	0.3	Element Fault
TWL071	808	'5773920_/_5774150'	0.43	0.87	3.33	0.47	0.5	1.23	0.81 No	0.43	Primary Over-Voltage
TWL071	809	'5773185_/_5773182'	0.4	0.87	3.33	0.47	0.5	1.23	0.81 No	0.4	Primary Over-Voltage
TWL071	810	'5780257_/_5780254'	0.37	0.87	3.33	0.04	0.3	1.25	0.81 No	0.04	Thermal Discharging
TWL071	811	'63327996_/_63328003'	0.27	0.87	3.33	0.47	1.4	1.08	0.81 No	0.27	Primary Over-Voltage
TWL071	812	'65377673_/_57519788'	0.27	0.83	3.33	0.47	0.5	1.07	0.81 No	0.27	Primary Over-Voltage
TWL071	813	'64577938_/_64577646_1'	0.27	0.83	3.33	0.47	0.5	1.07	0.81 No	0.27	Primary Over-Voltage
TWL071	814	'43784918_/_5794440'	0.37	0.83	3.33	0.04	0.3	1.24	0.81 No	0.04	Thermal Discharging
TWL071	815	'5770563_/_5770573'	0.37	0.83	3.33	0.04	0.2	1.23	0.81 No	0.04	Thermal Discharging
TWL071	816	'4729718_/_4729715'	0.37	0.83	3.33	0.47	0.3	1.2	0.81 No	0.3	Element Fault
TWL071	817	'336318188_/_43781388'	0.37	0.83	3.33	0.04	0.3	1.23	0.81 No	0.04	Thermal Discharging
TWL071	818	'5772689_/_5772686'	0.73	1.67	6.67	0.93	1	2.4	1.62 No	0.73	Primary Over-Voltage
TWL071	819	'5770427_/_5770424'	0.37	0.83	3.33	0.04	0.9	1.23	0.81 No	0.04	Thermal Discharging
TWL071	820	'5779910_/_5779907'	0.37	0.83	3.33	0.04	0.3	1.22	0.81 No	0.04	Thermal Discharging
TWL071	821	'43568391_/_4729822'	0.43	0.83	3.33	0.47	0.3	1.19	0.81 No	0.3	Element Fault
TWL071	822	'4730007_/_4730017'	0.43	0.83	3.33	0.47	0.3	1.19	0.81 No	0.3	Element Fault
TWL071	823	'5770562_/_43781320'	0.37	0.83	3.33	0.04	0.2	1.21	0.81 No	0.04	Thermal Discharging
TWL071	824	'5770400_/_5794427'	0.37	0.8	3.33	0.04	0.3	1.2	0.81 No	0.04	Thermal Discharging
TWL071	825	'43782085_/_43782087'	0.43	0.8	3.33	0.47	0.5	1.18	0.81 No	0.43	Primary Over-Voltage
TWL071	826	'43568303_/_4729741'	0.37	0.8	3.33	0.47	0.3	1.17	0.81 No	0.3	Element Fault
TWL071	827	'5772704_/_5772701'	0.73	1.6	6.67	0.93	1	2.34	1.62 No	0.73	Primary Over-Voltage
TWL071	828	'4730033_/_4730030'	0.43	0.8	3.33	0.47	0.3	1.17	0.81 No	0.3	Element Fault
TWL071	829	'5779991_/_5779988'	0.37	0.8	3.33	0.04	0.3	1.19	0.81 No	0.04	Thermal Discharging
TWL071	830	'4729812_/_4729809'	0.43	0.8	3.33	0.47	0.3	1.16	0.81 No	0.3	Element Fault
TWL071	831	'4729994_/_4730004'	0.43	0.8	3.33	0.47	0.3	1.16	0.81 No	0.3	Element Fault
TWL071	832	'5797437_/_5797434'	0.37	0.8	3.33	0.04	0.9	1.19	0.81 No	0.04	Thermal Discharging
TWL071	833	'4747646_/_4747643'	0.43	0.8	3.33	0.47	0.3	1.15	0.81 No	0.3	Element Fault
TWL071	834	'5770401_/_5770398'	0.37	0.8	3.33	0.04	0.3	1.18	0.81 No	0.04	Thermal Discharging
TWL071	835	'65197872_/_5797447_1'	0.37	0.8	3.33	0.04	0.3	1.18	0.81 No	0.04	Thermal Discharging
TWL071	836	'4729744_/_43568305'	0.33	0.8	3.33	0.47	0.3	1.14	0.81 No	0.3	Element Fault

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TWL071	837	'5773094_/5773104'	0.43	0.8	3.33	0.47	0.5	1.14	0.81 No	0.43	Primary Over-Voltage
TWL071	838	'43784666_/5792514'	0.67	1.53	6.67	0.93	1	2.28	1.62 No	0.67	Primary Over-Voltage
TWL071	839	'43781579_/5770411'	0.33	0.77	3.33	0.04	0.3	1.16	0.81 No	0.04	Thermal Discharging
TWL071	840	'43783091_/5780001'	0.33	0.77	3.33	0.04	0.3	1.16	0.81 No	0.04	Thermal Discharging
TWL071	841	'4729838_/4729835'	0.4	0.77	3.33	0.47	0.3	1.13	0.81 No	0.3	Element Fault
TWL071	842	'43568369_/4729991'	0.43	0.77	3.33	0.47	0.3	1.12	0.81 No	0.3	Element Fault
TWL071	843	'5773081_/5773091'	0.4	0.77	3.33	0.47	0.5	1.11	0.81 No	0.4	Primary Over-Voltage
TWL071	844	'4729851_/4729848'	0.4	0.77	3.33	0.47	0.3	1.11	0.81 No	0.3	Element Fault
TWL071	845	'43782174_/43784668'	0.67	1.53	6.67	0.93	1	2.22	1.62 No	0.67	Primary Over-Voltage
TWL071	846	'106242318_/43782176_1'	0.67	1.53	6.67	0.93	1	2.22	1.62 No	0.67	Primary Over-Voltage
TWL071	847	'106242468_/106242299_2'	0.67	1.53	6.67	0.93	1	2.21	1.62 No	0.67	Primary Over-Voltage
TWL071	848	'5780017_/43783093'	0.33	0.77	3.33	0.04	0.3	1.13	0.81 No	0.04	Thermal Discharging
TWL071	849	'43781584_/43781581'	0.33	0.77	3.33	0.04	0.3	1.13	0.81 No	0.04	Thermal Discharging
TWL071	850	'43785060_/5797447_2'	0.33	0.77	3.33	0.04	0.3	1.13	0.81 No	0.04	Thermal Discharging
TWL071	851	'4729955_/4729978'	0.4	0.73	3.33	0.47	0.3	1.1	0.81 No	0.3	Element Fault
TWL071	852	'5773065_/5773078'	0.4	0.73	3.33	0.47	0.5	1.1	0.81 No	0.4	Primary Over-Voltage
TWL071	853	'106242302_/106242299_1'	0.67	1.47	6.67	0.93	0.3	2.2	1.62 No	0.3	Element Fault
TWL071	854	'5780030_/5780027'	0.33	0.73	3.33	0.04	0.3	1.1	0.81 No	0.04	Thermal Discharging
TWL071	855	'5772718_/43782176_2'	0.67	1.47	6.67	0.93	1	2.16	1.62 No	0.67	Primary Over-Voltage
TWL071	856	'5780043_/5780040'	0.33	0.73	3.33	0.04	0.3	1.1	0.81 No	0.04	Thermal Discharging
TWL071	857	'43782074_/5773062'	0.4	0.73	3.33	0.47	0.5	1.07	0.81 No	0.4	Primary Over-Voltage
TWL071	858	'43568380_/4729952'	0.4	0.73	3.33	0.47	0.3	1.07	0.81 No	0.3	Element Fault
TWL071	859	'5780056_/5780053'	0.33	0.73	3.33	0.04	0.3	1.08	0.81 No	0.04	Thermal Discharging
TWL071	860	'5780069_/5780066'	0.3	0.7	3.33	0.04	0.3	1.07	0.81 No	0.04	Thermal Discharging
TWL071	861	'5772719_/5772716'	0.6	1.4	6.67	0.93	1	2.1	1.62 No	0.6	Primary Over-Voltage
TWL071	862	'5770442_/43785062'	0.3	0.7	3.33	0.04	0.3	1.08	0.81 No	0.04	Thermal Discharging
TWL071	863	'4729928_/4729965'	0.37	0.7	3.33	0.47	0.3	1.05	0.81 No	0.3	Element Fault
TWL071	864	'5773932_/5773930'	0.37	0.7	3.33	0.47	0.5	1.04	0.81 No	0.37	Primary Over-Voltage
TWL071	865	'43783056_/5780079'	0.3	0.7	3.33	0.04	0.3	1.06	0.81 No	0.04	Thermal Discharging
TWL071	866	'4729929_/4729926'	0.37	0.7	3.33	0.47	0.3	1.04	0.81 No	0.3	Element Fault
TWL071	867	'5772748_/5772731'	0.6	1.4	6.67	0.93	1	2.07	1.62 No	0.6	Primary Over-Voltage
TWL071	868	'5780094_/43783058'	0.3	0.7	3.33	0.04	0.3	1.05	0.81 No	0.04	Thermal Discharging
TWL071	869	'5773828_/5773826'	0.3	0.7	3.33	0.47	0.5	1.03	0.81 No	0.3	Primary Over-Voltage
TWL071	870	'4729903_/4729913'	0.37	0.7	3.33	0.47	0.3	1.03	0.81 No	0.3	Element Fault
TWL071	871	'5780095_/5780092'	0.3	0.67	3.33	0.04	0.3	1.04	0.81 No	0.04	Thermal Discharging
TWL071	872	'5772749_/5772746'	0.6	1.33	6.67	0.93	1	2.03	1.62 No	0.6	Primary Over-Voltage
TWL071	873	'5770443_/5770440'	0.3	0.67	3.33	0.04	0.3	1.04	0.81 No	0.04	Thermal Discharging
TWL071	874	'5773842_/43782300'	0.3	0.67	3.33	0.47	0.5	1	0.81 No	0.3	Primary Over-Voltage
TWL071	875	'4729890_/4729900'	0.37	0.67	3.33	0.47	0.3	1	0.81 No	0.3	Element Fault
TWL071	876	'5780108_/5780105'	0.3	0.67	3.33	0.04	0.3	1.01	0.81 No	0.04	Thermal Discharging
TWL071	877	'5772764_/5772761'	0.6	1.33	6.67	0.93	1	1.99	1.62 No	0.6	Primary Over-Voltage
TWL071	878	'5770456_/5770453'	0.3	0.67	3.33	0.04	0.3	1.01	0.81 No	0.04	Thermal Discharging
TWL071	879	'5780121_/5780118'	0.3	0.63	3.33	0.04	0.3	0.99	0.81 No	0.04	Thermal Discharging
TWL071	880	'4729876_/4729887'	0.33	0.63	3.33	0.47	0.3	0.98	0.81 No	0.3	Element Fault
TWL071	881	'4729877_/4729874'	0.33	0.63	3.33	0.47	0.3	0.95	0.81 No	0.3	Element Fault
TWL072	0	'TWL072_/458838848'	10	10	10	10	2.89	0.9	0.93 No	0.9	Breaker Reach
TWL072	1	'464540071_/458838848'	10	10	10	10	2.89	0.82	0.93 No	0.82	Breaker Reach
TWL072	2	'464540083_/458839291_2'	10	10	10	10	2.89	0.89	0.93 No	0.89	Breaker Reach
TWL072	3	'5791907_/458839291_3'	10	10	10	10	2.89	0.89	0.93 No	0.89	Breaker Reach
TWL072	4	'5791924_/5791922'	10	10	10	10	2.89	0.8	0.93 No	0.8	Breaker Reach
TWL072	5	'458986435_/5791905'	10	10	10	10	2.89	0.88	0.93 No	0.88	Breaker Reach
TWL072	6	'5791891_/5791990'	10	10	10	10	2.89	0.8	0.93 No	0.8	Breaker Reach
TWL072	7	'53028073_/5791888'	10	10	10	10	2.89	0.87	0.93 No	0.87	Breaker Reach
TWL072	8	'53028077_/5791871'	10	10	10	10	2.89	0.87	0.93 No	0.87	Breaker Reach
TWL072	9	'53028086_/53028083'	10	10	10	10	2.89	0.79	0.93 No	0.79	Breaker Reach
TWL072	10	'5791840_/5791854'	10	10	10	10	2.89	0.78	0.93 No	0.78	Breaker Reach
TWL072	11	'460029507_/53028232'	10	10	10	10	2.89	0.85	0.93 No	0.85	Breaker Reach
TWL072	12	'5791718_/5791837'	10	10	10	10	2.89	0.77	0.93 No	0.77	Breaker Reach
TWL072	13	'5791717_/5791715'	10	10	10	10	2.89	0.85	0.93 No	0.85	Breaker Reach
TWL072	14	'5791698_/5791939'	10	10	10	10	2.89	0.84	0.93 No	0.84	Breaker Reach
TWL072	15	'5791681_/5791695'	10	10	10	10	2.89	0.83	0.93 No	0.83	Breaker Reach
TWL072	16	'5791664_/5791678'	10	10	10	10	2.89	0.76	0.93 No	0.76	Breaker Reach
TWL072	17	'5791647_/5791661'	10	10	10	10	2.89	0.82	0.93 No	0.82	Breaker Reach
TWL072	18	'5791630_/5791644'	10	10	10	10	2.89	0.82	0.93 No	0.82	Breaker Reach
TWL072	19	'5791613_/5791627'	10	10	10	10	2.89	0.75	0.93 No	0.75	Breaker Reach
TWL072	20	'5791596_/5791610'	10	10	10	10	2.89	0.8	0.93 No	0.8	Breaker Reach
TWL072	21	'5791579_/5791593'	10	10	10	10	2.89	0.73	0.93 No	0.73	Breaker Reach
TWL072	22	'5791562_/5791576'	10	10	10	10	2.89	0.8	0.93 No	0.8	Breaker Reach
TWL072	23	'5791545_/5791559'	10	10	10	10	2.89	0.79	0.93 No	0.79	Breaker Reach
TWL072	24	'5791528_/5791542'	10	10	10	10	2.89	0.72	0.93 No	0.72	Breaker Reach
TWL072	25	'5791508_/5791525'	9.6	10	10	10	2.89	0.78	0.93 No	0.78	Breaker Reach
TWL072	26	'5791507_/5791505'	9.4	10	10	10	2.89	0.77	0.93 No	0.77	Breaker Reach
TWL072	27	'5790537_/5792044'	9.1	10	10	10	2.89	0.77	0.93 No	0.77	Breaker Reach
TWL072	28	'5790520_/5790534'	8.8	10	10	10	2.89	0.76	0.93 No	0.76	Breaker Reach
TWL072	29	'5790503_/5790517'	8.6	10	10	10	2.89	0.75	0.93 No	0.75	Breaker Reach
TWL072	30	'5790486_/5790500'	8.4	10	10	10	2.89	0.74	0.93 No	0.74	Breaker Reach
TWL072	31	'5790469_/5790483'	8.2	10	10	10	2.89	0.73	0.93 No	0.73	Breaker Reach
TWL072	32	'5790452_/5790466'	8	10	10	10	2.89	0.71	0.93 No	0.71	Breaker Reach
TWL072	33	'5790435_/5790449'	7.8	10	10	10	2.89	0.7	0.93 No	0.7	Breaker Reach
TWL072	34	'5790418_/5790432'	7.7	10	10	10	2.89	0.69	0.93 No	0.69	Breaker Reach
TWL072	35	'5790401_/5790415'	7.6	10	10	10	2.89	0.68	0.93 No	0.68	Breaker Reach
TWL072	36	'474151362_/43783743'	7.6	10	10	10	2.89	0.67	0.93 No	0.67	Breaker Reach
TWL072	37	'5790937_/474151326'	7.5	10	10	10	2.89	0.66	0.93 No	0.66	Breaker Reach
TWL072	38	'5790865_/5790917'	7.5	10	10	10	2.89	10	3.76 No	2.89	Element Fault
TWL072	39	'5790400_/5790398'	7.4	10	10	10	2.89	10	3.76 No	2.89	Element Fault
TWL072	40	'5782875_/5790934'	7.3	10	10	10	2.89	10	3.76 No	2.89	Element Fault
TWL072	41	'43783885_/5790863'	7.4	10	10	10	2.89	10	3.76 No	2.89	Element Fault
TWL072	42	'5790987_/5790985'	7.1	10	10	10	2.89	10	3.76 No	2.89	Element Fault
TWL072	43	'5790883_/5790880'	7.2	10	10	10	2.89	10	3.76 No	2.89	Element Fault
TWL072	44	'5782862_/5782859_2'	2.43	3.33	3.33	1.1	0.96	3.33	1.25 No	0.96	Element Fault
TWL072	45	'5790832_/5790897'	7.2	10	10	10	2.89	10	3.76 No	2.89	Element Fault
TWL072	46	'5797725_/5797798'	6.8	10	10	10	2.89	10	3.76 No	2.89	Element Fault
TWL072	47	'5790815_/5790829'	7	10	10	10	2.89	10	3.76 No	2.89	Element Fault
TWL072	48	'5790849_/5790846'	7	10	10	10	2.89	10	3.76 No	2.89	Element Fault

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TWL072	49	'5797737_/_5797735'		6.7	10	10	10	2.89	10	3.76 No	2.89 Element Fault
TWL072	50	'5797712_/_5797722_2'		2.27	3.33	3.33	1.1	0.96	3.33	1.25 No	0.96 Element Fault
TWL072	51	'5783509_/_5790812'		6.9	10	10	10	2.89	10	3.76 No	2.89 Element Fault
TWL072	52	'302358632_/_5796763'		6.7	10	10	10	2.89	10	3.76 No	2.89 Element Fault
TWL072	53	'5782861_/_5782859_1'		2.43	3.33	3.33	0.5	0.96	3.33	1.25 No	0.5 Thermal Discharging
TWL072	54	'5775195_/_5797781'		6.4	10	10	10	2.89	10	3.76 No	2.89 Element Fault
TWL072	55	'5797699_/_5797722_1'		2.27	3.33	3.33	0.5	0.96	3.33	1.25 No	0.5 Thermal Discharging
TWL072	56	'5790798_/_5793464'		6.7	10	10	10	2.89	10	3.76 No	2.89 Element Fault
TWL072	57	'5795709_/_5795719_1'		2.13	3.33	3.33	0.5	0.96	3.33	1.25 No	0.5 Thermal Discharging
TWL072	58	'5783496_/_43783900_2'		2.3	3.33	3.33	1.1	0.96	3.33	1.25 No	0.96 Element Fault
TWL072	59	'5796750_/_5796747_1'		2.23	3.33	3.33	0.5	0.96	3.33	1.25 No	0.5 Thermal Discharging
TWL072	60	'5775176_/_5775193'		6.2	10	10	10	2.89	10	3.76 No	2.89 Element Fault
TWL072	61	'43783909_/_43783911'		6.6	10	10	10	2.89	10	3.76 No	2.89 Element Fault
TWL072	62	'5797698_/_5797696'		2.27	3.33	3.33	0.5	0.96	3.33	1.25 No	0.5 Thermal Discharging
TWL072	63	'5775159_/_5775173'		6	10	10	10	2.89	10	3.76 No	2.89 Element Fault
TWL072	64	'5790764_/_5790778'		6.4	10	10	10	2.89	10	3.76 No	2.89 Element Fault
TWL072	65	'43780225_/_43780227'		5.9	10	10	10	2.89	10	3.76 No	2.89 Element Fault
TWL072	66	'5795722_/_5795719_2'		1.97	3.33	3.33	0.5	0.96	3.33	1.25 No	0.5 Thermal Discharging
TWL072	67	'5796047_/_5796044_2'		1.97	3.33	3.33	1.2	0.96	3.33	1.25 No	0.96 Element Fault
TWL072	68	'5790747_/_5790761'		6.3	10	10	10	2.89	10	3.76 No	2.89 Element Fault
TWL072	69	'5775125_/_5775139'		5.8	10	10	10	2.89	10	3.76 No	2.89 Element Fault
TWL072	70	'43783898_/_43783900_1'		2.27	3.33	3.33	0.5	0.96	3.33	1.25 No	0.5 Thermal Discharging
TWL072	71	'5796749_/_5796747_2'		2.2	3.33	3.33	0.5	0.96	3.33	1.25 No	0.5 Thermal Discharging
TWL072	72	'43783922_/_43783924'		6.2	10	10	10	2.89	10	3.76 No	2.89 Element Fault
TWL072	73	'5775108_/_5775122'		5.7	10	10	10	2.89	10	3.76 No	2.89 Element Fault
TWL072	74	'5797757_/_5797768'		2.13	3.33	3.33	0.5	0.96	3.33	1.25 No	0.5 Thermal Discharging
TWL072	75	'5790713_/_5790727'		6.1	10	10	10	2.89	10	3.76 No	2.89 Element Fault
TWL072	76	'43780238_/_5775105'		5.6	10	10	10	2.89	10	3.76 No	2.89 Element Fault
TWL072	77	'5790696_/_5790710'		6	10	10	10	2.89	10	3.76 No	2.89 Element Fault
TWL072	78	'43783754_/_5792357'		2.03	3.33	3.33	0.5	0.96	3.33	1.25 No	0.5 Thermal Discharging
TWL072	79	'43783935_/_43783937'		5.9	10	10	10	2.89	10	3.76 No	2.89 Element Fault
TWL072	80	'5795695_/_5795732'		1.77	3.33	3.33	0.5	0.96	3.33	1.25 No	0.5 Thermal Discharging
TWL072	81	'5790662_/_5790676'		5.9	10	10	10	2.89	10	3.76 No	2.89 Element Fault
TWL072	82	'5790554_/_5790659'		5.8	10	10	10	2.89	10	3.76 No	2.89 Element Fault
TWL072	83	'5783495_/_5783493'		2.03	3.33	3.33	0.5	0.96	3.33	1.25 No	0.5 Thermal Discharging
TWL072	84	'5795881_/_5796044_1'		1.73	3.33	3.33	0.5	0.96	3.33	1.25 No	0.5 Thermal Discharging
TWL072	85	'43783695_/_5797815'		1.93	3.33	3.33	0.5	0.96	3.33	1.25 No	0.5 Thermal Discharging
TWL072	86	'5790553_/_5790551'		5.7	10	10	10	2.89	10	3.76 No	2.89 Element Fault
TWL072	87	'5790574_/_5790571'		5.8	10	10	10	2.89	10	3.76 No	2.89 Element Fault
TWL072	88	'5790591_/_5790588'		5.7	10	10	10	2.89	10	3.76 No	2.89 Element Fault
TWL072	89	'5796412_/_5796425_1'		1.87	3.33	3.33	0.5	0.96	3.33	1.25 No	0.5 Thermal Discharging
TWL072	90	'5790608_/_5790605'		5.7	10	10	10	2.89	10	3.76 No	2.89 Element Fault
TWL072	91	'346731761_/_5790622'		5.7	10	10	10	2.89	10	3.76 No	2.89 Element Fault
TWL072	92	'5783580_/_5783594_1'		5.7	10	10	1.6	2.89	10	3.76 No	1.6 Thermal Discharging
TWL072	93	'346731686_/_5783594_2'		5.7	10	10	1.6	2.89	10	3.76 No	1.6 Thermal Discharging
TWL072	94	'5796587_/_5796600_1'		1.83	3.33	3.33	0.5	0.96	3.33	1.25 No	0.5 Thermal Discharging
TWL072	95	'5795696_/_5795693'		1.57	3.33	3.33	0.5	0.96	3.33	1.25 No	0.5 Thermal Discharging
TWL072	96	'346732199_/_5790639'		5.6	10	10	10	2.89	10	3.76 No	2.89 Element Fault
TWL072	97	'5795868_/_5795878'		1.57	3.33	3.33	0.5	0.96	3.33	1.25 No	0.5 Thermal Discharging
TWL072	98	'5796428_/_5796425_2'		1.77	3.33	3.33	0.5	0.96	3.33	1.25 No	0.5 Thermal Discharging
TWL072	99	'5796114_/_5797755'		1.73	3.33	3.33	0.5	0.96	3.33	1.25 No	0.5 Thermal Discharging
TWL072	100	'5790384_/_43783662'		5.5	10	10	10	2.89	10	3.76 No	2.89 Element Fault
TWL072	101	'5782849_/_5792344'		1.73	3.33	3.33	0.5	0.96	3.33	1.25 No	0.5 Thermal Discharging
TWL072	102	'5826545_/_7102099'		5.4	10	10	10	2.89	10	3.76 No	2.89 Element Fault
TWL072	103	'43780091_/_5795745'		1.5	3.33	3.33	0.5	0.96	3.33	1.25 No	0.5 Thermal Discharging
TWL072	104	'5826546_/_5826543'		5.4	10	10	10	2.89	10	3.76 No	2.89 Element Fault
TWL072	105	'5775238_/_5775236'		1.67	3.33	3.33	0.5	0.96	3.33	1.25 No	0.5 Thermal Discharging
TWL072	106	'5826563_/_5826560'		5.3	10	10	10	2.89	10	3.76 No	2.89 Element Fault
TWL072	107	'5782637_/_5796112'		1.63	3.33	3.33	0.5	0.96	3.33	1.25 No	0.5 Thermal Discharging
TWL072	108	'43788615_/_5826577'		5.3	10	10	10	2.89	10	3.76 No	2.89 Element Fault
TWL072	109	'5796310_/_5796307'		1.4	3.33	3.33	0.5	0.96	3.33	1.25 No	0.5 Thermal Discharging
TWL072	110	'5808486_/_43788617'		5.3	10	10	10	2.89	10	3.76 No	2.89 Element Fault
TWL072	111	'5796603_/_5796600_2'		1.63	3.33	3.33	0.5	0.96	3.33	1.25 No	0.5 Thermal Discharging
TWL072	112	'344400110_/_344400108'		4.9	10	10	4.7	2.89	10	3.76 No	2.89 Element Fault
TWL072	113	'5795894_/_5795891'		1.4	3.33	3.33	0.5	0.96	3.33	1.25 No	0.5 Thermal Discharging
TWL072	114	'5826614_/_5826611'		5.3	10	10	10	2.89	10	3.76 No	2.89 Element Fault
TWL072	115	'389262102_/_344400128_2'		4.8	10	10	4.7	2.89	10	3.76 No	2.89 Element Fault
TWL072	116	'65560658_/_5808484_1'		1.77	3.33	3.33	0.5	0.96	3.33	1.25 No	0.5 Thermal Discharging
TWL072	117	'5783597_/_346731696'		4.8	10	10	1.6	2.89	10	3.76 No	1.6 Thermal Discharging
TWL072	118	'444789605_/_439699374_1'		4.8	10	10	1	2.89	10	3.76 No	1 Thermal Discharging
TWL072	119	'5805747_/_5808484_2'		1.77	3.33	3.33	0.5	0.96	3.33	1.25 No	0.5 Thermal Discharging
TWL072	120	'5808671_/_5826628'		5.2	10	10	10	2.89	10	3.76 No	2.89 Element Fault
TWL072	121	'5810537_/_5810534'		5.2	10	10	10	2.89	10	3.76 No	2.89 Element Fault
TWL072	122	'5782848_/_5782846'		1.53	3.33	3.33	0.5	0.96	3.33	1.25 No	0.5 Thermal Discharging
TWL072	123	'43780203_/_5795865'		1.33	3.33	3.33	0.5	0.96	3.33	1.25 No	0.5 Thermal Discharging
TWL072	124	'5808672_/_5808685_1'		1.73	3.33	3.33	0.5	0.96	3.33	1.25 No	0.5 Thermal Discharging
TWL072	125	'5810570_/_5810551'		5.1	10	10	10	2.89	10	3.76 No	2.89 Element Fault
TWL072	126	'5805730_/_5826685'		5.1	10	10	10	2.89	10	3.76 No	2.89 Element Fault
TWL072	127	'344400130_/_344400128_1'		5.1	10	10	10	2.89	10	3.76 No	2.89 Element Fault
TWL072	128	'5783715_/_344400194'		4.6	10	10	1.5	2.89	10	3.76 No	1.5 Thermal Discharging
TWL072	129	'5796089_/_5796099'		4.5	10	10	4.7	2.89	3.33	1.25 No	1.25 Unintentional Islanding
TWL072	130	'5826651_/_5826665'		1.47	3.33	3.33	0.5	0.96	10	3.76 No	0.5 Thermal Discharging
TWL072	131	'5805731_/_5833254_1'		5	10	10	10	2.89	3.33	1.25 No	1.25 Unintentional Islanding
TWL072	132	'5825939_/_5826648'		5	10	10	10	2.89	10	3.76 No	2.89 Element Fault
TWL072	133	'43783948_/_5796438'		1.67	3.33	3.33	0.5	0.96	3.33	1.25 No	0.5 Thermal Discharging
TWL072	134	'5825922_/_5825936'		5	10	10	10	2.89	10	3.76 No	2.89 Element Fault
TWL072	135	'43788204_/_5808500'		1.47	3.33	3.33	0.5	0.96	3.33	1.25 No	0.5 Thermal Discharging
TWL072	136	'43788388_/_43788390'		5	10	10	10	2.89	10	3.76 No	2.89 Element Fault
TWL072	137	'43784014_/_5796613'		4.9	10	10	10	2.89	3.33	1.25 No	1.25 Unintentional Islanding
TWL072	138	'5808688_/_5808685_2'		1.77	3.33	3.33	0.5	0.96	3.33	1.25 No	0.5 Thermal Discharging
TWL072	139	'5825905_/_5825919'		4.9	10	10	10	2.89	10	3.76 No	2.89 Element Fault
TWL072	140	'43783706_/_5782635'		1.47	3.33	3.33	0.5	0.96	3.33	1.25 No	0.5 Thermal Discharging
TWL072	141	'5793651_/_344400219'		1.73	3.33	3.33	0.5	0.96	10	3.76 No	0.5 Thermal Discharging
TWL072	142	'5795670_/_5795680'		4.9	10	10	10	2.89	3.33	1.25 No	1.25 Unintentional Islanding

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TWL072	143	'5805830_/_5825902'	1.43	3.33	3.33	0.5	0.96	10	3.76 No	0.5	Thermal Discharging
TWL072	144	'5825828_/_5825825'	4.4	10	10	1.5	2.89	10	3.76 No	1.5	Thermal Discharging
TWL072	145	'5793725_/_5793722_1'	4.8	10	10	10	2.89	3.33	1.25 No	1.25	Unintentional Islanding
TWL072	146	'346732146_/_344400148'	1.63	3.33	3.33	0.5	0.96	10	3.76 No	0.5	Thermal Discharging
TWL072	147	'43784295_/_5783439'	1.23	3.33	3.33	0.5	0.96	10	3.76 No	0.5	Thermal Discharging
TWL072	148	'43788303_/_5825845'	4.9	10	10	10	2.89	10	3.76 No	2.89	Element Fault
TWL072	149	'5810496_/_5810568'	4.9	10	10	10	2.89	10	3.76 No	2.89	Element Fault
TWL072	150	'5805809_/_5805806_2'	1.47	3.33	3.33	0.3	0.96	6.67	2.51 No	0.3	Thermal Discharging
TWL072	151	'5825865_/_5825862'	4.3	10	10	1.5	2.89	10	3.76 No	1.5	Thermal Discharging
TWL072	152	'5795790_/_5795904'	4.3	10	10	1.5	2.89	3.33	1.25 No	1.25	Unintentional Islanding
TWL072	153	'43783765_/_5792331'	4.8	10	10	10	2.89	3.33	1.25 No	1.25	Unintentional Islanding
TWL072	154	'43788145_/_5825879'	3.2	6.67	6.67	2.4	1.93	10	3.76 No	1.93	Element Fault
TWL072	155	'5825777_/_43788147'	4.8	10	10	10	2.89	10	3.76 No	2.89	Element Fault
TWL072	156	'5793625_/_5793722_2'	1.2	3.33	3.33	0.5	0.96	3.33	1.25 No	0.5	Thermal Discharging
TWL072	157	'5805794_/_5805806_1'	1.37	3.33	3.33	0.5	0.96	6.67	2.51 No	0.5	Thermal Discharging
TWL072	158	'5796076_/_5796086'	4.7	10	10	10	2.89	3.33	1.25 No	1.25	Unintentional Islanding
TWL072	159	'43788132_/_5825791'	1.63	3.33	3.33	0.5	0.96	10	3.76 No	0.5	Thermal Discharging
TWL072	160	'5808516_/_5808513'	4.7	10	10	10	2.89	3.33	1.25 No	1.25	Unintentional Islanding
TWL072	161	'5796454_/_43783950'	1.47	3.33	3.33	0.3	0.96	3.33	1.25 No	0.3	Thermal Discharging
TWL072	162	'5825329_/_43788134'	3.07	6.6	6.67	1	1.93	10	3.76 No	1	Thermal Discharging
TWL072	163	'5808701_/_5808698'	1.33	3.3	3.33	0.5	0.96	3.33	1.25 No	0.5	Thermal Discharging
TWL072	164	'5795842_/_5795852'	4.6	9.9	10	10	2.89	3.33	1.25 No	1.25	Unintentional Islanding
TWL072	165	'5782651_/_5782648'	1.77	3.3	3.33	0.5	0.96	3.33	1.25 No	0.5	Thermal Discharging
TWL072	166	'5825312_/_5825326'	4.6	9.8	10	10	2.89	10	3.76 No	2.89	Element Fault
TWL072	167	'43788158_/_5825343'	1.3	3.27	3.33	0.5	0.96	10	3.76 No	0.5	Thermal Discharging
TWL072	168	'5795789_/_5795787'	1.73	3.27	3.33	0.5	0.96	3.33	1.25 No	0.5	Thermal Discharging
TWL072	169	'5825295_/_5825309'	1.13	3.27	3.33	0.5	0.96	10	3.76 No	0.5	Thermal Discharging
TWL072	170	'5809781_/_5825292'	4.6	9.7	10	10	2.89	10	3.76 No	2.89	Element Fault
TWL072	171	'5796629_/_5796626'	4.6	9.7	10	10	2.89	3.33	1.25 No	1.25	Unintentional Islanding
TWL072	172	'5805926_/_5825275'	1.3	3.23	3.33	0.5	0.96	10	3.76 No	0.5	Thermal Discharging
TWL072	173	'5809716_/_5825258'	4.5	9.6	10	10	2.89	10	3.76 No	2.89	Element Fault
TWL072	174	'5795657_/_5795667'	1.13	3.2	3.33	0.5	0.96	3.33	1.25 No	0.5	Thermal Discharging
TWL072	175	'5810497_/_5810494'	4.5	9.5	10	10	2.89	10	3.76 No	2.89	Element Fault
TWL072	176	'439699355_/_439699374_2'	1.5	3.17	3.33	0.9	0.96	10	3.76 No	0.9	Thermal Discharging
TWL072	177	'5795829_/_5795839'	1.3	3.13	3.33	0.5	0.96	3.33	1.25 No	0.5	Thermal Discharging
TWL072	178	'5792308_/_5792318'	1.5	3.17	3.33	0.5	0.96	3.33	1.25 No	0.5	Thermal Discharging
TWL072	179	'5782664_/_5782661'	4.5	9.4	10	10	2.89	3.33	1.25 No	1.25	Unintentional Islanding
TWL072	180	'5836094_/_5836108'	1.63	3.1	3.33	0.5	0.96	10	3.76 No	0.5	Thermal Discharging
TWL072	181	'5809768_/_5809778_2'	4.4	9.3	10	10	2.89	3.33	1.25 No	1.25	Unintentional Islanding
TWL072	182	'5805925_/_5809464_1'	1.07	3.07	3.33	0.5	0.96	3.33	1.25 No	0.5	Thermal Discharging
TWL072	183	'5833257_/_5833254_2'	3.8	9.2	10	1	2.89	3.33	1.25 No	1	Thermal Discharging
TWL072	184	'5775226_/_5796073'	1.07	3.03	3.33	0.5	0.96	3.33	1.25 No	0.5	Thermal Discharging
TWL072	185	'43787933_/_43787935'	4.4	9.1	10	10	2.89	10	3.76 No	2.89	Element Fault
TWL072	186	'43788193_/_5808526'	1.2	3.03	3.33	0.5	0.96	3.33	1.25 No	0.5	Thermal Discharging
TWL072	187	'243771461_/_5805791'	1.2	3.03	3.33	0.5	0.96	6.67	2.51 No	0.5	Thermal Discharging
TWL072	188	'7417283_/_7417281_1'	1.5	3.03	3.33	1	0.96	3.33	1.25 No	0.96	Element Fault
TWL072	189	'5809700_/_5809697_2'	1.5	3.03	3.33	0.5	0.96	3.33	1.25 No	0.5	Thermal Discharging
TWL072	190	'5783425_/_43784297'	1.37	3	3.33	0.5	0.96	10	3.76 No	0.5	Thermal Discharging
TWL072	191	'5836127_/_5836125'	1.2	3	3.33	0.5	0.96	10	3.76 No	0.5	Thermal Discharging
TWL072	192	'5809755_/_5809778_1'	4.3	9	10	10	2.89	3.33	1.25 No	1.25	Unintentional Islanding
TWL072	193	'5825210_/_5825224'	1.43	3	3.33	0.5	0.96	10	3.76 No	0.5	Thermal Discharging
TWL072	194	'5782677_/_5782674'	1.67	3	3.33	0.5	0.96	3.33	1.25 No	0.5	Thermal Discharging
TWL072	195	'8367370_/_8367368_1'	2.73	6	6.67	1	1.93	3.33	1.25 No	1	Thermal Discharging
TWL072	196	'5796470_/_5796467'	1.47	2.97	3.33	0.9	0.96	3.33	1.25 No	0.9	Thermal Discharging
TWL072	197	'5825193_/_5825207'	3.6	8.9	10	1.5	2.89	10	3.76 No	1.5	Thermal Discharging
TWL072	198	'43780192_/_5795800'	4.3	8.9	10	10	2.89	3.33	1.25 No	1.25	Unintentional Islanding
TWL072	199	'43780214_/_43780216'	4.2	8.8	10	10	2.89	3.33	1.25 No	1.25	Unintentional Islanding
TWL072	200	'5810363_/_5810514'	1.43	2.97	3.33	0.5	0.96	10	3.76 No	0.5	Thermal Discharging
TWL072	201	'43787920_/_43787922'	1.17	2.9	3.33	0.5	0.96	10	3.76 No	0.5	Thermal Discharging
TWL072	202	'5825176_/_5825173_2'	1	2.9	3.33	0.5	0.96	10	3.76 No	0.5	Thermal Discharging
TWL072	203	'5796642_/_5796639'	1.17	2.87	3.33	0.5	0.96	3.33	1.25 No	0.5	Thermal Discharging
TWL072	204	'5809742_/_5809752'	4.2	8.6	10	10	2.89	3.33	1.25 No	1.25	Unintentional Islanding
TWL072	205	'5809687_/_5809697_1'	1	2.83	3.33	0.5	0.96	3.33	1.25 No	0.5	Thermal Discharging
TWL072	206	'5825159_/_5825173_1'	4.1	8.5	10	10	2.89	10	3.76 No	2.89	Element Fault
TWL072	207	'5826285_/_5826282'	4.1	8.5	10	10	2.89	10	3.76 No	2.89	Element Fault
TWL072	208	'43783776_/_5792305'	1.47	2.83	3.33	0.5	0.96	3.33	1.25 No	0.5	Thermal Discharging
TWL072	209	'5793689_/_43784310'	1.5	2.83	3.33	0.5	0.96	10	3.76 No	0.5	Thermal Discharging
TWL072	210	'5810364_/_5810374_1'	1.17	2.83	3.33	0.5	0.96	3.33	1.25 No	0.5	Thermal Discharging
TWL072	211	'5808542_/_43788195'	4.1	8.4	10	10	2.89	3.33	1.25 No	1.25	Unintentional Islanding
TWL072	212	'243771462_/_123036596'	1.1	2.77	3.33	0.5	0.96	3.33	1.25 No	0.5	Thermal Discharging
TWL072	213	'5809563_/_5825156'	3.4	8.3	10	1.5	2.89	10	3.76 No	1.5	Thermal Discharging
TWL072	214	'43783684_/_5775223'	1.53	2.77	3.33	0.5	0.96	3.33	1.25 No	0.5	Thermal Discharging
TWL072	215	'5809564_/_5809574_1'	4.1	8.3	10	10	2.89	3.33	1.25 No	1.25	Unintentional Islanding
TWL072	216	'43780080_/_5795654'	1.27	2.77	3.33	0.5	0.96	3.33	1.25 No	0.5	Thermal Discharging
TWL072	217	'7417284_/_7417281_2'	1.1	2.77	3.33	0.5	0.96	3.33	1.25 No	0.5	Thermal Discharging
TWL072	218	'5825141_/_5825139'	1.37	2.77	3.33	0.5	0.96	10	3.76 No	0.5	Thermal Discharging
TWL072	219	'5796655_/_5796652'	1.3	2.73	3.33	0.5	0.96	3.33	1.25 No	0.5	Thermal Discharging
TWL072	220	'5809605_/_5825448'	4	8.2	10	10	2.89	10	3.76 No	2.89	Element Fault
TWL072	221	'5793639_/_5793636'	0.97	2.73	3.33	0.5	0.96	3.33	1.25 No	0.5	Thermal Discharging
TWL072	222	'5810377_/_5810374_2'	1.1	2.7	3.33	0.5	0.96	3.33	1.25 No	0.5	Thermal Discharging
TWL072	223	'43788029_/_5825465'	4	8.1	10	10	2.89	10	3.76 No	2.89	Element Fault
TWL072	224	'5807710_/_5828455'	1.4	2.7	3.33	0.3	0.96	10	3.76 No	0.3	Thermal Discharging
TWL072	225	'65560672_/_5809619_1'	4	8	10	10	2.89	3.33	1.25 No	1.25	Unintentional Islanding
TWL072	226	'5795828_/_5795826'	4	8	10	10	2.89	3.33	1.25 No	1.25	Unintentional Islanding
TWL072	227	'5808360_/_5825431'	1.33	2.7	3.33	0.5	0.96	10	3.76 No	0.5	Thermal Discharging
TWL072	228	'5809622_/_5809619_2'	3.9	8	10	10	2.89	3.33	1.25 No	1.25	Unintentional Islanding
TWL072	229	'43788016_/_43788031'	1.33	2.63	3.33	0.5	0.96	10	3.76 No	0.5	Thermal Discharging
TWL072	230	'5809577_/_5809574_2'	3.9	7.9	10	10	2.89	3.33	1.25 No	1.25	Unintentional Islanding
TWL072	231	'5826180_/_5826194'	1.37	2.63	3.33	0.5	0.96	10	3.76 No	0.5	Thermal Discharging
TWL072	232	'5807697_/_5807694_2'	3.9	7.9	10	10	2.89	3.33	1.25 No	1.25	Unintentional Islanding
TWL072	233	'426635867_/_427458338_1'	1.33	2.6	3.33	0.9	0.96	3.33	1.25 No	0.9	Thermal Discharging
TWL072	234	'5826163_/_5826177'	1.3	2.6	3.33	0.5	0.96	10	3.76 No	0.5	Thermal Discharging
TWL072	235	'7731505_/_8367368_2'	3.8	7.8	10	10	2.89	3.33	1.25 No	1.25	Unintentional Islanding
TWL072	236	'5796483_/_5796480'	1.37	2.6	3.33	0.5	0.96	3.33	1.25 No	0.5	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TWL072	237	'5825054_/_5828435'	1.27	2.6	3.33	0.5	0.96	10	3.76 No	0.5	Thermal Discharging
TWL072	238	'5808555_/_5808552'	1.03	2.57	3.33	0.5	0.96	3.33	1.25 No	0.5	Thermal Discharging
TWL072	239	'5826146_/_5826160'	3.8	7.7	10	10	2.89	10	3.76 No	2.89	Element Fault
TWL072	240	'5782836_/_5792292'	1.03	2.57	3.33	0.5	0.96	3.33	1.25 No	0.5	Thermal Discharging
TWL072	241	'5776245_/_5825051'	3.8	7.7	10	10	2.89	10	3.76 No	2.89	Element Fault
TWL072	242	'7416578_/_9623149_1'	3.8	7.7	10	10	2.89	10	3.76 No	2.89	Element Fault
TWL072	243	'43780197_/_43780194'	1.43	2.53	3.33	0.5	0.96	3.33	1.25 No	0.5	Thermal Discharging
TWL072	244	'5775212_/_5775210'	3.8	7.6	10	1.6	2.89	3.33	1.25 No	1.25	Unintentional Islanding
TWL072	245	'5810014_/_5826143'	0.87	2.53	3.33	0.5	0.96	10	3.76 No	0.5	Thermal Discharging
TWL072	246	'5825020_/_5825034'	3.7	7.5	10	10	2.89	10	3.76 No	2.89	Element Fault
TWL072	247	'5776246_/_5776243_1'	1	2.5	3.33	0.5	0.96	3.33	1.25 No	0.5	Thermal Discharging
TWL072	248	'5801834_/_5825017'	3.8	7.5	10	10	2.89	10	3.76 No	2.89	Element Fault
TWL072	249	'43788482_/_5810390'	1.27	2.5	3.33	0.5	0.96	3.33	1.25 No	0.5	Thermal Discharging
TWL072	250	'5809796_/_5809807'	3.8	7.5	10	10	2.89	3.33	1.25 No	1.25	Unintentional Islanding
TWL072	251	'5801835_/_5801845_1'	1.27	2.47	3.33	0.5	0.96	3.33	1.25 No	0.5	Thermal Discharging
TWL072	252	'5824986_/_5825000'	3.7	7.4	10	10	2.89	10	3.76 No	2.89	Element Fault
TWL072	253	'43780079_/_5795638'	1.27	2.47	3.33	0.5	0.96	3.33	1.25 No	0.5	Thermal Discharging
TWL072	254	'5776259_/_5776243_2'	1.33	2.47	3.33	0.5	0.96	3.33	1.25 No	0.5	Thermal Discharging
TWL072	255	'5809635_/_5809632'	1.3	2.43	3.33	0.5	0.96	3.33	1.25 No	0.5	Thermal Discharging
TWL072	256	'5809729_/_5809739'	0.87	2.43	3.33	0.5	0.96	3.33	1.25 No	0.5	Thermal Discharging
TWL072	257	'5809686_/_5809684'	1.3	2.43	3.33	0.5	0.96	3.33	1.25 No	0.5	Thermal Discharging
TWL072	258	'43788064_/_5809464_2'	1.5	2.43	3.33	1	0.96	3.33	1.25 No	0.96	Element Fault
TWL072	259	'5808568_/_5808565'	3.7	7.3	10	10	2.89	3.33	1.25 No	1.25	Unintentional Islanding
TWL072	260	'5801753_/_5824983'	1.37	2.43	3.33	0.5	0.96	10	3.76 No	0.5	Thermal Discharging
TWL072	261	'5776206_/_5801845_2'	1.27	2.43	3.33	0.5	0.96	3.33	1.25 No	0.5	Thermal Discharging
TWL072	262	'5796668_/_5796665'	1	2.4	3.33	0.5	0.96	3.33	1.25 No	0.5	Thermal Discharging
TWL072	263	'61697408_/_5801780_3'	1.23	2.43	3.33	1.1	0.96	3.33	1.25 No	0.96	Element Fault
TWL072	264	'5776272_/_5776269'	1.27	2.4	3.33	0.5	0.96	3.33	1.25 No	0.5	Thermal Discharging
TWL072	265	'427280381_/_427458338_2'	1.3	2.4	3.33	0.5	0.96	3.33	1.25 No	0.5	Thermal Discharging
TWL072	266	'5824952_/_5824966'	3.7	7.2	10	10	2.89	10	3.76 No	2.89	Element Fault
TWL072	267	'43787909_/_5809587'	0.93	2.37	3.33	0.5	0.96	3.33	1.25 No	0.5	Thermal Discharging
TWL072	268	'69650957_/_5801780_2'	1.37	2.37	3.33	0.5	0.96	3.33	1.25 No	0.5	Thermal Discharging
TWL072	269	'5776284_/_5824949'	1.23	2.37	3.33	0.5	0.96	10	3.76 No	0.5	Thermal Discharging
TWL072	270	'7731506_/_7731503'	3.6	7.1	10	10	2.89	3.33	1.25 No	1.25	Unintentional Islanding
TWL072	271	'5782823_/_5782833'	1.13	2.37	3.33	0.5	0.96	3.33	1.25 No	0.5	Thermal Discharging
TWL072	272	'9721175_/_9721172'	1.13	2.37	3.33	0.5	0.96	3.33	1.25 No	0.5	Thermal Discharging
TWL072	273	'5776285_/_5801683_1'	1.2	2.37	3.33	0.5	0.96	3.33	1.25 No	0.5	Thermal Discharging
TWL072	274	'8992241_/_9623149_2'	3.5	7	10	1.6	2.89	10	3.76 No	1.6	Thermal Discharging
TWL072	275	'5805897_/_5808578'	1.23	2.33	3.33	1.6	0.96	3.33	1.25 No	0.96	Element Fault
TWL072	276	'43788401_/_43788403'	3.6	7	10	10	2.89	3.33	1.25 No	1.25	Unintentional Islanding
TWL072	277	'43783959_/_5796493'	0.93	2.33	3.33	0.5	0.96	3.33	1.25 No	0.5	Thermal Discharging
TWL072	278	'5809985_/_7102067'	1.3	2.33	3.33	0.5	0.96	3.33	1.25 No	0.5	Thermal Discharging
TWL072	279	'5782612_/_5782622'	1.2	2.33	3.33	0.3	0.96	3.33	1.25 No	0.3	Thermal Discharging
TWL072	280	'5824915_/_5824932'	0.93	2.33	3.33	0.5	0.96	10	3.76 No	0.5	Thermal Discharging
TWL072	281	'5801636_/_5824912'	3.6	6.9	10	10	2.89	10	3.76 No	2.89	Element Fault
TWL072	282	'5810013_/_5834747_2'	1.23	2.3	3.33	1.6	0.96	3.33	1.25 No	0.96	Element Fault
TWL072	283	'5801686_/_5801683_2'	1.2	2.3	3.33	0.5	0.96	3.33	1.25 No	0.5	Thermal Discharging
TWL072	284	'5776207_/_5776204'	1.27	2.3	3.33	0.5	0.96	3.33	1.25 No	0.5	Thermal Discharging
TWL072	285	'5801566_/_5801650'	3.6	6.9	10	10	2.89	10	3.76 No	2.89	Element Fault
TWL072	286	'5807696_/_5807694_1'	1.33	2.3	3.33	0.5	0.96	3.33	1.25 No	0.5	Thermal Discharging
TWL072	287	'417625366_/_5801580_2'	1.2	2.3	3.33	1.1	0.96	3.33	1.25 No	0.96	Element Fault
TWL072	288	'5810393_/_43788484'	3.5	6.9	10	10	2.89	3.33	1.25 No	1.25	Unintentional Islanding
TWL072	289	'5825071_/_5825088'	3.5	6.9	10	10	2.89	10	3.76 No	2.89	Element Fault
TWL072	290	'387894417_/_5825068_2'	3.5	6.8	10	3.7	2.89	10	3.76 No	2.89	Element Fault
TWL072	291	'5801619_/_5801616_2'	3.5	6.8	10	10	2.89	10	3.76 No	2.89	Element Fault
TWL072	292	'5808315_/_5825068_1'	1.2	2.27	3.33	0.5	0.96	10	3.76 No	0.5	Thermal Discharging
TWL072	293	'5801783_/_5801780_1'	1.23	2.27	3.33	0.5	0.96	3.33	1.25 No	0.5	Thermal Discharging
TWL072	294	'5801741_/_5808188'	1.23	2.27	3.33	0.5	0.96	3.33	1.25 No	0.5	Thermal Discharging
TWL072	295	'43787898_/_5809645'	1.3	2.23	3.33	0.5	0.96	3.33	1.25 No	0.5	Thermal Discharging
TWL072	296	'43787584_/_43787586'	3.5	6.7	10	10	2.89	10	3.76 No	2.89	Element Fault
TWL072	297	'5801822_/_5808201'	1.27	2.23	3.33	0.5	0.96	3.33	1.25 No	0.5	Thermal Discharging
TWL072	298	'43784003_/_5796678'	0.9	2.23	3.33	0.5	0.96	3.33	1.25 No	0.5	Thermal Discharging
TWL072	299	'5824844_/_5824858'	3.4	6.7	10	10	2.89	10	3.76 No	2.89	Element Fault
TWL072	300	'5805912_/_5808711_1'	0.87	2.2	3.33	0.5	0.96	3.33	1.25 No	0.5	Thermal Discharging
TWL072	301	'5801702_/_5801699'	1.2	2.2	3.33	0.5	0.96	3.33	1.25 No	0.5	Thermal Discharging
TWL072	302	'5776233_/_5808214'	1.27	2.2	3.33	0.5	0.96	3.33	1.25 No	0.5	Thermal Discharging
TWL072	303	'5801554_/_5801580_1'	1.13	2.2	3.33	0.5	0.96	3.33	1.25 No	0.5	Thermal Discharging
TWL072	304	'5808594_/_5808591'	1.23	2.2	3.33	0.3	0.96	3.33	1.25 No	0.3	Thermal Discharging
TWL072	305	'5822728_/_5822725'	1.27	2.2	3.33	0.5	0.96	3.33	1.25 No	0.5	Thermal Discharging
TWL072	306	'5824827_/_5824841'	3.4	6.6	10	10	2.89	10	3.76 No	2.89	Element Fault
TWL072	307	'43788237_/_5808711_2'	1.23	2.2	3.33	0.5	0.96	3.33	1.25 No	0.5	Thermal Discharging
TWL072	308	'5801595_/_5801616_1'	3.4	6.6	10	1.7	2.89	10	3.76 No	1.7	Thermal Discharging
TWL072	309	'5805871_/_5805881'	1.23	2.2	3.33	0.3	0.96	3.33	1.25 No	0.3	Thermal Discharging
TWL072	310	'5782810_/_5782820'	1.23	2.2	3.33	0.5	0.96	3.33	1.25 No	0.5	Thermal Discharging
TWL072	311	'43787571_/_5824824'	3.4	6.5	10	10	2.89	10	3.76 No	2.89	Element Fault
TWL072	312	'5809797_/_5809794'	0.87	2.17	3.33	0.5	0.96	3.33	1.25 No	0.5	Thermal Discharging
TWL072	313	'5782599_/_5782609'	3.4	6.5	10	10	2.89	3.33	1.25 No	1.25	Unintentional Islanding
TWL072	314	'5824793_/_5824807'	1.37	2.17	3.33	0.5	0.96	10	3.76 No	0.5	Thermal Discharging
TWL072	315	'5809590_/_43787911'	3.3	6.5	10	10	2.89	3.33	1.25 No	1.25	Unintentional Islanding
TWL072	316	'5824773_/_5824790'	1.27	2.17	3.33	0.5	0.96	10	3.76 No	0.5	Thermal Discharging
TWL072	317	'5776220_/_5776217'	1.2	2.17	3.33	0.5	0.96	3.33	1.25 No	0.5	Thermal Discharging
TWL072	318	'5801672_/_5808175'	1.33	2.13	3.33	0.5	0.96	3.33	1.25 No	0.5	Thermal Discharging
TWL072	319	'5807739_/_5807723'	3.3	6.4	10	10	2.89	3.33	1.25 No	1.25	Unintentional Islanding
TWL072	320	'5796509_/_43783961'	0.87	2.13	3.33	0.5	0.96	3.33	1.25 No	0.5	Thermal Discharging
TWL072	321	'5824772_/_5824770'	1.1	2.13	3.33	1.1	0.96	10	3.76 No	0.96	Element Fault
TWL072	322	'5801473_/_5808312_2'	1.23	2.13	3.33	1.6	0.07	3.33	1.25 No	0.07	Element Fault
TWL072	323	'43792716_/_5834747_1'	1.1	2.13	3.33	1.6	0.96	3.33	1.25 No	0.96	Element Fault
TWL072	324	'5833452_/_5833462'	1.33	2.13	3.33	0.5	0.96	3.33	1.25 No	0.5	Thermal Discharging
TWL072	325	'5807943_/_5807953'	1.1	2.1	3.33	1.1	0.05	3.33	1.25 No	0.05	Element Fault
TWL072	326	'5805913_/_43788239'	1.17	2.1	3.33	0.3	0.96	3.33	1.25 No	0.3	Thermal Discharging
TWL072	327	'43787597_/_5808312_1'	3.3	6.3	10	10	2.89	3.33	1.25 No	1.25	Unintentional Islanding
TWL072	328	'43787547_/_5825105'	1.23	2.1	3.33	0.5	0.96	10	3.76 No	0.5	Thermal Discharging
TWL072	329	'5801796_/_5801793'	3.1	6.3	10	1.6	2.89	3.33	1.25 No	1.25	Unintentional Islanding
TWL072	330	'8992242_/_8992239'	1.33	2.1	3.33	1	0.96	10	3.76 No	0.96	Element Fault

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TWL072	331	'5809480_/_43788066'		1.13	2.1	3.33	0.5	0.96	3.33	1.25 No	0.5 Thermal Discharging
TWL072	332	'43788053_/_43788055'		1.17	2.07	3.33	0.5	0.96	3.33	1.25 No	0.5 Thermal Discharging
TWL072	333	'43792546_/_43792548'		3.2	6.2	10	10	2.89	3.33	1.25 No	1.25 Unintentional Islanding
TWL072	334	'43788182_/_43788184'		1.27	2.07	3.33	0.5	0.96	3.33	1.25 No	0.5 Thermal Discharging
TWL072	335	'5824756_/_5825122'		1.23	2.07	3.33	0.5	0.96	10	3.76 No	0.5 Thermal Discharging
TWL072	336	'5801740_/_5801738'		1.17	2.07	3.33	0.5	0.96	3.33	1.25 No	0.5 Thermal Discharging
TWL072	337	'5805858_/_5805855_2'		3.2	6.2	10	10	2.89	3.33	1.25 No	1.25 Unintentional Islanding
TWL072	338	'5824755_/_5824753'		1.2	2.07	3.33	0.5	0.96	10	3.76 No	0.5 Thermal Discharging
TWL072	339	'5801715_/_5801712'		0.83	2.07	3.33	0.5	0.96	3.33	1.25 No	0.5 Thermal Discharging
TWL072	340	'5801821_/_5801819'		1.27	2.07	3.33	0.5	0.96	3.33	1.25 No	0.5 Thermal Discharging
TWL072	341	'5801541_/_5801551'		1.07	2.07	3.33	0.5	0.96	3.33	1.25 No	0.5 Thermal Discharging
TWL072	342	'5809661_/_43787900'		1.2	2.07	3.33	0.5	0.96	3.33	1.25 No	0.5 Thermal Discharging
TWL072	343	'5797260_/_5797257'		3.2	6.1	10	10	2.89	3.33	1.25 No	1.25 Unintentional Islanding
TWL072	344	'43787641_/_43787643'		0.83	2.03	3.33	0.5	0.96	3.33	1.25 No	0.5 Thermal Discharging
TWL072	345	'5824546_/_5824895'		1.27	2.03	3.33	0.5	0.96	10	3.76 No	0.5 Thermal Discharging
TWL072	346	'5782797_/_5782807'		1.07	2.03	3.33	0.3	0.96	3.33	1.25 No	0.3 Thermal Discharging
TWL072	347	'43788366_/_5809982'		1	2.03	3.33	0.5	0.96	3.33	1.25 No	0.5 Thermal Discharging
TWL072	348	'43787841_/_5822738'		1.13	2.03	3.33	0.5	0.96	3.33	1.25 No	0.5 Thermal Discharging
TWL072	349	'8996820_/_8996817'		0.8	2.03	3.33	0.5	0.96	3.33	1.25 No	0.5 Thermal Discharging
TWL072	350	'5808607_/_5808604'		3.1	6.1	10	1.7	2.89	3.33	1.25 No	1.25 Unintentional Islanding
TWL072	351	'5782586_/_5782596'		3.1	6	10	10	2.89	3.33	1.25 No	1.25 Unintentional Islanding
TWL072	352	'5801596_/_5801593'		1.2	2	3.33	1.6	0.07	10	3.76 No	0.07 Element Fault
TWL072	353	'43787199_/_43787201'		3.1	6	10	1	2.89	10	3.76 No	1 Thermal Discharging
TWL072	354	'5810001_/_5834734'		1.03	2	3.33	0.5	0.96	3.33	1.25 No	0.5 Thermal Discharging
TWL072	355	'64350928_/_57209062_1'		3.1	6	10	10	2.89	10	3.76 No	2.89 Element Fault
TWL072	356	'5833296_/_5833449'		3.1	6	10	10	2.89	3.33	1.25 No	1.25 Unintentional Islanding
TWL072	357	'5824512_/_5824526'		1.33	2	3.33	0.5	0.96	10	3.76 No	0.5 Thermal Discharging
TWL072	358	'5807755_/_5807752'		1.27	2	3.33	0.5	0.96	3.33	1.25 No	0.5 Thermal Discharging
TWL072	359	'43792869_/_5835475'		1.27	1.97	3.33	0.5	0.96	3.33	1.25 No	0.5 Thermal Discharging
TWL072	360	'5775826_/_5824509'		1.33	1.97	3.33	0.5	0.96	10	3.76 No	0.5 Thermal Discharging
TWL072	361	'5807942_/_5807940'		3.1	5.9	10	10	2.89	3.33	1.25 No	1.25 Unintentional Islanding
TWL072	362	'5805844_/_5805855_1'		1.23	1.97	3.33	0.5	0.96	3.33	1.25 No	0.5 Thermal Discharging
TWL072	363	'5796522_/_5796519'		1.1	1.97	3.33	0.3	0.96	3.33	1.25 No	0.3 Thermal Discharging
TWL072	364	'5808727_/_5808724'		0.8	1.97	3.33	0.5	0.96	3.33	1.25 No	0.5 Thermal Discharging
TWL072	365	'43792445_/_5801670'		1.2	1.97	3.33	0.5	0.96	3.33	1.25 No	0.5 Thermal Discharging
TWL072	366	'5776105_/_5824492'		1.03	1.97	3.33	0.5	0.96	10	3.76 No	0.5 Thermal Discharging
TWL072	367	'5830733_/_5830730'		3.1	5.9	10	10	2.89	3.33	1.25 No	1.25 Unintentional Islanding
TWL072	368	'43787186_/_5776103'		1.23	1.97	3.33	0.5	0.96	10	3.76 No	0.5 Thermal Discharging
TWL072	369	'43787630_/_5801806'		1.1	1.93	3.33	0.3	0.96	3.33	1.25 No	0.3 Thermal Discharging
TWL072	370	'5776106_/_5824237_1'		3	5.8	10	10	2.89	10	3.76 No	2.89 Element Fault
TWL072	371	'5824461_/_5824475'		3	5.8	10	10	2.89	10	3.76 No	2.89 Element Fault
TWL072	372	'5832859_/_5832876'		3	5.8	10	10	2.89	10	3.76 No	2.89 Element Fault
TWL072	373	'5824240_/_5824237_2'		3	5.8	10	4.7	2.89	10	3.76 No	2.89 Element Fault
TWL072	374	'69651614_/_43787155_1'		3	5.8	10	10	2.89	3.33	1.25 No	1.25 Unintentional Islanding
TWL072	375	'5801728_/_5801725'		1.03	1.93	3.33	0.5	0.96	3.33	1.25 No	0.5 Thermal Discharging
TWL072	376	'5801540_/_43787610'		0.77	1.93	3.33	0.5	0.96	3.33	1.25 No	0.5 Thermal Discharging
TWL072	377	'5824444_/_5824458'		1.2	1.93	3.33	0.5	0.96	10	3.76 No	0.5 Thermal Discharging
TWL072	378	'7731309_/_9623517_2'		1	1.93	3.33	0.5	0.96	10	3.76 No	0.5 Thermal Discharging
TWL072	379	'43787127_/_5824254'		3	5.8	10	10	2.89	10	3.76 No	2.89 Element Fault
TWL072	380	'5824427_/_5824441'		3	5.8	10	5.5	2.89	10	3.76 No	2.89 Element Fault
TWL072	381	'43783787_/_5782794'		3	5.7	10	10	2.89	3.33	1.25 No	1.25 Unintentional Islanding
TWL072	382	'5809493_/_5809490'		3	5.7	10	10	2.89	3.33	1.25 No	1.25 Unintentional Islanding
TWL072	383	'43787887_/_43787889'		1.23	1.9	3.33	1	0.96	3.33	1.25 No	0.96 Element Fault
TWL072	384	'5776232_/_5776230'		1.17	1.9	3.33	1.6	0.07	3.33	1.25 No	0.07 Element Fault
TWL072	385	'5776051_/_5824424'		3	5.7	10	10	2.89	10	3.76 No	2.89 Element Fault
TWL072	386	'5809959_/_5809969'		1.27	1.9	3.33	0.5	0.96	3.33	1.25 No	0.5 Thermal Discharging
TWL072	387	'5824274_/_43787129'		3	5.7	10	10	2.89	10	3.76 No	2.89 Element Fault
TWL072	388	'5809674_/_5809671'		1.1	1.9	3.33	0.5	0.96	3.33	1.25 No	0.5 Thermal Discharging
TWL072	389	'5801460_/_5801470'		1	1.9	3.33	0.3	0.96	3.33	1.25 No	0.3 Thermal Discharging
TWL072	390	'5796706_/_5797270'		1	1.9	3.33	1.1	0.05	3.33	1.25 No	0.05 Element Fault
TWL072	391	'8996835_/_9311370'		0.93	1.9	3.33	0.5	0.96	3.33	1.25 No	0.5 Thermal Discharging
TWL072	392	'8679501_/_9310490_1'		0.77	1.9	3.33	0.5	0.96	10	3.76 No	0.5 Thermal Discharging
TWL072	393	'43787797_/_5807665'		3	5.7	10	1.5	2.89	3.33	1.25 No	1.25 Unintentional Islanding
TWL072	394	'465105834_/_465105785_1'		1.27	1.9	3.33	0.5	0.96	10	3.76 No	0.5 Thermal Discharging
TWL072	395	'5824409_/_5824407_2'		2.9	5.7	10	1.5	2.89	10	3.76 No	1.5 Thermal Discharging
TWL072	396	'5833283_/_5833293'		0.97	1.9	3.33	0.5	0.96	3.33	1.25 No	0.5 Thermal Discharging
TWL072	397	'5824291_/_5824288'		3	5.6	10	10	2.89	10	3.76 No	2.89 Element Fault
TWL072	398	'43787665_/_5808328'		2.9	5.6	10	1.7	2.89	10	3.76 No	1.7 Thermal Discharging
TWL072	399	'57209055_/_57209062_2'		2.9	5.6	10	1	2.89	10	3.76 No	1 Thermal Discharging
TWL072	400	'43783673_/_43783675'		0.73	1.87	3.33	0.5	0.96	3.33	1.25 No	0.5 Thermal Discharging
TWL072	401	'9310493_/_9310490_2'		2.9	5.6	10	1.5	2.89	10	3.76 No	1.5 Thermal Discharging
TWL072	402	'5807683_/_43787843'		1.27	1.87	3.33	0.5	0.96	3.33	1.25 No	0.5 Thermal Discharging
TWL072	403	'43787140_/_5824305'		2.9	5.6	10	10	2.89	10	3.76 No	2.89 Element Fault
TWL072	404	'43788215_/_5808617'		1	1.87	3.33	0.5	0.96	3.33	1.25 No	0.5 Thermal Discharging
TWL072	405	'5808415_/_5808413'		1.03	1.87	3.33	0.5	0.96	3.33	1.25 No	0.5 Thermal Discharging
TWL072	406	'50721354_/_5833067'		1.03	1.87	3.33	0.3	0.96	3.33	1.25 No	0.3 Thermal Discharging
TWL072	407	'5807768_/_5807765'		1.23	1.83	3.33	0.5	0.96	3.33	1.25 No	0.5 Thermal Discharging
TWL072	408	'5835478_/_43792871'		1.27	1.83	3.33	0.5	0.96	3.33	1.25 No	0.5 Thermal Discharging
TWL072	409	'5824582_/_43787142'		2.9	5.5	10	10	2.89	10	3.76 No	2.89 Element Fault
TWL072	410	'5832842_/_5832856'		2.9	5.5	10	1.5	2.89	10	3.76 No	1.5 Thermal Discharging
TWL072	411	'5808740_/_5808737'		0.97	1.83	3.33	0.5	0.96	3.33	1.25 No	0.5 Thermal Discharging
TWL072	412	'43792751_/_5835044'		0.97	1.83	3.33	1.1	0.05	3.33	1.25 No	0.05 Element Fault
TWL072	413	'5801515_/_5801525'		0.97	1.83	3.33	0.5	0.96	3.33	1.25 No	0.5 Thermal Discharging
TWL072	414	'5833270_/_5833280'		1.03	1.83	3.33	0.3	0.96	3.33	1.25 No	0.3 Thermal Discharging
TWL072	415	'43787830_/_43787832'		1.23	1.83	3.33	0.5	0.96	3.33	1.25 No	0.5 Thermal Discharging
TWL072	416	'5775840_/_43787155_2'		1.03	1.83	3.33	0.5	0.96	3.33	1.25 No	0.5 Thermal Discharging
TWL072	417	'5809728_/_5809726'		2.9	5.5	10	1.6	2.89	3.33	1.25 No	1.25 Unintentional Islanding
TWL072	418	'8054523_/_9623517_1'		2.9	5.5	10	10	2.89	10	3.76 No	2.89 Element Fault
TWL072	419	'5824583_/_5824580'		1.27	1.83	3.33	1.1	0.96	10	3.76 No	0.96 Element Fault
TWL072	420	'5807684_/_5807681_1'		1.03	1.83	3.33	0.3	0.96	3.33	1.25 No	0.3 Thermal Discharging
TWL072	421	'5808432_/_5808442'		0.73	1.8	3.33	0.5	0.96	3.33	1.25 No	0.5 Thermal Discharging
TWL072	422	'5796534_/_5796691'		0.93	1.8	3.33	0.3	0.96	3.33	1.25 No	0.3 Thermal Discharging
TWL072	423	'5809958_/_5809956'		2.8	5.4	10	10	2.89	3.33	1.25 No	1.25 Unintentional Islanding
TWL072	424	'5824722_/_5824719'		1.1	1.8	3.33	1.6	0.07	10	3.76 No	0.07 Element Fault

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TWL072	425	'5783463_/_7102083'	0.7	1.8	3.33	0.5	0.96	3.33	1.25 No	0.5	Thermal Discharging
TWL072	426	'8996836_/_8996833'	0.87	1.8	3.33	0.5	0.96	3.33	1.25 No	0.5	Thermal Discharging
TWL072	427	'7790053_/_8054521'	2.8	5.4	10	1.6	2.89	10	3.76 No	1.6	Thermal Discharging
TWL072	428	'5824739_/_5824736'	2.8	5.4	10	10	2.89	10	3.76 No	2.8	Primary Over-Voltage
TWL072	429	'5801673_/_43792447'	1.2	1.8	3.33	0.5	0.96	3.33	1.25 No	0.5	Thermal Discharging
TWL072	430	'5782771_/_5782781'	0.93	1.77	3.33	1.1	0.05	3.33	1.25 No	0.05	Element Fault
TWL072	431	'5801446_/_5801457'	2.8	5.3	10	10	2.89	3.33	1.25 No	1.25	Unintentional Islanding
TWL072	432	'5830783_/_5830797'	2.8	5.3	10	10	2.89	10	3.76 No	2.8	Primary Over-Voltage
TWL072	433	'43787348_/_5830902'	1	1.77	3.33	0.3	0.96	10	3.76 No	0.3	Thermal Discharging
TWL072	434	'5808834_/_5808831'	0.7	1.77	3.33	0.5	0.96	3.33	1.25 No	0.5	Thermal Discharging
TWL072	435	'44780480_/_5782567'	2.8	5.3	10	4.8	2.89	3.33	1.25 No	1.25	Unintentional Islanding
TWL072	436	'5830763_/_5830760_2'	0.93	1.77	3.33	0.5	0.96	10	3.76 No	0.5	Thermal Discharging
TWL072	437	'5808066_/_5808079_1'	0.9	1.77	3.33	0.5	0.96	3.33	1.25 No	0.5	Thermal Discharging
TWL072	438	'5833308_/_43792753'	2.8	5.3	10	10	2.89	3.33	1.25 No	1.25	Unintentional Islanding
TWL072	439	'43788226_/_5808750'	0.97	1.77	3.33	0.3	0.96	3.33	1.25 No	0.3	Thermal Discharging
TWL072	440	'5830820_/_5830817'	1.23	1.73	3.33	0.5	0.96	10	3.76 No	0.5	Thermal Discharging
TWL072	441	'5808633_/_5808630'	0.97	1.73	3.33	0.5	0.96	3.33	1.25 No	0.5	Thermal Discharging
TWL072	442	'43783992_/_5796704'	0.7	1.73	3.33	0.5	0.96	3.33	1.25 No	0.5	Thermal Discharging
TWL072	443	'5807668_/_43787799'	0.9	1.73	3.33	0.3	0.96	3.33	1.25 No	0.3	Thermal Discharging
TWL072	444	'154549394_/_148816544'	2.7	5.2	10	1.5	2.89	3.33	1.25 No	1.25	Unintentional Islanding
TWL072	445	'5836582_/_5836592'	2.7	5.2	10	1.5	2.89	3.33	1.25 No	1.25	Unintentional Islanding
TWL072	446	'465105769_/_465105785_2'	0.9	1.73	3.33	0.3	0.96	10	3.76 No	0.3	Thermal Discharging
TWL072	447	'5832841_/_5832839'	2.7	5.2	10	1.5	2.89	10	3.76 No	1.5	Thermal Discharging
TWL072	448	'8054544_/_8996621'	0.9	1.73	3.33	1.1	0.05	10	3.76 No	0.05	Element Fault
TWL072	449	'5782486_/_7101999'	2.7	5.2	10	1.5	2.89	3.33	1.25 No	1.25	Unintentional Islanding
TWL072	450	'473004345_/_465105801_1'	1.17	1.73	3.33	0.5	0.96	10	3.76 No	0.5	Thermal Discharging
TWL072	451	'5801502_/_5801512'	2.7	5.2	10	10	2.89	3.33	1.25 No	1.25	Unintentional Islanding
TWL072	452	'5822689_/_5822699'	0.97	1.73	3.33	0.3	0.96	3.33	1.25 No	0.3	Thermal Discharging
TWL072	453	'5830837_/_5830834'	2.7	5.2	10	1.7	2.89	10	3.76 No	1.7	Thermal Discharging
TWL072	454	'154549412_/_148816559'	1.17	1.73	3.33	0.5	0.96	3.33	1.25 No	0.5	Thermal Discharging
TWL072	455	'5776298_/_43787665'	0.9	1.73	3.33	0.3	0.96	10	3.76 No	0.3	Thermal Discharging
TWL072	456	'5807781_/_5807778'	0.67	1.73	3.33	0.5	0.96	3.33	1.25 No	0.5	Thermal Discharging
TWL072	457	'5808082_/_5808079_2'	0.9	1.73	3.33	0.5	0.96	3.33	1.25 No	0.5	Thermal Discharging
TWL072	458	'43787514_/_43787516'	0.9	1.73	3.33	0.5	0.96	3.33	1.25 No	0.5	Thermal Discharging
TWL072	459	'43787164_/_5775850'	1.03	1.7	3.33	0.5	0.96	3.33	1.25 No	0.5	Thermal Discharging
TWL072	460	'7731253_/_9310904_2'	2.7	5.1	10	4.4	2.89	10	3.76 No	2.7	Primary Over-Voltage
TWL072	461	'43792099_/_5830851'	2.7	5.1	10	10	2.89	10	3.76 No	2.7	Primary Over-Voltage
TWL072	462	'43783798_/_43783800'	1.13	1.7	3.33	0.5	0.96	3.33	1.25 No	0.5	Thermal Discharging
TWL072	463	'5807794_/_5807791'	2.7	5.1	10	0.9	2.89	3.33	1.25 No	0.9	Thermal Discharging
TWL072	464	'8054543_/_8054541'	1.03	1.7	3.33	1.6	0.07	10	3.76 No	0.07	Element Fault
TWL072	465	'5783462_/_5783460'	0.87	1.7	3.33	0.5	0.96	3.33	1.25 No	0.5	Thermal Discharging
TWL072	466	'5833309_/_5833306'	2.7	5.1	10	10	2.89	3.33	1.25 No	1.25	Unintentional Islanding
TWL072	467	'5830871_/_43792101'	0.87	1.7	3.33	1.1	0.05	10	3.76 No	0.05	Element Fault
TWL072	468	'43787652_/_5801483'	0.67	1.7	3.33	0.5	0.96	3.33	1.25 No	0.5	Thermal Discharging
TWL072	469	'5796535_/_5796532'	0.87	1.7	3.33	0.3	0.96	3.33	1.25 No	0.3	Thermal Discharging
TWL072	470	'43788382_/_154549414'	0.87	1.67	3.33	0.3	0.96	3.33	1.25 No	0.3	Thermal Discharging
TWL072	471	'5836581_/_5836579'	1.07	1.67	3.33	1	0.96	3.33	1.25 No	0.96	Element Fault
TWL072	472	'5808766_/_5808763'	2.6	5	10	10	2.89	3.33	1.25 No	1.25	Unintentional Islanding
TWL072	473	'43788075_/_5834299'	0.93	1.67	3.33	0.3	0.96	3.33	1.25 No	0.3	Thermal Discharging
TWL072	474	'5808431_/_5808429'	0.93	1.67	3.33	0.3	0.96	3.33	1.25 No	0.3	Thermal Discharging
TWL072	475	'5830888_/_5830885'	2.6	5	10	1.5	2.89	10	3.76 No	1.5	Thermal Discharging
TWL072	476	'5830746_/_5830760_1'	2.6	5	10	10	2.89	10	3.76 No	2.6	Primary Over-Voltage
TWL072	477	'154687648_/_5834668'	2.6	5	10	1.7	2.89	10	3.76 No	1.7	Thermal Discharging
TWL072	478	'5776318_/_5776315'	2.6	5	10	1.5	2.89	10	3.76 No	1.5	Thermal Discharging
TWL072	479	'5808646_/_5808643'	0.93	1.67	3.33	0.5	0.96	3.33	1.25 No	0.5	Thermal Discharging
TWL072	480	'5808847_/_5808844'	0.93	1.67	3.33	0.3	0.96	3.33	1.25 No	0.3	Thermal Discharging
TWL072	481	'9310906_/_9310904_1'	2.6	5	10	1.5	2.89	10	3.76 No	1.5	Thermal Discharging
TWL072	482	'5794251_/_7101923'	2.6	4.9	10	10	2.89	10	3.76 No	2.6	Primary Over-Voltage
TWL072	483	'5827731_/_154687630'	0.87	1.63	3.33	1.1	0.05	10	3.76 No	0.05	Element Fault
TWL072	484	'5801421_/_5801444'	1.1	1.63	3.33	0.5	0.96	3.33	1.25 No	0.5	Thermal Discharging
TWL072	485	'5782499_/_5782496'	0.83	1.63	3.33	1.1	0.05	3.33	1.25 No	0.05	Element Fault
TWL072	486	'5807930_/_5822686'	0.93	1.63	3.33	0.3	0.96	3.33	1.25 No	0.3	Thermal Discharging
TWL072	487	'5801501_/_43787562'	0.87	1.63	3.33	0.5	0.96	3.33	1.25 No	0.5	Thermal Discharging
TWL072	488	'43787359_/_5808092'	2.6	4.9	10	10	2.89	3.33	1.25 No	1.25	Unintentional Islanding
TWL072	489	'43792112_/_43792114'	2.6	4.9	10	1.5	2.89	10	3.76 No	1.5	Thermal Discharging
TWL072	490	'5827732_/_5827729'	2.6	4.9	10	4.7	2.89	10	3.76 No	2.6	Primary Over-Voltage
TWL072	491	'5807807_/_5807804'	1.1	1.63	3.33	0.5	0.96	3.33	1.25 No	0.5	Thermal Discharging
TWL072	492	'5796707_/_43783994'	0.67	1.63	3.33	0.5	0.96	3.33	1.25 No	0.5	Thermal Discharging
TWL072	493	'43792125_/_43792127'	0.83	1.6	3.33	0.5	0.96	10	3.76 No	0.5	Thermal Discharging
TWL072	494	'5833269_/_5833267'	2.5	4.8	10	10	2.89	3.33	1.25 No	1.25	Unintentional Islanding
TWL072	495	'7790054_/_7790051'	1	1.6	3.33	1.1	0.07	10	3.76 No	0.07	Element Fault
TWL072	496	'5781928_/_5784380'	2.5	4.8	10	1.6	2.89	3.33	1.25 No	1.25	Unintentional Islanding
TWL072	497	'5818741_/_5827746'	0.83	1.6	3.33	0.5	0.96	10	3.76 No	0.5	Thermal Discharging
TWL072	498	'5833322_/_5833319'	2.5	4.8	10	4.7	2.89	3.33	1.25 No	1.25	Unintentional Islanding
TWL072	499	'124397189_/_124397200'	2.5	4.8	10	1.6	2.89	10	3.76 No	1.6	Thermal Discharging
TWL072	500	'5801486_/_43787654'	0.83	1.6	3.33	1.1	0.05	3.33	1.25 No	0.05	Element Fault
TWL072	501	'463623162_/_463623159'	2.5	4.8	10	1.7	2.89	10	3.76 No	1.7	Thermal Discharging
TWL072	502	'5782473_/_5782483'	2.5	4.8	10	1.5	2.89	3.33	1.25 No	1.25	Unintentional Islanding
TWL072	503	'5776335_/_5776332'	0.83	1.6	3.33	1.1	0.05	10	3.76 No	0.05	Element Fault
TWL072	504	'5830745_/_5830743'	0.9	1.6	3.33	0.3	0.96	10	3.76 No	0.3	Thermal Discharging
TWL072	505	'5801408_/_5801418'	1.03	1.6	3.33	0.5	0.96	3.33	1.25 No	0.5	Thermal Discharging
TWL072	506	'5775866_/_43787166'	2.5	4.8	10	10	2.89	3.33	1.25 No	1.25	Unintentional Islanding
TWL072	507	'43791054_/_5827831'	2.5	4.8	10	4.8	2.89	10	3.76 No	2.5	Primary Over-Voltage
TWL072	508	'5818742_/_5818739'	0.77	1.57	3.33	0.5	0.96	10	3.76 No	0.5	Thermal Discharging
TWL072	509	'9686593_/_9686590'	2.5	4.7	10	10	2.89	3.33	1.25 No	1.25	Unintentional Islanding
TWL072	510	'43783970_/_5796545'	0.63	1.57	3.33	0.5	0.96	3.33	1.25 No	0.5	Thermal Discharging
TWL072	511	'5808659_/_5808656'	0.9	1.57	3.33	0.5	0.96	3.33	1.25 No	0.5	Thermal Discharging
TWL072	512	'5827766_/_5827763'	1	1.57	3.33	1	0.96	10	3.76 No	0.96	Element Fault
TWL072	513	'5808779_/_5808776'	2.5	4.7	10	10	2.89	3.33	1.25 No	1.25	Unintentional Islanding
TWL072	514	'5809337_/_43788077'	0.87	1.57	3.33	0.3	0.96	3.33	1.25 No	0.3	Thermal Discharging
TWL072	515	'43791067_/_5827814'	2.5	4.7	10	1.5	2.89	10	3.76 No	1.5	Thermal Discharging
TWL072	516	'87396480_/_87701069_1'	2.4	4.7	10	1	2.89	10	3.76 No	1	Thermal Discharging
TWL072	517	'5776386_/_5776383_1'	2.5	4.7	10	10	2.89	10	3.76 No	2.5	Primary Over-Voltage
TWL072	518	'5808860_/_5808857'	0.87	1.57	3.33	0.3	0.96	3.33	1.25 No	0.3	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TWL072	519	'43791080_/5827797'	0.8	1.57	3.33	1.1	0.05	10	3.76 No	0.05	Element Fault
TWL072	520	'5775957_/5801431'	2.4	4.7	10	1.5	2.89	3.33	1.25 No	1.25	Unintentional Islanding
TWL072	521	'5782515_/5782512'	2.5	4.7	10	10	2.89	3.33	1.25 No	1.25	Unintentional Islanding
TWL072	522	'154550096_/43788379'	0.87	1.57	3.33	0.3	0.96	3.33	1.25 No	0.3	Thermal Discharging
TWL072	523	'5794250_/5794248'	0.8	1.57	3.33	0.3	0.96	10	3.76 No	0.3	Thermal Discharging
TWL072	524	'5781915_/5781925'	0.97	1.57	3.33	1.1	0.07	3.33	1.25 No	0.07	Element Fault
TWL072	525	'5827783_/5827780'	2.5	4.7	10	1.5	2.89	10	3.76 No	1.5	Thermal Discharging
TWL072	526	'5808108_/43787361'	0.8	1.57	3.33	0.5	0.96	3.33	1.25 No	0.5	Thermal Discharging
TWL072	527	'87701058_/87701069_2'	2.4	4.6	10	1	2.89	10	3.76 No	1	Thermal Discharging
TWL072	528	'114588701_/7731175_1'	2.5	4.7	10	6.1	2.89	10	3.76 No	2.5	Primary Over-Voltage
TWL072	529	'43787863_/5776383_2'	2.5	4.7	10	6.1	2.89	10	3.76 No	2.5	Primary Over-Voltage
TWL072	530	'43792491_/5807817'	1.03	1.53	3.33	0.5	0.96	3.33	1.25 No	0.5	Thermal Discharging
TWL072	531	'43787819_/43787821'	1.03	1.53	3.33	0.5	0.96	3.33	1.25 No	0.5	Thermal Discharging
TWL072	532	'43787525_/5833332'	0.8	1.53	3.33	0.5	0.96	3.33	1.25 No	0.5	Thermal Discharging
TWL072	533	'77311178_/77311175_2'	0.93	1.53	3.33	1.1	0.07	10	3.76 No	0.07	Element Fault
TWL072	534	'5782090_/5782103'	0.87	1.53	3.33	0.3	0.96	3.33	1.25 No	0.3	Thermal Discharging
TWL072	535	'5808795_/5808792'	0.97	1.53	3.33	1	0.96	3.33	1.25 No	0.96	Element Fault
TWL072	536	'37935187_/8366898'	0.8	1.5	3.33	1.1	0.05	10	3.76 No	0.05	Element Fault
TWL072	537	'404572953_/37935184'	0.6	1.5	3.33	0.5	0.96	10	3.76 No	0.5	Thermal Discharging
TWL072	538	'37935201_/37935198'	2.3	4.5	10	1	2.89	10	3.76 No	1	Thermal Discharging
TWL072	539	'37935173_/37935170'	1.03	1.5	3.33	0.5	0.96	10	3.76 No	0.5	Thermal Discharging
TWL072	540	'37935152_/37935156'	0.83	1.5	3.33	0.5	0.96	10	3.76 No	0.5	Thermal Discharging
TWL072	541	'5809350_/5809347'	2.4	4.5	10	6.1	2.89	3.33	1.25 No	1.25	Unintentional Islanding
TWL072	542	'7827837_/8367218'	0.83	1.5	3.33	0.5	0.96	10	3.76 No	0.5	Thermal Discharging
TWL072	543	'5801395_/5801405'	0.83	1.5	3.33	0.3	0.96	3.33	1.25 No	0.3	Thermal Discharging
TWL072	544	'116144298_/43783972'	0.77	1.5	3.33	0.5	0.96	3.33	1.25 No	0.5	Thermal Discharging
TWL072	545	'5808899_/5808896'	2.3	4.5	10	1.5	2.89	3.33	1.25 No	1.25	Unintentional Islanding
TWL072	546	'43787876_/43787865'	0.83	1.47	3.33	0.3	0.96	10	3.76 No	0.3	Thermal Discharging
TWL072	547	'5775879_/5775876'	0.73	1.37	3.33	1.1	0.05	3.33	1.25 No	0.05	Element Fault
TWL072	548	'7827836_/7827834'	0.9	1.47	3.33	1.1	0.07	10	3.76 No	0.07	Element Fault
TWL072	549	'44781106_/5808870'	0.97	1.47	3.33	1	0.96	3.33	1.25 No	0.96	Element Fault
TWL072	550	'5782528_/5782525'	0.77	1.47	3.33	0.5	0.96	3.33	1.25 No	0.5	Thermal Discharging
TWL072	551	'7416670_/7416667'	0.93	1.47	3.33	1	0.96	6.67	2.51 No	0.93	Primary Over-Voltage
TWL072	552	'7416669_/7730909'	0.77	1.47	3.33	0.33	0.96	10	3.76 No	0.33	Thermal Discharging
TWL072	553	'43787370_/5808118'	1	1.47	3.33	0.5	0.96	3.33	1.25 No	0.5	Thermal Discharging
TWL072	554	'5808808_/5808805'	0.9	1.47	3.33	1.1	0.07	3.33	1.25 No	0.07	Element Fault
TWL072	555	'87701112_/87701123'	2.3	4.4	10	5.9	2.89	10	3.76 No	2.3	Primary Over-Voltage
TWL072	556	'5775918_/5775928_1'	2.3	4.4	10	5.9	2.89	3.33	1.25 No	1.25	Unintentional Islanding
TWL072	557	'5781289_/5782087'	0.83	1.47	3.33	0.3	0.96	3.33	1.25 No	0.3	Thermal Discharging
TWL072	558	'5809336_/5809334'	2.3	4.4	10	5	2.89	3.33	1.25 No	1.25	Unintentional Islanding
TWL072	559	'5833348_/5833345'	2.3	4.4	10	5	2.89	3.33	1.25 No	1.25	Unintentional Islanding
TWL072	560	'5809363_/5809360'	2.3	4.4	10	5.9	2.89	3.33	1.25 No	1.25	Unintentional Islanding
TWL072	561	'5776418_/43787878'	0.97	1.43	3.33	0.5	0.96	3.33	1.25 No	0.5	Thermal Discharging
TWL072	562	'5782457_/5782470'	0.77	1.43	3.33	1.1	0.05	3.33	1.25 No	0.05	Element Fault
TWL072	563	'5807904_/5807914'	0.57	1.43	3.33	0.5	0.96	3.33	1.25 No	0.5	Thermal Discharging
TWL072	564	'5781902_/5781912'	0.8	1.43	3.33	0.5	0.96	3.33	1.25 No	0.5	Thermal Discharging
TWL072	565	'5796574_/5796571'	2.3	4.3	10	5.6	2.89	3.33	1.25 No	1.25	Unintentional Islanding
TWL072	566	'5807832_/43792493'	0.93	1.43	3.33	1	0.96	3.33	1.25 No	0.93	Primary Over-Voltage
TWL072	567	'5775944_/5775954'	1.03	1.43	3.33	0.5	0.96	3.33	1.25 No	0.5	Thermal Discharging
TWL072	568	'5808912_/5808909'	1.53	2.87	6.67	3.33	1.93	3.33	1.25 No	1.25	Unintentional Islanding
TWL072	569	'483501067_/8996401'	2.3	4.3	10	5	2.89	10	3.76 No	2.3	Primary Over-Voltage
TWL072	570	'404573039_/37935261'	0.73	1.43	3.33	1.1	0.05	10	3.76 No	0.05	Element Fault
TWL072	571	'404573040_/404573037'	0.73	1.43	3.33	1.1	0.05	10	3.76 No	0.05	Element Fault
TWL072	572	'483501071_/37935268'	0.73	1.43	3.33	0.5	0.96	10	3.76 No	0.5	Thermal Discharging
TWL072	573	'483501075_/37935289'	0.77	1.43	3.33	0.33	0.96	10	3.76 No	0.33	Thermal Discharging
TWL072	574	'5809402_/5809399'	0.8	1.4	3.33	0.3	0.96	3.33	1.25 No	0.3	Thermal Discharging
TWL072	575	'5775892_/5775889'	0.8	1.4	3.33	0.5	0.96	3.33	1.25 No	0.5	Thermal Discharging
TWL072	576	'37935229_/8679650'	0.73	1.4	3.33	0.5	0.96	10	3.76 No	0.5	Thermal Discharging
TWL072	577	'43787536_/43787538'	2.3	4.2	10	5.6	2.89	3.33	1.25 No	1.25	Unintentional Islanding
TWL072	578	'5801394_/5801392'	0.9	1.4	3.33	1	0.96	3.33	1.25 No	0.9	Primary Over-Voltage
TWL072	579	'37935243_/483500949'	0.9	1.4	3.33	1	0.96	10	3.76 No	0.9	Primary Over-Voltage
TWL072	580	'5808052_/43787372'	0.93	1.4	3.33	0.5	0.96	3.33	1.25 No	0.5	Thermal Discharging
TWL072	581	'43787698_/5776416'	0.87	1.4	3.33	1.1	0.07	3.33	1.25 No	0.07	Element Fault
TWL072	582	'37935215_/470209705'	2.2	4.2	10	5	2.89	10	3.76 No	2.2	Primary Over-Voltage
TWL072	583	'5808821_/5808818'	2.2	4.2	10	5	2.89	3.33	1.25 No	1.25	Unintentional Islanding
TWL072	584	'5808474_/5808922'	2.2	4.2	10	5	2.89	3.33	1.25 No	1.25	Unintentional Islanding
TWL072	585	'5833361_/5833358'	2.2	4.2	10	5	2.89	3.33	1.25 No	1.25	Unintentional Islanding
TWL072	586	'43788097_/5809373'	2.2	4.2	10	1.1	2.89	3.33	1.25 No	1.1	Thermal Discharging
TWL072	587	'37935068_/9310662'	0.73	1.4	3.33	1.1	0.05	10	3.76 No	0.05	Element Fault
TWL072	588	'37935047_/37935072'	0.77	1.37	3.33	0.33	0.96	10	3.76 No	0.33	Thermal Discharging
TWL072	589	'37935040_/37935044'	0.73	1.37	3.33	1.1	0.05	10	3.76 No	0.05	Element Fault
TWL072	590	'37935082_/37935079'	0.83	1.37	3.33	1.1	0.07	10	3.76 No	0.07	Element Fault
TWL072	591	'37935054_/37935051'	2.2	4.1	10	5	2.89	10	3.76 No	2.2	Primary Over-Voltage
TWL072	592	'5810458_/5810468'	0.93	1.37	3.33	0.5	0.96	3.33	1.25 No	0.5	Thermal Discharging
TWL072	593	'7416705_/7416703'	0.9	1.37	3.33	1	0.96	10	3.76 No	0.9	Primary Over-Voltage
TWL072	594	'5807888_/5807901'	0.83	1.37	3.33	1.1	0.07	3.33	1.25 No	0.07	Element Fault
TWL072	595	'43783471_/5781287'	2.2	4.1	10	5	2.89	3.33	1.25 No	1.25	Unintentional Islanding
TWL072	596	'8148122_/8680142'	0.73	1.37	3.33	0.5	0.96	10	3.76 No	0.5	Thermal Discharging
TWL072	597	'8679688_/8679686'	0.77	1.37	3.33	0.5	0.96	6.67	2.51 No	0.5	Thermal Discharging
TWL072	598	'43787212_/5776006'	0.7	1.37	3.33	1.1	0.05	3.33	1.25 No	0.05	Element Fault
TWL072	599	'5776432_/5776429'	0.77	1.37	3.33	0.3	0.96	3.33	1.25 No	0.3	Thermal Discharging
TWL072	600	'5775931_/5775941'	2.2	4.1	10	5	2.89	3.33	1.25 No	1.25	Unintentional Islanding
TWL072	601	'5782064_/5782074'	0.97	1.37	3.33	0.5	0.96	3.33	1.25 No	0.5	Thermal Discharging
TWL072	602	'5807833_/5807830'	2.2	4	10	5	2.89	3.33	1.25 No	1.25	Unintentional Islanding
TWL072	603	'43788086_/5809412'	2.2	4	10	5	2.89	3.33	1.25 No	1.25	Unintentional Islanding
TWL072	604	'5781889_/5781899'	2.2	4	10	5	2.89	3.33	1.25 No	1.25	Unintentional Islanding
TWL072	605	'5808461_/5808471'	2.2	4	10	5	2.89	3.33	1.25 No	1.25	Unintentional Islanding
TWL072	606	'5808023_/5808050'	2.2	4	10	5	2.89	3.33	1.25 No	1.25	Unintentional Islanding
TWL072	607	'5782456_/5782454'	2.2	4	10	1.2	2.89	3.33	1.25 No	1.2	Thermal Discharging
TWL072	608	'5775983_/5775993'	2.2	4	10	5	2.89	3.33	1.25 No	1.25	Unintentional Islanding
TWL072	609	'7731386_/7731383'	0.77	1.33	3.33	0.5	0.96	10	3.76 No	0.5	Thermal Discharging
TWL072	610	'8366669_/8366666_2'	1.47	2.67	6.67	0.8	1.93	10	3.76 No	0.8	Thermal Discharging
TWL072	611	'5775905_/5775902'	0.87	1.33	3.33	1	0.96	3.33	1.25 No	0.87	Primary Over-Voltage
TWL072	612	'8148121_/8148119'	0.7	1.33	3.33	0.5	0.96	10	3.76 No	0.5	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TWL072	613	'5819434_/_8366666_1'	0.87	1.33	3.33	1	0.96	10	3.76 No	0.87	Primary Over-Voltage
TWL072	614	'43790874_/_5818661'	0.8	1.33	3.33	1.1	0.07	6.67	2.51 No	0.07	Element Fault
TWL072	615	'9310684_/_470209610'	0.77	1.33	3.33	0.33	0.96	10	3.76 No	0.33	Thermal Discharging
TWL072	616	'8054158_/_9623169_2'	0.9	1.33	3.33	0.5	0.96	10	3.76 No	0.5	Thermal Discharging
TWL072	617	'5818704_/_9623169_1'	0.7	1.33	3.33	0.5	0.96	10	3.76 No	0.5	Thermal Discharging
TWL072	618	'43788171_/_5808935'	0.8	1.33	3.33	1.1	0.07	3.33	1.25 No	0.07	Element Fault
TWL072	619	'5819451_/_5819448'	0.9	1.3	3.33	0.5	0.96	10	3.76 No	0.5	Thermal Discharging
TWL072	620	'5782063_/_5782061'	2.1	3.9	10	5	2.89	3.33	1.25 No	1.25	Unintentional Islanding
TWL072	621	'5809282_/_5810455'	0.83	1.3	3.33	1	0.96	3.33	1.25 No	0.83	Primary Over-Voltage
TWL072	622	'5833374_/_5833371'	0.8	1.3	3.33	1.1	0.07	3.33	1.25 No	0.07	Element Fault
TWL072	623	'43791028_/_43791030'	2.1	3.9	10	5	2.89	10	3.76 No	2.1	Primary Over-Voltage
TWL072	624	'5809389_/_43788099'	2.1	3.9	10	1.2	2.89	3.33	1.25 No	1.2	Thermal Discharging
TWL072	625	'65560697_/_8054175_1'	2.1	3.9	10	1.7	2.89	10	3.76 No	1.7	Thermal Discharging
TWL072	626	'5781277_/_5781300'	0.7	1.3	3.33	1.1	0.05	3.33	1.25 No	0.05	Element Fault
TWL072	627	'5776445_/_5776442'	2.1	3.9	10	1.1	2.89	3.33	1.25 No	1.1	Thermal Discharging
TWL072	628	'43787808_/_43787810'	1.4	2.6	6.67	0.8	1.93	3.33	1.25 No	0.8	Thermal Discharging
TWL072	629	'43787381_/_5808021'	0.73	1.3	3.33	0.5	0.96	3.33	1.25 No	0.5	Thermal Discharging
TWL072	630	'43790781_/_5819465'	0.93	1.3	3.33	0.5	0.96	10	3.76 No	0.5	Thermal Discharging
TWL072	631	'5818721_/_5818719'	0.87	1.3	3.33	0.5	0.96	10	3.76 No	0.5	Thermal Discharging
TWL072	632	'65238927_/_8996341_2'	2.1	3.9	10	1.2	2.89	10	3.76 No	1.2	Thermal Discharging
TWL072	633	'5807846_/_5807843'	0.8	1.3	3.33	1.1	0.07	3.33	1.25 No	0.07	Element Fault
TWL072	634	'5819468_/_8679630_1'	2.1	3.9	10	1.7	2.89	10	3.76 No	1.7	Thermal Discharging
TWL072	635	'43791041_/_5818702'	0.67	1.3	3.33	1.1	0.05	10	3.76 No	0.05	Element Fault
TWL072	636	'8680104_/_8680102'	0.83	1.3	3.33	1	0.96	10	3.76 No	0.83	Primary Over-Voltage
TWL072	637	'5781876_/_5781886'	0.8	1.3	3.33	1.1	0.07	3.33	1.25 No	0.07	Element Fault
TWL072	638	'8054178_/_8054175_2'	0.77	1.3	3.33	0.33	0.96	10	3.76 No	0.33	Thermal Discharging
TWL072	639	'5776022_/_43787214'	2.1	3.8	10	1.2	2.89	3.33	1.25 No	1.2	Thermal Discharging
TWL072	640	'5809428_/_43788088'	0.67	1.27	3.33	0.5	0.96	3.33	1.25 No	0.5	Thermal Discharging
TWL072	641	'5808460_/_5808458'	0.83	1.27	3.33	1	0.96	3.33	1.25 No	0.83	Primary Over-Voltage
TWL072	642	'5819433_/_5819431'	2.1	3.8	10	1	2.89	10	3.76 No	1	Thermal Discharging
TWL072	643	'43787426_/_5801159'	0.83	1.27	3.33	1	0.96	3.33	1.25 No	0.83	Primary Over-Voltage
TWL072	644	'44781056_/_5807872'	2.1	3.8	10	1.7	2.89	3.33	1.25 No	1.25	Unintentional Islanding
TWL072	645	'7417144_/_7417141_2'	2.1	3.8	10	1.2	2.89	10	3.76 No	1.2	Thermal Discharging
TWL072	646	'5781276_/_5781274'	2.1	3.8	10	0.9	2.89	3.33	1.25 No	0.9	Thermal Discharging
TWL072	647	'43787175_/_43787177'	0.7	1.27	3.33	0.5	0.96	3.33	1.25 No	0.5	Thermal Discharging
TWL072	648	'5809298_/_5809295'	0.77	1.27	3.33	1.1	0.07	3.33	1.25 No	0.07	Element Fault
TWL072	649	'8996343_/_8996341_1'	2	3.8	10	1.2	2.89	10	3.76 No	1.2	Thermal Discharging
TWL072	650	'5782200_/_5782197'	2	3.8	10	1	2.89	3.33	1.25 No	1	Thermal Discharging
TWL072	651	'5776405_/_5776455'	2	3.8	10	1.2	2.89	3.33	1.25 No	1.2	Thermal Discharging
TWL072	652	'8679632_/_8679630_2'	2	3.8	10	1.2	2.89	10	3.76 No	1.2	Thermal Discharging
TWL072	653	'8367101_/_8996661'	0.8	1.27	3.33	1	0.96	10	3.76 No	0.8	Primary Over-Voltage
TWL072	654	'5833387_/_5833384'	2	3.8	10	1.2	2.89	3.33	1.25 No	1.2	Thermal Discharging
TWL072	655	'5809519_/_5809516'	2	3.8	10	1.7	2.89	3.33	1.25 No	1.25	Unintentional Islanding
TWL072	656	'5810432_/_5810442'	0.83	1.27	3.33	0.5	0.96	3.33	1.25 No	0.5	Thermal Discharging
TWL072	657	'5818685_/_5818682'	2	3.8	10	1.7	2.89	10	3.76 No	1.7	Thermal Discharging
TWL072	658	'5782540_/_7102015'	0.77	1.23	3.33	1.1	0.07	3.33	1.25 No	0.07	Element Fault
TWL072	659	'37935138_/_9311214'	0.67	1.23	3.33	1.1	0.05	10	3.76 No	0.05	Element Fault
TWL072	660	'37935103_/_37935135'	0.67	1.23	3.33	0.5	0.96	10	3.76 No	0.5	Thermal Discharging
TWL072	661	'37935124_/_37935128'	2	3.7	10	0.9	2.89	10	3.76 No	0.9	Thermal Discharging
TWL072	662	'37935110_/_37935107'	0.8	1.23	3.33	1	0.96	10	3.76 No	0.8	Primary Over-Voltage
TWL072	663	'37935096_/_37935100'	2	3.7	10	1.2	2.89	10	3.76 No	1.2	Thermal Discharging
TWL072	664	'5781863_/_5781873'	0.8	1.23	3.33	1	0.96	3.33	1.25 No	0.8	Primary Over-Voltage
TWL072	665	'8679612_/_8996321_2'	0.77	1.23	3.33	1.1	0.07	10	3.76 No	0.07	Element Fault
TWL072	666	'7731158_/_8367198_1'	0.77	1.23	3.33	0.33	0.96	10	3.76 No	0.33	Thermal Discharging
TWL072	667	'5815610_/_8367198_2'	2	3.7	10	1.2	2.89	10	3.76 No	1.2	Thermal Discharging
TWL072	668	'43792137_/_5830922'	0.8	1.23	3.33	1	0.96	3.33	1.25 No	0.8	Primary Over-Voltage
TWL072	669	'153797700_/_154641845'	0.63	1.23	3.33	1.1	0.05	10	3.76 No	0.05	Element Fault
TWL072	670	'5781315_/_5782048'	0.77	1.23	3.33	1.1	0.07	3.33	1.25 No	0.07	Element Fault
TWL072	671	'5809441_/_5809438'	0.87	1.23	3.33	0.5	0.96	3.33	1.25 No	0.5	Thermal Discharging
TWL072	672	'5834056_/_5834139'	0.8	1.23	3.33	1	0.96	10	3.76 No	0.8	Primary Over-Voltage
TWL072	673	'153797720_/_153797795'	2	3.7	10	5	2.89	10	3.76 No	2	Primary Over-Voltage
TWL072	674	'43787492_/_5801282'	2	3.7	10	5	2.89	3.33	1.25 No	1.25	Unintentional Islanding
TWL072	675	'43787386_/_43787383'	2	3.7	10	5	2.89	3.33	1.25 No	1.25	Unintentional Islanding
TWL072	676	'5818581_/_153797726_2'	2	3.7	10	5	2.89	6.67	2.51 No	2	Primary Over-Voltage
TWL072	677	'43790829_/_153797726_1'	2	3.7	10	5	2.89	6.67	2.51 No	2	Primary Over-Voltage
TWL072	678	'5815593_/_5815607'	2	3.7	10	5.4	2.89	10	3.76 No	2	Primary Over-Voltage
TWL072	679	'5810419_/_5810429'	0.7	1.23	3.33	0.5	0.96	3.33	1.25 No	0.5	Thermal Discharging
TWL072	680	'7416686_/_7416683_2'	2	3.7	10	1.2	2.89	10	3.76 No	1.2	Thermal Discharging
TWL072	681	'5819513_/_5819562'	0.73	1.2	3.33	1.1	0.07	10	3.76 No	0.07	Element Fault
TWL072	682	'5781982_/_5782210'	2	3.7	10	1.2	2.89	3.33	1.25 No	1.2	Thermal Discharging
TWL072	683	'5822637_/_5822634'	2	3.6	10	1.7	2.89	3.33	1.25 No	1.25	Unintentional Islanding
TWL072	684	'8054197_/_8054195_1'	0.8	1.2	3.33	1	0.96	10	3.76 No	0.8	Primary Over-Voltage
TWL072	685	'43788259_/_5809308'	2	3.6	10	5	2.89	3.33	1.25 No	1.25	Unintentional Islanding
TWL072	686	'44781032_/_5775967'	0.8	1.2	3.33	0.9	0.96	3.33	1.25 No	0.8	Primary Over-Voltage
TWL072	687	'5781850_/_5781860'	0.77	1.2	3.33	0.33	0.96	3.33	1.25 No	0.33	Thermal Discharging
TWL072	688	'43790217_/_5815624'	2	3.6	10	5	2.89	10	3.76 No	2	Primary Over-Voltage
TWL072	689	'5834055_/_5834053'	0.77	1.2	3.33	1	0.96	10	3.76 No	0.77	Primary Over-Voltage
TWL072	690	'5801178_/_43787428'	0.77	1.2	3.33	0.2	0.96	3.33	1.25 No	0.2	Thermal Discharging
TWL072	691	'5815592_/_5815590'	0.8	1.2	3.33	0.5	0.96	10	3.76 No	0.5	Thermal Discharging
TWL072	692	'5809535_/_5809532'	0.63	1.2	3.33	0.5	0.96	3.33	1.25 No	0.5	Thermal Discharging
TWL072	693	'43792694_/_43792696'	0.67	1.2	3.33	0.5	0.96	3.33	1.25 No	0.5	Thermal Discharging
TWL072	694	'8996323_/_8996321_1'	1.33	2.4	6.67	3.33	1.93	10	3.76 No	1.33	Primary Over-Voltage
TWL072	695	'5815627_/_5830974_2'	0.77	1.2	3.33	0.33	0.96	6.67	2.51 No	0.33	Thermal Discharging
TWL072	696	'9311116_/_9311114_1'	1.33	2.4	6.67	1.1	1.93	10	3.76 No	1.1	Thermal Discharging
TWL072	697	'5815373_/_5827491'	1.9	3.6	10	0.9	2.89	10	3.76 No	0.9	Thermal Discharging
TWL072	698	'483500892_/_483500866_1'	1.9	3.6	10	5.6	2.89	10	3.76 No	1.9	Primary Over-Voltage
TWL072	699	'491661484_/_491661488'	0.73	1.2	3.33	1.1	0.07	10	3.76 No	0.07	Element Fault
TWL072	700	'43783493_/_5781313'	1.9	3.6	10	1.7	2.89	3.33	1.25 No	1.25	Unintentional Islanding
TWL072	701	'5815360_/_5815357_2'	1.9	3.6	10	5.6	2.89	3.33	1.25 No	1.25	Unintentional Islanding
TWL072	702	'5809269_/_5809279'	0.63	1.2	3.33	1.1	0.05	3.33	1.25 No	0.05	Element Fault
TWL072	703	'491661466_/_491661564'	1.9	3.5	10	1	2.89	10	3.76 No	1	Thermal Discharging
TWL072	704	'5815428_/_5827508'	1.9	3.5	10	1.2	2.89	10	3.76 No	1.2	Thermal Discharging
TWL072	705	'5810406_/_5810416_2'	0.6	1.17	3.33	0.5	0.96	3.33	1.25 No	0.5	Thermal Discharging
TWL072	706	'9311117_/_9311114_2'	1.9	3.5	10	1.2	2.89	10	3.76 No	1.2	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TWL072	707	'8054198_/_8054195_2'	0.73	1.17	3.33	1.1	0.07	10	3.76 No	0.07	Element Fault
TWL072	708	'491661517_/_491661548'	0.8	1.17	3.33	0.5	0.96	10	3.76 No	0.5	Thermal Discharging
TWL072	709	'5776406_/_5776403'	1.9	3.5	10	5	2.89	3.33	1.25 No	1.25	Unintentional Islanding
TWL072	710	'7417143_/_7417141_1'	0.77	1.17	3.33	1	0.96	10	3.76 No	0.77	Primary Over-Voltage
TWL072	711	'5809217_/_5810416_1'	1.9	3.5	10	1	2.89	3.33	1.25 No	1	Thermal Discharging
TWL072	712	'8054137_/_8054135'	1.9	3.5	10	1.2	2.89	10	3.76 No	1.2	Thermal Discharging
TWL072	713	'5815388_/_5827525'	0.83	1.17	3.33	0.5	0.96	10	3.76 No	0.5	Thermal Discharging
TWL072	714	'5782541_/_5782538'	1.9	3.5	10	5	2.89	3.33	1.25 No	1.25	Unintentional Islanding
TWL072	715	'5807858_/_5830935'	0.77	1.17	3.33	1	0.96	3.33	1.25 No	0.77	Primary Over-Voltage
TWL072	716	'5818493_/_5818578'	1.9	3.5	10	3.4	2.89	6.67	2.51 No	1.9	Primary Over-Voltage
TWL072	717	'5833400_/_5833397'	0.73	1.17	3.33	1.1	0.07	3.33	1.25 No	0.07	Element Fault
TWL072	718	'7416649_/_9310622'	1.9	3.5	10	5	2.89	10	3.76 No	1.9	Primary Over-Voltage
TWL072	719	'4378768_/_5822673'	1.9	3.5	10	1.1	2.89	3.33	1.25 No	1.1	Thermal Discharging
TWL072	720	'5815414_/_5815425_1'	1.9	3.5	10	1.2	2.89	3.33	1.25 No	1.2	Thermal Discharging
TWL072	721	'5815318_/_5815315_1'	1.9	3.5	10	5	2.89	3.33	1.25 No	1.25	Unintentional Islanding
TWL072	722	'5836213_/_5836237'	0.73	1.17	3.33	1.1	0.07	10	3.76 No	0.07	Element Fault
TWL072	723	'5809454_/_5809451'	1.27	2.33	6.67	1.1	1.93	3.33	1.25 No	1.1	Thermal Discharging
TWL072	724	'5833412_/_5833410_1'	1.9	3.5	10	3.4	2.89	3.33	1.25 No	1.25	Unintentional Islanding
TWL072	725	'5781837_/_5781847'	1.9	3.5	10	5	2.89	3.33	1.25 No	1.25	Unintentional Islanding
TWL072	726	'5801298_/_43787494'	1.9	3.5	10	1.2	2.89	3.33	1.25 No	1.2	Thermal Discharging
TWL072	727	'8367100_/_8367098'	1.9	3.5	10	3.4	2.89	10	3.76 No	1.9	Primary Over-Voltage
TWL072	728	'73567523_/_5830974_1'	1.27	2.33	6.67	2.27	1.93	6.67	2.51 No	1.27	Primary Over-Voltage
TWL072	729	'5815415_/_5815425_2'	0.77	1.17	3.33	0.33	0.96	3.33	1.25 No	0.33	Thermal Discharging
TWL072	730	'5815359_/_5815357_1'	1.9	3.5	10	3.4	2.89	3.33	1.25 No	1.25	Unintentional Islanding
TWL072	731	'5836214_/_5836211_1'	0.63	1.17	3.33	0.5	0.96	3.33	1.25 No	0.5	Thermal Discharging
TWL072	732	'5833413_/_5833410_2'	0.77	1.13	3.33	0.33	0.96	3.33	1.25 No	0.33	Thermal Discharging
TWL072	733	'5819514_/_5819511'	0.73	1.13	3.33	1	0.96	10	3.76 No	0.73	Primary Over-Voltage
TWL072	734	'5781983_/_5781980'	1.9	3.4	10	1.2	2.89	3.33	1.25 No	1.2	Thermal Discharging
TWL072	735	'7416685_/_7416683_1'	0.63	1.17	3.33	1.13	0.96	10	3.76 No	0.63	Primary Over-Voltage
TWL072	736	'5820232_/_5820229'	1.9	3.4	10	3.4	2.89	3.33	1.25 No	1.25	Unintentional Islanding
TWL072	737	'5807859_/_5807856'	1.9	3.4	10	3.4	2.89	3.33	1.25 No	1.25	Unintentional Islanding
TWL072	738	'5815511_/_5836211_2'	0.73	1.13	3.33	0.2	0.96	3.33	1.25 No	0.2	Thermal Discharging
TWL072	739	'5809324_/_43788261'	0.63	1.13	3.33	0.5	0.96	3.33	1.25 No	0.5	Thermal Discharging
TWL072	740	'5801191_/_5801188'	0.6	1.13	3.33	0.5	0.96	3.33	1.25 No	0.5	Thermal Discharging
TWL072	741	'5815317_/_5815315_2'	1.8	3.4	10	1.2	2.89	3.33	1.25 No	1.2	Thermal Discharging
TWL072	742	'5781329_/_5781326'	0.63	1.13	3.33	0.5	0.96	3.33	1.25 No	0.5	Thermal Discharging
TWL072	743	'5834039_/_43792660'	0.63	1.13	3.33	0.5	0.96	10	3.76 No	0.5	Thermal Discharging
TWL072	744	'5833493_/_7101983'	0.7	1.13	3.33	1.1	0.07	3.33	1.25 No	0.07	Element Fault
TWL072	745	'5808289_/_5808286'	1.9	3.4	10	3.4	2.89	3.33	1.25 No	1.25	Unintentional Islanding
TWL072	746	'5805143_/_5805140'	1.8	3.4	10	1.7	2.89	3.33	1.25 No	1.25	Unintentional Islanding
TWL072	747	'5834707_/_5834705'	0.73	1.13	3.33	1	0.96	3.33	1.25 No	0.73	Primary Over-Voltage
TWL072	748	'5822649_/_5822660'	0.73	1.13	3.33	0.2	0.96	3.33	1.25 No	0.2	Thermal Discharging
TWL072	749	'43790206_/_5831188'	0.7	1.13	3.33	1.1	0.07	3.33	1.25 No	0.07	Element Fault
TWL072	750	'5782557_/_5782554'	1.27	2.27	6.67	1.1	1.93	3.33	1.25 No	1.1	Thermal Discharging
TWL072	751	'43787946_/_43787948'	0.77	1.13	3.33	0.33	0.96	3.33	1.25 No	0.33	Thermal Discharging
TWL072	752	'43788955_/_43788957'	0.6	1.13	3.33	0.5	0.96	3.33	1.25 No	0.5	Thermal Discharging
TWL072	753	'5833426_/_5833423'	0.6	1.13	3.33	0.5	0.96	3.33	1.25 No	0.5	Thermal Discharging
TWL072	754	'5830995_/_43792150'	0.6	1.13	3.33	1.1	0.05	6.67	2.51 No	0.05	Element Fault
TWL072	755	'43783605_/_43783607'	0.8	1.13	3.33	0.5	0.96	3.33	1.25 No	0.5	Thermal Discharging
TWL072	756	'43790183_/_43790185'	0.7	1.13	3.33	1.1	0.07	3.33	1.25 No	0.07	Element Fault
TWL072	757	'5815441_/_5815438'	0.73	1.13	3.33	0.9	0.96	3.33	1.25 No	0.73	Primary Over-Voltage
TWL072	758	'5833480_/_5833491_1'	0.6	1.1	3.33	1.1	0.05	3.33	1.25 No	0.05	Element Fault
TWL072	759	'5834598_/_5834595'	0.77	1.1	3.33	0.33	0.96	3.33	1.25 No	0.33	Thermal Discharging
TWL072	760	'5819531_/_5819528'	0.6	1.1	3.33	1.1	0.05	10	3.76 No	0.05	Element Fault
TWL072	761	'8367181_/_9311154'	0.77	1.1	3.33	0.33	0.96	10	3.76 No	0.33	Thermal Discharging
TWL072	762	'5809230_/_5809240'	0.6	1.1	3.33	0.5	0.96	3.33	1.25 No	0.5	Thermal Discharging
TWL072	763	'43790817_/_43790819'	1.8	3.3	10	1.2	2.89	6.67	2.51 No	1.2	Thermal Discharging
TWL072	764	'5781342_/_43783484'	0.77	1.1	3.33	0.33	0.96	3.33	1.25 No	0.33	Thermal Discharging
TWL072	765	'5834038_/_5834036'	0.77	1.1	3.33	0.33	0.96	10	3.76 No	0.33	Thermal Discharging
TWL072	766	'5805253_/_5805250'	0.63	1.1	3.33	0.5	0.96	3.33	1.25 No	0.5	Thermal Discharging
TWL072	767	'5809256_/_5809266'	0.7	1.1	3.33	0.2	0.96	3.33	1.25 No	0.2	Thermal Discharging
TWL072	768	'43790282_/_5815509'	0.7	1.1	3.33	1	0.96	3.33	1.25 No	0.7	Primary Over-Voltage
TWL072	769	'5801204_/_5801201'	0.7	1.1	3.33	1	0.96	3.33	1.25 No	0.7	Primary Over-Voltage
TWL072	770	'43783627_/_5781993'	1.2	2.2	6.67	1.1	1.93	3.33	1.25 No	1.1	Thermal Discharging
TWL072	771	'37935005_/_37935002'	1.8	3.3	10	1.7	2.89	10	3.76 No	1.7	Thermal Discharging
TWL072	772	'404572762_/_404572759'	1.8	3.3	10	1.2	2.89	10	3.76 No	1.2	Thermal Discharging
TWL072	773	'37934998_/_7416647'	0.57	1.1	3.33	0.5	0.96	10	3.76 No	0.5	Thermal Discharging
TWL072	774	'110923127_/_110923152'	1.8	3.3	10	1.2	2.89	3.33	1.25 No	1.2	Thermal Discharging
TWL072	775	'37935026_/_37935030'	0.77	1.1	3.33	0.33	0.96	10	3.76 No	0.33	Thermal Discharging
TWL072	776	'110923033_/_8366648'	0.6	1.1	3.33	0.5	0.96	3.33	1.25 No	0.5	Thermal Discharging
TWL072	777	'5808262_/_5808299'	1.8	3.2	10	5	2.89	3.33	1.25 No	1.25	Unintentional Islanding
TWL072	778	'5805224_/_5805237'	1.8	3.2	10	5	2.89	3.33	1.25 No	1.25	Unintentional Islanding
TWL072	779	'37935012_/_37935009'	1.8	3.2	10	5	2.89	6.67	2.51 No	1.8	Primary Over-Voltage
TWL072	780	'110923051_/_110923138'	0.7	1.07	3.33	0.2	0.96	3.33	1.25 No	0.2	Thermal Discharging
TWL072	781	'5807968_/_5822647'	1.8	3.2	10	5	2.89	3.33	1.25 No	1.25	Unintentional Islanding
TWL072	782	'5815457_/_5815454'	0.77	1.07	3.33	0.33	0.96	3.33	1.25 No	0.33	Thermal Discharging
TWL072	783	'8366633_/_8366630'	0.67	1.07	3.33	1.1	0.07	6.67	2.51 No	0.07	Element Fault
TWL072	784	'5831068_/_5831083'	1.2	2.13	6.67	3.33	1.93	6.67	2.51 No	1.2	Primary Over-Voltage
TWL072	785	'43784038_/_43784040'	1.27	2.13	6.67	1.1	1.93	3.33	1.25 No	1.1	Thermal Discharging
TWL072	786	'5809191_/_5809201'	1.2	2.13	6.67	3.33	1.93	3.33	1.25 No	1.2	Primary Over-Voltage
TWL072	787	'43787676_/_5807966'	0.6	1.07	3.33	0.5	0.96	3.33	1.25 No	0.5	Thermal Discharging
TWL072	788	'5831016_/_5831013'	0.6	1.07	3.33	0.5	0.96	3.33	1.25 No	0.5	Thermal Discharging
TWL072	789	'5820218_/_5834608'	0.6	1.07	3.33	0.5	0.96	3.33	1.25 No	0.5	Thermal Discharging
TWL072	790	'5835778_/_5835762'	0.67	1.07	3.33	0.2	0.07	3.33	1.25 No	0.07	Element Fault
TWL072	791	'43792421_/_5833507'	0.77	1.07	3.33	0.5	0.96	3.33	1.25 No	0.5	Thermal Discharging
TWL072	792	'155080459_/_155080467'	1.2	2.13	6.67	0.8	1.93	10	3.76 No	0.8	Thermal Discharging
TWL072	793	'5822326_/_5822324'	0.67	1.07	3.33	1.1	0.07	3.33	1.25 No	0.07	Element Fault
TWL072	794	'5805156_/_5805153'	0.77	1.07	3.33	1.5	0.96	3.33	1.25 No	0.77	Primary Over-Voltage
TWL072	795	'5815482_/_5815493'	0.77	1.07	3.33	1.67	0.96	3.33	1.25 No	0.77	Primary Over-Voltage
TWL072	796	'5819548_/_5819545'	0.77	1.07	3.33	0.33	0.96	10	3.76 No	0.33	Thermal Discharging
TWL072	797	'43790194_/_43790196'	0.57	1.07	3.33	1.1	0.05	3.33	1.25 No	0.05	Element Fault
TWL072	798	'5807969_/_43787678'	0.67	1.07	3.33	1.1	0.07	3.33	1.25 No	0.07	Element Fault
TWL072	799	'9310927_/_9310924'	0.77	1.07	3.33	1.5	0.96	6.67	2.51 No	0.77	Primary Over-Voltage
TWL072	800	'8367387_/_9311386_1'	0.6	1.07	3.33	1.1	0.05	3.33	1.25 No	0.05	Element Fault

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TWL072	801	'5809126_/_5809227'	0.7	1.07	3.33	1	0.96	3.33	1.25 No	0.7	Primary Over-Voltage
TWL072	802	'5805266_/_5805263'	0.7	1.07	3.33	0.2	0.96	3.33	1.25 No	0.2	Thermal Discharging
TWL072	803	'5781811_/_5781821'	0.77	1.07	3.33	0.33	0.96	3.33	1.25 No	0.33	Thermal Discharging
TWL072	804	'5783524_/_5783522'	0.57	1.07	3.33	0.5	0.96	3.33	1.25 No	0.5	Thermal Discharging
TWL072	805	'5818477_/_5818475'	1.7	3.2	10	1.1	2.89	6.67	2.51 No	1.1	Thermal Discharging
TWL072	806	'8367180_/_8367178'	0.67	1.07	3.33	1.1	0.07	10	3.76 No	0.07	Element Fault
TWL072	807	'5782174_/_5785754_1'	0.63	1.07	3.33	1.1	0.07	3.33	1.25 No	0.07	Element Fault
TWL072	808	'43787437_/_5801214'	1.27	2.13	6.67	1.1	1.93	3.33	1.25 No	1.1	Thermal Discharging
TWL072	809	'5782145_/_5782142_2'	1.2	2.07	6.67	0.8	1.93	3.33	1.25 No	0.8	Thermal Discharging
TWL072	810	'5805211_/_5805221'	0.67	1.03	3.33	0.2	0.96	3.33	1.25 No	0.2	Thermal Discharging
TWL072	811	'43787481_/_5808260'	0.67	1.03	3.33	0.9	0.96	3.33	1.25 No	0.67	Primary Over-Voltage
TWL072	812	'5782009_/_43783629'	1.7	3.1	10	1.2	2.89	3.33	1.25 No	1.2	Thermal Discharging
TWL072	813	'9311389_/_9311386_2'	1.13	2.07	6.67	1.1	1.93	3.33	1.25 No	1.1	Thermal Discharging
TWL072	814	'5811445_/_5820216'	0.77	1.03	3.33	0.33	0.96	3.33	1.25 No	0.33	Thermal Discharging
TWL072	815	'5809255_/_5809253'	0.63	1.03	3.33	0.55	0.96	3.33	1.25 No	0.55	Thermal Discharging
TWL072	816	'43790293_/_5815480'	1.7	3.1	10	1.2	2.89	3.33	1.25 No	1.2	Thermal Discharging
TWL072	817	'5809178_/_5809188'	0.67	1.03	3.33	1	0.96	3.33	1.25 No	0.67	Primary Over-Voltage
TWL072	818	'5831103_/_5831114'	0.77	1.03	3.33	0.33	0.96	6.67	2.51 No	0.33	Thermal Discharging
TWL072	819	'5805169_/_5805166'	0.6	1.03	3.33	0.5	0.96	3.33	1.25 No	0.5	Thermal Discharging
TWL072	820	'8679672_/_8679670'	0.57	1.03	3.33	0.5	0.96	3.33	1.25 No	0.5	Thermal Discharging
TWL072	821	'5815305_/_5835775'	0.63	1.03	3.33	0.2	0.07	3.33	1.25 No	0.07	Element Fault
TWL072	822	'5781798_/_5781808'	0.77	1.03	3.33	0.33	0.96	3.33	1.25 No	0.33	Thermal Discharging
TWL072	823	'5782025_/_5782022'	0.67	1.03	3.33	0.2	0.96	3.33	1.25 No	0.2	Thermal Discharging
TWL072	824	'5809139_/_5809136'	0.57	1.03	3.33	1.1	0.05	3.33	1.25 No	0.05	Element Fault
TWL072	825	'7417164_/_9623597'	0.57	1.03	3.33	0.5	0.96	10	3.76 No	0.5	Thermal Discharging
TWL072	826	'5815470_/_5815467'	0.67	1.03	3.33	0.2	0.96	3.33	1.25 No	0.2	Thermal Discharging
TWL072	827	'44685933_/_5815344'	0.57	1.03	3.33	0.3	0.96	3.33	1.25 No	0.3	Thermal Discharging
TWL072	828	'5815646_/_5831026'	0.63	1.03	3.33	0.2	0.07	3.33	1.25 No	0.07	Element Fault
TWL072	829	'5805210_/_5805208'	0.63	1.03	3.33	1.1	0.07	3.33	1.25 No	0.07	Element Fault
TWL072	830	'155080379_/_154993816'	0.73	1.03	3.33	0.5	0.96	10	3.76 No	0.5	Thermal Discharging
TWL072	831	'43783981_/_5783551'	0.53	1	3.33	1.1	0.05	3.33	1.25 No	0.05	Element Fault
TWL072	832	'5811446_/_5811443'	0.57	1	3.33	0.3	0.96	3.33	1.25 No	0.3	Thermal Discharging
TWL072	833	'43791106_/_5819582'	1.7	3	10	1.2	2.89	10	3.76 No	1.2	Thermal Discharging
TWL072	834	'43787709_/_5805276'	0.63	1	3.33	0.2	0.07	3.33	1.25 No	0.07	Element Fault
TWL072	835	'154993798_/_155080397'	0.53	1	3.33	0.4	0.96	10	3.76 No	0.4	Thermal Discharging
TWL072	836	'5831042_/_5831101'	0.57	1	3.33	1.1	0.05	3.33	1.25 No	0.05	Element Fault
TWL072	837	'5831131_/_5831144'	1.27	2	6.67	1.1	1.93	6.67	2.51 No	1.1	Thermal Discharging
TWL072	838	'43787951_/_5809123'	1.6	3	10	1.1	2.89	3.33	1.25 No	1.1	Thermal Discharging
TWL072	839	'5781355_/_5782142_1'	0.67	1	3.33	0.2	0.96	3.33	1.25 No	0.2	Thermal Discharging
TWL072	840	'5805182_/_5805179'	0.63	1	3.33	0.2	0.07	3.33	1.25 No	0.07	Element Fault
TWL072	841	'5809177_/_5809175'	1.6	3	10	1.1	2.89	3.33	1.25 No	1.1	Thermal Discharging
TWL072	842	'5785740_/_5785754_2'	0.53	1	3.33	0.5	0.96	3.33	1.25 No	0.5	Thermal Discharging
TWL072	843	'43783638_/_5782035'	1.6	3	10	1.2	2.89	3.33	1.25 No	1.2	Thermal Discharging
TWL072	844	'43790805_/_43790807'	0.73	1	3.33	0.33	0.96	6.67	2.51 No	0.33	Thermal Discharging
TWL072	845	'5801230_/_43787439'	0.63	1	3.33	1.1	0.07	3.33	1.25 No	0.07	Element Fault
TWL072	846	'5815580_/_5815577'	0.63	1	3.33	1.1	0.07	3.33	1.25 No	0.07	Element Fault
TWL072	847	'5808276_/_43787483'	0.73	1	3.33	0.33	0.96	3.33	1.25 No	0.33	Thermal Discharging
TWL072	848	'5782131_/_5782129'	1.13	2	6.67	1.1	1.93	3.33	1.25 No	1.1	Thermal Discharging
TWL072	849	'5815647_/_5815644'	0.53	1	3.33	1.1	0.05	3.33	1.25 No	0.05	Element Fault
TWL072	850	'43790172_/_5815302'	0.53	1	3.33	0.5	0.96	3.33	1.25 No	0.5	Thermal Discharging
TWL072	851	'43787968_/_5809149'	0.63	1	3.33	0.55	0.96	3.33	1.25 No	0.55	Thermal Discharging
TWL072	852	'43783504_/_43783506'	0.57	1	3.33	0.5	0.96	3.33	1.25 No	0.5	Thermal Discharging
TWL072	853	'5805194_/_5808345'	0.63	1	3.33	0.55	0.96	3.33	1.25 No	0.55	Thermal Discharging
TWL072	854	'5782038_/_43783640'	1.27	2	6.67	1.1	1.93	3.33	1.25 No	1.1	Thermal Discharging
TWL072	855	'5781785_/_5781795'	0.63	1	3.33	0.2	0.96	3.33	1.25 No	0.2	Thermal Discharging
TWL072	856	'43790885_/_43790876'	0.6	1	3.33	0.2	0.07	3.33	1.25 No	0.07	Element Fault
TWL072	857	'43787714_/_43787711'	0.6	1	3.33	0.2	0.07	3.33	1.25 No	0.07	Element Fault
TWL072	858	'43792160_/_5831052'	0.6	0.97	3.33	0.2	0.07	3.33	1.25 No	0.07	Element Fault
TWL072	859	'43783980_/_5783564'	0.7	0.97	3.33	0.5	0.96	3.33	1.25 No	0.5	Thermal Discharging
TWL072	860	'155234396_/_155080416_1'	0.5	0.97	3.33	1.1	0.05	10	3.76 No	0.05	Element Fault
TWL072	861	'5809097_/_5809107'	0.53	0.97	3.33	1.1	0.05	3.33	1.25 No	0.05	Element Fault
TWL072	862	'43790841_/_43790843'	0.63	0.97	3.33	0.2	0.96	3.33	1.25 No	0.2	Thermal Discharging
TWL072	863	'5818448_/_5818460'	0.63	0.97	3.33	0.55	0.96	6.67	2.51 No	0.55	Thermal Discharging
TWL072	864	'5781969_/_5785738'	0.53	0.97	3.33	0.5	0.96	3.33	1.25 No	0.5	Thermal Discharging
TWL072	865	'43783583_/_43783585'	1.6	2.9	10	1.2	2.89	3.33	1.25 No	1.2	Thermal Discharging
TWL072	866	'5785782_/_5785780'	0.6	0.97	3.33	0.2	0.07	3.33	1.25 No	0.07	Element Fault
TWL072	867	'5816137_/_5816134'	0.6	0.97	3.33	1.1	0.07	3.33	1.25 No	0.07	Element Fault
TWL072	868	'5815252_/_5815331'	0.7	0.97	3.33	0.4	0.96	3.33	1.25 No	0.4	Thermal Discharging
TWL072	869	'5801243_/_5801240'	1.07	1.93	6.67	1.1	1.93	3.33	1.25 No	1.07	Primary Over-Voltage
TWL072	870	'5830951_/_5830948'	0.63	0.97	3.33	0.2	0.96	3.33	1.25 No	0.2	Thermal Discharging
TWL072	871	'43790304_/_5815657'	0.6	0.97	3.33	0.2	0.07	3.33	1.25 No	0.07	Element Fault
TWL072	872	'5815253_/_5815250'	0.63	0.97	3.33	0.55	0.96	3.33	1.25 No	0.55	Thermal Discharging
TWL072	873	'43787973_/_43787970'	0.6	0.97	3.33	0.2	0.07	3.33	1.25 No	0.07	Element Fault
TWL072	874	'5815968_/_5815965'	0.6	0.97	3.33	0.2	0.07	3.33	1.25 No	0.07	Element Fault
TWL072	875	'5781368_/_5781365'	0.5	0.93	3.33	1.1	0.05	3.33	1.25 No	0.05	Element Fault
TWL072	876	'43783572_/_43783574'	0.6	0.93	3.33	0.2	0.07	3.33	1.25 No	0.07	Element Fault
TWL072	877	'5818651_/_43790887'	0.63	0.93	3.33	0.55	0.96	3.33	1.25 No	0.55	Thermal Discharging
TWL072	878	'5818762_/_5818759'	0.5	0.93	3.33	0.2	0.05	3.33	1.25 No	0.05	Element Fault
TWL072	879	'5809084_/_5809094'	0.67	0.93	3.33	0.5	0.96	3.33	1.25 No	0.5	Thermal Discharging
TWL072	880	'5818598_/_5818596'	0.6	0.93	3.33	0.2	0.07	3.33	1.25 No	0.07	Element Fault
TWL072	881	'5781381_/_5781378'	0.53	0.93	3.33	1.1	0.05	3.33	1.25 No	0.05	Element Fault
TWL072	882	'43790381_/_5816150'	0.5	0.93	3.33	0.5	0.96	3.33	1.25 No	0.5	Primary Over-Voltage
TWL072	883	'5782226_/_5797421'	0.57	0.93	3.33	1.1	0.07	3.33	1.25 No	0.07	Element Fault
TWL072	884	'43783616_/_5781967'	0.63	0.93	3.33	0.55	0.96	3.33	1.25 No	0.55	Thermal Discharging
TWL072	885	'5818433_/_5818445'	0.5	0.93	3.33	0.5	0.96	6.67	2.51 No	0.5	Primary Over-Voltage
TWL072	886	'43787470_/_5830961'	0.57	0.93	3.33	0.2	0.07	3.33	1.25 No	0.07	Element Fault
TWL072	887	'43783561_/_5785793'	0.6	0.93	3.33	0.2	0.96	3.33	1.25 No	0.2	Thermal Discharging
TWL072	888	'5822584_/_5822582_1'	1	1.87	6.67	1.1	1.93	3.33	1.25 No	1	Primary Over-Voltage
TWL072	889	'5801256_/_5801253'	0.67	0.93	3.33	0.33	0.96	3.33	1.25 No	0.33	Thermal Discharging
TWL072	890	'5815266_/_5815263'	0.67	0.93	3.33	0.33	0.96	3.33	1.25 No	0.33	Thermal Discharging
TWL072	891	'5781394_/_5781391'	0.5	0.93	3.33	1	0.05	3.33	1.25 No	0.05	Element Fault
TWL072	892	'5809083_/_5809081'	0.57	0.93	3.33	0.2	0.07	3.33	1.25 No	0.07	Element Fault
TWL072	893	'5781759_/_5781769'	0.7	0.93	3.33	0.4	0.96	3.33	1.25 No	0.4	Thermal Discharging
TWL072	894	'5815673_/_43790306'	0.5	0.9	3.33	0.2	0.05	3.33	1.25 No	0.05	Element Fault

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TWL072	895	'43783594_/_43783596'		0.63	0.9	3.33	0.55	0.96	3.33	1.25 No	0.55 Thermal Discharging
TWL072	896	'43787720_/_5805192'		0.63	0.9	3.33	0.55	0.96	3.33	1.25 No	0.55 Thermal Discharging
TWL072	897	'5819239_/_5819236'		0.5	0.9	3.33	1.1	0.05	3.33	1.25 No	0.05 Element Fault
TWL072	898	'5815567_/_43790383'		0.57	0.9	3.33	0.2	0.07	3.33	1.25 No	0.07 Element Fault
TWL072	899	'5818775_/_5818772'		0.57	0.9	3.33	1.1	0.07	3.33	1.25 No	0.07 Element Fault
TWL072	900	'5785728_/_5785767'		0.63	0.9	3.33	0.5	0.96	3.33	1.25 No	0.5 Thermal Discharging
TWL072	901	'43789972_/_5818430'		0.5	0.9	3.33	0.5	0.96	6.67	2.51 No	0.5 Primary Over-Voltage
TWL072	902	'5822585_/_5822582_2'		0.57	0.9	3.33	0.2	0.07	3.33	1.25 No	0.07 Element Fault
TWL072	903	'5818963_/_5818973'		0.57	0.9	3.33	0.2	0.07	3.33	1.25 No	0.07 Element Fault
TWL072	904	'43790161_/_43790163'		1	1.8	6.67	1.1	1.93	3.33	1.25 No	1 Primary Over-Voltage
TWL072	905	'5781970_/_43783618'		0.63	0.9	3.33	0.55	0.96	3.33	1.25 No	0.55 Thermal Discharging
TWL072	906	'5781407_/_5781404'		0.7	0.9	3.33	0.4	0.96	3.33	1.25 No	0.4 Thermal Discharging
TWL072	907	'43790370_/_5816176'		0.5	0.9	3.33	1.1	0.05	3.33	1.25 No	0.05 Element Fault
TWL072	908	'5781745_/_5781756'		0.63	0.87	3.33	0.55	0.96	3.33	1.25 No	0.55 Thermal Discharging
TWL072	909	'5815981_/_5815978'		0.47	0.87	3.33	0.2	0.05	3.33	1.25 No	0.05 Element Fault
TWL072	910	'43787448_/_5801266'		0.53	0.87	3.33	0.2	0.07	3.33	1.25 No	0.07 Element Fault
TWL072	911	'7416634_/_7416631_1'		0.63	0.87	3.33	0.55	0.96	3.33	1.25 No	0.55 Thermal Discharging
TWL072	912	'5815689_/_5815686'		0.47	0.87	3.33	0.5	0.96	3.33	1.25 No	0.47 Primary Over-Voltage
TWL072	913	'5774800_/_5785725'		0.53	0.87	3.33	1.1	0.07	3.33	1.25 No	0.07 Element Fault
TWL072	914	'45374546_/_5782116'		0.63	0.87	3.33	0.3	0.96	3.33	1.25 No	0.3 Thermal Discharging
TWL072	915	'5819252_/_5819249'		0.47	0.87	3.33	1.1	0.05	3.33	1.25 No	0.05 Element Fault
TWL072	916	'5815554_/_5815564'		0.53	0.87	3.33	0.2	0.07	3.33	1.25 No	0.07 Element Fault
TWL072	917	'5818788_/_5818785'		0.47	0.87	3.33	1	0.05	3.33	1.25 No	0.05 Element Fault
TWL072	918	'5801116_/_5820140'		0.63	0.87	3.33	0.5	0.96	6.67	2.51 No	0.5 Thermal Discharging
TWL072	919	'43787459_/_5822595'		0.63	0.87	3.33	0.55	0.96	3.33	1.25 No	0.55 Thermal Discharging
TWL072	920	'45275582_/_5815276'		0.93	1.73	6.67	1.1	1.93	3.33	1.25 No	0.93 Primary Over-Voltage
TWL072	921	'5818950_/_5818960'		0.7	0.87	3.33	0.4	0.96	3.33	1.25 No	0.4 Thermal Discharging
TWL072	922	'43783515_/_5781417'		0.47	0.87	3.33	1.1	0.05	3.33	1.25 No	0.05 Element Fault
TWL072	923	'5781733_/_5781743'		0.63	0.87	3.33	0.55	0.96	3.33	1.25 No	0.55 Thermal Discharging
TWL072	924	'5815702_/_5815699'		0.53	0.87	3.33	1.1	0.07	3.33	1.25 No	0.07 Element Fault
TWL072	925	'5801131_/_5808144'		0.43	0.83	3.33	0.2	0.05	6.67	2.51 No	0.05 Element Fault
TWL072	926	'5774799_/_5774797'		0.93	1.67	6.67	1.1	1.93	3.33	1.25 No	0.93 Primary Over-Voltage
TWL072	927	'5801269_/_43787450'		0.47	0.83	3.33	0.5	0.96	3.33	1.25 No	0.47 Primary Over-Voltage
TWL072	928	'7416633_/_7416631_2'		0.63	0.83	3.33	0.55	0.96	3.33	1.25 No	0.55 Thermal Discharging
TWL072	929	'43790940_/_5819262'		0.53	0.83	3.33	0.2	0.07	3.33	1.25 No	0.07 Element Fault
TWL072	930	'5805195_/_43787722'		0.63	0.83	3.33	0.55	0.96	3.33	1.25 No	0.55 Thermal Discharging
TWL072	931	'5818937_/_5818947'		0.63	0.83	3.33	0.3	0.96	3.33	1.25 No	0.3 Thermal Discharging
TWL072	932	'5815553_/_5815551'		0.7	0.83	3.33	0.4	0.96	3.33	1.25 No	0.4 Thermal Discharging
TWL072	933	'5815715_/_5815712'		0.93	1.67	6.67	1.1	1.93	3.33	1.25 No	0.93 Primary Over-Voltage
TWL072	934	'5781732_/_43783541'		0.63	0.83	3.33	0.55	0.96	3.33	1.25 No	0.55 Thermal Discharging
TWL072	935	'43790896_/_5818811'		0.43	0.83	3.33	0.2	0.05	3.33	1.25 No	0.05 Element Fault
TWL072	936	'43790403_/_5816004'		0.47	0.83	3.33	1.1	0.05	3.33	1.25 No	0.05 Element Fault
TWL072	937	'5822610_/_43787461'		0.63	0.83	3.33	0.55	0.96	3.33	1.25 No	0.55 Thermal Discharging
TWL072	938	'43787020_/_5801129'		0.63	0.83	3.33	0.55	0.96	6.67	2.51 No	0.55 Thermal Discharging
TWL072	939	'5781941_/_5781954'		0.47	0.8	3.33	1	0.05	3.33	1.25 No	0.05 Element Fault
TWL072	940	'43790315_/_5815738'		0.5	0.8	3.33	0.2	0.07	3.33	1.25 No	0.07 Element Fault
TWL072	941	'45275695_/_5818798'		0.63	0.8	3.33	0.55	0.96	3.33	1.25 No	0.55 Thermal Discharging
TWL072	942	'5818936_/_5818934'		0.43	0.8	3.33	0.2	0.05	3.33	1.25 No	0.05 Element Fault
TWL072	943	'43787025_/_43787022'		0.87	1.6	6.67	1.1	1.93	6.67	2.51 No	0.87 Primary Over-Voltage
TWL072	944	'5801310_/_5822608'		0.63	0.8	3.33	0.55	0.96	3.33	1.25 No	0.55 Thermal Discharging
TWL072	945	'5781940_/_43783552'		0.63	0.8	3.33	0.55	0.96	3.33	1.25 No	0.55 Thermal Discharging
TWL072	946	'5819277_/_43790942'		0.67	0.8	3.33	0.4	0.96	3.33	1.25 No	0.4 Thermal Discharging
TWL072	947	'5815728_/_5815725'		0.4	0.77	3.33	0.2	0.05	3.33	1.25 No	0.05 Element Fault
TWL072	948	'5801311_/_5801308'		0.63	0.77	3.33	0.55	0.96	3.33	1.25 No	0.55 Thermal Discharging
TWL072	949	'8679576_/_8679574'		0.63	0.77	3.33	0.3	0.96	3.33	1.25 No	0.3 Thermal Discharging
TWL072	950	'5815994_/_5815991'		0.43	0.77	3.33	1	0.05	3.33	1.25 No	0.05 Element Fault
TWL072	951	'5819278_/_5819275'		0.63	0.77	3.33	0.4	0.96	3.33	1.25 No	0.4 Thermal Discharging
TWL072	952	'43790907_/_43790909'		0.57	0.77	3.33	0.55	0.96	3.33	1.25 No	0.55 Thermal Discharging
TWL072	953	'5818526_/_5818523'		0.63	0.77	3.33	0.55	0.96	3.33	1.25 No	0.55 Thermal Discharging
TWL072	954	'5818393_/_5820164'		0.57	0.77	3.33	0.55	0.96	3.33	1.25 No	0.55 Thermal Discharging
TWL072	955	'5818539_/_5818536'		0.4	0.77	3.33	0.2	0.05	3.33	1.25 No	0.05 Element Fault
TWL072	956	'43790326_/_5815751'		0.63	0.73	3.33	0.55	0.96	3.33	1.25 No	0.55 Thermal Discharging
TWL072	957	'5818911_/_5818921'		0.63	0.73	3.33	0.55	0.96	3.33	1.25 No	0.55 Thermal Discharging
TWL072	958	'43790951_/_5819353'		0.6	0.73	3.33	0.4	0.96	3.31	1.25 No	0.4 Thermal Discharging
TWL072	959	'5818898_/_5818908'		0.57	0.73	3.33	0.55	0.96	3.33	1.25 No	0.55 Thermal Discharging
TWL072	960	'43791017_/_5818549'		0.63	0.73	3.33	0.55	0.96	3.31	1.25 No	0.55 Thermal Discharging
TWL072	961	'43789984_/_5818391'		0.4	0.73	3.33	0.2	0.05	3.33	1.25 No	0.05 Element Fault
TWL072	962	'5816020_/_5816017'		0.4	0.73	3.33	0.9	0.05	3.33	1.25 No	0.05 Element Fault
TWL072	963	'5818885_/_5818895'		0.63	0.73	3.33	0.55	0.96	3.33	1.25 No	0.55 Thermal Discharging
TWL072	964	'5819291_/_5819288'		0.6	0.73	3.33	0.4	0.96	3.23	1.25 No	0.4 Thermal Discharging
TWL072	965	'5818568_/_43791019'		0.57	0.7	3.33	0.55	0.96	3.21	1.25 No	0.55 Thermal Discharging
TWL072	966	'5818339_/_5818336'		0.37	0.7	3.33	0.2	0.05	3.33	1.25 No	0.05 Element Fault
TWL072	967	'5818869_/_5818882'		0.6	0.7	3.33	0.55	0.96	3.33	1.25 No	0.55 Thermal Discharging
TWL072	968	'5819001_/_5819210'		0.57	0.7	3.33	0.4	0.96	3.33	1.25 No	0.4 Thermal Discharging
TWL072	969	'5819304_/_5819301'		0.6	0.7	3.33	0.55	0.96	3.17	1.25 No	0.55 Thermal Discharging
TWL072	970	'5818868_/_5818866'		0.37	0.7	3.33	0.2	0.05	3.33	1.25 No	0.05 Element Fault
TWL072	971	'43790414_/_5816030'		0.6	0.7	3.33	0.55	0.96	3.33	1.25 No	0.55 Thermal Discharging
TWL072	972	'5818352_/_5818349'		0.4	0.7	3.33	0.9	0.05	3.33	1.25 No	0.05 Element Fault
TWL072	973	'5819002_/_5818999'		0.6	0.67	3.33	0.3	0.96	3.33	1.25 No	0.3 Thermal Discharging
TWL072	974	'43790918_/_43790920'		0.6	0.67	3.33	0.55	0.96	3.33	1.25 No	0.55 Thermal Discharging
TWL072	975	'43790962_/_5819379'		0.57	0.67	3.33	0.4	0.96	3.09	1.25 No	0.4 Thermal Discharging
TWL072	976	'43790794_/_5818365'		0.37	0.67	3.33	0.2	0.05	3.33	1.25 No	0.05 Element Fault
TWL072	977	'43790973_/_5819015'		0.37	0.67	3.33	0.55	0.96	3.33	1.25 No	0.37 Primary Over-Voltage
TWL072	978	'5819031_/_5819028'		0.37	0.67	3.33	0.55	0.96	3.33	1.25 No	0.37 Primary Over-Voltage
TWL072	979	'5801103_/_5801113'		0.37	0.67	3.33	0.55	0.96	3.08	1.25 No	0.37 Primary Over-Voltage
TWL072	980	'56423162_/_56423168'		0.57	0.67	3.33	0.3	0.96	3.07	1.25 No	0.3 Thermal Discharging
TWL072	981	'61697404_/_56423191_2'		0.57	0.67	3.33	0.3	0.96	3.07	1.25 No	0.3 Thermal Discharging
TWL072	982	'56423166_/_56423191_1'		0.37	0.67	3.33	0.3	0.96	3.06	1.25 No	0.3 Thermal Discharging
TWL072	983	'5818843_/_5818853'		0.57	0.67	3.33	0.55	0.96	3.33	1.25 No	0.55 Thermal Discharging
TWL072	984	'5801090_/_5801100'		0.37	0.67	3.33	0.55	0.96	3.04	1.25 No	0.37 Primary Over-Voltage
TWL072	985	'5819316_/_5819366'		0.33	0.67	3.33	0.2	0.05	3.02	1.25 No	0.05 Element Fault
TWL072	986	'5816046_/_43790416'		0.53	0.67	3.33	0.4	0.96	3.33	1.25 No	0.4 Thermal Discharging
TWL072	987	'5818381_/_43790796'		0.37	0.67	3.33	0.9	0.05	3.33	1.25 No	0.05 Element Fault
TWL072	988	'43790978_/_43790975'		0.57	0.63	3.33	0.3	0.96	3.33	1.25 No	0.3 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TWL072	989	'5818842_/_5818840'	0.57	0.63	3.33	0.55	0.96	3.33	1.25 No	0.55	Thermal Discharging
TWL072	990	'43790984_/_5819418'	0.57	0.63	3.33	0.3	0.96	3.33	1.25 No	0.3	Thermal Discharging
TWL072	991	'5818407_/_5818404'	0.33	0.63	3.33	0.2	0.05	3.33	1.25 No	0.05	Element Fault
TWL072	992	'5819317_/_5819314'	0.37	0.63	3.33	0.55	0.96	2.96	1.25 No	0.37	Primary Over-Voltage
TWL072	993	'43787415_/_43787417'	0.53	0.63	3.33	0.4	0.96	2.96	1.25 No	0.4	Thermal Discharging
TWL072	994	'9623306_/_56423216'	0.37	0.63	3.33	0.3	0.96	2.95	1.25 No	0.3	Thermal Discharging
TWL072	995	'5819043_/_5819405'	0.57	0.63	3.33	0.3	0.96	3.3	1.25 No	0.3	Thermal Discharging
TWL072	996	'43790929_/_43790931'	0.53	0.63	3.33	0.55	0.96	3.28	1.25 No	0.53	Primary Over-Voltage
TWL072	997	'5818420_/_5818417'	0.33	0.63	3.33	0.55	0.96	3.33	1.25 No	0.33	Primary Over-Voltage
TWL072	998	'5816059_/_5816056'	0.37	0.63	3.33	0.9	0.05	3.29	1.25 No	0.05	Element Fault
TWL072	999	'5801064_/_5801074'	0.5	0.63	3.33	0.4	0.96	2.91	1.25 No	0.4	Thermal Discharging
TWL072	1000	'5819330_/_5819327'	0.53	0.6	3.33	0.3	0.96	2.9	1.25 No	0.3	Thermal Discharging
TWL072	1001	'5819044_/_5819041'	0.53	0.6	3.33	0.55	0.96	3.21	1.25 No	0.53	Primary Over-Voltage
TWL072	1002	'5818625_/_5818827'	0.33	0.6	3.33	0.55	0.96	3.2	1.25 No	0.33	Primary Over-Voltage
TWL072	1003	'5801051_/_5801061'	0.5	0.6	3.33	0.4	0.96	2.86	1.25 No	0.4	Thermal Discharging
TWL072	1004	'5819096_/_5819093'	0.53	0.6	3.33	0.3	0.96	3.18	1.25 No	0.3	Thermal Discharging
TWL072	1005	'5819634_/_5819619'	0.33	0.6	3.33	0.55	0.96	2.84	1.25 No	0.33	Primary Over-Voltage
TWL072	1006	'43790425_/_5816069'	0.33	0.6	3.33	0.9	0.05	3.16	1.25 No	0.05	Element Fault
TWL072	1007	'43790863_/_43790865'	0.53	0.6	3.33	0.55	0.96	3.13	1.25 No	0.53	Primary Over-Voltage
TWL072	1008	'43791246_/_5819975'	0.5	0.6	3.33	0.4	0.96	2.8	1.25 No	0.4	Thermal Discharging
TWL072	1009	'43787404_/_5801048'	0.5	0.6	3.33	0.3	0.96	2.81	1.25 No	0.3	Thermal Discharging
TWL072	1010	'43790995_/_5819392'	0.5	0.6	3.33	0.4	0.96	3.11	1.25 No	0.4	Thermal Discharging
TWL072	1011	'5819635_/_5819632'	0.5	0.57	3.33	0.3	0.96	2.78	1.25 No	0.3	Thermal Discharging
TWL072	1012	'5819978_/_43791248'	0.5	0.57	3.33	0.55	0.96	2.76	1.25 No	0.5	Primary Over-Voltage
TWL072	1013	'44781301_/_5818609'	0.5	0.57	3.33	0.3	0.96	3.06	1.25 No	0.3	Thermal Discharging
TWL072	1014	'5819109_/_5819106'	0.33	0.57	3.33	0.55	0.96	3.04	1.25 No	0.33	Primary Over-Voltage
TWL072	1015	'43787392_/_43787394'	0.5	0.57	3.33	0.3	0.96	2.74	1.25 No	0.3	Thermal Discharging
TWL072	1016	'5819122_/_5819119'	0.33	0.57	3.33	0.9	0.05	3.01	1.25 No	0.05	Element Fault
TWL072	1017	'5816085_/_43790427'	0.3	0.57	3.33	0.55	0.96	3.02	1.25 No	0.3	Primary Over-Voltage
TWL072	1018	'5819135_/_5819132'	0.5	0.57	3.33	0.3	0.96	2.97	1.25 No	0.3	Thermal Discharging
TWL072	1019	'5801012_/_5801022'	0.47	0.57	3.33	0.3	0.96	2.69	1.25 No	0.3	Thermal Discharging
TWL072	1020	'8054238_/_8054235'	0.5	0.57	3.33	0.3	0.96	2.67	1.25 No	0.3	Thermal Discharging
TWL072	1021	'5819148_/_5819145'	0.3	0.53	3.33	0.9	0.05	2.93	1.25 No	0.05	Element Fault
TWL072	1022	'5816098_/_5816095'	0.3	0.53	3.33	0.55	0.96	2.95	1.25 No	0.3	Primary Over-Voltage
TWL072	1023	'9623269_/_9623267'	0.47	0.53	3.33	0.3	0.96	2.62	1.25 No	0.3	Thermal Discharging
TWL072	1024	'5800996_/_5801009'	0.47	0.53	3.33	0.3	0.96	2.63	1.25 No	0.3	Thermal Discharging
TWL072	1025	'43791006_/_5819223'	0.3	0.53	3.33	0.55	0.96	2.88	1.25 No	0.3	Primary Over-Voltage
TWL072	1026	'5816111_/_5816108'	0.3	0.53	3.33	0.9	0.05	2.87	1.25 No	0.05	Element Fault
TWL072	1027	'5800995_/_5800993'	0.47	0.53	3.33	0.3	0.96	2.59	1.25 No	0.3	Thermal Discharging
TWL072	1028	'5819161_/_5819158'	0.47	0.53	3.33	0.3	0.96	2.83	1.25 No	0.3	Thermal Discharging
TWL072	1029	'5819174_/_5819171'	0.3	0.53	3.33	0.55	0.96	2.79	1.25 No	0.3	Primary Over-Voltage
TWL072	1030	'43792042_/_43792044'	0.47	0.53	3.33	0.3	0.96	2.54	1.25 No	0.3	Thermal Discharging
TWL072	1031	'5819187_/_5819184'	0.3	0.5	3.33	0.9	0.05	2.77	1.25 No	0.05	Element Fault
TWL072	1032	'43790436_/_5816121'	0.3	0.5	3.33	0.55	0.96	2.78	1.25 No	0.3	Primary Over-Voltage
TWL072	1033	'5822543_/_5822553'	0.43	0.5	3.33	0.3	0.96	2.49	1.25 No	0.3	Thermal Discharging
TWL072	1034	'5819200_/_5819197'	0.27	0.5	3.33	0.55	0.96	2.69	1.25 No	0.27	Primary Over-Voltage
TWL072	1035	'5800983_/_5822540'	0.3	0.5	3.33	0.9	0.05	2.45	1.25 No	0.05	Element Fault
TWL072	1036	'5816244_/_43790438'	0.3	0.5	3.33	0.9	0.05	2.69	1.25 No	0.05	Element Fault
TWL072	1037	'5815942_/_5817549'	0.27	0.5	3.33	0.55	0.96	2.66	1.25 No	0.27	Primary Over-Voltage
TWL072	1038	'5800982_/_5800980'	0.27	0.5	3.33	0.9	0.05	2.42	1.25 No	0.05	Element Fault
TWL072	1039	'5815929_/_5815939'	0.27	0.47	3.33	0.9	0.05	2.64	1.25 No	0.05	Element Fault
TWL072	1040	'5815900_/_5815926'	0.27	0.47	3.33	0.9	0.05	2.6	1.25 No	0.05	Element Fault
TWL072	1041	'413813123_/_5815897_2'	0.27	0.47	3.33	0.3	0.05	2.59	1.25 No	0.05	Element Fault
TWL072	1042	'5815899_/_5815897_1'	0.27	0.47	3.33	0.3	0.05	2.56	1.25 No	0.05	Element Fault
TWL072	1043	'43790359_/_43790361'	0.27	0.47	3.33	0.3	0.05	2.53	1.25 No	0.05	Element Fault
TWL072	1044	'5815874_/_5815884'	0.27	0.43	3.33	0.3	0.05	2.49	1.25 No	0.05	Element Fault
TWL072	1045	'5815858_/_5815871'	0.27	0.43	3.33	0.3	0.05	2.45	1.25 No	0.05	Element Fault
TWL072	1046	'43790348_/_43790350'	0.27	0.43	3.33	0.3	0.05	2.4	1.25 No	0.05	Element Fault
TWL072	1047	'43790337_/_43790339'	0.23	0.43	3.33	0.3	0.05	2.36	1.25 No	0.05	Element Fault
TWL072	1048	'5815832_/_5815842'	0.23	0.4	3.33	0.3	0.05	2.32	1.25 No	0.05	Element Fault
TWL072	1049	'5815819_/_5815829'	0.23	0.4	3.33	0.3	0.05	2.28	1.25 No	0.05	Element Fault
TWL072	1050	'5815806_/_5815816'	0.23	0.4	3.33	0.3	0.05	2.24	1.25 No	0.05	Element Fault
TWL073	0	'TWL073_/_8679002'	10	10	10	0.39	10	10	10 No	0.39	Thermal Discharging
TWL073	1	'8678684_/_8679002'	10	10	10	0.39	10	10	5.17 No	0.39	Thermal Discharging
TWL073	2	'8678685_/_8678682'	10	10	10	0.39	10	10	5.17 No	0.39	Thermal Discharging
TWL073	3	'8996723_/_9369126'	10	10	10	0.39	10	10	5.17 No	0.39	Thermal Discharging
TWL073	4	'5829545_/_8996721'	10	10	10	0.39	10	10	5.17 No	0.39	Thermal Discharging
TWL073	5	'55710966_/_55710946_1'	10	10	10	0.39	10	10	5.17 No	0.39	Thermal Discharging
TWL073	6	'55710949_/_55710946_2'	10	10	10	0.39	10	10	5.17 No	0.39	Thermal Discharging
TWL073	7	'55711256_/_55711168'	10	10	10	0.39	10	10	5.17 No	0.39	Thermal Discharging
TWL073	8	'55711265_/_55711232'	10	10	10	0.39	10	10	5.17 No	0.39	Thermal Discharging
TWL073	9	'55711295_/_55711268'	10	10	10	0.39	10	10	5.17 No	0.39	Thermal Discharging
TWL073	10	'55711356_/_55711298'	10	10	10	0.39	10	10	5.17 No	0.39	Thermal Discharging
TWL073	11	'55711363_/_55711328'	10	10	10	0.39	10	10	5.17 No	0.39	Thermal Discharging
TWL073	12	'5829617_/_55711366'	9.7	10	10	0.39	10	10	5.17 No	0.39	Thermal Discharging
TWL073	13	'5829634_/_5829631'	9.3	10	10	0.39	10	10	5.17 No	0.39	Thermal Discharging
TWL073	14	'5829651_/_5829648'	8.8	10	10	0.39	10	10	5.17 No	0.39	Thermal Discharging
TWL073	15	'5829685_/_5829906'	8.2	10	10	0.39	10	10	5.17 No	0.39	Thermal Discharging
TWL073	16	'5829684_/_5829682'	7.9	10	10	0.39	10	10	5.17 No	0.39	Thermal Discharging
TWL073	17	'5829701_/_5829699'	7.4	10	10	0.39	10	10	5.17 No	0.39	Thermal Discharging
TWL073	18	'5829718_/_5829716_1'	7.1	10	10	0.39	10	10	5.17 No	0.39	Thermal Discharging
TWL073	19	'5829736_/_5829733'	6.6	10	10	0.39	10	10	5.17 No	0.39	Thermal Discharging
TWL073	20	'5829753_/_5829750'	6.3	10	10	0.39	10	10	5.17 No	0.39	Thermal Discharging
TWL073	21	'5829770_/_5829767'	5.9	10	10	0.39	10	10	5.17 No	0.39	Thermal Discharging
TWL073	22	'438066605_/_5829784'	5.8	10	10	0.39	10	10	5.17 No	0.39	Thermal Discharging
TWL073	23	'438066711_/_438066676_1'	5.8	10	10	0.39	10	10	5.17 No	0.39	Thermal Discharging
TWL073	24	'5829787_/_438066607'	5.7	10	10	0.39	10	10	5.17 No	0.39	Thermal Discharging
TWL073	25	'438068195_/_441292787_2'	5.7	10	10	0.39	5.5	10	5.17 No	0.39	Thermal Discharging
TWL073	26	'463565669_/_438066676_2'	5.5	10	10	0.39	10	10	5.17 No	0.39	Thermal Discharging
TWL073	27	'441292769_/_441292787_1'	4.4	10	10	0.39	3.4	10	5.17 No	0.39	Thermal Discharging
TWL073	28	'441292731_/_441292749'	2.93	6.67	6.67	0.26	2.27	6.67	3.45 No	0.26	Thermal Discharging
TWL073	29	'463565729_/_463565693'	2.1	10	10	0.39	10	10	5.17 No	0.39	Thermal Discharging
TWL073	30	'441292907_/_441292941'	5.2	6.67	6.67	0.26	2.27	6.67	3.45 No	0.26	Thermal Discharging
TWL073	31	'463565787_/_463565751'	4.2	10	10	0.39	10	10	5.17 No	0.39	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TWL073	32	'441292923_/441292963'	3.3	10	10	0.39	3.4	10	5.17 No	0.39	Thermal Discharging
TWL073	33	'454183746_/463565810_1'	4.1	10	10	0.39	10	10	5.17 No	0.39	Thermal Discharging
TWL073	34	'438066658_/463565810_2'	4.1	10	10	0.39	10	10	5.17 No	0.39	Thermal Discharging
TWL073	35	'5802907_/5823633'	4.1	10	10	0.39	10	10	5.17 No	0.39	Thermal Discharging
TWL073	36	'454183730_/438067408_1'	4.1	10	10	0.39	3.5	10	5.17 No	0.39	Thermal Discharging
TWL073	37	'5823636_/438066660'	4	10	10	0.39	10	10	5.17 No	0.39	Thermal Discharging
TWL073	38	'5823653_/5823650_1'	4	10	10	0.39	10	10	5.17 No	0.39	Thermal Discharging
TWL073	39	'43786608_/5823650_2'	4	10	10	0.39	10	10	5.17 No	0.39	Thermal Discharging
TWL073	40	'5802908_/5802921_1'	1.33	3.33	3.33	0.13	0.5	3.33	1.72 No	0.13	Thermal Discharging
TWL073	41	'5802962_/43786610'	3.9	10	10	0.39	10	10	5.17 No	0.39	Thermal Discharging
TWL073	42	'5833082_/5833097'	3.9	10	10	0.39	10	10	5.17 No	0.39	Thermal Discharging
TWL073	43	'7417124_/8680042_1'	3.9	10	10	0.39	1.5	10	5.17 No	0.39	Thermal Discharging
TWL073	44	'5830501_/5833080'	3.8	10	10	0.39	10	10	5.17 No	0.39	Thermal Discharging
TWL073	45	'49995413_/8367312_2'	3.8	10	10	0.39	10	10	5.17 No	0.39	Thermal Discharging
TWL073	46	'5802963_/5802976_1'	1.27	3.33	3.33	0.13	0.5	3.33	1.72 No	0.13	Thermal Discharging
TWL073	47	'438067389_/438067408_2'	3.7	10	10	0.39	3.5	10	5.17 No	0.39	Thermal Discharging
TWL073	48	'7731366_/8680042_2'	3.7	10	10	0.39	1.5	10	5.17 No	0.39	Thermal Discharging
TWL073	49	'5802979_/5802976_2'	1.2	3.33	3.33	0.13	0.5	3.33	1.72 No	0.13	Thermal Discharging
TWL073	50	'43786532_/5802921_2'	1.2	3.33	3.33	0.13	0.5	3.33	1.72 No	0.13	Thermal Discharging
TWL073	51	'449354466_/441292832'	1.4	3.33	3.33	0.13	1.13	3.33	1.72 No	0.13	Thermal Discharging
TWL073	52	'429022889_/429022886'	3.6	10	10	0.39	4.6	10	5.17 No	0.39	Thermal Discharging
TWL073	53	'454472792_/430221457_1'	3.6	10	10	0.39	1.5	10	5.17 No	0.39	Thermal Discharging
TWL073	54	'430221489_/430221457_2'	3.6	10	10	0.39	1.5	10	5.17 No	0.39	Thermal Discharging
TWL073	55	'463565852_/438066844'	2.8	10	10	0.39	3.4	10	5.17 No	0.39	Thermal Discharging
TWL073	56	'449354652_/441293145'	1.6	6.67	6.67	0.26	2.27	6.67	3.45 No	0.26	Thermal Discharging
TWL073	57	'8054720_/8367312_1'	3.4	10	10	0.39	10	10	5.17 No	0.39	Thermal Discharging
TWL073	58	'440141348_/438066775'	2.7	10	10	0.39	3.4	10	5.17 No	0.39	Thermal Discharging
TWL073	59	'440141355_/438066767'	2.7	10	10	0.39	3.4	10	5.17 No	0.39	Thermal Discharging
TWL073	60	'440141367_/438066783'	2.7	10	10	0.39	3.4	10	5.17 No	0.39	Thermal Discharging
TWL073	61	'440141361_/463565888'	2.7	10	10	0.39	3.4	10	5.17 No	0.39	Thermal Discharging
TWL073	62	'440141349_/438066759'	2.7	10	10	0.39	3.4	10	5.17 No	0.39	Thermal Discharging
TWL073	63	'438067321_/438067464'	3.3	10	10	0.39	3.5	10	5.17 No	0.39	Thermal Discharging
TWL073	64	'438067058_/438067072'	3.3	10	10	0.39	3.5	10	5.17 No	0.39	Thermal Discharging
TWL073	65	'5802937_/5802934'	1.1	3.33	3.33	0.13	0.5	3.33	1.72 No	0.13	Thermal Discharging
TWL073	66	'438067327_/438067080'	3.3	10	10	0.39	3.5	10	5.17 No	0.39	Thermal Discharging
TWL073	67	'438067315_/438067064'	3.3	10	10	0.39	3.5	10	5.17 No	0.39	Thermal Discharging
TWL073	68	'438067309_/438067056'	3.3	10	10	0.39	3.5	10	5.17 No	0.39	Thermal Discharging
TWL073	69	'429022907_/429022904'	3.2	10	10	0.39	4.6	10	5.17 No	0.39	Thermal Discharging
TWL073	70	'441293263_/441293242'	1.53	6.67	6.67	0.26	2.27	6.67	3.45 No	0.26	Thermal Discharging
TWL073	71	'463565868_/463565912'	2.5	10	10	0.39	3.4	10	5.17 No	0.39	Thermal Discharging
TWL073	72	'438067849_/438067828'	2.07	6.67	6.67	0.26	2.33	6.67	3.45 No	0.26	Thermal Discharging
TWL073	73	'5803162_/430221491'	3.2	10	10	0.39	1.5	10	5.17 No	0.39	Thermal Discharging
TWL073	74	'8054719_/8054717'	3.1	10	10	0.39	10	10	5.17 No	0.39	Thermal Discharging
TWL073	75	'8366468_/8366466'	1.07	3.33	3.33	0.13	0.3	3.33	1.72 No	0.13	Thermal Discharging
TWL073	76	'43792480_/5832893'	1.03	3.33	3.33	0.13	0.5	3.33	1.72 No	0.13	Thermal Discharging
TWL073	77	'449354626_/438066985'	2.4	10	10	0.39	3.4	10	5.17 No	0.39	Thermal Discharging
TWL073	78	'438067824_/438067745'	3.1	10	10	0.39	3.5	10	5.17 No	0.39	Thermal Discharging
TWL073	79	'37935586_/8450396'	3	10	10	0.39	10	10	5.17 No	0.39	Thermal Discharging
TWL073	80	'8366485_/8366482'	1.03	3.33	3.33	0.13	0.3	3.33	1.72 No	0.13	Thermal Discharging
TWL073	81	'8679333_/8679330'	1	3.33	3.33	0.13	0.3	3.33	1.72 No	0.13	Thermal Discharging
TWL073	82	'5802950_/5802947'	0.97	3.33	3.33	0.13	0.5	3.33	1.72 No	0.13	Thermal Discharging
TWL073	83	'429022925_/429022922'	2.9	10	10	0.39	4.6	10	5.17 No	0.39	Thermal Discharging
TWL073	84	'454472499_/429022982_1'	1.93	6.67	6.67	0.26	1.1	6.67	3.45 No	0.26	Thermal Discharging
TWL073	85	'5803675_/429022982_2'	1.93	6.67	6.67	0.26	1.1	6.67	3.45 No	0.26	Thermal Discharging
TWL073	86	'463565997_/438067935'	3	10	10	0.39	3.5	10	5.17 No	0.39	Thermal Discharging
TWL073	87	'430222801_/429022940_1'	0.97	3.33	3.33	0.13	0.5	3.33	1.72 No	0.13	Thermal Discharging
TWL073	88	'91071828_/91072132'	1.87	6.47	6.47	0.26	2.33	6.67	3.45 No	0.26	Thermal Discharging
TWL073	89	'441293238_/438067022'	2.3	10	10	0.39	3.4	10	5.17 No	0.39	Thermal Discharging
TWL073	90	'43786595_/5803160'	2.9	10	10	0.39	1.5	10	5.17 No	0.39	Thermal Discharging
TWL073	91	'7416542_/438067853'	2.9	10	10	0.39	3.5	10	5.17 No	0.39	Thermal Discharging
TWL073	92	'88521115_/463566019'	2.9	10	10	0.39	3.5	10	5.17 No	0.39	Thermal Discharging
TWL073	93	'430222453_/430222489'	2.8	10	10	0.39	4.5	10	5.17 No	0.39	Thermal Discharging
TWL073	94	'429022943_/429022940_2'	0.97	3.33	3.33	0.13	0.5	3.33	1.72 No	0.13	Thermal Discharging
TWL073	95	'88521169_/88521126_2'	2.9	10	10	0.39	3.5	10	5.17 No	0.39	Thermal Discharging
TWL073	96	'73076810_/88521126_1'	2.9	10	10	0.39	1	10	5.17 No	0.39	Thermal Discharging
TWL073	97	'5802991_/43792482'	0.93	3.33	3.33	0.13	0.5	3.33	1.72 No	0.13	Thermal Discharging
TWL073	98	'5836954_/5836951'	0.93	3.33	3.33	0.13	0.5	3.33	1.72 No	0.13	Thermal Discharging
TWL073	99	'91072169_/7416539'	2.8	9.8	10	0.39	3.5	10	5.17 No	0.39	Thermal Discharging
TWL073	100	'5803826_/5803823'	1.8	6.53	6.67	0.26	1.1	6.67	3.45 No	0.26	Thermal Discharging
TWL073	101	'91072123_/91072216'	2.8	9.8	10	0.39	3.5	10	5.17 No	0.39	Thermal Discharging
TWL073	102	'441292987_/441293006'	1.07	3.23	3.33	0.13	1.13	3.33	1.72 No	0.13	Thermal Discharging
TWL073	103	'390282688_/441293267'	2.2	9.6	10	0.39	3.4	10	5.17 No	0.39	Thermal Discharging
TWL073	104	'441294288_/441294331'	1.07	3.13	3.33	0.13	1.17	3.33	1.72 No	0.13	Thermal Discharging
TWL073	105	'441293392_/390282707_2'	2.1	9.4	10	0.39	3.4	10	5.17 No	0.39	Thermal Discharging
TWL073	106	'73076844_/73076656'	2.7	9.4	10	0.39	1	10	5.17 No	0.39	Thermal Discharging
TWL073	107	'43788711_/390282707_1'	2.1	9.4	10	0.39	0.9	10	5.17 No	0.39	Thermal Discharging
TWL073	108	'5803163_/43786597'	2.6	9.4	10	0.39	1.5	10	5.17 No	0.39	Thermal Discharging
TWL073	109	'43786632_/5804848'	0.9	3.13	3.33	0.13	0.55	3.33	1.72 No	0.13	Thermal Discharging
TWL073	110	'43786390_/73076604'	2.6	9.3	10	0.39	1	10	5.17 No	0.39	Thermal Discharging
TWL073	111	'5803676_/5803673'	1.73	6.2	6.67	0.26	1.1	6.67	3.45 No	0.26	Thermal Discharging
TWL073	112	'5802992_/5802989'	0.83	3.03	3.33	0.13	0.5	3.33	1.72 No	0.13	Thermal Discharging
TWL073	113	'438066919_/441293109'	2	9.1	10	0.39	3.4	10	5.17 No	0.39	Thermal Discharging
TWL073	114	'438066902_/438066916'	2	9.1	10	0.39	3.4	10	5.17 No	0.39	Thermal Discharging
TWL073	115	'438066911_/438066908'	2	9.1	10	0.39	3.4	10	5.17 No	0.39	Thermal Discharging
TWL073	116	'438066927_/438066924'	2	9.1	10	0.39	3.4	10	5.17 No	0.39	Thermal Discharging
TWL073	117	'438066903_/438066900'	2	9.1	10	0.39	3.4	10	5.17 No	0.39	Thermal Discharging
TWL073	118	'449212159_/449212161'	2.6	9.1	10	0.39	1	10	5.17 No	0.39	Thermal Discharging
TWL073	119	'5803841_/5803838'	1.67	6.07	6.67	0.26	1.1	6.67	3.45 No	0.26	Thermal Discharging
TWL073	120	'73076551_/73076693'	2.6	9	10	0.39	1	10	5.17 No	0.39	Thermal Discharging
TWL073	121	'5804867_/5804864'	0.9	2.93	3.33	0.13	0.55	3.33	1.72 No	0.13	Thermal Discharging
TWL073	122	'73076129_/5802741'	2.5	8.6	10	0.39	1	10	5.17 No	0.39	Thermal Discharging
TWL073	123	'5803691_/5803688'	1.53	5.67	6.67	0.26	1.1	6.67	3.45 No	0.26	Thermal Discharging
TWL073	124	'5835830_/5835827'	0.9	2.8	3.33	0.13	0.55	3.33	1.72 No	0.13	Thermal Discharging
TWL073	125	'5803005_/5803002'	0.77	2.8	3.33	0.13	0.5	3.33	1.72 No	0.13	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over- Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TWL073	126	'5803862_/_5803859'		1.53	5.6	6.67	0.26	1.1	6.67	3.45 No	0.26 Thermal Discharging
TWL073	127	'73076137_/_43786545'		2.4	8.3	10	0.39	1	10	5.17 No	0.39 Thermal Discharging
TWL073	128	'440141177_/_438067963_1'		2.4	8.3	10	0.39	1	10	5.17 No	0.39 Thermal Discharging
TWL073	129	'43788723_/_5810973'		1.27	5.53	6.67	0.26	0.6	6.67	3.45 No	0.26 Thermal Discharging
TWL073	130	'43786886_/_5835840'		0.9	2.77	3.33	0.13	0.55	3.33	1.72 No	0.13 Thermal Discharging
TWL073	131	'440141016_/_441294307_2'		0.93	2.77	3.33	0.13	1.17	3.33	1.72 No	0.13 Thermal Discharging
TWL073	132	'463566046_/_438067963_2'		2.3	8.2	10	0.39	1	10	5.17 No	0.39 Thermal Discharging
TWL073	133	'5803018_/_5803015'		0.73	2.73	3.33	0.13	0.5	3.33	1.72 No	0.13 Thermal Discharging
TWL073	134	'5802869_/_441294307_1'		0.9	2.7	3.33	0.13	1.17	3.33	1.72 No	0.13 Thermal Discharging
TWL073	135	'5803784_/_5803781'		0.77	2.7	3.33	0.13	0.55	3.33	1.72 No	0.13 Thermal Discharging
TWL073	136	'440140972_/_5802866_2'		0.9	2.7	3.33	0.13	1.1	3.33	1.72 No	0.13 Thermal Discharging
TWL073	137	'440140984_/_438067702_2'		0.9	2.7	3.33	0.13	1.17	3.33	1.72 No	0.13 Thermal Discharging
TWL073	138	'91072321_/_91071842_2'		2.2	7.9	10	0.39	3.5	10	5.17 No	0.39 Thermal Discharging
TWL073	139	'4302221153_/_430221150'		0.9	2.63	3.33	0.13	0.55	3.33	1.72 No	0.13 Thermal Discharging
TWL073	140	'5799654_/_91071842_1'		2.2	7.9	10	0.39	2.4	10	5.17 No	0.39 Thermal Discharging
TWL073	141	'5822277_/_43791694'		1.2	5.27	6.67	0.26	0.6	6.67	3.45 No	0.26 Thermal Discharging
TWL073	142	'440141096_/_438067913_2'		0.73	2.63	3.33	0.13	1.17	3.33	1.72 No	0.13 Thermal Discharging
TWL073	143	'5803706_/_5803703'		1.47	5.2	6.67	0.26	1.1	6.67	3.45 No	0.26 Thermal Discharging
TWL073	144	'438067802_/_438067913_1'		0.73	2.57	3.33	0.13	1.17	3.31	1.72 No	0.13 Thermal Discharging
TWL073	145	'440141059_/_438067804_1'		0.73	2.57	3.33	0.13	0.3	3.3	1.72 No	0.13 Thermal Discharging
TWL073	146	'5802856_/_5802866_1'		0.87	2.53	3.33	0.13	0.3	3.33	1.72 No	0.13 Thermal Discharging
TWL073	147	'43786643_/_5803874'		1.4	5.07	6.67	0.26	1.1	6.67	3.45 No	0.26 Thermal Discharging
TWL073	148	'430221169_/_430221166'		0.87	2.53	3.33	0.13	0.55	3.32	1.72 No	0.13 Thermal Discharging
TWL073	149	'5803031_/_5803028'		0.7	2.5	3.33	0.13	0.5	3.33	1.72 No	0.13 Thermal Discharging
TWL073	150	'5803800_/_5803797'		0.77	2.5	3.33	0.13	0.55	3.33	1.72 No	0.13 Thermal Discharging
TWL073	151	'449211765_/_463566068'		2.1	7.5	10	0.39	1	10	5.17 No	0.39 Thermal Discharging
TWL073	152	'449211514_/_449211512'		2.1	7.5	10	0.39	1	10	5.17 No	0.39 Thermal Discharging
TWL073	153	'449211771_/_449211520'		2.1	7.5	10	0.39	1	10	5.17 No	0.39 Thermal Discharging
TWL073	154	'449211777_/_449211528'		2.1	7.5	10	0.39	1	10	5.17 No	0.39 Thermal Discharging
TWL073	155	'449211783_/_449211536'		2.1	7.5	10	0.39	1	10	5.17 No	0.39 Thermal Discharging
TWL073	156	'7416963_/_9310814'		1.13	5	6.67	0.26	0.6	6.67	3.45 No	0.26 Thermal Discharging
TWL073	157	'5803057_/_5803054'		0.7	2.5	3.33	0.13	0.5	3.33	1.72 No	0.13 Thermal Discharging
TWL073	158	'440141134_/_438067924_1'		0.7	2.5	3.33	0.13	1.17	3.23	1.72 No	0.13 Thermal Discharging
TWL073	159	'5803446_/_5803718'		1.4	4.93	6.67	0.26	1.1	6.6	3.45 No	0.26 Thermal Discharging
TWL073	160	'5799667_/_5799664'		2.1	7.4	10	0.39	2.4	10	5.17 No	0.39 Thermal Discharging
TWL073	161	'91072825_/_438067804_2'		0.7	2.47	3.33	0.13	0.3	3.19	1.72 No	0.13 Thermal Discharging
TWL073	162	'8053971_/_8053969_1'		2.1	7.4	10	0.39	1.5	9.98	5.17 No	0.39 Thermal Discharging
TWL073	163	'5802839_/_5802853'		0.83	2.47	3.33	0.13	0.3	3.32	1.72 No	0.13 Thermal Discharging
TWL073	164	'5803813_/_5803810'		0.77	2.43	3.33	0.13	0.55	3.27	1.72 No	0.13 Thermal Discharging
TWL073	165	'5799503_/_5799701'		2.1	7.3	10	0.39	2.4	9.95	5.17 No	0.39 Thermal Discharging
TWL073	166	'449212000_/_449212072'		2.1	7.3	10	0.39	1	9.91	5.17 No	0.39 Thermal Discharging
TWL073	167	'441293169_/_441293206'		0.8	2.4	3.33	0.13	1.13	3.17	1.72 No	0.13 Thermal Discharging
TWL073	168	'449211881_/_449212102'		2.1	7.2	10	0.39	1	9.85	5.17 No	0.39 Thermal Discharging
TWL073	169	'5803044_/_5803041'		0.67	2.4	3.33	0.13	0.5	3.25	1.72 No	0.13 Thermal Discharging
TWL073	170	'449211505_/_7731363_2'		2.1	7.2	10	0.39	1	9.81	5.17 No	0.39 Thermal Discharging
TWL073	171	'5830423_/_7731363_1'		2.1	7.2	10	0.39	1	9.8	5.17 No	0.39 Thermal Discharging
TWL073	172	'8053972_/_8053969_2'		2	7.2	10	0.39	1.5	9.79	5.17 No	0.39 Thermal Discharging
TWL073	173	'43792086_/_5830421'		2.1	7.2	10	0.39	1	9.77	5.17 No	0.39 Thermal Discharging
TWL073	174	'393104034_/_5799684'		2	7.1	10	0.39	2.4	9.71	5.17 No	0.39 Thermal Discharging
TWL073	175	'438067659_/_438067702_1'		0.8	2.37	3.33	0.13	1.17	3.22	1.72 No	0.13 Thermal Discharging
TWL073	176	'5803892_/_5803889'		1.27	4.73	6.67	0.26	1.1	6.4	3.45 No	0.26 Thermal Discharging
TWL073	177	'43786711_/_43786713'		0.7	2.33	3.33	0.13	0.55	3.17	1.72 No	0.13 Thermal Discharging
TWL073	178	'43786569_/_5830441'		2	7	10	0.39	1	9.63	5.17 No	0.39 Thermal Discharging
TWL073	179	'5803070_/_5803067'		0.63	2.33	3.33	0.13	0.5	3.16	1.72 No	0.13 Thermal Discharging
TWL073	180	'5799516_/_5799513'		2	7	10	0.39	2.4	9.57	5.17 No	0.39 Thermal Discharging
TWL073	181	'5803736_/_5803733'		1.27	4.6	6.67	0.26	1.1	6.26	3.45 No	0.26 Thermal Discharging
TWL073	182	'449212149_/_449212046_1'		2	6.9	10	0.39	1.5	9.52	5.17 No	0.39 Thermal Discharging
TWL073	183	'430221209_/_430221206'		0.8	2.3	3.33	0.13	0.55	3.1	1.72 No	0.13 Thermal Discharging
TWL073	184	'441293329_/_441293348'		0.77	2.3	3.33	0.13	1.13	3.06	1.72 No	0.13 Thermal Discharging
TWL073	185	'393104094_/_393104092'		1.9	6.8	10	0.39	2.4	9.43	5.17 No	0.39 Thermal Discharging
TWL073	186	'5802356_/_5802366'		0.63	2.27	3.33	0.13	0.3	3.01	1.72 No	0.13 Thermal Discharging
TWL073	187	'91072242_/_91072268'		0.63	2.27	3.33	0.13	1.17	3.02	1.72 No	0.13 Thermal Discharging
TWL073	188	'43786582_/_5803106'		1.9	6.8	10	0.39	1	9.35	5.17 No	0.39 Thermal Discharging
TWL073	189	'5802827_/_43786416'		0.77	2.23	3.33	0.13	0.3	3.1	1.72 No	0.13 Thermal Discharging
TWL073	190	'5799536_/_5799533'		1.9	6.7	10	0.39	2.4	9.31	5.17 No	0.39 Thermal Discharging
TWL073	191	'5803751_/_5803748'		1.2	4.47	6.67	0.26	1.1	6.08	3.45 No	0.26 Thermal Discharging
TWL073	192	'69650674_/_5803140'		1.9	6.7	10	0.39	1	9.25	5.17 No	0.39 Thermal Discharging
TWL073	193	'5803420_/_5803430'		0.7	2.2	3.33	0.13	0.55	3.01	1.72 No	0.13 Thermal Discharging
TWL073	194	'43786850_/_69650637'		1.9	6.5	10	0.39	1	9.1	5.17 No	0.39 Thermal Discharging
TWL073	195	'43785479_/_5799553'		1.8	6.5	10	0.39	2.4	9.11	5.17 No	0.39 Thermal Discharging
TWL073	196	'430222636_/_430222431_1'		1.9	6.5	10	0.39	1.5	9.06	5.17 No	0.39 Thermal Discharging
TWL073	197	'5803907_/_5803904'		1.2	4.33	6.67	0.26	1.1	5.99	3.45 No	0.26 Thermal Discharging
TWL073	198	'5803600_/_5803763'		1.2	4.33	6.67	0.26	1.1	5.91	3.45 No	0.26 Thermal Discharging
TWL073	199	'5802343_/_5802353'		0.6	2.13	3.33	0.13	0.3	2.89	1.72 No	0.13 Thermal Discharging
TWL073	200	'5802414_/_5802411'		0.6	2.13	3.33	0.13	0.3	2.88	1.72 No	0.13 Thermal Discharging
TWL073	201	'430221229_/_430221226'		0.73	2.13	3.33	0.13	0.55	2.93	1.72 No	0.13 Thermal Discharging
TWL073	202	'43786621_/_5803080'		0.57	2.13	3.33	0.13	0.5	2.95	1.72 No	0.13 Thermal Discharging
TWL073	203	'5802814_/_5802824'		0.73	2.1	3.33	0.13	0.3	2.94	1.72 No	0.13 Thermal Discharging
TWL073	204	'5803922_/_5803919'		0.6	2.1	3.33	0.13	0.55	2.93	1.72 No	0.13 Thermal Discharging
TWL073	205	'5802385_/_5802398'		0.6	2.1	3.33	0.13	0.3	2.83	1.72 No	0.13 Thermal Discharging
TWL073	206	'5803621_/_5803618'		0.6	2.1	3.33	0.13	0.55	2.88	1.72 No	0.13 Thermal Discharging
TWL073	207	'5804104_/_430221246'		0.7	2.07	3.33	0.13	0.55	2.86	1.72 No	0.13 Thermal Discharging
TWL073	208	'5803407_/_5803417'		0.7	2.07	3.33	0.13	0.55	2.87	1.72 No	0.13 Thermal Discharging
TWL073	209	'43786733_/_43786735'		1.13	4.07	6.67	0.26	1.1	5.67	3.45 No	0.26 Thermal Discharging
TWL073	210	'5803935_/_5803932'		0.57	2.03	3.33	0.13	0.55	2.82	1.72 No	0.13 Thermal Discharging
TWL073	211	'5802427_/_5802424'		0.57	2	3.33	0.13	0.3	2.75	1.72 No	0.13 Thermal Discharging
TWL073	212	'438067494_/_438067529'		0.67	2	3.33	0.13	1.13	2.77	1.72 No	0.13 Thermal Discharging
TWL073	213	'5831988_/_5831985'		1.7	6	10	0.39	1	8.48	5.17 No	0.39 Thermal Discharging
TWL073	214	'5802813_/_43786405'		0.67	1.97	3.33	0.13	0.3	2.81	1.72 No	0.13 Thermal Discharging
TWL073	215	'8054431_/_8054429_1'		1.7	6	10	0.39	0.9	8.45	5.17 No	0.39 Thermal Discharging
TWL073	216	'5804116_/_5804114'		0.67	1.97	3.33	0.13	0.55	2.74	1.72 No	0.13 Thermal Discharging
TWL073	217	'5798365_/_5822405'		0.53	1.97	3.33	0.13	0.55	2.75	1.72 No	0.13 Thermal Discharging
TWL073	218	'45374877_/_5803093'		0.53	1.97	3.33	0.13	0.5	2.77	1.72 No	0.13 Thermal Discharging
TWL073	219	'43786897_/_5830644'		0.6	1.97	3.33	0.13	0.55	2.76	1.72 No	0.13 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TWL073	220	'5803634_/5803631'		0.6	1.97	3.33	0.13	0.55	2.74	1.72 No	0.13 Thermal Discharging
TWL073	221	'5803394_/5803404'		0.67	1.97	3.33	0.13	0.55	2.74	1.72 No	0.13 Thermal Discharging
TWL073	222	'5799793_/5802340'		0.53	1.93	3.33	0.13	0.3	2.67	1.72 No	0.13 Thermal Discharging
TWL073	223	'5798378_/5798375'		0.53	1.9	3.33	0.13	0.55	2.69	1.72 No	0.13 Thermal Discharging
TWL073	224	'5832004_/5832002'		1.6	5.7	10	0.39	1	8.16	5.17 No	0.39 Thermal Discharging
TWL073	225	'43786908_/5804127'		0.63	1.9	3.33	0.13	0.55	2.65	1.72 No	0.13 Thermal Discharging
TWL073	226	'5803569_/43786747'		1.07	3.73	6.67	0.26	1.1	5.33	3.45 No	0.26 Thermal Discharging
TWL073	227	'43785150_/5798362'		0.53	1.87	3.33	0.13	0.55	2.65	1.72 No	0.13 Thermal Discharging
TWL073	228	'7730745_/8054429_2'		1.6	5.6	10	0.39	0.9	8.11	5.17 No	0.39 Thermal Discharging
TWL073	229	'5798481_/5798478'		0.53	1.87	3.33	0.13	0.55	2.65	1.72 No	0.13 Thermal Discharging
TWL073	230	'449211393_/438067557_1'		0.63	1.87	3.33	0.13	1.13	2.63	1.72 No	0.13 Thermal Discharging
TWL073	231	'5830660_/5830657'		0.6	1.87	3.33	0.13	0.55	2.67	1.72 No	0.13 Thermal Discharging
TWL073	232	'5799780_/5799790'		0.53	1.87	3.33	0.13	0.3	2.6	1.72 No	0.13 Thermal Discharging
TWL073	233	'449211288_/438067557_2'		0.63	1.87	3.33	0.13	1.13	2.62	1.72 No	0.13 Thermal Discharging
TWL073	234	'7730781_/7730779_1'		0.6	1.87	3.33	0.13	0.5	2.66	1.72 No	0.13 Thermal Discharging
TWL073	235	'5832022_/43792278'		1.6	5.6	10	0.39	1	8.06	5.17 No	0.39 Thermal Discharging
TWL073	236	'449211355_/438067600_1'		0.63	1.87	3.33	0.13	1.13	2.62	1.72 No	0.13 Thermal Discharging
TWL073	237	'7417016_/7417013'		0.6	1.87	3.33	0.13	0.5	2.65	1.72 No	0.13 Thermal Discharging
TWL073	238	'449211419_/449211292_1'		0.6	1.87	3.33	0.13	0.5	2.61	1.72 No	0.13 Thermal Discharging
TWL073	239	'43786700_/5803391'		0.63	1.83	3.33	0.13	0.55	2.63	1.72 No	0.13 Thermal Discharging
TWL073	240	'7730746_/7730743'		1.6	5.5	10	0.39	0.9	7.97	5.17 No	0.39 Thermal Discharging
TWL073	241	'5798391_/5798388'		0.5	1.83	3.33	0.13	0.55	2.59	1.72 No	0.13 Thermal Discharging
TWL073	242	'438067581_/438067600_2'		0.6	1.83	3.33	0.13	1.13	2.57	1.72 No	0.13 Thermal Discharging
TWL073	243	'5798339_/5798349'		0.5	1.8	3.33	0.13	0.55	2.57	1.72 No	0.13 Thermal Discharging
TWL073	244	'5798494_/5798491'		0.5	1.8	3.33	0.13	0.55	2.56	1.72 No	0.13 Thermal Discharging
TWL073	245	'5799490_/5799500'		0.63	1.8	3.33	0.13	0.8	2.54	1.72 No	0.13 Thermal Discharging
TWL073	246	'385693009_/438067500'		0.6	1.8	3.33	0.13	1.13	2.55	1.72 No	0.13 Thermal Discharging
TWL073	247	'5804146_/5804143'		0.6	1.8	3.33	0.13	0.55	2.54	1.72 No	0.13 Thermal Discharging
TWL073	248	'5798436_/5798433'		0.5	1.8	3.33	0.13	0.55	2.55	1.72 No	0.13 Thermal Discharging
TWL073	249	'5803180_/449211292_2'		0.6	1.77	3.33	0.13	0.5	2.53	1.72 No	0.13 Thermal Discharging
TWL073	250	'5803368_/5803378'		0.6	1.77	3.33	0.13	0.55	2.55	1.72 No	0.13 Thermal Discharging
TWL073	251	'43792289_/5832056'		1.5	5.3	10	0.39	1	7.77	5.17 No	0.39 Thermal Discharging
TWL073	252	'5798404_/5798401'		0.5	1.77	3.33	0.13	0.55	2.53	1.72 No	0.13 Thermal Discharging
TWL073	253	'5803553_/5803566'		0.53	1.77	3.33	0.13	0.55	2.54	1.72 No	0.13 Thermal Discharging
TWL073	254	'5799641_/5799651'		0.5	1.77	3.33	0.13	0.8	2.51	1.72 No	0.13 Thermal Discharging
TWL073	255	'43785413_/5799777'		0.5	1.77	3.33	0.13	0.3	2.48	1.72 No	0.13 Thermal Discharging
TWL073	256	'43785183_/5798504'		0.5	1.73	3.33	0.13	0.55	2.5	1.72 No	0.13 Thermal Discharging
TWL073	257	'43785139_/43785141'		0.47	1.73	3.33	0.13	0.55	2.49	1.72 No	0.13 Thermal Discharging
TWL073	258	'5798420_/5798417'		0.47	1.73	3.33	0.13	0.55	2.49	1.72 No	0.13 Thermal Discharging
TWL073	259	'5804174_/5804172'		0.6	1.73	3.33	0.13	0.55	2.48	1.72 No	0.13 Thermal Discharging
TWL073	260	'5803355_/5803365'		0.6	1.73	3.33	0.13	0.55	2.5	1.72 No	0.13 Thermal Discharging
TWL073	261	'43785468_/5799570'		0.6	1.73	3.33	0.13	0.8	2.46	1.72 No	0.13 Thermal Discharging
TWL073	262	'5832059_/43792291'		1.5	5.2	10	0.39	0.9	7.55	5.17 No	0.39 Thermal Discharging
TWL073	263	'5799477_/5799487'		0.6	1.73	3.33	0.13	0.8	2.45	1.72 No	0.13 Thermal Discharging
TWL073	264	'43786488_/5803245'		0.57	1.7	3.33	0.13	0.5	2.44	1.72 No	0.13 Thermal Discharging
TWL073	265	'5804162_/5804159'		0.6	1.7	3.33	0.13	0.55	2.44	1.72 No	0.13 Thermal Discharging
TWL073	266	'7731237_/7731235'		0.57	1.7	3.33	0.13	0.5	2.47	1.72 No	0.13 Thermal Discharging
TWL073	267	'43786510_/5803190'		0.57	1.7	3.33	0.13	0.5	2.43	1.72 No	0.13 Thermal Discharging
TWL073	268	'7730782_/7730779_2'		0.57	1.7	3.33	0.13	0.5	2.46	1.72 No	0.13 Thermal Discharging
TWL073	269	'8366516_/9311002'		1.4	5.1	10	0.39	0.9	7.46	5.17 No	0.39 Thermal Discharging
TWL073	270	'5798520_/43785185'		0.47	1.67	3.33	0.13	0.55	2.42	1.72 No	0.13 Thermal Discharging
TWL073	271	'5798326_/5798336'		0.47	1.67	3.33	0.13	0.55	2.41	1.72 No	0.13 Thermal Discharging
TWL073	272	'43785161_/5798740'		0.47	1.67	3.33	0.13	0.55	2.41	1.72 No	0.13 Thermal Discharging
TWL073	273	'5799573_/43785470'		0.57	1.67	3.33	0.13	0.8	2.39	1.72 No	0.13 Thermal Discharging
TWL073	274	'5803339_/5803352'		0.57	1.67	3.33	0.13	0.55	2.41	1.72 No	0.13 Thermal Discharging
TWL073	275	'8679910_/9310868'		0.57	1.67	3.33	0.13	1.13	2.39	1.72 No	0.13 Thermal Discharging
TWL073	276	'43785424_/5799638'		0.47	1.67	3.33	0.13	0.8	2.38	1.72 No	0.13 Thermal Discharging
TWL073	277	'5804634_/5804632'		0.57	1.67	3.33	0.13	0.8	2.36	1.72 No	0.13 Thermal Discharging
TWL073	278	'43786919_/5831632'		0.57	1.67	3.33	0.13	0.55	2.37	1.72 No	0.13 Thermal Discharging
TWL073	279	'43786722_/43786724'		0.53	1.63	3.33	0.13	0.55	2.39	1.72 No	0.13 Thermal Discharging
TWL073	280	'43785412_/5799761'		0.47	1.63	3.33	0.13	0.3	2.35	1.72 No	0.13 Thermal Discharging
TWL073	281	'43785128_/43785130'		0.47	1.63	3.33	0.13	0.55	2.35	1.72 No	0.13 Thermal Discharging
TWL073	282	'5830547_/5830544'		0.43	1.63	3.33	0.13	0.55	2.34	1.72 No	0.13 Thermal Discharging
TWL073	283	'521603560_/521603526_1'		0.47	1.63	3.33	0.13	0.1	2.32	1.72 No	0.1 Element Fault
TWL073	284	'5803261_/5803258'		0.53	1.63	3.33	0.13	0.5	2.34	1.72 No	0.13 Thermal Discharging
TWL073	285	'43785435_/43785437'		0.57	1.6	3.33	0.13	0.8	2.33	1.72 No	0.13 Thermal Discharging
TWL073	286	'5831651_/5831648'		0.57	1.6	3.33	0.13	0.55	2.33	1.72 No	0.13 Thermal Discharging
TWL073	287	'8366517_/8366514'		1.4	4.8	10	0.39	0.9	7.17	5.17 No	0.39 Thermal Discharging
TWL073	288	'7416964_/7416961'		0.53	1.6	3.33	0.13	0.3	2.34	1.72 No	0.13 Thermal Discharging
TWL073	289	'5798451_/43785163'		0.43	1.6	3.33	0.13	0.55	2.31	1.72 No	0.13 Thermal Discharging
TWL073	290	'5803326_/5803336'		0.53	1.6	3.33	0.13	0.55	2.32	1.72 No	0.13 Thermal Discharging
TWL073	291	'438067620_/438067639'		0.53	1.57	3.33	0.13	1.13	2.3	1.72 No	0.13 Thermal Discharging
TWL073	292	'8679521_/8679908'		0.53	1.57	3.33	0.13	1.13	2.3	1.72 No	0.13 Thermal Discharging
TWL073	293	'521603510_/521603526_2'		0.43	1.57	3.33	0.13	0.1	2.28	1.72 No	0.1 Element Fault
TWL073	294	'43785194_/5830557'		0.43	1.57	3.33	0.13	0.55	2.29	1.72 No	0.13 Thermal Discharging
TWL073	295	'5798297_/5798310'		0.43	1.57	3.33	0.13	0.55	2.29	1.72 No	0.13 Thermal Discharging
TWL073	296	'5803206_/43786512'		0.53	1.57	3.33	0.13	0.5	2.29	1.72 No	0.13 Thermal Discharging
TWL073	297	'447186258_/438067678_1'		0.53	1.57	3.33	0.13	1.17	2.29	1.72 No	0.13 Thermal Discharging
TWL073	298	'243569411_/5831716'		0.53	1.57	3.33	0.13	0.55	2.27	1.72 No	0.13 Thermal Discharging
TWL073	299	'5799615_/5799625'		0.43	1.57	3.33	0.13	0.8	2.27	1.72 No	0.13 Thermal Discharging
TWL073	300	'240701378_/240701246_1'		0.53	1.57	3.33	0.13	0.5	2.27	1.72 No	0.13 Thermal Discharging
TWL073	301	'5803527_/5803537'		0.53	1.57	3.33	0.13	0.55	2.29	1.72 No	0.13 Thermal Discharging
TWL073	302	'43786499_/5803271'		0.5	1.57	3.33	0.13	0.5	2.27	1.72 No	0.13 Thermal Discharging
TWL073	303	'5799451_/5799461'		0.53	1.57	3.33	0.13	0.8	2.26	1.72 No	0.13 Thermal Discharging
TWL073	304	'5803274_/8679386_1'		0.5	1.57	3.33	0.13	0.3	2.26	1.72 No	0.13 Thermal Discharging
TWL073	305	'8992146_/89124824'		0.47	1.57	3.33	0.13	0.3	2.31	1.72 No	0.13 Thermal Discharging
TWL073	306	'5798452_/5798449'		0.43	1.53	3.33	0.13	0.55	2.25	1.72 No	0.13 Thermal Discharging
TWL073	307	'5803222_/5803219'		0.5	1.53	3.33	0.13	0.5	2.23	1.72 No	0.13 Thermal Discharging
TWL073	308	'43786667_/5803323'		0.53	1.53	3.33	0.13	0.55	2.25	1.72 No	0.13 Thermal Discharging
TWL073	309	'5798284_/5798294'		0.43	1.53	3.33	0.13	0.55	2.22	1.72 No	0.13 Thermal Discharging
TWL073	310	'5803514_/5803524'		0.5	1.5	3.33	0.13	0.55	2.22	1.72 No	0.13 Thermal Discharging
TWL073	311	'43785172_/5798462'		0.4	1.5	3.33	0.13	0.55	2.2	1.72 No	0.13 Thermal Discharging
TWL073	312	'8679520_/8679518'		0.5	1.5	3.33	0.13	1.13	2.2	1.72 No	0.13 Thermal Discharging
TWL073	313	'5799602_/5799612'		0.43	1.5	3.33	0.13	0.8	2.18	1.72 No	0.13 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TWL073	314	'5798271_/_5798281'	0.4	1.5	3.33	0.13	0.55	2.18	1.72 No	0.13	Thermal Discharging
TWL073	315	'8679894_/_8679892_1'	0.5	1.47	3.33	0.13	0.3	2.18	1.72 No	0.13	Thermal Discharging
TWL073	316	'441293416_/_8679386_2'	0.5	1.47	3.33	0.13	0.3	2.17	1.72 No	0.13	Thermal Discharging
TWL073	317	'243569628_/_240701246_2'	0.5	1.47	3.33	0.13	0.5	2.16	1.72 No	0.13	Thermal Discharging
TWL073	318	'43785446_/_43785448'	0.5	1.47	3.33	0.13	0.8	2.15	1.72 No	0.13	Thermal Discharging
TWL073	319	'5798465_/_43785174'	0.4	1.47	3.33	0.13	0.3	2.15	1.72 No	0.13	Thermal Discharging
TWL073	320	'5803501_/_5803511'	0.5	1.47	3.33	0.13	0.55	2.16	1.72 No	0.13	Thermal Discharging
TWL073	321	'5803300_/_5803310'	0.5	1.47	3.33	0.13	0.55	2.16	1.72 No	0.13	Thermal Discharging
TWL073	322	'5803235_/_5803232'	0.47	1.47	3.33	0.13	0.5	2.14	1.72 No	0.13	Thermal Discharging
TWL073	323	'5798533_/_43785196'	0.4	1.47	3.33	0.13	0.55	2.14	1.72 No	0.13	Thermal Discharging
TWL073	324	'5799586_/_5799599'	0.4	1.43	3.33	0.13	0.8	2.1	1.72 No	0.13	Thermal Discharging
TWL073	325	'5803299_/_5803297'	0.5	1.4	3.33	0.13	0.55	2.1	1.72 No	0.13	Thermal Discharging
TWL073	326	'5798546_/_5798543'	0.4	1.4	3.33	0.13	0.55	2.07	1.72 No	0.13	Thermal Discharging
TWL073	327	'5799425_/_5799435'	0.47	1.4	3.33	0.13	0.8	2.06	1.72 No	0.13	Thermal Discharging
TWL073	328	'43786678_/_5803498'	0.47	1.4	3.33	0.13	0.55	2.08	1.72 No	0.13	Thermal Discharging
TWL073	329	'43785117_/_43785119'	0.4	1.4	3.33	0.13	0.55	2.05	1.72 No	0.13	Thermal Discharging
TWL073	330	'5799585_/_5799583'	0.4	1.37	3.33	0.13	0.8	2.05	1.72 No	0.13	Thermal Discharging
TWL073	331	'441293489_/_441293526'	0.47	1.37	3.33	0.13	0.3	2.05	1.72 No	0.13	Thermal Discharging
TWL073	332	'240701286_/_240701334'	0.47	1.37	3.33	0.13	0.5	2.02	1.72 No	0.13	Thermal Discharging
TWL073	333	'5803472_/_5803485'	0.43	1.37	3.33	0.13	0.55	2.03	1.72 No	0.13	Thermal Discharging
TWL073	334	'5799409_/_5799422'	0.47	1.33	3.33	0.13	0.8	1.99	1.72 No	0.13	Thermal Discharging
TWL073	335	'8992023_/_8992021'	0.37	1.33	3.33	0.13	0.3	1.99	1.72 No	0.13	Thermal Discharging
TWL073	336	'5798562_/_5798559'	0.37	1.33	3.33	0.13	0.55	1.98	1.72 No	0.13	Thermal Discharging
TWL073	337	'5798245_/_5798255'	0.37	1.33	3.33	0.13	0.55	1.98	1.72 No	0.13	Thermal Discharging
TWL073	338	'5803459_/_5803469'	0.43	1.33	3.33	0.13	0.55	1.99	1.72 No	0.13	Thermal Discharging
TWL073	339	'43785205_/_5798611'	0.37	1.3	3.33	0.13	0.55	1.96	1.72 No	0.13	Thermal Discharging
TWL073	340	'441293397_/_441293508'	0.43	1.3	3.33	0.13	0.3	1.95	1.72 No	0.13	Thermal Discharging
TWL073	341	'109746355_/_109746387'	0.43	1.3	3.33	0.13	0.5	1.94	1.72 No	0.13	Thermal Discharging
TWL073	342	'8679389_/_441293403'	0.43	1.3	3.33	0.13	0.3	1.94	1.72 No	0.13	Thermal Discharging
TWL073	343	'43786689_/_43786691'	0.43	1.3	3.33	0.13	0.55	1.94	1.72 No	0.13	Thermal Discharging
TWL073	344	'5803458_/_8366498_1'	0.43	1.3	3.33	0.13	0.3	1.94	1.72 No	0.13	Thermal Discharging
TWL073	345	'55590146_/_43785459'	0.43	1.27	3.33	0.13	0.8	1.92	1.72 No	0.13	Thermal Discharging
TWL073	346	'5798575_/_5798572'	0.37	1.27	3.33	0.13	0.55	1.92	1.72 No	0.13	Thermal Discharging
TWL073	347	'5798232_/_5798242'	0.37	1.27	3.33	0.13	0.55	1.91	1.72 No	0.13	Thermal Discharging
TWL073	348	'8054050_/_8054047'	0.43	1.27	3.33	0.13	0.5	1.89	1.72 No	0.13	Thermal Discharging
TWL073	349	'5798614_/_43785207'	0.33	1.23	3.33	0.13	0.55	1.86	1.72 No	0.13	Thermal Discharging
TWL073	350	'43785106_/_5798229'	0.33	1.23	3.33	0.13	0.55	1.85	1.72 No	0.13	Thermal Discharging
TWL073	351	'8366501_/_8366498_2'	0.4	1.23	3.33	0.13	0.3	1.85	1.72 No	0.13	Thermal Discharging
TWL073	352	'5798588_/_5798585'	0.33	1.23	3.33	0.13	0.55	1.84	1.72 No	0.13	Thermal Discharging
TWL073	353	'7416980_/_457049316'	0.4	1.2	3.33	0.13	0.3	1.83	1.72 No	0.13	Thermal Discharging
TWL073	354	'8755402_/_8755400'	0.4	1.2	3.33	0.13	0.3	1.81	1.72 No	0.13	Thermal Discharging
TWL073	355	'5798218_/_5798216'	0.33	1.17	3.33	0.13	0.55	1.78	1.72 No	0.13	Thermal Discharging
TWL073	356	'5798601_/_5798598'	0.33	1.17	3.33	0.13	0.55	1.78	1.72 No	0.13	Thermal Discharging
TWL073	357	'7730729_/_8992107'	0.37	1.17	3.33	0.13	0.3	1.76	1.72 No	0.13	Thermal Discharging
TWL073	358	'455487535_/_7416977_1'	0.37	1.13	3.33	0.13	0.3	1.74	1.72 No	0.13	Thermal Discharging
TWL073	359	'5822356_/_5822353'	0.3	1.13	3.33	0.13	0.55	1.73	1.72 No	0.13	Thermal Discharging
TWL073	360	'428085830_/_428085824'	0.3	1.13	3.33	0.13	0.4	1.72	1.72 No	0.13	Thermal Discharging
TWL073	361	'426827832_/_426827796_1'	0.3	1.13	3.33	0.13	0.3	1.71	1.72 No	0.13	Thermal Discharging
TWL073	362	'426827899_/_426827796_2'	0.3	1.07	3.33	0.13	0.2	1.62	1.72 No	0.13	Thermal Discharging
TWL073	363	'5810719_/_426827796_3'	0.3	1.03	3.33	0.13	0.2	1.61	1.72 No	0.13	Thermal Discharging
TWL073	364	'5810720_/_5810717'	0.3	1.03	3.33	0.13	0.2	1.6	1.72 No	0.13	Thermal Discharging
TWL073	365	'5810733_/_5810730'	0.27	1.03	3.33	0.13	0.2	1.58	1.72 No	0.13	Thermal Discharging
TWL073	366	'5798626_/_5822366'	0.27	1.03	3.33	0.13	0.2	1.58	1.72 No	0.13	Thermal Discharging
TWL073	367	'69650255_/_5810785_1'	0.27	1	3.33	0.13	0.2	1.56	1.72 No	0.13	Thermal Discharging
TWL073	368	'5810772_/_5810785_2'	0.27	1	3.33	0.13	0.2	1.55	1.72 No	0.13	Thermal Discharging
TWL073	369	'43785216_/_5798624'	0.27	1	3.33	0.13	0.2	1.54	1.72 No	0.13	Thermal Discharging
TWL073	370	'5810843_/_5810853'	0.27	1	3.33	0.13	0.2	1.53	1.72 No	0.13	Thermal Discharging
TWL073	371	'5810771_/_5810769'	0.27	0.97	3.33	0.13	0.2	1.52	1.72 No	0.13	Thermal Discharging
TWL073	372	'5798643_/_43785218'	0.27	0.97	3.33	0.13	0.2	1.52	1.72 No	0.13	Thermal Discharging
TWL073	373	'5810830_/_5810840'	0.27	0.97	3.33	0.13	0.2	1.5	1.72 No	0.13	Thermal Discharging
TWL073	374	'5798659_/_5798656'	0.27	0.97	3.33	0.13	0.2	1.49	1.72 No	0.13	Thermal Discharging
TWL073	375	'5810814_/_5810827'	0.27	0.93	3.33	0.13	0.2	1.46	1.72 No	0.13	Thermal Discharging
TWL073	376	'5810801_/_5810811'	0.27	0.93	3.33	0.13	0.2	1.44	1.72 No	0.13	Thermal Discharging
TWL073	377	'5810800_/_43788678'	0.23	0.9	3.33	0.13	0.2	1.41	1.72 No	0.13	Thermal Discharging
TWL074	0	'TWL074_/_8053647'	10	10	10	1.72	10	10	10 No	1.72	Thermal Discharging
TWL074	1	'8053390_/_8053647'	10	10	10	1.72	10	10	3.74 No	1.72	Thermal Discharging
TWL074	2	'8053389_/_8053387'	10	10	10	1.72	10	10	3.74 No	1.72	Thermal Discharging
TWL074	3	'7730217_/_8678922'	10	10	10	1.72	10	10	3.74 No	1.72	Thermal Discharging
TWL074	4	'7730218_/_7730215'	10	10	10	1.72	10	10	3.74 No	1.72	Thermal Discharging
TWL074	5	'7730238_/_7730235'	10	10	10	1.72	10	10	3.74 No	1.72	Thermal Discharging
TWL074	6	'9309906_/_9622553'	10	10	10	1.72	10	10	3.74 No	1.72	Thermal Discharging
TWL074	7	'7788857_/_9309904'	10	10	10	1.72	10	10	3.74 No	1.72	Thermal Discharging
TWL074	8	'7788858_/_7788855'	10	10	10	1.72	10	10	3.74 No	1.72	Thermal Discharging
TWL074	9	'8035383_/_8976501'	10	10	10	1.72	10	10	3.74 No	1.72	Thermal Discharging
TWL074	10	'8035384_/_8035381'	10	10	10	1.72	10	10	3.74 No	1.72	Thermal Discharging
TWL074	11	'7398985_/_9289885'	10	10	10	1.72	10	10	3.74 No	1.72	Thermal Discharging
TWL074	12	'564697248_/_564697254'	10	10	10	1.72	10	10	3.74 No	1.72	Thermal Discharging
TWL074	13	'564697105_/_564697316'	10	10	10	1.72	10	10	3.74 No	1.72	Thermal Discharging
TWL074	14	'564696990_/_564696414'	10	10	10	1.72	10	10	3.74 No	1.72	Thermal Discharging
TWL074	15	'564697113_/_564696426'	10	10	10	1.72	5.2	10	3.74 No	1.72	Thermal Discharging
TWL074	16	'564697109_/_564696420'	10	10	10	1.72	4.7	10	3.74 No	1.72	Thermal Discharging
TWL074	17	'564697101_/_564696408'	10	10	10	1.72	10	10	3.74 No	1.72	Thermal Discharging
TWL074	18	'7398984_/_564697337'	10	10	10	1.72	10	10	3.74 No	1.72	Thermal Discharging
TWL074	19	'7712976_/_9604379'	10	10	10	1.72	10	10	3.74 No	1.72	Thermal Discharging
TWL074	20	'564697184_/_564697213'	10	10	10	1.72	5.2	10	3.74 No	1.72	Thermal Discharging
TWL074	21	'547614230_/_564697188'	10	10	10	1.72	5.2	10	3.74 No	1.72	Thermal Discharging
TWL074	22	'7712975_/_7712973'	9.8	10	10	1.72	10	10	3.74 No	1.72	Thermal Discharging
TWL074	23	'547614261_/_547614234'	6.2	6.67	6.67	1.14	3.47	6.67	3.74 No	1.14	Thermal Discharging
TWL074	24	'8419047_/_8976401'	9.3	10	10	1.72	10	10	3.74 No	1.72	Thermal Discharging
TWL074	25	'503784253_/_503784353'	9.3	10	10	1.72	10	10	3.74 No	1.72	Thermal Discharging
TWL074	26	'503784074_/_503784077'	9.3	10	10	1.72	10	10	3.74 No	1.72	Thermal Discharging
TWL074	27	'503784249_/_503784071'	9.3	10	10	1.72	10	10	3.74 No	1.72	Thermal Discharging
TWL074	28	'503784261_/_503784089'	9.3	10	10	1.72	4.7	10	3.74 No	1.72	Thermal Discharging
TWL074	29	'503784257_/_503784083'	9.3	10	10	1.72	4.7	10	3.74 No	1.72	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over- Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TWL074	30	'547614034___/547614290'		3.33	3.33	3.33	0.57	1.5	3.33	1.25 No	0.57 Thermal Discharging
TWL074	31	'547614033___/547614031'		3.33	3.33	3.33	0.57	1.5	3.33	1.25 No	0.57 Thermal Discharging
TWL074	32	'547614046___/547614043'		3.33	3.33	3.33	0.57	1.5	3.33	1.25 No	0.57 Thermal Discharging
TWL074	33	'547614052___/547614049'		3.33	3.33	3.33	0.57	1.5	3.33	1.25 No	0.57 Thermal Discharging
TWL074	34	'547614040___/547614037'		3.33	3.33	3.33	0.57	1.5	3.33	1.25 No	0.57 Thermal Discharging
TWL074	35	'504064675___/504063207'		8.4	10	10	1.72	4.7	10	3.74 No	1.72 Thermal Discharging
TWL074	36	'5424835___/547614265'		8.1	10	10	1.72	5.2	10	3.74 No	1.72 Thermal Discharging
TWL074	37	'571412532___/7091059_2'		8.1	10	10	1.72	5.2	10	3.74 No	1.72 Thermal Discharging
TWL074	38	'504064822___/504064679'		5.53	6.67	6.67	1.14	3.13	6.67	2.49 No	1.14 Thermal Discharging
TWL074	39	'5786666___/7091059_1'		7.7	10	10	1.72	5.2	10	3.74 No	1.72 Thermal Discharging
TWL074	40	'580145686___/504063571_2'		7.8	10	10	1.72	4.7	10	3.74 No	1.72 Thermal Discharging
TWL074	41	'5764084___/504063571_1'		7.8	10	10	1.72	0.9	10	3.74 No	0.9 Element Fault
TWL074	42	'5424852___/7091076'		7.4	10	10	1.72	5.2	10	3.74 No	1.72 Thermal Discharging
TWL074	43	'8995412___/504064826'		7.6	10	10	1.72	4.7	10	3.74 No	1.72 Thermal Discharging
TWL074	44	'5764055___/5786663_2'		7.4	10	10	1.72	5.2	10	3.74 No	1.72 Thermal Discharging
TWL074	45	'43779440___/5786663_1'		7.4	10	10	1.72	5.2	10	3.74 No	1.72 Thermal Discharging
TWL074	46	'43711156___/5424850'		7.2	10	10	1.72	5.2	10	3.74 No	1.72 Thermal Discharging
TWL074	47	'504064759___/504064734_1'		2.8	3.33	3.33	0.57	0.5	3.33	1.25 No	0.5 Element Fault
TWL074	48	'5424795___/5424867'		7	10	10	1.72	5.2	10	3.74 No	1.72 Thermal Discharging
TWL074	49	'5764476___/504064734_2'		2.37	3.33	3.33	0.57	0.5	3.33	1.25 No	0.5 Element Fault
TWL074	50	'5424796___/5424793'		6.8	10	10	1.72	5.2	10	3.74 No	1.72 Thermal Discharging
TWL074	51	'547613560___/504064851_2'		2.37	3.33	3.33	0.57	0.5	3.33	1.25 No	0.5 Element Fault
TWL074	52	'5422076___/5424810'		6.8	10	10	1.72	5.2	10	3.74 No	1.72 Thermal Discharging
TWL074	53	'5433455___/5433452'		6.5	10	10	1.72	5.2	10	3.74 No	1.72 Thermal Discharging
TWL074	54	'5786646___/7091039'		6.5	10	10	1.72	5.2	10	3.74 No	1.72 Thermal Discharging
TWL074	55	'503783565___/503784302'		6.9	10	10	1.72	10	10	3.74 No	1.72 Thermal Discharging
TWL074	56	'503783440___/503783443'		6.9	10	10	1.72	10	10	3.74 No	1.72 Thermal Discharging
TWL074	57	'503783569___/503783449'		6.9	10	10	1.72	4.7	10	3.74 No	1.72 Thermal Discharging
TWL074	58	'503783573___/503783455'		6.9	10	10	1.72	4.8	10	3.74 No	1.72 Thermal Discharging
TWL074	59	'503783561___/503783437'		6.9	10	10	1.72	10	10	3.74 No	1.72 Thermal Discharging
TWL074	60	'503784645___/504063012'		4.4	6.67	6.67	1.14	3.13	6.67	2.49 No	1.14 Thermal Discharging
TWL074	61	'5763627___/5786643'		6.3	10	10	1.72	5.2	10	3.74 No	1.72 Thermal Discharging
TWL074	62	'8365412___/504063230'		6.4	10	10	1.72	4.7	10	3.74 No	1.72 Thermal Discharging
TWL074	63	'5784492___/5787021'		6.3	10	10	1.72	5.2	10	3.74 No	1.72 Thermal Discharging
TWL074	64	'504063008___/503784426'		6.6	10	10	1.72	4.7	10	3.74 No	1.72 Thermal Discharging
TWL074	65	'43779313___/504063145'		6.6	10	10	1.72	4.8	10	3.74 No	1.72 Thermal Discharging
TWL074	66	'504063194___/5786814_2'		6.5	10	10	1.72	4.8	10	3.74 No	1.72 Thermal Discharging
TWL074	67	'5791281___/5791278'		6	10	10	1.72	5.2	10	3.74 No	1.72 Thermal Discharging
TWL074	68	'5764433___/5786814_1'		6.4	10	10	1.72	1.5	10	3.74 No	1.5 Element Fault
TWL074	69	'5764348___/459274148'		6.3	10	10	1.72	1.5	10	3.74 No	1.5 Element Fault
TWL074	70	'5764083___/5764081'		6	10	10	1.72	0.9	10	3.74 No	0.9 Element Fault
TWL074	71	'5784790___/5791332'		5.8	10	10	1.72	5.2	10	3.74 No	1.72 Thermal Discharging
TWL074	72	'5764404___/5764402_1'		2.07	3.33	3.33	0.57	0.3	3.33	1.25 No	0.3 Element Fault
TWL074	73	'5422077___/5422987_1'		1.97	3.33	3.33	0.57	0.5	3.33	1.25 No	0.5 Element Fault
TWL074	74	'5764331___/459274177_2'		6.1	10	10	1.72	1.5	10	3.74 No	1.5 Element Fault
TWL074	75	'5784791___/5784932_1'		5.8	10	10	1.72	1.5	10	3.74 No	1.5 Element Fault
TWL074	76	'5764298___/5786774'		6	10	10	1.72	1.5	10	3.74 No	1.5 Element Fault
TWL074	77	'580145421___/7138586_1'		2	3.33	3.33	0.57	0.3	3.33	1.25 No	0.3 Element Fault
TWL074	78	'5791301___/5791315'		5.7	10	10	1.72	5.2	10	3.74 No	1.72 Thermal Discharging
TWL074	79	'504063922___/504063972'		1.87	3.33	3.33	0.57	1.4	3.33	1.25 No	0.57 Thermal Discharging
TWL074	80	'5764242___/7138586_2'		2	3.33	3.33	0.57	0.3	3.33	1.25 No	0.3 Element Fault
TWL074	81	'5764460___/5764473'		1.9	3.33	3.33	0.57	0.5	3.33	1.25 No	0.5 Element Fault
TWL074	82	'5763580___/5763594'		5.6	10	10	1.72	3.8	10	3.74 No	1.72 Thermal Discharging
TWL074	83	'5791263___/5791298'		5.5	10	10	1.72	5.2	10	3.74 No	1.72 Thermal Discharging
TWL074	84	'503783197___/503783614'		5.9	10	10	1.72	10	10	3.74 No	1.72 Thermal Discharging
TWL074	85	'503782850___/503782865'		5.9	10	10	1.72	10	10	3.74 No	1.72 Thermal Discharging
TWL074	86	'503783185___/503782847'		5.9	10	10	1.72	4.8	10	3.74 No	1.72 Thermal Discharging
TWL074	87	'503783193___/503782859'		5.9	10	10	1.72	10	10	3.74 No	1.72 Thermal Discharging
TWL074	88	'503783189___/503782853'		5.9	10	10	1.72	10	10	3.74 No	1.72 Thermal Discharging
TWL074	89	'43784485___/5784932_2'		5.4	10	10	1.72	1.5	10	3.74 No	1.5 Element Fault
TWL074	90	'685044793___/685044821'		5.9	10	10	1.72	10	10	3.74 No	1.72 Thermal Discharging
TWL074	91	'5764314___/459274177_1'		5.8	10	10	1.72	0.9	10	3.74 No	0.9 Element Fault
TWL074	92	'685044699___/685044742'		5.9	10	10	1.72	10	10	3.74 No	1.72 Thermal Discharging
TWL074	93	'5791246___/5791261'		5.4	10	10	1.72	5.2	10	3.74 No	1.72 Thermal Discharging
TWL074	94	'5764405___/5764402_2'		1.9	3.33	3.33	0.57	0.3	3.33	1.25 No	0.3 Element Fault
TWL074	95	'43779339___/5764240'		1.93	3.33	3.33	0.57	0.3	3.33	1.25 No	0.3 Element Fault
TWL074	96	'671975897___/685044708'		5.9	10	10	1.72	10	10	3.74 No	1.72 Thermal Discharging
TWL074	97	'69350673___/503784649'		5.7	10	10	1.72	4.7	10	3.74 No	1.72 Thermal Discharging
TWL074	98	'671975870___/671975914'		5.7	10	10	1.72	10	10	3.74 No	1.72 Thermal Discharging
TWL074	99	'Node_6698152022___/671975878_2'		5.7	10	10	1.72	10	10	3.74 No	1.72 Thermal Discharging
TWL074	100	'5774832___/5791244'		5.2	10	10	1.72	5.2	10	3.74 No	1.72 Thermal Discharging
TWL074	101	'5774833___/5774830'		5.2	10	10	1.72	5.2	10	3.74 No	1.72 Thermal Discharging
TWL074	102	'5764256___/5764253'		1.87	3.33	3.33	0.57	0.3	3.33	1.25 No	0.3 Element Fault
TWL074	103	'5403194___/5422987_2'		1.77	3.33	3.33	0.57	0.5	3.33	1.25 No	0.5 Element Fault
TWL074	104	'5784463___/5784461_1'		1.77	3.33	3.33	0.57	0.5	3.33	1.25 No	0.5 Element Fault
TWL074	105	'504063039___/504063055'		1.87	3.33	3.33	0.57	1.4	3.33	1.25 No	0.57 Thermal Discharging
TWL074	106	'5774850___/5774847'		5.1	10	10	1.72	5.2	10	3.74 No	1.72 Thermal Discharging
TWL074	107	'5764313___/5764311'		5.4	10	10	1.72	0.9	10	3.74 No	0.9 Element Fault
TWL074	108	'5774867___/5774864'		5	10	10	1.72	5.2	10	3.74 No	1.72 Thermal Discharging
TWL074	109	'5764272___/5764269'		1.8	3.33	3.33	0.57	0.3	3.33	1.25 No	0.3 Element Fault
TWL074	110	'5764459___/5764457'		1.7	3.33	3.33	0.57	0.5	3.33	1.25 No	0.5 Element Fault
TWL074	111	'671977028___/671977085'		5.3	10	10	1.72	4.8	10	3.74 No	1.72 Thermal Discharging
TWL074	112	'5764285___/43779352'		1.77	3.33	3.33	0.57	0.3	3.33	1.25 No	0.3 Element Fault
TWL074	113	'5784464___/5784461_2'		1.7	3.33	3.33	0.57	0.5	3.33	1.25 No	0.5 Element Fault
TWL074	114	'43784393___/5775020'		4.9	10	10	1.72	5.2	10	3.74 No	1.72 Thermal Discharging
TWL074	115	'43779439___/5764052'		1.67	3.33	3.33	0.57	1.1	3.33	1.25 No	0.57 Thermal Discharging
TWL074	116	'5793869___/5793866_2'		1.67	3.33	3.33	0.57	1.1	3.33	1.25 No	0.57 Thermal Discharging
TWL074	117	'5784806___/5784803'		4.8	10	10	1.72	1.5	10	3.74 No	1.5 Element Fault
TWL074	118	'5774884___/5774881'		4.8	10	10	1.72	5.2	10	3.74 No	1.72 Thermal Discharging
TWL074	119	'5793840___/5793866_1'		1.63	3.33	3.33	0.57	0.5	3.33	1.25 No	0.5 Element Fault
TWL074	120	'5774901___/5774898'		4.7	10	10	1.72	5.2	10	3.74 No	1.72 Thermal Discharging
TWL074	121	'5403211___/5403208'		1.6	3.33	3.33	0.57	0.5	3.33	1.25 No	0.5 Element Fault
TWL074	122	'5764156___/5764166'		1.67	3.33	3.33	0.57	0.5	3.33	1.25 No	0.5 Element Fault
TWL074	123	'5774918___/5774915'		4.6	10	10	1.72	5.2	10	3.74 No	1.72 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TWL074	124	'5763560_/_5763577'		4.6	10	10	1.72	3.8	10	3.74 No	1.72 Thermal Discharging
TWL074	125	'43785025_/_5797084'		4.5	10	10	1.72	5.2	10	3.74 No	1.72 Thermal Discharging
TWL074	126	'5784821_/_5784818'		4.4	10	10	1.72	1.5	10	3.74 No	1.5 Element Fault
TWL074	127	'5784477_/_5784474'		1.5	3.33	3.33	0.57	0.5	3.33	1.25 No	0.5 Element Fault
TWL074	128	'43779361_/_5764415'		1.57	3.33	3.33	0.57	0.3	3.33	1.25 No	0.3 Element Fault
TWL074	129	'5774934_/_5797067'		4.4	10	10	1.72	5.2	10	3.74 No	1.72 Thermal Discharging
TWL074	130	'43779300_/_43779302'		4.6	10	10	1.72	0.9	10	3.74 No	0.9 Element Fault
TWL074	131	'9309118_/_671977042'		3.2	6.67	6.67	1.14	2.9	6.67	2.49 No	1.14 Thermal Discharging
TWL074	132	'504064359_/_504063812'		4.4	10	10	1.72	4.7	10	3.74 No	1.72 Thermal Discharging
TWL074	133	'504064324_/_504064367'		2.93	6.67	6.67	1.14	3.13	6.67	2.49 No	1.14 Thermal Discharging
TWL074	134	'5774935_/_5774932'		4.3	10	10	1.72	5.2	10	3.74 No	1.72 Thermal Discharging
TWL074	135	'5793841_/_5793838'		1.47	3.33	3.33	0.57	0.5	3.33	1.25 No	0.5 Element Fault
TWL074	136	'5764214_/_5764224'		1.53	3.33	3.33	0.57	0.5	3.33	1.25 No	0.5 Element Fault
TWL074	137	'5774952_/_5774949'		4.2	10	10	1.72	5.2	10	3.74 No	1.72 Thermal Discharging
TWL074	138	'5764367_/_5764365'		4.3	10	10	1.72	0.9	10	3.74 No	0.9 Element Fault
TWL074	139	'43784406_/_5775003'		4.1	10	10	1.72	5.2	10	3.74 No	1.72 Thermal Discharging
TWL074	140	'5403195_/_5403192'		1.37	3.33	3.33	0.57	0.5	3.33	1.25 No	0.5 Element Fault
TWL074	141	'5793765_/_5793748'		4	10	10	1.72	1.5	10	3.74 No	1.5 Element Fault
TWL074	142	'5774969_/_5774966'		4	10	10	1.72	5.2	10	3.74 No	1.72 Thermal Discharging
TWL074	143	'671976998_/_671977012'		2.87	6.67	6.67	1.14	2.9	6.67	2.49 No	1.14 Thermal Discharging
TWL074	144	'5763559_/_5763557'		4	10	10	1.72	3.8	10	3.74 No	1.72 Thermal Discharging
TWL074	145	'5774986_/_5774983'		3.9	10	10	1.72	5.2	10	3.74 No	1.72 Thermal Discharging
TWL074	146	'5763613_/_43779431_2'		1.37	3.33	3.33	0.57	1.1	3.33	1.25 No	0.57 Thermal Discharging
TWL074	147	'5764909_/_5764906'		4.1	10	10	1.72	0.9	10	3.74 No	0.9 Element Fault
TWL074	148	'43779289_/_5764977'		1.33	3.33	3.33	0.57	0.3	3.33	1.25 No	0.3 Element Fault
TWL074	149	'5764143_/_5764153'		1.33	3.33	3.33	0.57	0.5	3.33	1.25 No	0.5 Element Fault
TWL074	150	'671975841_/_671975878_1'		4.4	10	10	1.72	10	10	3.74 No	1.72 Thermal Discharging
TWL074	151	'5784700_/_5784723_1'		1.27	3.33	3.33	0.57	0.5	3.33	1.25 No	0.5 Element Fault
TWL074	152	'5764213_/_5764211'		1.33	3.33	3.33	0.57	0.5	3.33	1.25 No	0.5 Element Fault
TWL074	153	'5784835_/_5793763'		3.6	10	10	1.72	1.5	10	3.74 No	1.5 Element Fault
TWL074	154	'43779366_/_43779363'		1.27	3.33	3.33	0.57	0.3	3.33	1.25 No	0.3 Element Fault
TWL074	155	'504064410_/_504064441'		1.23	3.33	3.33	0.57	1.4	3.33	1.25 No	0.57 Thermal Discharging
TWL074	156	'5764021_/_5764035'		3.7	10	10	1.72	3.8	10	3.74 No	1.72 Thermal Discharging
TWL074	157	'580144846_/_580144850'		2.4	6.67	6.67	1.14	3.13	6.67	2.49 No	1.14 Thermal Discharging
TWL074	158	'9621919_/_671976969'		3.8	10	10	1.72	4.35	10	3.74 No	1.72 Thermal Discharging
TWL074	159	'580145072_/_504064332'		3.6	10	10	1.72	4.7	10	3.74 No	1.72 Thermal Discharging
TWL074	160	'5764926_/_5764923'		3.7	10	10	1.72	0.9	10	3.74 No	0.9 Element Fault
TWL074	161	'5764980_/_43779291'		1.23	3.33	3.33	0.57	0.3	3.33	1.25 No	0.3 Element Fault
TWL074	162	'5403224_/_5403221'		1.2	3.33	3.33	0.57	0.5	3.33	1.25 No	0.5 Element Fault
TWL074	163	'5764185_/_5764182'		1.23	3.33	3.33	0.57	0.5	3.33	1.25 No	0.5 Element Fault
TWL074	164	'5784836_/_5784833'		3.4	10	10	1.72	1.5	10	3.74 No	1.5 Element Fault
TWL074	165	'43779429_/_43779431_1'		1.2	3.33	3.33	0.57	0.5	3.33	1.25 No	0.5 Element Fault
TWL074	166	'5784726_/_5784723_2'		1.13	3.33	3.33	0.57	0.5	3.33	1.25 No	0.5 Element Fault
TWL074	167	'671975822_/_671975849'		4	10	10	1.72	10	10	3.74 No	1.72 Thermal Discharging
TWL074	168	'114818177_/_8745136_2'		4	10	10	1.72	10	10	3.74 No	1.72 Thermal Discharging
TWL074	169	'7795336_/_8745136_1'		4	10	10	1.72	10	10	3.74 No	1.72 Thermal Discharging
TWL074	170	'5764943_/_5764940'		3.4	10	10	1.72	0.9	10	3.74 No	0.9 Element Fault
TWL074	171	'5764020_/_5764018'		3.3	10	10	1.72	3.8	10	3.74 No	1.72 Thermal Discharging
TWL074	172	'5764201_/_5764198'		1.13	3.33	3.33	0.57	0.5	3.33	1.25 No	0.5 Element Fault
TWL074	173	'43711435_/_7095735'		1.07	3.33	3.33	0.57	0.5	3.33	1.25 No	0.5 Element Fault
TWL074	174	'5764130_/_5764140'		1.13	3.3	3.33	0.57	0.5	3.33	1.25 No	0.5 Element Fault
TWL074	175	'43784419_/_43784421'		1.13	3.27	3.33	0.57	1	3.33	1.25 No	0.57 Thermal Discharging
TWL074	176	'5784953_/_5784950'		3	9.8	10	1.72	1.5	10	3.74 No	1.5 Element Fault
TWL074	177	'5785444_/_5785441_2'		1.1	3.2	3.33	0.57	1	3.33	1.25 No	0.57 Thermal Discharging
TWL074	178	'43779276_/_5764960'		3.2	9.6	10	1.72	0.9	10	3.74 No	0.9 Element Fault
TWL074	179	'455993392_/_5793778'		1.03	3.2	3.33	0.57	0.5	3.33	1.25 No	0.5 Element Fault
TWL074	180	'5763848_/_5763975'		1.07	3.2	3.33	0.57	0.5	3.33	1.25 No	0.5 Element Fault
TWL074	181	'38051695_/_671975978'		3.7	9.5	10	1.72	10	10	3.74 No	1.72 Thermal Discharging
TWL074	182	'404691697_/_38051693'		3.7	9.5	10	1.72	10	10	3.74 No	1.72 Thermal Discharging
TWL074	183	'38051775_/_38051779'		3.7	9.5	10	1.72	10	10	3.74 No	1.72 Thermal Discharging
TWL074	184	'38051704_/_71669290'		3.7	9.5	10	1.72	10	10	3.74 No	1.72 Thermal Discharging
TWL074	185	'7659423_/_671976956'		3.2	9.5	10	1.72	4.35	10	3.74 No	1.72 Thermal Discharging
TWL074	186	'38051733_/_9686940'		3.6	9.2	10	1.72	5.5	10	3.74 No	1.72 Thermal Discharging
TWL074	187	'38051718_/_38051737'		3.6	9.2	10	1.72	5.5	10	3.74 No	1.72 Thermal Discharging
TWL074	188	'38051747_/_38051744'		1.2	3.07	3.33	0.57	1.83	3.33	1.25 No	0.57 Thermal Discharging
TWL074	189	'38051719_/_38051716'		3.6	9.2	10	1.72	5.5	10	3.74 No	1.72 Thermal Discharging
TWL074	190	'5764117_/_5764127'		1.03	3.07	3.33	0.57	0.5	3.33	1.25 No	0.5 Element Fault
TWL074	191	'5784738_/_5784736'		0.97	3.07	3.33	0.57	0.5	3.33	1.25 No	0.5 Element Fault
TWL074	192	'5764963_/_43779278'		3	9.1	10	1.72	0.9	10	3.74 No	0.9 Element Fault
TWL074	193	'39418398_/_9689758'		3.5	9	10	1.72	10	10	3.74 No	1.72 Thermal Discharging
TWL074	194	'404692534_/_71669246'		3.5	9	10	1.72	10	10	3.74 No	1.72 Thermal Discharging
TWL074	195	'38724804_/_71669207'		3.5	9	10	1.72	4.7	10	3.74 No	1.72 Thermal Discharging
TWL074	196	'39418386_/_71669194'		3.5	9	10	1.72	10	10	3.74 No	1.72 Thermal Discharging
TWL074	197	'39418420_/_71669233'		3.5	9	10	1.72	10	10	3.74 No	1.72 Thermal Discharging
TWL074	198	'5785431_/_5785441_1'		1.03	3	3.33	0.57	0.5	3.33	1.25 No	0.5 Element Fault
TWL074	199	'5784854_/_5784851'		0.97	3	3.33	0.57	0.5	3.33	1.25 No	0.5 Element Fault
TWL074	200	'43784905_/_43784907'		2.9	8.9	10	1.72	3.8	10	3.74 No	1.72 Thermal Discharging
TWL074	201	'114818059_/_8428126_2'		3.5	8.8	10	1.72	10	10	3.74 No	1.72 Thermal Discharging
TWL074	202	'7135789_/_8428126_1'		3.5	8.8	10	1.72	10	10	3.74 No	1.72 Thermal Discharging
TWL074	203	'39432425_/_9378060'		3.5	8.8	10	1.72	4.7	10	3.74 No	1.72 Thermal Discharging
TWL074	204	'38010993_/_38010991'		3.5	8.8	10	1.72	4.7	10	3.74 No	1.72 Thermal Discharging
TWL074	205	'39432418_/_38010998'		3.5	8.8	10	1.72	4.7	10	3.74 No	1.72 Thermal Discharging
TWL074	206	'39432432_/_71669268'		3.5	8.8	10	1.72	4.7	10	3.74 No	1.72 Thermal Discharging
TWL074	207	'404691864_/_404691861'		3.5	8.8	10	1.72	4.7	10	3.74 No	1.72 Thermal Discharging
TWL074	208	'5757215_/_7135804'		3.5	8.7	10	1.72	10	10	3.74 No	1.72 Thermal Discharging
TWL074	209	'7414994_/_9308752_1'		3.5	8.7	10	1.72	1.7	10	3.74 No	1.7 Element Fault
TWL074	210	'580144812_/_580145104'		0.93	2.87	3.33	0.57	1.57	3.33	1.25 No	0.57 Thermal Discharging
TWL074	211	'5757216_/_5757213'		3.4	8.6	10	1.72	10	10	3.74 No	1.72 Thermal Discharging
TWL074	212	'5763835_/_5763845'		0.93	2.83	3.33	0.57	0.5	3.33	1.25 No	0.5 Element Fault
TWL074	213	'5757233_/_5757230'		3.4	8.5	10	1.72	10	10	3.74 No	1.72 Thermal Discharging
TWL074	214	'8052117_/_8052135_2'		3.4	8.5	10	1.72	5.4	10	3.74 No	1.72 Thermal Discharging
TWL074	215	'5793797_/_5793794'		2.6	8.5	10	1.72	1.5	10	3.74 No	1.5 Element Fault
TWL074	216	'449808323_/_5785561'		0.9	2.8	3.33	0.57	0.5	3.33	1.25 No	0.5 Element Fault
TWL074	217	'5757250_/_5757247'		3.4	8.4	10	1.72	10	10	3.74 No	1.72 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TWL074	218	'9377911_/_9377908'	1.1	2.8	3.33	0.57	1.8	3.33	1.25	No	0.57 Thermal Discharging
TWL074	219	'9308755_/_9308752_2'	3.3	8.4	10	1.72	1.7	10	3.74	No	1.7 Element Fault
TWL074	220	'5757267_/_5757264'	3.3	8.3	10	1.72	10	10	3.74	No	1.72 Thermal Discharging
TWL074	221	'5757199_/_5757281'	3.3	8.2	10	1.72	10	10	3.74	No	1.72 Thermal Discharging
TWL074	222	'5757370_/_5757367_1'	1.1	2.73	3.33	0.57	0.5	3.33	1.25	No	0.5 Element Fault
TWL074	223	'5757340_/_5757338_1'	1.1	2.77	3.33	0.57	0.5	3.33	1.25	No	0.5 Element Fault
TWL074	224	'5757182_/_5757196'	3.3	8.2	10	1.72	10	10	3.74	No	1.72 Thermal Discharging
TWL074	225	'43779232_/_5764114'	0.93	2.73	3.33	0.57	0.5	3.33	1.25	No	0.5 Element Fault
TWL074	226	'8365101_/_9621569_1'	3.3	8.2	10	1.72	1.9	10	3.74	No	1.72 Thermal Discharging
TWL074	227	'5757124_/_5757179'	3.2	8.1	10	1.72	10	10	3.74	No	1.72 Thermal Discharging
TWL074	228	'671976628_/_671976933'	2.7	8.1	10	1.72	4.35	10	3.74	No	1.72 Thermal Discharging
TWL074	229	'671976621_/_671976625'	2.7	8.1	10	1.72	4.35	10	3.74	No	1.72 Thermal Discharging
TWL074	230	'671976634_/_671976631'	2.7	8.1	10	1.72	4.35	10	3.74	No	1.72 Thermal Discharging
TWL074	231	'671976622_/_671976619'	2.7	8.1	10	1.72	4.35	10	3.74	No	1.72 Thermal Discharging
TWL074	232	'43777565_/_5757367_2'	1.07	2.7	3.33	0.57	0.5	3.33	1.25	No	0.5 Element Fault
TWL074	233	'685044328_/_685044253_1'	2.7	8.1	10	1.72	1.5	10	3.74	No	1.5 Element Fault
TWL074	234	'5784867_/_5784864'	0.87	2.7	3.33	0.57	0.5	3.33	1.25	No	0.5 Element Fault
TWL074	235	'5748184_/_5757122'	3.2	8	10	1.72	10	10	3.74	No	1.72 Thermal Discharging
TWL074	236	'685044280_/_685044253_2'	2.7	8	10	1.72	1.5	10	3.74	No	1.5 Element Fault
TWL074	237	'5785430_/_5785428'	0.93	2.67	3.33	0.57	0.5	3.33	1.25	No	0.5 Element Fault
TWL074	238	'5764004_/_5794377'	2.6	8	10	1.72	3.8	10	3.74	No	1.72 Thermal Discharging
TWL074	239	'5740976_/_5748182'	3.2	7.9	10	1.72	10	10	3.74	No	1.72 Thermal Discharging
TWL074	240	'7484832_/_9689778'	3	7.9	10	1.72	5.5	10	3.74	No	1.72 Thermal Discharging
TWL074	241	'43777576_/_5757338_2'	1.07	2.63	3.33	0.57	0.5	3.33	1.25	No	0.5 Element Fault
TWL074	242	'65560436_/_5740974_1'	1.03	2.6	3.33	0.57	0.5	3.33	1.25	No	0.5 Element Fault
TWL074	243	'7484833_/_7484830'	3	7.8	10	1.72	5.5	10	3.74	No	1.72 Thermal Discharging
TWL074	244	'5748202_/_5748199'	3.1	7.8	10	1.72	10	10	3.74	No	1.72 Thermal Discharging
TWL074	245	'5774594_/_5784749'	0.83	2.6	3.33	0.57	0.5	3.32	1.25	No	0.5 Element Fault
TWL074	246	'8052137_/_8052135_1'	3.1	7.8	10	1.72	1.5	10	3.74	No	1.5 Element Fault
TWL074	247	'5763822_/_5763832'	0.87	2.57	3.33	0.57	0.5	3.33	1.25	No	0.5 Element Fault
TWL074	248	'5422470_/_7095717'	2.4	7.7	10	1.72	1.5	10	3.74	No	1.5 Element Fault
TWL074	249	'8428188_/_8428186'	3	7.7	10	1.72	4.7	10	3.74	No	1.72 Thermal Discharging
TWL074	250	'43671259_/_7093367'	1.03	2.57	3.33	0.57	1.2	3.33	1.25	No	0.57 Thermal Discharging
TWL074	251	'5748219_/_5748216'	3.1	7.7	10	1.72	10	10	3.74	No	1.72 Thermal Discharging
TWL074	252	'5748304_/_5748301'	3.1	7.7	10	1.72	10	10	3.74	No	1.72 Thermal Discharging
TWL074	253	'5764003_/_5764001'	2.5	7.7	10	1.72	3.8	10	3.74	No	1.72 Thermal Discharging
TWL074	254	'5231640_/_5740974_2'	1.03	2.53	3.33	0.57	0.5	3.33	1.25	No	0.5 Element Fault
TWL074	255	'43671248_/_43671250'	1.03	2.53	3.33	0.57	2	3.33	1.25	No	0.57 Thermal Discharging
TWL074	256	'5234272_/_5234270_1'	1.03	2.53	3.33	0.57	0.5	3.33	1.25	No	0.5 Element Fault
TWL074	257	'370346195_/_370346012_1'	2.5	7.6	10	1.72	3.8	10	3.74	No	1.72 Thermal Discharging
TWL074	258	'43670378_/_7093347'	3	7.6	10	1.72	10	10	3.74	No	1.72 Thermal Discharging
TWL074	259	'5748236_/_5748233'	3.1	7.6	10	1.72	10	10	3.74	No	1.72 Thermal Discharging
TWL074	260	'5234231_/_5234228_2'	1.03	2.53	3.33	0.57	2	3.33	1.25	No	0.57 Thermal Discharging
TWL074	261	'38051761_/_9377888'	3	7.5	10	1.72	4.7	10	3.74	No	1.72 Thermal Discharging
TWL074	262	'5212509_/_43670380'	3	7.5	10	1.72	10	10	3.74	No	1.72 Thermal Discharging
TWL074	263	'5748253_/_5748250'	3	7.5	10	1.72	10	10	3.74	No	1.72 Thermal Discharging
TWL074	264	'5764551_/_685044298'	2.5	7.5	10	1.72	1.5	10	3.74	No	1.5 Element Fault
TWL074	265	'9621747_/_9621745'	2.9	7.5	10	1.72	4.7	10	3.74	No	1.72 Thermal Discharging
TWL074	266	'5212529_/_5212526'	3	7.4	10	1.72	10	9.99	3.74	No	1.72 Thermal Discharging
TWL074	267	'5741029_/_5748267'	3	7.4	10	1.72	10	9.97	3.74	No	1.72 Thermal Discharging
TWL074	268	'5741016_/_5741013_2'	1	2.47	3.33	0.57	1.2	3.32	1.25	No	0.57 Thermal Discharging
TWL074	269	'9308834_/_9621569_2'	3	7.4	10	1.72	1.9	10	3.74	No	1.72 Thermal Discharging
TWL074	270	'43670391_/_5212543'	2.9	7.3	10	1.72	10	9.88	3.74	No	1.72 Thermal Discharging
TWL074	271	'5234230_/_5234228_1'	1	2.43	3.33	0.57	0.5	3.32	1.25	No	0.5 Element Fault
TWL074	272	'5784671_/_5784668'	0.77	2.43	3.33	0.57	0.5	3.18	1.25	No	0.5 Element Fault
TWL074	273	'44054201_/_5748284'	2.9	7.3	10	1.72	10	9.83	3.74	No	1.72 Thermal Discharging
TWL074	274	'5784895_/_5784880'	0.8	2.43	3.33	0.57	0.5	3.26	1.25	No	0.5 Element Fault
TWL074	275	'7485087_/_556071909'	2.8	7.3	10	1.72	4.7	10	3.74	No	1.72 Thermal Discharging
TWL074	276	'5212563_/_43670393'	2.9	7.3	10	1.72	10	9.76	3.74	No	1.72 Thermal Discharging
TWL074	277	'5764103_/_5764101'	0.83	2.4	3.33	0.57	0.5	3.33	1.25	No	0.5 Element Fault
TWL074	278	'7415104_/_8745116'	2.8	7.2	10	1.72	5.5	10	3.74	No	1.72 Thermal Discharging
TWL074	279	'5748165_/_44054203'	2.9	7.2	10	1.72	10	9.7	3.74	No	1.72 Thermal Discharging
TWL074	280	'5212580_/_5212577'	2.9	7.2	10	1.72	10	9.67	3.74	No	1.72 Thermal Discharging
TWL074	281	'38051924_/_8116268'	2.8	7.2	10	1.72	10	9.9	3.74	No	1.72 Thermal Discharging
TWL074	282	'404715923_/_38051928'	2.8	7.2	10	1.72	10	9.9	3.74	No	1.72 Thermal Discharging
TWL074	283	'43775419_/_5757086'	0.97	2.4	3.33	0.57	0.5	3.32	1.25	No	0.5 Element Fault
TWL074	284	'38051875_/_38051937'	2.8	7.2	10	1.72	10	9.9	3.74	No	1.72 Thermal Discharging
TWL074	285	'38051916_/_71669323'	2.8	7.2	10	1.72	10	9.9	3.74	No	1.72 Thermal Discharging
TWL074	286	'38051940_/_71669312'	2.8	7.2	10	1.72	10	9.9	3.74	No	1.72 Thermal Discharging
TWL074	287	'43775397_/_7093331'	0.97	2.37	3.33	0.57	1.2	3.24	1.25	No	0.57 Thermal Discharging
TWL074	288	'43670461_/_5234270_2'	0.97	2.37	3.33	0.57	0.5	3.28	1.25	No	0.5 Element Fault
TWL074	289	'456318721_/_5422468'	2.2	7.1	10	1.72	1.5	10	3.74	No	1.5 Element Fault
TWL074	290	'5212597_/_5212594'	2.8	7.1	10	1.72	10	9.57	3.74	No	1.72 Thermal Discharging
TWL074	291	'5234244_/_5234241'	0.97	2.37	3.33	0.57	0.5	3.24	1.25	No	0.5 Element Fault
TWL074	292	'43779418_/_43779420'	0.77	2.37	3.33	0.57	0.5	3.26	1.25	No	0.5 Element Fault
TWL074	293	'5784974_/_5784971'	0.77	2.37	3.33	0.57	0.5	3.18	1.25	No	0.5 Element Fault
TWL074	294	'385016571_/_385016577'	2.8	7.1	10	1.72	10	9.79	3.74	No	1.72 Thermal Discharging
TWL074	295	'455993473_/_5793809'	0.8	2.37	3.33	0.57	0.5	3.16	1.25	No	0.5 Element Fault
TWL074	296	'5236286_/_5236284_1'	0.93	2.33	3.33	0.57	0.5	3.2	1.25	No	0.5 Element Fault
TWL074	297	'5748148_/_5748162'	2.8	7	10	1.72	10	9.48	3.74	No	1.72 Thermal Discharging
TWL074	298	'448466706_/_43775349'	2.8	7	10	1.72	10	9.48	3.74	No	1.72 Thermal Discharging
TWL074	299	'43670404_/_5212611'	2.8	7	10	1.72	10	9.47	3.74	No	1.72 Thermal Discharging
TWL074	300	'391281367_/_385016721'	2.8	7	10	1.72	10	9.72	3.74	No	1.72 Thermal Discharging
TWL074	301	'7415103_/_7415101'	2.7	7	10	1.72	5.5	9.88	3.74	No	1.72 Thermal Discharging
TWL074	302	'455993525_/_5422486'	2.2	7	10	1.72	1.5	9.92	3.74	No	1.5 Element Fault
TWL074	303	'39465056_/_7485084'	2.7	7	10	1.72	4.7	9.83	3.74	No	1.72 Thermal Discharging
TWL074	304	'43775430_/_5757073'	0.93	2.33	3.33	0.57	0.5	3.23	1.25	No	0.5 Element Fault
TWL074	305	'465687352_/_455993651_2'	2.2	7	10	1.72	1.5	9.89	3.74	No	1.5 Element Fault
TWL074	306	'5212631_/_5212628'	2.8	7	10	1.72	10	9.39	3.74	No	1.72 Thermal Discharging
TWL074	307	'43670417_/_5231638'	0.93	2.33	3.33	0.57	0.5	3.2	1.25	No	0.5 Element Fault
TWL074	308	'5234288_/_5234299'	0.93	2.3	3.33	0.57	0.5	3.17	1.25	No	0.5 Element Fault
TWL074	309	'370345993_/_370346012_2'	2.3	6.9	10	1.72	3.8	10	3.74	No	1.72 Thermal Discharging
TWL074	310	'385016354_/_385016358'	2.7	6.9	10	1.72	5.5	9.64	3.74	No	1.72 Thermal Discharging
TWL074	311	'154872146_/_5212645'	2.8	6.9	10	1.72	10	9.33	3.74	No	1.72 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TWL074	312	'5756286_/_5756284_1'	0.93	2.3	3.33	0.57	0.5	3.12	1.25 No	0.5	Element Fault
TWL074	313	'5212665_/_8024536_1'	2.8	6.9	10	1.72	1.3	9.31	3.74 No	1.3	Element Fault
TWL074	314	'671976318_/_671976878'	2.3	6.9	10	1.72	4.35	9.89	3.74 No	1.72	Thermal Discharging
TWL074	315	'671976299_/_671976315'	2.3	6.9	10	1.72	4.35	9.89	3.74 No	1.72	Thermal Discharging
TWL074	316	'671976312_/_671976309'	2.3	6.9	10	1.72	4.35	9.89	3.74 No	1.72	Thermal Discharging
TWL074	317	'671976300_/_671976297'	2.3	6.9	10	1.72	4.35	9.89	3.74 No	1.72	Thermal Discharging
TWL074	318	'688325188_/_547613877_1'	2.3	6.9	10	1.72	4.7	9.95	3.74 No	1.72	Thermal Discharging
TWL074	319	'39433145_/_9376670'	2.7	6.9	10	1.72	5.4	9.59	3.74 No	1.72	Thermal Discharging
TWL074	320	'404716123_/_38012070'	2.7	6.9	10	1.72	5.4	9.59	3.74 No	1.72	Thermal Discharging
TWL074	321	'404716122_/_71669345'	2.7	6.9	10	1.72	5.4	9.59	3.74 No	1.72	Thermal Discharging
TWL074	322	'39433152_/_38012077'	2.7	6.9	10	1.72	5.4	9.59	3.74 No	1.72	Thermal Discharging
TWL074	323	'404716150_/_404716147'	2.7	6.9	10	1.72	5.4	9.59	3.74 No	1.72	Thermal Discharging
TWL074	324	'5764789_/_5764786'	0.77	2.27	3.33	0.57	0.5	3.25	1.25 No	0.5	Element Fault
TWL074	325	'43775386_/_5756268'	0.93	2.27	3.33	0.57	1.2	3.11	1.25 No	0.57	Thermal Discharging
TWL074	326	'43784552_/_43784554'	0.8	2.27	3.33	0.57	0.5	3.04	1.25 No	0.5	Element Fault
TWL074	327	'5774593_/_574591'	0.73	2.27	3.33	0.57	0.5	3.04	1.25 No	0.5	Element Fault
TWL074	328	'685044231_/_671977473_1'	2.3	6.8	10	1.72	1.5	9.8	3.74 No	1.5	Element Fault
TWL074	329	'40364170_/_9377984'	2.7	6.8	10	1.72	5.4	9.52	3.74 No	1.72	Thermal Discharging
TWL074	330	'5422489_/_455993527'	1.47	4.53	6.67	1.14	1	6.46	2.49 No	1	Element Fault
TWL074	331	'671977476_/_671977473_2'	2.3	6.8	10	1.72	1.5	9.77	3.74 No	1.5	Element Fault
TWL074	332	'9308990_/_9621657'	2.6	6.7	10	1.72	5.4	9.6	3.74 No	1.72	Thermal Discharging
TWL074	333	'5756271_/_7093315_1'	0.9	2.23	3.33	0.57	0.5	3.08	1.25 No	0.5	Element Fault
TWL074	334	'5756287_/_5756284_2'	0.9	2.23	3.33	0.57	0.5	3.06	1.25 No	0.5	Element Fault
TWL074	335	'391281351_/_391281390'	2.7	6.7	10	1.72	5.5	9.44	3.74 No	1.72	Thermal Discharging
TWL074	336	'37902928_/_8024536_2'	2.7	6.7	10	1.72	1.3	9.14	3.74 No	1.3	Element Fault
TWL074	337	'37902935_/_37902932'	2.7	6.7	10	1.72	1.3	9.14	3.74 No	1.3	Element Fault
TWL074	338	'37902956_/_37902960'	0.9	2.23	3.33	0.57	0.43	3.05	1.25 No	0.43	Element Fault
TWL074	339	'37902942_/_37902939'	2.7	6.7	10	1.72	1.3	9.14	3.74 No	1.3	Element Fault
TWL074	340	'37902970_/_37902967'	2.7	6.7	10	1.72	1.3	9.14	3.74 No	1.3	Element Fault
TWL074	341	'9308991_/_9309008_1'	2.6	6.7	10	1.72	5.4	9.55	3.74 No	1.72	Thermal Discharging
TWL074	342	'5234289_/_5234286'	0.9	2.23	3.33	0.57	0.5	3.08	1.25 No	0.5	Element Fault
TWL074	343	'385016622_/_391281455'	2.6	6.7	10	1.72	10	9.34	3.74 No	1.72	Thermal Discharging
TWL074	344	'455993632_/_455993651_1'	2.1	6.7	10	1.72	0.9	9.55	3.74 No	0.9	Element Fault
TWL074	345	'43784441_/_5784681'	0.7	2.23	3.33	0.57	0.5	2.98	1.25 No	0.5	Element Fault
TWL074	346	'9308835_/_9308832'	2.7	6.7	10	1.72	1.9	9.36	3.74 No	1.72	Thermal Discharging
TWL074	347	'5784896_/_5784893'	0.73	2.23	3.33	0.57	0.5	3.04	1.25 No	0.5	Element Fault
TWL074	348	'7101717_/_9309008_2'	2.6	6.7	10	1.72	5.4	9.49	3.74 No	1.72	Thermal Discharging
TWL074	349	'5246112_/_5246125_1'	0.9	2.2	3.33	0.57	0.3	3.05	1.25 No	0.3	Element Fault
TWL074	350	'5231773_/_5234257'	0.9	2.2	3.33	0.57	0.5	3.07	1.25 No	0.5	Element Fault
TWL074	351	'154872173_/_8968333'	0.9	2.2	3.33	0.57	0.4	3.01	1.25 No	0.4	Element Fault
TWL074	352	'9308855_/_9308872_1'	2.6	6.4	10	1.72	1.5	9.31	3.74 No	1.5	Element Fault
TWL074	353	'5232454_/_5232452_1'	0.9	2.2	3.33	0.57	0.4	3.01	1.25 No	0.4	Element Fault
TWL074	354	'43670356_/_5236284_2'	0.9	2.2	3.33	0.57	0.5	3.05	1.25 No	0.5	Element Fault
TWL074	355	'7485086_/_49445382'	2.6	6.6	10	1.72	4.7	9.37	3.74 No	1.72	Thermal Discharging
TWL074	356	'5231916_/_5246125_2'	0.87	2.2	3.33	0.57	0.3	3.02	1.25 No	0.3	Element Fault
TWL074	357	'720327841_/_720327855'	0.9	2.2	3.33	0.57	0.4	2.99	1.25 No	0.4	Element Fault
TWL074	358	'5232455_/_5232452_2'	0.9	2.17	3.33	0.57	0.4	2.98	1.25 No	0.4	Element Fault
TWL074	359	'5231800_/_5231797'	0.87	2.17	3.33	0.57	0.5	3.06	1.25 No	0.5	Element Fault
TWL074	360	'5741003_/_5741013_1'	0.93	2.17	3.33	0.57	0.5	3.01	1.25 No	0.5	Element Fault
TWL074	361	'5763796_/_5763806'	0.73	2.17	3.33	0.57	0.5	3.05	1.25 No	0.5	Element Fault
TWL074	362	'8052157_/_8052155'	2.6	6.4	10	1.72	1.5	9.18	3.74 No	1.5	Element Fault
TWL074	363	'501605206_/_501605088_1'	0.67	2.13	3.33	0.57	0.3	2.92	1.25 No	0.3	Element Fault
TWL074	364	'38040758_/_385016483'	2.5	6.4	10	1.72	5.5	9.09	3.74 No	1.72	Thermal Discharging
TWL074	365	'38040723_/_38040755'	2.5	6.4	10	1.72	5.5	9.09	3.74 No	1.72	Thermal Discharging
TWL074	366	'38040716_/_38040720'	0.83	2.13	3.33	0.57	1.83	3.03	1.25 No	0.57	Thermal Discharging
TWL074	367	'38040744_/_38040741'	2.5	6.4	10	1.72	5.5	9.09	3.74 No	1.72	Thermal Discharging
TWL074	368	'38040730_/_38040727'	2.5	6.4	10	1.72	5.5	9.09	3.74 No	1.72	Thermal Discharging
TWL074	369	'5422504_/_5422501'	1.4	4.27	6.67	1.14	1	6.15	2.49 No	1	Element Fault
TWL074	370	'5231917_/_5231914'	0.87	2.13	3.33	0.57	0.3	2.95	1.25 No	0.3	Element Fault
TWL074	371	'5793828_/_5793825'	0.7	2.13	3.33	0.57	0.5	2.94	1.25 No	0.5	Element Fault
TWL074	372	'671977113_/_671976272'	2.4	6.3	10	1.72	5.4	9.12	3.74 No	1.72	Thermal Discharging
TWL074	373	'5231657_/_5231654'	0.83	2.1	3.33	0.57	0.5	2.97	1.25 No	0.5	Element Fault
TWL074	374	'404717135_/_7483072'	0.83	2.1	3.33	0.57	1.8	3	1.25 No	0.57	Thermal Discharging
TWL074	375	'385016829_/_7511252'	2.5	6.3	10	1.72	5.5	8.95	3.74 No	1.72	Thermal Discharging
TWL074	376	'5236300_/_5236297'	0.83	2.1	3.33	0.57	0.5	2.93	1.25 No	0.5	Element Fault
TWL074	377	'43670334_/_7093315_2'	0.83	2.1	3.33	0.57	0.5	2.91	1.25 No	0.5	Element Fault
TWL074	378	'5785405_/_5785415'	0.73	2.1	3.33	0.57	0.5	2.87	1.25 No	0.5	Element Fault
TWL074	379	'5764802_/_5764799'	0.7	2.1	3.33	0.57	0.5	3.03	1.25 No	0.5	Element Fault
TWL074	380	'671977142_/_671977198'	2.4	6.3	10	1.72	5.4	9.05	3.74 No	1.72	Thermal Discharging
TWL074	381	'5784909_/_5784906'	0.67	2.1	3.33	0.57	0.5	2.9	1.25 No	0.5	Element Fault
TWL074	382	'5741232_/_43775421'	0.83	2.07	3.33	0.57	0.5	2.97	1.25 No	0.5	Element Fault
TWL074	383	'43778551_/_685044172'	1.47	4.13	6.67	1.14	1	6.08	2.49 No	1	Element Fault
TWL074	384	'5236419_/_7093238'	0.83	2.07	3.33	0.57	0.5	2.87	1.25 No	0.5	Element Fault
TWL074	385	'5741219_/_5741216'	0.83	2.07	3.33	0.57	0.5	2.93	1.25 No	0.5	Element Fault
TWL074	386	'671977233_/_671977127_1'	0.8	2.07	3.33	0.57	1.4	2.97	1.25 No	0.57	Thermal Discharging
TWL074	387	'7391407_/_7704825'	2.4	6.1	10	1.72	1.3	8.55	3.74 No	1.3	Element Fault
TWL074	388	'671977262_/_671977156_1'	0.8	2.03	3.33	0.57	1.4	2.97	1.25 No	0.57	Thermal Discharging
TWL074	389	'5231813_/_5231810'	0.83	2.03	3.33	0.57	0.5	2.91	1.25 No	0.5	Element Fault
TWL074	390	'5763780_/_5763793'	0.67	2.03	3.33	0.57	0.5	2.9	1.25 No	0.5	Element Fault
TWL074	391	'43670494_/_5231927'	0.83	2.03	3.33	0.57	0.3	2.84	1.25 No	0.3	Element Fault
TWL074	392	'43670450_/_5231771'	0.83	2.03	3.33	0.57	0.5	2.88	1.25 No	0.5	Element Fault
TWL074	393	'5784778_/_43784443'	0.63	2.03	3.33	0.57	0.5	2.78	1.25 No	0.5	Element Fault
TWL074	394	'5760839_/_43778553'	1.4	4.07	6.67	1.14	1	5.98	2.49 No	1	Element Fault
TWL074	395	'5785000_/_5784997'	0.67	2.03	3.33	0.57	0.5	2.83	1.25 No	0.5	Element Fault
TWL074	396	'8117022_/_44097725'	2.4	6.1	10	1.72	5.4	8.69	3.74 No	1.72	Thermal Discharging
TWL074	397	'5774606_/_5774604'	0.63	2.03	3.33	0.57	0.5	2.79	1.25 No	0.5	Element Fault
TWL074	398	'5764883_/_5764880'	0.7	2.03	3.33	0.57	0.5	2.94	1.25 No	0.5	Element Fault
TWL074	399	'685044487_/_671977177_1'	2.3	6	10	1.72	5.4	8.78	3.74 No	1.72	Thermal Discharging
TWL074	400	'685044691_/_671977156_2'	0.8	2	3.33	0.57	1.4	2.92	1.25 No	0.57	Thermal Discharging
TWL074	401	'5741160_/_5741158'	0.83	2	3.33	0.57	0.5	2.82	1.25 No	0.5	Element Fault
TWL074	402	'5763767_/_5763777'	0.67	2	3.33	0.57	0.5	2.85	1.25 No	0.5	Element Fault
TWL074	403	'385016790_/_385016921'	2.4	6	10	1.72	5.5	8.58	3.74 No	1.72	Thermal Discharging
TWL074	404	'5784922_/_5784919'	0.63	2	3.33	0.57	0.5	2.79	1.25 No	0.5	Element Fault
TWL074	405	'685044439_/_671977177_2'	2.3	6	10	1.72	5.4	8.67	3.74 No	1.72	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TWL074	406	'5764815_/5764812'	0.67	1.97	3.33	0.57	0.5	2.9	1.25 No	0.5	Element Fault
TWL074	407	'5760962_/671977127_2'	0.8	1.97	3.33	0.57	1.4	2.89	1.25 No	0.57	Thermal Discharging
TWL074	408	'43670696_/5232468'	0.83	1.97	3.33	0.57	0.4	2.76	1.25 No	0.4	Element Fault
TWL074	409	'5236316_/5236313'	0.8	1.97	3.33	0.57	0.5	2.8	1.25 No	0.5	Element Fault
TWL074	410	'671977291_/5760960_1'	0.8	1.97	3.33	0.57	0.5	2.87	1.25 No	0.5	Element Fault
TWL074	411	'5231943_/5231940'	0.8	1.97	3.33	0.57	0.3	2.75	1.25 No	0.3	Element Fault
TWL074	412	'5741174_/5741171'	0.8	1.93	3.33	0.57	0.5	2.76	1.25 No	0.5	Element Fault
TWL074	413	'5231670_/5231667'	0.77	1.93	3.33	0.57	0.5	2.78	1.25 No	0.5	Element Fault
TWL074	414	'43779183_/5784037'	1.33	3.87	6.67	1.14	1	5.74	2.49 No	1	Element Fault
TWL074	415	'685044383_/671977177_3'	2.2	5.8	10	1.72	5.4	8.49	3.74 No	1.72	Thermal Discharging
TWL074	416	'43784430_/5794268'	0.6	1.93	3.33	0.57	0.5	2.68	1.25 No	0.5	Element Fault
TWL074	417	'5785392_/5785402'	0.7	1.93	3.33	0.57	0.5	2.7	1.25 No	0.5	Element Fault
TWL074	418	'5741002_/5741000'	0.8	1.93	3.33	0.57	0.5	2.75	1.25 No	0.5	Element Fault
TWL074	419	'45264124_/5231784'	0.77	1.93	3.33	0.57	0.5	2.75	1.25 No	0.5	Element Fault
TWL074	420	'5761002_/5760999'	0.77	1.9	3.33	0.57	1.1	2.8	1.25 No	0.57	Thermal Discharging
TWL074	421	'39432637_/385016796'	2.3	5.7	10	1.72	5.5	8.29	3.74 No	1.72	Thermal Discharging
TWL074	422	'5236206_/5236203'	0.77	1.9	3.33	0.57	0.5	2.69	1.25 No	0.5	Element Fault
TWL074	423	'5236329_/5236326'	0.77	1.9	3.33	0.57	0.5	2.7	1.25 No	0.5	Element Fault
TWL074	424	'5231956_/5231953'	0.77	1.9	3.33	0.57	0.3	2.66	1.25 No	0.3	Element Fault
TWL074	425	'43670224_/5236417'	0.77	1.9	3.33	0.57	0.5	2.67	1.25 No	0.5	Element Fault
TWL074	426	'37902984_/7391648'	2	4.9	10	1.72	1.2	8	3.74 No	1.2	Element Fault
TWL074	427	'5231826_/5231823'	0.77	1.87	3.33	0.57	0.5	2.72	1.25 No	0.5	Element Fault
TWL074	428	'404194880_/37902988_1'	2	4.9	10	1.72	1.2	8	3.74 No	1.2	Element Fault
TWL074	429	'404194881_/404194878'	2	4.9	10	1.72	1.2	8	3.74 No	1.2	Element Fault
TWL074	430	'37902991_/37902988_2'	2	4.9	10	1.72	1.2	8	3.74 No	1.2	Element Fault
TWL074	431	'37902998_/37902995'	2	4.9	10	1.72	1.2	7.99	3.74 No	1.2	Element Fault
TWL074	432	'5763754_/5763764'	0.63	1.87	3.33	0.57	0.5	2.7	1.25 No	0.5	Element Fault
TWL074	433	'5792661_/5792658'	0.63	1.87	3.33	0.57	0.5	2.75	1.25 No	0.5	Element Fault
TWL074	434	'43784452_/5774617'	0.6	1.87	3.33	0.57	0.5	2.63	1.25 No	0.5	Element Fault
TWL074	435	'381100710_/381100729'	2.2	5.6	10	1.72	5.4	8.11	3.74 No	1.72	Thermal Discharging
TWL074	436	'43779221_/5764893'	0.63	1.83	3.33	0.57	0.5	2.73	1.25 No	0.5	Element Fault
TWL074	437	'5231683_/5231680'	0.73	1.83	3.33	0.57	0.5	2.67	1.25 No	0.5	Element Fault
TWL074	438	'5754667_/7101755'	0.73	1.83	3.33	0.57	1.1	2.71	1.25 No	0.57	Thermal Discharging
TWL074	439	'5761521_/5761518'	1.27	3.67	6.67	1.14	1	5.51	2.49 No	1	Element Fault
TWL074	440	'8342140_/8342137'	0.77	1.83	3.33	0.57	0.4	2.62	1.25 No	0.4	Element Fault
TWL074	441	'5232484_/5232481'	0.77	1.83	3.33	0.57	0.4	2.6	1.25 No	0.4	Element Fault
TWL074	442	'5231969_/5231966'	0.73	1.83	3.33	0.57	0.3	2.58	1.25 No	0.3	Element Fault
TWL074	443	'43784429_/5794281'	0.57	1.83	3.33	0.57	0.5	2.56	1.25 No	0.5	Element Fault
TWL074	444	'5760963_/5760960_2'	0.73	1.8	3.33	0.57	0.5	2.67	1.25 No	0.5	Element Fault
TWL074	445	'501605072_/501605088_2'	0.53	1.8	3.33	0.57	0.3	2.54	1.25 No	0.3	Element Fault
TWL074	446	'5741087_/5743346'	0.73	1.77	3.33	0.57	0.5	2.56	1.25 No	0.5	Element Fault
TWL074	447	'5236433_/5236430'	0.73	1.77	3.33	0.57	0.5	2.52	1.25 No	0.5	Element Fault
TWL074	448	'247855747_/247855778'	2.1	5.3	10	1.72	5.5	7.74	3.74 No	1.72	Thermal Discharging
TWL074	449	'43670505_/5231979'	0.7	1.77	3.33	0.57	0.3	2.49	1.25 No	0.3	Element Fault
TWL074	450	'7391631_/7391628'	2	4.9	10	1.72	1.2	7.56	3.74 No	1.2	Element Fault
TWL074	451	'5764831_/5764828'	0.6	1.73	3.33	0.57	0.5	2.6	1.25 No	0.5	Element Fault
TWL074	452	'5236342_/5236339'	0.7	1.73	3.33	0.57	0.5	2.53	1.25 No	0.5	Element Fault
TWL074	453	'43670428_/5231693'	0.7	1.73	3.33	0.57	0.5	2.54	1.25 No	0.5	Element Fault
TWL074	454	'43777343_/5754665'	0.7	1.73	3.33	0.57	1.1	2.58	1.25 No	0.57	Thermal Discharging
TWL074	455	'5741187_/5741184'	0.73	1.73	3.33	0.57	0.5	2.53	1.25 No	0.5	Element Fault
TWL074	456	'5236222_/5236219'	0.7	1.73	3.33	0.57	0.5	2.5	1.25 No	0.5	Element Fault
TWL074	457	'43670472_/5231836'	0.7	1.73	3.33	0.57	0.5	2.53	1.25 No	0.5	Element Fault
TWL074	458	'5784658_/5784762'	0.53	1.73	3.33	0.57	0.5	2.46	1.25 No	0.5	Element Fault
TWL074	459	'5741074_/5741084'	0.73	1.7	3.33	0.57	0.5	2.5	1.25 No	0.5	Element Fault
TWL074	460	'5763741_/5763751'	0.57	1.7	3.33	0.57	0.5	2.51	1.25 No	0.5	Element Fault
TWL074	461	'8117043_/8117040'	1.9	4.6	10	1.72	5.4	7.57	3.74 No	1.72	Thermal Discharging
TWL074	462	'5760976_/5760973'	0.67	1.7	3.33	0.57	0.5	2.54	1.25 No	0.5	Element Fault
TWL074	463	'5231995_/5231992'	0.67	1.7	3.33	0.57	0.3	2.42	1.25 No	0.3	Element Fault
TWL074	464	'5785379_/5785389'	0.6	1.7	3.33	0.57	0.5	2.44	1.25 No	0.5	Element Fault
TWL074	465	'5232500_/5232497'	0.7	1.7	3.33	0.57	0.4	2.44	1.25 No	0.4	Element Fault
TWL074	466	'5741073_/5741071'	0.7	1.7	3.33	0.57	0.5	2.46	1.25 No	0.5	Element Fault
TWL074	467	'39667852_/44094507'	0.67	1.67	3.33	0.57	1.57	2.56	1.25 No	0.57	Thermal Discharging
TWL074	468	'5763913_/5763910'	0.57	1.67	3.33	0.57	0.5	2.46	1.25 No	0.5	Element Fault
TWL074	469	'5764844_/5764841'	0.57	1.67	3.33	0.57	0.5	2.5	1.25 No	0.5	Element Fault
TWL074	470	'5743323_/5743333'	0.7	1.67	3.33	0.57	0.5	2.43	1.25 No	0.5	Element Fault
TWL074	471	'5784645_/5784655'	0.53	1.67	3.33	0.57	0.5	2.39	1.25 No	0.5	Element Fault
TWL074	472	'5761015_/5761012'	0.67	1.63	3.33	0.57	0.5	2.47	1.25 No	0.5	Element Fault
TWL074	473	'7516475_/7795913'	0.63	1.63	3.33	0.57	1.57	2.52	1.25 No	0.57	Thermal Discharging
TWL074	474	'5232008_/5232005'	0.67	1.63	3.33	0.57	0.3	2.35	1.25 No	0.3	Element Fault
TWL074	475	'5236445_/5236868'	0.67	1.63	3.33	0.57	0.5	2.39	1.25 No	0.5	Element Fault
TWL074	476	'7391406_/7391404'	0.7	1.63	3.33	0.57	0.4	2.34	1.25 No	0.4	Element Fault
TWL074	477	'5232577_/9282915'	0.7	1.63	3.33	0.57	0.4	2.33	1.25 No	0.4	Element Fault
TWL074	478	'247855806_/247855897'	1.9	4.9	10	1.72	5.4	7.29	3.74 No	1.72	Thermal Discharging
TWL074	479	'5231852_/5231849'	0.67	1.63	3.33	0.57	0.5	2.41	1.25 No	0.5	Element Fault
TWL074	480	'7391650_/8649287'	0.63	1.63	3.33	0.57	0.4	2.32	1.25 No	0.4	Element Fault
TWL074	481	'5763728_/5763738'	0.53	1.6	3.33	0.57	0.5	2.4	1.25 No	0.5	Element Fault
TWL074	482	'5784629_/5784642'	0.5	1.6	3.33	0.57	0.5	2.34	1.25 No	0.5	Primary Over-Voltage
TWL074	483	'5231709_/5231706'	0.63	1.6	3.33	0.57	0.5	2.38	1.25 No	0.5	Element Fault
TWL074	484	'685044555_/685044501_1'	0.67	1.6	3.33	0.57	1.8	2.48	1.25 No	0.57	Thermal Discharging
TWL074	485	'37903026_/9596721'	1.7	4	10	1.72	1.2	7.07	3.74 No	1.2	Element Fault
TWL074	486	'37903033_/37903030'	1.7	4	10	1.72	1.2	7.07	3.74 No	1.2	Element Fault
TWL074	487	'43670651_/5232575'	0.67	1.6	3.33	0.57	0.4	2.3	1.25 No	0.4	Element Fault
TWL074	488	'404194991_/404194988'	1.7	4	10	1.72	1.2	7.07	3.74 No	1.2	Element Fault
TWL074	489	'37903040_/37903037'	1.7	4	10	1.72	1.2	7.07	3.74 No	1.2	Element Fault
TWL074	490	'5754681_/5754678'	0.63	1.6	3.33	0.57	1.1	2.42	1.25 No	0.57	Thermal Discharging
TWL074	491	'5741103_/5741100'	0.67	1.6	3.33	0.57	0.5	2.37	1.25 No	0.5	Element Fault
TWL074	492	'685044465_/685044462_2'	0.67	1.6	3.33	0.57	1.8	2.46	1.25 No	0.57	Thermal Discharging
TWL074	493	'43670367_/5236352'	0.63	1.6	3.33	0.57	0.5	2.36	1.25 No	0.5	Element Fault
TWL074	494	'685044628_/685044462_1'	0.67	1.6	3.33	0.57	1.8	2.46	1.25 No	0.57	Thermal Discharging
TWL074	495	'685044653_/685044522_1'	0.67	1.6	3.33	0.57	0.5	2.46	1.25 No	0.5	Element Fault
TWL074	496	'43670345_/5236232'	0.63	1.6	3.33	0.57	0.5	2.33	1.25 No	0.5	Element Fault
TWL074	497	'5764857_/5764854'	0.53	1.57	3.33	0.57	0.5	2.39	1.25 No	0.5	Element Fault
TWL074	498	'43778655_/685044522_2'	0.63	1.57	3.33	0.57	0.5	2.43	1.25 No	0.5	Element Fault
TWL074	499	'40669153_/9688748'	0.63	1.57	3.33	0.57	1.8	2.41	1.25 No	0.57	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TWL074	500	'5758561_/_5758558'		0.63	1.57	3.33	0.57	1.1	2.35	1.25 No	0.57 Thermal Discharging
TWL074	501	'38051889_/_9689718'		1.6	3.9	10	1.72	5.4	6.99	3.74 No	1.6 Primary Over-Voltage
TWL074	502	'43779407_/_5763923'		0.5	1.57	3.33	0.57	0.5	2.32	1.25 No	0.5 Primary Over-Voltage
TWL074	503	'404716980_/_38051886'		1.6	3.9	10	1.72	5.4	6.99	3.74 No	1.6 Primary Over-Voltage
TWL074	504	'38051805_/_38051802'		1.6	3.9	10	1.72	5.4	6.99	3.74 No	1.6 Primary Over-Voltage
TWL074	505	'38051791_/_38051788'		1.8	4.7	10	1.72	4.7	6.99	3.74 No	1.72 Thermal Discharging
TWL074	506	'5231865_/_5231862'		0.63	1.57	3.33	0.57	0.5	2.32	1.25 No	0.5 Element Fault
TWL074	507	'40364230_/_44101025'		0.63	1.57	3.33	0.57	1.8	2.39	1.25 No	0.57 Thermal Discharging
TWL074	508	'38051903_/_38051907'		1.07	2.6	6.67	1.14	3.6	4.64	2.49 No	1.07 Primary Over-Voltage
TWL074	509	'43670707_/_5232510'		0.63	1.53	3.33	0.57	0.4	2.26	1.25 No	0.4 Element Fault
TWL074	510	'43777017_/_7101771'		0.6	1.53	3.33	0.57	0.5	2.33	1.25 No	0.5 Element Fault
TWL074	511	'5236446_/_5236443'		0.63	1.53	3.33	0.57	0.5	2.26	1.25 No	0.5 Element Fault
TWL074	512	'5741057_/_5743320'		0.63	1.53	3.33	0.57	0.5	2.28	1.25 No	0.5 Element Fault
TWL074	513	'5784616_/_5784626'		0.5	1.53	3.33	0.57	0.5	2.24	1.25 No	0.5 Primary Over-Voltage
TWL074	514	'8117023_/_44097751'		0.6	1.53	3.33	0.57	1.8	2.36	1.25 No	0.57 Thermal Discharging
TWL074	515	'247856882_/_247856892'		1.8	4.6	10	1.72	5.4	6.88	3.74 No	1.72 Thermal Discharging
TWL074	516	'5231722_/_5231719'		0.6	1.5	3.33	0.57	0.5	2.26	1.25 No	0.5 Element Fault
TWL074	517	'5760904_/_5760901'		0.63	1.5	3.33	0.57	0.5	2.34	1.25 No	0.5 Element Fault
TWL074	518	'7391386_/_7391384'		1.7	4	10	1.72	1.2	6.7	3.74 No	1.2 Element Fault
TWL074	519	'5763712_/_5763725'		0.5	1.5	3.33	0.57	0.5	2.25	1.25 No	0.5 Primary Over-Voltage
TWL074	520	'8777260_/_8777258'		1.07	2.6	6.67	1.14	3.6	4.52	2.49 No	1.07 Primary Over-Voltage
TWL074	521	'5764870_/_5764867'		0.5	1.5	3.33	0.57	0.5	2.27	1.25 No	0.5 Primary Over-Voltage
TWL074	522	'9688767_/_9688784'		1.6	3.9	10	1.72	5.4	6.75	3.74 No	1.6 Primary Over-Voltage
TWL074	523	'5785363_/_5785376'		0.53	1.5	3.33	0.57	0.5	2.21	1.25 No	0.5 Element Fault
TWL074	524	'37903012_/_37903016'		0.6	1.5	3.33	0.57	0.4	2.17	1.25 No	0.4 Element Fault
TWL074	525	'5236368_/_5236365'		0.6	1.5	3.33	0.57	0.5	2.21	1.25 No	0.5 Element Fault
TWL074	526	'5231878_/_5231875'		0.6	1.47	3.33	0.57	0.5	2.22	1.25 No	0.5 Element Fault
TWL074	527	'5763874_/_5763871'		0.5	1.47	3.33	0.57	0.5	2.21	1.25 No	0.5 Primary Over-Voltage
TWL074	528	'43670663_/_43670653'		0.63	1.47	3.33	0.57	0.4	2.14	1.25 No	0.4 Element Fault
TWL074	529	'9688766_/_9688764'		1.6	3.9	10	1.72	5.4	6.64	3.74 No	1.6 Primary Over-Voltage
TWL074	530	'5763939_/_43779409'		0.5	1.47	3.33	0.57	0.5	2.2	1.25 No	0.5 Primary Over-Voltage
TWL074	531	'5743297_/_5743307'		0.63	1.47	3.33	0.57	0.5	2.18	1.25 No	0.5 Element Fault
TWL074	532	'5236248_/_43670347'		0.6	1.47	3.33	0.57	0.5	2.17	1.25 No	0.5 Element Fault
TWL074	533	'5232684_/_8968369'		0.57	1.43	3.33	0.57	0.4	2.12	1.25 No	0.4 Element Fault
TWL074	534	'5232526_/_5232523'		0.6	1.43	3.33	0.57	0.4	2.14	1.25 No	0.4 Element Fault
TWL074	535	'5763887_/_5763884'		0.47	1.43	3.33	0.57	0.5	2.17	1.25 No	0.47 Primary Over-Voltage
TWL074	536	'5741058_/_5741055'		0.6	1.43	3.33	0.57	0.5	2.16	1.25 No	0.5 Element Fault
TWL074	537	'43670235_/_5236456'		0.6	1.43	3.33	0.57	0.5	2.14	1.25 No	0.5 Element Fault
TWL074	538	'5784615_/_43784465'		0.47	1.43	3.33	0.57	0.5	2.12	1.25 No	0.47 Primary Over-Voltage
TWL074	539	'43775408_/_5741113'		0.6	1.43	3.33	0.57	0.5	2.16	1.25 No	0.5 Element Fault
TWL074	540	'5763952_/_5763949'		0.47	1.43	3.33	0.57	0.5	2.15	1.25 No	0.47 Primary Over-Voltage
TWL074	541	'5231735_/_5231732'		0.57	1.43	3.33	0.57	0.5	2.15	1.25 No	0.5 Element Fault
TWL074	542	'5753414_/_43777019'		0.57	1.43	3.33	0.57	0.5	2.18	1.25 No	0.5 Element Fault
TWL074	543	'5763699_/_5763709'		0.47	1.43	3.33	0.57	0.5	2.14	1.25 No	0.47 Primary Over-Voltage
TWL074	544	'37907048_/_9682768'		1.5	3.5	10	1.72	1.2	6.37	3.74 No	1.2 Element Fault
TWL074	545	'37907055_/_37907052'		1.5	3.5	10	1.72	1.2	6.37	3.74 No	1.2 Element Fault
TWL074	546	'404419197_/_404419194'		1.5	3.5	10	1.72	1.2	6.37	3.74 No	1.2 Element Fault
TWL074	547	'37907076_/_37907080'		1.5	3.5	10	1.72	1.2	6.37	3.74 No	1.2 Element Fault
TWL074	548	'37907062_/_37907059'		1.5	3.5	10	1.72	1.2	6.37	3.74 No	1.2 Element Fault
TWL074	549	'5236381_/_5236378'		0.57	1.4	3.33	0.57	0.5	2.12	1.25 No	0.5 Element Fault
TWL074	550	'43778644_/_5760914'		0.6	1.4	3.33	0.57	0.5	2.19	1.25 No	0.5 Element Fault
TWL074	551	'5417117_/_8655382'		1.5	3.5	10	1.72	1.2	6.31	3.74 No	1.2 Element Fault
TWL074	552	'43670483_/_5231888'		0.57	1.4	3.33	0.57	0.5	2.12	1.25 No	0.5 Element Fault
TWL074	553	'5763965_/_5763962'		0.47	1.4	3.33	0.57	0.5	2.1	1.25 No	0.47 Primary Over-Voltage
TWL074	554	'5763900_/_5763897'		0.47	1.37	3.33	0.57	0.5	2.09	1.25 No	0.47 Primary Over-Voltage
TWL074	555	'5232594_/_5232591'		0.57	1.37	3.33	0.57	0.4	2.03	1.25 No	0.4 Element Fault
TWL074	556	'5763686_/_5763696'		0.47	1.37	3.33	0.57	0.5	2.08	1.25 No	0.47 Primary Over-Voltage
TWL074	557	'43784541_/_5785360'		0.5	1.37	3.33	0.57	0.5	2.06	1.25 No	0.5 Primary Over-Voltage
TWL074	558	'43670439_/_5231745'		0.53	1.37	3.33	0.57	0.5	2.07	1.25 No	0.5 Element Fault
TWL074	559	'5232539_/_5232536'		0.57	1.37	3.33	0.57	0.4	2.04	1.25 No	0.4 Element Fault
TWL074	560	'43670629_/_5232682'		0.53	1.37	3.33	0.57	0.4	2.01	1.25 No	0.4 Element Fault
TWL074	561	'5740990_/_5743294'		0.57	1.37	3.33	0.57	0.5	2.05	1.25 No	0.5 Element Fault
TWL074	562	'5236261_/_5236258'		0.53	1.37	3.33	0.57	0.5	2.04	1.25 No	0.5 Element Fault
TWL074	563	'5236767_/_5236764'		0.57	1.37	3.33	0.57	0.5	2.03	1.25 No	0.5 Element Fault
TWL074	564	'5763673_/_5763683'		0.43	1.37	3.33	0.57	0.5	2.05	1.25 No	0.43 Primary Over-Voltage
TWL074	565	'44674859_/_5231901'		0.53	1.37	3.33	0.57	0.5	2.05	1.25 No	0.5 Element Fault
TWL074	566	'7391370_/_8649255'		0.57	1.33	3.33	0.57	0.4	2	1.25 No	0.4 Element Fault
TWL074	567	'5416894_/_7091023'		0.57	1.33	3.33	0.57	0.5	2.1	1.25 No	0.5 Element Fault
TWL074	568	'5741132_/_43775410'		0.57	1.33	3.33	0.57	0.5	2.04	1.25 No	0.5 Element Fault
TWL074	569	'5236394_/_5236391'		0.53	1.33	3.33	0.57	0.5	2.02	1.25 No	0.5 Element Fault
TWL074	570	'5753427_/_5753424'		0.53	1.33	3.33	0.57	0.5	2.06	1.25 No	0.5 Element Fault
TWL074	571	'5232399_/_8024282'		0.57	1.33	3.33	0.57	0.4	1.98	1.25 No	0.4 Element Fault
TWL074	572	'7391371_/_7391368'		0.53	1.33	3.33	0.57	0.4	1.98	1.25 No	0.4 Element Fault
TWL074	573	'5741045_/_5741042'		0.57	1.33	3.33	0.57	0.5	2.01	1.25 No	0.5 Element Fault
TWL074	574	'5236407_/_5236404'		0.53	1.3	3.33	0.57	0.5	1.99	1.25 No	0.5 Element Fault
TWL074	575	'44769820_/_5231758'		0.53	1.3	3.33	0.57	0.5	2	1.25 No	0.5 Element Fault
TWL074	576	'43709233_/_5417115'		1.5	3.5	10	1.72	1.2	5.96	3.74 No	1.2 Element Fault
TWL074	577	'8427075_/_8427088'		0.53	1.3	3.33	0.57	1.8	2.05	1.25 No	0.53 Primary Over-Voltage
TWL074	578	'5785616_/_5785614'		0.47	1.3	3.33	0.57	0.5	1.98	1.25 No	0.47 Primary Over-Voltage
TWL074	579	'5232607_/_5232604'		0.57	1.3	3.33	0.57	0.4	1.94	1.25 No	0.4 Element Fault
TWL074	580	'5416839_/_5416891'		0.53	1.3	3.33	0.57	0.5	2.05	1.25 No	0.5 Element Fault
TWL074	581	'9288985_/_9288983'		1.5	3.5	10	1.72	1.2	5.93	3.74 No	1.2 Element Fault
TWL074	582	'5740989_/_5740987'		0.53	1.3	3.33	0.57	0.5	1.98	1.25 No	0.5 Element Fault
TWL074	583	'8427074_/_8427072'		0.5	1.3	3.33	0.57	1.8	2.04	1.25 No	0.5 Primary Over-Voltage
TWL074	584	'43779396_/_5763670'		0.43	1.3	3.33	0.57	0.5	1.98	1.25 No	0.43 Primary Over-Voltage
TWL074	585	'5785702_/_5785712_1'		0.47	1.3	3.33	0.57	0.3	1.97	1.25 No	0.3 Element Fault
TWL074	586	'5236274_/_5236271'		0.53	1.3	3.33	0.57	0.5	1.96	1.25 No	0.5 Element Fault
TWL074	587	'5236780_/_5236777'		0.53	1.3	3.33	0.57	0.5	1.95	1.25 No	0.5 Element Fault
TWL074	588	'5232698_/_5232695'		0.5	1.27	3.33	0.57	0.4	1.91	1.25 No	0.4 Element Fault
TWL074	589	'5417001_/_5416998'		0.53	1.27	3.33	0.57	0.5	2.01	1.25 No	0.5 Element Fault
TWL074	590	'43670718_/_5232549'		0.53	1.27	3.33	0.57	0.4	1.92	1.25 No	0.4 Element Fault
TWL074	591	'5741145_/_5741142'		0.53	1.27	3.33	0.57	0.5	1.95	1.25 No	0.5 Element Fault
TWL074	592	'5785676_/_5785686'		0.47	1.27	3.33	0.57	0.5	1.93	1.25 No	0.47 Primary Over-Voltage
TWL074	593	'497964071_/_624678384'		0.47	1.27	3.33	0.57	0.5	1.93	1.25 No	0.47 Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TWL074	594	'5763657_/5763858'	0.4	1.27	3.33	0.57	0.5	1.92	1.25 No	0.4	Primary Over-Voltage
TWL074	595	'55766908_/55766726'	0.53	1.27	3.33	0.57	0.5	1.92	1.25 No	0.5	Element Fault
TWL074	596	'5416855_/5416852'	0.53	1.27	3.33	0.57	0.5	1.97	1.25 No	0.5	Element Fault
TWL074	597	'43670560_/5232397'	0.53	1.23	3.33	0.57	0.4	1.87	1.25 No	0.4	Element Fault
TWL074	598	'5417014_/5417011'	0.53	1.23	3.33	0.57	0.5	1.96	1.25 No	0.5	Element Fault
TWL074	599	'37903054_/37903058'	0.53	1.23	3.33	0.57	0.4	1.86	1.25 No	0.4	Element Fault
TWL074	600	'45364139_/5232562'	0.5	1.23	3.33	0.57	0.4	1.87	1.25 No	0.4	Element Fault
TWL074	601	'43670674_/5232617'	0.53	1.23	3.33	0.57	0.4	1.84	1.25 No	0.4	Element Fault
TWL074	602	'43709247_/43709235'	1.5	3.5	10	1.72	1.2	5.64	3.74 No	1.2	Element Fault
TWL074	603	'5742235_/5742245'	0.53	1.23	3.33	0.57	0.5	1.87	1.25 No	0.5	Element Fault
TWL074	604	'5236793_/5236790'	0.5	1.23	3.33	0.57	0.5	1.86	1.25 No	0.5	Primary Over-Voltage
TWL074	605	'5416838_/5416836'	0.5	1.23	3.33	0.57	0.5	1.93	1.25 No	0.5	Primary Over-Voltage
TWL074	606	'5785174_/5785712_2'	0.47	1.23	3.33	0.57	0.3	1.87	1.25 No	0.3	Element Fault
TWL074	607	'5232344_/8024392'	0.53	1.2	3.33	0.57	0.4	1.83	1.25 No	0.4	Element Fault
TWL074	608	'5785663_/5785673'	0.43	1.2	3.33	0.57	0.5	1.85	1.25 No	0.43	Primary Over-Voltage
TWL074	609	'5742234_/5742232'	0.5	1.2	3.33	0.57	0.5	1.84	1.25 No	0.5	Primary Over-Voltage
TWL074	610	'5416868_/5416865'	0.5	1.2	3.33	0.57	0.5	1.89	1.25 No	0.5	Primary Over-Voltage
TWL074	611	'43670640_/5232711'	0.47	1.2	3.33	0.57	0.4	1.8	1.25 No	0.4	Element Fault
TWL074	612	'43709200_/5417024'	0.5	1.2	3.33	0.57	0.5	1.89	1.25 No	0.5	Primary Over-Voltage
TWL074	613	'5763644_/5763654'	0.4	1.2	3.33	0.57	0.5	1.83	1.25 No	0.4	Primary Over-Voltage
TWL074	614	'5417135_/5417132'	1.4	3.5	10	1.72	1.2	5.49	3.74 No	1.2	Element Fault
TWL074	615	'7704660_/8342121'	0.5	1.2	3.33	0.57	0.4	1.8	1.25 No	0.4	Element Fault
TWL074	616	'5236805_/5236816'	0.5	1.17	3.33	0.57	0.5	1.81	1.25 No	0.5	Primary Over-Voltage
TWL074	617	'5785175_/5785172'	0.43	1.17	3.33	0.57	0.3	1.81	1.25 No	0.3	Element Fault
TWL074	618	'5785295_/5785292'	0.43	1.17	3.33	0.57	0.3	1.81	1.25 No	0.3	Element Fault
TWL074	619	'8649274_/8649271'	0.47	1.17	3.33	0.57	0.4	1.78	1.25 No	0.4	Element Fault
TWL074	620	'70276208_/7704657_2'	0.5	1.17	3.33	0.57	0.4	1.78	1.25 No	0.4	Element Fault
TWL074	621	'5232151_/7093383'	0.5	1.17	3.33	0.57	0.5	1.86	1.25 No	0.5	Primary Over-Voltage
TWL074	622	'43670572_/43670562'	0.5	1.17	3.33	0.57	0.4	1.77	1.25 No	0.4	Element Fault
TWL074	623	'43670583_/7704657_1'	0.5	1.17	3.33	0.57	0.4	1.78	1.25 No	0.4	Element Fault
TWL074	624	'5232633_/5232630'	0.5	1.17	3.33	0.57	0.4	1.76	1.25 No	0.4	Element Fault
TWL074	625	'5417152_/5417149'	1.4	3.5	10	1.72	1.2	5.41	3.74 No	1.2	Element Fault
TWL074	626	'271141976_/5232177_1'	0.5	1.17	3.33	0.57	0.4	1.85	1.25 No	0.4	Element Fault
TWL074	627	'337008321_/337008318'	0.43	1.17	3.33	0.57	0.3	1.77	1.25 No	0.3	Element Fault
TWL074	628	'5232727_/5232724'	0.47	1.17	3.33	0.57	0.4	1.74	1.25 No	0.4	Element Fault
TWL074	629	'43784530_/43784532'	0.43	1.13	3.33	0.57	0.5	1.77	1.25 No	0.43	Primary Over-Voltage
TWL074	630	'5232180_/5232177_2'	0.47	1.13	3.33	0.57	0.4	1.82	1.25 No	0.4	Element Fault
TWL074	631	'43709145_/5416878'	0.47	1.13	3.33	0.57	0.5	1.82	1.25 No	0.47	Primary Over-Voltage
TWL074	632	'5417040_/5417037'	0.47	1.13	3.33	0.57	0.5	1.81	1.25 No	0.47	Primary Over-Voltage
TWL074	633	'5763643_/5763641'	0.37	1.13	3.33	0.57	0.5	1.76	1.25 No	0.37	Primary Over-Voltage
TWL074	634	'43670606_/5232342'	0.5	1.13	3.33	0.57	0.4	1.73	1.25 No	0.4	Element Fault
TWL074	635	'43784563_/5785308'	0.4	1.13	3.33	0.57	0.3	1.73	1.25 No	0.3	Element Fault
TWL074	636	'5232196_/5232193'	0.47	1.13	3.33	0.57	0.4	1.78	1.25 No	0.4	Element Fault
TWL074	637	'5417172_/5417169'	1.3	3.4	10	1.72	1.2	5.22	3.74 No	1.2	Element Fault
TWL074	638	'5232646_/5232643'	0.47	1.1	3.33	0.57	0.4	1.69	1.25 No	0.4	Element Fault
TWL074	639	'5236952_/5236803'	0.47	1.1	3.33	0.57	0.5	1.71	1.25 No	0.47	Primary Over-Voltage
TWL074	640	'337008343_/337008340'	0.4	1.1	3.33	0.57	0.3	1.71	1.25 No	0.3	Element Fault
TWL074	641	'5232416_/5232413'	0.47	1.1	3.33	0.57	0.4	1.69	1.25 No	0.4	Element Fault
TWL074	642	'9376789_/69652010'	0.47	1.1	3.33	0.57	1.8	1.77	1.25 No	0.47	Primary Over-Voltage
TWL074	643	'5416696_/5416693'	0.47	1.1	3.33	0.57	0.5	1.76	1.25 No	0.47	Primary Over-Voltage
TWL074	644	'5232138_/5232148'	0.47	1.1	3.33	0.57	0.5	1.76	1.25 No	0.47	Primary Over-Voltage
TWL074	645	'5784409_/5785159'	0.4	1.1	3.33	0.57	0.5	1.7	1.25 No	0.4	Primary Over-Voltage
TWL074	646	'43670595_/43670585'	0.47	1.1	3.33	0.57	0.4	1.68	1.25 No	0.4	Element Fault
TWL074	647	'43784585_/337008416'	0.4	1.1	3.33	0.57	0.3	1.7	1.25 No	0.3	Element Fault
TWL074	648	'5232740_/5232737'	0.43	1.1	3.33	0.57	0.4	1.67	1.25 No	0.4	Element Fault
TWL074	649	'8995712_/8995709_1'	0.4	1.1	3.33	0.57	0.2	1.69	1.25 No	0.2	Element Fault
TWL074	650	'108758735_/5416706_1'	0.47	1.1	3.33	0.57	0.3	1.74	1.25 No	0.3	Element Fault
TWL074	651	'239514706_/9376786_2'	0.43	1.1	3.33	0.57	1.8	1.74	1.25 No	0.43	Primary Over-Voltage
TWL074	652	'5417053_/5417050'	0.47	1.1	3.33	0.57	0.5	1.73	1.25 No	0.47	Primary Over-Voltage
TWL074	653	'5785512_/337008356'	0.4	1.1	3.33	0.57	0.3	1.68	1.25 No	0.3	Element Fault
TWL074	654	'5416709_/5416706_2'	0.47	1.1	3.33	0.57	0.3	1.73	1.25 No	0.3	Element Fault
TWL074	655	'5741202_/9376786_1'	0.43	1.1	3.33	0.57	0.5	1.73	1.25 No	0.43	Primary Over-Voltage
TWL074	656	'5232209_/5232206'	0.47	1.1	3.33	0.57	0.4	1.72	1.25 No	0.4	Element Fault
TWL074	657	'5417192_/5417189'	1.3	3.3	10	1.72	1.2	5.07	3.74 No	1.2	Element Fault
TWL074	658	'43784574_/43784587'	0.4	1.07	3.33	0.57	0.3	1.65	1.25 No	0.3	Element Fault
TWL074	659	'43670618_/43670608'	0.47	1.07	3.33	0.57	0.4	1.64	1.25 No	0.4	Element Fault
TWL074	660	'5232429_/5232426'	0.47	1.07	3.33	0.57	0.4	1.63	1.25 No	0.4	Element Fault
TWL074	661	'43670257_/43670259'	0.43	1.07	3.33	0.57	0.5	1.65	1.25 No	0.43	Primary Over-Voltage
TWL074	662	'5232020_/5232135'	0.43	1.07	3.33	0.57	0.5	1.69	1.25 No	0.43	Primary Over-Voltage
TWL074	663	'5785323_/43784565'	0.4	1.07	3.33	0.57	0.3	1.64	1.25 No	0.3	Element Fault
TWL074	664	'43670685_/5232656'	0.43	1.07	3.33	0.57	0.4	1.61	1.25 No	0.4	Element Fault
TWL074	665	'622498182_/5232018_1'	0.43	1.07	3.33	0.57	0.3	1.68	1.25 No	0.3	Element Fault
TWL074	666	'5232753_/5232750'	0.43	1.07	3.33	0.57	0.4	1.61	1.25 No	0.4	Element Fault
TWL074	667	'5784396_/5784406'	0.4	1.07	3.33	0.57	0.5	1.63	1.25 No	0.4	Primary Over-Voltage
TWL074	668	'5232316_/5232313'	0.43	1.03	3.33	0.57	0.4	1.61	1.25 No	0.4	Element Fault
TWL074	669	'43784596_/5785509'	0.4	1.03	3.33	0.57	0.3	1.63	1.25 No	0.3	Element Fault
TWL074	670	'7711861_/9589335'	1.2	3.1	10	1.72	1.2	4.91	3.74 No	1.2	Primary Over-Voltage
TWL074	671	'5416722_/5416719'	0.43	1.03	3.33	0.57	0.3	1.67	1.25 No	0.3	Element Fault
TWL074	672	'5741203_/5741200'	0.43	1.03	3.33	0.57	0.5	1.67	1.25 No	0.43	Primary Over-Voltage
TWL074	673	'43709167_/7093399'	0.43	1.03	3.33	0.57	0.4	1.67	1.25 No	0.4	Element Fault
TWL074	674	'5784422_/5784419'	0.4	1.03	3.33	0.57	0.5	1.62	1.25 No	0.4	Primary Over-Voltage
TWL074	675	'5417066_/5417063'	0.43	1.03	3.33	0.57	0.5	1.66	1.25 No	0.43	Primary Over-Voltage
TWL074	676	'471472022_/5785094_1'	0.4	1.03	3.33	0.57	0.3	1.62	1.25 No	0.3	Element Fault
TWL074	677	'5232766_/5232763'	0.4	1.03	3.33	0.57	0.4	1.59	1.25 No	0.4	Primary Over-Voltage
TWL074	678	'5417212_/5417209'	1.2	3.1	10	1.72	1.2	4.88	3.74 No	1.2	Primary Over-Voltage
TWL074	679	'5785243_/5785240'	0.37	1.03	3.33	0.57	0.3	1.61	1.25 No	0.3	Element Fault
TWL074	680	'8655404_/9288963_1'	1.2	3.1	10	1.72	0.9	4.87	3.74 No	0.9	Element Fault
TWL074	681	'45264152_/5232669'	0.43	1.03	3.33	0.57	0.4	1.58	1.25 No	0.4	Element Fault
TWL074	682	'5232021_/5232018_2'	0.43	1.03	3.33	0.57	0.3	1.65	1.25 No	0.3	Element Fault
TWL074	683	'9288966_/9288963_2'	1.2	3.1	10	1.72	0.9	4.82	3.74 No	0.9	Element Fault
TWL074	684	'5232442_/5232439'	0.43	1.03	3.33	0.57	0.4	1.58	1.25 No	0.4	Element Fault
TWL074	685	'7415637_/8995709_2'	0.37	1.03	3.33	0.57	0.2	1.59	1.25 No	0.2	Element Fault
TWL074	686	'43709123_/5416732'	0.43	1.03	3.33	0.57	0.3	1.63	1.25 No	0.3	Element Fault
TWL074	687	'5763239_/5784393'	0.37	1.03	3.33	0.57	0.5	1.59	1.25 No	0.37	Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TWL074	688	'5232361_/5232358'	0.43	1.03	3.33	0.57	0.4	1.57	1.25 No	0.4	Element Fault
TWL074	689	'5785324_/5785321'	0.37	1.03	3.33	0.57	0.3	1.59	1.25 No	0.3	Element Fault
TWL074	690	'5785097_/5785094_2'	0.37	1	3.33	0.57	0.3	1.57	1.25 No	0.3	Element Fault
TWL074	691	'5743362_/5743359'	0.4	1	3.33	0.57	0.5	1.62	1.25 No	0.4	Primary Over-Voltage
TWL074	692	'7398747_/7711859'	1.2	3	10	1.72	1.2	4.74	3.74 No	1.2	Primary Over-Voltage
TWL074	693	'43709260_/5232329'	0.43	1	3.33	0.57	0.4	1.56	1.25 No	0.4	Element Fault
TWL074	694	'5785256_/5785253'	0.37	1	3.33	0.57	0.3	1.56	1.25 No	0.3	Element Fault
TWL074	695	'5416907_/43709169'	0.43	1	3.33	0.57	0.4	1.59	1.25 No	0.4	Element Fault
TWL074	696	'43709211_/5417076'	0.4	1	3.33	0.57	0.5	1.59	1.25 No	0.4	Primary Over-Voltage
TWL074	697	'5785110_/5785107'	0.37	1	3.33	0.57	0.3	1.54	1.25 No	0.3	Element Fault
TWL074	698	'5785337_/5785334'	0.37	1	3.33	0.57	0.3	1.54	1.25 No	0.3	Element Fault
TWL074	699	'5232112_/5232122'	0.4	1	3.33	0.57	0.3	1.58	1.25 No	0.3	Element Fault
TWL074	700	'5247093_/5247090'	0.43	1	3.33	0.57	0.4	1.52	1.25 No	0.4	Element Fault
TWL074	701	'5763238_/5763236'	0.37	0.97	3.33	0.57	0.5	1.53	1.25 No	0.37	Primary Over-Voltage
TWL074	702	'5232374_/5232371'	0.43	0.97	3.33	0.57	0.4	1.52	1.25 No	0.4	Element Fault
TWL074	703	'43709265_/43709262'	0.4	0.97	3.33	0.57	0.4	1.52	1.25 No	0.4	Primary Over-Voltage
TWL074	704	'43784519_/5785120'	0.37	0.97	3.33	0.57	0.3	1.52	1.25 No	0.3	Element Fault
TWL074	705	'45169101_/5417089'	0.4	0.97	3.33	0.57	0.5	1.56	1.25 No	0.4	Primary Over-Voltage
TWL074	706	'5247106_/5247103'	0.4	0.97	3.33	0.57	0.4	1.51	1.25 No	0.4	Primary Over-Voltage
TWL074	707	'5416748_/43709125'	0.4	0.97	3.33	0.57	0.3	1.56	1.25 No	0.3	Element Fault
TWL074	708	'7398746_/7398744'	1.1	2.9	10	1.72	1.2	4.58	3.74 No	1.1	Primary Over-Voltage
TWL074	709	'5785269_/5785266'	0.37	0.97	3.33	0.57	0.3	1.51	1.25 No	0.3	Element Fault
TWL074	710	'5416923_/5416920'	0.4	0.97	3.33	0.57	0.4	1.54	1.25 No	0.4	Primary Over-Voltage
TWL074	711	'154557145_/8976027'	1.1	2.9	10	1.72	1.2	4.53	3.74 No	1.1	Primary Over-Voltage
TWL074	712	'7712055_/8035001'	1.1	2.9	10	1.72	1.2	4.5	3.74 No	1.1	Primary Over-Voltage
TWL074	713	'7415638_/7415635'	0.37	0.97	3.33	0.57	0.2	1.49	1.25 No	0.2	Element Fault
TWL074	714	'43670516_/5232109'	0.4	0.93	3.33	0.57	0.3	1.52	1.25 No	0.3	Element Fault
TWL074	715	'5763346_/5763356'	0.37	0.93	3.33	0.57	0.5	1.48	1.25 No	0.37	Primary Over-Voltage
TWL074	716	'5236498_/5236894'	0.4	0.93	3.33	0.57	0.5	1.48	1.25 No	0.4	Primary Over-Voltage
TWL074	717	'5232387_/5232384'	0.4	0.93	3.33	0.57	0.4	1.47	1.25 No	0.4	Primary Over-Voltage
TWL074	718	'5785054_/43784521'	0.37	0.93	3.33	0.57	0.3	1.47	1.25 No	0.3	Element Fault
TWL074	719	'5416936_/5416933'	0.4	0.93	3.33	0.57	0.4	1.5	1.25 No	0.4	Primary Over-Voltage
TWL074	720	'5416761_/5416758'	0.4	0.93	3.33	0.57	0.3	1.5	1.25 No	0.3	Element Fault
TWL074	721	'5785282_/5785279'	0.33	0.93	3.33	0.57	0.3	1.46	1.25 No	0.3	Element Fault
TWL074	722	'5236964_/5236962'	0.4	0.93	3.33	0.57	0.5	1.46	1.25 No	0.4	Primary Over-Voltage
TWL074	723	'421639982_/5238460_2'	0.4	0.93	3.33	0.57	0.5	1.45	1.25 No	0.4	Primary Over-Voltage
TWL074	724	'5785055_/5785052'	0.33	0.93	3.33	0.57	0.3	1.44	1.25 No	0.3	Element Fault
TWL074	725	'7712136_/434553241'	0.67	1.8	6.67	1.14	0.8	2.89	2.49 No	0.67	Primary Over-Voltage
TWL074	726	'5416949_/5416946'	0.37	0.9	3.33	0.57	0.4	1.46	1.25 No	0.37	Primary Over-Voltage
TWL074	727	'8034706_/8975847'	0.67	1.8	6.67	1.14	0.8	2.88	2.49 No	0.67	Primary Over-Voltage
TWL074	728	'447227294_/447227296'	0.4	0.9	3.33	0.57	0.5	1.42	1.25 No	0.4	Primary Over-Voltage
TWL074	729	'5232086_/5232096'	0.37	0.9	3.33	0.57	0.3	1.46	1.25 No	0.3	Element Fault
TWL074	730	'5796737_/5796734'	0.33	0.9	3.33	0.57	0.3	1.42	1.25 No	0.3	Element Fault
TWL074	731	'71378018_/52966911'	0.67	1.8	6.67	1.14	0.8	2.86	2.49 No	0.67	Primary Over-Voltage
TWL074	732	'43671823_/5238460_1'	0.37	0.9	3.33	0.57	0.3	1.41	1.25 No	0.3	Element Fault
TWL074	733	'5785042_/5785068'	0.33	0.9	3.33	0.57	0.3	1.41	1.25 No	0.3	Element Fault
TWL074	734	'43779126_/5763343'	0.33	0.9	3.33	0.57	0.5	1.41	1.25 No	0.33	Primary Over-Voltage
TWL074	735	'43709134_/5416771'	0.37	0.9	3.33	0.57	0.3	1.44	1.25 No	0.3	Element Fault
TWL074	736	'52966936_/7712053'	1	2.7	10	1.72	1.2	4.25	3.74 No	1	Primary Over-Voltage
TWL074	737	'5785029_/5785039'	0.33	0.87	3.33	0.57	0.3	1.39	1.25 No	0.3	Element Fault
TWL074	738	'43709178_/5416959'	0.37	0.87	3.33	0.57	0.4	1.42	1.25 No	0.37	Primary Over-Voltage
TWL074	739	'5785084_/5785081'	0.33	0.87	3.33	0.57	0.3	1.38	1.25 No	0.3	Element Fault
TWL074	740	'7164626_/7164623'	0.37	0.87	3.33	0.57	0.4	1.37	1.25 No	0.37	Primary Over-Voltage
TWL074	741	'5238437_/5238447'	0.37	0.87	3.33	0.57	0.3	1.37	1.25 No	0.3	Element Fault
TWL074	742	'5232073_/5232083'	0.37	0.87	3.33	0.57	0.3	1.4	1.25 No	0.3	Element Fault
TWL074	743	'5416787_/43709136'	0.37	0.87	3.33	0.57	0.3	1.39	1.25 No	0.3	Element Fault
TWL074	744	'5236472_/5236482'	0.37	0.87	3.33	0.57	0.5	1.35	1.25 No	0.37	Primary Over-Voltage
TWL074	745	'69433036_/7164634'	0.37	0.87	3.33	0.57	0.4	1.34	1.25 No	0.37	Primary Over-Voltage
TWL074	746	'5416975_/5416972'	0.37	0.87	3.33	0.57	0.4	1.38	1.25 No	0.37	Primary Over-Voltage
TWL074	747	'5785016_/5785026'	0.33	0.87	3.33	0.57	0.3	1.35	1.25 No	0.3	Element Fault
TWL074	748	'5232060_/5232070'	0.37	0.87	3.33	0.57	0.3	1.38	1.25 No	0.3	Element Fault
TWL074	749	'5417246_/5417243'	0.37	0.83	3.33	0.57	0.4	1.34	1.25 No	0.37	Primary Over-Voltage
TWL074	750	'5763333_/5763369'	0.3	0.83	3.33	0.57	0.5	1.34	1.25 No	0.3	Primary Over-Voltage
TWL074	751	'5236754_/5238434'	0.37	0.83	3.33	0.57	0.3	1.33	1.25 No	0.3	Element Fault
TWL074	752	'5236595_/5236923'	0.37	0.83	3.33	0.57	0.5	1.33	1.25 No	0.37	Primary Over-Voltage
TWL074	753	'5784451_/5785013'	0.3	0.83	3.33	0.57	0.3	1.32	1.25 No	0.3	Primary Over-Voltage
TWL074	754	'43670527_/5232057'	0.33	0.83	3.33	0.57	0.3	1.35	1.25 No	0.3	Element Fault
TWL074	755	'447227353_/447227355'	0.37	0.83	3.33	0.57	0.5	1.32	1.25 No	0.37	Primary Over-Voltage
TWL074	756	'5416800_/5416797'	0.33	0.83	3.33	0.57	0.3	1.34	1.25 No	0.3	Element Fault
TWL074	757	'43670290_/43670292'	0.37	0.83	3.33	0.57	0.5	1.31	1.25 No	0.37	Primary Over-Voltage
TWL074	758	'43709222_/5425511'	0.37	0.83	3.33	0.57	0.4	1.3	1.25 No	0.37	Primary Over-Voltage
TWL074	759	'5763320_/5763330'	0.3	0.83	3.33	0.57	0.5	1.31	1.25 No	0.3	Primary Over-Voltage
TWL074	760	'43709189_/5416985'	0.33	0.83	3.33	0.57	0.4	1.33	1.25 No	0.33	Primary Over-Voltage
TWL074	761	'5236753_/5236751'	0.33	0.83	3.33	0.57	0.3	1.3	1.25 No	0.3	Element Fault
TWL074	762	'5403130_/43709224_1'	0.37	0.83	3.33	0.57	0.3	1.3	1.25 No	0.3	Element Fault
TWL074	763	'5416813_/5416810'	0.33	0.83	3.33	0.57	0.3	1.33	1.25 No	0.3	Element Fault
TWL074	764	'5774653_/5784448'	0.3	0.8	3.33	0.57	0.3	1.28	1.25 No	0.3	Primary Over-Voltage
TWL074	765	'5236569_/5236579'	0.33	0.8	3.33	0.57	0.5	1.28	1.25 No	0.33	Primary Over-Voltage
TWL074	766	'5232034_/5232044'	0.33	0.8	3.33	0.57	0.3	1.3	1.25 No	0.3	Element Fault
TWL074	767	'43709156_/5416823'	0.33	0.8	3.33	0.57	0.3	1.3	1.25 No	0.3	Element Fault
TWL074	768	'5763307_/5763317'	0.3	0.8	3.33	0.57	0.5	1.27	1.25 No	0.3	Primary Over-Voltage
TWL074	769	'43711413_/43709224_2'	0.33	0.8	3.33	0.57	0.3	1.26	1.25 No	0.3	Element Fault
TWL074	770	'5236857_/5236855'	0.33	0.8	3.33	0.57	0.5	1.26	1.25 No	0.33	Primary Over-Voltage
TWL074	771	'43670246_/43670248'	0.33	0.8	3.33	0.57	0.3	1.26	1.25 No	0.3	Element Fault
TWL074	772	'5416988_/43709191'	0.33	0.8	3.33	0.57	0.4	1.28	1.25 No	0.33	Primary Over-Voltage
TWL074	773	'5763521_/5774650'	0.3	0.8	3.33	0.57	0.3	1.25	1.25 No	0.3	Primary Over-Voltage
TWL074	774	'5236845_/5236910'	0.33	0.77	3.33	0.57	0.5	1.24	1.25 No	0.33	Primary Over-Voltage
TWL074	775	'5236556_/5236566'	0.33	0.77	3.33	0.57	0.5	1.24	1.25 No	0.33	Primary Over-Voltage
TWL074	776	'5763291_/5763304'	0.3	0.77	3.33	0.57	0.5	1.24	1.25 No	0.3	Primary Over-Voltage
TWL074	777	'5232033_/5232031'	0.33	0.77	3.33	0.57	0.3	1.26	1.25 No	0.3	Element Fault
TWL074	778	'43709161_/43709158'	0.33	0.77	3.33	0.57	0.3	1.26	1.25 No	0.3	Element Fault
TWL074	779	'5236728_/5236738'	0.33	0.77	3.33	0.57	0.3	1.23	1.25 No	0.3	Element Fault
TWL074	780	'622042042_/7477788'	0.33	0.77	3.33	0.57	0.4	1.25	1.25 No	0.33	Primary Over-Voltage
TWL074	781	'5403116_/5403114'	0.33	0.77	3.33	0.57	0.3	1.22	1.25 No	0.3	Element Fault

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TWL074	782	'43779148_/5763518'	0.3	0.77	3.33	0.57	0.3	1.22	1.25 No	0.3	Primary Over-Voltage
TWL074	783	'7399141_/9289945_1'	0.33	0.77	3.33	0.57	0.2	1.21	1.25 No	0.2	Element Fault
TWL074	784	'43670301_/5236842'	0.33	0.77	3.33	0.57	0.5	1.21	1.25 No	0.33	Primary Over-Voltage
TWL074	785	'43670279_/5236553'	0.33	0.77	3.33	0.57	0.5	1.2	1.25 No	0.33	Primary Over-Voltage
TWL074	786	'5236715_/5236725'	0.33	0.73	3.33	0.57	0.3	1.2	1.25 No	0.3	Element Fault
TWL074	787	'5763508_/5763544'	0.27	0.73	3.33	0.57	0.3	1.19	1.25 No	0.27	Primary Over-Voltage
TWL074	788	'5417258_/5417256'	0.33	0.73	3.33	0.57	0.3	1.19	1.25 No	0.3	Element Fault
TWL074	789	'43779115_/43779117'	0.27	0.73	3.33	0.57	0.5	1.18	1.25 No	0.27	Primary Over-Voltage
TWL074	790	'5232287_/7093431'	0.3	0.73	3.33	0.57	0.3	1.17	1.25 No	0.3	Primary Over-Voltage
TWL074	791	'5232163_/622042046'	0.3	0.73	3.33	0.57	0.4	1.19	1.25 No	0.3	Primary Over-Voltage
TWL074	792	'5236714_/5236712'	0.3	0.73	3.33	0.57	0.3	1.17	1.25 No	0.3	Primary Over-Voltage
TWL074	793	'9289948_/9289945_2'	0.3	0.73	3.33	0.57	0.2	1.16	1.25 No	0.2	Element Fault
TWL074	794	'5763495_/5763505'	0.27	0.73	3.33	0.57	0.3	1.16	1.25 No	0.27	Primary Over-Voltage
TWL074	795	'5236634_/5236829'	0.3	0.73	3.33	0.57	0.5	1.16	1.25 No	0.3	Primary Over-Voltage
TWL074	796	'5236527_/5236537'	0.3	0.73	3.33	0.57	0.5	1.16	1.25 No	0.3	Primary Over-Voltage
TWL074	797	'5232164_/5232161'	0.3	0.73	3.33	0.57	0.4	1.17	1.25 No	0.3	Primary Over-Voltage
TWL074	798	'5763265_/5763275'	0.27	0.7	3.33	0.57	0.5	1.15	1.25 No	0.27	Primary Over-Voltage
TWL074	799	'5232274_/5232284'	0.3	0.7	3.33	0.57	0.3	1.14	1.25 No	0.3	Primary Over-Voltage
TWL074	800	'43670312_/5236631'	0.3	0.7	3.33	0.57	0.5	1.14	1.25 No	0.3	Primary Over-Voltage
TWL074	801	'5763482_/5763492'	0.27	0.7	3.33	0.57	0.3	1.14	1.25 No	0.27	Primary Over-Voltage
TWL074	802	'5236511_/5236524'	0.3	0.7	3.33	0.57	0.5	1.14	1.25 No	0.3	Primary Over-Voltage
TWL074	803	'5763466_/5763479'	0.27	0.7	3.33	0.57	0.3	1.12	1.25 No	0.27	Primary Over-Voltage
TWL074	804	'5763252_/5763262'	0.27	0.7	3.33	0.57	0.5	1.12	1.25 No	0.27	Primary Over-Voltage
TWL074	805	'43670538_/5232271'	0.3	0.7	3.33	0.57	0.3	1.11	1.25 No	0.3	Primary Over-Voltage
TWL074	806	'5236608_/5236618'	0.3	0.7	3.33	0.57	0.5	1.11	1.25 No	0.3	Primary Over-Voltage
TWL074	807	'8649226_/9597529_1'	0.3	0.7	3.33	0.57	0.5	1.11	1.25 No	0.3	Primary Over-Voltage
TWL074	808	'43670268_/5236508'	0.3	0.7	3.33	0.57	0.5	1.11	1.25 No	0.3	Primary Over-Voltage
TWL074	809	'7392444_/9597529_2'	0.3	0.7	3.33	0.57	0.5	1.1	1.25 No	0.3	Primary Over-Voltage
TWL074	810	'43779137_/43779139'	0.27	0.7	3.33	0.57	0.3	1.1	1.25 No	0.27	Primary Over-Voltage
TWL074	811	'5763251_/5763249'	0.27	0.67	3.33	0.57	0.5	1.1	1.25 No	0.27	Primary Over-Voltage
TWL074	812	'5236607_/5236605'	0.3	0.67	3.33	0.57	0.5	1.09	1.25 No	0.3	Primary Over-Voltage
TWL074	813	'7392459_/8342839_1'	0.3	0.67	3.33	0.57	0.3	1.09	1.25 No	0.3	Primary Over-Voltage
TWL074	814	'5763440_/5763450'	0.27	0.67	3.33	0.57	0.3	1.08	1.25 No	0.27	Primary Over-Voltage
TWL074	815	'71378005_/52967069'	0.3	0.67	3.33	0.57	0.4	1.09	1.25 No	0.3	Primary Over-Voltage
TWL074	816	'52966846_/71378009'	0.3	0.67	3.33	0.57	0.4	1.09	1.25 No	0.3	Primary Over-Voltage
TWL074	817	'71377994_/71377991'	0.3	0.67	3.33	0.57	0.4	1.09	1.25 No	0.3	Primary Over-Voltage
TWL074	818	'71377982_/71377979'	0.3	0.67	3.33	0.57	0.4	1.09	1.25 No	0.3	Primary Over-Voltage
TWL074	819	'5232248_/5232258'	0.3	0.67	3.33	0.57	0.3	1.08	1.25 No	0.3	Primary Over-Voltage
TWL074	820	'7392445_/7392442'	0.3	0.67	3.33	0.57	0.5	1.08	1.25 No	0.3	Primary Over-Voltage
TWL074	821	'5236938_/5236936'	0.3	0.67	3.33	0.57	0.5	1.08	1.25 No	0.3	Primary Over-Voltage
TWL074	822	'5758471_/7093254'	0.3	0.67	3.33	0.57	0.5	1.07	1.25 No	0.3	Primary Over-Voltage
TWL074	823	'5763427_/5763437'	0.23	0.67	3.33	0.57	0.3	1.06	1.25 No	0.23	Primary Over-Voltage
TWL074	824	'43710987_/9289289'	0.27	0.67	3.33	0.57	0.4	1.07	1.25 No	0.27	Primary Over-Voltage
TWL074	825	'7705780_/7705777'	0.27	0.67	3.33	0.57	0.5	1.06	1.25 No	0.27	Primary Over-Voltage
TWL074	826	'319125766_/319125797'	0.27	0.67	3.33	0.57	0.4	1.06	1.25 No	0.27	Primary Over-Voltage
TWL074	827	'8649988_/8649985'	0.27	0.67	3.33	0.57	0.5	1.05	1.25 No	0.27	Primary Over-Voltage
TWL074	828	'5232235_/5232245'	0.27	0.67	3.33	0.57	0.3	1.05	1.25 No	0.27	Primary Over-Voltage
TWL074	829	'5763414_/5763424'	0.23	0.63	3.33	0.57	0.3	1.05	1.25 No	0.23	Primary Over-Voltage
TWL074	830	'8969024_/8969021'	0.27	0.63	3.33	0.57	0.5	1.04	1.25 No	0.27	Primary Over-Voltage
TWL074	831	'5758472_/5758469'	0.27	0.63	3.33	0.57	0.5	1.04	1.25 No	0.27	Primary Over-Voltage
TWL074	832	'5763401_/5763411'	0.23	0.63	3.33	0.57	0.3	1.04	1.25 No	0.23	Primary Over-Voltage
TWL074	833	'5232222_/5232232'	0.27	0.63	3.33	0.57	0.3	1.02	1.25 No	0.27	Primary Over-Voltage
TWL074	834	'8025151_/8342839_2'	0.27	0.63	3.33	0.57	0.3	1.02	1.25 No	0.27	Primary Over-Voltage
TWL074	835	'43779159_/43779161'	0.23	0.63	3.33	0.57	0.3	1.02	1.25 No	0.23	Primary Over-Voltage
TWL074	836	'5236647_/7093283'	0.27	0.63	3.33	0.57	0.5	1.02	1.25 No	0.27	Primary Over-Voltage
TWL074	837	'5236646_/5236644'	0.27	0.63	3.33	0.57	0.5	1.01	1.25 No	0.27	Primary Over-Voltage
TWL074	838	'43671834_/5238486'	0.27	0.63	3.33	0.57	0.5	1.01	1.25 No	0.27	Primary Over-Voltage
TWL074	839	'43671833_/5238473'	0.27	0.63	3.33	0.57	0.5	1	1.25 No	0.27	Primary Over-Voltage
TWL074	840	'43670549_/5232219'	0.27	0.63	3.33	0.57	0.3	1	1.25 No	0.27	Primary Over-Voltage
TWL074	841	'5763384_/5763382'	0.23	0.6	3.33	0.57	0.3	1	1.25 No	0.23	Primary Over-Voltage
TWL074	842	'5236686_/5236683'	0.27	0.6	3.33	0.57	0.5	0.99	1.25 No	0.27	Primary Over-Voltage
TWL074	843	'5763533_/5763531'	0.23	0.6	3.33	0.57	0.3	0.99	1.25 No	0.23	Primary Over-Voltage
TWL074	844	'8025150_/8025148'	0.27	0.6	3.33	0.57	0.3	0.98	1.25 No	0.27	Primary Over-Voltage
TWL074	845	'5232792_/5232802'	0.27	0.6	3.33	0.57	0.3	0.97	1.25 No	0.27	Primary Over-Voltage
TWL074	846	'5236673_/5236696'	0.27	0.6	3.33	0.57	0.5	0.97	1.25 No	0.27	Primary Over-Voltage
TWL074	847	'5232779_/5232789'	0.27	0.6	3.33	0.57	0.3	0.96	1.25 No	0.27	Primary Over-Voltage
TWL074	848	'43670323_/43670325'	0.23	0.6	3.33	0.57	0.5	0.95	1.25 No	0.23	Primary Over-Voltage
TWL074	849	'5232778_/5232776'	0.23	0.57	3.33	0.57	0.3	0.93	1.25 No	0.23	Primary Over-Voltage
TWL074	850	'44674935_/5236657'	0.23	0.57	3.33	0.57	0.5	0.93	1.25 No	0.23	Primary Over-Voltage
TWL075	0	'8035383_/8976501'	3.9	10	10	0.63	10	10	10 No	0.63	Thermal Discharging
TWL075	1	'8035384_/8035381'	1.4	10	10	0.63	10	10	4.3 No	0.63	Thermal Discharging
TWL075	2	'7398985_/9289885'	1.4	10	10	0.63	10	10	4.3 No	0.63	Thermal Discharging
TWL075	3	'564697248_/564697254'	1.2	10	10	0.63	10	10	4.3 No	0.63	Thermal Discharging
TWL075	4	'564697105_/564697316'	1.1	10	10	0.63	10	10	4.3 No	0.63	Thermal Discharging
TWL075	5	'564696990_/564696414'	1	10	10	0.63	10	10	4.3 No	0.63	Thermal Discharging
TWL075	6	'564697113_/564696426'	0.9	10	10	0.63	10	10	4.3 No	0.63	Thermal Discharging
TWL075	7	'564697109_/564696420'	0.9	10	10	0.63	10	10	4.3 No	0.63	Thermal Discharging
TWL075	8	'564697101_/564696408'	0.8	10	10	0.63	10	10	4.3 No	0.63	Thermal Discharging
TWL075	9	'7398984_/564697337'	0.8	10	10	0.63	1.6	10	4.3 No	0.63	Thermal Discharging
TWL075	10	'7712976_/9604379'	0.7	10	10	0.63	10	10	4.3 No	0.63	Thermal Discharging
TWL075	11	'564697184_/564697213'	0.7	10	10	0.63	10	10	4.3 No	0.63	Thermal Discharging
TWL075	12	'547614230_/564697188'	0.47	6.67	6.67	0.42	1	6.67	2.86 No	0.42	Thermal Discharging
TWL075	13	'7712975_/7712973'	0.7	10	10	0.63	10	10	4.3 No	0.63	Thermal Discharging
TWL075	14	'547614261_/547614234'	0.6	10	10	0.63	10	10	4.3 No	0.6	Primary Over-Voltage
TWL075	15	'8419047_/8976401'	0.6	10	10	0.63	10	10	4.3 No	0.6	Primary Over-Voltage
TWL075	16	'503784253_/503784353'	0.8	10	10	0.63	1.6	10	4.3 No	0.63	Thermal Discharging
TWL075	17	'503784074_/503784077'	0.47	6.67	6.67	0.42	1	6.67	2.86 No	0.42	Thermal Discharging
TWL075	18	'503784249_/503784071'	0.6	10	10	0.63	10	10	4.3 No	0.6	Primary Over-Voltage
TWL075	19	'503784261_/503784089'	0.5	10	10	0.63	10	10	4.3 No	0.5	Primary Over-Voltage
TWL075	20	'503784257_/503784083'	0.5	10	10	0.63	10	10	4.3 No	0.5	Primary Over-Voltage
TWL075	21	'547614034_/547614290'	0.5	10	10	0.63	10	10	4.3 No	0.5	Primary Over-Voltage
TWL075	22	'547614033_/547614031'	0.8	10	10	0.63	1.6	10	4.3 No	0.63	Thermal Discharging
TWL075	23	'547614046_/547614043'	0.8	10	10	0.63	1.6	10	4.3 No	0.63	Thermal Discharging
TWL075	24	'547614052_/547614049'	0.8	10	10	0.63	1.6	10	4.3 No	0.63	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TWL075	25	'547614040_/_547614037'	0.8	10	10	0.63	1.6	10	4.3 No	0.63	Thermal Discharging
TWL075	26	'504064675_/_504063207'	0.8	10	10	0.63	1.6	10	4.3 No	0.63	Thermal Discharging
TWL075	27	'5424835_/_547614265'	0.8	10	10	0.63	1.5	10	4.3 No	0.63	Thermal Discharging
TWL075	28	'571412532_/_7091059_2'	0.8	10	10	0.63	1.6	10	4.3 No	0.63	Thermal Discharging
TWL075	29	'504064822_/_504064679'	0.8	10	10	0.63	1.6	10	4.3 No	0.63	Thermal Discharging
TWL075	30	'5786666_/_7091059_1'	0.8	10	10	0.63	1.6	10	4.3 No	0.63	Thermal Discharging
TWL075	31	'580145686_/_504063571_2'	0.8	10	10	0.63	1.6	10	4.3 No	0.63	Thermal Discharging
TWL075	32	'5764084_/_504063571_1'	0.8	10	10	0.63	1.6	10	4.3 No	0.63	Thermal Discharging
TWL075	33	'5424852_/_7091076'	0.8	10	10	0.63	0.9	10	4.3 No	0.63	Thermal Discharging
TWL075	34	'8995412_/_504064826'	0.2	10	10	0.63	10	10	4.3 No	0.2	Primary Over-Voltage
TWL075	35	'5764055_/_5786663_2'	0.8	10	10	0.63	0.9	10	4.3 No	0.63	Thermal Discharging
TWL075	36	'43779440_/_5786663_1'	0.2	10	10	0.63	10	10	4.3 No	0.2	Primary Over-Voltage
TWL075	37	'43711156_/_5424850'	0.8	10	10	0.63	0.9	10	4.3 No	0.63	Thermal Discharging
TWL075	38	'504064759_/_504064734_1'	0.53	6.67	6.67	0.42	1.07	6.67	2.86 No	0.42	Thermal Discharging
TWL075	39	'5424795_/_5424867'	0.2	10	10	0.63	10	10	4.3 No	0.2	Primary Over-Voltage
TWL075	40	'5764476_/_504064734_2'	0.1	10	10	0.63	10	10	4.3 No	0.1	Primary Over-Voltage
TWL075	41	'5424796_/_5424793'	0.1	10	10	0.63	10	10	4.3 No	0.1	Primary Over-Voltage
TWL075	42	'547613560_/_504064851_2'	0.1	10	10	0.63	10	10	4.3 No	0.1	Primary Over-Voltage
TWL075	43	'5422076_/_5424810'	0.1	10	10	0.63	10	10	4.3 No	0.1	Primary Over-Voltage
TWL075	44	'5433455_/_5433452'	0.1	10	10	0.63	4.9	10	4.3 No	0.1	Primary Over-Voltage
TWL075	45	'5786646_/_7091039'	0.1	10	10	0.63	10	10	4.3 No	0.1	Primary Over-Voltage
TWL075	46	'503783565_/_503784302'	0.1	10	10	0.63	4.9	10	4.3 No	0.1	Primary Over-Voltage
TWL075	47	'503783440_/_503783443'	0.1	10	10	0.63	10	10	4.3 No	0.1	Primary Over-Voltage
TWL075	48	'503783569_/_503783449'	0.1	10	10	0.63	10	10	4.3 No	0.1	Primary Over-Voltage
TWL075	49	'503783573_/_503783455'	0.1	10	10	0.63	10	10	4.3 No	0.1	Primary Over-Voltage
TWL075	50	'503783561_/_503783437'	0.1	9.9	10	0.63	10	10	4.3 No	0.1	Primary Over-Voltage
TWL075	51	'503784645_/_504063012'	0.1	9.8	10	0.63	10	10	4.3 No	0.1	Primary Over-Voltage
TWL075	52	'5763627_/_5786643'	0.1	9.7	10	0.63	10	10	4.3 No	0.1	Primary Over-Voltage
TWL075	53	'8365412_/_504063230'	0.1	9.6	10	0.63	4.9	10	4.3 No	0.1	Primary Over-Voltage
TWL075	54	'5784492_/_5787021'	0.1	9.5	10	0.63	10	10	4.3 No	0.1	Primary Over-Voltage
TWL075	55	'504063008_/_503784426'	0.1	9.4	10	0.63	10	10	4.3 No	0.1	Primary Over-Voltage
TWL075	56	'43779313_/_504063145'	0.1	9.3	10	0.63	4.8	10	4.3 No	0.1	Primary Over-Voltage
TWL075	57	'504063194_/_5786814_2'	0.1	9.3	10	0.63	10	10	4.3 No	0.1	Primary Over-Voltage
TWL075	58	'5791281_/_5791278'	0.1	9.3	10	0.63	1.5	10	4.3 No	0.1	Primary Over-Voltage
TWL075	59	'5764433_/_5786814_1'	0.1	9.2	10	0.63	10	10	4.3 No	0.1	Primary Over-Voltage
TWL075	60	'5764348_/_459274148'	0.1	9	10	0.63	10	10	4.3 No	0.1	Primary Over-Voltage
TWL075	61	'5764083_/_5764081'	0.1	8.9	10	0.63	10	10	4.3 No	0.1	Primary Over-Voltage
TWL075	62	'5784790_/_5791332'	0.1	8.8	10	0.63	10	10	4.3 No	0.1	Primary Over-Voltage
TWL075	63	'5764404_/_5764402_1'	0.1	8.7	10	0.63	10	10	4.3 No	0.1	Primary Over-Voltage
TWL075	64	'5422077_/_5422987_1'	0.1	8.6	10	0.63	10	10	4.3 No	0.1	Primary Over-Voltage
TWL075	65	'5764331_/_459274177_2'	0.1	8.6	10	0.63	10	10	4.3 No	0.1	Primary Over-Voltage
TWL075	66	'5784791_/_5784932_1'	0.1	8.6	10	0.63	10	10	4.3 No	0.1	Primary Over-Voltage
TWL075	67	'5764298_/_5786774'	0.1	8.5	10	0.63	10	10	4.3 No	0.1	Primary Over-Voltage
TWL075	68	'580145421_/_7138586_1'	0.1	8.5	10	0.63	10	10	4.3 No	0.1	Primary Over-Voltage
TWL075	69	'5791301_/_5791315'	0.1	8.4	10	0.63	10	10	4.3 No	0.1	Primary Over-Voltage
TWL075	70	'504063922_/_504063972'	0.1	8.4	10	0.63	10	10	4.3 No	0.1	Primary Over-Voltage
TWL075	71	'5764242_/_7138586_2'	0.1	8.3	10	0.63	1.5	10	4.3 No	0.1	Primary Over-Voltage
TWL075	72	'5764460_/_5764473'	0.1	8.3	10	0.63	10	10	4.3 No	0.1	Primary Over-Voltage
TWL075	73	'5763580_/_5763594'	0.03	2.73	3.33	0.21	1.4	3.33	1.43 No	0.03	Primary Over-Voltage
TWL075	74	'5791263_/_5791298'	0.1	8.2	10	0.63	10	10	4.3 No	0.1	Primary Over-Voltage
TWL075	75	'503783197_/_503783614'	0.03	2.73	3.33	0.21	1.5	3.33	1.43 No	0.03	Primary Over-Voltage
TWL075	76	'503782850_/_503782865'	0.1	8.2	10	0.63	10	10	4.3 No	0.1	Primary Over-Voltage
TWL075	77	'503783185_/_503782847'	0.1	8.2	10	0.63	10	10	4.3 No	0.1	Primary Over-Voltage
TWL075	78	'503783193_/_503782859'	0.1	8.1	10	0.63	10	10	4.3 No	0.1	Primary Over-Voltage
TWL075	79	'503783189_/_503782853'	0.1	8.1	10	0.63	1.5	10	4.3 No	0.1	Primary Over-Voltage
TWL075	80	'43784485_/_5784932_2'	0.1	8	10	0.63	10	9.94	4.3 No	0.1	Primary Over-Voltage
TWL075	81	'685044793_/_685044821'	0.1	8	10	0.63	10	9.86	4.3 No	0.1	Primary Over-Voltage
TWL075	82	'5764314_/_459274177_1'	0.1	7.9	10	0.63	10	9.78	4.3 No	0.1	Primary Over-Voltage
TWL075	83	'685044699_/_685044742'	0.03	2.6	3.33	0.21	1.4	3.29	1.43 No	0.03	Primary Over-Voltage
TWL075	84	'5791246_/_5791261'	0.03	2.6	3.33	0.21	1.5	3.29	1.43 No	0.03	Primary Over-Voltage
TWL075	85	'5764405_/_5764402_2'	0.1	7.8	10	0.63	10	9.7	4.3 No	0.1	Primary Over-Voltage
TWL075	86	'43779339_/_5764240'	0.03	2.57	3.33	0.21	1.5	3.27	1.43 No	0.03	Primary Over-Voltage
TWL075	87	'671975897_/_685044708'	0.1	7.7	10	0.63	10	9.61	4.3 No	0.1	Primary Over-Voltage
TWL075	88	'69350673_/_503784649'	0.1	7.7	10	0.63	10	9.56	4.3 No	0.1	Primary Over-Voltage
TWL075	89	'671975870_/_671975914'	0.1	7.6	10	0.63	4.9	10	4.3 No	0.1	Primary Over-Voltage
TWL075	90	'Node_6698152022_/_671975878_2'	0.1	7.6	10	0.63	10	9.48	4.3 No	0.1	Primary Over-Voltage
TWL075	91	'5774832_/_5791244'	0.1	7.5	10	0.63	10	9.4	4.3 No	0.1	Primary Over-Voltage
TWL075	92	'5774833_/_5774830'	0.03	2.5	3.33	0.05	1.5	3.19	1.43 No	0.03	Primary Over-Voltage
TWL075	93	'5764256_/_5764253'	0.1	7.5	10	0.63	10	9.31	4.3 No	0.1	Primary Over-Voltage
TWL075	94	'5403194_/_5422987_2'	0.1	7.4	10	0.63	10	9.27	4.3 No	0.1	Primary Over-Voltage
TWL075	95	'5784463_/_5784461_1'	0.03	2.47	3.33	0.21	0.5	3.1	1.43 No	0.03	Primary Over-Voltage
TWL075	96	'504063039_/_504063055'	0.1	7.3	10	0.63	10	9.19	4.3 No	0.1	Primary Over-Voltage
TWL075	97	'5774850_/_5774847'	0.1	7.3	10	0.63	10	9.16	4.3 No	0.1	Primary Over-Voltage
TWL075	98	'5764313_/_5764311'	0.03	2.43	3.33	0.21	2.1	3.05	1.43 No	0.03	Primary Over-Voltage
TWL075	99	'5774867_/_5774864'	0.1	7.3	10	0.63	10	9.11	4.3 No	0.1	Primary Over-Voltage
TWL075	100	'5764272_/_5764269'	0.03	2.4	3.33	0.05	1.1	3.11	1.43 No	0.03	Primary Over-Voltage
TWL075	101	'5764459_/_5764457'	0.1	7.2	10	0.63	4.8	9.07	4.3 No	0.1	Primary Over-Voltage
TWL075	102	'671977028_/_671977085'	0.1	7.2	10	0.63	10	9.02	4.3 No	0.1	Primary Over-Voltage
TWL075	103	'5764285_/_43779352'	0.1	7.2	10	0.63	1.5	9.06	4.3 No	0.1	Primary Over-Voltage
TWL075	104	'5784464_/_5784461_2'	0.03	2.4	3.33	0.21	0.5	3.03	1.43 No	0.03	Primary Over-Voltage
TWL075	105	'43784393_/_5775020'	0.03	2.4	3.33	0.21	1.2	3	1.43 No	0.03	Primary Over-Voltage
TWL075	106	'43779439_/_5764052'	0.1	7.1	10	0.63	10	8.94	4.3 No	0.1	Primary Over-Voltage
TWL075	107	'5793869_/_5793866_2'	0.03	2.37	3.33	0.05	1.5	3.06	1.43 No	0.03	Primary Over-Voltage
TWL075	108	'5784806_/_5784803'	0.1	7	10	0.63	10	8.86	4.3 No	0.1	Primary Over-Voltage
TWL075	109	'5774884_/_5774881'	0.1	7	10	0.63	1.5	9.47	4.3 No	0.1	Primary Over-Voltage
TWL075	110	'5793840_/_5793866_1'	0.1	7	10	0.63	4.9	9.5	4.3 No	0.1	Primary Over-Voltage
TWL075	111	'5774901_/_5774898'	0.03	2.33	3.33	0.21	1.2	2.95	1.43 No	0.03	Primary Over-Voltage
TWL075	112	'5403211_/_5403208'	0.1	7	10	0.63	10	8.78	4.3 No	0.1	Primary Over-Voltage
TWL075	113	'5764156_/_5764166'	0.03	2.3	3.33	0.05	1.1	3.01	1.43 No	0.03	Primary Over-Voltage
TWL075	114	'5774918_/_5774915'	0.1	6.9	10	0.63	10	8.7	4.3 No	0.1	Primary Over-Voltage
TWL075	115	'5763560_/_5763577'	0.1	6.9	10	0.63	10	8.66	4.3 No	0.1	Primary Over-Voltage
TWL075	116	'43785025_/_5797084'	0.03	2.3	3.33	0.05	1.5	2.98	1.43 No	0.03	Primary Over-Voltage
TWL075	117	'5784821_/_5784818'	0.1	6.8	10	0.63	10	8.61	4.3 No	0.1	Primary Over-Voltage
TWL075	118	'5784477_/_5784474'	0.03	2.27	3.33	0.05	1.1	2.98	1.43 No	0.03	Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TWL075	119	'43779361_/5764415'	0.1	6.8	10	0.63	1.5	9.25	4.3 No	0.1	Primary Over-Voltage
TWL075	120	'5774934_/5797067'	0.1	6.8	10	0.63	4.9	9.28	4.3 No	0.1	Primary Over-Voltage
TWL075	121	'43779300_/43779302'	0.1	6.8	10	0.63	10	8.56	4.3 No	0.1	Primary Over-Voltage
TWL075	122	'9309118_/671977042'	0.1	6.8	10	0.63	1.5	8.7	4.3 No	0.1	Primary Over-Voltage
TWL075	123	'504064359_/504063812'	0.03	2.27	3.33	0.21	1.2	2.87	1.43 No	0.03	Primary Over-Voltage
TWL075	124	'504064324_/504064367'	0.03	2.23	3.33	0.21	0.5	2.9	1.43 No	0.03	Primary Over-Voltage
TWL075	125	'5774935_/5774932'	0.1	6.7	10	0.63	10	8.5	4.3 No	0.1	Primary Over-Voltage
TWL075	126	'5793841_/5793838'	0.03	2.23	3.33	0.21	0.5	2.86	1.43 No	0.03	Primary Over-Voltage
TWL075	127	'5764214_/5764224'	0.1	6.7	10	0.63	10	8.45	4.3 No	0.1	Primary Over-Voltage
TWL075	128	'5774952_/5774949'	0.1	6.6	10	0.63	4.9	9.12	4.3 No	0.1	Primary Over-Voltage
TWL075	129	'5764367_/5764365'	0.1	6.6	10	0.63	10	8.37	4.3 No	0.1	Primary Over-Voltage
TWL075	130	'43784406_/5775003'	0.1	6.6	10	0.63	1.5	9.05	4.3 No	0.1	Primary Over-Voltage
TWL075	131	'5403195_/5403192'	0.03	2.2	3.33	0.05	1.5	2.9	1.43 No	0.03	Primary Over-Voltage
TWL075	132	'5793765_/5793748'	0.1	6.6	10	0.63	10	8.32	4.3 No	0.1	Primary Over-Voltage
TWL075	133	'5774969_/5774966'	0.03	2.17	3.33	0.21	1.2	2.8	1.43 No	0.03	Primary Over-Voltage
TWL075	134	'671976998_/671977012'	0.1	6.5	10	0.63	10	8.27	4.3 No	0.1	Primary Over-Voltage
TWL075	135	'5763559_/5763557'	0.1	6.5	10	0.63	10	8.26	4.3 No	0.1	Primary Over-Voltage
TWL075	136	'5774986_/5774983'	0.03	2.17	3.33	0.21	0.5	2.79	1.43 No	0.03	Primary Over-Voltage
TWL075	137	'5763613_/43779431_2'	0.1	6.5	10	0.63	10	8.22	4.3 No	0.1	Primary Over-Voltage
TWL075	138	'5764909_/5764906'	0.03	2.17	3.33	0.05	1.1	2.87	1.43 No	0.03	Primary Over-Voltage
TWL075	139	'43779289_/5764977'	0.03	2.13	3.33	0.21	0.5	2.78	1.43 No	0.03	Primary Over-Voltage
TWL075	140	'5764143_/5764153'	0.03	2.13	3.33	0.05	1.1	2.86	1.43 No	0.03	Primary Over-Voltage
TWL075	141	'671975841_/671975878_1'	0.1	6.4	10	0.63	10	8.15	4.3 No	0.1	Primary Over-Voltage
TWL075	142	'5784700_/5784723_1'	0.03	2.13	3.33	0.05	1.4	2.84	1.43 No	0.03	Primary Over-Voltage
TWL075	143	'5764213_/5764211'	0.1	6.4	10	0.63	10	8.1	4.3 No	0.1	Primary Over-Voltage
TWL075	144	'5784835_/5793763'	0.1	6.3	10	0.63	10	8.06	4.3 No	0.1	Primary Over-Voltage
TWL075	145	'43779366_/43779363'	0.1	6.3	10	0.63	1.5	8.74	4.3 No	0.1	Primary Over-Voltage
TWL075	146	'504064410_/504064441'	0.1	6.3	10	0.63	10	8	4.3 No	0.1	Primary Over-Voltage
TWL075	147	'5764021_/5764035'	0.1	6.3	10	0.63	0.9	8.72	4.3 No	0.1	Primary Over-Voltage
TWL075	148	'580144846_/580144850'	0.03	2.1	3.33	0.21	1.2	2.7	1.43 No	0.03	Primary Over-Voltage
TWL075	149	'9621919_/671976969'	0.03	2.1	3.33	0.05	1.1	2.79	1.43 No	0.03	Primary Over-Voltage
TWL075	150	'580145072_/504064332'	0.03	2.1	3.33	0.21	0.5	2.75	1.43 No	0.03	Primary Over-Voltage
TWL075	151	'5764926_/5764923'	0.1	6.2	10	0.63	10	7.94	4.3 No	0.1	Primary Over-Voltage
TWL075	152	'5764980_/43779291'	0.03	2.07	3.33	0.21	0.9	2.69	1.43 No	0.03	Primary Over-Voltage
TWL075	153	'5403224_/5403221'	0.03	2.07	3.33	0.05	1.4	2.76	1.43 No	0.03	Primary Over-Voltage
TWL075	154	'5764185_/5764182'	0.1	6.2	10	0.63	4.9	8.65	4.3 No	0.1	Primary Over-Voltage
TWL075	155	'5784836_/5784833'	0.1	6.2	10	0.63	10	7.88	4.3 No	0.1	Primary Over-Voltage
TWL075	156	'43779429_/43779431_1'	0.03	2.07	3.33	0.21	0.5	2.69	1.43 No	0.03	Primary Over-Voltage
TWL075	157	'5784726_/5784723_2'	0.03	2.03	3.33	0.21	0.5	2.69	1.43 No	0.03	Primary Over-Voltage
TWL075	158	'671975822_/671975849'	0.03	2.03	3.33	0.21	0.9	2.66	1.43 No	0.03	Primary Over-Voltage
TWL075	159	'114818177_/8745136_2'	0.1	6.1	10	0.63	10	7.83	4.3 No	0.1	Primary Over-Voltage
TWL075	160	'7795336_/8745136_1'	0.1	6.1	10	0.63	10	7.81	4.3 No	0.1	Primary Over-Voltage
TWL075	161	'5764943_/5764940'	0.03	2.03	3.33	0.21	1.2	2.64	1.43 No	0.03	Primary Over-Voltage
TWL075	162	'5764020_/5764018'	0.1	6.1	10	0.63	0.9	8.51	4.3 No	0.1	Primary Over-Voltage
TWL075	163	'5764201_/5764198'	0.1	6.1	10	0.63	10	7.75	4.3 No	0.1	Primary Over-Voltage
TWL075	164	'43711435_/7095735'	0.03	2.03	3.33	0.05	1.1	2.72	1.43 No	0.03	Primary Over-Voltage
TWL075	165	'5764130_/5764140'	0.03	2	3.33	0.05	1.1	2.71	1.43 No	0.03	Primary Over-Voltage
TWL075	166	'43784419_/43784421'	0.03	2	3.33	0.05	1.1	2.7	1.43 No	0.03	Primary Over-Voltage
TWL075	167	'5784953_/5784950'	0.03	1.97	3.33	0.05	1.4	2.66	1.43 No	0.03	Primary Over-Voltage
TWL075	168	'5785444_/5785441_2'	0.03	1.97	3.33	0.21	0.5	2.64	1.43 No	0.03	Primary Over-Voltage
TWL075	169	'43779276_/5764960'	0.03	1.97	3.33	0.21	0.9	2.59	1.43 No	0.03	Primary Over-Voltage
TWL075	170	'455993392_/5793778'	0.03	1.97	3.33	0.21	0.9	2.58	1.43 No	0.03	Primary Over-Voltage
TWL075	171	'5763848_/5763975'	0.03	1.93	3.33	0.21	1.2	2.55	1.43 No	0.03	Primary Over-Voltage
TWL075	172	'38051695_/671975978'	0.03	1.93	3.33	0.05	1.4	2.63	1.43 No	0.03	Primary Over-Voltage
TWL075	173	'404691697_/38051693'	0.03	1.93	3.33	0.05	1.1	2.64	1.43 No	0.03	Primary Over-Voltage
TWL075	174	'38051775_/38051779'	0.03	1.93	3.33	0.21	0.5	2.57	1.43 No	0.03	Primary Over-Voltage
TWL075	175	'38051704_/71669290'	0.03	1.93	3.33	0.21	0.5	2.53	1.43 No	0.03	Primary Over-Voltage
TWL075	176	'7659423_/671976956'	0.03	1.93	3.33	0.05	1.4	2.61	1.43 No	0.03	Primary Over-Voltage
TWL075	177	'38051733_/9686940'	0.03	1.93	3.33	0.05	1.1	2.62	1.43 No	0.03	Primary Over-Voltage
TWL075	178	'38051718_/38051737'	0.03	1.9	3.33	0.21	0.5	2.52	1.43 No	0.03	Primary Over-Voltage
TWL075	179	'38051747_/38051744'	0.03	1.9	3.33	0.21	0.5	2.55	1.43 No	0.03	Primary Over-Voltage
TWL075	180	'38051719_/38051716'	0.03	1.87	3.33	0.05	1.4	2.56	1.43 No	0.03	Primary Over-Voltage
TWL075	181	'5764117_/5764127'	0.03	1.87	3.33	0.21	0.5	2.51	1.43 No	0.03	Primary Over-Voltage
TWL075	182	'5784738_/5784736'	0.03	1.87	3.33	0.21	0.5	2.48	1.43 No	0.03	Primary Over-Voltage
TWL075	183	'5764963_/43779278'	0.03	1.87	3.33	0.05	1.1	2.58	1.43 No	0.03	Primary Over-Voltage
TWL075	184	'39418398_/9689758'	0.03	1.87	3.33	0.05	1.4	2.54	1.43 No	0.03	Primary Over-Voltage
TWL075	185	'404692534_/71669246'	0.03	1.87	3.33	0.21	0.5	2.47	1.43 No	0.03	Primary Over-Voltage
TWL075	186	'38724804_/71669207'	0.03	1.87	3.33	0.05	1.1	2.57	1.43 No	0.03	Primary Over-Voltage
TWL075	187	'39418386_/71669194'	0.03	1.87	3.33	0.21	0.5	2.53	1.43 No	0.03	Primary Over-Voltage
TWL075	188	'39418420_/71669233'	0.03	1.87	3.33	0.21	0.9	2.48	1.43 No	0.03	Primary Over-Voltage
TWL075	189	'5785431_/5785441_1'	0.03	1.83	3.33	0.21	0.5	2.44	1.43 No	0.03	Primary Over-Voltage
TWL075	190	'5784854_/5784851'	0.1	5.5	10	0.63	4.9	7.87	4.3 No	0.1	Primary Over-Voltage
TWL075	191	'43784905_/43784907'	0.1	5.5	10	0.63	4.9	7.87	4.3 No	0.1	Primary Over-Voltage
TWL075	192	'114818059_/8428126_2'	0.1	5.5	10	0.63	4.9	7.87	4.3 No	0.1	Primary Over-Voltage
TWL075	193	'7135789_/8428126_1'	0.1	5.5	10	0.63	4.9	7.87	4.3 No	0.1	Primary Over-Voltage
TWL075	194	'39432425_/9378060'	0.1	5.5	10	0.63	4.9	7.87	4.3 No	0.1	Primary Over-Voltage
TWL075	195	'38010993_/38010991'	0.03	1.83	3.33	0.05	1.1	2.53	1.43 No	0.03	Primary Over-Voltage
TWL075	196	'39432418_/38010998'	0.03	1.83	3.33	0.05	1.4	2.5	1.43 No	0.03	Primary Over-Voltage
TWL075	197	'39432432_/71669268'	0.03	1.8	3.33	0.05	1.4	2.48	1.43 No	0.03	Primary Over-Voltage
TWL075	198	'404691864_/404691861'	0.03	1.8	3.33	0.21	0.5	2.44	1.43 No	0.03	Primary Over-Voltage
TWL075	199	'5757215_/7135804'	0.03	1.8	3.33	0.21	0.5	2.42	1.43 No	0.03	Primary Over-Voltage
TWL075	200	'7414994_/9308752_1'	0.1	5.4	10	0.63	4.9	7.74	4.3 No	0.1	Primary Over-Voltage
TWL075	201	'580144812_/580145104'	0.03	1.8	3.33	0.21	0.5	2.38	1.43 No	0.03	Primary Over-Voltage
TWL075	202	'5757216_/5757213'	0.03	1.8	3.33	0.21	0.5	2.43	1.43 No	0.03	Primary Over-Voltage
TWL075	203	'5763835_/5763845'	0.03	1.77	3.33	0.05	1.1	2.48	1.43 No	0.03	Primary Over-Voltage
TWL075	204	'5757233_/5757230'	0.03	1.77	3.33	0.21	0.5	2.38	1.43 No	0.03	Primary Over-Voltage
TWL075	205	'8052117_/8052135_2'	0.03	1.77	3.33	0.05	1.4	2.43	1.43 No	0.03	Primary Over-Voltage
TWL075	206	'5793797_/5793794'	0.03	1.77	3.33	0.21	0.9	2.4	1.43 No	0.03	Primary Over-Voltage
TWL075	207	'449808323_/5785561'	0.03	1.77	3.33	0.21	0.9	2.38	1.43 No	0.03	Primary Over-Voltage
TWL075	208	'5757250_/5757247'	0.03	1.73	3.33	0.21	0.5	2.34	1.43 No	0.03	Primary Over-Voltage
TWL075	209	'9377911_/9377908'	0.03	1.73	3.33	0.05	1.1	2.45	1.43 No	0.03	Primary Over-Voltage
TWL075	210	'9308755_/9308752_2'	0.03	1.73	3.33	0.05	1.1	2.43	1.43 No	0.03	Primary Over-Voltage
TWL075	211	'5757267_/5757264'	0.03	1.73	3.33	0.21	0.5	2.36	1.43 No	0.03	Primary Over-Voltage
TWL075	212	'5757199_/5757281'	0.03	1.73	3.33	0.05	1.4	2.38	1.43 No	0.03	Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage	Regulator	Thermal	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
				Deviation	Deviation	Discharging				VSR (MW)	Limiting Threshold
TWL075	213	'5757370_/_5757367_1'	0.1	5.2	10	0.63	1.5	7.5	4.3 No	0.1	Primary Over-Voltage
TWL075	214	'5757340_/_5757338_1'	0.03	1.7	3.33	0.05	1.4	2.36	1.43 No	0.03	Primary Over-Voltage
TWL075	215	'5757182_/_5757196'	0.03	1.7	3.33	0.21	0.5	2.29	1.43 No	0.03	Primary Over-Voltage
TWL075	216	'43779232_/_5764114'	0.03	1.67	3.33	0.05	1.4	2.31	1.43 No	0.03	Primary Over-Voltage
TWL075	217	'8365101_/_9621569_1'	0.03	1.67	3.33	0.05	1.1	2.36	1.43 No	0.03	Primary Over-Voltage
TWL075	218	'5757124_/_5757179'	0.03	1.67	3.33	0.05	1.1	2.35	1.43 No	0.03	Primary Over-Voltage
TWL075	219	'671976628_/_671976933'	0.1	5	10	0.63	1.5	7.28	4.3 No	0.1	Primary Over-Voltage
TWL075	220	'671976621_/_671976625'	0.03	1.67	3.33	0.21	0.9	2.28	1.43 No	0.03	Primary Over-Voltage
TWL075	221	'671976634_/_671976631'	0.1	5	10	0.63	4.9	7.25	4.3 No	0.1	Primary Over-Voltage
TWL075	222	'671976622_/_671976619'	0.03	1.63	3.33	0.05	1.1	2.31	1.43 No	0.03	Primary Over-Voltage
TWL075	223	'43777565_/_5757367_2'	0.03	1.63	3.33	0.21	0.5	2.23	1.43 No	0.03	Primary Over-Voltage
TWL075	224	'685044328_/_685044253_1'	0.03	1.63	3.33	0.21	0.5	2.25	1.43 No	0.03	Primary Over-Voltage
TWL075	225	'5784867_/_5784864'	0.03	1.63	3.33	0.05	1.4	2.25	1.43 No	0.03	Primary Over-Voltage
TWL075	226	'5748184_/_5757122'	0.1	4.8	10	0.63	1.5	7.11	4.3 No	0.1	Primary Over-Voltage
TWL075	227	'685044280_/_685044253_2'	0.1	4.8	10	0.63	1.5	7.04	4.3 No	0.1	Primary Over-Voltage
TWL075	228	'5785430_/_5785428'	0.03	1.6	3.33	0.21	0.9	2.2	1.43 No	0.03	Primary Over-Voltage
TWL075	229	'5764004_/_5794377'	0.03	1.6	3.33	0.05	1.1	2.26	1.43 No	0.03	Primary Over-Voltage
TWL075	230	'5740976_/_5748182'	0.03	1.57	3.33	0.05	1.4	2.2	1.43 No	0.03	Primary Over-Voltage
TWL075	231	'7484832_/_9689778'	0.03	1.57	3.33	0.21	0.5	2.16	1.43 No	0.03	Primary Over-Voltage
TWL075	232	'43777576_/_5757338_2'	0.03	1.57	3.33	0.05	1.1	2.23	1.43 No	0.03	Primary Over-Voltage
TWL075	233	'65560436_/_5740974_1'	0.1	4.6	10	0.63	1.5	6.85	4.3 No	0.1	Primary Over-Voltage
TWL075	234	'7484833_/_7484830'	0.03	1.53	3.33	0.21	0.5	2.12	1.43 No	0.03	Primary Over-Voltage
TWL075	235	'5748202_/_5748199'	0.03	1.53	3.33	0.05	1.4	2.14	1.43 No	0.03	Primary Over-Voltage
TWL075	236	'5774594_/_5784749'	0.03	1.53	3.33	0.21	0.9	2.14	1.43 No	0.03	Primary Over-Voltage
TWL075	237	'8052137_/_8052135_1'	0.03	1.53	3.33	0.21	0.5	2.11	1.43 No	0.03	Primary Over-Voltage
TWL075	238	'5763822_/_5763832'	0.1	4.5	10	0.63	4.9	6.75	4.3 No	0.1	Primary Over-Voltage
TWL075	239	'5422470_/_7095717'	0.03	1.5	3.33	0.05	1.4	2.11	1.43 No	0.03	Primary Over-Voltage
TWL075	240	'8428188_/_8428186'	0.03	1.5	3.33	0.21	0.5	2.08	1.43 No	0.03	Primary Over-Voltage
TWL075	241	'43671259_/_7093367'	0.03	1.5	3.33	0.05	1.1	2.16	1.43 No	0.03	Primary Over-Voltage
TWL075	242	'5748219_/_5748216'	0.1	4.5	10	0.63	1.5	6.67	4.3 No	0.1	Primary Over-Voltage
TWL075	243	'5748304_/_5748301'	0.03	1.5	3.33	0.05	1.1	2.16	1.43 No	0.03	Primary Over-Voltage
TWL075	244	'5764003_/_5764001'	0.03	1.47	3.33	0.21	0.5	2.04	1.43 No	0.03	Primary Over-Voltage
TWL075	245	'5231640_/_5740974_2'	0.1	4.4	10	0.63	1.5	6.56	4.3 No	0.1	Primary Over-Voltage
TWL075	246	'43671248_/_43671250'	0.03	1.47	3.33	0.21	0.9	2.06	1.43 No	0.03	Primary Over-Voltage
TWL075	247	'5234272_/_5234270_1'	0.03	1.43	3.33	0.21	0.5	2.01	1.43 No	0.03	Primary Over-Voltage
TWL075	248	'370346195_/_370346012_1'	0.03	1.43	3.33	0.05	1.1	2.08	1.43 No	0.03	Primary Over-Voltage
TWL075	249	'43670378_/_7093347'	0.03	1.43	3.33	0.21	0.5	1.98	1.43 No	0.03	Primary Over-Voltage
TWL075	250	'5748236_/_5748233'	0.1	4.3	10	0.63	1.5	6.39	4.3 No	0.1	Primary Over-Voltage
TWL075	251	'5234231_/_5234228_2'	0.03	1.4	3.33	0.05	1.1	2.05	1.43 No	0.03	Primary Over-Voltage
TWL075	252	'38051761_/_9377888'	0.1	4.2	10	0.63	1.5	6.25	4.3 No	0.1	Primary Over-Voltage
TWL075	253	'5212509_/_43670380'	0.03	1.37	3.33	0.21	0.9	1.97	1.43 No	0.03	Primary Over-Voltage
TWL075	254	'5748253_/_5748250'	0.03	1.37	3.33	0.21	0.5	1.93	1.43 No	0.03	Primary Over-Voltage
TWL075	255	'5764551_/_685044298'	0.03	1.33	3.33	0.05	1.1	1.98	1.43 No	0.03	Primary Over-Voltage
TWL075	256	'9621747_/_9621745'	0.1	4	10	0.63	1.5	6.05	4.3 No	0.1	Primary Over-Voltage
TWL075	257	'5212529_/_5212526'	0.1	4	10	0.63	1.5	6.04	4.3 No	0.1	Primary Over-Voltage
TWL075	258	'5741029_/_5748267'	0.03	1.33	3.33	0.05	1.1	1.95	1.43 No	0.03	Primary Over-Voltage
TWL075	259	'5741016_/_5741013_2'	0.03	1.33	3.33	0.21	0.5	1.87	1.43 No	0.03	Primary Over-Voltage
TWL075	260	'9308834_/_9621569_2'	0.03	1.33	3.33	0.21	0.9	1.9	1.43 No	0.03	Primary Over-Voltage
TWL075	261	'43670393_/_5212543'	0.03	1.3	3.33	0.05	1.1	1.92	1.43 No	0.03	Primary Over-Voltage
TWL075	262	'5234230_/_5234228_1'	0.03	1.27	3.33	0.05	1.1	1.89	1.43 No	0.03	Primary Over-Voltage
TWL075	263	'5784671_/_5784668'	0.03	1.27	3.33	0.21	0.9	1.85	1.43 No	0.03	Primary Over-Voltage
TWL075	264	'44054201_/_5748284'	0.03	1.27	3.33	0.21	0.5	1.8	1.43 No	0.03	Primary Over-Voltage
TWL075	265	'5784895_/_5784880'	0.03	1.23	3.33	0.21	0.9	1.8	1.43 No	0.03	Primary Over-Voltage
TWL075	266	'7485087_/_556071909'	0.03	1.23	3.33	0.21	0.5	1.76	1.43 No	0.03	Primary Over-Voltage
TWL075	267	'5212563_/_43670393'	0.03	1.23	3.33	0.05	1.1	1.82	1.43 No	0.03	Primary Over-Voltage
TWL075	268	'5764103_/_5764101'	0.1	3.6	10	0.63	1.5	5.58	4.3 No	0.1	Primary Over-Voltage
TWL075	269	'7415104_/_8745116'	0.03	1.2	3.33	0.21	0.9	1.75	1.43 No	0.03	Primary Over-Voltage
TWL075	270	'5748165_/_44054203'	0.03	1.2	3.33	0.05	1.1	1.78	1.43 No	0.03	Primary Over-Voltage
TWL075	271	'5212580_/_5212577'	0.03	1.17	3.33	0.21	0.5	1.7	1.43 No	0.03	Primary Over-Voltage
TWL075	272	'38051924_/_8116268'	0.03	1.17	3.33	0.21	0.9	1.71	1.43 No	0.03	Primary Over-Voltage
TWL075	273	'404715923_/_38051928'	0.03	1.17	3.33	0.05	1.1	1.73	1.43 No	0.03	Primary Over-Voltage
TWL075	274	'43775419_/_5757086'	0.03	1.13	3.33	0.21	0.5	1.66	1.43 No	0.03	Primary Over-Voltage
TWL075	275	'38051875_/_38051937'	0.03	1.13	3.33	0.21	0.9	1.67	1.43 No	0.03	Primary Over-Voltage
TWL075	276	'38051916_/_71669323'	0.03	1.1	3.33	0.05	1.1	1.68	1.43 No	0.03	Primary Over-Voltage
TWL075	277	'38051940_/_71669312'	0.03	1.1	3.33	0.21	0.9	1.65	1.43 No	0.03	Primary Over-Voltage
TWL075	278	'43775397_/_7093331'	0.03	1.1	3.33	0.21	0.9	1.64	1.43 No	0.03	Primary Over-Voltage
TWL075	279	'43670461_/_5234270_2'	0.03	1.1	3.33	0.21	0.5	1.61	1.43 No	0.03	Primary Over-Voltage
TWL075	280	'456318721_/_5422468'	0.03	1.07	3.33	0.21	0.9	1.61	1.43 No	0.03	Primary Over-Voltage
TWL075	281	'5212597_/_5212594'	0.03	1.07	3.33	0.05	1.1	1.63	1.43 No	0.03	Primary Over-Voltage
TWL075	282	'5234244_/_5234241'	0.03	1.07	3.33	0.21	0.5	1.57	1.43 No	0.03	Primary Over-Voltage
TWL075	283	'43779418_/_43779420'	0.03	1.07	3.33	0.21	0.9	1.57	1.43 No	0.03	Primary Over-Voltage
TWL075	284	'5784974_/_5784971'	0.03	1.03	3.33	0.21	0.9	1.54	1.43 No	0.03	Primary Over-Voltage
TWL075	285	'385016571_/_385016577'	0.03	1.03	3.33	0.21	0.5	1.52	1.43 No	0.03	Primary Over-Voltage
TWL075	286	'455993473_/_5793809'	0.03	1	3.33	0.21	0.5	1.5	1.43 No	0.03	Primary Over-Voltage
TWL075	287	'5236286_/_5236284_1'	0.03	1	3.33	0.21	0.9	1.5	1.43 No	0.03	Primary Over-Voltage
TWL075	288	'5748148_/_5748162'	0.03	1	3.33	0.21	0.5	1.49	1.43 No	0.03	Primary Over-Voltage
TWL075	289	'448466706_/_43775349'	0.03	1	3.33	0.21	0.5	1.47	1.43 No	0.03	Primary Over-Voltage
TWL075	290	'43670404_/_5212611'	0.03	0.97	3.33	0.21	0.9	1.47	1.43 No	0.03	Primary Over-Voltage
TWL075	291	'391281367_/_385016721'	0.03	0.97	3.33	0.21	0.9	1.45	1.43 No	0.03	Primary Over-Voltage
TWL075	292	'7415103_/_7415101'	0.03	0.97	3.33	0.21	0.9	1.44	1.43 No	0.03	Primary Over-Voltage
TWL075	293	'455993525_/_5422486'	0.03	0.93	3.33	0.21	0.5	1.41	1.43 No	0.03	Primary Over-Voltage
TWL075	294	'39465056_/_7485084'	0.03	0.9	3.33	0.21	0.5	1.37	1.43 No	0.03	Primary Over-Voltage
TWL075	295	'43775430_/_5757073'	0.03	0.87	3.33	0.21	0.5	1.33	1.43 No	0.03	Primary Over-Voltage
TWL075	296	'465687352_/_455993651_2'	0.03	0.83	3.33	0.21	0.5	1.3	1.43 No	0.03	Primary Over-Voltage
TWL075	297	'5212631_/_5212628'	0.03	0.83	3.33	0.21	0.5	1.27	1.43 No	0.03	Primary Over-Voltage
TWL075	298	'43670417_/_5231638'	0.03	0.83	3.33	0.21	0.5	1.26	1.43 No	0.03	Primary Over-Voltage
TWL075	299	'5234288_/_5234299'	0.03	0.8	3.33	0.21	0.5	1.23	1.43 No	0.03	Primary Over-Voltage
TWL075	300	'370345993_/_370346012_2'	0.03	0.77	3.33	0.21	0.5	1.2	1.43 No	0.03	Primary Over-Voltage
TWL075	301	'385016354_/_385016358'	0.03	0.77	3.33	0.21	0.5	1.18	1.43 No	0.03	Primary Over-Voltage
TWL075	302	'154872146_/_5212645'	0.03	0.73	3.33	0.21	0.5	1.15	1.43 No	0.03	Primary Over-Voltage
TWL075	303	'5756286_/_5756284_1'	0.03	0.73	3.33	0.21	0.5	1.12	1.43 No	0.03	Primary Over-Voltage
TWL075	304	'5212665_/_8024536_1'	0.03	0.73	3.33	0.21	0.5	1.12	1.43 No	0.03	Primary Over-Voltage
TWL075	305	'671976318_/_671976878'	0.03	0.7	3.33	0.21	0.5	1.12	1.43 No	0.03	Primary Over-Voltage
TWL075	306	'671976299_/_671976315'	0.03	0.7	3.33	0.21	0.5	1.11	1.43 No	0.03	Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TWL075	307	'671976312_/671976309'	0.03	0.7	3.33	0.21	0.5	1.1	1.43 No	0.03	Primary Over-Voltage
TWL075	308	'671976300_/671976297'	0.03	0.7	3.33	0.21	0.3	1.1	1.43 No	0.03	Primary Over-Voltage
TWL075	309	'688325188_/547613877_1'	0.03	0.7	3.33	0.21	0.5	1.09	1.43 No	0.03	Primary Over-Voltage
TWL075	310	'39433145_/9376670'	0.03	0.7	3.33	0.21	0.3	1.09	1.43 No	0.03	Primary Over-Voltage
TWL075	311	'404716123_/38012070'	0.03	0.7	3.33	0.21	0.3	1.08	1.43 No	0.03	Primary Over-Voltage
TWL075	312	'404716122_/71669345'	0.03	0.7	3.33	0.21	0.5	1.08	1.43 No	0.03	Primary Over-Voltage
TWL075	313	'39433152_/38012077'	0.03	0.67	3.33	0.21	0.5	1.07	1.43 No	0.03	Primary Over-Voltage
TWL075	314	'404716150_/404716147'	0.03	0.67	3.33	0.21	0.3	1.07	1.43 No	0.03	Primary Over-Voltage
TWL075	315	'5764789_/5764786'	0.03	0.67	3.33	0.21	0.3	1.07	1.43 No	0.03	Primary Over-Voltage
TWL075	316	'43775386_/5756268'	0.03	0.67	3.33	0.21	0.5	1.05	1.43 No	0.03	Primary Over-Voltage
TWL075	317	'43784552_/43784554'	0.03	0.67	3.33	0.21	0.5	1.05	1.43 No	0.03	Primary Over-Voltage
TWL075	318	'5774593_/5774591'	0.03	0.67	3.33	0.21	0.5	1.05	1.43 No	0.03	Primary Over-Voltage
TWL075	319	'685044231_/671977473_1'	0.03	0.67	3.33	0.21	0.3	1.05	1.43 No	0.03	Primary Over-Voltage
TWL075	320	'40364170_/9377984'	0.03	0.67	3.33	0.21	0.3	1.04	1.43 No	0.03	Primary Over-Voltage
TWL075	321	'5422489_/455993527'	0.03	0.67	3.33	0.21	0.5	1.04	1.43 No	0.03	Primary Over-Voltage
TWL075	322	'671977476_/671977473_2'	0.03	0.67	3.33	0.21	0.5	1.03	1.43 No	0.03	Primary Over-Voltage
TWL075	323	'9308990_/9621657'	0.03	0.67	3.33	0.21	0.3	1.03	1.43 No	0.03	Primary Over-Voltage
TWL075	324	'5756271_/7093315_1'	0.03	0.67	3.33	0.21	0.5	1.02	1.43 No	0.03	Primary Over-Voltage
TWL075	325	'5756287_/5756284_2'	0.03	0.67	3.33	0.21	0.3	1.02	1.43 No	0.03	Primary Over-Voltage
TWL075	326	'391281351_/391281390'	0.03	0.63	3.33	0.21	0.5	1.01	1.43 No	0.03	Primary Over-Voltage
TWL075	327	'37902928_/8024536_2'	0.03	0.63	3.33	0.21	0.3	1.01	1.43 No	0.03	Primary Over-Voltage
TWL075	328	'37902935_/37902932'	0.03	0.63	3.33	0.21	0.3	1	1.43 No	0.03	Primary Over-Voltage
TWL075	329	'37902956_/37902960'	0.03	0.63	3.33	0.21	0.5	1	1.43 No	0.03	Primary Over-Voltage
TWL075	330	'37902942_/37902939'	0.03	0.63	3.33	0.21	0.5	0.99	1.43 No	0.03	Primary Over-Voltage
TWL075	331	'37902970_/37902967'	0.03	0.63	3.33	0.21	0.3	0.99	1.43 No	0.03	Primary Over-Voltage
TWL075	332	'9308991_/9309008_1'	0.03	0.63	3.33	0.21	0.3	0.99	1.43 No	0.03	Primary Over-Voltage
TWL075	333	'5234289_/5234286'	0.03	0.63	3.33	0.21	0.3	0.99	1.43 No	0.03	Primary Over-Voltage
TWL075	334	'385016622_/391281455'	0.03	0.63	3.33	0.21	0.3	0.98	1.43 No	0.03	Primary Over-Voltage
TWL075	335	'455993632_/455993651_1'	0.03	0.63	3.33	0.21	0.3	0.98	1.43 No	0.03	Primary Over-Voltage
TWL075	336	'43784441_/5784681'	0.03	0.6	3.33	0.21	0.3	0.98	1.43 No	0.03	Primary Over-Voltage
TWL075	326	'9308835_/9308832'	0.03	0.6	3.33	0.21	0.3	0.97	1.43 No	0.03	Primary Over-Voltage
TWL075	327	'5784896_/5784893'	0.03	0.6	3.33	0.21	0.3	0.96	1.43 No	0.03	Primary Over-Voltage
TWL075	328	'7101717_/9309008_2'	0.03	0.6	3.33	0.21	0.3	0.96	1.43 No	0.03	Primary Over-Voltage
TWL075	329	'5246112_/5246125_1'	0.03	0.6	3.33	0.21	0.3	0.96	1.43 No	0.03	Primary Over-Voltage
TWL075	330	'5231773_/5234257'	0.03	0.6	3.33	0.21	0.3	0.95	1.43 No	0.03	Primary Over-Voltage
TWL075	331	'154872173_/8968333'	0.03	0.6	3.33	0.21	0.3	0.95	1.43 No	0.03	Primary Over-Voltage
TWL075	332	'9308855_/9308872_1'	0.03	0.6	3.33	0.21	0.3	0.94	1.43 No	0.03	Primary Over-Voltage
TWL075	333	'5232454_/5232452_1'	0.03	0.6	3.33	0.21	0.3	0.93	1.43 No	0.03	Primary Over-Voltage
TWL075	334	'43670356_/5236284_2'	0.03	0.57	3.33	0.21	0.3	0.92	1.43 No	0.03	Primary Over-Voltage
TWL075	335	'7485086_/49445382'	0.03	0.57	3.33	0.21	0.3	0.9	1.43 No	0.03	Primary Over-Voltage
TWL075	336	'5231916_/5246125_2'	0.03	0.57	3.33	0.21	0.3	0.88	1.43 No	0.03	Primary Over-Voltage
TWL076	0	'720327841_/720327855'	10	10	10	1.85	10	10	10 No	1.85	Thermal Discharging
TWL076	1	'5232455_/5232452_2'	10	10	10	1.85	10	10	3.35 No	1.85	Thermal Discharging
TWL076	2	'5231800_/5231797'	10	10	10	1.85	10	10	3.35 No	1.85	Thermal Discharging
TWL076	3	'5741003_/5741013_1'	10	10	10	1.85	10	10	3.35 No	1.85	Thermal Discharging
TWL076	4	'5763796_/5763806'	10	10	10	1.85	10	10	3.35 No	1.85	Thermal Discharging
TWL076	5	'8052157_/8052155'	10	10	10	1.85	10	10	3.35 No	1.85	Thermal Discharging
TWL076	6	'501605206_/501605088_1'	10	10	10	1.85	10	10	3.35 No	1.85	Thermal Discharging
TWL076	7	'38040758_/385016483'	10	10	10	1.85	10	10	3.35 No	1.85	Thermal Discharging
TWL076	8	'38040723_/38040755'	9.3	10	10	1.85	10	10	3.35 No	1.85	Thermal Discharging
TWL076	9	'38040716_/38040720'	8.5	10	10	1.85	10	10	3.35 No	1.85	Thermal Discharging
TWL076	10	'38040744_/38040741'	8.5	10	10	1.85	10	10	3.35 No	1.85	Thermal Discharging
TWL076	11	'38040730_/38040727'	8.5	10	10	1.85	10	10	3.35 No	1.85	Thermal Discharging
TWL076	12	'5422504_/5422501'	8.5	10	10	1.85	4.7	10	3.35 No	1.85	Thermal Discharging
TWL076	13	'5231917_/5231914'	8.5	10	10	1.85	10	10	3.35 No	1.85	Thermal Discharging
TWL076	14	'5793828_/5793825'	8.5	10	10	1.85	10	10	3.35 No	1.85	Thermal Discharging
TWL076	15	'671977113_/671976272'	8.5	10	10	1.85	10	10	3.35 No	1.85	Thermal Discharging
TWL076	16	'5231657_/5231654'	6.7	10	10	1.85	10	10	3.35 No	1.85	Thermal Discharging
TWL076	17	'404717135_/7483072'	5.6	10	10	1.85	10	10	3.35 No	1.85	Thermal Discharging
TWL076	18	'385016829_/7511252'	5.6	10	10	1.85	10	10	3.35 No	1.85	Thermal Discharging
TWL076	19	'5236300_/5236297'	5.5	10	10	1.85	10	10	3.35 No	1.85	Thermal Discharging
TWL076	20	'43670334_/7093315_2'	1.83	3.33	3.33	0.62	0.5	3.33	1.12 No	0.5	Element Fault
TWL076	21	'5785405_/5785415'	1.83	3.33	3.33	0.62	0.5	3.33	1.12 No	0.5	Element Fault
TWL076	22	'5764802_/5764799'	5.3	10	10	1.85	10	10	3.35 No	1.85	Thermal Discharging
TWL076	23	'671977142_/671977198'	1.77	3.33	3.33	0.62	0.5	3.33	1.12 No	0.5	Element Fault
TWL076	24	'5784909_/5784906'	5.3	10	10	1.85	10	10	3.35 No	1.85	Thermal Discharging
TWL076	25	'5741232_/43775421'	5.1	10	10	1.85	10	10	3.35 No	1.85	Thermal Discharging
TWL076	26	'43778551_/685044172'	1.73	3.33	3.33	0.62	0.5	3.33	1.12 No	0.5	Element Fault
TWL076	27	'5236419_/7093238'	1.73	3.33	3.33	0.62	0.8	3.33	1.12 No	0.62	Thermal Discharging
TWL076	28	'5741219_/5741216'	5.1	10	10	1.85	10	10	3.35 No	1.85	Thermal Discharging
TWL076	29	'671977233_/671977127_1'	1.67	3.33	3.33	0.62	0.5	3.33	1.12 No	0.5	Element Fault
TWL076	30	'7391407_/7704825'	5	10	10	1.85	10	10	3.35 No	1.85	Thermal Discharging
TWL076	31	'671977262_/671977156_1'	1.67	3.33	3.33	0.62	0.8	3.33	1.12 No	0.62	Thermal Discharging
TWL076	32	'5231813_/5231810'	1.63	3.33	3.33	0.62	0.5	3.33	1.12 No	0.5	Element Fault
TWL076	33	'5763780_/5763793'	1.63	3.33	3.33	0.62	0.5	3.33	1.12 No	0.5	Element Fault
TWL076	34	'43670494_/5231927'	4.9	10	10	1.85	10	10	3.35 No	1.85	Thermal Discharging
TWL076	35	'43670450_/5231771'	4.8	10	10	1.85	10	10	3.35 No	1.85	Thermal Discharging
TWL076	36	'5784778_/43784443'	1.6	3.33	3.33	0.62	0.5	3.33	1.12 No	0.5	Element Fault
TWL076	37	'5760839_/43778553'	1.57	3.33	3.33	0.62	0.5	3.33	1.12 No	0.5	Element Fault
TWL076	38	'5785000_/5784997'	4.7	10	10	1.85	10	10	3.35 No	1.85	Thermal Discharging
TWL076	39	'8117022_/44097725'	4.6	10	10	1.85	10	10	3.35 No	1.85	Thermal Discharging
TWL076	40	'5774606_/5774604'	1.53	3.33	3.33	0.62	0.5	3.33	1.12 No	0.5	Element Fault
TWL076	41	'5764883_/5764880'	4.5	10	10	1.85	10	10	3.35 No	1.85	Thermal Discharging
TWL076	42	'685044487_/671977177_1'	4.5	10	10	1.85	10	10	3.35 No	1.85	Thermal Discharging
TWL076	43	'685044691_/671977156_2'	1.5	3.33	3.33	0.62	0.5	3.33	1.12 No	0.5	Element Fault
TWL076	44	'5741160_/5741158'	1.5	3.33	3.33	0.62	0.5	3.33	1.12 No	0.5	Element Fault
TWL076	45	'5763767_/5763777'	4.4	10	10	1.85	10	10	3.35 No	1.85	Thermal Discharging
TWL076	46	'385016790_/385016921'	1.5	3.33	3.33	0.62	0.8	3.33	1.12 No	0.62	Thermal Discharging
TWL076	47	'5784922_/5784919'	4.3	10	10	1.85	10	10	3.35 No	1.85	Thermal Discharging
TWL076	48	'685044439_/671977177_2'	1.43	3.33	3.33	0.62	0.5	3.33	1.12 No	0.5	Element Fault
TWL076	49	'5764815_/5764812'	1.4	3.33	3.33	0.62	0.8	3.33	1.12 No	0.62	Thermal Discharging
TWL076	50	'5760962_/671977127_2'	1.5	3.33	3.33	0.62	0.8	3.33	1.12 No	0.62	Thermal Discharging
TWL076	51	'43670696_/5232468'	4.2	10	10	1.85	10	10	3.35 No	1.85	Thermal Discharging
TWL076	52	'5236316_/5236313'	4.2	10	10	1.85	10	10	3.35 No	1.85	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
											VSR (MW)	Limiting Threshold
TWL076	53	'671977291_/_5760960_1'		1.37	3.33	3.33	0.62	0.5	3.33	1.12 No	0.5	Element Fault
TWL076	54	'5231943_/_5231940'		4.1	10	10	1.85	10	10	3.35 No	1.85	Thermal Discharging
TWL076	55	'5741174_/_5741171'		4	10	10	1.85	10	10	3.35 No	1.85	Thermal Discharging
TWL076	56	'5231670_/_5231667'		1.37	3.33	3.33	0.62	1.4	3.33	1.12 No	0.62	Thermal Discharging
TWL076	57	'43779183_/_5784037'		4	10	10	1.85	10	10	3.35 No	1.85	Thermal Discharging
TWL076	58	'685044383_/_671977177_3'		3.9	10	10	1.85	10	10	3.35 No	1.85	Thermal Discharging
TWL076	59	'43784430_/_5794268'		3.9	10	10	1.85	10	10	3.35 No	1.85	Thermal Discharging
TWL076	60	'5785392_/_5785402'		1.27	3.33	3.33	0.62	0.5	3.33	1.12 No	0.5	Element Fault
TWL076	61	'5741002_/_5741000'		1.33	3.33	3.33	0.62	1.4	3.33	1.12 No	0.62	Thermal Discharging
TWL076	62	'45264124_/_5231784'		1.3	3.33	3.33	0.62	1.2	3.33	1.12 No	0.62	Thermal Discharging
TWL076	63	'5761002_/_5760999'		3.8	10	10	1.85	10	10	3.35 No	1.85	Thermal Discharging
TWL076	64	'39432637_/_385016796'		1.3	3.33	3.33	0.62	0.5	3.33	1.12 No	0.5	Element Fault
TWL076	65	'5236206_/_5236203'		1.47	3.33	3.33	0.62	0.8	3.33	1.12 No	0.62	Thermal Discharging
TWL076	66	'5236329_/_5236326'		1.27	3.33	3.33	0.62	0.5	3.33	1.12 No	0.5	Element Fault
TWL076	67	'5231956_/_5231953'		1.43	3.33	3.33	0.62	0.8	3.33	1.12 No	0.62	Thermal Discharging
TWL076	68	'43670224_/_5236417'		1.23	3.33	3.33	0.62	1.6	3.33	1.12 No	0.62	Thermal Discharging
TWL076	69	'37902984_/_7391648'		3.7	10	10	1.85	10	10	3.35 No	1.85	Thermal Discharging
TWL076	70	'5231826_/_5231823'		1.3	3.33	3.33	0.62	0.5	3.33	1.12 No	0.5	Element Fault
TWL076	71	'404194880_/_37902988_1'		1.27	3.33	3.33	0.62	0.5	3.33	1.12 No	0.5	Element Fault
TWL076	72	'404194881_/_404194878'		1.23	3.33	3.33	0.62	1.6	3.33	1.12 No	0.62	Thermal Discharging
TWL076	73	'37902991_/_37902988_2'		3.7	10	10	1.85	10	10	3.35 No	1.85	Thermal Discharging
TWL076	74	'37902998_/_37902995'		1.2	3.33	3.33	0.62	0.8	3.33	1.12 No	0.62	Thermal Discharging
TWL076	75	'5763754_/_5763764'		1.2	3.33	3.33	0.62	0.5	3.33	1.12 No	0.5	Element Fault
TWL076	76	'5792661_/_5792658'		3.6	10	10	1.85	4.8	10	3.35 No	1.85	Thermal Discharging
TWL076	77	'43784452_/_5774617'		1.4	3.33	3.33	0.62	0.8	3.33	1.12 No	0.62	Thermal Discharging
TWL076	78	'381100710_/_381100729'		3.6	10	10	1.85	10	10	3.35 No	1.85	Thermal Discharging
TWL076	79	'43779221_/_5764893'		1.17	3.33	3.33	0.62	0.5	3.33	1.12 No	0.5	Element Fault
TWL076	80	'5231683_/_5231680'		3.5	10	10	1.85	10	10	3.35 No	1.85	Thermal Discharging
TWL076	81	'5754667_/_7101755'		3.5	10	10	1.85	10	10	3.35 No	1.85	Thermal Discharging
TWL076	82	'5761521_/_5761518'		1.17	3.33	3.33	0.62	0.5	3.33	1.12 No	0.5	Element Fault
TWL076	83	'8342140_/_8342137'		3.4	10	10	1.85	2.4	10	3.35 No	1.85	Thermal Discharging
TWL076	84	'5232484_/_5232481'		3.4	10	10	1.85	10	10	3.35 No	1.85	Thermal Discharging
TWL076	85	'5231969_/_5231966'		1.13	3.3	3.33	0.62	0.5	3.33	1.12 No	0.5	Element Fault
TWL076	86	'43784429_/_5794281'		1.1	3.3	3.33	0.62	0.5	3.33	1.12 No	0.5	Element Fault
TWL076	87	'5760963_/_5760960_2'		3.4	9.8	10	1.85	10	10	3.35 No	1.85	Thermal Discharging
TWL076	88	'501605072_/_501605088_2'		1.17	3.27	3.33	0.62	0.5	3.33	1.12 No	0.5	Element Fault
TWL076	89	'5741087_/_5743346'		1.1	3.23	3.33	0.62	0.8	3.33	1.12 No	0.62	Thermal Discharging
TWL076	90	'5236433_/_5236430'		1.3	3.23	3.33	0.62	0.8	3.33	1.12 No	0.62	Thermal Discharging
TWL076	91	'247855747_/_247855778'		1.1	3.23	3.33	0.62	0.5	3.33	1.12 No	0.5	Element Fault
TWL076	92	'43670505_/_5231979'		1.27	3.23	3.33	0.62	0.5	3.33	1.12 No	0.5	Element Fault
TWL076	93	'7391631_/_7391628'		3.3	9.7	10	1.85	10	10	3.35 No	1.85	Thermal Discharging
TWL076	94	'5764831_/_5764828'		1.13	3.23	3.33	0.62	0.5	3.33	1.12 No	0.5	Element Fault
TWL076	95	'5236342_/_5236339'		2.2	6.4	6.67	1.23	2.4	6.67	2.23 No	1.23	Thermal Discharging
TWL076	96	'43670428_/_5231693'		3.3	9.5	10	1.85	10	10	3.35 No	1.85	Thermal Discharging
TWL076	97	'43777343_/_5754665'		1.07	3.13	3.33	0.62	0.5	3.33	1.12 No	0.5	Element Fault
TWL076	98	'5741187_/_5741184'		3.2	9.4	10	1.85	10	10	3.35 No	1.85	Thermal Discharging
TWL076	99	'5236222_/_5236219'		3.2	9.4	10	1.85	2.4	10	3.35 No	1.85	Thermal Discharging
TWL076	100	'43670472_/_5231836'		1.03	3.1	3.33	0.62	0.8	3.33	1.12 No	0.62	Thermal Discharging
TWL076	101	'5784658_/_5784762'		3.2	9.2	10	1.85	10	10	3.35 No	1.85	Thermal Discharging
TWL076	102	'5741074_/_5741084'		1.03	3.07	3.33	0.62	0.5	3.33	1.12 No	0.5	Element Fault
TWL076	103	'5763741_/_5763751'		1.1	3.07	3.33	0.62	1.2	3.33	1.12 No	0.62	Thermal Discharging
TWL076	104	'8117043_/_8117040'		1.2	3.03	3.33	0.62	0.8	3.33	1.12 No	0.62	Thermal Discharging
TWL076	105	'5760976_/_5760973'		3.1	9.1	10	1.85	10	10	3.35 No	1.85	Thermal Discharging
TWL076	106	'5231995_/_5231992'		1.07	3.03	3.33	0.62	0.5	3.33	1.12 No	0.5	Element Fault
TWL076	107	'5785379_/_5785389'		1.03	3.03	3.33	0.62	0.5	3.33	1.12 No	0.5	Element Fault
TWL076	108	'5232500_/_5232497'		1.07	3	3.33	0.62	0.5	3.33	1.12 No	0.5	Element Fault
TWL076	109	'5741073_/_5741071'		1.07	3	3.33	0.62	0.5	3.33	1.12 No	0.5	Element Fault
TWL076	110	'39667852_/_44094507'		1.17	2.97	3.33	0.62	0.8	3.33	1.12 No	0.62	Thermal Discharging
TWL076	111	'5763913_/_5763910'		3.1	8.9	10	1.85	10	10	3.35 No	1.85	Thermal Discharging
TWL076	112	'5764844_/_5764841'		1.17	2.97	3.33	0.62	0.5	3.33	1.12 No	0.5	Element Fault
TWL076	113	'5743323_/_5743333'		2	5.87	6.67	1.23	2.3	6.67	2.23 No	1.23	Thermal Discharging
TWL076	114	'5784645_/_5784655'		3.1	8.8	10	1.85	10	10	3.35 No	1.85	Thermal Discharging
TWL076	115	'5761015_/_5761012'		3	8.7	10	1.85	10	10	3.35 No	1.85	Thermal Discharging
TWL076	116	'7516475_/_7795913'		1	2.9	3.33	0.62	0.8	3.33	1.12 No	0.62	Thermal Discharging
TWL076	117	'5232008_/_5232005'		3	8.7	10	1.85	10	10	3.35 No	1.85	Thermal Discharging
TWL076	118	'5236445_/_5236868'		3	8.7	10	1.85	10	10	3.35 No	1.85	Thermal Discharging
TWL076	119	'7391406_/_7391404'		1	2.87	3.33	0.62	0.5	3.33	1.12 No	0.5	Element Fault
TWL076	120	'5232577_/_9282915'		0.97	2.87	3.33	0.62	0.5	3.33	1.12 No	0.5	Element Fault
TWL076	121	'247855806_/_247855897'		3	8.6	10	1.85	10	10	3.35 No	1.85	Thermal Discharging
TWL076	122	'5231852_/_5231849'		3	8.6	10	1.85	2.4	10	3.35 No	1.85	Thermal Discharging
TWL076	123	'7391650_/_8649287'		2.9	8.5	10	1.85	10	10	3.35 No	1.85	Thermal Discharging
TWL076	124	'5763728_/_5763738'		3	8.5	10	1.85	10	10	3.35 No	1.85	Thermal Discharging
TWL076	125	'5784629_/_5784642'		1.13	2.83	3.33	0.62	0.8	3.33	1.12 No	0.62	Thermal Discharging
TWL076	126	'5231709_/_5231706'		3	8.5	10	1.85	10	10	3.35 No	1.85	Thermal Discharging
TWL076	127	'685044555_/_685044501_1'		0.93	2.8	3.33	0.62	0.8	3.33	1.12 No	0.62	Thermal Discharging
TWL076	128	'37903026_/_9596721'		2.9	8.4	10	1.85	10	10	3.35 No	1.85	Thermal Discharging
TWL076	129	'37903033_/_37903030'		2.9	8.4	10	1.85	10	10	3.35 No	1.85	Thermal Discharging
TWL076	130	'43670651_/_5232575'		0.97	2.8	3.33	0.62	0.5	3.33	1.12 No	0.5	Element Fault
TWL076	131	'404194991_/_404194988'		1	2.77	3.33	0.62	1.2	3.33	1.12 No	0.62	Thermal Discharging
TWL076	132	'37903040_/_37903037'		1	2.77	3.33	0.62	1.1	3.33	1.12 No	0.62	Thermal Discharging
TWL076	133	'5754681_/_5754678'		2.9	8.3	10	1.85	10	10	3.35 No	1.85	Thermal Discharging
TWL076	134	'5741103_/_5741100'		2.9	8.2	10	1.85	10	10	3.35 No	1.85	Thermal Discharging
TWL076	135	'685044465_/_685044462_2'		0.97	2.73	3.33	0.62	1.2	3.33	1.12 No	0.62	Thermal Discharging
TWL076	136	'43670367_/_5236352'		0.9	2.53	3.33	0.62	0.5	3.33	1.12 No	0.5	Element Fault
TWL076	137	'685044628_/_685044462_1'		0.93	2.73	3.33	0.62	0.5	3.33	1.12 No	0.5	Element Fault
TWL076	138	'685044653_/_685044522_1'		1.1	2.73	3.33	0.62	0.8	3.33	1.12 No	0.62	Thermal Discharging
TWL076	139	'43670345_/_5236232'		2.9	8.1	10	1.85	10	9.95	3.35 No	1.85	Thermal Discharging
TWL076	140	'5764857_/_5764854'		2.8	8.1	10	1.85	10	9.94	3.35 No	1.85	Thermal Discharging
TWL076	141	'43778655_/_685044522_2'		0.93	2.7	3.33	0.62	0.5	3.33	1.12 No	0.5	Element Fault
TWL076	142	'40669153_/_9688748'		0.97	2.7	3.33	0.62	0.5	3.33	1.12 No	0.5	Element Fault
TWL076	143	'5758561_/_5758558'		0.93	2.7	3.33	0.62	0.5	3.33	1.12 No	0.5	Element Fault
TWL076	144	'38051889_/_9689718'		1.07	2.7	3.33	0.62	0.5	3.33	1.12 No	0.5	Element Fault
TWL076	145	'43779407_/_5763923'		0.93	2.67	3.33	0.62	0.8	3.33	1.12 No	0.62	Thermal Discharging
TWL076	146	'404716980_/_38051886'		0.93	2.7	3.33	0.62	0.5	3.31	1.12 No	0.5	Element Fault

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TWL076	147	'38051805_/_38051802'		1.07	2.67	3.33	0.62	0.8	3.33	1.12 No	0.62 Thermal Discharging
TWL076	148	'38051791_/_38051788'		2.8	8	10	1.85	10	9.84	3.35 No	1.85 Thermal Discharging
TWL076	149	'5231865_/_5231862'		0.93	2.67	3.33	0.62	0.8	3.33	1.12 No	0.62 Thermal Discharging
TWL076	150	'40364230_/_44101025'		0.93	2.67	3.33	0.62	0.5	3.33	1.12 No	0.5 Element Fault
TWL076	151	'38051903_/_38051907'		2.8	8	10	1.85	10	9.8	3.35 No	1.85 Thermal Discharging
TWL076	152	'43670707_/_5232510'		0.9	2.63	3.33	0.62	0.5	3.33	1.12 No	0.5 Element Fault
TWL076	153	'43777017_/_7101771'		0.93	2.63	3.33	0.62	1.2	3.27	1.12 No	0.62 Thermal Discharging
TWL076	154	'5236446_/_5236443'		2.7	7.9	10	1.85	2.4	10	3.35 No	1.85 Thermal Discharging
TWL076	155	'5741057_/_5743320'		2.8	7.9	10	1.85	10	9.73	3.35 No	1.85 Thermal Discharging
TWL076	156	'5784616_/_5784626'		2.7	7.9	10	1.85	10	9.73	3.35 No	1.85 Thermal Discharging
TWL076	157	'8117023_/_44097751'		0.93	2.63	3.33	0.62	1.2	3.26	1.12 No	0.62 Thermal Discharging
TWL076	158	'247856882_/_247856892'		0.93	2.63	3.33	0.62	0.5	3.22	1.12 No	0.5 Element Fault
TWL076	159	'5231722_/_5231719'		0.93	2.6	3.33	0.62	0.8	3.23	1.12 No	0.62 Thermal Discharging
TWL076	160	'5760904_/_5760901'		2.8	7.8	10	1.85	10	9.62	3.35 No	1.85 Thermal Discharging
TWL076	161	'7391386_/_7391384'		2.7	7.8	10	1.85	10	9.58	3.35 No	1.85 Thermal Discharging
TWL076	162	'5763712_/_5763725'		0.9	2.57	3.33	0.62	0.5	3.2	1.12 No	0.5 Element Fault
TWL076	163	'8777260_/_8777258'		2.7	7.7	10	1.85	3.5	9.56	3.35 No	1.85 Thermal Discharging
TWL076	164	'5764870_/_5764867'		2.7	7.7	10	1.85	10	9.52	3.35 No	1.85 Thermal Discharging
TWL076	165	'9688767_/_9688784'		2.7	7.7	10	1.85	10	9.51	3.35 No	1.85 Thermal Discharging
TWL076	166	'5785363_/_5785376'		0.9	2.57	3.33	0.62	0.5	3.16	1.12 No	0.5 Element Fault
TWL076	167	'37903012_/_37903016'		0.87	2.53	3.33	0.62	1.15	3.29	1.12 No	0.62 Thermal Discharging
TWL076	168	'5236368_/_5236365'		2.7	7.6	10	1.85	10	9.44	3.35 No	1.85 Thermal Discharging
TWL076	169	'5231878_/_5231875'		0.9	2.53	3.33	0.62	0.5	3.2	1.12 No	0.5 Element Fault
TWL076	170	'5763874_/_5763871'		0.97	2.53	3.33	0.62	0.5	3.2	1.12 No	0.5 Element Fault
TWL076	171	'43670663_/_43670653'		0.9	2.53	3.33	0.62	0.5	3.16	1.12 No	0.5 Element Fault
TWL076	172	'9688766_/_9688764'		0.9	2.53	3.33	0.62	0.5	3.19	1.12 No	0.5 Element Fault
TWL076	173	'5763939_/_43779409'		0.9	2.53	3.33	0.62	0.5	3.33	1.12 No	0.5 Element Fault
TWL076	174	'5743297_/_5743307'		1	2.53	3.33	0.62	0.8	3.33	1.12 No	0.62 Thermal Discharging
TWL076	175	'5236248_/_43670347'		2.6	7.6	10	1.85	10	9.37	3.35 No	1.85 Thermal Discharging
TWL076	176	'5232684_/_8968369'		0.9	2.53	3.33	0.62	0.5	3.13	1.12 No	0.5 Element Fault
TWL076	177	'5232526_/_5232523'		2.7	7.5	10	1.85	10	9.34	3.35 No	1.85 Thermal Discharging
TWL076	178	'5763887_/_5763884'		0.87	2.5	3.33	0.62	0.8	3.31	1.12 No	0.62 Thermal Discharging
TWL076	179	'5741058_/_5741055'		0.9	2.5	3.33	0.62	1.1	3.12	1.12 No	0.62 Thermal Discharging
TWL076	180	'43670235_/_5236456'		2.6	7.5	10	1.85	10	9.29	3.35 No	1.85 Thermal Discharging
TWL076	181	'5784615_/_43784465'		2.6	7.5	10	1.85	10	9.27	3.35 No	1.85 Thermal Discharging
TWL076	182	'43775408_/_5741113'		2.6	7.5	10	1.85	1.6	9.28	3.35 No	1.6 Element Fault
TWL076	183	'5763952_/_5763949'		2.6	7.5	10	1.85	10	9.26	3.35 No	1.85 Thermal Discharging
TWL076	184	'5231735_/_5231732'		2.7	7.5	10	1.85	10	9.26	3.35 No	1.85 Thermal Discharging
TWL076	185	'5753414_/_43777019'		0.97	2.5	3.33	0.62	0.5	3.15	1.12 No	0.5 Element Fault
TWL076	186	'5763699_/_5763709'		0.9	2.47	3.33	0.62	1.2	3.09	1.12 No	0.62 Thermal Discharging
TWL076	187	'37907048_/_9682768'		2.6	7.5	10	1.85	10	9.25	3.35 No	1.85 Thermal Discharging
TWL076	188	'37907055_/_37907052'		0.87	2.47	3.33	0.62	1.2	3.08	1.12 No	0.62 Thermal Discharging
TWL076	189	'404419197_/_404419194'		0.87	2.47	3.33	0.62	0.5	3.09	1.12 No	0.5 Element Fault
TWL076	190	'37907076_/_37907080'		0.87	2.47	3.33	0.62	0.5	3.27	1.12 No	0.5 Element Fault
TWL076	191	'37907062_/_37907059'		0.83	2.47	3.33	0.62	0.5	3.33	1.12 No	0.5 Element Fault
TWL076	192	'5236381_/_5236378'		2.6	7.4	10	1.85	10	9.18	3.35 No	1.85 Thermal Discharging
TWL076	193	'43778644_/_5760914'		0.87	2.47	3.33	0.62	0.5	3.11	1.12 No	0.5 Element Fault
TWL076	194	'5417117_/_8655382'		0.9	2.47	3.33	0.62	0.5	3.08	1.12 No	0.5 Element Fault
TWL076	195	'43670483_/_5231888'		0.83	2.47	3.33	0.62	0.5	3.33	1.12 No	0.5 Element Fault
TWL076	196	'5763965_/_5763962'		0.9	2.47	3.33	0.62	0.5	3.09	1.12 No	0.5 Element Fault
TWL076	197	'5763900_/_5763897'		0.97	2.47	3.33	0.62	0.5	3.33	1.12 No	0.5 Element Fault
TWL076	198	'5232594_/_5232591'		0.83	2.43	3.33	0.62	0.8	3.26	1.12 No	0.62 Thermal Discharging
TWL076	199	'5763686_/_5763696'		1.03	2.43	3.33	0.62	0.8	3.2	1.12 No	0.62 Thermal Discharging
TWL076	200	'43784541_/_5785360'		0.9	2.43	3.33	0.62	0.5	3.05	1.12 No	0.5 Element Fault
TWL076	201	'43670439_/_5231745'		2.6	7.3	10	1.85	10	9.08	3.35 No	1.85 Thermal Discharging
TWL076	202	'5232539_/_5232536'		0.83	2.43	3.33	0.62	0.8	3.24	1.12 No	0.62 Thermal Discharging
TWL076	203	'43670629_/_5232682'		0.87	2.43	3.33	0.62	0.5	3.05	1.12 No	0.5 Element Fault
TWL076	204	'5740990_/_5743294'		2.5	7.3	10	1.85	2.4	9.68	3.35 No	1.85 Thermal Discharging
TWL076	205	'5236261_/_5236258'		0.83	2.43	3.33	0.62	1.15	3.17	1.12 No	0.62 Thermal Discharging
TWL076	206	'5236767_/_5236764'		0.87	2.43	3.33	0.62	0.5	3.01	1.12 No	0.5 Element Fault
TWL076	207	'5763673_/_5763683'		0.87	2.43	3.33	0.62	0.5	3.01	1.12 No	0.5 Element Fault
TWL076	208	'44674859_/_5231901'		2.6	7.2	10	1.85	10	9	3.35 No	1.85 Thermal Discharging
TWL076	209	'7391370_/_8649255'		1.03	2.4	3.33	0.62	0.5	3.16	1.12 No	0.5 Element Fault
TWL076	210	'5416894_/_7091023'		0.87	2.4	3.33	0.62	0.5	3.01	1.12 No	0.5 Element Fault
TWL076	211	'5741132_/_43775410'		0.93	2.4	3.33	0.62	0.8	3.27	1.12 No	0.62 Thermal Discharging
TWL076	212	'5236394_/_5236391'		0.83	2.4	3.33	0.62	0.5	3.04	1.12 No	0.5 Element Fault
TWL076	213	'5753427_/_5753424'		1	2.4	3.33	0.62	0.8	3.14	1.12 No	0.62 Thermal Discharging
TWL076	214	'5232399_/_8024282'		2.6	7.1	10	1.85	10	8.92	3.35 No	1.85 Thermal Discharging
TWL076	215	'7391371_/_7391368'		0.87	2.37	3.33	0.62	0.5	2.96	1.12 No	0.5 Element Fault
TWL076	216	'5741045_/_5741042'		2.5	7.1	10	1.85	1.6	8.98	3.35 No	1.6 Element Fault
TWL076	217	'5236407_/_5236404'		0.93	2.37	3.33	0.62	0.8	3.03	1.12 No	0.62 Thermal Discharging
TWL076	218	'44769820_/_5231758'		0.93	2.37	3.33	0.62	0.8	3.24	1.12 No	0.62 Thermal Discharging
TWL076	219	'43709233_/_5417115'		0.83	2.37	3.33	0.62	0.8	3.16	1.12 No	0.62 Thermal Discharging
TWL076	220	'8427075_/_8427088'		0.87	2.37	3.33	0.62	0.5	2.97	1.12 No	0.5 Element Fault
TWL076	221	'5785616_/_5785614'		0.8	2.37	3.33	0.62	0.5	3.24	1.12 No	0.5 Element Fault
TWL076	222	'5232607_/_5232604'		2.4	7.1	10	1.85	1.6	8.93	3.35 No	1.6 Element Fault
TWL076	223	'5416839_/_5416891'		0.8	2.33	3.33	0.62	0.8	3.15	1.12 No	0.62 Thermal Discharging
TWL076	224	'9288985_/_9288983'		0.83	2.33	3.33	0.62	0.5	3.01	1.12 No	0.5 Element Fault
TWL076	225	'5740989_/_5740987'		2.5	7	10	1.85	10	8.81	3.35 No	1.85 Thermal Discharging
TWL076	226	'8427074_/_8427072'		1	2.33	3.33	0.62	0.5	3.1	1.12 No	0.5 Element Fault
TWL076	227	'43779396_/_5763670'		0.83	2.33	3.33	0.62	0.5	3.02	1.12 No	0.5 Element Fault
TWL076	228	'5785702_/_5785712_1'		0.93	2.33	3.33	0.62	0.8	3	1.12 No	0.62 Thermal Discharging
TWL076	229	'5236274_/_5236271'		0.8	2.33	3.33	0.62	0.5	3.21	1.12 No	0.5 Element Fault
TWL076	230	'5236780_/_5236777'		2.5	7	10	1.85	10	8.74	3.35 No	1.85 Thermal Discharging
TWL076	231	'5232698_/_5232695'		0.83	2.33	3.33	0.62	0.5	2.91	1.12 No	0.5 Element Fault
TWL076	232	'5417001_/_5416998'		0.83	2.3	3.33	0.62	0.5	2.92	1.12 No	0.5 Element Fault
TWL076	233	'43670718_/_5232549'		0.9	2.3	3.33	0.62	0.5	2.94	1.12 No	0.5 Element Fault
TWL076	234	'5741145_/_5741142'		0.9	2.3	3.33	0.62	0.5	3	1.12 No	0.5 Element Fault
TWL076	235	'5785676_/_5785686'		0.8	2.3	3.33	0.62	0.5	2.99	1.12 No	0.5 Element Fault
TWL076	236	'497964071_/_624678384'		2.5	6.9	10	1.85	1.5	8.91	3.35 No	1.5 Element Fault
TWL076	237	'5763657_/_5763858'		0.8	2.3	3.33	0.62	0.5	2.98	1.12 No	0.5 Element Fault
TWL076	238	'55766908_/_55766726'		0.8	2.3	3.33	0.62	0.5	3.18	1.12 No	0.5 Element Fault
TWL076	239	'5416855_/_5416852'		2.5	6.9	10	1.85	10	8.67	3.35 No	1.85 Thermal Discharging
TWL076	240	'43670560_/_5232397'		0.8	2.3	3.33	0.62	0.8	3.11	1.12 No	0.62 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TWL076	241	'5417014_/_5417011'	0.97	2.3	3.33	0.62	0.5	3.05	1.12 No	0.5	Element Fault
TWL076	242	'37903054_/_37903058'	0.9	2.3	3.33	0.62	0.5	2.94	1.12 No	0.5	Element Fault
TWL076	243	'45364139_/_5232562'	0.83	2.3	3.33	0.62	1.8	2.87	1.12 No	0.62	Thermal Discharging
TWL076	244	'43670674_/_5232617'	0.9	2.27	3.33	0.62	0.8	3.15	1.12 No	0.62	Thermal Discharging
TWL076	245	'43709247_/_43709235'	2.4	6.8	10	1.85	10	8.57	3.35 No	1.85	Thermal Discharging
TWL076	246	'5742235_/_5742245'	0.77	2.27	3.33	0.62	0.5	3.15	1.12 No	0.5	Element Fault
TWL076	247	'5236793_/_5236790'	2.4	6.8	10	1.85	2.4	9.22	3.35 No	1.85	Thermal Discharging
TWL076	248	'5416838_/_5416836'	0.97	2.27	3.33	0.62	0.5	3.02	1.12 No	0.5	Element Fault
TWL076	249	'5785174_/_5785712_2'	0.77	2.27	3.33	0.62	0.5	3.06	1.12 No	0.5	Element Fault
TWL076	250	'5232344_/_8024392'	0.8	2.27	3.33	0.62	0.5	2.84	1.12 No	0.5	Element Fault
TWL076	251	'5785663_/_5785673'	2.4	6.7	10	1.85	10	8.5	3.35 No	1.85	Thermal Discharging
TWL076	252	'5742234_/_5742232'	0.87	2.23	3.33	0.62	0.5	2.89	1.12 No	0.5	Element Fault
TWL076	253	'5416868_/_5416865'	0.9	2.23	3.33	0.62	0.5	3.1	1.12 No	0.5	Element Fault
TWL076	254	'43670640_/_5232711'	0.93	2.23	3.33	0.62	1.1	3	1.12 No	0.62	Thermal Discharging
TWL076	255	'43709200_/_5417024'	0.77	2.23	3.33	0.62	0.5	3.05	1.12 No	0.5	Element Fault
TWL076	256	'5763644_/_5763654'	0.9	2.23	3.33	0.62	0.8	3.1	1.12 No	0.62	Thermal Discharging
TWL076	257	'5417135_/_5417132'	0.9	2.23	3.33	0.62	0.8	3.1	1.12 No	0.62	Thermal Discharging
TWL076	258	'7704660_/_8342121'	0.77	2.23	3.33	0.62	0.8	3.04	1.12 No	0.62	Thermal Discharging
TWL076	259	'5236805_/_5236816'	0.8	2.23	3.33	0.62	1.2	2.82	1.12 No	0.62	Thermal Discharging
TWL076	260	'5785175_/_5785172'	2.4	6.7	10	1.85	10	8.42	3.35 No	1.85	Thermal Discharging
TWL076	261	'5785295_/_5785292'	0.83	2.23	3.33	0.62	0.5	2.83	1.12 No	0.5	Element Fault
TWL076	262	'8649274_/_8649271'	0.87	2.23	3.33	0.62	0.5	2.87	1.12 No	0.5	Element Fault
TWL076	263	'70276208_/_7704657_2'	0.87	2.2	3.33	0.62	0.5	2.91	1.12 No	0.5	Element Fault
TWL076	264	'5232151_/_7093383'	0.87	2.2	3.33	0.62	0.5	2.86	1.12 No	0.5	Element Fault
TWL076	265	'43670572_/_43670562'	0.87	2.2	3.33	0.62	0.5	2.84	1.12 No	0.5	Element Fault
TWL076	266	'43670583_/_7704657_1'	0.77	2.2	3.33	0.62	0.5	2.89	1.12 No	0.5	Element Fault
TWL076	267	'5232633_/_5232630'	0.77	2.2	3.33	0.62	1.15	2.95	1.12 No	0.62	Thermal Discharging
TWL076	268	'5417152_/_5417149'	2.4	6.6	10	1.85	10	8.35	3.35 No	1.85	Thermal Discharging
TWL076	269	'271141976_/_5232177_1'	0.8	2.23	3.33	0.62	0.5	2.8	1.12 No	0.5	Element Fault
TWL076	270	'337008321_/_337008318'	2.4	6.6	10	1.85	10	8.34	3.35 No	1.85	Thermal Discharging
TWL076	271	'5232727_/_5232724'	0.77	2.17	3.33	0.62	0.5	2.85	1.12 No	0.5	Element Fault
TWL076	272	'43784530_/_43784532'	2.4	6.5	10	1.85	10	8.27	3.35 No	1.85	Thermal Discharging
TWL076	273	'5232180_/_5232177_2'	0.77	2.17	3.33	0.62	0.5	2.83	1.12 No	0.5	Element Fault
TWL076	274	'43709145_/_5416878'	0.77	2.17	3.33	0.62	0.5	2.86	1.12 No	0.5	Element Fault
TWL076	275	'5417040_/_5417037'	0.77	2.17	3.33	0.62	0.5	2.87	1.12 No	0.5	Element Fault
TWL076	276	'5763643_/_5763641'	0.8	2.17	3.33	0.62	0.5	2.77	1.12 No	0.5	Element Fault
TWL076	277	'43670606_/_5232342'	0.93	2.17	3.33	0.62	0.8	2.85	1.12 No	0.62	Thermal Discharging
TWL076	278	'43784563_/_5785308'	2.3	6.5	10	1.85	10	8.21	3.35 No	1.85	Thermal Discharging
TWL076	279	'5232196_/_5232193'	0.87	2.17	3.33	0.62	0.5	2.79	1.12 No	0.5	Element Fault
TWL076	280	'5417172_/_5417169'	2.3	6.4	10	1.85	10	8.15	3.35 No	1.85	Thermal Discharging
TWL076	281	'5232646_/_5232643'	0.87	2.13	3.33	0.62	0.5	2.78	1.12 No	0.5	Element Fault
TWL076	282	'5236952_/_5236803'	0.9	2.13	3.33	0.62	0.8	2.9	1.12 No	0.62	Thermal Discharging
TWL076	283	'337008343_/_337008340'	2.3	6.4	10	1.85	10	8.12	3.35 No	1.85	Thermal Discharging
TWL076	284	'5232416_/_5232413'	2.3	6.4	10	1.85	10	8.12	3.35 No	1.85	Thermal Discharging
TWL076	285	'9376789_/_69652010'	2.2	6.4	10	1.85	2.4	8.82	3.35 No	1.85	Thermal Discharging
TWL076	286	'5416696_/_5416693'	0.83	2.13	3.33	0.62	0.5	2.78	1.12 No	0.5	Element Fault
TWL076	287	'5232138_/_5232148'	2.3	6.4	10	1.85	10	8.1	3.35 No	1.85	Thermal Discharging
TWL076	288	'5784409_/_5785159'	0.83	2.13	3.33	0.62	0.5	2.77	1.12 No	0.5	Element Fault
TWL076	289	'43670595_/_43670585'	0.9	2.13	3.33	0.62	0.5	2.89	1.12 No	0.5	Element Fault
TWL076	290	'43784585_/_337008416'	0.87	2.13	3.33	0.62	0.5	2.75	1.12 No	0.5	Element Fault
TWL076	291	'5232740_/_5232737'	2.2	6.4	10	1.85	1.6	8.34	3.35 No	1.6	Element Fault
TWL076	292	'8995712_/_8995709_1'	2.3	6.4	10	1.85	10	8.07	3.35 No	1.85	Thermal Discharging
TWL076	293	'108758735_/_5416706_1'	0.83	2.13	3.33	0.62	0.5	2.97	1.12 No	0.5	Element Fault
TWL076	294	'239514706_/_9376786_2'	2.3	6.4	10	1.85	10	8.06	3.35 No	1.85	Thermal Discharging
TWL076	295	'5417053_/_5417050'	0.8	2.1	3.33	0.62	0.5	2.72	1.12 No	0.5	Element Fault
TWL076	296	'5785512_/_337008356'	0.8	2.1	3.33	0.62	0.5	2.81	1.12 No	0.5	Element Fault
TWL076	297	'5416709_/_5416706_2'	0.73	2.1	3.33	0.62	0.5	2.91	1.12 No	0.5	Element Fault
TWL076	298	'5741202_/_9376786_1'	0.83	2.1	3.33	0.62	0.5	2.95	1.12 No	0.5	Element Fault
TWL076	299	'5232209_/_5232206'	0.73	2.1	3.33	0.62	0.53	2.76	1.12 No	0.53	Element Fault
TWL076	300	'5417192_/_5417189'	2.3	6.3	10	1.85	10	7.99	3.35 No	1.85	Thermal Discharging
TWL076	301	'43784574_/_43784587'	0.87	2.1	3.33	0.62	1.1	2.86	1.12 No	0.62	Thermal Discharging
TWL076	302	'43670618_/_43670608'	0.77	2.1	3.33	0.62	0.5	2.67	1.12 No	0.5	Element Fault
TWL076	303	'5232429_/_5232426'	2.3	6.3	10	1.85	10	7.98	3.35 No	1.85	Thermal Discharging
TWL076	304	'43670257_/_43670259'	0.73	2.1	3.33	0.62	0.5	2.9	1.12 No	0.5	Element Fault
TWL076	305	'5232020_/_5232135'	0.83	2.1	3.33	0.62	0.5	2.75	1.12 No	0.5	Element Fault
TWL076	306	'5785323_/_43784565'	0.73	2.1	3.33	0.62	0.5	2.72	1.12 No	0.5	Element Fault
TWL076	307	'43670685_/_5232656'	0.73	2.1	3.33	0.62	0.8	2.9	1.12 No	0.62	Thermal Discharging
TWL076	308	'622498182_/_5232018_1'	0.87	2.1	3.33	0.62	0.5	2.7	1.12 No	0.5	Element Fault
TWL076	309	'5232753_/_5232750'	2.3	6.3	10	1.85	4.9	7.96	3.35 No	1.85	Thermal Discharging
TWL076	310	'5784396_/_5784406'	0.87	2.1	3.33	0.62	0.5	2.84	1.12 No	0.5	Element Fault
TWL076	311	'5232316_/_5232313'	0.7	2.1	3.33	0.62	1.15	2.83	1.12 No	0.62	Thermal Discharging
TWL076	312	'43784596_/_5785509'	0.8	2.07	3.33	0.62	0.5	2.69	1.12 No	0.5	Element Fault
TWL076	313	'7711861_/_9589335'	2.3	6.2	10	1.85	10	7.92	3.35 No	1.85	Thermal Discharging
TWL076	314	'5416722_/_5416719'	2.2	6.2	10	1.85	2.4	8.63	3.35 No	1.85	Thermal Discharging
TWL076	315	'5741203_/_5741200'	0.73	2.07	3.33	0.62	0.5	2.77	1.12 No	0.5	Element Fault
TWL076	316	'43709167_/_7093399'	0.83	2.07	3.33	0.62	0.8	2.92	1.12 No	0.62	Thermal Discharging
TWL076	317	'5784422_/_5784419'	2.2	6.2	10	1.85	1.5	8.61	3.35 No	1.5	Element Fault
TWL076	318	'5417066_/_5417063'	2.3	6.2	10	1.85	10	7.88	3.35 No	1.85	Thermal Discharging
TWL076	319	'471472022_/_5785094_1'	0.87	2.07	3.33	0.62	0.8	2.75	1.12 No	0.62	Thermal Discharging
TWL076	320	'5232766_/_5232763'	0.87	2.07	3.33	0.62	0.5	2.66	1.12 No	0.5	Element Fault
TWL076	321	'5417212_/_5417209'	0.73	2.07	3.33	0.62	0.3	2.72	1.12 No	0.3	Element Fault
TWL076	322	'5785243_/_5785240'	0.7	2.07	3.33	0.62	0.5	2.86	1.12 No	0.5	Element Fault
TWL076	323	'8655404_/_9288963_1'	2.2	6.2	10	1.85	10	7.84	3.35 No	1.85	Thermal Discharging
TWL076	324	'45264152_/_5232669'	0.83	2.03	3.33	0.62	0.5	2.67	1.12 No	0.5	Element Fault
TWL076	325	'5232021_/_5232018_2'	0.57	1.43	3.33	0.62	0.5	2.8	1.12 No	0.5	Element Fault
TWL076	326	'9288966_/_9288963_2'	0.8	2.03	3.33	0.62	0.5	2.65	1.12 No	0.5	Element Fault
TWL076	327	'5232442_/_5232439'	2.2	6.1	10	1.85	10	7.77	3.35 No	1.85	Thermal Discharging
TWL076	328	'7415637_/_8995709_2'	2.2	6.1	10	1.85	10	7.77	3.35 No	1.85	Thermal Discharging
TWL076	329	'43709123_/_5416732'	0.87	2.03	3.33	0.62	0.5	2.62	1.12 No	0.5	Element Fault
TWL076	330	'5763239_/_5784393'	0.87	2.03	3.33	0.62	0.5	2.67	1.12 No	0.5	Element Fault
TWL076	331	'5232361_/_5232358'	0.77	2	3.33	0.62	0.5	2.71	1.12 No	0.5	Element Fault
TWL076	332	'5785324_/_5785321'	0.8	2	3.33	0.62	0.5	2.67	1.12 No	0.5	Element Fault
TWL076	333	'5785097_/_5785094_2'	0.8	2	3.33	0.62	0.5	2.85	1.12 No	0.5	Element Fault
TWL076	334	'5743362_/_5743359'	0.7	2	3.33	0.62	0.5	2.81	1.12 No	0.5	Element Fault

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TWL076	335	'7398747_/_7711859'	2.2		6	10	1.85	10	7.71	3.35 No	1.85 Thermal Discharging
TWL076	336	'43709260_/_5232329'	0.7		2	3.33	0.62	0.5	2.68	1.12 No	0.5 Element Fault
TWL076	337	'5785256_/_5785253'	2.2		6	10	1.85	10	7.68	3.35 No	1.85 Thermal Discharging
TWL076	338	'5416907_/_43709169'	0.87		2	3.33	0.62	0.8	2.69	1.12 No	0.62 Thermal Discharging
TWL076	339	'43709211_/_5417076'	2.2		6	10	1.85	10	7.66	3.35 No	1.85 Thermal Discharging
TWL076	340	'5785110_/_5785107'	2.2		6	10	1.85	3.5	7.73	3.35 No	1.85 Thermal Discharging
TWL076	341	'5785337_/_5785334'	0.8		2	3.33	0.62	0.5	2.61	1.12 No	0.5 Element Fault
TWL076	342	'5232112_/_5232122'	0.7		2	3.33	0.62	0.5	2.68	1.12 No	0.5 Element Fault
TWL076	343	'5247093_/_5247090'	2.2		6	10	1.85	1.5	7.65	3.35 No	1.5 Element Fault
TWL076	344	'5763238_/_5763236'	2.2		6	10	1.85	10	7.64	3.35 No	1.85 Thermal Discharging
TWL076	345	'5232374_/_5232371'	2.2		6	10	1.85	10	7.63	3.35 No	1.85 Thermal Discharging
TWL076	346	'43709265_/_43709262'	0.87		2	3.33	0.62	0.5	2.63	1.12 No	0.5 Element Fault
TWL076	347	'43784519_/_5785120'	2.2		6	10	1.85	10	7.62	3.35 No	1.85 Thermal Discharging
TWL076	348	'45169101_/_5417089'	0.73		2	3.33	0.62	0.5	2.57	1.12 No	0.5 Element Fault
TWL076	349	'5247106_/_5247103'	0.8		2	3.33	0.62	0.8	2.82	1.12 No	0.62 Thermal Discharging
TWL076	350	'5416748_/_43709125'	2.2		5.9	10	1.85	10	7.6	3.35 No	1.85 Thermal Discharging
TWL076	351	'7398746_/_7398744'	0.83		1.97	3.33	0.62	0.5	2.73	1.12 No	0.5 Element Fault
TWL076	352	'5785269_/_5785266'	0.83		1.97	3.33	0.62	0.8	2.73	1.12 No	0.62 Thermal Discharging
TWL076	353	'5416923_/_5416920'	2.2		5.9	10	1.85	10	7.59	3.35 No	1.85 Thermal Discharging
TWL076	354	'154557145_/_8976027'	0.7		1.97	3.33	0.62	0.5	2.66	1.12 No	0.5 Element Fault
TWL076	355	'7712055_/_8035001'	0.83		1.97	3.33	0.62	0.5	2.73	1.12 No	0.5 Element Fault
TWL076	356	'7415638_/_7415635'	0.83		1.97	3.33	0.62	0.5	2.72	1.12 No	0.5 Element Fault
TWL076	357	'43670516_/_5232109'	0.7		1.97	3.33	0.62	0.5	2.67	1.12 No	0.5 Element Fault
TWL076	358	'5763346_/_5763356'	2.2		5.9	10	1.85	5.4	7.56	3.35 No	1.85 Thermal Discharging
TWL076	359	'5236498_/_5236894'	0.77		1.97	3.33	0.62	0.5	2.67	1.12 No	0.5 Element Fault
TWL076	360	'5232387_/_5232384'	2.2		5.9	10	1.85	10	7.54	3.35 No	1.85 Thermal Discharging
TWL076	361	'5785054_/_43784521'	0.67		1.97	3.33	0.62	1.15	2.69	1.12 No	0.62 Thermal Discharging
TWL076	362	'5416936_/_5416933'	0.77		1.97	3.33	0.62	0.5	2.61	1.12 No	0.5 Element Fault
TWL076	363	'5416761_/_5416758'	0.73		1.97	3.33	0.62	0.3	2.62	1.12 No	0.3 Element Fault
TWL076	364	'5785282_/_5785279'	2.1		5.9	10	1.85	1.5	7.95	3.35 No	1.5 Element Fault
TWL076	365	'5236964_/_5236962'	0.77		1.97	3.33	0.62	0.5	2.54	1.12 No	0.5 Element Fault
TWL076	366	'421639882_/_5238460_2'	2.2		5.8	10	1.85	10	7.48	3.35 No	1.85 Thermal Discharging
TWL076	367	'5785055_/_5785052'	0.8		1.93	3.33	0.62	0.5	2.56	1.12 No	0.5 Element Fault
TWL076	368	'7712136_/_434553241'	0.8		1.93	3.33	0.62	0.5	2.56	1.12 No	0.5 Element Fault
TWL076	369	'5416949_/_5416946'	0.77		1.93	3.33	0.62	0.5	2.56	1.12 No	0.5 Element Fault
TWL076	370	'8034706_/_8975847'	0.83		1.93	3.33	0.62	0.5	2.68	1.12 No	0.5 Element Fault
TWL076	371	'447227294_/_447227296'	0.7		1.93	3.33	0.62	0.5	2.57	1.12 No	0.5 Element Fault
TWL076	372	'5232086_/_5232096'	0.77		1.93	3.33	0.62	0.5	2.75	1.12 No	0.5 Element Fault
TWL076	373	'5796737_/_5796734'	2		5.8	10	1.85	1.6	7.8	3.35 No	1.6 Element Fault
TWL076	374	'71378018_/_52966911'	2.1		5.8	10	1.85	10	7.41	3.35 No	1.85 Thermal Discharging
TWL076	375	'43671823_/_5238460_1'	0.67		1.93	3.33	0.62	0.5	2.7	1.12 No	0.5 Element Fault
TWL076	376	'5785042_/_5785068'	0.77		1.93	3.33	0.62	0.3	2.55	1.12 No	0.3 Element Fault
TWL076	377	'43779126_/_5763343'	2.1		5.8	10	1.85	4.7	7.43	3.35 No	1.85 Thermal Discharging
TWL076	378	'43709134_/_5416771'	2.1		5.7	10	1.85	3.9	7.43	3.35 No	1.85 Thermal Discharging
TWL076	379	'52966936_/_7712053'	0.77		1.9	3.33	0.62	0.5	2.57	1.12 No	0.5 Element Fault
TWL076	380	'5785029_/_5785039'	0.67		1.9	3.33	0.62	0.5	2.61	1.12 No	0.5 Element Fault
TWL076	381	'43709178_/_5416959'	2.1		5.7	10	1.85	4.7	7.41	3.35 No	1.85 Thermal Discharging
TWL076	382	'5785084_/_5785081'	0.8		1.9	3.33	0.62	0.8	2.6	1.12 No	0.62 Thermal Discharging
TWL076	383	'7164626_/_7164623'	0.77		1.9	3.33	0.62	0.3	2.53	1.12 No	0.3 Element Fault
TWL076	384	'5238437_/_5238447'	0.77		1.9	3.33	0.62	0.5	2.73	1.12 No	0.5 Element Fault
TWL076	385	'5232073_/_5232083'	2.1		5.7	10	1.85	10	7.34	3.35 No	1.85 Thermal Discharging
TWL076	386	'5416787_/_43709136'	0.67		1.9	3.33	0.62	0.5	2.69	1.12 No	0.5 Element Fault
TWL076	387	'5236472_/_5236482'	0.8		1.9	3.33	0.62	0.8	2.59	1.12 No	0.62 Thermal Discharging
TWL076	388	'69433036_/_7164634'	0.7		1.9	3.33	0.62	1.4	2.44	1.12 No	0.62 Thermal Discharging
TWL076	389	'5416975_/_5416972'	0.7		1.9	3.33	0.62	1.3	2.45	1.12 No	0.62 Thermal Discharging
TWL076	390	'5785016_/_5785026'	0.83		1.9	3.33	0.62	0.5	2.52	1.12 No	0.5 Element Fault
TWL076	391	'5232060_/_5232070'	0.77		1.9	3.33	0.62	0.3	2.51	1.12 No	0.3 Element Fault
TWL076	392	'5417246_/_5417243'	0.8		1.9	3.33	0.62	0.5	2.51	1.12 No	0.5 Element Fault
TWL076	393	'5763333_/_5763369'	2		5.7	10	1.85	1.6	7.69	3.35 No	1.6 Element Fault
TWL076	394	'5236754_/_5238434'	0.83		1.9	3.33	0.62	0.5	2.53	1.12 No	0.5 Element Fault
TWL076	395	'5236595_/_5236923'	0.73		1.87	3.33	0.62	0.5	2.7	1.12 No	0.5 Element Fault
TWL076	396	'5784451_/_5785013'	2.1		5.6	10	1.85	10	7.26	3.35 No	1.85 Thermal Discharging
TWL076	397	'43670527_/_5232057'	0.73		1.87	3.33	0.62	0.3	2.55	1.12 No	0.3 Element Fault
TWL076	398	'447227353_/_447227355'	0.77		1.87	3.33	0.62	0.3	2.48	1.12 No	0.3 Element Fault
TWL076	399	'5416800_/_5416797'	0.7		1.87	3.33	0.62	0.5	2.42	1.12 No	0.5 Element Fault
TWL076	400	'43670290_/_43670292'	0.73		1.87	3.33	0.62	0.8	2.69	1.12 No	0.62 Thermal Discharging
TWL076	401	'43709222_/_5425511'	0.8		1.87	3.33	0.62	0.8	2.55	1.12 No	0.62 Thermal Discharging
TWL076	402	'5763320_/_5763330'	2		5.6	10	1.85	3.5	7.37	3.35 No	1.85 Thermal Discharging
TWL076	403	'43709189_/_5416985'	0.67		1.87	3.33	0.62	0.5	2.55	1.12 No	0.5 Element Fault
TWL076	404	'5236753_/_5236751'	2.1		5.6	10	1.85	10	7.2	3.35 No	1.85 Thermal Discharging
TWL076	405	'5403130_/_43709224_1'	0.73		1.87	3.33	0.62	0.5	2.67	1.12 No	0.5 Element Fault
TWL076	406	'5416813_/_5416810'	0.73		1.87	3.33	0.62	0.5	2.56	1.12 No	0.5 Element Fault
TWL076	407	'5774653_/_5784448'	0.73		1.87	3.33	0.62	0.5	2.68	1.12 No	0.5 Element Fault
TWL076	408	'5236569_/_5236579'	0.8		1.87	3.33	0.62	0.5	2.48	1.12 No	0.5 Element Fault
TWL076	409	'5232034_/_5232044'	0.73		1.87	3.33	0.62	0.3	2.46	1.12 No	0.3 Element Fault
TWL076	410	'43709156_/_5416823'	0.73		1.87	3.33	0.62	0.3	2.67	1.12 No	0.3 Element Fault
TWL076	411	'5763307_/_5763317'	0.73		1.87	3.33	0.62	0.5	2.51	1.12 No	0.5 Element Fault
TWL076	412	'43711413_/_43709224_2'	1.9		5.6	10	1.85	1.6	7.59	3.35 No	1.6 Element Fault
TWL076	413	'5236857_/_5236855'	2		5.5	10	1.85	1.5	7.33	3.35 No	1.5 Element Fault
TWL076	414	'43670246_/_43670248'	0.63		1.83	3.33	0.62	0.5	2.63	1.12 No	0.5 Element Fault
TWL076	415	'5416988_/_43709191'	0.63		1.83	3.33	0.62	1.15	2.57	1.12 No	0.62 Thermal Discharging
TWL076	416	'5763521_/_5774650'	0.8		1.83	3.33	0.62	0.5	2.47	1.12 No	0.5 Element Fault
TWL076	417	'5236845_/_5236910'	0.8		1.83	3.33	0.62	0.5	2.47	1.12 No	0.5 Element Fault
TWL076	418	'5236556_/_5236566'	2.1		5.5	10	1.85	10	7.13	3.35 No	1.85 Thermal Discharging
TWL076	419	'5763291_/_5763304'	0.73		1.83	3.33	0.62	0.3	2.47	1.12 No	0.3 Element Fault
TWL076	420	'5232033_/_5232031'	0.8		1.83	3.33	0.62	0.5	2.49	1.12 No	0.5 Element Fault
TWL076	421	'43709162_/_43709158'	0.8		1.83	3.33	0.62	0.8	2.58	1.12 No	0.62 Thermal Discharging
TWL076	422	'5236728_/_5236738'	0.73		1.83	3.33	0.62	0.3	2.43	1.12 No	0.3 Element Fault
TWL076	423	'622042042_/_7477788'	0.63		1.83	3.33	0.62	0.5	2.52	1.12 No	0.5 Element Fault
TWL076	424	'5403116_/_5403114'	0.63		1.83	3.33	0.62	0.5	2.51	1.12 No	0.5 Element Fault
TWL076	425	'43779148_/_5763518'	0.77		1.83	3.33	0.62	0.5	2.57	1.12 No	0.5 Element Fault
TWL076	426	'7399141_/_9289945_1'	2		5.5	10	1.85	1.5	7.21	3.35 No	1.5 Element Fault
TWL076	427	'43670301_/_5236842'	0.63		1.83	3.33	0.62	0.5	2.52	1.12 No	0.5 Element Fault
TWL076	428	'43670279_/_5236553'	2		5.5	10	1.85	10	7.07	3.35 No	1.85 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TWL076	429	'5236715_/_5236725'		2	5.5	10	1.85	1.5	7.2	3.35 No	1.5 Element Fault
TWL076	430	'5763508_/_5763544'		0.67	1.83	3.33	0.62	1.5	2.36	1.12 No	0.62 Thermal Discharging
TWL076	431	'5417258_/_5417256'		0.77	1.83	3.33	0.62	0.5	2.56	1.12 No	0.5 Element Fault
TWL076	432	'43779115_/_43779117'		0.7	1.83	3.33	0.62	0.5	2.37	1.12 No	0.5 Element Fault
TWL076	433	'5232287_/_7093431'		2	5.5	10	1.85	3.9	7.17	3.35 No	1.85 Thermal Discharging
TWL076	434	'5232163_/_622042046'		2	5.5	10	1.85	1.5	7.25	3.35 No	1.5 Element Fault
TWL076	435	'5236714_/_5236712'		0.73	1.8	3.33	0.62	0.3	2.4	1.12 No	0.3 Element Fault
TWL076	436	'9289948_/_9289945_2'		2	5.4	10	1.85	10	7.02	3.35 No	1.85 Thermal Discharging
TWL076	437	'5763495_/_5763505'		0.77	1.8	3.33	0.62	0.5	2.41	1.12 No	0.5 Element Fault
TWL076	438	'5236634_/_5236829'		0.67	1.8	3.33	0.62	0.5	2.35	1.12 No	0.5 Element Fault
TWL076	439	'5236527_/_5236537'		0.67	1.8	3.33	0.62	0.5	2.35	1.12 No	0.5 Element Fault
TWL076	440	'5232164_/_5232161'		2	5.4	10	1.85	0.9	7.13	3.35 No	0.9 Element Fault
TWL076	441	'5763265_/_5763275'		0.7	1.8	3.33	0.62	0.5	2.49	1.12 No	0.5 Element Fault
TWL076	442	'5232274_/_5232284'		2	5.4	10	1.85	1.5	7.19	3.35 No	1.5 Element Fault
TWL076	443	'43670312_/_5236631'		2	5.4	10	1.85	10	6.97	3.35 No	1.85 Thermal Discharging
TWL076	444	'5763482_/_5763492'		1.9	5.4	10	1.85	1.6	7.42	3.35 No	1.6 Element Fault
TWL076	445	'5236511_/_5236524'		0.77	1.8	3.33	0.62	0.5	2.48	1.12 No	0.5 Element Fault
TWL076	446	'5763466_/_5763479'		0.73	1.8	3.33	0.62	0.5	2.39	1.12 No	0.5 Element Fault
TWL076	447	'5763252_/_5763262'		0.77	1.8	3.33	0.62	0.5	2.53	1.12 No	0.5 Element Fault
TWL076	448	'43670538_/_5232271'		0.8	1.8	3.33	0.62	0.5	2.42	1.12 No	0.5 Element Fault
TWL076	449	'5236608_/_5236618'		0.73	1.8	3.33	0.62	0.3	2.36	1.12 No	0.3 Element Fault
TWL076	450	'8649226_/_9597529_1'		0.73	1.8	3.33	0.62	0.5	2.45	1.12 No	0.5 Element Fault
TWL076	451	'43670268_/_5236508'		2	5.3	10	1.85	1.5	7.06	3.35 No	1.5 Element Fault
TWL076	452	'7392444_/_9597529_2'		0.73	1.77	3.33	0.62	0.4	2.38	1.12 No	0.4 Element Fault
TWL076	453	'43779137_/_43779139'		0.7	1.77	3.33	0.62	0.8	2.58	1.12 No	0.62 Thermal Discharging
TWL076	454	'5763251_/_5763249'		2	5.3	10	1.85	10	6.91	3.35 No	1.85 Thermal Discharging
TWL076	455	'5236607_/_5236605'		0.77	1.77	3.33	0.62	0.5	2.43	1.12 No	0.5 Element Fault
TWL076	456	'7392459_/_8342839_1'		0.67	1.77	3.33	0.62	0.5	2.3	1.12 No	0.5 Element Fault
TWL076	457	'5763440_/_5763450'		0.67	1.77	3.33	0.62	2.1	2.31	1.12 No	0.62 Thermal Discharging
TWL076	458	'71378005_/_52967069'		0.7	1.77	3.33	0.62	0.5	2.35	1.12 No	0.5 Element Fault
TWL076	459	'52966846_/_71378009'		1.8	5.3	10	1.85	1.6	7.35	3.35 No	1.6 Element Fault
TWL076	460	'71377994_/_71377991'		0.63	1.77	3.33	0.62	0.5	2.46	1.12 No	0.5 Element Fault
TWL076	461	'71377982_/_71377979'		0.8	1.77	3.33	0.62	0.5	2.39	1.12 No	0.5 Element Fault
TWL076	462	'5232248_/_5232258'		0.63	1.77	3.33	0.62	0.5	2.41	1.12 No	0.5 Element Fault
TWL076	463	'7392445_/_7392442'		0.6	1.77	3.33	0.62	0.5	2.54	1.12 No	0.5 Element Fault
TWL076	464	'5236938_/_5236936'		0.7	1.77	3.33	0.62	0.5	2.57	1.12 No	0.5 Element Fault
TWL076	465	'5758471_/_7093254'		0.67	1.77	3.33	0.62	2.1	2.3	1.12 No	0.62 Thermal Discharging
TWL076	466	'5763427_/_5763437'		0.7	1.77	3.33	0.62	0.3	2.33	1.12 No	0.3 Element Fault
TWL076	467	'43710987_/_9289289'		0.7	1.77	3.33	0.62	0.3	2.56	1.12 No	0.3 Element Fault
TWL076	468	'7705780_/_7705777'		2	5.3	10	1.85	10	6.85	3.35 No	1.85 Thermal Discharging
TWL076	469	'319125766_/_319125797'		0.77	1.77	3.33	0.62	0.8	2.44	1.12 No	0.62 Thermal Discharging
TWL076	470	'8649988_/_8649985'		0.67	1.77	3.33	0.62	0.5	2.29	1.12 No	0.5 Element Fault
TWL076	471	'5232235_/_5232245'		0.63	1.77	3.33	0.62	0.5	2.44	1.12 No	0.5 Element Fault
TWL076	472	'5763414_/_5763424'		0.67	1.77	3.33	0.62	0.5	2.3	1.12 No	0.5 Element Fault
TWL076	473	'8969024_/_8969021'		0.77	1.77	3.33	0.62	0.5	2.39	1.12 No	0.5 Element Fault
TWL076	474	'5758472_/_5758469'		0.7	1.77	3.33	0.62	0.5	2.55	1.12 No	0.5 Element Fault
TWL076	475	'5763401_/_5763411'		0.6	1.77	3.33	0.62	0.5	2.52	1.12 No	0.5 Element Fault
TWL076	476	'5232222_/_5232232'		0.7	1.73	3.33	0.62	0.3	2.3	1.12 No	0.3 Element Fault
TWL076	477	'8025151_/_8342839_2'		2	5.2	10	1.85	10	6.78	3.35 No	1.85 Thermal Discharging
TWL076	478	'43779159_/_43779161'		1.9	5.2	10	1.85	3.5	7.03	3.35 No	1.85 Thermal Discharging
TWL076	479	'5236647_/_7093283'		0.67	1.73	3.33	0.62	1.1	2.26	1.12 No	0.62 Thermal Discharging
TWL076	480	'5236646_/_5236644'		1.8	5.2	10	1.85	1.6	7.23	3.35 No	1.6 Element Fault
TWL076	481	'43671834_/_5238486'		1.8	5.2	10	1.85	0.9	7.22	3.35 No	0.9 Element Fault
TWL076	482	'43671833_/_5238473'		0.7	1.73	3.33	0.62	0.3	2.36	1.12 No	0.3 Element Fault
TWL076	483	'43670549_/_5232219'		2	5.2	10	1.85	3.9	6.93	3.35 No	1.85 Thermal Discharging
TWL076	484	'5763384_/_5763382'		0.7	1.73	3.33	0.62	0.3	2.28	1.12 No	0.3 Element Fault
TWL076	485	'5236686_/_5236683'		0.7	1.73	3.33	0.62	0.3	2.28	1.12 No	0.3 Element Fault
TWL076	486	'5763533_/_5763531'		0.77	1.73	3.33	0.62	0.5	2.35	1.12 No	0.5 Element Fault
TWL076	487	'8025150_/_8025148'		1.9	5.2	10	1.85	10	6.74	3.35 No	1.85 Thermal Discharging
TWL076	488	'5232792_/_5232802'		1.9	5.2	10	1.85	10	6.74	3.35 No	1.85 Thermal Discharging
TWL076	489	'5236673_/_5236696'		0.67	1.73	3.33	0.62	0.5	2.41	1.12 No	0.5 Element Fault
TWL076	490	'5232779_/_5232789'		0.63	1.73	3.33	0.62	0.5	2.26	1.12 No	0.5 Element Fault
TWL076	491	'43670323_/_43670325'		0.63	1.73	3.33	0.62	0.5	2.24	1.12 No	0.5 Element Fault
TWL076	492	'5232778_/_5232776'		0.6	1.73	3.33	0.62	0.5	2.4	1.12 No	0.5 Element Fault
TWL076	493	'44674935_/_5236657'		0.6	1.73	3.33	0.62	0.5	2.4	1.12 No	0.5 Element Fault
TWL076	494	'5754859_/_5754856'		0.6	1.7	3.33	0.62	1.15	2.42	1.12 No	0.6 Primary Over-Voltage
TWL076	495	'43777216_/_5749347'		0.77	1.7	3.33	0.62	0.5	2.34	1.12 No	0.5 Element Fault
TWL076	496	'5760743_/_5760740'		0.7	1.7	3.33	0.62	0.3	2.25	1.12 No	0.3 Element Fault
TWL076	497	'5737840_/_5738212_1'		0.73	1.7	3.33	0.62	0.5	2.44	1.12 No	0.5 Element Fault
TWL076	498	'5735243_/_5737341'		0.63	1.7	3.33	0.62	0.5	2.23	1.12 No	0.5 Element Fault
TWL076	499	'426825155_/_7101647'		0.63	1.7	3.33	0.62	0.5	2.24	1.12 No	0.5 Element Fault
TWL076	500	'5761083_/_5761080'		1.8	5.1	10	1.85	1.5	7.2	3.35 No	1.5 Element Fault
TWL076	501	'8364343_/_8364392'		0.6	1.7	3.33	0.62	0.5	2.37	1.12 No	0.5 Element Fault
TWL076	502	'435617921_/_8676838_2'		1.8	5.1	10	1.85	1.5	7.18	3.35 No	1.5 Element Fault
TWL076	503	'5738384_/_43774579'		0.67	1.7	3.33	0.62	0.5	2.48	1.12 No	0.5 Element Fault
TWL076	504	'5762376_/_5762386'		0.6	1.7	3.33	0.62	0.5	2.38	1.12 No	0.5 Element Fault
TWL076	505	'5741878_/_5741888'		0.73	1.7	3.33	0.62	0.5	2.34	1.12 No	0.5 Element Fault
TWL076	506	'5760490_/_7101667'		0.67	1.7	3.33	0.62	0.5	2.22	1.12 No	0.5 Element Fault
TWL076	507	'5753907_/_5753917_1'		0.7	1.7	3.33	0.62	0.4	2.29	1.12 No	0.4 Element Fault
TWL076	508	'5735146_/_5735143_2'		0.63	1.7	3.33	0.62	0.5	2.21	1.12 No	0.5 Element Fault
TWL076	509	'43778201_/_5759444'		0.77	1.7	3.33	0.62	0.5	2.31	1.12 No	0.5 Element Fault
TWL076	510	'5749363_/_43777218'		0.67	1.7	3.33	0.62	0.3	2.22	1.12 No	0.3 Element Fault
TWL076	511	'7101618_/_7101615'		0.77	1.7	3.33	0.62	0.5	2.28	1.12 No	0.5 Element Fault
TWL076	512	'5760930_/_5760927'		1.8	5.1	10	1.85	1.6	7.08	3.35 No	1.6 Element Fault
TWL076	513	'8677232_/_411427093_2'		1.7	5	10	1.85	1.5	7.32	3.35 No	1.5 Element Fault
TWL076	514	'7411980_/_7411977'		1.8	5	10	1.85	1.5	6.85	3.35 No	1.5 Element Fault
TWL076	515	'5741917_/_5741927'		0.63	1.67	3.33	0.62	0.5	2.36	1.12 No	0.5 Element Fault
TWL076	516	'5742863_/_7101855'		0.73	1.67	3.33	0.62	0.8	2.4	1.12 No	0.62 Thermal Discharging
TWL076	517	'8364342_/_8364340'		0.7	1.67	3.33	0.62	0.5	2.39	1.12 No	0.5 Element Fault
TWL076	518	'43778622_/_5761310'		0.7	1.67	3.33	0.62	0.5	2.39	1.12 No	0.5 Element Fault
TWL076	519	'5761947_/_5761944'		0.73	1.67	3.33	0.62	0.5	2.29	1.12 No	0.5 Element Fault
TWL076	520	'5740212_/_5740209'		0.67	1.67	3.33	0.62	0.3	2.19	1.12 No	0.3 Element Fault
TWL076	521	'5754326_/_5754323'		0.73	1.67	3.33	0.62	0.5	2.29	1.12 No	0.5 Element Fault
TWL076	522	'5754313_/_5759483'		1.7	5	10	1.85	0.9	7.01	3.35 No	0.9 Element Fault

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TWL076	523	'8675757_/_8675754'	0.7	1.67	3.33	0.62	0.8	2.34	1.12 No	0.62	Thermal Discharging
TWL076	524	'466603057_/_466603077_2'	0.7	1.67	3.33	0.62	0.5	2.34	1.12 No	0.5	Element Fault
TWL076	525	'5751254_/_5751251'	0.67	1.67	3.33	0.62	0.4	2.26	1.12 No	0.4	Element Fault
TWL076	526	'5742063_/_5742073'	0.67	1.67	3.33	0.62	0.8	2.44	1.12 No	0.62	Thermal Discharging
TWL076	527	'43778922_/_5762100'	0.73	1.67	3.33	0.62	0.5	2.3	1.12 No	0.5	Element Fault
TWL076	528	'5749152_/_5749162'	0.7	1.67	3.33	0.62	0.5	2.38	1.12 No	0.5	Element Fault
TWL076	529	'70396233_/_5742876_1'	1.33	3.33	6.67	1.23	2.6	4.47	2.23 No	1.23	Thermal Discharging
TWL076	530	'5738063_/_5740583'	0.73	1.67	3.33	0.62	0.5	2.28	1.12 No	0.5	Element Fault
TWL076	531	'43777149_/_5749097'	0.67	1.67	3.33	0.62	0.5	2.31	1.12 No	0.5	Element Fault
TWL076	532	'5739900_/_5756339'	0.67	1.67	3.33	0.62	0.5	2.22	1.12 No	0.5	Element Fault
TWL076	533	'43774603_/_5738481'	0.67	1.67	3.33	0.62	0.3	2.28	1.12 No	0.3	Element Fault
TWL076	534	'5749324_/_5749321'	1.7	5	10	1.85	0.9	7.02	3.35 No	0.9	Element Fault
TWL076	535	'8676841_/_8676838_1'	0.57	1.67	3.33	0.62	0.5	2.33	1.12 No	0.5	Element Fault
TWL076	536	'43784881_/_5792684'	0.6	1.63	3.33	0.62	0.5	2.28	1.12 No	0.5	Element Fault
TWL076	537	'5792608_/_7101683'	0.57	1.63	3.33	0.62	0.5	2.32	1.12 No	0.5	Element Fault
TWL076	538	'43775562_/_43775564'	0.67	1.63	3.33	0.62	0.5	2.41	1.12 No	0.5	Element Fault
TWL076	539	'5761774_/_5761772'	0.67	1.63	3.33	0.62	0.5	2.42	1.12 No	0.5	Element Fault
TWL076	540	'43778867_/_43778869'	1.8	4.9	10	1.85	3.5	6.73	3.35 No	1.8	Primary Over-Voltage
TWL076	541	'5738178_/_5738175'	0.73	1.63	3.33	0.62	0.5	2.26	1.12 No	0.5	Element Fault
TWL076	542	'7101634_/_7101631'	0.6	1.63	3.33	0.62	0.5	2.17	1.12 No	0.5	Element Fault
TWL076	543	'5735242_/_43773653'	0.63	1.63	3.33	0.62	0.3	2.41	1.12 No	0.3	Element Fault
TWL076	544	'5762025_/_5762035'	0.73	1.63	3.33	0.62	0.5	2.26	1.12 No	0.5	Element Fault
TWL076	545	'5754300_/_5754310'	0.6	1.63	3.33	0.62	0.5	2.16	1.12 No	0.5	Element Fault
TWL076	546	'5737798_/_5737837'	0.7	1.63	3.33	0.62	0.8	2.3	1.12 No	0.62	Thermal Discharging
TWL076	547	'5751266_/_5751264'	1.8	4.9	10	1.85	3.5	6.69	3.35 No	1.8	Primary Over-Voltage
TWL076	548	'5738195_/_5738192'	1.2	3.27	6.67	1.23	1	4.46	2.23 No	1	Element Fault
TWL076	549	'8675739_/_9307796_1'	0.6	1.63	3.33	0.62	0.5	2.17	1.12 No	0.5	Element Fault
TWL076	550	'5735107_/_5735117'	1.8	4.9	10	1.85	3.5	6.67	3.35 No	1.8	Primary Over-Voltage
TWL076	551	'7411943_/_9307814_2'	0.73	1.63	3.33	0.62	0.5	2.25	1.12 No	0.5	Element Fault
TWL076	552	'5792438_/_43775234'	0.6	1.63	3.33	0.62	0.5	2.14	1.12 No	0.5	Element Fault
TWL076	553	'5737814_/_5737811'	0.67	1.63	3.33	0.62	0.5	2.15	1.12 No	0.5	Element Fault
TWL076	554	'43777072_/_5753904'	0.63	1.6	3.33	0.62	1.2	2.14	1.12 No	0.62	Thermal Discharging
TWL076	555	'5735492_/_5735490'	0.63	1.6	3.33	0.62	0.5	2.14	1.12 No	0.5	Element Fault
TWL076	556	'5735159_/_5735156'	0.7	1.6	3.33	0.62	0.5	2.33	1.12 No	0.5	Element Fault
TWL076	557	'5742879_/_5742876_2'	0.7	1.6	3.33	0.62	0.5	2.33	1.12 No	0.5	Element Fault
TWL076	558	'43778529_/_5760753'	0.73	1.6	3.33	0.62	0.5	2.23	1.12 No	0.5	Element Fault
TWL076	559	'5754696_/_5759457'	0.57	1.6	3.33	0.62	0.5	2.35	1.12 No	0.5	Element Fault
TWL076	560	'7659407_/_434553569'	0.57	1.6	3.33	0.62	0.5	2.28	1.12 No	0.5	Element Fault
TWL076	561	'5741715_/_5741713'	0.6	1.6	3.33	0.62	0.3	2.13	1.12 No	0.3	Element Fault
TWL076	562	'65560419_/_9307740_1'	0.7	1.6	3.33	0.62	0.5	2.22	1.12 No	0.5	Element Fault
TWL076	563	'9307837_/_9307850'	0.57	1.6	3.33	0.62	0.5	2.28	1.12 No	0.5	Element Fault
TWL076	564	'43775153_/_5754869'	1.8	4.8	10	1.85	3.9	6.54	3.35 No	1.8	Primary Over-Voltage
TWL076	565	'5741865_/_5741875'	0.53	1.6	3.33	0.62	1.1	2.29	1.12 No	0.53	Primary Over-Voltage
TWL076	566	'5737887_/_5737901'	0.63	1.6	3.33	0.62	1.2	2.12	1.12 No	0.62	Thermal Discharging
TWL076	567	'5761137_/_5761135'	0.67	1.6	3.33	0.62	0.8	2.26	1.12 No	0.62	Thermal Discharging
TWL076	568	'5735480_/_43773914_2'	0.57	1.6	3.33	0.62	0.5	2.25	1.12 No	0.5	Element Fault
TWL076	569	'43777378_/_5755223'	0.6	1.6	3.33	0.62	0.5	2.27	1.12 No	0.5	Element Fault
TWL076	570	'5761096_/_5761093'	0.6	1.6	3.33	0.62	0.5	2.15	1.12 No	0.5	Element Fault
TWL076	571	'43775595_/_43775597'	0.63	1.6	3.33	0.62	0.4	2.18	1.12 No	0.4	Element Fault
TWL076	572	'8364358_/_8364356'	0.6	1.57	3.33	0.62	0.5	2.1	1.12 No	0.5	Element Fault
TWL076	573	'5737785_/_5737795'	0.7	1.57	3.33	0.62	0.5	2.2	1.12 No	0.5	Element Fault
TWL076	574	'5740225_/_5740222'	0.63	1.57	3.33	0.62	0.3	2.2	1.12 No	0.3	Element Fault
TWL076	575	'5749337_/_5749334'	0.6	1.57	3.33	0.62	0.3	2.1	1.12 No	0.3	Element Fault
TWL076	576	'359841147_/_357488701_1'	0.63	1.57	3.33	0.62	0.5	2.33	1.12 No	0.5	Element Fault
TWL076	577	'43778799_/_43778801'	0.67	1.57	3.33	0.62	0.8	2.28	1.12 No	0.62	Thermal Discharging
TWL076	578	'5742850_/_5742860'	0.53	1.57	3.33	0.62	0.5	2.31	1.12 No	0.5	Element Fault
TWL076	579	'8676877_/_8676874'	0.63	1.57	3.33	0.62	0.5	2.33	1.12 No	0.5	Element Fault
TWL076	580	'5762350_/_5762360'	1.7	4.7	10	1.85	2.4	6.51	3.35 No	1.7	Primary Over-Voltage
TWL076	581	'8364307_/_9307814_1'	0.6	1.57	3.33	0.62	0.5	2.24	1.12 No	0.5	Element Fault
TWL076	582	'5741916_/_5741914'	0.6	1.57	3.33	0.62	0.5	2.09	1.12 No	0.5	Element Fault
TWL076	583	'43774415_/_5737824'	0.57	1.57	3.33	0.62	0.5	2.23	1.12 No	0.5	Element Fault
TWL076	584	'5741768_/_5741778'	0.7	1.57	3.33	0.62	0.5	2.2	1.12 No	0.5	Element Fault
TWL076	585	'43778474_/_43778476'	0.53	1.57	3.33	0.62	0.5	2.3	1.12 No	0.5	Element Fault
TWL076	586	'7730494_/_414464598'	0.67	1.57	3.33	0.62	0.5	2.26	1.12 No	0.5	Element Fault
TWL076	587	'5761960_/_5761957'	1.2	3.13	6.67	1.23	1	4.32	2.23 No	1	Element Fault
TWL076	588	'9307799_/_9307796_2'	0.67	1.57	3.33	0.62	0.5	2.26	1.12 No	0.5	Element Fault
TWL076	589	'5761326_/_43778624'	1.7	4.7	10	1.85	2.4	6.46	3.35 No	1.7	Primary Over-Voltage
TWL076	590	'8364306_/_8364304'	0.67	1.57	3.33	0.62	0.5	2.19	1.12 No	0.5	Element Fault
TWL076	591	'43777171_/_43777173'	0.67	1.57	3.33	0.62	1.3	2.12	1.12 No	0.62	Thermal Discharging
TWL076	592	'43774470_/_5738061'	0.6	1.53	3.33	0.62	1.3	2.13	1.12 No	0.6	Primary Over-Voltage
TWL076	593	'5737941_/_43774428'	0.63	1.53	3.33	0.62	0.5	2.19	1.12 No	0.5	Element Fault
TWL076	594	'5739901_/_5739898'	0.63	1.53	3.33	0.62	0.5	2.07	1.12 No	0.5	Element Fault
TWL076	595	'43773697_/_5735169'	0.67	1.53	3.33	0.62	0.5	2.21	1.12 No	0.5	Element Fault
TWL076	596	'43775606_/_43775608'	0.57	1.53	3.33	0.62	0.5	2.11	1.12 No	0.5	Element Fault
TWL076	597	'9307885_/_9620837'	0.7	1.53	3.33	0.62	0.5	2.16	1.12 No	0.5	Element Fault
TWL076	598	'5749113_/_5749110'	0.6	1.53	3.33	0.62	1.3	2.12	1.12 No	0.6	Primary Over-Voltage
TWL076	599	'5737954_/_43774439'	0.6	1.53	3.33	0.62	0.3	2.28	1.12 No	0.3	Element Fault
TWL076	600	'5762012_/_5762022'	0.6	1.53	3.33	0.62	0.8	2.29	1.12 No	0.6	Primary Over-Voltage
TWL076	601	'5762077_/_5762087'	0.7	1.53	3.33	0.62	0.5	2.15	1.12 No	0.5	Element Fault
TWL076	602	'5754274_/_5754297'	0.57	1.53	3.33	0.62	0.5	2.05	1.12 No	0.5	Element Fault
TWL076	603	'5737769_/_5737782'	1.8	4.6	10	1.85	3.9	6.35	3.35 No	1.8	Primary Over-Voltage
TWL076	604	'5737870_/_5737884'	0.7	1.53	3.33	0.62	0.5	2.15	1.12 No	0.5	Element Fault
TWL076	605	'5754697_/_5754694'	0.57	1.53	3.33	0.62	0.5	2.07	1.12 No	0.5	Element Fault
TWL076	606	'43773686_/_5735104'	0.53	1.53	3.33	0.62	0.5	2.15	1.12 No	0.5	Element Fault
TWL076	607	'43784655_/_5792606'	0.57	1.53	3.33	0.62	0.5	2.04	1.12 No	0.5	Element Fault
TWL076	608	'5737756_/_5737766'	0.63	1.53	3.33	0.62	0.5	2.05	1.12 No	0.5	Element Fault
TWL076	609	'5735188_/_5735214'	0.67	1.53	3.33	0.62	0.5	2.14	1.12 No	0.5	Element Fault
TWL076	610	'5792451_/_5792436'	0.53	1.53	3.33	0.62	0.5	2.24	1.12 No	0.5	Element Fault
TWL076	611	'8364327_/_9307834'	0.6	1.53	3.33	0.62	0.5	2.05	1.12 No	0.5	Element Fault
TWL076	612	'7730478_/_8995377'	0.53	1.53	3.33	0.62	0.5	2.24	1.12 No	0.5	Element Fault
TWL076	613	'43773912_/_43773914_1'	0.53	1.53	3.33	0.62	0.5	2.18	1.12 No	0.5	Element Fault
TWL076	614	'8365365_/_55435663'	0.63	1.5	3.33	0.62	0.5	2.21	1.12 No	0.5	Element Fault
TWL076	615	'5741755_/_5741765'	0.67	1.5	3.33	0.62	0.5	2.13	1.12 No	0.5	Element Fault
TWL076	616	'43775786_/_5742889'	0.6	1.5	3.33	0.62	0.5	2.25	1.12 No	0.5	Element Fault

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TWL076	617	'5754261_/5754271'	0.57	1.5	3.33	0.62	0.5	2.02	1.12 No	0.5	Element Fault
TWL076	618	'5762337_/5762347'	0.6	1.5	3.33	0.62	0.5	2.07	1.12 No	0.5	Element Fault
TWL076	619	'5753482_/43774417'	0.67	1.5	3.33	0.62	0.5	2.12	1.12 No	0.5	Element Fault
TWL076	620	'43774614_/43774605'	0.5	1.5	3.33	0.62	1.1	2.18	1.12 No	0.5	Primary Over-Voltage
TWL076	621	'43775158_/43775155'	0.63	1.5	3.33	0.62	0.5	2.19	1.12 No	0.5	Element Fault
TWL076	622	'5742529_/7101819'	0.67	1.5	3.33	0.62	0.5	2.03	1.12 No	0.5	Element Fault
TWL076	623	'5760769_/43778531'	0.53	1.5	3.33	0.62	0.5	2.14	1.12 No	0.5	Element Fault
TWL076	624	'5735065_/5735078'	0.53	1.5	3.33	0.62	0.5	2.21	1.12 No	0.5	Element Fault
TWL076	625	'43778563_/5761109'	0.57	1.5	3.33	0.62	0.5	2.15	1.12 No	0.5	Element Fault
TWL076	626	'8676893_/8676890'	0.6	1.5	3.33	0.62	0.4	2.09	1.12 No	0.4	Element Fault
TWL076	627	'5751280_/5751290'	0.53	1.5	3.33	0.62	0.5	2.15	1.12 No	0.5	Element Fault
TWL076	628	'43775573_/43775575'	0.57	1.47	3.33	0.62	0.5	1.99	1.12 No	0.5	Element Fault
TWL076	629	'5741754_/5741752'	0.63	1.47	3.33	0.62	0.8	2.13	1.12 No	0.62	Thermal Discharging
TWL076	630	'43774404_/5737753'	0.6	1.47	3.33	0.62	0.5	2.21	1.12 No	0.5	Element Fault
TWL076	631	'5742221_/43777380'	0.63	1.47	3.33	0.62	0.5	2.13	1.12 No	0.5	Element Fault
TWL076	632	'5761749_/5761759'	0.67	1.47	3.33	0.62	0.5	2.09	1.12 No	0.5	Element Fault
TWL076	633	'5742037_/5742047'	1.7	4.4	10	1.85	3.9	6.16	3.35 No	1.7	Primary Over-Voltage
TWL076	634	'5792452_/5792449'	0.63	1.47	3.33	0.62	0.5	2.16	1.12 No	0.5	Element Fault
TWL076	635	'5737853_/5737867'	0.63	1.47	3.33	0.62	0.5	2.1	1.12 No	0.5	Element Fault
TWL076	636	'5761339_/5761336'	0.63	1.47	3.33	0.62	0.5	2.1	1.12 No	0.5	Element Fault
TWL076	637	'43777160_/5754427'	0.63	1.47	3.33	0.62	0.5	2.15	1.12 No	0.5	Element Fault
TWL076	638	'5760476_/5760474'	0.5	1.47	3.33	0.62	0.5	2.12	1.12 No	0.5	Primary Over-Voltage
TWL076	639	'43778900_/5761970'	0.63	1.47	3.33	0.62	0.5	1.99	1.12 No	0.5	Element Fault
TWL076	640	'5735187_/5735185'	1.7	4.4	10	1.85	1.5	6.13	3.35 No	1.5	Element Fault
TWL076	641	'8994224_/9620801_1'	0.67	1.47	3.33	0.62	0.5	2.07	1.12 No	0.5	Element Fault
TWL076	642	'43777238_/5754258'	0.67	1.47	3.33	0.62	0.5	2.07	1.12 No	0.5	Element Fault
TWL076	643	'5754287_/5754284'	0.53	1.47	3.33	0.62	0.3	1.99	1.12 No	0.3	Element Fault
TWL076	644	'8364258_/357488701_2'	0.6	1.47	3.33	0.62	0.5	2.09	1.12 No	0.5	Element Fault
TWL076	645	'43777609_/5757599'	0.63	1.47	3.33	0.62	0.8	2.14	1.12 No	0.62	Thermal Discharging
TWL076	646	'5742732_/5742847'	0.63	1.47	3.33	0.62	0.5	2.1	1.12 No	0.5	Element Fault
TWL076	647	'5742036_/5742034'	0.57	1.47	3.33	0.62	0.3	2.17	1.12 No	0.3	Element Fault
TWL076	648	'5762011_/5762009'	0.57	1.47	3.33	0.62	1.3	2.02	1.12 No	0.57	Primary Over-Voltage
TWL076	649	'5737970_/5737967'	0.53	1.47	3.33	0.62	0.5	1.99	1.12 No	0.5	Element Fault
TWL076	650	'43773685_/5735091'	0.67	1.47	3.33	0.62	1.3	2.01	1.12 No	0.62	Thermal Discharging
TWL076	651	'5738064_/43774472'	0.63	1.43	3.33	0.62	0.5	2.06	1.12 No	0.5	Element Fault
TWL076	652	'5739819_/5754707'	0.57	1.43	3.33	0.62	0.8	2.17	1.12 No	0.57	Primary Over-Voltage
TWL076	653	'5792491_/5792488'	0.63	1.43	3.33	0.62	0.5	2.13	1.12 No	0.5	Element Fault
TWL076	654	'5762076_/5762074'	0.63	1.43	3.33	0.62	0.5	2.05	1.12 No	0.5	Element Fault
TWL076	655	'430548665_/5742730_1'	0.63	1.43	3.33	0.62	0.5	2.05	1.12 No	0.5	Element Fault
TWL076	656	'5749126_/5749123'	0.53	1.43	3.33	0.62	0.3	1.97	1.12 No	0.3	Element Fault
TWL076	657	'9307743_/9307740_2'	0.63	1.43	3.33	0.62	0.5	2.12	1.12 No	0.5	Element Fault
TWL076	658	'5742904_/43775788'	0.57	1.43	3.33	0.62	0.5	2.16	1.12 No	0.5	Element Fault
TWL076	659	'5761736_/5761746'	0.57	1.43	3.33	0.62	0.5	2.16	1.12 No	0.5	Element Fault
TWL076	660	'5762324_/5762334'	0.53	1.43	3.33	0.62	0.5	1.94	1.12 No	0.5	Element Fault
TWL076	661	'5753468_/5753466'	0.5	1.43	3.33	0.62	0.5	2.05	1.12 No	0.5	Primary Over-Voltage
TWL076	662	'45274998_/5792420'	0.63	1.43	3.33	0.62	0.5	2.05	1.12 No	0.5	Element Fault
TWL076	663	'5794234_/5794232'	0.5	1.43	3.33	0.62	0.5	2.07	1.12 No	0.5	Primary Over-Voltage
TWL076	664	'43778568_/43778565'	0.63	1.43	3.33	0.62	0.5	2.04	1.12 No	0.5	Element Fault
TWL076	665	'5792465_/5792462'	0.67	1.43	3.33	0.62	0.5	1.96	1.12 No	0.5	Element Fault
TWL076	666	'5735064_/5735062'	0.63	1.43	3.33	0.62	0.5	2.03	1.12 No	0.5	Element Fault
TWL076	667	'5754232_/5754245'	0.63	1.43	3.33	0.62	0.3	2.04	1.12 No	0.3	Element Fault
TWL076	668	'8111156_/8111154_1'	0.57	1.43	3.33	0.62	0.5	1.95	1.12 No	0.5	Element Fault
TWL076	669	'5735466_/5735464'	1.7	4.3	10	1.85	1.5	5.99	3.35 No	1.5	Element Fault
TWL076	670	'9620804_/9620801_2'	1.7	4.3	10	1.85	3.9	5.99	3.35 No	1.7	Primary Over-Voltage
TWL076	671	'5737852_/5737850'	0.6	1.43	3.33	0.62	0.5	2.1	1.12 No	0.5	Element Fault
TWL076	672	'5742733_/5742730_2'	0.53	1.43	3.33	0.62	0.5	2.07	1.12 No	0.5	Element Fault
TWL076	673	'5751279_/5751277'	0.6	1.4	3.33	0.62	0.5	2.09	1.12 No	0.5	Element Fault
TWL076	674	'5735200_/5735198'	0.63	1.4	3.33	0.62	0.5	1.93	1.12 No	0.5	Element Fault
TWL076	675	'5760782_/5760779'	1.7	4.2	10	1.85	2.9	5.95	3.35 No	1.7	Primary Over-Voltage
TWL076	676	'9307759_/9620721_1'	0.5	1.4	3.33	0.62	0.5	2.1	1.12 No	0.5	Primary Over-Voltage
TWL076	677	'8365364_/55435609'	0.6	1.4	3.33	0.62	0.5	2.04	1.12 No	0.5	Element Fault
TWL076	678	'5742130_/5742128'	0.53	1.4	3.33	0.62	0.3	1.94	1.12 No	0.3	Element Fault
TWL076	679	'8994243_/9620821'	0.5	1.4	3.33	0.62	0.5	2.05	1.12 No	0.5	Primary Over-Voltage
TWL076	680	'5741836_/5741846'	0.5	1.4	3.33	0.62	0.5	2.1	1.12 No	0.5	Primary Over-Voltage
TWL076	681	'5742222_/5742219'	0.6	1.4	3.33	0.62	0.8	2.04	1.12 No	0.6	Primary Over-Voltage
TWL076	682	'43777249_/43777251'	0.63	1.4	3.33	0.62	0.5	2	1.12 No	0.5	Element Fault
TWL076	683	'43775705_/43775707'	0.47	1.4	3.33	0.62	1.1	2.05	1.12 No	0.47	Primary Over-Voltage
TWL076	684	'5761352_/5761349'	0.6	1.4	3.33	0.62	0.5	2.06	1.12 No	0.5	Element Fault
TWL076	685	'5742144_/5742141'	0.6	1.4	3.33	0.62	0.5	2.03	1.12 No	0.5	Element Fault
TWL076	686	'5737983_/5737980'	0.53	1.4	3.33	0.62	1.3	1.96	1.12 No	0.53	Primary Over-Voltage
TWL076	687	'5739820_/5739817'	0.63	1.4	3.33	0.62	0.5	1.99	1.12 No	0.5	Element Fault
TWL076	688	'8995363_/497185012'	0.53	1.4	3.33	0.62	1.3	1.96	1.12 No	0.53	Primary Over-Voltage
TWL076	689	'43774459_/5738032'	0.6	1.4	3.33	0.62	0.5	2.01	1.12 No	0.5	Element Fault
TWL076	690	'43777159_/5754414'	0.6	1.4	3.33	0.62	0.5	2.05	1.12 No	0.5	Element Fault
TWL076	691	'5792622_/5792619'	0.63	1.4	3.33	0.62	0.5	1.91	1.12 No	0.5	Element Fault
TWL076	692	'5760367_/7101543'	0.47	1.4	3.33	0.62	0.5	2.07	1.12 No	0.47	Primary Over-Voltage
TWL076	693	'7730477_/495913514'	0.63	1.4	3.33	0.62	0.5	1.98	1.12 No	0.5	Element Fault
TWL076	694	'5749139_/5749136'	0.6	1.37	3.33	0.62	0.5	2.05	1.12 No	0.5	Element Fault
TWL076	695	'5742905_/5742902'	0.53	1.37	3.33	0.62	0.5	1.93	1.12 No	0.5	Element Fault
TWL076	696	'5797475_/43774616'	0.67	1.37	3.33	0.62	1.3	1.92	1.12 No	0.62	Thermal Discharging
TWL076	697	'5738077_/5738074'	0.6	1.37	3.33	0.62	0.5	1.96	1.12 No	0.5	Element Fault
TWL076	698	'5738145_/5738142'	0.6	1.37	3.33	0.62	0.5	2.03	1.12 No	0.5	Element Fault
TWL076	699	'5754219_/5754229'	0.57	1.37	3.33	0.62	0.5	1.98	1.12 No	0.5	Element Fault
TWL076	700	'43775775_/5742743'	0.6	1.37	3.33	0.62	0.5	1.96	1.12 No	0.5	Element Fault
TWL076	701	'5760505_/5792501'	0.53	1.37	3.33	0.62	0.5	2.06	1.12 No	0.5	Element Fault
TWL076	702	'5757511_/43777611'	0.57	1.37	3.33	0.62	0.5	1.97	1.12 No	0.5	Element Fault
TWL076	703	'43778878_/43778880'	0.53	1.37	3.33	0.62	0.5	1.91	1.12 No	0.5	Element Fault
TWL076	704	'49226031_/8052175_1'	0.47	1.37	3.33	0.62	0.5	2.03	1.12 No	0.47	Primary Over-Voltage
TWL076	705	'43778428_/5797473'	0.53	1.37	3.33	0.62	1.3	1.91	1.12 No	0.53	Primary Over-Voltage
TWL076	706	'5738051_/5738048'	0.57	1.33	3.33	0.62	0.5	1.97	1.12 No	0.5	Element Fault
TWL076	707	'5742157_/5742154'	0.6	1.33	3.33	0.62	0.5	1.94	1.12 No	0.5	Element Fault
TWL076	708	'43775063_/5749373'	0.53	1.33	3.33	0.62	1.3	1.9	1.12 No	0.53	Primary Over-Voltage
TWL076	709	'8995364_/8995361_1'	0.57	1.33	3.33	0.62	0.5	1.99	1.12 No	0.5	Element Fault
TWL076	710	'5737996_/5737993'	0.47	1.33	3.33	0.62	0.5	2.01	1.12 No	0.47	Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TWL076	711	'5760795_/_5760792'		0.63	1.33	3.33	0.62	1.3	1.88	1.12 No	0.62 Thermal Discharging
TWL076	712	'8676941_/_8676970'		0.53	1.33	3.33	0.62	0.5	1.86	1.12 No	0.5 Element Fault
TWL076	713	'5736647_/_5736644'		0.57	1.33	3.33	0.62	0.5	1.98	1.12 No	0.5 Element Fault
TWL076	714	'43778633_/_5761362'		0.47	1.33	3.33	0.62	0.5	1.96	1.12 No	0.47 Primary Over-Voltage
TWL076	715	'5741835_/_5741833'		0.63	1.33	3.33	0.62	1.3	1.87	1.12 No	0.62 Thermal Discharging
TWL076	716	'43774481_/_5738087'		0.43	1.33	3.33	0.62	1.1	1.96	1.12 No	0.43 Primary Over-Voltage
TWL076	717	'5760506_/_5760503'		0.57	1.33	3.33	0.62	0.5	1.97	1.12 No	0.5 Element Fault
TWL076	718	'44977792_/_5742513'		0.6	1.33	3.33	0.62	0.5	1.91	1.12 No	0.5 Element Fault
TWL076	719	'5761985_/_5792632'		0.57	1.33	3.33	0.62	0.5	1.96	1.12 No	0.5 Element Fault
TWL076	720	'5761205_/_7101871'		0.53	1.3	3.33	0.62	0.5	1.92	1.12 No	0.5 Element Fault
TWL076	721	'37934774_/_8052175_2'		0.53	1.3	3.33	0.62	0.5	1.92	1.12 No	0.5 Element Fault
TWL076	722	'37934739_/_37934778'		0.53	1.3	3.33	0.62	0.5	1.92	1.12 No	0.5 Element Fault
TWL076	723	'37934732_/_37934736'		0.53	1.3	3.33	0.62	0.5	1.92	1.12 No	0.5 Element Fault
TWL076	724	'37934760_/_37934764'		0.53	1.3	3.33	0.62	0.5	1.92	1.12 No	0.5 Element Fault
TWL076	725	'37934746_/_37934750'		0.53	1.3	3.33	0.62	0.5	1.86	1.12 No	0.5 Element Fault
TWL076	726	'5759715_/_7126290'		0.5	1.3	3.33	0.62	1.3	1.86	1.12 No	0.5 Primary Over-Voltage
TWL076	727	'5738022_/_43774450'		0.63	1.3	3.33	0.62	1.3	1.84	1.12 No	0.62 Thermal Discharging
TWL076	728	'5738106_/_5738103'		0.47	1.3	3.33	0.62	0.5	1.97	1.12 No	0.47 Primary Over-Voltage
TWL076	729	'7416273_/_414464720'		0.57	1.3	3.33	0.62	0.5	1.89	1.12 No	0.5 Element Fault
TWL076	730	'5754206_/_5754216'		1.6	3.9	10	1.85	2.9	5.6	3.35 No	1.6 Primary Over-Voltage
TWL076	731	'5738119_/_5738116'		0.53	1.3	3.33	0.62	0.5	1.97	1.12 No	0.5 Element Fault
TWL076	732	'7728330_/_9620721_2'		0.5	1.3	3.33	0.62	1.3	1.84	1.12 No	0.5 Primary Over-Voltage
TWL076	733	'5762298_/_5762308'		0.53	1.3	3.33	0.62	0.5	1.94	1.12 No	0.5 Element Fault
TWL076	734	'5738009_/_5738006'		0.6	1.3	3.33	0.62	0.5	1.81	1.12 No	0.5 Element Fault
TWL076	735	'5760808_/_5760805'		0.57	1.3	3.33	0.62	0.5	1.9	1.12 No	0.5 Element Fault
TWL076	736	'7411923_/_489276362_1'		0.63	1.3	3.33	0.62	1.3	1.82	1.12 No	0.62 Thermal Discharging
TWL076	737	'5760354_/_5760364'		0.6	1.27	3.33	0.62	1.3	1.82	1.12 No	0.6 Primary Over-Voltage
TWL076	738	'5742170_/_5742167'		0.53	1.27	3.33	0.62	0.5	1.92	1.12 No	0.5 Element Fault
TWL076	739	'5738132_/_5738129'		0.57	1.27	3.33	0.62	0.5	1.85	1.12 No	0.5 Element Fault
TWL076	740	'5742758_/_43775777'		0.5	1.27	3.33	0.62	0.5	1.81	1.12 No	0.5 Primary Over-Voltage
TWL076	741	'7411924_/_489276362_2'		0.5	1.27	3.33	0.62	0.5	1.81	1.12 No	0.5 Primary Over-Voltage
TWL076	742	'5739832_/_43775063'		0.43	1.27	3.33	0.62	0.5	1.92	1.12 No	0.43 Primary Over-Voltage
TWL076	743	'43778245_/_5759713'		0.5	1.27	3.33	0.62	0.5	1.79	1.12 No	0.5 Primary Over-Voltage
TWL076	744	'5760380_/_5760377'		1.5	3.8	10	1.85	2.9	5.48	3.35 No	1.5 Primary Over-Voltage
TWL076	745	'8365380_/_8676938'		0.5	1.27	3.33	0.62	0.5	1.8	1.12 No	0.5 Primary Over-Voltage
TWL076	746	'5736660_/_5736657'		0.53	1.27	3.33	0.62	0.5	1.86	1.12 No	0.5 Element Fault
TWL076	747	'7728351_/_489276362_3'		0.5	1.27	3.33	0.62	0.5	1.93	1.12 No	0.5 Primary Over-Voltage
TWL076	748	'456927518_/_450222256_2'		0.57	1.27	3.33	0.62	0.5	1.84	1.12 No	0.5 Element Fault
TWL076	749	'8995110_/_8995107_2'		1.5	3.8	10	1.85	2.9	5.46	3.35 No	1.5 Primary Over-Voltage
TWL076	750	'5762285_/_5762295'		0.47	1.27	3.33	0.62	0.5	1.78	1.12 No	0.47 Primary Over-Voltage
TWL076	751	'5749415_/_5754203'		0.57	1.27	3.33	0.62	0.5	1.84	1.12 No	0.5 Element Fault
TWL076	752	'8675699_/_8675696'		0.53	1.27	3.33	0.62	0.5	1.88	1.12 No	0.5 Element Fault
TWL076	753	'8994244_/_8994241_1'		0.57	1.27	3.33	0.62	0.5	1.83	1.12 No	0.5 Element Fault
TWL076	754	'5760548_/_5760545'		0.53	1.27	3.33	0.62	0.3	1.85	1.12 No	0.3 Element Fault
TWL076	755	'43778485_/_5760516'		0.53	1.27	3.33	0.62	0.5	1.88	1.12 No	0.5 Element Fault
TWL076	756	'5761378_/_43778635'		0.57	1.27	3.33	0.62	0.5	1.77	1.12 No	0.5 Element Fault
TWL076	757	'5757445_/_8995107_1'		0.53	1.27	3.33	0.62	0.5	1.85	1.12 No	0.5 Element Fault
TWL076	758	'5761986_/_5761983'		0.53	1.27	3.33	0.62	0.5	1.88	1.12 No	0.5 Element Fault
TWL076	759	'5760353_/_5760351'		1.5	3.7	10	1.85	2.9	5.41	3.35 No	1.5 Primary Over-Voltage
TWL076	760	'5759538_/_5759535'		0.4	1.13	3.33	0.62	0.5	1.88	1.12 No	0.4 Primary Over-Voltage
TWL076	761	'5761206_/_5761203'		0.5	1.23	3.33	0.62	0.5	1.75	1.12 No	0.5 Primary Over-Voltage
TWL076	762	'8675719_/_8675716'		0.53	1.23	3.33	0.62	0.5	1.81	1.12 No	0.5 Element Fault
TWL076	763	'8052520_/_8365378_1'		0.47	1.2	3.33	0.62	0.3	1.72	1.12 No	0.3 Element Fault
TWL076	764	'5759716_/_43778247'		0.53	1.2	3.33	0.62	0.5	1.78	1.12 No	0.5 Element Fault
TWL076	765	'5759551_/_5759548'		0.53	1.2	3.33	0.62	0.5	1.83	1.12 No	0.5 Element Fault
TWL076	766	'7415156_/_357488718'		0.5	1.2	3.33	0.62	0.5	1.82	1.12 No	0.5 Primary Over-Voltage
TWL076	767	'43777260_/_43777262'		0.47	1.2	3.33	0.62	0.5	1.73	1.12 No	0.47 Primary Over-Voltage
TWL076	768	'5742759_/_5742756'		0.53	1.2	3.33	0.62	0.5	1.77	1.12 No	0.5 Element Fault
TWL076	769	'5761222_/_5761219'		0.5	1.2	3.33	0.62	0.3	1.79	1.12 No	0.3 Element Fault
TWL076	770	'43778439_/_5760393'		0.5	1.2	3.33	0.62	0.5	1.79	1.12 No	0.5 Primary Over-Voltage
TWL076	771	'5739833_/_5739830'		0.47	1.2	3.33	0.62	0.5	1.84	1.12 No	0.47 Primary Over-Voltage
TWL076	772	'5757446_/_5757443'		0.5	1.2	3.33	0.62	0.5	1.81	1.12 No	0.5 Primary Over-Voltage
TWL076	773	'5757484_/_8995139'		0.43	1.03	3.33	0.62	0.2	1.78	1.12 No	0.2 Element Fault
TWL076	774	'5762272_/_5762282'		1.5	3.6	10	1.85	2.9	5.23	3.35 No	1.5 Primary Over-Voltage
TWL076	775	'5761070_/_5761388'		0.5	1.2	3.33	0.62	0.3	1.77	1.12 No	0.3 Element Fault
TWL076	776	'7415033_/_9095835_1'		0.47	1.2	3.33	0.62	0.3	1.72	1.12 No	0.3 Element Fault
TWL076	777	'9307779_/_9620761'		0.5	1.2	3.33	0.62	0.5	1.8	1.12 No	0.5 Primary Over-Voltage
TWL076	778	'49226022_/_43777600_1'		0.5	1.2	3.33	0.62	0.5	1.78	1.12 No	0.5 Primary Over-Voltage
TWL076	779	'43779254_/_5761996'		0.53	1.2	3.33	0.62	0.5	1.75	1.12 No	0.5 Element Fault
TWL076	780	'5760561_/_5760558'		0.53	1.17	3.33	0.62	0.5	1.75	1.12 No	0.5 Element Fault
TWL076	781	'43778212_/_5759561'		0.53	1.17	3.33	0.62	0.5	1.74	1.12 No	0.5 Element Fault
TWL076	782	'43778490_/_43778487'		0.4	1.17	3.33	0.62	0.5	1.8	1.12 No	0.4 Primary Over-Voltage
TWL076	783	'45175913_/_5749399'		0.5	1.17	3.33	0.62	0.3	1.75	1.12 No	0.3 Element Fault
TWL076	784	'7416290_/_414464669'		0.47	1.17	3.33	0.62	0.5	1.68	1.12 No	0.47 Primary Over-Voltage
TWL076	785	'43777587_/_43777600_2'		0.53	1.17	3.33	0.62	0.5	1.68	1.12 No	0.5 Element Fault
TWL076	786	'43774132_/_5736673'		0.47	1.17	3.33	0.62	0.3	1.69	1.12 No	0.3 Element Fault
TWL076	787	'43778405_/_43778407'		0.5	1.17	3.33	0.62	0.3	1.74	1.12 No	0.3 Element Fault
TWL076	788	'8111157_/_8111154_2'		0.5	1.17	3.33	0.62	0.5	1.77	1.12 No	0.5 Primary Over-Voltage
TWL076	789	'43778611_/_5761232'		0.5	1.17	3.33	0.62	0.5	1.75	1.12 No	0.5 Primary Over-Voltage
TWL076	790	'5761027_/_5761067'		0.47	1.17	3.33	0.62	0.5	1.67	1.12 No	0.47 Primary Over-Voltage
TWL076	791	'5760409_/_43778441'		0.5	1.17	3.33	0.62	0.5	1.75	1.12 No	0.5 Primary Over-Voltage
TWL076	792	'43775764_/_5742769'		1.4	3.5	10	1.85	2.9	5.07	3.35 No	1.4 Primary Over-Voltage
TWL076	793	'9307778_/_9307776'		0.47	1.13	3.33	0.62	0.3	1.72	1.12 No	0.3 Element Fault
TWL076	794	'43775015_/_5757469'		0.47	1.13	3.33	0.62	0.3	1.66	1.12 No	0.3 Element Fault
TWL076	795	'43775050_/_43775052'		0.5	1.13	3.33	0.62	0.5	1.7	1.12 No	0.5 Primary Over-Voltage
TWL076	796	'5757459_/_5757456'		0.47	1.13	3.33	0.62	0.3	1.71	1.12 No	0.3 Element Fault
TWL076	797	'43778889_/_5762269'		0.47	1.13	3.33	0.62	0.5	1.76	1.12 No	0.47 Primary Over-Voltage
TWL076	798	'53355970_/_53355948'		1.4	3.4	10	1.85	2.9	5.02	3.35 No	1.4 Primary Over-Voltage
TWL076	799	'5764669_/_43779256'		0.47	1.13	3.33	0.62	0.5	1.72	1.12 No	0.47 Primary Over-Voltage
TWL076	800	'53355980_/_9620741'		1.4	3.4	10	1.85	2.9	5	3.35 No	1.4 Primary Over-Voltage
TWL076	801	'43778496_/_5760571'		0.4	1.13	3.33	0.62	0.5	1.74	1.12 No	0.4 Primary Over-Voltage
TWL076	802	'7730526_/_7730523'		0.5	1.13	3.33	0.62	0.5	1.68	1.12 No	0.5 Primary Over-Voltage
TWL076	803	'49481609_/_5757573_1'		0.43	1.13	3.33	0.62	0.3	1.64	1.12 No	0.3 Element Fault
TWL076	804	'5757523_/_5757573_2'		0.47	1.13	3.33	0.62	0.3	1.69	1.12 No	0.3 Element Fault

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TWL076	805	'5742182_/_43778214'	0.47	1.13	3.33	0.62	0.3	1.69	1.12 No	0.3	Element Fault
TWL076	806	'5757498_/_5757495'	0.47	1.13	3.33	0.62	0.5	1.69	1.12 No	0.47	Primary Over-Voltage
TWL076	807	'49481623_/_8458246_2'	0.47	1.13	3.33	0.62	0.3	1.68	1.12 No	0.3	Element Fault
TWL076	808	'5764694_/_43779267'	0.47	1.13	3.33	0.62	0.3	1.67	1.12 No	0.3	Element Fault
TWL076	809	'5761247_/_43778613'	0.47	1.1	3.33	0.62	0.5	1.7	1.12 No	0.47	Primary Over-Voltage
TWL076	810	'5739794_/_5739804'	0.47	1.1	3.33	0.62	0.5	1.7	1.12 No	0.47	Primary Over-Voltage
TWL076	811	'5761028_/_5761025'	0.5	1.1	3.33	0.62	0.5	1.65	1.12 No	0.5	Primary Over-Voltage
TWL076	812	'44881042_/_5793227'	0.47	1.1	3.33	0.62	0.5	1.69	1.12 No	0.47	Primary Over-Voltage
TWL076	813	'8365348_/_8365346_1'	0.5	1.1	3.33	0.62	0.5	1.6	1.12 No	0.5	Primary Over-Voltage
TWL076	814	'9308647_/_53355995'	1.4	3.3	10	1.85	2.9	4.9	3.35 No	1.4	Primary Over-Voltage
TWL076	815	'5762232_/_5762230'	0.43	1.1	3.33	0.62	0.5	1.71	1.12 No	0.43	Primary Over-Voltage
TWL076	816	'5754050_/_5754047'	0.43	1.1	3.33	0.62	0.5	1.6	1.12 No	0.43	Primary Over-Voltage
TWL076	817	'5742183_/_5742180'	0.47	1.1	3.33	0.62	0.5	1.66	1.12 No	0.47	Primary Over-Voltage
TWL076	818	'5757524_/_5757521'	0.47	1.1	3.33	0.62	0.3	1.65	1.12 No	0.3	Element Fault
TWL076	819	'43775020_/_43775017'	0.47	1.1	3.33	0.62	0.3	1.65	1.12 No	0.3	Element Fault
TWL076	820	'5760464_/_5760461'	0.43	1.1	3.33	0.62	0.5	1.6	1.12 No	0.43	Primary Over-Voltage
TWL076	821	'43778450_/_5760422'	0.47	1.1	3.33	0.62	0.5	1.67	1.12 No	0.47	Primary Over-Voltage
TWL076	822	'5742784_/_43775766'	1.4	3.3	10	1.85	2.9	4.85	3.35 No	1.4	Primary Over-Voltage
TWL076	823	'5761041_/_5761038'	0.47	1.1	3.33	0.62	0.5	1.67	1.12 No	0.47	Primary Over-Voltage
TWL076	824	'5739793_/_5739791'	0.5	1.1	3.33	0.62	0.5	1.62	1.12 No	0.5	Primary Over-Voltage
TWL076	825	'5764626_/_5764679'	0.47	1.07	3.33	0.62	0.5	1.66	1.12 No	0.47	Primary Over-Voltage
TWL076	826	'417625510_/_A03000628'	0.47	1.07	3.33	0.62	0.5	1.66	1.12 No	0.47	Primary Over-Voltage
TWL076	827	'43775072_/_5757612'	0.43	1.07	3.33	0.62	0.5	1.57	1.12 No	0.43	Primary Over-Voltage
TWL076	828	'5760438_/_43778452'	1.3	3.2	10	1.85	2.9	4.78	3.35 No	1.3	Primary Over-Voltage
TWL076	829	'8365349_/_8365346_2'	0.43	1.07	3.33	0.62	0.3	1.62	1.12 No	0.3	Element Fault
TWL076	830	'5742785_/_5742782'	0.47	1.07	3.33	0.62	0.3	1.63	1.12 No	0.3	Element Fault
TWL076	831	'5760587_/_5760584'	0.47	1.07	3.33	0.62	0.5	1.63	1.12 No	0.47	Primary Over-Voltage
TWL076	832	'5754063_/_5754060'	0.43	1.07	3.33	0.62	0.5	1.55	1.12 No	0.43	Primary Over-Voltage
TWL076	833	'5761248_/_5761245'	0.47	1.07	3.33	0.62	0.5	1.59	1.12 No	0.47	Primary Over-Voltage
TWL076	834	'7415155_/_357488733'	0.43	1.07	3.33	0.62	0.3	1.56	1.12 No	0.3	Element Fault
TWL076	835	'5761057_/_5761054'	0.47	1.07	3.33	0.62	0.5	1.63	1.12 No	0.47	Primary Over-Voltage
TWL076	836	'5757537_/_5757534'	0.4	1.07	3.33	0.62	0.3	1.54	1.12 No	0.3	Element Fault
TWL076	837	'7517042_/_8458246_1'	0.43	1.07	3.33	0.62	0.3	1.59	1.12 No	0.3	Element Fault
TWL076	838	'69652098_/_346721446_1'	0.43	1.07	3.33	0.62	0.5	1.61	1.12 No	0.43	Primary Over-Voltage
TWL076	839	'5762245_/_5762243'	1.3	3.1	10	1.85	2.9	4.69	3.35 No	1.3	Primary Over-Voltage
TWL076	840	'5757588_/_346721446_2'	0.43	1.03	3.33	0.62	0.5	1.63	1.12 No	0.43	Primary Over-Voltage
TWL076	841	'5742798_/_5742795'	0.43	1.03	3.33	0.62	0.2	1.58	1.12 No	0.2	Element Fault
TWL076	842	'400774166_/_417625528_1'	0.43	1.03	3.33	0.62	0.1	1.58	1.12 No	0.1	Element Fault
TWL076	843	'7729702_/_450222256_1'	0.43	1.03	3.33	0.62	0.5	1.6	1.12 No	0.43	Primary Over-Voltage
TWL076	844	'5764587_/_5764624'	0.4	1.03	3.33	0.62	0.3	1.53	1.12 No	0.3	Element Fault
TWL076	845	'7729582_/_357488754'	0.43	1.03	3.33	0.62	0.1	1.57	1.12 No	0.1	Element Fault
TWL076	846	'43777620_/_5757586'	0.43	1.03	3.33	0.62	0.5	1.58	1.12 No	0.43	Primary Over-Voltage
TWL076	847	'5739858_/_43775074'	0.37	1.03	3.33	0.62	0.3	1.5	1.12 No	0.3	Element Fault
TWL076	848	'5760451_/_5760448'	0.4	1	3.33	0.62	0.3	1.5	1.12 No	0.3	Element Fault
TWL076	849	'5760600_/_5760597'	0.43	1	3.33	0.62	0.3	1.54	1.12 No	0.3	Element Fault
TWL076	850	'5762259_/_5762256'	1.3	3	10	1.85	2.4	4.56	3.35 No	1.3	Primary Over-Voltage
TWL076	851	'43775518_/_5757547'	0.4	1	3.33	0.62	0.5	1.58	1.12 No	0.4	Primary Over-Voltage
TWL076	852	'5754141_/_5754138'	0.43	1	3.33	0.62	0.5	1.52	1.12 No	0.43	Primary Over-Voltage
TWL076	853	'5742811_/_5742808'	0.43	1	3.33	0.62	0.3	1.53	1.12 No	0.3	Element Fault
TWL076	854	'43777094_/_5754073'	0.4	1	3.33	0.62	0.5	1.48	1.12 No	0.4	Primary Over-Voltage
TWL076	855	'5764640_/_5764637'	0.43	1	3.33	0.62	0.1	1.53	1.12 No	0.1	Element Fault
TWL076	856	'5764708_/_5764705'	0.43	1	3.33	0.62	0.5	1.54	1.12 No	0.43	Primary Over-Voltage
TWL076	857	'5741741_/_43777622'	0.4	1	3.33	0.62	0.5	1.47	1.12 No	0.4	Primary Over-Voltage
TWL076	858	'5764588_/_5764585'	0.4	1	3.33	0.62	0.5	1.56	1.12 No	0.4	Primary Over-Voltage
TWL076	859	'5764721_/_5764718'	0.4	0.97	3.33	0.62	0.5	1.51	1.12 No	0.4	Primary Over-Voltage
TWL076	860	'736728_/_5754151'	0.4	0.97	3.33	0.62	0.5	1.53	1.12 No	0.4	Primary Over-Voltage
TWL076	861	'43775083_/_5739856'	0.4	0.97	3.33	0.62	0.1	1.49	1.12 No	0.1	Element Fault
TWL076	862	'5760613_/_5760610'	0.4	0.97	3.33	0.62	0.5	1.44	1.12 No	0.4	Primary Over-Voltage
TWL076	863	'43778679_/_5792404'	0.4	0.97	3.33	0.62	0.3	1.48	1.12 No	0.3	Element Fault
TWL076	864	'5741560_/_43775520'	0.43	0.97	3.33	0.62	0.5	1.47	1.12 No	0.43	Primary Over-Voltage
TWL076	865	'5754089_/_5754086'	0.4	0.97	3.33	0.62	0.3	1.47	1.12 No	0.3	Element Fault
TWL076	866	'5741742_/_5741739'	0.4	0.97	3.33	0.62	0.5	1.49	1.12 No	0.4	Primary Over-Voltage
TWL076	867	'43779243_/_5764744'	0.4	0.97	3.33	0.62	0.3	1.47	1.12 No	0.3	Element Fault
TWL076	868	'5764734_/_5764731'	0.4	0.97	3.33	0.62	0.5	1.43	1.12 No	0.4	Primary Over-Voltage
TWL076	869	'5764601_/_5764598'	0.37	0.93	3.33	0.62	0.5	1.49	1.12 No	0.37	Primary Over-Voltage
TWL076	870	'5739875_/_5739872'	0.37	0.93	3.33	0.62	0.5	1.48	1.12 No	0.37	Primary Over-Voltage
TWL076	871	'5736741_/_5736738'	0.4	0.93	3.33	0.62	0.1	1.44	1.12 No	0.1	Element Fault
TWL076	872	'5741547_/_5741570'	0.4	0.93	3.33	0.62	0.5	1.45	1.12 No	0.4	Primary Over-Voltage
TWL076	873	'5736715_/_5736725'	0.37	0.93	3.33	0.62	0.3	1.43	1.12 No	0.3	Element Fault
TWL076	874	'5754102_/_5754099'	0.37	0.93	3.33	0.62	0.5	1.39	1.12 No	0.37	Primary Over-Voltage
TWL076	875	'43778507_/_5760623'	0.4	0.93	3.33	0.62	0.3	1.43	1.12 No	0.3	Element Fault
TWL076	876	'5739888_/_5739885'	0.37	0.93	3.33	0.62	0.5	1.38	1.12 No	0.37	Primary Over-Voltage
TWL076	877	'5764614_/_5764611'	0.37	0.93	3.33	0.62	0.5	1.38	1.12 No	0.37	Primary Over-Voltage
TWL076	878	'43775553_/_5743101'	0.37	0.93	3.33	0.62	0.3	1.42	1.12 No	0.3	Element Fault
TWL076	879	'5764760_/_5764757'	0.4	0.93	3.33	0.62	0.5	1.41	1.12 No	0.4	Primary Over-Voltage
TWL076	880	'5741534_/_5741544'	0.4	0.93	3.33	0.62	0.5	1.43	1.12 No	0.4	Primary Over-Voltage
TWL076	881	'43774143_/_5736751'	0.37	0.9	3.33	0.62	0.5	1.44	1.12 No	0.37	Primary Over-Voltage
TWL076	882	'5741586_/_5741583'	0.37	0.9	3.33	0.62	0.1	1.4	1.12 No	0.1	Element Fault
TWL076	883	'5764773_/_5764770'	0.37	0.9	3.33	0.62	0.3	1.39	1.12 No	0.3	Element Fault
TWL076	884	'43775550_/_5743117'	0.37	0.9	3.33	0.62	0.5	1.35	1.12 No	0.37	Primary Over-Voltage
TWL076	885	'43774121_/_5754112'	0.37	0.9	3.33	0.62	0.3	1.38	1.12 No	0.3	Element Fault
TWL076	886	'43774154_/_43774156'	0.37	0.9	3.33	0.62	0.5	1.41	1.12 No	0.37	Primary Over-Voltage
TWL076	887	'44780211_/_5760636'	0.37	0.9	3.33	0.62	0.5	1.34	1.12 No	0.37	Primary Over-Voltage
TWL076	888	'45274370_/_5736686'	0.37	0.9	3.33	0.62	0.5	1.34	1.12 No	0.37	Primary Over-Voltage
TWL076	889	'5741416_/_5741531'	0.4	0.87	3.33	0.62	0.5	1.36	1.12 No	0.4	Primary Over-Voltage
TWL076	890	'5736767_/_43774145'	0.37	0.87	3.33	0.62	0.1	1.36	1.12 No	0.1	Element Fault
TWL076	891	'43775529_/_5741596'	0.37	0.87	3.33	0.62	0.5	1.32	1.12 No	0.37	Primary Over-Voltage
TWL076	892	'5741404_/_5741401_2'	0.37	0.87	3.33	0.62	0.3	1.33	1.12 No	0.3	Element Fault
TWL076	893	'8675664_/_8675662_1'	0.33	0.87	3.33	0.62	0.5	1.3	1.12 No	0.33	Primary Over-Voltage
TWL076	894	'89295318_/_5736699'	0.37	0.87	3.33	0.62	0.3	1.33	1.12 No	0.3	Element Fault
TWL076	895	'417438484_/_415437610_2'	0.37	0.87	3.33	0.62	0.3	1.33	1.12 No	0.3	Element Fault
TWL076	896	'5741508_/_5741518'	0.33	0.87	3.33	0.62	0.3	1.29	1.12 No	0.3	Element Fault
TWL076	897	'5741391_/_5741401_1'	0.33	0.87	3.33	0.62	0.5	1.29	1.12 No	0.33	Primary Over-Voltage
TWL076	898	'5741417_/_5741414'	0.33	0.83	3.33	0.62	0.5	1.28	1.12 No	0.33	Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TWL076	899	'7411907_/_8675662_2'	0.37	0.83	3.33	0.62	0.3	1.3	1.12	No	0.3 Element Fault
TWL076	900	'5741612_/_43775531'	0.37	0.83	3.33	0.62	0.3	1.3	1.12	No	0.3 Element Fault
TWL076	901	'7659288_/_415437610_1'	0.33	0.83	3.33	0.62	0.3	1.29	1.12	No	0.3 Element Fault
TWL076	902	'5741507_/_5741505'	0.33	0.83	3.33	0.62	0.3	1.26	1.12	No	0.3 Element Fault
TWL076	903	'43775485_/_43775487'	0.33	0.83	3.33	0.62	0.3	1.28	1.12	No	0.3 Element Fault
TWL076	904	'5741625_/_5741622'	0.33	0.8	3.33	0.62	0.3	1.24	1.12	No	0.3 Element Fault
TWL076	905	'43775496_/_5741427'	0.33	0.8	3.33	0.62	0.3	1.24	1.12	No	0.3 Element Fault
TWL076	906	'5741287_/_5743075'	0.33	0.8	3.33	0.62	0.3	1.25	1.12	No	0.3 Element Fault
TWL076	907	'7411908_/_7411905'	0.33	0.8	3.33	0.62	0.3	1.25	1.12	No	0.3 Element Fault
TWL076	908	'5741365_/_5741375'	0.33	0.8	3.33	0.62	0.3	1.25	1.12	No	0.3 Element Fault
TWL076	909	'5741638_/_5741635'	0.33	0.8	3.33	0.62	0.3	1.25	1.12	No	0.3 Element Fault
TWL076	910	'5741274_/_5741284'	0.33	0.8	3.33	0.62	0.3	1.25	1.12	No	0.3 Element Fault
TWL076	911	'5741300_/_5741297'	0.3	0.77	3.33	0.62	0.3	1.19	1.12	No	0.3 Primary Over-Voltage
TWL076	912	'5741443_/_43775498'	0.33	0.77	3.33	0.62	0.3	1.22	1.12	No	0.3 Element Fault
TWL076	913	'7659287_/_415437625'	0.33	0.77	3.33	0.62	0.3	1.22	1.12	No	0.3 Element Fault
TWL076	914	'5741364_/_5741362'	0.33	0.77	3.33	0.62	0.3	1.21	1.12	No	0.3 Element Fault
TWL076	915	'43775540_/_5741648'	0.33	0.77	3.33	0.62	0.3	1.21	1.12	No	0.3 Element Fault
TWL076	916	'43775452_/_5741310'	0.33	0.77	3.33	0.62	0.3	1.21	1.12	No	0.3 Element Fault
TWL076	917	'43775441_/_43775443'	0.3	0.77	3.33	0.62	0.3	1.17	1.12	No	0.3 Primary Over-Voltage
TWL076	918	'5741456_/_5741453'	0.33	0.77	3.33	0.62	0.3	1.18	1.12	No	0.3 Element Fault
TWL076	919	'5741664_/_43775542'	0.3	0.77	3.33	0.62	0.3	1.18	1.12	No	0.3 Primary Over-Voltage
TWL076	920	'5741245_/_5741258'	0.3	0.73	3.33	0.62	0.3	1.18	1.12	No	0.3 Primary Over-Voltage
TWL076	921	'5741469_/_5741466'	0.3	0.73	3.33	0.62	0.3	1.17	1.12	No	0.3 Primary Over-Voltage
TWL076	922	'5741326_/_43775454'	0.3	0.73	3.33	0.62	0.3	1.17	1.12	No	0.3 Primary Over-Voltage
TWL076	923	'5741677_/_5741674'	0.3	0.73	3.33	0.62	0.3	1.16	1.12	No	0.3 Primary Over-Voltage
TWL076	924	'5741244_/_5741242'	0.3	0.73	3.33	0.62	0.3	1.14	1.12	No	0.3 Primary Over-Voltage
TWL076	925	'417438521_/_415437640_1'	0.3	0.73	3.33	0.62	0.3	1.14	1.12	No	0.3 Primary Over-Voltage
TWL076	926	'5741339_/_5741336'	0.3	0.73	3.33	0.62	0.3	1.14	1.12	No	0.3 Primary Over-Voltage
TWL076	927	'43775507_/_5741479'	0.3	0.7	3.33	0.62	0.3	1.12	1.12	No	0.3 Primary Over-Voltage
TWL076	928	'43775474_/_5741687'	0.3	0.7	3.33	0.62	0.3	1.11	1.12	No	0.3 Primary Over-Voltage
TWL076	929	'5741352_/_5741349'	0.3	0.7	3.33	0.62	0.3	1.09	1.12	No	0.3 Primary Over-Voltage
TWL076	930	'5741482_/_43775509'	0.3	0.67	3.33	0.62	0.3	1.07	1.12	No	0.3 Primary Over-Voltage
TWL076	931	'45373704_/_5741700'	0.27	0.67	3.33	0.62	0.3	1.06	1.12	No	0.27 Primary Over-Voltage
TWL076	932	'43775463_/_5743088'	0.27	0.67	3.33	0.62	0.3	1.05	1.12	No	0.27 Primary Over-Voltage
TWL076	933	'5743091_/_43775465'	0.27	0.63	3.33	0.62	0.3	1.02	1.12	No	0.27 Primary Over-Voltage
TWL077	0	'TWL077_/_8366074'	10	10	10	1.02	10	10	10	No	1.02 Thermal Discharging
TWL077	1	'8366076_/_8366074'	10	10	10	1.02	10	10	4.71	No	1.02 Thermal Discharging
TWL077	2	'511692451_/_511691900'	10	10	10	1.02	10	10	4.71	No	1.02 Thermal Discharging
TWL077	3	'511692511_/_511692476'	10	10	10	1.02	10	10	4.71	No	1.02 Thermal Discharging
TWL077	4	'511692572_/_511692537'	9.4	10	10	1.02	10	10	4.71	No	1.02 Thermal Discharging
TWL077	5	'511692630_/_511692596'	7.5	10	10	1.02	10	10	4.71	No	1.02 Thermal Discharging
TWL077	6	'511692688_/_511692654'	6.2	10	10	1.02	10	10	4.71	No	1.02 Thermal Discharging
TWL077	7	'511692746_/_511692712'	5.2	10	10	1.02	10	10	4.71	No	1.02 Thermal Discharging
TWL077	8	'37912112_/_511692770'	4.9	10	10	1.02	10	10	4.71	No	1.02 Thermal Discharging
TWL077	9	'404446911_/_37912116'	4.9	10	10	1.02	10	10	4.71	No	1.02 Thermal Discharging
TWL077	10	'37912126_/_37912123'	4.9	10	10	1.02	4.9	10	4.71	No	1.02 Thermal Discharging
TWL077	11	'37912077_/_37912081'	4.9	10	10	1.02	10	10	4.71	No	1.02 Thermal Discharging
TWL077	12	'37912091_/_37912088'	4.9	10	10	1.02	5.4	10	4.71	No	1.02 Thermal Discharging
TWL077	13	'8656398_/_8656396'	4.9	10	10	1.02	10	10	4.71	No	1.02 Thermal Discharging
TWL077	14	'7712536_/_9289745'	4.6	10	10	1.02	10	10	4.71	No	1.02 Thermal Discharging
TWL077	15	'482943965_/_482943987'	4.6	10	10	1.02	5.4	10	4.71	No	1.02 Thermal Discharging
TWL077	16	'7398925_/_7712533'	4.4	10	10	1.02	10	10	4.71	No	1.02 Thermal Discharging
TWL077	17	'7398924_/_7398922'	4.2	10	10	1.02	10	10	4.71	No	1.02 Thermal Discharging
TWL077	18	'8115283_/_8115280'	4.1	10	10	1.02	4.5	10	4.71	No	1.02 Thermal Discharging
TWL077	19	'7399024_/_7399022'	4	10	10	1.02	10	10	4.71	No	1.02 Thermal Discharging
TWL077	20	'40973785_/_44104228'	3.9	10	10	1.02	4.5	10	4.71	No	1.02 Thermal Discharging
TWL077	21	'449653404_/_449653408'	4	10	10	1.02	5.4	10	4.71	No	1.02 Thermal Discharging
TWL077	22	'7399268_/_8656832'	3.8	10	10	1.02	10	10	4.71	No	1.02 Thermal Discharging
TWL077	23	'449653379_/_449653383'	4	10	10	1.02	5.4	10	4.71	No	1.02 Thermal Discharging
TWL077	24	'357224753_/_7399266'	3.7	10	10	1.02	1.4	10	4.71	No	1.02 Thermal Discharging
TWL077	25	'357224742_/_491777731'	3.7	10	10	1.02	1.4	10	4.71	No	1.02 Thermal Discharging
TWL077	26	'491778146_/_491777737'	3.7	10	10	1.02	1.4	10	4.71	No	1.02 Thermal Discharging
TWL077	27	'357224747_/_491777749'	3.7	10	10	1.02	1.4	10	4.71	No	1.02 Thermal Discharging
TWL077	28	'357224759_/_491777743'	3.7	10	10	1.02	1.4	10	4.71	No	1.02 Thermal Discharging
TWL077	29	'7398606_/_449653324'	3.8	10	10	1.02	5.4	10	4.71	No	1.02 Thermal Discharging
TWL077	30	'444428027_/_444428046'	3.6	10	10	1.02	1.4	10	4.71	No	1.02 Thermal Discharging
TWL077	31	'491777916_/_491777948'	3.5	9.8	10	1.02	1.4	10	4.71	No	1.02 Thermal Discharging
TWL077	32	'435952393_/_491777920'	3.3	9.3	10	1.02	1.4	10	4.71	No	1.02 Thermal Discharging
TWL077	33	'8035580_/_491777903'	3.3	9.2	10	1.02	1.4	10	4.71	No	1.02 Thermal Discharging
TWL077	34	'409697320_/_429246390'	3.3	9.1	10	1.02	1.4	10	4.71	No	1.02 Thermal Discharging
TWL077	35	'409697234_/_409697339'	3.2	9	10	1.02	1.4	10	4.71	No	1.02 Thermal Discharging
TWL077	36	'8035579_/_8035577'	3.2	8.9	10	1.02	1.4	10	4.71	No	1.02 Thermal Discharging
TWL077	37	'8035640_/_8976765'	3.2	8.9	10	1.02	1.4	10	4.71	No	1.02 Thermal Discharging
TWL077	38	'89511048_/_449653297'	3.3	8.7	10	1.02	5.4	10	4.71	No	1.02 Thermal Discharging
TWL077	39	'7712804_/_8035637'	3.1	8.6	10	1.02	1.4	10	4.71	No	1.02 Thermal Discharging
TWL077	40	'380138290_/_409697238'	3.1	8.6	10	1.02	1.4	10	4.71	No	1.02 Thermal Discharging
TWL077	41	'350474732_/_272336131'	2.9	8.2	10	1.02	4.5	10	4.71	No	1.02 Thermal Discharging
TWL077	42	'37912028_/_37912032'	2.9	8.2	10	1.02	4.5	10	4.71	No	1.02 Thermal Discharging
TWL077	43	'350474740_/_37912025'	0.97	2.73	3.33	0.34	1.5	3.33	1.57	No	0.34 Thermal Discharging
TWL077	44	'350474728_/_37912060'	0.97	2.73	3.33	0.34	1.5	3.33	1.57	No	0.34 Thermal Discharging
TWL077	45	'350474736_/_37912053'	2.9	8.2	10	1.02	4.5	10	4.71	No	1.02 Thermal Discharging
TWL077	46	'474102584_/_449653542'	3.1	7.9	10	1.02	5.4	10	4.71	No	1.02 Thermal Discharging
TWL077	47	'414905299_/_399433204'	2.8	7.8	10	1.02	1.4	10	4.71	No	1.02 Thermal Discharging
TWL077	48	'414905384_/_414905403'	2.7	7.6	10	1.02	1.4	10	4.71	No	1.02 Thermal Discharging
TWL077	49	'154556384_/_7712801'	2.7	7.5	10	1.02	1.4	10	4.71	No	1.02 Thermal Discharging
TWL077	50	'414905325_/_414905501'	2.7	7.5	10	1.02	1.4	10	4.71	No	1.02 Thermal Discharging
TWL077	51	'7712191_/_7712189'	0.87	2.43	3.33	0.34	1.4	3.33	1.57	No	0.34 Thermal Discharging
TWL077	52	'7398647_/_272336409'	2.6	7.2	10	1.02	4.5	10	4.71	No	1.02 Thermal Discharging
TWL077	53	'399433232_/_414905329'	2.6	7.1	10	1.02	1.4	10	4.71	No	1.02 Thermal Discharging
TWL077	54	'7712631_/_9604635'	2.6	7.1	10	1.02	1.4	10	4.71	No	1.02 Thermal Discharging
TWL077	55	'7398646_/_7398644'	2.5	7.1	10	1.02	4.5	10	4.71	No	1.02 Thermal Discharging
TWL077	56	'7712632_/_7712629'	2.5	6.8	10	1.02	1.4	9.78	4.71	No	1.02 Thermal Discharging
TWL077	57	'8350446_/_323066868'	0.83	2.27	3.33	0.34	1.4	3.28	1.57	No	0.34 Thermal Discharging
TWL077	58	'8976050_/_8976597'	2.4	6.7	10	1.02	1.4	9.68	4.71	No	1.02 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TWL077	59	'8350405_/_8976047'		2.4	6.7	10	1.02	1.4	9.66	4.71 No	1.02 Thermal Discharging
TWL077	60	'8141236_/_449653259'		2.4	5.8	10	1.02	4.8	9.54	4.71 No	1.02 Thermal Discharging
TWL077	61	'7815176_/_8141233'		2.4	5.8	10	1.02	4.8	9.37	4.71 No	1.02 Thermal Discharging
TWL077	62	'8655867_/_9589279'		2.2	6.2	10	1.02	4.4	9.19	4.71 No	1.02 Thermal Discharging
TWL077	63	'8655866_/_8655864'		2.2	6.2	10	1.02	4.4	9.17	4.71 No	1.02 Thermal Discharging
TWL077	64	'53280190_/_53280192'		2.2	6.2	10	1.02	4.4	9.11	4.71 No	1.02 Thermal Discharging
TWL077	65	'8655850_/_449653278'		0.83	2.07	3.33	0.34	1.6	3.07	1.57 No	0.34 Thermal Discharging
TWL077	66	'53280160_/_53280219'		2.2	6.1	10	1.02	4.4	9.05	4.71 No	1.02 Thermal Discharging
TWL077	67	'53280126_/_53280167'		2.2	6.1	10	1.02	4.4	9.01	4.71 No	1.02 Thermal Discharging
TWL077	68	'8034945_/_8350403'		2.1	5.8	10	1.02	1.4	8.63	4.71 No	1.02 Thermal Discharging
TWL077	69	'474102570_/_449653517'		0.77	1.93	3.33	0.34	1.6	2.91	1.57 No	0.34 Thermal Discharging
TWL077	70	'7398686_/_9289425'		2.1	5.7	10	1.02	4.4	8.58	4.71 No	1.02 Thermal Discharging
TWL077	71	'37912483_/_7815173'		2.4	5.7	10	1.02	4.8	8.54	4.71 No	1.02 Thermal Discharging
TWL077	72	'37912462_/_37912480'		2.4	5.7	10	1.02	4.8	8.54	4.71 No	1.02 Thermal Discharging
TWL077	73	'37912469_/_37912473'		2.4	5.7	10	1.02	4.8	8.54	4.71 No	1.02 Thermal Discharging
TWL077	74	'404446434_/_404446431'		2.4	5.7	10	1.02	4.8	8.54	4.71 No	1.02 Thermal Discharging
TWL077	75	'37912455_/_37912459'		2.4	5.7	10	1.02	4.8	8.54	4.71 No	1.02 Thermal Discharging
TWL077	76	'510881222_/_510881238'		2.1	5.7	10	1.02	4.4	8.52	4.71 No	1.02 Thermal Discharging
TWL077	77	'510881189_/_510881254'		2	5.7	10	1.02	4.4	8.5	4.71 No	1.02 Thermal Discharging
TWL077	78	'5433873_/_8656732_1'		2.3	5.7	10	1.02	1.5	8.47	4.71 No	1.02 Thermal Discharging
TWL077	79	'8034925_/_8034943'		2.1	5.7	10	1.02	1.4	8.41	4.71 No	1.02 Thermal Discharging
TWL077	80	'43711537_/_8656732_2'		2.3	5.7	10	1.02	1.5	8.43	4.71 No	1.02 Thermal Discharging
TWL077	81	'8341077_/_8341075'		2.3	5.6	10	1.02	4.8	8.33	4.71 No	1.02 Thermal Discharging
TWL077	82	'8034926_/_8034923'		2	5.5	10	1.02	1.4	8.18	4.71 No	1.02 Thermal Discharging
TWL077	83	'8034885_/_9289385'		2	5.4	10	1.02	1.4	8.13	4.71 No	1.02 Thermal Discharging
TWL077	84	'8035855_/_8955833'		2.3	5.4	10	1.02	4.8	8.15	4.71 No	1.02 Thermal Discharging
TWL077	85	'43712158_/_43711539'		2.2	5.4	10	1.02	1.5	8.14	4.71 No	1.02 Thermal Discharging
TWL077	86	'387025278_/_387025306'		1.9	5.3	10	1.02	1.4	7.94	4.71 No	1.02 Thermal Discharging
TWL077	87	'8034866_/_506166362'		1.9	5.2	10	1.02	4.4	7.84	4.71 No	1.02 Thermal Discharging
TWL077	88	'388883500_/_388883544'		1.9	5.2	10	1.02	1.4	7.76	4.71 No	1.02 Thermal Discharging
TWL077	89	'43711524_/_43712160'		2.1	5.1	10	1.02	1.5	7.78	4.71 No	1.02 Thermal Discharging
TWL077	90	'5433894_/_8656852_1'		2.1	5.1	10	1.02	0.9	7.76	4.71 No	0.9 Element Fault
TWL077	91	'8656854_/_8656852_2'		2.1	5.1	10	1.02	0.9	7.72	4.71 No	0.9 Element Fault
TWL077	92	'8035740_/_9095095'		2	5	10	1.02	0.9	7.58	4.71 No	0.9 Element Fault
TWL077	93	'8655810_/_388883504'		1.8	5	10	1.02	1.4	7.53	4.71 No	1.02 Thermal Discharging
TWL077	94	'8035620_/_8035737'		2	4.9	10	1.02	0.9	7.39	4.71 No	0.9 Element Fault
TWL077	95	'7398627_/_8975947'		1.8	4.8	10	1.02	1.4	7.36	4.71 No	1.02 Thermal Discharging
TWL077	96	'7398626_/_7398624'		1.8	4.8	10	1.02	1.4	7.34	4.71 No	1.02 Thermal Discharging
TWL077	97	'741361150_/_741361173'		2	4.8	10	1.02	0.9	7.32	4.71 No	0.9 Element Fault
TWL077	98	'8035619_/_8035617'		1.9	4.8	10	1.02	0.9	7.26	4.71 No	0.9 Element Fault
TWL077	99	'8034865_/_9289325'		1.7	4.7	10	1.02	1.4	7.21	4.71 No	1.02 Thermal Discharging
TWL077	100	'154556353_/_8034863_1'		1.7	4.7	10	1.02	4.4	7.14	4.71 No	1.02 Thermal Discharging
TWL077	101	'37912763_/_468112412'		1.9	4.6	10	1.02	4.8	7.09	4.71 No	1.02 Thermal Discharging
TWL077	102	'37912749_/_37912760'		1.9	4.6	10	1.02	4.8	7.09	4.71 No	1.02 Thermal Discharging
TWL077	103	'404446520_/_404446517'		1.9	4.6	10	1.02	4.8	7.09	4.71 No	1.02 Thermal Discharging
TWL077	104	'37912665_/_37912753'		1.9	4.6	10	1.02	4.8	7.09	4.71 No	1.02 Thermal Discharging
TWL077	105	'37912742_/_37912746'		1.9	4.6	10	1.02	4.8	7.09	4.71 No	1.02 Thermal Discharging
TWL077	106	'5430516_/_8955813_2'		1.9	4.6	10	1.02	1.2	7.02	4.71 No	1.02 Thermal Discharging
TWL077	107	'333787365_/_8955813_1'		1.9	4.6	10	1.02	1.2	6.98	4.71 No	1.02 Thermal Discharging
TWL077	108	'7712843_/_8035717'		1.9	4.5	10	1.02	4.8	6.92	4.71 No	1.02 Thermal Discharging
TWL077	109	'5430515_/_43711565'		1.8	4.4	10	1.02	1.2	6.8	4.71 No	1.02 Thermal Discharging
TWL077	110	'39316390_/_7712841'		1.8	4.2	10	1.02	4.8	6.47	4.71 No	1.02 Thermal Discharging
TWL077	111	'37912686_/_37912732'		1.8	4.2	10	1.02	4.8	6.47	4.71 No	1.02 Thermal Discharging
TWL077	112	'404446677_/_404446674'		1.8	4.2	10	1.02	4.8	6.47	4.71 No	1.02 Thermal Discharging
TWL077	113	'37912714_/_37912718'		1.8	4.2	10	1.02	4.8	6.47	4.71 No	1.02 Thermal Discharging
TWL077	114	'37912679_/_37912683'		1.8	4.2	10	1.02	4.8	6.47	4.71 No	1.02 Thermal Discharging
TWL077	115	'8341097_/_8955661'		1.7	4.1	10	1.02	4.8	6.39	4.71 No	1.02 Thermal Discharging
TWL077	116	'8955896_/_9604791'		1.7	4.1	10	1.02	4.8	6.32	4.71 No	1.02 Thermal Discharging
TWL077	117	'8955895_/_8955893'		1.7	4.1	10	1.02	4.8	6.3	4.71 No	1.02 Thermal Discharging
TWL077	118	'7713098_/_9604943'		1.7	4	10	1.02	4.8	6.29	4.71 No	1.02 Thermal Discharging
TWL077	119	'7713114_/_8341225'		1.7	4	10	1.02	4.8	6.27	4.71 No	1.02 Thermal Discharging
TWL077	120	'37912777_/_7713111'		1.7	3.9	10	1.02	4.8	6.15	4.71 No	1.02 Thermal Discharging
TWL077	121	'37912776_/_37912774'		1.7	3.9	10	1.02	4.8	6.15	4.71 No	1.02 Thermal Discharging
TWL077	122	'404446600_/_404446597'		1.7	3.9	10	1.02	4.8	6.15	4.71 No	1.02 Thermal Discharging
TWL077	123	'37912784_/_37912788'		1.7	3.9	10	1.02	4.8	6.15	4.71 No	1.02 Thermal Discharging
TWL077	124	'37912798_/_37912795'		1.7	3.9	10	1.02	4.8	6.15	4.71 No	1.02 Thermal Discharging
TWL077	125	'661498059_/_661498063'		1.7	3.9	10	1.02	4.8	6.1	4.71 No	1.02 Thermal Discharging
TWL077	126	'7712823_/_8341095'		1.7	3.9	10	1.02	4.8	6.09	4.71 No	1.02 Thermal Discharging
TWL077	127	'661498041_/_661498089'		1.6	3.9	10	1.02	4.8	6.04	4.71 No	1.02 Thermal Discharging
TWL077	128	'661498107_/_661498137'		1.6	3.8	10	1.02	4.8	5.99	4.71 No	1.02 Thermal Discharging
TWL077	129	'423199224_/_423199230'		1.07	2.47	6.67	0.68	3.2	3.9	3.14 No	0.68 Thermal Discharging
TWL077	130	'8034906_/_52855025'		1.6	3.7	10	1.02	4.8	5.81	4.71 No	1.02 Thermal Discharging
TWL077	131	'423199138_/_423199144'		1.6	3.7	10	1.02	4.8	5.76	4.71 No	1.02 Thermal Discharging
TWL077	132	'9290291_/_468113280'		1.5	3.7	10	1.02	4.8	5.74	4.71 No	1.02 Thermal Discharging
TWL077	133	'7712824_/_7712821'		1.5	3.6	10	1.02	4.8	5.69	4.71 No	1.02 Thermal Discharging
TWL077	134	'8976824_/_8976821'		1.5	3.6	10	1.02	4.8	5.68	4.71 No	1.02 Thermal Discharging
TWL077	135	'8955643_/_9290141_1'		1.5	3.6	10	1.02	0.9	5.64	4.71 No	0.9 Element Fault
TWL077	136	'503784451_/_503784457'		1.4	3.4	10	1.02	4.8	5.38	4.71 No	1.02 Thermal Discharging
TWL077	137	'423199185_/_423199204'		0.4	0.97	3.33	0.34	1.4	1.56	1.57 No	0.34 Thermal Discharging
TWL078	0	'TWL078_/_51224291'		10	10	10	1.6	10	10	10 No	1.6 Thermal Discharging
TWL078	1	'7730417_/_51224291'		10	10	10	1.6	10	10	2.96 No	1.6 Thermal Discharging
TWL078	2	'8678744_/_51224312'		10	10	10	1.6	10	10	2.96 No	1.6 Thermal Discharging
TWL078	3	'7416173_/_51224333'		10	10	10	1.6	10	10	2.96 No	1.6 Thermal Discharging
TWL078	4	'7416174_/_51224354'		10	10	10	1.6	10	10	2.96 No	1.6 Thermal Discharging
TWL078	5	'7416153_/_51224375'		10	10	10	1.6	10	10	2.96 No	1.6 Thermal Discharging
TWL078	6	'7416154_/_51224396'		10	10	10	1.6	10	10	2.96 No	1.6 Thermal Discharging
TWL078	7	'8991598_/_51224423'		10	10	10	1.6	10	10	2.96 No	1.6 Thermal Discharging
TWL078	8	'8996268_/_51224492'		10	10	10	1.6	10	10	2.96 No	1.6 Thermal Discharging
TWL078	9	'7399044_/_51224513'		8.6	10	10	1.6	10	10	2.96 No	1.6 Thermal Discharging
TWL078	10	'7399045_/_51224534'		8	10	10	1.6	10	10	2.96 No	1.6 Thermal Discharging
TWL078	11	'8035404_/_51224555'		7.3	10	10	1.6	10	10	2.96 No	1.6 Thermal Discharging
TWL078	12	'8340845_/_8340843'		6.8	10	10	1.6	10	10	2.96 No	1.6 Thermal Discharging
TWL078	13	'8656338_/_8656336'		6.3	10	10	1.6	10	10	2.96 No	1.6 Thermal Discharging
TWL078	14	'9289687_/_9289685'		5.8	10	10	1.6	10	10	2.96 No	1.6 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TWL078	15	'8656419_/9604903'		5.4	10	10	1.6	10	10	2.96 No	1.6 Thermal Discharging
TWL078	16	'7788798_/8656416'		5.1	10	10	1.6	10	10	2.96 No	1.6 Thermal Discharging
TWL078	17	'7730458_/7788795'		4.8	10	10	1.6	10	10	2.96 No	1.6 Thermal Discharging
TWL078	18	'7730457_/51224702'		4.7	10	10	1.6	10	10	2.96 No	1.6 Thermal Discharging
TWL078	19	'8995948_/51224723'		4.5	10	10	1.6	10	10	2.96 No	1.6 Thermal Discharging
TWL078	20	'51224254_/51224256'		4.3	10	10	1.6	10	10	2.96 No	1.6 Thermal Discharging
TWL078	21	'8052990_/51224788'		4.3	10	10	1.6	10	10	2.96 No	1.6 Thermal Discharging
TWL078	22	'7788777_/51224830'		4.2	10	10	1.6	10	10	2.96 No	1.6 Thermal Discharging
TWL078	23	'7788778_/51224851'		4.1	10	10	1.6	10	10	2.96 No	1.6 Thermal Discharging
TWL078	24	'8656318_/51224872'		4	9.7	10	1.6	10	10	2.96 No	1.6 Thermal Discharging
TWL078	25	'8035324_/51224893'		3.9	9.3	10	1.6	10	10	2.96 No	1.6 Thermal Discharging
TWL078	26	'8035323_/51224914'		3.8	8.9	10	1.6	10	10	2.96 No	1.6 Thermal Discharging
TWL078	27	'8976184_/9289905'		3.7	8.6	10	1.6	10	10	2.96 No	1.6 Thermal Discharging
TWL078	28	'8737716_/8976181'		3.6	8.4	10	1.6	10	10	2.96 No	1.6 Thermal Discharging
TWL078	29	'7705227_/8737714'		3.5	8	10	1.6	10	10	2.96 No	1.6 Thermal Discharging
TWL078	30	'51225160_/7705225'		3.5	7.8	10	1.6	10	10	2.96 No	1.6 Thermal Discharging
TWL078	31	'51225140_/7788595'		3.4	7.5	10	1.6	10	10	2.96 No	1.6 Thermal Discharging
TWL078	32	'7415014_/7415011'		3.3	7.3	10	1.6	10	10	2.96 No	1.6 Thermal Discharging
TWL078	33	'7728900_/51224998'		3.3	7.1	10	1.6	10	9.95	2.96 No	1.6 Thermal Discharging
TWL078	34	'7728901_/51225019'		3.2	6.8	10	1.6	10	9.69	2.96 No	1.6 Thermal Discharging
TWL078	35	'8994814_/51225046'		3.2	6.6	10	1.6	10	9.45	2.96 No	1.6 Thermal Discharging
TWL078	36	'7729020_/51225067'		3.1	6.4	10	1.6	10	9.23	2.96 No	1.6 Thermal Discharging
TWL078	37	'7729021_/51225088'		3	6.2	10	1.6	10	8.92	2.96 No	1.6 Thermal Discharging
TWL078	38	'7728980_/51225109'		3	6	10	1.6	10	8.75	2.96 No	1.6 Thermal Discharging
TWL078	39	'7728981_/7728978'		3	6	10	1.6	10	8.68	2.96 No	1.6 Thermal Discharging
TWL078	40	'7414791_/7728998'		3	5.8	10	1.6	10	8.51	2.96 No	1.6 Thermal Discharging
TWL078	41	'7414792_/7414789'		2.9	5.7	10	1.6	10	8.27	2.96 No	1.6 Thermal Discharging
TWL078	42	'37902585_/8110518'		2.7	4.9	10	1.6	10	7.21	2.96 No	1.6 Thermal Discharging
TWL078	43	'404194378_/37902589'		2.7	4.9	10	1.6	10	7.21	2.96 No	1.6 Thermal Discharging
TWL078	44	'37902564_/37902561'		2.7	4.9	10	1.6	10	7.21	2.96 No	1.6 Thermal Discharging
TWL078	45	'37902550_/37902554'		2.7	4.9	10	1.6	4.8	7.21	2.96 No	1.6 Thermal Discharging
TWL078	46	'37902599_/37902596'		2.7	4.9	10	1.6	4.9	7.21	2.96 No	1.6 Thermal Discharging
TWL078	47	'8024598_/8968625'		2.7	4.7	10	1.6	10	7.04	2.96 No	1.6 Thermal Discharging
TWL078	48	'7704747_/7704745'		2.6	4.7	10	1.6	4.8	7.01	2.96 No	1.6 Thermal Discharging
TWL078	49	'8342195_/8968165'		2.6	4.6	10	1.6	4.8	6.93	2.96 No	1.6 Thermal Discharging
TWL078	50	'8024599_/8024596'		2.6	4.6	10	1.6	10	6.87	2.96 No	1.6 Thermal Discharging
TWL078	51	'8342196_/8342193'		2.5	4.6	10	1.6	4.8	6.86	2.96 No	1.6 Thermal Discharging
TWL078	52	'8342598_/8342595'		2.5	4.4	10	1.6	10	6.56	2.96 No	1.6 Thermal Discharging
TWL078	53	'240420372_/8649733'		2.5	4.4	10	1.6	10	6.56	2.96 No	1.6 Thermal Discharging
TWL078	54	'240420357_/240420370'		2.5	4.4	10	1.6	10	6.56	2.96 No	1.6 Thermal Discharging
TWL078	55	'240422401_/240420378'		2.5	4.4	10	1.6	10	6.56	2.96 No	1.6 Thermal Discharging
TWL078	56	'240420356_/240420354'		2.5	4.4	10	1.6	10	6.56	2.96 No	1.6 Thermal Discharging
TWL078	57	'240420364_/240420362'		2.4	4.4	10	1.6	1.2	6.6	2.96 No	1.2 Element Fault
TWL078	58	'8649340_/8649337'		1.6	2.87	6.67	1.07	0.8	4.32	1.97 No	0.8 Element Fault
TWL078	59	'8649812_/322777355'		2.3	4.1	10	1.6	4.9	6.19	2.96 No	1.6 Thermal Discharging
TWL078	60	'8115060_/8969051'		2.4	4.1	10	1.6	10	6.12	2.96 No	1.6 Thermal Discharging
TWL078	61	'7391891_/7391888'		2.3	4	10	1.6	10	6.06	2.96 No	1.6 Thermal Discharging
TWL078	62	'114585901_/396507314'		2.2	4	10	1.6	4.9	6.12	2.96 No	1.6 Thermal Discharging
TWL078	63	'55853768_/55853837'		2.3	4	10	1.6	10	6.06	2.96 No	1.6 Thermal Discharging
TWL078	64	'404195850_/37903884'		2.3	4	10	1.6	10	6.06	2.96 No	1.6 Thermal Discharging
TWL078	65	'37903894_/37903891'		2.3	4	10	1.6	4.8	6.06	2.96 No	1.6 Thermal Discharging
TWL078	66	'37903908_/37903912'		2.3	4	10	1.6	4.9	6.06	2.96 No	1.6 Thermal Discharging
TWL078	67	'37903922_/37903919'		2.2	4	10	1.6	1.2	6.07	2.96 No	1.2 Element Fault
TWL078	68	'8024846_/9283557'		2.3	3.9	10	1.6	1.3	5.97	2.96 No	1.3 Element Fault
TWL078	69	'8024847_/8024844'		2.3	3.9	10	1.6	1.3	5.86	2.96 No	1.3 Element Fault
TWL078	70	'8115061_/8115058'		2.1	3.8	10	1.6	1.2	5.84	2.96 No	1.2 Element Fault
TWL078	71	'8649792_/8649809'		2.1	3.8	10	1.6	4.9	5.82	2.96 No	1.6 Thermal Discharging
TWL078	72	'40668397_/44100794'		2.1	3.7	10	1.6	4.9	5.77	2.96 No	1.6 Thermal Discharging
TWL078	73	'7704692_/8649789'		2.2	3.7	10	1.6	4.9	5.69	2.96 No	1.6 Thermal Discharging
TWL078	74	'7392031_/347147510'		2.1	3.7	10	1.6	1.2	5.7	2.96 No	1.2 Element Fault
TWL078	75	'8024867_/8024864'		2.2	3.7	10	1.6	1.3	5.61	2.96 No	1.3 Element Fault
TWL078	76	'9059561_/9059579'		2	3.6	10	1.6	1.2	5.58	2.96 No	1.2 Element Fault
TWL078	77	'9059562_/9059559'		2.3	3.6	10	1.6	10	5.43	2.96 No	1.6 Thermal Discharging
TWL078	78	'8342653_/8342671'		2	3.6	10	1.6	1.2	5.51	2.96 No	1.2 Element Fault
TWL078	79	'7704558_/7705145'		2.3	3.5	10	1.6	10	5.39	2.96 No	1.6 Thermal Discharging
TWL078	80	'37903439_/7704555'		2.3	3.5	10	1.6	10	5.39	2.96 No	1.6 Thermal Discharging
TWL078	81	'404195748_/37903436'		2.3	3.5	10	1.6	5.3	5.39	2.96 No	1.6 Thermal Discharging
TWL078	82	'37903467_/37903464'		2.3	3.5	10	1.6	4.8	5.39	2.96 No	1.6 Thermal Discharging
TWL078	83	'37903425_/37903429'		2.3	3.5	10	1.6	10	5.39	2.96 No	1.6 Thermal Discharging
TWL078	84	'37903453_/37903457'		2.1	3.5	10	1.6	1.3	5.41	2.96 No	1.3 Element Fault
TWL078	85	'69433307_/37902624'		1.7	2.9	10	1.6	4.9	5.43	2.96 No	1.6 Thermal Discharging
TWL078	86	'37902613_/37902617'		2.2	3.5	10	1.6	10	5.35	2.96 No	1.6 Thermal Discharging
TWL078	87	'404194472_/404194469'		0.67	1.17	3.33	0.53	0.4	1.85	0.99 No	0.4 Element Fault
TWL078	88	'37902641_/37902645'		0.67	1.17	3.33	0.53	0.4	1.85	0.99 No	0.4 Element Fault
TWL078	89	'37902627_/8649375'		0.67	1.17	3.33	0.53	0.4	1.85	0.99 No	0.4 Element Fault
TWL078	90	'52923977_/405388698'		0.67	1.17	3.33	0.53	0.4	1.85	0.99 No	0.4 Element Fault
TWL078	91	'7705208_/7705205'		0.67	1.17	3.33	0.53	0.4	1.84	0.99 No	0.4 Element Fault
TWL078	92	'8342654_/8342651'		2	3.4	10	1.6	4.9	5.31	2.96 No	1.6 Thermal Discharging
TWL078	93	'7706128_/9597857'		2.2	3.4	10	1.6	5.3	5.25	2.96 No	1.6 Thermal Discharging
TWL078	94	'9283392_/2699971128'		2.2	3.4	10	1.6	5.3	5.25	2.96 No	1.6 Thermal Discharging
TWL078	95	'91627022_/8649131'		2.2	3.4	10	1.6	5.3	5.25	2.96 No	1.6 Thermal Discharging
TWL078	96	'91627021_/91627018'		2.2	3.4	10	1.6	4.1	5.25	2.96 No	1.6 Thermal Discharging
TWL078	97	'91627064_/91627060'		2.2	3.4	10	1.6	1.2	5.25	2.96 No	1.2 Element Fault
TWL078	98	'91627049_/91627053'		2	3.4	10	1.6	4.9	5.26	2.96 No	1.6 Thermal Discharging
TWL078	99	'91627036_/91627032'		2.2	3.4	10	1.6	4.1	5.22	2.96 No	1.6 Thermal Discharging
TWL078	100	'9283372_/9283389'		2.2	3.4	10	1.6	4.8	5.22	2.96 No	1.6 Thermal Discharging
TWL078	101	'398898994_/398899027'		2.2	3.4	10	1.6	4.8	5.22	2.96 No	1.6 Thermal Discharging
TWL078	102	'37902193_/8955043'		0.73	1.13	3.33	0.53	1.6	1.74	0.99 No	0.53 Thermal Discharging
TWL078	103	'37902186_/37902190'		2.2	3.4	10	1.6	4.8	5.22	2.96 No	1.6 Thermal Discharging
TWL078	104	'37902179_/37902183'		2.2	3.4	10	1.6	4.8	5.22	2.96 No	1.6 Thermal Discharging
TWL078	105	'37902207_/37902211'		1.9	3.4	10	1.6	1.2	5.28	2.96 No	1.2 Element Fault
TWL078	106	'37902221_/37902218'		2	3.4	10	1.6	4.9	5.2	2.96 No	1.6 Thermal Discharging
TWL078	107	'8342634_/9283369'		2.1	3.3	10	1.6	1.2	5.08	2.96 No	1.2 Element Fault
TWL078	108	'7494778_/69362371'		2.1	3.3	10	1.6	4.8	5.07	2.96 No	1.6 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TWL078	109	'9596703_/_409779972'		2.1	3.3	10	1.6	10	5.05	2.96 No	1.6 Thermal Discharging
TWL078	110	'37903572_/_7705475'		2.1	3.3	10	1.6	10	5.05	2.96 No	1.6 Thermal Discharging
TWL078	111	'404304329_/_37903569'		2.1	3.3	10	1.6	10	5.05	2.96 No	1.6 Thermal Discharging
TWL078	112	'37903586_/_37903583'		2.1	3.3	10	1.6	4.8	5.05	2.96 No	1.6 Thermal Discharging
TWL078	113	'37903558_/_37903555'		2.1	3.3	10	1.6	5	5.05	2.96 No	1.6 Thermal Discharging
TWL078	114	'37903537_/_37903541'		2.1	3.3	10	1.6	5	5.02	2.96 No	1.6 Thermal Discharging
TWL078	115	'8024319_/_8968185'		0.63	1.1	3.33	0.53	0.4	1.74	0.99 No	0.4 Element Fault
TWL078	116	'7392490_/_7706125'		2.1	3.3	10	1.6	1.2	5.02	2.96 No	1.2 Element Fault
TWL078	117	'7392491_/_7392488'		2.1	3.2	10	1.6	5	5	2.96 No	1.6 Thermal Discharging
TWL078	118	'7705498_/_9597317_2'		1.8	3.2	10	1.6	1.2	5.05	2.96 No	1.2 Element Fault
TWL078	119	'7494779_/_7494776'		0.63	1.07	3.33	0.53	0.4	1.72	0.99 No	0.4 Element Fault
TWL078	120	'7391458_/_478121690'		2.1	3.2	10	1.6	1.2	4.96	2.96 No	1.2 Element Fault
TWL078	121	'5234327_/_9597317_1'		1.8	3.2	10	1.6	1.2	5.03	2.96 No	1.2 Element Fault
TWL078	122	'7705442_/_8342631'		0.7	1.07	3.33	0.53	1.6	1.65	0.99 No	0.53 Thermal Discharging
TWL078	123	'7806422_/_7806420'		2.1	3.2	10	1.6	1.2	4.94	2.96 No	1.2 Element Fault
TWL078	124	'8024189_/_8024186'		2	3.1	10	1.6	4.1	4.93	2.96 No	1.6 Thermal Discharging
TWL078	125	'69362886_/_69362873'		2	3.1	10	1.6	4.1	4.93	2.96 No	1.6 Thermal Discharging
TWL078	126	'37902809_/_37902806'		2	3.1	10	1.6	4.1	4.93	2.96 No	1.6 Thermal Discharging
TWL078	127	'37902795_/_37902799'		2	3.1	10	1.6	4.1	4.93	2.96 No	1.6 Thermal Discharging
TWL078	128	'37902767_/_37902771'		1.8	3.2	10	1.6	1.3	4.96	2.96 No	1.3 Element Fault
TWL078	129	'37902774_/_37902778'		2	3.1	10	1.6	4.1	4.92	2.96 No	1.6 Thermal Discharging
TWL078	130	'37902781_/_398899136'		2	3.2	10	1.6	10	4.87	2.96 No	1.6 Thermal Discharging
TWL078	131	'405088930_/_8968605_2'		2	3.1	10	1.6	4.1	4.88	2.96 No	1.6 Thermal Discharging
TWL078	132	'8342733_/_8342731'		2.1	3.1	10	1.6	2.1	4.86	2.96 No	1.6 Thermal Discharging
TWL078	133	'8649546_/_8649543'		2	3.1	10	1.6	4.8	4.85	2.96 No	1.6 Thermal Discharging
TWL078	134	'37903628_/_8968773'		2	3.1	10	1.6	4.8	4.85	2.96 No	1.6 Thermal Discharging
TWL078	135	'37903607_/_37903632'		0.67	1.03	3.33	0.53	1.6	1.62	0.99 No	0.53 Thermal Discharging
TWL078	136	'37903614_/_37903611'		2	3.1	10	1.6	4.8	4.85	2.96 No	1.6 Thermal Discharging
TWL078	137	'37903600_/_37903604'		2	3.1	10	1.6	4.8	4.85	2.96 No	1.6 Thermal Discharging
TWL078	138	'37903642_/_37903639'		0.67	1.03	3.33	0.53	1.6	1.61	0.99 No	0.53 Thermal Discharging
TWL078	139	'7391942_/_9283309'		0.67	1.03	3.33	0.53	1.4	1.61	0.99 No	0.53 Thermal Discharging
TWL078	140	'8955030_/_9596585'		2	3.1	10	1.6	2.1	4.82	2.96 No	1.6 Thermal Discharging
TWL078	141	'8024107_/_453433363'		1.7	2.9	10	1.6	4.9	4.89	2.96 No	1.6 Thermal Discharging
TWL078	142	'7391943_/_7391940'		2	3.1	10	1.6	4.1	4.82	2.96 No	1.6 Thermal Discharging
TWL078	143	'5234328_/_5234325'		2	3.1	10	1.6	10	4.79	2.96 No	1.6 Thermal Discharging
TWL078	144	'9596808_/_405388638'		1.33	2.07	6.67	1.07	2.73	3.2	1.97 No	1.07 Thermal Discharging
TWL078	145	'398899230_/_398899240'		0.67	1.03	3.33	0.53	1.6	1.59	0.99 No	0.53 Thermal Discharging
TWL078	146	'8024827_/_8024824'		1.7	2.9	10	1.6	4.9	4.84	2.96 No	1.6 Thermal Discharging
TWL078	147	'7392319_/_7392316'		0.67	1.03	3.33	0.53	0.5	1.59	0.99 No	0.5 Element Fault
TWL078	148	'8342874_/_8969071'		0.67	1.03	3.33	0.53	1.3	1.59	0.99 No	0.53 Thermal Discharging
TWL078	149	'398899064_/_398899074'		1.8	3.1	10	1.6	1.3	4.8	2.96 No	1.3 Element Fault
TWL078	150	'5234764_/_7392084_2'		2	3.1	10	1.6	4.8	4.76	2.96 No	1.6 Thermal Discharging
TWL078	151	'7704707_/_404308045'		2	3.1	10	1.6	2.1	4.74	2.96 No	1.6 Thermal Discharging
TWL078	152	'43671270_/_7392084_1'		0.67	1.03	3.33	0.53	1.6	1.58	0.99 No	0.53 Thermal Discharging
TWL078	153	'43671449_/_5235091'		0.67	1.03	3.33	0.53	0.9	1.58	0.99 No	0.53 Thermal Discharging
TWL078	154	'7704542_/_8649151'		1.8	3.1	10	1.6	1.3	4.77	2.96 No	1.3 Element Fault
TWL078	155	'7391459_/_7391456'		0.67	1	3.33	0.53	0.5	1.57	0.99 No	0.5 Element Fault
TWL078	156	'43671471_/_5235212'		1.7	3	10	1.6	1.2	4.78	2.96 No	1.2 Element Fault
TWL078	157	'5235067_/_9283449_2'		0.67	1	3.33	0.53	1.4	1.57	0.99 No	0.53 Thermal Discharging
TWL078	158	'5234808_/_5234806_1'		0.6	1	3.33	0.53	0.4	1.62	0.99 No	0.4 Element Fault
TWL078	159	'43671394_/_9283449_1'		2	3	10	1.6	4.8	4.7	2.96 No	1.6 Thermal Discharging
TWL078	160	'8024106_/_8024104'		2	3	10	1.6	4.8	4.7	2.96 No	1.6 Thermal Discharging
TWL078	161	'37902109_/_9597297'		2	3	10	1.6	4.8	4.7	2.96 No	1.6 Thermal Discharging
TWL078	162	'37902088_/_37902113'		2	3	10	1.6	4.8	4.7	2.96 No	1.6 Thermal Discharging
TWL078	163	'37902081_/_37902085'		2	3	10	1.6	4.8	4.7	2.96 No	1.6 Thermal Discharging
TWL078	164	'37902095_/_37902092'		1.7	2.9	10	1.6	4.9	4.76	2.96 No	1.6 Thermal Discharging
TWL078	165	'37902123_/_37902120'		1.9	2.8	10	1.6	4.1	4.7	2.96 No	1.6 Thermal Discharging
TWL078	166	'8024730_/_8342871'		1.9	2.8	10	1.6	0.6	4.7	2.96 No	0.6 Element Fault
TWL078	167	'7704708_/_322777336'		1.8	3	10	1.6	1.2	4.72	2.96 No	1.2 Element Fault
TWL078	168	'396917471_/_396917485'		1.9	2.8	10	1.6	4.1	4.69	2.96 No	1.6 Thermal Discharging
TWL078	169	'396917496_/_396917493'		2	3	10	1.6	4.8	4.67	2.96 No	1.6 Thermal Discharging
TWL078	170	'396917488_/_398899347'		2	3	10	1.6	1.5	4.66	2.96 No	1.5 Element Fault
TWL078	171	'8955009_/_9596529_2'		1.9	2.8	10	1.6	4.1	4.68	2.96 No	1.6 Thermal Discharging
TWL078	172	'396917480_/_396917477'		1.9	3	10	1.6	4.8	4.63	2.96 No	1.6 Thermal Discharging
TWL078	173	'5229790_/_9596529_1'		0.57	1	3.33	0.53	0.3	1.6	0.99 No	0.3 Element Fault
TWL078	174	'5235044_/_8649673_2'		0.63	1	3.33	0.53	0.5	1.54	0.99 No	0.5 Element Fault
TWL078	175	'412163595_/_405388933'		0.57	1	3.33	0.53	1.63	1.6	0.99 No	0.53 Thermal Discharging
TWL078	176	'5234763_/_43671361'		0.57	1	3.33	0.53	1.63	1.6	0.99 No	0.53 Thermal Discharging
TWL078	177	'37902466_/_7704689'		0.57	1	3.33	0.53	0.5	1.6	0.99 No	0.5 Element Fault
TWL078	178	'405388935_/_405388951'		0.57	1	3.33	0.53	1.63	1.6	0.99 No	0.53 Thermal Discharging
TWL078	179	'344523691_/_405388959'		1.9	3	10	1.6	1.5	4.62	2.96 No	1.5 Element Fault
TWL078	180	'37902480_/_405388943'		1.9	3	10	1.6	2.1	4.63	2.96 No	1.6 Thermal Discharging
TWL078	181	'43670773_/_8649673_1'		1.7	3	10	1.6	1.1	4.68	2.96 No	1.1 Element Fault
TWL078	182	'43671484_/_5235229'		0.67	1	3.33	0.53	0.9	1.53	0.99 No	0.53 Thermal Discharging
TWL078	183	'5234809_/_5234806_2'		1.9	2.8	10	1.6	0.6	4.61	2.96 No	0.6 Element Fault
TWL078	184	'8342235_/_396917780'		1.9	2.8	10	1.6	4.1	4.61	2.96 No	1.6 Thermal Discharging
TWL078	185	'37902396_/_398899370'		1.9	2.8	10	1.6	4.1	4.61	2.96 No	1.6 Thermal Discharging
TWL078	186	'37902389_/_37902393'		1.9	2.8	10	1.6	4.1	4.61	2.96 No	1.6 Thermal Discharging
TWL078	187	'37902382_/_37902386'		1.9	3	10	1.6	2.1	4.6	2.96 No	1.6 Thermal Discharging
TWL078	188	'43673207_/_43671486'		1.9	3	10	1.6	1.1	4.59	2.96 No	1.1 Element Fault
TWL078	189	'154904181_/_7392920_2'		0.67	0.97	3.33	0.53	0.5	1.53	0.99 No	0.5 Element Fault
TWL078	190	'5247119_/_7392920_1'		1.9	3	10	1.6	1.1	4.59	2.96 No	1.1 Element Fault
TWL078	191	'5234921_/_5234919_1'		1.9	2.9	10	1.6	2.1	4.59	2.96 No	1.6 Thermal Discharging
TWL078	192	'5234427_/_5234441'		1.5	2.4	10	1.6	4.8	4.6	2.96 No	1.5 Primary Over-Voltage
TWL078	193	'37902151_/_37902148'		1.5	2.4	10	1.6	4.8	4.6	2.96 No	1.5 Primary Over-Voltage
TWL078	194	'37902137_/_9282707'		1.5	2.4	10	1.6	4.8	4.6	2.96 No	1.5 Primary Over-Voltage
TWL078	195	'37902144_/_37902141'		0.57	0.97	3.33	0.53	1.63	1.58	0.99 No	0.53 Thermal Discharging
TWL078	196	'7391507_/_7391504'		1.7	2.9	10	1.6	4.9	4.64	2.96 No	1.6 Thermal Discharging
TWL078	197	'8025047_/_8025044'		1.5	2.4	10	1.6	4.8	4.57	2.96 No	1.5 Primary Over-Voltage
TWL078	198	'7392923_/_7392920_3'		1.9	2.9	10	1.6	1.1	4.57	2.96 No	1.1 Element Fault
TWL078	199	'404195627_/_404195624'		0.63	0.97	3.33	0.53	0.5	1.52	0.99 No	0.5 Element Fault
TWL078	200	'43671405_/_43671396'		1.9	2.9	10	1.6	4.8	4.54	2.96 No	1.6 Thermal Discharging
TWL078	201	'37902053_/_9596549'		1.9	2.9	10	1.6	4.8	4.54	2.96 No	1.6 Thermal Discharging
TWL078	202	'37902032_/_37902057'		1.9	2.9	10	1.6	4.8	4.54	2.96 No	1.6 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TWL078	203	'37902067_/_37902064'	1.9	2.9	10	1.6	4.8	4.54	2.96 No	1.6	Thermal Discharging
TWL078	204	'37902039_/_37902036'	1.9	2.9	10	1.6	4.8	4.54	2.96 No	1.6	Thermal Discharging
TWL078	205	'37902025_/_37902029'	1.9	2.9	10	1.6	1.5	4.54	2.96 No	1.5	Element Fault
TWL078	206	'43670786_/_43670775'	0.63	0.97	3.33	0.53	1.4	1.51	0.99 No	0.53	Thermal Discharging
TWL078	207	'8955029_/_8955027'	0.63	0.97	3.33	0.53	0.7	1.51	0.99 No	0.53	Thermal Discharging
TWL078	208	'5235942_/_5235940_2'	1.9	2.9	10	1.6	4.8	4.51	2.96 No	1.6	Thermal Discharging
TWL078	209	'7705112_/_8342539'	0.57	0.97	3.33	0.53	0.5	1.55	0.99 No	0.5	Element Fault
TWL078	210	'8342477_/_8649321'	0.63	0.97	3.33	0.53	0.5	1.5	0.99 No	0.5	Element Fault
TWL078	211	'8968113_/_275261014'	0.63	0.97	3.33	0.53	0.5	1.5	0.99 No	0.5	Element Fault
TWL078	212	'5234922_/_5234919_2'	1.07	1.93	6.67	1.07	3.27	3.04	1.97 No	1.07	Primary Over-Voltage
TWL078	213	'43671303_/_5235940_1'	0.57	0.97	3.33	0.53	0.4	1.54	0.99 No	0.4	Element Fault
TWL078	214	'7705686_/_7705683'	1.9	2.9	10	1.6	4.8	4.47	2.96 No	1.6	Thermal Discharging
TWL078	215	'37901997_/_8649095'	1.9	2.9	10	1.6	4.8	4.47	2.96 No	1.6	Thermal Discharging
TWL078	216	'37901990_/_37901994'	1.9	2.9	10	1.6	4.8	4.47	2.96 No	1.6	Thermal Discharging
TWL078	217	'37902011_/_37902015'	1.9	2.9	10	1.6	4.8	4.47	2.96 No	1.6	Thermal Discharging
TWL078	218	'404006844_/_37901987_2'	1.9	2.9	10	1.6	4.8	4.47	2.96 No	1.6	Thermal Discharging
TWL078	219	'404006845_/_404006842'	1.9	2.9	10	1.6	5.3	4.47	2.96 No	1.6	Thermal Discharging
TWL078	220	'37901983_/_37901987_1'	1.6	2.9	10	1.6	4.9	4.52	2.96 No	1.6	Primary Over-Voltage
TWL078	221	'7705685_/_8025064'	1.5	2.4	10	1.6	4.8	4.47	2.96 No	1.5	Primary Over-Voltage
TWL078	222	'8649174_/_8649171'	1.9	2.9	10	1.6	4.8	4.45	2.96 No	1.6	Thermal Discharging
TWL078	223	'7705167_/_8024576_2'	1.9	2.9	10	1.6	1.5	4.45	2.96 No	1.5	Element Fault
TWL078	224	'5229775_/_8024576_1'	0.63	0.93	3.33	0.53	0.5	1.48	0.99 No	0.5	Element Fault
TWL078	225	'43670797_/_43670788'	1.27	1.87	6.67	1.07	2.73	2.98	1.97 No	1.07	Thermal Discharging
TWL078	226	'398899275_/_398899285'	1.2	1.87	6.67	1.07	1	2.96	1.97 No	1	Element Fault
TWL078	227	'8024486_/_8342475'	1.8	2.8	10	1.6	10	4.4	2.96 No	1.6	Thermal Discharging
TWL078	228	'5229791_/_5229788'	0.53	0.8	3.33	0.53	0.3	1.48	0.99 No	0.3	Element Fault
TWL078	229	'9283676_/_76499195'	0.53	0.93	3.33	0.53	0.4	1.51	0.99 No	0.4	Element Fault
TWL078	230	'239789345_/_149250442_1'	1.8	2.8	10	1.6	2.1	4.4	2.96 No	1.6	Thermal Discharging
TWL078	231	'5234407_/_5234424'	1.8	2.8	10	1.6	4.4	4.37	2.96 No	1.6	Thermal Discharging
TWL078	232	'7705111_/_7705109'	0.63	0.93	3.33	0.53	0.9	1.46	0.99 No	0.53	Thermal Discharging
TWL078	233	'5234822_/_5234819'	0.6	0.93	3.33	0.53	0.5	1.46	0.99 No	0.5	Element Fault
TWL078	234	'5235917_/_5235953'	0.6	0.93	3.33	0.53	1.37	1.49	0.99 No	0.53	Thermal Discharging
TWL078	235	'7704577_/_398899098'	0.6	0.93	3.33	0.53	0.5	1.45	0.99 No	0.5	Element Fault
TWL078	236	'69363149_/_69362890'	1.5	2.4	10	1.6	1.2	4.36	2.96 No	1.2	Element Fault
TWL078	237	'5232875_/_43671407'	0.6	0.93	3.33	0.53	0.5	1.45	0.99 No	0.5	Element Fault
TWL078	238	'43671416_/_5234932'	1.2	1.87	6.67	1.07	1	2.89	1.97 No	1	Element Fault
TWL078	239	'5229774_/_43669538'	1.9	2.8	10	1.6	4.1	4.35	2.96 No	1.6	Thermal Discharging
TWL078	240	'37902837_/_398899421'	1.9	2.8	10	1.6	4.1	4.35	2.96 No	1.6	Thermal Discharging
TWL078	241	'37902830_/_37902834'	1.9	2.8	10	1.6	4.1	4.35	2.96 No	1.6	Thermal Discharging
TWL078	242	'37902823_/_37902827'	1.9	2.8	10	1.6	4.1	4.33	2.96 No	1.6	Thermal Discharging
TWL078	243	'7392223_/_157022314'	1.4	2.2	10	1.6	4.8	4.32	2.96 No	1.4	Primary Over-Voltage
TWL078	244	'404194724_/_404194721'	1.4	2.2	10	1.6	4.8	4.32	2.96 No	1.4	Primary Over-Voltage
TWL078	245	'8024487_/_8024484_1'	1.4	2.2	10	1.6	4.8	4.32	2.96 No	1.4	Primary Over-Voltage
TWL078	246	'404007115_/_404007112'	1.4	2.2	10	1.6	4.8	4.32	2.96 No	1.4	Primary Over-Voltage
TWL078	247	'37902305_/_37902302_2'	1.4	2.2	10	1.6	4.8	4.32	2.96 No	1.4	Primary Over-Voltage
TWL078	248	'37902312_/_37902309'	1.8	2.7	10	1.6	2.1	4.32	2.96 No	1.6	Thermal Discharging
TWL078	249	'37902298_/_8342015'	0.6	0.9	3.33	0.53	0.5	1.43	0.99 No	0.5	Element Fault
TWL078	250	'404007114_/_37902302_1'	0.6	0.9	3.33	0.53	0.5	1.43	0.99 No	0.5	Element Fault
TWL078	251	'7391522_/_405658186'	0.47	0.8	3.33	0.53	0.5	1.47	0.99 No	0.47	Primary Over-Voltage
TWL078	252	'43671521_/_5235124'	0.6	0.9	3.33	0.53	0.5	1.43	0.99 No	0.5	Element Fault
TWL078	253	'5235929_/_5235927'	0.6	0.9	3.33	0.53	0.5	1.42	0.99 No	0.5	Element Fault
TWL078	254	'5234179_/_43670832'	1.6	2.7	10	1.6	4.9	4.32	2.96 No	1.6	Primary Over-Voltage
TWL078	255	'43671292_/_43671294'	1.6	2.7	10	1.6	4.9	4.32	2.96 No	1.6	Primary Over-Voltage
TWL078	256	'5232862_/_43670799'	1.6	2.7	10	1.6	4.9	4.32	2.96 No	1.6	Primary Over-Voltage
TWL078	257	'37902655_/_9597469'	1.6	2.7	10	1.6	4.9	4.32	2.96 No	1.6	Primary Over-Voltage
TWL078	258	'37902662_/_37902659'	1.6	2.7	10	1.6	4.9	4.32	2.96 No	1.6	Primary Over-Voltage
TWL078	259	'37902683_/_37902687'	1.6	2.7	10	1.6	4.9	4.3	2.96 No	1.6	Primary Over-Voltage
TWL078	260	'37902669_/_37902666'	1.6	2.7	10	1.6	1.2	4.28	2.96 No	1.2	Element Fault
TWL078	261	'37902697_/_37902694'	0.53	0.9	3.33	0.53	0.5	1.46	0.99 No	0.5	Element Fault
TWL078	262	'8968204_/_8968201'	1.9	2.7	10	1.6	4.1	4.25	2.96 No	1.6	Thermal Discharging
TWL078	263	'7392222_/_419207674'	1.9	2.7	10	1.6	4.1	4.25	2.96 No	1.6	Thermal Discharging
TWL078	264	'37902725_/_398899630'	1.9	2.7	10	1.6	4.1	4.25	2.96 No	1.6	Thermal Discharging
TWL078	265	'37902753_/_37902750'	1.9	2.7	10	1.6	4.1	4.25	2.96 No	1.6	Thermal Discharging
TWL078	266	'7391491_/_275261029'	0.6	0.9	3.33	0.53	0.5	1.41	0.99 No	0.5	Element Fault
TWL078	267	'37902718_/_37902722'	0.6	0.9	3.33	0.53	0.9	1.4	0.99 No	0.53	Thermal Discharging
TWL078	268	'37902711_/_37902715'	0.6	0.9	3.33	0.53	0.5	1.4	0.99 No	0.5	Element Fault
TWL078	269	'7705441_/_7705439'	1.7	2.7	10	1.6	4.4	4.21	2.96 No	1.6	Thermal Discharging
TWL078	270	'5229967_/_43669549'	0.57	0.9	3.33	0.53	0.3	1.4	0.99 No	0.3	Element Fault
TWL078	271	'5234838_/_5234835'	1.8	2.7	10	1.6	2.1	4.2	2.96 No	1.6	Thermal Discharging
TWL078	272	'5232876_/_5232873'	0.57	0.9	3.33	0.53	1.4	1.39	0.99 No	0.53	Thermal Discharging
TWL078	273	'8968539_/_8968537'	0.6	0.9	3.33	0.53	0.5	1.39	0.99 No	0.5	Element Fault
TWL078	274	'156297928_/_9282691_1'	1.7	2.7	10	1.6	1.6	4.19	2.96 No	1.6	Thermal Discharging
TWL078	275	'5234387_/_5234404'	1.6	2.6	10	1.6	1.2	4.2	2.96 No	1.2	Element Fault
TWL078	276	'8342509_/_77450740'	0.57	0.87	3.33	0.53	1.4	1.38	0.99 No	0.53	Thermal Discharging
TWL078	277	'5233187_/_43671418'	1.4	2.2	10	1.6	4.8	4.15	2.96 No	1.4	Primary Over-Voltage
TWL078	278	'75844962_/_75844942_1'	1.4	2.2	10	1.6	4.8	4.15	2.96 No	1.4	Primary Over-Voltage
TWL078	279	'435110668_/_419207655'	1.4	2.2	10	1.6	4.8	4.15	2.96 No	1.4	Primary Over-Voltage
TWL078	280	'9283204_/_77450771'	1.4	2.2	10	1.6	4.8	4.15	2.96 No	1.4	Primary Over-Voltage
TWL078	281	'37902340_/_9282791'	1.4	2.2	10	1.6	4.8	4.15	2.96 No	1.4	Primary Over-Voltage
TWL078	282	'404007188_/_404007185'	1.5	2.6	10	1.6	4.9	4.19	2.96 No	1.5	Primary Over-Voltage
TWL078	283	'37902347_/_37902344_2'	0.57	0.87	3.33	0.53	0.5	1.38	0.99 No	0.5	Element Fault
TWL078	284	'37902354_/_37902351'	1.7	2.6	10	1.6	1.6	4.13	2.96 No	1.6	Thermal Discharging
TWL078	285	'404007187_/_37902344_1'	1.7	2.6	10	1.6	2.1	4.11	2.96 No	1.6	Thermal Discharging
TWL078	286	'415992922_/_415992942'	0.57	0.87	3.33	0.53	0.5	1.37	0.99 No	0.5	Element Fault
TWL078	287	'7704727_/_7704725'	1.6	2.6	10	1.6	1.2	4.12	2.96 No	1.2	Element Fault
TWL078	288	'43670819_/_5232860'	0.6	0.87	3.33	0.53	0.9	1.36	0.99 No	0.53	Thermal Discharging
TWL078	289	'75844935_/_75844942_2'	0.57	0.87	3.33	0.53	0.5	1.36	0.99 No	0.5	Element Fault
TWL078	290	'5235110_/_5235107'	0.57	0.87	3.33	0.53	0.5	1.35	0.99 No	0.5	Element Fault
TWL078	291	'5235891_/_5235901'	1.8	2.6	10	1.6	4.1	4.05	2.96 No	1.6	Thermal Discharging
TWL078	292	'43671427_/_5234848'	1.5	2.6	10	1.6	1.2	4.09	2.96 No	1.2	Element Fault
TWL078	293	'43670841_/_5232886'	1.5	2.6	10	1.6	1.2	4.09	2.96 No	1.2	Element Fault
TWL078	294	'37902522_/_7391848'	1.5	2.6	10	1.6	1.2	4.09	2.96 No	1.2	Element Fault
TWL078	295	'37902515_/_37902519'	1.5	2.6	10	1.6	1.2	4.09	2.96 No	1.2	Element Fault
TWL078	296	'404194293_/_37902512_2'	1.5	2.6	10	1.6	1.2	4.09	2.96 No	1.2	Element Fault

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage	Regulator	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
				Deviation	Deviation					VSR (MW)	Limiting Threshold
TWL078	297	'37902508_/37902512_1'		1.5	2.6	10	1.6	1.2	4.09	2.96 No	1.2 Element Fault
TWL078	298	'404194294_/404194291'		1.1	2	10	1.6	1.2	4.04	2.96 No	1.1 Primary Over-Voltage
TWL078	299	'37902536_/37902540'		0.57	0.87	3.33	0.53	0.3	1.34	0.99 No	0.3 Element Fault
TWL078	300	'8342693_/435110688'		1.7	2.5	10	1.6	2.1	4.02	2.96 No	1.6 Thermal Discharging
TWL078	301	'5233188_/5233185'		0.57	0.83	3.33	0.53	1.37	1.37	0.99 No	0.53 Thermal Discharging
TWL078	302	'8342925_/398899682'		0.57	0.83	3.33	0.53	0.7	1.33	0.99 No	0.53 Thermal Discharging
TWL078	303	'406587712_/398899799_1'		1.4	2.2	10	1.6	4.8	3.99	2.96 No	1.4 Primary Over-Voltage
TWL078	304	'7704510_/9282691_2'		1.5	2.5	10	1.6	1.2	4	2.96 No	1.2 Element Fault
TWL078	305	'8024966_/419207617'		0.53	0.83	3.33	0.53	0.5	1.32	0.99 No	0.5 Element Fault
TWL078	306	'9282897_/9282895'		1.8	2.5	10	1.6	4.1	3.97	2.96 No	1.6 Thermal Discharging
TWL078	307	'43671370_/43671372'		0.57	0.83	3.33	0.53	0.5	1.32	0.99 No	0.5 Element Fault
TWL078	308	'8342107_/398899309'		0.53	0.83	3.33	0.53	0.3	1.32	0.99 No	0.3 Element Fault
TWL078	309	'5234374_/5234371_2'		1.8	2.5	10	1.6	4.1	3.96	2.96 No	1.6 Thermal Discharging
TWL078	310	'8341998_/9282859_2'		0.47	0.83	3.33	0.53	0.5	1.35	0.99 No	0.47 Primary Over-Voltage
TWL078	311	'9283331_/9283329_1'		1.5	2.5	10	1.6	1.2	3.96	2.96 No	1.2 Element Fault
TWL078	312	'43670808_/43670821'		1.4	2.5	10	1.6	1.3	3.98	2.96 No	1.3 Element Fault
TWL078	313	'7706072_/398899657'		0.53	0.83	3.33	0.53	1.4	1.31	0.99 No	0.53 Primary Over-Voltage
TWL078	314	'5235878_/5235888'		1.7	2.5	10	1.6	4.1	3.93	2.96 No	1.6 Thermal Discharging
TWL078	315	'526749165_/493155771_1'		0.53	0.83	3.33	0.53	0.5	1.31	0.99 No	0.5 Element Fault
TWL078	316	'7391474_/275261065'		0.53	0.83	3.33	0.53	0.5	1.3	0.99 No	0.5 Element Fault
TWL078	317	'7792690_/8025578'		1.7	2.5	10	1.6	4.1	3.92	2.96 No	1.6 Thermal Discharging
TWL078	318	'9283240_/77450786'		0.5	0.77	3.33	0.53	0.3	1.3	0.99 No	0.3 Element Fault
TWL078	319	'5232902_/43670843'		1.7	2.5	10	1.6	4.1	3.9	2.96 No	1.6 Thermal Discharging
TWL078	320	'435978802_/419207560'		0.57	0.8	3.33	0.53	0.9	1.29	0.99 No	0.53 Thermal Discharging
TWL078	321	'43670930_/5233198'		0.53	0.8	3.33	0.53	0.3	1.29	0.99 No	0.3 Element Fault
TWL078	322	'7792689_/7792687'		1.7	2.4	10	1.6	4.1	3.87	2.96 No	1.6 Thermal Discharging
TWL078	323	'39666429_/44094159'		0.57	0.8	3.33	0.53	0.5	1.28	0.99 No	0.5 Element Fault
TWL078	324	'8458392_/8458390'		1.6	2.4	10	1.6	2.1	3.87	2.96 No	1.6 Primary Over-Voltage
TWL078	325	'5234864_/43671429'		1.5	2.4	10	1.6	1.2	3.87	2.96 No	1.2 Element Fault
TWL078	326	'9597260_/9597257'		0.53	0.8	3.33	0.53	0.4	1.31	0.99 No	0.4 Element Fault
TWL078	327	'7130111_/7130124_1'		0.53	0.8	3.33	0.53	0.4	1.31	0.99 No	0.4 Element Fault
TWL078	328	'5235146_/5235178'		0.53	0.8	3.33	0.53	0.4	1.31	0.99 No	0.4 Element Fault
TWL078	329	'8649831_/9059599'		0.53	0.8	3.33	0.53	0.5	1.28	0.99 No	0.5 Element Fault
TWL078	330	'69362794_/69362828'		0.53	0.8	3.33	0.53	0.5	1.28	0.99 No	0.5 Element Fault
TWL078	331	'69362807_/69362804'		0.53	0.8	3.33	0.53	0.5	1.27	0.99 No	0.5 Element Fault
TWL078	332	'69362818_/69362822'		0.53	0.8	3.33	0.53	0.4	1.3	0.99 No	0.4 Element Fault
TWL078	333	'43671281_/5235875'		0.53	0.8	3.33	0.53	0.4	1.3	0.99 No	0.4 Element Fault
TWL078	334	'5234361_/5234371_1'		0.53	0.8	3.33	0.53	0.5	1.27	0.99 No	0.5 Element Fault
TWL078	335	'5235002_/7130124_2'		0.53	0.8	3.33	0.53	0.9	1.26	0.99 No	0.53 Primary Over-Voltage
TWL078	336	'69362831_/69362918'		0.53	0.8	3.33	0.53	1.6	1.29	0.99 No	0.53 Primary Over-Voltage
TWL078	337	'69362795_/69362792'		1.4	2.4	10	1.6	1.2	3.83	2.96 No	1.2 Element Fault
TWL078	338	'5232915_/5232912'		0.5	0.8	3.33	0.53	0.3	1.26	0.99 No	0.3 Element Fault
TWL078	339	'43671460_/5234874'		0.53	0.8	3.33	0.53	1.6	1.29	0.99 No	0.53 Primary Over-Voltage
TWL078	340	'5230503_/8024136'		0.53	0.8	3.33	0.53	0.5	1.26	0.99 No	0.5 Element Fault
TWL078	341	'7391194_/152192921'		0.5	0.8	3.33	0.53	1.6	1.29	0.99 No	0.5 Primary Over-Voltage
TWL078	342	'7704525_/7704539'		0.47	0.8	3.33	0.53	0.5	1.29	0.99 No	0.47 Primary Over-Voltage
TWL078	343	'5233214_/43670932'		0.53	0.8	3.33	0.53	0.5	1.26	0.99 No	0.5 Element Fault
TWL078	344	'435978756_/435978820'		0.5	0.8	3.33	0.53	0.4	1.28	0.99 No	0.4 Element Fault
TWL078	345	'7704526_/7704523'		0.5	0.77	3.33	0.53	1.37	1.28	0.99 No	0.5 Primary Over-Voltage
TWL078	346	'8955296_/447904279'		0.53	0.77	3.33	0.53	0.5	1.24	0.99 No	0.5 Element Fault
TWL078	347	'5234461_/5234458'		0.5	0.77	3.33	0.53	0.5	1.28	0.99 No	0.5 Primary Over-Voltage
TWL078	348	'91626689_/69362943'		1.5	2.3	10	1.6	2.1	3.73	2.96 No	1.5 Primary Over-Voltage
TWL078	349	'8649659_/504627204'		1.4	2.3	10	1.6	1.2	3.73	2.96 No	1.2 Element Fault
TWL078	350	'51798668_/398899196'		0.53	0.77	3.33	0.53	0.5	1.24	0.99 No	0.5 Element Fault
TWL078	351	'5235003_/5235000'		0.53	0.77	3.33	0.53	0.9	1.23	0.99 No	0.53 Primary Over-Voltage
TWL078	352	'43669879_/43669881'		0.53	0.77	3.33	0.53	0.5	1.23	0.99 No	0.5 Element Fault
TWL078	353	'8968988_/9597449'		0.5	0.77	3.33	0.53	0.7	1.24	0.99 No	0.5 Primary Over-Voltage
TWL078	354	'5235147_/5235144'		0.5	0.77	3.33	0.53	0.5	1.23	0.99 No	0.5 Primary Over-Voltage
TWL078	355	'52241027_/435978776'		0.53	0.77	3.33	0.53	0.5	1.23	0.99 No	0.5 Element Fault
TWL078	356	'5234348_/5234358'		0.5	0.77	3.33	0.53	0.3	1.23	0.99 No	0.3 Element Fault
TWL078	357	'5234893_/43671462'		0.5	0.77	3.33	0.53	0.4	1.26	0.99 No	0.4 Element Fault
TWL078	358	'5235852_/5235862'		0.5	0.77	3.33	0.53	1.6	1.25	0.99 No	0.5 Primary Over-Voltage
TWL078	359	'7705462_/7705459_2'		0.5	0.77	3.33	0.53	1.37	1.25	0.99 No	0.5 Primary Over-Voltage
TWL078	360	'43670852_/5232928'		0.5	0.77	3.33	0.53	0.5	1.22	0.99 No	0.5 Primary Over-Voltage
TWL078	361	'5235016_/5235013'		0.5	0.77	3.33	0.53	0.5	1.25	0.99 No	0.5 Primary Over-Voltage
TWL078	362	'7705039_/69362991'		0.5	0.77	3.33	0.53	0.5	1.25	0.99 No	0.5 Primary Over-Voltage
TWL078	363	'37902165_/37902169'		0.5	0.77	3.33	0.53	0.5	1.25	0.99 No	0.5 Primary Over-Voltage
TWL078	364	'396917472_/396917469'		1.4	2.3	10	1.6	1.2	3.67	2.96 No	1.2 Element Fault
TWL078	365	'5233227_/5233224'		0.5	0.77	3.33	0.53	0.5	1.21	0.99 No	0.5 Primary Over-Voltage
TWL078	366	'5230461_/5230500'		0.5	0.77	3.33	0.53	0.5	1.21	0.99 No	0.5 Primary Over-Voltage
TWL078	367	'5230558_/7391208_1'		0.53	0.77	3.33	0.53	0.9	1.21	0.99 No	0.53 Primary Over-Voltage
TWL078	368	'43669901_/7391208_2'		0.5	0.77	3.33	0.53	0.5	1.23	0.99 No	0.5 Primary Over-Voltage
TWL078	369	'52240962_/52241034'		1.3	2.3	10	1.6	1.2	3.66	2.96 No	1.2 Element Fault
TWL078	370	'5235839_/5235849'		0.5	0.77	3.33	0.53	1.37	1.23	0.99 No	0.5 Primary Over-Voltage
TWL078	371	'5234347_/5234345'		0.5	0.77	3.33	0.53	0.5	1.2	0.99 No	0.5 Primary Over-Voltage
TWL078	372	'5234906_/5234903'		0.5	0.77	3.33	0.53	0.5	1.23	0.99 No	0.5 Primary Over-Voltage
TWL078	373	'5230490_/5230487'		1.5	2.3	10	1.6	2.1	3.62	2.96 No	1.5 Primary Over-Voltage
TWL078	374	'7392358_/7392356'		1.5	2.2	10	1.6	2.1	3.61	2.96 No	1.5 Primary Over-Voltage
TWL078	375	'404007258_/404007255'		0.5	0.73	3.33	0.53	0.4	1.23	0.99 No	0.4 Element Fault
TWL078	376	'43671325_/5234471'		0.43	0.73	3.33	0.53	1.63	1.23	0.99 No	0.43 Primary Over-Voltage
TWL078	377	'5230448_/5230458'		0.5	0.73	3.33	0.53	0.5	1.2	0.99 No	0.5 Primary Over-Voltage
TWL078	378	'5234499_/5235161'		1.3	2.2	10	1.6	1.2	3.61	2.96 No	1.2 Element Fault
TWL078	379	'433342405_/433342471_2'		0.5	0.73	3.33	0.53	1.37	1.22	0.99 No	0.5 Primary Over-Voltage
TWL078	380	'51798656_/398899168'		0.5	0.73	3.33	0.53	0.5	1.19	0.99 No	0.5 Primary Over-Voltage
TWL078	381	'8025086_/9283657'		0.5	0.73	3.33	0.53	0.5	1.19	0.99 No	0.5 Primary Over-Voltage
TWL078	382	'7705461_/7705459_1'		0.5	0.73	3.33	0.53	0.5	1.19	0.99 No	0.5 Primary Over-Voltage
TWL078	383	'37902410_/37902414'		0.47	0.73	3.33	0.53	1.37	1.22	0.99 No	0.47 Primary Over-Voltage
TWL078	384	'5235032_/5235029'		0.5	0.73	3.33	0.53	0.5	1.18	0.99 No	0.5 Primary Over-Voltage
TWL078	385	'8649643_/504627195'		0.5	0.73	3.33	0.53	0.5	1.19	0.99 No	0.5 Primary Over-Voltage
TWL078	386	'5232944_/43670854'		0.5	0.73	3.33	0.53	1.6	1.21	0.99 No	0.5 Primary Over-Voltage
TWL078	387	'7392359_/8968985'		0.47	0.73	3.33	0.53	1.37	1.21	0.99 No	0.47 Primary Over-Voltage
TWL078	388	'7705665_/419207541'		1.4	2.2	10	1.6	2.1	3.56	2.96 No	1.4 Primary Over-Voltage
TWL078	389	'5234543_/5234553'		0.47	0.73	3.33	0.53	0.5	1.21	0.99 No	0.47 Primary Over-Voltage
TWL078	390	'407296865_/51798725_1'		0.47	0.73	3.33	0.53	0.5	1.21	0.99 No	0.47 Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TWL078	391	'43670919_/_5233237'	0.47	0.73	3.33	0.53	1.6	1.2	0.99 No	0.47	Primary Over-Voltage
TWL078	392	'5234569_/_5234566'	0.47	0.73	3.33	0.53	0.5	1.17	0.99 No	0.47	Primary Over-Voltage
TWL078	393	'7392338_/_419207520'	0.5	0.73	3.33	0.53	0.5	1.17	0.99 No	0.5	Primary Over-Voltage
TWL078	394	'8955081_/_9282743'	0.47	0.73	3.33	0.53	0.5	1.17	0.99 No	0.47	Primary Over-Voltage
TWL078	395	'51798718_/_51798744'	0.47	0.73	3.33	0.53	0.5	1.2	0.99 No	0.47	Primary Over-Voltage
TWL078	396	'5234500_/_5234497'	0.87	1.47	6.67	1.07	0.8	2.37	1.97 No	0.8	Element Fault
TWL078	397	'5230766_/_9596669_1'	0.47	0.73	3.33	0.53	0.7	1.18	0.99 No	0.47	Primary Over-Voltage
TWL078	398	'43669989_/_9596669_2'	1.3	2.2	10	1.6	1.2	3.54	2.96 No	1.2	Element Fault
TWL078	399	'8342017_/_8955079'	0.5	0.73	3.33	0.53	0.5	1.17	0.99 No	0.5	Primary Over-Voltage
TWL078	400	'111853069_/_5232954_1'	0.5	0.73	3.33	0.53	0.5	1.17	0.99 No	0.5	Primary Over-Voltage
TWL078	401	'43671314_/_43671316'	0.5	0.73	3.33	0.53	0.5	1.17	0.99 No	0.5	Primary Over-Voltage
TWL078	402	'5232957_/_5232954_2'	1.3	2.2	10	1.6	1.2	3.51	2.96 No	1.2	Element Fault
TWL078	403	'5230435_/_5230445'	0.47	0.73	3.33	0.53	0.5	1.19	0.99 No	0.47	Primary Over-Voltage
TWL078	404	'7392070_/_8969275_2'	1.3	2.2	10	1.6	1.2	3.52	2.96 No	1.2	Element Fault
TWL078	405	'5234594_/_5234579'	0.5	0.73	3.33	0.53	0.9	1.16	0.99 No	0.5	Primary Over-Voltage
TWL078	406	'43671337_/_43671327'	1.4	2.2	10	1.6	2.1	3.5	2.96 No	1.4	Primary Over-Voltage
TWL078	407	'5234530_/_5234540'	0.5	0.73	3.33	0.53	1.37	1.18	0.99 No	0.5	Primary Over-Voltage
TWL078	408	'43669912_/_43669914'	0.47	0.73	3.33	0.53	0.5	1.15	0.99 No	0.47	Primary Over-Voltage
TWL078	409	'5243423_/_5243420'	0.5	0.73	3.33	0.53	0.5	1.15	0.99 No	0.5	Primary Over-Voltage
TWL078	410	'5243523_/_5243520'	0.5	0.73	3.33	0.53	0.5	1.15	0.99 No	0.5	Primary Over-Voltage
TWL078	411	'406588034_/_406588028'	0.5	0.73	3.33	0.53	0.5	1.15	0.99 No	0.5	Primary Over-Voltage
TWL078	412	'5233109_/_43670921'	0.5	0.7	3.33	0.53	0.5	1.15	0.99 No	0.5	Primary Over-Voltage
TWL078	413	'5234595_/_5234592'	0.47	0.7	3.33	0.53	1.6	1.17	0.99 No	0.47	Primary Over-Voltage
TWL078	414	'5234620_/_5234618'	0.47	0.7	3.33	0.53	0.5	1.17	0.99 No	0.47	Primary Over-Voltage
TWL078	415	'43671348_/_5234605'	0.47	0.7	3.33	0.53	0.4	1.16	0.99 No	0.4	Element Fault
TWL078	416	'5234517_/_5234527'	1.6	2.1	10	1.6	4.1	3.41	2.96 No	1.6	Primary Over-Voltage
TWL078	417	'37902326_/_37902330'	0.47	0.7	3.33	0.53	0.5	1.13	0.99 No	0.47	Primary Over-Voltage
TWL078	418	'43670000_/_43670002'	1.6	2.1	10	1.6	4.1	3.41	2.96 No	1.6	Primary Over-Voltage
TWL078	419	'8968279_/_69363029'	0.47	0.7	3.33	0.53	1.6	1.16	0.99 No	0.47	Primary Over-Voltage
TWL078	420	'5235706_/_5235823'	0.47	0.7	3.33	0.53	0.5	1.16	0.99 No	0.47	Primary Over-Voltage
TWL078	421	'8341965_/_8341963_2'	0.5	0.7	3.33	0.53	0.9	1.13	0.99 No	0.5	Primary Over-Voltage
TWL078	422	'5231058_/_8341963_1'	0.47	0.7	3.33	0.53	0.3	1.13	0.99 No	0.3	Element Fault
TWL078	423	'43672633_/_5243433'	0.47	0.7	3.33	0.53	0.5	1.16	0.99 No	0.47	Primary Over-Voltage
TWL078	424	'5234487_/_43671339'	1.4	2.1	10	1.6	1.5	3.41	2.96 No	1.4	Primary Over-Voltage
TWL078	425	'43669890_/_43669892'	0.5	0.7	3.33	0.53	1.37	1.15	0.99 No	0.5	Primary Over-Voltage
TWL078	426	'56934253_/_8649829'	0.47	0.7	3.33	0.53	0.5	1.12	0.99 No	0.47	Primary Over-Voltage
TWL078	427	'56934287_/_56934319'	0.47	0.7	3.33	0.53	0.5	1.13	0.99 No	0.47	Primary Over-Voltage
TWL078	428	'433342453_/_433342471_1'	0.47	0.7	3.33	0.53	0.5	1.15	0.99 No	0.47	Primary Over-Voltage
TWL078	429	'37902739_/_37902743'	0.47	0.7	3.33	0.53	0.3	1.13	0.99 No	0.3	Element Fault
TWL078	430	'43670908_/_5233107'	0.47	0.7	3.33	0.53	0.5	1.13	0.99 No	0.47	Primary Over-Voltage
TWL078	431	'5230529_/_5230542'	0.47	0.7	3.33	0.53	1.37	1.15	0.99 No	0.47	Primary Over-Voltage
TWL078	432	'5234315_/_5234514'	0.47	0.7	3.33	0.53	0.5	1.12	0.99 No	0.47	Primary Over-Voltage
TWL078	433	'5234673_/_5234683'	0.47	0.7	3.33	0.53	0.5	1.13	0.99 No	0.47	Primary Over-Voltage
TWL078	434	'37902851_/_37902855'	0.47	0.7	3.33	0.53	0.5	1.12	0.99 No	0.47	Primary Over-Voltage
TWL078	435	'5234647_/_5234657'	0.47	0.7	3.33	0.53	0.5	1.13	0.99 No	0.47	Primary Over-Voltage
TWL078	436	'8343145_/_8969275_1'	0.47	0.7	3.33	0.53	0.9	1.1	0.99 No	0.47	Primary Over-Voltage
TWL078	437	'5235693_/_5235703'	0.43	0.7	3.33	0.53	0.5	1.13	0.99 No	0.43	Primary Over-Voltage
TWL078	438	'5230740_/_5230750'	0.47	0.7	3.33	0.53	0.5	1.1	0.99 No	0.47	Primary Over-Voltage
TWL078	439	'5243449_/_43672635'	0.47	0.7	3.33	0.53	0.5	1.1	0.99 No	0.47	Primary Over-Voltage
TWL078	440	'5230434_/_5230432'	0.47	0.67	3.33	0.53	0.3	1.1	0.99 No	0.3	Element Fault
TWL078	441	'7392727_/_7392724_1'	0.47	0.67	3.33	0.53	0.5	1.1	0.99 No	0.47	Primary Over-Voltage
TWL078	442	'5234646_/_5234644'	0.43	0.67	3.33	0.53	0.5	1.12	0.99 No	0.43	Primary Over-Voltage
TWL078	443	'5229809_/_5234312'	0.43	0.67	3.33	0.53	1.6	1.12	0.99 No	0.43	Primary Over-Voltage
TWL078	444	'5234672_/_5234670'	1.3	2	10	1.6	1.5	3.3	2.96 No	1.3	Primary Over-Voltage
TWL078	445	'43670088_/_5231055'	0.47	0.67	3.33	0.53	0.5	1.09	0.99 No	0.47	Primary Over-Voltage
TWL078	446	'37902368_/_37902372'	0.47	0.67	3.33	0.53	0.5	1.09	0.99 No	0.47	Primary Over-Voltage
TWL078	447	'7517059_/_421905795'	0.43	0.67	3.33	0.53	0.5	1.11	0.99 No	0.43	Primary Over-Voltage
TWL078	448	'5233123_/_43670910'	0.43	0.67	3.33	0.53	0.5	1.11	0.99 No	0.43	Primary Over-Voltage
TWL078	449	'5235692_/_5235690'	0.43	0.67	3.33	0.53	0.5	1.11	0.99 No	0.43	Primary Over-Voltage
TWL078	450	'43669923_/_5230526'	0.43	0.67	3.33	0.53	0.5	1.11	0.99 No	0.43	Primary Over-Voltage
TWL078	451	'8342215_/_8649929'	0.47	0.67	3.33	0.53	0.3	1.09	0.99 No	0.3	Element Fault
TWL078	452	'5231479_/_9282775_1'	0.47	0.67	3.33	0.53	0.3	1.08	0.99 No	0.3	Element Fault
TWL078	453	'405088909_/_9282775_2'	0.43	0.67	3.33	0.53	0.5	1.09	0.99 No	0.43	Primary Over-Voltage
TWL078	454	'5231086_/_5231126'	0.47	0.67	3.33	0.53	0.5	1.08	0.99 No	0.47	Primary Over-Voltage
TWL078	455	'43669525_/_5229822'	0.47	0.67	3.33	0.53	0.5	1.08	0.99 No	0.47	Primary Over-Voltage
TWL078	456	'5229808_/_5229806'	0.43	0.67	3.33	0.53	0.5	1.1	0.99 No	0.43	Primary Over-Voltage
TWL078	457	'8343146_/_8343143'	0.43	0.67	3.33	0.53	0.3	1.08	0.99 No	0.3	Element Fault
TWL078	458	'5237705_/_5237703'	0.47	0.67	3.33	0.53	0.5	1.07	0.99 No	0.47	Primary Over-Voltage
TWL078	459	'5237562_/_5237560'	0.43	0.67	3.33	0.53	0.5	1.09	0.99 No	0.43	Primary Over-Voltage
TWL078	460	'5231087_/_5231084'	0.43	0.67	3.33	0.53	0.5	1.09	0.99 No	0.43	Primary Over-Voltage
TWL078	461	'9283468_/_9283465'	0.43	0.67	3.33	0.53	0.5	1.06	0.99 No	0.43	Primary Over-Voltage
TWL078	462	'5237680_/_5237820'	0.43	0.67	3.33	0.53	0.5	1.09	0.99 No	0.43	Primary Over-Voltage
TWL078	463	'5231071_/_5231113'	1.1	2	10	1.6	1.2	3.22	2.96 No	1.1	Primary Over-Voltage
TWL078	464	'5230727_/_5230737'	0.43	0.67	3.33	0.53	0.5	1.06	0.99 No	0.43	Primary Over-Voltage
TWL078	465	'5233136_/_5233133'	0.43	0.67	3.33	0.53	0.5	1.06	0.99 No	0.43	Primary Over-Voltage
TWL078	466	'5231100_/_5231097'	0.43	0.67	3.33	0.53	0.5	1.06	0.99 No	0.43	Primary Over-Voltage
TWL078	467	'43669514_/_5235810'	0.43	0.67	3.33	0.53	0.3	1.06	0.99 No	0.3	Element Fault
TWL078	468	'5243462_/_5243459'	0.47	0.67	3.33	0.53	0.9	1.06	0.99 No	0.47	Primary Over-Voltage
TWL078	469	'5237692_/_5237690'	0.47	0.67	3.33	0.53	0.9	1.06	0.99 No	0.47	Primary Over-Voltage
TWL078	470	'5237667_/_5237677'	0.47	0.67	3.33	0.53	0.9	1.06	0.99 No	0.47	Primary Over-Voltage
TWL078	471	'5229851_/_5229861'	0.43	0.67	3.33	0.53	0.5	1.08	0.99 No	0.43	Primary Over-Voltage
TWL078	472	'7130082_/_7130095_1'	1.3	2	10	1.6	1.5	3.17	2.96 No	1.3	Primary Over-Voltage
TWL078	473	'5231032_/_5231042'	0.43	0.67	3.33	0.53	0.5	1.07	0.99 No	0.43	Primary Over-Voltage
TWL078	474	'40980379_/_421905848'	0.47	0.63	3.33	0.53	0.9	1.05	0.99 No	0.47	Primary Over-Voltage
TWL078	475	'43669922_/_5230513'	1.3	1.9	10	1.6	1.5	3.16	2.96 No	1.3	Primary Over-Voltage
TWL078	476	'7494526_/_91627555'	0.47	0.63	3.33	0.53	0.9	1.05	0.99 No	0.47	Primary Over-Voltage
TWL078	477	'5243478_/_5243475'	0.43	0.63	3.33	0.53	0.5	1.05	0.99 No	0.43	Primary Over-Voltage
TWL078	478	'5237654_/_5237664'	0.47	0.63	3.33	0.53	0.5	1.04	0.99 No	0.47	Primary Over-Voltage
TWL078	479	'7392726_/_7392724_2'	1.3	1.9	10	1.6	1.5	3.14	2.96 No	1.3	Primary Over-Voltage
TWL078	480	'5243490_/_7130095_2'	0.43	0.63	3.33	0.53	0.3	1.04	0.99 No	0.3	Element Fault
TWL078	481	'5243313_/_5243504'	0.43	0.63	3.33	0.53	0.3	1.03	0.99 No	0.3	Element Fault
TWL078	482	'8025418_/_9073313'	1.3	1.9	10	1.6	1.5	3.12	2.96 No	1.3	Primary Over-Voltage
TWL078	483	'7130140_/_7130137_2'	0.43	0.63	3.33	0.53	0.5	1.05	0.99 No	0.43	Primary Over-Voltage
TWL078	484	'5229838_/_5229848'	0.43	0.63	3.33	0.53	0.5	1.05	0.99 No	0.43	Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TWL078	485	'5234130_/_5233146'	0.47	0.63	3.33	0.53	0.5	1.03	0.99 No	0.47	Primary Over-Voltage
TWL078	486	'43669934_/_43669936'	0.43	0.63	3.33	0.53	0.5	1.03	0.99 No	0.43	Primary Over-Voltage
TWL078	487	'43670099_/_43670101'	0.43	0.63	3.33	0.53	0.3	1.03	0.99 No	0.3	Element Fault
TWL078	488	'5235680_/_5235797'	0.43	0.63	3.33	0.53	0.5	1.02	0.99 No	0.43	Primary Over-Voltage
TWL078	489	'5229837_/_5229835'	0.4	0.63	3.33	0.53	0.5	1.04	0.99 No	0.4	Primary Over-Voltage
TWL078	490	'5243285_/_7130137_1'	0.43	0.63	3.33	0.53	0.9	1.02	0.99 No	0.43	Primary Over-Voltage
TWL078	491	'5243491_/_5243488'	0.43	0.63	3.33	0.53	0.5	1.02	0.99 No	0.43	Primary Over-Voltage
TWL078	492	'43670077_/_5231029'	0.43	0.63	3.33	0.53	0.5	1.02	0.99 No	0.43	Primary Over-Voltage
TWL078	493	'5237732_/_5237729'	0.43	0.63	3.33	0.53	0.5	1.02	0.99 No	0.43	Primary Over-Voltage
TWL078	494	'5243284_/_5243282'	0.43	0.63	3.33	0.53	0.5	1.02	0.99 No	0.43	Primary Over-Voltage
TWL078	495	'5237641_/_5237651'	0.43	0.63	3.33	0.53	0.5	1.01	0.99 No	0.43	Primary Over-Voltage
TWL078	496	'43672128_/_5243311'	0.43	0.63	3.33	0.53	0.5	1.01	0.99 No	0.43	Primary Over-Voltage
TWL078	497	'5235667_/_5235677'	0.43	0.63	3.33	0.53	0.5	1.01	0.99 No	0.43	Primary Over-Voltage
TWL078	498	'5242442_/_43672141_1'	0.43	0.63	3.33	0.53	0.5	1.01	0.99 No	0.43	Primary Over-Voltage
TWL078	499	'8343098_/_8650203_1'	0.43	0.63	3.33	0.53	0.5	1	0.99 No	0.43	Primary Over-Voltage
TWL078	500	'5237745_/_5237742'	0.43	0.63	3.33	0.53	0.3	1	0.99 No	0.3	Element Fault
TWL078	501	'5242455_/_43672141_2'	0.43	0.63	3.33	0.53	0.5	1	0.99 No	0.43	Primary Over-Voltage
TWL078	502	'5237848_/_5237872'	0.4	0.6	3.33	0.53	0.5	1.02	0.99 No	0.4	Primary Over-Voltage
TWL078	503	'43671812_/_5238207'	0.43	0.6	3.33	0.53	0.3	1	0.99 No	0.3	Element Fault
TWL078	504	'5230571_/_5230581'	0.4	0.6	3.33	0.53	0.5	1.02	0.99 No	0.4	Primary Over-Voltage
TWL078	505	'5231070_/_5231068'	0.4	0.6	3.33	0.53	0.5	1	0.99 No	0.4	Primary Over-Voltage
TWL078	506	'5237849_/_5237846'	0.4	0.6	3.33	0.53	0.5	1	0.99 No	0.4	Primary Over-Voltage
TWL078	507	'5237758_/_5237755'	0.4	0.6	3.33	0.53	0.5	1	0.99 No	0.4	Primary Over-Voltage
TWL078	508	'8650205_/_8650203_2'	0.4	0.6	3.33	0.53	0.5	0.99	0.99 No	0.4	Primary Over-Voltage
TWL078	509	'43672587_/_43672589'	0.43	0.6	3.33	0.53	0.5	0.99	0.99 No	0.43	Primary Over-Voltage
TWL078	510	'5237628_/_5237638'	0.43	0.6	3.33	0.53	0.5	0.99	0.99 No	0.43	Primary Over-Voltage
TWL078	511	'9283819_/_5242753_1'	0.43	0.6	3.33	0.53	0.5	0.99	0.99 No	0.43	Primary Over-Voltage
TWL078	512	'5235654_/_5235664'	0.4	0.6	3.33	0.53	0.5	1.01	0.99 No	0.4	Primary Over-Voltage
TWL078	513	'8969293_/_8969291'	0.43	0.6	3.33	0.53	0.5	0.98	0.99 No	0.43	Primary Over-Voltage
TWL078	514	'5231006_/_5231016'	0.43	0.6	3.33	0.53	0.3	0.98	0.99 No	0.3	Element Fault
TWL078	515	'5243259_/_5243269'	0.43	0.6	3.33	0.53	0.3	0.98	0.99 No	0.3	Element Fault
TWL078	516	'5237615_/_5237625'	0.4	0.6	3.33	0.53	0.5	0.99	0.99 No	0.4	Primary Over-Voltage
TWL078	517	'7392659_/_7392656_2'	0.43	0.6	3.33	0.53	0.3	0.98	0.99 No	0.3	Element Fault
TWL078	518	'8025330_/_9283849'	0.4	0.6	3.33	0.53	0.5	0.98	0.99 No	0.4	Primary Over-Voltage
TWL078	519	'7392658_/_7392656_1'	0.4	0.6	3.33	0.53	0.5	0.98	0.99 No	0.4	Primary Over-Voltage
TWL078	520	'5242756_/_5242753_2'	0.4	0.6	3.33	0.53	0.5	0.99	0.99 No	0.4	Primary Over-Voltage
TWL078	521	'5237771_/_5237768'	0.43	0.6	3.33	0.53	0.5	0.97	0.99 No	0.43	Primary Over-Voltage
TWL078	522	'5242810_/_5242808_1'	0.4	0.6	3.33	0.53	1.37	0.99	0.99 No	0.4	Primary Over-Voltage
TWL078	523	'5234737_/_5237859'	0.4	0.6	3.33	0.53	0.3	0.97	0.99 No	0.3	Element Fault
TWL078	524	'5230993_/_5231003'	0.4	0.6	3.33	0.53	0.5	0.99	0.99 No	0.4	Primary Over-Voltage
TWL078	525	'422753276_/_409577819_2'	0.43	0.6	3.33	0.53	0.3	0.97	0.99 No	0.3	Element Fault
TWL078	526	'5230570_/_5230568'	0.43	0.6	3.33	0.53	0.5	0.97	0.99 No	0.43	Primary Over-Voltage
TWL078	527	'5237302_/_5238194'	0.4	0.6	3.33	0.53	0.5	0.97	0.99 No	0.4	Primary Over-Voltage
TWL078	528	'5243246_/_5243256'	0.4	0.6	3.33	0.53	0.5	0.97	0.99 No	0.4	Primary Over-Voltage
TWL078	529	'5237784_/_5237781'	0.4	0.6	3.33	0.53	0.5	0.97	0.99 No	0.4	Primary Over-Voltage
TWL078	530	'5237602_/_5237612'	0.4	0.6	3.33	0.53	0.3	0.96	0.99 No	0.3	Element Fault
TWL078	531	'43671383_/_5234735'	0.43	0.6	3.33	0.53	0.3	0.96	0.99 No	0.3	Element Fault
TWL078	532	'8968560_/_8968557'	0.4	0.6	3.33	0.53	0.5	0.96	0.99 No	0.4	Primary Over-Voltage
TWL078	533	'5235615_/_5235651'	0.4	0.6	3.33	0.53	0.5	0.98	0.99 No	0.4	Primary Over-Voltage
TWL078	534	'5230977_/_5230990'	0.43	0.6	3.33	0.53	0.3	0.96	0.99 No	0.3	Element Fault
TWL078	535	'5242884_/_5242769'	0.4	0.6	3.33	0.53	0.5	0.96	0.99 No	0.4	Primary Over-Voltage
TWL078	536	'7392626_/_8650219'	0.4	0.6	3.33	0.53	0.5	0.96	0.99 No	0.4	Primary Over-Voltage
TWL078	537	'5242826_/_5242824_1'	0.4	0.6	3.33	0.53	0.5	0.96	0.99 No	0.4	Primary Over-Voltage
TWL078	538	'5237797_/_5237794'	0.4	0.6	3.33	0.53	0.3	0.95	0.99 No	0.3	Element Fault
TWL078	539	'5242811_/_5242808_2'	0.4	0.6	3.33	0.53	0.3	0.95	0.99 No	0.3	Element Fault
TWL078	540	'5237589_/_5237599'	0.4	0.6	3.33	0.53	0.5	0.95	0.99 No	0.4	Primary Over-Voltage
TWL078	541	'43671388_/_43671385'	0.4	0.6	3.33	0.53	0.5	0.95	0.99 No	0.4	Primary Over-Voltage
TWL078	542	'5237301_/_5237299'	0.4	0.6	3.33	0.53	0.3	0.95	0.99 No	0.3	Element Fault
TWL078	543	'5235602_/_5235612'	0.4	0.6	3.33	0.53	0.5	0.95	0.99 No	0.4	Primary Over-Voltage
TWL078	544	'5237810_/_5237807'	0.4	0.57	3.33	0.53	0.3	0.95	0.99 No	0.3	Element Fault
TWL078	545	'35367797_/_5242971'	0.4	0.57	3.33	0.53	0.5	0.95	0.99 No	0.4	Primary Over-Voltage
TWL078	546	'5242973_/_9597643_1'	0.4	0.57	3.33	0.53	0.3	0.95	0.99 No	0.3	Element Fault
TWL078	547	'5230960_/_43670057'	0.37	0.57	3.33	0.53	0.5	0.96	0.99 No	0.37	Primary Over-Voltage
TWL078	548	'5243245_/_43672600'	0.37	0.57	3.33	0.53	0.5	0.96	0.99 No	0.37	Primary Over-Voltage
TWL078	549	'5230976_/_43670068'	0.4	0.57	3.33	0.53	0.5	0.94	0.99 No	0.4	Primary Over-Voltage
TWL078	550	'5235628_/_5235638'	0.4	0.57	3.33	0.53	0.2	0.94	0.99 No	0.2	Element Fault
TWL078	551	'43671753_/_5237586'	0.4	0.57	3.33	0.53	0.5	0.94	0.99 No	0.4	Primary Over-Voltage
TWL078	552	'5237524_/_5237534'	0.4	0.57	3.33	0.53	0.3	0.94	0.99 No	0.3	Element Fault
TWL078	553	'5242827_/_5242824_2'	0.4	0.57	3.33	0.53	0.3	0.94	0.99 No	0.3	Element Fault
TWL078	554	'7392627_/_7392624'	0.4	0.57	3.33	0.53	0.3	0.94	0.99 No	0.3	Element Fault
TWL078	555	'5234698_/_5237833'	0.4	0.57	3.33	0.53	0.5	0.94	0.99 No	0.4	Primary Over-Voltage
TWL078	556	'5242784_/_5242882'	0.4	0.57	3.33	0.53	0.3	0.93	0.99 No	0.3	Element Fault
TWL078	557	'5242842_/_43672515_1'	0.4	0.57	3.33	0.53	0.3	0.93	0.99 No	0.3	Element Fault
TWL078	558	'7392377_/_8342791'	0.4	0.57	3.33	0.53	0.3	0.93	0.99 No	0.3	Element Fault
TWL078	559	'8343050_/_9597643_2'	0.4	0.57	3.33	0.53	0.3	0.93	0.99 No	0.3	Element Fault
TWL078	560	'5242073_/_9597643_3'	0.4	0.57	3.33	0.53	0.3	0.92	0.99 No	0.3	Element Fault
TWL078	561	'43669503_/_5235599'	0.4	0.57	3.33	0.53	0.3	0.92	0.99 No	0.3	Element Fault
TWL078	562	'5242843_/_43672515_2'	0.37	0.57	3.33	0.53	0.5	0.92	0.99 No	0.37	Primary Over-Voltage
TWL078	563	'5234699_/_5234696'	0.4	0.57	3.33	0.53	0.3	0.92	0.99 No	0.3	Element Fault
TWL078	564	'43671742_/_5237521'	0.37	0.57	3.33	0.53	0.3	0.92	0.99 No	0.3	Element Fault
TWL078	565	'43672150_/_43672152'	0.37	0.57	3.33	0.53	0.5	0.92	0.99 No	0.37	Primary Over-Voltage
TWL078	566	'5237576_/_5237716'	0.37	0.57	3.33	0.53	0.2	0.92	0.99 No	0.2	Element Fault
TWL078	567	'5235485_/_5235625'	0.4	0.57	3.33	0.53	0.5	0.91	0.99 No	0.4	Primary Over-Voltage
TWL078	568	'5242086_/_5242083'	0.33	0.57	3.33	0.53	0.4	0.93	0.99 No	0.33	Primary Over-Voltage
TWL078	569	'5242785_/_5242782'	0.4	0.57	3.33	0.53	0.3	0.91	0.99 No	0.3	Element Fault
TWL078	570	'8343282_/_9283933'	0.4	0.57	3.33	0.53	0.3	0.9	0.99 No	0.3	Element Fault
TWL078	571	'5244690_/_5244688_1'	0.4	0.57	3.33	0.53	0.3	0.9	0.99 No	0.3	Element Fault
TWL078	572	'5235484_/_5235482'	0.37	0.57	3.33	0.53	0.2	0.9	0.99 No	0.2	Element Fault
TWL078	573	'5235576_/_5235586'	0.37	0.57	3.33	0.53	0.3	0.9	0.99 No	0.3	Element Fault
TWL078	574	'5237575_/_5237573'	0.37	0.57	3.33	0.53	0.5	0.9	0.99 No	0.37	Primary Over-Voltage
TWL078	575	'43672161_/_43672163'	0.4	0.53	3.33	0.53	0.3	0.9	0.99 No	0.3	Element Fault
TWL078	576	'5242044_/_5242054'	0.4	0.53	3.33	0.53	0.3	0.9	0.99 No	0.3	Element Fault
TWL078	577	'43671741_/_5237547'	0.37	0.53	3.33	0.53	0.3	0.9	0.99 No	0.3	Element Fault
TWL078	578	'5244691_/_5244688_2'	0.4	0.53	3.33	0.53	0.3	0.89	0.99 No	0.3	Element Fault

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TWL078	579	'5242111_/_5242109'	0.4	0.53	3.33	0.53	0.3	0.89	0.99 No	0.3	Element Fault
TWL078	580	'5242798_/_5242795'	0.4	0.53	3.33	0.53	0.5	0.89	0.99 No	0.4	Primary Over-Voltage
TWL078	581	'5242043_/_5242041'	0.4	0.53	3.33	0.53	0.3	0.89	0.99 No	0.3	Element Fault
TWL078	582	'7470875_/_8343295'	0.4	0.53	3.33	0.53	0.3	0.89	0.99 No	0.3	Element Fault
TWL078	583	'9283919_/_9283917_1'	0.37	0.53	3.33	0.53	0.3	0.89	0.99 No	0.3	Element Fault
TWL078	584	'43672845_/_9283917_2'	0.37	0.53	3.33	0.53	0.2	0.88	0.99 No	0.2	Element Fault
TWL078	585	'43671510_/_5235979'	0.37	0.53	3.33	0.53	0.3	0.88	0.99 No	0.3	Element Fault
TWL078	586	'5235563_/_5235573'	0.37	0.53	3.33	0.53	0.3	0.87	0.99 No	0.3	Element Fault
TWL078	587	'5244752_/_5244749_1'	0.37	0.53	3.33	0.53	0.3	0.87	0.99 No	0.3	Element Fault
TWL078	588	'43672834_/_5244749_2'	0.37	0.53	3.33	0.53	0.3	0.87	0.99 No	0.3	Element Fault
TWL078	589	'43672172_/_43672174'	0.37	0.53	3.33	0.53	0.3	0.87	0.99 No	0.3	Element Fault
TWL078	590	'5244678_/_5244762'	0.37	0.53	3.33	0.53	0.3	0.87	0.99 No	0.3	Element Fault
TWL078	591	'5235550_/_5235560'	0.37	0.53	3.33	0.53	0.3	0.86	0.99 No	0.3	Element Fault
TWL078	592	'5244707_/_43672847'	0.37	0.53	3.33	0.53	0.2	0.86	0.99 No	0.2	Element Fault
TWL078	593	'5235472_/_5235966'	0.37	0.53	3.33	0.53	0.3	0.86	0.99 No	0.3	Element Fault
TWL078	594	'5244723_/_5244720'	0.37	0.53	3.33	0.53	0.3	0.86	0.99 No	0.3	Element Fault
TWL078	595	'5244736_/_43672858'	0.37	0.53	3.33	0.53	0.3	0.86	0.99 No	0.3	Element Fault
TWL078	596	'5246219_/_7470873_1'	0.37	0.53	3.33	0.53	0.2	0.86	0.99 No	0.2	Element Fault
TWL078	597	'102735677_/_7470873_2'	0.37	0.53	3.33	0.53	0.3	0.86	0.99 No	0.3	Element Fault
TWL078	598	'5242098_/_5242096'	0.37	0.53	3.33	0.53	0.2	0.86	0.99 No	0.2	Element Fault
TWL078	599	'5242927_/_5244675'	0.37	0.53	3.33	0.53	0.2	0.85	0.99 No	0.2	Element Fault
TWL078	600	'7130198_/_7130208_1'	0.37	0.53	3.33	0.53	0.2	0.85	0.99 No	0.2	Element Fault
TWL078	601	'7130169_/_7130179_1'	0.37	0.53	3.33	0.53	0.3	0.85	0.99 No	0.3	Element Fault
TWL078	602	'5242153_/_7130208_2'	0.37	0.53	3.33	0.53	0.3	0.85	0.99 No	0.3	Element Fault
TWL078	603	'5242154_/_5242151'	0.37	0.5	3.33	0.53	0.3	0.85	0.99 No	0.3	Element Fault
TWL078	604	'5242858_/_5242908'	0.37	0.5	3.33	0.53	0.2	0.85	0.99 No	0.2	Element Fault
TWL078	605	'43669492_/_5235547'	0.37	0.5	3.33	0.53	0.3	0.84	0.99 No	0.3	Element Fault
TWL078	606	'5235459_/_5235469'	0.37	0.5	3.33	0.53	0.2	0.84	0.99 No	0.2	Element Fault
TWL078	607	'43672890_/_43672880'	0.37	0.5	3.33	0.53	0.2	0.84	0.99 No	0.2	Element Fault
TWL078	608	'5242859_/_43672537'	0.33	0.5	3.33	0.53	0.3	0.84	0.99 No	0.3	Element Fault
TWL078	609	'5242416_/_7130179_2'	0.33	0.5	3.33	0.53	0.2	0.83	0.99 No	0.2	Element Fault
TWL078	610	'5235524_/_5235534'	0.37	0.5	3.33	0.53	0.2	0.82	0.99 No	0.2	Element Fault
TWL078	611	'5242170_/_5242167'	0.33	0.5	3.33	0.53	0.3	0.83	0.99 No	0.3	Element Fault
TWL078	612	'5235446_/_5235456'	0.37	0.5	3.33	0.53	0.2	0.82	0.99 No	0.2	Element Fault
TWL078	613	'5235510_/_5235521'	0.3	0.43	3.33	0.53	0.2	0.82	0.99 No	0.2	Element Fault
TWL078	614	'5242225_/_5242235'	0.37	0.5	3.33	0.53	0.2	0.82	0.99 No	0.2	Element Fault
TWL078	615	'5242384_/_5242413'	0.33	0.5	3.33	0.53	0.3	0.82	0.99 No	0.3	Element Fault
TWL078	616	'5235498_/_5235508'	0.33	0.5	3.33	0.53	0.3	0.82	0.99 No	0.3	Element Fault
TWL078	617	'5242224_/_5242222_1'	0.37	0.5	3.33	0.53	0.2	0.82	0.99 No	0.2	Element Fault
TWL078	618	'5242183_/_5242180'	0.33	0.5	3.33	0.53	0.2	0.82	0.99 No	0.2	Element Fault
TWL078	619	'486718777_/_5235495_2'	0.33	0.5	3.33	0.53	0.2	0.81	0.99 No	0.2	Element Fault
TWL078	620	'5235445_/_5235443'	0.33	0.5	3.33	0.53	0.2	0.81	0.99 No	0.2	Element Fault
TWL078	621	'5242429_/_43672240'	0.33	0.47	3.33	0.53	0.2	0.79	0.99 No	0.2	Element Fault
TWL078	622	'5235497_/_5235495_1'	0.33	0.47	3.33	0.53	0.2	0.78	0.99 No	0.2	Element Fault
TWL078	623	'5242250_/_5242381'	0.33	0.47	3.33	0.53	0.2	0.78	0.99 No	0.2	Element Fault
TWL078	624	'5235745_/_5235755'	0.33	0.47	3.33	0.53	0.2	0.77	0.99 No	0.2	Element Fault
TWL078	625	'5235744_/_5235742'	0.33	0.47	3.33	0.53	0.2	0.77	0.99 No	0.2	Element Fault
TWL078	626	'5242251_/_5242248'	0.33	0.47	3.33	0.53	0.2	0.77	0.99 No	0.2	Element Fault
TWL078	627	'5235770_/_5235768'	0.3	0.47	3.33	0.53	0.2	0.76	0.99 No	0.2	Element Fault
TWL078	628	'5238301_/_5238311'	0.3	0.47	3.33	0.53	0.2	0.76	0.99 No	0.2	Element Fault
TWL078	629	'5242264_/_5242261'	0.33	0.47	3.33	0.53	0.2	0.75	0.99 No	0.2	Element Fault
TWL078	630	'5235732_/_5238298'	0.3	0.47	3.33	0.53	0.2	0.75	0.99 No	0.2	Element Fault
TWL078	631	'5235786_/_5235784'	0.3	0.43	3.33	0.53	0.2	0.74	0.99 No	0.2	Element Fault
TWL078	632	'5238262_/_5238259'	0.3	0.43	3.33	0.53	0.2	0.74	0.99 No	0.2	Element Fault
TWL078	633	'5242277_/_5242274'	0.3	0.43	3.33	0.53	0.2	0.73	0.99 No	0.2	Element Fault
TWL078	634	'5235719_/_5235729'	0.3	0.43	3.33	0.53	0.2	0.73	0.99 No	0.2	Element Fault
TWL078	635	'5235718_/_5235716'	0.3	0.43	3.33	0.53	0.2	0.73	0.99 No	0.2	Element Fault
TWL078	636	'43671663_/_5238272'	0.3	0.43	3.33	0.53	0.2	0.73	0.99 No	0.2	Element Fault
TWL078	637	'5242290_/_5242287'	0.3	0.43	3.33	0.53	0.2	0.72	0.99 No	0.2	Element Fault
TWL078	638	'43671652_/_5238246'	0.3	0.43	3.33	0.53	0.2	0.72	0.99 No	0.2	Element Fault
TWL078	639	'5242342_/_5242352'	0.3	0.43	3.33	0.53	0.2	0.71	0.99 No	0.2	Element Fault
TWL078	640	'43671668_/_43671665'	0.3	0.43	3.33	0.53	0.2	0.71	0.99 No	0.2	Element Fault
TWL078	641	'5242329_/_5242339'	0.3	0.43	3.33	0.53	0.2	0.71	0.99 No	0.2	Element Fault
TWL078	642	'5238223_/_5238233'	0.3	0.43	3.33	0.53	0.2	0.7	0.99 No	0.2	Element Fault
TWL078	643	'5242316_/_5242326'	0.3	0.43	3.33	0.53	0.2	0.7	0.99 No	0.2	Element Fault
TWL078	644	'5242212_/_5242300'	0.3	0.43	3.33	0.53	0.2	0.7	0.99 No	0.2	Element Fault
TWL078	645	'5238222_/_5238220'	0.3	0.4	3.33	0.53	0.2	0.69	0.99 No	0.2	Element Fault
TWL079	0	'TWL079_/_362471192'	10	10	10	3.37	10	10	10 No	3.37	Thermal Discharging
TWL079	1	'Node_6698255740_/_362471192'	10	10	10	3.37	10	10	2.72 No	2.72	Unintentional Islanding
TWL079	2	'369128636_/_Section_6698255741'	7.6	10	10	3.37	10	10	2.72 No	2.72	Unintentional Islanding
TWL079	3	'369128688_/_369128658'	7.1	10	10	3.37	10	10	2.72 No	2.72	Unintentional Islanding
TWL079	4	'369128740_/_369128710'	6.5	10	10	3.37	10	10	2.72 No	2.72	Unintentional Islanding
TWL079	5	'369128792_/_369128762'	6.2	9	10	3.37	10	10	2.72 No	2.72	Unintentional Islanding
TWL079	6	'369128844_/_369128814'	6.1	8.4	10	3.37	10	10	2.72 No	2.72	Unintentional Islanding
TWL079	7	'369128899_/_369128866'	5.9	7.6	10	3.37	10	10	2.72 No	2.72	Unintentional Islanding
TWL079	8	'8991933_/_369128920'	5.5	6.3	10	3.37	10	8.69	2.72 No	2.72	Unintentional Islanding
TWL079	9	'362470641_/_347740154_2'	5.5	6.3	10	3.37	10	8.66	2.72 No	2.72	Unintentional Islanding
TWL079	10	'5787423_/_347740154_1'	5.5	6.3	10	3.37	10	8.65	2.72 No	2.72	Unintentional Islanding
TWL079	11	'43779771_/_43779773'	5.5	6.2	10	3.37	10	8.58	2.72 No	2.72	Unintentional Islanding
TWL079	12	'5787424_/_5787421'	5.5	6.2	10	3.37	10	8.58	2.72 No	2.72	Unintentional Islanding
TWL079	13	'5787390_/_5787404'	5.5	6.1	10	3.37	10	8.51	2.72 No	2.72	Unintentional Islanding
TWL079	14	'345376704_/_5787438'	5.4	6.1	10	3.37	10	8.51	2.72 No	2.72	Unintentional Islanding
TWL079	15	'43779784_/_5787387'	5.5	6.1	10	3.37	10	8.45	2.72 No	2.72	Unintentional Islanding
TWL079	16	'345533438_/_345376706'	5.4	6.1	10	3.37	10	8.45	2.72 No	2.72	Unintentional Islanding
TWL079	17	'5787041_/_348076811'	5.4	6.1	10	3.37	10	8.44	2.72 No	2.72	Unintentional Islanding
TWL079	18	'5787356_/_5787370'	5.5	6	10	3.37	10	8.38	2.72 No	2.72	Unintentional Islanding
TWL079	19	'43779676_/_5787055'	5.3	6	10	3.37	10	8.37	2.72 No	2.72	Unintentional Islanding
TWL079	20	'5787336_/_5787353'	5.5	6	10	3.37	10	8.32	2.72 No	2.72	Unintentional Islanding
TWL079	21	'5766123_/_5787333'	5.5	5.9	10	3.37	10	8.28	2.72 No	2.72	Unintentional Islanding
TWL079	22	'5797337_/_5797335'	5.5	5.9	10	3.37	10	8.19	2.72 No	2.72	Unintentional Islanding
TWL079	23	'570349029_/_5797372_1'	1.83	1.97	3.33	1.12	0.5	2.72	0.91 No	0.5	Element Fault
TWL079	24	'5766791_/_5766789_1'	3.67	3.87	6.67	2.24	1.1	5.44	1.81 No	1.1	Element Fault
TWL079	25	'5765940_/_5797355'	5.5	5.8	10	3.37	10	8.12	2.72 No	2.72	Unintentional Islanding
TWL079	26	'345533439_/_345533436'	5.1	5.8	10	3.37	4.9	8.15	2.72 No	2.72	Unintentional Islanding

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TWL079	27	'5787512_/_5787526'		5.5	5.8	10	3.37	10	8.03	2.72 No	2.72 Unintentional Islanding
TWL079	28	'5765941_/_5765951_1'		1.83	1.93	3.33	1.12	0.5	2.68	0.91 No	0.5 Element Fault
TWL079	29	'5766728_/_5787509'		5.5	5.7	10	3.37	10	7.96	2.72 No	2.72 Unintentional Islanding
TWL079	30	'5797375_/_5797372_2'		1.8	1.9	3.33	1.12	0.5	2.65	0.91 No	0.5 Element Fault
TWL079	31	'43779797_/_43779799'		5.3	5.7	10	3.37	3.6	7.99	2.72 No	2.72 Unintentional Islanding
TWL079	32	'5787478_/_5787492'		5.5	5.7	10	3.37	10	7.9	2.72 No	2.72 Unintentional Islanding
TWL079	33	'5766729_/_5766743_1'		5.5	5.7	10	3.37	1.5	7.91	2.72 No	1.5 Element Fault
TWL079	34	'5766746_/_5766743_2'		5.5	5.6	10	3.37	1.5	7.86	2.72 No	1.5 Element Fault
TWL079	35	'5766778_/_5787475'		5.5	5.6	10	3.37	10	7.82	2.72 No	2.72 Unintentional Islanding
TWL079	36	'5766103_/_5766100_2'		5.2	5.6	10	3.37	3.6	7.92	2.72 No	2.72 Unintentional Islanding
TWL079	37	'5787460_/_5787458'		5.5	5.6	10	3.37	10	7.78	2.72 No	2.72 Unintentional Islanding
TWL079	38	'5765954_/_5765951_2'		1.83	1.87	3.33	1.12	0.5	2.61	0.91 No	0.5 Element Fault
TWL079	39	'5768959_/_5766743_3'		5.4	5.6	10	3.37	1.5	7.8	2.72 No	1.5 Element Fault
TWL079	40	'5766779_/_43784953_1'		1.83	1.87	3.33	1.12	0.4	2.59	0.91 No	0.4 Element Fault
TWL079	41	'5766792_/_5766789_2'		3.67	3.73	6.67	2.24	1.1	5.24	1.81 No	1.1 Element Fault
TWL079	42	'5791144_/_5791141'		5.5	5.5	10	3.37	10	7.73	2.72 No	2.72 Unintentional Islanding
TWL079	43	'5766699_/_5766763'		1.83	1.83	3.33	1.12	0.5	2.58	0.91 No	0.5 Element Fault
TWL079	44	'5792853_/_5792850'		5.5	5.5	10	3.37	10	7.65	2.72 No	2.72 Unintentional Islanding
TWL079	45	'5792909_/_5792907'		5.5	5.5	10	3.37	10	7.64	2.72 No	2.72 Unintentional Islanding
TWL079	46	'7730577_/_7730575_1'		5.5	5.5	10	3.37	10	7.63	2.72 No	2.72 Unintentional Islanding
TWL079	47	'345533466_/_345533463'		4.8	5.4	10	3.37	4.9	7.75	2.72 No	2.72 Unintentional Islanding
TWL079	48	'5788702_/_5792870'		5.5	5.4	10	3.37	10	7.54	2.72 No	2.72 Unintentional Islanding
TWL079	49	'5796349_/_43784953_2'		1.83	1.8	3.33	1.12	0.4	2.52	0.91 No	0.4 Element Fault
TWL079	50	'5774666_/_5788700'		5.5	5.3	10	3.37	10	7.45	2.72 No	2.72 Unintentional Islanding
TWL079	51	'5766086_/_5766100_1'		5	5.3	10	3.37	1.5	7.62	2.72 No	1.5 Element Fault
TWL079	52	'7730578_/_7730575_2'		5.5	5.2	10	3.37	10	7.31	2.72 No	2.72 Unintentional Islanding
TWL079	53	'5774665_/_5774663'		5.3	5.2	10	3.37	7.1	7.28	2.72 No	2.72 Unintentional Islanding
TWL079	54	'414174987_/_7730575_3'		5.5	5.2	10	3.37	10	7.29	2.72 No	2.72 Unintentional Islanding
TWL079	55	'5766700_/_5766697'		1.83	1.73	3.33	1.12	0.5	2.45	0.91 No	0.5 Element Fault
TWL079	56	'415432634_/_414174984'		5.5	5.2	10	3.37	10	7.28	2.72 No	2.72 Unintentional Islanding
TWL079	57	'492882542_/_43784714_1'		3.67	3.4	6.67	2.24	1	4.84	1.81 No	1 Element Fault
TWL079	58	'43779760_/_5765964'		1.83	1.7	3.33	1.12	0.5	2.45	0.91 No	0.5 Element Fault
TWL079	59	'5766810_/_5766807'		3.67	3.4	6.67	2.24	1.1	4.91	1.81 No	1 Element Fault
TWL079	60	'5765639_/_345533706'		4.6	5.1	10	3.37	4.9	7.4	2.72 No	2.72 Unintentional Islanding
TWL079	61	'414174934_/_5792887'		5.5	5.1	10	3.37	10	7.16	2.72 No	2.72 Unintentional Islanding
TWL079	62	'415432570_/_5788802'		5.5	5.1	10	3.37	10	7.16	2.72 No	2.72 Unintentional Islanding
TWL079	63	'414174856_/_414174904'		5.5	5.1	10	3.37	10	7.12	2.72 No	2.72 Unintentional Islanding
TWL079	64	'5778998_/_414174853'		5.5	5.1	10	3.37	10	7.1	2.72 No	2.72 Unintentional Islanding
TWL079	65	'5774685_/_5774683'		5.2	5	10	3.37	7.1	7.12	2.72 No	2.72 Unintentional Islanding
TWL079	66	'5766052_/_5766083'		4.7	5	10	3.37	1.5	7.28	2.72 No	1.5 Element Fault
TWL079	67	'409589026_/_409589036'		5.5	5	10	3.37	10	7.07	2.72 No	2.72 Unintentional Islanding
TWL079	68	'409588950_/_409588983'		5.5	5	10	3.37	10	7.05	2.72 No	2.72 Unintentional Islanding
TWL079	69	'5768892_/_5768889_2'		5.2	5	10	3.37	4.9	7.07	2.72 No	2.72 Unintentional Islanding
TWL079	70	'408440615_/_409588947'		5.5	5	10	3.37	10	7	2.72 No	2.72 Unintentional Islanding
TWL079	71	'5765638_/_5765636'		4.4	5	10	3.37	4.9	7.19	2.72 No	2.72 Unintentional Islanding
TWL079	72	'408440595_/_408440612'		5.5	4.9	10	3.37	10	6.94	2.72 No	2.72 Unintentional Islanding
TWL079	73	'453467859_/_43784714_2'		3.67	3.27	6.67	2.24	1	4.66	1.81 No	1 Element Fault
TWL079	74	'408440575_/_408440592'		5.5	4.9	10	3.37	10	6.91	2.72 No	2.72 Unintentional Islanding
TWL079	75	'5768875_/_5768889_1'		5	4.9	10	3.37	1.6	6.96	2.72 No	1.6 Element Fault
TWL079	76	'5766716_/_5766713'		1.83	1.63	3.33	1.12	0.5	2.35	0.91 No	0.5 Element Fault
TWL079	77	'408440555_/_408440572'		5.5	4.9	10	3.37	10	6.86	2.72 No	2.72 Unintentional Islanding
TWL079	78	'5768841_/_5768839'		3.47	3.27	6.67	2.24	1.1	4.72	1.81 No	1.1 Element Fault
TWL079	79	'410023649_/_408440552'		5.5	4.9	10	3.37	10	6.82	2.72 No	2.72 Unintentional Islanding
TWL079	80	'416574684_/_5778349_1'		1.83	1.63	3.33	1.12	0.5	2.27	0.91 No	0.5 Element Fault
TWL079	81	'408440444_/_408440537'		5.5	4.8	10	3.37	10	6.77	2.72 No	2.72 Unintentional Islanding
TWL079	82	'5766825_/_5766822'		3.47	3.2	6.67	2.24	1.1	4.68	1.81 No	1.1 Element Fault
TWL079	83	'408440302_/_408440441'		5.5	4.8	10	3.37	10	6.76	2.72 No	2.72 Unintentional Islanding
TWL079	84	'5765980_/_5765977'		1.77	1.6	3.33	1.12	0.5	2.32	0.91 No	0.5 Element Fault
TWL079	85	'5778979_/_409589494'		5.3	4.8	10	3.37	4.9	6.84	2.72 No	2.72 Unintentional Islanding
TWL079	86	'43780642_/_43780644'		4.9	4.8	10	3.37	1.6	6.84	2.72 No	1.6 Element Fault
TWL079	87	'5765723_/_5765720'		2.87	3.2	6.67	2.24	3.2	4.66	1.81 No	1.81 Unintentional Islanding
TWL079	88	'408440282_/_408440299'		5.5	4.8	10	3.37	10	6.7	2.72 No	2.72 Unintentional Islanding
TWL079	89	'345533816_/_345533772'		4.2	4.8	10	3.37	4.8	6.98	2.72 No	2.72 Unintentional Islanding
TWL079	90	'408440332_/_408440279'		5.5	4.8	10	3.37	10	6.66	2.72 No	2.72 Unintentional Islanding
TWL079	91	'43779810_/_5766049'		4.4	4.7	10	3.37	1.5	6.96	2.72 No	1.5 Element Fault
TWL079	92	'5779019_/_5779016'		5.2	4.7	10	3.37	3.6	6.78	2.72 No	2.72 Unintentional Islanding
TWL079	93	'374227831_/_374227765_2'		4.2	4.7	10	3.37	4.8	6.95	2.72 No	2.72 Unintentional Islanding
TWL079	94	'403508199_/_403508216'		5.5	4.7	10	3.37	10	6.62	2.72 No	2.72 Unintentional Islanding
TWL079	95	'413332394_/_403367171_2'		5.5	4.8	10	3.37	5.4	6.63	2.72 No	2.72 Unintentional Islanding
TWL079	96	'8995623_/_8995621_1'		5.2	4.7	10	3.37	0.9	6.75	2.72 No	0.9 Element Fault
TWL079	97	'403508179_/_403508196'		5.5	4.7	10	3.37	10	6.59	2.72 No	2.72 Unintentional Islanding
TWL079	98	'411993110_/_403508176_1'		5.5	4.7	10	3.37	10	6.59	2.72 No	2.72 Unintentional Islanding
TWL079	99	'409589229_/_403508176_2'		5.5	4.7	10	3.37	10	6.59	2.72 No	2.72 Unintentional Islanding
TWL079	100	'5769439_/_5784143'		4.8	4.7	10	3.37	1.6	6.75	2.72 No	1.6 Element Fault
TWL079	101	'418436739_/_403367113_2'		5.5	4.7	10	3.37	5.5	6.58	2.72 No	2.72 Unintentional Islanding
TWL079	102	'403367026_/_403367171_1'		5.5	4.7	10	3.37	1	6.6	2.72 No	1 Element Fault
TWL079	103	'441745716_/_441745718'		5.5	4.7	10	3.37	10	6.56	2.72 No	2.72 Unintentional Islanding
TWL079	104	'441745747_/_403508236_2'		5.5	4.7	10	3.37	10	6.56	2.72 No	2.72 Unintentional Islanding
TWL079	105	'5768874_/_5768872'		4.8	4.7	10	3.37	1.6	6.72	2.72 No	1.6 Element Fault
TWL079	106	'409589382_/_409589379'		5.5	4.7	10	3.37	6.7	6.6	2.72 No	2.72 Unintentional Islanding
TWL079	107	'403508118_/_403508236_1'		5.5	4.7	10	3.37	10	6.54	2.72 No	2.72 Unintentional Islanding
TWL079	108	'409589093_/_5778362_2'		1.83	1.57	3.33	1.12	1	2.21	0.91 No	0.91 Unintentional Islanding
TWL079	109	'5779056_/_5779054'		5.1	4.7	10	3.37	4.9	6.68	2.72 No	2.72 Unintentional Islanding
TWL079	110	'403508264_/_403508281'		5.5	4.7	10	3.37	10	6.51	2.72 No	2.72 Unintentional Islanding
TWL079	111	'403366980_/_403367113_1'		5.5	4.7	10	3.37	1	6.53	2.72 No	1 Element Fault
TWL079	112	'403367410_/_403508261'		5.5	4.6	10	3.37	10	6.47	2.72 No	2.72 Unintentional Islanding
TWL079	113	'405443528_/_403367447'		5.5	4.6	10	3.37	10	6.46	2.72 No	2.72 Unintentional Islanding
TWL079	114	'403368052_/_403367917'		5.5	4.6	10	3.37	10	6.46	2.72 No	2.72 Unintentional Islanding
TWL079	115	'403368274_/_403368199'		5.5	4.6	10	3.37	4.8	6.46	2.72 No	2.72 Unintentional Islanding
TWL079	116	'408440176_/_405443328'		5.5	4.6	10	3.37	10	6.44	2.72 No	2.72 Unintentional Islanding
TWL079	117	'441745796_/_418436719_2'		1.83	1.53	3.33	1.12	1.6	2.15	0.91 No	0.91 Unintentional Islanding
TWL079	118	'412375337_/_412375339'		5.5	4.6	10	3.37	10	6.43	2.72 No	2.72 Unintentional Islanding
TWL079	119	'403367390_/_403367407'		5.5	4.6	10	3.37	10	6.43	2.72 No	2.72 Unintentional Islanding
TWL079	120	'5769392_/_5769436'		4.7	4.6	10	3.37	1.6	6.63	2.72 No	1.6 Element Fault

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TWL079	121	'43782652_/409589399'		5.5	4.6	10	3.37	6.7	6.52	2.72 No	2.72 Unintentional Islanding
TWL079	122	'403368012_/403368054'		5.5	4.6	10	3.37	10	6.42	2.72 No	2.72 Unintentional Islanding
TWL079	123	'8995624_/8995621_2'		5.1	4.6	10	3.37	0.9	6.62	2.72 No	0.9 Element Fault
TWL079	124	'418436576_/402347597_1'		5.5	4.6	10	3.37	2.6	6.41	2.72 No	2.6 Element Fault
TWL079	125	'402347600_/402347597_2'		5.5	4.6	10	3.37	2.6	6.41	2.72 No	2.6 Element Fault
TWL079	126	'402347701_/402347617'		5.5	4.6	10	3.37	2.6	6.4	2.72 No	2.6 Element Fault
TWL079	127	'5777749_/43782667_1'		5.5	4.6	10	3.37	2.9	6.49	2.72 No	2.72 Unintentional Islanding
TWL079	128	'412374602_/403368014'		5.5	4.6	10	3.37	10	6.39	2.72 No	2.72 Unintentional Islanding
TWL079	129	'408440156_/408440173'		5.5	4.6	10	3.37	10	6.38	2.72 No	2.72 Unintentional Islanding
TWL079	130	'5766599_/5766612'		1.4	1.53	3.33	1.12	1.2	2.25	0.91 No	0.91 Unintentional Islanding
TWL079	131	'43774287_/402347703'		5.5	4.6	10	3.37	2.6	6.37	2.72 No	2.6 Element Fault
TWL079	132	'5768859_/5768857'		3.27	3.07	6.67	2.24	1.1	4.48	1.81 No	1.1 Element Fault
TWL079	133	'403368329_/412374604'		5.5	4.6	10	3.37	10	6.37	2.72 No	2.72 Unintentional Islanding
TWL079	134	'402347638_/5757638'		5.5	4.6	10	3.37	2.6	6.37	2.72 No	2.6 Element Fault
TWL079	135	'5765623_/5769031'		3.13	3.07	6.67	2.24	1.07	4.38	1.81 No	1.07 Element Fault
TWL079	136	'403507781_/408440153'		5.5	4.6	10	3.37	10	6.35	2.72 No	2.72 Unintentional Islanding
TWL079	137	'409163185_/402348182_2'		5.5	4.6	10	3.37	10	6.34	2.72 No	2.72 Unintentional Islanding
TWL079	138	'403368257_/43778079_2'		1.83	1.53	3.33	1.12	1.2	2.12	0.91 No	0.91 Unintentional Islanding
TWL079	139	'5779385_/5779383'		1.73	1.5	3.33	1.12	1.2	2.18	0.91 No	0.91 Unintentional Islanding
TWL079	140	'5779075_/5779072_1'		1.67	1.5	3.33	1.12	0.5	2.18	0.91 No	0.5 Element Fault
TWL079	141	'5765993_/5765990'		1.67	1.5	3.33	1.12	0.5	2.21	0.91 No	0.5 Element Fault
TWL079	142	'402348165_/402348182_1'		5.5	4.5	10	3.37	10	6.32	2.72 No	2.72 Unintentional Islanding
TWL079	143	'8366357_/403367032'		5.5	4.5	10	3.37	1	6.42	2.72 No	1 Element Fault
TWL079	144	'52336112_/5758740_1'		5.5	4.5	10	3.37	1.6	6.33	2.72 No	1.6 Element Fault
TWL079	145	'402348145_/402348162'		5.5	4.5	10	3.37	10	6.3	2.72 No	2.72 Unintentional Islanding
TWL079	146	'402348125_/402348142'		5.5	4.5	10	3.37	10	6.28	2.72 No	2.72 Unintentional Islanding
TWL079	147	'43782724_/5779072_2'		1.67	1.5	3.33	1.12	0.5	2.17	0.91 No	0.5 Element Fault
TWL079	148	'418436234_/403508007_2'		3.67	3	6.67	2.24	2.9	4.18	1.81 No	1.81 Unintentional Islanding
TWL079	149	'5766035_/5766066'		4.2	4.5	10	3.37	1.5	6.66	2.72 No	1.5 Element Fault
TWL079	150	'43782665_/43782667_2'		5.4	4.5	10	3.37	2.9	6.38	2.72 No	2.72 Unintentional Islanding
TWL079	151	'402348105_/402348122'		5.5	4.5	10	3.37	10	6.24	2.72 No	2.72 Unintentional Islanding
TWL079	152	'43782629_/43782631'		4.9	4.5	10	3.37	4.9	6.46	2.72 No	2.72 Unintentional Islanding
TWL079	153	'441745846_/624675286'		5.5	4.5	10	3.37	10	6.2	2.72 No	2.72 Unintentional Islanding
TWL079	154	'43773769_/418436719_1'		1.83	1.5	3.33	1.12	0.5	2.09	0.91 No	0.5 Element Fault
TWL079	155	'417801657_/403368309'		1.83	1.5	3.33	1.12	1.5	2.08	0.91 No	0.91 Unintentional Islanding
TWL079	156	'5766236_/5766837'		3.2	3	6.67	2.24	1.1	4.38	1.81 No	1.1 Element Fault
TWL079	157	'5778271_/5778349_2'		1.73	1.5	3.33	1.12	0.5	2.12	0.91 No	0.5 Element Fault
TWL079	158	'441745831_/402348102_2'		5.5	4.5	10	3.37	10	6.18	2.72 No	2.72 Unintentional Islanding
TWL079	159	'402348085_/402348102_1'		5.5	4.5	10	3.37	10	6.18	2.72 No	2.72 Unintentional Islanding
TWL079	160	'417801678_/5735448_2'		1.83	1.47	3.33	1.12	1.1	2.08	0.91 No	0.91 Unintentional Islanding
TWL079	161	'552470617_/5779036_2'		4.9	4.4	10	3.37	4.9	6.41	2.72 No	2.72 Unintentional Islanding
TWL079	162	'402348065_/402348082'		5.5	4.4	10	3.37	10	6.14	2.72 No	2.72 Unintentional Islanding
TWL079	163	'8052612_/9309202_1'		3.2	3	6.67	2.24	0.6	4.36	1.81 No	0.6 Element Fault
TWL079	164	'43777767_/5758740_2'		5.5	4.4	10	3.37	1.6	6.22	2.72 No	1.6 Element Fault
TWL079	165	'5778365_/5778362_1'		1.83	1.47	3.33	1.12	0.5	2.11	0.91 No	0.5 Element Fault
TWL079	166	'5769373_/5769389'		4.5	4.4	10	3.37	1.6	6.41	2.72 No	1.6 Element Fault
TWL079	167	'410023736_/403507917'		5.5	4.4	10	3.37	10	6.12	2.72 No	2.72 Unintentional Islanding
TWL079	168	'5747289_/410023747'		5.5	4.4	10	3.37	10	6.11	2.72 No	2.72 Unintentional Islanding
TWL079	169	'5777716_/5777730'		5.3	4.4	10	3.37	2.9	6.28	2.72 No	2.72 Unintentional Islanding
TWL079	170	'441745865_/5736821_2'		1.83	1.47	3.33	1.12	1.2	2.04	0.91 No	0.91 Unintentional Islanding
TWL079	171	'5766598_/5766596'		1.4	1.47	3.33	1.12	1.2	2.17	0.91 No	0.91 Unintentional Islanding
TWL079	172	'43779726_/5765621'		3	2.93	6.67	2.24	1.07	4.24	1.81 No	1.07 Element Fault
TWL079	173	'7728276_/403508007_1'		3.67	2.93	6.67	2.24	0.6	4.1	1.81 No	0.6 Element Fault
TWL079	174	'5736853_/43774200'		1.83	1.47	3.33	1.12	1.1	2.03	0.91 No	0.91 Unintentional Islanding
TWL079	175	'43778077_/43778079_1'		1.83	1.47	3.33	1.12	0.5	2.06	0.91 No	0.5 Element Fault
TWL079	176	'7416482_/403366984'		5.4	4.4	10	3.37	1	6.2	2.72 No	1 Element Fault
TWL079	177	'5735036_/5735253'		5.5	4.4	10	3.37	2.6	6.14	2.72 No	2.6 Element Fault
TWL079	178	'43773994_/43773996'		5.5	4.4	10	3.37	10	6.04	2.72 No	2.72 Unintentional Islanding
TWL079	179	'5751149_/5751147'		5.5	4.4	10	3.37	10	6.04	2.72 No	2.72 Unintentional Islanding
TWL079	180	'5766237_/5766234'		1.57	1.43	3.33	1.12	0.55	2.14	0.91 No	0.55 Element Fault
TWL079	181	'5778284_/5778281'		1.7	1.43	3.33	1.12	0.5	2.08	0.91 No	0.5 Element Fault
TWL079	182	'52336145_/5734818_1'		5.5	4.4	10	3.37	1.6	6.11	2.72 No	1.6 Element Fault
TWL079	183	'5747255_/5747269'		5.5	4.3	10	3.37	10	6.01	2.72 No	2.72 Unintentional Islanding
TWL079	184	'5766006_/5766003'		1.6	1.43	3.33	1.12	0.5	2.13	0.91 No	0.5 Element Fault
TWL079	185	'5778125_/5779036_1'		4.8	4.3	10	3.37	2.5	6.29	2.72 No	2.5 Element Fault
TWL079	186	'5778270_/5778268'		1.7	1.43	3.33	1.12	0.5	2.07	0.91 No	0.5 Element Fault
TWL079	187	'5747238_/5747252'		5.5	4.3	10	3.37	10	5.98	2.72 No	2.72 Unintentional Islanding
TWL079	188	'5779116_/5779114_1'		1.57	1.43	3.33	1.12	0.5	2.09	0.91 No	0.5 Element Fault
TWL079	189	'8051276_/8051273_2'		5.5	4.3	10	3.37	5.4	5.96	2.72 No	2.72 Unintentional Islanding
TWL079	190	'5745396_/5751218'		5.5	4.3	10	3.37	10	5.96	2.72 No	2.72 Unintentional Islanding
TWL079	191	'7416501_/9622949'		5.3	4.3	10	3.37	1	6.12	2.72 No	1 Element Fault
TWL079	192	'374227746_/374227765_1'		3.8	4.3	10	3.37	1.6	6.37	2.72 No	1.6 Element Fault
TWL079	193	'43774007_/5747235'		5.5	4.3	10	3.37	10	5.94	2.72 No	2.72 Unintentional Islanding
TWL079	194	'5777699_/5777713'		5.1	4.3	10	3.37	2.9	6.13	2.72 No	2.72 Unintentional Islanding
TWL079	195	'5769354_/5769371'		4.4	4.3	10	3.37	1.6	6.25	2.72 No	1.6 Element Fault
TWL079	196	'471060367_/5778122_2'		1.6	1.43	3.33	1.12	0.83	2.07	0.91 No	0.83 Element Fault
TWL079	197	'7416502_/7416499'		5.3	4.3	10	3.37	1	6.09	2.72 No	1 Element Fault
TWL079	198	'5779087_/43782726'		1.57	1.43	3.33	1.12	0.5	2.07	0.91 No	0.5 Element Fault
TWL079	199	'43779823_/5766140'		1.4	1.43	3.33	1.12	0.5	2.12	0.91 No	0.5 Element Fault
TWL079	200	'5747377_/5751198_2'		5.4	4.3	10	3.37	10	5.91	2.72 No	2.72 Unintentional Islanding
TWL079	201	'5747204_/5747218'		5.5	4.2	10	3.37	10	5.89	2.72 No	2.72 Unintentional Islanding
TWL079	202	'5736824_/5736821_1'		1.83	1.4	3.33	1.12	0.5	1.98	0.91 No	0.5 Element Fault
TWL079	203	'5745412_/5745424_1'		1.83	1.4	3.33	1.12	0.6	1.96	0.91 No	0.6 Element Fault
TWL079	204	'5778112_/5778122_1'		1.6	1.4	3.33	1.12	0.5	2.05	0.91 No	0.5 Element Fault
TWL079	205	'5747187_/5747201'		5.5	4.2	10	3.37	10	5.85	2.72 No	2.72 Unintentional Islanding
TWL079	206	'9309205_/9309202_2'		3.07	2.8	6.67	2.24	0.6	4.18	1.81 No	0.6 Element Fault
TWL079	207	'5769353_/5769351'		4.3	4.2	10	3.37	1.6	6.17	2.72 No	1.6 Element Fault
TWL079	208	'5766034_/5766032'		3.9	4.2	10	3.37	1.5	6.31	2.72 No	1.5 Element Fault
TWL079	209	'8051275_/8051273_1'		5.5	4.2	10	3.37	1.6	5.87	2.72 No	1.6 Element Fault
TWL079	210	'7415303_/7415301_1'		3.9	4.2	10	3.37	0.9	6.29	2.72 No	0.9 Element Fault
TWL079	211	'5779117_/5779114_2'		1.53	1.4	3.33	1.12	0.5	2.04	0.91 No	0.5 Element Fault
TWL079	212	'43778155_/43777769'		5.3	4.2	10	3.37	1.6	5.96	2.72 No	1.6 Element Fault
TWL079	213	'43774020_/43774022'		5.5	4.2	10	3.37	10	5.81	2.72 No	2.72 Unintentional Islanding
TWL079	214	'5735438_/5735448_1'		1.77	1.4	3.33	1.12	0.5	1.97	0.91 No	0.5 Element Fault

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TWL079	215	'5735395_/_5735393'	1.77		1.4	3.33	1.12	0.5	1.98	0.91 No	0.5 Element Fault
TWL079	216	'8458378_/_8458376_2'	5.3		4.2	10	3.37	1.6	5.94	2.72 No	1.6 Element Fault
TWL079	217	'43782641_/_5778294'	1.63		1.4	3.33	1.12	0.5	2	0.91 No	0.5 Element Fault
TWL079	218	'374227795_/_374227805'	3.7		4.2	10	3.37	1.6	6.22	2.72 No	1.6 Element Fault
TWL079	219	'52336135_/_43778157_1'	1.77		1.37	3.33	1.12	0.3	1.97	0.91 No	0.3 Element Fault
TWL079	220	'5747153_/_5747167'	5.5		4.1	10	3.37	10	5.75	2.72 No	2.72 Unintentional Islanding
TWL079	221	'43781099_/_5769601'	4.2		4.1	10	3.37	1.6	6.07	2.72 No	1.6 Element Fault
TWL079	222	'5778942_/_5778956'	4.6		4.1	10	3.37	2.5	6.05	2.72 No	2.5 Element Fault
TWL079	223	'5777682_/_43782680'	5		4.1	10	3.37	2.9	5.95	2.72 No	2.72 Unintentional Islanding
TWL079	224	'43779878_/_5766247'	1.5		1.37	3.33	1.12	0.55	2.05	0.91 No	0.55 Element Fault
TWL079	225	'52751858_/_5778939_2'	4.6		4.1	10	3.37	2.5	6.05	2.72 No	2.5 Element Fault
TWL079	226	'43773530_/_43773532'	1.73		1.37	3.33	1.12	0.87	1.96	0.91 No	0.87 Element Fault
TWL079	227	'109797655_/_5734818_2'	5.2		4.1	10	3.37	1.6	5.87	2.72 No	1.6 Element Fault
TWL079	228	'5735568_/_5756137'	1.73		1.37	3.33	1.12	0.5	1.96	0.91 No	0.5 Element Fault
TWL079	229	'656617729_/_656617393_1'	5.5		4.1	10	3.37	1.6	5.73	2.72 No	1.6 Element Fault
TWL079	230	'61697392_/_5779328_2'	1.5		1.37	3.33	1.12	0.83	2.01	0.91 No	0.83 Element Fault
TWL079	231	'88919801_/_88919737_1'	5.2		4.1	10	3.37	0.9	5.86	2.72 No	0.9 Element Fault
TWL079	232	'5747136_/_5747150'	5.5		4.1	10	3.37	10	5.71	2.72 No	2.72 Unintentional Islanding
TWL079	233	'5765928_/_5766016'	1.5		1.37	3.33	1.12	0.5	2.03	0.91 No	0.5 Element Fault
TWL079	234	'347872070_/_8366354_1'	5		4.1	10	3.37	1	5.9	2.72 No	1 Element Fault
TWL079	235	'7729566_/_8458376_1'	5.2		4.1	10	3.37	1.6	5.85	2.72 No	1.6 Element Fault
TWL079	236	'5747119_/_5747133'	5.5		4.1	10	3.37	10	5.67	2.72 No	2.72 Unintentional Islanding
TWL079	237	'65560402_/_8364222_2'	1.73		1.37	3.33	1.12	0.5	1.94	0.91 No	0.5 Element Fault
TWL079	238	'88919726_/_88919737_2'	5.1		4.1	10	3.37	0.9	5.82	2.72 No	0.9 Element Fault
TWL079	239	'5778099_/_5778109'	1.6		1.37	3.33	1.12	0.5	1.99	0.91 No	0.5 Element Fault
TWL079	240	'5736233_/_5745424_2'	1.83		1.37	3.33	1.12	0.6	1.9	0.91 No	0.6 Element Fault
TWL079	241	'468735529_/_5736243'	1.83		1.37	3.33	1.12	0.6	1.9	0.91 No	0.6 Element Fault
TWL079	242	'5736246_/_468735533'	1.83		1.37	3.33	1.12	0.6	1.9	0.91 No	0.6 Element Fault
TWL079	243	'5735424_/_43773892'	1.73		1.33	3.33	1.12	0.5	1.94	0.91 No	0.5 Element Fault
TWL079	244	'43773981_/_43773983'	5.4		4	10	3.37	10	5.63	2.72 No	2.72 Unintentional Islanding
TWL079	245	'5747102_/_5747099_2'	5.4		4	10	3.37	10	5.63	2.72 No	2.72 Unintentional Islanding
TWL079	246	'43782549_/_5779085'	1.47		1.33	3.33	1.12	0.5	1.98	0.91 No	0.5 Element Fault
TWL079	247	'5779330_/_5779328_1'	1.5		1.33	3.33	1.12	0.5	1.98	0.91 No	0.5 Element Fault
TWL079	248	'5736344_/_5736834'	1.77		1.33	3.33	1.12	0.5	1.9	0.91 No	0.5 Element Fault
TWL079	249	'5747085_/_5747099_1'	5.4		4	10	3.37	10	5.6	2.72 No	2.72 Unintentional Islanding
TWL079	250	'7415304_/_7415301_2'	3.7		4	10	3.37	0.9	6.07	2.72 No	0.9 Element Fault
TWL079	251	'5778378_/_5778375'	1.7		1.33	3.33	1.12	0.5	1.96	0.91 No	0.5 Element Fault
TWL079	252	'5777665_/_5777679'	4.9		4	10	3.37	2.9	5.82	2.72 No	2.72 Unintentional Islanding
TWL079	253	'63693045_/_5736230_2'	1.8		1.33	3.33	1.12	0.6	1.88	0.91 No	0.6 Element Fault
TWL079	254	'5735569_/_5735566'	1.7		1.33	3.33	1.12	0.5	1.92	0.91 No	0.5 Element Fault
TWL079	255	'7659564_/_9622929_1'	4.8		4	10	3.37	0.9	5.8	2.72 No	0.9 Element Fault
TWL079	256	'5778925_/_5778939_1'	4.4		4	10	3.37	2.5	5.9	2.72 No	2.5 Element Fault
TWL079	257	'5747068_/_5747082'	5.4		4	10	3.37	10	5.56	2.72 No	2.72 Unintentional Islanding
TWL079	258	'5735010_/_5735020'	1.7		1.33	3.33	1.12	0.87	1.9	0.91 No	0.87 Element Fault
TWL079	259	'43781085_/_43781087'	4.1		4	10	3.37	1.6	5.9	2.72 No	1.6 Element Fault
TWL079	260	'656617396_/_656617393_2'	5.3		4	10	3.37	1.6	5.58	2.72 No	1.6 Element Fault
TWL079	261	'5735437_/_43773903'	1.7		1.33	3.33	1.12	0.5	1.9	0.91 No	0.5 Element Fault
TWL079	262	'5778086_/_5778096'	1.6		1.33	3.33	1.12	0.5	1.95	0.91 No	0.5 Element Fault
TWL079	263	'5778707_/_43782643'	1.57		1.33	3.33	1.12	0.5	1.93	0.91 No	0.5 Element Fault
TWL079	264	'5747051_/_5747065'	5.4		4	10	3.37	10	5.52	2.72 No	2.72 Unintentional Islanding
TWL079	265	'5766263_/_5766260'	1.43		1.33	3.33	1.12	0.55	1.98	0.91 No	0.55 Element Fault
TWL079	266	'680284524_/_680284540'	1.23		1.33	3.33	1.12	0.3	1.99	0.91 No	0.3 Element Fault
TWL079	267	'5778406_/_5778404'	1.67		1.33	3.33	1.12	0.5	1.93	0.91 No	0.5 Element Fault
TWL079	268	'5779143_/_5779140'	1.47		1.3	3.33	1.12	0.5	1.94	0.91 No	0.5 Element Fault
TWL079	269	'5736345_/_5736342'	1.73		1.3	3.33	1.12	0.5	1.87	0.91 No	0.5 Element Fault
TWL079	270	'8995209_/_9621715'	4.8		3.7	10	3.37	1.6	5.67	2.72 No	1.6 Element Fault
TWL079	271	'5736261_/_5736258'	1.77		1.3	3.33	1.12	0.6	1.85	0.91 No	0.6 Element Fault
TWL079	272	'43773866_/_43773868'	5.3		3.9	10	3.37	10	5.47	2.72 No	2.72 Unintentional Islanding
TWL079	273	'5734790_/_109797657'	3.33		2.6	6.67	2.24	1.07	3.77	1.81 No	1.07 Element Fault
TWL079	274	'5736530_/_5736540'	1.67		1.3	3.33	1.12	0.5	1.89	0.91 No	0.5 Element Fault
TWL079	275	'5774067_/_5777662'	4.7		3.9	10	3.37	2.9	5.69	2.72 No	2.72 Unintentional Islanding
TWL079	276	'5765927_/_43779717'	1.43		1.3	3.33	1.12	0.5	1.95	0.91 No	0.5 Element Fault
TWL079	277	'5743504_/_5743502'	5.3		3.9	10	3.37	10	5.43	2.72 No	2.72 Unintentional Islanding
TWL079	278	'5736220_/_5736230_1'	1.73		1.3	3.33	1.12	0.2	1.84	0.91 No	0.2 Element Fault
TWL079	279	'43773747_/_43778157_2'	1.63		1.3	3.33	1.12	0.3	1.87	0.91 No	0.3 Element Fault
TWL079	280	'5779344_/_5779341'	1.43		1.3	3.33	1.12	0.5	1.92	0.91 No	0.5 Element Fault
TWL079	281	'5734777_/_5734787'	1.67		1.3	3.33	1.12	0.53	1.87	0.91 No	0.53 Element Fault
TWL079	282	'5779402_/_5779412'	1.63		1.3	3.33	1.12	0.5	1.9	0.91 No	0.5 Element Fault
TWL079	283	'5778908_/_43782774'	4.3		3.9	10	3.37	2.5	5.74	2.72 No	2.5 Element Fault
TWL079	284	'5746444_/_5746441'	5.3		3.9	10	3.37	10	5.39	2.72 No	2.72 Unintentional Islanding
TWL079	285	'5766155_/_5766153'	1.4		1.3	3.33	1.12	0.5	1.95	0.91 No	0.5 Element Fault
TWL079	286	'4716227_/_4716224_2'	5.3		3.9	10	3.37	3.7	5.39	2.72 No	2.72 Unintentional Islanding
TWL079	287	'43784737_/_5792961'	4		3.9	10	3.37	1.6	5.74	2.72 No	1.6 Element Fault
TWL079	288	'5733066_/_5746461'	5.3		3.8	10	3.37	10	5.37	2.72 No	2.72 Unintentional Islanding
TWL079	289	'5735760_/_656617420'	5.1		3.8	10	3.37	1.6	5.44	2.72 No	1.6 Element Fault
TWL079	290	'5777807_/_5777804'	1.57		1.27	3.33	1.12	0.97	1.87	0.91 No	0.91 Unintentional Islanding
TWL079	291	'5733067_/_5733077_1'	1.77		1.27	3.33	1.12	0.5	1.79	0.91 No	0.5 Element Fault
TWL079	292	'5778423_/_5778420'	1.6		1.27	3.33	1.12	0.5	1.88	0.91 No	0.5 Element Fault
TWL079	293	'43773012_/_43773014'	5.3		3.8	10	3.37	10	5.33	2.72 No	2.72 Unintentional Islanding
TWL079	294	'5778073_/_5778083'	1.6		1.27	3.33	1.12	0.5	1.89	0.91 No	0.5 Element Fault
TWL079	295	'5778708_/_5778705'	1.5		1.27	3.33	1.12	0.5	1.86	0.91 No	0.5 Element Fault
TWL079	296	'5776700_/_5776711'	1.4		1.27	3.33	1.12	0.5	1.88	0.91 No	0.5 Element Fault
TWL079	297	'8364224_/_8364222_1'	1.6		1.27	3.33	1.12	0.3	1.84	0.91 No	0.3 Element Fault
TWL079	298	'43781988_/_43781990'	4.6		3.8	10	3.37	2.9	5.56	2.72 No	2.72 Unintentional Islanding
TWL079	299	'5775264_/_5779399'	1.6		1.27	3.33	1.12	0.5	1.87	0.91 No	0.5 Element Fault
TWL079	300	'5734997_/_5735007'	1.63		1.27	3.33	1.12	0.87	1.83	0.91 No	0.87 Element Fault
TWL079	301	'5733080_/_5733077_2'	1.73		1.27	3.33	1.12	0.5	1.77	0.91 No	0.5 Element Fault
TWL079	302	'5766276_/_5766273'	1.37		1.27	3.33	1.12	0.55	1.91	0.91 No	0.55 Element Fault
TWL079	303	'495952211_/_5779273_2'	1.4		1.27	3.33	1.12	0.83	1.88	0.91 No	0.83 Element Fault
TWL079	304	'5746410_/_5746424'	5.2		3.8	10	3.37	10	5.29	2.72 No	2.72 Unintentional Islanding
TWL079	305	'9370971_/_9370968'	3.7		2.9	10	3.37	1.6	5.5	2.72 No	1.6 Element Fault
TWL079	306	'5779275_/_5779273_1'	1.4		1.27	3.33	1.12	0.5	1.88	0.91 No	0.5 Element Fault
TWL079	307	'5736358_/_5736355'	1.67		1.27	3.33	1.12	0.5	1.81	0.91 No	0.5 Element Fault
TWL079	308	'5797103_/_5797114'	1.4		1.27	3.33	1.12	0.5	1.87	0.91 No	0.5 Element Fault

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TWL079	309	'5733037_/_5746407'	5.2	3.8	10	3.37	10	5.26	2.72 No	2.72	Unintentional Islanding
TWL079	310	'656617038_/_5735757_2'	1.7	1.27	3.33	1.12	0.53	1.79	0.91 No	0.53	Element Fault
TWL079	311	'5733038_/_5733048_1'	1.73	1.27	3.33	1.12	0.5	1.75	0.91 No	0.5	Element Fault
TWL079	312	'7729567_/_7729564'	3.13	2.47	6.67	2.24	1.07	3.64	1.81 No	1.07	Element Fault
TWL079	313	'5746373_/_5746390'	5.2	3.7	10	3.37	10	5.23	2.72 No	2.72	Unintentional Islanding
TWL079	314	'5777469_/_5779354'	1.37	1.23	3.33	1.12	0.5	1.86	0.91 No	0.5	Element Fault
TWL079	315	'43782759_/_43782761'	4.1	3.7	10	3.37	2.5	5.57	2.72 No	2.5	Element Fault
TWL079	316	'5736529_/_5736527'	1.6	1.23	3.33	1.12	0.5	1.81	0.91 No	0.5	Element Fault
TWL079	317	'5733051_/_5733048_2'	1.73	1.23	3.33	1.12	0.5	1.74	0.91 No	0.5	Element Fault
TWL079	318	'43779900_/_5766484'	1.37	1.23	3.33	1.12	0.55	1.88	0.91 No	0.55	Element Fault
TWL079	319	'5733009_/_5746370'	5.2	3.7	10	3.37	10	5.2	2.72 No	2.72	Unintentional Islanding
TWL079	320	'5735773_/_656617435'	5	3.7	10	3.37	1.6	5.3	2.72 No	1.6	Element Fault
TWL079	321	'5735786_/_656617452'	5	3.7	10	3.37	1.6	5.3	2.72 No	1.6	Element Fault
TWL079	322	'87958857_/_5733022_1'	1.73	1.23	3.33	1.12	0.8	1.73	0.91 No	0.8	Element Fault
TWL079	323	'5769337_/_5792978'	3.8	3.7	10	3.37	1.6	5.57	2.72 No	1.6	Element Fault
TWL079	324	'5735731_/_5735757_1'	1.7	1.23	3.33	1.12	0.3	1.77	0.91 No	0.3	Element Fault
TWL079	325	'4718070_/_7084628'	5.2	3.7	10	3.37	10	5.17	2.72 No	2.72	Unintentional Islanding
TWL079	326	'5737046_/_5737043'	3.13	2.47	6.67	2.24	1.07	3.59	1.81 No	1.07	Element Fault
TWL079	327	'5733025_/_5733022_2'	1.73	1.23	3.33	1.12	0.8	1.72	0.91 No	0.8	Element Fault
TWL079	328	'656617074_/_5735796_1'	1.63	1.23	3.33	1.12	0.3	1.75	0.91 No	0.3	Element Fault
TWL079	329	'4716078_/_4718067'	5.1	3.7	10	3.37	10	5.14	2.72 No	2.72	Unintentional Islanding
TWL079	330	'5778439_/_5778436'	1.53	1.23	3.33	1.12	0.5	1.82	0.91 No	0.5	Element Fault
TWL079	331	'5773393_/_5773407'	4.5	3.7	10	3.37	2.9	5.4	2.72 No	2.72	Unintentional Islanding
TWL079	332	'5734764_/_5734774'	1.57	1.23	3.33	1.12	0.53	1.78	0.91 No	0.53	Element Fault
TWL079	333	'5778874_/_5778888'	4	3.7	10	3.37	2.5	5.48	2.72 No	2.5	Element Fault
TWL079	334	'5743433_/_5743431_1'	1.7	1.23	3.33	1.12	0.5	1.71	0.91 No	0.5	Element Fault
TWL079	335	'5766289_/_5766286'	1.33	1.23	3.33	1.12	0.55	1.85	0.91 No	0.55	Element Fault
TWL079	336	'4718036_/_4718050'	5.1	3.7	10	3.37	10	5.11	2.72 No	2.72	Unintentional Islanding
TWL079	337	'5779289_/_5779286'	1.33	1.23	3.33	1.12	0.5	1.82	0.91 No	0.5	Element Fault
TWL079	338	'4716065_/_4716062_2'	1.7	1.23	3.33	1.12	1.2	1.7	0.91 No	0.91	Unintentional Islanding
TWL079	339	'5779372_/_5779370'	1.53	1.23	3.33	1.12	0.5	1.81	0.91 No	0.5	Element Fault
TWL079	340	'5736581_/_43774266'	1.57	1.2	3.33	1.12	0.5	1.78	0.91 No	0.5	Element Fault
TWL079	341	'5778721_/_5778718'	1.43	1.2	3.33	1.12	0.5	1.8	0.91 No	0.5	Element Fault
TWL079	342	'43773945_/_5743486_2'	1.67	1.2	3.33	1.12	0.5	1.71	0.91 No	0.5	Element Fault
TWL079	343	'4716210_/_4716224_1'	5	3.6	10	3.37	1.6	5.16	2.72 No	1.6	Element Fault
TWL079	344	'43778099_/_5736273'	1.63	1.2	3.33	1.12	0.6	1.74	0.91 No	0.6	Element Fault
TWL079	345	'4716052_/_4718033'	5.1	3.6	10	3.37	10	5.08	2.72 No	2.72	Unintentional Islanding
TWL079	346	'5776701_/_5776698'	1.33	1.2	3.33	1.12	0.5	1.81	0.91 No	0.5	Element Fault
TWL079	347	'5775265_/_5775262'	1.53	1.2	3.33	1.12	0.5	1.8	0.91 No	0.5	Element Fault
TWL079	348	'43774110_/_43774112'	1.63	1.2	3.33	1.12	0.2	1.74	0.91 No	0.2	Element Fault
TWL079	349	'43782320_/_5777820'	1.53	1.2	3.33	1.12	0.97	1.78	0.91 No	0.91	Unintentional Islanding
TWL079	350	'43782735_/_43782737'	1.53	1.2	3.33	1.12	0.5	1.8	0.91 No	0.5	Element Fault
TWL079	351	'654956280_/_131748544_2'	5.1	3.6	10	3.37	10	5.05	2.72 No	2.72	Unintentional Islanding
TWL079	352	'131748542_/_131748544_1'	5.1	3.6	10	3.37	10	5.05	2.72 No	2.72	Unintentional Islanding
TWL079	353	'5760152_/_43773749'	1.53	1.2	3.33	1.12	0.3	1.76	0.91 No	0.3	Element Fault
TWL079	354	'43781072_/_5769334'	3.7	3.6	10	3.37	1.6	5.42	2.72 No	1.6	Element Fault
TWL079	355	'5797104_/_5797101'	1.33	1.2	3.33	1.12	0.5	1.8	0.91 No	0.5	Element Fault
TWL079	356	'5735584_/_5743473'	1.67	1.2	3.33	1.12	0.5	1.69	0.91 No	0.5	Element Fault
TWL079	357	'4718018_/_4718016'	5.1	3.6	10	3.37	10	5.04	2.72 No	2.72	Unintentional Islanding
TWL079	358	'43778088_/_5736371'	1.6	1.2	3.33	1.12	0.5	1.74	0.91 No	0.5	Element Fault
TWL079	359	'43779911_/_43779902'	1.3	1.2	3.33	1.12	0.55	1.82	0.91 No	0.55	Element Fault
TWL079	360	'4716039_/_4716049_3'	1.7	1.2	3.33	1.12	1.2	1.68	0.91 No	0.91	Unintentional Islanding
TWL079	361	'656617470_/_656617467'	4.8	3.6	10	3.37	1.6	5.16	2.72 No	1.6	Element Fault
TWL079	362	'5778857_/_5778871'	4	3.6	10	3.37	2.5	5.4	2.72 No	2.5	Element Fault
TWL079	363	'43774253_/_5736553'	1.53	1.2	3.33	1.12	0.5	1.76	0.91 No	0.5	Element Fault
TWL079	364	'7655006_/_7655003_2'	5.1	3.6	10	3.37	1.1	5.02	2.72 No	1.1	Element Fault
TWL079	365	'43782582_/_5777467'	1.3	1.2	3.33	1.12	0.5	1.79	0.91 No	0.5	Element Fault
TWL079	366	'4718750_/_53357029'	5.1	3.6	10	3.37	10	5	2.72 No	2.72	Unintentional Islanding
TWL079	367	'4716026_/_4716049_2'	1.67	1.2	3.33	1.12	0.5	1.67	0.91 No	0.5	Element Fault
TWL079	368	'43773541_/_43773543'	1.53	1.2	3.33	1.12	0.87	1.74	0.91 No	0.87	Element Fault
TWL079	369	'4718734_/_4718748'	5	3.6	10	3.37	10	4.99	2.72 No	2.72	Unintentional Islanding
TWL079	370	'5733349_/_5743460_1'	1.7	1.2	3.33	1.12	0.8	1.67	0.91 No	0.8	Element Fault
TWL079	371	'7479442_/_7479440_1'	5	3.6	10	3.37	1.6	4.99	2.72 No	1.6	Element Fault
TWL079	372	'4718717_/_4718731'	5	3.6	10	3.37	10	4.98	2.72 No	2.72	Unintentional Islanding
TWL079	373	'43782818_/_5778449'	1.5	1.2	3.33	1.12	0.5	1.77	0.91 No	0.5	Element Fault
TWL079	374	'4715948_/_4716062_1'	1.7	1.2	3.33	1.12	0.5	1.67	0.91 No	0.5	Element Fault
TWL079	375	'5775281_/_5775278'	1.5	1.17	3.33	1.12	0.5	1.76	0.91 No	0.5	Element Fault
TWL079	376	'5773376_/_5773390'	4.3	3.5	10	3.37	2.9	5.25	2.72 No	2.72	Unintentional Islanding
TWL079	377	'656618215_/_656617488'	4.7	3.5	10	3.37	1.6	5.1	2.72 No	1.6	Element Fault
TWL079	378	'109042190_/_8291940_1'	5	3.5	10	3.37	1.8	4.96	2.72 No	1.8	Element Fault
TWL079	379	'5733486_/_656617511'	4.7	3.5	10	3.37	1.6	5.1	2.72 No	1.6	Element Fault
TWL079	380	'495952250_/_5779221_1'	1.3	1.17	3.33	1.12	0.2	1.77	0.91 No	0.2	Element Fault
TWL079	381	'4718002_/_4718714'	5	3.5	10	3.37	10	4.95	2.72 No	2.72	Unintentional Islanding
TWL079	382	'5766302_/_5766299'	1.3	1.17	3.33	1.12	0.55	1.79	0.91 No	0.55	Element Fault
TWL079	383	'481472018_/_5766471_2'	1.3	1.17	3.33	1.12	0.55	1.79	0.91 No	0.55	Element Fault
TWL079	384	'5777456_/_5779299'	1.3	1.17	3.33	1.12	0.5	1.76	0.91 No	0.5	Element Fault
TWL079	385	'5779223_/_5779221_2'	1.3	1.17	3.33	1.12	0.2	1.77	0.91 No	0.2	Element Fault
TWL079	386	'43565526_/_43565528'	5	3.5	10	3.37	10	4.91	2.72 No	2.72	Unintentional Islanding
TWL079	387	'43784724_/_43784726'	3.6	3.5	10	3.37	1.6	5.3	2.72 No	1.6	Element Fault
TWL079	388	'43773618_/_43773620'	1.5	1.17	3.33	1.12	0.53	1.72	0.91 No	0.53	Element Fault
TWL079	389	'656617107_/_5733509_1'	1.57	1.17	3.33	1.12	0.3	1.69	0.91 No	0.3	Element Fault
TWL079	390	'385420905_/_373939138_1'	4.4	3.1	10	3.37	0.9	4.91	2.72 No	0.9	Element Fault
TWL079	391	'5778840_/_5778854'	3.9	3.5	10	3.37	2.5	5.28	2.72 No	2.5	Element Fault
TWL079	392	'43782606_/_5778731'	1.37	1.17	3.33	1.12	0.5	1.74	0.91 No	0.5	Element Fault
TWL079	393	'4716315_/_5743486_1'	1.6	1.17	3.33	1.12	0.5	1.66	0.91 No	0.5	Element Fault
TWL079	394	'5736194_/_5737218_1'	2.93	2.33	6.67	2.24	1.07	3.44	1.81 No	1.07	Element Fault
TWL079	395	'5736517_/_43774255'	1.5	1.17	3.33	1.12	0.5	1.72	0.91 No	0.5	Element Fault
TWL079	396	'5733297_/_5743431_2'	1.63	1.17	3.33	1.12	0.5	1.65	0.91 No	0.5	Element Fault
TWL079	397	'5778047_/_5778057'	1.47	1.17	3.33	1.12	0.5	1.75	0.91 No	0.5	Element Fault
TWL079	398	'5735799_/_5735796_2'	1.57	1.17	3.33	1.12	0.3	1.68	0.91 No	0.3	Element Fault
TWL079	399	'4716013_/_4716049_1'	1.63	1.17	3.33	1.12	0.5	1.64	0.91 No	0.5	Element Fault
TWL079	400	'4721422_/_4721419'	5	3.5	10	3.37	10	4.88	2.72 No	2.72	Unintentional Islanding
TWL079	401	'43784644_/_43784646'	1.47	1.17	3.33	1.12	0.5	1.74	0.91 No	0.5	Element Fault
TWL079	402	'5793035_/_5792944'	3.6	3.5	10	3.37	1.6	5.25	2.72 No	1.6	Element Fault

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Over-Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TWL079	403	'61718235_/5737218_2'		2.93	2.33	6.67	2.24	1.07	3.41	1.81 No	1.07 Element Fault
TWL079	404	'5773375_/5773373'		4.2	3.5	10	3.37	2.9	5.17	2.72 No	2.72 Unintentional Islanding
TWL079	405	'43782243_/5774100'		1.47	1.17	3.33	1.12	0.97	1.71	0.91 No	0.91 Unintentional Islanding
TWL079	406	'5735611_/43773947'		1.6	1.17	3.33	1.12	0.5	1.65	0.91 No	0.5 Element Fault
TWL079	407	'5792742_/5792739'		1.27	1.17	3.33	1.12	0.5	1.74	0.91 No	0.5 Element Fault
TWL079	408	'4721405_/4721439'		4.9	3.5	10	3.37	10	4.85	2.72 No	2.72 Unintentional Islanding
TWL079	409	'6566617121_/5733509_2'		1.53	1.17	3.33	1.12	0.3	1.67	0.91 No	0.3 Element Fault
TWL079	410	'5733473_/656617538'		4.6	3.5	10	3.37	1.6	5.01	2.72 No	1.6 Element Fault
TWL079	411	'52336267_/52336176_1'		1.47	1.17	3.33	1.12	0.3	1.7	0.91 No	0.3 Element Fault
TWL079	412	'9548187_/9685464_1'		4.9	3.5	10	3.37	1.6	4.85	2.72 No	1.6 Element Fault
TWL079	413	'5774103_/7416343_1'		1.47	1.17	3.33	1.12	0.3	1.71	0.91 No	0.3 Element Fault
TWL079	414	'5733242_/7084920'		1.63	1.13	3.33	1.12	0.5	1.62	0.91 No	0.5 Element Fault
TWL079	415	'4717463_/4721402'		4.9	3.4	10	3.37	10	4.82	2.72 No	2.72 Unintentional Islanding
TWL079	416	'5766516_/43779913'		1.23	1.13	3.33	1.12	0.55	1.75	0.91 No	0.55 Element Fault
TWL079	417	'572712024_/534483492_2'		4.9	3.4	10	3.37	5.5	4.81	2.72 No	2.72 Unintentional Islanding
TWL079	418	'43773552_/43773554'		1.47	1.13	3.33	1.12	0.87	1.68	0.91 No	0.87 Element Fault
TWL079	419	'8291747_/8291940_2'		4.9	3.4	10	3.37	1.8	4.84	2.72 No	1.8 Element Fault
TWL079	420	'5777470_/43782584'		1.27	1.13	3.33	1.12	0.5	1.72	0.91 No	0.5 Element Fault
TWL079	421	'43565397_/43565399'		4.9	3.4	10	3.37	10	4.79	2.72 No	2.72 Unintentional Islanding
TWL079	422	'5733612_/5733622'		1.53	1.13	3.33	1.12	0.2	1.66	0.91 No	0.2 Element Fault
TWL079	423	'43565936_/43565938'		1.57	1.13	3.33	1.12	0.5	1.62	0.91 No	0.5 Element Fault
TWL079	424	'5760136_/5760149'		1.43	1.13	3.33	1.12	0.3	1.68	0.91 No	0.3 Element Fault
TWL079	425	'5793055_/5793052'		3.5	3.4	10	3.37	1.6	5.18	2.72 No	1.6 Element Fault
TWL079	426	'5760164_/5783966'		1.4	1.13	3.33	1.12	0.97	1.7	0.91 No	0.91 Unintentional Islanding
TWL079	427	'8679132_/8679130_1'		3.5	3.4	10	3.37	0.9	5.17	2.72 No	0.9 Element Fault
TWL079	428	'5778823_/5778837'		3.8	3.4	10	3.37	2.5	5.16	2.72 No	2.5 Element Fault
TWL079	429	'5779237_/5779234'		1.27	1.13	3.33	1.12	0.2	1.72	0.91 No	0.2 Element Fault
TWL079	430	'5736294_/43778101'		1.53	1.13	3.33	1.12	0.6	1.65	0.91 No	0.6 Element Fault
TWL079	431	'8918176_/534483492_1'		4.8	3.4	10	3.37	1.6	4.78	2.72 No	1.6 Element Fault
TWL079	432	'43565410_/43565412'		4.8	3.4	10	3.37	10	4.76	2.72 No	2.72 Unintentional Islanding
TWL079	433	'4716090_/5743460_2'		1.63	1.13	3.33	1.12	0.8	1.61	0.91 No	0.8 Element Fault
TWL079	434	'9622931_/9622929_2'		4.1	3.4	10	3.37	0.9	5.08	2.72 No	0.9 Element Fault
TWL079	435	'119341244_/119341150_2'		4.8	3.4	10	3.37	5.5	4.75	2.72 No	2.72 Unintentional Islanding
TWL079	436	'43773054_/5733347'		1.63	1.13	3.33	1.12	0.8	1.61	0.91 No	0.8 Element Fault
TWL079	437	'431864136_/431864138'		4.8	3.4	10	3.37	10	4.75	2.72 No	2.72 Unintentional Islanding
TWL079	438	'43565923_/43565925'		4.6	3.4	10	3.37	1.6	4.89	2.72 No	1.6 Element Fault
TWL079	439	'43773143_/5733295'		1.57	1.13	3.33	1.12	0.5	1.61	0.91 No	0.5 Element Fault
TWL079	440	'5775252_/5775291'		1.43	1.13	3.33	1.12	0.5	1.69	0.91 No	0.5 Element Fault
TWL079	441	'43779867_/5766312'		1.23	1.13	3.33	1.12	0.55	1.72	0.91 No	0.55 Element Fault
TWL079	442	'4717409_/4717423'		4.8	3.4	10	3.37	10	4.73	2.72 No	2.72 Unintentional Islanding
TWL079	443	'43782571_/5777454'		1.23	1.13	3.33	1.12	0.5	1.7	0.91 No	0.5 Element Fault
TWL079	444	'43773187_/656617553'		4.5	3.4	10	3.37	1.6	4.91	2.72 No	1.6 Element Fault
TWL079	445	'5736387_/43778090'		1.5	1.13	3.33	1.12	0.5	1.65	0.91 No	0.5 Element Fault
TWL079	446	'5778464_/43782820'		1.43	1.13	3.33	1.12	0.5	1.69	0.91 No	0.5 Element Fault
TWL079	447	'43773923_/5735582'		1.57	1.13	3.33	1.12	0.5	1.61	0.91 No	0.5 Element Fault
TWL079	448	'5736193_/5736191'		1.47	1.13	3.33	1.12	0.53	1.66	0.91 No	0.53 Element Fault
TWL079	449	'7654509_/7654507_1'		4.8	3.4	10	3.37	1.5	4.72	2.72 No	1.5 Element Fault
TWL079	450	'5778806_/5778820'		3.7	3.4	10	3.37	2.5	5.09	2.72 No	2.5 Element Fault
TWL079	451	'5777995_/5778044'		1.4	1.13	3.33	1.12	0.5	1.69	0.91 No	0.5 Element Fault
TWL079	452	'8679133_/8679130_2'		3.5	3.4	10	3.37	0.9	5.1	2.72 No	0.9 Element Fault
TWL079	453	'4717392_/4717406'		4.8	3.4	10	3.37	10	4.7	2.72 No	2.72 Unintentional Islanding
TWL079	454	'7339636_/8291744'		4.8	3.4	10	3.37	1.8	4.76	2.72 No	1.8 Element Fault
TWL079	455	'43774231_/43774233'		1.43	1.13	3.33	1.12	0.5	1.66	0.91 No	0.5 Element Fault
TWL079	456	'5735624_/5735621'		1.53	1.13	3.33	1.12	0.5	1.6	0.91 No	0.5 Element Fault
TWL079	457	'7479443_/7479440_2'		4.7	3.3	10	3.37	1.6	4.75	2.72 No	1.6 Element Fault
TWL079	458	'43781975_/43781977'		4.1	3.3	10	3.37	2.9	5	2.72 No	2.72 Unintentional Islanding
TWL079	459	'7729516_/9685464_2'		4.7	3.3	10	3.37	1.6	4.71	2.72 No	1.6 Element Fault
TWL079	460	'431863975_/431864171'		4.8	3.3	10	3.37	4.8	4.69	2.72 No	2.72 Unintentional Islanding
TWL079	461	'435401069_/431863972_2'		4.8	3.3	10	3.37	4.8	4.69	2.72 No	2.72 Unintentional Islanding
TWL079	462	'5736312_/5736324'		1.53	1.1	3.33	1.12	0.6	1.62	0.91 No	0.6 Element Fault
TWL079	463	'43565423_/43565425'		4.7	3.3	10	3.37	10	4.67	2.72 No	2.72 Unintentional Islanding
TWL079	464	'4715935_/4715945'		1.6	1.1	3.33	1.12	0.5	1.58	0.91 No	0.5 Element Fault
TWL079	465	'5766461_/5766471_1'		1.2	1.1	3.33	1.12	0.3	1.7	0.91 No	0.3 Element Fault
TWL079	466	'52336215_/52336176_2'		1.43	1.1	3.33	1.12	0.3	1.65	0.91 No	0.3 Element Fault
TWL079	467	'5735730_/5735728'		1.53	1.1	3.33	1.12	0.3	1.62	0.91 No	0.3 Element Fault
TWL079	468	'5792826_/5792824'		1.23	1.1	3.33	1.12	0.5	1.67	0.91 No	0.5 Element Fault
TWL079	469	'43773209_/5733525'		1.47	1.1	3.33	1.12	0.3	1.61	0.91 No	0.3 Element Fault
TWL079	470	'43782618_/43782608'		1.3	1.1	3.33	1.12	0.5	1.66	0.91 No	0.5 Element Fault
TWL079	471	'43565436_/43565438'		4.7	3.3	10	3.37	10	4.65	2.72 No	2.72 Unintentional Islanding
TWL079	472	'495952225_/5779169_1'		1.23	1.1	3.33	1.12	0.5	1.68	0.91 No	0.5 Element Fault
TWL079	473	'5733596_/5733609'		1.5	1.1	3.33	1.12	0.2	1.61	0.91 No	0.2 Element Fault
TWL079	474	'43782746_/5778803'		3.7	3.3	10	3.37	2.5	5.03	2.72 No	2.5 Element Fault
TWL079	475	'4717358_/4717355_2'		4.7	3.3	10	3.37	10	4.65	2.72 No	2.72 Unintentional Islanding
TWL079	476	'5766529_/5766526'		1.2	1.1	3.33	1.12	0.55	1.69	0.91 No	0.55 Element Fault
TWL079	477	'5766409_/5766406'		1.2	1.1	3.33	1.12	0.55	1.69	0.91 No	0.55 Element Fault
TWL079	478	'43773563_/43773565'		1.43	1.1	3.33	1.12	0.87	1.63	0.91 No	0.87 Element Fault
TWL079	479	'5779171_/5779169_2'		1.23	1.1	3.33	1.12	0.5	1.67	0.91 No	0.5 Element Fault
TWL079	480	'5734738_/5734748'		1.43	1.1	3.33	1.12	0.53	1.63	0.91 No	0.53 Element Fault
TWL079	481	'4716299_/4716312'		1.5	1.1	3.33	1.12	0.5	1.58	0.91 No	0.5 Element Fault
TWL079	482	'5733447_/656617572'		4.4	3.3	10	3.37	1.6	4.81	2.72 No	1.6 Element Fault
TWL079	483	'5777444_/5779247'		1.2	1.1	3.33	1.12	0.2	1.67	0.91 No	0.2 Element Fault
TWL079	484	'373939291_/373939295'		2.93	2.07	6.67	2.24	1.07	3.1	1.81 No	1.07 Element Fault
TWL079	485	'43773154_/5733240'		1.53	1.1	3.33	1.12	0.5	1.56	0.91 No	0.5 Element Fault
TWL079	486	'5778465_/5778462'		1.37	1.1	3.33	1.12	0.5	1.65	0.91 No	0.5 Element Fault
TWL079	487	'5760123_/5760133'		1.4	1.1	3.33	1.12	0.3	1.62	0.91 No	0.3 Element Fault
TWL079	488	'7729517_/7729514'		4.6	3.3	10	3.37	1.6	4.64	2.72 No	1.6 Element Fault
TWL079	489	'5797522_/5797533'		1.37	1.1	3.33	1.12	0.5	1.64	0.91 No	0.5 Element Fault
TWL079	490	'45374214_/5766328'		1.2	1.1	3.33	1.12	0.55	1.67	0.91 No	0.55 Element Fault
TWL079	491	'43565773_/43565775'		1.53	1.1	3.33	1.12	0.5	1.55	0.91 No	0.5 Element Fault
TWL079	492	'5777966_/5777992'		1.37	1.07	3.33	1.12	0.5	1.64	0.91 No	0.5 Element Fault
TWL079	493	'7416346_/7416343_2'		1.37	1.07	3.33	1.12	0.3	1.62	0.91 No	0.3 Element Fault
TWL079	494	'43778394_/5760162'		1.4	1.07	3.33	1.12	0.97	1.62	0.91 No	0.91 Unintentional Islanding
TWL079	495	'5777457_/43782573'		1.2	1.07	3.33	1.12	0.5	1.64	0.91 No	0.5 Element Fault
TWL079	496	'5773359_/5779656'		4	3.2	10	3.37	2.9	4.87	2.72 No	2.72 Unintentional Islanding

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
											VSR (MW)	Limiting Threshold
TWL079	497	'5735676_/_5735715'		1.5	1.07	3.33	1.12	0.3	1.58	0.91 No	0.3	Element Fault
TWL079	498	'347904257_/_264010116_1'		4	3.2	10	3.37	1	4.86	2.72 No	1	Element Fault
TWL079	499	'5772977_/_5778786'		3.6	3.2	10	3.37	2.5	4.91	2.72 No	2.5	Element Fault
TWL079	500	'119341139_/_119341150_1'		4.6	3.2	10	3.37	1.6	4.57	2.72 No	1.6	Element Fault
TWL079	501	'5737140_/_5737137'		1.47	1.07	3.33	1.12	0.6	1.57	0.91 No	0.6	Element Fault
TWL079	502	'5735702_/_5735744'		1.47	1.07	3.33	1.12	0.3	1.57	0.91 No	0.3	Element Fault
TWL079	503	'52336257_/_43774068'		1.4	1.07	3.33	1.12	0.3	1.59	0.91 No	0.3	Element Fault
TWL079	504	'4716091_/_4716088'		1.53	1.07	3.33	1.12	0.8	1.54	0.91 No	0.8	Element Fault
TWL079	505	'4716176_/_4716190'		4.4	3.2	10	3.37	1.6	4.67	2.72 No	1.6	Element Fault
TWL079	506	'5778491_/_5778488'		1.33	1.07	3.33	1.12	0.5	1.61	0.91 No	0.5	Element Fault
TWL079	507	'5766198_/_5766458'		1.17	1.07	3.33	1.12	0.3	1.64	0.91 No	0.3	Element Fault
TWL079	508	'43774275_/_43774277'		1.47	1.07	3.33	1.12	0.6	1.57	0.91 No	0.6	Element Fault
TWL079	509	'5766542_/_5766539'		1.17	1.07	3.33	1.12	0.55	1.64	0.91 No	0.55	Element Fault
TWL079	510	'5733392_/_656617599'		4.3	3.2	10	3.37	1.6	4.68	2.72 No	1.6	Element Fault
TWL079	511	'5735585_/_43773925'		1.47	1.07	3.33	1.12	0.5	1.54	0.91 No	0.5	Element Fault
TWL079	512	'43774055_/_43774057'		1.37	1.07	3.33	1.12	0.53	1.59	0.91 No	0.53	Element Fault
TWL079	513	'8599767_/_534483475'		4.6	3.2	10	3.37	1.6	4.54	2.72 No	1.6	Element Fault
TWL079	514	'44685056_/_5778757'		1.23	1.07	3.33	1.12	0.5	1.6	0.91 No	0.5	Element Fault
TWL079	515	'5759589_/_5759603'		1.4	1.07	3.33	1.12	0.5	1.57	0.91 No	0.5	Element Fault
TWL079	516	'5733595_/_5733593'		1.43	1.07	3.33	1.12	0.2	1.56	0.91 No	0.2	Element Fault
TWL079	517	'5766370_/_5766419'		1.17	1.07	3.33	1.12	0.55	1.63	0.91 No	0.55	Element Fault
TWL079	518	'5779185_/_5779182'		1.17	1.07	3.33	1.12	0.5	1.62	0.91 No	0.5	Element Fault
TWL079	519	'52311448_/_5778501_1'		1.33	1.07	3.33	1.12	0.3	1.6	0.91 No	0.3	Element Fault
TWL079	520	'246895484_/_264010116_2'		3.9	3.2	10	3.37	1	4.78	2.72 No	1	Element Fault
TWL079	521	'5777982_/_5777979'		1.33	1.07	3.33	1.12	0.5	1.61	0.91 No	0.5	Element Fault
TWL079	522	'43784701_/_43784703'		1.17	1.07	3.33	1.12	0.5	1.6	0.91 No	0.5	Element Fault
TWL079	523	'43782560_/_43782562'		1.17	1.07	3.33	1.12	0.2	1.61	0.91 No	0.2	Element Fault
TWL079	524	'7730541_/_8991775'		1.33	1.07	3.33	1.12	0.3	1.58	0.91 No	0.3	Element Fault
TWL079	525	'656617162_/_5733389_2'		1.43	1.07	3.33	1.12	0.53	1.55	0.91 No	0.53	Element Fault
TWL079	526	'5797523_/_5797520'		1.33	1.07	3.33	1.12	0.5	1.6	0.91 No	0.5	Element Fault
TWL079	527	'5733311_/_43773145'		1.47	1.07	3.33	1.12	0.5	1.52	0.91 No	0.5	Element Fault
TWL079	528	'5734955_/_5734968'		1.37	1.07	3.33	1.12	0.87	1.57	0.91 No	0.87	Element Fault
TWL079	529	'4716243_/_7084648'		1.47	1.03	3.33	1.12	0.5	1.52	0.91 No	0.5	Element Fault
TWL079	530	'5735663_/_5735673'		1.43	1.03	3.33	1.12	0.3	1.54	0.91 No	0.3	Element Fault
TWL079	531	'5736503_/_43774244'		1.33	1.03	3.33	1.12	0.5	1.57	0.91 No	0.5	Element Fault
TWL079	532	'5773342_/_5773356'		3.9	3.1	10	3.37	2.9	4.74	2.72 No	2.72	Unintentional Islanding
TWL079	533	'5772960_/_5772974'		3.5	3.1	10	3.37	2.5	4.79	2.72 No	2.5	Element Fault
TWL079	534	'5733376_/_5733389_1'		1.43	1.03	3.33	1.12	0.3	1.54	0.91 No	0.3	Element Fault
TWL079	535	'43778383_/_5760120'		1.33	1.03	3.33	1.12	0.3	1.56	0.91 No	0.3	Element Fault
TWL079	536	'5733421_/_656617614'		4.2	3.1	10	3.37	1.6	4.6	2.72 No	1.6	Element Fault
TWL079	537	'5766357_/_5766367'		1.13	1.03	3.33	1.12	0.55	1.6	0.91 No	0.55	Element Fault
TWL079	538	'5734725_/_5734735'		1.33	1.03	3.33	1.12	0.53	1.55	0.91 No	0.53	Element Fault
TWL079	539	'5733541_/_43773211'		1.4	1.03	3.33	1.12	0.3	1.53	0.91 No	0.3	Element Fault
TWL079	540	'43565751_/_43565753'		1.5	1.03	3.33	1.12	0.5	1.5	0.91 No	0.5	Element Fault
TWL079	541	'373939333_/_373939337'		4.4	3.1	10	3.37	1.6	4.46	2.72 No	1.6	Element Fault
TWL079	542	'5777953_/_5777963'		1.3	1.03	3.33	1.12	0.5	1.58	0.91 No	0.5	Element Fault
TWL079	543	'656617703_/_656617659_1'		4.2	3.1	10	3.37	0.9	4.59	2.72 No	0.9	Element Fault
TWL079	544	'7655005_/_7655003_1'		4.4	3.1	10	3.37	1.1	4.49	2.72 No	1.1	Element Fault
TWL079	545	'5735689_/_5735699'		1.43	1.03	3.33	1.12	0.3	1.52	0.91 No	0.3	Element Fault
TWL079	546	'5735598_/_5735595'		1.43	1.03	3.33	1.12	0.5	1.5	0.91 No	0.5	Element Fault
TWL079	547	'5735650_/_5735660'		1.43	1.03	3.33	1.12	0.3	1.52	0.91 No	0.3	Element Fault
TWL079	548	'5760181_/_5760178'		1.4	1.03	3.33	1.12	0.97	1.56	0.91 No	0.91	Unintentional Islanding
TWL079	549	'5766197_/_5766195'		1.13	1.03	3.33	1.12	0.3	1.59	0.91 No	0.3	Element Fault
TWL079	550	'43565947_/_43565949'		1.4	1.03	3.33	1.12	0.5	1.5	0.91 No	0.5	Element Fault
TWL079	551	'5778504_/_5778501_2'		1.3	1.03	3.33	1.12	0.3	1.56	0.91 No	0.3	Element Fault
TWL079	552	'43779922_/_5766552'		1.13	1.03	3.33	1.12	0.55	1.59	0.91 No	0.55	Element Fault
TWL079	553	'4715987_/_4715997'		1.43	1.03	3.33	1.12	0.5	1.48	0.91 No	0.5	Element Fault
TWL079	554	'5777418_/_5779195'		1.13	1.03	3.33	1.12	0.5	1.57	0.91 No	0.5	Element Fault
TWL079	555	'5733259_/_43773156'		1.43	1.03	3.33	1.12	0.5	1.48	0.91 No	0.5	Element Fault
TWL079	556	'5735958_/_5735968'		1.33	1.03	3.33	1.12	0.3	1.54	0.91 No	0.3	Element Fault
TWL079	557	'5772943_/_5772957'		3.4	3.1	10	3.37	2.5	4.72	2.72 No	2.5	Element Fault
TWL079	558	'552470502_/_5773855_1'		1.13	1.03	3.33	1.12	0.5	1.57	0.91 No	0.5	Element Fault
TWL079	559	'5774256_/_5777428'		1.13	1.03	3.33	1.12	0.2	1.56	0.91 No	0.2	Element Fault
TWL079	560	'43782001_/_5773993'		3.8	3.1	10	3.37	2.9	4.65	2.72 No	2.72	Unintentional Islanding
TWL079	561	'43779834_/_5766208'		1.13	1.03	3.33	1.12	0.3	1.58	0.91 No	0.3	Element Fault
TWL079	562	'552470476_/_5772994_1'		1.13	1.03	3.33	1.12	0.5	1.56	0.91 No	0.5	Element Fault
TWL079	563	'9234822_/_601791151'		4.4	3	10	3.37	1.6	4.39	2.72 No	1.6	Element Fault
TWL079	564	'5778021_/_5778031'		1.3	1	3.33	1.12	0.5	1.55	0.91 No	0.5	Element Fault
TWL079	565	'43778111_/_5737150'		1.4	1	3.33	1.12	0.6	1.51	0.91 No	0.6	Element Fault
TWL079	566	'431863905_/_431863972_1'		4.4	3	10	3.37	1	4.37	2.72 No	1	Element Fault
TWL079	567	'5735688_/_5735686'		1.4	1	3.33	1.12	0.3	1.5	0.91 No	0.3	Element Fault
TWL079	568	'5792788_/_5792811'		1.13	1	3.33	1.12	0.5	1.55	0.91 No	0.5	Element Fault
TWL079	569	'5773325_/_5773339'		3.7	3	10	3.37	2.9	4.62	2.72 No	2.72	Unintentional Islanding
TWL079	570	'435400915_/_431863927_2'		4.4	3	10	3.37	1	4.36	2.72 No	1	Element Fault
TWL079	571	'7339635_/_7339633'		4.3	3	10	3.37	1.8	4.4	2.72 No	1.8	Element Fault
TWL079	572	'5733658_/_5733656'		1.4	1	3.33	1.12	0.6	1.5	0.91 No	0.6	Element Fault
TWL079	573	'7415423_/_7730539'		1.3	1	3.33	1.12	0.3	1.53	0.91 No	0.3	Element Fault
TWL079	574	'9409393_/_9721774'		1.27	1	3.33	1.12	0.53	1.49	0.91 No	0.53	Element Fault
TWL079	575	'5772997_/_5772994_2'		1.1	1	3.33	1.12	0.5	1.55	0.91 No	0.5	Element Fault
TWL079	576	'4716159_/_4716173'		4.2	3	10	3.37	1.6	4.46	2.72 No	1.6	Element Fault
TWL079	577	'43782309_/_5773855_2'		1.1	1	3.33	1.12	0.5	1.55	0.91 No	0.5	Element Fault
TWL079	578	'5736881_/_5736879'		1.4	1	3.33	1.12	0.3	1.49	0.91 No	0.3	Element Fault
TWL079	579	'43773934_/_43773936'		1.4	1	3.33	1.12	0.3	1.48	0.91 No	0.3	Element Fault
TWL079	580	'5733375_/_5733373'		1.37	1	3.33	1.12	0.3	1.49	0.91 No	0.3	Element Fault
TWL079	581	'43774187_/_5759587'		1.33	1	3.33	1.12	0.5	1.5	0.91 No	0.5	Element Fault
TWL079	582	'5772926_/_5772940'		3.3	3	10	3.37	2.5	4.63	2.72 No	2.5	Element Fault
TWL079	583	'43565762_/_4716101'		1.43	1	3.33	1.12	0.8	1.46	0.91 No	0.8	Element Fault
TWL079	584	'5736168_/_5736178'		1.3	1	3.33	1.12	0.53	1.51	0.91 No	0.53	Element Fault
TWL079	585	'5766435_/_5766432'		1.1	1	3.33	1.12	0.55	1.55	0.91 No	0.55	Element Fault
TWL079	586	'4716244_/_4716241'		1.4	1	3.33	1.12	0.5	1.46	0.91 No	0.5	Element Fault
TWL079	587	'43779889_/_43779891'		1.1	1	3.33	1.12	0.55	1.55	0.91 No	0.55	Element Fault
TWL079	588	'5774012_/_43782003'		3.7	3	10	3.37	2.9	4.55	2.72 No	2.72	Unintentional Islanding
TWL079	589	'552470447_/_5772923_2'		3.3	3	10	3.37	2.5	4.6	2.72 No	2.5	Element Fault
TWL079	590	'5734942_/_5734952'		1.3	1	3.33	1.12	0.87	1.5	0.91 No	0.87	Element Fault

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TWL079	591	'43779845_/5797322'		1.1	1	3.33	1.12	0.3	1.54	0.91 No	0.3 Element Fault
TWL079	592	'5733324_/5733321'		1.4	1	3.33	1.12	0.5	1.45	0.91 No	0.5 Element Fault
TWL079	593	'43778382_/5760107'		1.27	1	3.33	1.12	0.3	1.5	0.91 No	0.3 Element Fault
TWL079	594	'43782807_/5778517'		1.27	1	3.33	1.12	0.3	1.52	0.91 No	0.3 Element Fault
TWL079	595	'5777901_/5777950'		1.27	1	3.33	1.12	0.5	1.52	0.91 No	0.5 Element Fault
TWL079	596	'7340577_/7340575'		4.2	3	10	3.37	1.8	4.33	2.72 No	1.8 Element Fault
TWL079	597	'656617643_/656617659_2'		4	3	10	3.37	0.9	4.42	2.72 No	0.9 Element Fault
TWL079	598	'5774030_/5774027'		3.7	3	10	3.37	2.9	4.53	2.72 No	2.72 Unintentional Islanding
TWL079	599	'5778020_/5778018'		1.27	1	3.33	1.12	0.5	1.52	0.91 No	0.5 Element Fault
TWL079	600	'5760194_/5760191'		1.33	1	3.33	1.12	0.97	1.5	0.91 No	0.91 Unintentional Islanding
TWL079	601	'5737169_/43778113'		1.33	1	3.33	1.12	0.6	1.47	0.91 No	0.6 Element Fault
TWL079	602	'552470534_/5778148_1'		1.27	1	3.33	1.12	0.5	1.52	0.91 No	0.5 Element Fault
TWL079	603	'552470580_/5777911_1'		1.27	1	3.33	1.12	0.5	1.52	0.91 No	0.5 Element Fault
TWL079	604	'5774257_/5774254'		1.1	1	3.33	1.12	0.2	1.52	0.91 No	0.2 Element Fault
TWL079	605	'8052705_/8052703_1'		3.7	3	10	3.37	0.9	4.52	2.72 No	0.9 Element Fault
TWL079	606	'43779927_/43779924'		1.07	1	3.33	1.12	0.55	1.53	0.91 No	0.55 Element Fault
TWL079	607	'5773324_/5773322'		3.7	3	10	3.37	2.9	4.52	2.72 No	2.72 Unintentional Islanding
TWL079	608	'5765869_/5766221'		1.07	1	3.33	1.12	0.3	1.53	0.91 No	0.3 Element Fault
TWL079	609	'43774077_/43774079'		1.3	1	3.33	1.12	0.3	1.49	0.91 No	0.3 Element Fault
TWL079	610	'5773858_/43782311'		1.1	0.97	3.33	1.12	0.5	1.51	0.91 No	0.5 Element Fault
TWL079	611	'7415424_/7415421_1'		1.13	0.9	3.33	1.12	0.3	1.49	0.91 No	0.3 Element Fault
TWL079	612	'43782386_/43782388'		1.1	0.97	3.33	1.12	0.5	1.51	0.91 No	0.5 Element Fault
TWL079	613	'4715909_/4715919'		1.43	0.97	3.33	1.12	0.5	1.43	0.91 No	0.5 Element Fault
TWL079	614	'601791202_/601791168'		4.2	2.9	10	3.37	1.6	4.26	2.72 No	1.6 Element Fault
TWL079	615	'5774013_/5774010'		3.6	2.9	10	3.37	2.9	4.49	2.72 No	2.72 Unintentional Islanding
TWL079	616	'437773607_/437773609'		1.27	0.97	3.33	1.12	0.53	1.48	0.91 No	0.53 Element Fault
TWL079	617	'43773198_/5737487'		1.3	0.97	3.33	1.12	0.3	1.46	0.91 No	0.3 Element Fault
TWL079	618	'5773013_/5773010'		1.1	0.97	3.33	1.12	0.5	1.51	0.91 No	0.5 Element Fault
TWL079	619	'44664321_/4716283'		1.33	0.97	3.33	1.12	0.5	1.44	0.91 No	0.5 Element Fault
TWL079	620	'5792787_/5792785'		1.07	0.97	3.33	1.12	0.5	1.5	0.91 No	0.5 Element Fault
TWL079	621	'5772909_/5772923_1'		3.2	2.9	10	3.37	1.6	4.51	2.72 No	1.6 Element Fault
TWL079	622	'5792576_/5792573'		3.6	2.9	10	3.37	2.9	4.47	2.72 No	2.72 Unintentional Islanding
TWL079	623	'5737182_/5737179'		1.33	0.97	3.33	1.12	0.6	1.45	0.91 No	0.6 Element Fault
TWL079	624	'4715974_/4715984'		1.37	0.97	3.33	1.12	0.5	1.42	0.91 No	0.5 Element Fault
TWL079	625	'49934597_/7730555_1'		3.6	2.9	10	3.37	0.9	4.45	2.72 No	0.9 Element Fault
TWL079	626	'5733272_/5733269'		1.37	0.97	3.33	1.12	0.5	1.42	0.91 No	0.5 Element Fault
TWL079	627	'5734929_/5734939'		1.27	0.97	3.33	1.12	0.87	1.46	0.91 No	0.87 Element Fault
TWL079	628	'5765856_/5765867'		1.07	0.97	3.33	1.12	0.3	1.51	0.91 No	0.3 Element Fault
TWL079	629	'5777888_/5777898'		1.23	0.97	3.33	1.12	0.5	1.49	0.91 No	0.5 Element Fault
TWL079	630	'8052419_/8995293'		1.23	0.97	3.33	1.12	0.53	1.44	0.91 No	0.53 Element Fault
TWL079	631	'8995608_/8995605_2'		1.07	0.97	3.33	1.12	0.53	1.5	0.91 No	0.53 Element Fault
TWL079	632	'5766396_/5766445'		1.07	0.97	3.33	1.12	0.55	1.51	0.91 No	0.55 Element Fault
TWL079	633	'8052420_/8052417'		1.23	0.97	3.33	1.12	0.53	1.44	0.91 No	0.53 Element Fault
TWL079	634	'5792593_/5792590'		1.2	0.97	3.33	1.12	0.97	1.48	0.91 No	0.91 Unintentional Islanding
TWL079	635	'5777914_/5777911_2'		1.23	0.97	3.33	1.12	0.5	1.48	0.91 No	0.5 Element Fault
TWL079	636	'43773176_/5733334'		1.33	0.97	3.33	1.12	0.5	1.41	0.91 No	0.5 Element Fault
TWL079	637	'5772815_/5772906'		3.2	2.9	10	3.37	1.6	4.47	2.72 No	1.6 Element Fault
TWL079	638	'5778533_/43782809'		1.23	0.97	3.33	1.12	0.3	1.47	0.91 No	0.3 Element Fault
TWL079	639	'8052706_/8052703_2'		3.6	2.9	10	3.37	0.9	4.42	2.72 No	0.9 Element Fault
TWL079	640	'5735636_/5735634'		1.33	0.97	3.33	1.12	0.3	1.43	0.91 No	0.3 Element Fault
TWL079	641	'7415471_/8995605_1'		1.07	0.97	3.33	1.12	0.3	1.48	0.91 No	0.3 Element Fault
TWL079	642	'5774270_/5774267'		1.07	0.97	3.33	1.12	0.2	1.48	0.91 No	0.2 Element Fault
TWL079	643	'5733677_/5733674'		1.33	0.97	3.33	1.12	0.6	1.44	0.91 No	0.6 Element Fault
TWL079	644	'5778151_/5778148_2'		1.23	0.97	3.33	1.12	0.5	1.48	0.91 No	0.5 Element Fault
TWL079	645	'5766343_/5766354'		1.07	0.97	3.33	1.12	0.55	1.49	0.91 No	0.55 Element Fault
TWL079	646	'5773959_/5773956'		3.5	2.9	10	3.37	2.9	4.41	2.72 No	2.72 Unintentional Islanding
TWL079	647	'5766185_/5797309'		1.03	0.97	3.33	1.12	0.3	1.49	0.91 No	0.3 Element Fault
TWL079	648	'5777875_/5777885'		1.2	0.97	3.33	1.12	0.5	1.47	0.91 No	0.5 Element Fault
TWL079	649	'5736400_/43774189'		1.27	0.97	3.33	1.12	0.5	1.44	0.91 No	0.5 Element Fault
TWL079	650	'368928351_/9548480'		4.1	2.9	10	3.37	1.8	4.19	2.72 No	1.8 Element Fault
TWL079	651	'5766383_/5766393'		1.03	0.97	3.33	1.12	0.55	1.48	0.91 No	0.55 Element Fault
TWL079	652	'5773289_/5773299'		3.5	2.8	10	3.37	2.9	4.38	2.72 No	2.72 Unintentional Islanding
TWL079	653	'5765843_/5765854'		1.03	0.93	3.33	1.12	0.3	1.48	0.91 No	0.3 Element Fault
TWL079	654	'44664308_/4716117'		1.37	0.93	3.33	1.12	0.8	1.4	0.91 No	0.8 Element Fault
TWL079	655	'8919251_/368928355'		4.1	2.8	10	3.37	1.4	4.18	2.72 No	1.4 Element Fault
TWL079	656	'5774231_/5774241'		1.07	0.93	3.33	1.12	0.5	1.47	0.91 No	0.5 Element Fault
TWL079	657	'43565888_/43565890'		3.9	2.8	10	3.37	1.6	4.25	2.72 No	1.6 Element Fault
TWL079	658	'43782408_/5776481'		1.07	0.93	3.33	1.12	0.2	1.46	0.91 No	0.2 Element Fault
TWL079	659	'368928307_/8919249'		4.1	2.8	10	3.37	1.4	4.16	2.72 No	1.4 Element Fault
TWL079	660	'43778372_/5760204'		1.27	0.93	3.33	1.12	0.97	1.44	0.91 No	0.91 Unintentional Islanding
TWL079	661	'43565958_/4716254'		1.3	0.93	3.33	1.12	0.5	1.39	0.91 No	0.5 Element Fault
TWL079	662	'43774044_/43774046'		1.23	0.93	3.33	1.12	0.53	1.43	0.91 No	0.53 Element Fault
TWL079	663	'5736413_/5736410'		1.27	0.93	3.33	1.12	0.5	1.42	0.91 No	0.5 Element Fault
TWL079	664	'45373575_/5760023'		1.23	0.93	3.33	1.12	0.53	1.43	0.91 No	0.53 Element Fault
TWL079	665	'5772800_/5772812'		2.07	1.87	6.67	2.24	1.07	2.91	1.81 No	1.07 Element Fault
TWL079	666	'5734699_/5734926'		1.23	0.93	3.33	1.12	0.87	1.42	0.91 No	0.87 Element Fault
TWL079	667	'5797160_/5797158'		3.5	2.8	10	3.37	2.9	4.32	2.72 No	2.72 Unintentional Islanding
TWL079	668	'5778546_/5778543'		1.2	0.93	3.33	1.12	0.3	1.44	0.91 No	0.3 Element Fault
TWL079	669	'5735932_/5735942'		1.23	0.93	3.33	1.12	0.3	1.42	0.91 No	0.3 Element Fault
TWL079	670	'5772830_/5772827'		2.07	1.87	6.67	2.24	1.07	2.9	1.81 No	1.07 Element Fault
TWL079	671	'8051296_/9620673_1'		1.23	0.93	3.33	1.12	0.5	1.42	0.91 No	0.5 Element Fault
TWL079	672	'5766344_/5766341'		1.03	0.93	3.33	1.12	0.55	1.46	0.91 No	0.55 Element Fault
TWL079	673	'5733553_/5737500'		1.23	0.93	3.33	1.12	0.3	1.4	0.91 No	0.3 Element Fault
TWL079	674	'50708170_/5734696'		1.2	0.93	3.33	1.12	0.87	1.41	0.91 No	0.87 Element Fault
TWL079	675	'8052726_/8365584_2'		1.03	0.93	3.33	1.12	0.53	1.44	0.91 No	0.53 Element Fault
TWL079	676	'5774218_/5774228'		1.03	0.93	3.33	1.12	0.5	1.44	0.91 No	0.5 Element Fault
TWL079	677	'4715908_/4715906'		1.37	0.93	3.33	1.12	0.5	1.37	0.91 No	0.5 Element Fault
TWL079	678	'7716325_/7730555_2'		3.4	2.8	10	3.37	0.9	4.29	2.72 No	0.9 Element Fault
TWL079	679	'5765844_/5765841'		1.03	0.93	3.33	1.12	0.3	1.45	0.91 No	0.3 Element Fault
TWL079	680	'43782702_/5777937'		1.17	0.93	3.33	1.12	0.5	1.43	0.91 No	0.5 Element Fault
TWL079	681	'43779856_/5766182'		1.03	0.93	3.33	1.12	0.3	1.45	0.91 No	0.3 Element Fault
TWL079	682	'5773440_/5773437'		3.4	2.8	10	3.37	2.9	4.28	2.72 No	2.72 Unintentional Islanding
TWL079	683	'432089705_/432089528_1'		3.4	2.8	10	3.37	2	4.28	2.72 No	2 Element Fault
TWL079	684	'5759842_/43773178'		1.3	0.93	3.33	1.12	0.5	1.36	0.91 No	0.5 Element Fault

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TWL079	685	'7977811_/_601791291'	2.9		2	10	3.37	1.6	4.06	2.72 No	1.6 Element Fault
TWL079	686	'43782413_/_43782410'	1.03	0.93	3.33	1.12	0.2	1.43	0.91 No	0.2 Element Fault	0.2 Element Fault
TWL079	687	'5733363_/_5737121'	1.27	0.93	3.33	1.12	0.3	1.38	0.91 No	0.3 Element Fault	0.3 Element Fault
TWL079	688	'5778559_/_5778556'	1.17	0.93	3.33	1.12	0.3	1.41	0.91 No	0.3 Element Fault	0.3 Element Fault
TWL079	689	'5733285_/_5733282'	1.3	0.93	3.33	1.12	0.5	1.36	0.91 No	0.5 Element Fault	0.5 Element Fault
TWL079	690	'5772782_/_5772797'	2	1.8	6.67	2.24	1.07	2.85	1.81 No	1.07 Element Fault	1.07 Element Fault
TWL079	691	'43565784_/_43565786'	1.3	0.9	3.33	1.12	0.5	1.35	0.91 No	0.5 Element Fault	0.5 Element Fault
TWL079	692	'5778245_/_5778255'	1.17	0.9	3.33	1.12	0.5	1.42	0.91 No	0.5 Element Fault	0.5 Element Fault
TWL079	693	'7415455_/_8365584_1'	1.03	0.9	3.33	1.12	0.3	1.42	0.91 No	0.3 Element Fault	0.3 Element Fault
TWL079	694	'43779738_/_43779740'	1	0.9	3.33	1.12	0.55	1.43	0.91 No	0.55 Element Fault	0.55 Element Fault
TWL079	695	'43782691_/_43782693'	1.17	0.9	3.33	1.12	0.5	1.42	0.91 No	0.5 Element Fault	0.5 Element Fault
TWL079	696	'742587243_/_7415453'	1.03	0.9	3.33	1.12	0.3	1.42	0.91 No	0.3 Element Fault	0.3 Element Fault
TWL079	697	'4720083_/_4720097'	3.8	2.7	10	3.37	1.6	4.12	2.72 No	1.6 Element Fault	1.6 Element Fault
TWL079	698	'5773552_/_5773550'	1.13	0.9	3.33	1.12	0.97	1.41	0.91 No	0.9 Primary Voltage Deviation	0.9 Primary Voltage Deviation
TWL079	699	'5734903_/_5734913'	1.2	0.9	3.33	1.12	0.87	1.38	0.91 No	0.87 Element Fault	0.87 Element Fault
TWL079	700	'7416326_/_7416323'	3.4	2.7	10	3.37	0.9	4.21	2.72 No	0.9 Element Fault	0.9 Element Fault
TWL079	701	'8919232_/_368928311'	3.9	2.7	10	3.37	1.4	4.03	2.72 No	1.4 Element Fault	1.4 Element Fault
TWL079	702	'7655261_/_7655259'	3.8	2.7	10	3.37	1.1	4.04	2.72 No	1.1 Element Fault	1.1 Element Fault
TWL079	703	'5733554_/_43774338'	1.2	0.9	3.33	1.12	0.3	1.37	0.91 No	0.3 Element Fault	0.3 Element Fault
TWL079	704	'5797143_/_5797175'	3.4	2.7	10	3.37	2.9	4.2	2.72 No	2.7 Primary Voltage Deviation	2.7 Primary Voltage Deviation
TWL079	705	'7728261_/_8994157_1'	1.2	0.9	3.33	1.12	0.5	1.38	0.91 No	0.5 Element Fault	0.5 Element Fault
TWL079	706	'5773456_/_5773453'	1.13	0.9	3.33	1.12	0.97	1.4	0.91 No	0.9 Primary Voltage Deviation	0.9 Primary Voltage Deviation
TWL079	707	'8918375_/_8919229'	3.9	2.7	10	3.37	1.4	4.02	2.72 No	1.4 Element Fault	1.4 Element Fault
TWL079	708	'43773303_/_5733689'	1.27	0.9	3.33	1.12	0.6	1.37	0.91 No	0.6 Element Fault	0.6 Element Fault
TWL079	709	'5772091_/_5774215'	1	0.9	3.33	1.12	0.5	1.41	0.91 No	0.5 Element Fault	0.5 Element Fault
TWL079	710	'123182788_/_5773469_1'	1.13	0.9	3.33	1.12	0.8	1.4	0.91 No	0.8 Element Fault	0.8 Element Fault
TWL079	711	'9620676_/_9620673_2'	1.17	0.9	3.33	1.12	0.5	1.38	0.91 No	0.5 Element Fault	0.5 Element Fault
TWL079	712	'5777927_/_5777924'	1.13	0.9	3.33	1.12	0.5	1.4	0.91 No	0.5 Element Fault	0.5 Element Fault
TWL079	713	'5734400_/_7101463'	1.23	0.9	3.33	1.12	0.97	1.39	0.91 No	0.9 Primary Voltage Deviation	0.9 Primary Voltage Deviation
TWL079	714	'5735931_/_5735929'	1.17	0.9	3.33	1.12	0.3	1.38	0.91 No	0.3 Element Fault	0.3 Element Fault
TWL079	715	'44880068_/_5736152'	1.17	0.9	3.33	1.12	0.53	1.38	0.91 No	0.53 Element Fault	0.53 Element Fault
TWL079	716	'432089509_/_432089528_2'	3.3	2.7	10	3.37	2	4.17	2.72 No	2 Element Fault	2 Element Fault
TWL079	717	'4720082_/_4720080'	3.7	2.7	10	3.37	1.6	4.07	2.72 No	1.6 Element Fault	1.6 Element Fault
TWL079	718	'5772845_/_5772842'	2	1.8	6.67	2.24	1.07	2.8	1.81 No	1.07 Element Fault	1.07 Element Fault
TWL079	719	'45354099_/_4716270'	1.23	0.9	3.33	1.12	0.5	1.34	0.91 No	0.5 Element Fault	0.5 Element Fault
TWL079	720	'5734711_/_5734709'	1.17	0.9	3.33	1.12	0.87	1.37	0.91 No	0.87 Element Fault	0.87 Element Fault
TWL079	721	'5760336_/_5797140'	2.27	1.8	6.67	2.24	1.93	2.77	1.81 No	1.8 Primary Voltage Deviation	1.8 Primary Voltage Deviation
TWL079	722	'43779855_/_5766169'	0.97	0.9	3.33	1.12	0.3	1.4	0.91 No	0.3 Element Fault	0.3 Element Fault
TWL079	723	'5778232_/_5778242'	1.13	0.9	3.33	1.12	0.5	1.39	0.91 No	0.5 Element Fault	0.5 Element Fault
TWL079	724	'5759702_/_5759852'	1.27	0.9	3.33	1.12	0.5	1.33	0.91 No	0.5 Element Fault	0.5 Element Fault
TWL079	725	'5736425_/_5736866'	1.2	0.9	3.33	1.12	0.5	1.36	0.91 No	0.5 Element Fault	0.5 Element Fault
TWL079	726	'5797229_/_5797227'	3.3	2.7	10	3.37	2.9	4.14	2.72 No	2.7 Primary Voltage Deviation	2.7 Primary Voltage Deviation
TWL079	727	'5733362_/_5733360'	1.23	0.9	3.33	1.12	0.3	1.34	0.91 No	0.3 Element Fault	0.3 Element Fault
TWL079	728	'5772781_/_43782199'	2	1.8	6.67	2.24	1.07	2.77	1.81 No	1.07 Element Fault	1.07 Element Fault
TWL079	729	'7659343_/_7659341_1'	1.13	0.9	3.33	1.12	0.3	1.38	0.91 No	0.3 Element Fault	0.3 Element Fault
TWL079	730	'49481670_/_8053869_2'	3.3	2.7	10	3.37	2.9	4.13	2.72 No	2.7 Primary Voltage Deviation	2.7 Primary Voltage Deviation
TWL079	731	'44880632_/_5765461'	0.97	0.9	3.33	1.12	0.55	1.39	0.91 No	0.55 Element Fault	0.55 Element Fault
TWL079	732	'71533788_/_71533791'	3.8	2.7	10	3.37	1.4	3.95	2.72 No	1.4 Element Fault	1.4 Element Fault
TWL079	733	'43782040_/_43782042'	1.13	0.9	3.33	1.12	0.97	1.37	0.91 No	0.9 Primary Voltage Deviation	0.9 Primary Voltage Deviation
TWL079	734	'5777849_/_5777859'	1.13	0.9	3.33	1.12	0.5	1.38	0.91 No	0.5 Element Fault	0.5 Element Fault
TWL079	735	'4715960_/_4715958'	1.23	0.87	3.33	1.12	0.5	1.31	0.91 No	0.5 Element Fault	0.5 Element Fault
TWL079	736	'5778585_/_5778582'	1.13	0.87	3.33	1.12	0.3	1.37	0.91 No	0.3 Element Fault	0.3 Element Fault
TWL079	737	'7415508_/_7659597_1'	1.93	1.73	6.67	2.24	0.6	2.75	1.81 No	0.6 Element Fault	0.6 Element Fault
TWL079	738	'8994160_/_8994157_2'	1.17	0.87	3.33	1.12	0.5	1.35	0.91 No	0.5 Element Fault	0.5 Element Fault
TWL079	739	'7659583_/_7659581_1'	1.13	0.87	3.33	1.12	0.3	1.37	0.91 No	0.3 Element Fault	0.3 Element Fault
TWL079	740	'5778572_/_5778569'	1.13	0.87	3.33	1.12	0.3	1.36	0.91 No	0.3 Element Fault	0.3 Element Fault
TWL079	741	'5778190_/_5778229'	1.13	0.87	3.33	1.12	0.5	1.37	0.91 No	0.5 Element Fault	0.5 Element Fault
TWL079	742	'5773472_/_5773469_2'	1.13	0.87	3.33	1.12	0.8	1.36	0.91 No	0.8 Element Fault	0.8 Element Fault
TWL079	743	'5797214_/_5797244'	1.1	0.87	3.33	1.12	0.97	1.36	0.91 No	0.87 Primary Voltage Deviation	0.87 Primary Voltage Deviation
TWL079	744	'5778138_/_5778135'	1.1	0.87	3.33	1.12	0.5	1.36	0.91 No	0.5 Element Fault	0.5 Element Fault
TWL079	745	'43565740_/_43565742'	1.3	0.87	3.33	1.12	0.5	1.31	0.91 No	0.5 Element Fault	0.5 Element Fault
TWL079	746	'5734401_/_5734398'	1.2	0.87	3.33	1.12	0.97	1.35	0.91 No	0.87 Primary Voltage Deviation	0.87 Primary Voltage Deviation
TWL079	747	'5772075_/_5772088'	0.97	0.87	3.33	1.12	0.5	1.37	0.91 No	0.5 Element Fault	0.5 Element Fault
TWL079	748	'7415456_/_742587271_1'	1.07	0.87	3.33	1.12	0.3	1.37	0.91 No	0.3 Element Fault	0.3 Element Fault
TWL079	749	'49481664_/_8053869_1'	3.2	2.6	10	3.37	0.9	4.07	2.72 No	0.9 Element Fault	0.9 Element Fault
TWL079	750	'5777836_/_5777846'	1.1	0.87	3.33	1.12	0.5	1.36	0.91 No	0.5 Element Fault	0.5 Element Fault
TWL079	751	'5784055_/_5784052'	1.1	0.87	3.33	1.12	0.3	1.35	0.91 No	0.3 Element Fault	0.3 Element Fault
TWL079	752	'5772863_/_5772860'	1.93	1.73	6.67	2.24	1.07	2.73	1.81 No	1.07 Element Fault	1.07 Element Fault
TWL079	753	'5733641_/_5733707'	1.23	0.87	3.33	1.12	0.6	1.32	0.91 No	0.6 Element Fault	0.6 Element Fault
TWL079	754	'7415224_/_7659341_2'	1.13	0.87	3.33	1.12	0.3	1.35	0.91 No	0.3 Element Fault	0.3 Element Fault
TWL079	755	'5734510_/_5734900'	1.13	0.87	3.33	1.12	0.87	1.33	0.91 No	0.87 Primary Voltage Deviation	0.87 Primary Voltage Deviation
TWL079	756	'5778177_/_5778187'	1.1	0.87	3.33	1.12	0.5	1.35	0.91 No	0.5 Element Fault	0.5 Element Fault
TWL079	757	'5760323_/_5797198'	1.1	0.87	3.33	1.12	0.97	1.35	0.91 No	0.87 Primary Voltage Deviation	0.87 Primary Voltage Deviation
TWL079	758	'43565795_/_4719836'	1.23	0.87	3.33	1.12	0.5	1.29	0.91 No	0.5 Element Fault	0.5 Element Fault
TWL079	759	'52335989_/_5734508_1'	1.13	0.87	3.33	1.12	0.5	1.33	0.91 No	0.5 Element Fault	0.5 Element Fault
TWL079	760	'5773812_/_5773810'	1	0.87	3.33	1.12	0.53	1.35	0.91 No	0.53 Element Fault	0.53 Element Fault
TWL079	761	'43782713_/_43782715'	1.1	0.87	3.33	1.12	0.5	1.35	0.91 No	0.5 Element Fault	0.5 Element Fault
TWL079	762	'5760335_/_5760333'	2.2	1.73	6.67	2.24	1.93	2.69	1.81 No	1.73 Primary Voltage Deviation	1.73 Primary Voltage Deviation
TWL079	763	'4719920_/_4720140'	3.6	2.6	10	3.37	1.6	3.93	2.72 No	1.6 Element Fault	1.6 Element Fault
TWL079	764	'5734414_/_5734411'	1.17	0.87	3.33	1.12	0.97	1.33	0.91 No	0.87 Primary Voltage Deviation	0.87 Primary Voltage Deviation
TWL079	765	'5774140_/_5777833'	1.1	0.87	3.33	1.12	0.5	1.34	0.91 No	0.5 Element Fault	0.5 Element Fault
TWL079	766	'52336277_/_5734508_2'	1.13	0.87	3.33	1.12	0.5	1.32	0.91 No	0.5 Element Fault	0.5 Element Fault
TWL079	767	'71533831_/_71533852'	3.7	2.6	10	3.37	1.4	3.85	2.72 No	1.4 Element Fault	1.4 Element Fault
TWL079	768	'5778598_/_5778595'	1.1	0.87	3.33	1.12	0.3	1.33	0.91 No	0.3 Element Fault	0.3 Element Fault
TWL079	769	'43781886_/_43781888'	0.97	0.87	3.33	1.12	0.5	1.34	0.91 No	0.5 Element Fault	0.5 Element Fault
TWL079	770	'7415223_/_7415221'	1.13	0.87	3.33	1.12	0.3	1.33	0.91 No	0.3 Element Fault	0.3 Element Fault
TWL079	771	'43778234_/_5759700'	1.2	0.87	3.33	1.12	0.5	1.28	0.91 No	0.5 Element Fault	0.5 Element Fault
TWL079	772	'5736426_/_5736423'	1.17	0.87	3.33	1.12	0.5	1.31	0.91 No	0.5 Element Fault	0.5 Element Fault
TWL079	773	'52751804_/_43782211'	1.87	1.73	6.67	2.24	1.07	2.68	1.81 No	1.07 Element Fault	1.07 Element Fault
TWL079	774	'43784678_/_5773871'	1.87	1.73	6.67	2.24	1.07	2.68	1.81 No	1.07 Element Fault	1.07 Element Fault
TWL079	775	'5754024_/_5754125'	1.13	0.87	3.33	1.12	0.5	1.3	0.91 No	0.5 Element Fault	0.5 Element Fault
TWL079	776	'4719907_/_4719917'	1.2	0.87	3.33	1.12	0.53	1.3	0.91 No	0.53 Element Fault	0.53 Element Fault
TWL079	777	'5773527_/_5773537'	1.13	0.87	3.33	1.12	0.97	1.33	0.91 No	0.87 Primary Voltage Deviation	0.87 Primary Voltage Deviation
TWL079	778	'7659600_/_7659597_2'	1.87	1.73	6.67	2.24	0.6	2.67	1.81 No	0.6 Element Fault	0.6 Element Fault

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TWL079	779	'5734673_/_5734683'		1.13	0.87	3.33	1.12	0.5	1.31	0.91 No	0.5 Element Fault
TWL079	780	'4719839_/_43565797'		1.2	0.87	3.33	1.12	0.5	1.27	0.91 No	0.5 Element Fault
TWL079	781	'4719722_/_4719810'		1.27	0.87	3.33	1.12	0.5	1.28	0.91 No	0.5 Element Fault
TWL079	782	'5760322_/_5760320'		1.1	0.87	3.33	1.12	0.97	1.32	0.91 No	0.87 Primary Voltage Deviation
TWL079	783	'5774118_/_8677138_1'		0.93	0.87	3.33	1.12	0.3	1.33	0.91 No	0.3 Element Fault
TWL079	784	'43782254_/_43782256'		1.13	0.87	3.33	1.12	0.8	1.32	0.91 No	0.8 Element Fault
TWL079	785	'5778164_/_5778174'		1.07	0.83	3.33	1.12	0.5	1.32	0.91 No	0.5 Element Fault
TWL079	786	'43782796_/_43782798'		1.07	0.83	3.33	1.12	0.3	1.32	0.91 No	0.3 Element Fault
TWL079	787	'5736439_/_5736436'		1.13	0.83	3.33	1.12	0.5	1.29	0.91 No	0.5 Element Fault
TWL079	788	'656618157_/_43778236_1'		1.2	0.83	3.33	1.12	0.53	1.27	0.91 No	0.53 Element Fault
TWL079	789	'43774088_/_43774090'		1.1	0.83	3.33	1.12	0.3	1.3	0.91 No	0.3 Element Fault
TWL079	790	'5773657_/_5773667'		1.13	0.83	3.33	1.12	0.8	1.31	0.91 No	0.8 Element Fault
TWL079	791	'5772074_/_5772072'		0.93	0.83	3.33	1.12	0.5	1.32	0.91 No	0.5 Element Fault
TWL079	792	'45374451_/_5778203'		1.07	0.83	3.33	1.12	0.5	1.32	0.91 No	0.5 Element Fault
TWL079	793	'5778614_/_5778611'		1.07	0.83	3.33	1.12	0.3	1.31	0.91 No	0.3 Element Fault
TWL079	794	'7659584_/_7659581_2'		1.07	0.83	3.33	1.12	0.3	1.32	0.91 No	0.3 Element Fault
TWL079	795	'432089711_/_432089554_1'		1.1	0.83	3.33	1.12	0.5	1.31	0.91 No	0.5 Element Fault
TWL079	796	'5734511_/_5734508_3'		1.1	0.83	3.33	1.12	0.5	1.29	0.91 No	0.5 Element Fault
TWL079	797	'4720044_/_4720041'		1.2	0.83	3.33	1.12	0.53	1.28	0.91 No	0.53 Element Fault
TWL079	798	'410083698_/_432089554_2'		1.1	0.83	3.33	1.12	0.5	1.31	0.91 No	0.5 Element Fault
TWL079	799	'410083622_/_432089554_3'		1.1	0.83	3.33	1.12	0.5	1.31	0.91 No	0.5 Element Fault
TWL079	800	'5774139_/_5774137'		1.07	0.83	3.33	1.12	0.5	1.31	0.91 No	0.5 Element Fault
TWL079	801	'71533751_/_71533838'		3.6	2.5	10	3.37	1.4	3.77	2.72 No	1.4 Element Fault
TWL079	802	'5773250_/_5773424'		1.1	0.83	3.33	1.12	0.5	1.31	0.91 No	0.5 Element Fault
TWL079	803	'8599786_/_8918373'		3.6	2.5	10	3.37	1.4	3.77	2.72 No	1.4 Element Fault
TWL079	804	'43773640_/_43773642'		1.1	0.83	3.33	1.12	0.97	1.3	0.91 No	0.83 Primary Voltage Deviation
TWL079	805	'5733640_/_5733638'		1.17	0.83	3.33	1.12	0.6	1.27	0.91 No	0.6 Element Fault
TWL079	806	'4716146_/_4719904'		1.17	0.83	3.33	1.12	0.53	1.28	0.91 No	0.53 Element Fault
TWL079	807	'5734877_/_5734887'		1.1	0.83	3.33	1.12	0.87	1.28	0.91 No	0.83 Primary Voltage Deviation
TWL079	808	'5778669_/_5778679'		1.07	0.83	3.33	1.12	0.3	1.3	0.91 No	0.3 Element Fault
TWL079	809	'5736608_/_5754021'		1.13	0.83	3.33	1.12	0.5	1.28	0.91 No	0.5 Element Fault
TWL079	810	'5772878_/_5772875'		1.87	1.67	6.67	2.24	1.07	2.62	1.81 No	1.07 Element Fault
TWL079	811	'130160008_/_7977721_2'		3.5	2.5	10	3.37	1.1	3.76	2.72 No	1.1 Element Fault
TWL079	812	'5734427_/_5736933'		1.13	0.83	3.33	1.12	0.97	1.28	0.91 No	0.83 Primary Voltage Deviation
TWL079	813	'5773514_/_5773524'		1.13	0.83	3.33	1.12	0.97	1.29	0.91 No	0.83 Primary Voltage Deviation
TWL079	814	'5778163_/_43782831'		1.03	0.83	3.33	1.12	0.5	1.29	0.91 No	0.5 Element Fault
TWL079	815	'4719932_/_4719930'		3.4	2.5	10	3.37	1.6	3.78	2.72 No	1.6 Element Fault
TWL079	816	'5773800_/_5774163'		1.13	0.83	3.33	1.12	0.8	1.28	0.91 No	0.8 Element Fault
TWL079	817	'5773237_/_5773247'		1.1	0.83	3.33	1.12	0.5	1.28	0.91 No	0.5 Element Fault
TWL079	818	'4719709_/_4719719'		1.2	0.83	3.33	1.12	0.5	1.24	0.91 No	0.5 Element Fault
TWL079	819	'5778656_/_5778666'		1.03	0.83	3.33	1.12	0.3	1.28	0.91 No	0.3 Element Fault
TWL079	820	'8677141_/_8677138_2'		0.93	0.83	3.33	1.12	0.3	1.29	0.91 No	0.3 Element Fault
TWL079	821	'5734566_/_5734576'		1.1	0.83	3.33	1.12	0.97	1.28	0.91 No	0.83 Primary Voltage Deviation
TWL079	822	'5773644_/_5773654'		1.13	0.83	3.33	1.12	0.8	1.28	0.91 No	0.8 Element Fault
TWL079	823	'43773596_/_43773598'		1.07	0.83	3.33	1.12	0.5	1.26	0.91 No	0.5 Element Fault
TWL079	824	'43565877_/_43565879'		1.17	0.83	3.33	1.12	0.53	1.25	0.91 No	0.53 Element Fault
TWL079	825	'8599787_/_8599784'		3.5	2.4	10	3.37	1.4	3.68	2.72 No	1.4 Element Fault
TWL079	826	'5733725_/_5733722'		1.13	0.8	3.33	1.12	0.6	1.25	0.91 No	0.6 Element Fault
TWL079	827	'9234027_/_9234024_1'		2.9	2	10	3.37	1.6	3.68	2.72 No	1.6 Element Fault
TWL079	828	'43774209_/_5736449'		1.1	0.8	3.33	1.12	0.5	1.25	0.91 No	0.5 Element Fault
TWL079	829	'5734468_/_5734874'		1.07	0.8	3.33	1.12	0.87	1.25	0.91 No	0.8 Primary Voltage Deviation
TWL079	830	'43774220_/_5754034'		1.1	0.8	3.33	1.12	0.5	1.25	0.91 No	0.5 Element Fault
TWL079	831	'5784068_/_5784065'		1.03	0.8	3.33	1.12	0.3	1.26	0.91 No	0.3 Element Fault
TWL079	832	'52335999_/_5734466_1'		1.07	0.8	3.33	1.12	0.5	1.25	0.91 No	0.5 Element Fault
TWL079	833	'5734553_/_5734563'		1.1	0.8	3.33	1.12	0.97	1.26	0.91 No	0.8 Primary Voltage Deviation
TWL079	834	'5773224_/_5773234'		1.1	0.8	3.33	1.12	0.5	1.26	0.91 No	0.5 Element Fault
TWL079	835	'5735919_/_5756948'		1.07	0.8	3.33	1.12	0.3	1.25	0.91 No	0.3 Element Fault
TWL079	836	'5737195_/_5737192'		1.1	0.8	3.33	1.12	0.97	1.26	0.91 No	0.8 Primary Voltage Deviation
TWL079	837	'5773734_/_5773732'		1.13	0.8	3.33	1.12	0.8	1.26	0.91 No	0.8 Primary Voltage Deviation
TWL079	838	'43773508_/_5734521'		1.07	0.8	3.33	1.12	0.5	1.24	0.91 No	0.5 Element Fault
TWL079	839	'5773774_/_5773797'		1.13	0.8	3.33	1.12	0.8	1.26	0.91 No	0.8 Primary Voltage Deviation
TWL079	840	'43565866_/_4720067'		1.13	0.8	3.33	1.12	0.53	1.23	0.91 No	0.53 Element Fault
TWL079	841	'69652318_/_5734466_2'		1.07	0.8	3.33	1.12	0.5	1.24	0.91 No	0.5 Element Fault
TWL079	842	'43774099_/_43774101'		1.07	0.8	3.33	1.12	0.5	1.23	0.91 No	0.5 Element Fault
TWL079	843	'5773197_/_5773221'		1.1	0.8	3.33	1.12	0.5	1.25	0.91 No	0.5 Element Fault
TWL079	844	'5773498_/_5773511'		1.13	0.8	3.33	1.12	0.97	1.25	0.91 No	0.8 Primary Voltage Deviation
TWL079	845	'5778643_/_5778653'		1	0.8	3.33	1.12	0.3	1.25	0.91 No	0.3 Element Fault
TWL079	846	'5733738_/_5733735'		1.13	0.8	3.33	1.12	0.6	1.22	0.91 No	0.6 Element Fault
TWL079	847	'43782221_/_43782223'		1.03	0.8	3.33	1.12	0.5	1.25	0.91 No	0.5 Element Fault
TWL079	848	'8679085_/_8679082'		0.93	0.8	3.33	1.12	0.3	1.25	0.91 No	0.3 Element Fault
TWL079	849	'63693052_/_5733855_1'		1.13	0.8	3.33	1.12	0.3	1.22	0.91 No	0.3 Element Fault
TWL079	850	'4716132_/_4716130'		1.13	0.8	3.33	1.12	0.53	1.22	0.91 No	0.53 Element Fault
TWL079	851	'7415439_/_7415437_1'		0.9	0.7	3.33	1.12	0.3	1.25	0.91 No	0.3 Element Fault
TWL079	852	'5734439_/_43773521'		1.07	0.8	3.33	1.12	0.97	1.24	0.91 No	0.8 Primary Voltage Deviation
TWL079	853	'43782265_/_5773771'		1.1	0.8	3.33	1.12	0.8	1.24	0.91 No	0.8 Primary Voltage Deviation
TWL079	854	'43782163_/_43782165'		1.1	0.8	3.33	1.12	0.8	1.24	0.91 No	0.8 Primary Voltage Deviation
TWL079	855	'4719956_/_4719953'		3.3	2.4	10	3.37	1.6	3.65	2.72 No	1.6 Element Fault
TWL079	856	'5734552_/_43773631'		1.1	0.8	3.33	1.12	0.97	1.23	0.91 No	0.8 Primary Voltage Deviation
TWL079	857	'5773631_/_5773641'		1.1	0.8	3.33	1.12	0.8	1.23	0.91 No	0.8 Primary Voltage Deviation
TWL079	858	'5734469_/_5734466_3'		1.03	0.8	3.33	1.12	0.5	1.22	0.91 No	0.5 Element Fault
TWL079	859	'5773198_/_5773195'		1.1	0.8	3.33	1.12	0.5	1.23	0.91 No	0.5 Element Fault
TWL079	860	'5734634_/_5734644'		1.03	0.8	3.33	1.12	0.5	1.22	0.91 No	0.5 Element Fault
TWL079	861	'5734659_/_5734657'		1.03	0.77	3.33	1.12	0.5	1.21	0.91 No	0.5 Element Fault
TWL079	862	'43565729_/_43565731'		1.13	0.77	3.33	1.12	0.5	1.18	0.91 No	0.5 Element Fault
TWL079	863	'5734851_/_5734861'		1.03	0.77	3.33	1.12	0.87	1.21	0.91 No	0.77 Primary Voltage Deviation
TWL079	864	'4719973_/_4719970'		3.3	2.3	10	3.37	1.6	3.61	2.72 No	1.6 Element Fault
TWL079	865	'5736465_/_5736462'		1.03	0.77	3.33	1.12	0.5	1.2	0.91 No	0.5 Element Fault
TWL079	866	'5771543_/_5773208'		1.1	0.77	3.33	1.12	0.5	1.22	0.91 No	0.5 Element Fault
TWL079	867	'43782785_/_43782787'		1	0.77	3.33	1.12	0.3	1.22	0.91 No	0.3 Element Fault
TWL079	868	'4720057_/_4720054'		1.1	0.77	3.33	1.12	0.53	1.19	0.91 No	0.53 Element Fault
TWL079	869	'43773281_/_5733855_2'		1.1	0.77	3.33	1.12	0.3	1.19	0.91 No	0.3 Element Fault
TWL079	870	'5736621_/_43774222'		1.03	0.77	3.33	1.12	0.5	1.19	0.91 No	0.5 Element Fault
TWL079	871	'5773761_/_5773784'		1.1	0.77	3.33	1.12	0.8	1.21	0.91 No	0.77 Primary Voltage Deviation
TWL079	872	'5735906_/_5735916'		1.03	0.77	3.33	1.12	0.3	1.2	0.91 No	0.3 Element Fault

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Over- Voltage Deviation	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
											VSR (MW)	Limiting Threshold
TWL079	873	'5773696_/_5773719'		1.1	0.77	3.33	1.12	0.8	1.21	0.91 No	0.77	Primary Voltage Deviation
TWL079	874	'43782232_/_43782234'		1	0.77	3.33	1.12	0.5	1.21	0.91 No	0.5	Element Fault
TWL079	875	'43782051_/_43782053'		1.07	0.77	3.33	1.12	0.97	1.21	0.91 No	0.77	Primary Voltage Deviation
TWL079	876	'5735893_/_5735903'		1	0.77	3.33	1.12	0.3	1.19	0.91 No	0.3	Element Fault
TWL079	877	'5792562_/_676999044_2'		0.97	0.77	3.33	1.12	0.5	1.21	0.91 No	0.5	Element Fault
TWL079	878	'5734537_/_43773510'		1	0.77	3.33	1.12	0.5	1.19	0.91 No	0.5	Element Fault
TWL079	879	'5736594_/_5736592'		1.03	0.77	3.33	1.12	0.5	1.18	0.91 No	0.5	Element Fault
TWL079	880	'5733754_/_5733751'		1.1	0.77	3.33	1.12	0.6	1.18	0.91 No	0.6	Element Fault
TWL079	881	'5771542_/_5771540'		1.1	0.77	3.33	1.12	0.5	1.2	0.91 No	0.5	Element Fault
TWL079	882	'5734455_/_5734848'		1	0.77	3.33	1.12	0.87	1.18	0.91 No	0.77	Primary Voltage Deviation
TWL079	883	'5773618_/_5773628'		1.07	0.77	3.33	1.12	0.8	1.19	0.91 No	0.77	Primary Voltage Deviation
TWL079	884	'4723313_/_4723311'		1.07	0.77	3.33	1.12	0.53	1.17	0.91 No	0.53	Element Fault
TWL079	885	'5736634_/_5736631'		1	0.77	3.33	1.12	0.5	1.17	0.91 No	0.5	Element Fault
TWL079	886	'5736129_/_5736139'		1	0.77	3.33	1.12	0.3	1.18	0.91 No	0.3	Element Fault
TWL079	887	'43773585_/_43773587'		1	0.77	3.33	1.12	0.5	1.18	0.91 No	0.5	Element Fault
TWL079	888	'52336009_/_5734453_1'		1	0.77	3.33	1.12	0.5	1.18	0.91 No	0.5	Element Fault
TWL079	889	'5773748_/_5773758'		1.07	0.77	3.33	1.12	0.8	1.19	0.91 No	0.77	Primary Voltage Deviation
TWL079	890	'4719683_/_4719693'		1.1	0.77	3.33	1.12	0.5	1.15	0.91 No	0.5	Element Fault
TWL079	891	'4720117_/_4720114'		1.07	0.77	3.33	1.12	0.53	1.17	0.91 No	0.53	Element Fault
TWL079	892	'5736054_/_5736052'		1	0.77	3.33	1.12	0.5	1.17	0.91 No	0.5	Element Fault
TWL079	893	'44685043_/_5778627'		0.97	0.77	3.33	1.12	0.3	1.19	0.91 No	0.3	Element Fault
TWL079	894	'43773497_/_5734482'		1	0.77	3.33	1.12	0.5	1.17	0.91 No	0.5	Element Fault
TWL079	895	'4719990_/_4719987'		3.2	2.3	10	3.37	1.6	3.51	2.72 No	1.6	Element Fault
TWL079	896	'7809434_/_8137117_1'		3.2	2.3	10	3.37	1	3.5	2.72 No	1	Element Fault
TWL079	897	'52336287_/_5734453_2'		1	0.77	3.33	1.12	0.5	1.17	0.91 No	0.5	Element Fault
TWL079	898	'5773617_/_5773615'		1.07	0.73	3.33	1.12	0.8	1.18	0.91 No	0.73	Primary Voltage Deviation
TWL079	899	'5735880_/_5735890'		1	0.73	3.33	1.12	0.3	1.17	0.91 No	0.3	Element Fault
TWL079	900	'5779838_/_5783979'		1.07	0.73	3.33	1.12	0.5	1.18	0.91 No	0.5	Element Fault
TWL079	901	'5736116_/_5736126'		1	0.73	3.33	1.12	0.3	1.17	0.91 No	0.3	Element Fault
TWL079	902	'5779825_/_5779822_2'		1.07	0.73	3.33	1.12	0.5	1.17	0.91 No	0.5	Element Fault
TWL079	903	'5736478_/_5736475'		1	0.73	3.33	1.12	0.5	1.16	0.91 No	0.5	Element Fault
TWL079	904	'5734595_/_5734605'		1	0.73	3.33	1.12	0.5	1.16	0.91 No	0.5	Element Fault
TWL079	905	'5773683_/_5773693'		1.07	0.73	3.33	1.12	0.8	1.17	0.91 No	0.73	Primary Voltage Deviation
TWL079	906	'5733767_/_5733764'		1.07	0.73	3.33	1.12	0.6	1.15	0.91 No	0.6	Element Fault
TWL079	907	'8137120_/_8137117_2'		3.1	2.2	10	3.37	1	3.46	2.72 No	1	Element Fault
TWL079	908	'44978455_/_5773482'		1.03	0.73	3.33	1.12	0.97	1.17	0.91 No	0.73	Primary Voltage Deviation
TWL079	909	'5733871_/_5733868'		1.03	0.73	3.33	1.12	0.3	1.15	0.91 No	0.3	Element Fault
TWL079	910	'69434599_/_5733923_1'		1.07	0.73	3.33	1.12	0.3	1.14	0.91 No	0.3	Element Fault
TWL079	911	'69434594_/_5733910_1'		1.07	0.73	3.33	1.12	0.3	1.14	0.91 No	0.3	Element Fault
TWL079	912	'5734456_/_5734453_3'		0.97	0.73	3.33	1.12	0.5	1.15	0.91 No	0.5	Element Fault
TWL079	913	'5760277_/_7101511'		0.97	0.73	3.33	1.12	0.5	1.15	0.91 No	0.5	Element Fault
TWL079	914	'8679116_/_676999044_1'		0.93	0.73	3.33	1.12	0.3	1.16	0.91 No	0.3	Element Fault
TWL079	915	'5779837_/_5779835'		1.03	0.73	3.33	1.12	0.5	1.16	0.91 No	0.5	Element Fault
TWL079	916	'5736087_/_5736113'		0.97	0.73	3.33	1.12	0.3	1.15	0.91 No	0.3	Element Fault
TWL079	917	'43782873_/_5779822_1'		1.03	0.73	3.33	1.12	0.2	1.16	0.91 No	0.2	Element Fault
TWL079	918	'4719670_/_4719680'		1.1	0.73	3.33	1.12	0.5	1.12	0.91 No	0.5	Element Fault
TWL079	919	'5773747_/_43782278'		1.03	0.73	3.33	1.12	0.8	1.16	0.91 No	0.73	Primary Voltage Deviation
TWL079	920	'43782130_/_43782132'		1.03	0.73	3.33	1.12	0.8	1.16	0.91 No	0.73	Primary Voltage Deviation
TWL079	921	'5759884_/_5759895_1'		0.97	0.73	3.33	1.12	0.87	1.14	0.91 No	0.73	Primary Voltage Deviation
TWL079	922	'8365333_/_9309068_1'		0.97	0.73	3.33	1.12	0.3	1.14	0.91 No	0.3	Element Fault
TWL079	923	'5734620_/_5734618'		0.97	0.73	3.33	1.12	0.5	1.14	0.91 No	0.5	Element Fault
TWL079	924	'43777083_/_43777085'		0.97	0.73	3.33	1.12	0.5	1.13	0.91 No	0.5	Element Fault
TWL079	925	'5760084_/_5760094'		1.03	0.73	3.33	1.12	0.5	1.15	0.91 No	0.5	Element Fault
TWL079	926	'4730289_/_7085112'		1.03	0.73	3.33	1.12	0.5	1.14	0.91 No	0.5	Element Fault
TWL079	927	'5736071_/_5736084'		0.97	0.73	3.33	1.12	0.3	1.14	0.91 No	0.3	Element Fault
TWL079	928	'4720009_/_4720023'		2.07	1.47	6.67	2.24	1.07	2.27	1.81 No	1.07	Element Fault
TWL079	929	'5736491_/_5736488'		0.97	0.73	3.33	1.12	0.5	1.13	0.91 No	0.5	Element Fault
TWL079	930	'5735867_/_5735877'		0.97	0.73	3.33	1.12	0.3	1.14	0.91 No	0.3	Element Fault
TWL079	931	'5736099_/_5736097'		0.97	0.73	3.33	1.12	0.3	1.14	0.91 No	0.3	Element Fault
TWL079	932	'373939375_/_373939445'		1.03	0.73	3.33	1.12	0.53	1.04	0.91 No	0.53	Element Fault
TWL079	933	'43566759_/_43566761'		1.03	0.73	3.33	1.12	0.53	1.13	0.91 No	0.53	Element Fault
TWL079	934	'4730276_/_4730286'		1.03	0.73	3.33	1.12	0.5	1.14	0.91 No	0.5	Element Fault
TWL079	935	'43782152_/_5773680'		1.03	0.73	3.33	1.12	0.8	1.14	0.91 No	0.73	Primary Voltage Deviation
TWL079	936	'5734498_/_43773499'		0.97	0.73	3.33	1.12	0.5	1.13	0.91 No	0.5	Element Fault
TWL079	937	'43773574_/_43773576'		0.97	0.73	3.33	1.12	0.5	1.12	0.91 No	0.5	Element Fault
TWL079	938	'5779780_/_5779806'		1.03	0.73	3.33	1.12	0.2	1.13	0.91 No	0.2	Element Fault
TWL079	939	'4719735_/_4719745'		1.07	0.7	3.33	1.12	0.5	1.1	0.91 No	0.5	Element Fault
TWL079	940	'5759996_/_5760039'		0.93	0.7	3.33	1.12	0.3	1.12	0.91 No	0.3	Element Fault
TWL079	941	'5773605_/_5779601'		1	0.7	3.33	1.12	0.8	1.13	0.91 No	0.7	Primary Voltage Deviation
TWL079	942	'4728850_/_4743021'		1.03	0.7	3.33	1.12	0.5	1.13	0.91 No	0.5	Element Fault
TWL079	943	'9309071_/_9309068_2'		0.93	0.7	3.33	1.12	0.3	1.12	0.91 No	0.3	Element Fault
TWL079	944	'45076765_/_5753995'		0.97	0.7	3.33	1.12	0.5	1.11	0.91 No	0.5	Element Fault
TWL079	945	'5733913_/_5733910_2'		1.03	0.7	3.33	1.12	0.3	1.11	0.91 No	0.3	Element Fault
TWL079	946	'5736070_/_5736068'		0.93	0.7	3.33	1.12	0.3	1.12	0.91 No	0.3	Element Fault
TWL079	947	'43778223_/_5759616'		0.93	0.7	3.33	1.12	0.5	1.11	0.91 No	0.5	Element Fault
TWL079	948	'4719657_/_4719667'		1.07	0.7	3.33	1.12	0.5	1.09	0.91 No	0.5	Element Fault
TWL079	949	'43773292_/_5733881'		1	0.7	3.33	1.12	0.3	1.11	0.91 No	0.3	Element Fault
TWL079	950	'43778361_/_5760275'		0.93	0.7	3.33	1.12	0.5	1.11	0.91 No	0.5	Element Fault
TWL079	951	'4730263_/_4730273'		1	0.7	3.33	1.12	0.5	1.12	0.91 No	0.5	Element Fault
TWL079	952	'5759997_/_5759994'		0.93	0.7	3.33	1.12	0.3	1.11	0.91 No	0.3	Element Fault
TWL079	953	'5733779_/_5733923_2'		1	0.7	3.33	1.12	0.3	1.1	0.91 No	0.3	Element Fault
TWL079	954	'43782862_/_43782864'		1	0.7	3.33	1.12	0.2	1.12	0.91 No	0.2	Element Fault
TWL079	955	'9622016_/_9622813'		0.9	0.7	3.33	1.12	0.3	1.12	0.91 No	0.3	Element Fault
TWL079	956	'5736039_/_5736036'		0.93	0.7	3.33	1.12	0.5	1.1	0.91 No	0.5	Element Fault
TWL079	957	'9621788_/_9621785'		0.93	0.7	3.33	1.12	0.3	1.1	0.91 No	0.3	Element Fault
TWL079	958	'43774033_/_43774035'		0.93	0.7	3.33	1.12	0.3	1.11	0.91 No	0.3	Element Fault
TWL079	959	'4728837_/_4728847'		1	0.7	3.33	1.12	0.5	1.11	0.91 No	0.5	Element Fault
TWL079	960	'4719761_/_4719758'		1.03	0.7	3.33	1.12	0.5	1.08	0.91 No	0.5	Element Fault
TWL079	961	'5773592_/_5773602'		1	0.7	3.33	1.12	0.8	1.11	0.91 No	0.7	Primary Voltage Deviation
TWL079	962	'5779767_/_5779793'		1	0.7	3.33	1.12	0.2	1.11	0.91 No	0.2	Element Fault
TWL079	963	'43778317_/_43778319'		1	0.7	3.33	1.12	0.5	1.1	0.91 No	0.5	Element Fault
TWL079	964	'4730250_/_4730260'		1	0.7	3.33	1.12	0.5	1.1	0.91 No	0.5	Element Fault
TWL079	965	'4730156_/_7085096'		1	0.7	3.33	1.12	0.2	1.1	0.91 No	0.2	Element Fault
TWL079	966	'69652414_/_4720007'		1	0.7	3.33	1.12	0.53	1.09	0.91 No	0.53	Element Fault

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TWL079	967	'43782151_/_5773706'		1	0.7	3.33	1.12	0.8	1.11	0.91 No	0.7 Primary Voltage Deviation
TWL079	968	'4719734_/_4719732'		1.03	0.7	3.33	1.12	0.5	1.07	0.91 No	0.5 Element Fault
TWL079	969	'45155567_/_4723298'		1	0.7	3.33	1.12	0.53	1.09	0.91 No	0.53 Element Fault
TWL079	970	'43778295_/_5760010'		0.93	0.7	3.33	1.12	0.3	1.09	0.91 No	0.3 Element Fault
TWL079	971	'4728889_/_4743005'		1	0.7	3.33	1.12	0.5	1.1	0.91 No	0.5 Element Fault
TWL079	972	'5760013_/_43778297'		0.93	0.7	3.33	1.12	0.3	1.09	0.91 No	0.3 Element Fault
TWL079	973	'43773409_/_5733949'		1	0.7	3.33	1.12	0.3	1.08	0.91 No	0.3 Element Fault
TWL079	974	'5736010_/_5736023'		0.9	0.7	3.33	1.12	0.5	1.09	0.91 No	0.5 Element Fault
TWL079	975	'43776896_/_5752741'		1	0.7	3.33	1.12	0.3	1.08	0.91 No	0.3 Element Fault
TWL079	976	'5760248_/_7101495'		0.9	0.7	3.33	1.12	0.5	1.09	0.91 No	0.5 Element Fault
TWL079	977	'7415440_/_9622013'		0.9	0.7	3.33	1.12	0.3	1.1	0.91 No	0.3 Element Fault
TWL079	978	'4728823_/_4728834'		1	0.7	3.33	1.12	0.5	1.09	0.91 No	0.5 Element Fault
TWL079	979	'5773579_/_5773589'		0.97	0.7	3.33	1.12	0.8	1.1	0.91 No	0.7 Primary Voltage Deviation
TWL079	980	'5733965_/_5733962'		1	0.7	3.33	1.12	0.3	1.08	0.91 No	0.3 Element Fault
TWL079	981	'4719774_/_4719771'		1.03	0.7	3.33	1.12	0.5	1.06	0.91 No	0.5 Element Fault
TWL079	982	'5733780_/_5733777'		0.97	0.7	3.33	1.12	0.3	1.07	0.91 No	0.3 Element Fault
TWL079	983	'4730143_/_4730153'		0.97	0.7	3.33	1.12	0.2	1.08	0.91 No	0.2 Element Fault
TWL079	984	'43568424_/_4730247'		0.97	0.7	3.33	1.12	0.5	1.08	0.91 No	0.5 Element Fault
TWL079	985	'5760055_/_5760065'		0.97	0.7	3.33	1.12	0.5	1.09	0.91 No	0.5 Element Fault
TWL079	986	'5779751_/_5779764'		0.97	0.7	3.33	1.12	0.2	1.08	0.91 No	0.2 Element Fault
TWL079	987	'5759632_/_43778225'		0.9	0.67	3.33	1.12	0.5	1.08	0.91 No	0.5 Element Fault
TWL079	988	'4719656_/_4719654'		1	0.67	3.33	1.12	0.5	1.06	0.91 No	0.5 Element Fault
TWL079	989	'43778350_/_43778363'		0.9	0.67	3.33	1.12	0.5	1.07	0.91 No	0.5 Element Fault
TWL079	990	'43773297_/_43773294'		0.97	0.67	3.33	1.12	0.3	1.07	0.91 No	0.3 Element Fault
TWL079	991	'4723818_/_4723815'		1	0.67	3.33	1.12	0.5	1.05	0.91 No	0.5 Element Fault
TWL079	992	'5735841_/_5735851'		0.9	0.67	3.33	1.12	0.3	1.07	0.91 No	0.3 Element Fault
TWL079	993	'5733952_/_43773411'		0.97	0.67	3.33	1.12	0.3	1.06	0.91 No	0.3 Element Fault
TWL079	994	'43565806_/_4719852'		1	0.67	3.33	1.12	0.5	1.05	0.91 No	0.5 Element Fault
TWL079	995	'4730127_/_4730140'		0.97	0.67	3.33	1.12	0.2	1.07	0.91 No	0.2 Element Fault
TWL079	996	'349539511_/_601791191'		0.97	0.67	3.33	1.12	0.53	0.98	0.91 No	0.53 Element Fault
TWL079	997	'43568040_/_4728821'		0.97	0.67	3.33	1.12	0.5	1.07	0.91 No	0.5 Element Fault
TWL079	998	'4720130_/_4720127'		1	0.67	3.33	1.12	0.5	1.04	0.91 No	0.5 Element Fault
TWL079	999	'5760054_/_5760052'		0.97	0.67	3.33	1.12	0.5	1.07	0.91 No	0.5 Element Fault
TWL079	1000	'43782141_/_43782143'		0.93	0.67	3.33	1.12	0.8	1.07	0.91 No	0.67 Primary Voltage Deviation
TWL079	1001	'4730224_/_4730234'		0.97	0.67	3.33	1.12	0.5	1.06	0.91 No	0.5 Element Fault
TWL079	1002	'43782851_/_43782853'		0.97	0.67	3.33	1.12	0.2	1.06	0.91 No	0.2 Element Fault
TWL079	1003	'43565718_/_4719784'		1	0.67	3.33	1.12	0.5	1.04	0.91 No	0.5 Element Fault
TWL079	1004	'4723831_/_4723828'		1	0.67	3.33	1.12	0.5	1.04	0.91 No	0.5 Element Fault
TWL079	1005	'43568051_/_43568053'		0.97	0.67	3.33	1.12	0.5	1.06	0.91 No	0.5 Element Fault
TWL079	1006	'501025631_/_5736007'		0.9	0.67	3.33	1.12	0.5	1.05	0.91 No	0.5 Element Fault
TWL079	1007	'43773453_/_5733975'		0.97	0.67	3.33	1.12	0.3	1.05	0.91 No	0.3 Element Fault
TWL079	1008	'43568413_/_4730179'		0.97	0.67	3.33	1.12	0.2	1.06	0.91 No	0.2 Element Fault
TWL079	1009	'65290955_/_4742989_2'		0.97	0.67	3.33	1.12	0.5	1.06	0.91 No	0.5 Element Fault
TWL079	1010	'43778339_/_5760246'		0.87	0.67	3.33	1.12	0.5	1.05	0.91 No	0.5 Element Fault
TWL079	1011	'5735828_/_5735838'		0.87	0.67	3.33	1.12	0.3	1.05	0.91 No	0.3 Element Fault
TWL079	1012	'5733793_/_5733790'		0.97	0.67	3.33	1.12	0.3	1.04	0.91 No	0.3 Element Fault
TWL079	1013	'5752757_/_43776898'		0.97	0.67	3.33	1.12	0.3	1.04	0.91 No	0.3 Element Fault
TWL079	1014	'4728915_/_4742989_1'		0.93	0.67	3.33	1.12	0.5	1.05	0.91 No	0.5 Element Fault
TWL079	1015	'4730211_/_4730221'		0.93	0.67	3.33	1.12	0.5	1.05	0.91 No	0.5 Element Fault
TWL079	1016	'43568402_/_4730124'		0.93	0.67	3.33	1.12	0.2	1.05	0.91 No	0.2 Element Fault
TWL079	1017	'601791223_/_601791212'		0.93	0.67	3.33	1.12	0.53	0.97	0.91 No	0.53 Element Fault
TWL079	1018	'5760219_/_7101479'		0.87	0.67	3.33	1.12	0.5	1.04	0.91 No	0.5 Element Fault
TWL079	1019	'4728798_/_4728808'		0.93	0.67	3.33	1.12	0.5	1.05	0.91 No	0.5 Element Fault
TWL079	1020	'4728902_/_4728912'		0.93	0.67	3.33	1.12	0.5	1.04	0.91 No	0.5 Element Fault
TWL079	1021	'44664334_/_4719797'		0.97	0.67	3.33	1.12	0.5	1.02	0.91 No	0.5 Element Fault
TWL079	1022	'4723844_/_4723841'		0.97	0.67	3.33	1.12	0.5	1.02	0.91 No	0.5 Element Fault
TWL079	1023	'4730101_/_7085080'		0.93	0.67	3.33	1.12	0.2	1.04	0.91 No	0.2 Element Fault
TWL079	1024	'43568418_/_43568415'		0.93	0.67	3.33	1.12	0.2	1.04	0.91 No	0.2 Element Fault
TWL079	1025	'5760294_/_43778352'		0.87	0.67	3.33	1.12	0.5	1.04	0.91 No	0.5 Element Fault
TWL079	1026	'5733938_/_5752793'		0.93	0.67	3.33	1.12	0.3	1.03	0.91 No	0.3 Element Fault
TWL079	1027	'44880788_/_5773563'		0.93	0.67	3.33	1.12	0.8	1.04	0.91 No	0.67 Primary Voltage Deviation
TWL079	1028	'4730210_/_4730208'		0.93	0.67	3.33	1.12	0.5	1.03	0.91 No	0.5 Element Fault
TWL079	1029	'5733939_/_5733936'		0.93	0.67	3.33	1.12	0.3	1.02	0.91 No	0.3 Element Fault
TWL079	1030	'43565681_/_4724020'		0.97	0.67	3.33	1.12	0.5	1.01	0.91 No	0.5 Element Fault
TWL079	1031	'5760262_/_43778341'		0.87	0.67	3.33	1.12	0.5	1.03	0.91 No	0.5 Element Fault
TWL079	1032	'5733978_/_43773455'		0.93	0.63	3.33	1.12	0.3	1.02	0.91 No	0.3 Element Fault
TWL079	1033	'5752770_/_5752767'		0.93	0.63	3.33	1.12	0.3	1.02	0.91 No	0.3 Element Fault
TWL079	1034	'4728863_/_4728873'		0.93	0.63	3.33	1.12	0.5	1.03	0.91 No	0.5 Element Fault
TWL079	1035	'4719868_/_43565808'		0.97	0.63	3.33	1.12	0.5	1.01	0.91 No	0.5 Element Fault
TWL079	1036	'5733119_/_7101447'		0.93	0.63	3.33	1.12	0.5	1.03	0.91 No	0.5 Element Fault
TWL079	1037	'4730114_/_4730166'		0.93	0.63	3.33	1.12	0.2	1.03	0.91 No	0.2 Element Fault
TWL079	1038	'4728785_/_4728795'		0.93	0.63	3.33	1.12	0.5	1.03	0.91 No	0.5 Element Fault
TWL079	1039	'5760307_/_5760304'		0.87	0.63	3.33	1.12	0.5	1.02	0.91 No	0.5 Element Fault
TWL079	1040	'5733806_/_5733803'		0.93	0.63	3.33	1.12	0.3	1.01	0.91 No	0.3 Element Fault
TWL079	1041	'4730113_/_43568437'		0.93	0.63	3.33	1.12	0.2	1.02	0.91 No	0.2 Element Fault
TWL079	1042	'5735815_/_5735825'		0.87	0.63	3.33	1.12	0.3	1.02	0.91 No	0.3 Element Fault
TWL079	1043	'43773420_/_5752780'		0.93	0.63	3.33	1.12	0.3	1.01	0.91 No	0.3 Element Fault
TWL079	1044	'67490621_/_4730640'		0.9	0.63	3.33	1.12	0.5	1.02	0.91 No	0.5 Element Fault
TWL079	1045	'69652335_/_4730627_2'		0.9	0.63	3.33	1.12	0.5	1.01	0.91 No	0.5 Element Fault
TWL079	1046	'4728901_/_43568064'		0.9	0.63	3.33	1.12	0.5	1.02	0.91 No	0.5 Element Fault
TWL079	1047	'43565670_/_4723854'		0.93	0.63	3.33	1.12	0.5	0.99	0.91 No	0.5 Element Fault
TWL079	1048	'43778328_/_5760217'		0.83	0.63	3.33	1.12	0.5	1.01	0.91 No	0.5 Element Fault
TWL079	1049	'4730088_/_4730098'		0.9	0.63	3.33	1.12	0.2	1.02	0.91 No	0.2 Element Fault
TWL079	1050	'4723869_/_4724007'		0.93	0.63	3.33	1.12	0.5	0.99	0.91 No	0.5 Element Fault
TWL079	1051	'4728784_/_4728782'		0.9	0.63	3.33	1.12	0.5	1.01	0.91 No	0.5 Element Fault
TWL079	1052	'43773038_/_43773040'		0.9	0.63	3.33	1.12	0.5	1	0.91 No	0.5 Element Fault
TWL079	1053	'4719881_/_4719878'		0.93	0.63	3.33	1.12	0.5	0.98	0.91 No	0.5 Element Fault
TWL079	1054	'43773464_/_5733988'		0.9	0.63	3.33	1.12	0.3	0.99	0.91 No	0.3 Element Fault
TWL079	1055	'4728862_/_43568031'		0.9	0.63	3.33	1.12	0.5	1	0.91 No	0.5 Element Fault
TWL079	1056	'43773879_/_43773881'		0.83	0.63	3.33	1.12	0.3	1	0.91 No	0.3 Element Fault
TWL079	1057	'43568358_/_4730085'		0.9	0.63	3.33	1.12	0.2	1	0.91 No	0.2 Element Fault
TWL079	1058	'7084802_/_7084800'		0.9	0.63	3.33	1.12	0.5	0.99	0.91 No	0.5 Element Fault
TWL079	1059	'4723857_/_43565672'		0.93	0.63	3.33	1.12	0.5	0.97	0.91 No	0.5 Element Fault
TWL079	1060	'5734017_/_5734014'		0.9	0.63	3.33	1.12	0.3	0.98	0.91 No	0.3 Element Fault

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary	Regulator	Thermal	Discharging	Element Fault	Breaker Reach	Unintentional	Hosting Capacity		
				Voltage Deviation							Deviation	VSR (MW)	Limiting Threshold
TWL079	1061	'5733819_/_5733816'	0.9	0.63	3.33	1.12	0.3	0.98	0.91	No	0.3	Element Fault	
TWL079	1062	'43778333_/_43778330'	0.8	0.6	3.33	1.12	0.5	0.98	0.91	No	0.5	Element Fault	
TWL079	1063	'4723870_/_4723867'	0.9	0.6	3.33	1.12	0.5	0.96	0.91	No	0.5	Element Fault	
TWL079	1064	'5733991_/_43773466'	0.87	0.6	3.33	1.12	0.3	0.97	0.91	No	0.3	Element Fault	
TWL079	1065	'45274025_/_5733090'	0.87	0.6	3.33	1.12	0.5	0.97	0.91	No	0.5	Element Fault	
TWL079	1066	'4719894_/_4719891'	0.9	0.6	3.33	1.12	0.5	0.95	0.91	No	0.5	Element Fault	
TWL079	1067	'4730062_/_4730072'	0.87	0.6	3.33	1.12	0.2	0.97	0.91	No	0.2	Element Fault	
TWL079	1068	'5759815_/_5759813'	0.8	0.6	3.33	1.12	0.3	0.97	0.91	No	0.3	Element Fault	
TWL079	1069	'5733832_/_5733829'	0.87	0.6	3.33	1.12	0.3	0.95	0.91	No	0.3	Element Fault	
TWL079	1070	'43773486_/_5734095'	0.87	0.6	3.33	1.12	0.3	0.95	0.91	No	0.3	Element Fault	
TWL079	1071	'5734030_/_5734027'	0.87	0.6	3.33	1.12	0.3	0.95	0.91	No	0.3	Element Fault	
TWL079	1072	'43565817_/_4723880'	0.87	0.6	3.33	1.12	0.5	0.93	0.91	No	0.5	Element Fault	
TWL079	1073	'5734043_/_5734040'	0.83	0.6	3.33	1.12	0.3	0.93	0.91	No	0.3	Element Fault	
TWL079	1074	'5759829_/_5759826'	0.77	0.6	3.33	1.12	0.3	0.94	0.91	No	0.3	Element Fault	
TWL079	1075	'43773475_/_5734001'	0.83	0.6	3.33	1.12	0.3	0.93	0.91	No	0.3	Element Fault	
TWL079	1076	'5734098_/_43773488'	0.83	0.57	3.33	1.12	0.3	0.93	0.91	No	0.3	Element Fault	
TWL079	1077	'4730045_/_4730043'	0.83	0.57	3.33	1.12	0.2	0.93	0.91	No	0.2	Element Fault	
TWL079	1078	'43773433_/_43773433'	0.83	0.57	3.33	1.12	0.3	0.92	0.91	No	0.3	Element Fault	
TWL079	1079	'5733845_/_5733842'	0.83	0.57	3.33	1.12	0.3	0.92	0.91	No	0.3	Element Fault	
TWL079	1080	'4723725_/_7084700'	0.77	0.57	3.33	1.12	0.3	0.93	0.91	No	0.3	Element Fault	
TWL079	1081	'43773442_/_5734053'	0.83	0.57	3.33	1.12	0.3	0.92	0.91	No	0.3	Element Fault	
TWL079	1082	'5734004_/_43773477'	0.83	0.57	3.33	1.12	0.3	0.91	0.91	No	0.3	Element Fault	
TWL079	1083	'5734081_/_5734079'	0.83	0.57	3.33	1.12	0.3	0.91	0.91	No	0.3	Element Fault	
TWL079	1084	'4723896_/_43565819'	0.83	0.57	3.33	1.12	0.5	0.9	0.91	No	0.5	Element Fault	
TWL079	1085	'5737742_/_5743447'	0.8	0.57	3.33	1.12	0.3	0.89	0.91	No	0.3	Element Fault	
TWL079	1086	'43566783_/_4723723'	0.73	0.57	3.33	1.12	0.3	0.9	0.91	No	0.3	Element Fault	
TWL079	1087	'483003207_/_4723909'	0.83	0.57	3.33	1.12	0.5	0.87	0.91	No	0.5	Element Fault	
TWL079	1088	'5737743_/_5737740'	0.8	0.57	3.33	1.12	0.3	0.88	0.91	No	0.3	Element Fault	
TWL079	1089	'5734069_/_43773444'	0.8	0.53	3.33	1.12	0.3	0.88	0.91	No	0.3	Element Fault	
TWL079	1090	'7411876_/_8994141_1'	0.8	0.53	3.33	1.12	0.2	0.88	0.91	No	0.2	Element Fault	
TWL079	1091	'4723739_/_4723736'	0.73	0.53	3.33	1.12	0.3	0.87	0.91	No	0.3	Element Fault	
TWL079	1092	'8994144_/_8994141_2'	0.77	0.53	3.33	1.12	0.2	0.86	0.91	No	0.2	Element Fault	
TWL079	1093	'4723752_/_4723749'	0.7	0.53	3.33	1.12	0.3	0.86	0.91	No	0.3	Element Fault	
TWL079	1094	'43566794_/_4723765'	0.7	0.5	3.33	1.12	0.3	0.83	0.91	No	0.3	Element Fault	
TWL079	1095	'4723768_/_43566796'	0.67	0.5	3.33	1.12	0.3	0.81	0.91	No	0.3	Element Fault	
TWL081	0	'TWL081_/_7730195'	10	10	10	2.45	10	10	10	No	2.45	Thermal Discharging	
TWL081	1	'7730197_/_7730195'	10	10	10	2.45	10	10	10	2.61	No	2.45	Thermal Discharging
TWL081	2	'8678704_/_8996165'	10	10	10	2.45	10	10	10	2.59	No	2.45	Thermal Discharging
TWL081	3	'8678705_/_8678702'	10	10	10	2.45	10	10	10	2.58	No	2.45	Thermal Discharging
TWL081	4	'8053429_/_9309884'	10	10	10	2.45	10	10	10	2.58	No	2.45	Thermal Discharging
TWL081	5	'8053430_/_8053427'	10	10	10	2.45	10	10	10	2.58	No	2.45	Thermal Discharging
TWL081	6	'8053449_/_8678882'	10	10	10	2.45	10	10	10	2.57	No	2.45	Thermal Discharging
TWL081	7	'7477994_/_8053447'	10	10	10	2.45	10	10	10	2.57	No	2.45	Thermal Discharging
TWL081	8	'7477995_/_7477992'	10	10	10	2.45	10	10	10	2.57	No	2.45	Thermal Discharging
TWL081	9	'8035424_/_8035421'	10	10	10	2.45	10	10	10	2.57	No	2.45	Thermal Discharging
TWL081	10	'8035444_/_8976481'	10	10	10	2.45	10	10	10	2.57	No	2.45	Thermal Discharging
TWL081	11	'8035443_/_8035441'	10	10	10	2.45	10	10	10	2.57	No	2.45	Thermal Discharging
TWL081	12	'8332567_/_9604399'	9.3	10	10	2.45	10	10	10	2.57	No	2.45	Thermal Discharging
TWL081	13	'7712996_/_8332564'	8.3	10	10	2.45	10	10	10	2.57	No	2.45	Thermal Discharging
TWL081	14	'7398965_/_7712993'	7.5	10	10	2.45	10	10	10	2.57	No	2.45	Thermal Discharging
TWL081	15	'7398964_/_7398962'	7.3	10	10	2.45	10	10	10	2.57	No	2.45	Thermal Discharging
TWL081	16	'7416254_/_8737946'	7	10	10	2.45	10	10	10	2.57	No	2.45	Thermal Discharging
TWL081	17	'7416253_/_7416251'	6.9	10	10	2.45	10	10	10	2.57	No	2.45	Thermal Discharging
TWL081	18	'8995968_/_9622773'	6.9	10	10	2.45	10	10	10	2.57	No	2.45	Thermal Discharging
TWL081	19	'8053009_/_8995965'	6.6	10	10	2.45	10	10	10	2.57	No	2.45	Thermal Discharging
TWL081	20	'7415734_/_8053007'	6.6	10	10	2.45	10	10	10	2.57	No	2.45	Thermal Discharging
TWL081	21	'7415733_/_634683056'	6.3	10	10	2.45	10	10	10	2.57	No	2.45	Thermal Discharging
TWL081	22	'8419027_/_8419024'	6.3	10	10	2.45	10	10	10	2.57	No	2.45	Thermal Discharging
TWL081	23	'7712496_/_9604339'	5.9	10	10	2.45	10	10	10	2.57	No	2.45	Thermal Discharging
TWL081	24	'7398945_/_7712493'	5.7	10	10	2.45	10	10	10	2.57	No	2.45	Thermal Discharging
TWL081	25	'7398944_/_7398942'	5.4	10	10	2.45	10	10	10	2.57	No	2.45	Thermal Discharging
TWL081	26	'8035164_/_9289825'	5.2	10	10	2.45	10	10	10	2.57	No	2.45	Thermal Discharging
TWL081	27	'8035163_/_8035161'	5.1	10	10	2.45	10	10	10	2.57	No	2.45	Thermal Discharging
TWL081	28	'8110501_/_8110498'	4.9	10	10	2.45	10	10	10	2.57	No	2.45	Thermal Discharging
TWL081	29	'7477770_/_9283289'	4.7	10	10	2.45	10	10	10	2.57	No	2.45	Thermal Discharging
TWL081	30	'7477771_/_7477768'	4.6	10	10	2.45	10	10	10	2.57	No	2.45	Thermal Discharging
TWL081	31	'8995089_/_9308812'	4.5	10	10	2.45	10	10	10	2.57	No	2.45	Thermal Discharging
TWL081	32	'8364844_/_8995087'	4.4	9.7	10	2.45	10	10	10	2.57	No	2.45	Thermal Discharging
TWL081	33	'8051851_/_8364842'	4.2	9.3	10	2.45	10	10	10	2.57	No	2.45	Thermal Discharging
TWL081	34	'8051852_/_8051849'	4.2	9	10	2.45	10	10	10	2.57	No	2.45	Thermal Discharging
TWL081	35	'7414831_/_8364862'	4.1	8.6	10	2.45	10	10	10	2.57	No	2.45	Thermal Discharging
TWL081	36	'7414832_/_7414829'	3.9	8.2	10	2.45	10	10	10	2.57	No	2.45	Thermal Discharging
TWL081	37	'7414811_/_8364882'	3.9	8	10	2.45	10	10	10	2.57	No	2.45	Thermal Discharging
TWL081	38	'7414812_/_7414809'	3.9	7.9	10	2.45	10	10	10	2.57	No	2.45	Thermal Discharging
TWL081	39	'8364905_/_8364902'	3.8	7.7	10	2.45	10	10	10	2.57	No	2.45	Thermal Discharging
TWL081	40	'8051872_/_8364922'	3.7	7.4	10	2.45	10	10	10	2.57	No	2.45	Thermal Discharging
TWL081	41	'37933850_/_8051869'	3.7	7.3	10	2.45	10	10	9.99	2.57	No	2.45	Thermal Discharging
TWL081	42	'404548998_/_37933847'	3.7	7.3	10	2.45	10	10	9.99	2.57	No	2.45	Thermal Discharging
TWL081	43	'37933801_/_37933805'	3.7	7.3	10	2.45	10	10	9.99	2.57	No	2.45	Thermal Discharging
TWL081	44	'37933815_/_37933812'	3.7	7.3	10	2.45	5	9.99	2.57	No	2.45	Thermal Discharging	
TWL081	45	'37933836_/_37933840'	3.7	7.3	10	2.45	10	9.99	2.57	No	2.45	Thermal Discharging	
TWL081	46	'114581676_/_8994851_2'	3.7	7.3	10	2.45	10	9.95	2.57	No	2.45	Thermal Discharging	
TWL081	47	'114581662_/_8994851_1'	3.7	7.3	10	2.45	10	9.94	2.57	No	2.45	Thermal Discharging	
TWL081	48	'43775373_/_43775375'	3.6	7.2	10	2.45	10	9.87	2.57	No	2.45	Thermal Discharging	
TWL081	49	'5748009_/_5748006'	3.6	7.1	10	2.45	10	9.76	2.57	No	2.45	Thermal Discharging	
TWL081	50	'5748026_/_5748023'	3.5	7	10	2.45	10	9.65	2.57	No	2.45	Thermal Discharging	
TWL081	51	'5748043_/_5748040'	3.5	6.9	10	2.45	10	9.55	2.57	No	2.45	Thermal Discharging	
TWL081													

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TWL081	59	'339402930_/339402592'		3.2	6.3	10	2.45	5	8.93	2.57 No	2.45 Thermal Discharging
TWL081	60	'339402924_/339402584'		3.2	6.3	10	2.45	5	8.93	2.57 No	2.45 Thermal Discharging
TWL081	61	'339402936_/339402600'		3.2	6.3	10	2.45	5	8.93	2.57 No	2.45 Thermal Discharging
TWL081	62	'7411495_/354389568'		2.13	4.2	6.67	1.64	3.33	5.93	1.72 No	1.64 Thermal Discharging
TWL081	63	'354389550_/339403031'		3.2	6.3	10	2.45	5	8.89	2.57 No	2.45 Thermal Discharging
TWL081	64	'354389545_/354389621'		2.13	4.2	6.67	1.64	3.33	5.91	1.72 No	1.64 Thermal Discharging
TWL081	65	'339402526_/339403007'		3.1	6	10	2.45	5	8.65	2.57 No	2.45 Thermal Discharging
TWL081	66	'9307996_/9307994_1'		1.13	1.97	3.33	0.82	0.5	2.79	0.86 No	0.5 Element Fault
TWL081	67	'49458367_/9408942_2'		3.2	5.6	10	2.45	10	7.99	2.57 No	2.45 Thermal Discharging
TWL081	68	'5745479_/9408942_1'		3.2	5.6	10	2.45	10	7.98	2.57 No	2.45 Thermal Discharging
TWL081	69	'5745462_/5745476'		3.1	5.5	10	2.45	10	7.92	2.57 No	2.45 Thermal Discharging
TWL081	70	'139181031_/5745493_2'		3.1	5.5	10	2.45	10	7.91	2.57 No	2.45 Thermal Discharging
TWL081	71	'5731610_/5745493_1'		3.1	5.5	10	2.45	1.6	7.91	2.57 No	1.6 Element Fault
TWL081	72	'5731656_/5745459'		3.1	5.5	10	2.45	10	7.86	2.57 No	2.45 Thermal Discharging
TWL081	73	'5745444_/5745442'		3.1	5.4	10	2.45	10	7.78	2.57 No	2.45 Thermal Discharging
TWL081	74	'5731550_/5731548_1'		1.03	1.8	3.33	0.82	0.5	2.59	0.86 No	0.5 Element Fault
TWL081	75	'5758599_/5758703'		3.1	5.4	10	2.45	10	7.73	2.57 No	2.45 Thermal Discharging
TWL081	76	'107604585_/5731506'		3	5.4	10	2.45	1.6	7.75	2.57 No	1.6 Element Fault
TWL081	77	'5758629_/5758663_1'		3.1	5.4	10	2.45	1.6	7.71	2.57 No	1.6 Element Fault
TWL081	78	'5750662_/5758720'		3.1	5.4	10	2.45	10	7.67	2.57 No	2.45 Thermal Discharging
TWL081	79	'5744080_/5750659'		3.1	5.3	10	2.45	10	7.64	2.57 No	2.45 Thermal Discharging
TWL081	80	'5743400_/5743398'		3	5.3	10	2.45	1.6	7.67	2.57 No	1.6 Element Fault
TWL081	81	'5750645_/5750676'		3.1	5.3	10	2.45	10	7.6	2.57 No	2.45 Thermal Discharging
TWL081	82	'43776145_/43776147'		1.03	1.77	3.33	0.82	0.7	2.53	0.86 No	0.7 Element Fault
TWL081	83	'5731551_/5731548_2'		1	1.77	3.33	0.82	0.5	2.55	0.86 No	0.5 Element Fault
TWL081	84	'5744079_/5744090_1'		1.03	1.77	3.33	0.82	0.5	2.52	0.86 No	0.5 Element Fault
TWL081	85	'5750628_/5750642'		3.1	5.3	10	2.45	10	7.58	2.57 No	2.45 Thermal Discharging
TWL081	86	'5731509_/107604589'		1	1.77	3.33	0.82	0.53	2.55	0.86 No	0.53 Element Fault
TWL081	87	'7412088_/8675846_2'		3	5.3	10	2.45	1.2	7.63	2.57 No	1.2 Element Fault
TWL081	88	'43775256_/5758663_2'		3.1	5.3	10	2.45	1.6	7.59	2.57 No	1.6 Element Fault
TWL081	89	'5743618_/5750625'		3.1	5.3	10	2.45	10	7.55	2.57 No	2.45 Thermal Discharging
TWL081	90	'5743619_/5745224_1'		1.03	1.77	3.33	0.82	0.5	2.51	0.86 No	0.5 Element Fault
TWL081	91	'5744093_/5744090_2'		1.03	1.73	3.33	0.82	0.5	2.5	0.86 No	0.5 Element Fault
TWL081	92	'5758666_/8364504_1'		3.1	5.3	10	2.45	1.6	7.55	2.57 No	1.6 Element Fault
TWL081	93	'5750594_/5750608'		3.1	5.2	10	2.45	10	7.49	2.57 No	2.45 Thermal Discharging
TWL081	94	'5758645_/5758686_1'		3	5.2	10	2.45	1.7	7.51	2.57 No	1.7 Element Fault
TWL081	95	'5744109_/43776158'		1	1.73	3.33	0.82	0.5	2.48	0.86 No	0.5 Element Fault
TWL081	96	'5743602_/5750591'		3.1	5.2	10	2.45	10	7.4	2.57 No	2.45 Thermal Discharging
TWL081	97	'43778144_/5758597'		1	1.73	3.33	0.82	1.2	2.49	0.86 No	0.82 Thermal Discharging
TWL081	98	'43774853_/5758686_2'		3	5.2	10	2.45	1.7	7.46	2.57 No	1.7 Element Fault
TWL081	99	'5743603_/5745237_1'		1.03	1.73	3.33	0.82	0.5	2.46	0.86 No	0.5 Element Fault
TWL081	100	'5744014_/5750574'		3.1	5.1	10	2.45	10	7.35	2.57 No	2.45 Thermal Discharging
TWL081	101	'5758600_/5758610_1'		1	1.7	3.33	0.82	0.5	2.47	0.86 No	0.5 Element Fault
TWL081	102	'7411496_/339402530'		2.6	5.1	10	2.45	5	7.55	2.57 No	2.45 Thermal Discharging
TWL081	103	'5731522_/5731519'		1	1.7	3.33	0.82	0.53	2.48	0.86 No	0.53 Element Fault
TWL081	104	'5739450_/5745224_2'		1	1.7	3.33	0.82	0.5	2.45	0.86 No	0.5 Element Fault
TWL081	105	'5750543_/5750557'		3.1	5.1	10	2.45	10	7.28	2.57 No	2.45 Thermal Discharging
TWL081	106	'5744015_/5744025_1'		1.03	1.7	3.33	0.82	0.5	2.43	0.86 No	0.5 Element Fault
TWL081	107	'7728534_/8675846_1'		2.9	5.1	10	2.45	0.9	7.37	2.57 No	0.9 Element Fault
TWL081	108	'5743586_/5750540'		3.1	5	10	2.45	10	7.23	2.57 No	2.45 Thermal Discharging
TWL081	109	'5750509_/5750523'		3	5	10	2.45	10	7.19	2.57 No	2.45 Thermal Discharging
TWL081	110	'43776551_/5744025_2'		1.03	1.67	3.33	0.82	0.5	2.41	0.86 No	0.5 Element Fault
TWL081	111	'251325836_/5745250_1'		1.03	1.67	3.33	0.82	0.5	2.4	0.86 No	0.5 Element Fault
TWL081	112	'5739438_/5745237_2'		1	1.67	3.33	0.82	0.5	2.4	0.86 No	0.5 Element Fault
TWL081	113	'5743587_/5745250_2'		1.03	1.67	3.33	0.82	0.5	2.39	0.86 No	0.5 Element Fault
TWL081	114	'5743573_/5750506'		3	5	10	2.45	10	7.14	2.57 No	2.45 Thermal Discharging
TWL081	115	'5731567_/5731564'		0.93	1.67	3.33	0.82	0.5	2.41	0.86 No	0.5 Element Fault
TWL081	116	'5743574_/5745263_2'		1	1.67	3.33	0.82	1.1	2.37	0.86 No	0.82 Thermal Discharging
TWL081	117	'5743885_/5750489'		3	5	10	2.45	10	7.11	2.57 No	2.45 Thermal Discharging
TWL081	118	'5750458_/5750472'		3	4.9	10	2.45	10	7.07	2.57 No	2.45 Thermal Discharging
TWL081	119	'8364506_/8364504_2'		2.9	4.9	10	2.45	1.6	7.19	2.57 No	1.6 Element Fault
TWL081	120	'5743976_/264010239'		1.03	1.63	3.33	0.82	0.5	2.35	0.86 No	0.5 Element Fault
TWL081	121	'5743557_/5750455'		3	4.9	10	2.45	10	7.01	2.57 No	2.45 Thermal Discharging
TWL081	122	'5743684_/5748911'		3	4.9	10	2.45	10	6.99	2.57 No	2.45 Thermal Discharging
TWL081	123	'5743558_/5745276_1'		1	1.63	3.33	0.82	0.5	2.33	0.86 No	0.5 Element Fault
TWL081	124	'5748880_/5748894'		3	4.8	10	2.45	10	6.95	2.57 No	2.45 Thermal Discharging
TWL081	125	'50721487_/50721484'		2.8	4.8	10	2.45	1.7	7.08	2.57 No	1.7 Element Fault
TWL081	126	'7728535_/7728532'		2.7	4.8	10	2.45	0.9	7.11	2.57 No	0.9 Element Fault
TWL081	127	'5743671_/5743668_2'		1	1.6	3.33	0.82	1.1	2.31	0.86 No	0.82 Thermal Discharging
TWL081	128	'5739240_/5745263_1'		1	1.6	3.33	0.82	0.5	2.32	0.86 No	0.5 Element Fault
TWL081	129	'5731538_/5731535'		1	1.6	3.33	0.82	0.53	2.36	0.86 No	0.53 Element Fault
TWL081	130	'5743540_/5748877'		3	4.8	10	2.45	10	6.91	2.57 No	2.45 Thermal Discharging
TWL081	131	'5731758_/5758610_2'		0.93	1.6	3.33	0.82	0.5	2.35	0.86 No	0.5 Element Fault
TWL081	132	'5743541_/5745289_1'		3	4.8	10	2.45	1.5	6.9	2.57 No	1.5 Element Fault
TWL081	133	'5739451_/5739448'		0.93	1.6	3.33	0.82	0.5	2.33	0.86 No	0.5 Element Fault
TWL081	134	'43776134_/43776136'		1	1.6	3.33	0.82	1.2	2.31	0.86 No	0.82 Thermal Discharging
TWL081	135	'5743742_/5748860'		3	4.8	10	2.45	10	6.87	2.57 No	2.45 Thermal Discharging
TWL081	136	'357766443_/349674836_1'		3	4.8	10	2.45	1.6	6.86	2.57 No	1.6 Element Fault
TWL081	137	'5744041_/5744038'		1.03	1.6	3.33	0.82	0.5	2.31	0.86 No	0.5 Element Fault
TWL081	138	'5748829_/5748843'		3	4.8	10	2.45	10	6.85	2.57 No	2.45 Thermal Discharging
TWL081	139	'5743658_/5743668_1'		1	1.6	3.33	0.82	0.5	2.29	0.86 No	0.5 Element Fault
TWL081	140	'5743884_/43778192_2'		1	1.6	3.33	0.82	1.2	2.29	0.86 No	0.82 Thermal Discharging
TWL081	141	'5739425_/5739435'		0.93	1.6	3.33	0.82	0.5	2.31	0.86 No	0.5 Element Fault
TWL081	142	'43776031_/43776033'		3	4.7	10	2.45	10	6.81	2.57 No	2.45 Thermal Discharging
TWL081	143	'436741101_/5748806_2'		3	4.7	10	2.45	10	6.81	2.57 No	2.45 Thermal Discharging
TWL081	144	'5738909_/5745276_2'		1	1.57	3.33	0.82	0.5	2.28	0.86 No	0.5 Element Fault
TWL081	145	'5743963_/5743973'		1.03	1.57	3.33	0.82	0.5	2.29	0.86 No	0.5 Element Fault
TWL081	146	'5739252_/5745250_3'		1.03	1.57	3.33	0.82	0.5	2.28	0.86 No	0.5 Element Fault
TWL081	147	'5748808_/5748806_1'		3	4.7	10	2.45	10	6.74	2.57 No	2.45 Thermal Discharging
TWL081	148	'5747719_/5751053'		3	4.7	10	2.45	10	6.72	2.57 No	2.45 Thermal Discharging
TWL081	149	'5738620_/5745289_2'		2.9	4.7	10	2.45	1.5	6.75	2.57 No	1.5 Element Fault
TWL081	150	'5743726_/5743739_2'		1	1.57	3.33	0.82	1.1	2.24	0.86 No	0.82 Thermal Discharging
TWL081	151	'5750971_/5750985'		3	4.7	10	2.45	10	6.69	2.57 No	2.45 Thermal Discharging
TWL081	152	'8994260_/8994257_2'		1	1.57	3.33	0.82	1.4	2.23	0.86 No	0.82 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
											VSR (MW)	Limiting Threshold
TWL081	153	'43774783_/_5747717'		3	4.7	10	2.45	10	6.68	2.57 No	2.45	Thermal Discharging
TWL081	154	'5747720_/_5747734_1'		3	4.7	10	2.45	10	6.67	2.57 No	2.45	Thermal Discharging
TWL081	155	'7728051_/_8051013_1'		2	3.8	10	2.45	5	6.96	2.57 No	2	Primary Over-Voltage
TWL081	156	'5731580_/_5731577'		0.9	1.53	3.33	0.82	0.5	2.28	0.86 No	0.5	Element Fault
TWL081	157	'5747737_/_5747734_2'		3	4.6	10	2.45	10	6.65	2.57 No	2.45	Thermal Discharging
TWL081	158	'401696880_/_5747751'		3	4.6	10	2.45	10	6.65	2.57 No	2.45	Thermal Discharging
TWL081	159	'43776020_/_5743739_1'		1	1.53	3.33	0.82	0.5	2.23	0.86 No	0.5	Element Fault
TWL081	160	'5750954_/_5750968'		3	4.6	10	2.45	10	6.64	2.57 No	2.45	Thermal Discharging
TWL081	161	'401697072_/_401696982_1'		3	4.6	10	2.45	1.5	6.62	2.57 No	1.5	Element Fault
TWL081	162	'409514812_/_7728432_1'		3	4.6	10	2.45	1.5	6.62	2.57 No	1.5	Element Fault
TWL081	163	'5750937_/_5750951'		2.9	4.6	10	2.45	10	6.6	2.57 No	2.45	Thermal Discharging
TWL081	164	'43774770_/_401696888'		3	4.6	10	2.45	10	6.6	2.57 No	2.45	Thermal Discharging
TWL081	165	'8364631_/_8364628_2'		1	1.53	3.33	0.82	1.4	2.2	0.86 No	0.82	Thermal Discharging
TWL081	166	'5739227_/_5739237'		1	1.53	3.33	0.82	0.5	2.22	0.86 No	0.5	Element Fault
TWL081	167	'5745312_/_5750934'		2.9	4.6	10	2.45	10	6.57	2.57 No	2.45	Thermal Discharging
TWL081	168	'43778190_/_43778192_1'		1	1.53	3.33	0.82	0.5	2.22	0.86 No	0.5	Element Fault
TWL081	169	'401696956_/_401696982_2'		2.9	4.6	10	2.45	1.5	6.57	2.57 No	1.5	Element Fault
TWL081	170	'409514719_/_7728432_2'		2.9	4.6	10	2.45	1.5	6.57	2.57 No	1.5	Element Fault
TWL081	171	'8364809_/_8364806'		0.97	1.53	3.33	0.82	0.5	2.19	0.86 No	0.5	Element Fault
TWL081	172	'5739253_/_5739250'		1.03	1.53	3.33	0.82	0.5	2.22	0.86 No	0.5	Element Fault
TWL081	173	'5747771_/_5747768'		2.9	4.6	10	2.45	10	6.53	2.57 No	2.45	Thermal Discharging
TWL081	174	'409514783_/_409514734_1'		2.9	4.6	10	2.45	1.5	6.55	2.57 No	1.5	Element Fault
TWL081	175	'5744569_/_5750917'		2.9	4.5	10	2.45	10	6.52	2.57 No	2.45	Thermal Discharging
TWL081	176	'8364410_/_8364424_2'		0.97	1.5	3.33	0.82	1.4	2.17	0.86 No	0.82	Thermal Discharging
TWL081	177	'43774934_/_43774936'		2.7	4.5	10	2.45	1.7	6.71	2.57 No	1.7	Element Fault
TWL081	178	'5747788_/_5747785'		2.9	4.5	10	2.45	10	6.48	2.57 No	2.45	Thermal Discharging
TWL081	179	'5750886_/_5750900'		2.9	4.5	10	2.45	10	6.48	2.57 No	2.45	Thermal Discharging
TWL081	180	'8364615_/_8364628_1'		1	1.5	3.33	0.82	0.5	2.16	0.86 No	0.5	Element Fault
TWL081	181	'43772604_/_5731756'		0.87	1.5	3.33	0.82	0.5	2.22	0.86 No	0.5	Element Fault
TWL081	182	'5744570_/_5744584_1'		2.9	4.5	10	2.45	1.5	6.47	2.57 No	1.5	Element Fault
TWL081	183	'43774888_/_5739464'		0.9	1.5	3.33	0.82	0.5	2.21	0.86 No	0.5	Element Fault
TWL081	184	'43776044_/_43776046'		1	1.5	3.33	0.82	0.5	2.18	0.86 No	0.5	Element Fault
TWL081	185	'5738896_/_5738906'		1	1.5	3.33	0.82	0.5	2.18	0.86 No	0.5	Element Fault
TWL081	186	'5738642_/_5747802'		2.9	4.5	10	2.45	10	6.44	2.57 No	2.45	Thermal Discharging
TWL081	187	'43774391_/_43774393'		2.9	4.5	10	2.45	5.2	6.46	2.57 No	2.45	Thermal Discharging
TWL081	188	'5750869_/_5750883'		2.9	4.5	10	2.45	10	6.44	2.57 No	2.45	Thermal Discharging
TWL081	189	'5745311_/_5745309'		2.9	4.5	10	2.45	1.9	6.46	2.57 No	1.9	Element Fault
TWL081	190	'43776077_/_43776079'		1.03	1.5	3.33	0.82	0.5	2.19	0.86 No	0.5	Element Fault
TWL081	191	'43774866_/_43774868'		0.9	1.5	3.33	0.82	0.5	2.19	0.86 No	0.5	Element Fault
TWL081	192	'9307916_/_9307978_2'		0.97	1.5	3.33	0.82	1.5	2.14	0.86 No	0.82	Thermal Discharging
TWL081	193	'63783112_/_57973308_1'		2.9	4.5	10	2.45	1.5	6.42	2.57 No	1.5	Element Fault
TWL081	194	'76098346_/_5750866'		2.9	4.5	10	2.45	10	6.4	2.57 No	2.45	Thermal Discharging
TWL081	195	'43774796_/_5747819'		2.9	4.5	10	2.45	10	6.4	2.57 No	2.45	Thermal Discharging
TWL081	196	'466938161_/_466938165'		2.9	4.4	10	2.45	10	6.38	2.57 No	2.45	Thermal Discharging
TWL081	197	'43776088_/_5745059'		0.97	1.47	3.33	0.82	0.5	2.18	0.86 No	0.5	Element Fault
TWL081	198	'475498088_/_475498092'		2.9	4.4	10	2.45	10	6.36	2.57 No	2.45	Thermal Discharging
TWL081	199	'5738697_/_43774798'		2.9	4.4	10	2.45	10	6.34	2.57 No	2.45	Thermal Discharging
TWL081	200	'475497885_/_475497889'		2.9	4.4	10	2.45	10	6.34	2.57 No	2.45	Thermal Discharging
TWL081	201	'475497970_/_5745329_1'		0.97	1.47	3.33	0.82	0.5	2.11	0.86 No	0.5	Element Fault
TWL081	202	'8994259_/_8994257_1'		1	1.47	3.33	0.82	0.5	2.13	0.86 No	0.5	Element Fault
TWL081	203	'5738607_/_43774627'		2.7	4.4	10	2.45	1.5	6.43	2.57 No	1.5	Element Fault
TWL081	204	'5748772_/_5748735'		2.8	4.4	10	2.45	10	6.3	2.57 No	2.45	Thermal Discharging
TWL081	205	'8675985_/_57973308_2'		2.8	4.4	10	2.45	1.5	6.32	2.57 No	1.5	Element Fault
TWL081	206	'7728619_/_8364612'		1	1.47	3.33	0.82	0.5	2.11	0.86 No	0.5	Element Fault
TWL081	207	'5744122_/_5751019'		2.8	4.4	10	2.45	10	6.26	2.57 No	2.45	Thermal Discharging
TWL081	208	'5738921_/_5747853'		2.9	4.4	10	2.45	10	6.26	2.57 No	2.45	Thermal Discharging
TWL081	209	'5751004_/_5751002'		2.8	4.3	10	2.45	10	6.24	2.57 No	2.45	Thermal Discharging
TWL081	210	'7728050_/_7728048'		1.33	2.53	6.67	1.64	3.33	4.38	1.72 No	1.33	Primary Over-Voltage
TWL081	211	'43775944_/_466938184'		2.8	4.3	10	2.45	5	6.26	2.57 No	2.45	Thermal Discharging
TWL081	212	'69652869_/_5738695_1'		0.6	0.83	3.33	0.82	0.5	2.08	0.86 No	0.5	Element Fault
TWL081	213	'475498071_/_5745137_1'		2.8	4.3	10	2.45	1.8	6.24	2.57 No	1.8	Element Fault
TWL081	214	'5756400_/_5756397'		2.9	4.3	10	2.45	10	6.21	2.57 No	2.45	Thermal Discharging
TWL081	215	'5744121_/_43777747_2'		0.93	1.43	3.33	0.82	1.2	2.07	0.86 No	0.82	Thermal Discharging
TWL081	216	'5743713_/_5743723'		0.97	1.43	3.33	0.82	0.5	2.11	0.86 No	0.5	Element Fault
TWL081	217	'5738922_/_5738932_1'		0.93	1.43	3.33	0.82	0.5	2.07	0.86 No	0.5	Element Fault
TWL081	218	'5747482_/_5751073'		2.8	4.3	10	2.45	10	6.18	2.57 No	2.45	Thermal Discharging
TWL081	219	'43776407_/_5744584_2'		2.8	4.3	10	2.45	1.5	6.25	2.57 No	1.5	Element Fault
TWL081	220	'43774809_/_43774811'		1	1.43	3.33	0.82	0.5	2.11	0.86 No	0.5	Element Fault
TWL081	221	'5738594_/_5738604'		2.7	4.3	10	2.45	1.5	6.32	2.57 No	1.5	Element Fault
TWL081	222	'475682239_/_473671413_1'		2.7	4.3	10	2.45	0.9	6.31	2.57 No	0.9	Element Fault
TWL081	223	'43777400_/_5756414'		2.8	4.3	10	2.45	10	6.16	2.57 No	2.45	Thermal Discharging
TWL081	224	'5739266_/_5739263'		1	1.43	3.33	0.82	0.5	2.11	0.86 No	0.5	Element Fault
TWL081	225	'5743859_/_5759386'		1	1.43	3.33	0.82	0.5	2.1	0.86 No	0.5	Element Fault
TWL081	226	'349674959_/_349675005'		1.8	2.87	6.67	1.64	1.07	4.2	1.72 No	1.07	Element Fault
TWL081	227	'43774660_/_5738640'		0.93	1.43	3.33	0.82	1.1	2.07	0.86 No	0.82	Thermal Discharging
TWL081	228	'8425105_/_9307978_1'		0.93	1.43	3.33	0.82	0.5	2.07	0.86 No	0.5	Element Fault
TWL081	229	'5747465_/_5747479'		2.8	4.3	10	2.45	10	6.13	2.57 No	2.45	Thermal Discharging
TWL081	230	'8364426_/_8364424_1'		0.93	1.43	3.33	0.82	0.5	2.07	0.86 No	0.5	Element Fault
TWL081	231	'349674945_/_349674836_2'		2.7	4.3	10	2.45	1.6	6.26	2.57 No	1.6	Element Fault
TWL081	232	'5739399_/_5739409'		0.83	1.43	3.33	0.82	0.5	2.1	0.86 No	0.5	Element Fault
TWL081	233	'5756437_/_5756434'		2.8	4.3	10	2.45	10	6.12	2.57 No	2.45	Thermal Discharging
TWL081	234	'5739480_/_5739477'		0.83	1.43	3.33	0.82	0.5	2.11	0.86 No	0.5	Element Fault
TWL081	235	'5738643_/_5738653_1'		0.93	1.4	3.33	0.82	0.5	2.05	0.86 No	0.5	Element Fault
TWL081	236	'5731772_/_5731769'		0.83	1.4	3.33	0.82	0.5	2.11	0.86 No	0.5	Element Fault
TWL081	237	'5737545_/_5747462'		2.7	4.2	10	2.45	10	6.08	2.57 No	2.45	Thermal Discharging
TWL081	238	'43774947_/_43774949'		2.5	4.2	10	2.45	1.7	6.36	2.57 No	1.7	Element Fault
TWL081	239	'5756454_/_5756451'		2.8	4.2	10	2.45	10	6.08	2.57 No	2.45	Thermal Discharging
TWL081	240	'5743937_/_5743947'		1	1.4	3.33	0.82	0.5	2.08	0.86 No	0.5	Element Fault
TWL081	241	'5745140_/_5745137_2'		2.7	4.2	10	2.45	1.8	6.13	2.57 No	1.8	Element Fault
TWL081	242	'8052351_/_9309048_2'		2.8	4.2	10	2.45	5.6	6.07	2.57 No	2.45	Thermal Discharging
TWL081	243	'45076611_/_5743642'		1	1.4	3.33	0.82	0.5	2.07	0.86 No	0.5	Element Fault
TWL081	244	'5737531_/_5737542_2'		0.9	1.4	3.33	0.82	1.2	2.02	0.86 No	0.82	Thermal Discharging
TWL081	245	'5756471_/_5756468'		2.8	4.2	10	2.45	10	6.04	2.57 No	2.45	Thermal Discharging
TWL081	246	'349674987_/_349675055'		1.73	2.8	6.67	1.64	1.07	4.13	1.72 No	1.07	Element Fault

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TWL081	247	'5747431_/_5747445'		2.7	4.2	10	2.45	10	6.04	2.57 No	2.45 Thermal Discharging
TWL081	248	'5737713_/_5745329_2'		0.97	1.4	3.33	0.82	0.5	2.02	0.86 No	0.5 Element Fault
TWL081	249	'43774704_/_43774706'		1	1.4	3.33	0.82	0.5	2.06	0.86 No	0.5 Element Fault
TWL081	250	'491157976_/_8052043_1'		0.93	1.4	3.33	0.82	0.4	2.01	0.86 No	0.4 Element Fault
TWL081	251	'337771998_/_337772014'		2	3.8	10	2.45	5	6.36	2.57 No	2 Primary Over-Voltage
TWL081	252	'37933689_/_337772004'		2	3.8	10	2.45	5	6.36	2.57 No	2 Primary Over-Voltage
TWL081	253	'473671397_/_473671413_2'		2.6	4.2	10	2.45	0.9	6.17	2.57 No	0.9 Element Fault
TWL081	254	'337772017_/_7728066'		2	3.8	10	2.45	5	6.35	2.57 No	2 Primary Over-Voltage
TWL081	255	'337771999_/_337771996'		2	3.8	10	2.45	5	6.35	2.57 No	2 Primary Over-Voltage
TWL081	256	'5756488_/_5756485'		2.8	4.2	10	2.45	10	6	2.57 No	2.45 Thermal Discharging
TWL081	257	'5747430_/_5747428'		2.7	4.2	10	2.45	10	5.99	2.57 No	2.45 Thermal Discharging
TWL081	258	'8994473_/_8994471'		0.97	1.4	3.33	0.82	0.5	2.03	0.86 No	0.5 Element Fault
TWL081	259	'349674973_/_349675031'		2.6	4.2	10	2.45	1.6	6.15	2.57 No	1.6 Element Fault
TWL081	260	'115673256_/_115673265'		2.8	4.2	10	2.45	10	5.98	2.57 No	2.45 Thermal Discharging
TWL081	261	'8051344_/_8051341'		2.7	4.2	10	2.45	1.9	6.09	2.57 No	1.9 Element Fault
TWL081	262	'5744054_/_5744051'		0.93	1.4	3.33	0.82	0.5	2.06	0.86 No	0.5 Element Fault
TWL081	263	'121550545_/_115673353_2'		2.8	4.2	10	2.45	5.3	5.96	2.57 No	2.45 Thermal Discharging
TWL081	264	'43773374_/_43773376'		2.7	4.1	10	2.45	10	5.94	2.57 No	2.45 Thermal Discharging
TWL081	265	'8052352_/_9309048_1'		2.8	4.1	10	2.45	1.7	5.97	2.57 No	1.7 Element Fault
TWL081	266	'147812763_/_5753867_1'		2.7	4.1	10	2.45	10	5.94	2.57 No	2.45 Thermal Discharging
TWL081	267	'43777745_/_43777747_1'		0.93	1.37	3.33	0.82	0.5	1.99	0.86 No	0.5 Element Fault
TWL081	268	'43774715_/_5738932_2'		0.9	1.37	3.33	0.82	0.5	1.99	0.86 No	0.5 Element Fault
TWL081	269	'327930021_/_9307534_1'		2	3.8	10	2.45	2.5	6.27	2.57 No	2 Primary Over-Voltage
TWL081	270	'5738656_/_5738653_2'		0.9	1.37	3.33	0.82	0.5	2	0.86 No	0.5 Element Fault
TWL081	271	'5737532_/_5737542_1'		0.9	1.37	3.33	0.82	0.5	1.98	0.86 No	0.5 Element Fault
TWL081	272	'43774638_/_43774640'		0.9	1.37	3.33	0.82	0.5	2.02	0.86 No	0.5 Element Fault
TWL081	273	'7796578_/_471705662'		0.87	1.37	3.33	0.82	0.5	2	0.86 No	0.5 Element Fault
TWL081	274	'5744587_/_43776409'		2.6	4.1	10	2.45	1.5	6	2.57 No	1.5 Element Fault
TWL081	275	'5739198_/_5739211'		0.97	1.37	3.33	0.82	0.5	2.02	0.86 No	0.5 Element Fault
TWL081	276	'339994877_/_9307534_2'		2	3.8	10	2.45	2.5	6.23	2.57 No	2 Primary Over-Voltage
TWL081	277	'115673356_/_115673353_1'		2.7	4.1	10	2.45	3.8	5.88	2.57 No	2.45 Thermal Discharging
TWL081	278	'37934585_/_8052043_2'		0.93	1.37	3.33	0.82	0.4	1.96	0.86 No	0.4 Element Fault
TWL081	279	'37934592_/_37934589'		0.93	1.37	3.33	0.82	0.4	1.96	0.86 No	0.4 Element Fault
TWL081	280	'37934626_/_37934624'		0.93	1.37	3.33	0.82	0.4	1.96	0.86 No	0.4 Element Fault
TWL081	281	'37934613_/_37934617'		0.93	1.37	3.33	0.82	0.4	1.96	0.86 No	0.4 Element Fault
TWL081	282	'37934599_/_37934603'		0.93	1.37	3.33	0.82	0.4	1.96	0.86 No	0.4 Element Fault
TWL081	283	'43772593_/_5731782'		0.8	1.37	3.33	0.82	0.5	2.04	0.86 No	0.5 Element Fault
TWL081	284	'5743846_/_5743856'		0.97	1.37	3.33	0.82	0.5	2.01	0.86 No	0.5 Element Fault
TWL081	285	'8994291_/_9307898'		0.87	1.37	3.33	0.82	0.5	1.99	0.86 No	0.5 Element Fault
TWL081	286	'43776009_/_43776011'		0.93	1.33	3.33	0.82	0.5	1.99	0.86 No	0.5 Element Fault
TWL081	287	'8994458_/_9308096'		0.97	1.33	3.33	0.82	0.5	1.98	0.86 No	0.5 Element Fault
TWL081	288	'5739386_/_5739396'		0.8	1.33	3.33	0.82	0.5	2.01	0.86 No	0.5 Element Fault
TWL081	289	'115673693_/_115673439_2'		0.9	1.33	3.33	0.82	1.27	1.95	0.86 No	0.82 Thermal Discharging
TWL081	290	'7796577_/_7796575_1'		0.87	1.33	3.33	0.82	0.5	1.98	0.86 No	0.5 Element Fault
TWL081	291	'141682808_/_130263236_1'		0.77	1.33	3.33	0.82	0.3	2.02	0.86 No	0.3 Element Fault
TWL081	292	'5739557_/_5739555'		2.4	4	10	2.45	1.7	6.1	2.57 No	1.7 Element Fault
TWL081	293	'43774831_/_5739276'		0.97	1.33	3.33	0.82	0.5	2	0.86 No	0.5 Element Fault
TWL081	294	'43774899_/_5739490'		0.8	1.33	3.33	0.82	0.5	2	0.86 No	0.5 Element Fault
TWL081	295	'5737714_/_5737711'		0.97	1.33	3.33	0.82	0.5	1.94	0.86 No	0.5 Element Fault
TWL081	296	'5738870_/_5738880'		0.93	1.33	3.33	0.82	0.5	1.97	0.86 No	0.5 Element Fault
TWL081	297	'5743924_/_5743934'		0.93	1.33	3.33	0.82	0.5	1.98	0.86 No	0.5 Element Fault
TWL081	298	'43776167_/_5745154'		2.6	4	10	2.45	1.8	5.83	2.57 No	1.8 Element Fault
TWL081	299	'5755628_/_5755626'		0.9	1.33	3.33	0.82	0.5	1.93	0.86 No	0.5 Element Fault
TWL081	300	'5740437_/_5740434'		0.77	1.33	3.33	0.82	0.57	2	0.86 No	0.57 Element Fault
TWL081	301	'5731291_/_5731590'		2	3.8	10	2.45	2.5	6.04	2.57 No	2 Primary Over-Voltage
TWL081	302	'43776099_/_5744064'		0.87	1.3	3.33	0.82	0.5	1.97	0.86 No	0.5 Element Fault
TWL081	303	'7728618_/_7728616'		0.93	1.3	3.33	0.82	0.5	1.93	0.86 No	0.5 Element Fault
TWL081	304	'7415140_/_7415137'		0.9	1.3	3.33	0.82	0.4	1.89	0.86 No	0.4 Element Fault
TWL081	305	'5738948_/_5738945'		0.87	1.3	3.33	0.82	0.5	1.9	0.86 No	0.5 Element Fault
TWL081	306	'7411964_/_115673439_1'		0.9	1.3	3.33	0.82	0.5	1.88	0.86 No	0.5 Element Fault
TWL081	307	'5739185_/_5739195'		0.93	1.3	3.33	0.82	0.5	1.93	0.86 No	0.5 Element Fault
TWL081	308	'5739373_/_5739383'		0.77	1.3	3.33	0.82	0.5	1.94	0.86 No	0.5 Element Fault
TWL081	309	'115673379_/_115673376'		2.6	3.9	10	2.45	3.8	5.64	2.57 No	2.45 Thermal Discharging
TWL081	310	'5738565_/_5738575'		0.9	1.3	3.33	0.82	0.5	1.93	0.86 No	0.5 Element Fault
TWL081	311	'43774347_/_5737555'		0.9	1.3	3.33	0.82	0.5	1.88	0.86 No	0.5 Element Fault
TWL081	312	'8995228_/_8995225'		0.9	1.3	3.33	0.82	0.4	1.88	0.86 No	0.4 Element Fault
TWL081	313	'7411547_/_7411545'		0.67	1.3	3.33	0.82	1.67	2.02	0.86 No	0.67 Primary Over-Voltage
TWL081	314	'43774673_/_5738669'		0.83	1.3	3.33	0.82	0.5	1.89	0.86 No	0.5 Element Fault
TWL081	315	'7828127_/_7828124_2'		0.9	1.3	3.33	0.82	0.4	1.88	0.86 No	0.4 Element Fault
TWL081	316	'7411532_/_7411529_2'		0.67	1.3	3.33	0.82	1.67	2.02	0.86 No	0.67 Primary Over-Voltage
TWL081	317	'43774380_/_5737727'		0.93	1.27	3.33	0.82	0.5	1.88	0.86 No	0.5 Element Fault
TWL081	318	'44779887_/_5743697'		0.87	1.27	3.33	0.82	0.5	1.91	0.86 No	0.5 Element Fault
TWL081	319	'5739506_/_5739503'		0.77	1.27	3.33	0.82	0.5	1.93	0.86 No	0.5 Element Fault
TWL081	320	'5743781_/_5743843'		0.9	1.27	3.33	0.82	0.5	1.91	0.86 No	0.5 Element Fault
TWL081	321	'5730526_/_7411529_1'		0.67	1.27	3.33	0.82	0.5	2.01	0.86 No	0.5 Element Fault
TWL081	322	'44548018_/_7828124_1'		0.9	1.27	3.33	0.82	0.4	1.86	0.86 No	0.4 Element Fault
TWL081	323	'5739292_/_5739289'		0.9	1.27	3.33	0.82	0.5	1.91	0.86 No	0.5 Element Fault
TWL081	324	'349675135_/_349675117'		1.6	2.53	6.67	1.64	1.07	3.82	1.72 No	1.07 Element Fault
TWL081	325	'702272820_/_702272736_1'		0.77	1.27	3.33	0.82	0.3	1.92	0.86 No	0.3 Element Fault
TWL081	326	'7411564_/_7411561'		0.63	1.27	3.33	0.82	1.67	2	0.86 No	0.63 Primary Over-Voltage
TWL081	327	'349675101_/_349675077'		2.4	3.8	10	2.45	1.6	5.69	2.57 No	1.6 Element Fault
TWL081	328	'5744135_/_5745171'		2.5	3.8	10	2.45	1.8	5.61	2.57 No	1.8 Element Fault
TWL081	329	'5758108_/_5758118'		0.87	1.27	3.33	0.82	0.5	1.85	0.86 No	0.5 Element Fault
TWL081	330	'5738857_/_5738867'		0.9	1.27	3.33	0.82	0.5	1.88	0.86 No	0.5 Element Fault
TWL081	331	'5744134_/_5758157_2'		0.83	1.27	3.33	0.82	0.6	1.86	0.86 No	0.6 Element Fault
TWL081	332	'43772524_/_43772526'		1.9	3.8	10	2.45	2.5	5.79	2.57 No	1.9 Primary Over-Voltage
TWL081	333	'8994457_/_8994455'		0.9	1.23	3.33	0.82	0.5	1.86	0.86 No	0.5 Element Fault
TWL081	334	'8117062_/_8117060'		1.13	1.8	6.67	1.64	3.33	3.85	1.72 No	1.13 Primary Over-Voltage
TWL081	335	'5743911_/_5743921'		0.9	1.23	3.33	0.82	0.5	1.88	0.86 No	0.5 Element Fault
TWL081	336	'349675149_/_349674874'		1.4	2.27	6.67	1.64	1.07	3.75	1.72 No	1.07 Element Fault
TWL081	337	'5743794_/_5743791'		0.9	1.23	3.33	0.82	0.5	1.87	0.86 No	0.5 Element Fault
TWL081	338	'5739172_/_5739182'		0.87	1.23	3.33	0.82	0.5	1.86	0.86 No	0.5 Element Fault
TWL081	339	'7411516_/_8993999'		1.9	3.7	10	2.45	5	5.73	2.57 No	1.9 Primary Over-Voltage
TWL081	340	'5738552_/_5738562'		0.9	1.23	3.33	0.82	0.5	1.86	0.86 No	0.5 Element Fault

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TWL081	341	'5752087_/43776101'	0.83	1.23	3.33	0.82	0.5	1.87	0.86 No	0.5	Element Fault
TWL081	342	'8051035_/130263236_2'	0.7	1.23	3.33	0.82	0.3	1.88	0.86 No	0.3	Element Fault
TWL081	343	'43774877_/5739370'	0.73	1.23	3.33	0.82	0.5	1.86	0.86 No	0.5	Element Fault
TWL081	344	'5738961_/5738958'	0.8	1.23	3.33	0.82	0.5	1.82	0.86 No	0.5	Element Fault
TWL081	345	'5737730_/43774382'	0.87	1.23	3.33	0.82	0.3	1.81	0.86 No	0.3	Element Fault
TWL081	346	'44684285_/5738682'	0.8	1.23	3.33	0.82	0.5	1.82	0.86 No	0.5	Element Fault
TWL081	347	'85868071_/115673395'	2.5	3.7	10	2.45	3.8	5.41	2.57 No	2.45	Thermal Discharging
TWL081	348	'5758147_/5758157_1'	0.83	1.23	3.33	0.82	0.3	1.83	0.86 No	0.3	Element Fault
TWL081	349	'5738539_/5738549'	0.87	1.23	3.33	0.82	0.5	1.84	0.86 No	0.5	Element Fault
TWL081	350	'5730513_/5730523'	0.63	1.23	3.33	0.82	0.5	1.93	0.86 No	0.5	Element Fault
TWL081	351	'5758107_/5758105'	0.83	1.23	3.33	0.82	0.5	1.81	0.86 No	0.5	Element Fault
TWL081	352	'5758574_/5758571'	0.87	1.23	3.33	0.82	0.5	1.84	0.86 No	0.5	Element Fault
TWL081	353	'8675776_/702272736_2'	0.73	1.23	3.33	0.82	0.3	1.85	0.86 No	0.3	Element Fault
TWL081	354	'5743820_/5743830'	0.87	1.23	3.33	0.82	0.5	1.83	0.86 No	0.5	Element Fault
TWL081	355	'339403176_/339403151_1'	0.8	1.4	10	2.45	1	5.64	2.57 No	0.8	Primary Over-Voltage
TWL081	356	'5743768_/5743778'	0.87	1.2	3.33	0.82	0.5	1.83	0.86 No	0.5	Element Fault
TWL081	357	'7728587_/7728584'	0.77	1.2	3.33	0.82	1.67	1.92	0.86 No	0.77	Primary Over-Voltage
TWL081	358	'5752702_/5752712'	2.5	3.6	10	2.45	3.8	5.36	2.57 No	2.45	Thermal Discharging
TWL081	359	'43775026_/5758830'	0.87	1.2	3.33	0.82	0.4	1.79	0.86 No	0.4	Element Fault
TWL081	360	'7414941_/8995241'	0.87	1.2	3.33	0.82	0.4	1.79	0.86 No	0.4	Element Fault
TWL081	361	'5742931_/8364488_1'	0.77	1.2	3.33	0.82	0.5	1.91	0.86 No	0.5	Element Fault
TWL081	362	'43772315_/5730614'	0.63	1.2	3.33	0.82	0.5	1.91	0.86 No	0.5	Element Fault
TWL081	363	'7414958_/7729296_1'	0.83	1.2	3.33	0.82	0.3	1.78	0.86 No	0.3	Element Fault
TWL081	364	'5731273_/5731271'	1.8	3.6	10	2.45	2.5	5.61	2.57 No	1.8	Primary Over-Voltage
TWL081	365	'7411963_/481980806'	0.87	1.2	3.33	0.82	0.5	1.78	0.86 No	0.5	Element Fault
TWL081	366	'5737571_/43774349'	0.83	1.2	3.33	0.82	0.5	1.78	0.86 No	0.5	Element Fault
TWL081	367	'43774910_/5739516'	0.7	1.2	3.33	0.82	0.5	1.83	0.86 No	0.5	Element Fault
TWL081	368	'43775797_/8364488_2'	0.77	1.2	3.33	0.82	0.5	1.91	0.86 No	0.5	Element Fault
TWL081	369	'43772304_/43772306'	0.63	1.2	3.33	0.82	0.5	1.91	0.86 No	0.5	Element Fault
TWL081	370	'85868086_/72517536'	2.5	3.6	10	2.45	3.8	5.34	2.57 No	2.45	Thermal Discharging
TWL081	371	'5738844_/5738854'	0.87	1.2	3.33	0.82	0.5	1.81	0.86 No	0.5	Element Fault
TWL081	372	'43775243_/5745371'	2.1	3.6	10	2.45	1.7	5.55	2.57 No	1.7	Element Fault
TWL081	373	'7729283_/7729280_2'	0.83	1.2	3.33	0.82	0.4	1.77	0.86 No	0.4	Element Fault
TWL081	374	'8364275_/8994173_1'	0.83	1.2	3.33	0.82	0.3	1.77	0.86 No	0.3	Element Fault
TWL081	375	'8051672_/9308132'	0.87	1.2	3.33	0.82	0.5	1.8	0.86 No	0.5	Element Fault
TWL081	376	'5756384_/7729280_1'	0.83	1.2	3.33	0.82	0.4	1.77	0.86 No	0.4	Element Fault
TWL081	377	'7729299_/8676600'	0.83	1.2	3.33	0.82	0.4	1.77	0.86 No	0.4	Element Fault
TWL081	378	'8148217_/9095883_2'	0.83	1.2	3.33	0.82	0.4	1.76	0.86 No	0.4	Element Fault
TWL081	379	'8051671_/9308080_1'	0.87	1.2	3.33	0.82	0.5	1.78	0.86 No	0.5	Element Fault
TWL081	380	'5756370_/9095883_1'	0.83	1.2	3.33	0.82	0.4	1.76	0.86 No	0.4	Element Fault
TWL081	381	'349675279_/349675165'	1.4	2.27	6.67	1.64	1.07	3.6	1.72 No	1.07	Element Fault
TWL081	382	'39476796_/8428576'	1.7	2.7	10	2.45	5	5.5	2.57 No	1.7	Primary Over-Voltage
TWL081	383	'7482626_/49965156'	1.7	2.7	10	2.45	5	5.5	2.57 No	1.7	Primary Over-Voltage
TWL081	384	'43776066_/43776068'	0.83	1.17	3.33	0.82	0.5	1.79	0.86 No	0.5	Element Fault
TWL081	385	'43776755_/5752097'	0.8	1.17	3.33	0.82	0.5	1.79	0.86 No	0.5	Element Fault
TWL081	386	'5755733_/5758144'	0.83	1.17	3.33	0.82	0.3	1.76	0.86 No	0.3	Element Fault
TWL081	387	'43774820_/43774822'	0.83	1.17	3.33	0.82	0.5	1.78	0.86 No	0.5	Element Fault
TWL081	388	'5738526_/5738536'	0.83	1.17	3.33	0.82	0.5	1.78	0.86 No	0.5	Element Fault
TWL081	389	'8051327_/8994173_2'	0.83	1.17	3.33	0.82	0.3	1.74	0.86 No	0.3	Element Fault
TWL081	390	'5752611_/5758170'	0.8	1.17	3.33	0.82	0.5	1.75	0.86 No	0.5	Element Fault
TWL081	391	'5738974_/5738971'	0.77	1.17	3.33	0.82	0.5	1.75	0.86 No	0.5	Element Fault
TWL081	392	'43772320_/43772317'	0.6	1.17	3.33	0.82	0.5	1.85	0.86 No	0.5	Element Fault
TWL081	393	'5739344_/5739354'	0.7	1.17	3.33	0.82	0.5	1.77	0.86 No	0.5	Element Fault
TWL081	394	'5744609_/5745188'	2.3	3.5	10	2.45	1.8	5.26	2.57 No	1.8	Element Fault
TWL081	395	'7728571_/8051549'	0.6	1.17	3.33	0.82	1.67	1.85	0.86 No	0.6	Primary Over-Voltage
TWL081	396	'5740872_/5742928'	0.73	1.17	3.33	0.82	0.5	1.84	0.86 No	0.5	Element Fault
TWL081	397	'5743807_/5743817'	0.83	1.17	3.33	0.82	0.5	1.76	0.86 No	0.5	Element Fault
TWL081	398	'347969028_/9375612'	1.7	2.7	10	2.45	5	5.4	2.57 No	1.7	Primary Over-Voltage
TWL081	399	'5739304_/5758584'	0.83	1.17	3.33	0.82	0.5	1.76	0.86 No	0.5	Element Fault
TWL081	400	'5743755_/5743765'	0.83	1.17	3.33	0.82	0.5	1.76	0.86 No	0.5	Element Fault
TWL081	401	'5739532_/5739529'	0.7	1.17	3.33	0.82	0.5	1.77	0.86 No	0.5	Element Fault
TWL081	402	'5752686_/5752699'	2.4	3.5	10	2.45	3.8	5.16	2.57 No	2.4	Primary Over-Voltage
TWL081	403	'5752610_/5752608'	0.8	1.17	3.33	0.82	0.5	1.73	0.86 No	0.5	Element Fault
TWL081	404	'7728371_/522799081'	0.83	1.17	3.33	0.82	0.5	1.72	0.86 No	0.5	Element Fault
TWL081	405	'5730370_/5730510'	0.6	1.17	3.33	0.82	0.5	1.83	0.86 No	0.5	Element Fault
TWL081	406	'5739780_/5758843'	0.8	1.17	3.33	0.82	0.4	1.71	0.86 No	0.4	Element Fault
TWL081	407	'5730578_/5730588'	0.6	1.17	3.33	0.82	0.5	1.83	0.86 No	0.5	Element Fault
TWL081	408	'5752299_/5752313'	1.8	3.5	10	2.45	2.5	5.38	2.57 No	1.8	Primary Over-Voltage
TWL081	409	'7412016_/7412013_2'	0.67	1.13	3.33	0.82	0.5	1.76	0.86 No	0.5	Element Fault
TWL081	410	'5756192_/5756190_1'	0.6	1.13	3.33	0.82	0.3	1.82	0.86 No	0.3	Element Fault
TWL081	411	'5737584_/5737581'	0.8	1.13	3.33	0.82	0.5	1.7	0.86 No	0.5	Element Fault
TWL081	412	'5744610_/5744607'	2.3	3.4	10	2.45	1.8	5.16	2.57 No	1.8	Element Fault
TWL081	413	'43774693_/43774695'	0.8	1.13	3.33	0.82	0.5	1.73	0.86 No	0.5	Element Fault
TWL081	414	'7412015_/7412013_1'	0.67	1.13	3.33	0.82	0.3	1.74	0.86 No	0.3	Element Fault
TWL081	415	'8994192_/9620705_1'	0.8	1.13	3.33	0.82	0.3	1.69	0.86 No	0.3	Element Fault
TWL081	416	'5739628_/5756368'	0.8	1.13	3.33	0.82	0.4	1.69	0.86 No	0.4	Element Fault
TWL081	417	'349674864_/349675311'	1.13	1.8	6.67	1.64	1.07	3.47	1.72 No	1.07	Element Fault
TWL081	418	'43775004_/43775006'	0.8	1.13	3.33	0.82	0.4	1.69	0.86 No	0.4	Element Fault
TWL081	419	'349674826_/349675184'	2.1	3.4	10	2.45	1.6	5.18	2.57 No	1.6	Element Fault
TWL081	420	'43774649_/5738523'	0.8	1.13	3.33	0.82	0.5	1.72	0.86 No	0.5	Element Fault
TWL081	421	'8994308_/586864027'	0.67	1.13	3.33	0.82	0.3	1.73	0.86 No	0.3	Element Fault
TWL081	422	'5739158_/5739156'	0.8	1.13	3.33	0.82	0.5	1.72	0.86 No	0.5	Element Fault
TWL081	423	'43772326_/5756190_2'	0.6	1.13	3.33	0.82	0.3	1.79	0.86 No	0.3	Element Fault
TWL081	424	'5755720_/5755730'	0.8	1.13	3.33	0.82	0.3	1.7	0.86 No	0.3	Element Fault
TWL081	425	'5730565_/5730575'	0.6	1.13	3.33	0.82	0.5	1.79	0.86 No	0.5	Element Fault
TWL081	426	'5758063_/5758060'	0.77	1.13	3.33	0.82	0.5	1.69	0.86 No	0.5	Element Fault
TWL081	427	'45076675_/5743895'	0.8	1.13	3.33	0.82	0.5	1.71	0.86 No	0.5	Element Fault
TWL081	428	'5739343_/5739341'	0.67	1.13	3.33	0.82	0.5	1.71	0.86 No	0.5	Element Fault
TWL081	429	'5758079_/5758089'	0.8	1.1	3.33	0.82	0.3	1.69	0.86 No	0.3	Element Fault
TWL081	430	'5752113_/43776757'	0.73	1.1	3.33	0.82	0.5	1.71	0.86 No	0.5	Element Fault
TWL081	431	'5755668_/5755717'	0.77	1.1	3.33	0.82	0.3	1.68	0.86 No	0.3	Element Fault
TWL081	432	'5743806_/5743804'	0.8	1.1	3.33	0.82	0.5	1.7	0.86 No	0.5	Element Fault
TWL081	433	'509670824_/509670780_1'	0.67	1.1	3.33	0.82	0.3	1.7	0.86 No	0.3	Element Fault
TWL081	434	'43774726_/5738984'	0.73	1.1	3.33	0.82	0.5	1.67	0.86 No	0.5	Element Fault

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TWL081	435	'5739545_/_5739542'	0.67	1.1	3.33	0.82	0.5	1.7	0.86 No	0.5	Element Fault
TWL081	436	'43775336_/_5740870'	0.7	1.1	3.33	0.82	0.5	1.76	0.86 No	0.5	Element Fault
TWL081	437	'5730357_/_5730367'	0.57	1.1	3.33	0.82	0.5	1.76	0.86 No	0.5	Element Fault
TWL081	438	'5752685_/_43776887'	2.3	3.3	10	2.45	3.8	4.95	2.57 No	2.3	Primary Over-Voltage
TWL081	439	'43774842_/_5739302'	0.77	1.1	3.33	0.82	0.5	1.68	0.86 No	0.5	Element Fault
TWL081	440	'5743754_/_43776057'	0.77	1.1	3.33	0.82	0.5	1.68	0.86 No	0.5	Element Fault
TWL081	441	'5739781_/_5739778'	0.77	1.1	3.33	0.82	0.4	1.64	0.86 No	0.4	Element Fault
TWL081	442	'5744996_/_5744993'	0.77	1.1	3.33	0.82	0.6	1.66	0.86 No	0.6	Element Fault
TWL081	443	'8051993_/_71143332_1'	2.3	3.3	10	2.45	1.8	4.92	2.57 No	1.8	Element Fault
TWL081	444	'5752282_/_5752296'	1.7	3.3	10	2.45	2.5	5.14	2.57 No	1.7	Primary Over-Voltage
TWL081	445	'5730552_/_5730562'	0.57	1.1	3.33	0.82	0.5	1.74	0.86 No	0.5	Element Fault
TWL081	446	'5738818_/_5738828'	0.77	1.1	3.33	0.82	0.5	1.66	0.86 No	0.5	Element Fault
TWL081	447	'5755616_/_5758076'	0.77	1.1	3.33	0.82	0.3	1.65	0.86 No	0.3	Element Fault
TWL081	448	'5743280_/_43775245'	2	3.3	10	2.45	1.7	5.08	2.57 No	1.7	Element Fault
TWL081	449	'7412048_/_8994419_1'	1.9	3.2	10	2.45	1.1	5.06	2.57 No	1.1	Element Fault
TWL081	450	'43774960_/_5739626'	0.77	1.07	3.33	0.82	0.4	1.62	0.86 No	0.4	Element Fault
TWL081	451	'5752597_/_5752595'	0.77	1.07	3.33	0.82	0.5	1.65	0.86 No	0.5	Element Fault
TWL081	452	'5739742_/_5739752'	0.77	1.07	3.33	0.82	0.4	1.62	0.86 No	0.4	Element Fault
TWL081	453	'509670764_/_509670780_2'	0.63	1.07	3.33	0.82	0.3	1.66	0.86 No	0.3	Element Fault
TWL081	454	'5718217_/_5730354'	0.57	1.07	3.33	0.82	0.5	1.72	0.86 No	0.5	Element Fault
TWL081	455	'43774358_/_5737594'	0.77	1.07	3.33	0.82	0.5	1.62	0.86 No	0.5	Element Fault
TWL081	456	'5730383_/_5730380'	0.57	1.07	3.33	0.82	0.3	1.72	0.86 No	0.3	Element Fault
TWL081	457	'43774648_/_5738510'	0.77	1.07	3.33	0.82	0.5	1.64	0.86 No	0.5	Element Fault
TWL081	458	'8364442_/_8994321'	0.63	1.07	3.33	0.82	0.3	1.65	0.86 No	0.3	Element Fault
TWL081	459	'7728418_/_702272745'	0.63	1.07	3.33	0.82	0.3	1.65	0.86 No	0.3	Element Fault
TWL081	460	'5752074_/_5752123'	0.7	1.07	3.33	0.82	0.5	1.64	0.86 No	0.5	Element Fault
TWL081	461	'5752646_/_5752725'	2.2	3.2	10	2.45	3.8	4.81	2.57 No	2.2	Primary Over-Voltage
TWL081	462	'5755655_/_5755665'	0.77	1.07	3.33	0.82	0.3	1.62	0.86 No	0.3	Element Fault
TWL081	463	'8994422_/_8994419_2'	1.9	3.2	10	2.45	1.1	4.98	2.57 No	1.1	Element Fault
TWL081	464	'43776420_/_5744627'	2.1	3.2	10	2.45	1.8	4.86	2.57 No	1.8	Element Fault
TWL081	465	'5739000_/_5738997'	0.7	1.07	3.33	0.82	0.5	1.6	0.86 No	0.5	Element Fault
TWL081	466	'5744630_/_8132179_1'	2.1	3.2	10	2.45	1.1	4.86	2.57 No	1.1	Element Fault
TWL081	467	'5743281_/_5743278'	0.63	1.07	3.33	0.82	0.57	1.65	0.86 No	0.57	Element Fault
TWL081	468	'5740886_/_5740883'	0.67	1.07	3.33	0.82	0.5	1.69	0.86 No	0.5	Element Fault
TWL081	469	'5740549_/_5752665'	2.2	3.2	10	2.45	3.8	4.77	2.57 No	2.2	Primary Over-Voltage
TWL081	470	'43772293_/_43772295'	0.53	1.07	3.33	0.82	0.5	1.68	0.86 No	0.5	Element Fault
TWL081	471	'5739318_/_5739315'	0.73	1.07	3.33	0.82	0.5	1.62	0.86 No	0.5	Element Fault
TWL081	472	'5752265_/_5752279'	1.6	3.1	10	2.45	2.5	4.96	2.57 No	1.6	Primary Over-Voltage
TWL081	473	'8994573_/_349675203'	0.7	1.03	3.33	0.82	0.53	1.61	0.86 No	0.53	Element Fault
TWL081	474	'5755603_/_5755613'	0.73	1.03	3.33	0.82	0.3	1.59	0.86 No	0.3	Element Fault
TWL081	475	'5752061_/_5752071'	0.7	1.03	3.33	0.82	0.5	1.61	0.86 No	0.5	Element Fault
TWL081	476	'8132182_/_8132179_2'	2.1	3.1	10	2.45	1.1	4.8	2.57 No	1.1	Element Fault
TWL081	477	'5738805_/_5738815'	0.73	1.03	3.33	0.82	0.5	1.6	0.86 No	0.5	Element Fault
TWL081	478	'5752647_/_5752644'	1.47	2.07	6.67	1.64	2.53	3.15	1.72 No	1.47	Primary Over-Voltage
TWL081	479	'5740529_/_5740546'	2.2	3.1	10	2.45	3.7	4.73	2.57 No	2.2	Primary Over-Voltage
TWL081	480	'5718216_/_5718214'	0.53	1.03	3.33	0.82	0.5	1.66	0.86 No	0.5	Element Fault
TWL081	481	'8051973_/_71143332_2'	2.2	3.1	10	2.45	1.8	4.72	2.57 No	1.8	Element Fault
TWL081	482	'43777127_/_5748980'	0.73	1.03	3.33	0.82	0.4	1.57	0.86 No	0.4	Element Fault
TWL081	483	'5755654_/_5755652'	0.73	1.03	3.33	0.82	0.3	1.58	0.86 No	0.3	Element Fault
TWL081	484	'36439345_/_8757666'	2.1	3.1	10	2.45	1.1	4.76	2.57 No	1.1	Element Fault
TWL081	485	'61478428_/_8365298'	0.73	1.03	3.33	0.82	0.3	1.57	0.86 No	0.3	Element Fault
TWL081	486	'8051328_/_8051325'	0.73	1.03	3.33	0.82	0.3	1.57	0.86 No	0.3	Element Fault
TWL081	487	'68997166_/_8051971'	2.2	3.1	10	2.45	1.8	4.68	2.57 No	1.8	Element Fault
TWL081	488	'5739741_/_5739739'	0.73	1.03	3.33	0.82	0.4	1.56	0.86 No	0.4	Element Fault
TWL081	489	'5730396_/_5730393'	0.53	1.03	3.33	0.82	0.3	1.65	0.86 No	0.3	Element Fault
TWL081	490	'5739645_/_5739642'	0.73	1.03	3.33	0.82	0.4	1.56	0.86 No	0.4	Element Fault
TWL081	491	'7411999_/_8364440'	0.6	1.03	3.33	0.82	0.3	1.59	0.86 No	0.3	Element Fault
TWL081	492	'65936183_/_71143411'	2.2	3.1	10	2.45	1.8	4.67	2.57 No	1.8	Element Fault
TWL081	493	'5745012_/_5745009'	0.73	1.03	3.33	0.82	0.6	1.57	0.86 No	0.6	Element Fault
TWL081	494	'155086532_/_349675225'	0.7	1.03	3.33	0.82	0.53	1.58	0.86 No	0.53	Element Fault
TWL081	495	'337772025_/_337772022'	0.63	1.03	3.33	0.82	1.67	1.64	0.86 No	0.63	Primary Over-Voltage
TWL081	496	'68997198_/_71143429'	2.1	3.1	10	2.45	1.8	4.65	2.57 No	1.8	Element Fault
TWL081	497	'50185101_/_5739010'	0.67	1.03	3.33	0.82	0.5	1.55	0.86 No	0.5	Element Fault
TWL081	498	'8365301_/_61478440'	0.73	1.03	3.33	0.82	0.3	1.54	0.86 No	0.3	Element Fault
TWL081	499	'5738792_/_5738802'	0.73	1.03	3.33	0.82	0.5	1.57	0.86 No	0.5	Element Fault
TWL081	500	'5739331_/_5739328'	0.73	1	3.33	0.82	0.5	1.57	0.86 No	0.5	Element Fault
TWL081	501	'5737610_/_5737607'	0.7	1	3.33	0.82	0.5	1.54	0.86 No	0.5	Element Fault
TWL081	502	'43772359_/_5730276'	0.53	1	3.33	0.82	0.5	1.62	0.86 No	0.5	Element Fault
TWL081	503	'5740951_/_5740961'	0.63	1	3.33	0.82	0.5	1.62	0.86 No	0.5	Element Fault
TWL081	504	'8051974_/_68997193'	2.1	3	10	2.45	1.8	4.61	2.57 No	1.8	Element Fault
TWL081	505	'44977564_/_5730536'	0.53	1	3.33	0.82	0.5	1.62	0.86 No	0.5	Element Fault
TWL081	506	'43776766_/_5752165'	0.67	1	3.33	0.82	0.5	1.56	0.86 No	0.5	Element Fault
TWL081	507	'5738779_/_5738789'	0.73	1	3.33	0.82	0.5	1.55	0.86 No	0.5	Element Fault
TWL081	508	'5737623_/_5737620'	0.7	1	3.33	0.82	0.5	1.52	0.86 No	0.5	Element Fault
TWL081	509	'43776825_/_43776827'	1.5	3	10	2.45	2.5	4.76	2.57 No	1.5	Primary Over-Voltage
TWL081	510	'9620708_/_9620705_2'	0.7	1	3.33	0.82	0.3	1.52	0.86 No	0.3	Element Fault
TWL081	511	'43772337_/_43772339'	0.53	1	3.33	0.82	0.5	1.6	0.86 No	0.5	Element Fault
TWL081	512	'5745025_/_5745022'	0.7	1	3.33	0.82	0.6	1.53	0.86 No	0.6	Element Fault
TWL081	513	'5752048_/_5752058'	0.67	1	3.33	0.82	0.5	1.54	0.86 No	0.5	Element Fault
TWL081	514	'5756219_/_5756216_2'	0.53	1	3.33	0.82	0.5	1.59	0.86 No	0.5	Element Fault
TWL081	515	'5730409_/_5730406'	0.53	1	3.33	0.82	0.3	1.59	0.86 No	0.3	Element Fault
TWL081	516	'5740509_/_5740526'	2.1	3	10	2.45	3.7	4.52	2.57 No	2.1	Primary Over-Voltage
TWL081	517	'43778022_/_43778024'	0.7	1	3.33	0.82	0.3	1.51	0.86 No	0.3	Element Fault
TWL081	518	'5748996_/_5748993'	0.7	1	3.33	0.82	0.4	1.5	0.86 No	0.4	Element Fault
TWL081	519	'5730292_/_5730289'	0.53	1	3.33	0.82	0.5	1.58	0.86 No	0.5	Element Fault
TWL081	520	'43777116_/_43777118'	0.7	0.97	3.33	0.82	0.4	1.49	0.86 No	0.4	Element Fault
TWL081	521	'5752138_/_5752178'	0.67	0.97	3.33	0.82	0.5	1.52	0.86 No	0.5	Element Fault
TWL081	522	'5738766_/_5738776'	0.7	0.97	3.33	0.82	0.5	1.51	0.86 No	0.5	Element Fault
TWL081	523	'43774971_/_5739655'	0.7	0.97	3.33	0.82	0.4	1.49	0.86 No	0.4	Element Fault
TWL081	524	'647755213_/_647755154_1'	0.57	0.97	3.33	0.82	0.3	1.52	0.86 No	0.3	Element Fault
TWL081	525	'5739026_/_5739023'	0.63	0.97	3.33	0.82	0.5	1.49	0.86 No	0.5	Element Fault
TWL081	526	'5740938_/_5740948'	0.6	0.97	3.33	0.82	0.5	1.56	0.86 No	0.5	Element Fault
TWL081	527	'5730422_/_5730419'	0.5	0.97	3.33	0.82	0.3	1.56	0.86 No	0.3	Element Fault
TWL081	528	'5752139_/_5752136'	0.63	0.97	3.33	0.82	0.5	1.5	0.86 No	0.5	Element Fault

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TWL081	529	'484540885_/471607475_1'	0.63	0.97	3.33	0.82	0.5	1.5	0.86 No	0.5	Element Fault
TWL081	530	'5752228_/5752245'	1.5	2.9	10	2.45	2.5	4.59	2.57 No	1.5	Primary Over-Voltage
TWL081	531	'5748930_/5748928'	0.67	0.97	3.33	0.82	0.4	1.47	0.86 No	0.4	Element Fault
TWL081	532	'5737636_/5737633'	0.67	0.97	3.33	0.82	0.5	1.46	0.86 No	0.5	Element Fault
TWL081	533	'8051924_/471607475_2'	0.63	0.97	3.33	0.82	0.5	1.49	0.86 No	0.5	Element Fault
TWL081	534	'5752582_/5756216_1'	0.5	0.97	3.33	0.82	0.3	1.53	0.86 No	0.3	Element Fault
TWL081	535	'5730305_/5730302'	0.5	0.97	3.33	0.82	0.5	1.53	0.86 No	0.5	Primary Over-Voltage
TWL081	536	'5744002_/5752045'	0.63	0.97	3.33	0.82	0.5	1.48	0.86 No	0.5	Element Fault
TWL081	537	'5740489_/5740506'	2	2.8	10	2.45	3.7	4.36	2.57 No	2	Primary Over-Voltage
TWL081	538	'7728634_/9308228_2'	0.63	0.93	3.33	0.82	0.5	1.48	0.86 No	0.5	Element Fault
TWL081	539	'5749009_/5749006'	0.67	0.93	3.33	0.82	0.4	1.45	0.86 No	0.4	Element Fault
TWL081	540	'43772348_/5730432'	0.5	0.93	3.33	0.82	0.3	1.52	0.86 No	0.3	Element Fault
TWL081	541	'8051923_/471607486'	0.63	0.93	3.33	0.82	0.5	1.47	0.86 No	0.5	Element Fault
TWL081	542	'5744646_/5752152'	0.63	0.93	3.33	0.82	0.5	1.47	0.86 No	0.5	Element Fault
TWL081	543	'5755589_/5755587'	0.67	0.93	3.33	0.82	0.3	1.45	0.86 No	0.3	Element Fault
TWL081	544	'7729178_/8051937_2'	0.63	0.93	3.33	0.82	0.5	1.46	0.86 No	0.5	Element Fault
TWL081	545	'5738753_/5738763'	0.67	0.93	3.33	0.82	0.5	1.45	0.86 No	0.5	Element Fault
TWL081	546	'9308631_/9308628'	0.6	0.93	3.33	0.82	1.67	1.51	0.86 No	0.6	Primary Over-Voltage
TWL081	547	'5739674_/5739671'	0.67	0.93	3.33	0.82	0.4	1.43	0.86 No	0.4	Element Fault
TWL081	548	'5754180_/5754190'	0.67	0.93	3.33	0.82	0.4	1.43	0.86 No	0.4	Element Fault
TWL081	549	'5752211_/5752225'	1.4	2.8	10	2.45	2.5	4.45	2.57 No	1.4	Primary Over-Voltage
TWL081	550	'5730318_/5730315'	0.5	0.93	3.33	0.82	0.5	1.5	0.86 No	0.5	Primary Over-Voltage
TWL081	551	'43776562_/5751235'	0.67	0.93	3.33	0.82	1.2	1.43	0.86 No	0.67	Primary Over-Voltage
TWL081	552	'43775325_/43775327'	0.6	0.93	3.33	0.82	0.5	1.49	0.86 No	0.5	Element Fault
TWL081	553	'43774737_/5739036'	0.6	0.93	3.33	0.82	0.5	1.43	0.86 No	0.5	Element Fault
TWL081	554	'8052209_/8052207'	0.63	0.93	3.33	0.82	0.3	1.42	0.86 No	0.3	Element Fault
TWL081	555	'5730448_/5730445'	0.5	0.93	3.33	0.82	0.3	1.49	0.86 No	0.3	Element Fault
TWL081	556	'8365169_/9621621_1'	0.63	0.93	3.33	0.82	0.3	1.42	0.86 No	0.3	Element Fault
TWL081	557	'5740468_/5740486'	1.9	2.8	10	2.45	3.7	4.25	2.57 No	1.9	Primary Over-Voltage
TWL081	558	'5744647_/5744644'	0.6	0.93	3.33	0.82	0.5	1.44	0.86 No	0.5	Element Fault
TWL081	559	'9308508_/9621451_2'	0.63	0.93	3.33	0.82	1.23	1.41	0.86 No	0.63	Primary Over-Voltage
TWL081	560	'43776862_/43776864'	0.5	0.9	3.33	0.82	0.3	1.48	0.86 No	0.3	Element Fault
TWL081	561	'5734375_/5745342'	0.63	0.9	3.33	0.82	0.5	1.41	0.86 No	0.5	Element Fault
TWL081	562	'5755694_/5755704'	0.63	0.9	3.33	0.82	0.3	1.42	0.86 No	0.3	Element Fault
TWL081	563	'5731257_/5752208'	1.4	2.7	10	2.45	2.5	4.37	2.57 No	1.4	Primary Over-Voltage
TWL081	564	'7729163_/9308228_1'	0.6	0.9	3.33	0.82	0.5	1.43	0.86 No	0.5	Element Fault
TWL081	565	'7411515_/7411513'	0.57	0.9	3.33	0.82	1.67	1.47	0.86 No	0.57	Primary Over-Voltage
TWL081	566	'5752366_/5752363'	1.4	2.7	10	2.45	2.5	4.37	2.57 No	1.4	Primary Over-Voltage
TWL081	567	'5751238_/43776564'	0.67	0.9	3.33	0.82	1.2	1.4	0.86 No	0.67	Primary Over-Voltage
TWL081	568	'8364058_/8364056'	0.47	0.9	3.33	0.82	1.67	1.47	0.86 No	0.47	Primary Over-Voltage
TWL081	569	'5731464_/8051065_1'	0.57	0.9	3.33	0.82	0.5	1.47	0.86 No	0.5	Element Fault
TWL081	570	'5744001_/5743999'	0.6	0.9	3.33	0.82	0.5	1.42	0.86 No	0.5	Element Fault
TWL081	571	'8994757_/349675247'	0.63	0.9	3.33	0.82	0.53	1.42	0.86 No	0.53	Element Fault
TWL081	572	'43772559_/8051065_2'	0.57	0.9	3.33	0.82	0.5	1.47	0.86 No	0.5	Element Fault
TWL081	573	'5734374_/5734372'	0.63	0.9	3.33	0.82	0.5	1.39	0.86 No	0.5	Element Fault
TWL081	574	'43777138_/5749019'	0.63	0.9	3.33	0.82	0.4	1.39	0.86 No	0.4	Element Fault
TWL081	575	'43774682_/5738750'	0.63	0.9	3.33	0.82	0.5	1.41	0.86 No	0.5	Element Fault
TWL081	576	'5730331_/5730328'	0.47	0.9	3.33	0.82	0.5	1.45	0.86 No	0.47	Primary Over-Voltage
TWL081	577	'7728471_/9621451_1'	0.63	0.9	3.33	0.82	0.6	1.39	0.86 No	0.6	Element Fault
TWL081	578	'7412231_/471607495'	0.6	0.9	3.33	0.82	0.5	1.41	0.86 No	0.5	Element Fault
TWL081	579	'349675293_/349675330'	0.57	0.9	3.33	0.82	0.53	1.41	0.86 No	0.53	Element Fault
TWL081	580	'5754167_/5754177'	0.63	0.9	3.33	0.82	0.4	1.38	0.86 No	0.4	Element Fault
TWL081	581	'5755564_/57555691'	0.63	0.9	3.33	0.82	0.3	1.39	0.86 No	0.3	Element Fault
TWL081	582	'5740912_/5740922'	0.57	0.9	3.33	0.82	0.5	1.44	0.86 No	0.5	Element Fault
TWL081	583	'43774982_/5739684'	0.63	0.9	3.33	0.82	0.4	1.38	0.86 No	0.4	Element Fault
TWL081	584	'43776110_/5744657'	0.6	0.9	3.33	0.82	0.5	1.4	0.86 No	0.5	Element Fault
TWL081	585	'5730461_/5730458'	0.47	0.9	3.33	0.82	0.3	1.44	0.86 No	0.3	Element Fault
TWL081	586	'7414740_/8051937_1'	0.6	0.9	3.33	0.82	0.5	1.4	0.86 No	0.5	Element Fault
TWL081	587	'5752332_/5752330'	1.4	2.7	10	2.45	2.5	4.28	2.57 No	1.4	Primary Over-Voltage
TWL081	588	'5734349_/5734359'	0.63	0.9	3.33	0.82	0.5	1.37	0.86 No	0.5	Element Fault
TWL081	589	'5740453_/5740465'	1.27	1.8	6.67	1.64	2.47	2.75	1.72 No	1.27	Primary Over-Voltage
TWL081	590	'5739052_/5739049'	0.6	0.9	3.33	0.82	0.5	1.37	0.86 No	0.5	Element Fault
TWL081	591	'489392287_/488925069_2'	0.63	0.9	3.33	0.82	1.23	1.37	0.86 No	0.63	Primary Over-Voltage
TWL081	592	'5718204_/5752566'	0.47	0.87	3.33	0.82	0.3	1.43	0.86 No	0.3	Element Fault
TWL081	593	'5731451_/5731461'	0.57	0.87	3.33	0.82	0.5	1.43	0.86 No	0.5	Element Fault
TWL081	594	'5731256_/5731254'	1.3	2.6	10	2.45	2.5	4.24	2.57 No	1.3	Primary Over-Voltage
TWL081	595	'5734388_/5734385'	0.6	0.87	3.33	0.82	0.5	1.35	0.86 No	0.5	Element Fault
TWL081	596	'484540873_/471607557_1'	0.53	0.83	3.33	0.82	0.5	1.38	0.86 No	0.5	Element Fault
TWL081	597	'488925047_/488925069_1'	0.63	0.87	3.33	0.82	0.5	1.36	0.86 No	0.5	Element Fault
TWL081	598	'43778011_/5755574'	0.63	0.87	3.33	0.82	0.3	1.36	0.86 No	0.3	Element Fault
TWL081	599	'7414739_/7414737'	0.6	0.87	3.33	0.82	0.5	1.37	0.86 No	0.5	Element Fault
TWL081	600	'5755563_/5755561'	0.63	0.87	3.33	0.82	0.3	1.36	0.86 No	0.3	Element Fault
TWL081	601	'5748957_/5754164'	0.63	0.87	3.33	0.82	0.4	1.35	0.86 No	0.4	Element Fault
TWL081	602	'5730344_/5730341'	0.47	0.87	3.33	0.82	0.5	1.41	0.86 No	0.47	Primary Over-Voltage
TWL081	603	'5730474_/5730471'	0.47	0.87	3.33	0.82	0.3	1.4	0.86 No	0.3	Element Fault
TWL081	604	'7729162_/7729160'	0.57	0.87	3.33	0.82	0.5	1.36	0.86 No	0.5	Element Fault
TWL081	605	'5749035_/5749032'	0.6	0.87	3.33	0.82	0.4	1.34	0.86 No	0.4	Element Fault
TWL081	606	'7728470_/7728468'	0.63	0.87	3.33	0.82	0.6	1.35	0.86 No	0.6	Element Fault
TWL081	607	'5738727_/5738737'	0.6	0.87	3.33	0.82	0.5	1.35	0.86 No	0.5	Element Fault
TWL081	608	'5744673_/43776112'	0.57	0.87	3.33	0.82	0.5	1.36	0.86 No	0.5	Element Fault
TWL081	609	'5740899_/5740909'	0.53	0.87	3.33	0.82	0.5	1.39	0.86 No	0.5	Element Fault
TWL081	610	'5759120_/43776814'	1.4	2.6	10	2.45	2.5	4.15	2.57 No	1.4	Primary Over-Voltage
TWL081	611	'8365152_/8365150'	0.57	0.87	3.33	0.82	0.5	1.35	0.86 No	0.5	Element Fault
TWL081	612	'8364793_/432638370'	0.6	0.87	3.33	0.82	0.53	1.35	0.86 No	0.53	Element Fault
TWL081	613	'5739703_/5739700'	0.6	0.87	3.33	0.82	0.4	1.33	0.86 No	0.4	Element Fault
TWL081	614	'5734336_/5734346'	0.6	0.87	3.33	0.82	0.5	1.33	0.86 No	0.5	Element Fault
TWL081	615	'5755577_/43778013'	0.6	0.87	3.33	0.82	0.3	1.34	0.86 No	0.3	Element Fault
TWL081	616	'9308527_/9308540'	0.63	0.87	3.33	0.82	0.5	1.33	0.86 No	0.5	Element Fault
TWL081	617	'7482627_/7482624'	0.53	0.87	3.33	0.82	1.67	1.39	0.86 No	0.53	Primary Over-Voltage
TWL081	618	'5731479_/8051049_2'	0.53	0.87	3.33	0.82	1.67	1.39	0.86 No	0.53	Primary Over-Voltage
TWL081	619	'8676004_/349675345'	0.6	0.87	3.33	0.82	0.53	1.35	0.86 No	0.53	Element Fault
TWL081	620	'5739065_/5739062'	0.57	0.87	3.33	0.82	0.5	1.33	0.86 No	0.5	Element Fault
TWL081	621	'5718191_/5718201'	0.47	0.87	3.33	0.82	0.3	1.38	0.86 No	0.3	Element Fault
TWL081	622	'5737648_/5737698'	0.6	0.87	3.33	0.82	0.5	1.32	0.86 No	0.5	Element Fault

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TWL081	623	'43772570_/_8051049_1'		0.53	0.87	3.33	0.82	0.5	1.38	0.86 No	0.5 Element Fault
TWL081	624	'5730487_/_5730484'		0.43	0.83	3.33	0.82	0.3	1.38	0.86 No	0.3 Element Fault
TWL081	625	'43777710_/_5757975'		1.3	2.5	10	2.45	2.5	4.1	2.57 No	1.3 Primary Over-Voltage
TWL081	626	'43777105_/_5748954'		0.6	0.83	3.33	0.82	0.4	1.31	0.86 No	0.4 Element Fault
TWL081	627	'5740452_/_5740450'		1.2	1.67	6.67	1.64	2.47	2.63	1.72 No	1.2 Primary Over-Voltage
TWL081	628	'5740753_/_5740896'		0.53	0.83	3.33	0.82	0.5	1.37	0.86 No	0.5 Element Fault
TWL081	629	'5734323_/_5734333'		0.6	0.83	3.33	0.82	0.5	1.31	0.86 No	0.5 Element Fault
TWL081	630	'8051656_/_8051653'		0.57	0.83	3.33	0.82	0.5	1.33	0.86 No	0.5 Element Fault
TWL081	631	'43772548_/_43772550'		0.53	0.83	3.33	0.82	0.5	1.37	0.86 No	0.5 Element Fault
TWL081	632	'5744686_/_5744683'		0.57	0.83	3.33	0.82	0.5	1.33	0.86 No	0.5 Element Fault
TWL081	633	'7412032_/_9308524'		0.63	0.83	3.33	0.82	0.5	1.31	0.86 No	0.5 Element Fault
TWL081	634	'489392179_/_489392115_1'		0.6	0.83	3.33	0.82	0.5	1.31	0.86 No	0.5 Element Fault
TWL081	635	'5755995_/_5755993'		0.6	0.83	3.33	0.82	0.3	1.32	0.86 No	0.3 Element Fault
TWL081	636	'7415070_/_9621605'		0.57	0.83	3.33	0.82	0.5	1.33	0.86 No	0.5 Element Fault
TWL081	637	'7729076_/_7729074_1'		0.6	0.83	3.33	0.82	0.5	1.31	0.86 No	0.5 Element Fault
TWL081	638	'5737649_/_5737646'		0.6	0.83	3.33	0.82	0.5	1.3	0.86 No	0.5 Element Fault
TWL081	639	'5752474_/_5759117'		1.3	2.5	10	2.45	2.5	4.05	2.57 No	1.3 Primary Over-Voltage
TWL081	640	'5749191_/_5749188'		0.6	0.83	3.33	0.82	0.4	1.3	0.86 No	0.4 Element Fault
TWL081	641	'5738714_/_5738724'		0.6	0.83	3.33	0.82	0.5	1.31	0.86 No	0.5 Element Fault
TWL081	642	'7415069_/_7415067'		0.57	0.83	3.33	0.82	0.5	1.31	0.86 No	0.5 Element Fault
TWL081	643	'43772582_/_43772572'		0.53	0.83	3.33	0.82	0.5	1.35	0.86 No	0.5 Element Fault
TWL081	644	'5755200_/_5755197'		0.6	0.83	3.33	0.82	0.4	1.29	0.86 No	0.4 Element Fault
TWL081	645	'43777104_/_5748967'		0.6	0.83	3.33	0.82	0.4	1.29	0.86 No	0.4 Element Fault
TWL081	646	'7729077_/_7729074_2'		0.6	0.83	3.33	0.82	0.5	1.29	0.86 No	0.5 Element Fault
TWL081	647	'5730500_/_5730497'		0.43	0.83	3.33	0.82	0.3	1.34	0.86 No	0.3 Element Fault
TWL081	648	'5734310_/_5734320'		0.57	0.83	3.33	0.82	0.5	1.28	0.86 No	0.5 Element Fault
TWL081	649	'8676043_/_9308244'		0.53	0.83	3.33	0.82	0.5	1.3	0.86 No	0.5 Element Fault
TWL081	650	'5740740_/_5740750'		0.53	0.83	3.33	0.82	0.5	1.33	0.86 No	0.5 Element Fault
TWL081	651	'5756021_/_5756032'		0.57	0.83	3.33	0.82	0.3	1.29	0.86 No	0.3 Element Fault
TWL081	652	'43772282_/_43772284'		0.43	0.83	3.33	0.82	0.3	1.33	0.86 No	0.3 Element Fault
TWL081	653	'7728454_/_8364472'		0.63	0.83	3.33	0.82	0.6	1.28	0.86 No	0.6 Element Fault
TWL081	654	'5757746_/_5757955'		1.2	2.4	10	2.45	2.5	3.96	2.57 No	1.2 Primary Over-Voltage
TWL081	655	'44879981_/_5731435'		0.5	0.8	3.33	0.82	0.5	1.33	0.86 No	0.5 Primary Over-Voltage
TWL081	656	'7412247_/_349674917'		0.5	0.8	3.33	0.82	0.53	1.29	0.86 No	0.5 Primary Over-Voltage
TWL081	657	'7729092_/_7729090'		0.6	0.8	3.33	0.82	0.5	1.27	0.86 No	0.5 Element Fault
TWL081	658	'43774748_/_5739075'		0.53	0.8	3.33	0.82	0.5	1.27	0.86 No	0.5 Element Fault
TWL081	659	'8364792_/_432638345'		0.57	0.8	3.33	0.82	0.53	1.29	0.86 No	0.53 Element Fault
TWL081	660	'5752451_/_5752471'		1.3	2.4	10	2.45	2.5	3.93	2.57 No	1.3 Primary Over-Voltage
TWL081	661	'43774369_/_5737659'		0.57	0.8	3.33	0.82	0.5	1.26	0.86 No	0.5 Element Fault
TWL081	662	'5749216_/_5749201'		0.57	0.8	3.33	0.82	0.4	1.26	0.86 No	0.4 Element Fault
TWL081	663	'5749258_/_5755210'		0.57	0.8	3.33	0.82	0.4	1.26	0.86 No	0.4 Element Fault
TWL081	664	'5731496_/_5731493'		0.5	0.8	3.33	0.82	0.5	1.31	0.86 No	0.5 Primary Over-Voltage
TWL081	665	'7412031_/_7412029'		0.6	0.8	3.33	0.82	0.5	1.26	0.86 No	0.5 Element Fault
TWL081	666	'7412200_/_8364644'		0.53	0.8	3.33	0.82	0.5	1.27	0.86 No	0.5 Element Fault
TWL081	667	'8676808_/_489392115_2'		0.57	0.8	3.33	0.82	0.5	1.25	0.86 No	0.5 Element Fault
TWL081	668	'5749233_/_5749230'		0.57	0.8	3.33	0.82	0.4	1.24	0.86 No	0.4 Element Fault
TWL081	669	'5757729_/_5757743'		1.2	2.4	10	2.45	2.5	3.86	2.57 No	1.2 Primary Over-Voltage
TWL081	670	'5749047_/_5749214'		0.57	0.8	3.33	0.82	0.4	1.24	0.86 No	0.4 Element Fault
TWL081	671	'43778000_/_5756019'		0.57	0.8	3.33	0.82	0.3	1.25	0.86 No	0.3 Element Fault
TWL081	672	'5749259_/_5749256'		0.57	0.8	3.33	0.82	0.4	1.24	0.86 No	0.4 Element Fault
TWL081	673	'43772271_/_5718188'		0.43	0.8	3.33	0.82	0.3	1.29	0.86 No	0.3 Element Fault
TWL081	674	'7728865_/_8676370'		0.53	0.8	3.33	0.82	0.5	1.25	0.86 No	0.5 Element Fault
TWL081	675	'7412199_/_7412197'		0.53	0.8	3.33	0.82	0.5	1.25	0.86 No	0.5 Element Fault
TWL081	676	'5737675_/_5737672'		0.57	0.8	3.33	0.82	0.5	1.23	0.86 No	0.5 Element Fault
TWL081	677	'5740727_/_5740737'		0.5	0.8	3.33	0.82	0.5	1.28	0.86 No	0.5 Primary Over-Voltage
TWL081	678	'43773398_/_43773400'		0.57	0.8	3.33	0.82	0.5	1.23	0.86 No	0.5 Element Fault
TWL081	679	'7728503_/_8051445'		0.6	0.8	3.33	0.82	0.6	1.24	0.86 No	0.6 Primary Over-Voltage
TWL081	680	'43776838_/_43776840'		1.2	2.3	10	2.45	2.5	3.81	2.57 No	1.2 Primary Over-Voltage
TWL081	681	'43776851_/_5752347'		0.5	0.77	3.33	0.82	0.5	1.28	0.86 No	0.5 Primary Over-Voltage
TWL081	682	'510908326_/_510908348'		0.53	0.77	3.33	0.82	0.5	1.24	0.86 No	0.5 Element Fault
TWL081	683	'5737688_/_5737685'		0.53	0.77	3.33	0.82	0.5	1.22	0.86 No	0.5 Element Fault
TWL081	684	'5739091_/_5739088'		0.5	0.77	3.33	0.82	0.5	1.22	0.86 No	0.5 Primary Over-Voltage
TWL081	685	'5752536_/_5752546'		1.2	2.3	10	2.45	2.5	3.77	2.57 No	1.2 Primary Over-Voltage
TWL081	686	'5740847_/_5740857'		0.5	0.77	3.33	0.82	0.5	1.26	0.86 No	0.5 Primary Over-Voltage
TWL081	687	'5749048_/_5749045'		0.53	0.77	3.33	0.82	0.4	1.21	0.86 No	0.4 Element Fault
TWL081	688	'8994526_/_349674894'		0.57	0.77	3.33	0.82	0.53	1.23	0.86 No	0.53 Element Fault
TWL081	689	'8051891_/_8051889'		0.57	0.77	3.33	0.82	0.5	1.21	0.86 No	0.5 Element Fault
TWL081	690	'5757712_/_5757726'		1.2	2.3	10	2.45	2.5	3.75	2.57 No	1.2 Primary Over-Voltage
TWL081	691	'7728455_/_7728452'		0.6	0.77	3.33	0.82	0.6	1.21	0.86 No	0.6 Primary Over-Voltage
TWL081	692	'5740714_/_5740724'		0.5	0.77	3.33	0.82	0.5	1.25	0.86 No	0.5 Primary Over-Voltage
TWL081	693	'5718152_/_5718162'		0.4	0.77	3.33	0.82	0.3	1.25	0.86 No	0.3 Element Fault
TWL081	694	'8994356_/_8994369'		0.6	0.77	3.33	0.82	0.6	1.2	0.86 No	0.6 Primary Over-Voltage
TWL081	695	'43778005_/_43778002'		0.53	0.77	3.33	0.82	0.3	1.2	0.86 No	0.3 Element Fault
TWL081	696	'5739104_/_5739101'		0.5	0.77	3.33	0.82	0.5	1.2	0.86 No	0.5 Primary Over-Voltage
TWL081	697	'5752350_/_43776853'		0.47	0.77	3.33	0.82	0.5	1.24	0.86 No	0.47 Primary Over-Voltage
TWL081	698	'7728519_/_9620953'		0.57	0.77	3.33	0.82	0.5	1.2	0.86 No	0.5 Element Fault
TWL081	699	'5749061_/_5749058'		0.53	0.77	3.33	0.82	0.4	1.19	0.86 No	0.4 Element Fault
TWL081	700	'9308183_/_349674928'		0.53	0.77	3.33	0.82	0.53	1.21	0.86 No	0.53 Primary Over-Voltage
TWL081	701	'45175554_/_5734294'		0.53	0.77	3.33	0.82	0.5	1.19	0.86 No	0.5 Element Fault
TWL081	702	'7728848_/_9308064'		0.5	0.77	3.33	0.82	0.5	1.2	0.86 No	0.5 Primary Over-Voltage
TWL081	703	'7729251_/_9621553'		0.57	0.77	3.33	0.82	0.5	1.18	0.86 No	0.5 Element Fault
TWL081	704	'5740834_/_5740844'		0.47	0.77	3.33	0.82	0.5	1.22	0.86 No	0.47 Primary Over-Voltage
TWL081	705	'7728849_/_7728862_1'		0.5	0.73	3.33	0.82	0.5	1.19	0.86 No	0.5 Primary Over-Voltage
TWL081	706	'489392239_/_489392124'		0.53	0.73	3.33	0.82	0.5	1.18	0.86 No	0.5 Element Fault
TWL081	707	'43777642_/_43777644'		1.1	2.2	10	2.45	2.5	3.63	2.57 No	1.1 Primary Over-Voltage
TWL081	708	'9308199_/_349674905'		0.53	0.73	3.33	0.82	0.53	1.19	0.86 No	0.53 Primary Over-Voltage
TWL081	709	'7728486_/_7728500'		0.57	0.73	3.33	0.82	0.6	1.17	0.86 No	0.57 Primary Over-Voltage
TWL081	710	'5718126_/_5718149'		0.4	0.73	3.33	0.82	0.3	1.21	0.86 No	0.3 Element Fault
TWL081	711	'5739117_/_5739114'		0.5	0.73	3.33	0.82	0.5	1.17	0.86 No	0.5 Primary Over-Voltage
TWL081	712	'9307965_/_9307962'		0.57	0.73	3.33	0.82	0.6	1.17	0.86 No	0.57 Primary Over-Voltage
TWL081	713	'5740701_/_5740711'		0.47	0.73	3.33	0.82	0.5	1.2	0.86 No	0.47 Primary Over-Voltage
TWL081	714	'43774759_/_5739127'		0.47	0.73	3.33	0.82	0.5	1.15	0.86 No	0.47 Primary Over-Voltage
TWL081	715	'43775303_/_5740831'		0.47	0.73	3.33	0.82	0.5	1.19	0.86 No	0.47 Primary Over-Voltage
TWL081	716	'8364663_/_432638691'		0.47	0.73	3.33	0.82	0.53	1.16	0.86 No	0.47 Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TWL081	717	'5757675_/_5757692'	1.1	2.2	10	2.45	2.5	3.53	2.57 No	1.1	Primary Over-Voltage
TWL081	718	'416538919_/_5759671_1'	0.4	0.73	3.33	0.82	0.5	1.18	0.86 No	0.4	Primary Over-Voltage
TWL081	719	'5718125_/_5718123'	0.4	0.73	3.33	0.82	0.3	1.18	0.86 No	0.3	Element Fault
TWL081	720	'8365252_/_489392259'	0.5	0.73	3.33	0.82	0.5	1.14	0.86 No	0.5	Primary Over-Voltage
TWL081	721	'5740688_/_5740698'	0.47	0.73	3.33	0.82	0.5	1.18	0.86 No	0.47	Primary Over-Voltage
TWL081	722	'5759644_/_5759671_2'	0.4	0.73	3.33	0.82	0.5	1.17	0.86 No	0.4	Primary Over-Voltage
TWL081	723	'8994340_/_8994353'	0.57	0.7	3.33	0.82	0.6	1.13	0.86 No	0.57	Primary Over-Voltage
TWL081	724	'5759645_/_5759642'	0.4	0.7	3.33	0.82	0.5	1.16	0.86 No	0.4	Primary Over-Voltage
TWL081	725	'5757674_/_5757672'	1.1	2.1	10	2.45	2.5	3.46	2.57 No	1.1	Primary Over-Voltage
TWL081	726	'7728314_/_7729248'	0.53	0.7	3.33	0.82	0.5	1.12	0.86 No	0.5	Element Fault
TWL081	727	'5751468_/_5751507'	0.43	0.7	3.33	0.82	0.5	1.15	0.86 No	0.43	Primary Over-Voltage
TWL081	728	'43776733_/_5751993'	0.37	0.7	3.33	0.82	0.3	1.15	0.86 No	0.3	Element Fault
TWL081	729	'5740805_/_5740818'	0.43	0.7	3.33	0.82	0.5	1.15	0.86 No	0.43	Primary Over-Voltage
TWL081	730	'7728487_/_7728484'	0.53	0.7	3.33	0.82	0.6	1.12	0.86 No	0.53	Primary Over-Voltage
TWL081	731	'7728315_/_7728516_1'	0.53	0.7	3.33	0.82	0.5	1.11	0.86 No	0.5	Element Fault
TWL081	732	'5739146_/_5739143'	0.47	0.7	3.33	0.82	0.5	1.11	0.86 No	0.47	Primary Over-Voltage
TWL081	733	'5759230_/_5759228'	1.1	2.1	10	2.45	2.5	3.44	2.57 No	1.1	Primary Over-Voltage
TWL081	734	'8994541_/_9621091'	0.5	0.7	3.33	0.82	0.53	1.12	0.86 No	0.5	Primary Over-Voltage
TWL081	735	'5740675_/_5740685'	0.43	0.7	3.33	0.82	0.5	1.14	0.86 No	0.43	Primary Over-Voltage
TWL081	736	'5759345_/_5759343'	1.1	2.1	10	2.45	2.5	3.4	2.57 No	1.1	Primary Over-Voltage
TWL081	737	'9096120_/_9096137_1'	1.1	2.1	10	2.45	1.5	3.39	2.57 No	1.1	Primary Over-Voltage
TWL081	738	'5751996_/_43776735'	0.37	0.7	3.33	0.82	0.3	1.12	0.86 No	0.3	Element Fault
TWL081	739	'43778133_/_5759658'	0.4	0.7	3.33	0.82	0.5	1.12	0.86 No	0.4	Primary Over-Voltage
TWL081	740	'5740792_/_5740802'	0.43	0.7	3.33	0.82	0.5	1.12	0.86 No	0.43	Primary Over-Voltage
TWL081	741	'7728651_/_395838772'	0.43	0.67	3.33	0.82	0.53	1.1	0.86 No	0.43	Primary Over-Voltage
TWL081	742	'5739716_/_5739713'	0.43	0.67	3.33	0.82	0.5	1.08	0.86 No	0.43	Primary Over-Voltage
TWL081	743	'453433443_/_453433422_1'	0.5	0.67	3.33	0.82	0.6	1.08	0.86 No	0.5	Primary Over-Voltage
TWL081	744	'5759326_/_5759323'	1	2	10	2.45	2.5	3.33	2.57 No	1	Primary Over-Voltage
TWL081	745	'49251065_/_5759762_1'	1	2	10	2.45	2.5	3.33	2.57 No	1	Primary Over-Voltage
TWL081	746	'583453122_/_5759762_2'	1	2	10	2.45	1.6	3.32	2.57 No	1	Primary Over-Voltage
TWL081	747	'5752022_/_5752019'	0.37	0.67	3.33	0.82	0.3	1.1	0.86 No	0.3	Element Fault
TWL081	748	'8051432_/_9620937'	0.53	0.67	3.33	0.82	0.6	1.06	0.86 No	0.53	Primary Over-Voltage
TWL081	749	'5740779_/_5740789'	0.43	0.67	3.33	0.82	0.5	1.09	0.86 No	0.43	Primary Over-Voltage
TWL081	750	'43774993_/_5739726'	0.43	0.67	3.33	0.82	0.5	1.06	0.86 No	0.43	Primary Over-Voltage
TWL081	751	'5758500_/_43778135'	0.37	0.67	3.33	0.82	0.5	1.09	0.86 No	0.37	Primary Over-Voltage
TWL081	752	'43772234_/_5759762_3'	1	2	10	2.45	1.6	3.25	2.57 No	1	Primary Over-Voltage
TWL081	753	'43775292_/_5740672'	0.43	0.67	3.33	0.82	0.5	1.08	0.86 No	0.43	Primary Over-Voltage
TWL081	754	'43772164_/_5752032'	0.37	0.67	3.33	0.82	0.3	1.08	0.86 No	0.3	Element Fault
TWL081	755	'5751467_/_5751465'	0.43	0.67	3.33	0.82	0.5	1.08	0.86 No	0.43	Primary Over-Voltage
TWL081	756	'7728650_/_395838743'	0.4	0.67	3.33	0.82	0.53	1.06	0.86 No	0.4	Primary Over-Voltage
TWL081	757	'8051431_/_8051429'	0.5	0.67	3.33	0.82	0.6	1.04	0.86 No	0.5	Primary Over-Voltage
TWL081	758	'43775314_/_5740776'	0.4	0.63	3.33	0.82	0.5	1.06	0.86 No	0.4	Primary Over-Voltage
TWL081	759	'8052292_/_9096137_2'	1	1.9	10	2.45	1.5	3.19	2.57 No	1	Primary Over-Voltage
TWL081	760	'43777183_/_43774995'	0.43	0.63	3.33	0.82	0.5	1.03	0.86 No	0.43	Primary Over-Voltage
TWL081	761	'5751481_/_5751478'	0.4	0.63	3.33	0.82	0.5	1.06	0.86 No	0.4	Primary Over-Voltage
TWL081	762	'5752522_/_5758498'	0.37	0.63	3.33	0.82	0.5	1.05	0.86 No	0.37	Primary Over-Voltage
TWL081	763	'5730202_/_43772166'	0.33	0.63	3.33	0.82	0.3	1.05	0.86 No	0.3	Element Fault
TWL081	764	'5730228_/_5730225'	1	1.9	10	2.45	1.6	3.16	2.57 No	1	Primary Over-Voltage
TWL081	765	'8052291_/_8052289'	1	1.9	10	2.45	1.5	3.16	2.57 No	1	Primary Over-Voltage
TWL081	766	'5730201_/_5730199'	0.33	0.63	3.33	0.82	0.3	1.04	0.86 No	0.3	Element Fault
TWL081	767	'43776801_/_43776803'	0.33	0.63	3.33	0.82	0.83	1.04	0.86 No	0.33	Primary Over-Voltage
TWL081	768	'43775313_/_5740763'	0.4	0.63	3.33	0.82	0.5	1.04	0.86 No	0.4	Primary Over-Voltage
TWL081	769	'5752506_/_5752520'	0.37	0.63	3.33	0.82	0.5	1.04	0.86 No	0.37	Primary Over-Voltage
TWL081	770	'5730098_/_5730095'	0.33	0.63	3.33	0.82	0.3	1.03	0.86 No	0.3	Element Fault
TWL081	771	'7729460_/_9621637'	1	1.9	10	2.45	1.5	3.1	2.57 No	1	Primary Over-Voltage
TWL081	772	'5740646_/_5740659'	0.4	0.63	3.33	0.82	0.5	1.03	0.86 No	0.4	Primary Over-Voltage
TWL081	773	'5730245_/_5730242'	0.9	1.9	10	2.45	1.6	3.08	2.57 No	0.9	Primary Over-Voltage
TWL081	774	'5742960_/_5751520'	0.4	0.63	3.33	0.82	0.5	1.03	0.86 No	0.4	Primary Over-Voltage
TWL081	775	'141819680_/_141819682'	0.33	0.63	3.33	0.82	0.3	1.02	0.86 No	0.3	Element Fault
TWL081	776	'5730111_/_5730108'	0.33	0.63	3.33	0.82	0.3	1.02	0.86 No	0.3	Element Fault
TWL081	777	'5752425_/_5752435'	0.33	0.6	3.33	0.82	0.83	1.02	0.86 No	0.33	Primary Over-Voltage
TWL081	778	'7729461_/_7729458'	1	1.8	10	2.45	1.5	3.03	2.57 No	1	Primary Over-Voltage
TWL081	779	'43772537_/_5752504'	0.33	0.6	3.33	0.82	0.5	1.01	0.86 No	0.33	Primary Over-Voltage
TWL081	780	'43775269_/_5751494'	0.4	0.6	3.33	0.82	0.5	1.01	0.86 No	0.4	Primary Over-Voltage
TWL081	781	'5740633_/_5740643'	0.4	0.6	3.33	0.82	0.5	1.01	0.86 No	0.4	Primary Over-Voltage
TWL081	782	'7729581_/_489392133'	0.43	0.6	3.33	0.82	0.5	0.97	0.86 No	0.43	Primary Over-Voltage
TWL081	783	'43772221_/_5730259'	0.9	1.8	10	2.45	1.6	3	2.57 No	0.9	Primary Over-Voltage
TWL081	784	'5742944_/_5742957'	0.4	0.6	3.33	0.82	0.5	1	0.86 No	0.4	Primary Over-Voltage
TWL081	785	'43772175_/_5730121'	0.33	0.6	3.33	0.82	0.3	0.99	0.86 No	0.3	Element Fault
TWL081	786	'5752412_/_5752422'	0.3	0.6	3.33	0.82	0.83	0.99	0.86 No	0.3	Primary Over-Voltage
TWL081	787	'5743264_/_5743262'	0.37	0.6	3.33	0.82	0.5	0.99	0.86 No	0.37	Primary Over-Voltage
TWL081	788	'5740620_/_5740630'	0.37	0.6	3.33	0.82	0.5	0.99	0.86 No	0.37	Primary Over-Voltage
TWL081	789	'43772542_/_43772539'	0.33	0.6	3.33	0.82	0.5	0.98	0.86 No	0.33	Primary Over-Voltage
TWL081	790	'522987817_/_522987734_2'	0.37	0.6	3.33	0.82	0.5	0.98	0.86 No	0.37	Primary Over-Voltage
TWL081	791	'5717959_/_43772223'	0.9	1.8	10	2.45	1.6	2.91	2.57 No	0.9	Primary Over-Voltage
TWL081	792	'5752396_/_5752409'	0.3	0.6	3.33	0.82	0.83	0.97	0.86 No	0.3	Primary Over-Voltage
TWL081	793	'5740619_/_5740617'	0.37	0.6	3.33	0.82	0.5	0.97	0.86 No	0.37	Primary Over-Voltage
TWL081	794	'5731733_/_43772177'	0.33	0.57	3.33	0.82	0.3	0.96	0.86 No	0.3	Element Fault
TWL081	795	'5742943_/_5742941'	0.37	0.57	3.33	0.82	0.5	0.96	0.86 No	0.37	Primary Over-Voltage
TWL081	796	'5717960_/_5717957'	0.9	1.7	10	2.45	1.6	2.87	2.57 No	0.9	Primary Over-Voltage
TWL081	797	'43775281_/_43775271'	0.37	0.57	3.33	0.82	0.5	0.95	0.86 No	0.37	Primary Over-Voltage
TWL081	798	'7412147_/_522987734_1'	0.37	0.57	3.33	0.82	0.1	0.95	0.86 No	0.1	Element Fault
TWL081	799	'5758199_/_5758196'	0.3	0.57	3.33	0.82	0.3	0.94	0.86 No	0.3	Primary Over-Voltage
TWL081	800	'43776790_/_43776792'	0.3	0.57	3.33	0.82	0.83	0.94	0.86 No	0.3	Primary Over-Voltage
TWL081	801	'111418161_/_5717974'	0.8	1.7	10	2.45	1.6	2.82	2.57 No	0.8	Primary Over-Voltage
TWL081	802	'49251074_/_8365118_2'	0.33	0.57	3.33	0.82	0.83	0.93	0.86 No	0.33	Primary Over-Voltage
TWL081	803	'5717994_/_5717991'	0.8	1.7	10	2.45	1.6	2.8	2.57 No	0.8	Primary Over-Voltage
TWL081	804	'8675868_/_525972859'	0.37	0.57	3.33	0.82	0.1	0.93	0.86 No	0.1	Element Fault
TWL081	805	'43777780_/_5758209'	0.3	0.57	3.33	0.82	0.3	0.92	0.86 No	0.3	Primary Over-Voltage
TWL081	806	'44977856_/_5752380'	0.3	0.57	3.33	0.82	0.83	0.92	0.86 No	0.3	Primary Over-Voltage
TWL081	807	'43772208_/_5718008'	0.8	1.6	10	2.45	1.6	2.74	2.57 No	0.8	Primary Over-Voltage
TWL081	808	'5758224_/_43777782'	0.3	0.53	3.33	0.82	0.3	0.9	0.86 No	0.3	Primary Over-Voltage
TWL081	809	'5740607_/_43775283'	0.33	0.53	3.33	0.82	0.2	0.91	0.86 No	0.2	Element Fault
TWL081	810	'5718027_/_43772210'	0.8	1.6	10	2.45	1.6	2.7	2.57 No	0.8	Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TWL081	811	'736757942_/8051533'	0.33	0.53	3.33	0.82	0.2	0.9	0.86 No	0.2	Element Fault
TWL081	812	'572702668_/525972868'	0.33	0.53	3.33	0.82	0.2	0.89	0.86 No	0.2	Element Fault
TWL081	813	'578366500_/578366426_1'	0.33	0.53	3.33	0.82	0.3	0.89	0.86 No	0.3	Element Fault
TWL081	814	'5718028_/5718025'	0.8	1.6	10	2.45	1.6	2.66	2.57 No	0.8	Primary Over-Voltage
TWL081	815	'7728555_/736757966'	0.33	0.53	3.33	0.82	0.2	0.89	0.86 No	0.2	Element Fault
TWL081	816	'5730136_/5758222'	0.3	0.53	3.33	0.82	0.3	0.88	0.86 No	0.3	Primary Over-Voltage
TWL081	817	'7728554_/7728552'	0.33	0.53	3.33	0.82	0.2	0.88	0.86 No	0.2	Element Fault
TWL081	818	'5718045_/5718042'	0.8	1.6	10	2.45	1.6	2.63	2.57 No	0.8	Primary Over-Voltage
TWL081	819	'5718062_/5718059'	0.8	1.6	10	2.45	1.6	2.61	2.57 No	0.8	Primary Over-Voltage
TWL081	820	'8991241_/578366426_2'	0.33	0.53	3.33	0.82	0.3	0.86	0.86 No	0.3	Element Fault
TWL081	821	'5730137_/5730134'	0.27	0.53	3.33	0.82	0.3	0.86	0.86 No	0.27	Primary Over-Voltage
TWL081	822	'8365120_/8365118_1'	0.33	0.5	3.33	0.82	0.3	0.86	0.86 No	0.3	Element Fault
TWL081	823	'5730150_/5730147'	0.27	0.5	3.33	0.82	0.3	0.85	0.86 No	0.27	Primary Over-Voltage
TWL081	824	'5730163_/5730160'	0.27	0.5	3.33	0.82	0.3	0.84	0.86 No	0.27	Primary Over-Voltage
TWL081	825	'5718092_/5718089'	0.8	1.5	10	2.45	1.6	2.54	2.57 No	0.8	Primary Over-Voltage
TWL081	826	'8993954_/8993951'	0.33	0.5	3.33	0.82	0.3	0.84	0.86 No	0.3	Element Fault
TWL081	827	'5718078_/5730173'	0.27	0.5	3.33	0.82	0.3	0.83	0.86 No	0.27	Primary Over-Voltage
TWL081	828	'5718109_/5718106'	0.7	1.5	10	2.45	1.6	2.49	2.57 No	0.7	Primary Over-Voltage
TWL081	829	'5718079_/5718076'	0.27	0.5	3.33	0.82	0.3	0.82	0.86 No	0.27	Primary Over-Voltage
TWL081	830	'43772247_/43772249'	0.27	0.5	3.33	0.82	0.3	0.81	0.86 No	0.27	Primary Over-Voltage
TWL081	831	'5730708_/5730705'	0.27	0.5	3.33	0.82	0.3	0.81	0.86 No	0.27	Primary Over-Voltage
TWL081	832	'8364043_/9620399'	0.33	0.47	3.33	0.82	0.3	0.81	0.86 No	0.3	Element Fault
TWL081	833	'43772258_/5731713'	0.7	1.4	10	2.45	1.6	2.42	2.57 No	0.7	Primary Over-Voltage
TWL081	834	'51448582_/51448510_1'	0.7	1.4	10	2.45	1	2.42	2.57 No	0.7	Primary Over-Voltage
TWL081	835	'5730072_/5730082'	0.27	0.47	3.33	0.82	0.3	0.79	0.86 No	0.27	Primary Over-Voltage
TWL081	836	'51448503_/51448510_2'	0.7	1.4	10	2.45	1	2.39	2.57 No	0.7	Primary Over-Voltage
TWL081	837	'5730059_/5730069'	0.27	0.47	3.33	0.82	0.3	0.78	0.86 No	0.27	Primary Over-Voltage
TWL081	838	'8364074_/54329850'	0.3	0.47	3.33	0.82	0.3	0.77	0.86 No	0.3	Primary Over-Voltage
TWL081	839	'5730046_/5730056'	0.27	0.47	3.33	0.82	0.3	0.77	0.86 No	0.27	Primary Over-Voltage
TWL081	840	'5730643_/5730640'	0.27	0.47	3.33	0.82	0.3	0.77	0.86 No	0.27	Primary Over-Voltage
TWL081	841	'8364042_/8364040'	0.3	0.47	3.33	0.82	0.3	0.77	0.86 No	0.3	Primary Over-Voltage
TWL081	842	'8050984_/54329869'	0.3	0.47	3.33	0.82	0.3	0.76	0.86 No	0.3	Primary Over-Voltage
TWL081	843	'5730656_/5730653'	0.23	0.47	3.33	0.82	0.3	0.76	0.86 No	0.23	Primary Over-Voltage
TWL081	844	'43772197_/43772199'	0.23	0.47	3.33	0.82	0.3	0.75	0.86 No	0.23	Primary Over-Voltage
TWL081	845	'8050999_/8993967'	0.3	0.43	3.33	0.82	0.3	0.75	0.86 No	0.3	Primary Over-Voltage
TWL081	846	'43772370_/5730666'	0.23	0.43	3.33	0.82	0.3	0.75	0.86 No	0.23	Primary Over-Voltage
TWL081	847	'5730020_/5730030'	0.23	0.43	3.33	0.82	0.3	0.74	0.86 No	0.23	Primary Over-Voltage
TWL081	848	'5730682_/43772372'	0.23	0.43	3.33	0.82	0.3	0.74	0.86 No	0.23	Primary Over-Voltage
TWL081	849	'8051000_/8050997_1'	0.27	0.4	3.33	0.82	0.3	0.73	0.86 No	0.27	Primary Over-Voltage
TWL081	850	'5730007_/5730017'	0.23	0.43	3.33	0.82	0.3	0.73	0.86 No	0.23	Primary Over-Voltage
TWL081	851	'5730695_/5730692'	0.23	0.43	3.33	0.82	0.3	0.72	0.86 No	0.23	Primary Over-Voltage
TWL081	852	'43772186_/43772188'	0.23	0.43	3.33	0.82	0.3	0.72	0.86 No	0.23	Primary Over-Voltage
TWL081	853	'44684182_/5729991'	0.23	0.43	3.33	0.82	0.3	0.71	0.86 No	0.23	Primary Over-Voltage
TWL081	854	'8050983_/54329903'	0.3	0.43	3.33	0.82	0.3	0.71	0.86 No	0.3	Primary Over-Voltage
TWL081	855	'43772381_/5731666'	0.23	0.43	3.33	0.82	0.3	0.71	0.86 No	0.23	Primary Over-Voltage
TWL081	856	'379663642_/379663528_1'	0.23	0.43	3.33	0.82	0.1	0.71	0.86 No	0.1	Element Fault
TWL081	857	'373933510_/379663528_2'	0.23	0.4	3.33	0.82	0.1	0.69	0.86 No	0.1	Element Fault
TWL081	858	'373933553_/373933572'	0.23	0.4	3.33	0.82	0.1	0.68	0.86 No	0.1	Element Fault
TWL081	859	'8675511_/54329926'	0.27	0.4	3.33	0.82	0.3	0.68	0.86 No	0.27	Primary Over-Voltage
TWL082	0	'TWL082_/7730175'	10	10	10	1.83	10	10	10 No	1.83	Thermal Discharging
TWL082	1	'7730177_/7730175'	10	10	10	1.83	10	10	3.08 No	1.83	Thermal Discharging
TWL082	2	'8366057_/8366054'	10	10	10	1.83	10	10	3.08 No	1.83	Thermal Discharging
TWL082	3	'9310006_/9622713'	10	10	10	1.83	10	10	3.08 No	1.83	Thermal Discharging
TWL082	4	'9310007_/9310004'	10	10	10	1.83	10	10	3.08 No	1.83	Thermal Discharging
TWL082	5	'7730337_/9622573'	10	10	10	1.83	10	10	3.08 No	1.83	Thermal Discharging
TWL082	6	'7730338_/7730335'	10	10	10	1.83	10	10	3.08 No	1.83	Thermal Discharging
TWL082	7	'8053310_/8678782'	10	10	10	1.83	10	10	3.08 No	1.83	Thermal Discharging
TWL082	8	'8053309_/8053307'	9.7	10	10	1.83	10	10	3.08 No	1.83	Thermal Discharging
TWL082	9	'9309587_/9310204'	8.9	10	10	1.83	10	10	3.08 No	1.83	Thermal Discharging
TWL082	10	'8365857_/9309584'	8.1	10	10	1.83	10	10	3.08 No	1.83	Thermal Discharging
TWL082	11	'8365856_/8365854'	7.5	10	10	1.83	10	10	3.08 No	1.83	Thermal Discharging
TWL082	12	'8995868_/8995905'	6.8	10	10	1.83	10	10	3.08 No	1.83	Thermal Discharging
TWL082	13	'8995867_/8995865'	6.3	10	10	1.83	10	10	3.08 No	1.83	Thermal Discharging
TWL082	14	'9309546_/9309544'	5.9	10	10	1.83	10	10	3.08 No	1.83	Thermal Discharging
TWL082	15	'9622155_/9622153'	5.5	10	10	1.83	10	10	3.08 No	1.83	Thermal Discharging
TWL082	16	'7729798_/9622193'	5.3	10	10	1.83	10	10	3.08 No	1.83	Thermal Discharging
TWL082	17	'7729758_/7729795'	5	10	10	1.83	10	10	3.08 No	1.83	Thermal Discharging
TWL082	18	'7729757_/7729755'	4.8	10	10	1.83	10	10	3.08 No	1.83	Thermal Discharging
TWL082	19	'7415714_/8052807'	4.7	10	10	1.83	10	10	3.08 No	1.83	Thermal Discharging
TWL082	20	'7415694_/7415711'	4.5	10	10	1.83	10	10	3.08 No	1.83	Thermal Discharging
TWL082	21	'7415693_/7415691'	4.3	10	10	1.83	10	10	3.08 No	1.83	Thermal Discharging
TWL082	22	'8995808_/9309464'	4.1	10	10	1.83	10	10	3.08 No	1.83	Thermal Discharging
TWL082	23	'8053690_/8995805'	4	10	10	1.83	10	10	3.08 No	1.83	Thermal Discharging
TWL082	24	'8053689_/8053687'	3.9	10	10	1.83	10	10	3.08 No	1.83	Thermal Discharging
TWL082	25	'8365736_/8365734'	3.8	10	10	1.83	10	10	3.08 No	1.83	Thermal Discharging
TWL082	26	'8678325_/9622133'	3.7	10	10	1.83	10	10	3.08 No	1.83	Thermal Discharging
TWL082	27	'8366277_/8678322'	3.5	9.8	10	1.83	10	10	3.08 No	1.83	Thermal Discharging
TWL082	28	'8366276_/8366274'	3.4	9.4	10	1.83	10	10	3.08 No	1.83	Thermal Discharging
TWL082	29	'8678604_/8678602'	3.3	9.1	10	1.83	10	10	3.08 No	1.83	Thermal Discharging
TWL082	30	'8996107_/8996105'	3.3	8.8	10	1.83	10	10	3.08 No	1.83	Thermal Discharging
TWL082	31	'7729918_/9309704'	3.2	8.5	10	1.83	10	10	3.08 No	1.83	Thermal Discharging
TWL082	32	'7729917_/7729915'	3.1	8.2	10	1.83	10	10	3.08 No	1.83	Thermal Discharging
TWL082	33	'8053190_/9622353'	3	8	10	1.83	10	10	3.08 No	1.83	Thermal Discharging
TWL082	34	'7729978_/8053187'	3	7.6	10	1.83	10	10	3.08 No	1.83	Thermal Discharging
TWL082	35	'7729977_/7729975'	2.9	7.4	10	1.83	10	9.97	3.08 No	1.83	Thermal Discharging
TWL082	36	'8053149_/8053147'	2.8	7.1	10	1.83	10	9.68	3.08 No	1.83	Thermal Discharging
TWL082	37	'7729898_/9622313'	2.8	6.9	10	1.83	10	9.47	3.08 No	1.83	Thermal Discharging
TWL082	38	'7729897_/7729895'	2.7	6.7	10	1.83	10	9.22	3.08 No	1.83	Thermal Discharging
TWL082	39	'7416522_/8053889'	2.6	6.5	10	1.83	10	8.98	3.08 No	1.83	Thermal Discharging
TWL082	40	'7416521_/7416519'	2.6	6.3	10	1.83	10	8.76	3.08 No	1.83	Thermal Discharging
TWL082	41	'8996047_/8996045'	2.6	6.2	10	1.83	10	8.69	3.08 No	1.83	Thermal Discharging
TWL082	42	'7415794_/9309644'	2.5	6.1	10	1.83	10	8.49	3.08 No	1.83	Thermal Discharging
TWL082	43	'7415793_/7415791'	2.5	6	10	1.83	10	8.38	3.08 No	1.83	Thermal Discharging
TWL082	44	'8365916_/8365914'	2.5	5.8	10	1.83	10	8.19	3.08 No	1.83	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TWL082	45	'8365897_/_8996005'		2.4	5.7	10	1.83	10	8.02	3.08 No	1.83 Thermal Discharging
TWL082	46	'8365896_/_8365894'		2.4	5.6	10	1.83	10	7.97	3.08 No	1.83 Thermal Discharging
TWL082	47	'8679045_/_8679042'		2.4	5.5	10	1.83	10	7.8	3.08 No	1.83 Thermal Discharging
TWL082	48	'8678625_/_9622413'		2.3	5.3	10	1.83	10	7.6	3.08 No	1.83 Thermal Discharging
TWL082	49	'8053230_/_8678622'		2.3	5.2	10	1.83	10	7.43	3.08 No	1.83 Thermal Discharging
TWL082	50	'7729998_/_8053227'		2.3	5.2	10	1.83	10	7.41	3.08 No	1.83 Thermal Discharging
TWL082	51	'7729997_/_7729995'		2.3	5.1	10	1.83	10	7.31	3.08 No	1.83 Thermal Discharging
TWL082	52	'7730617_/_7730615'		2.3	5	10	1.83	10	7.17	3.08 No	1.83 Thermal Discharging
TWL082	53	'8053210_/_9310318'		2.2	4.8	10	1.83	10	7.02	3.08 No	1.83 Thermal Discharging
TWL082	54	'8053209_/_8053207'		2.2	4.8	10	1.83	10	6.92	3.08 No	1.83 Thermal Discharging
TWL082	55	'447590823_/_8420602'		2	4.1	10	1.83	10	6.01	3.08 No	1.83 Thermal Discharging
TWL082	56	'447590678_/_447590881'		2	4.1	10	1.83	10	6.01	3.08 No	1.83 Thermal Discharging
TWL082	57	'447590655_/_447590676'		2	4.1	10	1.83	10	6.01	3.08 No	1.83 Thermal Discharging
TWL082	58	'447590654_/_447590652'		2	4.1	10	1.83	5.1	6.01	3.08 No	1.83 Thermal Discharging
TWL082	59	'447590662_/_447590660'		2	4.1	10	1.83	10	6.01	3.08 No	1.83 Thermal Discharging
TWL082	60	'447590670_/_447590668'		2	4.1	10	1.83	10	6.01	3.08 No	1.83 Thermal Discharging
TWL082	61	'461188965_/_447590969_2'		1.9	3.8	10	1.83	10	5.58	3.08 No	1.83 Thermal Discharging
TWL082	62	'447590924_/_447590969_1'		1.9	3.8	10	1.83	10	5.58	3.08 No	1.83 Thermal Discharging
TWL082	63	'4729572_/_447590926'		1.9	3.7	10	1.83	10	5.57	3.08 No	1.83 Thermal Discharging
TWL082	64	'43568097_/_43568099'		1.9	3.7	10	1.83	10	5.56	3.08 No	1.83 Thermal Discharging
TWL082	65	'4744467_/_4744481'		1.9	3.7	10	1.83	10	5.54	3.08 No	1.83 Thermal Discharging
TWL082	66	'461188991_/_446547050_1'		0.63	1.23	3.33	0.61	0.3	1.84	1.03 No	0.3 Element Fault
TWL082	67	'4732371_/_4744464'		1.9	3.7	10	1.83	10	5.51	3.08 No	1.83 Thermal Discharging
TWL082	68	'492881519_/_447591199'		1.8	3.7	10	1.83	5.1	5.53	3.08 No	1.8 Primary Over-Voltage
TWL082	69	'4729571_/_4729569_2'		0.63	1.23	3.33	0.61	1.6	1.83	1.03 No	0.61 Thermal Discharging
TWL082	70	'492881506_/_492881516'		1.8	3.7	10	1.83	5.1	5.53	3.08 No	1.8 Primary Over-Voltage
TWL082	71	'492881507_/_492881504'		1.8	3.7	10	1.83	1.1	5.53	3.08 No	1.1 Element Fault
TWL082	72	'492881513_/_492881510'		1.8	3.7	10	1.83	5.1	5.53	3.08 No	1.8 Primary Over-Voltage
TWL082	73	'492881584_/_492881581'		1.8	3.7	10	1.83	1.2	5.53	3.08 No	1.2 Element Fault
TWL082	74	'4732372_/_4732386_1'		1.9	3.7	10	1.83	1.6	5.49	3.08 No	1.6 Element Fault
TWL082	75	'4729507_/_446547050_2'		0.63	1.23	3.33	0.61	0.3	1.83	1.03 No	0.3 Element Fault
TWL082	76	'43568110_/_43568112'		1.9	3.7	10	1.83	10	5.47	3.08 No	1.83 Thermal Discharging
TWL082	77	'43568259_/_4729569_1'		0.63	1.23	3.33	0.61	0.5	1.82	1.03 No	0.5 Element Fault
TWL082	78	'4744449_/_4744447'		1.9	3.7	10	1.83	10	5.44	3.08 No	1.83 Thermal Discharging
TWL082	79	'4744433_/_4744532'		1.9	3.6	10	1.83	10	5.42	3.08 No	1.83 Thermal Discharging
TWL082	80	'447591366_/_447591444'		1.8	3.6	10	1.83	1.2	5.47	3.08 No	1.2 Element Fault
TWL082	81	'43568123_/_43568125'		1.9	3.6	10	1.83	10	5.39	3.08 No	1.83 Thermal Discharging
TWL082	82	'4729532_/_4732386_2'		1.9	3.6	10	1.83	1.6	5.41	3.08 No	1.6 Element Fault
TWL082	83	'58029299_/_58029163_1'		1.9	3.6	10	1.83	1	5.4	3.08 No	1 Element Fault
TWL082	84	'4744415_/_4744413'		1.9	3.6	10	1.83	10	5.36	3.08 No	1.83 Thermal Discharging
TWL082	85	'58029157_/_58029163_2'		1.9	3.6	10	1.83	1	5.38	3.08 No	1 Element Fault
TWL082	86	'4729494_/_4729504'		0.63	1.2	3.33	0.61	0.3	1.79	1.03 No	0.3 Element Fault
TWL082	87	'4744569_/_4744586'		1.8	3.6	10	1.83	10	5.34	3.08 No	1.8 Primary Over-Voltage
TWL082	88	'4731015_/_4744606'		1.8	3.6	10	1.83	10	5.33	3.08 No	1.8 Primary Over-Voltage
TWL082	89	'4744629_/_4744626_1'		1.8	3.6	10	1.83	10	5.32	3.08 No	1.8 Primary Over-Voltage
TWL082	90	'58029222_/_58029250'		1.8	3.6	10	1.83	1	5.35	3.08 No	1 Element Fault
TWL082	91	'43568863_/_4744626_2'		1.8	3.6	10	1.83	10	5.31	3.08 No	1.8 Primary Over-Voltage
TWL082	92	'4744552_/_4744566'		1.8	3.6	10	1.83	10	5.31	3.08 No	1.8 Primary Over-Voltage
TWL082	93	'4730989_/_4730987_1'		0.6	1.2	3.33	0.61	0.5	1.77	1.03 No	0.5 Element Fault
TWL082	94	'4744646_/_43568865'		1.8	3.6	10	1.83	10	5.29	3.08 No	1.8 Primary Over-Voltage
TWL082	95	'58029186_/_58029229'		1.8	3.5	10	1.83	1	5.32	3.08 No	1 Element Fault
TWL082	96	'4744551_/_4744549'		1.8	3.5	10	1.83	10	5.27	3.08 No	1.8 Primary Over-Voltage
TWL082	97	'4729426_/_4729491'		0.63	1.17	3.33	0.61	0.3	1.77	1.03 No	0.3 Element Fault
TWL082	98	'4729533_/_4729530_1'		0.6	1.17	3.33	0.61	0.3	1.77	1.03 No	0.3 Element Fault
TWL082	99	'4731083_/_4744660'		1.8	3.5	10	1.83	10	5.25	3.08 No	1.8 Primary Over-Voltage
TWL082	100	'119567811_/_7979575_2'		1.8	3.5	10	1.83	4.4	5.26	3.08 No	1.8 Primary Over-Voltage
TWL082	101	'9238003_/_447591370'		1.8	3.5	10	1.83	1.2	5.32	3.08 No	1.2 Element Fault
TWL082	102	'4729584_/_4729582'		0.63	1.17	3.33	0.61	0.5	1.76	1.03 No	0.5 Element Fault
TWL082	103	'43568224_/_4729530_2'		0.6	1.17	3.33	0.61	0.3	1.76	1.03 No	0.3 Element Fault
TWL082	104	'4750164_/_4750162'		1.8	3.5	10	1.83	10	5.23	3.08 No	1.8 Primary Over-Voltage
TWL082	105	'8602406_/_9549442_2'		1.8	3.5	10	1.83	4.4	5.23	3.08 No	1.8 Primary Over-Voltage
TWL082	106	'4744680_/_4744677'		1.8	3.5	10	1.83	10	5.23	3.08 No	1.8 Primary Over-Voltage
TWL082	107	'458077324_/_458077295_1'		1.8	3.5	10	1.83	1.5	5.23	3.08 No	1.5 Element Fault
TWL082	108	'43568841_/_4730987_2'		0.6	1.17	3.33	0.61	0.5	1.75	1.03 No	0.5 Element Fault
TWL082	109	'4750387_/_4750385'		1.8	3.5	10	1.83	10	5.21	3.08 No	1.8 Primary Over-Voltage
TWL082	110	'4731190_/_4744694'		1.8	3.5	10	1.83	10	5.19	3.08 No	1.8 Primary Over-Voltage
TWL082	111	'4731084_/_4731081_1'		0.6	1.17	3.33	0.61	0.5	1.73	1.03 No	0.5 Element Fault
TWL082	112	'71864389_/_71864396'		1.7	3.5	10	1.83	1.2	5.27	3.08 No	1.2 Element Fault
TWL082	113	'7657908_/_7657905_2'		1.8	3.5	10	1.83	4.4	5.18	3.08 No	1.8 Primary Over-Voltage
TWL082	114	'4750495_/_4750629'		1.8	3.5	10	1.83	10	5.18	3.08 No	1.8 Primary Over-Voltage
TWL082	115	'4750461_/_4750459_1'		1.8	3.5	10	1.83	1.5	5.17	3.08 No	1.5 Element Fault
TWL082	116	'4730990_/_4731000_1'		0.6	1.17	3.33	0.61	0.5	1.73	1.03 No	0.5 Element Fault
TWL082	117	'7979577_/_7979575_1'		1.8	3.5	10	1.83	1.5	5.19	3.08 No	1.5 Element Fault
TWL082	118	'4744713_/_4745001'		1.8	3.5	10	1.83	10	5.16	3.08 No	1.8 Primary Over-Voltage
TWL082	119	'4731096_/_4731081_2'		0.6	1.17	3.33	0.61	0.5	1.72	1.03 No	0.5 Element Fault
TWL082	120	'4750462_/_4750459_2'		1.8	3.5	10	1.83	1.5	5.15	3.08 No	1.5 Element Fault
TWL082	121	'4731311_/_4744711'		1.8	3.5	10	1.83	10	5.14	3.08 No	1.8 Primary Over-Voltage
TWL082	122	'4750598_/_4750612'		1.8	3.5	10	1.83	10	5.13	3.08 No	1.8 Primary Over-Voltage
TWL082	123	'4729468_/_4729478'		0.63	1.13	3.33	0.61	0.3	1.73	1.03 No	0.3 Element Fault
TWL082	124	'588685378_/_588685281_1'		1.8	3.5	10	1.83	2.3	5.12	3.08 No	1.8 Primary Over-Voltage
TWL082	125	'7342381_/_7342379'		1.8	3.4	10	1.83	1	5.18	3.08 No	1 Element Fault
TWL082	126	'9549424_/_9549422'		1.8	3.4	10	1.83	1	5.17	3.08 No	1 Element Fault
TWL082	127	'4744731_/_4744728'		1.8	3.4	10	1.83	10	5.09	3.08 No	1.8 Primary Over-Voltage
TWL082	128	'4731284_/_4731282_1'		0.6	1.13	3.33	0.61	0.5	1.7	1.03 No	0.5 Element Fault
TWL082	129	'51889072_/_51889048'		1.8	3.4	10	1.83	4.7	5.11	3.08 No	1.8 Primary Over-Voltage
TWL082	130	'4750445_/_4750595'		1.8	3.4	10	1.83	10	5.08	3.08 No	1.8 Primary Over-Voltage
TWL082	131	'43568147_/_4729423'		0.63	1.13	3.33	0.61	0.3	1.72	1.03 No	0.3 Element Fault
TWL082	132	'43568887_/_4731188'		0.6	1.13	3.33	0.61	1.2	1.7	1.03 No	0.6 Primary Over-Voltage
TWL082	133	'86658882_/_4750405_1'		1.8	3.4	10	1.83	1.5	5.07	3.08 No	1.5 Element Fault
TWL082	134	'51889109_/_51889086_1'		1.8	3.4	10	1.83	1.5	5.09	3.08 No	1.5 Element Fault
TWL082	135	'4750563_/_4750561'		1.8	3.4	10	1.83	10	5.06	3.08 No	1.8 Primary Over-Voltage
TWL082	136	'8921005_/_458077295_2'		1.8	3.4	10	1.83	1.5	5.09	3.08 No	1.5 Element Fault
TWL082	137	'4750064_/_4753417'		1.8	3.4	10	1.83	10	5.05	3.08 No	1.8 Primary Over-Voltage
TWL082	138	'501821560_/_501821432_1'		1.8	3.4	10	1.83	1.5	5.04	3.08 No	1.5 Element Fault

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TWL082	139	'43568235_/43568237'	0.57	1.13	3.33	0.61	0.3	1.7	1.03	No	0.3 Element Fault
TWL082	140	'4750408_/4750405_2'	1.7	3.4	10	1.83	1.5	5.05	3.08	No	1.5 Element Fault
TWL082	141	'4731191_/4731201_1'	0.6	1.13	3.33	0.61	0.5	1.69	1.03	No	0.5 Element Fault
TWL082	142	'4750547_/4750578'	1.7	3.4	10	1.83	10	5.03	3.08	No	1.7 Primary Over-Voltage
TWL082	143	'4748413_/4748427'	0.63	1.13	3.33	0.61	0.5	1.7	1.03	No	0.5 Element Fault
TWL082	144	'4750065_/4750062'	1.8	3.4	10	1.83	10	5.02	3.08	No	1.8 Primary Over-Voltage
TWL082	145	'4758338_/4758353'	1.7	3.4	10	1.83	10	4.99	3.08	No	1.7 Primary Over-Voltage
TWL082	146	'91519181_/4750544'	1.7	3.4	10	1.83	10	4.99	3.08	No	1.7 Primary Over-Voltage
TWL082	147	'8921809_/8921807_1'	0.63	1.13	3.33	0.61	0.5	1.69	1.03	No	0.5 Element Fault
TWL082	148	'4749923_/4750079'	1.7	3.4	10	1.83	10	4.98	3.08	No	1.7 Primary Over-Voltage
TWL082	149	'91519311_/91519270_1'	1.7	3.4	10	1.83	1.5	4.98	3.08	No	1.5 Element Fault
TWL082	150	'91519427_/4750527'	1.7	3.4	10	1.83	10	4.97	3.08	No	1.7 Primary Over-Voltage
TWL082	151	'381487927_/4758336_1'	1.7	3.3	10	1.83	10	4.97	3.08	No	1.7 Primary Over-Voltage
TWL082	152	'4731097_/4731094'	0.57	1.1	3.33	0.61	0.5	1.67	1.03	No	0.5 Element Fault
TWL082	153	'743883140_/501821432_2'	1.7	3.3	10	1.83	1.5	4.98	3.08	No	1.5 Element Fault
TWL082	154	'4749906_/4749920'	1.7	3.3	10	1.83	10	4.95	3.08	No	1.7 Primary Over-Voltage
TWL082	155	'9549444_/9549442_1'	1.7	3.3	10	1.83	1.5	5	3.08	No	1.5 Element Fault
TWL082	156	'4731285_/4731282_2'	0.57	1.1	3.33	0.61	0.5	1.66	1.03	No	0.5 Element Fault
TWL082	157	'91519259_/91519270_2'	1.7	3.3	10	1.83	1.5	4.95	3.08	No	1.5 Element Fault
TWL082	158	'4731003_/4731000_2'	0.6	1.1	3.33	0.61	0.5	1.67	1.03	No	0.5 Element Fault
TWL082	159	'51889079_/51889086_2'	1.7	3.3	10	1.83	1.5	4.98	3.08	No	1.5 Element Fault
TWL082	160	'43568775_/4750422'	1.7	3.3	10	1.83	1.5	4.97	3.08	No	1.5 Element Fault
TWL082	161	'8053811_/447591269'	1.7	3.3	10	1.83	1.1	5.06	3.08	No	1.1 Element Fault
TWL082	162	'4749668_/4749903'	1.7	3.3	10	1.83	10	4.94	3.08	No	1.7 Primary Over-Voltage
TWL082	163	'9550914_/9550912_1'	1.7	3.3	10	1.83	1.5	4.93	3.08	No	1.5 Element Fault
TWL082	164	'4749869_/4749886'	1.7	3.3	10	1.83	10	4.91	3.08	No	1.7 Primary Over-Voltage
TWL082	165	'4749633_/4749631_1'	1.7	3.3	10	1.83	1.7	4.92	3.08	No	1.7 Primary Over-Voltage
TWL082	166	'8922183_/743883162'	1.7	3.3	10	1.83	1.5	4.93	3.08	No	1.5 Element Fault
TWL082	167	'4731204_/4731201_2'	0.57	1.1	3.33	0.61	0.5	1.65	1.03	No	0.5 Element Fault
TWL082	168	'72345534_/72345537'	1.7	3.3	10	1.83	1.5	4.93	3.08	No	1.5 Element Fault
TWL082	169	'8922567_/9235484_1'	1.7	3.3	10	1.83	1.5	4.9	3.08	No	1.5 Element Fault
TWL082	170	'357930545_/4749702_1'	0.57	1.1	3.33	0.61	0.5	1.63	1.03	No	0.5 Element Fault
TWL082	171	'43572481_/43572483'	1.7	3.3	10	1.83	10	4.88	3.08	No	1.7 Primary Over-Voltage
TWL082	172	'72345629_/72345606_1'	1.7	3.3	10	1.83	0.9	4.92	3.08	No	0.9 Element Fault
TWL082	173	'4729413_/4729436'	0.6	1.1	3.33	0.61	0.3	1.66	1.03	No	0.3 Element Fault
TWL082	174	'4749818_/4749832'	1.7	3.3	10	1.83	10	4.86	3.08	No	1.7 Primary Over-Voltage
TWL082	175	'4748388_/4748398'	0.63	1.1	3.33	0.61	0.5	1.65	1.03	No	0.5 Element Fault
TWL082	176	'4749634_/4749631_2'	1.7	3.3	10	1.83	1.7	4.87	3.08	No	1.7 Primary Over-Voltage
TWL082	177	'8603982_/8603980_1'	1.7	3.3	10	1.83	1.5	4.85	3.08	No	1.5 Element Fault
TWL082	178	'72345599_/72345606_2'	1.7	3.3	10	1.83	0.9	4.88	3.08	No	0.9 Element Fault
TWL082	179	'8922525_/9235504_2'	1.7	3.3	10	1.83	1.7	4.86	3.08	No	1.7 Primary Over-Voltage
TWL082	180	'8603627_/462316960'	1.7	3.3	10	1.83	5.1	4.97	3.08	No	1.7 Primary Over-Voltage
TWL082	181	'4749801_/4749815_2'	1.7	3.3	10	1.83	10	4.83	3.08	No	1.7 Primary Over-Voltage
TWL082	182	'43572468_/4749815_1'	1.7	3.3	10	1.83	10	4.83	3.08	No	1.7 Primary Over-Voltage
TWL082	183	'4729400_/4729410'	0.6	1.1	3.33	0.61	0.3	1.64	1.03	No	0.3 Element Fault
TWL082	184	'9235506_/9235504_1'	1.7	3.2	10	1.83	1.5	4.83	3.08	No	1.5 Element Fault
TWL082	185	'8921810_/8921807_2'	0.63	1.07	3.33	0.61	0.5	1.63	1.03	No	0.5 Element Fault
TWL082	186	'7657907_/7657905_1'	1.7	3.2	10	1.83	1.5	4.86	3.08	No	1.5 Element Fault
TWL082	187	'4749784_/4749798'	1.7	3.2	10	1.83	10	4.78	3.08	No	1.7 Primary Over-Voltage
TWL082	188	'9235487_/9235484_2'	1.7	3.2	10	1.83	1.5	4.79	3.08	No	1.5 Element Fault
TWL082	189	'43568136_/43568138'	0.6	1.07	3.33	0.61	0.3	1.63	1.03	No	0.3 Element Fault
TWL082	190	'4750297_/43568777'	1.6	3.2	10	1.83	1.5	4.81	3.08	No	1.5 Element Fault
TWL082	191	'9550915_/9550912_2'	1.7	3.2	10	1.83	1.5	4.79	3.08	No	1.5 Element Fault
TWL082	192	'43572494_/4749849'	1.7	3.2	10	1.83	10	4.75	3.08	No	1.7 Primary Over-Voltage
TWL082	193	'4749767_/4749781'	1.7	3.2	10	1.83	10	4.75	3.08	No	1.7 Primary Over-Voltage
TWL082	194	'43568876_/4731123'	0.53	1.07	3.33	0.61	0.5	1.61	1.03	No	0.5 Element Fault
TWL082	195	'4754467_/4754481'	1.7	3.2	10	1.83	10	4.73	3.08	No	1.7 Primary Over-Voltage
TWL082	196	'8922546_/9550934'	1.7	3.2	10	1.83	1.5	4.77	3.08	No	1.5 Element Fault
TWL082	197	'4731298_/4731295'	0.53	1.07	3.33	0.61	0.5	1.6	1.03	No	0.5 Element Fault
TWL082	198	'69266581_/69112001_1'	1.7	3.2	10	1.83	1	4.73	3.08	No	1 Element Fault
TWL082	199	'8604002_/8922543'	1.7	3.2	10	1.83	1.5	4.76	3.08	No	1.5 Element Fault
TWL082	200	'4749554_/4749764'	1.7	3.2	10	1.83	10	4.71	3.08	No	1.7 Primary Over-Voltage
TWL082	201	'43568898_/4731217'	0.53	1.07	3.33	0.61	0.5	1.59	1.03	No	0.5 Element Fault
TWL082	202	'527460576_/43572457_1'	1.7	3.2	10	1.83	1.5	4.7	3.08	No	1.5 Element Fault
TWL082	203	'4736676_/4754464'	1.7	3.2	10	1.83	10	4.7	3.08	No	1.7 Primary Over-Voltage
TWL082	204	'4749705_/4749702_2'	0.57	1.07	3.33	0.61	0.5	1.57	1.03	No	0.5 Element Fault
TWL082	205	'43568557_/4748372'	0.53	1.07	3.33	0.61	0.3	1.6	1.03	No	0.3 Element Fault
TWL082	206	'7657807_/588685281_2'	1.6	3.2	10	1.83	2.3	4.76	3.08	No	1.6 Primary Over-Voltage
TWL082	207	'4749597_/4749594'	1.6	3.2	10	1.83	4.8	4.69	3.08	No	1.6 Primary Over-Voltage
TWL082	208	'381298246_/4748385'	0.63	1.07	3.33	0.61	0.5	1.59	1.03	No	0.5 Element Fault
TWL082	209	'4736639_/4736673'	1.6	3.1	10	1.83	10	4.66	3.08	No	1.6 Primary Over-Voltage
TWL082	210	'381298278_/7980571_2'	0.63	1.07	3.33	0.61	0.5	1.59	1.03	No	0.5 Element Fault
TWL082	211	'4749651_/4749648'	1.6	3.1	10	1.83	1.7	4.71	3.08	No	1.6 Primary Over-Voltage
TWL082	212	'4736621_/4736619_1'	1.6	3.1	10	1.83	3.8	4.65	3.08	No	1.6 Primary Over-Voltage
TWL082	213	'69111994_/69112001_2'	1.6	3.1	10	1.83	1	4.66	3.08	No	1 Element Fault
TWL082	214	'8604003_/8604000'	1.6	3.1	10	1.83	1.5	4.7	3.08	No	1.5 Element Fault
TWL082	215	'9237987_/9237984_1'	0.6	0.97	3.33	0.61	0.3	1.59	1.03	No	0.3 Element Fault
TWL082	216	'4731029_/4731026'	0.6	1.03	3.33	0.61	0.5	1.58	1.03	No	0.5 Element Fault
TWL082	217	'4729373_/4729397'	0.57	1.03	3.33	0.61	0.3	1.59	1.03	No	0.3 Element Fault
TWL082	218	'4736659_/4736656'	1.6	3.1	10	1.83	10	4.63	3.08	No	1.6 Primary Over-Voltage
TWL082	219	'4753547_/4753545_1'	1.6	3.1	10	1.83	1.7	4.61	3.08	No	1.6 Primary Over-Voltage
TWL082	220	'4749614_/4749611'	1.6	3.1	10	1.83	4.8	4.63	3.08	No	1.6 Primary Over-Voltage
TWL082	221	'4752398_/4753582'	1.6	3.1	10	1.83	10	4.6	3.08	No	1.6 Primary Over-Voltage
TWL082	222	'527460558_/43572457_2'	1.6	3.1	10	1.83	1.5	4.61	3.08	No	1.5 Element Fault
TWL082	223	'4731139_/43568878'	0.53	1.03	3.33	0.61	0.5	1.56	1.03	No	0.5 Element Fault
TWL082	224	'8603983_/8603980_2'	1.6	3.1	10	1.83	1.5	4.62	3.08	No	1.5 Element Fault
TWL082	225	'4749685_/43572535'	1.6	3.1	10	1.83	1.7	4.64	3.08	No	1.6 Primary Over-Voltage
TWL082	226	'4752595_/4752609'	1.6	3.1	10	1.83	10	4.56	3.08	No	1.6 Primary Over-Voltage
TWL082	227	'452850198_/8921859_1'	1.6	3.1	10	1.83	1.5	4.68	3.08	No	1.5 Element Fault
TWL082	228	'4736622_/4736619_2'	1.6	3.1	10	1.83	3.8	4.55	3.08	No	1.6 Primary Over-Voltage
TWL082	229	'4752544_/4752592'	1.6	3.1	10	1.83	10	4.53	3.08	No	1.6 Primary Over-Voltage
TWL082	230	'4731233_/43568900'	0.53	1.03	3.33	0.61	0.5	1.54	1.03	No	0.5 Element Fault
TWL082	231	'470194718_/470194673_1'	1.6	3.1	10	1.83	1.5	4.53	3.08	No	1.5 Element Fault
TWL082	232	'4749553_/4749551'	1.6	3.1	10	1.83	4.7	4.56	3.08	No	1.6 Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TWL082	233	'4748349_/_4748359'		0.53	1	3.33	0.61	0.3	1.55	1.03 No	0.3 Element Fault
TWL082	234	'43568909_/_4731324'		0.53	1	3.33	0.61	0.5	1.54	1.03 No	0.5 Element Fault
TWL082	235	'44958774_/_4729449'		0.57	1	3.33	0.61	0.3	1.55	1.03 No	0.3 Element Fault
TWL082	236	'43572325_/_43572327'		1.6	3	10	1.83	10	4.5	3.08 No	1.6 Primary Over-Voltage
TWL082	237	'43572286_/_4752396'		1.6	3	10	1.83	3.5	4.52	3.08 No	1.6 Primary Over-Voltage
TWL082	238	'4752399_/_4752416_1'		1.6	3	10	1.83	1.5	4.51	3.08 No	1.5 Element Fault
TWL082	239	'4748348_/_4748346'		0.53	1	3.33	0.61	0.3	1.53	1.03 No	0.3 Element Fault
TWL082	240	'4749718_/_43572548'		0.57	1	3.33	0.61	0.5	1.51	1.03 No	0.5 Element Fault
TWL082	241	'459265316_/_446547187'		1.5	3	10	1.83	5.1	4.64	3.08 No	1.5 Primary Over-Voltage
TWL082	242	'459265299_/_459265313'		1.5	3	10	1.83	5.1	4.64	3.08 No	1.5 Primary Over-Voltage
TWL082	243	'459265300_/_459265297'		1.5	3	10	1.83	5.1	4.64	3.08 No	1.5 Primary Over-Voltage
TWL082	244	'459265324_/_459265321'		1.2	2.2	10	1.83	0.9	4.64	3.08 No	0.9 Element Fault
TWL082	245	'459265308_/_459265305'		1.5	3	10	1.83	0.5	4.64	3.08 No	0.5 Element Fault
TWL082	246	'4749577_/_4749574'		1.6	3	10	1.83	4.7	4.5	3.08 No	1.6 Primary Over-Voltage
TWL082	247	'43572273_/_4753545_2'		1.6	3	10	1.83	1.7	4.48	3.08 No	1.6 Primary Over-Voltage
TWL082	248	'43568158_/_4729371'		0.57	1	3.33	0.61	0.3	1.53	1.03 No	0.3 Element Fault
TWL082	249	'459265957_/_459266025'		0.5	1	3.33	0.61	0.17	1.54	1.03 No	0.17 Element Fault
TWL082	250	'7342914_/_7980571_1'		0.6	1	3.33	0.61	0.3	1.52	1.03 No	0.3 Element Fault
TWL082	251	'4731152_/_4731149'		0.5	1	3.33	0.61	0.5	1.52	1.03 No	0.5 Primary Over-Voltage
TWL082	252	'43568852_/_4731039'		0.57	1	3.33	0.61	0.5	1.51	1.03 No	0.5 Element Fault
TWL082	253	'4730921_/_4749534'		1.6	3	10	1.83	3.8	4.44	3.08 No	1.6 Primary Over-Voltage
TWL082	254	'461189416_/_462317634'		1.5	3	10	1.83	5.1	4.56	3.08 No	1.5 Primary Over-Voltage
TWL082	255	'353250204_/_7163329'		1.5	2.9	10	1.83	1.7	4.4	3.08 No	1.5 Primary Over-Voltage
TWL082	256	'4730922_/_4730919'		1.6	2.9	10	1.83	3.8	4.39	3.08 No	1.6 Primary Over-Voltage
TWL082	257	'4731246_/_4731243'		0.5	0.97	3.33	0.61	0.5	1.49	1.03 No	0.5 Primary Over-Voltage
TWL082	258	'7342913_/_7342911'		0.6	0.97	3.33	0.61	0.3	1.5	1.03 No	0.3 Element Fault
TWL082	259	'43572520_/_4749744'		1.5	2.9	10	1.83	1.7	4.44	3.08 No	1.5 Primary Over-Voltage
TWL082	260	'470194657_/_470194673_2'		1.5	2.9	10	1.83	1.5	4.36	3.08 No	1.5 Primary Over-Voltage
TWL082	261	'4749747_/_7981229_1'		1.5	2.9	10	1.83	1.7	4.43	3.08 No	1.5 Primary Over-Voltage
TWL082	262	'353250210_/_346542824'		1.5	2.9	10	1.83	1.7	4.38	3.08 No	1.5 Primary Over-Voltage
TWL082	263	'4731340_/_43568911'		0.5	0.97	3.33	0.61	0.5	1.47	1.03 No	0.5 Primary Over-Voltage
TWL082	264	'4730939_/_4730936'		1.5	2.9	10	1.83	3.8	4.34	3.08 No	1.5 Primary Over-Voltage
TWL082	265	'43572236_/_4752309'		0.93	1.8	6.67	1.22	1	2.98	2.05 No	0.93 Primary Over-Voltage
TWL082	266	'7979557_/_7979555_1'		1.5	2.9	10	1.83	2.8	4.33	3.08 No	1.5 Primary Over-Voltage
TWL082	267	'462317002_/_462317016'		1.4	2.7	10	1.83	5.1	4.45	3.08 No	1.4 Primary Over-Voltage
TWL082	268	'462317003_/_462317000'		1.4	2.7	10	1.83	5.1	4.45	3.08 No	1.4 Primary Over-Voltage
TWL082	269	'462317011_/_462317008'		1.4	2.7	10	1.83	5.1	4.45	3.08 No	1.4 Primary Over-Voltage
TWL082	270	'462317027_/_462317024'		1.4	2.7	10	1.83	5.1	4.45	3.08 No	1.4 Primary Over-Voltage
TWL082	271	'462317019_/_461189445'		1.4	2.7	10	1.83	5.1	4.45	3.08 No	1.4 Primary Over-Voltage
TWL082	272	'4731165_/_4731162'		0.5	0.97	3.33	0.61	0.5	1.46	1.03 No	0.5 Primary Over-Voltage
TWL082	273	'4729360_/_4729384'		0.53	0.97	3.33	0.61	0.3	1.47	1.03 No	0.3 Element Fault
TWL082	274	'4750181_/_4750179'		0.5	0.93	3.33	0.61	0.3	1.45	1.03 No	0.3 Element Fault
TWL082	275	'461189029_/_462317232_1'		1.4	2.7	10	1.83	1.8	4.42	3.08 No	1.4 Primary Over-Voltage
TWL082	276	'7981231_/_7981229_2'		1.5	2.8	10	1.83	1.7	4.34	3.08 No	1.5 Primary Over-Voltage
TWL082	277	'446546860_/_462317232_2'		1.4	2.7	10	1.83	1.8	4.41	3.08 No	1.4 Primary Over-Voltage
TWL082	278	'4750195_/_4750192'		0.5	0.93	3.33	0.61	0.3	1.45	1.03 No	0.3 Element Fault
TWL082	279	'461189090_/_462317197_1'		1.4	2.7	10	1.83	1.5	4.39	3.08 No	1.4 Primary Over-Voltage
TWL082	280	'4731058_/_43568854'		0.53	0.93	3.33	0.61	0.5	1.45	1.03 No	0.5 Element Fault
TWL082	281	'474442666_/_462318621'		1.4	2.7	10	1.83	5.1	4.39	3.08 No	1.4 Primary Over-Voltage
TWL082	282	'474442653_/_474442663'		1.4	2.7	10	1.83	5.1	4.39	3.08 No	1.4 Primary Over-Voltage
TWL082	283	'474442654_/_474442651'		1.4	2.7	10	1.83	1.1	4.39	3.08 No	1.1 Element Fault
TWL082	284	'474442672_/_474442669'		1.4	2.7	10	1.83	0.6	4.39	3.08 No	0.6 Element Fault
TWL082	285	'474442660_/_474442657'		1.4	2.7	10	1.83	5.1	4.39	3.08 No	1.4 Primary Over-Voltage
TWL082	286	'7979558_/_7979555_2'		1.5	2.8	10	1.83	2.8	4.25	3.08 No	1.5 Primary Over-Voltage
TWL082	287	'4730956_/_4730953'		1.5	2.8	10	1.83	3.8	4.25	3.08 No	1.5 Primary Over-Voltage
TWL082	288	'43572299_/_4752416_2'		1.5	2.8	10	1.83	1.5	4.26	3.08 No	1.5 Primary Over-Voltage
TWL082	289	'4731259_/_4731256'		0.5	0.93	3.33	0.61	0.5	1.44	1.03 No	0.5 Primary Over-Voltage
TWL082	290	'462317176_/_462317197_2'		1.4	2.7	10	1.83	1.5	4.38	3.08 No	1.4 Primary Over-Voltage
TWL082	291	'387505420_/_387505418'		0.93	1.8	6.67	1.22	1	2.91	2.05 No	0.93 Primary Over-Voltage
TWL082	292	'4729345_/_4729358'		0.53	0.93	3.33	0.61	0.3	1.44	1.03 No	0.3 Element Fault
TWL082	293	'4751927_/_4751925'		1.4	2.7	10	1.83	1.8	4.35	3.08 No	1.4 Primary Over-Voltage
TWL082	294	'546263005_/_546263135'		1.4	2.7	10	1.83	1.1	4.34	3.08 No	1.1 Element Fault
TWL082	295	'43568828_/_4730970'		1.5	2.8	10	1.83	3.8	4.2	3.08 No	1.5 Primary Over-Voltage
TWL082	296	'4731353_/_4731350'		0.47	0.93	3.33	0.61	0.5	1.42	1.03 No	0.47 Primary Over-Voltage
TWL082	297	'4730973_/_8602316_1'		1.5	2.8	10	1.83	1.5	4.2	3.08 No	1.5 Primary Over-Voltage
TWL082	298	'546263050_/_546263066'		1.4	2.7	10	1.83	1.1	4.33	3.08 No	1.1 Element Fault
TWL082	299	'43568579_/_4750208'		0.47	0.93	3.33	0.61	0.3	1.42	1.03 No	0.3 Element Fault
TWL082	300	'546262986_/_546263082'		1.4	2.7	10	1.83	1.1	4.31	3.08 No	1.1 Element Fault
TWL082	301	'8602318_/_8602316_2'		1.5	2.8	10	1.83	1.5	4.18	3.08 No	1.5 Primary Over-Voltage
TWL082	302	'4731178_/_4731175'		0.47	0.93	3.33	0.61	0.5	1.42	1.03 No	0.47 Primary Over-Voltage
TWL082	303	'4753858_/_462317180'		1.4	2.7	10	1.83	1.5	4.3	3.08 No	1.4 Primary Over-Voltage
TWL082	304	'461189231_/_461189168'		0.93	1.8	6.67	1.22	0.6	2.84	2.05 No	0.6 Element Fault
TWL082	305	'4752311_/_4753873'		1.4	2.7	10	1.83	1.5	4.25	3.08 No	1.4 Primary Over-Voltage
TWL082	306	'4750313_/_4750476'		1.4	2.7	10	1.83	1.5	4.19	3.08 No	1.4 Primary Over-Voltage
TWL082	307	'461189189_/_461189032_2'		1.4	2.7	10	1.83	0.9	4.24	3.08 No	0.9 Element Fault
TWL082	308	'4752225_/_4752242'		1.4	2.7	10	1.83	1.8	4.24	3.08 No	1.4 Primary Over-Voltage
TWL082	309	'461189374_/_461189032_1'		1.4	2.7	10	1.83	0.9	4.24	3.08 No	0.9 Element Fault
TWL082	310	'4731272_/_4731269'		0.47	0.9	3.33	0.61	0.5	1.39	1.03 No	0.47 Primary Over-Voltage
TWL082	311	'4729332_/_4729342'		0.5	0.9	3.33	0.61	0.3	1.4	1.03 No	0.3 Element Fault
TWL082	312	'4731071_/_4731068'		0.5	0.9	3.33	0.61	0.5	1.39	1.03 No	0.5 Primary Over-Voltage
TWL082	313	'551407470_/_551407474'		1.4	2.7	10	1.83	1.1	4.2	3.08 No	1.1 Element Fault
TWL082	314	'461189441_/_461189420'		0.93	1.8	6.67	1.22	3.4	2.79	2.05 No	0.93 Primary Over-Voltage
TWL082	315	'551407516_/_551407532'		1.4	2.7	10	1.83	1.1	4.18	3.08 No	1.1 Element Fault
TWL082	316	'4731366_/_4731363'		0.47	0.9	3.33	0.61	0.5	1.37	1.03 No	0.47 Primary Over-Voltage
TWL082	317	'551407450_/_551407548'		1.4	2.7	10	1.83	1.1	4.17	3.08 No	1.1 Element Fault
TWL082	318	'4750314_/_4750311'		1.4	2.7	10	1.83	1.5	4.12	3.08 No	1.4 Primary Over-Voltage
TWL082	319	'43568590_/_4750221'		0.47	0.9	3.33	0.61	0.3	1.36	1.03 No	0.3 Element Fault
TWL082	320	'43569032_/_4731840'		0.47	0.9	3.33	0.61	0.5	1.37	1.03 No	0.47 Primary Over-Voltage
TWL082	321	'43568815_/_4750328'		1.4	2.6	10	1.83	1.5	4.08	3.08 No	1.4 Primary Over-Voltage
TWL082	322	'459265092_/_474442899_1'		1.4	2.6	10	1.83	1.5	4.12	3.08 No	1.4 Primary Over-Voltage
TWL082	323	'4752419_/_43572301'		1.4	2.6	10	1.83	1.5	4.01	3.08 No	1.4 Primary Over-Voltage
TWL082	324	'43568169_/_4729329'		0.5	0.87	3.33	0.61	0.3	1.36	1.03 No	0.3 Element Fault
TWL082	325	'43569043_/_4731879'		0.43	0.87	3.33	0.61	0.5	1.35	1.03 No	0.43 Primary Over-Voltage
TWL082	326	'4750331_/_43568817'		1.3	2.6	10	1.83	1.5	4.04	3.08 No	1.3 Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TWL082	327	'43572223_/_43572225'		1.3	2.6	10	1.83	1.8	4.07	3.08 No	1.3 Primary Over-Voltage
TWL082	328	'7342361_/_461189210'		1.3	2.6	10	1.83	0.9	4.06	3.08 No	0.9 Element Fault
TWL082	329	'43569021_/_4731801'		0.47	0.87	3.33	0.61	0.5	1.34	1.03 No	0.47 Primary Over-Voltage
TWL082	330	'43569054_/_4731918'		0.43	0.87	3.33	0.61	0.5	1.33	1.03 No	0.43 Primary Over-Voltage
TWL082	331	'4731856_/_43569034'		0.43	0.87	3.33	0.61	0.5	1.32	1.03 No	0.43 Primary Over-Voltage
TWL082	332	'4750224_/_43568592'		0.43	0.83	3.33	0.61	0.3	1.31	1.03 No	0.3 Element Fault
TWL082	333	'4752169_/_4752202'		1.3	2.5	10	1.83	1.8	3.96	3.08 No	1.3 Primary Over-Voltage
TWL082	334	'4731895_/_43569045'		0.43	0.83	3.33	0.61	0.5	1.3	1.03 No	0.43 Primary Over-Voltage
TWL082	335	'4729306_/_4729316'		0.47	0.83	3.33	0.61	0.3	1.3	1.03 No	0.3 Element Fault
TWL082	336	'4731817_/_4731814'		0.47	0.83	3.33	0.61	0.5	1.29	1.03 No	0.47 Primary Over-Voltage
TWL082	337	'43569059_/_43569056'		0.43	0.83	3.33	0.61	0.5	1.28	1.03 No	0.43 Primary Over-Voltage
TWL082	338	'4731869_/_4731866'		0.43	0.83	3.33	0.61	0.5	1.28	1.03 No	0.43 Primary Over-Voltage
TWL082	339	'474442562_/_474442578'		1.3	2.5	10	1.83	0.9	3.87	3.08 No	0.9 Element Fault
TWL082	340	'474443003_/_474442708_1'		1.3	2.4	10	1.83	1.1	3.87	3.08 No	1.1 Element Fault
TWL082	341	'4731908_/_4731905'		0.43	0.8	3.33	0.61	0.5	1.27	1.03 No	0.43 Primary Over-Voltage
TWL082	342	'4752168_/_4752166'		1.2	2.4	10	1.83	1.8	3.84	3.08 No	1.2 Primary Over-Voltage
TWL082	343	'4729305_/_4729303'		0.43	0.8	3.33	0.61	0.3	1.26	1.03 No	0.3 Element Fault
TWL082	344	'515553165_/_274728646_1'		1.2	2.4	10	1.83	0.9	3.82	3.08 No	0.9 Element Fault
TWL082	345	'453590506_/_368966200'		1.2	2.4	10	1.83	1.8	3.82	3.08 No	1.2 Primary Over-Voltage
TWL082	346	'4731830_/_4731827'		0.43	0.8	3.33	0.61	0.5	1.25	1.03 No	0.43 Primary Over-Voltage
TWL082	347	'453590546_/_368966241_2'		1.2	2.4	10	1.83	1.8	3.81	3.08 No	1.2 Primary Over-Voltage
TWL082	348	'459265842_/_459265782'		0.8	1.47	6.67	1.22	0.6	2.53	2.05 No	0.6 Element Fault
TWL082	349	'7660734_/_274728646_2'		1.2	2.4	10	1.83	0.9	3.76	3.08 No	0.9 Element Fault
TWL082	350	'4729519_/_4729517'		0.43	0.77	3.33	0.61	0.3	1.23	1.03 No	0.3 Element Fault
TWL082	351	'349871522_/_274728665'		1.2	2.3	10	1.83	0.9	3.69	3.08 No	0.9 Element Fault
TWL082	352	'7980914_/_349871540'		1.2	2.3	10	1.83	0.9	3.65	3.08 No	0.9 Element Fault
TWL082	353	'368966222_/_368966241_1'		1.2	2.3	10	1.83	1.2	3.62	3.08 No	1.2 Primary Over-Voltage
TWL082	354	'4730727_/_4730724'		0.43	0.77	3.33	0.61	0.3	1.19	1.03 No	0.3 Element Fault
TWL082	355	'459265777_/_459265745'		1.1	2.2	10	1.83	0.9	3.57	3.08 No	0.9 Element Fault
TWL082	356	'4730765_/_4730763'		0.4	0.73	3.33	0.61	0.3	1.18	1.03 No	0.3 Element Fault
TWL082	357	'4729240_/_4730776'		0.4	0.73	3.33	0.61	0.3	1.15	1.03 No	0.3 Element Fault
TWL082	358	'4729241_/_4729238'		0.4	0.7	3.33	0.61	0.3	1.12	1.03 No	0.3 Element Fault
TWL082	359	'461189500_/_461189519'		0.4	0.7	3.33	0.61	1.7	1.16	1.03 No	0.4 Primary Over-Voltage
TWL082	360	'43568191_/_4729251'		0.37	0.7	3.33	0.61	0.3	1.09	1.03 No	0.3 Element Fault
TWL082	361	'4729254_/_43568193'		0.37	0.67	3.33	0.61	0.3	1.06	1.03 No	0.3 Element Fault
TWL082	362	'4729266_/_4729264'		0.37	0.63	3.33	0.61	0.3	1.04	1.03 No	0.3 Element Fault
TWL082	363	'4729280_/_4729277'		0.37	0.63	3.33	0.61	0.3	1.02	1.03 No	0.3 Element Fault
TWL082	364	'8880693_/_461189325'		0.33	0.63	3.33	0.61	0.3	1.04	1.03 No	0.3 Element Fault
TWL082	365	'4729163_/_4729290'		0.37	0.63	3.33	0.61	0.3	1.01	1.03 No	0.3 Element Fault
TWL082	366	'7305200_/_446546970'		0.4	0.63	3.33	0.61	0.2	1.02	1.03 No	0.2 Element Fault
TWL082	367	'4729162_/_4729160'		0.33	0.63	3.33	0.61	0.3	0.99	1.03 No	0.3 Element Fault
TWL082	368	'4729215_/_4729225'		0.33	0.6	3.33	0.61	0.3	0.99	1.03 No	0.3 Element Fault
TWL082	369	'4729149_/_4729173'		0.33	0.6	3.33	0.61	0.3	0.98	1.03 No	0.3 Element Fault
TWL082	370	'4729202_/_4729212'		0.33	0.6	3.33	0.61	0.3	0.98	1.03 No	0.3 Element Fault
TWL082	371	'4729056_/_4729147'		0.33	0.6	3.33	0.61	0.3	0.96	1.03 No	0.3 Element Fault
TWL082	372	'43568180_/_4729199'		0.33	0.6	3.33	0.61	0.3	0.96	1.03 No	0.3 Element Fault
TWL082	373	'43568202_/_43568204'		0.33	0.6	3.33	0.61	0.3	0.95	1.03 No	0.3 Element Fault
TWL082	374	'4729043_/_4729053'		0.33	0.6	3.33	0.61	0.3	0.94	1.03 No	0.3 Element Fault
TWL082	375	'437402504_/_4729105_1'		0.33	0.6	3.33	0.61	0.2	0.94	1.03 No	0.2 Element Fault
TWL082	376	'43568179_/_4729186'		0.33	0.57	3.33	0.61	0.3	0.93	1.03 No	0.3 Element Fault
TWL082	377	'4729108_/_4729105_2'		0.33	0.57	3.33	0.61	0.2	0.93	1.03 No	0.2 Element Fault
TWL082	378	'7305199_/_7305197'		0.37	0.57	3.33	0.61	0.2	0.95	1.03 No	0.2 Element Fault
TWL082	379	'4729069_/_4729066'		0.33	0.57	3.33	0.61	0.3	0.93	1.03 No	0.3 Element Fault
TWL082	380	'453590443_/_453590475'		0.37	0.57	3.33	0.61	0.6	0.94	1.03 No	0.37 Primary Over-Voltage
TWL082	381	'443658776_/_453590440_2'		0.37	0.57	3.33	0.61	0.6	0.94	1.03 No	0.37 Primary Over-Voltage
TWL082	382	'43568213_/_4729118'		0.3	0.57	3.33	0.61	0.2	0.91	1.03 No	0.2 Element Fault
TWL082	383	'4729095_/_4729092'		0.3	0.57	3.33	0.61	0.3	0.9	1.03 No	0.3 Primary Over-Voltage
TWL082	384	'453590353_/_453590440_1'		0.37	0.57	3.33	0.61	0.3	0.93	1.03 No	0.3 Element Fault
TWL082	385	'45354353_/_4729134'		0.3	0.57	3.33	0.61	0.2	0.89	1.03 No	0.2 Element Fault
TWL082	386	'453590314_/_453590372'		0.33	0.53	3.33	0.61	0.3	0.89	1.03 No	0.3 Element Fault
TWL082	387	'462317437_/_459265912'		0.33	0.53	3.33	0.61	0.3	0.88	1.03 No	0.3 Element Fault
TWL082	388	'453590260_/_453590333'		0.33	0.53	3.33	0.61	0.3	0.86	1.03 No	0.3 Element Fault
TWL082	389	'453590206_/_453590279'		0.33	0.5	3.33	0.61	0.3	0.84	1.03 No	0.3 Element Fault
TWL082	390	'453590156_/_453590225'		0.3	0.47	3.33	0.61	0.3	0.81	1.03 No	0.3 Primary Over-Voltage
TWL082	391	'453590102_/_453590175'		0.3	0.47	3.33	0.61	0.3	0.79	1.03 No	0.3 Primary Over-Voltage
TWL082	392	'590006381_/_590006385'		0.3	0.47	3.33	0.61	0.3	0.78	1.03 No	0.3 Primary Over-Voltage
TWL082	393	'590006365_/_590006432'		0.3	0.47	3.33	0.61	0.3	0.78	1.03 No	0.3 Primary Over-Voltage
TWL082	394	'453590048_/_453590121'		0.3	0.47	3.33	0.61	0.3	0.76	1.03 No	0.3 Primary Over-Voltage
TWL082	395	'453589998_/_453590067'		0.27	0.43	3.33	0.61	0.3	0.74	1.03 No	0.27 Primary Over-Voltage
TWL083	0	'TWL083_/_9309784'		10	10	10	1.28	10	10	No	1.28 Thermal Discharging
TWL083	1	'7415933_/_9309784'		10	10	10	1.28	10	10	3.03 No	1.28 Thermal Discharging
TWL083	2	'7415934_/_7415931'		10	10	10	1.28	10	10	3.02 No	1.28 Thermal Discharging
TWL083	3	'8053489_/_8678982'		10	10	10	1.28	10	10	3.02 No	1.28 Thermal Discharging
TWL083	4	'8053490_/_8053487'		10	10	10	1.28	10	10	3.01 No	1.28 Thermal Discharging
TWL083	5	'8678964_/_9309984'		10	10	10	1.28	10	10	3.01 No	1.28 Thermal Discharging
TWL083	6	'8053469_/_8678962'		10	10	10	1.28	10	10	3 No	1.28 Thermal Discharging
TWL083	7	'8053330_/_8053467'		10	10	10	1.28	10	10	3 No	1.28 Thermal Discharging
TWL083	8	'8053329_/_8053327'		10	10	10	1.28	10	10	2.99 No	1.28 Thermal Discharging
TWL083	9	'8678405_/_9310224'		10	10	10	1.28	10	10	2.99 No	1.28 Thermal Discharging
TWL083	10	'8678404_/_8678402'		10	10	10	1.28	10	10	2.99 No	1.28 Thermal Discharging
TWL083	11	'7729878_/_9309564'		10	10	10	1.28	10	10	2.99 No	1.28 Thermal Discharging
TWL083	12	'7729877_/_7729875'		10	10	10	1.28	10	10	2.99 No	1.28 Thermal Discharging
TWL083	13	'7729858_/_8995885'		10	10	10	1.28	10	10	2.99 No	1.28 Thermal Discharging
TWL083	14	'7729857_/_7729855'		10	10	10	1.28	10	10	2.99 No	1.28 Thermal Discharging
TWL083	15	'8365777_/_9622173'		10	10	10	1.28	10	10	2.99 No	1.28 Thermal Discharging
TWL083	16	'7415654_/_8365774'		10	10	10	1.28	10	10	2.99 No	1.28 Thermal Discharging
TWL083	17	'7415653_/_7415651'		10	10	10	1.28	10	10	2.99 No	1.28 Thermal Discharging
TWL083	18	'7729738_/_7729775'		10	10	10	1.28	10	10	2.99 No	1.28 Thermal Discharging
TWL083	19	'7729737_/_7729735'		10	10	10	1.28	10	10	2.99 No	1.28 Thermal Discharging
TWL083	20	'8678385_/_9309484'		10	10	10	1.28	10	10	2.99 No	1.28 Thermal Discharging
TWL083	21	'8678365_/_8678382'		10	10	10	1.28	10	10	2.99 No	1.28 Thermal Discharging
TWL083	22	'8365757_/_8678362'		10	10	10	1.28	10	10	2.99 No	1.28 Thermal Discharging
TWL083	23	'8365756_/_8365754'		10	10	10	1.28	10	10	2.99 No	1.28 Thermal Discharging
TWL083	24	'8991757_/_8991755'		10	10	10	1.28	10	10	2.99 No	1.28 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TWL083	25	'7415674_/8995785'		10	10	10	1.28	10	10	2.99 No	1.28 Thermal Discharging
TWL083	26	'7415673_/7415671'		10	10	10	1.28	10	10	2.99 No	1.28 Thermal Discharging
TWL083	27	'8365977_/9622113'		10	10	10	1.28	10	10	2.99 No	1.28 Thermal Discharging
TWL083	28	'8365976_/8365974'		10	10	10	1.28	10	10	2.99 No	1.28 Thermal Discharging
TWL083	29	'8678585_/8996125'		10	10	10	1.28	10	10	2.99 No	1.28 Thermal Discharging
TWL083	30	'7415834_/8678582'		10	10	10	1.28	10	10	2.99 No	1.28 Thermal Discharging
TWL083	31	'7415833_/7415831'		10	10	10	1.28	10	10	2.99 No	1.28 Thermal Discharging
TWL083	32	'7729937_/7729935'		10	10	10	1.28	10	10	2.99 No	1.28 Thermal Discharging
TWL083	33	'8678545_/9309684'		10	10	10	1.28	10	10	2.99 No	1.28 Thermal Discharging
TWL083	34	'8678544_/8678542'		10	10	10	1.28	10	10	2.99 No	1.28 Thermal Discharging
TWL083	35	'8053170_/9622333'		10	10	10	1.28	10	10	2.99 No	1.28 Thermal Discharging
TWL083	36	'8053110_/8053167'		10	10	10	1.28	10	10	2.99 No	1.28 Thermal Discharging
TWL083	37	'8053109_/8053107'		10	10	10	1.28	10	10	2.99 No	1.28 Thermal Discharging
TWL083	38	'8996067_/8996065'		10	10	10	1.28	10	10	2.99 No	1.28 Thermal Discharging
TWL083	39	'9310433_/9622989'		10	10	10	1.28	10	10	2.99 No	1.28 Thermal Discharging
TWL083	40	'9310432_/9310430'		10	10	10	1.28	10	10	2.99 No	1.28 Thermal Discharging
TWL083	41	'8996028_/9622293'		10	10	10	1.28	10	10	2.99 No	1.28 Thermal Discharging
TWL083	42	'8053090_/8996025'		10	10	10	1.28	10	10	2.99 No	1.28 Thermal Discharging
TWL083	43	'8053089_/8053087'		10	10	10	1.28	10	10	2.99 No	1.28 Thermal Discharging
TWL083	44	'7415773_/9309604'		10	10	10	1.28	10	10	2.99 No	1.28 Thermal Discharging
TWL083	45	'7415774_/7415771'		10	10	10	1.28	10	10	2.99 No	1.28 Thermal Discharging
TWL083	46	'8365996_/9622273'		10	10	10	1.28	10	10	2.99 No	1.28 Thermal Discharging
TWL083	47	'7415874_/8365994'		10	10	10	1.28	10	10	2.99 No	1.28 Thermal Discharging
TWL083	48	'7415873_/7415871'		10	10	10	1.28	10	10	2.99 No	1.28 Thermal Discharging
TWL083	49	'7730038_/7730035'		10	10	10	1.28	10	10	2.99 No	1.28 Thermal Discharging
TWL083	50	'7415893_/8365954'		10	10	10	1.28	10	10	2.99 No	1.28 Thermal Discharging
TWL083	51	'7415894_/7415891'		10	10	10	1.28	10	10	2.99 No	1.28 Thermal Discharging
TWL083	52	'9622435_/9622433'		10	10	10	1.28	10	10	2.99 No	1.28 Thermal Discharging
TWL083	53	'8053249_/9721100'		10	10	10	1.28	10	10	2.99 No	1.28 Thermal Discharging
TWL083	54	'555319830_/8053247_1'		10	10	10	1.28	10	10	2.99 No	1.28 Thermal Discharging
TWL083	55	'5781694_/8053247_2'		10	10	10	1.28	10	10	2.99 No	1.28 Thermal Discharging
TWL083	56	'5789545_/5789559'		10	10	10	1.28	10	10	2.99 No	1.28 Thermal Discharging
TWL083	57	'5789528_/5789542'		10	10	10	1.28	10	10	2.99 No	1.28 Thermal Discharging
TWL083	58	'43783419_/43783421'		10	10	10	1.28	10	10	2.99 No	1.28 Thermal Discharging
TWL083	59	'5789494_/5789508'		10	10	10	1.28	10	10	2.99 No	1.28 Thermal Discharging
TWL083	60	'43783432_/43783434'		10	10	10	1.28	10	10	2.99 No	1.28 Thermal Discharging
TWL083	61	'5789460_/5789474'		10	10	10	1.28	10	10	2.99 No	1.28 Thermal Discharging
TWL083	62	'5789459_/5789457'		10	10	10	1.28	10	10	2.99 No	1.28 Thermal Discharging
TWL083	63	'43783445_/43783447'		10	10	10	1.28	10	10	2.99 No	1.28 Thermal Discharging
TWL083	64	'43783458_/43783460'		10	10	10	1.28	10	10	2.99 No	1.28 Thermal Discharging
TWL083	65	'5789426_/5789440'		10	10	10	1.28	10	10	2.99 No	1.28 Thermal Discharging
TWL083	66	'5789409_/5789423'		10	10	10	1.28	10	10	2.99 No	1.28 Thermal Discharging
TWL083	67	'5781711_/5789406'		10	10	10	1.28	10	10	2.99 No	1.28 Thermal Discharging
TWL083	68	'43783254_/5789386'		10	10	10	1.28	10	10	2.99 No	1.28 Thermal Discharging
TWL083	69	'5789372_/5789715'		10	10	10	1.28	10	10	2.99 No	1.28 Thermal Discharging
TWL083	70	'5789355_/5789369'		10	10	10	1.28	10	10	2.99 No	1.28 Thermal Discharging
TWL083	71	'43783241_/43783243'		10	10	10	1.28	10	10	2.99 No	1.28 Thermal Discharging
TWL083	72	'5789321_/5789335'		10	10	10	1.28	10	10	2.99 No	1.28 Thermal Discharging
TWL083	73	'5789304_/5789318'		10	10	10	1.28	10	10	2.99 No	1.28 Thermal Discharging
TWL083	74	'5781712_/43783269'	6.67	6.67	6.67	0.85	3	6.67	1.99 No	0.85 Thermal Discharging	
TWL083	75	'5789128_/5789301'		10	10	10	1.28	10	10	2.99 No	1.28 Thermal Discharging
TWL083	76	'5789111_/5789125'		10	10	10	1.28	10	10	2.99 No	1.28 Thermal Discharging
TWL083	77	'5789094_/5789108'		10	10	10	1.28	10	10	2.99 No	1.28 Thermal Discharging
TWL083	78	'5780444_/5789091'		10	10	10	1.28	10	10	2.99 No	1.28 Thermal Discharging
TWL083	79	'601957677_/601957450_1'	3.33	3.33	3.33	0.43	0.4	3.33	1 No	0.4 Element Fault	
TWL083	80	'43783159_/43783161'		10	10	10	1.28	10	10	2.99 No	1.28 Thermal Discharging
TWL083	81	'5789043_/5789057'		10	10	10	1.28	10	10	2.99 No	1.28 Thermal Discharging
TWL083	82	'5780393_/5789040'		10	10	10	1.28	10	10	2.99 No	1.28 Thermal Discharging
TWL083	83	'5789009_/5789023'		10	10	10	1.28	10	10	2.99 No	1.28 Thermal Discharging
TWL083	84	'43783146_/5789006'		10	10	10	1.28	10	10	2.99 No	1.28 Thermal Discharging
TWL083	85	'5788975_/5788989'		10	10	10	1.28	10	10	2.99 No	1.28 Thermal Discharging
TWL083	86	'609156778_/609156762'		10	10	10	1.28	10	10	2.99 No	1.28 Thermal Discharging
TWL083	87	'601957434_/601957450_2'	3.33	3.33	3.33	0.43	0.4	3.33	1 No	0.4 Element Fault	
TWL083	88	'5782314_/5788972'		10	10	10	1.28	10	10	2.99 No	1.28 Thermal Discharging
TWL083	89	'601958135_/601957621_2'	3.33	3.33	3.33	0.43	1.4	3.33	1 No	0.43 Thermal Discharging	
TWL083	90	'43783032_/5788921'		10	10	10	1.28	10	10	2.99 No	1.28 Thermal Discharging
TWL083	91	'5788907_/5789250'		10	10	10	1.28	10	10	2.99 No	1.28 Thermal Discharging
TWL083	92	'5788890_/5788904'		10	10	10	1.28	10	10	2.99 No	1.28 Thermal Discharging
TWL083	93	'5788889_/5788887'		10	10	10	1.28	10	10	2.99 No	1.28 Thermal Discharging
TWL083	94	'43783019_/43783021'		10	10	10	1.28	10	10	2.99 No	1.28 Thermal Discharging
TWL083	95	'5788873_/5792064'		10	10	10	1.28	10	10	2.99 No	1.28 Thermal Discharging
TWL083	96	'5788856_/5788870'		10	10	10	1.28	10	10	2.99 No	1.28 Thermal Discharging
TWL083	97	'5788839_/5788853'		10	10	10	1.28	10	10	2.99 No	1.28 Thermal Discharging
TWL083	98	'43783045_/43783047'	3.33	3.33	3.33	0.43	1.1	3.33	1 No	0.43 Thermal Discharging	
TWL083	99	'43783006_/5788836'		10	10	10	1.28	10	10	2.99 No	1.28 Thermal Discharging
TWL083	100	'601957562_/601957621_1'	3.33	3.33	3.33	0.43	0.4	3.33	1 No	0.4 Element Fault	
TWL083	101	'5795393_/5795391'		10	10	10	1.28	10	10	2.99 No	1.28 Thermal Discharging
TWL083	102	'5795427_/5795425'		10	10	10	1.28	10	10	2.99 No	1.28 Thermal Discharging
TWL083	103	'4736517_/7085222'		10	10	10	1.28	10	10	2.99 No	1.28 Thermal Discharging
TWL083	104	'4736500_/4736514'		10	10	10	1.28	10	10	2.99 No	1.28 Thermal Discharging
TWL083	105	'4736483_/4736497'		10	10	10	1.28	10	10	2.99 No	1.28 Thermal Discharging
TWL083	106	'4736466_/4736480'		10	10	10	1.28	10	10	2.99 No	1.28 Thermal Discharging
TWL083	107	'4736449_/4736463'		10	10	10	1.28	10	10	2.99 No	1.28 Thermal Discharging
TWL083	108	'4736432_/4736446'		10	10	10	1.28	10	10	2.99 No	1.28 Thermal Discharging
TWL083	109	'4736431_/4736429'		10	10	10	1.28	10	10	2.99 No	1.28 Thermal Discharging
TWL083	110	'4755073_/4755087'		10	10	10	1.28	10	10	2.99 No	1.28 Thermal Discharging
TWL083	111	'7343440_/7343437_1'		10	10	10	1.28	10	10	2.99 No	1.28 Thermal Discharging
TWL083	112	'4755056_/4755070'		10	10	10	1.28	10	10	2.99 No	1.28 Thermal Discharging
TWL083	113	'4755006_/4755053'		10	10	10	1.28	10	10	2.99 No	1.28 Thermal Discharging
TWL083	114	'4754986_/4755003'		10	10	10	1.28	10	10	2.99 No	1.28 Thermal Discharging
TWL083	115	'4754969_/4754983'		10	10	10	1.28	10	10	2.99 No	1.28 Thermal Discharging
TWL083	116	'37836829_/7343437_2'		10	10	10	1.28	10	10	2.99 No	1.28 Thermal Discharging
TWL083	117	'402810490_/37836826'		10	10	10	1.28	10	10	2.99 No	1.28 Thermal Discharging
TWL083	118	'402810509_/37836840'		10	10	10	1.28	10	10	2.99 No	1.28 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TWL083	119	'37836857_/37836854'		10	10	1.28	10	10	2.99 No	1.28	Thermal Discharging
TWL083	120	'37836815_/37836812'		10	10	1.28	3.4	10	2.99 No	1.28	Thermal Discharging
TWL083	121	'4754875_/4754966'		10	10	1.28	10	10	2.99 No	1.28	Thermal Discharging
TWL083	122	'601957530_/601957578'	3.33		3.33	0.43	0.4	3.33	1 No	0.4	Element Fault
TWL083	123	'4754912_/4754909'		10	10	1.28	10	10	2.99 No	1.28	Thermal Discharging
TWL083	124	'9551227_/9551244_1'		10	10	1.28	3.1	10	2.99 No	1.28	Thermal Discharging
TWL083	125	'4736415_/4754892'		10	10	1.28	10	10	2.99 No	1.28	Thermal Discharging
TWL083	126	'601957466_/601957482'	3.33		3.33	0.43	0.4	3.33	1 No	0.4	Element Fault
TWL083	127	'4754932_/4754929'		10	10	1.28	10	10	2.99 No	1.28	Thermal Discharging
TWL083	128	'4736381_/4754872_2'		10	10	1.28	10	10	2.99 No	1.28	Thermal Discharging
TWL083	129	'43569212_/4754872_1'		10	10	1.28	10	10	2.99 No	1.28	Thermal Discharging
TWL083	130	'8295993_/8295990'		10	10	1.28	3.4	10	2.99 No	1.28	Thermal Discharging
TWL083	131	'4736398_/4736412'		10	10	1.28	10	10	2.99 No	1.28	Thermal Discharging
TWL083	132	'7343006_/9550202_1'		10	10	1.28	1.5	10	2.99 No	1.28	Thermal Discharging
TWL083	133	'43569238_/4754946'		10	10	1.28	10	10	2.99 No	1.28	Thermal Discharging
TWL083	134	'9235732_/9551204_1'		10	10	1.28	1.5	10	2.99 No	1.28	Thermal Discharging
TWL083	135	'4736364_/4736378'		10	10	1.28	10	10	2.99 No	1.28	Thermal Discharging
TWL083	136	'43569199_/43569201'		10	10	1.28	10	10	2.99 No	1.28	Thermal Discharging
TWL083	137	'9550205_/9550202_2'		10	10	1.28	1.5	10	2.99 No	1.28	Thermal Discharging
TWL083	138	'4736363_/4736361'		10	10	1.28	10	10	2.99 No	1.28	Thermal Discharging
TWL083	139	'7980589_/8295276_1'		10	10	1.28	1.4	10	2.99 No	1.28	Thermal Discharging
TWL083	140	'4745021_/4745035'		10	10	1.28	10	10	2.99 No	1.28	Thermal Discharging
TWL083	141	'54323706_/54323648_1'		10	10	1.28	1.4	10	2.99 No	1.28	Thermal Discharging
TWL083	142	'4745020_/4745018'		10	10	1.28	10	10	2.99 No	1.28	Thermal Discharging
TWL083	143	'7979645_/9551204_2'		10	10	1.28	1.5	10	2.99 No	1.28	Thermal Discharging
TWL083	144	'7979646_/7979643'		10	10	1.28	1.5	10	2.99 No	1.28	Thermal Discharging
TWL083	145	'4753011_/4753025'		10	10	1.28	10	10	2.99 No	1.28	Thermal Discharging
TWL083	146	'8295279_/8295276_2'		10	10	1.28	1.4	10	2.99 No	1.28	Thermal Discharging
TWL083	147	'4752994_/4753008'		10	10	1.28	10	10	2.99 No	1.28	Thermal Discharging
TWL083	148	'467370258_/467370171_1'		10	10	1.28	5.4	10	2.99 No	1.28	Thermal Discharging
TWL083	149	'4752993_/4752991'		10	10	1.28	10	10	2.99 No	1.28	Thermal Discharging
TWL083	150	'7305256_/8295492_1'		10	10	1.28	1.5	10	2.99 No	1.28	Thermal Discharging
TWL083	151	'4753045_/4753059'		10	10	1.28	10	10	2.99 No	1.28	Thermal Discharging
TWL083	152	'4753044_/4753042'		10	10	1.28	10	10	2.99 No	1.28	Thermal Discharging
TWL083	153	'7661239_/7661237_1'		10	10	1.28	1.5	10	2.99 No	1.28	Thermal Discharging
TWL083	154	'8921842_/55680326'		10	10	1.28	1.4	10	2.99 No	1.28	Thermal Discharging
TWL083	155	'54323641_/54323648_2'		10	10	1.28	1.4	10	2.99 No	1.28	Thermal Discharging
TWL083	156	'4753079_/4753093'		10	10	1.28	10	10	2.99 No	1.28	Thermal Discharging
TWL083	157	'601957498_/601957514'	3.33		3.33	0.43	0.4	3.33	1 No	0.4	Element Fault
TWL083	158	'7980953_/7980951_1'		10	10	1.28	1.4	10	2.99 No	1.28	Thermal Discharging
TWL083	159	'7981467_/9551244_2'		10	10	1.28	3.1	10	2.99 No	1.28	Thermal Discharging
TWL083	160	'4753078_/4753076'		10	10	1.28	10	10	2.99 No	1.28	Thermal Discharging
TWL083	161	'601958236_/601957546_1'	3.33		3.33	0.43	0.4	3.33	1 No	0.4	Element Fault
TWL083	162	'4753112_/4753110'		10	10	1.28	10	10	2.99 No	1.28	Thermal Discharging
TWL083	163	'4752791_/4752941'		10	10	1.28	10	10	2.99 No	1.28	Thermal Discharging
TWL083	164	'4752808_/4752805'		10	10	1.28	10	10	2.99 No	1.28	Thermal Discharging
TWL083	165	'4752664_/4752788'		10	10	1.28	10	10	2.99 No	1.28	Thermal Discharging
TWL083	166	'7661240_/7661237_2'		10	10	1.28	1.5	10	2.99 No	1.28	Thermal Discharging
TWL083	167	'4753383_/4753397'		10	10	1.28	10	10	2.99 No	1.28	Thermal Discharging
TWL083	168	'4752757_/4752771'		10	10	1.28	10	10	2.99 No	1.28	Thermal Discharging
TWL083	169	'4752825_/4752822_1'		10	10	1.28	10	10	2.99 No	1.28	Thermal Discharging
TWL083	170	'43572429_/4753380'		10	10	1.28	10	10	2.99 No	1.28	Thermal Discharging
TWL083	171	'467370147_/467370171_2'		10	10	1.28	5.4	10	2.99 No	1.28	Thermal Discharging
TWL083	172	'4752561_/4752754'		10	10	1.28	10	10	2.99 No	1.28	Thermal Discharging
TWL083	173	'7980954_/7980951_2'		10	10	1.28	1.4	10	2.99 No	1.28	Thermal Discharging
TWL083	174	'4752560_/4752558'		10	10	1.28	10	10	2.99 No	1.28	Thermal Discharging
TWL083	175	'4752490_/4753363'		10	10	1.28	10	10	2.99 No	1.28	Thermal Discharging
TWL083	176	'43572312_/4752575'		10	10	1.28	10	10	2.99 No	1.28	Thermal Discharging
TWL083	177	'7517273_/44055226_2'		10	10	1.28	10	10	2.99 No	1.28	Thermal Discharging
TWL083	178	'44055224_/44055226_1'		10	10	1.28	10	10	2.99 No	1.28	Thermal Discharging
TWL083	179	'8295495_/8295492_2'		10	10	1.28	1.5	10	2.99 No	1.28	Thermal Discharging
TWL083	180	'8295535_/8295856'		10	10	1.28	1.5	10	2.99 No	1.28	Thermal Discharging
TWL083	181	'4752489_/4752487_2'		10	10	1.28	10	10	2.99 No	1.28	Thermal Discharging
TWL083	182	'43572416_/4752487_1'		10	10	1.28	10	10	2.99 No	1.28	Thermal Discharging
TWL083	183	'7517272_/8114868_2'		10	10	1.28	5.4	10	2.99 No	1.28	Thermal Discharging
TWL083	184	'43572260_/43572262'		10	10	1.28	10	10	2.99 No	1.28	Thermal Discharging
TWL083	185	'4752456_/4752470'		10	10	1.28	10	10	2.99 No	1.28	Thermal Discharging
TWL083	186	'211764267_/7660751_2'		10	10	1.28	5.3	10	2.99 No	1.28	Thermal Discharging
TWL083	187	'4752455_/4752453'		10	10	1.28	10	10	2.99 No	1.28	Thermal Discharging
TWL083	188	'4753278_/4753292'		10	10	1.28	10	10	2.99 No	1.28	Thermal Discharging
TWL083	189	'4753147_/4753161'		10	10	1.28	10	10	2.99 No	1.28	Thermal Discharging
TWL083	190	'4753261_/4753275'		10	10	1.28	10	10	2.99 No	1.28	Thermal Discharging
TWL083	191	'7305276_/7981047_1'		10	10	1.28	1.4	10	2.99 No	1.28	Thermal Discharging
TWL083	192	'4752382_/4753144'		10	10	1.28	10	10	2.99 No	1.28	Thermal Discharging
TWL083	193	'4736713_/4753258'		10	10	1.28	10	10	2.99 No	1.28	Thermal Discharging
TWL083	194	'4752359_/43572570_2'		10	10	1.28	3.4	10	2.99 No	1.28	Thermal Discharging
TWL083	195	'8295515_/8295532'		10	10	1.28	1.5	10	2.99 No	1.28	Thermal Discharging
TWL083	196	'4754572_/4754586'		10	10	1.28	10	10	2.99 No	1.28	Thermal Discharging
TWL083	197	'4736712_/4736710'		10	10	1.28	10	10	2.99 No	1.28	Thermal Discharging
TWL083	198	'65103663_/7981465_1'		10	10	1.28	3.4	10	2.99 No	1.28	Thermal Discharging
TWL083	199	'4754571_/4754677_1'		10	10	1.28	1.4	10	2.99 No	1.28	Thermal Discharging
TWL083	200	'4736732_/4736730'		10	10	1.28	10	10	2.99 No	1.28	Thermal Discharging
TWL083	201	'55577868_/4754620'		10	10	1.28	10	10	2.99 No	1.28	Thermal Discharging
TWL083	202	'43572568_/43572570_1'		10	10	1.28	1.4	10	2.99 No	1.28	Thermal Discharging
TWL083	203	'4743290_/55577886'		10	10	1.28	10	10	2.99 No	1.28	Thermal Discharging
TWL083	204	'57934840_/4736764'		10	10	1.28	10	10	2.99 No	1.28	Thermal Discharging
TWL083	205	'7981050_/7981047_2'		10	10	1.28	1.4	10	2.99 No	1.28	Thermal Discharging
TWL083	206	'64513113_/55577946_1'		10	10	1.28	1.4	10	2.99 No	1.28	Thermal Discharging
TWL083	207	'4736784_/57934837'		10	10	1.28	10	10	2.99 No	1.28	Thermal Discharging
TWL083	208	'4758098_/4758095'		10	10	1.28	10	10	2.99 No	1.28	Thermal Discharging
TWL083	209	'8295514_/8295512'		10	10	1.28	1.5	10	2.99 No	1.28	Thermal Discharging
TWL083	210	'211764219_/4754677_2'		10	10	1.28	1.4	10	2.99 No	1.28	Thermal Discharging
TWL083	211	'4743273_/4743287'		10	10	1.28	10	10	2.99 No	1.28	Thermal Discharging
TWL083	212	'7484943_/8114868_1'		10	10	1.28	3.4	10	2.99 No	1.28	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TWL083	213	'4758080_/4758112'		10	10	10	1.28	10	10	2.99 No	1.28 Thermal Discharging
TWL083	214	'7191233_/7191250_1'		10	10	10	1.28	1.4	10	2.99 No	1.28 Thermal Discharging
TWL083	215	'55577939_/55577946_2'		10	10	10	1.28	1.4	10	2.99 No	1.28 Thermal Discharging
TWL083	216	'4726451_/4743270'		10	10	10	1.28	10	10	2.99 No	1.28 Thermal Discharging
TWL083	217	'7343212_/7343209_2'		10	10	10	1.28	4.2	10	2.99 No	1.28 Thermal Discharging
TWL083	218	'4754640_/211764223_1'		10	10	10	1.28	1.4	10	2.99 No	1.28 Thermal Discharging
TWL083	219	'4726412_/4726448'	6.67		6.67	6.67	0.85	3	6.67	1.99 No	0.85 Thermal Discharging
TWL083	220	'4743239_/4743253'		10	10	10	1.28	10	10	2.99 No	1.28 Thermal Discharging
TWL083	221	'4743222_/4743236'		10	10	10	1.28	10	10	2.99 No	1.28 Thermal Discharging
TWL083	222	'7660754_/7660751_1'		10	10	10	1.28	3.3	10	2.99 No	1.28 Thermal Discharging
TWL083	223	'43566904_/43566906'		10	10	10	1.28	10	10	2.99 No	1.28 Thermal Discharging
TWL083	224	'7980934_/9550568'		10	10	10	1.28	1.5	10	2.99 No	1.28 Thermal Discharging
TWL083	225	'4726434_/4726431_2'		10	10	10	1.28	4.5	10	2.99 No	1.28 Thermal Discharging
TWL083	226	'4743205_/4743219'		10	10	10	1.28	10	10	2.99 No	1.28 Thermal Discharging
TWL083	227	'7980933_/7980931_1'		10	10	10	1.28	1.4	10	2.99 No	1.28 Thermal Discharging
TWL083	228	'43566892_/4726410'	6.67		6.67	6.67	0.85	0.9	6.67	1.99 No	0.85 Thermal Discharging
TWL083	229	'52360511_/7191250_2'		10	10	10	1.28	1.4	10	2.99 No	1.28 Thermal Discharging
TWL083	230	'398350858_/9193717'		10	10	10	1.28	3.3	10	2.99 No	1.28 Thermal Discharging
TWL083	231	'4743185_/4743202'		10	10	10	1.28	10	10	2.99 No	1.28 Thermal Discharging
TWL083	232	'7343211_/7343209_1'		10	10	10	1.28	1.1	10	2.99 No	1.1 Element Fault
TWL083	233	'398350946_/398350965'		10	10	10	1.28	3.3	10	2.99 No	1.28 Thermal Discharging
TWL083	234	'8600760_/8600758_1'		10	10	10	1.28	1.5	10	2.99 No	1.28 Thermal Discharging
TWL083	235	'398350902_/398350991'		10	10	10	1.28	3.3	10	2.99 No	1.28 Thermal Discharging
TWL083	236	'43566879_/43566881'		10	10	10	1.28	10	10	2.99 No	1.28 Thermal Discharging
TWL083	237	'4743184_/7979823_2'		10	10	10	1.28	10	10	2.99 No	1.28 Thermal Discharging
TWL083	238	'4726413_/43566894'	6.67		6.67	6.67	0.85	0.9	6.67	1.99 No	0.85 Thermal Discharging
TWL083	239	'4752342_/4752356'		10	10	10	1.28	1.4	10	2.99 No	1.28 Thermal Discharging
TWL083	240	'4754639_/211764223_2'		10	10	10	1.28	1.4	10	2.99 No	1.28 Thermal Discharging
TWL083	241	'7343480_/7484940'		10	10	10	1.28	3.4	10	2.99 No	1.28 Thermal Discharging
TWL083	242	'8600761_/8600758_2'		10	10	10	1.28	1.5	10	2.99 No	1.28 Thermal Discharging
TWL083	243	'4726390_/4726431_1'		10	10	10	1.28	1.5	10	2.99 No	1.28 Thermal Discharging
TWL083	244	'8295707_/8295704'		10	10	10	1.28	1.1	10	2.99 No	1.1 Element Fault
TWL083	245	'37834680_/7979823_1'		10	10	10	1.28	10	10	2.99 No	1.28 Thermal Discharging
TWL083	246	'402754091_/37834677'		10	10	10	1.28	10	10	2.99 No	1.28 Thermal Discharging
TWL083	247	'37834659_/37834663'		10	10	10	1.28	10	10	2.99 No	1.28 Thermal Discharging
TWL083	248	'37834694_/37834691'		10	10	10	1.28	4.5	10	2.99 No	1.28 Thermal Discharging
TWL083	249	'7342542_/7342539'		10	10	10	1.28	10	10	2.99 No	1.28 Thermal Discharging
TWL083	250	'7343460_/7343477'		10	10	10	1.28	3.4	10	2.99 No	1.28 Thermal Discharging
TWL083	251	'142204829_/7343457'		10	10	10	1.28	3.4	10	2.99 No	1.28 Thermal Discharging
TWL083	252	'142204903_/142204921'		10	10	10	1.28	3.4	10	2.99 No	1.28 Thermal Discharging
TWL083	253	'142204866_/142204939'		10	10	10	1.28	3.4	10	2.99 No	1.28 Thermal Discharging
TWL083	254	'4726377_/4726387'		10	10	10	1.28	1.5	10	2.99 No	1.28 Thermal Discharging
TWL083	255	'7977995_/7977993_2'		10	10	10	1.28	1.5	10	2.99 No	1.28 Thermal Discharging
TWL083	256	'37834785_/8919761'		10	10	10	1.28	4.5	10	2.99 No	1.28 Thermal Discharging
TWL083	257	'37834750_/37834782'		10	10	10	1.28	4.5	10	2.99 No	1.28 Thermal Discharging
TWL083	258	'37834743_/37834747'		10	10	10	1.28	4.5	10	2.99 No	1.28 Thermal Discharging
TWL083	259	'37834771_/37834775'		10	10	10	1.28	4.5	10	2.99 No	1.28 Thermal Discharging
TWL083	260	'37834757_/37834754'		10	10	10	1.28	4.5	10	2.99 No	1.28 Thermal Discharging
TWL083	261	'8293061_/7977993_1'		10	10	10	1.28	0.9	10	2.99 No	0.9 Element Fault
TWL083	262	'402755478_/9549714'		10	10	10	1.28	4.5	10	2.99 No	1.28 Thermal Discharging
TWL083	263	'9545513_/9545510'		10	10	10	1.28	1.5	10	2.99 No	1.28 Thermal Discharging
TWL083	264	'7343459_/142204871'		10	10	10	1.28	3.4	10	2.99 No	1.28 Thermal Discharging
TWL083	265	'8293060_/8293058'		10	10	10	1.28	0.9	10	2.99 No	0.9 Element Fault
TWL083	266	'470200285_/456807801'	3.33		3.33	3.33	0.43	1.4	3.33	1 No	0.43 Thermal Discharging
TWL083	267	'470200272_/462010225'	3.33		3.33	3.33	0.43	1.4	3.33	1 No	0.43 Thermal Discharging
TWL083	268	'470200277_/462010209'	3.33		3.33	3.33	0.43	0.3	3.33	1 No	0.3 Element Fault
TWL083	269	'470200273_/462010201'	3.33		3.33	3.33	0.43	1.4	3.33	1 No	0.43 Thermal Discharging
TWL083	270	'470200281_/462010217'	3.33		3.33	3.33	0.43	0.3	3.33	1 No	0.3 Element Fault
TWL083	271	'4726364_/4726374'	3.33		3.33	3.33	0.43	0.5	3.33	1 No	0.43 Thermal Discharging
TWL083	272	'7978016_/8600726_1'	3.33		3.33	3.33	0.43	0.3	3.33	1 No	0.3 Element Fault
TWL083	273	'9193720_/398350906'		10	10	10	1.28	3.3	10	2.99 No	1.28 Thermal Discharging
TWL083	274	'7828297_/9235770'		10	10	10	1.28	3.4	10	2.99 No	1.28 Thermal Discharging
TWL083	275	'7340917_/454980768'		10	10	10	1.28	4.5	10	2.99 No	1.28 Thermal Discharging
TWL083	276	'8294773_/8294770'		10	10	10	1.28	10	10	2.99 No	1.28 Thermal Discharging
TWL083	277	'7340938_/7656107'	6.67		6.67	6.67	0.85	3	6.67	1.99 No	0.85 Thermal Discharging
TWL083	278	'462008876_/445415246'	3.33		3.33	3.33	0.43	0.3	3.33	1 No	0.3 Element Fault
TWL083	279	'8600728_/8600726_2'	3.33		3.33	3.33	0.43	0.3	3.33	1 No	0.3 Element Fault
TWL083	280	'4726351_/4726361'	3.33		3.33	3.33	0.43	0.5	3.33	1 No	0.43 Thermal Discharging
TWL083	281	'7661444_/7828294'		10	10	10	1.28	3.4	10	2.99 No	1.28 Thermal Discharging
TWL083	282	'7661443_/7661441'		10	10	10	1.28	3.4	10	2.99 No	1.28 Thermal Discharging
TWL083	283	'8880781_/8880778'		10	10	10	1.28	10	10	2.99 No	1.28 Thermal Discharging
TWL083	284	'7661463_/7661461'		10	10	10	1.28	3.4	10	2.99 No	1.28 Thermal Discharging
TWL083	285	'9234934_/9234932'		10	10	10	1.28	4.5	10	2.99 No	1.28 Thermal Discharging
TWL083	286	'7981029_/9550624'		10	10	10	1.28	3.3	10	2.99 No	1.28 Thermal Discharging
TWL083	287	'67285164_/67285167'		10	10	10	1.28	3.4	10	2.99 No	1.28 Thermal Discharging
TWL083	288	'67285204_/67285224'		10	10	10	1.28	3.4	10	2.99 No	1.28 Thermal Discharging
TWL083	289	'67285128_/67285211'		10	10	10	1.28	3.4	10	2.99 No	1.28 Thermal Discharging
TWL083	290	'7981528_/7981525'		10	10	10	1.28	3.4	10	2.99 No	1.28 Thermal Discharging
TWL083	291	'4726338_/4726348'	3.33		3.33	3.33	0.43	0.5	3.33	1 No	0.43 Thermal Discharging
TWL083	292	'9383816_/9383814'		10	10	10	1.28	3.4	10	2.99 No	1.28 Thermal Discharging
TWL083	293	'462008837_/462008895'	3.33		3.33	3.33	0.43	0.3	3.33	1 No	0.3 Element Fault
TWL083	294	'7661222_/9551304'		10	10	10	1.28	3.4	10	2.99 No	1.28 Thermal Discharging
TWL083	295	'7977976_/9545474'		10	10	10	1.28	4.5	10	2.99 No	1.28 Thermal Discharging
TWL083	296	'8604205_/9550684'		10	10	10	1.28	10	10	2.99 No	1.28 Thermal Discharging
TWL083	297	'7661221_/7661219'		10	10	10	1.28	3.4	10	2.99 No	1.28 Thermal Discharging
TWL083	298	'7660794_/7981027'		10	10	10	1.28	3.3	10	2.99 No	1.28 Thermal Discharging
TWL083	299	'9550666_/9550664'		10	10	10	1.28	3.4	10	2.99 No	1.28 Thermal Discharging
TWL083	300	'7343192_/8604202'		10	10	10	1.28	10	10	2.99 No	1.28 Thermal Discharging
TWL083	301	'4726325_/4726335'	3.33		3.33	3.33	0.43	0.5	3.33	1 No	0.43 Thermal Discharging
TWL083	302	'7343191_/7343189'		10	10	10	1.28	10	10	2.99 No	1.28 Thermal Discharging
TWL083	303	'7660793_/7660791'		10	10	10	1.28	3.3	10	2.99 No	1.28 Thermal Discharging
TWL083	304	'7656058_/7977973'		10	10	10	1.28	4.5	10	2.99 No	1.28 Thermal Discharging
TWL083	305	'462008798_/462008856'	3.33		3.33	3.33	0.43	0.3	3.33	1 No	0.3 Element Fault
TWL083	306	'4726309_/4726322'	3.33		3.33	3.33	0.43	0.5	3.33	1 No	0.43 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over- Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TWL083	307	'460731266___/43566870'	3.33	3.33	3.33	0.43	0.5	3.33	1 No	0.43	Thermal Discharging
TWL083	308	'4726308___/460731268'	3.33	3.33	3.33	0.43	0.5	3.33	1 No	0.43	Thermal Discharging
TWL083	309	'460731174___/460731116'	3.33	3.33	3.33	0.43	0.5	3.33	1 No	0.43	Thermal Discharging
TWL083	310	'460731179___/460731176'	3.33	3.33	3.33	0.43	0.5	3.33	1 No	0.43	Thermal Discharging
TWL083	311	'460731544___/460731312_1'	3.33	3.33	3.33	0.43	0.3	3.33	1 No	0.3	Element Fault
TWL083	312	'9550607___/9550644'	7	10	10	1.28	3.3	10	2.99 No	1.28	Thermal Discharging
TWL083	313	'37834645___/37834649'	2.93	6.27	6.67	0.85	0.6	6.67	1.99 No	0.6	Element Fault
TWL083	314	'7484962___/9550604'	6.7	10	10	1.28	3.3	10	2.99 No	1.28	Thermal Discharging
TWL083	315	'7484963___/9689910_1'	6.6	10	10	1.28	3.4	10	2.99 No	1.28	Thermal Discharging
TWL083	316	'37836794___/8880758'	4.5	9.6	10	1.28	0.9	10	2.99 No	0.9	Element Fault
TWL083	317	'37834630___/37836798'	4.5	9.6	10	1.28	0.9	10	2.99 No	0.9	Element Fault
TWL083	318	'402753994___/402754029'	4.5	9.6	10	1.28	0.9	10	2.99 No	0.9	Element Fault
TWL083	319	'37834631___/37834628'	4.5	9.6	10	1.28	0.9	10	2.99 No	0.9	Element Fault
TWL083	320	'7980853___/7980851'	10	10	10	1.28	1.1	10	2.99 No	1.1	Element Fault
TWL083	321	'54375074___/7661401'	3	6.33	6.67	0.85	0.6	6.67	1.99 No	0.6	Element Fault
TWL083	322	'255519188___/9545454'	4.6	9.7	10	1.28	0.9	10	2.99 No	0.9	Element Fault
TWL083	323	'7343424___/54375107'	3	5.93	6.67	0.85	0.6	6.67	1.99 No	0.6	Element Fault
TWL083	324	'255519232___/255519275'	4.6	9.8	10	1.28	0.9	10	2.99 No	0.9	Element Fault
TWL083	325	'460731683___/460731312_2'	3.33	3.33	3.33	0.43	0.3	3.33	1 No	0.3	Element Fault
TWL083	326	'362585918___/7980871_1'	10	10	10	1.28	1.1	10	2.99 No	1.1	Element Fault
TWL083	327	'454980980___/454980999'	1.87	3.33	3.33	0.43	0.3	3.2	1 No	0.3	Element Fault
TWL083	328	'7340937___/7340935'	3.33	3.33	3.33	0.43	1.5	3.06	1 No	0.43	Thermal Discharging
TWL083	329	'7656129___/7656127'	3.33	3.33	3.33	0.43	1.5	3.06	1 No	0.43	Thermal Discharging
TWL083	330	'37834735___/255519237'	5	10	10	1.28	0.9	9.67	2.99 No	0.9	Element Fault
TWL083	331	'37834729___/37834796'	5	10	10	1.28	0.9	9.67	2.99 No	0.9	Element Fault
TWL083	332	'402754219___/402754216'	5	10	10	1.28	0.9	9.64	2.99 No	0.9	Element Fault
TWL083	333	'402754212___/402754209'	5	10	10	1.28	0.9	9.64	2.99 No	0.9	Element Fault
TWL083	334	'7656145___/7978029'	3.33	3.33	3.33	0.43	1.5	3.03	1 No	0.43	Thermal Discharging
TWL083	335	'454981143___/454981162'	1.73	3.33	3.33	0.43	0.3	3.17	1 No	0.3	Element Fault
TWL083	336	'7656146___/7656143'	3.33	3.33	3.33	0.43	1.5	3.02	1 No	0.43	Thermal Discharging
TWL083	337	'7980182___/8603108'	3.33	3.33	3.33	0.43	1.5	3.02	1 No	0.43	Thermal Discharging
TWL083	338	'54375136___/7305309'	2.27	4.93	6.67	0.85	0.6	6.33	1.99 No	0.6	Element Fault
TWL083	339	'454981222___/454981232'	1.6	3.33	3.33	0.43	0.3	3.11	1 No	0.3	Element Fault
TWL083	340	'7342698___/7980179'	3.33	3.33	3.33	0.43	1.5	2.95	1 No	0.43	Thermal Discharging
TWL083	341	'8921630___/9549882'	3.33	3.33	3.33	0.43	1.5	2.94	1 No	0.43	Thermal Discharging
TWL083	342	'462008764___/462008778'	1.47	3.13	3.33	0.43	0.3	3.03	1 No	0.3	Element Fault
TWL083	343	'456807011___/462008817_1'	1.3	2.93	3.33	0.43	0.3	2.92	1 No	0.3	Element Fault
TWL083	344	'324072893___/7342695'	3.33	3.33	3.33	0.43	1.5	2.74	1 No	0.43	Thermal Discharging
TWL083	345	'7656041___/8919673'	3.33	3.33	3.33	0.43	0.3	2.69	1 No	0.3	Element Fault
TWL083	346	'7656042___/7656039'	3.33	3.33	3.33	0.43	0.3	2.7	1 No	0.3	Element Fault
TWL083	347	'8744087___/8744084'	3.33	3.33	3.33	0.43	1.5	2.64	1 No	0.43	Thermal Discharging
TWL083	348	'37834708___/324072828'	3.33	3.33	3.33	0.43	1.5	2.63	1 No	0.43	Thermal Discharging
TWL083	349	'7656075___/8919709'	3.33	3.33	3.33	0.43	1.5	2.55	1 No	0.43	Thermal Discharging
TWL083	350	'54375105___/54375076'	3.33	3.33	3.33	0.43	0.3	2.56	1 No	0.3	Element Fault
TWL083	351	'324072934___/7656073'	3.33	3.33	3.33	0.43	1.5	2.53	1 No	0.43	Thermal Discharging
TWL083	352	'7654229___/8295118'	3.33	3.33	3.33	0.43	1.5	2.52	1 No	0.43	Thermal Discharging
TWL083	353	'7654230___/7654227'	3.33	3.33	3.33	0.43	1.5	2.5	1 No	0.43	Thermal Discharging
TWL083	354	'7469597___/8293078'	3.33	3.33	3.33	0.43	1.5	2.5	1 No	0.43	Thermal Discharging
TWL083	355	'7343423___/7343421'	3.33	3.33	3.33	0.43	0.3	2.49	1 No	0.3	Element Fault
TWL083	356	'8029508___/8029505'	3.33	3.33	3.33	0.43	1.5	2.45	1 No	0.43	Thermal Discharging
TWL083	357	'7656093___/8600742'	3.33	3.33	3.33	0.43	1.5	2.45	1 No	0.43	Thermal Discharging
TWL083	358	'7656094___/7656091'	3.33	3.33	3.33	0.43	1.5	2.45	1 No	0.43	Thermal Discharging
TWL083	359	'54375218___/54375244'	3.33	3.33	3.33	0.43	0.3	2.45	1 No	0.3	Element Fault
TWL083	360	'8029528___/8029525'	3.33	3.33	3.33	0.43	1.5	2.44	1 No	0.43	Thermal Discharging
TWL083	361	'8744050___/8744048'	3.33	3.33	3.33	0.43	1.5	2.44	1 No	0.43	Thermal Discharging
TWL083	362	'8922167___/9376926'	3.33	3.33	3.33	0.43	1.5	2.42	1 No	0.43	Thermal Discharging
TWL083	363	'8295759___/8295756'	3.33	3.33	3.33	0.43	0.3	2.42	1 No	0.3	Element Fault
TWL083	364	'9061341___/9550588'	3.33	3.33	3.33	0.43	1.5	2.39	1 No	0.43	Thermal Discharging
TWL083	365	'7978052___/7978049'	3.33	3.33	3.33	0.43	1.5	2.39	1 No	0.43	Thermal Discharging
TWL083	366	'7656161___/8919745'	3.33	3.33	3.33	0.43	1.5	2.39	1 No	0.43	Thermal Discharging
TWL083	367	'7656162___/7656159'	3.33	3.33	3.33	0.43	1.5	2.38	1 No	0.43	Thermal Discharging
TWL083	368	'8922323___/9550760'	3.33	3.33	3.33	0.43	0.3	2.38	1 No	0.3	Element Fault
TWL083	369	'9061342___/9061339'	3.33	3.33	3.33	0.43	1.5	2.35	1 No	0.43	Thermal Discharging
TWL083	370	'8427299___/9688896'	3.33	3.33	3.33	0.43	1.5	2.35	1 No	0.43	Thermal Discharging
TWL083	371	'8603738___/8922165'	3.33	3.33	3.33	0.43	1.5	2.34	1 No	0.43	Thermal Discharging
TWL083	372	'7342697___/9234970'	3.33	3.33	3.33	0.43	1.5	2.33	1 No	0.43	Thermal Discharging
TWL083	373	'324072815___/8921627_1'	3.33	3.33	3.33	0.43	1.5	2.33	1 No	0.43	Thermal Discharging
TWL083	374	'54375206___/54375225'	3.33	3.33	3.33	0.43	0.3	2.32	1 No	0.3	Element Fault
TWL083	375	'9193795___/8922321'	3.33	3.33	3.33	0.43	0.3	2.31	1 No	0.3	Element Fault
TWL083	376	'37834722___/37834726'	3.33	3.33	3.33	0.43	0.3	2.31	1 No	0.3	Element Fault
TWL083	377	'8427298___/8427296'	1.63	3.33	3.33	0.43	1.5	2.28	1 No	0.43	Thermal Discharging
TWL083	378	'7305311___/9193793'	3.33	3.33	3.33	0.43	0.3	2.28	1 No	0.3	Element Fault
TWL083	379	'54375172___/54375138'	3.33	3.33	3.33	0.43	0.3	2.27	1 No	0.3	Element Fault
TWL083	380	'8603723___/8922149'	1.43	3.27	3.33	0.43	1.5	2.25	1 No	0.43	Thermal Discharging
TWL083	381	'7981013___/8603736_1'	1.13	2.67	3.33	0.43	1.5	2.24	1 No	0.43	Thermal Discharging
TWL083	382	'7305312___/54375174'	3.33	3.33	3.33	0.43	0.3	2.25	1 No	0.3	Element Fault
TWL083	383	'9193684___/9550468'	3.33	3.33	3.33	0.43	0.3	2.22	1 No	0.3	Element Fault
TWL083	384	'9193668___/9193681'	3.33	3.33	3.33	0.43	0.3	2.21	1 No	0.3	Element Fault
TWL083	385	'8922076___/9193665'	3.33	3.33	3.33	0.43	0.3	2.21	1 No	0.3	Element Fault
TWL083	386	'8603707___/8603720'	1.23	2.87	3.33	0.43	1.5	2.18	1 No	0.43	Thermal Discharging
TWL083	387	'7981014___/8603704'	1.17	2.77	3.33	0.43	1.5	2.17	1 No	0.43	Thermal Discharging
TWL083	388	'7305118___/8922073'	3.33	3.33	3.33	0.43	0.3	2.15	1 No	0.3	Element Fault
TWL083	389	'8295727___/8295740'	3.33	3.33	3.33	0.43	0.3	2.14	1 No	0.3	Element Fault
TWL083	390	'7305117___/8295724'	3.33	3.33	3.33	0.43	0.3	2.13	1 No	0.3	Element Fault
TWL083	391	'7341052___/7979451_2'	0.93	2.6	3.33	0.43	0.3	2.11	1 No	0.3	Element Fault
TWL083	392	'4708360___/7979451_1'	0.93	2.6	3.33	0.43	0.3	2.11	1 No	0.3	Element Fault
TWL083	393	'4708321___/4726492'	0.9	2.5	3.33	0.43	0.3	2.08	1 No	0.3	Element Fault
TWL083	394	'8293117___/8293130_1'	0.9	2.5	3.33	0.43	0.2	2.07	1 No	0.2	Element Fault
TWL083	395	'7654146___/8922201'	3.33	3.33	3.33	0.43	0.3	2.06	1 No	0.3	Element Fault
TWL083	396	'7654130___/7654143'	3.33	3.33	3.33	0.43	0.3	2.06	1 No	0.3	Element Fault
TWL083	397	'7654129___/7654127'	3.33	3.33	3.33	0.43	0.3	2.06	1 No	0.3	Element Fault
TWL083	398	'4708320___/4708318'	0.9	2.47	3.33	0.43	0.3	2.04	1 No	0.3	Element Fault
TWL083	399	'37834806___/8293130_2'	0.87	2.37	3.33	0.43	0.2	2.04	1 No	0.2	Element Fault
TWL083	400	'37834813___/37834810'	0.87	2.37	3.33	0.43	0.2	2.04	1 No	0.2	Element Fault

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TWL083	401	'37834834_/37834838'	0.87	2.37	3.33	0.43	0.2	2.03	1 No	0.2	Element Fault
TWL083	402	'37834820_/37834817'	0.87	2.37	3.33	0.43	0.2	2.03	1 No	0.2	Element Fault
TWL083	403	'37834848_/37834845'	0.87	2.37	3.33	0.43	0.2	2.04	1 No	0.2	Element Fault
TWL083	404	'4726466_/4726479'	0.87	2.4	3.33	0.43	0.3	2.02	1 No	0.3	Element Fault
TWL083	405	'8293148_/8293146'	0.87	2.33	3.33	0.43	0.2	2.01	1 No	0.2	Element Fault
TWL083	406	'4708346_/4726463'	0.83	2.33	3.33	0.43	0.3	1.99	1 No	0.3	Element Fault
TWL083	407	'4708347_/8919813_1'	0.83	2.33	3.33	0.43	0.3	1.99	1 No	0.3	Element Fault
TWL083	408	'9235041_/9235038'	0.83	2.27	3.33	0.43	0.2	1.99	1 No	0.2	Element Fault
TWL083	409	'7341020_/7341017_1'	0.83	2.33	3.33	0.43	0.3	1.99	1 No	0.3	Element Fault
TWL083	410	'7656210_/8919813_2'	0.83	2.3	3.33	0.43	0.3	1.98	1 No	0.3	Element Fault
TWL083	411	'8295975_/9235676'	1.1	3.33	3.33	0.43	0.3	1.98	1 No	0.3	Element Fault
TWL083	412	'9235663_/9551172'	1.1	3.33	3.33	0.43	0.3	1.97	1 No	0.3	Element Fault
TWL083	413	'8295974_/9235660'	1.1	3.33	3.33	0.43	0.3	1.97	1 No	0.3	Element Fault
TWL083	414	'7340972_/482902411'	0.8	2.17	3.33	0.43	0.2	1.96	1 No	0.2	Element Fault
TWL083	415	'9235024_/486425635'	0.8	2.17	3.33	0.43	0.2	1.97	1 No	0.2	Element Fault
TWL083	416	'37836318_/9551152'	1	3.33	3.33	0.43	0.3	1.93	1 No	0.3	Element Fault
TWL083	417	'37836290_/37836315'	1	3.33	3.33	0.43	0.3	1.93	1 No	0.3	Element Fault
TWL083	418	'7340987_/482902436'	0.77	2.1	3.33	0.43	0.2	1.93	1 No	0.2	Element Fault
TWL083	419	'7341004_/7341017_2'	0.77	2.13	3.33	0.43	0.3	1.92	1 No	0.3	Element Fault
TWL083	420	'360254954_/359923743_1'	0.67	1.8	3.33	0.43	0.3	1.92	1 No	0.3	Element Fault
TWL083	421	'9237637_/9237650'	0.73	2.07	3.33	0.43	0.2	1.93	1 No	0.2	Element Fault
TWL083	422	'7656209_/7656207'	0.77	2.07	3.33	0.43	0.3	1.9	1 No	0.3	Element Fault
TWL083	423	'500356556_/500356576'	0.73	2	3.33	0.43	0.2	1.9	1 No	0.2	Element Fault
TWL083	424	'37836422_/482902453'	0.7	1.97	3.33	0.43	0.2	1.88	1 No	0.2	Element Fault
TWL083	425	'8919784_/8919797'	0.73	2	3.33	0.43	0.3	1.88	1 No	0.3	Element Fault
TWL083	426	'9237636_/9237634'	0.7	1.93	3.33	0.43	0.2	1.87	1 No	0.2	Element Fault
TWL083	427	'8919783_/8919781'	0.7	1.93	3.33	0.43	0.3	1.85	1 No	0.3	Element Fault
TWL083	428	'7656193_/486425584'	0.67	1.8	3.33	0.43	0.2	1.82	1 No	0.2	Element Fault
TWL083	429	'360254888_/9235070'	0.67	1.83	3.33	0.43	0.3	1.8	1 No	0.3	Element Fault
TWL083	430	'7340956_/9235006'	0.63	1.77	3.33	0.43	0.2	1.79	1 No	0.2	Element Fault
TWL083	431	'7340955_/7340953'	0.6	1.7	3.33	0.43	0.2	1.76	1 No	0.2	Element Fault
TWL083	432	'9234993_/7656175'	0.6	1.67	3.33	0.43	0.2	1.74	1 No	0.2	Element Fault
TWL089	0	'TWL089_/7730135'	10	10	10	1.97	10	10	10 No	1.97	Thermal Discharging
TWL089	1	'7730137_/7730135'	10	10	10	1.97	10	10	3.37 No	1.97	Thermal Discharging
TWL089	2	'8678665_/8678662'	10	10	10	1.97	10	10	3.37 No	1.97	Thermal Discharging
TWL089	3	'8366096_/9310084'	10	10	10	1.97	10	10	3.37 No	1.97	Thermal Discharging
TWL089	4	'8366097_/8366094'	10	10	10	1.97	10	10	3.37 No	1.97	Thermal Discharging
TWL089	5	'7730357_/8366114'	10	10	10	1.97	10	10	3.37 No	1.97	Thermal Discharging
TWL089	6	'7416073_/7730355'	10	10	10	1.97	10	10	3.37 No	1.97	Thermal Discharging
TWL089	7	'7416074_/7416071'	10	10	10	1.97	10	10	3.37 No	1.97	Thermal Discharging
TWL089	8	'7730077_/7730075'	10	10	10	1.97	10	10	3.37 No	1.97	Thermal Discharging
TWL089	9	'8366037_/8366034'	9.4	10	10	1.97	10	10	3.37 No	1.97	Thermal Discharging
TWL089	10	'7416133_/9622613'	8.4	10	10	1.97	10	10	3.37 No	1.97	Thermal Discharging
TWL089	11	'7416134_/7416131'	7.7	10	10	1.97	10	10	3.37 No	1.97	Thermal Discharging
TWL089	12	'7399065_/8110654'	7.1	10	10	1.97	10	10	3.37 No	1.97	Thermal Discharging
TWL089	13	'7399064_/7399062'	6.8	10	10	1.97	10	10	3.37 No	1.97	Thermal Discharging
TWL089	14	'8656379_/8656376'	6.3	10	10	1.97	10	10	3.37 No	1.97	Thermal Discharging
TWL089	15	'9289627_/9289725'	6	10	10	1.97	10	10	3.37 No	1.97	Thermal Discharging
TWL089	16	'8976423_/9289625'	5.7	10	10	1.97	10	10	3.37 No	1.97	Thermal Discharging
TWL089	17	'7712395_/8976421'	5.6	10	10	1.97	10	10	3.37 No	1.97	Thermal Discharging
TWL089	18	'7712396_/7712393'	5.4	10	10	1.97	10	10	3.37 No	1.97	Thermal Discharging
TWL089	19	'7712556_/9604299'	5.2	10	10	1.97	10	10	3.37 No	1.97	Thermal Discharging
TWL089	20	'8035224_/7712553'	4.7	10	10	1.97	10	10	3.37 No	1.97	Thermal Discharging
TWL089	21	'8332426_/8976321'	4.5	10	10	1.97	10	10	3.37 No	1.97	Thermal Discharging
TWL089	22	'8332427_/8332424'	4.4	10	10	1.97	10	10	3.37 No	1.97	Thermal Discharging
TWL089	23	'8332527_/9604239'	4.3	9.8	10	1.97	10	10	3.37 No	1.97	Thermal Discharging
TWL089	24	'8332526_/8332524'	4.2	9.4	10	1.97	10	10	3.37 No	1.97	Thermal Discharging
TWL089	25	'8035204_/9604259'	4.1	9.1	10	1.97	10	10	3.37 No	1.97	Thermal Discharging
TWL089	26	'7398825_/8035201'	4	8.9	10	1.97	10	10	3.37 No	1.97	Thermal Discharging
TWL089	27	'7398824_/7398822'	4	8.7	10	1.97	10	10	3.37 No	1.97	Thermal Discharging
TWL089	28	'7398905_/7398902'	3.9	8.5	10	1.97	10	10	3.37 No	1.97	Thermal Discharging
TWL089	29	'8656158_/9289605'	3.9	8.2	10	1.97	10	10	3.37 No	1.97	Thermal Discharging
TWL089	30	'7712355_/8656156'	3.8	7.9	10	1.97	10	10	3.37 No	1.97	Thermal Discharging
TWL089	31	'7712356_/7712353'	3.7	7.7	10	1.97	10	10	3.37 No	1.97	Thermal Discharging
TWL089	32	'8341018_/9589471'	3.7	7.5	10	1.97	10	10	3.37 No	1.97	Thermal Discharging
TWL089	33	'51911776_/51911778'	3.4	6.5	10	1.97	10	9.04	3.37 No	1.97	Thermal Discharging
TWL089	34	'51911840_/51911905'	3.4	6.4	10	1.97	10	8.88	3.37 No	1.97	Thermal Discharging
TWL089	35	'404458119_/51911844'	3.4	6.4	10	1.97	10	8.88	3.37 No	1.97	Thermal Discharging
TWL089	36	'51911828_/51911826'	3.4	6.4	10	1.97	10	8.88	3.37 No	1.97	Thermal Discharging
TWL089	37	'51911816_/51911820'	3.4	6.4	10	1.97	1.1	8.88	3.37 No	1.1	Element Fault
TWL089	38	'51911852_/51911850'	3.4	6.4	10	1.97	10	8.88	3.37 No	1.97	Thermal Discharging
TWL089	39	'51912336_/51912338'	3.3	6	10	1.97	10	8.48	3.37 No	1.97	Thermal Discharging
TWL089	40	'154730217_/51911949_2'	3.3	6	10	1.97	10	8.43	3.37 No	1.97	Thermal Discharging
TWL089	41	'51911943_/51911949_1'	3.3	6	10	1.97	10	8.42	3.37 No	1.97	Thermal Discharging
TWL089	42	'5427735_/5427732'	3.3	6	10	1.97	10	8.36	3.37 No	1.97	Thermal Discharging
TWL089	43	'55749023_/55749030'	3.1	5.9	10	1.97	1.1	8.35	3.37 No	1.1	Element Fault
TWL089	44	'5427751_/5427851'	3.3	5.9	10	1.97	10	8.28	3.37 No	1.97	Thermal Discharging
TWL089	45	'43710696_/5427749'	3.3	5.9	10	1.97	10	8.24	3.37 No	1.97	Thermal Discharging
TWL089	46	'5427752_/43710698'	3.2	5.8	10	1.97	10	8.21	3.37 No	1.97	Thermal Discharging
TWL089	47	'521243191_/521243102_2'	1.1	1.93	3.33	0.66	1.4	2.73	1.12 No	0.66	Thermal Discharging
TWL089	48	'5427414_/5427868'	3.2	5.8	10	1.97	10	8.15	3.37 No	1.97	Thermal Discharging
TWL089	49	'5427338_/5427411'	3.2	5.7	10	1.97	10	8.05	3.37 No	1.97	Thermal Discharging
TWL089	50	'5425950_/5427335'	3.2	5.7	10	1.97	10	7.96	3.37 No	1.97	Thermal Discharging
TWL089	51	'5425949_/5425947'	3.2	5.6	10	1.97	10	7.84	3.37 No	1.97	Thermal Discharging
TWL089	52	'468334439_/450555209_2'	3.2	5.5	10	1.97	5.4	7.81	3.37 No	1.97	Thermal Discharging
TWL089	53	'5433670_/5433684'	3.2	5.5	10	1.97	10	7.74	3.37 No	1.97	Thermal Discharging
TWL089	54	'568441841_/568441782_1'	3.2	5.5	10	1.97	1.5	7.73	3.37 No	1.5	Element Fault
TWL089	55	'5433669_/5433667'	3.2	5.4	10	1.97	10	7.66	3.37 No	1.97	Thermal Discharging
TWL089	56	'150155728_/9682788_3'	3.2	5.4	10	1.97	10	7.64	3.37 No	1.97	Thermal Discharging
TWL089	57	'9604926_/568441782_2'	3.1	5.4	10	1.97	1.5	7.66	3.37 No	1.5	Element Fault
TWL089	58	'5433653_/5433651_1'	1.07	1.8	3.33	0.66	0.5	2.54	1.12 No	0.5	Element Fault
TWL089	59	'7399192_/450555209_1'	3.1	5.4	10	1.97	1.6	7.62	3.37 No	1.6	Element Fault
TWL089	60	'5425907_/5433651_2'	1.07	1.77	3.33	0.66	0.5	2.49	1.12 No	0.5	Element Fault
TWL089	61	'9283712_/9682788_2'	3	5	10	1.97	10	7.1	3.37 No	1.97	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TWL089	62	'5233453_/9682788_1'	3	5	10	1.97	10	7.09	3.37 No	1.97	Thermal Discharging
TWL089	63	'43709315_/5425905'	1	1.67	3.33	0.66	0.5	2.37	1.12 No	0.5	Element Fault
TWL089	64	'5233436_/5233450'	3	4.9	10	1.97	10	7.04	3.37 No	1.97	Thermal Discharging
TWL089	65	'43671068_/5234061'	3	4.9	10	1.97	10	7.03	3.37 No	1.97	Thermal Discharging
TWL089	66	'5233777_/5233774_2'	1	1.63	3.33	0.66	1.2	2.34	1.12 No	0.66	Thermal Discharging
TWL089	67	'5233419_/5233433'	3	4.9	10	1.97	10	7	3.37 No	1.97	Thermal Discharging
TWL089	68	'5233978_/5233991_3'	1	1.63	3.33	0.66	1.2	2.33	1.12 No	0.66	Thermal Discharging
TWL089	69	'5233401_/5233416'	3	4.9	10	1.97	10	6.93	3.37 No	1.97	Thermal Discharging
TWL089	70	'5233977_/5233991_2'	1	1.63	3.33	0.66	0.5	2.32	1.12 No	0.5	Element Fault
TWL089	71	'5233761_/5233774_1'	1	1.6	3.33	0.66	0.5	2.31	1.12 No	0.5	Element Fault
TWL089	72	'5233698_/5233712'	3	4.8	10	1.97	10	6.89	3.37 No	1.97	Thermal Discharging
TWL089	73	'43671031_/5233399'	3	4.8	10	1.97	10	6.87	3.37 No	1.97	Thermal Discharging
TWL089	74	'43671044_/43671046'	3	4.8	10	1.97	10	6.86	3.37 No	1.97	Thermal Discharging
TWL089	75	'5233681_/5233695'	3	4.8	10	1.97	10	6.84	3.37 No	1.97	Thermal Discharging
TWL089	76	'5425921_/5425918'	0.97	1.6	3.33	0.66	0.5	2.3	1.12 No	0.5	Element Fault
TWL089	77	'5233402_/43671033'	2.9	4.8	10	1.97	10	6.81	3.37 No	1.97	Thermal Discharging
TWL089	78	'5234038_/5234035_2'	1	1.6	3.33	0.66	1.2	2.27	1.12 No	0.66	Thermal Discharging
TWL089	79	'43671007_/43671009'	3	4.7	10	1.97	10	6.78	3.37 No	1.97	Thermal Discharging
TWL089	80	'5233644_/5233661'	2.9	4.7	10	1.97	10	6.73	3.37 No	1.97	Thermal Discharging
TWL089	81	'5233643_/5233641'	2.9	4.7	10	1.97	10	6.7	3.37 No	1.97	Thermal Discharging
TWL089	82	'61698040_/53821365_1'	2.9	4.7	10	1.97	1.3	6.7	3.37 No	1.3	Element Fault
TWL089	83	'5233748_/5233758'	1	1.57	3.33	0.66	0.5	2.25	1.12 No	0.5	Element Fault
TWL089	84	'5425937_/5425934'	0.97	1.57	3.33	0.66	0.5	2.25	1.12 No	0.5	Element Fault
TWL089	85	'5233816_/5233991_1'	1	1.57	3.33	0.66	0.5	2.25	1.12 No	0.5	Element Fault
TWL089	86	'5233931_/5233928'	2.9	4.6	10	1.97	10	6.64	3.37 No	1.97	Thermal Discharging
TWL089	87	'53821388_/53821365_2'	2.9	4.6	10	1.97	1.3	6.65	3.37 No	1.3	Element Fault
TWL089	88	'5233897_/5233911'	2.9	4.6	10	1.97	10	6.64	3.37 No	1.97	Thermal Discharging
TWL089	89	'5247136_/5247133'	2.9	4.6	10	1.97	10	6.6	3.37 No	1.97	Thermal Discharging
TWL089	90	'53821470_/53821402_1'	2.9	4.6	10	1.97	1.3	6.62	3.37 No	1.3	Element Fault
TWL089	91	'5233896_/5233894'	2.9	4.6	10	1.97	10	6.6	3.37 No	1.97	Thermal Discharging
TWL089	92	'7392942_/7392940_1'	2.9	4.6	10	1.97	1.5	6.58	3.37 No	1.5	Element Fault
TWL089	93	'5236997_/5236975'	2.9	4.6	10	1.97	10	6.55	3.37 No	1.97	Thermal Discharging
TWL089	94	'5233947_/5247150'	2.9	4.6	10	1.97	10	6.55	3.37 No	1.97	Thermal Discharging
TWL089	95	'66695411_/8024556_1'	2.9	4.6	10	1.97	10	6.54	3.37 No	1.97	Thermal Discharging
TWL089	96	'7392943_/7392940_2'	2.9	4.6	10	1.97	1.5	6.54	3.37 No	1.5	Element Fault
TWL089	97	'43671081_/5234081'	0.97	1.53	3.33	0.66	0.5	2.2	1.12 No	0.5	Element Fault
TWL089	98	'5233948_/5233945'	2.8	4.6	10	1.97	10	6.5	3.37 No	1.97	Thermal Discharging
TWL089	99	'8649604_/9283217_1'	2.8	4.6	10	1.97	0.9	6.49	3.37 No	0.9	Element Fault
TWL089	100	'5233495_/5234035_1'	1	1.5	3.33	0.66	0.5	2.18	1.12 No	0.5	Element Fault
TWL089	101	'43671057_/5234048'	0.97	1.5	3.33	0.66	0.5	2.19	1.12 No	0.5	Element Fault
TWL089	102	'43671114_/5234094'	2.8	4.5	10	1.97	10	6.45	3.37 No	1.97	Thermal Discharging
TWL089	103	'5233802_/5233800_1'	0.93	1.5	3.33	0.66	0.5	2.15	1.12 No	0.5	Element Fault
TWL089	104	'43671127_/43671129'	0.97	1.5	3.33	0.66	0.5	2.18	1.12 No	0.5	Element Fault
TWL089	105	'5247183_/5247180'	2.8	4.5	10	1.97	10	6.41	3.37 No	1.97	Thermal Discharging
TWL089	106	'8024559_/8024556_2'	2.9	4.5	10	1.97	10	6.4	3.37 No	1.97	Thermal Discharging
TWL089	107	'37903110_/37903107'	2.9	4.5	10	1.97	10	6.4	3.37 No	1.97	Thermal Discharging
TWL089	108	'37903103_/37903114'	2.9	4.5	10	1.97	10	6.4	3.37 No	1.97	Thermal Discharging
TWL089	109	'37903082_/37903100'	2.9	4.5	10	1.97	10	6.4	3.37 No	1.97	Thermal Discharging
TWL089	110	'37903124_/37903121'	2.9	4.5	10	1.97	5.1	6.4	3.37 No	1.97	Thermal Discharging
TWL089	111	'8024451_/37903128'	2.9	4.5	10	1.97	5.1	6.4	3.37 No	1.97	Thermal Discharging
TWL089	112	'37903089_/37903086'	2.9	4.5	10	1.97	10	6.4	3.37 No	1.97	Thermal Discharging
TWL089	113	'37903075_/37903079'	2.9	4.5	10	1.97	10	6.4	3.37 No	1.97	Thermal Discharging
TWL089	114	'53466912_/37903072'	2.9	4.5	10	1.97	10	6.4	3.37 No	1.97	Thermal Discharging
TWL089	115	'43671149_/7093511'	0.9	1.5	3.33	0.66	0.5	2.16	1.12 No	0.5	Element Fault
TWL089	116	'5247169_/5247167_1'	0.93	1.5	3.33	0.66	0.5	2.12	1.12 No	0.5	Element Fault
TWL089	117	'5247200_/5247197'	2.8	4.4	10	1.97	10	6.36	3.37 No	1.97	Thermal Discharging
TWL089	118	'5247230_/5247227'	2.8	4.4	10	1.97	10	6.32	3.37 No	1.97	Thermal Discharging
TWL089	119	'5247247_/5247262_1'	1.87	2.93	6.67	1.32	1.1	4.2	2.25 No	1.1	Element Fault
TWL089	120	'5233735_/5233745'	0.97	1.47	3.33	0.66	0.5	2.14	1.12 No	0.5	Element Fault
TWL089	121	'7705719_/7705737'	2.8	4.4	10	1.97	10	6.3	3.37 No	1.97	Thermal Discharging
TWL089	122	'5247283_/5247280'	2.7	4.4	10	1.97	10	6.26	3.37 No	1.97	Thermal Discharging
TWL089	123	'9283220_/9283217_2'	2.8	4.4	10	1.97	0.9	6.31	3.37 No	0.9	Element Fault
TWL089	124	'73567497_/43671151'	0.9	1.47	3.33	0.66	0.5	2.13	1.12 No	0.5	Element Fault
TWL089	125	'5247300_/5247297'	2.7	4.4	10	1.97	10	6.23	3.37 No	1.97	Thermal Discharging
TWL089	126	'5233803_/5233800_2'	0.93	1.47	3.33	0.66	0.5	2.09	1.12 No	0.5	Element Fault
TWL089	127	'7800824_/7800821_3'	2.7	4.4	10	1.97	10	6.22	3.37 No	1.97	Thermal Discharging
TWL089	128	'5247332_/5247347_1'	1.8	2.87	6.67	1.32	1	4.15	2.25 No	1	Element Fault
TWL089	129	'43672705_/5248001'	2.7	4.3	10	1.97	10	6.2	3.37 No	1.97	Thermal Discharging
TWL089	130	'5233815_/5233813'	0.93	1.43	3.33	0.66	0.5	2.11	1.12 No	0.5	Element Fault
TWL089	131	'150155698_/8968829_1'	0.87	1.43	3.33	0.66	0.5	2.11	1.12 No	0.5	Element Fault
TWL089	132	'5237108_/5247262_2'	1.8	2.87	6.67	1.32	1.1	4.14	2.25 No	1.1	Element Fault
TWL089	133	'5233828_/5247167_2'	0.93	1.43	3.33	0.66	0.5	2.07	1.12 No	0.5	Element Fault
TWL089	134	'5233618_/5233628'	0.93	1.43	3.33	0.66	0.5	2.09	1.12 No	0.5	Element Fault
TWL089	135	'5248004_/43672707'	2.7	4.3	10	1.97	10	6.16	3.37 No	1.97	Thermal Discharging
TWL089	136	'71668882_/5248059_3'	2.7	4.3	10	1.97	4.8	6.16	3.37 No	1.97	Thermal Discharging
TWL089	137	'432357339_/451793563'	2.8	4.3	10	1.97	10	6.16	3.37 No	1.97	Thermal Discharging
TWL089	138	'432357324_/432357337'	2.8	4.3	10	1.97	10	6.16	3.37 No	1.97	Thermal Discharging
TWL089	139	'432357431_/432357321'	2.8	4.3	10	1.97	5	6.16	3.37 No	1.97	Thermal Discharging
TWL089	140	'432357347_/432357345'	2.8	4.3	10	1.97	10	6.16	3.37 No	1.97	Thermal Discharging
TWL089	141	'432357331_/432357329'	2.8	4.3	10	1.97	10	6.16	3.37 No	1.97	Thermal Discharging
TWL089	142	'71668877_/5248059_2'	2.7	4.3	10	1.97	2.4	6.12	3.37 No	1.97	Thermal Discharging
TWL089	143	'5233734_/43671022'	0.93	1.43	3.33	0.66	0.5	2.09	1.12 No	0.5	Element Fault
TWL089	144	'5233496_/5233493'	0.93	1.4	3.33	0.66	0.5	2.07	1.12 No	0.5	Element Fault
TWL089	145	'5247317_/5247347_2'	1.8	2.8	6.67	1.32	1	4.06	2.25 No	1	Element Fault
TWL089	146	'5234051_/43671059'	0.9	1.4	3.33	0.66	0.5	2.07	1.12 No	0.5	Element Fault
TWL089	147	'5233376_/5233386'	0.93	1.4	3.33	0.66	0.5	2.06	1.12 No	0.5	Element Fault
TWL089	148	'432357599_/432357648'	2.7	4.2	10	1.97	10	6.08	3.37 No	1.97	Thermal Discharging
TWL089	149	'580742614_/580742618'	1.67	2.6	6.67	1.32	3.2	4.01	2.25 No	1.32	Thermal Discharging
TWL089	150	'7800823_/7800821_2'	2.6	4.2	10	1.97	10	6.02	3.37 No	1.97	Thermal Discharging
TWL089	151	'5237093_/5237105'	1.8	2.8	6.67	1.32	1.1	4.02	2.25 No	1.1	Element Fault
TWL089	152	'5247387_/5248059_1'	2.6	4.2	10	1.97	2.4	6.01	3.37 No	1.97	Thermal Discharging
TWL089	153	'5248082_/7800821_1'	2.6	4.2	10	1.97	10	6.01	3.37 No	1.97	Thermal Discharging
TWL089	154	'43673293_/43673295'	2.6	4.2	10	1.97	10	6	3.37 No	1.97	Thermal Discharging
TWL089	155	'5234084_/43671083'	0.9	1.4	3.33	0.66	0.5	2.04	1.12 No	0.5	Element Fault

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
											VSR (MW)	Limiting Threshold
TWL089	156	'111000982_/7489852_1'		2.6	4.2	10	1.97	1.6	5.98	3.37 No	1.6	Element Fault
TWL089	157	'432357846_/432357887'		2.7	4.2	10	1.97	5	6.02	3.37 No	1.97	Thermal Discharging
TWL089	158	'470163747_/470163736_1'		0.87	1.37	3.33	0.66	0.3	2	1.12 No	0.3	Element Fault
TWL089	159	'514660179_/514660165'		0.87	1.37	3.33	0.66	1.5	1.99	1.12 No	0.66	Thermal Discharging
TWL089	160	'5247059_/5247968'		2.6	4.1	10	1.97	10	5.94	3.37 No	1.97	Thermal Discharging
TWL089	161	'5235394_/5235391'		0.9	1.37	3.33	0.66	0.5	2	1.12 No	0.5	Element Fault
TWL089	162	'53821395_/53821402_2'		2.6	4.1	10	1.97	1.3	6.04	3.37 No	1.3	Element Fault
TWL089	163	'87641471_/69363378'		2.7	4.1	10	1.97	5.1	6.01	3.37 No	1.97	Thermal Discharging
TWL089	164	'87641428_/87641467'		2.7	4.1	10	1.97	5.1	6.01	3.37 No	1.97	Thermal Discharging
TWL089	165	'87641429_/87641425'		2.7	4.1	10	1.97	5.1	6.01	3.37 No	1.97	Thermal Discharging
TWL089	166	'87641443_/87641439'		2.7	4.1	10	1.97	5.1	6.01	3.37 No	1.97	Thermal Discharging
TWL089	167	'87641456_/87641460'		2.7	4.1	10	1.97	5.1	6.01	3.37 No	1.97	Thermal Discharging
TWL089	168	'5247041_/5247056'		2.6	4.1	10	1.97	10	5.92	3.37 No	1.97	Thermal Discharging
TWL089	169	'43673328_/5248035'		2.6	4.1	10	1.97	2.4	5.94	3.37 No	1.97	Thermal Discharging
TWL089	170	'5233829_/5233826'		0.9	1.37	3.33	0.66	0.5	1.98	1.12 No	0.5	Element Fault
TWL089	171	'5246695_/5247073'		2.6	4.1	10	1.97	10	5.89	3.37 No	1.97	Thermal Discharging
TWL089	172	'5247477_/5247456'		1.73	2.73	6.67	1.32	1.6	3.94	2.25 No	1.32	Thermal Discharging
TWL089	173	'43672994_/5246692'		2.6	4.1	10	1.97	10	5.87	3.37 No	1.97	Thermal Discharging
TWL089	174	'5247388_/5247385'		2.5	4.1	10	1.97	2.4	5.88	3.37 No	1.97	Thermal Discharging
TWL089	175	'8745195_/8745192_2'		0.87	1.37	3.33	0.66	1.4	1.95	1.12 No	0.66	Thermal Discharging
TWL089	176	'5246667_/5246675'		2.6	4.1	10	1.97	10	5.84	3.37 No	1.97	Thermal Discharging
TWL089	177	'5246601_/5246664'		2.6	4.1	10	1.97	10	5.83	3.37 No	1.97	Thermal Discharging
TWL089	178	'7392474_/470163736_2'		0.87	1.33	3.33	0.66	0.3	1.96	1.12 No	0.3	Element Fault
TWL089	179	'43670996_/43670998'		0.87	1.33	3.33	0.66	0.5	1.98	1.12 No	0.5	Element Fault
TWL089	180	'43671534_/43671536'		1.73	2.67	6.67	1.32	1.1	3.9	2.25 No	1.1	Element Fault
TWL089	181	'5246600_/5246598'		2.5	4	10	1.97	10	5.79	3.37 No	1.97	Thermal Discharging
TWL089	182	'5233375_/5233373'		0.87	1.33	3.33	0.66	0.5	1.98	1.12 No	0.5	Element Fault
TWL089	183	'8968816_/8968829_2'		0.83	1.33	3.33	0.66	0.5	1.98	1.12 No	0.5	Element Fault
TWL089	184	'5246638_/5246648_1'		0.83	1.33	3.33	0.66	0.5	1.92	1.12 No	0.5	Element Fault
TWL089	185	'38543848_/5246809_1'		2.5	4	10	1.97	1.5	5.77	3.37 No	1.5	Element Fault
TWL089	186	'5246542_/5246618'		2.5	4	10	1.97	10	5.74	3.37 No	1.97	Thermal Discharging
TWL089	187	'8649469_/69363596'		0.9	1.33	3.33	0.66	1.4	1.95	1.12 No	0.66	Thermal Discharging
TWL089	188	'7391810_/157258698'		2.6	4	10	1.97	5	5.82	3.37 No	1.97	Thermal Discharging
TWL089	189	'49250832_/5246809_2'		2.5	4	10	1.97	1.5	5.75	3.37 No	1.5	Element Fault
TWL089	190	'5246761_/5246758_2'		1.67	2.67	6.67	1.32	1	3.83	2.25 No	1	Element Fault
TWL089	191	'43672934_/5246539'		2.5	4	10	1.97	10	5.72	3.37 No	1.97	Thermal Discharging
TWL089	192	'5246572_/5246585_1'		0.83	1.33	3.33	0.66	0.5	1.9	1.12 No	0.5	Element Fault
TWL089	193	'5247405_/5247402'		2.5	3.9	10	1.97	2.4	5.74	3.37 No	1.97	Thermal Discharging
TWL089	194	'43671103_/5233839'		0.87	1.3	3.33	0.66	0.5	1.92	1.12 No	0.5	Element Fault
TWL089	195	'5246466_/5246522'		2.5	3.9	10	1.97	10	5.66	3.37 No	1.97	Thermal Discharging
TWL089	196	'5233592_/5233602'		0.87	1.3	3.33	0.66	0.5	1.94	1.12 No	0.5	Element Fault
TWL089	197	'5247368_/43673330'		2.5	3.9	10	1.97	2.4	5.72	3.37 No	1.97	Thermal Discharging
TWL089	198	'73763303_/8342751'		2.6	3.9	10	1.97	10	5.72	3.37 No	1.97	Thermal Discharging
TWL089	199	'403594597_/73763300'		2.6	3.9	10	1.97	10	5.71	3.37 No	1.97	Thermal Discharging
TWL089	200	'5246432_/5246463'		2.5	3.9	10	1.97	10	5.64	3.37 No	1.97	Thermal Discharging
TWL089	201	'73763261_/73763265'		2.6	3.9	10	1.97	4.8	5.71	3.37 No	1.97	Thermal Discharging
TWL089	202	'73763275_/73763272'		2.6	3.9	10	1.97	5	5.71	3.37 No	1.97	Thermal Discharging
TWL089	203	'5247492_/5247489'		1.6	2.6	6.67	1.32	1.6	3.8	2.25 No	1.32	Thermal Discharging
TWL089	204	'5246397_/5246429'		2.5	3.9	10	1.97	10	5.62	3.37 No	1.97	Thermal Discharging
TWL089	205	'5246483_/5246496_1'		0.83	1.3	3.33	0.66	0.5	1.88	1.12 No	0.5	Element Fault
TWL089	206	'5237063_/5237075'		1.67	2.6	6.67	1.32	1.1	3.79	2.25 No	1.1	Element Fault
TWL089	207	'5246558_/5246585_2'		0.83	1.3	3.33	0.66	0.5	1.88	1.12 No	0.5	Element Fault
TWL089	208	'8969037_/470163784'		0.83	1.3	3.33	0.66	0.3	1.89	1.12 No	0.3	Element Fault
TWL089	209	'43672971_/5246648_2'		0.83	1.3	3.33	0.66	0.5	1.88	1.12 No	0.5	Element Fault
TWL089	210	'505463005_/5246412_2'		2.4	3.9	10	1.97	10	5.58	3.37 No	1.97	Thermal Discharging
TWL089	211	'5233359_/5233480'		0.83	1.3	3.33	0.66	0.5	1.91	1.12 No	0.5	Element Fault
TWL089	212	'580742621_/580742601'		2.5	3.9	10	1.97	4.8	5.64	3.37 No	1.97	Thermal Discharging
TWL089	213	'5247422_/5247419'		2.4	3.8	10	1.97	2.4	5.62	3.37 No	1.97	Thermal Discharging
TWL089	214	'5233535_/5233545'		0.83	1.27	3.33	0.66	0.5	1.9	1.12 No	0.5	Element Fault
TWL089	215	'76632554_/69363617_1'		0.63	0.93	3.33	0.66	0.8	1.89	1.12 No	0.63	Primary Over-Voltage
TWL089	216	'44968454_/5246776'		0.8	1.27	3.33	0.66	0.4	1.86	1.12 No	0.4	Element Fault
TWL089	217	'243496800_/157323210'		2.5	3.8	10	1.97	5	5.63	3.37 No	1.97	Thermal Discharging
TWL089	218	'5246499_/5246496_2'		0.83	1.27	3.33	0.66	0.5	1.83	1.12 No	0.5	Element Fault
TWL089	219	'7489855_/7489852_2'		2.4	3.8	10	1.97	1.6	5.53	3.37 No	1.6	Element Fault
TWL089	220	'5233855_/43671105'		0.83	1.27	3.33	0.66	0.5	1.85	1.12 No	0.5	Element Fault
TWL089	221	'5237048_/5237060'		1.6	2.53	6.67	1.32	1.1	3.68	2.25 No	1.1	Element Fault
TWL089	222	'8745194_/8745192_1'		0.8	1.27	3.33	0.66	0.5	1.83	1.12 No	0.5	Element Fault
TWL089	223	'8968815_/8968813'		0.77	1.23	3.33	0.66	0.5	1.87	1.12 No	0.5	Element Fault
TWL089	224	'5233360_/5233357'		0.83	1.23	3.33	0.66	0.5	1.85	1.12 No	0.5	Element Fault
TWL089	225	'8341002_/521243102_1'		0.73	1.23	3.33	0.66	0.5	1.89	1.12 No	0.5	Element Fault
TWL089	226	'5247439_/5247436'		2.3	3.7	10	1.97	2.4	5.49	3.37 No	1.97	Thermal Discharging
TWL089	227	'5247510_/5247507'		1.53	2.47	6.67	1.32	1.6	3.65	2.25 No	1.32	Thermal Discharging
TWL089	228	'8432577_/8432574'		2.4	3.7	10	1.97	1.6	5.48	3.37 No	1.6	Element Fault
TWL089	229	'5233591_/5233589'		0.8	1.23	3.33	0.66	0.5	1.85	1.12 No	0.5	Element Fault
TWL089	230	'5246743_/5246758_1'		1.53	2.47	6.67	1.32	1	3.63	2.25 No	1	Element Fault
TWL089	231	'69362748_/69363505'		2.4	3.7	10	1.97	5.1	5.49	3.37 No	1.97	Thermal Discharging
TWL089	232	'69362711_/69362745'		2.4	3.7	10	1.97	5.1	5.49	3.37 No	1.97	Thermal Discharging
TWL089	233	'69362724_/69362721'		0.8	1.23	3.33	0.66	0.8	1.83	1.12 No	0.66	Thermal Discharging
TWL089	234	'69362712_/69362709'		1.6	2.47	6.67	1.32	1.6	3.66	2.25 No	1.32	Thermal Discharging
TWL089	235	'69362735_/69362739'		2.4	3.7	10	1.97	5.1	5.49	3.37 No	1.97	Thermal Discharging
TWL089	236	'8969506_/8969503'		2.3	3.7	10	1.97	1.6	5.43	3.37 No	1.6	Element Fault
TWL089	237	'8024334_/369137444'		2.4	3.7	10	1.97	5	5.42	3.37 No	1.97	Thermal Discharging
TWL089	238	'5247606_/5247603'		2.3	3.7	10	1.97	2.4	5.42	3.37 No	1.97	Thermal Discharging
TWL089	239	'8343230_/461287858'		0.77	1.23	3.33	0.66	0.3	1.81	1.12 No	0.3	Element Fault
TWL089	240	'50722571_/5234189'		0.8	1.23	3.33	0.66	0.5	1.83	1.12 No	0.5	Element Fault
TWL089	241	'644553626_/644553671'		2.4	3.7	10	1.97	4.8	5.41	3.37 No	1.97	Thermal Discharging
TWL089	242	'644553609_/644553613'		2.4	3.7	10	1.97	4.8	5.41	3.37 No	1.97	Thermal Discharging
TWL089	243	'43672960_/5246556'		0.83	1.2	3.33	0.66	0.5	1.78	1.12 No	0.5	Element Fault
TWL089	244	'5246512_/5246509'		0.83	1.2	3.33	0.66	0.5	1.78	1.12 No	0.5	Element Fault
TWL089	245	'5237030_/5237045'		1.53	2.4	6.67	1.32	1.1	3.58	2.25 No	1.1	Element Fault
TWL089	246	'9246715_/9246713'		2.3	3.6	10	1.97	1.6	5.38	3.37 No	1.6	Element Fault
TWL089	247	'5233522_/5233532'		0.8	1.2	3.33	0.66	0.5	1.82	1.12 No	0.5	Element Fault
TWL089	248	'516393701_/43672646'		2.3	3.6	10	1.97	2.4	5.38	3.37 No	1.97	Thermal Discharging
TWL089	249	'5234192_/8342365_2'		0.8	1.2	3.33	0.66	0.5	1.82	1.12 No	0.5	Element Fault

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
											VSR (MW)	Limiting Threshold
TWL089	250	'5247591_/_5247570'		1.53	2.4	6.67	1.32	1.6	3.58	2.25 No	1.32	Thermal Discharging
TWL089	251	'644553402_/_644553630'		2.4	3.6	10	1.97	4.8	5.36	3.37 No	1.97	Thermal Discharging
TWL089	252	'516393780_/_516393736_1'		2.3	3.6	10	1.97	1.5	5.36	3.37 No	1.5	Element Fault
TWL089	253	'5246712_/_5246740'		1.53	2.4	6.67	1.32	1	3.55	2.25 No	1	Element Fault
TWL089	254	'5247525_/_5247522'		1.53	2.4	6.67	1.32	1.6	3.56	2.25 No	1.32	Thermal Discharging
TWL089	255	'43672669_/_5247537'		1.53	2.4	6.67	1.32	1.6	3.55	2.25 No	1.32	Thermal Discharging
TWL089	256	'5233871_/_5233868'		0.8	1.2	3.33	0.66	0.5	1.78	1.12 No	0.5	Element Fault
TWL089	257	'8342368_/_8342365_1'		0.8	1.2	3.33	0.66	0.3	1.8	1.12 No	0.3	Element Fault
TWL089	258	'644553464_/_644553496'		2.3	3.6	10	1.97	4.8	5.32	3.37 No	1.97	Thermal Discharging
TWL089	259	'5247621_/_516393705'		2.2	3.6	10	1.97	2.4	5.31	3.37 No	1.97	Thermal Discharging
TWL089	260	'34499707_/_44079709'		0.77	1.2	3.33	0.66	0.5	1.76	1.12 No	0.5	Element Fault
TWL089	261	'5247558_/_43672671'		1.47	2.4	6.67	1.32	1.6	3.52	2.25 No	1.32	Thermal Discharging
TWL089	262	'43672681_/_5247669'		1.47	2.4	6.67	1.32	1.6	3.52	2.25 No	1.32	Thermal Discharging
TWL089	263	'43672983_/_43672973'		0.8	1.2	3.33	0.66	0.5	1.75	1.12 No	0.5	Element Fault
TWL089	264	'9283483_/_9283481'		0.73	1.2	3.33	0.66	0.5	1.79	1.12 No	0.5	Element Fault
TWL089	265	'8025214_/_9597575'		2.3	3.5	10	1.97	5.1	5.3	3.37 No	1.97	Thermal Discharging
TWL089	266	'5233469_/_5233881'		0.8	1.17	3.33	0.66	0.5	1.76	1.12 No	0.5	Element Fault
TWL089	267	'8025650_/_9597955'		2.3	3.5	10	1.97	1.6	5.25	3.37 No	1.6	Element Fault
TWL089	268	'5247687_/_43672683'		1.47	2.33	6.67	1.32	1.6	3.49	2.25 No	1.32	Thermal Discharging
TWL089	269	'5237015_/_5237027'		1.47	2.33	6.67	1.32	1.1	3.49	2.25 No	1.1	Element Fault
TWL089	270	'644553760_/_644553480'		2.3	3.5	10	1.97	4.8	5.25	3.37 No	1.97	Thermal Discharging
TWL089	271	'644553755_/_37903324'		2.3	3.5	10	1.97	4.8	5.25	3.37 No	1.97	Thermal Discharging
TWL089	272	'644553764_/_37903345'		2.3	3.5	10	1.97	4.8	5.24	3.37 No	1.97	Thermal Discharging
TWL089	273	'644553825_/_398899818'		2.3	3.5	10	1.97	4.8	5.24	3.37 No	1.97	Thermal Discharging
TWL089	274	'644553756_/_37903317'		2.3	3.5	10	1.97	4.8	5.24	3.37 No	1.97	Thermal Discharging
TWL089	275	'644553846_/_8342419'		2.3	3.5	10	1.97	4.8	5.23	3.37 No	1.97	Thermal Discharging
TWL089	276	'644553894_/_8342399'		2.3	3.5	10	1.97	4.8	5.22	3.37 No	1.97	Thermal Discharging
TWL089	277	'438439696_/_8025648'		2.2	3.5	10	1.97	1.6	5.19	3.37 No	1.6	Element Fault
TWL089	278	'516393665_/_516393736_2'		2.2	3.5	10	1.97	1.5	5.19	3.37 No	1.5	Element Fault
TWL089	279	'5247636_/_5247699'		1.47	2.33	6.67	1.32	1.6	3.45	2.25 No	1.32	Thermal Discharging
TWL089	280	'8342858_/_461287821'		0.73	1.17	3.33	0.66	0.3	1.73	1.12 No	0.3	Element Fault
TWL089	281	'8342291_/_69363401'		0.77	1.17	3.33	0.66	0.8	1.73	1.12 No	0.66	Thermal Discharging
TWL089	282	'7705981_/_7705979_1'		0.57	0.87	3.33	0.66	0.3	1.72	1.12 No	0.3	Element Fault
TWL089	283	'9597828_/_9597841_1'		0.73	1.17	3.33	0.66	0.3	1.71	1.12 No	0.3	Element Fault
TWL089	284	'43670985_/_43670987'		0.77	1.13	3.33	0.66	0.5	1.73	1.12 No	0.5	Element Fault
TWL089	285	'8024355_/_369137467'		2.3	3.4	10	1.97	5	5.15	3.37 No	1.97	Thermal Discharging
TWL089	286	'5246559_/_43672962'		0.77	1.13	3.33	0.66	0.5	1.69	1.12 No	0.5	Element Fault
TWL089	287	'7391710_/_243496816'		2.3	3.4	10	1.97	5	5.14	3.37 No	1.97	Thermal Discharging
TWL089	288	'241747747_/_69363548_2'		0.8	1.13	3.33	0.66	0.8	1.71	1.12 No	0.66	Thermal Discharging
TWL089	289	'43670885_/_43670887'		1.47	2.27	6.67	1.32	1.1	3.38	2.25 No	1.1	Element Fault
TWL089	290	'5233009_/_69363548_1'		0.8	1.13	3.33	0.66	0.8	1.71	1.12 No	0.66	Thermal Discharging
TWL089	291	'43672901_/_43672903'		1.4	2.27	6.67	1.32	1	3.37	2.25 No	1	Element Fault
TWL089	292	'8737737_/_9597337'		0.7	1.13	3.33	0.66	0.5	1.71	1.12 No	0.5	Element Fault
TWL089	293	'39665887_/_49987670'		0.7	1.13	3.33	0.66	0.5	1.68	1.12 No	0.5	Element Fault
TWL089	294	'43671092_/_5233467'		0.77	1.13	3.33	0.66	0.5	1.68	1.12 No	0.5	Element Fault
TWL089	295	'9597844_/_9597841_2'		0.7	1.13	3.33	0.66	0.3	1.68	1.12 No	0.3	Element Fault
TWL089	296	'7706091_/_69363532'		0.73	1.1	3.33	0.66	0.8	1.68	1.12 No	0.66	Thermal Discharging
TWL089	297	'43671558_/_43671560'		1.4	2.2	6.67	1.32	1.6	3.31	2.25 No	1.32	Thermal Discharging
TWL089	298	'7391522_/_398899867'		2.2	3.3	10	1.97	4.8	4.97	3.37 No	1.97	Thermal Discharging
TWL089	299	'5246651_/_43672985'		0.73	1.1	3.33	0.66	0.5	1.64	1.12 No	0.5	Element Fault
TWL089	300	'45165456_/_5233506'		0.73	1.1	3.33	0.66	0.5	1.67	1.12 No	0.5	Element Fault
TWL089	301	'5233038_/_5233053'		1.4	2.2	6.67	1.32	1.1	3.29	2.25 No	1.1	Element Fault
TWL089	302	'43670874_/_43670876'		0.77	1.1	3.33	0.66	0.8	1.66	1.12 No	0.66	Thermal Discharging
TWL089	303	'7392408_/_157433320'		2.2	3.3	10	1.97	5	4.97	3.37 No	1.97	Thermal Discharging
TWL089	304	'8025651_/_438439656'		2	3.2	10	1.97	1.6	4.92	3.37 No	1.6	Element Fault
TWL089	305	'5212746_/_5233022'		0.77	1.1	3.33	0.66	0.8	1.65	1.12 No	0.66	Thermal Discharging
TWL089	306	'478121659_/_478121642_2'		0.77	1.1	3.33	0.66	0.8	1.64	1.12 No	0.66	Thermal Discharging
TWL089	307	'8025006_/_369137486'		2.1	3.3	10	1.97	5	4.9	3.37 No	1.97	Thermal Discharging
TWL089	308	'5233037_/_5233035'		1.4	2.2	6.67	1.32	1.1	3.25	2.25 No	1.1	Element Fault
TWL089	309	'69652293_/_7134991_1'		1.33	2.13	6.67	1.32	1	3.22	2.25 No	1	Element Fault
TWL089	310	'8117236_/_7134991_2'		1.33	2.13	6.67	1.32	1	3.22	2.25 No	1	Element Fault
TWL089	311	'5233470_/_43671094'		0.7	1.07	3.33	0.66	0.5	1.62	1.12 No	0.5	Element Fault
TWL089	312	'8968723_/_478121642_1'		0.77	1.07	3.33	0.66	0.8	1.62	1.12 No	0.66	Thermal Discharging
TWL089	313	'438439652_/_438439700'		1.33	2.13	6.67	1.32	1.07	3.22	2.25 No	1.07	Element Fault
TWL089	314	'7706237_/_8969543'		1.5	2.2	10	1.97	1.6	4.81	3.37 No	1.5	Primary Over-Voltage
TWL089	315	'8737736_/_8737734'		0.63	1.07	3.33	0.66	0.5	1.62	1.12 No	0.5	Element Fault
TWL089	316	'5212747_/_5212744'		0.73	1.07	3.33	0.66	0.8	1.6	1.12 No	0.66	Thermal Discharging
TWL089	317	'5247635_/_5247633'		1.33	2.13	6.67	1.32	1.6	3.18	2.25 No	1.32	Thermal Discharging
TWL089	318	'5234007_/_5234004'		1.33	2.13	6.67	1.32	1.1	3.16	2.25 No	1.1	Element Fault
TWL089	319	'5233162_/_5233172'		0.7	1.03	3.33	0.66	0.55	1.58	1.12 No	0.55	Element Fault
TWL089	320	'509973567_/_509973364_1'		0.67	1.03	3.33	0.66	0.3	1.58	1.12 No	0.3	Element Fault
TWL089	321	'451269603_/_442721604_1'		0.67	1.03	3.33	0.66	0.3	1.58	1.12 No	0.3	Element Fault
TWL089	322	'43671570_/_5247651'		1.33	2.07	6.67	1.32	1.6	3.15	2.25 No	1.32	Thermal Discharging
TWL089	323	'5232983_/_5232993'		0.73	1.03	3.33	0.66	0.8	1.59	1.12 No	0.66	Thermal Discharging
TWL089	324	'9055174_/_9055171'		0.63	1.03	3.33	0.66	0.5	1.6	1.12 No	0.5	Element Fault
TWL089	325	'49433867_/_49987612'		1.33	2.07	6.67	1.32	1	3.14	2.25 No	1	Element Fault
TWL089	326	'5247654_/_43671572'		1.27	2.07	6.67	1.32	1.6	3.13	2.25 No	1.27	Primary Over-Voltage
TWL089	327	'8342494_/_442721604_2'		0.67	1.03	3.33	0.66	0.3	1.54	1.12 No	0.3	Element Fault
TWL089	328	'43670863_/_43670865'		0.73	1	3.33	0.66	0.8	1.55	1.12 No	0.66	Thermal Discharging
TWL089	329	'5242940_/_5242953'		1.27	2	6.67	1.32	1.1	3.06	2.25 No	1.1	Element Fault
TWL089	330	'8024411_/_157433366'		2	3	10	1.97	5	4.63	3.37 No	1.97	Thermal Discharging
TWL089	331	'8968707_/_8968721'		0.7	1	3.33	0.66	0.8	1.54	1.12 No	0.66	Thermal Discharging
TWL089	332	'8025283_/_8025296_1'		0.63	1	3.33	0.66	0.3	1.52	1.12 No	0.3	Element Fault
TWL089	333	'7706238_/_7706235'		1.5	2.2	10	1.97	1.6	4.55	3.37 No	1.5	Primary Over-Voltage
TWL089	334	'5233070_/_5233159'		0.67	1	3.33	0.66	0.55	1.51	1.12 No	0.55	Element Fault
TWL089	335	'7705351_/_8968753'		2	3	10	1.97	1.4	4.55	3.37 No	1.4	Element Fault
TWL089	336	'8968524_/_8968521'		0.63	1	3.33	0.66	0.3	1.5	1.12 No	0.3	Element Fault
TWL089	337	'8025671_/_8025668'		1.5	2.2	10	1.97	1.6	4.5	3.37 No	1.5	Primary Over-Voltage
TWL089	338	'49433868_/_43672926'		1.27	1.93	6.67	1.32	1	2.99	2.25 No	1	Element Fault
TWL089	339	'8025299_/_8025296_2'		0.63	0.97	3.33	0.66	0.3	1.49	1.12 No	0.3	Element Fault
TWL089	340	'7705352_/_7705349'		2	2.9	10	1.97	1.4	4.5	3.37 No	1.4	Element Fault
TWL089	341	'5242684_/_5242937'		0.63	0.97	3.33	0.66	0.55	1.48	1.12 No	0.55	Element Fault
TWL089	342	'456907639_/_453164597_2'		0.63	0.97	3.33	0.66	0.55	1.48	1.12 No	0.55	Element Fault
TWL089	343	'87263373_/_87263378'		1.5	2.2	10	1.97	1.6	4.45	3.37 No	1.5	Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
TWL089	344	'56934230_/_56934232'	1.9	2.9	10	1.97	4.8	4.45	3.37 No	1.9	Primary Over-Voltage
TWL089	345	'37903740_/_157433437'	1.9	2.9	10	1.97	1.4	4.45	3.37 No	1.4	Element Fault
TWL089	346	'87263430_/_87263459'	1.5	2.2	10	1.97	1.6	4.42	3.37 No	1.5	Primary Over-Voltage
TWL089	347	'7391978_/_8968705'	0.67	0.97	3.33	0.66	0.8	1.48	1.12 No	0.66	Thermal Discharging
TWL089	348	'5212734_/_5232967'	0.67	0.97	3.33	0.66	0.8	1.47	1.12 No	0.66	Thermal Discharging
TWL089	349	'5233071_/_5233068'	0.67	0.97	3.33	0.66	0.55	1.46	1.12 No	0.55	Element Fault
TWL089	350	'8650530_/_8650527'	1	1.47	6.67	1.32	1.07	2.94	2.25 No	1	Primary Over-Voltage
TWL089	351	'87263352_/_87263441'	1.5	2.2	10	1.97	1.6	4.39	3.37 No	1.5	Primary Over-Voltage
TWL089	352	'5242685_/_5242682'	0.63	0.97	3.33	0.66	0.55	1.45	1.12 No	0.55	Element Fault
TWL089	353	'9596943_/_69363421'	0.63	0.93	3.33	0.66	0.8	1.46	1.12 No	0.63	Primary Over-Voltage
TWL089	354	'43670952_/_43670954'	0.63	0.93	3.33	0.66	0.55	1.45	1.12 No	0.55	Element Fault
TWL089	355	'8343082_/_8343079_2'	0.63	0.93	3.33	0.66	0.55	1.44	1.12 No	0.55	Element Fault
TWL089	356	'7391979_/_7391976'	0.67	0.93	3.33	0.66	0.8	1.45	1.12 No	0.66	Thermal Discharging
TWL089	357	'7706221_/_9597627'	0.6	0.93	3.33	0.66	0.3	1.43	1.12 No	0.3	Element Fault
TWL089	358	'69652681_/_8650545_1'	1.8	2.8	10	1.97	1.5	4.32	3.37 No	1.5	Element Fault
TWL089	359	'5242672_/_5242869'	0.63	0.93	3.33	0.66	0.55	1.43	1.12 No	0.55	Element Fault
TWL089	360	'5233084_/_5233081'	0.63	0.93	3.33	0.66	0.55	1.43	1.12 No	0.55	Element Fault
TWL089	361	'449201626_/_449201590'	0.63	0.93	3.33	0.66	0.55	1.42	1.12 No	0.55	Element Fault
TWL089	362	'8342526_/_509973364_2'	0.63	0.93	3.33	0.66	0.3	1.42	1.12 No	0.3	Element Fault
TWL089	363	'73567423_/_43671184'	0.67	0.93	3.33	0.66	0.8	1.43	1.12 No	0.66	Thermal Discharging
TWL089	364	'659168687_/_659168641_2'	0.67	0.93	3.33	0.66	0.8	1.42	1.12 No	0.66	Thermal Discharging
TWL089	365	'8650002_/_9597543'	0.6	0.9	3.33	0.66	0.3	1.4	1.12 No	0.3	Element Fault
TWL089	366	'5233305_/_5233315'	0.63	0.9	3.33	0.66	0.55	1.4	1.12 No	0.55	Element Fault
TWL089	367	'437702159_/_437702138_1'	0.6	0.9	3.33	0.66	0.3	1.4	1.12 No	0.3	Element Fault
TWL089	368	'8343081_/_8343079_1'	0.63	0.9	3.33	0.66	0.3	1.39	1.12 No	0.3	Element Fault
TWL089	369	'43670897_/_5233094'	0.63	0.9	3.33	0.66	0.55	1.39	1.12 No	0.55	Element Fault
TWL089	370	'5242701_/_449201628'	0.63	0.9	3.33	0.66	0.55	1.39	1.12 No	0.55	Element Fault
TWL089	371	'43672458_/_43672460'	0.6	0.9	3.33	0.66	0.55	1.38	1.12 No	0.55	Element Fault
TWL089	372	'359362955_/_9597165_1'	0.57	0.8	3.33	0.66	0.3	1.39	1.12 No	0.3	Element Fault
TWL089	373	'8025315_/_453164597_1'	0.6	0.9	3.33	0.66	0.3	1.37	1.12 No	0.3	Element Fault
TWL089	374	'7705320_/_659168641_1'	0.63	0.9	3.33	0.66	0.3	1.38	1.12 No	0.3	Element Fault
TWL089	375	'43672469_/_5244662'	0.6	0.9	3.33	0.66	0.55	1.36	1.12 No	0.55	Element Fault
TWL089	376	'5233292_/_5233302'	0.6	0.87	3.33	0.66	0.55	1.35	1.12 No	0.55	Element Fault
TWL089	377	'580742540_/_580742707'	0.57	0.87	3.33	0.66	1.4	1.37	1.12 No	0.57	Primary Over-Voltage
TWL089	378	'5242727_/_5242737'	0.6	0.87	3.33	0.66	0.55	1.35	1.12 No	0.55	Element Fault
TWL089	379	'5242640_/_5242653'	0.6	0.87	3.33	0.66	0.55	1.34	1.12 No	0.55	Element Fault
TWL089	380	'5244665_/_43672471'	0.6	0.87	3.33	0.66	0.55	1.33	1.12 No	0.55	Element Fault
TWL089	381	'8650513_/_9283949'	0.6	0.87	3.33	0.66	0.3	1.32	1.12 No	0.3	Element Fault
TWL089	382	'7705982_/_7706219'	0.53	0.87	3.33	0.66	0.3	1.32	1.12 No	0.3	Element Fault
TWL089	383	'5242714_/_5242724'	0.57	0.83	3.33	0.66	0.55	1.31	1.12 No	0.55	Element Fault
TWL089	384	'43670941_/_43670943'	0.57	0.83	3.33	0.66	0.55	1.3	1.12 No	0.55	Element Fault
TWL089	385	'449201685_/_5242637'	0.57	0.83	3.33	0.66	0.55	1.3	1.12 No	0.55	Element Fault
TWL089	386	'5233346_/_43670899'	0.57	0.83	3.33	0.66	0.55	1.3	1.12 No	0.55	Element Fault
TWL089	387	'7391962_/_7705333'	0.6	0.83	3.33	0.66	0.3	1.31	1.12 No	0.3	Element Fault
TWL089	388	'438439740_/_438439759'	0.57	0.83	3.33	0.66	0.53	1.28	1.12 No	0.53	Element Fault
TWL089	389	'7391963_/_7391960'	0.57	0.83	3.33	0.66	0.3	1.28	1.12 No	0.3	Element Fault
TWL089	390	'5242713_/_43672449'	0.57	0.8	3.33	0.66	0.55	1.27	1.12 No	0.55	Element Fault
TWL089	391	'5233266_/_5233276'	0.57	0.8	3.33	0.66	0.55	1.26	1.12 No	0.55	Element Fault
TWL089	392	'8650514_/_8650511'	0.57	0.8	3.33	0.66	0.3	1.26	1.12 No	0.3	Element Fault
TWL089	393	'8024659_/_8024656'	0.57	0.8	3.33	0.66	0.3	1.25	1.12 No	0.3	Element Fault
TWL089	394	'43670974_/_5233344'	0.53	0.8	3.33	0.66	0.55	1.24	1.12 No	0.53	Primary Over-Voltage
TWL089	395	'5233347_/_8969107_1'	0.53	0.8	3.33	0.66	0.3	1.24	1.12 No	0.3	Element Fault
TWL089	396	'8968507_/_509973391'	0.53	0.8	3.33	0.66	0.3	1.23	1.12 No	0.3	Element Fault
TWL089	397	'5233265_/_5233263'	0.53	0.8	3.33	0.66	0.55	1.23	1.12 No	0.53	Primary Over-Voltage
TWL089	398	'8969110_/_8969107_2'	0.53	0.77	3.33	0.66	0.3	1.2	1.12 No	0.3	Element Fault
TWL089	399	'7706257_/_8969487'	0.5	0.77	3.33	0.66	0.53	1.2	1.12 No	0.5	Primary Over-Voltage
TWL089	400	'43671438_/_43671440'	0.53	0.77	3.33	0.66	0.55	1.19	1.12 No	0.53	Primary Over-Voltage
TWL089	401	'7706258_/_7706255'	0.47	0.73	3.33	0.66	0.53	1.17	1.12 No	0.47	Primary Over-Voltage
TWL089	402	'8024503_/_453164677'	0.5	0.73	3.33	0.66	0.3	1.17	1.12 No	0.3	Element Fault
TWL089	403	'45165480_/_5234974'	0.5	0.73	3.33	0.66	0.55	1.15	1.12 No	0.5	Primary Over-Voltage
TWL089	404	'679188177_/_679188181'	0.5	0.7	3.33	0.66	0.3	1.13	1.12 No	0.3	Element Fault
TWL089	405	'679188145_/_679188207'	0.47	0.7	3.33	0.66	0.3	1.09	1.12 No	0.3	Element Fault
TWL089	406	'9246736_/_9246749'	0.47	0.7	3.33	0.66	0.53	1.09	1.12 No	0.47	Primary Over-Voltage
TWL089	407	'86374230_/_453164699'	0.47	0.67	3.33	0.66	0.3	1.08	1.12 No	0.3	Element Fault
TWL089	405	'679188090_/_679188161'	0.43	0.67	3.33	0.66	0.3	1.04	1.12 No	0.3	Element Fault
TWL089	406	'679188022_/_679188054'	0.43	0.63	3.33	0.66	0.3	1.02	1.12 No	0.3	Element Fault
TWL089	407	'679188602_/_679188106_1'	0.43	0.63	3.33	0.66	0.3	1.02	1.12 No	0.3	Element Fault
UPPO61	0	'UPPO61_/_9045973'	10	10	10	1.58	10	10	10 No	1.58	Thermal Discharging
UPPO61	1	'8445046_/_9045973'	10	10	10	1.58	10	10	6.48 No	1.58	Thermal Discharging
UPPO61	2	'8763014_/_9081191'	10	10	10	1.58	10	10	6.48 No	1.58	Thermal Discharging
UPPO61	3	'58114067_/_8763012'	10	10	10	1.58	10	10	6.48 No	1.58	Thermal Discharging
UPPO61	4	'58114059_/_7501844'	10	10	10	1.58	10	10	6.48 No	1.58	Thermal Discharging
UPPO61	5	'8445066_/_8445063'	10	10	10	1.58	10	10	6.48 No	1.58	Thermal Discharging
UPPO61	6	'38041668_/_9708960'	10	10	10	1.58	10	10	6.48 No	1.58	Thermal Discharging
UPPO61	7	'404543606_/_38041665'	10	10	10	1.58	10	10	6.48 No	1.58	Thermal Discharging
UPPO61	8	'38041556_/_38041553'	10	10	10	1.58	10	10	6.48 No	1.58	Thermal Discharging
UPPO61	9	'38041549_/_38041546'	10	10	10	1.58	4.5	10	6.48 No	1.58	Thermal Discharging
UPPO61	10	'38041535_/_38041532'	10	10	10	1.58	10	10	6.48 No	1.58	Thermal Discharging
UPPO61	11	'270124274_/_56892411_2'	10	10	10	1.58	10	10	6.48 No	1.58	Thermal Discharging
UPPO61	12	'6899073_/_56892411_1'	10	10	10	1.58	10	10	6.48 No	1.58	Thermal Discharging
UPPO61	13	'6899074_/_6899071'	10	10	10	1.58	10	10	6.48 No	1.58	Thermal Discharging
UPPO61	14	'474086814_/_474086811'	10	10	10	1.58	4.5	10	6.48 No	1.58	Thermal Discharging
UPPO61	15	'6898034_/_6899048'	10	10	10	1.58	10	10	6.48 No	1.58	Thermal Discharging
UPPO61	16	'6898035_/_6898032'	10	10	10	1.58	10	10	6.48 No	1.58	Thermal Discharging
UPPO61	17	'459115302_/_6898049'	10	10	10	1.58	10	10	6.48 No	1.58	Thermal Discharging
UPPO61	18	'471590512_/_459115304'	10	10	10	1.58	10	10	6.48 No	1.58	Thermal Discharging
UPPO61	19	'459115614_/_471590516'	10	10	10	1.58	10	10	6.48 No	1.58	Thermal Discharging
UPPO61	20	'6898052_/_459115616_1'	10	10	10	1.58	10	10	6.48 No	1.58	Thermal Discharging
UPPO61	21	'459115696_/_459115536_1'	10	10	10	1.58	2.2	10	6.48 No	1.58	Thermal Discharging
UPPO61	22	'44012345_/_459115616_2'	10	10	10	1.58	10	10	6.48 No	1.58	Thermal Discharging
UPPO61	23	'459115726_/_459115652_1'	10	10	10	1.58	2.2	10	6.48 No	1.58	Thermal Discharging
UPPO61	24	'6898069_/_44012347'	10	10	10	1.58	10	10	6.48 No	1.58	Thermal Discharging
UPPO61	25	'6898089_/_422121030'	10	10	10	1.58	10	10	6.48 No	1.58	Thermal Discharging
UPPO61	26	'6883226_/_6898103'	10	10	10	1.58	10	10	6.48 No	1.58	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
											VSR (MW)	Limiting Threshold
UPPO61	27	'6898018_/_6898120'		10	10	10	1.58	10	10	6.48	No	1.58 Thermal Discharging
UPPO61	28	'8100544_/_8100542_1'		3.33	3.33	3.33	0.53	0.4	3.33	2.16	No	0.4 Element Fault
UPPO61	29	'6898017_/_6898015'		10	10	10	1.58	10	10	6.48	No	1.58 Thermal Discharging
UPPO61	30	'6882916_/_6898140'		10	10	10	1.58	10	10	6.48	No	1.58 Thermal Discharging
UPPO61	31	'44012372_/_6882914'		10	10	10	1.58	10	10	6.48	No	1.58 Thermal Discharging
UPPO61	32	'268811547_/_44012374_1'		10	10	10	1.58	10	10	6.48	No	1.58 Thermal Discharging
UPPO61	33	'6882951_/_44012374_2'		10	10	10	1.58	10	10	6.48	No	1.58 Thermal Discharging
UPPO61	34	'6895830_/_268810945_1'		3.33	3.33	3.33	0.53	0.4	3.33	2.16	No	0.4 Element Fault
UPPO61	35	'43916534_/_7109576'		10	10	10	1.58	10	10	6.48	No	1.58 Thermal Discharging
UPPO61	36	'6883227_/_6883224'		3.33	3.33	3.33	0.53	1.5	3.33	2.16	No	0.53 Thermal Discharging
UPPO61	37	'9071297_/_6430462_2'		10	10	10	1.58	10	10	6.48	No	1.58 Thermal Discharging
UPPO61	38	'6430464_/_6430462_1'		10	10	10	1.58	10	10	6.48	No	1.58 Thermal Discharging
UPPO61	39	'8436408_/_8436406_1'		10	10	10	1.58	1.4	10	6.48	No	1.4 Element Fault
UPPO61	40	'6430252_/_6430445'		10	10	10	1.58	10	10	6.48	No	1.58 Thermal Discharging
UPPO61	41	'6427713_/_6430249'		10	10	10	1.58	10	10	6.48	No	1.58 Thermal Discharging
UPPO61	42	'8436409_/_8436406_2'		10	10	10	1.58	1.4	10	6.48	No	1.4 Element Fault
UPPO61	43	'6430218_/_6430232'		10	10	10	1.58	10	10	6.48	No	1.58 Thermal Discharging
UPPO61	44	'6427700_/_6427697_2'		3.33	3.33	3.33	0.53	1.5	3.33	2.16	No	0.53 Thermal Discharging
UPPO61	45	'6430269_/_6430283_1'		10	10	10	1.58	1.5	10	6.48	No	1.5 Element Fault
UPPO61	46	'6430286_/_6430283_2'		10	10	10	1.58	1.5	10	6.48	No	1.5 Element Fault
UPPO61	47	'6430217_/_6430215'		10	10	10	1.58	10	10	6.48	No	1.58 Thermal Discharging
UPPO61	48	'6430306_/_6430303'		10	10	10	1.58	1.5	10	6.48	No	1.5 Element Fault
UPPO61	49	'268811056_/_6427697_1'		3.33	3.33	3.33	0.53	0.4	3.33	2.16	No	0.4 Element Fault
UPPO61	50	'44013047_/_6899836'		3.33	3.33	3.33	0.53	1.5	3.33	2.16	No	0.53 Thermal Discharging
UPPO61	51	'9027989_/_9027987_1'		10	10	10	1.58	0.9	10	6.48	No	0.9 Element Fault
UPPO61	52	'268810982_/_268810945_2'		3.33	3.33	3.33	0.53	0.4	3.33	2.16	No	0.4 Element Fault
UPPO61	53	'6430504_/_6430502'		10	10	10	1.58	10	10	6.48	No	1.58 Thermal Discharging
UPPO61	54	'6430732_/_6430729'		10	10	10	1.58	1.5	10	6.48	No	1.5 Element Fault
UPPO61	55	'7449476_/_9028307'		10	10	10	1.58	5.1	10	6.48	No	1.58 Thermal Discharging
UPPO61	56	'9027990_/_9027987_2'		10	10	10	1.58	0.9	10	6.48	No	0.9 Element Fault
UPPO61	57	'6430771_/_357618998'		10	10	10	1.58	1.5	10	6.48	No	1.5 Element Fault
UPPO61	58	'49250935_/_6430769_1'		10	10	10	1.58	1.5	10	6.48	No	1.5 Element Fault
UPPO61	59	'56892403_/_6430519'		10	10	10	1.58	10	10	6.48	No	1.58 Thermal Discharging
UPPO61	60	'49996197_/_8708738_2'		10	10	10	1.58	10	10	6.48	No	1.58 Thermal Discharging
UPPO61	61	'49250944_/_9341232_2'		10	10	10	1.58	1.5	10	6.48	No	1.5 Element Fault
UPPO61	62	'6430772_/_6430769_2'		10	10	10	1.58	1.5	10	6.48	No	1.5 Element Fault
UPPO61	63	'8708740_/_8708738_1'		10	10	10	1.58	10	10	6.48	No	1.58 Thermal Discharging
UPPO61	64	'6431613_/_6434358'		10	10	10	1.58	1.5	10	6.48	No	1.5 Element Fault
UPPO61	65	'9341235_/_9341232_1'		10	10	10	1.58	1.5	10	6.48	No	1.5 Element Fault
UPPO61	66	'7449516_/_9656465_2'		6.67	6.67	6.67	1.06	1	6.67	4.32	No	1 Element Fault
UPPO61	67	'6895740_/_6895841'		3.33	3.33	3.33	0.53	0.4	3.33	2.16	No	0.4 Element Fault
UPPO61	68	'6899839_/_44013049'		3.33	3.33	3.33	0.53	1.5	3.33	2.16	No	0.53 Thermal Discharging
UPPO61	69	'67916308_/_8710738_1'		10	10	10	1.58	10	10	6.48	No	1.58 Thermal Discharging
UPPO61	70	'6436766_/_8710738_2'		10	10	10	1.58	10	10	6.48	No	1.58 Thermal Discharging
UPPO61	71	'6427726_/_6431645'		10	10	10	1.58	1.5	10	6.48	No	1.5 Element Fault
UPPO61	72	'6436657_/_6436763'		10	10	10	1.58	10	10	6.48	No	1.58 Thermal Discharging
UPPO61	73	'362308080_/_362308078'		3.33	3.33	3.33	0.53	0.4	3.33	2.16	No	0.4 Element Fault
UPPO61	74	'7449477_/_7449474'		10	10	10	1.58	1.4	10	6.48	No	1.4 Element Fault
UPPO61	75	'268811408_/_6427684'		3.33	3.33	3.33	0.53	0.4	3.33	2.16	No	0.4 Element Fault
UPPO61	76	'6436712_/_6436726'		10	10	10	1.58	10	10	6.48	No	1.58 Thermal Discharging
UPPO61	77	'8399708_/_9029369_2'		10	10	10	1.58	5.1	10	6.48	No	1.58 Thermal Discharging
UPPO61	78	'6436658_/_6438016_1'		10	10	10	1.58	1.5	10	6.48	No	1.5 Element Fault
UPPO61	79	'611716495_/_611716499'		10	10	10	1.58	10	10	6.48	No	1.58 Thermal Discharging
UPPO61	80	'611716735_/_611716092_1'		10	10	10	1.58	10	10	6.48	No	1.58 Thermal Discharging
UPPO61	81	'6436695_/_6436709'		10	10	10	1.58	10	10	6.48	No	1.58 Thermal Discharging
UPPO61	82	'268811229_/_43916074'		3.33	3.33	3.33	0.53	0.4	3.33	2.16	No	0.4 Element Fault
UPPO61	83	'6427725_/_43916109'		6.67	6.67	6.67	1.06	1	6.67	4.32	No	1 Element Fault
UPPO61	84	'43916083_/_6431611'		6.67	6.67	6.67	1.06	1	6.67	4.32	No	1 Element Fault
UPPO61	85	'611715929_/_611716092_2'		10	10	10	1.58	10	10	6.48	No	1.58 Thermal Discharging
UPPO61	86	'611715930_/_611715927'		10	10	10	1.58	10	10	6.48	No	1.58 Thermal Discharging
UPPO61	87	'611715941_/_611715939'		10	10	10	1.58	4.5	10	6.48	No	1.58 Thermal Discharging
UPPO61	88	'611715935_/_611715933'		10	10	10	1.58	10	10	6.48	No	1.58 Thermal Discharging
UPPO61	89	'611715947_/_611715945'		10	10	10	1.58	4.5	10	6.48	No	1.58 Thermal Discharging
UPPO61	90	'362308095_/_362308092'		3.33	3.33	3.33	0.53	0.4	3.33	2.16	No	0.4 Element Fault
UPPO61	91	'6427744_/_6427741'		10	10	10	1.58	1.5	10	6.48	No	1.5 Element Fault
UPPO61	92	'8708233_/_9341708_1'		3.33	3.33	3.33	0.53	0.3	3.33	2.16	No	0.3 Element Fault
UPPO61	93	'611716133_/_611716328'		10	10	10	1.58	4.5	10	6.48	No	1.58 Thermal Discharging
UPPO61	94	'643118889_/_611716040_1'		10	10	10	1.58	10	10	6.48	No	1.58 Thermal Discharging
UPPO61	95	'8399689_/_9029369_1'		10	10	10	1.58	1.4	10	6.48	No	1.4 Element Fault
UPPO61	96	'611716830_/_611716040_2'		10	10	10	1.58	10	10	6.48	No	1.58 Thermal Discharging
UPPO61	97	'643119159_/_643118992_1'		3.33	3.33	3.33	0.53	0.4	3.33	2.16	No	0.4 Element Fault
UPPO61	98	'6436820_/_6436817'		10	10	10	1.58	10	10	6.48	No	1.58 Thermal Discharging
UPPO61	99	'8399688_/_8399686'		10	10	10	1.58	1.4	10	6.48	No	1.4 Element Fault
UPPO61	100	'43914980_/_6436834'		10	10	10	1.58	10	10	6.48	No	1.58 Thermal Discharging
UPPO61	101	'8710720_/_8710718'		10	10	10	1.58	1.4	10	6.48	No	1.4 Element Fault
UPPO61	102	'6436860_/_43914982'		10	10	10	1.58	10	10	6.48	No	1.58 Thermal Discharging
UPPO61	103	'43914889_/_6438016_2'		10	10	10	1.58	1.5	10	6.48	No	1.5 Element Fault
UPPO61	104	'8084942_/_8710758_1'		10	10	10	1.58	1.4	10	6.48	No	1.4 Element Fault
UPPO61	105	'9340846_/_9340844'		3.33	3.33	3.33	0.53	0.47	3.33	2.16	No	0.47 Element Fault
UPPO61	106	'6437187_/_6437184'		10	10	10	1.58	10	10	6.48	No	1.58 Thermal Discharging
UPPO61	107	'6431632_/_6431629'		3.33	3.33	3.33	0.53	0.5	3.33	2.16	No	0.5 Element Fault
UPPO61	108	'43916095_/_6427756'		6.67	6.67	6.67	1.06	1	6.67	4.32	No	1 Element Fault
UPPO61	109	'43914993_/_6437258'		10	10	10	1.58	10	10	6.48	No	1.58 Thermal Discharging
UPPO61	110	'6437112_/_6437204'		10	10	10	1.58	10	10	6.48	No	1.58 Thermal Discharging
UPPO61	111	'9341711_/_9341708_2'		3.33	3.33	3.33	0.53	0.3	3.33	2.16	No	0.3 Element Fault
UPPO61	112	'6437004_/_6437110'		10	10	10	1.58	10	10	6.48	No	1.58 Thermal Discharging
UPPO61	113	'6427759_/_8399266_1'		6.67	6.67	6.67	1.06	0.6	6.67	4.32	No	0.6 Element Fault
UPPO61	114	'643119007_/_643118992_2'		3.33	3.33	3.33	0.53	0.4	3.33	2.16	No	0.4 Element Fault
UPPO61	115	'9671926_/_8100542_2'		3.33	3.33	3.33	0.53	0.4	3.33	2.16	No	0.4 Element Fault
UPPO61	116	'6437227_/_6437241'		10	10	10	1.58	10	10	6.48	No	1.58 Thermal Discharging
UPPO61	117	'6436967_/_6437002'		10	10	10	1.58	10	10	6.48	No	1.58 Thermal Discharging
UPPO61	118	'474870452_/_459115536_2'		10	10	10	1.58	2.2	10	6.48	No	1.58 Thermal Discharging
UPPO61	119	'8399783_/_9656721_1'		10	10	10	1.58	10	10	6.48	No	1.58 Thermal Discharging
UPPO61	120	'401578978_/_401578980'		10	10	10	1.58	10	10	6.48	No	1.58 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
UPPO61	121	'611716200_/_611716254'		10	10	10	1.58	4.5	10	6.48 No	1.58 Thermal Discharging
UPPO61	122	'474870436_/_459115652_2'		10	10	10	1.58	2.2	10	6.48 No	1.58 Thermal Discharging
UPPO61	123	'9656467_/_9656465_1'	6.67		6.67	6.67	1.06	0.6	6.67	4.32 No	0.6 Element Fault
UPPO61	124	'8084961_/_9656701_2'		10	10	10	1.58	4.2	10	6.48 No	1.58 Thermal Discharging
UPPO61	125	'362308216_/_362308213'	3.33		3.33	3.33	0.53	0.4	3.33	2.16 No	0.4 Element Fault
UPPO61	126	'415419993_/_389973801_1'		10	10	10	1.58	1.4	10	6.48 No	1.4 Element Fault
UPPO61	127	'9029412_/_9029425_1'	3.33		3.33	3.33	0.53	0.4	3.33	2.16 No	0.4 Element Fault
UPPO61	128	'6437170_/_6437224'		10	10	10	1.58	10	10	6.48 No	1.58 Thermal Discharging
UPPO61	129	'643119228_/_611716312_1'		10	10	10	1.58	1.4	10	6.48 No	1.4 Element Fault
UPPO61	130	'6437096_/_389973736'		10	10	10	1.58	10	10	6.48 No	1.58 Thermal Discharging
UPPO61	131	'7763799_/_7763797_1'		10	10	10	1.58	10	10	6.48 No	1.58 Thermal Discharging
UPPO61	132	'7450421_/_7450418_1'		10	10	10	1.58	10	10	6.48 No	1.58 Thermal Discharging
UPPO61	133	'6436930_/_6437093'		10	10	10	1.58	10	10	6.48 No	1.58 Thermal Discharging
UPPO61	134	'8399762_/_7450418_2'		10	10	10	1.58	10	10	6.48 No	1.58 Thermal Discharging
UPPO61	135	'88877922_/_88877961_1'		10	10	10	1.58	1.4	10	6.48 No	1.4 Element Fault
UPPO61	136	'8399269_/_8399266_2'	6.67		6.67	6.67	1.06	0.6	6.67	4.32 No	0.6 Element Fault
UPPO61	137	'8399763_/_8399760'		10	10	10	1.58	10	10	6.48 No	1.58 Thermal Discharging
UPPO61	138	'43914967_/_6436965'		10	10	10	1.58	4.5	10	6.48 No	1.58 Thermal Discharging
UPPO61	139	'37974846_/_7763797_2'		10	10	10	1.58	10	10	6.48 No	1.58 Thermal Discharging
UPPO61	140	'405199278_/_37974843'		10	10	10	1.58	10	10	6.48 No	1.58 Thermal Discharging
UPPO61	141	'37974832_/_37974829'		10	10	10	1.58	10	10	6.48 No	1.58 Thermal Discharging
UPPO61	142	'37974796_/_37974822'		10	10	10	1.58	4.5	10	6.48 No	1.58 Thermal Discharging
UPPO61	143	'37974811_/_37974808'		10	10	10	1.58	2.2	10	6.48 No	1.58 Thermal Discharging
UPPO61	144	'474870484_/_474870646'		10	10	10	1.58	2.2	10	6.48 No	1.58 Thermal Discharging
UPPO61	145	'8399388_/_9342122'		10	10	10	1.58	10	10	6.48 No	1.58 Thermal Discharging
UPPO61	146	'474870468_/_474870626'		10	10	10	1.58	2.2	10	6.48 No	1.58 Thermal Discharging
UPPO61	147	'6436877_/_43914891'		10	10	10	1.58	1.5	10	6.48 No	1.5 Element Fault
UPPO61	148	'6436931_/_88877961_2'		10	10	10	1.58	1.4	10	6.48 No	1.4 Element Fault
UPPO61	149	'9029428_/_9029425_2'	3.33		3.33	3.33	0.53	0.4	3.33	2.16 No	0.4 Element Fault
UPPO61	150	'7450203_/_8399386'		10	10	10	1.58	10	10	6.48 No	1.58 Thermal Discharging
UPPO61	151	'6434146_/_6434144'	3.33		3.33	3.33	0.53	0.5	3.33	2.16 No	0.5 Element Fault
UPPO61	152	'37973606_/_9029521'		10	10	10	1.58	10	10	6.48 No	1.58 Thermal Discharging
UPPO61	153	'405200612_/_37973681'		10	10	10	1.58	10	10	6.48 No	1.58 Thermal Discharging
UPPO61	154	'37973719_/_37973716'		10	10	10	1.58	4.8	10	6.48 No	1.58 Thermal Discharging
UPPO61	155	'37973691_/_37973688'		10	10	10	1.58	4.5	10	6.48 No	1.58 Thermal Discharging
UPPO61	156	'8084921_/_8710758_2'		10	10	10	1.58	1.4	10	6.48 No	1.4 Element Fault
UPPO61	157	'7450202_/_7450200'		10	10	10	1.58	10	10	6.48 No	1.58 Thermal Discharging
UPPO61	158	'43914915_/_43914969'		10	10	10	1.58	4.5	10	6.48 No	1.58 Thermal Discharging
UPPO61	159	'152206320_/_152206326'		10	10	10	1.58	1.4	10	6.48 No	1.4 Element Fault
UPPO61	160	'9029351_/_9342042'		10	10	10	1.58	1.4	10	6.48 No	1.4 Element Fault
UPPO61	161	'362308230_/_362308227'	3.33		3.33	3.33	0.53	0.4	3.33	2.16 No	0.4 Element Fault
UPPO61	162	'389973782_/_389973801_2'		10	10	10	1.58	1.4	10	6.48 No	1.4 Element Fault
UPPO61	163	'152206358_/_152206376'		10	10	10	1.58	1.4	10	6.48 No	1.4 Element Fault
UPPO61	164	'6436894_/_6436891'		10	10	10	1.58	1.5	10	6.48 No	1.5 Element Fault
UPPO61	165	'6434307_/_8710642_1'		10	10	10	1.58	10	10	6.48 No	1.58 Thermal Discharging
UPPO61	166	'6437022_/_6437019'		10	10	10	1.58	1.5	10	6.48 No	1.5 Element Fault
UPPO61	167	'157594700_/_8710642_2'		10	10	10	1.58	10	10	6.48 No	1.58 Thermal Discharging
UPPO61	168	'6431373_/_6434267'		10	10	10	1.58	10	10	6.48 No	1.58 Thermal Discharging
UPPO61	169	'6437042_/_6437039'		10	10	10	1.58	1.5	10	6.48 No	1.5 Element Fault
UPPO61	170	'6436911_/_6437056'		10	10	10	1.58	1.5	10	6.48 No	1.5 Element Fault
UPPO61	171	'6431593_/_6431591'		10	10	10	1.58	5.5	10	6.48 No	1.58 Thermal Discharging
UPPO61	172	'6431374_/_6431391_1'		10	10	10	1.58	2.3	10	6.48 No	1.58 Thermal Discharging
UPPO61	173	'9068817_/_157635869'		10	10	10	1.58	10	10	6.48 No	1.58 Thermal Discharging
UPPO61	174	'9029332_/_9029349'		10	10	10	1.58	1.4	10	6.48 No	1.4 Element Fault
UPPO61	175	'8708957_/_9656581_1'		10	10	10	1.58	1.4	10	6.48 No	1.4 Element Fault
UPPO61	176	'43915019_/_6437295'		10	10	10	1.58	1.5	10	6.48 No	1.5 Element Fault
UPPO61	177	'8708501_/_9028427'		10	10	10	1.58	4.8	10	6.48 No	1.58 Thermal Discharging
UPPO61	178	'9068818_/_9068839_1'		10	10	10	1.58	1.5	10	6.48 No	1.5 Element Fault
UPPO61	179	'37974642_/_611716204'		10	10	10	1.58	4.5	10	6.48 No	1.58 Thermal Discharging
UPPO61	180	'37974643_/_37974640'		10	10	10	1.58	4.5	10	6.48 No	1.58 Thermal Discharging
UPPO61	181	'37974671_/_37974675'		10	10	10	1.58	4.5	10	6.48 No	1.58 Thermal Discharging
UPPO61	182	'37974657_/_37974661'		10	10	10	1.58	4.5	10	6.48 No	1.58 Thermal Discharging
UPPO61	183	'37974649_/_37974647'		10	10	10	1.58	4.5	10	6.48 No	1.58 Thermal Discharging
UPPO61	184	'6436985_/_43914917'		10	10	10	1.58	1.4	10	6.48 No	1.4 Element Fault
UPPO61	185	'6435903_/_7151424_1'		10	10	10	1.58	10	10	6.48 No	1.58 Thermal Discharging
UPPO61	186	'43915746_/_7151424_2'		10	10	10	1.58	10	10	6.48 No	1.58 Thermal Discharging
UPPO61	187	'114285394_/_114285373'	6.67		6.67	6.67	1.06	3	6.67	4.32 No	1.06 Thermal Discharging
UPPO61	188	'8084922_/_8084919'		10	10	10	1.58	1.4	10	6.48 No	1.4 Element Fault
UPPO61	189	'9068842_/_9068839_2'		10	10	10	1.58	1.5	10	6.48 No	1.5 Element Fault
UPPO61	190	'716731196_/_716731200'		10	10	10	1.58	4.8	10	6.48 No	1.58 Thermal Discharging
UPPO61	191	'43915006_/_43915021'		10	10	10	1.58	1.1	10	6.48 No	1.1 Element Fault
UPPO61	192	'415419680_/_389974144'		10	10	10	1.58	4.5	10	6.48 No	1.58 Thermal Discharging
UPPO61	193	'114285351_/_9342062'		10	10	10	1.58	4.5	10	6.48 No	1.58 Thermal Discharging
UPPO61	194	'6436910_/_43914904'		10	10	10	1.58	1.5	10	6.48 No	1.5 Element Fault
UPPO61	195	'149248010_/_7450490_1'		10	10	10	1.58	1.1	10	6.48 No	1.1 Element Fault
UPPO61	196	'389974338_/_389974389'		10	10	10	1.58	4.5	10	6.48 No	1.58 Thermal Discharging
UPPO61	197	'716731135_/_716731316'		10	10	10	1.58	4.8	10	6.48 No	1.58 Thermal Discharging
UPPO61	198	'6431394_/_6431391_2'		10	10	10	1.58	2.3	10	6.48 No	1.58 Thermal Discharging
UPPO61	199	'415419654_/_389974420'		10	10	10	1.58	4.5	10	6.48 No	1.58 Thermal Discharging
UPPO61	200	'8084982_/_9656701_1'		10	10	10	1.58	1.5	10	6.48 No	1.5 Element Fault
UPPO61	201	'43914723_/_43914725'		10	10	10	1.58	5.5	10	6.48 No	1.58 Thermal Discharging
UPPO61	202	'8399248_/_8399246_1'		10	10	10	1.58	1.4	10	6.48 No	1.4 Element Fault
UPPO61	203	'67916213_/_43916551'	3.33		3.33	3.33	0.53	0.5	3.33	2.16 No	0.5 Element Fault
UPPO61	204	'716731153_/_716731298'		10	10	10	1.58	4.8	10	6.48 No	1.58 Thermal Discharging
UPPO61	205	'8710681_/_9029329'		10	10	10	1.58	1.4	10	6.48 No	1.4 Element Fault
UPPO61	206	'43915763_/_43915765'		10	10	10	1.58	4.5	10	6.48 No	1.58 Thermal Discharging
UPPO61	207	'389974278_/_389973929'		10	10	10	1.58	1.4	10	6.48 No	1.4 Element Fault
UPPO61	208	'43915957_/_43915750'		10	10	10	1.58	10	10	6.48 No	1.58 Thermal Discharging
UPPO61	209	'9655590_/_9684242_1'	3.33		3.33	3.33	0.53	0.47	3.33	2.16 No	0.47 Element Fault
UPPO61	210	'9656584_/_9656581_2'		10	10	10	1.58	1.4	10	6.48 No	1.4 Element Fault
UPPO61	211	'7450380_/_8084995'		10	10	10	1.58	1.5	10	6.48 No	1.5 Element Fault
UPPO61	212	'707549857_/_707549861'		10	10	10	1.58	4.8	10	6.48 No	1.58 Thermal Discharging
UPPO61	213	'707549890_/_707549894'		10	10	10	1.58	4.8	10	6.48 No	1.58 Thermal Discharging
UPPO61	214	'707549923_/_707549927'		10	10	10	1.58	4.8	10	6.48 No	1.58 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
UPPO61	215	'707549989___/707550077_2'	10		10	1.58	4.8	10	6.48 No	1.58	Thermal Discharging
UPPO61	216	'9342145___/9342142'	10		10	1.58	1.4	10	6.48 No	1.4	Element Fault
UPPO61	217	'707549956___/707549960'	10		10	1.58	4.8	10	6.48 No	1.58	Thermal Discharging
UPPO61	218	'707550007___/707550050'	10		10	1.58	4.8	10	6.48 No	1.58	Thermal Discharging
UPPO61	219	'389973855___/415419854'	10		10	1.58	1.4	10	6.48 No	1.4	Element Fault
UPPO61	220	'389973846___/389973852'	10		10	1.58	1.4	10	6.48 No	1.4	Element Fault
UPPO61	221	'389973871___/389973868'	10		10	1.58	1.4	10	6.48 No	1.4	Element Fault
UPPO61	222	'389973847___/389973844'	10		10	1.58	1.4	10	6.48 No	1.4	Element Fault
UPPO61	223	'6431411___/6431408'	10		10	1.58	2.3	10	6.48 No	1.58	Thermal Discharging
UPPO61	224	'6437129___/7450378'	10		10	1.58	1.5	10	6.48 No	1.5	Element Fault
UPPO61	225	'6437130___/6437127'	10		10	1.58	1.5	10	6.48 No	1.5	Element Fault
UPPO61	226	'8083696___/8083693'	6.67	6.67	6.67	1.06	3.2	6.67	4.32 No	1.06	Thermal Discharging
UPPO61	227	'6435922___/6435920'	10		10	1.58	5.5	10	6.48 No	1.58	Thermal Discharging
UPPO61	228	'6434327___/6434341'	10		10	1.58	2.3	10	6.48 No	1.58	Thermal Discharging
UPPO61	229	'7450460___/128241'	6.67	6.67	6.67	1.06	3	6.67	4.32 No	1.06	Thermal Discharging
UPPO61	230	'43915973___/43915961'	10		10	1.58	10	10	6.48 No	1.58	Thermal Discharging
UPPO61	231	'43915789___/6434324'	10		10	1.58	2.3	10	6.48 No	1.58	Thermal Discharging
UPPO61	232	'37974356___/7450490_2'	10		10	1.58	1.1	10	6.48 No	1.1	Element Fault
UPPO61	233	'37974363___/37974360'	10		10	1.58	1.1	10	6.48 No	1.1	Element Fault
UPPO61	234	'37974398___/37974402'	10		10	1.58	1.1	10	6.48 No	1.1	Element Fault
UPPO61	235	'37974384___/37974388'	10		10	1.58	1.1	10	6.48 No	1.1	Element Fault
UPPO61	236	'37974370___/37974374'	10		10	1.58	1.1	10	6.48 No	1.1	Element Fault
UPPO61	237	'7449971___/8710354_1'	10		10	1.58	1.4	10	6.48 No	1.4	Element Fault
UPPO61	238	'6434380___/6434418'	10		10	1.58	2.3	10	6.48 No	1.58	Thermal Discharging
UPPO61	239	'8083695___/8708498'	10		10	1.58	4.8	10	6.48 No	1.58	Thermal Discharging
UPPO61	240	'6434381___/6434378'	10		10	1.58	2.3	10	6.48 No	1.58	Thermal Discharging
UPPO61	241	'6431428___/6431425'	10		10	1.58	2.3	10	6.48 No	1.58	Thermal Discharging
UPPO61	242	'8399822___/114285414'	10		10	1.58	4.5	10	6.48 No	1.58	Thermal Discharging
UPPO61	243	'154003896___/154003862_2'	10		10	1.58	2.3	10	6.48 No	1.58	Thermal Discharging
UPPO61	244	'8399823___/8399820'	10		10	1.58	4.5	10	6.48 No	1.58	Thermal Discharging
UPPO61	245	'43916131___/6434401'	10		10	1.58	2.3	10	6.48 No	1.58	Thermal Discharging
UPPO61	246	'389974078___/389974092'	10		10	1.58	1.4	10	6.48 No	1.4	Element Fault
UPPO61	247	'6434289___/43915975'	10		10	1.58	10	10	6.48 No	1.58	Thermal Discharging
UPPO61	248	'7490134___/415419810'	10		10	1.58	4.5	10	6.48 No	1.58	Thermal Discharging
UPPO61	249	'49250355___/7450510_2'	10		10	1.58	2.3	10	6.48 No	1.58	Thermal Discharging
UPPO61	250	'7794781___/8398326'	10		10	1.58	4.8	10	6.48 No	1.58	Thermal Discharging
UPPO61	251	'6435598___/6435595'	6.67	6.67	6.67	1.06	1.53	6.67	4.32 No	1.06	Thermal Discharging
UPPO61	252	'459115491___/474870537'	10		10	1.58	2.2	10	6.48 No	1.58	Thermal Discharging
UPPO61	253	'9029504___/9029501'	10		10	1.58	1.1	10	6.48 No	1.1	Element Fault
UPPO61	254	'415419748___/389974169_1'	10		10	1.58	1.4	10	6.48 No	1.4	Element Fault
UPPO61	255	'459115369___/474870591'	10		10	1.58	2.2	10	6.48 No	1.58	Thermal Discharging
UPPO61	256	'6427607___/6434287'	10		10	1.58	10	10	6.48 No	1.58	Thermal Discharging
UPPO61	257	'57007177___/8721980'	10		10	1.58	1.4	10	6.48 No	1.4	Element Fault
UPPO61	258	'576812330___/576812327'	10		10	1.58	1.1	10	6.48 No	1.1	Element Fault
UPPO61	259	'6427606___/6436089_2'	10		10	1.58	4.5	10	6.48 No	1.58	Thermal Discharging
UPPO61	260	'43914797___/6436447'	10		10	1.58	10	10	6.48 No	1.58	Thermal Discharging
UPPO61	261	'6436291___/43914799'	10		10	1.58	10	10	6.48 No	1.58	Thermal Discharging
UPPO61	262	'6435902___/6435900'	10		10	1.58	4.5	10	6.48 No	1.58	Thermal Discharging
UPPO61	263	'6436467___/6436464'	10		10	1.58	10	10	6.48 No	1.58	Thermal Discharging
UPPO61	264	'6436484___/6436481'	10		10	1.58	10	10	6.48 No	1.58	Thermal Discharging
UPPO61	265	'6436501___/6436498'	10		10	1.58	10	10	6.48 No	1.58	Thermal Discharging
UPPO61	266	'6436429___/6436515'	10		10	1.58	10	10	6.48 No	1.58	Thermal Discharging
UPPO61	267	'9656683___/9656741'	10		10	1.58	4.5	10	6.48 No	1.58	Thermal Discharging
UPPO61	268	'6435943___/6435956'	10		10	1.58	4.5	10	6.48 No	1.58	Thermal Discharging
UPPO61	269	'6436075___/6436089_1'	10		10	1.58	1.4	10	6.48 No	1.4	Element Fault
UPPO61	270	'6436430___/6436427'	10		10	1.58	10	10	6.48 No	1.58	Thermal Discharging
UPPO61	271	'7450241___/7450278_1'	10		10	1.58	10	10	6.48 No	1.58	Thermal Discharging
UPPO61	272	'7763779___/9656817'	10		10	1.58	1.1	10	6.48 No	1.1	Element Fault
UPPO61	273	'8710357___/8710354_2'	10		10	1.58	1.4	10	6.48 No	1.4	Element Fault
UPPO61	274	'6436412___/6436584'	10		10	1.58	10	10	6.48 No	1.58	Thermal Discharging
UPPO61	275	'43916144___/6435976'	10		10	1.58	4.5	10	6.48 No	1.58	Thermal Discharging
UPPO61	276	'7450006___/8399246_2'	10		10	1.58	1.4	10	6.48 No	1.4	Element Fault
UPPO61	277	'622880979___/622880944'	10		10	1.58	4.5	10	6.48 No	1.58	Thermal Discharging
UPPO61	278	'7763780___/8710954_1'	10		10	1.58	2.2	10	6.48 No	1.58	Thermal Discharging
UPPO61	279	'6436165___/6436410'	10		10	1.58	10	10	6.48 No	1.58	Thermal Discharging
UPPO61	280	'622881016___/8399546_1'	10		10	1.58	0.9	10	6.48 No	0.9	Element Fault
UPPO61	281	'707550141___/7794779'	10		10	1.58	4.8	10	6.48 No	1.58	Thermal Discharging
UPPO61	282	'707550108___/707550145'	10		10	1.58	4.8	10	6.48 No	1.58	Thermal Discharging
UPPO61	283	'707550174___/707550190'	10		10	1.58	4.8	10	6.48 No	1.58	Thermal Discharging
UPPO61	284	'6435979___/43916146'	10		10	1.58	4.5	10	6.48 No	1.58	Thermal Discharging
UPPO61	285	'43914760___/43914762'	10		10	1.58	10	10	6.48 No	1.58	Thermal Discharging
UPPO61	286	'49250266___/6436618_2'	10		10	1.58	10	10	6.48 No	1.58	Thermal Discharging
UPPO61	287	'6436620___/6436618_1'	10		10	1.58	10	10	6.48 No	1.58	Thermal Discharging
UPPO61	288	'7794782___/707550112'	10		10	1.58	4.8	10	6.48 No	1.58	Thermal Discharging
UPPO61	289	'6436199___/6436197_1'	10		10	1.58	1.4	10	6.48 No	1.4	Element Fault
UPPO61	290	'49250275___/8399626_2'	10		10	1.58	6	10	6.48 No	1.58	Thermal Discharging
UPPO61	291	'7450007___/7450004'	10		10	1.58	1.4	10	6.48 No	1.4	Element Fault
UPPO61	292	'6435942___/43914738'	3.33	3.33	3.33	0.53	1.5	3.33	2.16 No	0.53	Thermal Discharging
UPPO61	293	'6436396___/6436638'	10		10	1.58	10	10	6.48 No	1.58	Thermal Discharging
UPPO61	294	'8426884___/9376484'	10		10	1.58	4.8	10	6.48 No	1.58	Thermal Discharging
UPPO61	295	'43914747___/43914749'	10		10	1.58	10	10	6.48 No	1.58	Thermal Discharging
UPPO61	296	'8710664___/8710662_1'	6.67	6.67	6.67	1.06	0.9	6.67	4.32 No	0.9	Element Fault
UPPO61	297	'622881129___/8399546_2'	10		10	1.58	0.9	10	6.48 No	0.9	Element Fault
UPPO61	298	'86407655___/57007179'	10		10	1.58	1.4	10	6.48 No	1.4	Element Fault
UPPO61	299	'622881096___/8399546_3'	10		10	1.58	0.9	10	6.48 No	0.9	Element Fault
UPPO61	300	'51035490___/51035417_2'	10		10	1.58	10	10	6.48 No	1.58	Thermal Discharging
UPPO61	301	'8084981___/8084979'	3.33	3.33	3.33	0.53	0.5	3.33	2.16 No	0.5	Element Fault
UPPO61	302	'51035415___/51035417_1'	10		10	1.58	10	10	6.48 No	1.58	Thermal Discharging
UPPO61	303	'38022139___/8426882'	10		10	1.58	4.8	10	6.48 No	1.58	Thermal Discharging
UPPO61	304	'6436362___/6436376'	10		10	1.58	10	10	6.48 No	1.58	Thermal Discharging
UPPO61	305	'425199005___/51035466_2'	10		10	1.58	4.5	10	6.48 No	1.58	Thermal Discharging
UPPO61	306	'6436200___/6436197_2'	10		10	1.58	1.4	10	6.48 No	1.4	Element Fault
UPPO61	307	'622881130___/622881127'	10		10	1.58	0.9	10	6.48 No	0.9	Element Fault
UPPO61	308	'8084998___/8399726'	3.33	3.33	3.33	0.53	0.5	3.33	2.16 No	0.5	Element Fault

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
UPPO61	309	'7490099_/_8640774'		10	10	10	1.58	1.4	10	6.48 No	1.4 Element Fault
UPPO61	310	'7450512_/_7450510_1'		10	10	10	1.58	2.2	10	6.48 No	1.58 Thermal Discharging
UPPO61	311	'6436274_/_6436359'		10	10	10	1.58	10	10	6.48 No	1.58 Thermal Discharging
UPPO61	312	'43914810_/_6436072'		10	10	10	1.58	1.4	10	6.48 No	1.4 Element Fault
UPPO61	313	'8426885_/_44087101'		10	10	10	1.58	4.8	10	6.48 No	1.58 Thermal Discharging
UPPO61	314	'7450222_/_7450220_1'		6.67	6.67	6.67	1.06	0.7	6.67	4.32 No	0.7 Element Fault
UPPO61	315	'114285455_/_114285433'		3.33	3.33	3.33	0.53	1.5	3.33	2.16 No	0.53 Thermal Discharging
UPPO61	316	'51035489_/_51035466_1'		10	10	10	1.58	1.4	10	6.48 No	1.4 Element Fault
UPPO61	317	'6436166_/_6436163'		10	10	10	1.58	4.5	10	6.48 No	1.58 Thermal Discharging
UPPO61	318	'6436053_/_6436271'		10	10	10	1.58	10	10	6.48 No	1.58 Thermal Discharging
UPPO61	319	'51035569_/_51035533_1'		10	10	10	1.58	0.9	10	6.48 No	0.9 Element Fault
UPPO61	320	'426637133_/_43914787_1'		6.67	6.67	6.67	1.06	0.9	6.67	4.32 No	0.9 Element Fault
UPPO61	321	'6436325_/_6436342'		10	10	10	1.58	10	10	6.48 No	1.58 Thermal Discharging
UPPO61	322	'154003844_/_154003862_1'		10	10	10	1.58	1.4	10	6.48 No	1.4 Element Fault
UPPO61	323	'8743567_/_8743564'		10	10	10	1.58	4.8	10	6.48 No	1.58 Thermal Discharging
UPPO61	324	'51035526_/_51035533_2'		10	10	10	1.58	0.9	10	6.48 No	0.9 Element Fault
UPPO61	325	'7450533_/_389974304'		3.33	3.33	3.33	0.53	0.47	3.33	2.16 No	0.47 Element Fault
UPPO61	326	'8710665_/_8710662_2'		6.67	6.67	6.67	1.06	0.9	6.67	4.32 No	0.9 Element Fault
UPPO61	327	'6436032_/_6436322'		10	10	10	1.58	10	10	6.48 No	1.58 Thermal Discharging
UPPO61	328	'426637155_/_43914775_1'		6.67	6.67	6.67	1.06	0.9	6.67	4.32 No	0.9 Element Fault
UPPO61	329	'6436307_/_6436305'		10	10	10	1.58	10	10	6.48 No	1.58 Thermal Discharging
UPPO61	330	'389974292_/_389974320'		3.33	3.33	3.33	0.53	0.47	3.33	2.16 No	0.47 Element Fault
UPPO61	331	'6436109_/_6436123'		10	10	10	1.58	1.4	10	6.48 No	1.4 Element Fault
UPPO61	332	'7450223_/_7450220_2'		6.67	6.67	6.67	1.06	0.7	6.67	4.32 No	0.7 Element Fault
UPPO61	333	'6436108_/_6436106'		10	10	10	1.58	1.4	10	6.48 No	1.4 Element Fault
UPPO61	334	'6436183_/_43916000'		10	10	10	1.58	4.5	10	6.48 No	1.58 Thermal Discharging
UPPO61	335	'57007299_/_406225333'		6.67	6.67	6.67	1.06	0.93	6.67	4.32 No	0.93 Element Fault
UPPO61	336	'7763640_/_8399626_1'		10	10	10	1.58	3.1	10	6.48 No	1.58 Thermal Discharging
UPPO61	337	'9656447_/_9656445'		10	10	10	1.58	1.4	10	6.48 No	1.4 Element Fault
UPPO61	338	'57007307_/_70878278'		10	10	10	1.58	1.4	10	6.48 No	1.4 Element Fault
UPPO61	339	'43914863_/_6436234'		10	10	10	1.58	1.4	10	6.48 No	1.4 Element Fault
UPPO61	340	'7469987_/_9060783'		10	10	10	1.58	4.8	10	6.48 No	1.58 Thermal Discharging
UPPO61	341	'6436054_/_43914787_2'		6.67	6.67	6.67	1.06	0.9	6.67	4.32 No	0.9 Element Fault
UPPO61	342	'8710701_/_9656681'		10	10	10	1.58	4.5	10	6.48 No	1.58 Thermal Discharging
UPPO61	343	'6436033_/_43914775_2'		6.67	6.67	6.67	1.06	0.9	6.67	4.32 No	0.9 Element Fault
UPPO61	344	'8398312_/_9340828'		3.33	3.33	3.33	0.53	1.6	3.33	2.16 No	0.53 Thermal Discharging
UPPO61	345	'433709076_/_434457012_2'		10	10	10	1.58	2.2	10	6.48 No	1.58 Thermal Discharging
UPPO61	346	'426551016_/_434457012_1'		10	10	10	1.58	1.4	10	6.48 No	1.4 Element Fault
UPPO61	347	'8710680_/_8710698_1'		10	10	10	1.58	1.4	10	6.48 No	1.4 Element Fault
UPPO61	348	'425629552_/_425629549'		10	10	10	1.58	1.4	10	6.48 No	1.4 Element Fault
UPPO61	349	'43914836_/_43914838'		10	10	10	1.58	1.4	10	6.48 No	1.4 Element Fault
UPPO61	350	'425629590_/_425629587'		10	10	10	1.58	1.4	10	6.48 No	1.4 Element Fault
UPPO61	351	'449756944_/_425629621_3'		10	10	10	1.58	1.4	10	6.48 No	1.4 Element Fault
UPPO61	352	'7450461_/_9656761'		3.33	3.33	3.33	0.53	1.5	3.33	2.16 No	0.53 Thermal Discharging
UPPO61	353	'389973863_/_7490096'		10	10	10	1.58	1.4	10	6.48 No	1.4 Element Fault
UPPO61	354	'43914823_/_43914825'		10	10	10	1.58	1.4	10	6.48 No	1.4 Element Fault
UPPO61	355	'8710957_/_9656797'		10	10	10	1.58	2.2	10	6.48 No	1.58 Thermal Discharging
UPPO61	356	'8141149_/_654889050'		10	10	10	1.58	4.8	10	6.48 No	1.58 Thermal Discharging
UPPO61	357	'7176463_/_7176566'		10	10	10	1.58	1.4	10	6.48 No	1.4 Element Fault
UPPO61	358	'8721983_/_86407711'		3.33	3.33	3.33	0.53	0.47	3.33	2.16 No	0.47 Element Fault
UPPO61	359	'86407678_/_86407623'		3.33	3.33	3.33	0.53	0.47	3.33	2.16 No	0.47 Element Fault
UPPO61	360	'7176464_/_7176461'		10	10	10	1.58	1.4	10	6.48 No	1.4 Element Fault
UPPO61	361	'8761550_/_8761548_1'		10	10	10	1.58	0.9	10	6.48 No	0.9 Element Fault
UPPO61	362	'8761551_/_8761548_2'		10	10	10	1.58	0.9	10	6.48 No	0.9 Element Fault
UPPO61	363	'57007289_/_57007218'		3.33	3.33	3.33	0.53	0.47	3.33	2.16 No	0.47 Element Fault
UPPO61	364	'433709260_/_459115497_1'		3.5	10	10	1.58	1.4	10	6.48 No	1.4 Element Fault
UPPO61	365	'422121204_/_459115497_2'		3.5	10	10	1.58	1.4	10	6.48 No	1.4 Element Fault
UPPO61	366	'422121224_/_422121206'		3.4	10	10	1.58	1.4	10	6.48 No	1.4 Element Fault
UPPO61	367	'433709064_/_425629621_1'		3.4	10	10	1.58	1.4	10	6.48 No	1.4 Element Fault
UPPO61	368	'6614911_/_422121226'		3.3	10	10	1.58	1.4	10	6.48 No	1.4 Element Fault
UPPO61	369	'6614931_/_6614928'		3.2	10	10	1.58	1.4	10	6.48 No	1.4 Element Fault
UPPO61	370	'409611654_/_401960188_1'		1.07	3.33	3.33	0.53	0.1	3.33	2.16 No	0.1 Element Fault
UPPO61	371	'449756964_/_6614945'		2.9	10	10	1.58	1.4	10	6.48 No	1.4 Element Fault
UPPO61	372	'441285463_/_449756966_1'		2.9	10	10	1.58	1.4	10	6.48 No	1.4 Element Fault
UPPO61	373	'6615100_/_6615117'		2.8	10	10	1.58	1.4	10	6.48 No	1.4 Element Fault
UPPO61	374	'441285499_/_449756966_2'		2.8	10	10	1.58	1.4	10	6.48 No	1.4 Element Fault
UPPO61	375	'6614948_/_449756966_3'		2.7	10	10	1.58	1.4	10	6.48 No	1.4 Element Fault
UPPO61	376	'6615099_/_6615097'		2.6	10	10	1.58	1.4	10	6.48 No	1.4 Element Fault
UPPO61	377	'401960339_/_401960188_2'		0.6	3.33	3.33	0.53	0.1	3.33	2.16 No	0.1 Element Fault
UPPO61	378	'342055133_/_401960188_3'		0.6	3.33	3.33	0.53	0.1	3.33	2.16 No	0.1 Element Fault
UPPO61	379	'700253572_/_700253569'		0.6	3.33	3.33	0.53	0.1	3.33	2.16 No	0.1 Element Fault
UPPO61	380	'700253610_/_700253607'		0.57	3.33	3.33	0.53	0.1	3.33	2.16 No	0.1 Element Fault
UPPO62	0	'UPPO62_/_8100822'		10	10	10	2.39	10	10	10 No	2.39 Thermal Discharging
UPPO62	1	'7779043_/_8100822'		10	10	10	2.39	10	10	5.33 No	2.39 Thermal Discharging
UPPO62	2	'58113071_/_7779041'		10	10	10	2.39	10	10	5.33 No	2.39 Thermal Discharging
UPPO62	3	'58112656_/_8408130'		10	10	10	2.39	10	10	5.33 No	2.39 Thermal Discharging
UPPO62	4	'58112672_/_7465485'		10	10	10	2.39	10	10	5.33 No	2.39 Thermal Discharging
UPPO62	5	'58112684_/_7779281'		10	10	10	2.39	10	10	5.33 No	2.39 Thermal Discharging
UPPO62	6	'58112812_/_58112784'		10	10	10	2.39	10	10	5.33 No	2.39 Thermal Discharging
UPPO62	7	'58112843_/_58112809'		10	10	10	2.39	10	10	5.33 No	2.39 Thermal Discharging
UPPO62	8	'58112874_/_58112840'		10	10	10	2.39	10	10	5.33 No	2.39 Thermal Discharging
UPPO62	9	'58112909_/_58112871'		10	10	10	2.39	10	10	5.33 No	2.39 Thermal Discharging
UPPO62	10	'58112946_/_58112906'		10	10	10	2.39	10	10	5.33 No	2.39 Thermal Discharging
UPPO62	11	'58112983_/_58112943'		10	10	10	2.39	10	10	5.33 No	2.39 Thermal Discharging
UPPO62	12	'58112712_/_58112980'		10	10	10	2.39	10	10	5.33 No	2.39 Thermal Discharging
UPPO62	13	'7450549_/_7763917'		10	10	10	2.39	10	10	5.33 No	2.39 Thermal Discharging
UPPO62	14	'7450548_/_7450546'		10	10	10	2.39	10	10	5.33 No	2.39 Thermal Discharging
UPPO62	15	'8085137_/_9656873'		10	10	10	2.39	1.1	10	5.33 No	1.1 Element Fault
UPPO62	16	'7449831_/_7763817'		10	10	10	2.39	10	10	5.33 No	2.39 Thermal Discharging
UPPO62	17	'7449830_/_7449828'		10	10	10	2.39	10	10	5.33 No	2.39 Thermal Discharging
UPPO62	18	'58112742_/_8085135'		10	10	10	2.39	1.1	10	5.33 No	1.1 Element Fault
UPPO62	19	'7790170_/_8710858'		10	10	10	2.39	10	10	5.33 No	2.39 Thermal Discharging
UPPO62	20	'7464540_/_7790167'		10	10	10	2.39	10	10	5.33 No	2.39 Thermal Discharging
UPPO62	21	'7464539_/_7464537'		10	10	10	2.39	10	10	5.33 No	2.39 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
UPPO62	22	'7778292_/_9359476'		10	10	10	2.39	10	10	5.33 No	2.39 Thermal Discharging
UPPO62	23	'7778291_/_7778289'		10	10	10	2.39	10	10	5.33 No	2.39 Thermal Discharging
UPPO62	24	'37994615_/_8100066'		10	10	10	2.39	10	10	5.33 No	2.39 Thermal Discharging
UPPO62	25	'404952651_/_37994612'		10	10	10	2.39	10	10	5.33 No	2.39 Thermal Discharging
UPPO62	26	'37994517_/_37994514'		10	10	10	2.39	4.5	10	5.33 No	2.39 Thermal Discharging
UPPO62	27	'37994531_/_37994528'		10	10	10	2.39	10	10	5.33 No	2.39 Thermal Discharging
UPPO62	28	'8728152_/_9666810'		10	10	10	2.39	10	10	5.33 No	2.39 Thermal Discharging
UPPO62	29	'37994559_/_9666790'		10	10	10	2.39	4.5	10	5.33 No	2.39 Thermal Discharging
UPPO62	30	'37994552_/_37994563'		10	10	10	2.39	4.5	10	5.33 No	2.39 Thermal Discharging
UPPO62	31	'37994587_/_37994591'		10	10	10	2.39	4.5	10	5.33 No	2.39 Thermal Discharging
UPPO62	32	'37994573_/_37994577'		10	10	10	2.39	4.5	10	5.33 No	2.39 Thermal Discharging
UPPO62	33	'37994545_/_37994549'		10	10	10	2.39	4.5	10	5.33 No	2.39 Thermal Discharging
UPPO62	34	'7464559_/_8728150'		10	10	10	2.39	10	10	5.33 No	2.39 Thermal Discharging
UPPO62	35	'7464560_/_7464557'		10	10	10	2.39	10	10	5.33 No	2.39 Thermal Discharging
UPPO62	36	'8728113_/_9666910'		10	10	10	2.39	10	10	5.33 No	2.39 Thermal Discharging
UPPO62	37	'9359382_/_9359416'		10	10	10	2.39	4.5	10	5.33 No	2.39 Thermal Discharging
UPPO62	38	'8728112_/_8728110'		10	10	10	2.39	10	10	5.33 No	2.39 Thermal Discharging
UPPO62	39	'7484902_/_9382876'		10	10	10	2.39	10	10	5.33 No	2.39 Thermal Discharging
UPPO62	40	'6890032_/_9045253'		10	10	10	2.39	4.5	10	5.33 No	2.39 Thermal Discharging
UPPO62	41	'9045178_/_9359380'		10	10	10	2.39	4.5	10	5.33 No	2.39 Thermal Discharging
UPPO62	42	'7484903_/_7484900'		10	10	10	2.39	10	10	5.33 No	2.39 Thermal Discharging
UPPO62	43	'9045177_/_9045175'		10	10	10	2.39	4.5	10	5.33 No	2.39 Thermal Discharging
UPPO62	44	'6890015_/_6890029'		10	10	10	2.39	4.2	10	5.33 No	2.39 Thermal Discharging
UPPO62	45	'8432022_/_8432020'		10	10	10	2.39	10	10	5.33 No	2.39 Thermal Discharging
UPPO62	46	'395657095_/_6890012_1'		10	10	10	2.39	1.5	10	5.33 No	1.5 Element Fault
UPPO62	47	'395657100_/_6890012_2'		10	10	10	2.39	1.5	10	5.33 No	1.5 Element Fault
UPPO62	48	'9666873_/_9666890_1'		5.5	10	10	2.39	5.1	10	5.33 No	2.39 Thermal Discharging
UPPO62	49	'56892458_/_395657110'		10	10	10	2.39	1.5	10	5.33 No	1.5 Element Fault
UPPO62	50	'38013148_/_9694788'		10	10	10	2.39	10	10	5.33 No	2.39 Thermal Discharging
UPPO62	51	'404641796_/_38013145'		10	10	10	2.39	10	10	5.33 No	2.39 Thermal Discharging
UPPO62	52	'38023620_/_38023617'		10	10	10	2.39	10	10	5.33 No	2.39 Thermal Discharging
UPPO62	53	'38013162_/_38013159'		10	10	10	2.39	10	10	5.33 No	2.39 Thermal Discharging
UPPO62	54	'38013113_/_38013110'		10	10	10	2.39	10	10	5.33 No	2.39 Thermal Discharging
UPPO62	55	'38023662_/_8750610'		10	10	10	2.39	10	10	5.33 No	2.39 Thermal Discharging
UPPO62	56	'404641345_/_69868297'		10	10	10	2.39	10	10	5.33 No	2.39 Thermal Discharging
UPPO62	57	'117269539_/_69868308'		10	10	10	2.39	4.9	10	5.33 No	2.39 Thermal Discharging
UPPO62	58	'38023678_/_38023682'		10	10	10	2.39	4.5	10	5.33 No	2.39 Thermal Discharging
UPPO62	59	'6889909_/_6889958'		10	10	10	2.39	1.5	10	5.33 No	1.5 Element Fault
UPPO62	60	'7778183_/_7778181_1'		6.67	6.67	6.67	1.59	0.6	6.67	3.55 No	0.6 Element Fault
UPPO62	61	'7799869_/_9694528'		10	10	10	2.39	10	10	5.33 No	2.39 Thermal Discharging
UPPO62	62	'7799870_/_7799867'		10	10	10	2.39	10	10	5.33 No	2.39 Thermal Discharging
UPPO62	63	'9378266_/_9378264'		10	10	10	2.39	10	10	5.33 No	2.39 Thermal Discharging
UPPO62	64	'7778184_/_7778181_2'		6.67	6.67	6.67	1.59	0.6	6.67	3.55 No	0.6 Element Fault
UPPO62	65	'44011121_/_6889907'		10	10	10	2.39	1.5	10	5.33 No	1.5 Element Fault
UPPO62	66	'8407479_/_9382856'		10	10	10	2.39	10	10	5.33 No	2.39 Thermal Discharging
UPPO62	67	'395657273_/_395657270'		10	10	10	2.39	1.5	10	5.33 No	1.5 Element Fault
UPPO62	68	'9359302_/_9359300'		10	10	10	2.39	4.5	10	5.33 No	2.39 Thermal Discharging
UPPO62	69	'117269432_/_117269472'		10	10	10	2.39	4.9	10	5.33 No	2.39 Thermal Discharging
UPPO62	70	'7778219_/_7778217_1'		3.33	3.33	3.33	0.8	0.3	3.33	1.78 No	0.3 Element Fault
UPPO62	71	'6889893_/_44011134'		3.33	3.33	3.33	0.8	0.5	3.33	1.78 No	0.5 Element Fault
UPPO62	72	'9045197_/_9045213'		10	10	10	2.39	0.9	10	5.33 No	0.9 Element Fault
UPPO62	73	'8407478_/_8407476'		10	10	10	2.39	10	10	5.33 No	2.39 Thermal Discharging
UPPO62	74	'8121735_/_8121732'		10	10	10	2.39	5.5	10	5.33 No	2.39 Thermal Discharging
UPPO62	75	'8117309_/_9382796'		10	10	10	2.39	5.5	10	5.33 No	2.39 Thermal Discharging
UPPO62	76	'8117308_/_8117306'		10	10	10	2.39	5.5	10	5.33 No	2.39 Thermal Discharging
UPPO62	77	'9359362_/_9359360'		10	10	10	2.39	4.5	10	5.33 No	2.39 Thermal Discharging
UPPO62	78	'9045198_/_9045195'		6.67	6.67	6.67	1.59	0.6	6.67	3.55 No	0.6 Element Fault
UPPO62	79	'8750672_/_8750670'		10	10	10	2.39	5.5	10	5.33 No	2.39 Thermal Discharging
UPPO62	80	'8407277_/_9045293'		10	10	10	2.39	10	10	5.33 No	2.39 Thermal Discharging
UPPO62	81	'49996353_/_8407274_1'		10	10	10	2.39	10	10	5.33 No	2.39 Thermal Discharging
UPPO62	82	'6882258_/_8407274_2'		10	10	10	2.39	10	10	5.33 No	2.39 Thermal Discharging
UPPO62	83	'7169213_/_7169230_1'		10	10	10	2.39	1.4	10	5.33 No	1.4 Element Fault
UPPO62	84	'6882241_/_6882255'		10	10	10	2.39	10	10	5.33 No	2.39 Thermal Discharging
UPPO62	85	'9359402_/_9359400'		3.33	3.33	3.33	0.8	0.3	3.33	1.78 No	0.3 Element Fault
UPPO62	86	'6889929_/_9666756'		6.67	6.67	6.67	1.59	0.6	6.67	3.55 No	0.6 Element Fault
UPPO62	87	'276678913_/_149219346_1'		3.33	3.33	3.33	0.8	0.4	3.33	1.78 No	0.4 Element Fault
UPPO62	88	'44010792_/_44010794'		10	10	10	2.39	10	10	5.33 No	2.39 Thermal Discharging
UPPO62	89	'44010805_/_7169230_2'		10	10	10	2.39	1.4	10	5.33 No	1.4 Element Fault
UPPO62	90	'149219349_/_149219346_2'		3.33	3.33	3.33	0.8	0.4	3.33	1.78 No	0.4 Element Fault
UPPO62	91	'8407423_/_9666774'		3.33	3.33	3.33	0.8	0.3	3.33	1.78 No	0.3 Element Fault
UPPO62	92	'6889304_/_6889369'		10	10	10	2.39	10	10	5.33 No	2.39 Thermal Discharging
UPPO62	93	'44010984_/_6889301'		10	10	10	2.39	10	10	5.33 No	2.39 Thermal Discharging
UPPO62	94	'429486182_/_6889494'		10	10	10	2.39	10	10	5.33 No	2.39 Thermal Discharging
UPPO62	95	'44010818_/_44010807'		10	10	10	2.39	1.4	10	5.33 No	1.4 Element Fault
UPPO62	96	'6889321_/_6889511'		10	10	10	2.39	10	10	5.33 No	2.39 Thermal Discharging
UPPO62	97	'6889354_/_6889352'		10	10	10	2.39	10	10	5.33 No	2.39 Thermal Discharging
UPPO62	98	'7778124_/_9359240_1'		10	10	10	2.39	10	10	5.33 No	2.39 Thermal Discharging
UPPO62	99	'6889389_/_6889403'		10	10	10	2.39	10	10	5.33 No	2.39 Thermal Discharging
UPPO62	100	'9359243_/_9359240_2'		10	10	10	2.39	10	10	5.33 No	2.39 Thermal Discharging
UPPO62	101	'6882224_/_6889318'		10	10	10	2.39	10	10	5.33 No	2.39 Thermal Discharging
UPPO62	102	'410061523_/_412051010_1'		10	10	10	2.39	3.2	10	5.33 No	2.39 Thermal Discharging
UPPO62	103	'6889338_/_6889386'		10	10	10	2.39	10	10	5.33 No	2.39 Thermal Discharging
UPPO62	104	'6889457_/_6889474_1'		10	10	10	2.39	1.4	10	5.33 No	1.4 Element Fault
UPPO62	105	'6889422_/_6889474_2'		10	10	10	2.39	1.4	10	5.33 No	1.4 Element Fault
UPPO62	106	'8407168_/_9666702'		10	10	10	2.39	10	10	5.33 No	2.39 Thermal Discharging
UPPO62	107	'392336666_/_392336621_2'		10	10	10	2.39	10	10	5.33 No	2.39 Thermal Discharging
UPPO62	108	'6882181_/_44010820'		10	10	10	2.39	1.4	10	5.33 No	1.4 Element Fault
UPPO62	109	'6882223_/_6882221'		10	10	10	2.39	10	10	5.33 No	2.39 Thermal Discharging
UPPO62	110	'44010997_/_6889420'		10	10	10	2.39	1.4	10	5.33 No	1.4 Element Fault
UPPO62	111	'456144861_/_44010999'		10	10	10	2.39	1.4	10	5.33 No	1.4 Element Fault
UPPO62	112	'8100032_/_9666850'		10	10	10	2.39	5.5	10	5.33 No	2.39 Thermal Discharging
UPPO62	113	'9045094_/_9045091_2'		3.33	3.33	3.33	0.8	1.4	3.33	1.78 No	0.8 Thermal Discharging
UPPO62	114	'7464307_/_8099888_2'		3.33	3.33	3.33	0.8	1.4	3.33	1.78 No	0.8 Thermal Discharging
UPPO62	115	'8407169_/_8407166'		10	10	10	2.39	10	10	5.33 No	2.39 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
UPPO62	116	'9044950_/_9044947'		10	10	10	2.39	10	10	5.33 No	2.39 Thermal Discharging
UPPO62	117	'6889031_/_6889045'		10	10	10	2.39	10	10	5.33 No	2.39 Thermal Discharging
UPPO62	118	'7778084_/_9666550'		10	10	10	2.39	10	10	5.33 No	2.39 Thermal Discharging
UPPO62	119	'149219362_/_149219359'	3.33		3.33	3.33	0.8	0.4	3.33	1.78 No	0.4 Element Fault
UPPO62	120	'44010932_/_6889028'		10	10	10	2.39	10	10	5.33 No	2.39 Thermal Discharging
UPPO62	121	'44010882_/_44010884'		10	10	10	2.39	1.4	10	5.33 No	1.4 Element Fault
UPPO62	122	'37994293_/_7778081'		10	10	10	2.39	10	10	5.33 No	2.39 Thermal Discharging
UPPO62	123	'404952919_/_37994290'		10	10	10	2.39	10	10	5.33 No	2.39 Thermal Discharging
UPPO62	124	'37994307_/_37994304'		10	10	10	2.39	2.3	10	5.33 No	2.3 Element Fault
UPPO62	125	'37994321_/_37994318'		10	10	10	2.39	10	10	5.33 No	2.39 Thermal Discharging
UPPO62	126	'37994335_/_37994332'		8.1	10	10	2.39	2.2	10	5.33 No	2.2 Element Fault
UPPO62	127	'6888997_/_6889011'		10	10	10	2.39	10	10	5.33 No	2.39 Thermal Discharging
UPPO62	128	'8099890_/_8099888_1'	3.33		3.33	3.33	0.8	0.5	3.33	1.78 No	0.5 Element Fault
UPPO62	129	'7464167_/_8099868'		10	10	10	2.39	10	10	5.33 No	2.39 Thermal Discharging
UPPO62	130	'6882163_/_6882198'		10	10	10	2.39	1.4	10	5.33 No	1.4 Element Fault
UPPO62	131	'6888980_/_6888994'		10	10	10	2.39	10	10	5.33 No	2.39 Thermal Discharging
UPPO62	132	'7464168_/_7464165'		10	10	10	2.39	10	10	5.33 No	2.39 Thermal Discharging
UPPO62	133	'6888963_/_6888977'		10	10	10	2.39	10	10	5.33 No	2.39 Thermal Discharging
UPPO62	134	'9666573_/_9666570'		10	10	10	2.39	2.3	10	5.33 No	2.3 Element Fault
UPPO62	135	'7464876_/_7464873'		10	10	10	2.39	10	10	5.33 No	2.39 Thermal Discharging
UPPO62	136	'6888923_/_6888960'		10	10	10	2.39	10	10	5.33 No	2.39 Thermal Discharging
UPPO62	137	'6888906_/_6888903_2'		10	10	10	2.39	4.5	10	5.33 No	2.39 Thermal Discharging
UPPO62	138	'7464247_/_7464245_1'	7.8		10	10	2.39	4.5	10	5.33 No	2.39 Thermal Discharging
UPPO62	139	'7778675_/_9359968'		10	10	10	2.39	10	10	5.33 No	2.39 Thermal Discharging
UPPO62	140	'6888943_/_6888940'		10	10	10	2.39	10	10	5.33 No	2.39 Thermal Discharging
UPPO62	141	'149219375_/_149219372'	3.33		3.33	3.33	0.8	0.4	3.33	1.78 No	0.4 Element Fault
UPPO62	142	'37994398_/_7778673'		10	10	10	2.39	10	10	5.33 No	2.39 Thermal Discharging
UPPO62	143	'404952838_/_37994395'		10	10	10	2.39	10	10	5.33 No	2.39 Thermal Discharging
UPPO62	144	'37994951_/_37994948'		10	10	10	2.39	10	10	5.33 No	2.39 Thermal Discharging
UPPO62	145	'37994363_/_37994360'		10	10	10	2.39	4.5	10	5.33 No	2.39 Thermal Discharging
UPPO62	146	'37994377_/_37994374'		10	10	10	2.39	4.5	10	5.33 No	2.39 Thermal Discharging
UPPO62	147	'6888889_/_6888903_1'		10	10	10	2.39	1.5	10	5.33 No	1.5 Element Fault
UPPO62	148	'44010945_/_6889062'		10	10	10	2.39	10	10	5.33 No	2.39 Thermal Discharging
UPPO62	149	'6889081_/_6889079'		10	10	10	2.39	10	10	5.33 No	2.39 Thermal Discharging
UPPO62	150	'339511158_/_339510907_1'	3.33		3.33	3.33	0.8	0.4	3.33	1.78 No	0.4 Element Fault
UPPO62	151	'339511115_/_9359220_1'		10	10	10	2.39	1.7	10	5.33 No	1.7 Element Fault
UPPO62	152	'6889098_/_6889096'		10	10	10	2.39	10	10	5.33 No	2.39 Thermal Discharging
UPPO62	153	'8407872_/_8407870'		10	10	10	2.39	10	10	5.33 No	2.39 Thermal Discharging
UPPO62	154	'9045078_/_9045091_1'	3.33		3.33	3.33	0.8	0.5	3.33	1.78 No	0.5 Element Fault
UPPO62	155	'6888871_/_6888886'		10	10	10	2.39	1.5	10	5.33 No	1.5 Element Fault
UPPO62	156	'9045042_/_9359220_2'		10	10	10	2.39	1.7	10	5.33 No	1.7 Element Fault
UPPO62	157	'8407313_/_8407310_2'	3.33		3.33	3.33	0.8	1.4	3.33	1.78 No	0.8 Thermal Discharging
UPPO62	158	'339510910_/_339510907_2'	3.33		3.33	3.33	0.8	0.4	3.33	1.78 No	0.4 Element Fault
UPPO62	159	'44010971_/_44010960'		10	10	10	2.39	10	10	5.33 No	2.39 Thermal Discharging
UPPO62	160	'7464915_/_9359948'		10	10	10	2.39	10	10	5.33 No	2.39 Thermal Discharging
UPPO62	161	'8100033_/_8100030'		10	10	10	2.39	5.5	10	5.33 No	2.39 Thermal Discharging
UPPO62	162	'6889930_/_6889927'	3.33		3.33	3.33	0.8	0.3	3.33	1.78 No	0.3 Element Fault
UPPO62	163	'9359930_/_9359928'		10	10	10	2.39	4.5	10	5.33 No	2.39 Thermal Discharging
UPPO62	164	'6889136_/_44010973'		10	10	10	2.39	10	10	5.33 No	2.39 Thermal Discharging
UPPO62	165	'7778252_/_9045155'		10	10	10	2.39	5.5	10	5.33 No	2.39 Thermal Discharging
UPPO62	166	'6889153_/_6889150'		10	10	10	2.39	10	10	5.33 No	2.39 Thermal Discharging
UPPO62	167	'6889813_/_6889945'	3.33		3.33	3.33	0.8	0.3	3.33	1.78 No	0.3 Element Fault
UPPO62	168	'6889170_/_6889184'		10	10	10	2.39	10	10	5.33 No	2.39 Thermal Discharging
UPPO62	169	'67916533_/_67916506_1'		10	10	10	2.39	10	10	5.33 No	2.39 Thermal Discharging
UPPO62	170	'8100016_/_8407420'	3.33		3.33	3.33	0.8	0.3	3.33	1.78 No	0.3 Element Fault
UPPO62	171	'6888852_/_6888869'		10	10	10	2.39	1.5	10	5.33 No	1.5 Element Fault
UPPO62	172	'7464323_/_8407294'	3.33		3.33	3.33	0.8	0.5	3.33	1.78 No	0.5 Element Fault
UPPO62	173	'37994937_/_7464913'		10	10	10	2.39	10	10	5.33 No	2.39 Thermal Discharging
UPPO62	174	'404953006_/_37994934'		10	10	10	2.39	10	10	5.33 No	2.39 Thermal Discharging
UPPO62	175	'37994272_/_37994269'		10	10	10	2.39	4.6	10	5.33 No	2.39 Thermal Discharging
UPPO62	176	'37994264_/_37994353'		10	10	10	2.39	10	10	5.33 No	2.39 Thermal Discharging
UPPO62	177	'6889206_/_6889204_1'	3.33		3.33	3.33	0.8	0.3	3.33	1.78 No	0.3 Element Fault
UPPO62	178	'8739202_/_9671864'		10	10	10	2.39	4.5	10	5.33 No	2.39 Thermal Discharging
UPPO62	179	'6893187_/_8099848'		10	10	10	2.39	4.6	10	5.33 No	2.39 Thermal Discharging
UPPO62	180	'6889207_/_6889204_2'	3.33		3.33	3.33	0.8	0.3	3.33	1.78 No	0.3 Element Fault
UPPO62	181	'8100464_/_8100462'		10	10	10	2.39	10	10	5.33 No	2.39 Thermal Discharging
UPPO62	182	'339510923_/_339510921'	3.33		3.33	3.33	0.8	0.4	3.33	1.78 No	0.4 Element Fault
UPPO62	183	'7778251_/_7778249'		10	10	10	2.39	5.5	10	5.33 No	2.39 Thermal Discharging
UPPO62	184	'7479045_/_9671804'		10	10	10	2.39	10	10	5.33 No	2.39 Thermal Discharging
UPPO62	185	'7778235_/_8100014'	3.3		3.33	3.33	0.8	0.3	3.33	1.78 No	0.3 Element Fault
UPPO62	186	'6888818_/_6888849'		10	10	10	2.39	1.5	10	5.33 No	1.5 Element Fault
UPPO62	187	'9045041_/_9045039'		10	10	10	2.39	1.7	10	5.33 No	1.7 Element Fault
UPPO62	188	'9045077_/_9045075'	3.33		3.33	3.33	0.8	0.5	3.33	1.78 No	0.5 Element Fault
UPPO62	189	'8739203_/_8739200'		10	10	10	2.39	4.5	10	5.33 No	2.39 Thermal Discharging
UPPO62	190	'7778236_/_7778233'	3.17		3.33	3.33	0.8	0.3	3.33	1.78 No	0.3 Element Fault
UPPO62	191	'6893186_/_360117326'		10	10	10	2.39	4.6	10	5.33 No	2.39 Thermal Discharging
UPPO62	192	'7464324_/_7464321'	3.33		3.33	3.33	0.8	0.5	3.33	1.78 No	0.5 Element Fault
UPPO62	193	'7479044_/_7479042'		10	10	10	2.39	10	10	5.33 No	2.39 Thermal Discharging
UPPO62	194	'9032593_/_9347724'		10	10	10	2.39	4.5	10	5.33 No	2.39 Thermal Discharging
UPPO62	195	'6889797_/_6889810'		3	3.33	3.33	0.8	0.3	3.33	1.78 No	0.3 Element Fault
UPPO62	196	'7564541_/_75645447'		10	10	10	2.39	4.5	10	5.33 No	2.39 Thermal Discharging
UPPO62	197	'44010908_/_6888815'		10	10	10	2.39	1.5	10	5.33 No	1.5 Element Fault
UPPO62	198	'44010921_/_6889233'	3.33		3.33	3.33	0.8	0.3	3.33	1.78 No	0.3 Element Fault
UPPO62	199	'8727999_/_9666630_1'	3.33		3.33	3.33	0.8	0.5	3.33	1.78 No	0.5 Element Fault
UPPO62	200	'9032594_/_75645414'		10	10	10	2.39	4.5	10	5.33 No	2.39 Thermal Discharging
UPPO62	201	'7766596_/_8709774'		10	10	10	2.39	10	10	5.33 No	2.39 Thermal Discharging
UPPO62	202	'9045275_/_9666830'		9	10	10	2.39	5.5	10	5.33 No	2.39 Thermal Discharging
UPPO62	203	'8422597_/_9347704'		10	10	10	2.39	4.5	10	5.33 No	2.39 Thermal Discharging
UPPO62	204	'7766595_/_7766593'		10	10	10	2.39	10	10	5.33 No	2.39 Thermal Discharging
UPPO62	205	'8407312_/_8407310_1'	3.33		3.33	3.33	0.8	0.4	3.33	1.78 No	0.4 Element Fault
UPPO62	206	'6882275_/_6888832'		10	10	10	2.39	1.5	10	5.33 No	1.5 Element Fault
UPPO62	207	'9666649_/_9666646'		10	10	10	2.39	1.7	10	5.33 No	1.7 Element Fault
UPPO62	208	'8422596_/_8422594'		10	10	10	2.39	4.5	10	5.33 No	2.39 Thermal Discharging
UPPO62	209	'394589748_/_391179030'		10	10	10	2.39	10	10	5.33 No	2.39 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
UPPO62	210	'6889223_/_6889220'	3.33		3.33	3.33	0.8	0.3	3.33	1.78 No	0.3 Element Fault
UPPO62	211	'44010895_/_4401089'	10		10	10	2.39	1.5	10	5.33 No	1.5 Element Fault
UPPO62	212	'9045671_/_9045669'	10		10	10	2.39	4.6	10	5.33 No	2.39 Thermal Discharging
UPPO62	213	'333824715_/_333824734'	3.33		3.33	3.33	0.8	1.4	3.33	1.78 No	0.8 Thermal Discharging
UPPO62	214	'44011077_/_44011079'	2.47		3.33	3.33	0.8	0.3	3.33	1.78 No	0.3 Element Fault
UPPO62	215	'8728392_/_8728390'	10		10	10	2.39	4.5	10	5.33 No	2.39 Thermal Discharging
UPPO62	216	'6882274_/_6882272'	10		10	10	2.39	0.9	10	5.33 No	0.9 Element Fault
UPPO62	217	'8087806_/_394589754'	10		10	10	2.39	10	10	5.33 No	2.39 Thermal Discharging
UPPO62	218	'76521304_/_8087803_1'	10		10	10	2.39	10	10	5.33 No	2.39 Thermal Discharging
UPPO62	219	'6889249_/_6889246'	3.33		3.33	3.33	0.8	0.3	3.33	1.78 No	0.3 Element Fault
UPPO62	220	'76521285_/_8087803_2'	10		10	10	2.39	10	10	5.33 No	2.39 Thermal Discharging
UPPO62	221	'6512127_/_6512144'	10		10	10	2.39	10	10	5.33 No	2.39 Thermal Discharging
UPPO62	222	'420288029_/_420287377_2'	10		10	10	2.39	10	10	5.33 No	2.39 Thermal Discharging
UPPO62	223	'424910572_/_6512161'	10		10	10	2.39	10	10	5.33 No	2.39 Thermal Discharging
UPPO62	224	'396313889_/_396313796_1'	3.33		3.33	3.33	0.8	0.4	3.33	1.78 No	0.4 Element Fault
UPPO62	225	'424911706_/_424910570_1'	10		10	10	2.39	10	10	5.33 No	2.39 Thermal Discharging
UPPO62	226	'424911916_/_6512178_3'	10		10	10	2.39	10	10	5.33 No	2.39 Thermal Discharging
UPPO62	227	'43937043_/_420287377_1'	10		10	10	2.39	2.2	10	5.33 No	2.2 Element Fault
UPPO62	228	'424910573_/_424910570_2'	10		10	10	2.39	10	10	5.33 No	2.39 Thermal Discharging
UPPO62	229	'8727978_/_8727976'	10		10	10	2.39	0.9	10	5.33 No	0.9 Element Fault
UPPO62	230	'6511947_/_6512178_2'	10		10	10	2.39	1.5	10	5.33 No	1.5 Element Fault
UPPO62	231	'428459940_/_424910987'	10		10	10	2.39	1.5	10	5.33 No	1.5 Element Fault
UPPO62	232	'6511948_/_6511962_1'	10		10	10	2.39	1.4	10	5.33 No	1.4 Element Fault
UPPO62	233	'7464188_/_9045273'	6.4		10	10	2.39	5.5	10	5.33 No	2.39 Thermal Discharging
UPPO62	234	'6511982_/_6512178_1'	10		10	10	2.39	1.5	10	5.33 No	1.5 Element Fault
UPPO62	235	'385742227_/_384660148'	6.4		10	10	2.39	5.5	10	5.33 No	2.39 Thermal Discharging
UPPO62	236	'384660299_/_384660296'	6.4		10	10	2.39	5.5	10	5.33 No	2.39 Thermal Discharging
UPPO62	237	'385742220_/_384660306'	6.4		10	10	2.39	5.5	10	5.33 No	2.39 Thermal Discharging
UPPO62	238	'384660183_/_384660313'	6.4		10	10	2.39	5.5	10	5.33 No	2.39 Thermal Discharging
UPPO62	239	'6512035_/_6512033'	10		10	10	2.39	1.5	10	5.33 No	1.5 Element Fault
UPPO62	240	'6511965_/_6511962_2'	10		10	10	2.39	1.4	10	5.33 No	1.4 Element Fault
UPPO62	241	'386275772_/_384660185'	6.4		10	10	2.39	5.5	10	5.33 No	2.39 Thermal Discharging
UPPO62	242	'424910599_/_424910596'	10		10	10	2.39	10	10	5.33 No	2.39 Thermal Discharging
UPPO62	243	'7778064_/_384660167'	6.2		10	10	2.39	5.1	10	5.33 No	2.39 Thermal Discharging
UPPO62	244	'424910627_/_424910624'	10		10	10	2.39	10	10	5.33 No	2.39 Thermal Discharging
UPPO62	245	'6512093_/_6531883'	10		10	10	2.39	1.5	10	5.33 No	1.5 Element Fault
UPPO62	246	'6889796_/_6889794'	2.13		3.33	3.33	0.8	0.3	3.33	1.78 No	0.3 Element Fault
UPPO62	247	'7464896_/_9359988'	10		10	10	2.39	4.6	10	5.33 No	2.39 Thermal Discharging
UPPO62	248	'43937057_/_43937045'	10		10	10	2.39	2.2	10	5.33 No	2.2 Element Fault
UPPO62	249	'6531654_/_7453200_1'	10		10	10	2.39	1.4	10	5.33 No	1.4 Element Fault
UPPO62	250	'43937083_/_6512090'	10		10	10	2.39	1.5	10	5.33 No	1.5 Element Fault
UPPO62	251	'424910664_/_424910661'	10		10	10	2.39	10	10	5.33 No	2.39 Thermal Discharging
UPPO62	252	'424910710_/_424910707'	10		10	10	2.39	10	10	5.33 No	2.39 Thermal Discharging
UPPO62	253	'6511999_/_6511996'	10		10	10	2.39	1.5	10	5.33 No	1.5 Element Fault
UPPO62	254	'424910552_/_6540146_2'	10		10	10	2.39	10	10	5.33 No	2.39 Thermal Discharging
UPPO62	255	'9045651_/_9671844'	10		10	10	2.39	4.5	10	5.33 No	2.39 Thermal Discharging
UPPO62	256	'6531852_/_6540146_1'	10		10	10	2.39	10	10	5.33 No	2.39 Thermal Discharging
UPPO62	257	'6540149_/_424910496'	10		10	10	2.39	10	10	5.33 No	2.39 Thermal Discharging
UPPO62	258	'6512075_/_6512073'	10		10	10	2.39	1.5	10	5.33 No	1.5 Element Fault
UPPO62	259	'9032534_/_9660454_1'	10		10	10	2.39	1.5	10	5.33 No	1.5 Element Fault
UPPO62	260	'6889262_/_6889259'	3.33		3.33	3.33	0.8	0.3	3.33	1.78 No	0.3 Element Fault
UPPO62	261	'6531851_/_6531849'	10		10	10	2.39	10	10	5.33 No	2.39 Thermal Discharging
UPPO62	262	'6540183_/_6540180'	10		10	10	2.39	10	10	5.33 No	2.39 Thermal Discharging
UPPO62	263	'424910866_/_424910868'	10		10	10	2.39	10	10	5.33 No	2.39 Thermal Discharging
UPPO62	264	'7453202_/_7453200_2'	10		10	10	2.39	1.4	10	5.33 No	1.4 Element Fault
UPPO62	265	'6531581_/_6531708'	10		10	10	2.39	1.5	10	5.33 No	1.5 Element Fault
UPPO62	266	'6540199_/_6540197'	10		10	10	2.39	10	10	5.33 No	2.39 Thermal Discharging
UPPO62	267	'8710016_/_8710014_1'	10		10	10	2.39	1.4	10	5.33 No	1.4 Element Fault
UPPO62	268	'6540263_/_6540277'	10		10	10	2.39	10	10	5.33 No	2.39 Thermal Discharging
UPPO62	269	'6540240_/_6540260'	10		10	10	2.39	10	10	5.33 No	2.39 Thermal Discharging
UPPO62	270	'8710037_/_9660474_1'	10		10	10	2.39	10	10	5.33 No	2.39 Thermal Discharging
UPPO62	271	'7885459_/_7885457_1'	10		10	10	2.39	1.5	10	5.33 No	1.5 Element Fault
UPPO62	272	'6889275_/_6889272'	3.33		3.33	3.33	0.8	0.3	3.33	1.78 No	0.3 Element Fault
UPPO62	273	'6512056_/_6512053'	10		10	10	2.39	1.4	10	5.33 No	1.4 Element Fault
UPPO62	274	'37977463_/_9660474_2'	10		10	10	2.39	10	10	5.33 No	2.39 Thermal Discharging
UPPO62	275	'429709892_/_37977461'	10		10	10	2.39	10	10	5.33 No	2.39 Thermal Discharging
UPPO62	276	'37977478_/_37977482'	10		10	10	2.39	10	10	5.33 No	2.39 Thermal Discharging
UPPO62	277	'37977506_/_429709900'	10		10	10	2.39	10	10	5.33 No	2.39 Thermal Discharging
UPPO62	278	'9660457_/_9660454_2'	10		10	10	2.39	1.5	10	5.33 No	1.5 Element Fault
UPPO62	279	'6540239_/_6540237'	10		10	10	2.39	10	10	5.33 No	2.39 Thermal Discharging
UPPO62	280	'43937070_/_6531691'	10		10	10	2.39	1.5	10	5.33 No	1.5 Element Fault
UPPO62	281	'600724540_/_495420072_1'	10		10	10	2.39	0.9	10	5.33 No	0.9 Element Fault
UPPO62	282	'8710017_/_8710014_2'	10		10	10	2.39	1.4	10	5.33 No	1.4 Element Fault
UPPO62	283	'6531580_/_6531578'	6.67		6.67	6.67	1.59	1	6.67	3.55 No	1 Element Fault
UPPO62	284	'118130477_/_8087863_1'	10		10	10	2.39	1.4	10	5.33 No	1.4 Element Fault
UPPO62	285	'6540364_/_6540378'	10		10	10	2.39	10	10	5.33 No	2.39 Thermal Discharging
UPPO62	286	'9347607_/_9347604'	10		10	10	2.39	1.3	10	5.33 No	1.3 Element Fault
UPPO62	287	'6540346_/_6540344_1'	10		10	10	2.39	10	10	5.33 No	2.39 Thermal Discharging
UPPO62	288	'43937285_/_43937287'	10		10	10	2.39	10	10	5.33 No	2.39 Thermal Discharging
UPPO62	289	'9660401_/_495420072_2'	10		10	10	2.39	0.9	10	5.33 No	0.9 Element Fault
UPPO62	290	'7464895_/_7464893'	10		10	10	2.39	4.6	10	5.33 No	2.39 Thermal Discharging
UPPO62	291	'6539913_/_6540314'	10		10	10	2.39	10	10	5.33 No	2.39 Thermal Discharging
UPPO62	292	'422669595_/_6531599'	6.67		6.67	6.67	1.59	0.93	6.67	3.55 No	0.93 Element Fault
UPPO62	293	'6539973_/_6540021'	10		10	10	2.39	10	10	5.33 No	2.39 Thermal Discharging
UPPO62	294	'7453383_/_9032571_1'	10		10	10	2.39	10	10	5.33 No	2.39 Thermal Discharging
UPPO62	295	'7778044_/_9045649'	10		10	10	2.39	4.5	10	5.33 No	2.39 Thermal Discharging
UPPO62	296	'6539914_/_6539924_1'	3.33		3.33	3.33	0.8	0.4	3.33	1.78 No	0.4 Element Fault
UPPO62	297	'6539972_/_6539970'	10		10	10	2.39	10	10	5.33 No	2.39 Thermal Discharging
UPPO62	298	'6539990_/_6539987_2'	10		10	10	2.39	4.8	10	5.33 No	2.39 Thermal Discharging
UPPO62	299	'7464460_/_8728090'	5		10	10	2.39	5.1	10	5.33 No	2.39 Thermal Discharging
UPPO62	300	'6539841_/_6539987_1'	10		10	10	2.39	3.4	10	5.33 No	2.39 Thermal Discharging
UPPO62	301	'7766756_/_8709974_2'	10		10	10	2.39	3.4	10	5.33 No	2.39 Thermal Discharging
UPPO62	302	'6539927_/_6539924_2'	3.33		3.33	3.33	0.8	0.4	3.33	1.78 No	0.4 Element Fault
UPPO62	303	'37977549_/_9032571_2'	10		10	10	2.39	10	10	5.33 No	2.39 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Over-Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
UPPO62	304	'405074694_/37977546'		10	10	10	2.39	10	10	5.33 No	2.39 Thermal Discharging
UPPO62	305	'37977556_/37977553'		10	10	10	2.39	2.2	10	5.33 No	2.2 Element Fault
UPPO62	306	'37977521_/37977518'		10	10	10	2.39	10	10	5.33 No	2.39 Thermal Discharging
UPPO62	307	'37977535_/37977532'		10	10	10	2.39	2.3	10	5.33 No	2.3 Element Fault
UPPO62	308	'7885460_/7885457_2'		10	10	10	2.39	1.5	10	5.33 No	1.5 Element Fault
UPPO62	309	'7464288_/8727956'		9.6	10	10	2.39	4.6	10	5.33 No	2.39 Thermal Discharging
UPPO62	310	'6539804_/6539838'		10	10	10	2.39	3.4	10	5.33 No	2.39 Thermal Discharging
UPPO62	311	'7453362_/7885437'		10	10	10	2.39	2.2	10	5.33 No	2.2 Element Fault
UPPO62	312	'6539943_/6539940'		3.33	3.33	3.33	0.8	0.4	3.33	1.78 No	0.4 Element Fault
UPPO62	313	'7464248_/7778041'		9	10	10	2.39	4.5	10	5.33 No	2.39 Thermal Discharging
UPPO62	314	'7885420_/8088021'		10	10	10	2.39	2.3	10	5.33 No	2.3 Element Fault
UPPO62	315	'50346456_/7453360_1'		10	10	10	2.39	2.3	10	5.33 No	2.3 Element Fault
UPPO62	316	'7464459_/7464457'		4.6	10	10	2.39	5.1	10	5.33 No	2.39 Thermal Discharging
UPPO62	317	'8709976_/8709974_1'		10	10	10	2.39	2.3	10	5.33 No	2.3 Element Fault
UPPO62	318	'43937272_/43937274'		10	10	10	2.39	3.4	10	5.33 No	2.39 Thermal Discharging
UPPO62	319	'6540334_/6540331'		3.33	3.33	3.33	0.8	0.4	3.33	1.78 No	0.4 Element Fault
UPPO62	320	'43937816_/6544474'		3.33	3.33	3.33	0.8	0.4	3.33	1.78 No	0.4 Element Fault
UPPO62	321	'8709996_/8709994'		10	10	10	2.39	2.3	10	5.33 No	2.3 Element Fault
UPPO62	322	'412051000_/412051010_2'		7.3	10	10	2.39	3.2	10	5.33 No	2.39 Thermal Discharging
UPPO62	323	'6539750_/6539821'		10	10	10	2.39	3.4	10	5.33 No	2.39 Thermal Discharging
UPPO62	324	'110910460_/6540435_2'		10	10	10	2.39	3.4	10	5.33 No	2.39 Thermal Discharging
UPPO62	325	'6544477_/43937818'		3.33	3.33	3.33	0.8	0.4	3.33	1.78 No	0.4 Element Fault
UPPO62	326	'6540437_/6540435_1'		10	10	10	2.39	2.4	10	5.33 No	2.39 Thermal Discharging
UPPO62	327	'6539770_/6539767'		10	10	10	2.39	3.2	10	5.33 No	2.39 Thermal Discharging
UPPO62	328	'110910429_/6539784_1'		10	10	10	2.39	2.3	10	5.33 No	2.3 Element Fault
UPPO62	329	'8710296_/9032471'		10	10	10	2.39	2.3	10	5.33 No	2.3 Element Fault
UPPO62	330	'6539749_/6539747'		9.7	10	10	2.39	3.1	10	5.33 No	2.39 Thermal Discharging
UPPO62	331	'8710297_/8710294'		10	10	10	2.39	2.3	10	5.33 No	2.3 Element Fault
UPPO62	332	'6539787_/6539784_2'		8.5	10	10	2.39	2.3	10	5.33 No	2.3 Element Fault
UPPO62	333	'6540478_/6540476'		7.9	10	10	2.39	2.4	10	5.33 No	2.39 Thermal Discharging
UPPO62	334	'49250398_/67916897_1'		7.9	10	10	2.39	1.4	10	5.33 No	1.4 Element Fault
UPPO62	335	'6539858_/6539855'		7.6	10	10	2.39	2.3	10	5.33 No	2.3 Element Fault
UPPO62	336	'7885480_/7885477'		4.47	6.67	6.67	1.59	0.93	6.67	3.55 No	0.93 Element Fault
UPPO62	337	'7885819_/8710314'		8	10	10	2.39	2.3	10	5.33 No	2.3 Element Fault
UPPO62	338	'396313777_/396313796_2'		2.43	3.33	3.33	0.8	0.4	3.33	1.78 No	0.4 Element Fault
UPPO62	339	'43937324_/6540524'		2.7	3.33	3.33	0.8	0.8	3.33	1.78 No	0.8 Thermal Discharging
UPPO62	340	'6540884_/6540881'		7.1	10	10	2.39	2.3	10	5.33 No	2.3 Element Fault
UPPO62	341	'6540458_/43937262'		4.87	6.67	6.67	1.59	1.53	6.67	3.55 No	1.53 Element Fault
UPPO62	342	'43937298_/6540504'		7	10	10	2.39	2.4	10	5.33 No	2.39 Thermal Discharging
UPPO62	343	'67916900_/67916897_2'		6.8	10	10	2.39	1.4	10	5.33 No	1.4 Element Fault
UPPO62	344	'43937404_/6540898'		6.7	10	10	2.39	2.3	10	5.33 No	2.3 Element Fault
UPPO62	345	'6539877_/6539890'		4.53	6.67	6.67	1.59	1.53	6.67	3.55 No	1.53 Element Fault
UPPO62	346	'7885799_/7885817'		6.9	10	10	2.39	2.3	10	5.33 No	2.3 Element Fault
UPPO62	347	'6539878_/6539875'		4.4	6.67	6.67	1.59	1.53	6.67	3.55 No	1.53 Element Fault
UPPO62	348	'6545445_/6545458'		2.73	3.33	3.33	0.8	0.8	3.33	1.78 No	0.8 Thermal Discharging
UPPO62	349	'7885500_/67916920'		4.3	10	10	2.39	1.4	10	5.33 No	1.4 Element Fault
UPPO62	350	'6540489_/6540487'		6.3	10	10	2.39	2.4	10	5.33 No	2.39 Thermal Discharging
UPPO62	351	'7885800_/7885797'		6.6	10	10	2.39	2.3	10	5.33 No	2.3 Element Fault
UPPO62	352	'7885860_/7885857_1'		2.63	3.33	3.33	0.8	0.4	3.33	1.78 No	0.4 Element Fault
UPPO62	353	'6540921_/43937406'		6.1	10	10	2.39	2.3	10	5.33 No	2.3 Element Fault
UPPO62	354	'8712973_/7885857_2'		2.57	3.33	3.33	0.8	0.4	3.33	1.78 No	0.4 Element Fault
UPPO62	355	'8087923_/9347564'		5.6	10	10	2.39	2.3	10	5.33 No	2.3 Element Fault
UPPO62	356	'6540938_/6540935'		5.8	10	10	2.39	2.3	10	5.33 No	2.3 Element Fault
UPPO62	357	'6545444_/6545442'		2.47	3.33	3.33	0.8	0.8	3.33	1.78 No	0.8 Thermal Discharging
UPPO62	358	'6543870_/6543868'		5.7	10	10	2.39	2.4	10	5.33 No	2.39 Thermal Discharging
UPPO62	359	'49250387_/9032631_1'		5.7	10	10	2.39	1.4	10	5.33 No	1.4 Element Fault
UPPO62	360	'469027142_/411422762_1'		5.7	10	10	2.39	1.4	10	5.33 No	1.4 Element Fault
UPPO62	361	'467504847_/8087921'		5.6	10	10	2.39	2.3	10	5.33 No	2.3 Element Fault
UPPO62	362	'9032634_/9032631_2'		5.5	10	10	2.39	1.4	10	5.33 No	1.4 Element Fault
UPPO62	363	'8087905_/8087903'		3.73	6.67	6.67	1.59	1.53	6.67	3.55 No	1.53 Element Fault
UPPO62	364	'407717422_/6540952'		5.4	10	10	2.39	2.3	10	5.33 No	2.3 Element Fault
UPPO62	365	'467504880_/467504896'		5.6	10	10	2.39	2.3	10	5.33 No	2.3 Element Fault
UPPO62	366	'411422895_/411422762_2'		5.3	10	10	2.39	1.4	10	5.33 No	1.4 Element Fault
UPPO62	367	'6543891_/6543888'		5.2	10	10	2.39	2.4	10	5.33 No	2.39 Thermal Discharging
UPPO62	368	'6524428_/6524426'		5.2	10	10	2.39	1.4	10	5.33 No	1.4 Element Fault
UPPO62	369	'43937417_/407717424'		5.1	10	10	2.39	2.3	10	5.33 No	2.3 Element Fault
UPPO62	370	'6540975_/9032611_1'		5	10	10	2.39	1.4	10	5.33 No	1.4 Element Fault
UPPO62	371	'43936419_/6532098'		5.1	10	10	2.39	1.4	10	5.33 No	1.4 Element Fault
UPPO62	372	'6544327_/6544341'		1.77	3.33	3.33	0.8	0.47	3.33	1.78 No	0.47 Element Fault
UPPO62	373	'411422384_/411422386'		5.1	10	10	2.39	1.4	10	5.33 No	1.4 Element Fault
UPPO62	374	'467504814_/467504912'		5.3	10	10	2.39	2.3	10	5.33 No	2.3 Element Fault
UPPO62	375	'9032614_/9032611_2'		5	10	10	2.39	1.4	10	5.33 No	1.4 Element Fault
UPPO62	376	'9032418_/467504818'		5	10	10	2.39	2.3	10	5.33 No	2.3 Element Fault
UPPO62	377	'8087943_/9032451'		4.9	10	10	2.39	2.3	10	5.33 No	2.3 Element Fault
UPPO62	378	'8087944_/8087941'		4.8	10	10	2.39	2.3	10	5.33 No	2.3 Element Fault
UPPO62	379	'8087963_/8087961'		4.6	10	10	2.39	2.3	10	5.33 No	2.3 Element Fault
UPPO62	380	'67916923_/67916955'		1.5	3.33	3.33	0.8	0.47	3.33	1.78 No	0.47 Element Fault
UPPO62	381	'8710277_/8710274'		4.4	10	10	2.39	2.3	10	5.33 No	2.3 Element Fault
UPPO62	382	'246594886_/9380714_1'		4.2	10	10	2.39	2.3	10	5.33 No	2.3 Element Fault
UPPO62	383	'8709960_/9032435'		1.37	3.33	3.33	0.8	0.77	3.33	1.78 No	0.77 Element Fault
UPPO63	0	'UPPO63_/8408150'		10	10	10	2.21	10	10	1.66 No	2.21 Thermal Discharging
UPPO63	1	'7465248_/8408150'		10	10	10	2.21	10	10	1.66 No	1.66 Unintentional Islanding
UPPO63	2	'58113498_/7465245'		10	10	10	2.21	10	10	1.66 No	1.66 Unintentional Islanding
UPPO63	3	'58113506_/8728654'		10	10	10	2.21	10	10	1.66 No	1.66 Unintentional Islanding
UPPO63	4	'58113514_/9045953'		10	10	10	2.21	10	10	1.65 No	1.65 Unintentional Islanding
UPPO63	5	'58113770_/7465125'		10	10	10	2.21	10	10	1.65 No	1.65 Unintentional Islanding
UPPO63	6	'58113743_/58113767'		10	10	10	2.21	10	10	1.65 No	1.65 Unintentional Islanding
UPPO63	7	'58113716_/58113740'		10	10	10	2.21	10	10	1.65 No	1.65 Unintentional Islanding
UPPO63	8	'58113689_/58113713'		10	10	10	2.21	10	10	1.65 No	1.65 Unintentional Islanding
UPPO63	9	'58113662_/58113686'		10	10	10	2.21	10	10	1.65 No	1.65 Unintentional Islanding
UPPO63	10	'58113631_/58113659'		10	10	10	2.21	10	10	1.65 No	1.65 Unintentional Islanding
UPPO63	11	'58113594_/58113628'		10	10	10	2.21	10	10	1.65 No	1.65 Unintentional Islanding
UPPO63	12	'58113567_/58113591'		10	10	10	2.21	10	10	1.64 No	1.64 Unintentional Islanding
UPPO63	13	'58113536_/58113564'		10	10	10	2.21	10	10	1.64 No	1.64 Unintentional Islanding

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
UPPO63	14	'7887927_/_7887925'	10	10	10	2.21	10	10	1.64 No	1.64	Unintentional Islanding
UPPO63	15	'408483814_/_8090390_1'	10	10	10	2.21	10	10	1.64 No	1.64	Unintentional Islanding
UPPO63	16	'275468824_/_8090390_2'	10	10	10	2.21	10	10	1.64 No	1.64	Unintentional Islanding
UPPO63	17	'275469038_/_275469035'	10	10	10	2.21	10	10	1.64 No	1.64	Unintentional Islanding
UPPO63	18	'275469356_/_275469053_1'	10	10	10	2.21	10	10	1.64 No	1.64	Unintentional Islanding
UPPO63	19	'275468573_/_6624231'	10	10	10	2.21	10	10	1.64 No	1.64	Unintentional Islanding
UPPO63	20	'7455719_/_7455716'	10	10	10	2.21	10	10	1.64 No	1.64	Unintentional Islanding
UPPO63	21	'8090352_/_9349960'	10	10	10	2.21	10	10	1.64 No	1.64	Unintentional Islanding
UPPO63	22	'49173052_/_7769189'	10	10	10	2.21	10	10	1.64 No	1.64	Unintentional Islanding
UPPO63	23	'275469056_/_275469053_2'	10	10	10	2.21	10	10	1.64 No	1.64	Unintentional Islanding
UPPO63	24	'275468488_/_44063468'	10	10	10	2.21	10	10	1.64 No	1.64	Unintentional Islanding
UPPO63	25	'7455812_/_7455810_1'	10	10	10	2.21	10	10	1.64 No	1.64	Unintentional Islanding
UPPO63	26	'43954792_/_7455810_2'	10	10	10	2.21	10	10	1.64 No	1.64	Unintentional Islanding
UPPO63	27	'275468453_/_6623926'	10	10	10	2.21	10	10	1.64 No	1.64	Unintentional Islanding
UPPO63	28	'43954702_/_43954704'	10	10	10	2.21	10	10	1.64 No	1.64	Unintentional Islanding
UPPO63	29	'6624217_/_43954794'	10	10	10	2.21	10	10	1.64 No	1.64	Unintentional Islanding
UPPO63	30	'275468366_/_65355442'	10	10	10	2.21	10	10	1.64 No	1.64	Unintentional Islanding
UPPO63	31	'6624171_/_6624271'	10	10	10	2.21	10	10	1.64 No	1.64	Unintentional Islanding
UPPO63	32	'6623946_/_6624168'	10	10	10	2.21	10	10	1.64 No	1.64	Unintentional Islanding
UPPO63	33	'6623909_/_6624151'	10	10	10	2.21	10	10	1.64 No	1.64	Unintentional Islanding
UPPO63	34	'6624073_/_68966001'	10	10	10	2.21	10	10	1.64 No	1.64	Unintentional Islanding
UPPO63	35	'6623891_/_6624128'	10	10	10	2.21	10	10	1.64 No	1.64	Unintentional Islanding
UPPO63	36	'6624204_/_6624202_1'	3.33	3.33	3.33	0.74	0.4	3.33	0.55 No	0.4	Element Fault
UPPO63	37	'6624050_/_6624048_1'	10	10	10	2.21	1.4	10	1.64 No	1.4	Element Fault
UPPO63	38	'6613216_/_6623943'	10	10	10	2.21	10	10	1.64 No	1.64	Unintentional Islanding
UPPO63	39	'6623871_/_6623889'	10	10	10	2.21	10	10	1.64 No	1.64	Unintentional Islanding
UPPO63	40	'649527968_/_649527901_1'	10	10	10	2.21	1.4	10	1.64 No	1.4	Element Fault
UPPO63	41	'228321941_/_6613179'	10	10	10	2.21	10	10	1.64 No	1.64	Unintentional Islanding
UPPO63	42	'6613215_/_6613213'	10	10	10	2.21	10	10	1.64 No	1.64	Unintentional Islanding
UPPO63	43	'6623872_/_6624088_1'	10	10	10	2.21	1.5	10	1.64 No	1.5	Element Fault
UPPO63	44	'6624602_/_6624616'	10	10	10	2.21	10	10	1.64 No	1.64	Unintentional Islanding
UPPO63	45	'43953191_/_228321950'	10	10	10	2.21	10	10	1.64 No	1.64	Unintentional Islanding
UPPO63	46	'6613091_/_6613105'	10	10	10	2.21	10	10	1.64 No	1.64	Unintentional Islanding
UPPO63	47	'6624601_/_6624599'	10	10	10	2.21	10	10	1.64 No	1.64	Unintentional Islanding
UPPO63	48	'6624033_/_6624048_2'	10	10	10	2.21	1.4	10	1.64 No	1.4	Element Fault
UPPO63	49	'6624658_/_6624656'	10	10	10	2.21	10	10	1.64 No	1.64	Unintentional Islanding
UPPO63	50	'649527917_/_649527901_2'	10	10	10	2.21	1.4	10	1.64 No	1.4	Element Fault
UPPO63	51	'43953165_/_43953167'	10	10	10	2.21	10	10	1.64 No	1.64	Unintentional Islanding
UPPO63	52	'6613074_/_6613071_2'	10	10	10	2.21	10	10	1.64 No	1.64	Unintentional Islanding
UPPO63	53	'44420169_/_6624202_2'	3.33	3.33	3.33	0.74	0.4	3.33	0.55 No	0.4	Element Fault
UPPO63	54	'356310027_/_356309980_1'	3.33	3.33	3.33	0.74	0.3	3.33	0.55 No	0.3	Element Fault
UPPO63	55	'6624676_/_6624690'	10	10	10	2.21	10	10	1.64 No	1.64	Unintentional Islanding
UPPO63	56	'49934379_/_7769093_1'	3.33	3.33	3.33	0.74	0.4	3.33	0.55 No	0.4	Element Fault
UPPO63	57	'6613057_/_6613071_1'	10	10	10	2.21	10	10	1.64 No	1.64	Unintentional Islanding
UPPO63	58	'6624639_/_6624673'	10	10	10	2.21	10	10	1.64 No	1.64	Unintentional Islanding
UPPO63	59	'6613040_/_6613054'	10	10	10	2.21	10	10	1.64 No	1.64	Unintentional Islanding
UPPO63	60	'418421278_/_385537031_1'	10	10	10	2.21	1.4	10	1.64 No	1.4	Element Fault
UPPO63	61	'7769096_/_7769093_2'	3.33	3.33	3.33	0.74	0.4	3.33	0.55 No	0.4	Element Fault
UPPO63	62	'6613039_/_6613037'	10	10	10	2.21	10	10	1.63 No	1.63	Unintentional Islanding
UPPO63	63	'356309960_/_356309980_2'	3.33	3.33	3.33	0.74	0.3	3.33	0.55 No	0.3	Element Fault
UPPO63	64	'418421272_/_385537083_1'	10	10	10	2.21	1.4	10	1.64 No	1.4	Element Fault
UPPO63	65	'720114088_/_6623798'	10	10	10	2.21	10	10	1.63 No	1.63	Unintentional Islanding
UPPO63	66	'467863998_/_6623781'	10	10	10	2.21	10	10	1.63 No	1.63	Unintentional Islanding
UPPO63	67	'43954742_/_43954744'	10	10	10	2.21	10	10	1.63 No	1.63	Unintentional Islanding
UPPO63	68	'467863946_/_467864004'	10	10	10	2.21	10	10	1.63 No	1.63	Unintentional Islanding
UPPO63	69	'725787171_/_725787205'	10	10	10	2.21	5.1	10	1.64 No	1.64	Unintentional Islanding
UPPO63	70	'9350057_/_9350054'	3.33	3.33	3.33	0.74	0.4	3.33	0.55 No	0.4	Element Fault
UPPO63	71	'6613023_/_6613233'	10	10	10	2.21	10	10	1.63 No	1.63	Unintentional Islanding
UPPO63	72	'6624584_/_6624582'	10	10	10	2.21	10	10	1.63 No	1.63	Unintentional Islanding
UPPO63	73	'725787189_/_725787221'	10	10	10	2.21	5.1	10	1.64 No	1.64	Unintentional Islanding
UPPO63	74	'9056557_/_125011229_1'	10	10	10	2.21	1.8	10	1.63 No	1.63	Unintentional Islanding
UPPO63	75	'6621235_/_6621233'	10	10	10	2.21	10	10	1.63 No	1.63	Unintentional Islanding
UPPO63	76	'6624465_/_6624462_2'	10	10	10	2.21	10	10	1.63 No	1.63	Unintentional Islanding
UPPO63	77	'43953117_/_43953119'	10	10	10	2.21	10	10	1.63 No	1.63	Unintentional Islanding
UPPO63	78	'6896622_/_7112524'	10	10	10	2.21	10	10	1.63 No	1.63	Unintentional Islanding
UPPO63	79	'454007920_/_454007715_1'	10	10	10	2.21	1.4	10	1.63 No	1.4	Element Fault
UPPO63	80	'6624291_/_6624462_1'	10	10	10	2.21	10	10	1.63 No	1.63	Unintentional Islanding
UPPO63	81	'6612999_/_6613250'	10	10	10	2.21	10	10	1.63 No	1.63	Unintentional Islanding
UPPO63	82	'6624290_/_6624305_2'	10	10	10	2.21	10	10	1.63 No	1.63	Unintentional Islanding
UPPO63	83	'6896605_/_6896619'	10	10	10	2.21	10	10	1.63 No	1.63	Unintentional Islanding
UPPO63	84	'6623389_/_6624088_2'	10	10	10	2.21	1.5	10	1.64 No	1.5	Element Fault
UPPO63	85	'6623854_/_6624031'	10	10	10	2.21	1.4	10	1.64 No	1.4	Element Fault
UPPO63	86	'6621903_/_6624305_1'	10	10	10	2.21	10	10	1.63 No	1.63	Unintentional Islanding
UPPO63	87	'44012556_/_44012558'	10	10	10	2.21	10	10	1.63 No	1.63	Unintentional Islanding
UPPO63	88	'6631406_/_7112507'	10	10	10	2.21	10	10	1.63 No	1.63	Unintentional Islanding
UPPO63	89	'6896604_/_6896602'	10	10	10	2.21	10	10	1.63 No	1.63	Unintentional Islanding
UPPO63	90	'6614704_/_6621900'	10	10	10	2.21	10	10	1.63 No	1.63	Unintentional Islanding
UPPO63	91	'6631405_/_6631403'	10	10	10	2.21	10	10	1.63 No	1.63	Unintentional Islanding
UPPO63	92	'6900479_/_6900493_2'	10	10	10	2.21	10	10	1.63 No	1.63	Unintentional Islanding
UPPO63	93	'6896588_/_6900493_1'	10	10	10	2.21	10	10	1.63 No	1.63	Unintentional Islanding
UPPO63	94	'44012988_/_6901373'	10	10	10	2.21	10	10	1.63 No	1.63	Unintentional Islanding
UPPO63	95	'6614703_/_6614683_3'	6.67	6.67	6.67	1.47	2.1	6.67	1.09 No	1.09	Unintentional Islanding
UPPO63	96	'6639231_/_6639300_1'	10	10	10	2.21	1.4	10	1.63 No	1.4	Element Fault
UPPO63	97	'6631422_/_6631420'	10	10	10	2.21	10	10	1.63 No	1.63	Unintentional Islanding
UPPO63	98	'508871699_/_43956813_1'	6.67	6.67	6.67	1.47	0.9	6.67	1.09 No	0.9	Element Fault
UPPO63	99	'6896896_/_6896894_2'	3.33	3.33	3.33	0.74	1	3.33	0.54 No	0.54	Unintentional Islanding
UPPO63	100	'67917970_/_6901108_1'	3.33	3.33	3.33	0.74	0.4	3.33	0.54 No	0.4	Element Fault
UPPO63	101	'478225054_/_43956813_2'	6.67	6.67	6.67	1.47	0.9	6.67	1.08 No	0.9	Element Fault
UPPO63	102	'43953212_/_43953219'	10	10	10	2.21	10	10	1.63 No	1.63	Unintentional Islanding
UPPO63	103	'6896564_/_6896585'	10	10	10	2.21	10	10	1.63 No	1.63	Unintentional Islanding
UPPO63	104	'6628557_/_6639246'	10	10	10	2.21	10	10	1.63 No	1.63	Unintentional Islanding
UPPO63	105	'6895930_/_6896562'	10	10	10	2.21	10	10	1.63 No	1.63	Unintentional Islanding
UPPO63	106	'6630277_/_6630291'	10	10	10	2.21	10	10	1.63 No	1.63	Unintentional Islanding
UPPO63	107	'6621273_/_6621287'	10	10	10	2.21	10	10	1.63 No	1.63	Unintentional Islanding

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
UPPO63	108	'6628558_/_6631834_1'		10	10	10	2.21	1.5	10	1.63 No	1.5 Element Fault
UPPO63	109	'6896884_/_6896894_1'		3.33	3.33	3.33	0.74	0.5	3.33	0.54 No	0.5 Element Fault
UPPO63	110	'367839062_/_6614683_2'		6.67	6.67	6.67	1.47	1	6.67	1.09 No	1 Element Fault
UPPO63	111	'6896301_/_6896545'		10	10	10	2.21	10	10	1.63 No	1.63 Unintentional Islanding
UPPO63	112	'6621272_/_6621270'		10	10	10	2.21	10	10	1.63 No	1.63 Unintentional Islanding
UPPO63	113	'6628545_/_6630274'		10	10	10	2.21	10	10	1.63 No	1.63 Unintentional Islanding
UPPO63	114	'43953178_/_6615659'		10	10	10	2.21	4.1	10	1.63 No	1.63 Unintentional Islanding
UPPO63	115	'6895931_/_6895928_1'		3.33	3.33	3.33	0.74	0.4	3.33	0.54 No	0.4 Element Fault
UPPO63	116	'385536970_/_385537031_2'		10	10	10	2.21	1.4	10	1.63 No	1.4 Element Fault
UPPO63	117	'6896639_/_6896636'		10	10	10	2.21	10	10	1.63 No	1.63 Unintentional Islanding
UPPO63	118	'6883018_/_7112622'		10	10	10	2.21	10	10	1.62 No	1.62 Unintentional Islanding
UPPO63	119	'6895915_/_6895928_2'		3.33	3.33	3.33	0.74	0.4	3.33	0.54 No	0.4 Element Fault
UPPO63	120	'6896954_/_6896952'		10	10	10	2.21	10	10	1.63 No	1.63 Unintentional Islanding
UPPO63	121	'6623855_/_6623852'		10	10	10	2.21	1.4	10	1.63 No	1.4 Element Fault
UPPO63	122	'350429980_/_43953180_1'		10	10	10	2.21	2.7	10	1.63 No	1.63 Unintentional Islanding
UPPO63	123	'6613124_/_7112541'		10	10	10	2.21	10	10	1.62 No	1.62 Unintentional Islanding
UPPO63	124	'454007879_/_454007715_2'		10	10	10	2.21	1.4	10	1.63 No	1.4 Element Fault
UPPO63	125	'6896883_/_6896881'		3.33	3.33	3.33	0.74	0.5	3.33	0.54 No	0.5 Element Fault
UPPO63	126	'6628529_/_43956667_2'		3.33	3.33	3.33	0.74	1	3.33	0.54 No	0.54 Unintentional Islanding
UPPO63	127	'6883019_/_6883016'		10	10	10	2.21	10	10	1.62 No	1.62 Unintentional Islanding
UPPO63	128	'385537012_/_385537083_2'		10	10	10	2.21	1.4	10	1.63 No	1.4 Element Fault
UPPO63	129	'6901157_/_6901171'		10	10	10	2.21	10	10	1.62 No	1.62 Unintentional Islanding
UPPO63	130	'125011223_/_125011229_2'		10	10	10	2.21	1.8	10	1.63 No	1.63 Unintentional Islanding
UPPO63	131	'7162748_/_6883033'		10	10	10	2.21	10	10	1.62 No	1.62 Unintentional Islanding
UPPO63	132	'6901082_/_6901108_2'		3.33	3.33	3.33	0.74	0.4	3.33	0.54 No	0.4 Element Fault
UPPO63	133	'6614685_/_6614683_1'		6.67	6.67	6.67	1.47	1	6.67	1.08 No	1 Element Fault
UPPO63	134	'6613125_/_6613122'		10	10	10	2.21	10	10	1.62 No	1.62 Unintentional Islanding
UPPO63	135	'7162765_/_7162779_1'		10	10	10	2.21	1.6	10	1.62 No	1.6 Element Fault
UPPO63	136	'385537650_/_385537382_1'		10	10	10	2.21	1.4	10	1.62 No	1.4 Element Fault
UPPO63	137	'6639303_/_6639300_2'		10	10	10	2.21	1.4	10	1.63 No	1.4 Element Fault
UPPO63	138	'385537725_/_385537057_1'		10	10	10	2.21	1.4	10	1.63 No	1.4 Element Fault
UPPO63	139	'6895494_/_6883093'		10	10	10	2.21	10	10	1.62 No	1.62 Unintentional Islanding
UPPO63	140	'6901140_/_6901154'		10	10	10	2.21	10	10	1.62 No	1.62 Unintentional Islanding
UPPO63	141	'125011307_/_125011336'		10	10	10	2.21	1.8	10	1.63 No	1.63 Unintentional Islanding
UPPO63	142	'6613142_/_6613139'		10	10	10	2.21	10	10	1.62 No	1.62 Unintentional Islanding
UPPO63	143	'6901217_/_6901214'		10	10	10	2.21	1.5	10	1.62 No	1.5 Element Fault
UPPO63	144	'125011262_/_125011318'		10	10	10	2.21	1.8	10	1.63 No	1.63 Unintentional Islanding
UPPO63	145	'6614792_/_43953156'		3.33	3.33	3.33	0.74	0.5	3.33	0.54 No	0.5 Element Fault
UPPO63	146	'6584136_/_7111886'		10	10	10	2.21	10	10	1.62 No	1.62 Unintentional Islanding
UPPO63	147	'44012964_/_44012966'		10	10	10	2.21	10	10	1.62 No	1.62 Unintentional Islanding
UPPO63	148	'43953252_/_6613159'		10	10	10	2.21	10	10	1.62 No	1.62 Unintentional Islanding
UPPO63	149	'470666947_/_459772891_2'		10	10	10	2.21	10	10	1.62 No	1.62 Unintentional Islanding
UPPO63	150	'6623390_/_6623387'		10	10	10	2.21	1.5	10	1.63 No	1.5 Element Fault
UPPO63	151	'6895495_/_7112461_1'		3.33	3.33	3.33	0.74	0.4	3.33	0.54 No	0.4 Element Fault
UPPO63	152	'6584119_/_6584133'		10	10	10	2.21	10	10	1.62 No	1.62 Unintentional Islanding
UPPO63	153	'44012977_/_6901040'		3.33	3.33	3.33	0.74	0.3	3.33	0.54 No	0.3 Element Fault
UPPO63	154	'6612747_/_459772891_1'		10	10	10	2.21	10	10	1.62 No	1.62 Unintentional Islanding
UPPO63	155	'470666910_/_459773362_2'		10	10	10	2.21	5.1	10	1.62 No	1.62 Unintentional Islanding
UPPO63	156	'43956665_/_43956667_1'		3.33	3.33	3.33	0.74	0.4	3.33	0.54 No	0.4 Element Fault
UPPO63	157	'6580222_/_6584116'		10	10	10	2.21	10	10	1.62 No	1.62 Unintentional Islanding
UPPO63	158	'6612660_/_43953180_2'		10	10	10	2.21	2.7	10	1.63 No	1.63 Unintentional Islanding
UPPO63	159	'6612771_/_6612781_1'		3.33	3.33	3.33	0.74	0.5	3.33	0.54 No	0.5 Element Fault
UPPO63	160	'6584085_/_6584099'		10	10	10	2.21	10	10	1.62 No	1.62 Unintentional Islanding
UPPO63	161	'44012999_/_6901201'		3.33	3.33	3.33	0.74	0.5	3.33	0.54 No	0.5 Element Fault
UPPO63	162	'44013010_/_44013012'		10	10	10	2.21	1.5	10	1.62 No	1.5 Element Fault
UPPO63	163	'6580044_/_6584082'		10	10	10	2.21	10	10	1.62 No	1.62 Unintentional Islanding
UPPO63	164	'6580223_/_6580246_1'		3.33	3.33	3.33	0.74	0.5	3.33	0.54 No	0.5 Element Fault
UPPO63	165	'6895956_/_7162779_2'		10	10	10	2.21	1.6	10	1.62 No	1.6 Element Fault
UPPO63	166	'6584067_/_6584065'		10	10	10	2.21	10	10	1.62 No	1.62 Unintentional Islanding
UPPO63	167	'478225005_/_6631834_2'		10	10	10	2.21	1.5	10	1.62 No	1.5 Element Fault
UPPO63	168	'7157916_/_7157929_1'		3.33	3.33	3.33	0.74	0.3	3.33	0.54 No	0.3 Element Fault
UPPO63	169	'459772909_/_459773362_1'		10	10	10	2.21	1.4	10	1.62 No	1.4 Element Fault
UPPO63	170	'385537963_/_385537382_2'		10	10	10	2.21	1.4	10	1.62 No	1.4 Element Fault
UPPO63	171	'6580045_/_6580055_1'		3.33	3.33	3.33	0.74	0.4	3.33	0.54 No	0.4 Element Fault
UPPO63	172	'6901043_/_44012979'		3.33	3.33	3.33	0.74	0.3	3.33	0.54 No	0.3 Element Fault
UPPO63	173	'6584051_/_6585225'		10	10	10	2.21	10	10	1.62 No	1.62 Unintentional Islanding
UPPO63	174	'6610785_/_6615615'		6.67	6.67	6.67	1.47	1	6.67	1.08 No	1 Element Fault
UPPO63	175	'9056558_/_9056555'		10	10	10	2.21	1.8	10	1.63 No	1.63 Unintentional Islanding
UPPO63	176	'6580018_/_6584048'		10	10	10	2.21	10	10	1.62 No	1.62 Unintentional Islanding
UPPO63	177	'43947092_/_6580055_2'		3.33	3.33	3.33	0.74	0.4	3.33	0.54 No	0.4 Element Fault
UPPO63	178	'67918062_/_6895954'		10	10	10	2.21	1.6	10	1.62 No	1.6 Element Fault
UPPO63	179	'6901081_/_6901079'		3.33	3.33	3.33	0.74	0.4	3.33	0.54 No	0.4 Element Fault
UPPO63	180	'6897128_/_6901231'		10	10	10	2.21	1.5	10	1.62 No	1.5 Element Fault
UPPO63	181	'6584017_/_6584031'		10	10	10	2.21	10	10	1.61 No	1.61 Unintentional Islanding
UPPO63	182	'6580019_/_6580029_1'		3.33	3.33	3.33	0.74	0.4	3.33	0.54 No	0.4 Element Fault
UPPO63	183	'123032356_/_7112461_2'		3.33	3.33	3.33	0.74	0.4	3.33	0.54 No	0.4 Element Fault
UPPO63	184	'6610786_/_6610783'		6.67	6.67	6.67	1.47	1	6.67	1.08 No	1 Element Fault
UPPO63	185	'459773273_/_459773316'		10	10	10	2.21	1.4	10	1.62 No	1.4 Element Fault
UPPO63	186	'271413352_/_7162704_1'		10	10	10	2.21	1	10	1.62 No	1 Element Fault
UPPO63	187	'6628515_/_6628526'		3.33	3.33	3.33	0.74	0.4	3.33	0.54 No	0.4 Element Fault
UPPO63	188	'43953241_/_6612781_2'		3.33	3.33	3.33	0.74	0.5	3.33	0.54 No	0.5 Element Fault
UPPO63	189	'6614754_/_6614751'		6.67	6.67	6.67	1.47	1.8	6.67	1.08 No	1.08 Unintentional Islanding
UPPO63	190	'6584000_/_6584014'		10	10	10	2.21	10	10	1.61 No	1.61 Unintentional Islanding
UPPO63	191	'43947081_/_6580029_2'		3.33	3.33	3.33	0.74	0.4	3.33	0.54 No	0.4 Element Fault
UPPO63	192	'6628574_/_6631851'		10	10	10	2.21	1.5	10	1.62 No	1.5 Element Fault
UPPO63	193	'6580235_/_6580246_2'		3.33	3.33	3.33	0.74	0.5	3.33	0.54 No	0.5 Element Fault
UPPO63	194	'6612659_/_6612657'		10	10	10	2.21	2.7	10	1.63 No	1.63 Unintentional Islanding
UPPO63	195	'385537342_/_385537967'		10	10	10	2.21	1.4	10	1.62 No	1.4 Element Fault
UPPO63	196	'6610801_/_6610798'		3.33	3.33	3.33	0.74	0.4	3.33	0.54 No	0.4 Element Fault
UPPO63	197	'6580070_/_6583997'		10	10	10	2.21	10	10	1.61 No	1.61 Unintentional Islanding
UPPO63	198	'6896926_/_6896923'		3.33	3.33	3.33	0.74	0.5	3.33	0.54 No	0.5 Element Fault
UPPO63	199	'6901069_/_6901095'		3.33	3.33	3.33	0.74	0.4	3.33	0.54 No	0.4 Element Fault
UPPO63	200	'6580032_/_43947083'		3.33	3.33	3.33	0.74	0.4	3.33	0.54 No	0.4 Element Fault
UPPO63	201	'123032374_/_6623583_1'		3.33	3.33	3.33	0.74	0.4	3.33	0.54 No	0.4 Element Fault

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
UPPO63	202	'385537819_/459773279'		10	10	10	2.21	1.4	10	1.62 No	1.4 Element Fault
UPPO63	203	'6896020_/7157929_2'	3.33		3.33	3.33	0.74	0.3	3.33	0.54 No	0.3 Element Fault
UPPO63	204	'6583966_/6583980'	10	10	10	10	2.21	10	10	1.61 No	1.61 Unintentional Islanding
UPPO63	205	'43954766_/6624807'	10	10	10	10	2.21	1.5	10	1.63 No	1.5 Element Fault
UPPO63	206	'385538017_/412507050'	10	10	10	10	2.21	1.4	10	1.62 No	1.4 Element Fault
UPPO63	207	'7162690_/7162704_2'	10	10	10	10	2.21	1	10	1.62 No	1 Element Fault
UPPO63	208	'6580071_/6580097_1'	3.33	3.33	3.33	0.4	0.33	0.54 No	0.4 Element Fault		
UPPO63	209	'6628575_/6628572'	10	10	10	10	2.21	1.5	10	1.62 No	1.5 Element Fault
UPPO63	210	'459773457_/385537434_1'	10	10	10	10	2.21	1.4	10	1.62 No	1.4 Element Fault
UPPO63	211	'6583965_/6583963'	10	10	10	10	2.21	10	10	1.61 No	1.61 Unintentional Islanding
UPPO63	212	'6901124_/6901188'	3.33	3.33	3.33	0.74	0.5	3.33	0.54 No	0.5 Element Fault	
UPPO63	213	'154833824_/154833826'	10	10	10	10	2.21	10	10	1.61 No	1.61 Unintentional Islanding
UPPO63	214	'154837784_/154837743_1'	10	10	10	10	2.21	1.4	10	1.61 No	1.4 Element Fault
UPPO63	215	'6638863_/7111601'	3.33	3.33	3.33	0.74	0.4	3.33	0.54 No	0.4 Element Fault	
UPPO63	216	'6591144_/6591142'	10	10	10	10	2.21	10	10	1.61 No	1.61 Unintentional Islanding
UPPO63	217	'6897129_/6897126'	10	10	10	10	2.21	1.5	10	1.62 No	1.5 Element Fault
UPPO63	218	'6591192_/6591209_1'	10	10	10	10	2.21	1.7	10	1.61 No	1.61 Unintentional Islanding
UPPO63	219	'43956733_/7111585'	3.33	3.33	3.33	0.74	0.4	3.33	0.54 No	0.4 Element Fault	
UPPO63	220	'43954680_/6623583_2'	3.33	3.33	3.33	0.74	0.4	3.33	0.54 No	0.4 Element Fault	
UPPO63	221	'6619637_/6619634'	6.67	6.67	6.67	1.47	1	6.67	1.08 No	1 Element Fault	
UPPO63	222	'43948117_/6591209_2'	10	10	10	10	2.21	1.7	10	1.61 No	1.61 Unintentional Islanding
UPPO63	223	'6628592_/6628589'	10	10	10	10	2.21	1.5	10	1.62 No	1.5 Element Fault
UPPO63	224	'6628629_/7112428'	3.33	3.33	3.33	0.74	0.5	3.33	0.54 No	0.5 Element Fault	
UPPO63	225	'6615825_/6615835'	3.33	3.33	3.33	0.74	0.5	3.33	0.54 No	0.5 Element Fault	
UPPO63	226	'6591128_/6591159'	10	10	10	10	2.21	10	10	1.61 No	1.61 Unintentional Islanding
UPPO63	227	'262454105_/6589090_2'	3.33	3.33	3.33	0.74	1	3.33	0.54 No	0.54 Unintentional Islanding	
UPPO63	228	'43953143_/7162799'	10	10	10	10	2.21	1	10	1.62 No	1 Element Fault
UPPO63	229	'6591129_/6591239_1'	3.33	3.33	3.33	0.74	0.5	3.33	0.54 No	0.5 Element Fault	
UPPO63	230	'6591111_/6591125'	10	10	10	10	2.21	10	10	1.61 No	1.61 Unintentional Islanding
UPPO63	231	'6901123_/6901121'	3.33	3.33	3.33	0.74	0.5	3.33	0.54 No	0.5 Element Fault	
UPPO63	232	'690136377_/590079002_1'	10	10	10	10	2.21	1.4	10	1.61 No	1.4 Element Fault
UPPO63	233	'6619651_/6619683'	10	10	10	10	2.21	2.7	10	1.63 No	1.63 Unintentional Islanding
UPPO63	234	'6614772_/6614769'	10	10	10	10	2.21	2.7	10	1.63 No	1.63 Unintentional Islanding
UPPO63	235	'6589342_/6591108'	10	10	10	10	2.21	10	10	1.61 No	1.61 Unintentional Islanding
UPPO63	236	'6896938_/6897146'	3.33	3.33	3.33	0.74	0.5	3.33	0.54 No	0.5 Element Fault	
UPPO63	237	'6591178_/6591239_2'	3.33	3.33	3.33	0.74	0.5	3.33	0.54 No	0.5 Element Fault	
UPPO63	238	'43956676_/6628513'	3.33	3.33	3.33	0.74	0.4	3.33	0.54 No	0.4 Element Fault	
UPPO63	239	'43954755_/7112494'	3.33	3.33	3.33	0.74	0.5	3.33	0.54 No	0.5 Element Fault	
UPPO63	240	'6589264_/6589339'	10	10	10	10	2.21	10	10	1.61 No	1.61 Unintentional Islanding
UPPO63	241	'267731442_/267731153_2'	10	10	10	10	2.21	2.7	10	1.63 No	1.63 Unintentional Islanding
UPPO63	242	'6580236_/6580233'	3.33	3.33	3.33	0.74	0.5	3.33	0.54 No	0.5 Element Fault	
UPPO63	243	'6580086_/6580097_2'	3.33	3.33	3.33	0.74	0.4	3.33	0.54 No	0.4 Element Fault	
UPPO63	244	'44012648_/6896766'	6.67	6.67	6.67	1.47	1.07	6.67	1.08 No	1.07 Element Fault	
UPPO63	245	'43948051_/6589090_1'	3.33	3.33	3.33	0.74	0.4	3.33	0.54 No	0.4 Element Fault	
UPPO63	246	'6589265_/6589275_1'	3.33	3.33	3.33	0.74	0.5	3.33	0.53 No	0.5 Element Fault	
UPPO63	247	'6897162_/6897159'	10	10	10	10	2.21	1.5	10	1.62 No	1.5 Element Fault
UPPO63	248	'6591179_/6591176'	3.33	3.33	3.33	0.74	0.5	3.33	0.54 No	0.5 Element Fault	
UPPO63	249	'89096207_/89096216'	10	10	10	10	2.21	1.5	10	1.63 No	1.5 Element Fault
UPPO63	250	'6628697_/43956735'	3.33	3.33	3.33	0.74	0.4	3.33	0.54 No	0.4 Element Fault	
UPPO63	251	'7464976_/9671956_1'	10	10	10	10	2.21	0.9	10	1.62 No	0.9 Element Fault
UPPO63	252	'6589307_/6589322'	10	10	10	10	2.21	10	10	1.6 No	1.6 Unintentional Islanding
UPPO63	253	'6582651_/6589687'	6.67	6.67	6.67	1.47	1.13	6.67	1.07 No	1.07 Unintentional Islanding	
UPPO63	254	'43956755_/6638861'	3.33	3.33	3.33	0.74	0.4	3.33	0.54 No	0.4 Element Fault	
UPPO63	255	'267731134_/267731153_1'	10	10	10	10	2.21	0.9	10	1.62 No	0.9 Element Fault
UPPO63	256	'267968376_/267968373'	3.33	3.33	3.33	0.74	0.9	3.33	0.54 No	0.54 Unintentional Islanding	
UPPO63	257	'6580005_/6589275_2'	3.33	3.33	3.33	0.74	0.5	3.33	0.53 No	0.5 Element Fault	
UPPO63	258	'6896769_/6896784_1'	6.67	6.67	6.67	1.47	1.07	6.67	1.08 No	1.07 Element Fault	
UPPO63	259	'6628204_/6628609'	10	10	10	10	2.21	1.5	10	1.62 No	1.5 Element Fault
UPPO63	260	'154833862_/154837743_2'	10	10	10	10	2.21	1.4	10	1.61 No	1.4 Element Fault
UPPO63	261	'6624827_/43954682'	3.33	3.33	3.33	0.74	0.4	3.33	0.54 No	0.4 Element Fault	
UPPO63	262	'6896019_/6896017'	3.33	3.33	3.33	0.74	0.3	3.33	0.54 No	0.3 Element Fault	
UPPO63	263	'6896256_/6901066'	3.33	3.33	3.33	0.74	0.4	3.33	0.54 No	0.4 Element Fault	
UPPO63	264	'9671959_/9671956_2'	10	10	10	10	2.21	0.9	10	1.62 No	0.9 Element Fault
UPPO63	265	'6589290_/6589305'	10	10	10	10	2.21	10	10	1.6 No	1.6 Unintentional Islanding
UPPO63	266	'6589362_/43948086_2'	3.33	3.33	3.33	0.74	1.5	3.33	0.53 No	0.53 Unintentional Islanding	
UPPO63	267	'43953230_/43953232'	3.33	3.33	3.33	0.74	0.5	3.33	0.54 No	0.5 Element Fault	
UPPO63	268	'6589291_/6589288'	10	10	10	10	2.21	10	10	1.6 No	1.6 Unintentional Islanding
UPPO63	269	'6614619_/6619666'	10	10	10	10	2.21	2.7	10	1.62 No	1.62 Unintentional Islanding
UPPO63	270	'6589408_/6589439'	10	10	10	10	2.21	10	10	1.6 No	1.6 Unintentional Islanding
UPPO63	271	'7162802_/43953145'	10	10	10	10	2.21	1	10	1.62 No	1 Element Fault
UPPO63	272	'6639907_/7111869'	10	10	10	10	2.21	10	10	1.6 No	1.6 Unintentional Islanding
UPPO63	273	'6589407_/6589405'	10	10	10	10	2.21	10	10	1.6 No	1.6 Unintentional Islanding
UPPO63	274	'590079005_/590079002_2'	10	10	10	10	2.21	1.4	10	1.6 No	1.4 Element Fault
UPPO63	275	'448533300_/44853328'	10	10	10	10	2.21	1.4	10	1.61 No	1.4 Element Fault
UPPO63	276	'6628502_/43956678'	3.33	3.33	3.33	0.74	0.4	3.33	0.54 No	0.4 Element Fault	
UPPO63	277	'6589462_/6589388_1'	10	10	10	10	2.21	1.4	10	1.6 No	1.4 Element Fault
UPPO63	278	'89096343_/89096314'	10	10	10	10	2.21	1.5	10	1.63 No	1.5 Element Fault
UPPO63	279	'43948013_/43948015'	10	10	10	10	2.21	10	10	1.6 No	1.6 Unintentional Islanding
UPPO63	280	'89096474_/89096408_1'	10	10	10	10	2.21	0.9	10	1.63 No	0.9 Element Fault
UPPO63	281	'6639886_/6639904'	10	10	10	10	2.21	10	10	1.6 No	1.6 Unintentional Islanding
UPPO63	282	'6624709_/6624746'	3.33	3.33	3.33	0.74	0.5	3.33	0.54 No	0.5 Element Fault	
UPPO63	283	'6639766_/7111572'	3.33	3.33	3.33	0.74	0.5	3.33	0.53 No	0.5 Element Fault	
UPPO63	284	'43947070_/6580003'	3.33	3.33	3.33	0.74	0.5	3.33	0.53 No	0.5 Element Fault	
UPPO63	285	'6896255_/6896253'	3.33	3.33	3.33	0.74	0.4	3.33	0.54 No	0.4 Element Fault	
UPPO63	286	'6580087_/6580084'	3.33	3.33	3.33	0.74	0.4	3.33	0.54 No	0.4 Element Fault	
UPPO63	287	'6639981_/6639978_2'	3.33	3.33	3.33	0.74	1	3.33	0.53 No	0.53 Unintentional Islanding	
UPPO63	288	'6639832_/6639884'	10	10	10	10	2.21	10	10	1.6 No	1.6 Unintentional Islanding
UPPO63	289	'6582652_/6582649'	6.67	6.67	6.67	1.47	1.13	6.67	1.07 No	1.07 Unintentional Islanding	
UPPO63	290	'6584445_/6589002'	10	10	10	10	2.21	10	10	1.6 No	1.6 Unintentional Islanding
UPPO63	291	'38675138_/6639829_2'	3.33	3.33	3.33	0.74	1	3.33	0.53 No	0.53 Unintentional Islanding	
UPPO63	292	'6582256_/6582253'	3.33	3.33	3.33	0.74	0.5	3.33	0.54 No	0.5 Element Fault	
UPPO63	293	'6896787_/6896784_2'	6.67	6.67	6.67	1.47	1.07	6.67	1.08 No	1.07 Element Fault	
UPPO63	294	'6628628_/6628626'	3.33	3.33	3.33	0.74	0.5	3.33	0.54 No	0.5 Element Fault	
UPPO63	295	'43956744_/6628707'	3.33	3.33	3.33	0.74	0.4	3.33	0.54 No	0.4 Element Fault	

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
UPPO63	296	'43956760_/_43956757'	3.33	3.33	3.33	0.74	0.4	3.33	0.54 No	0.4	Element Fault
UPPO63	297	'148979045_/_6628202'	10	10	10	2.21	1.5	10	1.62 No	1.5	Element Fault
UPPO63	298	'6589080_/_43948053'	3.33	3.33	3.33	0.74	0.4	3.33	0.54 No	0.4	Element Fault
UPPO63	299	'6896048_/_6896046'	3.33	3.33	3.33	0.74	0.3	3.33	0.54 No	0.3	Element Fault
UPPO63	300	'6639924_/_6639921'	10	10	10	2.21	10	10	1.6 No	1.6	Unintentional Islanding
UPPO63	301	'6584444_/_6584442'	10	10	10	2.21	10	10	1.6 No	1.6	Unintentional Islanding
UPPO63	302	'6639806_/_6639978_1'	3.33	3.33	3.33	0.74	0.4	3.33	0.53 No	0.4	Element Fault
UPPO63	303	'6639819_/_6639829_1'	3.33	3.33	3.33	0.74	0.5	3.33	0.53 No	0.5	Element Fault
UPPO63	304	'6639844_/_6639958'	10	10	10	2.21	10	10	1.6 No	1.6	Unintentional Islanding
UPPO63	305	'6589529_/_6589527'	10	10	10	2.21	10	10	1.6 No	1.6	Unintentional Islanding
UPPO63	306	'43948084_/_43948086_1'	3.33	3.33	3.33	0.74	0.4	3.33	0.53 No	0.4	Element Fault
UPPO63	307	'6589391_/_6589388_2'	10	10	10	2.21	1.4	10	1.6 No	1.4	Element Fault
UPPO63	308	'6614831_/_6614841'	3.33	3.33	3.33	0.74	0.5	3.33	0.54 No	0.5	Element Fault
UPPO63	309	'6628768_/_43956689'	3.33	3.33	3.33	0.74	0.4	3.33	0.54 No	0.4	Element Fault
UPPO63	310	'6589550_/_6589509_1'	6.67	6.67	6.67	1.47	0.9	6.67	1.06 No	0.9	Element Fault
UPPO63	311	'154870373_/_148979143_2'	10	10	10	2.21	1.5	10	1.62 No	1.5	Element Fault
UPPO63	312	'44012512_/_6896936'	3.33	3.33	3.33	0.74	0.5	3.33	0.54 No	0.5	Element Fault
UPPO63	313	'6634256_/_6639941'	10	10	10	2.21	10	10	1.6 No	1.6	Unintentional Islanding
UPPO63	314	'6580210_/_6585186'	3.33	3.33	3.33	0.74	0.5	3.33	0.54 No	0.5	Element Fault
UPPO63	315	'6639845_/_6639858_1'	3.33	3.33	3.33	0.74	0.4	3.33	0.53 No	0.4	Element Fault
UPPO63	316	'6624710_/_6624707'	3.33	3.33	3.33	0.74	0.5	3.33	0.54 No	0.5	Element Fault
UPPO63	317	'6634255_/_6634253'	10	10	10	2.21	10	10	1.6 No	1.6	Unintentional Islanding
UPPO63	318	'43956507_/_148979047'	6.67	6.67	6.67	1.47	1	6.67	1.08 No	1	Element Fault
UPPO63	319	'148979090_/_148979143_1'	10	10	10	2.21	0.9	10	1.62 No	0.9	Element Fault
UPPO63	320	'520374375_/_520374381'	10	10	10	2.21	1	10	1.61 No	1	Element Fault
UPPO63	321	'43955488_/_43955490'	10	10	10	2.21	10	10	1.59 No	1.59	Unintentional Islanding
UPPO63	322	'45093785_/_6628723'	3.33	3.33	3.33	0.74	0.4	3.33	0.53 No	0.4	Element Fault
UPPO63	323	'6635025_/_6635039'	10	10	10	2.21	10	10	1.59 No	1.59	Unintentional Islanding
UPPO63	324	'6639767_/_6639764_1'	3.33	3.33	3.33	0.74	0.5	3.33	0.53 No	0.5	Element Fault
UPPO63	325	'6639793_/_6639816'	3.33	3.33	3.33	0.74	0.5	3.33	0.53 No	0.5	Element Fault
UPPO63	326	'6639805_/_6639803'	3.33	3.33	3.33	0.74	0.4	3.33	0.53 No	0.4	Element Fault
UPPO63	327	'271413534_/_271413454'	10	10	10	2.21	1	10	1.61 No	1	Element Fault
UPPO63	328	'6633804_/_6635022'	10	10	10	2.21	10	10	1.59 No	1.59	Unintentional Islanding
UPPO63	329	'6899974_/_6899984'	3.33	3.33	3.33	0.74	0.4	3.33	0.54 No	0.4	Element Fault
UPPO63	330	'6582282_/_6582266'	3.33	3.33	3.33	0.74	0.5	3.33	0.54 No	0.5	Element Fault
UPPO63	331	'88538452_/_43948097'	3.33	3.33	3.33	0.74	1	3.33	0.53 No	0.53	Unintentional Islanding
UPPO63	332	'43956722_/_6639764_2'	3.33	3.33	3.33	0.74	0.5	3.33	0.53 No	0.5	Element Fault
UPPO63	333	'43947114_/_6582667'	6.67	6.67	6.67	1.47	1.13	6.67	1.07 No	1.07	Unintentional Islanding
UPPO63	334	'6628314_/_6639858_2'	3.33	3.33	3.33	0.74	0.4	3.33	0.53 No	0.4	Element Fault
UPPO63	335	'6895971_/_6896799'	6.67	6.67	6.67	1.47	1.07	6.67	1.08 No	1.07	Element Fault
UPPO63	336	'6585202_/_6585199'	3.33	3.33	3.33	0.74	0.5	3.33	0.54 No	0.5	Element Fault
UPPO63	337	'44012615_/_44012617'	3.33	3.33	3.33	0.74	0.3	3.33	0.54 No	0.3	Element Fault
UPPO63	338	'6633787_/_6633801'	10	10	10	2.21	10	10	1.59 No	1.59	Unintentional Islanding
UPPO63	339	'6580125_/_6580123_1'	3.33	3.33	3.33	0.74	0.3	3.33	0.53 No	0.3	Element Fault
UPPO63	340	'6614818_/_6614828'	3.33	3.33	3.33	0.74	0.5	3.33	0.54 No	0.5	Element Fault
UPPO63	341	'6589583_/_6589496_1'	3.33	3.33	3.33	0.74	0.5	3.33	0.53 No	0.5	Element Fault
UPPO63	342	'43955475_/_6633784'	10	10	10	2.21	10	10	1.59 No	1.59	Unintentional Islanding
UPPO63	343	'6628187_/_43956509'	6.67	6.67	6.67	1.47	1	6.67	1.08 No	1	Element Fault
UPPO63	344	'43947103_/_6580110'	3.33	3.33	3.33	0.74	0.4	3.33	0.53 No	0.4	Element Fault
UPPO63	345	'6589361_/_6589359'	3.33	3.33	3.33	0.74	0.3	3.33	0.53 No	0.3	Element Fault
UPPO63	346	'6896074_/_6896059'	3.33	3.33	3.33	0.74	0.3	3.33	0.54 No	0.3	Element Fault
UPPO63	347	'6633769_/_6633767'	10	10	10	2.21	10	10	1.59 No	1.59	Unintentional Islanding
UPPO63	348	'6628654_/_43947072'	3.33	3.33	3.33	0.74	0.5	3.33	0.53 No	0.5	Element Fault
UPPO63	349	'6638320_/_6638334'	10	10	10	2.21	10	10	1.59 No	1.59	Unintentional Islanding
UPPO63	350	'43955462_/_43955464'	10	10	10	2.21	10	10	1.59 No	1.59	Unintentional Islanding
UPPO63	351	'6614603_/_6614617_1'	10	10	10	2.21	2.7	10	1.62 No	1.62	Unintentional Islanding
UPPO63	352	'9661729_/_9661726'	3.33	3.33	3.33	0.74	0.3	3.33	0.53 No	0.3	Element Fault
UPPO63	353	'6589512_/_6589509_2'	6.67	6.67	6.67	1.47	0.9	6.67	1.06 No	0.9	Element Fault
UPPO63	354	'6633736_/_6633750'	10	10	10	2.21	10	10	1.59 No	1.59	Unintentional Islanding
UPPO63	355	'6582334_/_6582344'	3.33	3.33	3.33	0.74	0.5	3.33	0.54 No	0.5	Element Fault
UPPO63	356	'6610837_/_6615630'	3.33	3.33	3.33	0.74	0.9	3.33	0.54 No	0.54	Unintentional Islanding
UPPO63	357	'6895972_/_6895969'	6.67	6.67	6.67	1.47	1.07	6.67	1.07 No	1.07	Element Fault
UPPO63	358	'6628683_/_43956724'	3.33	3.33	3.33	0.74	0.5	3.33	0.53 No	0.5	Element Fault
UPPO63	359	'6633719_/_6633733'	10	10	10	2.21	10	10	1.59 No	1.59	Unintentional Islanding
UPPO63	360	'6580184_/_6580194'	3.33	3.33	3.33	0.74	0.5	3.33	0.54 No	0.5	Element Fault
UPPO63	361	'6610838_/_6610835'	3.33	3.33	3.33	0.74	0.9	3.33	0.54 No	0.54	Unintentional Islanding
UPPO63	362	'43957631_/_6639790'	3.33	3.33	3.33	0.74	0.5	3.33	0.53 No	0.5	Element Fault
UPPO63	363	'43957574_/_6638470'	3.33	3.33	3.33	0.74	0.5	3.33	0.54 No	0.5	Element Fault
UPPO63	364	'6628315_/_6628312'	3.33	3.33	3.33	0.74	0.4	3.33	0.53 No	0.4	Element Fault
UPPO63	365	'6896939_/_44012514'	3.33	3.33	3.33	0.74	0.5	3.33	0.54 No	0.5	Element Fault
UPPO63	366	'6614805_/_6614815'	3.33	3.33	3.33	0.74	0.5	3.33	0.54 No	0.5	Element Fault
UPPO63	367	'43955449_/_43955451'	10	10	10	2.21	10	10	1.59 No	1.59	Unintentional Islanding
UPPO63	368	'6582295_/_6582292'	3.33	3.33	3.33	0.74	0.5	3.33	0.54 No	0.5	Element Fault
UPPO63	369	'6614602_/_6614617_2'	10	10	10	2.21	2.7	10	1.62 No	1.62	Unintentional Islanding
UPPO63	370	'6633682_/_6633699'	10	10	10	2.21	10	10	1.59 No	1.59	Unintentional Islanding
UPPO63	371	'6896240_/_6899971'	3.33	3.33	3.33	0.74	0.4	3.33	0.54 No	0.4	Element Fault
UPPO63	372	'6633681_/_6633679'	10	10	10	2.21	10	10	1.58 No	1.58	Unintentional Islanding
UPPO63	373	'6896087_/_6896085'	3.33	3.33	3.33	0.74	0.3	3.33	0.54 No	0.3	Element Fault
UPPO63	374	'6585214_/_6585212'	3.33	3.33	3.33	0.74	0.5	3.33	0.53 No	0.5	Element Fault
UPPO63	375	'6579912_/_6589496_2'	3.33	3.33	3.33	0.74	0.5	3.33	0.53 No	0.5	Element Fault
UPPO63	376	'6633926_/_6633923'	10	10	10	2.21	10	10	1.58 No	1.58	Unintentional Islanding
UPPO63	377	'6896033_/_6896653'	3.33	3.33	3.33	0.74	0.3	3.33	0.54 No	0.3	Element Fault
UPPO63	378	'6580126_/_6580123_2'	3.33	3.33	3.33	0.74	0.3	3.33	0.53 No	0.3	Element Fault
UPPO63	379	'6580113_/_43947105'	3.33	3.33	3.33	0.74	0.4	3.33	0.53 No	0.4	Element Fault
UPPO63	380	'8090653_/_8090650'	10	10	10	2.21	10	10	1.58 No	1.58	Unintentional Islanding
UPPO63	381	'6642878_/_6642875_2'	3.33	3.33	3.33	0.74	1	3.33	0.53 No	0.53	Unintentional Islanding
UPPO63	382	'6628641_/_6628681'	3.33	3.33	3.33	0.74	0.5	3.33	0.53 No	0.5	Element Fault
UPPO63	383	'6896075_/_6896072'	3.33	3.33	3.33	0.74	0.3	3.33	0.54 No	0.3	Element Fault
UPPO63	384	'347495775_/_347495767'	3.33	3.33	3.33	0.74	0.4	3.33	0.53 No	0.4	Element Fault
UPPO63	385	'6628186_/_6628184'	6.67	6.67	6.67	1.47	1	6.67	1.07 No	1	Element Fault
UPPO63	386	'89096397_/_89096408_2'	10	10	10	2.21	0.9	10	1.62 No	0.9	Element Fault
UPPO63	387	'8090633_/_9662936'	10	10	10	2.21	10	10	1.58 No	1.58	Unintentional Islanding
UPPO63	388	'43956711_/_6628652'	3.33	3.33	3.33	0.74	0.5	3.33	0.53 No	0.5	Element Fault
UPPO63	389	'8090632_/_8090630'	10	10	10	2.21	10	10	1.58 No	1.58	Unintentional Islanding

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
UPPO63	390	'6582321_/_6582331'	3.33	3.33	3.33	0.74	0.5	3.33	0.53 No	0.5	Element Fault
UPPO63	391	'6580168_/_6580181'	3.33	3.33	3.33	0.74	0.5	3.33	0.53 No	0.5	Element Fault
UPPO63	392	'6579899_/_6579909'	3.33	3.33	3.33	0.74	0.5	3.33	0.53 No	0.5	Element Fault
UPPO63	393	'6628739_/_6631868'	3.33	3.33	3.33	0.74	0.5	3.33	0.54 No	0.5	Element Fault
UPPO63	394	'7769298_/_9035055'	10	10	10	2.21	10	10	1.58 No	1.58	Unintentional Islanding
UPPO63	395	'129172112_/_6624784_1'	10	10	10	2.21	1.5	10	1.62 No	1.5	Element Fault
UPPO63	396	'6582308_/_6582305'	3.33	3.33	3.33	0.74	0.5	3.33	0.53 No	0.5	Element Fault
UPPO63	397	'6896227_/_6896237'	3.33	3.33	3.33	0.74	0.4	3.33	0.54 No	0.4	Element Fault
UPPO63	398	'6895987_/_6895984'	6.67	6.67	6.67	1.47	1.07	6.67	1.07 No	1.07	Element Fault
UPPO63	399	'122273768_/_119094514'	10	10	10	2.21	0.9	10	1.62 No	0.9	Element Fault
UPPO63	400	'6614804_/_6614802'	3.33	3.33	3.33	0.74	0.5	3.33	0.53 No	0.5	Element Fault
UPPO63	401	'44012523_/_6896124'	3.33	3.33	3.33	0.74	0.3	3.33	0.53 No	0.3	Element Fault
UPPO63	402	'6625742_/_6642875_1'	3.33	3.33	3.33	0.74	0.4	3.33	0.53 No	0.4	Element Fault
UPPO63	403	'6896032_/_44012536'	3.33	3.33	3.33	0.74	0.3	3.33	0.53 No	0.3	Element Fault
UPPO63	404	'6624773_/_6624784_2'	10	10	10	2.21	1.5	10	1.62 No	1.5	Element Fault
UPPO63	405	'7769297_/_7769295'	10	10	10	2.21	10	10	1.58 No	1.58	Unintentional Islanding
UPPO63	406	'6625700_/_6639871'	3.33	3.33	3.33	0.74	0.5	3.33	0.53 No	0.5	Element Fault
UPPO63	407	'9350222_/_9350220'	10	10	10	2.21	10	10	1.58 No	1.58	Unintentional Islanding
UPPO63	408	'119094503_/_122273774'	10	10	10	2.21	0.9	10	1.62 No	0.9	Element Fault
UPPO63	409	'44796838_/_6628665'	3.33	3.33	3.33	0.74	0.5	3.33	0.53 No	0.5	Element Fault
UPPO63	410	'6633183_/_6633199'	6.67	6.67	6.67	1.47	1	6.67	1.07 No	1	Element Fault
UPPO63	411	'6588882_/_6588880'	3.33	3.33	3.33	0.74	0.5	3.33	0.53 No	0.5	Element Fault
UPPO63	412	'6580167_/_6580165'	3.33	3.33	3.33	0.74	0.5	3.33	0.53 No	0.5	Element Fault
UPPO63	413	'6628738_/_6628736'	3.33	3.33	3.33	0.74	0.5	3.33	0.54 No	0.5	Element Fault
UPPO63	414	'6578501_/_6579922'	3.33	3.33	3.33	0.74	0.5	3.33	0.53 No	0.5	Element Fault
UPPO63	415	'9350243_/_466306999'	10	10	10	2.21	10	10	1.58 No	1.58	Unintentional Islanding
UPPO63	416	'6896002_/_6895999_1'	6.67	6.67	6.67	1.47	2.1	6.67	1.07 No	1.07	Unintentional Islanding
UPPO63	417	'6628340_/_6628639'	3.33	3.33	3.33	0.74	0.5	3.33	0.53 No	0.5	Element Fault
UPPO63	418	'6582320_/_6582318'	3.33	3.33	3.33	0.74	0.5	3.33	0.53 No	0.5	Element Fault
UPPO63	419	'43955438_/_6625739'	3.33	3.33	3.33	0.74	0.4	3.33	0.53 No	0.4	Element Fault
UPPO63	420	'6614637_/_6614634'	10	10	10	2.21	2.7	10	1.62 No	1.62	Unintentional Islanding
UPPO63	421	'409295756_/_6896224'	3.33	3.33	3.33	0.74	0.4	3.33	0.53 No	0.4	Element Fault
UPPO63	422	'9350203_/_9350260'	10	10	10	2.21	10	10	1.58 No	1.58	Unintentional Islanding
UPPO63	423	'44012273_/_7111805'	3.33	3.33	3.33	0.74	0.5	3.33	0.53 No	0.5	Element Fault
UPPO63	424	'6580142_/_6580139'	3.33	3.33	3.33	0.74	0.3	3.33	0.53 No	0.3	Element Fault
UPPO63	425	'44802337_/_6896098'	3.33	3.33	3.33	0.74	0.3	3.33	0.53 No	0.3	Element Fault
UPPO63	426	'43955383_/_43955385'	3.33	3.33	3.33	0.74	0.5	3.33	0.53 No	0.5	Element Fault
UPPO63	427	'9350183_/_9350200'	10	10	10	2.21	10	10	1.58 No	1.58	Unintentional Islanding
UPPO63	428	'43947136_/_43947138'	3.33	3.33	3.33	0.74	0.5	3.33	0.53 No	0.5	Element Fault
UPPO63	429	'122273812_/_122273829'	9.4	10	10	2.21	0.9	10	1.61 No	0.9	Element Fault
UPPO63	430	'6625687_/_6625697'	3.33	3.33	3.33	0.74	0.5	3.33	0.53 No	0.5	Element Fault
UPPO63	431	'9350182_/_9350180'	10	10	10	2.21	10	10	1.58 No	1.58	Unintentional Islanding
UPPO63	432	'6581625_/_43947149_1'	3.33	3.33	3.33	0.74	0.5	3.33	0.53 No	0.5	Element Fault
UPPO63	433	'6628122_/_6633181'	6.67	6.67	6.67	1.47	1	6.67	1.07 No	1	Element Fault
UPPO63	434	'7769358_/_9350280'	10	10	10	2.21	10	10	1.58 No	1.58	Unintentional Islanding
UPPO63	435	'43957563_/_6631805'	3.33	3.33	3.33	0.74	0.5	3.33	0.53 No	0.5	Element Fault
UPPO63	436	'7455886_/_7769355'	10	10	10	2.21	10	10	1.58 No	1.58	Unintentional Islanding
UPPO63	437	'489582327_/_7455884_1'	10	10	10	2.21	10	10	1.58 No	1.58	Unintentional Islanding
UPPO63	438	'6635093_/_7455884_2'	10	10	10	2.21	10	10	1.58 No	1.58	Unintentional Islanding
UPPO63	439	'6578502_/_6578499'	3.33	3.33	3.33	0.74	0.5	3.33	0.53 No	0.5	Element Fault
UPPO63	440	'6631808_/_6631818_1'	3.33	3.33	3.33	0.74	0.5	3.33	0.53 No	0.5	Element Fault
UPPO63	441	'6628341_/_6628338'	3.33	3.33	3.33	0.74	0.5	3.33	0.53 No	0.5	Element Fault
UPPO63	442	'43954917_/_6635158'	10	10	10	2.21	10	10	1.58 No	1.58	Unintentional Islanding
UPPO63	443	'6625713_/_6625726'	3.33	3.33	3.33	0.74	0.4	3.33	0.53 No	0.4	Element Fault
UPPO63	444	'6635059_/_6635141'	10	10	10	2.21	10	10	1.58 No	1.58	Unintentional Islanding
UPPO63	445	'6896987_/_44012275'	3.33	3.33	3.33	0.74	0.5	3.33	0.53 No	0.5	Element Fault
UPPO63	446	'43947037_/_43947039'	3.33	3.33	3.33	0.74	0.5	3.33	0.53 No	0.5	Element Fault
UPPO63	447	'6633268_/_6635124'	10	10	10	2.21	10	10	1.57 No	1.57	Unintentional Islanding
UPPO63	448	'127116629_/_43947149_2'	3.33	3.33	3.33	0.74	0.5	3.33	0.53 No	0.5	Element Fault
UPPO63	449	'489582824_/_6633458_1'	10	10	10	2.21	10	10	1.57 No	1.57	Unintentional Islanding
UPPO63	450	'6628123_/_6628120'	6.67	6.67	6.67	1.47	1	6.67	1.07 No	1	Element Fault
UPPO63	451	'43954904_/_6633458_2'	10	10	10	2.21	10	10	1.57 No	1.57	Unintentional Islanding
UPPO63	452	'6633234_/_6633441'	10	10	10	2.21	10	10	1.57 No	1.57	Unintentional Islanding
UPPO63	453	'6581624_/_127116633'	3.33	3.33	3.33	0.74	0.5	3.33	0.53 No	0.5	Element Fault
UPPO63	454	'6628138_/_6628135_1'	6.67	6.67	6.67	1.47	1	6.67	1.07 No	1	Element Fault
UPPO63	455	'6633233_/_6633424'	10	10	10	2.21	10	10	1.57 No	1.57	Unintentional Islanding
UPPO63	456	'43955427_/_6625684'	3.33	3.33	3.33	0.74	0.5	3.33	0.53 No	0.5	Element Fault
UPPO63	457	'44028938_/_7112876'	10	10	10	2.21	10	10	1.57 No	1.57	Unintentional Islanding
UPPO63	458	'6896988_/_6896985'	3.33	3.33	3.33	0.74	0.5	3.33	0.53 No	0.5	Element Fault
UPPO63	459	'6580155_/_6580152'	3.33	3.33	3.33	0.74	0.3	3.33	0.53 No	0.3	Element Fault
UPPO63	460	'6625712_/_6625710'	3.33	3.33	3.33	0.74	0.4	3.33	0.53 No	0.4	Element Fault
UPPO63	461	'43956495_/_6628135_2'	6.67	6.67	6.67	1.47	1	6.67	1.07 No	1	Element Fault
UPPO63	462	'6972409_/_6972372'	10	10	10	2.21	10	10	1.57 No	1.57	Unintentional Islanding
UPPO63	463	'6628327_/_6631818_2'	3.33	3.33	3.33	0.74	0.5	3.33	0.53 No	0.5	Element Fault
UPPO63	464	'6628354_/_6628351'	3.33	3.33	3.33	0.74	0.5	3.33	0.53 No	0.5	Element Fault
UPPO63	465	'723760868_/_687084123'	6	10	10	2.21	1.5	10	1.62 No	1.5	Element Fault
UPPO63	466	'6972392_/_6972355'	10	10	10	2.21	10	10	1.57 No	1.57	Unintentional Islanding
UPPO63	467	'723760929_/_687085057_1'	6	10	10	2.21	1.4	10	1.62 No	1.4	Element Fault
UPPO63	468	'44028925_/_6972335'	10	10	10	2.21	10	10	1.57 No	1.57	Unintentional Islanding
UPPO63	469	'460734919_/_6972443'	10	10	10	2.21	10	10	1.57 No	1.57	Unintentional Islanding
UPPO63	470	'43953130_/_6614651'	7.9	10	10	2.21	2.7	10	1.61 No	1.61	Unintentional Islanding
UPPO63	471	'687085018_/_687085057_2'	5.8	10	10	2.21	1.4	10	1.61 No	1.4	Element Fault
UPPO63	472	'687085005_/_687084967'	5.8	10	10	2.21	1.4	10	1.61 No	1.4	Element Fault
UPPO63	473	'687085006_/_687084949'	5.8	10	10	2.21	1.4	10	1.61 No	1.4	Element Fault
UPPO63	474	'687085010_/_687084955'	5.8	10	10	2.21	1.4	10	1.61 No	1.4	Element Fault
UPPO63	475	'687085014_/_687084961'	5.8	10	10	2.21	1.4	10	1.61 No	1.4	Element Fault
UPPO63	476	'44028344_/_6972423'	10	10	10	2.21	10	10	1.57 No	1.57	Unintentional Islanding
UPPO63	477	'489582477_/_6972463'	10	10	10	2.21	10	10	1.57 No	1.57	Unintentional Islanding
UPPO63	478	'6968644_/_6971697'	10	10	10	2.21	10	10	1.57 No	1.57	Unintentional Islanding
UPPO63	479	'6971717_/_6971714'	10	10	10	2.21	10	10	1.57 No	1.57	Unintentional Islanding
UPPO63	480	'489582771_/_6971680_2'	10	10	10	2.21	10	10	1.57 No	1.57	Unintentional Islanding
UPPO63	481	'723760774_/_687085074'	5.7	10	10	2.21	1.4	10	1.61 No	1.4	Element Fault
UPPO63	482	'464103120_/_6971731'	10	10	10	2.21	10	10	1.57 No	1.57	Unintentional Islanding
UPPO63	483	'489583885_/_489583083_2'	6.67	6.67	6.67	1.47	3	6.67	1.05 No	1.05	Unintentional Islanding

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
UPPO63	484	'43956483_/43956497'		6.47	6.67	6.67	1.47	1	6.67	1.07 No	1 Element Fault
UPPO63	485	'6971751_/6971748'		10	10	10	2.21	10	1.57 No	1.57 Unintentional Islanding	1.57 Unintentional Islanding
UPPO63	486	'6971768_/6971765'		10	10	10	2.21	10	1.57 No	1.57 Unintentional Islanding	1.57 Unintentional Islanding
UPPO63	487	'6579860_/6579870'		3.33	3.33	3.33	0.74	0.5	3.33	0.53 No	0.5 Element Fault
UPPO63	488	'687085100_/687085116'		5.6	10	10	2.21	1.4	10	1.61 No	1.4 Element Fault
UPPO63	489	'6624762_/6624770'		5.5	10	10	2.21	1.5	10	1.61 No	1.5 Element Fault
UPPO63	490	'6971785_/6971782'		10	10	10	2.21	10	1.57 No	1.57 Unintentional Islanding	1.57 Unintentional Islanding
UPPO63	491	'489583085_/489583083_1'		6.67	6.67	6.67	1.47	1	6.67	1.05 No	1 Element Fault
UPPO63	492	'8740608_/6971799'		10	10	10	2.21	10	1.57 No	1.57 Unintentional Islanding	1.57 Unintentional Islanding
UPPO63	493	'6971819_/6971816'		10	10	10	2.21	10	1.57 No	1.57 Unintentional Islanding	1.57 Unintentional Islanding
UPPO63	494	'8740609_/9057843_1'		10	10	10	2.21	1.6	10	1.57 No	1.57 Unintentional Islanding
UPPO63	495	'6628367_/6628364'		3.33	3.33	3.33	0.74	0.5	3.33	0.53 No	0.5 Element Fault
UPPO63	496	'6628170_/6628168'		2.9	3.33	3.33	0.74	0.5	3.33	0.53 No	0.5 Element Fault
UPPO63	497	'6971836_/6971833'		10	10	10	2.21	10	1.57 No	1.57 Unintentional Islanding	1.57 Unintentional Islanding
UPPO63	498	'6625661_/6625671'		3.33	3.33	3.33	0.74	0.5	3.33	0.53 No	0.5 Element Fault
UPPO63	499	'43956608_/6628325'		3.33	3.33	3.33	0.74	0.5	3.33	0.53 No	0.5 Element Fault
UPPO63	500	'6971853_/6971850'		10	10	10	2.21	10	1.57 No	1.57 Unintentional Islanding	1.57 Unintentional Islanding
UPPO63	501	'9057846_/9057843_2'		10	10	10	2.21	1.6	10	1.57 No	1.57 Unintentional Islanding
UPPO63	502	'4401262_/6896998'		3.33	3.33	3.33	0.74	0.5	3.33	0.53 No	0.5 Element Fault
UPPO63	503	'6972131_/6972128'		10	10	10	2.21	10	1.57 No	1.57 Unintentional Islanding	1.57 Unintentional Islanding
UPPO63	504	'6972148_/6972145'		10	10	10	2.21	10	1.57 No	1.57 Unintentional Islanding	1.57 Unintentional Islanding
UPPO63	505	'6612642_/6614854'		6.7	10	10	2.21	2.7	10	1.61 No	1.61 Unintentional Islanding
UPPO63	506	'6972165_/6972162'		10	10	10	2.21	10	1.57 No	1.57 Unintentional Islanding	1.57 Unintentional Islanding
UPPO63	507	'6972182_/6972179'		10	10	10	2.21	10	1.57 No	1.57 Unintentional Islanding	1.57 Unintentional Islanding
UPPO63	508	'489583101_/489583099'		6.67	6.67	6.67	1.47	1	6.67	1.05 No	1 Element Fault
UPPO63	509	'43956619_/6628403'		3.33	3.33	3.33	0.74	0.5	3.33	0.53 No	0.5 Element Fault
UPPO63	510	'63783423_/6622738_2'		6.5	10	10	2.21	2.7	10	1.61 No	1.61 Unintentional Islanding
UPPO63	511	'43947048_/6579857'		3.33	3.33	3.33	0.74	0.5	3.33	0.53 No	0.5 Element Fault
UPPO63	512	'44028912_/6972196'		10	10	10	2.21	10	1.57 No	1.57 Unintentional Islanding	1.57 Unintentional Islanding
UPPO63	513	'63783390_/6622718_2'		6.5	10	10	2.21	2.7	10	1.61 No	1.61 Unintentional Islanding
UPPO63	514	'6972199_/44028914'		10	10	10	2.21	10	1.57 No	1.57 Unintentional Islanding	1.57 Unintentional Islanding
UPPO63	515	'6628380_/6628377'		3.33	3.33	3.33	0.74	0.5	3.33	0.53 No	0.5 Element Fault
UPPO63	516	'6612643_/6612640'		6.3	10	10	2.21	2.7	10	1.61 No	1.61 Unintentional Islanding
UPPO63	517	'6972216_/6972213'		10	10	10	2.21	10	1.57 No	1.57 Unintentional Islanding	1.57 Unintentional Islanding
UPPO63	518	'6625648_/6625658'		3.33	3.33	3.33	0.74	0.5	3.33	0.53 No	0.5 Element Fault
UPPO63	519	'6972233_/6972230'		10	10	10	2.21	10	1.57 No	1.57 Unintentional Islanding	1.57 Unintentional Islanding
UPPO63	520	'489583117_/489583115'		6.67	6.67	6.67	1.47	1	6.67	1.05 No	1 Element Fault
UPPO63	521	'6622740_/6622738_1'		6.2	10	10	2.21	0.9	10	1.61 No	0.9 Element Fault
UPPO63	522	'6972250_/6972247'		10	10	10	2.21	10	1.57 No	1.57 Unintentional Islanding	1.57 Unintentional Islanding
UPPO63	523	'6972270_/6972267'		10	10	10	2.21	10	1.57 No	1.57 Unintentional Islanding	1.57 Unintentional Islanding
UPPO63	524	'44012267_/44012264'		3.33	3.33	3.33	0.74	0.5	3.33	0.53 No	0.5 Element Fault
UPPO63	525	'6972287_/6972284'		10	10	10	2.21	10	1.57 No	1.57 Unintentional Islanding	1.57 Unintentional Islanding
UPPO63	526	'6628328_/43956610'		3.33	3.33	3.33	0.74	0.5	3.33	0.53 No	0.5 Element Fault
UPPO63	527	'6612679_/6622718_1'		6	10	10	2.21	0.9	10	1.61 No	0.9 Element Fault
UPPO63	528	'6979147_/6979144'		10	10	10	2.21	10	1.57 No	1.57 Unintentional Islanding	1.57 Unintentional Islanding
UPPO63	529	'6968529_/489583137'		6.67	6.67	6.67	1.47	1	6.67	1.05 No	1 Element Fault
UPPO63	530	'43947047_/6582206'		3.33	3.33	3.33	0.74	0.5	3.33	0.52 No	0.5 Element Fault
UPPO63	531	'6979164_/6979161'		10	10	10	2.21	10	1.57 No	1.57 Unintentional Islanding	1.57 Unintentional Islanding
UPPO63	532	'489583702_/6968526_2'		3.33	3.33	3.33	0.74	0.5	3.33	0.52 No	0.5 Element Fault
UPPO63	533	'379096044_/379096063'		4.6	10	10	2.21	1.4	10	1.61 No	1.4 Element Fault
UPPO63	534	'6979198_/6979195'		10	10	10	2.21	10	1.57 No	1.57 Unintentional Islanding	1.57 Unintentional Islanding
UPPO63	535	'6979215_/6979212'		10	10	10	2.21	10	1.57 No	1.57 Unintentional Islanding	1.57 Unintentional Islanding
UPPO63	536	'6972621_/6979229'		10	10	10	2.21	10	1.57 No	1.57 Unintentional Islanding	1.57 Unintentional Islanding
UPPO63	537	'6968528_/6968526_1'		3.33	3.33	3.33	0.74	0.3	3.33	0.52 No	0.3 Element Fault
UPPO63	538	'6622760_/6622778'		5.7	10	10	2.21	2.7	10	1.6 No	1.6 Unintentional Islanding
UPPO63	539	'6639194_/7112444'		5.7	10	10	2.21	0.9	10	1.6 No	0.9 Element Fault
UPPO63	540	'6970043_/6972934'		10	10	10	2.21	10	1.57 No	1.57 Unintentional Islanding	1.57 Unintentional Islanding
UPPO63	541	'6972900_/6972914'		10	10	10	2.21	10	1.57 No	1.57 Unintentional Islanding	1.57 Unintentional Islanding
UPPO63	542	'6628393_/6628390'		3.33	3.33	3.33	0.74	0.5	3.33	0.53 No	0.5 Element Fault
UPPO63	543	'6972883_/6972897'		10	10	10	2.21	10	1.57 No	1.57 Unintentional Islanding	1.57 Unintentional Islanding
UPPO63	544	'6970044_/6970058_1'		10	10	10	2.21	1.5	10	1.57 No	1.5 Element Fault
UPPO63	545	'43955416_/43955418'		3.33	3.33	3.33	0.74	0.5	3.33	0.52 No	0.5 Element Fault
UPPO63	546	'6972866_/6972880'		10	10	10	2.21	10	1.57 No	1.57 Unintentional Islanding	1.57 Unintentional Islanding
UPPO63	547	'51687249_/51687215_1'		10	10	10	2.21	1.4	10	1.57 No	1.4 Element Fault
UPPO63	548	'6639195_/6639192'		5.5	10	10	2.21	0.9	10	1.6 No	0.9 Element Fault
UPPO63	549	'489583416_/489583414'		6.67	6.67	6.67	1.47	1	6.67	1.05 No	1 Element Fault
UPPO63	550	'6972846_/6972863'		10	10	10	2.21	10	1.57 No	1.57 Unintentional Islanding	1.57 Unintentional Islanding
UPPO63	551	'43953291_/6612677'		5.4	10	10	2.21	0.9	10	1.6 No	0.9 Element Fault
UPPO63	552	'6972829_/6972843'		10	10	10	2.21	10	1.57 No	1.57 Unintentional Islanding	1.57 Unintentional Islanding
UPPO63	553	'6972812_/6972826'		10	10	10	2.21	10	1.57 No	1.57 Unintentional Islanding	1.57 Unintentional Islanding
UPPO63	554	'6972795_/6972809'		10	10	10	2.21	10	1.57 No	1.57 Unintentional Islanding	1.57 Unintentional Islanding
UPPO63	555	'6639215_/6639212'		5.3	10	10	2.21	0.9	10	1.6 No	0.9 Element Fault
UPPO63	556	'6970061_/6970058_2'		10	10	10	2.21	1.5	10	1.57 No	1.5 Element Fault
UPPO63	557	'6972778_/6972792'		10	10	10	2.21	10	1.57 No	1.57 Unintentional Islanding	1.57 Unintentional Islanding
UPPO63	558	'6970114_/6970111_2'		3.33	3.33	3.33	0.74	0.5	3.33	0.52 No	0.5 Element Fault
UPPO63	559	'44028308_/44028310'		3.33	3.33	3.33	0.74	0.3	3.33	0.52 No	0.3 Element Fault
UPPO63	560	'489583438_/489583436'		6.67	6.67	6.67	1.47	1	6.67	1.05 No	1 Element Fault
UPPO63	561	'6972761_/6972775'		10	10	10	2.21	10	1.57 No	1.57 Unintentional Islanding	1.57 Unintentional Islanding
UPPO63	562	'6972741_/6972758'		10	10	10	2.21	10	1.57 No	1.57 Unintentional Islanding	1.57 Unintentional Islanding
UPPO63	563	'6972724_/6972738'		10	10	10	2.21	10	1.57 No	1.57 Unintentional Islanding	1.57 Unintentional Islanding
UPPO63	564	'6972707_/6972721'		10	10	10	2.21	10	1.57 No	1.57 Unintentional Islanding	1.57 Unintentional Islanding
UPPO63	565	'6625622_/6625632'		3.33	3.33	3.33	0.74	0.5	3.33	0.52 No	0.5 Element Fault
UPPO63	566	'6970100_/6970111_1'		3.33	3.33	3.33	0.74	0.3	3.33	0.52 No	0.3 Element Fault
UPPO63	567	'6972690_/6972704'		10	10	10	2.21	10	1.57 No	1.57 Unintentional Islanding	1.57 Unintentional Islanding
UPPO63	568	'6972673_/6972687'		10	10	10	2.21	10	1.57 No	1.57 Unintentional Islanding	1.57 Unintentional Islanding
UPPO63	569	'6968541_/489583452'		6.67	6.67	6.67	1.47	1	6.67	1.05 No	1 Element Fault
UPPO63	570	'6612799_/6622758'		5	10	10	2.21	2.7	10	1.6 No	1.6 Unintentional Islanding
UPPO63	571	'52532926_/489584033_2'		3.33	3.33	3.33	0.74	0.5	3.33	0.52 No	0.5 Element Fault
UPPO63	572	'6972656_/6972670'		10	10	10	2.21	10	1.57 No	1.57 Unintentional Islanding	1.57 Unintentional Islanding
UPPO63	573	'6612680_/43953293'		4.9	10	10	2.21	0.9	10	1.6 No	0.9 Element Fault
UPPO63	574	'6972639_/6972653'		10	10	10	2.21	10	1.57 No	1.57 Unintentional Islanding	1.57 Unintentional Islanding
UPPO63	575	'6970101_/6970098'		3.33	3.33	3.33	0.74	0.3	3.33	0.52 No	0.3 Element Fault
UPPO63	576	'6972638_/6972636'		10	10	10	2.21	10	1.57 No	1.57 Unintentional Islanding	1.57 Unintentional Islanding
UPPO63	577	'489584035_/489584033_1'		3.33	3.33	3.33	0.74	0.3	3.33	0.52 No	0.3 Element Fault

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
UPPO63	578	'6968503_/_6968513'	3.33		3.33	3.33	0.74	0.3	3.33	0.52 No	0.3 Element Fault
UPPO63	579	'44029360_/_44029362'	10		10	10	2.21	10	10	1.57 No	1.57 Unintentional Islanding
UPPO63	580	'6975451_/_6975468'	10		10	10	2.21	10	10	1.57 No	1.57 Unintentional Islanding
UPPO63	581	'6975450_/_6975448'	10		10	10	2.21	10	10	1.57 No	1.57 Unintentional Islanding
UPPO63	582	'6975345_/_6978178'	10		10	10	2.21	10	10	1.57 No	1.57 Unintentional Islanding
UPPO63	583	'489583468_/_489583466'	6.67		6.67	6.67	1.47	1	6.67	1.05 No	1 Element Fault
UPPO63	584	'43955405_/_43955407'	3.33		3.33	3.33	0.74	0.5	3.33	0.52 No	0.5 Element Fault
UPPO63	585	'6612800_/_6612797'	4.6		10	10	2.21	2.7	10	1.6 No	1.6 Unintentional Islanding
UPPO63	586	'6970078_/_6970075'	10		10	10	2.21	1.5	10	1.57 No	1.5 Element Fault
UPPO63	587	'489584050_/_489584048'	3.33		3.33	3.33	0.74	0.3	3.33	0.52 No	0.3 Element Fault
UPPO63	588	'6973262_/_6975343'	10		10	10	2.21	10	10	1.57 No	1.57 Unintentional Islanding
UPPO63	589	'6973246_/_6973260'	10		10	10	2.21	10	10	1.57 No	1.57 Unintentional Islanding
UPPO63	590	'51687208_/_51687215_2'	10		10	10	2.21	1.4	10	1.57 No	1.4 Element Fault
UPPO63	591	'6973178_/_6973243'	10		10	10	2.21	10	10	1.57 No	1.57 Unintentional Islanding
UPPO63	592	'6968490_/_6968500'	3.33		3.33	3.33	0.74	0.3	3.33	0.52 No	0.3 Element Fault
UPPO63	593	'6973161_/_6973175'	10		10	10	2.21	10	10	1.57 No	1.57 Unintentional Islanding
UPPO63	594	'44030222_/_6977685'	3.33		3.33	3.33	0.74	0.3	3.33	0.52 No	0.3 Element Fault
UPPO63	595	'489583494_/_489583492'	6.67		6.67	6.67	1.47	1	6.67	1.05 No	1 Element Fault
UPPO63	596	'6973160_/_6973158'	10		10	10	2.21	10	10	1.57 No	1.57 Unintentional Islanding
UPPO63	597	'6973195_/_6973209'	10		10	10	2.21	10	10	1.57 No	1.57 Unintentional Islanding
UPPO63	598	'489584063_/_489584061'	3.33		3.33	3.33	0.74	0.3	3.33	0.52 No	0.3 Element Fault
UPPO63	599	'6973144_/_6973192'	10		10	10	2.21	10	10	1.57 No	1.57 Unintentional Islanding
UPPO63	600	'6973127_/_6973141'	10		10	10	2.21	10	10	1.57 No	1.57 Unintentional Islanding
UPPO63	601	'6973110_/_6973124'	10		10	10	2.21	10	10	1.57 No	1.57 Unintentional Islanding
UPPO63	602	'6612817_/_6612814'	4.3		10	10	2.21	2.7	10	1.6 No	1.6 Unintentional Islanding
UPPO63	603	'6938761_/_489583508'	6.67		6.67	6.67	1.47	1	6.67	1.05 No	1 Element Fault
UPPO63	604	'6973093_/_6973107'	10		10	10	2.21	10	10	1.57 No	1.57 Unintentional Islanding
UPPO63	605	'525323631_/_525322964_2'	3.33		3.33	3.33	0.74	0.5	3.33	0.52 No	0.5 Element Fault
UPPO63	606	'52916304_/_7117692'	10		10	10	2.21	1.5	10	1.57 No	1.5 Element Fault
UPPO63	607	'6973076_/_6973090'	10		10	10	2.21	10	10	1.57 No	1.57 Unintentional Islanding
UPPO63	608	'67917608_/_9345094_1'	10		10	10	2.21	0.9	10	1.57 No	0.9 Element Fault
UPPO63	609	'6625593_/_6625606'	2.87		3.33	3.33	0.74	0.5	3.33	0.52 No	0.5 Element Fault
UPPO63	610	'6973075_/_6973073'	10		10	10	2.21	10	10	1.57 No	1.57 Unintentional Islanding
UPPO63	611	'441816794_/_6968487_2'	3.33		3.33	3.33	0.74	0.3	3.33	0.52 No	0.3 Element Fault
UPPO63	612	'350429848_/_6612864_1'	4.2		10	10	2.21	1.8	10	1.59 No	1.59 Unintentional Islanding
UPPO63	613	'6973457_/_6977698'	3.33		3.33	3.33	0.74	0.3	3.33	0.52 No	0.3 Element Fault
UPPO63	614	'6977654_/_6977668'	10		10	10	2.21	10	10	1.57 No	1.57 Unintentional Islanding
UPPO63	615	'6968489_/_6968487_1'	3.33		3.33	3.33	0.74	0.3	3.33	0.52 No	0.3 Element Fault
UPPO63	616	'525322966_/_525322964_1'	3.33		3.33	3.33	0.74	0.3	3.33	0.52 No	0.3 Element Fault
UPPO63	617	'6977637_/_6977651'	10		10	10	2.21	10	10	1.57 No	1.57 Unintentional Islanding
UPPO63	618	'408720175_/_6612864_2'	4.1		10	10	2.21	1.8	10	1.59 No	1.59 Unintentional Islanding
UPPO63	619	'9345097_/_9345094_2'	10		10	10	2.21	0.9	10	1.57 No	0.9 Element Fault
UPPO63	620	'489584076_/_489584074'	3.33		3.33	3.33	0.74	0.3	3.33	0.52 No	0.3 Element Fault
UPPO63	621	'6973059_/_6977634'	10		10	10	2.21	10	10	1.57 No	1.57 Unintentional Islanding
UPPO63	622	'489583532_/_489583530'	6.67		6.67	6.67	1.47	1	6.67	1.05 No	1 Element Fault
UPPO63	623	'6973042_/_6973056'	10		10	10	2.21	10	10	1.57 No	1.57 Unintentional Islanding
UPPO63	624	'525322981_/_525322979'	3.33		3.33	3.33	0.74	0.3	3.33	0.52 No	0.3 Element Fault
UPPO63	625	'6973025_/_6973039'	10		10	10	2.21	10	10	1.57 No	1.57 Unintentional Islanding
UPPO63	626	'6612834_/_6612831'	4		10	10	2.21	2.7	10	1.59 No	1.59 Unintentional Islanding
UPPO63	627	'6973008_/_6973022'	10		10	10	2.21	10	10	1.57 No	1.57 Unintentional Islanding
UPPO63	628	'6612867_/_6612864_3'	4		10	10	2.21	1.8	10	1.59 No	1.59 Unintentional Islanding
UPPO63	629	'489584091_/_489584089'	3.33		3.33	3.33	0.74	0.3	3.33	0.52 No	0.3 Element Fault
UPPO63	630	'489583554_/_489583552'	6.67		6.67	6.67	1.47	1	6.67	1.05 No	1 Element Fault
UPPO63	631	'6972991_/_6973005'	10		10	10	2.21	10	10	1.57 No	1.57 Unintentional Islanding
UPPO63	632	'44029423_/_6973455'	3.33		3.33	3.33	0.74	0.3	3.33	0.52 No	0.3 Element Fault
UPPO63	633	'6972974_/_6972988'	10		10	10	2.21	10	10	1.57 No	1.57 Unintentional Islanding
UPPO63	634	'43955394_/_43955396'	2.3		3.33	3.33	0.74	0.5	3.33	0.52 No	0.5 Element Fault
UPPO63	635	'489584106_/_489584104'	3.33		3.33	3.33	0.74	0.3	3.33	0.52 No	0.3 Element Fault
UPPO63	636	'6610816_/_6614668'	2.6		6.67	6.67	1.47	1.2	6.67	1.06 No	1.06 Unintentional Islanding
UPPO63	637	'6972957_/_6972971'	10		10	10	2.21	10	10	1.57 No	1.57 Unintentional Islanding
UPPO63	638	'44030199_/_6977463'	3.33		3.33	3.33	0.74	0.3	3.33	0.52 No	0.3 Element Fault
UPPO63	639	'6972956_/_6972954'	10		10	10	2.21	10	10	1.57 No	1.57 Unintentional Islanding
UPPO63	640	'430551745_/_6612849'	3.8		10	10	2.21	2.7	10	1.59 No	1.59 Unintentional Islanding
UPPO63	641	'525323002_/_525323000'	3.33		3.33	3.33	0.74	0.3	3.33	0.52 No	0.3 Element Fault
UPPO63	642	'6973316_/_6973314'	10		10	10	2.21	10	10	1.57 No	1.57 Unintentional Islanding
UPPO63	643	'430551928_/_430551846_1'	3.8		10	10	2.21	1.4	10	1.59 No	1.4 Element Fault
UPPO63	644	'6612890_/_6612887'	3.8		10	10	2.21	1.8	10	1.59 No	1.59 Unintentional Islanding
UPPO63	645	'44021851_/_489583568'	6.67		6.67	6.67	1.47	1	6.67	1.05 No	1 Element Fault
UPPO63	646	'525323867_/_525323108_2'	3.33		3.33	3.33	0.74	0.5	3.33	0.52 No	0.5 Element Fault
UPPO63	647	'6973458_/_44029425'	3.33		3.33	3.33	0.74	0.3	3.33	0.52 No	0.3 Element Fault
UPPO63	648	'525322697_/_489584119'	3.33		3.33	3.33	0.74	0.3	3.33	0.52 No	0.3 Element Fault
UPPO63	649	'430551827_/_430551846_2'	3.7		10	10	2.21	1.4	10	1.59 No	1.4 Element Fault
UPPO63	650	'6973336_/_6973351'	10		10	10	2.21	1.2	10	1.57 No	1.2 Element Fault
UPPO63	651	'525323110_/_525323108_1'	3.33		3.33	3.33	0.74	0.3	3.33	0.52 No	0.3 Element Fault
UPPO63	652	'44994239_/_6625577'	2.03		3.33	3.33	0.74	0.5	3.33	0.52 No	0.5 Element Fault
UPPO63	653	'525323023_/_525323021'	3.33		3.33	3.33	0.74	0.3	3.33	0.52 No	0.3 Element Fault
UPPO63	654	'6973337_/_6973334'	10		10	10	2.21	1.2	10	1.57 No	1.2 Element Fault
UPPO63	655	'6968477_/_6977450'	3.33		3.33	3.33	0.74	0.3	3.33	0.52 No	0.3 Element Fault
UPPO63	656	'416928252_/_6612904'	3.7		10	10	2.21	1.8	10	1.59 No	1.59 Unintentional Islanding
UPPO63	657	'525322710_/_525322708'	3.33		3.33	3.33	0.74	0.3	3.33	0.52 No	0.3 Element Fault
UPPO63	658	'525323125_/_525323123'	3.33		3.33	3.33	0.74	0.3	3.33	0.52 No	0.3 Element Fault
UPPO63	659	'525323044_/_525323042'	3.33		3.33	3.33	0.74	0.3	3.33	0.52 No	0.3 Element Fault
UPPO63	660	'6987965_/_7117760'	10		10	10	2.21	1.2	10	1.57 No	1.2 Element Fault
UPPO63	661	'43953331_/_416928254'	3.5		10	10	2.21	1.8	10	1.59 No	1.59 Unintentional Islanding
UPPO63	662	'525322731_/_525322729'	3.33		3.33	3.33	0.74	0.3	3.33	0.52 No	0.3 Element Fault
UPPO63	663	'6968461_/_6968474'	3.33		3.33	3.33	0.74	0.3	3.33	0.52 No	0.3 Element Fault
UPPO63	664	'525323148_/_525323146'	3.33		3.33	3.33	0.74	0.3	3.33	0.52 No	0.3 Element Fault
UPPO63	665	'6987966_/_6987963'	10		10	10	2.21	1.2	10	1.57 No	1.2 Element Fault
UPPO63	666	'525323059_/_525323057'	3.33		3.33	3.33	0.74	0.3	3.33	0.52 No	0.3 Element Fault
UPPO63	667	'6987983_/_6987980'	10		10	10	2.21	1.2	10	1.57 No	1.2 Element Fault
UPPO63	668	'6612923_/_43953333'	3.4		10	10	2.21	1.8	10	1.58 No	1.58 Unintentional Islanding
UPPO63	669	'525323173_/_525323171'	3.33		3.33	3.33	0.74	0.3	3.33	0.52 No	0.3 Element Fault
UPPO63	670	'525323080_/_525323078'	3.33		3.33	3.33	0.74	0.3	3.33	0.52 No	0.3 Element Fault
UPPO63	671	'44028297_/_44028299'	2.87		3.33	3.33	0.74	0.3	3.33	0.52 No	0.3 Element Fault

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Over-Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
UPPO63	672	'6988000_/_6987997'		10	10	10	2.21	1.2	10	1.57 No	1.2 Element Fault
UPPO63	673	'6612924_/_6612921_1'		3.3	10	10	2.21	1.2	10	1.58 No	1.2 Element Fault
UPPO63	674	'43953304_/_6612921_2'		3.3	10	10	2.21	1.2	10	1.58 No	1.2 Element Fault
UPPO63	675	'525323194_/_525323192'		2.6	3.33	3.33	0.74	0.3	3.33	0.52 No	0.3 Element Fault
UPPO63	676	'525323289_/_525323314'		3.33	3.33	3.33	0.74	0.3	3.33	0.52 No	0.3 Element Fault
UPPO63	677	'447028975_/_43953306'		3.3	10	10	2.21	1.2	10	1.58 No	1.2 Element Fault
UPPO63	678	'6988017_/_6988014'		10	10	10	2.21	1.2	10	1.57 No	1.2 Element Fault
UPPO63	679	'525323288_/_525323286'		2.53	3.33	3.33	0.74	0.3	3.33	0.52 No	0.3 Element Fault
UPPO63	680	'525323215_/_525323213'		2.27	3.33	3.33	0.74	0.3	3.33	0.52 No	0.3 Element Fault
UPPO63	681	'44030684_/_6988034'		10	10	10	2.21	1.2	10	1.57 No	1.2 Element Fault
UPPO63	682	'525323094_/_525323305'		2.23	3.33	3.33	0.74	0.3	3.33	0.52 No	0.3 Element Fault
UPPO63	683	'525323228_/_525323226'		2.03	3.33	3.33	0.74	0.3	3.33	0.52 No	0.3 Element Fault
UPPO63	684	'6975874_/_6988051'		10	10	10	2.21	1.2	10	1.57 No	1.2 Element Fault
UPPO63	685	'525323093_/_525323091'		2	3.33	3.33	0.74	0.3	3.33	0.52 No	0.3 Element Fault
UPPO63	686	'6975861_/_6975859_1'		3.33	3.33	3.33	0.74	0.4	3.33	0.52 No	0.4 Element Fault
UPPO63	687	'6982029_/_6982026_2'		3.33	3.33	3.33	0.74	0.4	3.33	0.52 No	0.4 Element Fault
UPPO63	688	'525323241_/_525323239'		1.9	3.33	3.33	0.74	0.3	3.33	0.52 No	0.3 Element Fault
UPPO63	689	'6988071_/_6988068_1'		10	10	10	2.21	1.2	10	1.57 No	1.2 Element Fault
UPPO63	690	'50902666_/_6988068_2'		10	10	10	2.21	1.2	10	1.57 No	1.2 Element Fault
UPPO63	691	'6988409_/_6988068_3'		10	10	10	2.21	1.2	10	1.57 No	1.2 Element Fault
UPPO63	692	'6975862_/_6975859_2'		3.33	3.33	3.33	0.74	0.4	3.33	0.52 No	0.4 Element Fault
UPPO63	693	'6988230_/_6988227'		10	10	10	2.21	1.1	10	1.57 No	1.1 Element Fault
UPPO63	694	'44030708_/_6982026_1'		3.33	3.33	3.33	0.74	0.4	3.33	0.52 No	0.4 Element Fault
UPPO63	695	'525323254_/_525323252'		1.73	3.33	3.33	0.74	0.3	3.33	0.52 No	0.3 Element Fault
UPPO63	696	'67917995_/_6988244'		10	10	10	2.21	1.1	10	1.57 No	1.1 Element Fault
UPPO63	697	'67918016_/_6987032_1'		3.33	3.33	3.33	0.74	0.37	3.33	0.52 No	0.37 Element Fault
UPPO63	698	'6988263_/_6988298'		10	10	10	2.21	1.1	10	1.57 No	1.1 Element Fault
UPPO63	699	'525323275_/_525323273'		1.63	3.33	3.33	0.74	0.3	3.33	0.52 No	0.3 Element Fault
UPPO63	700	'44030821_/_6982407'		3.33	3.33	3.33	0.74	0.4	3.33	0.52 No	0.4 Element Fault
UPPO63	701	'44032101_/_6987032_2'		3.33	3.33	3.33	0.74	0.37	3.33	0.52 No	0.37 Element Fault
UPPO63	702	'6982003_/_6982013'		3.33	3.33	3.33	0.74	0.4	3.33	0.52 No	0.4 Element Fault
UPPO63	703	'6988264_/_6988261'		10	10	10	2.21	1.1	10	1.57 No	1.1 Element Fault
UPPO63	704	'6988281_/_6988278'		10	10	10	2.21	1.1	10	1.57 No	1.1 Element Fault
UPPO63	705	'6982423_/_44030823'		3.33	3.33	3.33	0.74	0.4	3.33	0.52 No	0.4 Element Fault
UPPO63	706	'6982002_/_6982000'		3.33	3.33	3.33	0.74	0.4	3.33	0.52 No	0.4 Element Fault
UPPO63	707	'6988317_/_6988558'		10	10	10	2.21	1.1	10	1.57 No	1.1 Element Fault
UPPO63	708	'44031758_/_44031760'		3.33	3.33	3.33	0.74	0.37	3.33	0.52 No	0.37 Element Fault
UPPO63	709	'6988318_/_6988315'		10	10	10	2.21	1.1	10	1.57 No	1.1 Element Fault
UPPO63	710	'44030832_/_6982433'		3.33	3.33	3.33	0.74	0.4	3.33	0.52 No	0.4 Element Fault
UPPO63	711	'44032112_/_44032114'		3.33	3.33	3.33	0.74	0.4	3.33	0.52 No	0.4 Element Fault
UPPO63	712	'6988334_/_6988349'		10	10	10	2.21	1.1	10	1.57 No	1.1 Element Fault
UPPO63	713	'6982081_/_6982091'		3.33	3.33	3.33	0.74	0.37	3.33	0.52 No	0.37 Element Fault
UPPO63	714	'69399239_/_6988332'		10	10	10	2.21	1.1	10	1.57 No	1.1 Element Fault
UPPO63	715	'6988161_/_69399236_1'		10	10	10	2.21	1.1	10	1.57 No	1.1 Element Fault
UPPO63	716	'6981990_/_6987045'		3.33	3.33	3.33	0.74	0.4	3.33	0.52 No	0.4 Element Fault
UPPO63	717	'6982449_/_44030834'		3.33	3.33	3.33	0.74	0.4	3.33	0.52 No	0.4 Element Fault
UPPO63	718	'44031791_/_44031793'		3.33	3.33	3.33	0.74	0.37	3.33	0.52 No	0.37 Element Fault
UPPO63	719	'6981977_/_6981987'		3.33	3.33	3.33	0.74	0.4	3.33	0.52 No	0.4 Element Fault
UPPO63	720	'6982462_/_6982459'		3.33	3.33	3.33	0.74	0.4	3.33	0.52 No	0.4 Element Fault
UPPO63	721	'6982068_/_6987723'		3.33	3.33	3.33	0.74	0.37	3.33	0.52 No	0.37 Element Fault
UPPO63	722	'44030843_/_6982472'		3.33	3.33	3.33	0.74	0.4	3.33	0.52 No	0.4 Element Fault
UPPO63	723	'44030697_/_6981974'		3.33	3.33	3.33	0.74	0.4	3.33	0.52 No	0.4 Element Fault
UPPO63	724	'44031747_/_44031749'		3.33	3.33	3.33	0.74	0.37	3.33	0.52 No	0.37 Element Fault
UPPO63	725	'602119923_/_602119927'		3.33	3.33	3.33	0.74	0.4	3.33	0.52 No	0.4 Element Fault
UPPO63	726	'6982488_/_44030845'		3.33	3.33	3.33	0.74	0.4	3.33	0.52 No	0.4 Element Fault
UPPO63	727	'6981948_/_6981958'		2.07	3.33	3.33	0.74	0.4	3.33	0.52 No	0.4 Element Fault
UPPO63	728	'6982054_/_6982052'		3.33	3.33	3.33	0.74	0.37	3.33	0.52 No	0.37 Element Fault
UPPO63	729	'6982501_/_6982498'		3.33	3.33	3.33	0.74	0.4	3.33	0.52 No	0.4 Element Fault
UPPO63	730	'6981947_/_6981945'		1.77	3.33	3.33	0.74	0.4	3.33	0.52 No	0.4 Element Fault
UPPO63	731	'44030854_/_6982511'		3.33	3.33	3.33	0.74	0.4	3.33	0.52 No	0.4 Element Fault
UPPO63	732	'44031780_/_44031782'		3.33	3.33	3.33	0.74	0.37	3.33	0.52 No	0.37 Element Fault
UPPO63	733	'6982527_/_44030856'		3.33	3.33	3.33	0.74	0.4	3.33	0.52 No	0.4 Element Fault
UPPO63	734	'6986943_/_6986956'		3.33	3.33	3.33	0.74	0.37	3.33	0.52 No	0.37 Element Fault
UPPO63	735	'6982540_/_6982537'		2.07	3.33	3.33	0.74	0.4	3.33	0.52 No	0.4 Element Fault
UPPO63	736	'6982553_/_6982550'		1.97	3.33	3.33	0.74	0.4	3.33	0.52 No	0.4 Element Fault
UPPO63	737	'44031769_/_44031771'		1.83	3.33	3.33	0.74	0.37	3.33	0.52 No	0.37 Element Fault
UPPO63	738	'44030865_/_6982563'		1.73	3.33	3.33	0.74	0.4	3.33	0.52 No	0.4 Element Fault
UPPO63	739	'6986942_/_6986940'		1.63	3.33	3.33	0.74	0.37	3.33	0.52 No	0.37 Element Fault
UPPO63	740	'6982579_/_6982576'		1.6	3.33	3.33	0.74	0.4	3.33	0.52 No	0.4 Element Fault
UPPO63	741	'44030876_/_6982589'		1.47	3.33	3.33	0.74	0.4	3.33	0.52 No	0.4 Element Fault
UPPO63	742	'6982605_/_6982602'		1.37	3.33	3.33	0.74	0.4	3.33	0.52 No	0.4 Element Fault
UPPO63	743	'6982618_/_6982615'		1.23	3.33	3.33	0.74	0.4	3.33	0.52 No	0.4 Element Fault
UPPO63	744	'44030887_/_6982628'		1.17	3.33	3.33	0.74	0.4	3.33	0.52 No	0.4 Element Fault
UPPO63	745	'6982631_/_6982641_1'		1.17	3.33	3.33	0.74	0.4	3.33	0.52 No	0.4 Element Fault
UPPO63	746	'6982644_/_6982641_2'		1.13	3.33	3.33	0.74	0.4	3.33	0.52 No	0.4 Element Fault
UPPO63	747	'44030898_/_6982654'		1.07	3.33	3.33	0.74	0.4	3.28	0.52 No	0.4 Element Fault
UPPO63	748	'44804311_/_6982667'		1.03	3.33	3.33	0.74	0.4	3.22	0.52 No	0.4 Element Fault
UPPO63	749	'67917735_/_50902642'		10	10	10	2.21	1	6.85	1.57 No	1 Element Fault
UPPO63	750	'6988087_/_67917732_1'		10	10	10	2.21	1	6.83	1.57 No	1 Element Fault
UPPO63	751	'6987035_/_67917732_2'		10	10	10	2.21	1	6.7	1.57 No	1 Element Fault
UPPO63	752	'6987932_/_6987929'		10	10	10	2.21	1	6.58	1.57 No	1 Element Fault
UPPO63	753	'6987949_/_6987946'		10	10	10	2.21	1	6.5	1.57 No	1 Element Fault
UPPO63	754	'632875772_/_6988627_1'		3.33	3.33	3.33	0.74	0.1	2.16	0.52 No	0.1 Element Fault
UPPO63	755	'6988107_/_6988538'		10	10	10	2.21	1	6.36	1.57 No	1 Element Fault
UPPO63	756	'49233985_/_6988640_1'		3.33	3.33	3.33	0.74	0.1	2.1	0.52 No	0.1 Element Fault
UPPO63	757	'6988108_/_6988105'		10	10	10	2.21	1	6.26	1.57 No	1 Element Fault
UPPO63	758	'6988125_/_6988122'		10	10	10	2.21	1	6.16	1.57 No	1 Element Fault
UPPO63	759	'6983059_/_6988139'		10	10	10	2.21	1	6.04	1.57 No	1 Element Fault
UPPO63	760	'6988682_/_6988679_2'		3.33	3.33	3.33	0.74	0.3	2.04	0.52 No	0.3 Element Fault
UPPO63	761	'49233981_/_6983057_1'		3.33	3.33	3.33	0.74	0.1	2	0.52 No	0.1 Element Fault
UPPO63	762	'6982682_/_6988627_2'		3.33	3.33	3.33	0.74	0.1	2.02	0.52 No	0.1 Element Fault
UPPO63	763	'6988656_/_44030956_2'		3.33	3.33	3.33	0.74	0.3	1.95	0.52 No	0.3 Element Fault
UPPO63	764	'6988477_/_6988679_1'		3.33	3.33	3.33	0.74	0.1	1.91	0.52 No	0.1 Element Fault
UPPO63	765	'6986596_/_6988640_2'		3.33	3.33	3.33	0.74	0.1	1.88	0.52 No	0.1 Element Fault

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
UPPO63	766	'44030954_/44030956_1'	3.33		3.33	3.33	0.74	0.1	1.83	0.52 No	0.1 Element Fault
UPPO63	767	'6983060_/6983057_2'	3.33		3.33	3.33	0.74	0.1	1.79	0.52 No	0.1 Element Fault
UPPO63	768	'44031802_/6982680'	3.33		3.33	3.33	0.74	0.1	1.8	0.52 No	0.1 Element Fault
UPPO63	769	'6986597_/6986594'	3.33		3.33	3.33	0.74	0.1	1.72	0.52 No	0.1 Element Fault
UPPO63	770	'44031923_/44031925'	3.33		3.33	3.33	0.74	0.1	1.69	0.52 No	0.1 Element Fault
UPPO63	771	'6983034_/6983044'	3.33		3.33	3.33	0.74	0.1	1.65	0.52 No	0.1 Element Fault
UPPO63	772	'6983115_/6983112_2'	3.33		3.33	3.33	0.74	0.1	1.66	0.52 No	0.1 Element Fault
UPPO63	773	'44032335_/6989159'	3.33		3.33	3.33	0.74	0.1	1.62	0.52 No	0.1 Element Fault
UPPO63	774	'6982696_/44031804'	0.57		3.33	3.33	0.74	0.1	1.59	0.52 No	0.1 Element Fault
UPPO63	775	'44031122_/6986607'	3.33		3.33	3.33	0.74	0.1	1.56	0.52 No	0.1 Element Fault
UPPO63	776	'6983114_/6983112_1'	3.33		3.33	3.33	0.74	0.1	1.54	0.52 No	0.1 Element Fault
UPPO63	777	'44030943_/6983031'	3.33		3.33	3.33	0.74	0.1	1.5	0.52 No	0.1 Element Fault
UPPO63	778	'6983652_/6989172'	0.63		3.33	3.33	0.74	0.1	1.45	0.52 No	0.1 Element Fault
UPPO63	779	'6982709_/6982706'	0.43		3.33	3.33	0.74	0.1	1.45	0.52 No	0.1 Element Fault
UPPO63	780	'6983419_/6983416'	0.6		3.33	3.33	0.74	0.1	1.39	0.52 No	0.1 Element Fault
UPPO63	781	'6988577_/6988575'	0.6		3.33	3.33	0.74	0.1	1.38	0.52 No	0.1 Element Fault
UPPO63	782	'6983020_/6983018'	0.5		3.33	3.33	0.74	0.1	1.36	0.52 No	0.1 Element Fault
UPPO63	783	'6983653_/6983650'	0.5		3.33	3.33	0.74	0.1	1.36	0.52 No	0.1 Element Fault
UPPO63	784	'6988591_/6988601'	0.5		3.33	3.33	0.74	0.1	1.31	0.52 No	0.1 Element Fault
UPPO63	785	'44030909_/6982719'	0.37		3.33	3.33	0.74	0.1	1.3	0.52 No	0.1 Element Fault
UPPO63	786	'6983432_/6983429'	0.5		3.33	3.33	0.74	0.1	1.29	0.52 No	0.1 Element Fault
UPPO63	787	'6987100_/6987110'	0.4		2.73	3.33	0.74	0.1	1.26	0.52 No	0.1 Element Fault
UPPO63	788	'44031133_/6983663'	0.4		2.73	3.33	0.74	0.1	1.26	0.52 No	0.1 Element Fault
UPPO63	789	'44032197_/44032199'	0.47		2.73	3.33	0.74	0.1	1.26	0.52 No	0.1 Element Fault
UPPO63	790	'6982735_/44030911'	0.33		2.73	3.33	0.74	0.1	1.23	0.52 No	0.1 Element Fault
UPPO63	791	'6987642_/6988588'	0.43		2.73	3.33	0.74	0.1	1.21	0.52 No	0.1 Element Fault
UPPO63	792	'6983008_/6987097'	0.33		2.73	3.33	0.74	0.1	1.17	0.52 No	0.1 Element Fault
UPPO63	793	'6983679_/6983676'	0.33		2.73	3.33	0.74	0.1	1.17	0.52 No	0.1 Element Fault
UPPO63	794	'44031912_/6983442'	0.4		2.73	3.33	0.74	0.1	1.17	0.52 No	0.1 Element Fault
UPPO63	795	'6983102_/6987639'	0.4		2.73	3.33	0.74	0.1	1.16	0.52 No	0.1 Element Fault
UPPO63	796	'44031813_/6982745'	0.3		1.8	3.33	0.74	0.1	1.16	0.52 No	0.1 Element Fault
UPPO63	797	'6983692_/6983689'	0.3		2.73	3.33	0.74	0.1	1.11	0.52 No	0.1 Element Fault
UPPO63	798	'44030932_/44030934'	0.3		2.7	3.33	0.74	0.1	1.08	0.52 No	0.1 Element Fault
UPPO63	799	'44031901_/44031914'	0.33		1.6	3.33	0.74	0.1	1.08	0.52 No	0.1 Element Fault
UPPO63	800	'44031934_/44031936'	0.33		1.53	3.33	0.74	0.1	1.07	0.52 No	0.1 Element Fault
UPPO63	801	'6982761_/44031815'	0.27		1.37	3.33	0.74	0.1	1.07	0.52 No	0.1 Element Fault
UPPO63	802	'44031144_/6983702'	0.27		1.67	3.33	0.74	0.1	1.04	0.52 No	0.1 Element Fault
UPPO63	803	'6982982_/6982992'	0.27		1.53	3.33	0.74	0.1	1.03	0.52 No	0.1 Element Fault
UPPO63	804	'6983471_/6983468'	0.3		1.3	3.33	0.74	0.1	1.02	0.52 No	0.1 Element Fault
UPPO63	805	'6982774_/6982771'	0.23		1.2	3.33	0.74	0.1	1.02	0.52 No	0.1 Element Fault
UPPO63	806	'6982969_/6982979'	0.27		1.4	3.33	0.74	0.1	1	0.52 No	0.1 Element Fault
UPPO63	807	'6983073_/6983099'	0.3		1.23	3.33	0.74	0.1	1	0.52 No	0.1 Element Fault
UPPO63	808	'44031824_/6982797'	0.23		1.07	3.33	0.74	0.1	0.96	0.52 No	0.1 Element Fault
UPPO63	809	'6983718_/44031146'	0.23		1.2	3.33	0.74	0.1	0.96	0.52 No	0.1 Element Fault
UPPO63	810	'6982968_/6982966'	0.23		1.2	3.33	0.74	0.1	0.95	0.52 No	0.1 Element Fault
UPPO63	811	'44031890_/6983481'	0.27		1.13	3.33	0.74	0.1	0.95	0.52 No	0.1 Element Fault
UPPO63	812	'44031945_/6983086'	0.27		1.1	3.33	0.74	0.1	0.94	0.52 No	0.1 Element Fault
UPPO63	813	'402337524_/402337521'	0.27		1.03	3.33	0.74	0.1	0.92	0.52 No	0.1 Element Fault
UPPO63	814	'6983731_/6983728'	0.2		1.03	3.33	0.74	0.1	0.9	0.52 No	0.1 Element Fault
UPPO63	815	'44032123_/6987136'	0.2		1.03	3.33	0.74	0.1	0.9	0.52 No	0.1 Element Fault
UPPO63	816	'6982800_/44031826'	0.2		0.93	3.33	0.74	0.1	0.9	0.52 No	0.1 Element Fault
UPPO63	817	'6983497_/44031892'	0.23		0.93	3.33	0.74	0.1	0.87	0.52 No	0.1 Element Fault
UPPO63	818	'44031835_/6982810'	0.2		0.87	3.33	0.74	0.1	0.85	0.52 No	0.1 Element Fault
UPPO63	819	'6982953_/6987123'	0.2		0.9	3.33	0.74	0.1	0.84	0.52 No	0.1 Element Fault
UPPO63	820	'6982826_/6982823'	0.17		0.83	3.33	0.74	0.1	0.83	0.52 No	0.1 Element Fault
UPPO63	821	'6983510_/6983507_1'	0.2		0.83	3.33	0.74	0.1	0.81	0.52 No	0.1 Element Fault
UPPO63	822	'44031846_/6982836'	0.17		0.77	3.33	0.74	0.1	0.8	0.52 No	0.1 Element Fault
UPPO63	823	'6982952_/6982950'	0.17		0.83	3.33	0.74	0.1	0.79	0.52 No	0.1 Element Fault
UPPO63	824	'7117799_/7117797'	0.17		0.77	3.33	0.74	0.1	0.76	0.52 No	0.1 Element Fault
UPPO63	825	'6982852_/44031848'	0.17		0.7	3.33	0.74	0.1	0.76	0.52 No	0.1 Element Fault
UPPO63	826	'44032324_/6989120'	0.13		0.67	3.33	0.74	0.1	0.72	0.52 No	0.1 Element Fault
UPPO63	827	'6989136_/44032326'	0.13		0.6	3.33	0.74	0.1	0.68	0.52 No	0.1 Element Fault
UPPO63	828	'6982864_/6989146'	0.13		0.57	3.33	0.74	0.1	0.65	0.52 No	0.1 Element Fault
UPPO63	829	'6982865_/6982862'	0.13		0.53	3.33	0.74	0.1	0.62	0.52 No	0.1 Element Fault
UPPO63	830	'6982878_/6982875'	0.1		0.5	3.33	0.74	0.1	0.59	0.52 No	0.1 Primary Over-Voltage
UPPO64	0	'UPPO64_/8408110'	10		10	10	1.83	10	10	10 No	1.83 Thermal Discharging
UPPO64	1	'8408112_/8408110'	10		10	10	1.83	10	10	5.55 No	1.83 Thermal Discharging
UPPO64	2	'58111689_/9672190'	10		10	10	1.83	10	10	5.55 No	1.83 Thermal Discharging
UPPO64	3	'58111701_/7465145'	10		10	10	1.83	10	10	5.55 No	1.83 Thermal Discharging
UPPO64	4	'58111713_/9045933'	10		10	10	1.83	10	10	5.55 No	1.83 Thermal Discharging
UPPO64	5	'58111725_/9045913'	10		10	10	1.83	10	10	5.55 No	1.83 Thermal Discharging
UPPO64	6	'58111738_/58111735'	10		10	10	1.83	10	10	5.55 No	1.83 Thermal Discharging
UPPO64	7	'58111763_/58111760'	10		10	10	1.83	10	10	5.55 No	1.83 Thermal Discharging
UPPO64	8	'58111780_/58111777'	10		10	10	1.83	10	10	5.55 No	1.83 Thermal Discharging
UPPO64	9	'58111797_/58111794'	10		10	10	1.83	10	10	5.55 No	1.83 Thermal Discharging
UPPO64	10	'58111814_/58111811'	10		10	10	1.83	10	10	5.55 No	1.83 Thermal Discharging
UPPO64	11	'58111831_/58111828'	10		10	10	1.83	10	10	5.55 No	1.83 Thermal Discharging
UPPO64	12	'128090022_/128090031'	10		10	10	1.83	10	10	5.55 No	1.83 Thermal Discharging
UPPO64	13	'128090056_/128090065'	10		10	10	1.83	10	10	5.55 No	1.83 Thermal Discharging
UPPO64	14	'739911321_/128090082'	10		10	10	1.83	10	10	5.55 No	1.83 Thermal Discharging
UPPO64	15	'739911186_/126267241'	10		10	10	1.83	10	10	5.55 No	1.83 Thermal Discharging
UPPO64	16	'739911325_/126267248'	10		10	10	1.83	4.5	10	5.55 No	1.83 Thermal Discharging
UPPO64	17	'739911329_/126267255'	10		10	10	1.83	10	10	5.55 No	1.83 Thermal Discharging
UPPO64	18	'739911333_/126267262'	10		10	10	1.83	10	10	5.55 No	1.83 Thermal Discharging
UPPO64	19	'739911944_/739911921'	10		10	10	1.83	10	10	5.55 No	1.83 Thermal Discharging
UPPO64	20	'739912070_/739912000'	10		10	10	1.83	10	10	5.55 No	1.83 Thermal Discharging
UPPO64	21	'128090133_/739912031'	10		10	10	1.83	10	10	5.55 No	1.83 Thermal Discharging
UPPO64	22	'7763700_/9371024'	10		10	10	1.83	10	10	5.55 No	1.83 Thermal Discharging
UPPO64	23	'7763699_/7763697'	10		10	10	1.83	10	10	5.55 No	1.83 Thermal Discharging
UPPO64	24	'348089457_/348089463'	10		10	10	1.83	10	10	5.55 No	1.83 Thermal Discharging
UPPO64	25	'7777916_/9369902'	10		10	10	1.83	10	10	5.55 No	1.83 Thermal Discharging
UPPO64	26	'348089562_/348089559'	10		10	10	1.83	10	10	5.55 No	1.83 Thermal Discharging
UPPO64	27	'8708700_/348089589'	10		10	10	1.83	10	10	5.55 No	1.83 Thermal Discharging
UPPO64	28	'8708701_/8708698'	10		10	10	1.83	10	10	5.55 No	1.83 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
UPPO64	29	'7762856___/9341312'	10	10	10	1.83	10	10	5.55 No	1.83	Thermal Discharging
UPPO64	30	'7762855___/7762853'	10	10	10	1.83	10	10	5.55 No	1.83	Thermal Discharging
UPPO64	31	'8083934___/8083951'	10	10	10	1.83	10	10	5.55 No	1.83	Thermal Discharging
UPPO64	32	'7777915___/7777913'	10	10	10	1.83	10	10	5.55 No	1.83	Thermal Discharging
UPPO64	33	'70609019___/8083931'	10	10	10	1.83	10	10	5.55 No	1.83	Thermal Discharging
UPPO64	34	'37994146___/9359132'	10	10	10	1.83	10	10	5.55 No	1.83	Thermal Discharging
UPPO64	35	'7777935___/37994143'	10	10	10	1.83	10	10	5.55 No	1.83	Thermal Discharging
UPPO64	36	'7464113___/7777933'	10	10	10	1.83	10	10	5.55 No	1.83	Thermal Discharging
UPPO64	37	'37994209___/7464111'	10	10	10	1.83	10	10	5.55 No	1.83	Thermal Discharging
UPPO64	38	'404953082___/37994206'	10	10	10	1.83	10	10	5.55 No	1.83	Thermal Discharging
UPPO64	39	'404953149___/404953146'	10	10	10	1.83	10	10	5.55 No	1.83	Thermal Discharging
UPPO64	40	'348634788___/37994164'	10	10	10	1.83	10	10	5.55 No	1.83	Thermal Discharging
UPPO64	41	'8099725___/8099722'	10	10	10	1.83	10	10	5.55 No	1.83	Thermal Discharging
UPPO64	42	'476266026___/70609333'	10	10	10	1.83	10	10	5.55 No	1.83	Thermal Discharging
UPPO64	43	'476265962___/476266031'	10	10	10	1.83	10	10	5.55 No	1.83	Thermal Discharging
UPPO64	44	'476266122___/476265967'	10	10	10	1.83	10	10	5.55 No	1.83	Thermal Discharging
UPPO64	45	'70609265___/476266127'	10	10	10	1.83	10	10	5.55 No	1.83	Thermal Discharging
UPPO64	46	'403623851___/70609262'	10	10	10	1.83	10	10	5.55 No	1.83	Thermal Discharging
UPPO64	47	'70609251___/70609255'	10	10	10	1.83	10	10	5.55 No	1.83	Thermal Discharging
UPPO64	48	'70609231___/70609234'	10	10	10	1.83	10	10	5.55 No	1.83	Thermal Discharging
UPPO64	49	'70609223___/70609227'	10	10	10	1.83	10	10	5.55 No	1.83	Thermal Discharging
UPPO64	50	'70609656___/70609672'	10	10	10	1.83	10	10	5.55 No	1.83	Thermal Discharging
UPPO64	51	'476266090___/476266095'	10	10	10	1.83	10	10	5.55 No	1.83	Thermal Discharging
UPPO64	52	'476265994___/476265999'	10	10	10	1.83	10	10	5.55 No	1.83	Thermal Discharging
UPPO64	53	'476266058___/476266063'	10	10	10	1.83	10	10	5.55 No	1.83	Thermal Discharging
UPPO64	54	'7762596___/70609366'	10	10	10	1.83	10	10	5.55 No	1.83	Thermal Discharging
UPPO64	55	'7762595___/7762593'	10	10	10	1.83	10	10	5.55 No	1.83	Thermal Discharging
UPPO64	56	'7762895___/7762893'	10	10	10	1.83	10	10	5.55 No	1.83	Thermal Discharging
UPPO64	57	'37973880___/8398774'	10	10	10	1.83	10	10	5.55 No	1.83	Thermal Discharging
UPPO64	58	'405200426___/37973877'	10	10	10	1.83	10	10	5.55 No	1.83	Thermal Discharging
UPPO64	59	'37973908___/37973905'	10	10	10	1.83	10	10	5.55 No	1.83	Thermal Discharging
UPPO64	60	'37973866___/37973863'	10	10	10	1.83	5	10	5.55 No	1.83	Thermal Discharging
UPPO64	61	'37973894___/37973891'	10	10	10	1.83	4.6	10	5.55 No	1.83	Thermal Discharging
UPPO64	62	'8708781___/9341192'	10	10	10	1.83	10	10	5.55 No	1.83	Thermal Discharging
UPPO64	63	'537771132___/537771158'	10	10	10	1.83	5	10	5.55 No	1.83	Thermal Discharging
UPPO64	64	'8708780___/8708778'	10	10	10	1.83	10	10	5.55 No	1.83	Thermal Discharging
UPPO64	65	'8398896___/9028527'	10	10	10	1.83	10	10	5.55 No	1.83	Thermal Discharging
UPPO64	66	'9656099___/537771196'	10	10	10	1.83	5	10	5.55 No	1.83	Thermal Discharging
UPPO64	67	'392956724___/392445737'	10	10	10	1.83	10	10	5.55 No	1.83	Thermal Discharging
UPPO64	68	'384148146___/384148151'	10	10	10	1.83	10	10	5.55 No	1.83	Thermal Discharging
UPPO64	69	'392956730___/384148161'	10	10	10	1.83	4.5	10	5.55 No	1.83	Thermal Discharging
UPPO64	70	'392956736___/384148169'	10	10	10	1.83	10	10	5.55 No	1.83	Thermal Discharging
UPPO64	71	'392956718___/384148143'	10	10	10	1.83	4.5	10	5.55 No	1.83	Thermal Discharging
UPPO64	72	'384147733___/392956874'	10	10	10	1.83	10	10	5.55 No	1.83	Thermal Discharging
UPPO64	73	'392445009___/392445006'	10	10	10	1.83	10	10	5.55 No	1.83	Thermal Discharging
UPPO64	74	'384147739___/392445016'	10	10	10	1.83	10	10	5.55 No	1.83	Thermal Discharging
UPPO64	75	'384147745___/392445024'	10	10	10	1.83	10	10	5.55 No	1.83	Thermal Discharging
UPPO64	76	'384147751___/392445032'	10	10	10	1.83	4.5	10	5.55 No	1.83	Thermal Discharging
UPPO64	77	'8398756___/8708538'	10	10	10	1.83	4.6	10	5.55 No	1.83	Thermal Discharging
UPPO64	78	'9028470___/9656277'	10	10	10	1.83	5	10	5.55 No	1.83	Thermal Discharging
UPPO64	79	'8398876___/392445718'	10	10	10	1.83	10	10	5.55 No	1.83	Thermal Discharging
UPPO64	80	'391227756___/392957108'	10	10	10	1.83	4.5	10	5.55 No	1.83	Thermal Discharging
UPPO64	81	'391227776___/391227831'	10	10	10	1.83	4.5	10	5.55 No	1.83	Thermal Discharging
UPPO64	82	'343192649___/8398874'	10	10	10	1.83	10	10	5.55 No	1.83	Thermal Discharging
UPPO64	83	'8398757___/8398754'	10	10	10	1.83	4.6	10	5.55 No	1.83	Thermal Discharging
UPPO64	84	'343192568___/343192667'	10	10	10	1.83	10	10	5.55 No	1.83	Thermal Discharging
UPPO64	85	'7449336___/9655839'	10	10	10	1.83	4.6	10	5.55 No	1.83	Thermal Discharging
UPPO64	86	'126054964___/126054971'	10	10	10	1.83	4.6	10	5.55 No	1.83	Thermal Discharging
UPPO64	87	'7449200___/9028467'	10	10	10	1.83	5	10	5.55 No	1.83	Thermal Discharging
UPPO64	88	'7449180___/537771223'	10	10	10	1.83	5	10	5.55 No	1.83	Thermal Discharging
UPPO64	89	'343192523___/343192602'	10	10	10	1.83	10	10	5.55 No	1.83	Thermal Discharging
UPPO64	90	'391227859___/391227923'	10	10	10	1.83	4.5	10	5.55 No	1.83	Thermal Discharging
UPPO64	91	'7449060___/7762913'	10	10	10	1.83	4.5	10	5.55 No	1.83	Thermal Discharging
UPPO64	92	'126054921___/126055001'	10	10	10	1.83	4.6	10	5.55 No	1.83	Thermal Discharging
UPPO64	93	'8083833___/8083831'	10	10	10	1.83	5	10	5.55 No	1.83	Thermal Discharging
UPPO64	94	'7449061___/7449058'	10	10	10	1.83	4.5	10	5.55 No	1.83	Thermal Discharging
UPPO64	95	'343191678___/343192520'	10	10	10	1.83	10	10	5.55 No	1.83	Thermal Discharging
UPPO64	96	'7449574___/9028447'	10	10	10	1.83	4.5	10	5.55 No	1.83	Thermal Discharging
UPPO64	97	'126054941___/126054939'	10	10	10	1.83	4.6	10	5.55 No	1.83	Thermal Discharging
UPPO64	98	'343191536___/343191712'	10	10	10	1.83	10	10	5.55 No	1.83	Thermal Discharging
UPPO64	99	'9028070___/9028087'	10	10	10	1.83	5	10	5.55 No	1.83	Thermal Discharging
UPPO64	100	'7449317___/7449572'	10	10	10	1.83	4.5	10	5.55 No	1.83	Thermal Discharging
UPPO64	101	'340803392___/343191596'	10	10	10	1.83	10	10	5.55 No	1.83	Thermal Discharging
UPPO64	102	'340803463___/340803344_1'	10	10	10	1.83	10	10	5.55 No	1.83	Thermal Discharging
UPPO64	103	'340643778___/340803344_2'	10	10	10	1.83	10	10	5.55 No	1.83	Thermal Discharging
UPPO64	104	'7762935___/9028067'	10	10	10	1.83	5	10	5.55 No	1.83	Thermal Discharging
UPPO64	105	'118961494___/118961498'	10	10	10	1.83	10	10	5.55 No	1.83	Thermal Discharging
UPPO64	106	'6543713___/340643780'	10	10	10	1.83	10	10	5.55 No	1.83	Thermal Discharging
UPPO64	107	'7449337___/491725459'	10	10	10	1.83	4.6	10	5.55 No	1.83	Thermal Discharging
UPPO64	108	'390647992___/390647994'	10	10	10	1.83	10	10	5.55 No	1.83	Thermal Discharging
UPPO64	109	'6543730___/6543727'	10	10	10	1.83	10	10	5.55 No	1.83	Thermal Discharging
UPPO64	110	'447987658___/6543710_2'	10	10	10	1.83	10	10	5.55 No	1.83	Thermal Discharging
UPPO64	111	'6543696___/6543710_1'	10	10	10	1.83	10	10	5.55 No	1.83	Thermal Discharging
UPPO64	112	'340802654___/340802329_2'	10	10	10	1.83	5.2	10	5.55 No	1.83	Thermal Discharging
UPPO64	113	'6543747___/7109379_1'	10	10	10	1.83	1.6	10	5.55 No	1.6	Element Fault
UPPO64	114	'6534540___/6543693'	10	10	10	1.83	10	10	5.55 No	1.83	Thermal Discharging
UPPO64	115	'7449710___/9028187'	10	10	10	1.83	4.6	10	5.55 No	1.83	Thermal Discharging
UPPO64	116	'390648030___/390648027'	10	10	10	1.83	10	10	5.55 No	1.83	Thermal Discharging
UPPO64	117	'6519507___/6534537'	10	10	10	1.83	10	10	5.55 No	1.83	Thermal Discharging
UPPO64	118	'390648293___/390648265'	10	10	10	1.83	10	10	5.55 No	1.83	Thermal Discharging
UPPO64	119	'7449711___/7449708'	10	10	10	1.83	4.6	10	5.55 No	1.83	Thermal Discharging
UPPO64	120	'43932738___/43932740'	10	10	10	1.83	10	10	5.55 No	1.83	Thermal Discharging
UPPO64	121	'43912276___/7109379_2'	10	10	10	1.83	1.6	10	5.55 No	1.6	Element Fault
UPPO64	122	'6519433___/6534500'	10	10	10	1.83	10	10	5.55 No	1.83	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
UPPO64	123	'9028209_/_9655859'		10	10	10	1.83	4.6	10	5.55 No	1.83 Thermal Discharging
UPPO64	124	'378113372_/_390648303'		10	10	10	1.83	10	10	5.55 No	1.83 Thermal Discharging
UPPO64	125	'43936192_/_43936194'		10	10	10	1.83	10	10	5.55 No	1.83 Thermal Discharging
UPPO64	126	'6519434_/_6519431_1'		10	10	10	1.83	1.5	10	5.55 No	1.5 Element Fault
UPPO64	127	'6529939_/_6529936_2'		10	10	10	1.83	10	10	5.55 No	1.83 Thermal Discharging
UPPO64	128	'7762575_/_9028207'		10	10	10	1.83	4.6	10	5.55 No	1.83 Thermal Discharging
UPPO64	129	'43932712_/_6519431_2'		10	10	10	1.83	1.5	10	5.55 No	1.5 Element Fault
UPPO64	130	'7762576_/_7762573'		10	10	10	1.83	4.6	10	5.55 No	1.83 Thermal Discharging
UPPO64	131	'340802271_/_340802329_1'		10	10	10	1.83	1.5	10	5.55 No	1.5 Element Fault
UPPO64	132	'43911748_/_43912278'		10	10	10	1.83	1.6	10	5.55 No	1.6 Element Fault
UPPO64	133	'6403857_/_6403855_1'		10	10	10	1.83	0.9	10	5.55 No	0.9 Element Fault
UPPO64	134	'6403858_/_6403855_2'		10	10	10	1.83	0.9	10	5.55 No	0.9 Element Fault
UPPO64	135	'67918180_/_43932714'		10	10	10	1.83	1.5	10	5.55 No	1.5 Element Fault
UPPO64	136	'8398548_/_9340976'	8.9	10	10	10	1.83	4.6	10	5.55 No	1.83 Thermal Discharging
UPPO64	137	'6519454_/_67918177'	10	10	10	10	1.83	1.5	10	5.55 No	1.5 Element Fault
UPPO64	138	'8398549_/_8398546'	8.2	10	10	10	1.83	4.6	10	5.55 No	1.83 Thermal Discharging
UPPO64	139	'6403875_/_6403872'	9	10	10	10	1.83	0.9	10	5.55 No	0.9 Element Fault
UPPO64	140	'6519453_/_6519451'	10	10	10	10	1.83	1.5	10	5.55 No	1.5 Element Fault
UPPO64	141	'9655901_/_9655919'	7.7	10	10	10	1.83	4.6	10	5.55 No	1.83 Thermal Discharging
UPPO64	142	'6406762_/_6403923'	6.4	6.67	6.67	1.22	0.6	6.67	3.7 No	0.6 Element Fault	0.6 Element Fault
UPPO64	143	'6519416_/_6519521'	9.3	10	10	10	1.83	1.5	10	5.55 No	1.5 Element Fault
UPPO64	144	'8084013_/_9655899'	6.8	10	10	10	1.83	4.6	10	5.55 No	1.83 Thermal Discharging
UPPO64	145	'6403892_/_6403889'	7.3	10	10	10	1.83	0.9	10	5.55 No	0.9 Element Fault
UPPO64	146	'340802295_/_352624329'	7.5	10	10	10	1.83	1.5	10	5.55 No	1.5 Element Fault
UPPO64	147	'69395341_/_6519414'	8.2	10	10	10	1.83	1.5	10	5.55 No	1.5 Element Fault
UPPO64	148	'6519417_/_7766277_1'	8.2	10	10	10	1.83	0.9	10	5.55 No	0.9 Element Fault
UPPO64	149	'329551467_/_340802401'	7.2	10	10	10	1.83	1.5	10	5.55 No	1.5 Element Fault
UPPO64	150	'8084014_/_8084011'	6.3	10	10	10	1.83	4.6	10	5.55 No	1.83 Thermal Discharging
UPPO64	151	'340802307_/_340802420'	6.9	10	10	10	1.83	1.5	10	5.55 No	1.5 Element Fault
UPPO64	152	'7766280_/_7766277_2'	7.5	10	10	10	1.83	0.9	10	5.55 No	0.9 Element Fault
UPPO64	153	'8398528_/_8708386'	5.9	10	10	10	1.83	4.6	10	5.55 No	1.83 Thermal Discharging
UPPO64	154	'8087562_/_8087559'	6.7	10	10	10	1.83	0.9	10	5.55 No	0.9 Element Fault
UPPO64	155	'7762400_/_8398526'	5.4	10	10	10	1.83	4.6	10	5.55 No	1.83 Thermal Discharging
UPPO64	156	'69395379_/_7762397_2'	5.4	10	10	10	1.83	4.6	10	5.55 No	1.83 Thermal Discharging
UPPO64	157	'6428177_/_7762397_1'	5.3	10	10	10	1.83	4.6	10	5.55 No	1.83 Thermal Discharging
UPPO64	158	'69395393_/_69395390'	5.3	10	10	10	1.83	4.6	10	5.55 No	1.83 Thermal Discharging
UPPO64	159	'7449101_/_7762417_1'	5.2	10	10	10	1.83	4.6	10	5.55 No	1.83 Thermal Discharging
UPPO64	160	'6428143_/_6428157'	5.2	10	10	10	1.83	4.6	10	5.55 No	1.83 Thermal Discharging
UPPO64	161	'6428126_/_6428140_1'	5.2	10	10	10	1.83	1.5	10	5.55 No	1.5 Element Fault
UPPO64	162	'43916337_/_6428140_2'	5.1	10	10	10	1.83	1.5	10	5.55 No	1.5 Element Fault
UPPO64	163	'7762420_/_7762417_2'	5.1	10	10	10	1.83	4.6	10	5.55 No	1.83 Thermal Discharging
UPPO64	164	'43916350_/_43916352'	5	10	10	10	1.83	1.5	10	5.55 No	1.5 Element Fault
UPPO64	165	'6429650_/_6429668'	5	10	10	10	1.83	1.5	10	5.55 No	1.5 Element Fault
UPPO64	166	'340802536_/_340802444'	5.3	10	10	10	1.83	1.5	10	5.55 No	1.5 Element Fault
UPPO64	167	'51360035_/_9028227'	4.7	10	10	10	1.83	4.6	10	5.55 No	1.83 Thermal Discharging
UPPO64	168	'578461979_/_51360033_1'	4.6	10	10	10	1.83	1.5	10	5.55 No	1.5 Element Fault
UPPO64	169	'70252399_/_51360033_2'	4.6	10	10	10	1.83	1.5	10	5.55 No	1.5 Element Fault
UPPO64	170	'340802546_/_340802468'	4.8	10	10	10	1.83	1.5	10	5.55 No	1.5 Element Fault
UPPO64	171	'53463185_/_53463176'	4.5	10	10	10	1.83	1.1	10	5.55 No	1.1 Element Fault
UPPO64	172	'53463285_/_53463282'	4.5	10	10	10	1.83	1.1	10	5.55 No	1.1 Element Fault
UPPO64	173	'578461951_/_578461843_1'	4.5	10	10	10	1.83	1.1	10	5.55 No	1.1 Element Fault
UPPO64	174	'401990915_/_401989880'	4.7	10	10	10	1.83	1.5	10	5.55 No	1.5 Element Fault
UPPO64	175	'401990570_/_401990584'	4.7	10	10	10	1.83	1.5	10	5.55 No	1.5 Element Fault
UPPO64	176	'401990909_/_401990576'	1.57	3.33	3.33	0.61	0.5	3.33	1.85 No	0.5 Element Fault	0.5 Element Fault
UPPO64	177	'401990903_/_401990568'	4.7	10	10	10	1.83	1.5	10	5.55 No	1.5 Element Fault
UPPO64	178	'401990921_/_401990592'	4.7	10	10	10	1.83	1.5	10	5.55 No	1.5 Element Fault
UPPO64	179	'578461839_/_578461843_2'	4.4	10	10	10	1.83	1.1	10	5.55 No	1.1 Element Fault
UPPO64	180	'6427777_/_51360140'	4.3	10	10	10	1.83	1.1	10	5.55 No	1.1 Element Fault
UPPO64	181	'401989912_/_401991017'	4.6	10	10	10	1.83	1.5	10	5.55 No	1.5 Element Fault
UPPO64	182	'329551757_/_401989931'	1.57	3.33	3.33	0.61	0.5	3.33	1.85 No	0.5 Element Fault	0.5 Element Fault
UPPO64	183	'578461789_/_578461872'	4.2	10	10	10	1.83	1.1	10	5.55 No	1.1 Element Fault
UPPO64	184	'51360052_/_578461815'	4	10	10	10	1.83	1.1	10	5.55 No	1.1 Element Fault
UPPO64	185	'7449377_/_8083991'	3.8	10	10	10	1.83	1.1	10	5.55 No	1.1 Element Fault
UPPO64	186	'7449376_/_7449374'	3.7	10	10	10	1.83	1.1	10	5.55 No	1.1 Element Fault
UPPO64	187	'8083974_/_9655879'	3.7	10	10	10	1.83	1.1	10	5.55 No	1.1 Element Fault
UPPO64	188	'8083973_/_8083971'	3.7	10	10	10	1.83	1.1	10	5.55 No	1.1 Element Fault
UPPO64	189	'9028170_/_9340956'	3.6	10	10	10	1.83	1.1	10	5.55 No	1.1 Element Fault
UPPO64	190	'9028169_/_9028167'	3.6	10	10	10	1.83	1.1	10	5.55 No	1.1 Element Fault
UPPO64	191	'7762836_/_9028567'	3.6	10	10	10	1.83	1.1	10	5.55 No	1.1 Element Fault
UPPO64	192	'7449751_/_7762833'	3.5	10	10	10	1.83	1.1	10	5.55 No	1.1 Element Fault
UPPO64	193	'7449396_/_7449748'	3.5	10	10	10	1.83	1.1	10	5.55 No	1.1 Element Fault
UPPO64	194	'7449316_/_7449394'	3.3	10	10	10	1.83	1.1	10	5.55 No	1.1 Element Fault
UPPO64	195	'70878251_/_7449314_1'	3.3	10	10	10	1.83	4.5	10	5.55 No	1.83 Thermal Discharging
UPPO65	0	'UPPO65_/_9360398'	10	10	10	10	0.79	10	10	10 No	0.79 Thermal Discharging
UPPO65	1	'9046216_/_9360398'	10	10	10	10	0.79	10	10	9.05 No	0.79 Thermal Discharging
UPPO65	2	'8101224_/_9046213'	10	10	10	10	0.79	10	10	9.05 No	0.79 Thermal Discharging
UPPO65	3	'58111094_/_8101222'	10	10	10	10	0.79	10	10	9.05 No	0.79 Thermal Discharging
UPPO65	4	'58110906_/_7465565'	10	10	10	10	0.79	10	10	9.05 No	0.79 Thermal Discharging
UPPO65	5	'58110914_/_8101202'	10	10	10	10	0.79	10	10	9.05 No	0.79 Thermal Discharging
UPPO65	6	'58110972_/_9046253'	10	10	10	10	0.79	10	10	9.05 No	0.79 Thermal Discharging
UPPO65	7	'468553185_/_468553190'	10	10	10	10	0.79	10	10	9.05 No	0.79 Thermal Discharging
UPPO65	8	'9056858_/_468553233'	10	10	10	10	0.79	10	10	9.05 No	0.79 Thermal Discharging
UPPO65	9	'8728333_/_9056855'	10	10	10	10	0.79	10	10	9.05 No	0.79 Thermal Discharging
UPPO65	10	'7464756_/_8728330'	10	10	10	10	0.79	10	10	9.05 No	0.79 Thermal Discharging
UPPO65	11	'120404705_/_7464753'	10	10	10	10	0.79	10	10	9.05 No	0.79 Thermal Discharging
UPPO65	12	'347195511_/_347195570'	10	10	10	10	0.79	10	10	9.05 No	0.79 Thermal Discharging
UPPO65	13	'347195505_/_347195509'	10	10	10	10	0.79	10	10	9.05 No	0.79 Thermal Discharging
UPPO65	14	'468553046_/_347191249'	10	10	10	10	0.79	10	10	9.05 No	0.79 Thermal Discharging
UPPO65	15	'347191241_/_468553105'	10	10	10	10	0.79	10	10	9.05 No	0.79 Thermal Discharging
UPPO65	16	'359324877_/_347191147'	10	10	10	10	0.79	10	10	9.05 No	0.79 Thermal Discharging
UPPO65	17	'8708720_/_359324897'	10	10	10	10	0.79	10	10	9.05 No	0.79 Thermal Discharging
UPPO65	18	'7449730_/_8708718'	10	10	10	10	0.79	10	10	9.05 No	0.79 Thermal Discharging
UPPO65	19	'7449731_/_7449728'	10	10	10	10	0.79	10	10	9.05 No	0.79 Thermal Discharging
UPPO65	20	'8084449_/_9028607'	10	10	10	10	0.79	10	10	9.05 No	0.79 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
UPPO65	21	'8084450_/_8084447'	10	10	10	0.79	10	10	9.05 No	0.79	Thermal Discharging
UPPO65	22	'9341335_/_9341332'	10	10	10	0.79	10	10	9.05 No	0.79	Thermal Discharging
UPPO65	23	'7449356_/_9341352'	10	10	10	0.79	10	10	9.05 No	0.79	Thermal Discharging
UPPO65	24	'9028629_/_9028627'	10	10	10	0.79	10	10	9.05 No	0.79	Thermal Discharging
UPPO65	25	'9341375_/_9341372'	10	10	10	0.79	10	10	9.05 No	0.79	Thermal Discharging
UPPO65	26	'609485665_/_609485626_1'	10	10	10	0.79	1.1	10	9.05 No	0.79	Thermal Discharging
UPPO65	27	'609485637_/_609485626_2'	10	10	10	0.79	1.1	10	9.05 No	0.79	Thermal Discharging
UPPO65	28	'7449770_/_9341412'	10	10	10	0.79	10	10	9.05 No	0.79	Thermal Discharging
UPPO65	29	'330411835_/_7449768'	10	10	10	0.79	10	10	9.05 No	0.79	Thermal Discharging
UPPO65	30	'7449121_/_609485575'	10	10	10	0.79	1.1	10	9.05 No	0.79	Thermal Discharging
UPPO65	31	'332643169_/_500246760'	10	10	10	0.79	10	10	9.05 No	0.79	Thermal Discharging
UPPO65	32	'560775487_/_560775491'	10	10	10	0.79	1.1	10	9.05 No	0.79	Thermal Discharging
UPPO65	33	'560775508_/_560775512'	10	10	10	0.79	1.1	10	9.05 No	0.79	Thermal Discharging
UPPO65	34	'560775529_/_560775533'	10	10	10	0.79	1.1	10	9.05 No	0.79	Thermal Discharging
UPPO65	35	'560775550_/_560775554'	10	10	10	0.79	1.1	10	9.05 No	0.79	Thermal Discharging
UPPO65	36	'8084194_/_560775468'	10	10	10	0.79	1.1	10	9.05 No	0.79	Thermal Discharging
UPPO65	37	'330411709_/_332643102'	10	10	10	0.79	10	10	9.05 No	0.79	Thermal Discharging
UPPO65	38	'428216255_/_609485438'	10	10	10	0.79	1.1	10	9.05 No	0.79	Thermal Discharging
UPPO65	39	'330411778_/_330411780'	10	10	10	0.79	10	10	9.05 No	0.79	Thermal Discharging
UPPO65	40	'340802878_/_330411724'	10	10	10	0.79	10	10	9.05 No	0.79	Thermal Discharging
UPPO65	41	'340802871_/_340802876'	10	10	10	0.79	10	10	9.05 No	0.79	Thermal Discharging
UPPO65	42	'340802870_/_340802868'	10	10	10	0.79	10	10	9.05 No	0.79	Thermal Discharging
UPPO65	43	'340802886_/_340802884'	10	10	10	0.79	10	10	9.05 No	0.79	Thermal Discharging
UPPO65	44	'340802894_/_340802892'	10	10	10	0.79	10	10	9.05 No	0.79	Thermal Discharging
UPPO65	45	'491426712_/_599764721'	10	10	10	0.79	10	10	9.05 No	0.79	Thermal Discharging
UPPO65	46	'640006871_/_640006876'	10	10	10	0.79	10	10	9.05 No	0.79	Thermal Discharging
UPPO65	47	'330411536_/_330411604'	10	10	10	0.79	10	10	9.05 No	0.79	Thermal Discharging
UPPO65	48	'640006732_/_332643193'	10	10	10	0.79	10	10	9.05 No	0.79	Thermal Discharging
UPPO65	49	'9032894_/_640006737'	10	10	10	0.79	10	10	9.05 No	0.79	Thermal Discharging
UPPO65	50	'7761971_/_330411558'	10	10	10	0.79	10	10	9.05 No	0.79	Thermal Discharging
UPPO65	51	'7761972_/_7761969'	10	10	10	0.79	10	10	9.05 No	0.79	Thermal Discharging
UPPO65	52	'118898890_/_122946575'	10	10	10	0.79	10	10	9.05 No	0.79	Thermal Discharging
UPPO65	53	'122946005_/_122946022'	10	10	10	0.79	10	10	9.05 No	0.79	Thermal Discharging
UPPO65	54	'118898885_/_122946015'	10	10	10	0.79	10	10	9.05 No	0.79	Thermal Discharging
UPPO65	55	'120921985_/_122946008'	10	10	10	0.79	10	10	9.05 No	0.79	Thermal Discharging
UPPO65	56	'118898875_/_122946001'	10	10	10	0.79	4.5	10	9.05 No	0.79	Thermal Discharging
UPPO65	57	'122946308_/_122946513'	10	10	10	0.79	10	10	9.05 No	0.79	Thermal Discharging
UPPO65	58	'362405105_/_122946707'	10	10	10	0.79	10	10	9.05 No	0.79	Thermal Discharging
UPPO65	59	'7761992_/_7761989'	10	10	10	0.79	7.8	10	9.05 No	0.79	Thermal Discharging
UPPO65	60	'362405155_/_362405313'	10	10	10	0.79	10	10	9.05 No	0.79	Thermal Discharging
UPPO65	61	'418107644_/_362405161'	10	10	10	0.79	10	10	9.05 No	0.79	Thermal Discharging
UPPO65	62	'420253291_/_420253289'	10	10	10	0.79	10	10	9.05 No	0.79	Thermal Discharging
UPPO65	63	'37972375_/_9654793'	10	10	10	0.79	7.8	10	9.05 No	0.79	Thermal Discharging
UPPO65	64	'405327608_/_37972379'	10	10	10	0.79	7.8	10	9.05 No	0.79	Thermal Discharging
UPPO65	65	'429709979_/_429709989'	10	10	10	0.79	7.8	10	9.05 No	0.79	Thermal Discharging
UPPO65	66	'434407217_/_434407214'	10	10	10	0.79	10	10	9.05 No	0.79	Thermal Discharging
UPPO65	67	'434407253_/_434407250'	10	10	10	0.79	7.8	10	9.05 No	0.79	Thermal Discharging
UPPO66	0	'UPPO66_/_9360258'	10	10	10	1.35	10	10	10 No	1.35	Thermal Discharging
UPPO66	1	'7778963_/_9360258'	10	10	10	1.35	10	10	4.65 No	1.35	Thermal Discharging
UPPO66	2	'58112247_/_7778961'	10	10	10	1.35	10	10	4.65 No	1.35	Thermal Discharging
UPPO66	3	'58112302_/_9360614'	10	10	10	1.35	10	10	4.65 No	1.35	Thermal Discharging
UPPO66	4	'58112281_/_58112299'	10	10	10	1.35	10	10	4.65 No	1.35	Thermal Discharging
UPPO66	5	'58112325_/_58112322'	10	10	10	1.35	10	10	4.65 No	1.35	Thermal Discharging
UPPO66	6	'58112356_/_58112353'	10	10	10	1.35	10	10	4.65 No	1.35	Thermal Discharging
UPPO66	7	'58112616_/_8085115'	10	10	10	1.35	10	10	4.65 No	1.35	Thermal Discharging
UPPO66	8	'58112591_/_58112613'	10	10	10	1.35	10	10	4.65 No	1.35	Thermal Discharging
UPPO66	9	'58112566_/_58112588'	10	10	10	1.35	10	10	4.65 No	1.35	Thermal Discharging
UPPO66	10	'58112543_/_58112563'	10	10	10	1.35	10	10	4.65 No	1.35	Thermal Discharging
UPPO66	11	'58112480_/_58112540'	10	10	10	1.35	10	10	4.65 No	1.35	Thermal Discharging
UPPO66	12	'58112423_/_58112477'	10	10	10	1.35	10	10	4.65 No	1.35	Thermal Discharging
UPPO66	13	'58112217_/_58112420'	10	10	10	1.35	10	10	4.65 No	1.35	Thermal Discharging
UPPO66	14	'9342263_/_9342300'	10	10	10	1.35	10	10	4.65 No	1.35	Thermal Discharging
UPPO66	15	'7763840_/_9342260'	10	10	10	1.35	10	10	4.65 No	1.35	Thermal Discharging
UPPO66	16	'7763156_/_7763837'	10	10	10	1.35	10	10	4.65 No	1.35	Thermal Discharging
UPPO66	17	'7763155_/_7763153'	10	10	10	1.35	10	10	4.65 No	1.35	Thermal Discharging
UPPO66	18	'211981531_/_9341612'	10	10	10	1.35	10	10	4.65 No	1.35	Thermal Discharging
UPPO66	19	'143675392_/_211982077'	10	10	10	1.35	10	10	4.65 No	1.35	Thermal Discharging
UPPO66	20	'393054325_/_143675408'	10	10	10	1.35	10	10	4.65 No	1.35	Thermal Discharging
UPPO66	21	'393054387_/_393054490'	10	10	10	1.35	10	10	4.65 No	1.35	Thermal Discharging
UPPO66	22	'393054380_/_393054385'	10	10	10	1.35	10	10	4.65 No	1.35	Thermal Discharging
UPPO66	23	'393054403_/_393054401'	10	10	10	1.35	4.5	10	4.65 No	1.35	Thermal Discharging
UPPO66	24	'393054395_/_393054393'	10	10	10	1.35	4.5	10	4.65 No	1.35	Thermal Discharging
UPPO66	25	'393054379_/_393054377'	10	10	10	1.35	10	10	4.65 No	1.35	Thermal Discharging
UPPO66	26	'393054667_/_393054635'	10	10	10	1.35	4.5	10	4.65 No	1.35	Thermal Discharging
UPPO66	27	'393054535_/_393054583'	10	10	10	1.35	10	10	4.65 No	1.35	Thermal Discharging
UPPO66	28	'393054629_/_393054671'	10	10	10	1.35	4.5	10	4.65 No	1.35	Thermal Discharging
UPPO66	29	'9341495_/_393054541'	10	10	10	1.35	10	10	4.65 No	1.35	Thermal Discharging
UPPO66	30	'9341475_/_9341492'	10	10	10	1.35	10	10	4.65 No	1.35	Thermal Discharging
UPPO66	31	'7449811_/_9341472'	10	10	10	1.35	10	10	4.65 No	1.35	Thermal Discharging
UPPO66	32	'7449810_/_7449808'	10	10	10	1.35	10	10	4.65 No	1.35	Thermal Discharging
UPPO66	33	'7763095_/_7763093'	10	10	10	1.35	10	10	4.65 No	1.35	Thermal Discharging
UPPO66	34	'9341255_/_9341272'	10	10	10	1.35	10	10	4.65 No	1.35	Thermal Discharging
UPPO66	35	'8084330_/_9341252'	10	10	10	1.35	10	10	4.65 No	1.35	Thermal Discharging
UPPO66	36	'8084329_/_8084327'	10	10	10	1.35	10	10	4.65 No	1.35	Thermal Discharging
UPPO66	37	'9341944_/_9341942'	10	10	10	1.35	10	10	4.65 No	1.35	Thermal Discharging
UPPO66	38	'7763995_/_9657053'	10	10	10	1.35	10	10	4.65 No	1.35	Thermal Discharging
UPPO66	39	'7763996_/_7763993'	10	10	10	1.35	10	10	4.65 No	1.35	Thermal Discharging
UPPO66	40	'8084861_/_9342340'	10	10	10	1.35	10	10	4.65 No	1.35	Thermal Discharging
UPPO66	41	'7763559_/_8084859'	10	10	10	1.35	10	10	4.65 No	1.35	Thermal Discharging
UPPO66	42	'7450321_/_7763557'	10	10	10	1.35	10	10	4.65 No	1.35	Thermal Discharging
UPPO66	43	'7450063_/_7450318'	10	10	10	1.35	10	10	4.65 No	1.35	Thermal Discharging
UPPO66	44	'7450062_/_7450060'	10	10	10	1.35	10	10	4.65 No	1.35	Thermal Discharging
UPPO66	45	'8710525_/_8710522'	10	10	10	1.35	10	10	4.65 No	1.35	Thermal Discharging
UPPO66	46	'7763499_/_9341862'	10	10	10	1.35	10	10	4.65 No	1.35	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
UPPO66	47	'7763479_/_7763497'		10	10	1.35	10	10	4.65 No	1.35	Thermal Discharging
UPPO66	48	'7450182_/_7763477'		10	10	1.35	10	10	4.65 No	1.35	Thermal Discharging
UPPO66	49	'7450102_/_7450180'		10	10	1.35	10	10	4.65 No	1.35	Thermal Discharging
UPPO66	50	'7450103_/_7450100'		10	10	1.35	10	10	4.65 No	1.35	Thermal Discharging
UPPO66	51	'8399408_/_8710502'		10	10	1.35	10	10	4.65 No	1.35	Thermal Discharging
UPPO66	52	'8084841_/_8399406'		10	10	1.35	10	10	4.65 No	1.35	Thermal Discharging
UPPO66	53	'8084781_/_8084839'		10	10	1.35	10	10	4.65 No	1.35	Thermal Discharging
UPPO66	54	'8084782_/_8084779'		10	10	1.35	10	10	4.65 No	1.35	Thermal Discharging
UPPO66	55	'8084802_/_8399446'		10	10	1.35	10	10	4.65 No	1.35	Thermal Discharging
UPPO66	56	'7450123_/_8084799'		10	10	1.35	10	10	4.65 No	1.35	Thermal Discharging
UPPO66	57	'7450122_/_7450120'		10	10	1.35	10	10	4.65 No	1.35	Thermal Discharging
UPPO66	58	'9343557_/_9684278'		10	10	1.35	10	10	4.65 No	1.35	Thermal Discharging
UPPO66	59	'9343496_/_9343554'		10	10	1.35	10	10	4.65 No	1.35	Thermal Discharging
UPPO66	60	'8086249_/_9343494'		10	10	1.35	10	10	4.65 No	1.35	Thermal Discharging
UPPO66	61	'8086250_/_8086247'		10	10	1.35	10	10	4.65 No	1.35	Thermal Discharging
UPPO66	62	'7451846_/_9658456'		10	10	1.35	10	10	4.65 No	1.35	Thermal Discharging
UPPO66	63	'7451847_/_7451844'		10	10	1.35	10	10	4.65 No	1.35	Thermal Discharging
UPPO66	64	'8401168_/_9030607'		10	10	1.35	10	10	4.65 No	1.35	Thermal Discharging
UPPO66	65	'8401169_/_8401166'		10	10	1.35	10	10	4.65 No	1.35	Thermal Discharging
UPPO66	66	'7451610_/_9343294'		10	10	1.35	10	10	4.65 No	1.35	Thermal Discharging
UPPO66	67	'7451611_/_7451608'		10	10	1.35	10	10	4.65 No	1.35	Thermal Discharging
UPPO66	68	'8085998_/_8085995'		10	10	1.35	10	10	4.65 No	1.35	Thermal Discharging
UPPO66	69	'7765043_/_8086015'		10	10	1.35	10	10	4.65 No	1.35	Thermal Discharging
UPPO66	70	'7765044_/_7765041'		10	10	1.35	10	10	4.65 No	1.35	Thermal Discharging
UPPO66	71	'7451650_/_8711858'		10	10	1.35	10	10	4.65 No	1.35	Thermal Discharging
UPPO66	72	'7451651_/_7451648'		10	10	1.35	10	10	4.65 No	1.35	Thermal Discharging
UPPO66	73	'7451671_/_7451668'		10	10	1.35	10	10	4.65 No	1.35	Thermal Discharging
UPPO66	74	'7765003_/_9658240'		10	10	1.35	10	10	4.65 No	1.35	Thermal Discharging
UPPO66	75	'7765004_/_7765001'		10	10	1.35	10	10	4.65 No	1.35	Thermal Discharging
UPPO66	76	'8086153_/_8711922'		10	10	1.35	10	10	4.65 No	1.35	Thermal Discharging
UPPO66	77	'7451807_/_8086151'		10	10	1.35	10	10	4.65 No	1.35	Thermal Discharging
UPPO66	78	'450840702_/_7451804_1'		10	10	1.35	10	10	4.65 No	1.35	Thermal Discharging
UPPO66	79	'56892707_/_7451804_2'		10	10	1.35	10	10	4.65 No	1.35	Thermal Discharging
UPPO66	80	'6476297_/_6476294_2'		10	10	1.35	10	10	4.65 No	1.35	Thermal Discharging
UPPO66	81	'43922347_/_6476314'		10	10	1.35	10	10	4.65 No	1.35	Thermal Discharging
UPPO66	82	'6474062_/_6476294_1'		10	10	1.35	10	10	4.65 No	1.35	Thermal Discharging
UPPO66	83	'451589681_/_451591067'		10	10	1.35	10	10	4.65 No	1.35	Thermal Discharging
UPPO66	84	'451589691_/_451591087'		10	10	1.35	10	10	4.65 No	1.35	Thermal Discharging
UPPO66	85	'63862355_/_63862360'		10	10	1.35	10	10	4.65 No	1.35	Thermal Discharging
UPPO66	86	'6475132_/_451591113'		10	10	1.35	10	10	4.65 No	1.35	Thermal Discharging
UPPO66	87	'89371201_/_63862325'		10	10	1.35	10	10	4.65 No	1.35	Thermal Discharging
UPPO66	88	'640533988_/_640533882'		10	10	1.35	10	10	4.65 No	1.35	Thermal Discharging
UPPO66	89	'92432675_/_70702534_1'		10	10	1.35	1.4	10	4.65 No	1.35	Thermal Discharging
UPPO66	90	'6473907_/_640533994'		10	10	1.35	10	10	4.65 No	1.35	Thermal Discharging
UPPO66	91	'63862285_/_63862290'		10	10	1.35	10	10	4.65 No	1.35	Thermal Discharging
UPPO66	92	'412850834_/_70702534_2'		10	10	1.35	1.4	10	4.65 No	1.35	Thermal Discharging
UPPO66	93	'640534455_/_640534193_1'	3.33	3.33	3.33	0.45	0.5	3.33	1.55 No	0.45	Thermal Discharging
UPPO66	94	'63862222_/_63862255'		10	10	1.35	10	10	4.65 No	1.35	Thermal Discharging
UPPO66	95	'6473906_/_6473904_1'		10	10	1.35	1.5	10	4.65 No	1.35	Thermal Discharging
UPPO66	96	'43922530_/_43922519'		10	10	1.35	10	10	4.65 No	1.35	Thermal Discharging
UPPO66	97	'6475714_/_63862220'		10	10	1.35	10	10	4.65 No	1.35	Thermal Discharging
UPPO66	98	'43922360_/_6475041'		10	10	1.35	10	10	4.65 No	1.35	Thermal Discharging
UPPO66	99	'6475183_/_43922532'		10	10	1.35	10	10	4.65 No	1.35	Thermal Discharging
UPPO66	100	'574156223_/_6475197_1'		10	10	1.35	10	10	4.65 No	1.35	Thermal Discharging
UPPO66	101	'6475200_/_6475197_2'		10	10	1.35	10	10	4.65 No	1.35	Thermal Discharging
UPPO66	102	'6473919_/_6473904_2'		10	10	1.35	1.5	10	4.65 No	1.35	Thermal Discharging
UPPO66	103	'6475691_/_6475689_1'		10	10	1.35	1.5	10	4.65 No	1.35	Thermal Discharging
UPPO66	104	'6475217_/_6475214'		10	10	1.35	10	10	4.65 No	1.35	Thermal Discharging
UPPO66	105	'7451750_/_8401098_1'		10	10	1.35	0.9	10	4.65 No	0.9	Element Fault
UPPO66	106	'6475769_/_6475766'		10	10	1.35	10	10	4.65 No	1.35	Thermal Discharging
UPPO66	107	'6475234_/_6475231'		10	10	1.35	10	10	4.65 No	1.35	Thermal Discharging
UPPO66	108	'6473920_/_6473917'	3.33	3.33	3.33	0.45	0.5	3.33	1.55 No	0.45	Thermal Discharging
UPPO66	109	'412850927_/_412850941'		10	10	1.35	1.4	10	4.65 No	1.35	Thermal Discharging
UPPO66	110	'6479181_/_6479178'		10	10	1.35	10	10	4.65 No	1.35	Thermal Discharging
UPPO66	111	'121602820_/_121602831'		10	10	1.35	10	10	4.65 No	1.35	Thermal Discharging
UPPO66	112	'6475027_/_6475288'		10	10	1.35	10	10	4.65 No	1.35	Thermal Discharging
UPPO66	113	'640533918_/_640534193_2'	3.33	3.33	3.33	0.45	0.5	3.33	1.55 No	0.45	Thermal Discharging
UPPO66	114	'6479198_/_6479195'		10	10	1.35	10	10	4.65 No	1.35	Thermal Discharging
UPPO66	115	'400799894_/_6479212'		10	10	1.35	10	10	4.65 No	1.35	Thermal Discharging
UPPO66	116	'43924332_/_6475783'		10	10	1.35	10	10	4.65 No	1.35	Thermal Discharging
UPPO66	117	'6475538_/_6475535'	3.33	3.33	3.33	0.45	0.5	3.33	1.55 No	0.45	Thermal Discharging
UPPO66	118	'43922373_/_6475024'		10	10	1.35	10	10	4.65 No	1.35	Thermal Discharging
UPPO66	119	'43922543_/_6479229'		10	10	1.35	7	10	4.65 No	1.35	Thermal Discharging
UPPO66	120	'726158877_/_726158953'		10	10	1.35	10	10	4.65 No	1.35	Thermal Discharging
UPPO66	121	'70702523_/_412850978'		10	10	1.35	1.4	10	4.65 No	1.35	Thermal Discharging
UPPO66	122	'6473933_/_6473930'	3.33	3.33	3.33	0.45	0.5	3.33	1.55 No	0.45	Thermal Discharging
UPPO66	123	'6475692_/_6475689_2'		10	10	1.35	1.5	10	4.65 No	1.35	Thermal Discharging
UPPO66	124	'726158923_/_726158875_1'		10	10	1.35	1.4	10	4.65 No	1.35	Thermal Discharging
UPPO66	125	'8401101_/_8401098_2'		10	10	1.35	0.9	10	4.65 No	0.9	Element Fault
UPPO66	126	'726158859_/_726158875_2'		10	10	1.35	1.4	10	4.65 No	1.35	Thermal Discharging
UPPO66	127	'6475375_/_43922545'		10	10	1.35	7	10	4.65 No	1.35	Thermal Discharging
UPPO66	128	'92432705_/_412850898'	9.8	10	10	1.35	1.4	10	4.65 No	1.35	Thermal Discharging
UPPO66	129	'6474993_/_6475007'	9.5	10	10	1.35	10	10	4.65 No	1.35	Thermal Discharging
UPPO66	130	'6474001_/_6473998'	3.33	3.33	3.33	0.45	0.5	3.33	1.55 No	0.45	Thermal Discharging
UPPO66	131	'6475803_/_43924334'		10	10	1.35	10	10	4.65 No	1.35	Thermal Discharging
UPPO66	132	'6475376_/_6475373'		10	10	1.35	7	10	4.65 No	1.35	Thermal Discharging
UPPO66	133	'43922672_/_6475817'		10	10	1.35	10	10	4.65 No	1.35	Thermal Discharging
UPPO66	134	'6484495_/_6484510'		10	10	1.35	10	10	4.65 No	1.35	Thermal Discharging
UPPO66	135	'43922386_/_6474990'	8.7	10	10	1.35	10	10	4.65 No	1.35	Thermal Discharging
UPPO66	136	'6473414_/_6475548'	3.23	3.33	3.33	0.45	0.5	3.33	1.55 No	0.45	Thermal Discharging
UPPO66	137	'6475393_/_6475390'		10	10	1.35	7	10	4.65 No	1.35	Thermal Discharging
UPPO66	138	'43922729_/_6484527'		10	10	1.35	10	10	4.65 No	1.35	Thermal Discharging
UPPO66	139	'6474958_/_6474973'	8.3	10	10	1.35	10	10	4.65 No	1.35	Thermal Discharging
UPPO66	140	'43922625_/_6475729'	8.5	10	10	1.35	1.5	10	4.65 No	1.35	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
											VSR (MW)	Limiting Threshold
UPPO66	141	'6473946_/_6473943'		3.23		3.33	3.33	0.45	0.5	3.33	1.55 No	0.45 Thermal Discharging
UPPO66	142	'6475410_/_6475407'		10		10	10	1.35	7	10	4.65 No	1.35 Thermal Discharging
UPPO66	143	'6478975_/_43922731'		10		10	10	1.35	10	10	4.65 No	1.35 Thermal Discharging
UPPO66	144	'6474942_/_6474956'		8		10	10	1.35	10	10	4.65 No	1.35 Thermal Discharging
UPPO66	145	'6476018_/_6476015'		8		10	10	1.35	10	10	4.65 No	1.35 Thermal Discharging
UPPO66	146	'6484480_/_6484492'		6.13		6.67	6.67	0.9	2.1	6.67	3.1 No	0.9 Thermal Discharging
UPPO66	147	'6474925_/_6474939'		8		10	10	1.35	10	10	4.65 No	1.35 Thermal Discharging
UPPO66	148	'43922742_/_6478973'		10		10	10	1.35	10	10	4.65 No	1.35 Thermal Discharging
UPPO66	149	'6474908_/_6474922'		8		10	10	1.35	10	10	4.65 No	1.35 Thermal Discharging
UPPO66	150	'6477871_/_43922744_2'		10		10	10	1.35	10	10	4.65 No	1.35 Thermal Discharging
UPPO66	151	'43922755_/_43922744_2'		10		10	10	1.35	10	10	4.65 No	1.35 Thermal Discharging
UPPO66	152	'6475427_/_6475424'		10		10	10	1.35	7	10	4.65 No	1.35 Thermal Discharging
UPPO66	153	'43922768_/_43922757'		10		10	10	1.35	10	10	4.65 No	1.35 Thermal Discharging
UPPO66	154	'6464160_/_6474905'		8		10	10	1.35	10	10	4.65 No	1.35 Thermal Discharging
UPPO66	155	'6473576_/_43922627'		7.6		10	10	1.35	1.5	10	4.65 No	1.35 Thermal Discharging
UPPO66	156	'6474017_/_6474014'		2.93		3.33	3.33	0.45	0.5	3.33	1.55 No	0.45 Thermal Discharging
UPPO66	157	'6464143_/_6464157'		8		10	10	1.35	10	10	4.65 No	1.35 Thermal Discharging
UPPO66	158	'6477908_/_43922770'		10		10	10	1.35	10	10	4.65 No	1.35 Thermal Discharging
UPPO66	159	'43922484_/_6473412'		2.67		3.33	3.33	0.45	0.5	3.33	1.55 No	0.45 Thermal Discharging
UPPO66	160	'6477924_/_6477922'		10		10	10	1.35	10	10	4.65 No	1.35 Thermal Discharging
UPPO66	161	'8739183_/_8739180_1'		10		10	10	1.35	10	10	4.65 No	1.35 Thermal Discharging
UPPO66	162	'6478311_/_6478309'		10		10	10	1.35	2.3	10	4.65 No	1.35 Thermal Discharging
UPPO66	163	'6476333_/_6476331_1'		10		10	10	1.35	1.5	10	4.65 No	1.35 Thermal Discharging
UPPO66	164	'6474337_/_6475441'		9.5		10	10	1.35	7	10	4.65 No	1.35 Thermal Discharging
UPPO66	165	'6474338_/_6475837_1'		9.2		10	10	1.35	1.4	10	4.65 No	1.35 Thermal Discharging
UPPO66	166	'6473959_/_6473956'		2.67		3.33	3.33	0.45	0.5	3.33	1.55 No	0.45 Thermal Discharging
UPPO66	167	'6473577_/_6473574'		6.8		10	10	1.35	1.5	10	4.65 No	1.35 Thermal Discharging
UPPO66	168	'6474402_/_6475481'		8.9		10	10	1.35	6.8	10	4.65 No	1.35 Thermal Discharging
UPPO66	169	'726327024_/_8711942'		9.5		10	10	1.35	2.3	10	4.65 No	1.35 Thermal Discharging
UPPO66	170	'6474388_/_6474399_1'		2.97		3.33	3.33	0.45	0.5	3.33	1.55 No	0.45 Thermal Discharging
UPPO66	171	'726327101_/_726327138'		8.9		10	10	1.35	2.3	10	4.65 No	1.35 Thermal Discharging
UPPO66	172	'6474354_/_6475837_2'		7.9		10	10	1.35	1.4	10	4.65 No	1.35 Thermal Discharging
UPPO66	173	'6474389_/_6474399_2'		3		3.33	3.33	0.45	0.5	3.33	1.55 No	0.45 Thermal Discharging
UPPO66	174	'8086174_/_726327105'		8.6		10	10	1.35	2.3	10	4.65 No	1.35 Thermal Discharging
UPPO66	175	'6475463_/_6475461'		8.2		10	10	1.35	6.8	10	4.65 No	1.35 Thermal Discharging
UPPO66	176	'6476334_/_6476331_2'		8.2		10	10	1.35	1.5	10	4.65 No	1.35 Thermal Discharging
UPPO66	177	'43922649_/_6473972'		2.43		3.33	3.33	0.45	0.5	3.33	1.55 No	0.45 Thermal Discharging
UPPO66	178	'6473614_/_6473594'		6.3		10	10	1.35	1.5	10	4.65 No	1.35 Thermal Discharging
UPPO66	179	'6473441_/_43922486'		2.27		3.33	3.33	0.45	0.5	3.33	1.55 No	0.45 Thermal Discharging
UPPO66	180	'6474033_/_43922687'		2.4		3.33	3.33	0.45	0.5	3.33	1.55 No	0.45 Thermal Discharging
UPPO66	181	'6475940_/_6474399_3'		2.87		3.33	3.33	0.45	0.5	3.33	1.55 No	0.45 Thermal Discharging
UPPO66	182	'6474418_/_6474415_1'		3.07		3.33	3.33	0.12	1.1	3.33	1.55 No	0.12 Thermal Discharging
UPPO66	183	'6473709_/_6473722_1'		2.1		3.33	3.33	0.45	0.3	3.33	1.55 No	0.3 Element Fault
UPPO66	184	'6484962_/_6484992'		7.8		10	10	1.35	6.8	10	4.65 No	1.35 Thermal Discharging
UPPO66	185	'6474483_/_6474415_2'		2.9		3.33	3.33	0.12	1.1	3.33	1.55 No	0.12 Thermal Discharging
UPPO66	186	'6476442_/_6476439'		7.4		10	10	1.35	1.5	10	4.65 No	1.35 Thermal Discharging
UPPO66	187	'6474496_/_6474506_1'		2.87		3.33	3.33	0.12	0.1	3.33	1.55 No	0.1 Element Fault
UPPO66	188	'6474355_/_6474352'		6.8		10	10	1.35	1.4	10	4.65 No	1.35 Thermal Discharging
UPPO66	189	'6473725_/_6473722_2'		2.1		3.33	3.33	0.45	0.3	3.33	1.55 No	0.3 Element Fault
UPPO66	190	'6475500_/_6484959'		7.4		10	10	1.35	6.8	10	4.65 No	1.35 Thermal Discharging
UPPO66	191	'6474470_/_6474480'		2.73		3.33	3.33	0.12	1	3.33	1.55 No	0.12 Thermal Discharging
UPPO66	192	'43923391_/_6475959'		2.53		3.33	3.33	0.45	0.5	3.33	1.55 No	0.45 Thermal Discharging
UPPO66	193	'6473631_/_6473628'		5.7		10	10	1.35	1.5	10	4.65 No	1.35 Thermal Discharging
UPPO66	194	'6474509_/_6474506_2'		2.7		3.33	3.33	0.12	0.1	3.33	1.55 No	0.1 Element Fault
UPPO66	195	'43924262_/_43924264'		2.5		3.33	3.33	0.45	2.2	3.33	1.55 No	0.45 Thermal Discharging
UPPO66	196	'43922925_/_6476702'		7		10	10	1.35	1.5	10	4.65 No	1.35 Thermal Discharging
UPPO66	197	'6473454_/_6473451'		2.03		3.33	3.33	0.45	0.5	3.33	1.55 No	0.45 Thermal Discharging
UPPO66	198	'6475307_/_6475498'		7.2		10	10	1.35	6.8	10	4.65 No	1.35 Thermal Discharging
UPPO66	199	'6475517_/_6475984_2'		2.5		3.33	3.33	0.45	1.5	3.33	1.55 No	0.45 Thermal Discharging
UPPO66	200	'43923401_/_6475937'		2.47		3.33	3.33	0.45	0.5	3.33	1.55 No	0.45 Thermal Discharging
UPPO66	201	'6476350_/_9658356'		7		10	10	1.35	2.3	10	4.65 No	1.35 Thermal Discharging
UPPO66	202	'6476351_/_6476365_1'		7		10	10	1.35	1.5	10	4.65 No	1.35 Thermal Discharging
UPPO66	203	'6475308_/_6475305'		7		10	10	1.35	6.8	10	4.65 No	1.35 Thermal Discharging
UPPO66	204	'43922781_/_6476365_2'		6.6		10	10	1.35	1.5	10	4.65 No	1.35 Thermal Discharging
UPPO66	205	'6473564_/_6473561'		2.07		3.33	3.33	0.45	0.5	3.33	1.55 No	0.45 Thermal Discharging
UPPO66	206	'6474619_/_6474616'		2.5		3.33	3.33	0.12	1.1	3.33	1.55 No	0.12 Thermal Discharging
UPPO66	207	'448441879_/_8739180_2'		8.1		10	10	1.35	10	10	4.65 No	1.35 Thermal Discharging
UPPO66	208	'43923380_/_6474535'		2.5		3.33	3.33	0.12	0.1	3.33	1.55 No	0.1 Element Fault
UPPO66	209	'43923345_/_43923347'		2.43		3.33	3.33	0.12	1	3.33	1.55 No	0.12 Thermal Discharging
UPPO66	210	'43922901_/_6476722'		6.4		10	10	1.35	1.5	10	4.65 No	1.35 Thermal Discharging
UPPO66	211	'6475325_/_6475322'		6.8		10	10	1.35	6.8	10	4.65 No	1.35 Thermal Discharging
UPPO66	212	'6475907_/_6475984_1'		2.47		3.33	3.33	0.45	0.5	3.33	1.55 No	0.45 Thermal Discharging
UPPO66	213	'448441738_/_448441983'		8.1		10	10	1.35	10	10	4.65 No	1.35 Thermal Discharging
UPPO66	214	'448441739_/_448441736'		8.1		10	10	1.35	10	10	4.65 No	1.35 Thermal Discharging
UPPO66	215	'448441746_/_448441744'		8.1		10	10	1.35	10	10	4.65 No	1.35 Thermal Discharging
UPPO66	216	'448441762_/_448441760'		8.1		10	10	1.35	4.7	10	4.65 No	1.35 Thermal Discharging
UPPO66	217	'448441754_/_448441752'		8.1		10	10	1.35	4.5	10	4.65 No	1.35 Thermal Discharging
UPPO66	218	'45090873_/_6475970'		2.27		3.33	3.33	0.45	0.5	3.33	1.55 No	0.45 Thermal Discharging
UPPO66	219	'6474266_/_6474369'		5.9		10	10	1.35	1.4	10	4.65 No	1.35 Thermal Discharging
UPPO66	220	'448441933_/_448442011'		8.1		10	10	1.35	10	10	4.65 No	1.35 Thermal Discharging
UPPO66	221	'43922473_/_6473464'		1.9		3.33	3.33	0.45	0.5	3.33	1.55 No	0.45 Thermal Discharging
UPPO66	222	'6476465_/_6476462'		2.53		3.33	3.33	0.45	0.5	3.33	1.55 No	0.45 Thermal Discharging
UPPO66	223	'43922613_/_6473648'		5.1		10	10	1.35	1.5	10	4.65 No	1.35 Thermal Discharging
UPPO66	224	'6473738_/_6473735'		1.97		3.33	3.33	0.45	0.3	3.33	1.55 No	0.3 Element Fault
UPPO66	225	'6475342_/_6475339'		6.6		10	10	1.35	6.8	10	4.65 No	1.35 Thermal Discharging
UPPO66	226	'6476422_/_43922783'		6.2		10	10	1.35	1.5	10	4.65 No	1.35 Thermal Discharging
UPPO66	227	'8086194_/_448441849'		7.4		10	10	1.35	4.5	10	4.65 No	1.35 Thermal Discharging
UPPO66	228	'44793525_/_6479058'		1.83		3.33	3.33	0.45	0.5	3.33	1.55 No	0.45 Thermal Discharging
UPPO66	229	'6475885_/_6475904'		2.3		3.33	3.33	0.45	0.5	3.33	1.55 No	0.45 Thermal Discharging
UPPO66	230	'6474632_/_6474629'		2.3		3.33	3.33	0.12	1.1	3.33	1.55 No	0.12 Thermal Discharging
UPPO66	231	'6475918_/_6475926'		2.13		3.33	3.33	0.45	0.5	3.33	1.55 No	0.45 Thermal Discharging
UPPO66	232	'6474538_/_43923382'		2.33		3.33	3.33	0.12	0.1	3.33	1.55 No	0.1 Element Fault
UPPO66	233	'390698156_/_448442047'		7.3		10	10	1.35	4.7	10	4.65 No	1.35 Thermal Discharging
UPPO66	234	'390698042_/_390698153'		7.3		10	10	1.35	4.7	10	4.65 No	1.35 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
UPPO66	235	'390698148_/_390698145'		7.3	10	10	1.35	4.7	10	4.65 No	1.35 Thermal Discharging
UPPO66	236	'390698063_/_390698163'		7.3	10	10	1.35	4.7	10	4.65 No	1.35 Thermal Discharging
UPPO66	237	'390698176_/_390698173'		7.3	10	10	1.35	4.7	10	4.65 No	1.35 Thermal Discharging
UPPO66	238	'6476275_/_6476272'		2.27	3.33	3.33	0.45	0.5	3.33	1.55 No	0.45 Thermal Discharging
UPPO66	239	'7110056_/_8086191_1'		5.1	10	10	1.35	2.3	10	4.65 No	1.35 Thermal Discharging
UPPO66	240	'6475359_/_6475356'		6.4	10	10	1.35	6.8	10	4.65 No	1.35 Thermal Discharging
UPPO66	241	'6476405_/_6476419'		5.9	10	10	1.35	1.5	10	4.65 No	1.35 Thermal Discharging
UPPO66	242	'6476478_/_6476475'		2.33	3.33	3.33	0.45	0.5	3.33	1.55 No	0.45 Thermal Discharging
UPPO66	243	'446311069_/_446310611_2'		7.1	10	10	1.35	4.7	10	4.65 No	1.35 Thermal Discharging
UPPO66	244	'6475617_/_6475614'		1.87	3.33	3.33	0.45	0.5	3.33	1.55 No	0.45 Thermal Discharging
UPPO66	245	'557017207_/_9658376_1'		5.9	10	10	1.35	0.9	10	4.65 No	0.9 Element Fault
UPPO66	246	'446310591_/_446310611_1'		7	10	10	1.35	2.4	10	4.65 No	1.35 Thermal Discharging
UPPO66	247	'6474444_/_6474454'		2.2	3.33	3.33	0.12	1	3.33	1.55 No	0.12 Thermal Discharging
UPPO66	248	'444081611_/_448441939'		7.5	10	10	1.35	10	10	4.65 No	1.35 Thermal Discharging
UPPO66	249	'405113187_/_37976530'		7.5	10	10	1.35	10	10	4.65 No	1.35 Thermal Discharging
UPPO66	250	'444081769_/_37976572'		7.5	10	10	1.35	10	10	4.65 No	1.35 Thermal Discharging
UPPO66	251	'444081745_/_37976544'		7.5	10	10	1.35	10	10	4.65 No	1.35 Thermal Discharging
UPPO66	252	'444081759_/_37976558'		7.5	10	10	1.35	10	10	4.65 No	1.35 Thermal Discharging
UPPO66	253	'6452862_/_7109895'		6.2	10	10	1.35	6.8	10	4.65 No	1.35 Thermal Discharging
UPPO66	254	'446310113_/_444082054_1'		7.3	10	10	1.35	2.5	10	4.65 No	1.35 Thermal Discharging
UPPO66	255	'9658379_/_9658376_2'		5.7	10	10	1.35	0.9	10	4.65 No	0.9 Element Fault
UPPO66	256	'444082016_/_444082054_2'		7.3	10	10	1.35	2.5	10	4.65 No	1.35 Thermal Discharging
UPPO66	257	'43922089_/_6475882'		2.17	3.33	3.33	0.45	0.5	3.33	1.55 No	0.45 Thermal Discharging
UPPO66	258	'6518040_/_446310595'		6.7	10	10	1.35	2.4	10	4.65 No	1.35 Thermal Discharging
UPPO66	259	'6475917_/_6475915'		1.97	3.33	3.33	0.45	0.5	3.33	1.55 No	0.45 Thermal Discharging
UPPO66	260	'6474606_/_6474642'		2.13	3.33	3.33	0.12	1.1	3.33	1.55 No	0.12 Thermal Discharging
UPPO66	261	'6475630_/_6475627'		1.8	3.33	3.33	0.45	0.5	3.33	1.55 No	0.45 Thermal Discharging
UPPO66	262	'43920022_/_6452860'		6	10	10	1.35	6.8	10	4.65 No	1.35 Thermal Discharging
UPPO66	263	'43922794_/_43922796'		5.5	10	10	1.35	1.5	10	4.65 No	1.35 Thermal Discharging
UPPO66	264	'43923367_/_6474264'		5.1	10	10	1.35	1.4	10	4.65 No	1.35 Thermal Discharging
UPPO66	265	'6473751_/_6473748'		1.8	3.33	3.33	0.45	0.3	3.33	1.55 No	0.3 Element Fault
UPPO66	266	'6476286_/_6476283'		2.13	3.33	3.33	0.45	0.5	3.33	1.55 No	0.45 Thermal Discharging
UPPO66	267	'6518023_/_6518037'		6.4	10	10	1.35	2.4	10	4.65 No	1.35 Thermal Discharging
UPPO66	268	'6473671_/_43922615'		3.13	6.67	6.67	0.9	1	6.67	3.1 No	0.9 Thermal Discharging
UPPO66	269	'6474658_/_6474655'		2.07	3.33	3.33	0.12	1.1	3.33	1.55 No	0.12 Thermal Discharging
UPPO66	270	'6453057_/_43920024'		5.9	10	10	1.35	6.8	10	4.65 No	1.35 Thermal Discharging
UPPO66	271	'6476491_/_43922940'		2.1	3.33	3.33	0.45	0.5	3.33	1.55 No	0.45 Thermal Discharging
UPPO66	272	'6475874_/_6475893'		2.03	3.33	3.33	0.45	0.5	3.33	1.55 No	0.45 Thermal Discharging
UPPO66	273	'43931671_/_6518102'		6.1	10	10	1.35	2.4	10	4.65 No	1.35 Thermal Discharging
UPPO66	274	'6453074_/_6453071'		5.7	10	10	1.35	6.8	10	4.65 No	1.35 Thermal Discharging
UPPO66	275	'43923132_/_43923134'		6.1	10	10	1.35	2.4	10	4.65 No	1.35 Thermal Discharging
UPPO66	276	'6474431_/_6474441'		1.93	3.33	3.33	0.12	1	3.33	1.55 No	0.12 Thermal Discharging
UPPO66	277	'6507031_/_444082018'		6.3	10	10	1.35	2.5	10	4.65 No	1.35 Thermal Discharging
UPPO66	278	'6474284_/_43923369'		4.7	10	10	1.35	1.4	10	4.65 No	1.35 Thermal Discharging
UPPO66	279	'6518000_/_6518020'		5.9	10	10	1.35	2.4	10	4.65 No	1.35 Thermal Discharging
UPPO66	280	'6484647_/_43925156'		1.83	3.33	3.33	0.45	0.5	3.33	1.55 No	0.45 Thermal Discharging
UPPO66	281	'6476387_/_6476385'		5.1	10	10	1.35	1.5	10	4.65 No	1.35 Thermal Discharging
UPPO66	282	'7741023_/_7741021_1'		5.9	10	10	1.35	1	10	4.65 No	1 Element Fault
UPPO66	283	'43923334_/_43923336'		1.97	3.33	3.33	0.12	1	3.33	1.55 No	0.12 Thermal Discharging
UPPO66	284	'6506997_/_6507011'		6.2	10	10	1.35	2.5	10	4.65 No	1.35 Thermal Discharging
UPPO66	285	'6453091_/_6453088'		5.6	10	10	1.35	6.8	10	4.65 No	1.35 Thermal Discharging
UPPO66	286	'9346482_/_446310283'		6.3	10	10	1.35	5.3	10	4.65 No	1.35 Thermal Discharging
UPPO66	287	'43922807_/_6478346'		5.1	10	10	1.35	1.5	10	4.65 No	1.35 Thermal Discharging
UPPO66	288	'6473764_/_6473761'		1.67	3.33	3.33	0.45	0.3	3.33	1.55 No	0.3 Element Fault
UPPO66	289	'6473868_/_6473865'		1.67	3.33	3.33	0.45	0.3	3.33	1.55 No	0.3 Element Fault
UPPO66	290	'43922820_/_43922822'		5.1	10	10	1.35	1.5	10	4.65 No	1.35 Thermal Discharging
UPPO66	291	'43925232_/_43925234'		5.9	10	10	1.35	2.4	10	4.65 No	1.35 Thermal Discharging
UPPO66	292	'6478328_/_6478326'		5.1	10	10	1.35	1.5	10	4.65 No	1.35 Thermal Discharging
UPPO66	293	'6474075_/_6474072'		2.87	6.67	6.67	0.9	1	6.67	3.1 No	0.9 Thermal Discharging
UPPO66	294	'6453158_/_6453168_1'		1.9	3.33	3.33	0.45	0.4	3.33	1.55 No	0.4 Element Fault
UPPO66	295	'6453108_/_6453105'		5.5	10	10	1.35	6.8	10	4.65 No	1.35 Thermal Discharging
UPPO66	296	'53010048_/_51248903'		5.6	10	10	1.35	2.4	10	4.65 No	1.35 Thermal Discharging
UPPO66	297	'43931511_/_6513695'		5.9	10	10	1.35	2.5	10	4.65 No	1.35 Thermal Discharging
UPPO66	298	'43931660_/_6518057'		2.2	3.33	3.33	0.45	0.8	3.33	1.55 No	0.45 Thermal Discharging
UPPO66	299	'6506980_/_6506994'		5.9	10	10	1.35	2.5	10	4.65 No	1.35 Thermal Discharging
UPPO66	300	'6474671_/_6474668'		1.9	3.33	3.33	0.12	1.1	3.33	1.55 No	0.12 Thermal Discharging
UPPO66	301	'9346167_/_9659806_2'		5.9	10	10	1.35	2.5	10	4.65 No	1.35 Thermal Discharging
UPPO66	302	'446310368_/_6507045'		5.9	10	10	1.35	2.5	10	4.65 No	1.35 Thermal Discharging
UPPO66	303	'6475860_/_6475871'		1.9	3.33	3.33	0.45	0.5	3.33	1.55 No	0.45 Thermal Discharging
UPPO66	304	'6453124_/_6453181'		5.4	10	10	1.35	6.8	10	4.65 No	1.35 Thermal Discharging
UPPO66	305	'9346889_/_446310264'		5.9	10	10	1.35	5.3	10	4.65 No	1.35 Thermal Discharging
UPPO66	306	'446311038_/_446310505_1'		5.8	10	10	1.35	2.2	10	4.65 No	1.35 Thermal Discharging
UPPO66	307	'43931968_/_6512830'		5.5	10	10	1.35	2.4	10	4.65 No	1.35 Thermal Discharging
UPPO66	308	'43923356_/_6474428'		1.8	3.33	3.33	0.12	1	3.33	1.55 No	0.12 Thermal Discharging
UPPO66	309	'43932264_/_6506977'		5.7	10	10	1.35	2.5	10	4.65 No	1.35 Thermal Discharging
UPPO66	310	'6453171_/_6453168_2'		1.83	3.33	3.33	0.45	0.4	3.33	1.55 No	0.4 Element Fault
UPPO66	311	'6507048_/_446310370'		5.7	10	10	1.35	2.5	10	4.65 No	1.35 Thermal Discharging
UPPO66	312	'6517956_/_6517997'		5.4	10	10	1.35	2.4	10	4.65 No	1.35 Thermal Discharging
UPPO66	313	'6474567_/_6474590'		1.8	3.33	3.33	0.12	1	3.33	1.55 No	0.12 Thermal Discharging
UPPO66	314	'452058824_/_436456332_1'		5.6	10	10	1.35	0.6	10	4.65 No	0.6 Element Fault
UPPO66	315	'6473777_/_6473774'		1.57	3.33	3.33	0.45	0.3	3.33	1.55 No	0.3 Element Fault
UPPO66	316	'6452879_/_6453122'		5.3	10	10	1.35	6.8	10	4.65 No	1.35 Thermal Discharging
UPPO66	317	'9659808_/_9659806_1'		5.6	10	10	1.35	0.9	10	4.65 No	0.9 Element Fault
UPPO66	318	'6474301_/_6474298'		4.3	10	10	1.35	1.4	10	4.65 No	1.35 Thermal Discharging
UPPO66	319	'6474697_/_6474694'		1.83	3.33	3.33	0.12	1.1	3.33	1.55 No	0.12 Thermal Discharging
UPPO66	320	'43924585_/_43924587'		5.4	10	10	1.35	2.4	10	4.65 No	1.35 Thermal Discharging
UPPO66	321	'6473881_/_6473878'		1.57	3.33	3.33	0.45	0.3	3.33	1.55 No	0.3 Element Fault
UPPO66	322	'6474093_/_6474090'		2.73	6.67	6.67	0.9	1	6.67	3.1 No	0.9 Thermal Discharging
UPPO66	323	'6513698_/_43931513'		5.5	10	10	1.35	2.5	10	4.65 No	1.35 Thermal Discharging
UPPO66	324	'536685795_/_536685759'		5.5	10	10	1.35	2.5	10	4.65 No	1.35 Thermal Discharging
UPPO66	325	'6452833_/_6452877'		5.2	10	10	1.35	6.8	10	4.65 No	1.35 Thermal Discharging
UPPO66	326	'43931603_/_7110053'		5.2	10	10	1.35	2.4	10	4.65 No	1.35 Thermal Discharging
UPPO66	327	'536685899_/_536685836_1'		1.8	3.33	3.33	0.45	0.1	3.33	1.55 No	0.1 Element Fault
UPPO66	328	'6510735_/_6517979'		3.47	6.67	6.67	0.9	1.6	6.67	3.1 No	0.9 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Over-Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
UPPO66	329	'6475859_/_6475857'	1.77	3.33	3.33	0.45	0.5	3.33	1.55	No	0.45 Thermal Discharging
UPPO66	330	'380659204_/_6452830_2'	1.73	3.33	3.33	0.45	1	3.33	1.55	No	0.45 Thermal Discharging
UPPO66	331	'6419453_/_6452894'	5.2	10	10	1.35	6.8	10	4.65	No	1.35 Thermal Discharging
UPPO66	332	'469860282_/_446310245'	5.5	10	10	1.35	5.3	10	4.65	No	1.35 Thermal Discharging
UPPO66	333	'6507065_/_536685799'	5.3	10	10	1.35	2.5	10	4.65	No	1.35 Thermal Discharging
UPPO66	334	'43932251_/_6517884'	5.3	10	10	1.35	2.5	10	4.65	No	1.35 Thermal Discharging
UPPO66	335	'6474551_/_6474564'	1.73	3.33	3.33	0.12	1	3.33	1.55	No	0.12 Thermal Discharging
UPPO66	336	'6474684_/_6474681'	1.73	3.33	3.33	0.12	1	3.33	1.55	No	0.12 Thermal Discharging
UPPO66	337	'6452931_/_6452928'	5.1	10	10	1.35	6.8	10	4.65	No	1.35 Thermal Discharging
UPPO66	338	'8372821_/_8712494_1'	5.3	10	10	1.35	0.5	10	4.65	No	0.5 Element Fault
UPPO66	339	'6419454_/_6419464_1'	1.73	3.33	3.33	0.45	0.4	3.33	1.55	No	0.4 Element Fault
UPPO66	340	'43923361_/_43923358'	1.67	3.33	3.33	0.12	1	3.33	1.55	No	0.12 Thermal Discharging
UPPO66	341	'6518076_/_43931662'	1.97	3.33	3.33	0.45	0.8	3.33	1.55	No	0.45 Thermal Discharging
UPPO66	342	'6473842_/_6473839'	1.5	3.33	3.33	0.45	0.3	3.33	1.55	No	0.3 Element Fault
UPPO66	343	'6478259_/_6478257'	3.4	6.67	6.67	0.9	1.6	6.67	3.1	No	0.9 Thermal Discharging
UPPO66	344	'6452551_/_6452830_1'	1.67	3.33	3.33	0.45	0.5	3.33	1.55	No	0.45 Thermal Discharging
UPPO66	345	'7741024_/_7741021_2'	5.1	10	10	1.35	1	10	4.65	No	1 Element Fault
UPPO66	346	'6453142_/_6453139'	1.7	3.33	3.33	0.45	1.1	3.33	1.55	No	0.45 Thermal Discharging
UPPO66	347	'6517943_/_6517953_2'	1.8	3.33	3.33	0.45	0.8	3.33	1.55	No	0.45 Thermal Discharging
UPPO66	348	'6473803_/_6473800'	1.47	3.33	3.33	0.45	0.3	3.33	1.55	No	0.3 Element Fault
UPPO66	349	'6474791_/_6474788'	1.7	3.33	3.33	0.12	1.1	3.33	1.55	No	0.12 Thermal Discharging
UPPO66	350	'6452951_/_6452948'	5	10	10	1.35	6.8	10	4.65	No	1.35 Thermal Discharging
UPPO66	351	'6473894_/_6473891'	1.47	3.33	3.33	0.45	0.3	3.33	1.55	No	0.3 Element Fault
UPPO66	352	'6517930_/_6517953_1'	1.8	3.33	3.33	0.45	0.3	3.33	1.55	No	0.3 Element Fault
UPPO66	353	'43930550_/_6518777'	5.1	10	10	1.35	2.5	10	4.65	No	1.35 Thermal Discharging
UPPO66	354	'6510717_/_6510732'	3.33	6.67	6.67	0.9	1.6	6.67	3.1	No	0.9 Thermal Discharging
UPPO66	355	'448442260_/_448442264'	5	10	10	1.35	4.7	10	4.65	No	1.35 Thermal Discharging
UPPO66	356	'43931684_/_43931970'	4.8	10	10	1.35	2.4	10	4.65	No	1.35 Thermal Discharging
UPPO66	357	'43920123_/_6474315'	4	10	10	1.35	1.4	10	4.65	No	1.35 Thermal Discharging
UPPO66	358	'43920190_/_6453279'	1.67	3.33	3.33	0.45	0.4	3.33	1.55	No	0.4 Element Fault
UPPO66	359	'8432484_/_6452965_1'	4.9	10	10	1.35	6.8	10	4.65	No	1.35 Thermal Discharging
UPPO66	360	'7452469_/_436456332_2'	5	10	10	1.35	0.6	10	4.65	No	0.6 Element Fault
UPPO66	361	'6452968_/_6452965_2'	4.9	10	10	1.35	6.8	10	4.65	No	1.35 Thermal Discharging
UPPO66	362	'6419467_/_6419464_2'	1.67	3.33	3.33	0.45	0.4	3.33	1.55	No	0.4 Element Fault
UPPO66	363	'7800731_/_7800729_1'	1.63	3.33	3.33	0.45	0.4	3.33	1.55	No	0.4 Element Fault
UPPO66	364	'6474550_/_6474548'	1.63	3.33	3.33	0.12	1	3.33	1.55	No	0.12 Thermal Discharging
UPPO66	365	'424421072_/_422175507'	4.7	10	10	1.35	2.4	10	4.65	No	1.35 Thermal Discharging
UPPO66	366	'6506960_/_6517867'	4.9	10	10	1.35	2.5	10	4.65	No	1.35 Thermal Discharging
UPPO66	367	'6473855_/_6473852'	1.43	3.33	3.33	0.45	0.3	3.33	1.55	No	0.3 Element Fault
UPPO66	368	'6452845_/_6452982'	4.9	10	10	1.35	6.8	10	4.65	No	1.35 Thermal Discharging
UPPO66	369	'43923323_/_43923325'	1.63	3.33	3.33	0.12	1	3.33	1.55	No	0.12 Thermal Discharging
UPPO66	370	'8372800_/_8372798_1'	4.9	10	10	1.35	0.9	10	4.65	No	0.9 Element Fault
UPPO66	371	'43931638_/_6518086'	1.83	3.33	3.33	0.45	0.8	3.33	1.55	No	0.45 Thermal Discharging
UPPO66	372	'6510716_/_6510714'	3.2	6.67	6.67	0.9	1.6	6.67	3.1	No	0.9 Thermal Discharging
UPPO66	373	'6510675_/_6517927'	1.8	3.33	3.33	0.45	0.3	3.33	1.55	No	0.3 Element Fault
UPPO66	374	'6452538_/_6452548'	1.57	3.33	3.33	0.45	0.5	3.33	1.55	No	0.45 Thermal Discharging
UPPO66	375	'43923411_/_6474801'	1.63	3.33	3.33	0.12	1.1	3.33	1.55	No	0.12 Thermal Discharging
UPPO66	376	'6474765_/_6474762'	1.6	3.33	3.33	0.12	1	3.33	1.55	No	0.12 Thermal Discharging
UPPO66	377	'6473816_/_6473813'	1.4	3.33	3.33	0.45	0.3	3.33	1.55	No	0.3 Element Fault
UPPO66	378	'43932360_/_6518800'	4.8	10	10	1.35	2.5	10	4.65	No	1.35 Thermal Discharging
UPPO66	379	'7884500_/_7884497'	3.27	6.67	6.67	0.9	3.5	6.67	3.1	No	0.9 Thermal Discharging
UPPO66	380	'8712497_/_8712494_2'	4.8	10	10	1.35	0.5	10	4.65	No	0.5 Element Fault
UPPO66	381	'7765777_/_469860362'	4.9	10	10	1.35	5.3	10	4.65	No	1.35 Thermal Discharging
UPPO66	382	'6510674_/_6510672'	1.73	3.33	3.33	0.45	0.3	3.33	1.55	No	0.3 Element Fault
UPPO66	383	'6510662_/_6517966'	1.7	3.33	3.33	0.45	0.3	3.33	1.55	No	0.3 Element Fault
UPPO66	384	'7109852_/_43920125'	1.3	3.33	3.33	0.45	0.47	3.33	1.55	No	0.45 Thermal Discharging
UPPO66	385	'6452173_/_6452843'	4.7	10	10	1.35	6.8	10	4.65	No	1.35 Thermal Discharging
UPPO66	386	'6510750_/_6510747'	1.73	3.33	3.33	0.45	0.8	3.33	1.55	No	0.45 Thermal Discharging
UPPO66	387	'43924562_/_6475660'	1.4	3.33	3.33	0.45	0.3	3.33	1.55	No	0.3 Element Fault
UPPO66	388	'43919002_/_6452535'	1.5	3.33	3.33	0.45	0.5	3.33	1.55	No	0.45 Thermal Discharging
UPPO66	389	'6474726_/_6474736'	1.53	3.33	3.33	0.12	1	3.33	1.55	No	0.12 Thermal Discharging
UPPO66	390	'6474778_/_6474775'	1.53	3.33	3.33	0.12	1	3.33	1.55	No	0.12 Thermal Discharging
UPPO66	391	'6453282_/_43920192'	1.5	3.33	3.33	0.45	0.4	3.33	1.55	No	0.4 Element Fault
UPPO66	392	'6419480_/_6419477'	1.53	3.33	3.33	0.45	0.4	3.33	1.55	No	0.4 Element Fault
UPPO66	393	'6473829_/_6473826'	1.33	3.33	3.33	0.45	0.3	3.33	1.55	No	0.3 Element Fault
UPPO66	394	'6518803_/_43932362'	4.6	10	10	1.35	2.5	10	4.65	No	1.35 Thermal Discharging
UPPO66	395	'7800732_/_7800729_2'	1.57	3.33	3.33	0.45	0.4	3.33	1.55	No	0.4 Element Fault
UPPO66	396	'6512853_/_43931686'	4.3	10	10	1.35	2.4	10	4.65	No	1.35 Thermal Discharging
UPPO66	397	'6474817_/_6474814'	1.53	3.33	3.33	0.12	1.1	3.33	1.55	No	0.12 Thermal Discharging
UPPO66	398	'9031969_/_9347000_2'	4.6	10	10	1.35	2.5	10	4.65	No	1.35 Thermal Discharging
UPPO66	399	'43923121_/_43923123'	1.67	3.33	3.33	0.45	0.3	3.33	1.55	No	0.3 Element Fault
UPPO66	400	'6510646_/_6510659'	1.63	3.33	3.33	0.45	0.3	3.33	1.55	No	0.3 Element Fault
UPPO66	401	'6510763_/_6510760'	1.7	3.33	3.33	0.45	0.8	3.33	1.55	No	0.45 Thermal Discharging
UPPO66	402	'6474830_/_6474827'	1.53	3.33	3.33	0.12	1.1	3.33	1.55	No	0.12 Thermal Discharging
UPPO66	403	'43924574_/_43924564'	1.33	3.33	3.33	0.45	0.3	3.33	1.55	No	0.3 Element Fault
UPPO66	404	'6419245_/_6452171'	4.5	10	10	1.35	6.8	10	4.65	No	1.35 Thermal Discharging
UPPO66	405	'9031414_/_469860466'	4.5	10	10	1.35	5.25	10	4.65	No	1.35 Thermal Discharging
UPPO66	406	'6510688_/_6510685'	1.6	3.33	3.33	0.45	0.3	3.33	1.55	No	0.3 Element Fault
UPPO66	407	'6452512_/_6452522'	1.43	3.33	3.33	0.45	0.5	3.33	1.55	No	0.45 Thermal Discharging
UPPO66	408	'43930397_/_43930399'	4.3	10	10	1.35	2.5	10	4.65	No	1.35 Thermal Discharging
UPPO66	409	'6450374_/_6450371'	4.5	10	10	1.35	6.6	10	4.65	No	1.35 Thermal Discharging
UPPO66	410	'8372801_/_8372798_2'	4.3	10	10	1.35	0.9	10	4.65	No	0.9 Element Fault
UPPO66	411	'7110039_/_7110037'	1.63	3.33	3.33	0.45	0.3	3.33	1.55	No	0.3 Element Fault
UPPO66	412	'6474710_/_6474723'	1.43	3.33	3.33	0.12	1	3.33	1.55	No	0.12 Thermal Discharging
UPPO66	413	'43920035_/_6419490'	1.43	3.33	3.33	0.45	0.4	3.33	1.55	No	0.4 Element Fault
UPPO66	414	'43919713_/_6450388'	4.4	10	10	1.35	6.6	10	4.65	No	1.35 Thermal Discharging
UPPO66	415	'6475676_/_43924576'	1.3	3.33	3.33	0.45	0.1	3.33	1.55	No	0.1 Element Fault
UPPO66	416	'446310944_/_446310306_1'	2.7	10	10	1.35	0.5	10	4.65	No	0.5 Element Fault
UPPO66	417	'9658967_/_277723580'	4.3	10	10	1.35	5.25	10	4.65	No	1.35 Thermal Discharging
UPPO66	418	'6474843_/_6474840'	1.47	3.33	3.33	0.12	1.1	3.33	1.55	No	0.12 Thermal Discharging
UPPO66	419	'43931649_/_6512814'	1.6	3.33	3.33	0.45	0.8	3.33	1.55	No	0.45 Thermal Discharging
UPPO66	420	'6450408_/_43919715'	4.3	10	10	1.35	6.6	10	4.65	No	1.35 Thermal Discharging
UPPO66	421	'6419056_/_6452158_2'	1.43	3.33	3.33	0.45	1.1	3.33	1.55	No	0.45 Thermal Discharging
UPPO66	422	'6419522_/_43920037'	1.4	3.33	3.33	0.45	0.4	3.33	1.55	No	0.4 Element Fault

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
UPPO66	423	'53685820_/_53685836_2'		1.4	3.33	3.33	0.45	0.1	3.33	1.55 No	0.1 Element Fault
UPPO66	424	'43931592_/_6510643'		1.53	3.33	3.33	0.45	0.3	3.33	1.55 No	0.3 Element Fault
UPPO66	425	'6510701_/_6510698'		1.53	3.33	3.33	0.45	0.3	3.33	1.55 No	0.3 Element Fault
UPPO66	426	'6446894_/_6452509'		1.33	3.33	3.33	0.45	0.5	3.33	1.55 No	0.45 Thermal Discharging
UPPO66	427	'6450425_/_6450422'		4.2	10	10	1.35	6.6	10	4.65 No	1.35 Thermal Discharging
UPPO66	428	'8087509_/_9347000_1'		4.1	10	10	1.35	0.6	10	4.65 No	0.6 Element Fault
UPPO66	429	'7885099_/_8087507'		4.1	10	10	1.35	0.6	10	4.65 No	0.6 Element Fault
UPPO66	430	'429095065_/_67738382_1'		4	10	10	1.35	0.9	10	4.65 No	0.9 Element Fault
UPPO66	431	'403754886_/_67738382_2'		4	10	10	1.35	0.9	10	4.65 No	0.9 Element Fault
UPPO66	432	'67738317_/_415337374'		4	10	10	1.35	0.9	10	4.65 No	0.9 Element Fault
UPPO66	433	'67738341_/_415337398'		4	10	10	1.35	0.9	10	4.65 No	0.9 Element Fault
UPPO66	434	'426628976_/_415337382'		4	10	10	1.35	0.9	10	4.65 No	0.9 Element Fault
UPPO66	435	'43923301_/_6474853'		1.4	3.33	3.33	0.12	1.1	3.33	1.55 No	0.12 Thermal Discharging
UPPO66	436	'6419535_/_6419532'		1.37	3.33	3.33	0.45	0.4	3.33	1.55 No	0.4 Element Fault
UPPO66	437	'6419017_/_6452158_1'		1.4	3.33	3.33	0.45	0.5	3.33	1.55 No	0.45 Thermal Discharging
UPPO66	438	'9031413_/_277723635'		4.1	10	10	1.35	5.25	10	4.65 No	1.35 Thermal Discharging
UPPO66	439	'6419246_/_6419243_1'		1.47	3.33	3.33	0.09	1.1	3.33	1.55 No	0.09 Thermal Discharging
UPPO66	440	'7451771_/_7451768'		1.27	3.33	3.33	0.45	0.1	3.33	1.55 No	0.1 Element Fault
UPPO66	441	'6474709_/_6474707'		1.37	3.33	3.33	0.12	1	3.33	1.55 No	0.12 Thermal Discharging
UPPO66	442	'123427520_/_123427525'		4.1	10	10	1.35	5.25	10	4.65 No	1.35 Thermal Discharging
UPPO66	443	'6450763_/_6450760'		4.2	10	10	1.35	6.6	10	4.65 No	1.35 Thermal Discharging
UPPO66	444	'43930385_/_6514813'		2.67	6.67	6.67	0.9	1.67	6.67	3.1 No	0.9 Thermal Discharging
UPPO66	445	'6419258_/_6419243_2'		1.43	3.33	3.33	0.09	1.1	3.33	1.55 No	0.09 Thermal Discharging
UPPO66	446	'6419548_/_6419545'		1.37	3.33	3.33	0.45	0.4	3.33	1.55 No	0.4 Element Fault
UPPO66	447	'6474869_/_6474866'		1.4	3.33	3.33	0.12	1	3.33	1.55 No	0.12 Thermal Discharging
UPPO66	448	'67738688_/_67738511_1'		1.3	3.33	3.33	0.45	0.3	3.33	1.55 No	0.3 Element Fault
UPPO66	449	'6512817_/_43931651'		1.53	3.33	3.33	0.45	0.8	3.33	1.55 No	0.45 Thermal Discharging
UPPO66	450	'67738557_/_67738511_2'		1.3	3.33	3.33	0.45	0.3	3.33	1.55 No	0.3 Element Fault
UPPO66	451	'123427562_/_123427591'		4	10	10	1.35	5.25	10	4.65 No	1.35 Thermal Discharging
UPPO66	452	'6450780_/_6450777'		4.1	10	10	1.35	6.6	10	4.65 No	1.35 Thermal Discharging
UPPO66	453	'6453005_/_6453002'		1.33	3.33	3.33	0.45	0.4	3.33	1.55 No	0.4 Element Fault
UPPO66	454	'6446881_/_6446891'		1.27	3.33	3.33	0.45	0.5	3.33	1.55 No	0.45 Thermal Discharging
UPPO66	455	'6452194_/_6452191'		4	10	10	1.35	6.6	10	4.65 No	1.35 Thermal Discharging
UPPO66	456	'6510617_/_6510630'		1.43	3.33	3.33	0.45	0.3	3.33	1.55 No	0.3 Element Fault
UPPO66	457	'6446923_/_6446933'		1.27	3.33	3.33	0.45	0.5	3.33	1.55 No	0.45 Thermal Discharging
UPPO66	458	'6446907_/_6446904'		1.27	3.33	3.33	0.45	0.5	3.33	1.55 No	0.45 Thermal Discharging
UPPO66	459	'6419275_/_6419272'		1.4	3.33	3.33	0.09	1.1	3.33	1.55 No	0.09 Thermal Discharging
UPPO66	460	'6447520_/_6447518'		1.3	3.33	3.33	0.45	0.5	3.33	1.55 No	0.45 Thermal Discharging
UPPO66	461	'43919179_/_6419015'		1.3	3.33	3.33	0.45	0.5	3.33	1.55 No	0.45 Thermal Discharging
UPPO66	462	'6447533_/_6447547'		1.3	3.33	3.33	0.45	0.5	3.33	1.55 No	0.45 Thermal Discharging
UPPO66	463	'69396074_/_67738554'		1.27	3.33	3.33	0.45	0.3	3.33	1.55 No	0.3 Element Fault
UPPO66	464	'6452793_/_7109865'		1.33	3.33	3.33	0.12	1.1	3.33	1.55 No	0.12 Thermal Discharging
UPPO66	465	'6514834_/_9031537_2'		1.27	3.33	3.33	0.45	0.3	3.33	1.55 No	0.3 Element Fault
UPPO66	466	'6419259_/_6419256'		1.37	3.33	3.33	0.09	1	3.33	1.55 No	0.09 Thermal Discharging
UPPO66	467	'123427485_/_123427573'		3.8	10	10	1.35	5.25	10	4.65 No	1.35 Thermal Discharging
UPPO66	468	'6446865_/_6446878'		1.23	3.33	3.33	0.45	0.5	3.33	1.55 No	0.45 Thermal Discharging
UPPO66	469	'43931933_/_43930387'		2.47	6.67	6.67	0.9	1.67	6.67	3.1 No	0.9 Thermal Discharging
UPPO66	470	'6510616_/_6510614'		1.37	3.33	3.33	0.45	0.3	3.33	1.55 No	0.3 Element Fault
UPPO66	471	'43923312_/_6474879'		1.3	3.33	3.33	0.12	1	3.33	1.55 No	0.12 Thermal Discharging
UPPO66	472	'6514947_/_9659602_1'		2.47	6.67	6.67	0.9	0.6	6.67	3.1 No	0.6 Element Fault
UPPO66	473	'8712516_/_444081873_2'		3.8	10	10	1.35	5.25	10	4.65 No	1.35 Thermal Discharging
UPPO66	474	'6506767_/_444081873_1'		3.8	10	10	1.35	2.4	10	4.65 No	1.35 Thermal Discharging
UPPO66	475	'6447534_/_6447531'		1.27	3.33	3.33	0.45	0.5	3.33	1.55 No	0.45 Thermal Discharging
UPPO66	476	'6452096_/_6452106'		1.27	3.33	3.33	0.45	0.5	3.33	1.55 No	0.45 Thermal Discharging
UPPO66	477	'6446922_/_6446920'		1.2	3.33	3.33	0.45	0.5	3.33	1.55 No	0.45 Thermal Discharging
UPPO66	478	'6449603_/_6449600'		1.33	3.33	3.33	0.09	1.1	3.33	1.55 No	0.09 Thermal Discharging
UPPO66	479	'369142147_/_348979985_1'		1.2	3.33	3.33	0.45	0.3	3.33	1.55 No	0.3 Element Fault
UPPO66	480	'428678254_/_428678256'		3.7	10	10	1.35	2.4	10	4.65 No	1.35 Thermal Discharging
UPPO66	481	'6419031_/_43919181'		1.23	3.33	3.33	0.45	0.5	3.33	1.55 No	0.45 Thermal Discharging
UPPO66	482	'6449577_/_6449574'		1.3	3.33	3.33	0.09	1	3.33	1.55 No	0.09 Thermal Discharging
UPPO66	483	'6506750_/_6506764'		3.7	10	10	1.35	2.4	10	4.65 No	1.35 Thermal Discharging
UPPO66	484	'7885100_/_7885097'		3.6	10	10	1.35	0.6	10	4.65 No	0.6 Element Fault
UPPO66	485	'6452741_/_6452791'		1.27	3.33	3.33	0.12	1.1	3.33	1.55 No	0.12 Thermal Discharging
UPPO66	486	'8087157_/_9031537_1'		1.2	3.33	3.33	0.45	0.3	3.33	1.55 No	0.3 Element Fault
UPPO66	487	'6446864_/_43918993'		1.17	3.33	3.33	0.45	0.5	3.33	1.55 No	0.45 Thermal Discharging
UPPO66	488	'6450695_/_6450705'		1.17	3.33	3.33	0.45	0.5	3.33	1.55 No	0.45 Thermal Discharging
UPPO66	489	'6474895_/_6474892'		1.23	3.33	3.33	0.12	1	3.33	1.55 No	0.12 Thermal Discharging
UPPO66	490	'6506749_/_444081813'		3.6	10	10	1.35	2.4	10	4.65 No	1.35 Thermal Discharging
UPPO66	491	'6452083_/_6452093'		1.2	3.33	3.33	0.45	0.5	3.33	1.55 No	0.45 Thermal Discharging
UPPO66	492	'6419044_/_6419041'		1.2	3.33	3.33	0.45	0.5	3.33	1.55 No	0.45 Thermal Discharging
UPPO66	493	'6452742_/_6452739'		1.23	3.33	3.33	0.12	1	3.33	1.55 No	0.12 Thermal Discharging
UPPO66	494	'6449616_/_6449613'		1.27	3.33	3.33	0.09	1.1	3.33	1.55 No	0.09 Thermal Discharging
UPPO66	495	'6449590_/_6449587'		1.27	3.33	3.33	0.09	1	3.33	1.55 No	0.09 Thermal Discharging
UPPO66	496	'428678210_/_428678279'		3.5	10	10	1.35	2.4	10	4.65 No	1.35 Thermal Discharging
UPPO66	497	'6506787_/_428678218'		3.5	10	10	1.35	2.4	10	4.65 No	1.35 Thermal Discharging
UPPO66	498	'6514865_/_9659602_2'		2.27	6.67	6.67	0.9	0.6	6.67	3.1 No	0.6 Element Fault
UPPO66	499	'6446852_/_6450692'		1.13	3.33	3.33	0.45	0.5	3.33	1.55 No	0.45 Thermal Discharging
UPPO66	500	'43920112_/_6452752'		1.2	3.33	3.33	0.12	1	3.33	1.55 No	0.12 Thermal Discharging
UPPO66	501	'6452122_/_6452119'		1.17	3.33	3.33	0.45	0.5	3.33	1.55 No	0.45 Thermal Discharging
UPPO66	502	'68983356_/_6510810'		3.5	10	10	1.35	2.4	10	4.65 No	1.35 Thermal Discharging
UPPO66	503	'6452807_/_6452804'		1.2	3.33	3.33	0.12	1.1	3.33	1.55 No	0.12 Thermal Discharging
UPPO66	504	'6506823_/_6506820'		3.5	10	10	1.35	2.4	10	4.65 No	1.35 Thermal Discharging
UPPO66	505	'6479391_/_6479405'		1.2	3.33	3.33	0.12	1	3.33	1.55 No	0.12 Thermal Discharging
UPPO66	506	'68983528_/_67738581_2'		3.5	10	10	1.35	2.4	10	4.65 No	1.35 Thermal Discharging
UPPO66	507	'448452999_/_448452996'		3.5	10	10	1.35	2.4	10	4.65 No	1.35 Thermal Discharging
UPPO66	508	'6454513_/_6454523'		1.17	3.33	3.33	0.45	0.5	3.33	1.55 No	0.45 Thermal Discharging
UPPO66	509	'6452070_/_6452080'		1.13	3.33	3.33	0.45	0.5	3.33	1.55 No	0.45 Thermal Discharging
UPPO66	510	'6452577_/_6452817'		1.2	3.33	3.33	0.12	1.1	3.33	1.55 No	0.12 Thermal Discharging
UPPO66	511	'6449629_/_6449626'		1.23	3.33	3.33	0.09	1.1	3.33	1.55 No	0.09 Thermal Discharging
UPPO66	512	'6511070_/_6511067'		3.3	10	10	1.35	2.4	10	4.65 No	1.35 Thermal Discharging
UPPO66	513	'6479392_/_6479389'		1.17	3.33	3.33	0.12	1	3.33	1.55 No	0.12 Thermal Discharging
UPPO66	514	'6446839_/_6446849'		1.07	3.33	3.33	0.45	0.5	3.33	1.55 No	0.45 Thermal Discharging
UPPO66	515	'6452768_/_6452765'		1.17	3.33	3.33	0.12	1	3.33	1.55 No	0.12 Thermal Discharging
UPPO66	516	'7764956_/_348979985_2'		1.07	3.33	3.33	0.45	0.3	3.33	1.55 No	0.3 Element Fault

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
											VSR (MW)	Limiting Threshold
UPPO66	517	'6511290_/_43930460'		3.3	10	10	1.35	2.4	10	4.65 No	1.35	Thermal Discharging
UPPO66	518	'43919168_/_6452132'		1.13	3.33	3.33	0.45	0.5	3.33	1.55 No	0.45	Thermal Discharging
UPPO66	519	'6514850_/_6514862'		2.13	6.67	6.67	0.9	0.6	6.67	3.1 No	0.6	Element Fault
UPPO66	520	'276665997_/_276665939_1'		3.3	10	10	1.35	0.9	10	4.65 No	0.9	Element Fault
UPPO66	521	'6449642_/_6449639'		1.2	3.33	3.33	0.09	1.1	3.33	1.55 No	0.09	Thermal Discharging
UPPO66	522	'67738574_/_67738581_1'		3.3	10	10	1.35	1.4	10	4.65 No	1.35	Thermal Discharging
UPPO66	523	'6419826_/_6452574'		1.17	3.33	3.33	0.12	1.1	3.33	1.55 No	0.12	Thermal Discharging
UPPO66	524	'6511090_/_6511087'		3.3	10	10	1.35	2.4	10	4.65 No	1.35	Thermal Discharging
UPPO66	525	'6452054_/_6452067'		1.1	3.33	3.33	0.45	0.5	3.33	1.55 No	0.45	Thermal Discharging
UPPO66	526	'7765778_/_7765775'		1.2	3.33	3.33	0.45	1.7	3.33	1.55 No	0.45	Thermal Discharging
UPPO66	527	'43920346_/_43920348'		1.1	3.33	3.33	0.45	0.5	3.33	1.55 No	0.45	Thermal Discharging
UPPO66	528	'43918969_/_43918971'		1.03	3.33	3.33	0.45	0.5	3.33	1.55 No	0.45	Thermal Discharging
UPPO66	529	'6452590_/_6452587'		1.13	3.33	3.33	0.12	1	3.33	1.55 No	0.12	Thermal Discharging
UPPO66	530	'7452659_/_276665939_2'		3.2	10	10	1.35	0.9	10	4.65 No	0.9	Element Fault
UPPO66	531	'6454500_/_6454497_2'		1.1	3.33	3.33	0.45	0.5	3.33	1.55 No	0.45	Thermal Discharging
UPPO66	532	'6511170_/_6511167'		3.2	10	10	1.35	2.4	10	4.65 No	1.35	Thermal Discharging
UPPO66	533	'6452781_/_6452778'		1.13	3.33	3.33	0.12	1	3.33	1.55 No	0.12	Thermal Discharging
UPPO66	534	'7452639_/_9031667_1'		3.2	10	10	1.35	0.9	10	4.65 No	0.9	Element Fault
UPPO66	535	'6452135_/_43919170'		1.07	3.33	3.33	0.45	0.5	3.33	1.55 No	0.45	Thermal Discharging
UPPO66	536	'9031670_/_9031667_2'		3.2	10	10	1.35	0.9	10	4.65 No	0.9	Element Fault
UPPO66	537	'6419729_/_6419823'		1.13	3.33	3.33	0.12	1.1	3.33	1.55 No	0.12	Thermal Discharging
UPPO66	538	'43931920_/_6514847'		2.07	6.67	6.67	0.9	0.6	6.67	3.1 No	0.6	Element Fault
UPPO66	539	'6454487_/_6454497_1'		1.07	3.33	3.33	0.45	0.3	3.33	1.55 No	0.3	Element Fault
UPPO66	540	'6511107_/_6511104'		3.2	10	10	1.35	2.4	10	4.65 No	1.35	Thermal Discharging
UPPO66	541	'6446825_/_6446823'		1	3.33	3.33	0.45	0.5	3.33	1.55 No	0.45	Thermal Discharging
UPPO66	542	'6452690_/_6452687'		1.1	3.33	3.33	0.12	1	3.33	1.55 No	0.12	Thermal Discharging
UPPO66	543	'6454474_/_6454484'		1.07	3.33	3.33	0.45	0.3	3.33	1.55 No	0.3	Element Fault
UPPO66	544	'6453815_/_43919991'		1.1	3.33	3.33	0.12	1	3.33	1.55 No	0.12	Thermal Discharging
UPPO66	545	'6452053_/_6452051'		1.03	3.33	3.33	0.45	0.5	3.33	1.55 No	0.45	Thermal Discharging
UPPO66	546	'43919842_/_6449743'		1.13	3.33	3.33	0.09	1.1	3.33	1.55 No	0.09	Thermal Discharging
UPPO66	547	'6419768_/_6419765'		1.1	3.33	3.33	0.12	1.1	3.33	1.55 No	0.12	Thermal Discharging
UPPO66	548	'43920101_/_6452700'		1.1	3.33	3.33	0.12	1	3.33	1.55 No	0.12	Thermal Discharging
UPPO66	549	'410331093_/_65111121'		3.1	10	10	1.35	2.4	10	4.65 No	1.35	Thermal Discharging
UPPO66	550	'6453816_/_6453813'		1.07	3.33	3.33	0.12	1	3.33	1.55 No	0.12	Thermal Discharging
UPPO66	551	'6419716_/_6419726'		1.07	3.33	3.33	0.12	1.1	3.33	1.55 No	0.12	Thermal Discharging
UPPO66	552	'6452603_/_6452600'		1.07	3.33	3.33	0.12	1	3.33	1.55 No	0.12	Thermal Discharging
UPPO66	553	'43920335_/_6454471'		1.03	3.33	3.33	0.45	0.3	3.33	1.55 No	0.3	Element Fault
UPPO66	554	'43920357_/_6454549'		1	3.33	3.33	0.45	0.3	3.33	1.55 No	0.3	Element Fault
UPPO66	555	'6452616_/_6452613'		1.07	3.33	3.33	0.12	1	3.33	1.55 No	0.12	Thermal Discharging
UPPO66	556	'6449655_/_6449652'		1.1	3.33	3.33	0.09	1.1	3.33	1.55 No	0.09	Thermal Discharging
UPPO66	557	'8086740_/_276665869'		2.9	10	10	1.35	0.9	10	4.65 No	0.9	Element Fault
UPPO66	558	'6452364_/_6452374'		0.97	3.33	3.33	0.45	0.5	3.33	1.55 No	0.45	Thermal Discharging
UPPO66	559	'6452716_/_6452713'		1.07	3.33	3.33	0.12	1	3.33	1.55 No	0.12	Thermal Discharging
UPPO66	560	'6419703_/_6419713'		1.07	3.33	3.33	0.12	1.1	3.33	1.55 No	0.12	Thermal Discharging
UPPO66	561	'67738330_/_67738598'		3	10	10	1.35	1.4	10	4.65 No	1.35	Thermal Discharging
UPPO66	562	'6514913_/_6514926'		1.93	6.67	6.67	0.9	0.6	6.67	3.1 No	0.6	Element Fault
UPPO66	563	'8087158_/_8087155'		0.97	3.33	3.33	0.45	0.3	3.33	1.55 No	0.3	Element Fault
UPPO66	564	'6419742_/_6419752'		1.07	3.33	3.33	0.12	1.1	3.33	1.55 No	0.12	Thermal Discharging
UPPO66	565	'6419690_/_6419700'		1.03	3.33	3.33	0.12	1.1	3.33	1.55 No	0.12	Thermal Discharging
UPPO66	566	'43920068_/_6453201'		1.03	3.33	3.33	0.12	1.1	3.33	1.55 No	0.12	Thermal Discharging
UPPO66	567	'446310147_/_276665850_2'		2.9	10	10	1.35	0.9	10	4.65 No	0.9	Element Fault
UPPO66	568	'6507085_/_276665850_1'		2.9	10	10	1.35	0.5	10	4.65 No	0.5	Element Fault
UPPO66	569	'6452632_/_6452629'		1.03	3.33	3.33	0.12	1	3.33	1.55 No	0.12	Thermal Discharging
UPPO66	570	'6454461_/_6454536'		1	3.33	3.33	0.45	0.3	3.33	1.55 No	0.3	Element Fault
UPPO66	571	'6514879_/_6514911'		1.87	6.67	6.67	0.9	0.6	6.67	3.1 No	0.6	Element Fault
UPPO66	572	'43919831_/_6449665'		1.07	3.33	3.33	0.09	1.1	3.33	1.55 No	0.09	Thermal Discharging
UPPO66	573	'6452729_/_6452726'		1.03	3.33	3.33	0.12	1	3.33	1.55 No	0.12	Thermal Discharging
UPPO66	574	'43920057_/_6419687'		1	3.33	3.33	0.12	1.1	3.33	1.55 No	0.12	Thermal Discharging
UPPO66	575	'6446813_/_6452361'		0.93	3.33	3.33	0.45	0.5	3.33	1.55 No	0.45	Thermal Discharging
UPPO66	576	'6454552_/_43920359'		0.97	3.33	3.33	0.45	0.3	3.33	1.55 No	0.3	Element Fault
UPPO66	577	'43920090_/_6452642'		1.03	3.33	3.33	0.12	1	3.33	1.55 No	0.12	Thermal Discharging
UPPO66	578	'43931945_/_6514877'		0.9	3.33	3.33	0.45	0.3	3.33	1.55 No	0.3	Element Fault
UPPO66	579	'6419783_/_43920070'		1	3.33	3.33	0.12	1.1	3.33	1.55 No	0.12	Thermal Discharging
UPPO66	580	'6419593_/_6419739'		1	3.33	3.33	0.12	1.1	3.33	1.55 No	0.12	Thermal Discharging
UPPO66	581	'6454447_/_6454458'		0.93	3.33	3.33	0.45	0.3	3.33	1.55 No	0.3	Element Fault
UPPO66	582	'6449681_/_6449678'		1.03	3.33	3.33	0.09	1.1	3.33	1.55 No	0.09	Thermal Discharging
UPPO66	583	'53177103_/_53177100'		2.7	10	10	1.35	0.5	10	4.65 No	0.5	Element Fault
UPPO66	584	'6446800_/_6446810'		0.9	3.33	3.33	0.45	0.5	3.33	1.55 No	0.45	Thermal Discharging
UPPO66	585	'88449545_/_6507082'		2.8	10	10	1.35	0.5	10	4.65 No	0.5	Element Fault
UPPO66	586	'446310994_/_446310213_2'		2.8	10	10	1.35	0.5	10	4.65 No	0.5	Element Fault
UPPO66	587	'6419609_/_6419606'		0.97	3.33	3.33	0.12	1.1	3.33	1.55 No	0.12	Thermal Discharging
UPPO66	588	'6419784_/_6419781'		1	3.33	3.33	0.12	1.1	3.33	1.55 No	0.12	Thermal Discharging
UPPO66	589	'6514880_/_43931947'		0.9	3.33	3.33	0.45	0.3	3.33	1.55 No	0.3	Element Fault
UPPO66	590	'43920238_/_6453295'		1	3.33	3.33	0.12	1	3.33	1.55 No	0.12	Thermal Discharging
UPPO66	591	'43918958_/_43918960'		0.9	3.33	3.33	0.45	0.5	3.33	1.55 No	0.45	Thermal Discharging
UPPO66	592	'53177130_/_53177127'		2.7	10	10	1.35	0.5	10	4.65 No	0.5	Element Fault
UPPO66	593	'6513317_/_6514893'		1.8	6.67	6.67	0.9	0.6	6.67	3.1 No	0.6	Element Fault
UPPO66	594	'6452658_/_43920092'		1	3.33	3.33	0.12	1	3.33	1.55 No	0.12	Thermal Discharging
UPPO66	595	'88542383_/_446310213_1'		2.7	10	10	1.35	0.5	10	4.65 No	0.5	Element Fault
UPPO66	596	'6419663_/_6419661'		0.97	3.33	3.33	0.12	1.1	3.33	1.55 No	0.12	Thermal Discharging
UPPO66	597	'446461852_/_43930565_2'		2.7	10	10	1.35	0.5	10	4.65 No	0.5	Element Fault
UPPO66	598	'53177157_/_53177154'		2.7	10	10	1.35	0.5	10	4.65 No	0.5	Element Fault
UPPO66	599	'6449417_/_6449691'		1	3.33	3.33	0.09	1.1	3.33	1.55 No	0.09	Thermal Discharging
UPPO66	600	'6419577_/_6419590'		0.97	3.33	3.33	0.12	1.1	3.33	1.55 No	0.12	Thermal Discharging
UPPO66	601	'6452041_/_6454445'		0.93	3.33	3.33	0.45	0.3	3.33	1.55 No	0.3	Element Fault
UPPO66	602	'6419797_/_6419794'		0.97	3.33	3.33	0.12	1.1	3.33	1.55 No	0.12	Thermal Discharging
UPPO66	603	'6452335_/_6452345'		0.87	3.33	3.33	0.45	0.5	3.33	1.55 No	0.45	Thermal Discharging
UPPO66	604	'6517349_/_43930565_1'		2.7	10	10	1.35	0.3	10	4.65 No	0.3	Element Fault
UPPO66	605	'43920046_/_6419619'		0.93	3.33	3.33	0.12	1.1	3.33	1.55 No	0.12	Thermal Discharging
UPPO66	606	'6449418_/_6449415'		1	3.33	3.33	0.09	1.1	3.33	1.55 No	0.09	Thermal Discharging
UPPO66	607	'6453298_/_43920240'		0.97	3.33	3.33	0.12	1	3.33	1.55 No	0.12	Thermal Discharging
UPPO66	608	'43920157_/_6453015'		0.97	3.33	3.33	0.12	1	3.33	1.55 No	0.12	Thermal Discharging
UPPO66	609	'6513256_/_6513314'		1.73	6.67	6.67	0.9	0.6	6.67	3.1 No	0.6	Element Fault
UPPO66	610	'43920079_/_6419810'		0.93	3.33	3.33	0.12	1.1	3.33	1.55 No	0.12	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over- Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
UPPO66	611	'6419676_/_6419674'		0.93	3.33	3.33	0.12	1.1	3.33	1.55 No	0.12 Thermal Discharging
UPPO66	612	'6419564_/_6419574'		0.93	3.33	3.33	0.12	1.1	3.33	1.55 No	0.12 Thermal Discharging
UPPO66	613	'6452334_/_6452332'		0.83	3.33	3.33	0.45	0.5	3.33	1.55 No	0.45 Thermal Discharging
UPPO66	614	'6449431_/_6449428'		0.97	3.33	3.33	0.09	1.1	3.33	1.55 No	0.09 Thermal Discharging
UPPO66	615	'6419635_/_43920048'		0.93	3.33	3.33	0.12	1.1	3.33	1.55 No	0.12 Thermal Discharging
UPPO66	616	'6419813_/_43920081'		0.93	3.33	3.33	0.12	1.1	3.33	1.55 No	0.12 Thermal Discharging
UPPO66	617	'43919157_/_43919159'		0.87	3.33	3.33	0.45	0.3	3.33	1.55 No	0.3 Element Fault
UPPO66	618	'6449707_/_6449704'		0.97	3.33	3.33	0.09	1	3.33	1.55 No	0.09 Thermal Discharging
UPPO66	619	'6419563_/_6419561'		0.9	3.33	3.33	0.12	1.1	3.33	1.55 No	0.12 Thermal Discharging
UPPO66	620	'6513284_/_6513296'		1.67	6.67	6.67	0.9	0.6	6.67	3.1 No	0.6 Element Fault
UPPO66	621	'6452673_/_43920159'		0.93	3.33	3.33	0.12	1	3.33	1.55 No	0.12 Thermal Discharging
UPPO66	622	'6513255_/_6513253'		0.87	3.33	3.33	0.45	0.3	3.33	1.55 No	0.3 Element Fault
UPPO66	623	'6419648_/_6419645'		0.9	3.33	3.33	0.12	1.1	3.33	1.55 No	0.12 Thermal Discharging
UPPO66	624	'6449444_/_6449441'		0.93	3.33	3.33	0.09	1.1	3.33	1.55 No	0.09 Thermal Discharging
UPPO66	625	'6452674_/_6452671'		0.9	3.33	3.33	0.12	1	3.33	1.55 No	0.12 Thermal Discharging
UPPO66	626	'43931875_/_6513281'		1.6	6.67	6.67	0.9	0.6	6.67	3.1 No	0.6 Element Fault
UPPO66	627	'68983517_/_68983419'		0.97	3.33	3.33	0.45	0.8	3.33	1.55 No	0.45 Thermal Discharging
UPPO66	628	'6453043_/_6453041'		0.87	3.33	3.33	0.12	1.1	3.33	1.55 No	0.12 Thermal Discharging
UPPO66	629	'43931548_/_6513653'		0.87	3.33	3.33	0.45	0.3	3.33	1.55 No	0.3 Element Fault
UPPO66	630	'6452028_/_6452038'		0.83	3.33	3.33	0.45	0.3	3.33	1.55 No	0.3 Element Fault
UPPO66	631	'43919820_/_6449717'		0.9	3.33	3.33	0.09	1	3.33	1.55 No	0.09 Thermal Discharging
UPPO66	632	'6453243_/_6453266'		0.87	3.33	3.33	0.12	1	3.33	1.55 No	0.12 Thermal Discharging
UPPO66	633	'6449548_/_6449545'		0.9	3.33	3.33	0.09	1.1	3.33	1.55 No	0.09 Thermal Discharging
UPPO66	634	'6449456_/_6449983'		0.9	3.33	3.33	0.09	1.1	3.33	1.55 No	0.09 Thermal Discharging
UPPO66	635	'6513268_/_6513266'		1.53	6.6	6.67	0.9	0.6	6.67	3.1 No	0.6 Element Fault
UPPO66	636	'43919702_/_6453227'		0.87	3.33	3.33	0.12	1	3.33	1.55 No	0.12 Thermal Discharging
UPPO66	637	'6449564_/_6449561'		0.87	3.33	3.33	0.09	1.1	3.33	1.55 No	0.09 Thermal Discharging
UPPO66	638	'6511235_/_6511245_1'		0.93	3.33	3.33	0.45	0.3	3.33	1.55 No	0.3 Element Fault
UPPO66	639	'6449915_/_6449912'		0.87	3.33	3.33	0.09	1.1	3.33	1.55 No	0.09 Thermal Discharging
UPPO66	640	'6419356_/_6453240'		0.87	3.33	3.33	0.12	1	3.33	1.55 No	0.12 Thermal Discharging
UPPO66	641	'6453230_/_43919704'		0.87	3.33	3.33	0.12	0.1	3.33	1.55 No	0.1 Element Fault
UPPO66	642	'6511248_/_6511245_2'		0.93	3.33	3.33	0.45	0.3	3.33	1.55 No	0.3 Element Fault
UPPO66	643	'6510539_/_43931550'		0.87	3.23	3.33	0.45	0.3	3.33	1.55 No	0.3 Element Fault
UPPO66	644	'6452015_/_6452025'		0.8	3.33	3.33	0.45	0.3	3.33	1.55 No	0.3 Element Fault
UPPO66	645	'6515027_/_6515025'		1.53	6.47	6.67	0.9	0.6	6.67	3.1 No	0.6 Element Fault
UPPO66	646	'6419357_/_6419354'		0.83	3.33	3.33	0.12	1	3.33	1.55 No	0.12 Thermal Discharging
UPPO66	647	'43919691_/_43919822'		0.87	3.33	3.33	0.09	1	3.33	1.55 No	0.09 Thermal Discharging
UPPO66	648	'7765953_/_7884755'		1.47	6.4	6.67	0.9	0.6	6.67	3.1 No	0.6 Element Fault
UPPO66	649	'6449457_/_6449454'		0.87	3.33	3.33	0.09	1	3.33	1.55 No	0.09 Thermal Discharging
UPPO66	650	'43930471_/_6511261'		0.9	3.3	3.33	0.45	0.3	3.33	1.55 No	0.3 Element Fault
UPPO66	651	'6419370_/_6419367'		0.83	3.33	3.33	0.12	1	3.33	1.55 No	0.12 Thermal Discharging
UPPO66	652	'6452147_/_43918861'		0.77	3.33	3.33	0.45	0.3	3.33	1.55 No	0.3 Element Fault
UPPO66	653	'43919852_/_6452561'		0.83	3.33	3.33	0.12	1	3.33	1.55 No	0.12 Thermal Discharging
UPPO66	654	'6452002_/_6452012'		0.77	3.33	3.33	0.45	0.3	3.33	1.55 No	0.3 Element Fault
UPPO66	655	'7765954_/_7765951'		1.47	6.27	6.67	0.9	0.3	6.67	3.1 No	0.3 Element Fault
UPPO66	656	'6454435_/_6454432'		0.77	3.33	3.33	0.45	0.3	3.33	1.55 No	0.3 Element Fault
UPPO66	657	'43930447_/_6511310_1'		0.87	3.23	3.33	0.45	0.8	3.33	1.55 No	0.45 Thermal Discharging
UPPO66	658	'43931559_/_6510549'		0.83	3.13	3.33	0.45	0.3	3.33	1.55 No	0.3 Element Fault
UPPO66	659	'6510552_/_6510562_1'		0.83	3.13	3.33	0.45	0.3	3.33	1.55 No	0.3 Element Fault
UPPO66	660	'6506842_/_6511274'		0.9	3.23	3.33	0.45	0.3	3.33	1.55 No	0.3 Element Fault
UPPO66	661	'6515042_/_6515040'		1.47	6.2	6.67	0.9	0.6	6.67	3.1 No	0.6 Element Fault
UPPO66	662	'6449470_/_6449467'		0.83	3.33	3.33	0.09	1	3.33	1.55 No	0.09 Thermal Discharging
UPPO66	663	'43919146_/_6451999'		0.77	3.33	3.33	0.45	0.3	3.33	1.55 No	0.3 Element Fault
UPPO66	664	'6449232_/_43919693'		0.83	3.33	3.33	0.09	1	3.33	1.55 No	0.09 Thermal Discharging
UPPO66	665	'6419317_/_6419315'		0.8	3.33	3.33	0.12	1	3.33	1.55 No	0.12 Thermal Discharging
UPPO66	666	'43920480_/_6455108'		0.73	3.33	3.33	0.45	0.3	3.33	1.55 No	0.3 Element Fault
UPPO66	667	'6511313_/_43930449'		0.83	3.13	3.33	0.45	0.8	3.33	1.55 No	0.45 Thermal Discharging
UPPO66	668	'6449930_/_6449928'		0.83	3.33	3.33	0.09	1	3.33	1.55 No	0.09 Thermal Discharging
UPPO66	669	'9657985_/_9657982'		0.8	3.27	3.33	0.12	0.1	3.33	1.55 No	0.1 Element Fault
UPPO66	670	'6506921_/_6506918'		0.87	3.2	3.33	0.45	0.3	3.33	1.55 No	0.3 Element Fault
UPPO66	671	'6511141_/_6511138'		0.83	3.17	3.33	0.45	0.8	3.33	1.55 No	0.45 Thermal Discharging
UPPO66	672	'6510565_/_6510562_2'		0.8	3.03	3.33	0.45	0.3	3.33	1.55 No	0.3 Element Fault
UPPO66	673	'6451988_/_6451986'		0.73	3.33	3.33	0.45	0.3	3.33	1.55 No	0.3 Element Fault
UPPO66	674	'6506843_/_6506840'		0.87	3.17	3.33	0.45	0.3	3.33	1.55 No	0.3 Element Fault
UPPO66	675	'43919761_/_6449821'		0.8	3.33	3.33	0.09	1	3.33	1.55 No	0.09 Thermal Discharging
UPPO66	676	'6419386_/_6419383'		0.8	3.27	3.33	0.12	1	3.33	1.55 No	0.12 Thermal Discharging
UPPO66	677	'6449483_/_6449480'		0.8	3.33	3.33	0.09	1	3.33	1.55 No	0.09 Thermal Discharging
UPPO66	678	'53992793_/_53992768_1'		0.83	3.13	3.33	0.45	0.3	3.33	1.55 No	0.3 Element Fault
UPPO66	679	'6449233_/_6449230'		0.8	3.3	3.33	0.09	1	3.33	1.55 No	0.09 Thermal Discharging
UPPO66	680	'62786874_/_62786882_1'		0.8	3.3	3.33	0.09	0.2	3.33	1.55 No	0.09 Thermal Discharging
UPPO66	681	'43920227_/_6452387'		0.8	3.33	3.33	0.09	1	3.33	1.55 No	0.09 Thermal Discharging
UPPO66	682	'6511193_/_6511190'		0.83	3.13	3.33	0.45	0.8	3.33	1.55 No	0.45 Thermal Discharging
UPPO66	683	'44793107_/_6455121'		0.73	3.3	3.33	0.45	0.3	3.33	1.55 No	0.3 Element Fault
UPPO66	684	'54636954_/_54636868_1'		0.8	3.3	3.33	0.09	0.2	3.33	1.55 No	0.09 Thermal Discharging
UPPO66	685	'62786879_/_62786882_2'		0.8	3.27	3.33	0.09	0.2	3.33	1.55 No	0.09 Thermal Discharging
UPPO66	686	'43919864_/_43919866'		0.8	3.23	3.33	0.12	1	3.33	1.55 No	0.12 Thermal Discharging
UPPO66	687	'6506934_/_6506931'		0.87	3.13	3.33	0.45	0.3	3.33	1.55 No	0.3 Element Fault
UPPO66	688	'6449496_/_6449493'		0.8	3.27	3.33	0.09	1	3.33	1.55 No	0.09 Thermal Discharging
UPPO66	689	'6454383_/_6454393'		0.73	3.27	3.33	0.45	0.3	3.33	1.55 No	0.3 Element Fault
UPPO66	690	'6506856_/_6506853'		0.87	3.1	3.33	0.45	0.3	3.33	1.55 No	0.3 Element Fault
UPPO66	691	'9659622_/_9659620'		1.33	5.8	6.67	0.9	0.3	6.67	3.1 No	0.3 Element Fault
UPPO66	692	'62786963_/_62786981'		0.8	3.23	3.33	0.09	0.2	3.33	1.55 No	0.09 Thermal Discharging
UPPO66	693	'6511209_/_6511206'		0.8	3.1	3.33	0.45	0.8	3.33	1.55 No	0.45 Thermal Discharging
UPPO66	694	'43931581_/_6510575'		0.77	2.97	3.33	0.45	0.3	3.33	1.55 No	0.3 Element Fault
UPPO66	695	'6449836_/_43919763'		0.8	3.23	3.33	0.09	1	3.33	1.55 No	0.09 Thermal Discharging
UPPO66	696	'6419330_/_6419328'		0.77	3.2	3.33	0.12	1	3.33	1.55 No	0.12 Thermal Discharging
UPPO66	697	'479532432_/_43919877'		0.77	3.2	3.33	0.12	1	3.33	1.55 No	0.12 Thermal Discharging
UPPO66	698	'6506869_/_6506866'		0.83	3.07	3.33	0.45	0.3	3.33	1.55 No	0.3 Element Fault
UPPO66	699	'6452483_/_43920229'		0.8	3.27	3.33	0.09	1	3.33	1.55 No	0.09 Thermal Discharging
UPPO66	700	'62786920_/_62786970'		0.77	3.2	3.33	0.09	0.2	3.33	1.55 No	0.09 Thermal Discharging
UPPO66	701	'6419401_/_7451500_1'		0.77	3.17	3.33	0.12	0.4	3.33	1.55 No	0.12 Thermal Discharging
UPPO66	702	'43930482_/_6511154'		0.8	3.03	3.33	0.45	0.8	3.33	1.55 No	0.45 Thermal Discharging
UPPO66	703	'43930504_/_6511219'		0.8	3.03	3.33	0.45	0.8	3.33	1.55 No	0.45 Thermal Discharging
UPPO66	704	'440217116_/_7451500_2'		0.77	3.17	3.33	0.12	0.4	3.33	1.55 No	0.12 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
UPPO66	705	'6449837_/6449834'	0.77	3.17	3.33	0.09	1	3.33	1.55 No	0.09	Thermal Discharging
UPPO66	706	'6449388_/6449506'	0.77	3.17	3.33	0.09	1	3.33	1.55 No	0.09	Thermal Discharging
UPPO66	707	'43930515_/6506944'	0.83	3.03	3.33	0.45	0.3	3.33	1.55 No	0.3	Element Fault
UPPO66	708	'6506882_/6506879'	0.83	3.03	3.33	0.45	0.3	3.33	1.55 No	0.3	Element Fault
UPPO66	709	'53992761_/53992768_2'	0.8	3	3.33	0.45	0.3	3.33	1.55 No	0.3	Element Fault
UPPO66	710	'6454382_/6454380'	0.7	3.17	3.33	0.45	0.3	3.33	1.55 No	0.3	Element Fault
UPPO66	711	'7451503_/440217137'	0.77	3.13	3.33	0.12	0.4	3.33	1.55 No	0.12	Thermal Discharging
UPPO66	712	'6510590_/43931583'	0.77	2.87	3.33	0.45	0.3	3.33	1.55 No	0.3	Element Fault
UPPO66	713	'6511222_/43930506'	0.8	3	3.33	0.45	0.8	3.33	1.55 No	0.45	Thermal Discharging
UPPO66	714	'6454409_/6454419'	0.7	3.13	3.33	0.45	0.3	3.33	1.55 No	0.3	Element Fault
UPPO66	715	'54636861_/54636868_2'	0.77	3.1	3.33	0.09	0.2	3.33	1.55 No	0.09	Thermal Discharging
UPPO66	716	'43930526_/6506892'	0.83	3	3.33	0.45	0.3	3.33	1.55 No	0.3	Element Fault
UPPO66	717	'70127458_/43930484'	0.77	2.93	3.33	0.45	0.8	3.33	1.55 No	0.45	Thermal Discharging
UPPO66	718	'6449850_/6449847'	0.73	3.07	3.33	0.09	1	3.33	1.55 No	0.09	Thermal Discharging
UPPO66	719	'43919783_/6449386'	0.73	3.07	3.33	0.09	1	3.33	1.55 No	0.09	Thermal Discharging
UPPO66	720	'6506947_/43930517'	0.8	2.97	3.33	0.45	0.3	3.33	1.55 No	0.3	Element Fault
UPPO66	721	'389365636_/129570_1'	1.27	5.47	6.67	0.9	0.3	6.67	3.1 No	0.3	Element Fault
UPPO66	722	'53220886_/53220819'	0.73	3.03	3.33	0.09	0.2	3.33	1.55 No	0.09	Thermal Discharging
UPPO66	723	'43931570_/6510588'	0.73	2.8	3.33	0.45	0.3	3.33	1.55 No	0.3	Element Fault
UPPO66	724	'43930531_/43930528'	0.8	2.93	3.33	0.45	0.3	3.33	1.55 No	0.3	Element Fault
UPPO66	725	'6454408_/6454406'	0.67	3.03	3.33	0.45	0.3	3.33	1.55 No	0.3	Element Fault
UPPO66	726	'6449402_/43919785'	0.73	3	3.33	0.09	1	3.33	1.55 No	0.09	Thermal Discharging
UPPO66	727	'54636892_/54636899'	0.73	3	3.33	0.09	0.2	3.33	1.55 No	0.09	Thermal Discharging
UPPO66	728	'43919750_/6449860'	0.73	2.97	3.33	0.09	1	3.33	1.55 No	0.09	Thermal Discharging
UPPO66	729	'53220876_/53220890_1'	0.73	2.97	3.33	0.09	0.1	3.33	1.55 No	0.09	Thermal Discharging
UPPO66	730	'440623819_/440623817'	0.67	3	3.33	0.45	0.3	3.33	1.55 No	0.3	Element Fault
UPPO66	731	'53220803_/53220890_2'	0.73	2.93	3.33	0.09	0.1	3.33	1.55 No	0.09	Thermal Discharging
UPPO66	732	'6510591_/43931572'	0.7	2.7	3.33	0.45	0.3	3.33	1.55 No	0.3	Element Fault
UPPO66	733	'442039979_/440623831'	0.67	2.97	3.33	0.45	0.3	3.3	1.55 No	0.3	Element Fault
UPPO66	734	'6449810_/6449873'	0.7	2.9	3.33	0.09	1	3.29	1.55 No	0.09	Thermal Discharging
UPPO66	735	'6449206_/43919671'	0.7	2.8	3.33	0.09	0.1	3.24	1.55 No	0.09	Thermal Discharging
UPPO66	736	'6449771_/6449808'	0.7	2.8	3.33	0.09	1	3.22	1.55 No	0.09	Thermal Discharging
UPPO66	737	'6449772_/6449769'	0.67	2.8	3.33	0.09	1	3.2	1.55 No	0.09	Thermal Discharging
UPPO66	738	'54636923_/54636930'	0.67	2.77	3.33	0.09	0.2	3.2	1.55 No	0.09	Thermal Discharging
UPPO66	739	'6449044_/6449204'	0.67	2.77	3.33	0.09	0.1	3.19	1.55 No	0.09	Thermal Discharging
UPPO66	740	'6449135_/6449133_1'	0.67	2.73	3.33	0.09	0.1	3.18	1.55 No	0.09	Thermal Discharging
UPPO66	741	'43919739_/6450718'	0.67	2.73	3.33	0.09	1	3.14	1.55 No	0.09	Thermal Discharging
UPPO66	742	'6450733_/43919741'	0.67	2.67	3.33	0.09	1	3.11	1.55 No	0.09	Thermal Discharging
UPPO66	743	'6449136_/6449133_2'	0.67	2.67	3.33	0.09	0.1	3.1	1.55 No	0.09	Thermal Discharging
UPPO66	744	'43919625_/6449042'	0.63	2.63	3.33	0.09	0.1	3.09	1.55 No	0.09	Thermal Discharging
UPPO66	745	'6449784_/6450731'	0.63	2.63	3.33	0.09	1	3.05	1.55 No	0.09	Thermal Discharging
UPPO66	746	'6448916_/6449029'	0.63	2.6	3.33	0.09	0.1	3.05	1.55 No	0.09	Thermal Discharging
UPPO66	747	'6449363_/6449360'	0.63	2.6	3.33	0.09	0.1	3.05	1.55 No	0.09	Thermal Discharging
UPPO66	748	'6449149_/6449146'	0.63	2.6	3.33	0.09	0.1	3.05	1.55 No	0.09	Thermal Discharging
UPPO66	749	'6449337_/6449347'	0.63	2.6	3.33	0.09	0.1	3.05	1.55 No	0.09	Thermal Discharging
UPPO66	750	'6449376_/6449373'	0.63	2.57	3.33	0.09	0.1	3.02	1.55 No	0.09	Thermal Discharging
UPPO66	751	'6449785_/6449782'	0.63	2.57	3.33	0.09	1	3.01	1.55 No	0.09	Thermal Discharging
UPPO66	752	'6448670_/6449159'	0.63	2.57	3.33	0.09	0.1	3.01	1.55 No	0.09	Thermal Discharging
UPPO66	753	'6449798_/6449795'	0.63	2.53	3.33	0.09	1	2.99	1.55 No	0.09	Thermal Discharging
UPPO66	754	'43919658_/43919660'	0.63	2.53	3.33	0.09	0.1	2.99	1.55 No	0.09	Thermal Discharging
UPPO66	755	'6448657_/6448667'	0.63	2.53	3.33	0.09	0.1	2.96	1.55 No	0.09	Thermal Discharging
UPPO66	756	'6449178_/6449175'	0.63	2.53	3.33	0.09	0.1	2.96	1.55 No	0.09	Thermal Discharging
UPPO66	757	'6449323_/6449321'	0.6	2.5	3.33	0.09	0.1	2.95	1.55 No	0.09	Thermal Discharging
UPPO66	758	'6448641_/6448654'	0.6	2.47	3.33	0.09	0.1	2.92	1.55 No	0.09	Thermal Discharging
UPPO66	759	'43919647_/6449188'	0.6	2.47	3.33	0.09	0.1	2.91	1.55 No	0.09	Thermal Discharging
UPPO66	760	'43920491_/43920493'	0.6	2.47	3.33	0.09	0.1	2.9	1.55 No	0.09	Thermal Discharging
UPPO66	761	'45387509_/6455134'	0.6	2.43	3.33	0.09	0.1	2.87	1.55 No	0.09	Thermal Discharging
UPPO66	762	'6448628_/6448638'	0.6	2.43	3.33	0.09	0.1	2.87	1.55 No	0.09	Thermal Discharging
UPPO66	763	'6449191_/43919649'	0.6	2.43	3.33	0.09	0.1	2.87	1.55 No	0.09	Thermal Discharging
UPPO66	764	'43919636_/43919638'	0.57	2.37	3.33	0.09	0.1	2.82	1.55 No	0.09	Thermal Discharging
UPPO66	765	'6448627_/6448625'	0.57	2.3	3.33	0.09	0.1	2.77	1.55 No	0.09	Thermal Discharging
UPPO67	0	'UPPO67_/8728694'	10	10	10	0.44	10	10	10	0.44	Thermal Discharging
UPPO67	1	'8101145_/8728694'	10	10	10	0.44	10	10	10	0.44	Thermal Discharging
UPPO67	2	'7465547_/8101142'	10	10	10	0.44	10	10	10	0.44	Thermal Discharging
UPPO67	3	'7465548_/7465545'	10	10	10	0.44	10	10	10	0.44	Thermal Discharging
UPPO67	4	'58110930_/509114236'	10	10	10	0.44	10	10	10	0.44	Thermal Discharging
UPPO67	5	'58110938_/509114269'	10	10	10	0.44	10	10	10	0.44	Thermal Discharging
UPPO67	6	'58110998_/509114374'	10	10	10	0.44	10	10	10	0.44	Thermal Discharging
UPPO67	7	'58110980_/509114400'	10	10	10	0.44	10	10	10	0.44	Thermal Discharging
UPPO67	8	'426510243_/509114431'	10	10	10	0.44	10	10	10	0.44	Thermal Discharging
UPPO67	9	'9068509_/426510272'	10	10	10	0.44	10	10	10	0.44	Thermal Discharging
UPPO67	10	'37994866_/509114474'	10	10	10	0.44	10	10	10	0.44	Thermal Discharging
UPPO67	11	'404914856_/38024774'	10	10	10	0.44	10	10	10	0.44	Thermal Discharging
UPPO67	12	'37994845_/38024781'	5.6	10	10	0.44	4.5	10	10	0.44	Thermal Discharging
UPPO67	13	'37994852_/38024767'	10	10	10	0.44	10	10	10	0.44	Thermal Discharging
UPPO67	14	'37994859_/38024760'	10	10	10	0.44	4.6	10	10	0.44	Thermal Discharging
UPPO67	15	'7802775_/509114491'	10	10	10	0.44	10	10	10	0.44	Thermal Discharging
UPPO67	16	'612992461_/612992033'	10	10	10	0.44	4.6	10	10	0.44	Thermal Discharging
UPPO67	17	'7778576_/509114512'	10	10	10	0.44	10	10	10	0.44	Thermal Discharging
UPPO67	18	'7778575_/509114529'	10	10	10	0.44	10	10	10	0.44	Thermal Discharging
UPPO67	19	'578923060_/578923009'	10	10	10	0.44	10	10	10	0.44	Thermal Discharging
UPPO67	20	'612992152_/612992066'	10	10	10	0.44	4.6	10	10	0.44	Thermal Discharging
UPPO67	21	'37994678_/578923064'	10	10	10	0.44	10	10	10	0.44	Thermal Discharging
UPPO67	22	'404915087_/579413218'	10	10	10	0.44	10	10	10	0.44	Thermal Discharging
UPPO67	23	'37994692_/579413206'	10	10	10	0.44	4.5	10	10	0.44	Thermal Discharging
UPPO67	24	'37994769_/579413212'	10	10	10	0.44	10	10	10	0.44	Thermal Discharging
UPPO67	25	'37994706_/579413224'	10	10	10	0.44	10	10	10	0.44	Thermal Discharging
UPPO67	26	'579412527_/578923085'	10	10	10	0.44	10	10	10	0.44	Thermal Discharging
UPPO67	27	'578923028_/578922979'	10	10	10	0.44	10	10	10	0.44	Thermal Discharging
UPPO67	28	'8728352_/579412531'	10	10	10	0.44	10	10	10	0.44	Thermal Discharging
UPPO67	29	'8407738_/578922949'	10	10	10	0.44	10	10	10	0.44	Thermal Discharging
UPPO67	30	'8100289_/8728350'	10	10	10	0.44	10	10	10	0.44	Thermal Discharging
UPPO67	31	'120404633_/120404888_2'	10	10	10	0.44	10	10	10	0.44	Thermal Discharging
UPPO67	32	'283196513_/578922914'	10	10	10	0.44	10	10	10	0.44	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
UPPO67	33	'429709935_/114313667'	10		10	10	0.44	10	10	7.94 No	0.44 Thermal Discharging
UPPO67	34	'120404669_/120404888_1'	10		10	10	0.44	10	10	7.94 No	0.44 Thermal Discharging
UPPO67	35	'114313681_/87961342'	10		10	10	0.44	10	10	7.94 No	0.44 Thermal Discharging
UPPO67	36	'612992150_/612992085'	10		10	10	0.44	4.6	10	7.94 No	0.44 Thermal Discharging
UPPO67	37	'612992172_/612992100'	10		10	10	0.44	4.6	10	7.94 No	0.44 Thermal Discharging
UPPO67	38	'8100369_/589639846'	10		10	10	0.44	4.5	10	7.94 No	0.44 Thermal Discharging
UPPO67	39	'9045571_/589639863'	10		10	10	0.44	4.5	10	7.94 No	0.44 Thermal Discharging
UPPO67	40	'9359810_/589639885'	10		10	10	0.44	4.5	10	7.94 No	0.44 Thermal Discharging
UPPO67	41	'612992180_/612992115'	10		10	10	0.44	4.6	10	7.94 No	0.44 Thermal Discharging
UPPO67	42	'612992009_/612992130'	10		10	10	0.44	4.6	10	7.94 No	0.44 Thermal Discharging
UPPO67	43	'612992290_/612992294'	10		10	10	0.44	4.6	10	7.94 No	0.44 Thermal Discharging
UPPO67	44	'612992311_/612992315'	10		10	10	0.44	4.6	10	7.94 No	0.44 Thermal Discharging
UPPO67	45	'612992332_/612992336'	10		10	10	0.44	4.6	10	7.94 No	0.44 Thermal Discharging
UPPO67	46	'612992353_/612992357'	10		10	10	0.44	4.6	10	7.94 No	0.44 Thermal Discharging
UPPO67	47	'612992379_/612992270'	10		10	10	0.44	4.6	10	7.94 No	0.44 Thermal Discharging
UPPO67	48	'473239956_/612992209'	7.8		10	10	0.44	4.6	10	7.94 No	0.44 Thermal Discharging
UPPO67	49	'473239886_/404914696'	7.8		10	10	0.44	4.6	10	7.94 No	0.44 Thermal Discharging
UPPO67	50	'473240225_/37994969'	7.8		10	10	0.44	4.6	10	7.94 No	0.44 Thermal Discharging
UPPO67	51	'473239972_/404914703'	7.8		10	10	0.44	4.6	10	7.94 No	0.44 Thermal Discharging
UPPO67	52	'473239959_/404914710'	7.8		10	10	0.44	4.6	10	7.94 No	0.44 Thermal Discharging
UPPO67	53	'7487806_/7487804'	6.6		10	10	0.44	4.6	10	7.94 No	0.44 Thermal Discharging
UPPO67	54	'499662006_/499662147'	5.4		10	10	0.44	4.6	10	7.94 No	0.44 Thermal Discharging
UPPO67	55	'499662022_/499662054'	5.1		10	10	0.44	4.6	10	7.94 No	0.44 Thermal Discharging
UPPO67	56	'674893636_/674893652'	4.1		10	10	0.44	4.6	10	7.94 No	0.44 Thermal Discharging
UPPO68	0	'UPPO68_/9360378'	10		10	10	0.96	10	10	No	0.96 Thermal Discharging
UPPO68	1	'9360341_/9360378'	10		10	10	0.96	10	10	5.73 No	0.96 Thermal Discharging
UPPO68	2	'58113819_/9360338'	10		10	10	0.96	10	10	5.73 No	0.96 Thermal Discharging
UPPO68	3	'58113841_/9360318'	10		10	10	0.96	10	10	5.73 No	0.96 Thermal Discharging
UPPO68	4	'58113863_/7465165'	10		10	10	0.96	10	10	5.73 No	0.96 Thermal Discharging
UPPO68	5	'58113877_/8100742'	10		10	10	0.96	10	10	5.73 No	0.96 Thermal Discharging
UPPO68	6	'58113897_/7778981'	10		10	10	0.96	10	10	5.73 No	0.96 Thermal Discharging
UPPO68	7	'58113911_/9045853'	10		10	10	0.96	10	10	5.73 No	0.96 Thermal Discharging
UPPO68	8	'58113925_/8100842'	10		10	10	0.96	10	10	5.73 No	0.96 Thermal Discharging
UPPO68	9	'58113933_/7741081'	10		10	10	0.96	10	10	5.73 No	0.96 Thermal Discharging
UPPO68	10	'58113953_/7769109'	10		10	10	0.96	10	10	5.73 No	0.96 Thermal Discharging
UPPO68	11	'58113979_/7769169'	10		10	10	0.96	10	10	5.73 No	0.96 Thermal Discharging
UPPO68	12	'58113993_/9350070'	10		10	10	0.96	10	10	5.73 No	0.96 Thermal Discharging
UPPO68	13	'58114007_/9662836'	10		10	10	0.96	10	10	5.73 No	0.96 Thermal Discharging
UPPO68	14	'58114021_/7887905'	10		10	10	0.96	10	10	5.73 No	0.96 Thermal Discharging
UPPO68	15	'8090412_/508871309'	10		10	10	0.96	10	10	5.73 No	0.96 Thermal Discharging
UPPO68	16	'8090373_/508871320'	10		10	10	0.96	10	10	5.73 No	0.96 Thermal Discharging
UPPO68	17	'7455659_/508871363'	10		10	10	0.96	10	10	5.73 No	0.96 Thermal Discharging
UPPO68	18	'7769036_/9349940_2'	10		10	10	0.96	1.1	10	5.73 No	0.96 Thermal Discharging
UPPO68	19	'7455658_/508871390'	10		10	10	0.96	10	10	5.73 No	0.96 Thermal Discharging
UPPO68	20	'6623997_/9349940_1'	10		10	10	0.96	1.1	10	5.73 No	0.96 Thermal Discharging
UPPO68	21	'6624017_/6624014'	10		10	10	0.96	1.1	10	5.73 No	0.96 Thermal Discharging
UPPO68	22	'6621429_/6623994'	10		10	10	0.96	1.1	10	5.73 No	0.96 Thermal Discharging
UPPO68	23	'6612696_/6621426'	10		10	10	0.96	1.1	10	5.73 No	0.96 Thermal Discharging
UPPO68	24	'6612697_/6622798_1'	10		10	10	0.96	1.1	10	5.73 No	0.96 Thermal Discharging
UPPO68	25	'6621395_/6621409'	10		10	10	0.96	1.1	10	5.73 No	0.96 Thermal Discharging
UPPO68	26	'43953265_/6621392'	10		10	10	0.96	1.1	10	5.73 No	0.96 Thermal Discharging
UPPO68	27	'9662802_/508871417'	10		10	10	0.96	10	10	5.73 No	0.96 Thermal Discharging
UPPO68	28	'43953278_/43953280'	10		10	10	0.96	1.1	10	5.73 No	0.96 Thermal Discharging
UPPO68	29	'6621358_/6621375'	10		10	10	0.96	1.1	10	5.73 No	0.96 Thermal Discharging
UPPO68	30	'6621357_/6621355'	10		10	10	0.96	1.1	10	5.73 No	0.96 Thermal Discharging
UPPO68	31	'6623601_/6623639'	10		10	10	0.96	1.1	10	5.73 No	0.96 Thermal Discharging
UPPO68	32	'6621341_/6623695'	10		10	10	0.96	1.1	10	5.73 No	0.96 Thermal Discharging
UPPO68	33	'6612714_/6612711'	10		10	10	0.96	1.1	10	5.73 No	0.96 Thermal Discharging
UPPO68	34	'6623602_/6623599'	10		10	10	0.96	1.1	10	5.73 No	0.96 Thermal Discharging
UPPO68	35	'7888153_/508871444'	10		10	10	0.96	10	10	5.73 No	0.96 Thermal Discharging
UPPO68	36	'6621324_/6621338'	10		10	10	0.96	1.1	10	5.73 No	0.96 Thermal Discharging
UPPO68	37	'6623625_/6623622'	10		10	10	0.96	1.1	10	5.73 No	0.96 Thermal Discharging
UPPO68	38	'6621323_/6621321'	10		10	10	0.96	1.1	10	5.73 No	0.96 Thermal Discharging
UPPO68	39	'211411084_/211411047'	10		10	10	0.96	1.1	10	5.73 No	0.96 Thermal Discharging
UPPO68	40	'254362871_/211428303_1'	10		10	10	0.96	1.1	10	5.73 No	0.96 Thermal Discharging
UPPO68	41	'6622801_/6622798_2'	10		10	10	0.96	1.1	10	5.73 No	0.96 Thermal Discharging
UPPO68	42	'7456038_/508871482'	10		10	10	0.96	10	10	5.73 No	0.96 Thermal Discharging
UPPO68	43	'6612731_/6612728'	10		10	10	0.96	1.1	10	5.73 No	0.96 Thermal Discharging
UPPO68	44	'6620177_/6620276_1'	10		10	10	0.96	1.1	10	5.73 No	0.96 Thermal Discharging
UPPO68	45	'7456039_/508871559'	10		10	10	0.96	10	10	5.73 No	0.96 Thermal Discharging
UPPO68	46	'6622841_/6622838'	10		10	10	0.96	1.1	10	5.73 No	0.96 Thermal Discharging
UPPO68	47	'6620253_/6620276_2'	10		10	10	0.96	1.1	10	5.73 No	0.96 Thermal Discharging
UPPO68	48	'7769337_/508871586'	10		10	10	0.96	10	10	5.73 No	0.96 Thermal Discharging
UPPO68	49	'6620193_/6620251'	3.33		3.33	3.33	0.32	0.37	3.33	1.91 No	0.32 Thermal Discharging
UPPO68	50	'7888094_/508871613'	10		10	10	0.96	10	10	5.73 No	0.96 Thermal Discharging
UPPO68	51	'6620206_/6620265'	10		10	10	0.96	1.1	10	5.73 No	0.96 Thermal Discharging
UPPO68	52	'7888093_/508871640'	10		10	10	0.96	10	10	5.73 No	0.96 Thermal Discharging
UPPO68	53	'7769397_/9663016'	10		10	10	0.96	10	10	5.73 No	0.96 Thermal Discharging
UPPO68	54	'43954398_/6620191'	3.33		3.33	3.33	0.32	0.37	3.33	1.91 No	0.32 Thermal Discharging
UPPO68	55	'6620207_/6620204'	10		10	10	0.96	1.1	10	5.73 No	0.96 Thermal Discharging
UPPO68	56	'6620194_/43954400'	3.33		3.33	3.33	0.32	0.37	3.33	1.91 No	0.32 Thermal Discharging
UPPO68	57	'9056497_/9056495'	10		10	10	0.96	10	10	5.73 No	0.96 Thermal Discharging
UPPO68	58	'7454190_/9661474'	10		10	10	0.96	10	10	5.73 No	0.96 Thermal Discharging
UPPO68	59	'6620218_/6620215'	10		10	10	0.96	1.1	10	5.73 No	0.96 Thermal Discharging
UPPO68	60	'7454191_/7454188'	10		10	10	0.96	10	10	5.73 No	0.96 Thermal Discharging
UPPO68	61	'9349131_/9661862'	10		10	10	0.96	10	10	5.73 No	0.96 Thermal Discharging
UPPO68	62	'7454211_/9349128'	10		10	10	0.96	10	10	5.73 No	0.96 Thermal Discharging
UPPO68	63	'7454210_/7454208'	10		10	10	0.96	10	10	5.73 No	0.96 Thermal Discharging
UPPO68	64	'9033610_/9348744'	10		10	10	0.96	10	10	5.73 No	0.96 Thermal Discharging
UPPO68	65	'9033609_/9033607'	10		10	10	0.96	10	10	5.73 No	0.96 Thermal Discharging
UPPO68	66	'8089088_/9661494'	10		10	10	0.96	10	10	5.73 No	0.96 Thermal Discharging
UPPO68	67	'8713610_/9033667'	10		10	10	0.96	10	10	5.73 No	0.96 Thermal Discharging
UPPO68	68	'114846552_/9661094_2'	10		10	10	0.96	10	10	5.73 No	0.96 Thermal Discharging
UPPO68	69	'6583776_/9661094_1'	10		10	10	0.96	10	10	5.73 No	0.96 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
UPPO68	70	'43944540_/_6583793'		10	10	10	0.96	10	10	5.73 No	0.96 Thermal Discharging
UPPO68	71	'6583759_/_6583773'		10	10	10	0.96	10	10	5.73 No	0.96 Thermal Discharging
UPPO68	72	'9033590_/_9661454_2_1'		10	10	10	0.96	10	10	5.73 No	0.96 Thermal Discharging
UPPO68	73	'403873454_/_6583756'		10	10	10	0.96	10	10	5.73 No	0.96 Thermal Discharging
UPPO68	74	'43944811_/_6583810'		10	10	10	0.96	10	10	5.73 No	0.96 Thermal Discharging
UPPO68	75	'9661437_/_9661454_2_2'		10	10	10	0.96	10	10	5.73 No	0.96 Thermal Discharging
UPPO68	76	'423509650_/_6573572_1'		10	10	10	0.96	3.7	10	5.73 No	0.96 Thermal Discharging
UPPO68	77	'419828989_/_69396936'		10	10	10	0.96	10	10	5.73 No	0.96 Thermal Discharging
UPPO68	78	'7454151_/_9661434'		10	10	10	0.96	10	10	5.73 No	0.96 Thermal Discharging
UPPO68	79	'478677665_/_43944800_1'		10	10	10	0.96	1.6	10	5.73 No	0.96 Thermal Discharging
UPPO68	80	'43944824_/_6573572_2'		10	10	10	0.96	3.7	10	5.73 No	0.96 Thermal Discharging
UPPO68	81	'7454150_/_7454148'		10	10	10	0.96	10	10	5.73 No	0.96 Thermal Discharging
UPPO68	82	'62593771_/_62593877'		10	10	10	0.96	10	10	5.73 No	0.96 Thermal Discharging
UPPO68	83	'403838585_/_62593769'		10	10	10	0.96	10	10	5.73 No	0.96 Thermal Discharging
UPPO68	84	'62593795_/_62593793'		10	10	10	0.96	4.7	10	5.73 No	0.96 Thermal Discharging
UPPO68	85	'62593783_/_62593787'		10	10	10	0.96	4.5	10	5.73 No	0.96 Thermal Discharging
UPPO68	86	'62593759_/_62593763'		10	10	10	0.96	10	10	5.73 No	0.96 Thermal Discharging
UPPO68	87	'9066791_/_43944826'		10	10	10	0.96	3.7	10	5.73 No	0.96 Thermal Discharging
UPPO68	88	'7800007_/_7800005_1'		10	10	10	0.96	1.5	10	5.73 No	0.96 Thermal Discharging
UPPO68	89	'65973865_/_65973859'		10	10	10	0.96	4.7	10	5.73 No	0.96 Thermal Discharging
UPPO68	90	'6578623_/_6578620'		10	10	10	0.96	3.7	10	5.73 No	0.96 Thermal Discharging
UPPO68	91	'7800008_/_7800005_2'		10	10	10	0.96	1.5	10	5.73 No	0.96 Thermal Discharging
UPPO68	92	'43944798_/_43944800_2'		10	10	10	0.96	1.6	10	5.73 No	0.96 Thermal Discharging
UPPO68	93	'6578640_/_6578637'		10	10	10	0.96	3.7	10	5.73 No	0.96 Thermal Discharging
UPPO68	94	'6620243_/_6620226'	8.9		10	10	0.96	1.1	10	5.73 No	0.96 Thermal Discharging
UPPO68	95	'43947380_/_6578657'		10	10	10	0.96	3.7	10	5.73 No	0.96 Thermal Discharging
UPPO68	96	'43947394_/_43947382'		10	10	10	0.96	3.7	10	5.73 No	0.96 Thermal Discharging
UPPO68	97	'6578677_/_6581482_1'		10	10	10	0.96	3.7	10	5.73 No	0.96 Thermal Discharging
UPPO68	98	'43947572_/_6581482_2'		10	10	10	0.96	3.7	10	5.73 No	0.96 Thermal Discharging
UPPO68	99	'6573456_/_6573470'		10	10	10	0.96	1.6	10	5.73 No	0.96 Thermal Discharging
UPPO68	100	'9033197_/_62593890'		10	10	10	0.96	4.5	10	5.73 No	0.96 Thermal Discharging
UPPO68	101	'43947407_/_6581499'		10	10	10	0.96	3.7	10	5.73 No	0.96 Thermal Discharging
UPPO68	102	'6578694_/_43947409'		10	10	10	0.96	3.7	10	5.73 No	0.96 Thermal Discharging
UPPO68	103	'6585838_/_6585835'		10	10	10	0.96	3.7	10	5.73 No	0.96 Thermal Discharging
UPPO68	104	'6592482_/_6592497'		10	10	10	0.96	3.7	10	5.73 No	0.96 Thermal Discharging
UPPO68	105	'43948334_/_6592443'		10	10	10	0.96	3.7	10	5.73 No	0.96 Thermal Discharging
UPPO68	106	'65974042_/_65974036'		10	10	10	0.96	4.7	10	5.73 No	0.96 Thermal Discharging
UPPO68	107	'551151542_/_43948349'		10	10	10	0.96	3.7	10	5.73 No	0.96 Thermal Discharging
UPPO68	108	'43948321_/_43948336'		10	10	10	0.96	3.7	10	5.73 No	0.96 Thermal Discharging
UPPO68	109	'62074044_/_62593916'		10	10	10	0.96	4.5	10	5.73 No	0.96 Thermal Discharging
UPPO68	110	'62593638_/_52661796_1'		10	10	10	0.96	4.5	10	5.73 No	0.96 Thermal Discharging
UPPO68	111	'6581519_/_6581516'		10	10	10	0.96	3.7	10	5.73 No	0.96 Thermal Discharging
UPPO68	112	'6573439_/_6573453'		10	10	10	0.96	1.6	10	5.73 No	0.96 Thermal Discharging
UPPO68	113	'435343941_/_62593932_2'		10	10	10	0.96	4.7	10	5.73 No	0.96 Thermal Discharging
UPPO68	114	'6582521_/_62593932_1'		10	10	10	0.96	4.7	10	5.73 No	0.96 Thermal Discharging
UPPO68	115	'43945987_/_6588773'		10	10	10	0.96	3.7	10	5.73 No	0.96 Thermal Discharging
UPPO68	116	'43947705_/_6584525'		10	10	10	0.96	4.7	10	5.73 No	0.96 Thermal Discharging
UPPO68	117	'6582520_/_6582518'		10	10	10	0.96	4.7	10	5.73 No	0.96 Thermal Discharging
UPPO68	118	'434322276_/_43945989'		10	10	10	0.96	3.7	10	5.73 No	0.96 Thermal Discharging
UPPO68	119	'6583401_/_6583429'		10	10	10	0.96	4.7	10	5.73 No	0.96 Thermal Discharging
UPPO68	120	'124648778_/_62073689_2'		10	10	10	0.96	4.7	10	5.73 No	0.96 Thermal Discharging
UPPO68	121	'6588704_/_6588701'		10	10	10	0.96	3.7	10	5.73 No	0.96 Thermal Discharging
UPPO68	122	'65974072_/_62073689_1'		10	10	10	0.96	4.7	10	5.73 No	0.96 Thermal Discharging
UPPO68	123	'43946000_/_6588718'		10	10	10	0.96	3.7	10	5.73 No	0.96 Thermal Discharging
UPPO68	124	'434322256_/_43946054'		10	10	10	0.96	3.7	10	5.73 No	0.96 Thermal Discharging
UPPO68	125	'62073699_/_6583398'		10	10	10	0.96	4.6	10	5.73 No	0.96 Thermal Discharging
UPPO68	126	'88602560_/_6588244_2'	6.67	6.67	6.67	6.67	3	6.67	6.67	3.82 No	0.64 Thermal Discharging
UPPO68	127	'43944785_/_43944787'	8.7		10	10	0.96	1.6	10	5.73 No	0.96 Thermal Discharging
UPPO68	128	'43946013_/_43946002'		10	10	10	0.96	3.7	10	5.73 No	0.96 Thermal Discharging
UPPO68	129	'434322282_/_434322258'	6.67	6.67	6.67	6.67	0.64	2.47	6.67	3.82 No	0.64 Thermal Discharging
UPPO68	130	'43944564_/_43947707'	8.8		10	10	0.96	4.6	10	5.73 No	0.96 Thermal Discharging
UPPO68	131	'43946027_/_43946015'		10	10	10	0.96	3.7	10	5.73 No	0.96 Thermal Discharging
UPPO68	132	'43947880_/_6588244_1'	5.8	6.67	6.67	6.67	0.64	1.5	6.67	3.82 No	0.64 Thermal Discharging
UPPO68	133	'6555969_/_6555966'		10	10	10	0.96	3.7	10	5.73 No	0.96 Thermal Discharging
UPPO68	134	'43948360_/_6592583'		10	10	10	0.96	3.7	10	5.73 No	0.96 Thermal Discharging
UPPO68	135	'6592568_/_43948362'		10	10	10	0.96	3.7	10	5.73 No	0.96 Thermal Discharging
UPPO68	136	'6556581_/_6556612'	6.7		10	10	0.96	1.6	10	5.73 No	0.96 Thermal Discharging
UPPO68	137	'6583386_/_6588229'	5	6.67	6.67	6.67	0.64	1.5	6.67	3.82 No	0.64 Thermal Discharging
UPPO68	138	'6592516_/_6592566'		10	10	10	0.96	3.7	10	5.73 No	0.96 Thermal Discharging
UPPO68	139	'6592551_/_7136019_3'		10	10	10	0.96	3.7	10	5.73 No	0.96 Thermal Discharging
UPPO68	140	'6573009_/_6573006'	6.7		10	10	0.96	3.3	10	5.73 No	0.96 Thermal Discharging
UPPO68	141	'65974094_/_65974066'	6.9		10	10	0.96	4.7	10	5.73 No	0.96 Thermal Discharging
UPPO68	142	'6578025_/_6592514'		10	10	10	0.96	3.7	10	5.73 No	0.96 Thermal Discharging
UPPO68	143	'156402168_/_76666546_2'	6.6		10	10	0.96	4.7	10	5.73 No	0.96 Thermal Discharging
UPPO68	144	'43947250_/_6578023'		10	10	10	0.96	3.7	10	5.73 No	0.96 Thermal Discharging
UPPO68	145	'115401279_/_115401288'	6.3		10	10	0.96	3.3	10	5.73 No	0.96 Thermal Discharging
UPPO68	146	'43947263_/_43947252'		10	10	10	0.96	3.7	10	5.73 No	0.96 Thermal Discharging
UPPO68	147	'6583385_/_6583383'	4.47	6.67	6.67	6.67	0.64	1.5	6.67	3.82 No	0.64 Thermal Discharging
UPPO68	148	'6592534_/_6592531'	6.67	6.67	6.67	6.67	0.64	2.47	6.67	3.82 No	0.64 Thermal Discharging
UPPO68	149	'43944772_/_43944774'	5.8		10	10	0.96	1.6	10	5.73 No	0.96 Thermal Discharging
UPPO68	150	'6577992_/_43947265'		10	10	10	0.96	3.7	10	5.73 No	0.96 Thermal Discharging
UPPO68	151	'6578009_/_6578006'		10	10	10	0.96	3.7	10	5.73 No	0.96 Thermal Discharging
UPPO68	152	'6573026_/_6573023'	5.7		10	10	0.96	3.3	10	5.73 No	0.96 Thermal Discharging
UPPO68	153	'44012308_/_7111614'		10	10	10	0.96	3.7	10	5.73 No	0.96 Thermal Discharging
UPPO68	154	'6895622_/_44012310'		10	10	10	0.96	3.7	10	5.73 No	0.96 Thermal Discharging
UPPO68	155	'404626627_/_7136019_2'	8.5		10	10	0.96	2.2	10	5.73 No	0.96 Thermal Discharging
UPPO68	156	'6573421_/_6573419'	5.3		10	10	0.96	1.6	10	5.73 No	0.96 Thermal Discharging
UPPO68	157	'6895623_/_6895620_1'		10	10	10	0.96	1.5	10	5.73 No	0.96 Thermal Discharging
UPPO68	158	'44012297_/_6895620_2'		10	10	10	0.96	1.5	10	5.73 No	0.96 Thermal Discharging
UPPO68	159	'43947868_/_43947870'	3.93	6.67	6.67	6.67	0.64	1.5	6.67	3.82 No	0.64 Thermal Discharging
UPPO68	160	'6573042_/_6585424'	5.2		10	10	0.96	3.3	10	5.73 No	0.96 Thermal Discharging
UPPO68	161	'6895609_/_44012299'	7.8		10	10	0.96	1.5	10	5.73 No	0.96 Thermal Discharging
UPPO68	162	'6582411_/_6582425'	4.7		10	10	0.96	1.6	10	5.73 No	0.96 Thermal Discharging
UPPO68	163	'6583451_/_6588259'	3.53	6.67	6.67	6.67	0.64	1.5	6.67	3.82 No	0.64 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over- Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
UPPO68	164	'6573043_/_6573040'		4.8	10	10	0.96	3.3	10	5.73 No	0.96 Thermal Discharging
UPPO68	165	'6574822_/_6574819'		4.6	10	10	0.96	3.3	10	5.73 No	0.96 Thermal Discharging
UPPO68	166	'6895507_/_6895607'		2.2	3.33	3.33	0.32	0.5	3.33	1.91 No	0.32 Thermal Discharging
UPPO68	167	'44011531_/_6895653'		2.77	3.33	3.33	0.32	0.5	3.33	1.91 No	0.32 Thermal Discharging
UPPO68	168	'6583452_/_6583449'		3.27	6.67	6.67	0.64	1.5	6.67	3.82 No	0.64 Thermal Discharging
UPPO68	169	'6895669_/_44011533'		2.87	3.33	3.33	0.32	0.5	3.33	1.91 No	0.32 Thermal Discharging
UPPO68	170	'43944759_/_43944761'		4.2	10	10	0.96	1.6	10	5.73 No	0.96 Thermal Discharging
UPPO68	171	'6574839_/_6574836'		4.2	10	10	0.96	3.3	10	5.73 No	0.96 Thermal Discharging
UPPO68	172	'6583467_/_6583464'		3	6.67	6.67	0.64	1.5	6.67	3.82 No	0.64 Thermal Discharging
UPPO68	173	'6573388_/_6573402'		3.9	10	10	0.96	1.6	10	5.73 No	0.96 Thermal Discharging
UPPO68	174	'6895468_/_6895505'		1.83	3.33	3.33	0.32	0.5	3.33	1.91 No	0.32 Thermal Discharging
UPPO68	175	'43945437_/_6574853'		3.9	10	10	0.96	3.3	10	5.73 No	0.96 Thermal Discharging
UPPO68	176	'6894011_/_6895521'		1.83	3.33	3.33	0.32	0.5	3.33	1.91 No	0.32 Thermal Discharging
UPPO68	177	'43947856_/_6583479'		2.87	6.67	6.67	0.64	1.5	6.67	3.82 No	0.64 Thermal Discharging
UPPO68	178	'44011617_/_6894009'		1.87	3.33	3.33	0.32	0.5	3.33	1.91 No	0.32 Thermal Discharging
UPPO68	179	'6573371_/_6573385'		3.7	10	10	0.96	1.6	10	5.73 No	0.96 Thermal Discharging
UPPO68	180	'6893957_/_6893954'		1.9	3.33	3.33	0.32	0.5	3.33	1.91 No	0.32 Thermal Discharging
UPPO68	181	'44011520_/_6895679'		2.43	3.33	3.33	0.32	0.5	3.33	1.91 No	0.32 Thermal Discharging
UPPO68	182	'6893970_/_6893967'		1.9	3.33	3.33	0.32	0.5	3.33	1.91 No	0.32 Thermal Discharging
UPPO68	183	'44013310_/_6898882'		1.93	3.33	3.33	0.32	0.5	3.33	1.91 No	0.32 Thermal Discharging
UPPO68	184	'6898871_/_6898869_1'		1.93	3.33	3.33	0.32	0.5	3.33	1.91 No	0.32 Thermal Discharging
UPPO68	185	'6898845_/_6898869_2'		1.97	3.33	3.33	0.32	0.5	3.33	1.91 No	0.32 Thermal Discharging
UPPO68	186	'479198226_/_6898843'		1.97	3.33	3.33	0.32	0.5	3.33	1.91 No	0.32 Thermal Discharging
UPPO68	187	'6591583_/_43945439'		3.5	10	10	0.96	3.2	10	5.73 No	0.96 Thermal Discharging
UPPO68	188	'6583355_/_43947845'		2.6	6.67	6.67	0.64	1.5	6.67	3.82 No	0.64 Thermal Discharging
UPPO68	189	'6573354_/_6573368'		3.4	10	10	0.96	1.6	10	5.73 No	0.96 Thermal Discharging
UPPO68	190	'479198263_/_479198251'		2	3.33	3.33	0.32	0.5	3.33	1.91 No	0.32 Thermal Discharging
UPPO68	191	'479198271_/_479198199'		2	3.33	3.33	0.32	0.5	3.33	1.91 No	0.32 Thermal Discharging
UPPO68	192	'44011509_/_6895579'		2.1	3.33	3.33	0.32	0.5	3.33	1.91 No	0.32 Thermal Discharging
UPPO68	193	'6574872_/_6591597'		3.3	10	10	0.96	3.2	10	5.73 No	0.96 Thermal Discharging
UPPO68	194	'44011639_/_6895437'		1.73	3.33	3.33	0.32	0.5	3.33	1.91 No	0.32 Thermal Discharging
UPPO68	195	'6583342_/_6583352'		1.3	3.33	3.33	0.32	0.75	3.33	1.91 No	0.32 Thermal Discharging
UPPO68	196	'6574873_/_6574870'		3.2	10	10	0.96	3.2	10	5.73 No	0.96 Thermal Discharging
UPPO68	197	'43944733_/_6573351'		3.1	10	10	0.96	1.6	10	5.73 No	0.96 Thermal Discharging
UPPO68	198	'720295232_/_64424150_2'		3.1	10	10	0.96	1.6	10	5.73 No	0.96 Thermal Discharging
UPPO68	199	'6895540_/_6895537'		1.87	3.33	3.33	0.32	0.5	3.33	1.91 No	0.32 Thermal Discharging
UPPO68	200	'64424143_/_64424150_1'		3.1	10	10	0.96	0.9	10	5.73 No	0.9 Element Fault
UPPO68	201	'6574890_/_6574887'		3	10	10	0.96	3.2	10	5.73 No	0.96 Thermal Discharging
UPPO68	202	'6895556_/_6895553'		1.8	3.33	3.33	0.32	0.5	3.33	1.91 No	0.32 Thermal Discharging
UPPO68	203	'6893982_/_44011641'		1.53	3.33	3.33	0.32	0.5	3.33	1.91 No	0.32 Thermal Discharging
UPPO68	204	'6572996_/_6583339'		1.33	3.33	3.33	0.32	0.75	3.33	1.91 No	0.32 Thermal Discharging
UPPO68	205	'6575369_/_6575366'		3	10	10	0.96	3.2	10	5.73 No	0.96 Thermal Discharging
UPPO68	206	'43945450_/_6574904'		2.9	10	10	0.96	3.2	10	5.73 No	0.96 Thermal Discharging
UPPO68	207	'6572983_/_6572993'		1.33	3.33	3.33	0.32	0.75	3.33	1.91 No	0.32 Thermal Discharging
UPPO68	208	'6574907_/_6574921_1'		2.9	10	10	0.96	3.2	10	5.73 No	0.96 Thermal Discharging
UPPO68	209	'43944719_/_43944721'		2.9	10	10	0.96	1.6	10	5.73 No	0.96 Thermal Discharging
UPPO68	210	'6895569_/_6895566'		1.67	3.33	3.33	0.32	0.5	3.33	1.91 No	0.32 Thermal Discharging
UPPO68	211	'6575386_/_6575383'		2.9	10	10	0.96	3.2	10	5.73 No	0.96 Thermal Discharging
UPPO68	212	'67916756_/_6899910'		1.6	3.33	3.33	0.32	0.5	3.33	1.91 No	0.32 Thermal Discharging
UPPO68	213	'6893983_/_6893980'		1.33	3.33	3.33	0.32	0.5	3.33	1.91 No	0.32 Thermal Discharging
UPPO68	214	'6574924_/_6574921_2'		2.8	10	10	0.96	3.2	10	5.73 No	0.96 Thermal Discharging
UPPO68	215	'43944706_/_43944708'		2.7	10	10	0.96	1.6	10	5.73 No	0.96 Thermal Discharging
UPPO68	216	'43944553_/_43944555'		1.23	3.33	3.33	0.32	0.75	3.33	1.91 No	0.32 Thermal Discharging
UPPO68	217	'6575264_/_6575400'		2.7	10	10	0.96	3.2	10	5.73 No	0.96 Thermal Discharging
UPPO68	218	'6572970_/_6572967_2'		1.23	3.33	3.33	0.32	0.75	3.33	1.91 No	0.32 Thermal Discharging
UPPO68	219	'6575423_/_6575420'		2.7	10	10	0.96	3.2	10	5.73 No	0.96 Thermal Discharging
UPPO68	220	'6899913_/_67916715'		1.5	3.33	3.33	0.32	0.5	3.33	1.91 No	0.32 Thermal Discharging
UPPO68	221	'6573333_/_6573331'		2.6	10	10	0.96	1.6	10	5.73 No	0.96 Thermal Discharging
UPPO68	222	'6574941_/_6574938'		2.6	10	10	0.96	3.2	10	5.73 No	0.96 Thermal Discharging
UPPO68	223	'6575247_/_6575261'		2.6	10	10	0.96	3.2	10	5.73 No	0.96 Thermal Discharging
UPPO68	224	'6893996_/_6893993'		1.2	3.33	3.33	0.32	0.5	3.33	1.91 No	0.32 Thermal Discharging
UPPO68	225	'6572957_/_6572967_1'		1.17	3.33	3.33	0.32	0.75	3.33	1.91 No	0.32 Thermal Discharging
UPPO68	226	'6575440_/_6575437'		2.6	10	10	0.96	3.2	10	5.73 No	0.96 Thermal Discharging
UPPO68	227	'7134981_/_7134978'		1.47	3.33	3.33	0.32	0.5	3.33	1.91 No	0.32 Thermal Discharging
UPPO68	228	'8116682_/_8116680_1'		1.47	3.33	3.33	0.32	0.3	3.33	1.91 No	0.3 Element Fault
UPPO68	229	'43944746_/_43944748'		2.5	10	10	0.96	1.6	10	5.73 No	0.96 Thermal Discharging
UPPO68	230	'541232779_/_541232776'		2.5	10	10	0.96	1.6	10	5.73 No	0.96 Thermal Discharging
UPPO68	231	'43945463_/_6574955'		2.5	10	10	0.96	3.2	10	5.73 No	0.96 Thermal Discharging
UPPO68	232	'43945588_/_6575278'		2.5	10	10	0.96	3.1	10	5.73 No	0.96 Thermal Discharging
UPPO68	233	'6575480_/_6575477'		0.87	3.33	3.33	0.32	1	3.33	1.91 No	0.32 Thermal Discharging
UPPO68	234	'541232811_/_541232793'		2.5	10	10	0.96	1.6	10	5.73 No	0.96 Thermal Discharging
UPPO68	235	'6572944_/_6572954'		1.13	3.33	3.33	0.32	0.75	3.33	1.91 No	0.32 Thermal Discharging
UPPO68	236	'6575230_/_6575244'		2.5	10	10	0.96	3.2	10	5.73 No	0.96 Thermal Discharging
UPPO68	237	'8116683_/_8116680_2'		1.37	3.33	3.33	0.32	0.3	3.33	1.91 No	0.3 Element Fault
UPPO68	238	'6575463_/_6575460'		2.4	10	10	0.96	3.2	10	5.73 No	0.96 Thermal Discharging
UPPO68	239	'541232830_/_541232808'		2.4	10	10	0.96	1.6	10	5.73 No	0.96 Thermal Discharging
UPPO68	240	'6575298_/_43945590'		2.4	10	10	0.96	3.1	10	5.73 No	0.96 Thermal Discharging
UPPO68	241	'6574975_/_43945465'		2.4	10	10	0.96	3.2	10	5.73 No	0.96 Thermal Discharging
UPPO68	242	'541232829_/_541232827'		2.4	10	10	0.96	1.6	10	5.73 No	0.96 Thermal Discharging
UPPO68	243	'6572943_/_6572941'		2.1	3.33	3.33	0.32	0.75	3.33	1.91 No	0.32 Thermal Discharging
UPPO68	244	'6574992_/_6574989'		1.3	10	10	0.96	3.2	10	5.73 No	0.96 Thermal Discharging
UPPO68	245	'8088695_/_8088692_2'		1.53	6.67	6.67	0.64	2.13	6.67	3.82 No	0.64 Thermal Discharging
UPPO68	246	'541232848_/_541232846'		2.3	10	10	0.96	1.6	10	5.73 No	0.96 Thermal Discharging
UPPO68	247	'43945575_/_43945577'		2.3	10	10	0.96	3.2	10	5.73 No	0.96 Thermal Discharging
UPPO68	248	'6575009_/_6575006'		2.3	10	10	0.96	3.1	10	5.73 No	0.96 Thermal Discharging
UPPO68	249	'7886349_/_8088692_1'		1.53	6.67	6.67	0.64	1	6.67	3.82 No	0.64 Thermal Discharging
UPPO68	250	'6575318_/_6575315'		2.3	10	10	0.96	3.1	10	5.73 No	0.96 Thermal Discharging
UPPO68	251	'541232871_/_541232869'		2.3	10	10	0.96	1.6	10	5.73 No	0.96 Thermal Discharging
UPPO68	252	'7886350_/_7886347'		1.47	6.67	6.67	0.64	1	6.67	3.82 No	0.64 Thermal Discharging
UPPO68	253	'43945601_/_6575332'		2.2	10	10	0.96	3.1	10	5.73 No	0.96 Thermal Discharging
UPPO68	254	'541232888_/_541232886'		2.2	10	10	0.96	1.6	10	5.73 No	0.96 Thermal Discharging
UPPO68	255	'6575212_/_6575210'		2.2	10	10	0.96	3.2	10	5.73 No	0.96 Thermal Discharging
UPPO68	256	'6576972_/_541232901_1'		2.2	10	10	0.96	1.6	10	5.73 No	0.96 Thermal Discharging
UPPO68	257	'6576769_/_6580308'		1	3.33	3.33	0.32	0.75	3.33	1.91 No	0.32 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
											VSR (MW)	Limiting Threshold
UPPO68	258	'541232903_/_541232901_2'		2.1	10	10	0.96	1.6	10	5.73 No	0.96	Thermal Discharging
UPPO68	259	'6575352_/_43945603'		2.1	10	10	0.96	3.1	10	5.73 No	0.96	Thermal Discharging
UPPO68	260	'6576768_/_6576766'		0.97	3.33	3.33	0.32	0.75	3.33	1.91 No	0.32	Thermal Discharging
UPPO68	261	'6576946_/_541232916'		2.1	10	10	0.96	1.6	10	5.73 No	0.96	Thermal Discharging
UPPO68	262	'6581716_/_6581730'		2.1	10	10	0.96	3.2	10	5.73 No	0.96	Thermal Discharging
UPPO68	263	'6589734_/_6589731'		2.1	10	10	0.96	3.1	10	5.73 No	0.96	Thermal Discharging
UPPO68	264	'541232963_/_541232961'		2.1	10	10	0.96	1.6	10	5.73 No	0.96	Thermal Discharging
UPPO68	265	'6581715_/_6581713'		2	10	10	0.96	3.1	10	5.73 No	0.96	Thermal Discharging
UPPO68	266	'6589754_/_6589751'		1.33	6.67	6.67	0.64	2.07	6.67	3.82 No	0.64	Thermal Discharging
UPPO68	267	'43948204_/_6591627'		0.93	3.33	3.33	0.32	0.75	3.33	1.91 No	0.32	Thermal Discharging
UPPO68	268	'6576917_/_541232976'		2	10	10	0.96	1.6	10	5.73 No	0.96	Thermal Discharging
UPPO68	269	'6576756_/_6591614'		0.9	3.33	3.33	0.32	0.75	3.33	1.91 No	0.32	Thermal Discharging
UPPO68	270	'43947598_/_6581747'		1.9	10	10	0.96	3.1	10	5.73 No	0.96	Thermal Discharging
UPPO68	271	'76667343_/_9033707_2'		1.9	10	10	0.96	3.1	10	5.73 No	0.96	Thermal Discharging
UPPO68	272	'6576743_/_6576753'		0.9	3.33	3.33	0.32	0.75	3.33	1.91 No	0.32	Thermal Discharging
UPPO68	273	'43946585_/_6576914'		0.67	3.33	3.33	0.32	0.53	3.33	1.91 No	0.32	Thermal Discharging
UPPO68	274	'6590493_/_6591001'		1.27	6.67	6.67	0.64	2.07	6.67	3.82 No	0.64	Thermal Discharging
UPPO68	275	'8714170_/_9349056'		1.27	6.67	6.67	0.64	2.07	6.67	3.82 No	0.64	Thermal Discharging
UPPO68	276	'76667415_/_6590558'		1.27	6.67	6.67	0.64	2.07	6.67	3.82 No	0.64	Thermal Discharging
UPPO68	277	'6590561_/_9033799_2'		0.63	3.33	3.33	0.32	1.03	3.33	1.91 No	0.32	Thermal Discharging
UPPO68	278	'6576903_/_6576901'		0.67	3.33	3.33	0.32	0.53	3.33	1.91 No	0.32	Thermal Discharging
UPPO68	279	'7453799_/_9033707_1'		1.9	10	10	0.96	1.4	10	5.73 No	0.96	Thermal Discharging
UPPO68	280	'43946529_/_43946531'		0.87	3.33	3.33	0.32	0.75	3.33	1.91 No	0.32	Thermal Discharging
UPPO68	281	'6585788_/_6590490'		0.63	3.33	3.33	0.32	1.03	3.33	1.91 No	0.32	Thermal Discharging
UPPO68	282	'6556373_/_7453796_2'		0.63	3.33	3.33	0.32	0.47	3.33	1.91 No	0.32	Thermal Discharging
UPPO68	283	'43947622_/_6581796'		0.67	3.33	3.33	0.32	0.53	3.33	1.91 No	0.32	Thermal Discharging
UPPO68	284	'8714171_/_8714168'		1.2	6.67	6.67	0.64	2.07	6.67	3.82 No	0.64	Thermal Discharging
UPPO68	285	'59164562_/_7453796_1'		0.63	3.33	3.33	0.32	0.3	3.33	1.91 No	0.3	Element Fault
UPPO68	286	'6556374_/_43945681'		0.63	3.33	3.33	0.32	0.3	3.33	1.91 No	0.3	Element Fault
UPPO68	287	'43947621_/_6581780'		0.67	3.33	3.33	0.32	0.53	3.33	1.91 No	0.32	Thermal Discharging
UPPO68	288	'6588827_/_6588837'		0.83	3.33	3.33	0.32	0.75	3.33	1.91 No	0.32	Thermal Discharging
UPPO68	289	'43945690_/_43945692'		0.6	3.33	3.33	0.32	1.03	3.33	1.91 No	0.32	Thermal Discharging
UPPO68	290	'9033802_/_9033799_1'		0.63	3.33	3.33	0.32	0.4	3.33	1.91 No	0.32	Thermal Discharging
UPPO68	291	'6576730_/_6588824'		0.8	3.33	3.33	0.32	0.75	3.33	1.91 No	0.32	Thermal Discharging
UPPO68	292	'6585787_/_6585785'		0.57	3.33	3.33	0.32	1.03	3.33	1.91 No	0.32	Thermal Discharging
UPPO68	293	'43946518_/_43946520'		0.77	3.33	3.33	0.32	0.75	3.33	1.91 No	0.32	Thermal Discharging
UPPO68	294	'43946507_/_43946509'		0.77	3.33	3.33	0.32	0.75	3.33	1.91 No	0.32	Thermal Discharging
UPPO68	295	'6576691_/_6576701'		0.73	3.33	3.33	0.32	0.75	3.33	1.91 No	0.32	Thermal Discharging
UPPO68	296	'6576678_/_6576688'		0.7	3.33	3.33	0.32	0.75	3.33	1.91 No	0.32	Thermal Discharging
UPPO68	297	'43946496_/_6576675'		0.7	3.33	3.33	0.32	0.75	3.33	1.91 No	0.32	Thermal Discharging
UPPO68	298	'6576649_/_6576662'		0.67	3.33	3.33	0.32	0.75	3.33	1.91 No	0.32	Thermal Discharging
UPPO68	299	'6576636_/_6576646'		0.63	3.33	3.33	0.32	0.75	3.33	1.91 No	0.32	Thermal Discharging
UPPO68	300	'6576635_/_6576633'		0.63	3.33	3.33	0.32	0.75	3.33	1.91 No	0.32	Thermal Discharging
UPPO69	0	'UPPO69_/_126267347'		10	10	10	0.39	10	10	10 No	0.39	Thermal Discharging
UPPO69	1	'126267338_/_126267347'		10	10	10	0.39	10	10	9.98 No	0.39	Thermal Discharging
UPPO69	2	'126267366_/_126267375'		10	10	10	0.39	10	10	9.98 No	0.39	Thermal Discharging
UPPO69	3	'126267405_/_126267414'		10	10	10	0.39	10	10	9.98 No	0.39	Thermal Discharging
UPPO69	4	'126267433_/_126267442'		10	10	10	0.39	10	10	9.98 No	0.39	Thermal Discharging
UPPO69	5	'126267461_/_126267470'		10	10	10	0.39	10	10	9.98 No	0.39	Thermal Discharging
UPPO69	6	'126267489_/_126267498'		10	10	10	0.39	10	10	9.98 No	0.39	Thermal Discharging
UPPO69	7	'126267517_/_126267526'		10	10	10	0.39	10	10	9.98 No	0.39	Thermal Discharging
UPPO69	8	'58111214_/_126267578'		10	10	10	0.39	10	10	9.98 No	0.39	Thermal Discharging
UPPO69	9	'126267600_/_126267609'		10	10	10	0.39	10	10	9.98 No	0.39	Thermal Discharging
UPPO69	10	'126267628_/_126267637'		10	10	10	0.39	10	10	9.98 No	0.39	Thermal Discharging
UPPO69	11	'729099034_/_126267674'		10	10	10	0.39	10	10	9.98 No	0.39	Thermal Discharging
UPPO69	12	'729098825_/_126267064'		10	10	10	0.39	10	10	9.98 No	0.39	Thermal Discharging
UPPO69	13	'729099038_/_126267071'		10	10	10	0.39	10	10	9.98 No	0.39	Thermal Discharging
UPPO69	14	'729099026_/_126267050'		10	10	10	0.39	10	10	9.98 No	0.39	Thermal Discharging
UPPO69	15	'729099030_/_126267057'		10	10	10	0.39	10	10	9.98 No	0.39	Thermal Discharging
UPPO69	16	'739912244_/_739912179'		10	10	10	0.39	10	10	9.98 No	0.39	Thermal Discharging
UPPO69	17	'739912479_/_739912446'		10	10	10	0.39	10	10	9.98 No	0.39	Thermal Discharging
UPPO69	18	'739912284_/_739912267'		10	10	10	0.39	10	10	9.98 No	0.39	Thermal Discharging
UPPO69	19	'739912532_/_739912487'		10	10	10	0.39	10	10	9.98 No	0.39	Thermal Discharging
UPPO69	20	'739911731_/_739912594'		10	10	10	0.39	10	10	9.98 No	0.39	Thermal Discharging
UPPO69	21	'37994628_/_739912408'		10	10	10	0.39	10	10	9.98 No	0.39	Thermal Discharging
UPPO69	22	'37994629_/_37994626'		10	10	10	0.39	10	10	9.98 No	0.39	Thermal Discharging
UPPO69	23	'445380421_/_445380424'		10	10	10	0.39	10	10	9.98 No	0.39	Thermal Discharging
UPPO69	24	'211981532_/_302300333'		10	10	10	0.39	10	10	9.98 No	0.39	Thermal Discharging
UPPO81	0	'UPPO81_/_7465265'		10	10	10	1.17	10	10	10 No	1.17	Thermal Discharging
UPPO81	1	'7465207_/_7465265'		10	10	10	1.17	10	10	5.31 No	1.17	Thermal Discharging
UPPO81	2	'58111903_/_7465205'		10	10	10	1.17	10	10	5.31 No	1.17	Thermal Discharging
UPPO81	3	'58111924_/_7779401'		10	10	10	1.17	10	10	5.31 No	1.17	Thermal Discharging
UPPO81	4	'58111949_/_58111921'		10	10	10	1.17	10	10	5.31 No	1.17	Thermal Discharging
UPPO81	5	'581112129_/_58111946'		10	10	10	1.17	10	10	5.31 No	1.17	Thermal Discharging
UPPO81	6	'58112108_/_58112126'		10	10	10	1.17	10	10	5.31 No	1.17	Thermal Discharging
UPPO81	7	'58112087_/_58112105'		10	10	10	1.17	10	10	5.31 No	1.17	Thermal Discharging
UPPO81	8	'58112066_/_58112084'		10	10	10	1.17	10	10	5.31 No	1.17	Thermal Discharging
UPPO81	9	'58112045_/_58112063'		10	10	10	1.17	10	10	5.31 No	1.17	Thermal Discharging
UPPO81	10	'58112024_/_58112042'		10	10	10	1.17	10	10	5.31 No	1.17	Thermal Discharging
UPPO81	11	'58112003_/_58112021'		10	10	10	1.17	10	10	5.31 No	1.17	Thermal Discharging
UPPO81	12	'58111982_/_58112000'		10	10	10	1.17	10	10	5.31 No	1.17	Thermal Discharging
UPPO81	13	'58112179_/_58111979'		10	10	10	1.17	10	10	5.31 No	1.17	Thermal Discharging
UPPO81	14	'9029603_/_9029601'		10	10	10	1.17	10	10	5.31 No	1.17	Thermal Discharging
UPPO81	15	'7450569_/_9342240'		10	10	10	1.17	10	10	5.31 No	1.17	Thermal Discharging
UPPO81	16	'7450568_/_7450566'		10	10	10	1.17	10	10	5.31 No	1.17	Thermal Discharging
UPPO81	17	'7763116_/_7763133'		10	10	10	1.17	10	10	5.31 No	1.17	Thermal Discharging
UPPO81	18	'64095015_/_64095012'		10	10	10	1.17	10	10	5.31 No	1.17	Thermal Discharging
UPPO81	19	'211981415_/_211981475'		10	10	10	1.17	10	10	5.31 No	1.17	Thermal Discharging
UPPO81	20	'211982134_/_211981413'		10	10	10	1.17	10	10	5.31 No	1.17	Thermal Discharging
UPPO81	21	'143675315_/_143675349'		10	10	10	1.17	10	10	5.31 No	1.17	Thermal Discharging
UPPO81	22	'7763115_/_7763113'		10	10	10	1.17	10	10	5.31 No	1.17	Thermal Discharging
UPPO81	23	'9341515_/_9656297'		10	10	10	1.17	10	10	5.31 No	1.17	Thermal Discharging
UPPO81	24	'722818351_/_722818356'		10	10	10	1.17	10	10	5.31 No	1.17	Thermal Discharging
UPPO81	25	'8084510_/_9341512'		10	10	10	1.17	10	10	5.31 No	1.17	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
UPP081	26	'8084509_/_8084507'	10	10	10	1.17	10	10	5.31 No	1.17	Thermal Discharging
UPP081	27	'7762796_/_8708798'	10	10	10	1.17	10	10	5.31 No	1.17	Thermal Discharging
UPP081	28	'7762795_/_7762793'	10	10	10	1.17	10	10	5.31 No	1.17	Thermal Discharging
UPP081	29	'7449671_/_9656197'	10	10	10	1.17	10	10	5.31 No	1.17	Thermal Discharging
UPP081	30	'7449670_/_7449668'	10	10	10	1.17	10	10	5.31 No	1.17	Thermal Discharging
UPP081	31	'7763520_/_8084387'	10	10	10	1.17	10	10	5.31 No	1.17	Thermal Discharging
UPP081	32	'7763519_/_7763517'	10	10	10	1.17	10	10	5.31 No	1.17	Thermal Discharging
UPP081	33	'7450628_/_8400080'	10	10	10	1.17	10	10	5.31 No	1.17	Thermal Discharging
UPP081	34	'7450629_/_7450626'	10	10	10	1.17	10	10	5.31 No	1.17	Thermal Discharging
UPP081	35	'37974958_/_8085235'	10	10	10	1.17	10	10	5.31 No	1.17	Thermal Discharging
UPP081	36	'405199925_/_37974955'	10	10	10	1.17	10	10	5.31 No	1.17	Thermal Discharging
UPP081	37	'405199942_/_37974969'	10	10	10	1.17	10	10	5.31 No	1.17	Thermal Discharging
UPP081	38	'37974986_/_37974983'	10	10	10	1.17	10	10	5.31 No	1.17	Thermal Discharging
UPP081	39	'37974944_/_37974941'	10	10	10	1.17	4.7	10	5.31 No	1.17	Thermal Discharging
UPP081	40	'7763955_/_9342320'	10	10	10	1.17	4.7	10	5.31 No	1.17	Thermal Discharging
UPP081	41	'7763016_/_8085255'	10	10	10	1.17	10	10	5.31 No	1.17	Thermal Discharging
UPP081	42	'7762996_/_7763013_2'	10	10	10	1.17	10	10	5.31 No	1.17	Thermal Discharging
UPP081	43	'6430014_/_7763013_1'	10	10	10	1.17	10	10	5.31 No	1.17	Thermal Discharging
UPP081	44	'435599377_/_435599379'	10	10	10	1.17	10	10	5.31 No	1.17	Thermal Discharging
UPP081	45	'43915802_/_435599459'	10	10	10	1.17	10	10	5.31 No	1.17	Thermal Discharging
UPP081	46	'6429997_/_6429994_2'	10	10	10	1.17	10	10	5.31 No	1.17	Thermal Discharging
UPP081	47	'6427469_/_6430028'	10	10	10	1.17	10	10	5.31 No	1.17	Thermal Discharging
UPP081	48	'435599524_/_435599477_1'	3.33	3.33	3.33	0.39	0.4	3.33	1.77 No	0.39	Thermal Discharging
UPP081	49	'6427470_/_6428787_1'	10	10	10	1.17	1.5	10	5.31 No	1.17	Thermal Discharging
UPP081	50	'6430048_/_6430045'	10	10	10	1.17	10	10	5.31 No	1.17	Thermal Discharging
UPP081	51	'426637177_/_6427484_1'	10	10	10	1.17	1.4	10	5.31 No	1.17	Thermal Discharging
UPP081	52	'43915851_/_6427484_2'	10	10	10	1.17	1.4	10	5.31 No	1.17	Thermal Discharging
UPP081	53	'118733794_/_118733404'	10	10	10	1.17	10	10	5.31 No	1.17	Thermal Discharging
UPP081	54	'43915815_/_6428787_2'	10	10	10	1.17	1.5	10	5.31 No	1.17	Thermal Discharging
UPP081	55	'118733935_/_118733480_1'	10	10	10	1.17	1.4	10	5.31 No	1.17	Thermal Discharging
UPP081	56	'6427503_/_6430062'	10	10	10	1.17	10	10	5.31 No	1.17	Thermal Discharging
UPP081	57	'118733853_/_118733480_2'	10	10	10	1.17	1.4	10	5.31 No	1.17	Thermal Discharging
UPP081	58	'6427537_/_6430079'	10	10	10	1.17	10	10	5.31 No	1.17	Thermal Discharging
UPP081	59	'639618690_/_6430096'	10	10	10	1.17	10	10	5.31 No	1.17	Thermal Discharging
UPP081	60	'6427504_/_6427501_1'	10	10	10	1.17	1.4	10	5.31 No	1.17	Thermal Discharging
UPP081	61	'639618797_/_639618737_2'	10	10	10	1.17	5.2	10	5.31 No	1.17	Thermal Discharging
UPP081	62	'6428734_/_639618694'	10	10	10	1.17	10	10	5.31 No	1.17	Thermal Discharging
UPP081	63	'6427521_/_6427501_2'	10	10	10	1.17	1.4	10	5.31 No	1.17	Thermal Discharging
UPP081	64	'6427453_/_6427450'	10	10	10	1.17	1.5	10	5.31 No	1.17	Thermal Discharging
UPP081	65	'6427538_/_6427535'	6.67	6.67	6.67	0.78	3	6.67	3.54 No	0.78	Thermal Discharging
UPP081	66	'7763939_/_7763953'	10	10	10	1.17	4.7	10	5.31 No	1.17	Thermal Discharging
UPP081	67	'392802134_/_6428732_1'	10	10	10	1.17	1.4	10	5.31 No	1.17	Thermal Discharging
UPP081	68	'6436534_/_6436547'	10	10	10	1.17	1.4	10	5.31 No	1.17	Thermal Discharging
UPP081	69	'6437335_/_6437332_1'	10	10	10	1.17	10	10	5.31 No	1.17	Thermal Discharging
UPP081	70	'43915838_/_6437332_2'	10	10	10	1.17	10	10	5.31 No	1.17	Thermal Discharging
UPP081	71	'43915032_/_43915840'	10	10	10	1.17	10	10	5.31 No	1.17	Thermal Discharging
UPP081	72	'8399923_/_8710914_1'	10	10	10	1.17	1.5	10	5.31 No	1.17	Thermal Discharging
UPP081	73	'43915045_/_6437366'	10	10	10	1.17	10	10	5.31 No	1.17	Thermal Discharging
UPP081	74	'6428701_/_6428698'	10	10	10	1.17	1.4	10	5.31 No	1.17	Thermal Discharging
UPP081	75	'122392694_/_118733695'	10	10	10	1.17	1.4	10	5.31 No	1.17	Thermal Discharging
UPP081	76	'6428718_/_6428715'	6.67	6.67	6.67	0.78	3	6.67	3.54 No	0.78	Thermal Discharging
UPP081	77	'8710917_/_8710914_2'	10	10	10	1.17	1.5	10	5.31 No	1.17	Thermal Discharging
UPP081	78	'639618390_/_639618737_1'	10	10	10	1.17	1	10	5.31 No	1	Element Fault
UPP081	79	'67489818_/_6430826'	10	10	10	1.17	10	10	5.31 No	1.17	Thermal Discharging
UPP081	80	'6429513_/_67489815'	10	10	10	1.17	10	10	5.31 No	1.17	Thermal Discharging
UPP081	81	'6429514_/_6429528_1'	10	10	10	1.17	1	10	5.31 No	1	Element Fault
UPP081	82	'6430846_/_6430843'	10	10	10	1.17	10	10	5.31 No	1.17	Thermal Discharging
UPP081	83	'6428735_/_6428732_2'	10	10	10	1.17	1.4	10	5.31 No	1.17	Thermal Discharging
UPP081	84	'639618860_/_575424600_1'	10	10	10	1.17	1	10	5.31 No	1	Element Fault
UPP081	85	'639618435_/_575424600_2'	10	10	10	1.17	1	10	5.31 No	1	Element Fault
UPP081	86	'507602901_/_6430860'	10	10	10	1.17	10	10	5.31 No	1.17	Thermal Discharging
UPP081	87	'6430115_/_507602905'	10	10	10	1.17	10	10	5.31 No	1.17	Thermal Discharging
UPP081	88	'6436535_/_43915866'	6.67	6.67	6.67	0.78	0.93	6.67	3.54 No	0.78	Thermal Discharging
UPP081	89	'6430116_/_6430113'	10	10	10	1.17	10	10	5.31 No	1.17	Thermal Discharging
UPP081	90	'639618415_/_6427550'	10	10	10	1.17	1	10	5.31 No	1	Element Fault
UPP081	91	'6429531_/_6429528_2'	10	10	10	1.17	1	10	5.31 No	1	Element Fault
UPP081	92	'6430133_/_6430130'	10	10	10	1.17	10	10	5.31 No	1.17	Thermal Discharging
UPP081	93	'8083913_/_8083911_1'	10	10	10	1.17	0.9	10	5.31 No	0.9	Element Fault
UPP081	94	'6430150_/_6430147'	10	10	10	1.17	10	10	5.31 No	1.17	Thermal Discharging
UPP081	95	'6428684_/_6428681'	10	10	10	1.17	1	10	5.31 No	1	Element Fault
UPP081	96	'6428683_/_6428749'	10	10	10	1.17	1	10	5.31 No	1	Element Fault
UPP081	97	'6430167_/_6430164'	10	10	10	1.17	10	10	5.31 No	1.17	Thermal Discharging
UPP081	98	'7449020_/_7449018_1'	10	10	10	1.17	1.4	10	5.31 No	1.17	Thermal Discharging
UPP081	99	'8083635_/_8083633_1'	10	10	10	1.17	0.9	10	5.31 No	0.9	Element Fault
UPP081	100	'6427656_/_6428769'	6.67	6.67	6.67	0.78	0.67	6.67	3.54 No	0.67	Element Fault
UPP081	101	'43914876_/_6430181'	10	10	10	1.17	10	10	5.31 No	1.17	Thermal Discharging
UPP081	102	'8083914_/_8083911_2'	10	10	10	1.17	0.9	10	5.31 No	0.9	Element Fault
UPP081	103	'9342024_/_9656661_2'	10	10	10	1.17	5.1	10	5.31 No	1.17	Thermal Discharging
UPP081	104	'43916011_/_43914878'	10	10	10	1.17	10	10	5.31 No	1.17	Thermal Discharging
UPP081	105	'9342005_/_9656661_1'	10	10	10	1.17	3.1	10	5.31 No	1.17	Thermal Discharging
UPP081	106	'6429571_/_6429568'	10	10	10	1.17	1	10	5.31 No	1	Element Fault
UPP081	107	'8083636_/_8083633_2'	10	10	10	1.17	0.9	10	5.31 No	0.9	Element Fault
UPP081	108	'7763940_/_7763937'	3.33	3.33	3.33	0.39	1.57	3.33	1.77 No	0.39	Thermal Discharging
UPP081	109	'6430431_/_43916013'	10	10	10	1.17	10	10	5.31 No	1.17	Thermal Discharging
UPP081	110	'8749870_/_9342002'	10	10	10	1.17	3.1	10	5.31 No	1.17	Thermal Discharging
UPP081	111	'7450608_/_8710994'	3.33	3.33	3.33	0.39	1.57	3.33	1.77 No	0.39	Thermal Discharging
UPP081	112	'6437913_/_6437944'	10	10	10	1.17	10	10	5.31 No	1.17	Thermal Discharging
UPP081	113	'68407940_/_6437910'	10	10	10	1.17	10	10	5.31 No	1.17	Thermal Discharging
UPP081	114	'8398648_/_8749868'	10	10	10	1.17	3.1	10	5.31 No	1.17	Thermal Discharging
UPP081	115	'6434441_/_68407943'	10	10	10	1.17	10	10	5.31 No	1.17	Thermal Discharging
UPP081	116	'68408118_/_68407979_1'	10	10	10	1.17	1.4	10	5.31 No	1.17	Thermal Discharging
UPP081	117	'387567147_/_347771646'	10	10	10	1.17	3.1	10	5.31 No	1.17	Thermal Discharging
UPP081	118	'7762516_/_9029019_2'	10	10	10	1.17	5.1	10	5.31 No	1.17	Thermal Discharging
UPP081	119	'68408140_/_68407979_2'	10	10	10	1.17	1.4	10	5.31 No	1.17	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
				Deviation						VSR (MW)	Limiting Threshold
UPP081	120	'6429588_/_43914427'		10	10	10	1.17	1	10	5.31 No	1 Element Fault
UPP081	121	'7450609_/_7450606'		10	10	10	1.17	4.7	10	5.31 No	1.17 Thermal Discharging
UPP081	122	'6434795_/_6434438'		10	10	10	1.17	10	10	5.31 No	1.17 Thermal Discharging
UPP081	123	'6434102_/_6434850'		10	10	10	1.17	10	10	5.31 No	1.17 Thermal Discharging
UPP081	124	'43915906_/_43915908'		6.67	6.67	6.67	0.78	0.67	6.67	3.54 No	0.67 Element Fault
UPP081	125	'7449021_/_7449018_2'		10	10	10	1.17	1.4	10	5.31 No	1.17 Thermal Discharging
UPP081	126	'6433759_/_6434904'		10	10	10	1.17	10	10	5.31 No	1.17 Thermal Discharging
UPP081	127	'6430578_/_6434867'		10	10	10	1.17	10	10	5.31 No	1.17 Thermal Discharging
UPP081	128	'6429458_/_6434884'		10	10	10	1.17	10	10	5.31 No	1.17 Thermal Discharging
UPP081	129	'412645328_/_412645005_1'		10	10	10	1.17	1.5	10	5.31 No	1.17 Thermal Discharging
UPP081	130	'6430612_/_6430806'		10	10	10	1.17	10	10	5.31 No	1.17 Thermal Discharging
UPP081	131	'6430579_/_6430576'		10	10	10	1.17	10	10	5.31 No	1.17 Thermal Discharging
UPP081	132	'43917067_/_43917069'		10	10	10	1.17	10	10	5.31 No	1.17 Thermal Discharging
UPP081	133	'8084134_/_54195629_2'		10	10	10	1.17	10	10	5.31 No	1.17 Thermal Discharging
UPP081	134	'6437963_/_6438000'		10	10	10	1.17	1.4	10	5.31 No	1.17 Thermal Discharging
UPP081	135	'6430613_/_6430610'		10	10	10	1.17	10	10	5.31 No	1.17 Thermal Discharging
UPP081	136	'76590766_/_6430593'		10	10	10	1.17	10	10	5.31 No	1.17 Thermal Discharging
UPP081	137	'70252060_/_71374996_1'		10	10	10	1.17	4.7	10	5.31 No	1.17 Thermal Discharging
UPP081	138	'43914360_/_6430627'		10	10	10	1.17	10	10	5.31 No	1.17 Thermal Discharging
UPP081	139	'6429439_/_43914349_1'		10	10	10	1.17	1.5	10	5.31 No	1.17 Thermal Discharging
UPP081	140	'43914373_/_43914362'		10	10	10	1.17	10	10	5.31 No	1.17 Thermal Discharging
UPP081	141	'54195445_/_54195629_1'		10	10	10	1.17	10	10	5.31 No	1.17 Thermal Discharging
UPP081	142	'7449496_/_43914349_2'		10	10	10	1.17	1.5	10	5.31 No	1.17 Thermal Discharging
UPP081	143	'43914386_/_43914375'		10	10	10	1.17	10	10	5.31 No	1.17 Thermal Discharging
UPP081	144	'43914399_/_43914388'		10	10	10	1.17	10	10	5.31 No	1.17 Thermal Discharging
UPP081	145	'43917093_/_43914401'		10	10	10	1.17	10	10	5.31 No	1.17 Thermal Discharging
UPP081	146	'6427640_/_6427638'		6.67	6.67	6.67	0.78	0.67	6.67	3.54 No	0.67 Element Fault
UPP081	147	'412645008_/_412645005_2'		10	10	10	1.17	1.5	10	5.31 No	1.17 Thermal Discharging
UPP081	148	'435599419_/_435599477_2'		3.33	3.33	3.33	0.39	0.4	3.33	1.77 No	0.39 Thermal Discharging
UPP081	149	'8399177_/_9029019_1'		10	10	10	1.17	2.2	10	5.31 No	1.17 Thermal Discharging
UPP081	150	'6430681_/_43917095'		10	10	10	1.17	10	10	5.31 No	1.17 Thermal Discharging
UPP081	151	'54195357_/_54195451'		10	10	10	1.17	10	10	5.31 No	1.17 Thermal Discharging
UPP081	152	'69395977_/_54195665_1'		10	10	10	1.17	10	10	5.31 No	1.17 Thermal Discharging
UPP081	153	'43914578_/_6430985'		10	10	10	1.17	10	10	5.31 No	1.17 Thermal Discharging
UPP081	154	'52924171_/_54195665_2'		10	10	10	1.17	10	10	5.31 No	1.17 Thermal Discharging
UPP081	155	'51180188_/_6434753'		10	10	10	1.17	10	10	5.31 No	1.17 Thermal Discharging
UPP081	156	'7449497_/_7449494'		10	10	10	1.17	1.1	10	5.31 No	1.1 Element Fault
UPP081	157	'6433704_/_51180190'		10	10	10	1.17	10	10	5.31 No	1.17 Thermal Discharging
UPP081	158	'6431005_/_43914580'		10	10	10	1.17	10	10	5.31 No	1.17 Thermal Discharging
UPP081	159	'6437886_/_6437961'		10	10	10	1.17	1.4	10	5.31 No	1.17 Thermal Discharging
UPP081	160	'51180315_/_51180291_1'		10	10	10	1.17	1.5	10	5.31 No	1.17 Thermal Discharging
UPP081	161	'435599440_/_435599527'		3.33	3.33	3.33	0.39	0.4	3.33	1.77 No	0.39 Thermal Discharging
UPP081	162	'6431022_/_6431019'		10	10	10	1.17	10	10	5.31 No	1.17 Thermal Discharging
UPP081	163	'6428820_/_6433701'		10	10	10	1.17	3.2	10	5.31 No	1.17 Thermal Discharging
UPP081	164	'51180399_/_51180291_2'		10	10	10	1.17	1.5	10	5.31 No	1.17 Thermal Discharging
UPP081	165	'9655981_/_9655979'		10	10	10	1.17	1.5	10	5.31 No	1.17 Thermal Discharging
UPP081	166	'6431039_/_6431036'		10	10	10	1.17	10	10	5.31 No	1.17 Thermal Discharging
UPP081	167	'51180363_/_51180337_1'		10	10	10	1.17	0.9	10	5.31 No	0.9 Element Fault
UPP081	168	'6428821_/_6428818'		10	10	10	1.17	1.5	10	5.31 No	1.17 Thermal Discharging
UPP081	169	'6435686_/_6435701'		10	10	10	1.17	10	10	5.31 No	1.17 Thermal Discharging
UPP081	170	'61150960_/_61150964'		10	10	10	1.17	1.5	10	5.31 No	1.17 Thermal Discharging
UPP081	171	'51180330_/_51180337_2'		10	10	10	1.17	0.9	10	5.31 No	0.9 Element Fault
UPP081	172	'6435687_/_6435684'		10	10	10	1.17	10	10	5.31 No	1.17 Thermal Discharging
UPP081	173	'6426767_/_7125270'		10	10	10	1.17	10	10	5.31 No	1.17 Thermal Discharging
UPP081	174	'43917043_/_7109505'		10	10	10	1.17	1.5	10	5.31 No	1.17 Thermal Discharging
UPP081	175	'61150982_/_61150989'		10	10	10	1.17	1.5	10	5.31 No	1.17 Thermal Discharging
UPP081	176	'6426730_/_6426744'		10	10	10	1.17	10	10	5.31 No	1.17 Thermal Discharging
UPP081	177	'6426729_/_6426727'		10	10	10	1.17	10	10	5.31 No	1.17 Thermal Discharging
UPP081	178	'68407852_/_68407855'		10	10	10	1.17	1.4	10	5.31 No	1.17 Thermal Discharging
UPP081	179	'43921454_/_43917045'		10	10	10	1.17	1.5	10	5.31 No	1.17 Thermal Discharging
UPP081	180	'68408079_/_68408059_1'		10	10	10	1.17	0.9	10	5.31 No	0.9 Element Fault
UPP081	181	'6451091_/_7125247'		10	10	10	1.17	10	10	5.31 No	1.17 Thermal Discharging
UPP081	182	'6451092_/_6451089'		10	10	10	1.17	10	10	5.31 No	1.17 Thermal Discharging
UPP081	183	'7763272_/_8399174'		10	10	10	1.17	2.2	10	5.31 No	1.17 Thermal Discharging
UPP081	184	'6430968_/_6435718'		10	10	10	1.17	4.5	10	5.31 No	1.17 Thermal Discharging
UPP081	185	'6451109_/_6451106'		10	10	10	1.17	10	10	5.31 No	1.17 Thermal Discharging
UPP081	186	'427328245_/_427328242'		10	10	10	1.17	10	10	5.31 No	1.17 Thermal Discharging
UPP081	187	'427328271_/_427328268'		10	10	10	1.17	10	10	5.31 No	1.17 Thermal Discharging
UPP081	188	'427328291_/_427328288'		10	10	10	1.17	10	10	5.31 No	1.17 Thermal Discharging
UPP081	189	'6447304_/_427328308'		10	10	10	1.17	10	10	5.31 No	1.17 Thermal Discharging
UPP081	190	'6447396_/_427328407'		10	10	10	1.17	10	10	5.31 No	1.17 Thermal Discharging
UPP081	191	'6447395_/_427328440'		10	10	10	1.17	10	10	5.31 No	1.17 Thermal Discharging
UPP081	192	'6458265_/_6458262'		10	10	10	1.17	1.5	10	5.31 No	1.17 Thermal Discharging
UPP081	193	'43920214_/_427328490'		10	10	10	1.17	10	10	5.31 No	1.17 Thermal Discharging
UPP081	194	'6452432_/_427328505'		10	10	10	1.17	10	10	5.31 No	1.17 Thermal Discharging
UPP081	195	'6430967_/_6430965'		10	10	10	1.17	4.5	10	5.31 No	1.17 Thermal Discharging
UPP081	196	'9343237_/_9657942_1'		10	10	10	1.17	0.9	10	5.31 No	0.9 Element Fault
UPP081	197	'6447378_/_462736044'		10	10	10	1.17	10	10	5.31 No	1.17 Thermal Discharging
UPP081	198	'6429459_/_6429469_1'		3.33	3.33	3.33	0.39	0.4	3.33	1.77 No	0.39 Thermal Discharging
UPP081	199	'7449871_/_9056319_1'		10	10	10	1.17	1.5	10	5.31 No	1.17 Thermal Discharging
UPP081	200	'6447325_/_6447376'		10	10	10	1.17	10	10	5.31 No	1.17 Thermal Discharging
UPP081	201	'43919083_/_6447302'		10	10	10	1.17	4.5	10	5.31 No	1.17 Thermal Discharging
UPP081	202	'9657945_/_9657942_2'		10	10	10	1.17	0.9	10	5.31 No	0.9 Element Fault
UPP081	203	'427328766_/_462736024'		10	10	10	1.17	10	10	5.31 No	1.17 Thermal Discharging
UPP081	204	'6434089_/_6434086_2'		3.33	3.33	3.33	0.39	1.5	3.33	1.77 No	0.39 Thermal Discharging
UPP081	205	'6458282_/_6458279'		10	10	10	1.17	1.5	10	5.31 No	1.17 Thermal Discharging
UPP081	206	'427328786_/_427328783'		10	10	10	1.17	10	10	5.31 No	1.17 Thermal Discharging
UPP081	207	'6429472_/_6429469_2'		3.33	3.33	3.33	0.39	0.4	3.33	1.77 No	0.39 Thermal Discharging
UPP081	208	'6447429_/_43919098'		10	10	10	1.17	4.5	10	5.31 No	1.17 Thermal Discharging
UPP081	209	'6438038_/_6438036'		10	10	10	1.17	4.5	10	5.31 No	1.17 Thermal Discharging
UPP081	210	'6458299_/_6458296'		10	10	10	1.17	1.5	10	5.31 No	1.17 Thermal Discharging
UPP081	211	'68408059_/_68408059_2'		10	10	10	1.17	0.9	10	5.31 No	0.9 Element Fault
UPP081	212	'501156630_/_501156433_1'		10	10	10	1.17	2.2	10	5.31 No	1.17 Thermal Discharging
UPP081	213	'6429485_/_6429482'		3.33	3.33	3.33	0.39	0.4	3.33	1.77 No	0.39 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over- Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
UPP081	214	'6433747_/6434086_1'		3.33	3.33	3.33	0.39	0.4	3.33	1.77 No	0.39 Thermal Discharging
UPP081	215	'9056321_/9056319_2'		10	10	10	1.17	1.5	10	5.31 No	1.17 Thermal Discharging
UPP081	216	'6447324_/43919072'		10	10	10	1.17	3.1	10	5.31 No	1.17 Thermal Discharging
UPP081	217	'6458316_/6458313_1'		10	10	10	1.17	1.5	10	5.31 No	1.17 Thermal Discharging
UPP081	218	'43917056_/43917058'		3.33	3.33	3.33	0.39	0.4	3.33	1.77 No	0.39 Thermal Discharging
UPP081	219	'43921478_/6458313_2'		10	10	10	1.17	1.5	10	5.31 No	1.17 Thermal Discharging
UPP081	220	'37972528_/9340612'		10	10	10	1.17	1.5	10	5.31 No	1.17 Thermal Discharging
UPP081	221	'405326839_/37972526'		10	10	10	1.17	1.5	10	5.31 No	1.17 Thermal Discharging
UPP081	222	'405326762_/405326759'		10	10	10	1.17	1.5	10	5.31 No	1.17 Thermal Discharging
UPP081	223	'37972550_/37972554'		10	10	10	1.17	1.5	10	5.31 No	1.17 Thermal Discharging
UPP081	224	'37972536_/37972533'		10	10	10	1.17	1.5	10	5.31 No	1.17 Thermal Discharging
UPP081	225	'63950587_/63950584'		3.33	3.33	3.33	0.39	0.47	3.33	1.77 No	0.39 Thermal Discharging
UPP081	226	'6433721_/6433731'		3.33	3.33	3.33	0.39	0.4	3.33	1.77 No	0.39 Thermal Discharging
UPP081	227	'69397321_/7762277'		10	10	10	1.17	1.5	10	5.31 No	1.17 Thermal Discharging
UPP081	228	'63950612_/6437858_2'		3.33	3.33	3.33	0.39	0.47	3.33	1.77 No	0.39 Thermal Discharging
UPP081	229	'7448848_/69397358'		10	10	10	1.17	1.5	10	5.31 No	1.17 Thermal Discharging
UPP081	230	'6433235_/6433718'		3.33	3.33	3.33	0.39	0.4	3.33	1.77 No	0.39 Thermal Discharging
UPP081	231	'6458623_/43921480'		6.8	10	10	1.17	1.5	10	5.31 No	1.17 Thermal Discharging
UPP081	232	'6437861_/6437858_1'		3.33	3.33	3.33	0.39	0.47	3.33	1.77 No	0.39 Thermal Discharging
UPP081	233	'6459933_/6459930'		6	10	10	1.17	1.5	10	5.31 No	1.17 Thermal Discharging
UPP081	234	'7448849_/7448846'		10	10	10	1.17	1.5	10	5.31 No	1.17 Thermal Discharging
UPP081	235	'6433234_/6433232'		3.33	3.33	3.33	0.39	0.4	3.33	1.77 No	0.39 Thermal Discharging
UPP081	236	'7762299_/7762297'		10	10	10	1.17	1.5	10	5.31 No	1.17 Thermal Discharging
UPP081	237	'118972077_/118972029'		7.8	10	10	1.17	1.5	10	5.31 No	1.17 Thermal Discharging
UPP081	238	'6458336_/6458333'		3.33	3.33	3.33	0.39	0.3	3.33	1.77 No	0.3 Element Fault
UPP081	239	'37972606_/7448644'		7.6	10	10	1.17	1.5	10	5.31 No	1.17 Thermal Discharging
UPP081	240	'37972571_/37972603'		7.6	10	10	1.17	1.5	10	5.31 No	1.17 Thermal Discharging
UPP081	241	'37972578_/37972575'		7.6	10	10	1.17	1.5	10	5.31 No	1.17 Thermal Discharging
UPP081	242	'37972592_/37972596'		7.6	10	10	1.17	1.5	10	5.31 No	1.17 Thermal Discharging
UPP081	243	'6437874_/6437871'		3.33	3.33	3.33	0.39	0.47	3.33	1.77 No	0.39 Thermal Discharging
UPP081	244	'6459949_/6470778'		5	10	10	1.17	1.5	10	5.31 No	1.17 Thermal Discharging
UPP081	245	'8707918_/9340494'		6.7	10	10	1.17	1.5	10	5.31 No	1.17 Thermal Discharging
UPP081	246	'89161842_/89161740'		6.7	10	10	1.17	1.5	10	5.31 No	1.17 Thermal Discharging
UPP081	247	'8398050_/9340514'		6.5	10	10	1.17	1.5	10	5.31 No	1.17 Thermal Discharging
UPP081	248	'6458348_/6458346'		3.33	3.33	3.33	0.39	0.3	3.33	1.77 No	0.3 Element Fault
UPP081	249	'6437900_/6437897'		3.33	3.33	3.33	0.39	0.47	3.33	1.77 No	0.39 Thermal Discharging
UPP081	250	'43922110_/6459947'		4.6	10	10	1.17	1.5	10	5.31 No	1.17 Thermal Discharging
UPP081	251	'6438066_/532796780'		3.33	3.33	3.33	0.39	1.5	3.33	1.77 No	0.39 Thermal Discharging
UPP081	252	'7762219_/7762217'		5.9	10	10	1.17	1.5	10	5.31 No	1.17 Thermal Discharging
UPP081	253	'37973005_/8398048'		5.6	10	10	1.17	1.5	10	5.31 No	1.17 Thermal Discharging
UPP081	254	'405326967_/37973009'		5.6	10	10	1.17	1.5	10	5.31 No	1.17 Thermal Discharging
UPP081	255	'405326984_/405326981'		5.6	10	10	1.17	1.5	10	5.31 No	1.17 Thermal Discharging
UPP081	256	'37972634_/37972638'		5.6	10	10	1.17	1.5	10	5.31 No	1.17 Thermal Discharging
UPP081	257	'37972620_/37972617'		5.6	10	10	1.17	1.5	10	5.31 No	1.17 Thermal Discharging
UPP081	258	'721279668_/721279666'		3.33	3.33	3.33	0.39	0.47	3.33	1.77 No	0.39 Thermal Discharging
UPP081	259	'6428851_/7109522'		3.33	3.33	3.33	0.39	0.3	3.33	1.77 No	0.3 Element Fault
UPP081	260	'8083676_/501156433_2'		5.3	10	10	1.17	2.2	10	5.31 No	1.17 Thermal Discharging
UPP081	261	'6459966_/6473058'		4.1	10	10	1.17	1.5	10	5.31 No	1.17 Thermal Discharging
UPP081	262	'9340457_/9340454'		5.1	10	10	1.17	1.5	10	5.31 No	1.17 Thermal Discharging
UPP081	263	'6459967_/6459964'		3.9	10	10	1.17	1.5	10	5.31 No	1.17 Thermal Discharging
UPP081	264	'380252824_/8397972'		4.8	10	10	1.17	1.5	10	5.31 No	1.17 Thermal Discharging
UPP081	265	'6428838_/6428848'		3.33	3.33	3.33	0.39	0.3	3.33	1.77 No	0.3 Element Fault
UPP081	266	'380252764_/380252867'		4.8	10	10	1.17	1.5	10	5.31 No	1.17 Thermal Discharging
UPP081	267	'380252786_/380252860'		4.8	10	10	1.17	1.5	10	5.31 No	1.17 Thermal Discharging
UPP081	268	'8397975_/380252806'		4.7	10	10	1.17	1.5	10	5.31 No	1.17 Thermal Discharging
UPP081	269	'8083465_/9655391'		4.6	10	10	1.17	1.5	10	5.31 No	1.17 Thermal Discharging
UPP081	270	'6428837_/6428835'		3.33	3.33	3.33	0.39	0.3	3.33	1.77 No	0.3 Element Fault
UPP081	271	'43917106_/6430939'		3.33	3.33	3.33	0.39	0.3	3.33	1.77 No	0.3 Element Fault
UPP081	272	'43925057_/6472830'		3.5	10	10	1.17	1.5	10	5.31 No	1.17 Thermal Discharging
UPP081	273	'8397994_/8397992'		4	10	10	1.17	1.5	10	5.31 No	1.17 Thermal Discharging
UPP081	274	'6429500_/6430952'		3.33	3.33	3.33	0.39	0.3	3.33	1.77 No	0.3 Element Fault
UPP081	275	'389238095_/8083463'		3.9	10	10	1.17	1.5	10	5.31 No	1.17 Thermal Discharging
UPP081	276	'8083675_/108906556'		3.9	10	10	1.17	2.2	10	5.31 No	1.17 Thermal Discharging
UPP081	277	'6428863_/6430926'		2.43	3.33	3.33	0.39	0.3	3.33	1.77 No	0.3 Element Fault
UPP081	278	'6472870_/43925059'		3.2	10	10	1.17	1.5	10	5.31 No	1.17 Thermal Discharging
UPP081	279	'6429019_/6429498'		1.93	3.33	3.33	0.39	0.3	3.33	1.77 No	0.3 Element Fault
UPP081	280	'6472904_/6472901'		3	10	10	1.17	1.5	10	5.31 No	1.17 Thermal Discharging
UPP081	281	'6428864_/6428861'		1.83	3.33	3.33	0.39	0.3	3.33	1.77 No	0.3 Element Fault
UPP081	282	'9027584_/9655431'		3.5	10	10	1.17	1.5	10	5.31 No	1.17 Thermal Discharging
UPP081	283	'9027608_/9027605'		3.4	10	10	1.17	1.5	10	5.31 No	1.17 Thermal Discharging
UPP081	284	'7762696_/501156493'		3.4	10	10	1.17	2.2	10	5.31 No	1.17 Thermal Discharging
UPP081	285	'37972564_/37972568'		3.33	3.33	3.33	0.39	0.5	3.33	1.77 No	0.39 Thermal Discharging
UPP081	286	'6472992_/6473009'		2.8	10	10	1.17	1.5	10	5.31 No	1.17 Thermal Discharging
UPP081	287	'8086118_/9343406_1'		2.8	10	10	1.17	0.9	10	5.31 No	0.9 Element Fault
UPP081	288	'6428877_/6428874'		1.63	3.33	3.33	0.39	0.3	3.33	1.77 No	0.3 Element Fault
UPP081	289	'43914223_/6429017'		1.6	3.33	3.33	0.39	0.3	3.33	1.77 No	0.3 Element Fault
UPP081	290	'8083353_/8083351'		3.33	3.33	3.33	0.39	0.5	3.33	1.77 No	0.39 Thermal Discharging
UPP081	291	'7762695_/501156504'		3.2	10	10	1.17	2.2	10	5.31 No	1.17 Thermal Discharging
UPP081	292	'43917117_/6428887'		1.47	3.33	3.33	0.39	0.3	3.33	1.77 No	0.3 Element Fault
UPP081	293	'6472886_/6472989'		2.6	10	10	1.17	1.5	10	5.31 No	1.17 Thermal Discharging
UPP081	294	'6464314_/7109535'		1.4	3.33	3.33	0.39	0.3	3.33	1.77 No	0.3 Element Fault
UPP081	295	'7762259_/9027755'		3	10	10	1.17	1.5	10	5.31 No	1.17 Thermal Discharging
UPP081	296	'8708408_/501156515'		3	10	10	1.17	2.2	10	5.31 No	1.17 Thermal Discharging
UPP081	297	'7448780_/7762257'		3	10	10	1.17	1.5	10	5.31 No	1.17 Thermal Discharging
UPP081	298	'9343409_/9343406_2'		2.5	10	10	1.17	0.9	10	5.31 No	0.9 Element Fault
UPP081	299	'437319528_/6472884_1'		2.5	10	10	1.17	0.9	10	5.31 No	0.9 Element Fault
UPP081	300	'7448781_/7448778'		2.9	10	10	1.17	1.5	10	5.31 No	1.17 Thermal Discharging
UPP081	301	'43925070_/6472884_2'		2.5	10	10	1.17	0.9	10	5.31 No	0.9 Element Fault
UPP081	302	'6428903_/43917119'		1.3	3.33	3.33	0.39	0.3	3.33	1.77 No	0.3 Element Fault
UPP081	303	'43924286_/6464312'		1.27	3.33	3.33	0.39	0.3	3.33	1.77 No	0.3 Element Fault
UPP081	304	'9028289_/501156526'		2.7	10	10	1.17	2.2	10	5.31 No	1.17 Thermal Discharging
UPP081	305	'8708093_/8708090'		2.7	10	10	1.17	1.5	10	5.31 No	1.17 Thermal Discharging
UPP081	306	'597698514_/597698518'		2.7	10	10	1.17	2.2	10	5.31 No	1.17 Thermal Discharging
UPP081	307	'597698482_/597698548'		2.7	10	10	1.17	2.2	10	5.31 No	1.17 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
UPP081	308	'647427662_/_597698629_1'	2.7	10	10	1.17	2.2	10	5.31 No	1.17	Thermal Discharging
UPP081	309	'6459983_/_43925072'	2.3	10	10	1.17	0.9	10	5.31 No	0.9	Element Fault
UPP081	310	'7448828_/_9340652'	2.7	10	10	1.17	1.5	10	5.31 No	1.17	Thermal Discharging
UPP081	311	'7448829_/_8083557_1'	2.7	10	10	1.17	1.5	10	5.31 No	1.17	Thermal Discharging
UPP081	312	'6428916_/_6428913'	1.2	3.33	3.33	0.39	0.3	3.33	1.77 No	0.3	Element Fault
UPP081	313	'6428929_/_6428926'	1.17	3.33	3.33	0.39	0.3	3.33	1.77 No	0.3	Element Fault
UPP081	314	'6464315_/_43924288'	1.17	3.33	3.33	0.39	0.3	3.33	1.77 No	0.3	Element Fault
UPP081	315	'6470797_/_6470795'	2.2	10	10	1.17	0.9	10	5.31 No	0.9	Element Fault
UPP081	316	'43922123_/_6459981'	2.2	10	10	1.17	0.9	10	5.31 No	0.9	Element Fault
UPP081	317	'43914201_/_6428939'	1.1	3.33	3.33	0.39	0.3	3.33	1.77 No	0.3	Element Fault
UPP081	318	'43924297_/_6464325'	1.07	3.33	3.33	0.39	0.3	3.33	1.77 No	0.3	Element Fault
UPP081	319	'6470835_/_6470832'	2.1	10	10	1.17	0.9	10	5.31 No	0.9	Element Fault
UPP081	320	'6428955_/_43914203'	1	3.33	3.33	0.39	0.3	3.33	1.77 No	0.3	Element Fault
UPP081	321	'6464341_/_43924299'	1	3.33	3.33	0.39	0.3	3.33	1.77 No	0.3	Element Fault
UPP081	322	'6428968_/_6428965'	0.97	3.33	3.33	0.39	0.3	3.33	1.77 No	0.3	Element Fault
UPP081	323	'6471233_/_6471230'	0.93	3.33	3.33	0.39	0.3	3.33	1.77 No	0.3	Element Fault
UPP081	324	'43914212_/_6428978'	0.9	3.33	3.33	0.39	0.3	3.33	1.77 No	0.3	Element Fault
UPP081	325	'43922099_/_6471243'	0.87	3.33	3.33	0.39	0.3	3.33	1.77 No	0.3	Element Fault
UPP081	326	'6428994_/_43914214'	0.87	3.33	3.33	0.39	0.3	3.33	1.77 No	0.3	Element Fault
UPP081	327	'6459984_/_43922125_1'	0.73	3.33	3.33	0.39	0.3	3.33	1.77 No	0.3	Element Fault
UPP081	328	'6471246_/_43922101'	0.83	3.33	3.33	0.39	0.3	3.33	1.77 No	0.3	Element Fault
UPP081	329	'6429007_/_6429004'	0.83	3.33	3.33	0.39	0.3	3.33	1.77 No	0.3	Element Fault
UPP081	330	'6460311_/_43922125_2'	0.73	3.33	3.33	0.39	0.3	3.33	1.77 No	0.3	Element Fault
UPP081	331	'6472451_/_7109626'	0.8	3.33	3.33	0.39	0.3	3.33	1.77 No	0.3	Element Fault
UPP081	332	'6460004_/_6460309'	0.73	3.33	3.33	0.39	0.3	3.33	1.77 No	0.3	Element Fault
UPP081	333	'6472920_/_6472935'	0.73	3.33	3.33	0.39	0.3	3.33	1.77 No	0.3	Element Fault
UPP081	334	'6460003_/_6460001'	0.73	3.33	3.33	0.39	0.3	3.33	1.77 No	0.3	Element Fault
UPP081	335	'43924987_/_6472449'	0.77	3.33	3.33	0.39	0.3	3.33	1.77 No	0.3	Element Fault
UPP081	336	'6460017_/_6460014'	0.73	3.33	3.33	0.39	0.3	3.33	1.77 No	0.3	Element Fault
UPP081	337	'6472452_/_9371100_1'	0.77	3.33	3.33	0.39	0.2	3.33	1.77 No	0.2	Element Fault
UPP081	338	'6472921_/_6472918'	0.73	3.33	3.33	0.39	0.3	3.33	1.77 No	0.3	Element Fault
UPP081	339	'6460097_/_6460335'	0.73	3.33	3.33	0.39	0.3	3.33	1.77 No	0.3	Element Fault
UPP081	340	'6465034_/_6465031'	0.73	3.33	3.33	0.39	0.3	3.33	1.77 No	0.3	Element Fault
UPP081	341	'6473028_/_6473042'	0.73	3.33	3.33	0.39	0.3	3.33	1.77 No	0.3	Element Fault
UPP081	342	'9030341_/_9371100_2'	0.73	3.33	3.33	0.39	0.2	3.33	1.77 No	0.2	Element Fault
UPP081	343	'6460098_/_6460095'	0.73	3.33	3.33	0.39	0.3	3.33	1.77 No	0.3	Element Fault
UPP081	344	'43925083_/_6473026'	0.7	3.33	3.33	0.39	0.3	3.33	1.77 No	0.3	Element Fault
UPP081	345	'6473029_/_43925085'	0.7	3.33	3.33	0.39	0.3	3.33	1.77 No	0.3	Element Fault
UPP081	346	'6460085_/_6460108'	0.7	3.33	3.33	0.39	0.3	3.33	1.77 No	0.3	Element Fault
UPP081	347	'7764939_/_9030339'	0.7	3.33	3.33	0.39	0.2	3.33	1.77 No	0.2	Element Fault
UPP081	348	'6460069_/_6460082'	0.67	3.33	3.33	0.39	0.3	3.33	1.77 No	0.3	Element Fault
UPP081	349	'6473081_/_6473078'	0.67	3.33	3.33	0.39	0.3	3.33	1.77 No	0.3	Element Fault
UPP081	350	'6460124_/_6460121'	0.67	3.33	3.33	0.39	0.3	3.33	1.77 No	0.3	Element Fault
UPP081	351	'8086137_/_8086135_1'	0.67	3.33	3.33	0.39	0.1	3.33	1.77 No	0.1	Element Fault
UPP081	352	'43924513_/_6464976'	0.67	3.33	3.33	0.39	0.3	3.33	1.77 No	0.3	Element Fault
UPP081	353	'6452495_/_7764937_1'	0.67	3.33	3.33	0.39	0.1	3.33	1.77 No	0.1	Element Fault
UPP081	354	'76590673_/_7764937_2'	0.63	3.33	3.33	0.39	0.1	3.33	1.77 No	0.1	Element Fault
UPP081	355	'8086138_/_8086135_2'	0.63	3.33	3.33	0.39	0.1	3.33	1.77 No	0.1	Element Fault
UPP081	356	'6460149_/_43924515'	0.67	3.33	3.33	0.39	0.3	3.33	1.77 No	0.3	Element Fault
UPP081	357	'6460137_/_6460134'	0.67	3.33	3.33	0.39	0.3	3.33	1.77 No	0.3	Element Fault
UPP081	358	'6452496_/_43920251'	0.63	3.33	3.33	0.39	0.1	3.33	1.77 No	0.1	Element Fault
UPP081	359	'6460068_/_6460066'	0.63	3.33	3.33	0.39	0.3	3.33	1.77 No	0.3	Element Fault
UPP081	360	'9343428_/_9658340'	0.63	3.33	3.33	0.39	0.1	3.33	1.77 No	0.1	Element Fault
UPP081	361	'6465207_/_6465204'	0.63	3.33	3.33	0.39	0.3	3.33	1.77 No	0.3	Element Fault
UPP081	362	'43922145_/_6460147'	0.63	3.33	3.33	0.39	0.3	3.33	1.77 No	0.3	Element Fault
UPP081	363	'6460163_/_6460160'	0.63	3.33	3.33	0.39	0.3	3.33	1.77 No	0.3	Element Fault
UPP081	364	'6465220_/_6465230'	0.63	3.33	3.33	0.39	0.3	3.33	1.77 No	0.3	Element Fault
UPP081	365	'6460176_/_6460173'	0.63	3.33	3.33	0.39	0.3	3.33	1.77 No	0.3	Element Fault
UPP081	366	'6471259_/_6471269'	0.6	3.33	3.33	0.39	0.3	3.33	1.77 No	0.3	Element Fault
UPP081	367	'6460257_/_6460254'	0.6	3.33	3.33	0.39	0.3	3.33	1.77 No	0.3	Element Fault
UPP081	368	'43924609_/_43924611'	0.6	3.33	3.33	0.39	0.3	3.33	1.77 No	0.3	Element Fault
UPP081	369	'6465219_/_6465217'	0.6	3.33	3.33	0.39	0.3	3.33	1.77 No	0.3	Element Fault
UPP081	370	'6460270_/_6460267'	0.6	3.33	3.33	0.39	0.3	3.33	1.77 No	0.3	Element Fault
UPP081	371	'9343429_/_9343426'	0.57	3.33	3.33	0.39	0.1	3.33	1.77 No	0.1	Element Fault
UPP081	372	'6460244_/_6471256'	0.57	3.33	3.33	0.39	0.3	3.33	1.77 No	0.3	Element Fault
UPP081	373	'6460243_/_6460241_2'	0.57	3.33	3.33	0.39	0.3	3.33	1.77 No	0.3	Element Fault
UPP081	374	'6460228_/_6460241_1'	0.57	3.33	3.33	0.39	0.1	3.33	1.77 No	0.1	Element Fault
UPP081	375	'426473996_/_407274502_1'	0.57	3.33	3.33	0.39	0.1	3.33	1.77 No	0.1	Element Fault
UPP081	376	'6460286_/_6460283'	0.57	3.33	3.33	0.39	0.3	3.33	1.77 No	0.3	Element Fault
UPP081	377	'6460215_/_6460225'	0.57	3.33	3.33	0.39	0.1	3.33	1.77 No	0.1	Element Fault
UPP081	378	'6460202_/_6460212'	0.53	3.33	3.33	0.39	0.1	3.33	1.77 No	0.1	Element Fault
UPP081	379	'8401031_/_407274502_2'	0.53	3.33	3.33	0.39	0.1	3.33	1.77 No	0.1	Element Fault
UPP081	380	'9658097_/_9658094_1'	0.53	3.33	3.33	0.39	0.1	3.33	1.77 No	0.1	Element Fault
UPP081	381	'9658113_/_9658094_2'	0.53	3.33	3.33	0.39	0.1	3.33	1.77 No	0.1	Element Fault
UPP081	382	'6460189_/_6460199'	0.53	3.33	3.33	0.39	0.1	3.33	1.77 No	0.1	Element Fault
UPP081	383	'8400958_/_8400956_1'	0.53	3.33	3.33	0.39	0.1	3.33	1.77 No	0.1	Element Fault
UPP081	384	'8400959_/_8400956_2'	0.5	3.33	3.33	0.39	0.1	3.33	1.77 No	0.1	Element Fault
UPP081	385	'6460188_/_43922158'	0.5	3.33	3.33	0.39	0.1	3.33	1.77 No	0.1	Element Fault
UPP081	386	'8401030_/_407274513'	0.5	3.33	3.33	0.39	0.1	3.33	1.77 No	0.1	Element Fault
UPP082	0	'UPP082_/_8100802'	10	10	10	1.46	10	10	10 No	1.46	Thermal Discharging
UPP082	1	'8100804_/_8100802'	10	10	10	1.46	10	10	4.27 No	1.46	Thermal Discharging
UPP082	2	'9672492_/_9672490'	10	10	10	1.46	10	10	4.27 No	1.46	Thermal Discharging
UPP082	3	'9360677_/_9672510'	10	10	10	1.46	10	10	4.27 No	1.46	Thermal Discharging
UPP082	4	'58111018_/_9360674'	10	10	10	1.46	10	10	4.27 No	1.46	Thermal Discharging
UPP082	5	'58111026_/_8408610'	10	10	10	1.46	10	10	4.27 No	1.46	Thermal Discharging
UPP082	6	'8100708_/_9672530'	10	10	10	1.46	10	10	4.27 No	1.46	Thermal Discharging
UPP082	7	'7465015_/_8100706'	10	10	10	1.46	10	10	4.27 No	1.46	Thermal Discharging
UPP082	8	'7465016_/_7465013'	10	10	10	1.46	10	10	4.27 No	1.46	Thermal Discharging
UPP082	9	'8100672_/_9360178'	10	10	10	1.46	10	10	4.27 No	1.46	Thermal Discharging
UPP082	10	'8100673_/_8100670'	10	10	10	1.46	10	10	4.27 No	1.46	Thermal Discharging
UPP082	11	'8728501_/_8728498'	10	10	10	1.46	10	10	4.27 No	1.46	Thermal Discharging
UPP082	12	'8728521_/_8728518'	10	10	10	1.46	10	10	4.27 No	1.46	Thermal Discharging
UPP082	13	'482803355_/_9360138_1'	10	10	10	1.46	10	10	4.27 No	1.46	Thermal Discharging
UPP082	14	'6898292_/_9360138_2'	10	10	10	1.46	10	10	4.27 No	1.46	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
UPP082	15	'44013194_/_44013196'	10	10	10	1.46	10	10	4.27 No	1.46	Thermal Discharging
UPP082	16	'6898358_/_6898356'	10	10	10	1.46	10	10	4.27 No	1.46	Thermal Discharging
UPP082	17	'44012284_/_6898408'	10	10	10	1.46	10	10	4.27 No	1.46	Thermal Discharging
UPP082	18	'426510307_/_9672098'	10	10	10	1.46	10	10	4.27 No	1.46	Thermal Discharging
UPP082	19	'6898293_/_6898290'	10	10	10	1.46	3.1	10	4.27 No	1.46	Thermal Discharging
UPP082	20	'7465055_/_426510321'	10	10	10	1.46	10	10	4.27 No	1.46	Thermal Discharging
UPP082	21	'6898411_/_44012286'	10	10	10	1.46	10	10	4.27 No	1.46	Thermal Discharging
UPP082	22	'7778596_/_7789541'	10	10	10	1.46	10	10	4.27 No	1.46	Thermal Discharging
UPP082	23	'6900425_/_6900456'	10	10	10	1.46	10	10	4.27 No	1.46	Thermal Discharging
UPP082	24	'6897947_/_6899923'	10	10	10	1.46	10	10	4.27 No	1.46	Thermal Discharging
UPP082	25	'7778595_/_7778593'	10	10	10	1.46	10	10	4.27 No	1.46	Thermal Discharging
UPP082	26	'6900424_/_6900422'	10	10	10	1.46	10	10	4.27 No	1.46	Thermal Discharging
UPP082	27	'44012321_/_44012323'	10	10	10	1.46	10	10	4.27 No	1.46	Thermal Discharging
UPP082	28	'37994741_/_7778613'	10	10	10	1.46	10	10	4.27 No	1.46	Thermal Discharging
UPP082	29	'404914933_/_37994738'	10	10	10	1.46	10	10	4.27 No	1.46	Thermal Discharging
UPP082	30	'37994824_/_37994829'	10	10	10	1.46	4.5	10	4.27 No	1.46	Thermal Discharging
UPP082	31	'37994755_/_37994752'	10	10	10	1.46	4.6	10	4.27 No	1.46	Thermal Discharging
UPP082	32	'37994811_/_37994808'	10	10	10	1.46	10	10	4.27 No	1.46	Thermal Discharging
UPP082	33	'6900030_/_6900439'	10	10	10	1.46	10	10	4.27 No	1.46	Thermal Discharging
UPP082	34	'6895714_/_6897924'	10	10	10	1.46	10	10	4.27 No	1.46	Thermal Discharging
UPP082	35	'6898311_/_6898308_1'	10	10	10	1.46	1.4	10	4.27 No	1.4	Element Fault
UPP082	36	'6900280_/_6900278_1'	10	10	10	1.46	1.5	10	4.27 No	1.46	Thermal Discharging
UPP082	37	'7464775_/_9667182'	10	10	10	1.46	10	10	4.27 No	1.46	Thermal Discharging
UPP082	38	'44013207_/_6898308_2'	10	10	10	1.46	1.4	10	4.27 No	1.4	Element Fault
UPP082	39	'6900069_/_6900121'	10	10	10	1.46	10	10	4.27 No	1.46	Thermal Discharging
UPP082	40	'6900015_/_6900012_2'	3.33	3.33	3.33	0.49	1	3.33	1.42 No	0.49	Thermal Discharging
UPP082	41	'6897615_/_6898893'	10	10	10	1.46	10	10	4.27 No	1.46	Thermal Discharging
UPP082	42	'6900068_/_6900079_2'	3.33	3.33	3.33	0.49	1	3.33	1.42 No	0.49	Thermal Discharging
UPP082	43	'6895715_/_6895725_1'	3.33	3.33	3.33	0.49	0.5	3.33	1.42 No	0.49	Thermal Discharging
UPP082	44	'7464776_/_7464773'	10	10	10	1.46	10	10	4.27 No	1.46	Thermal Discharging
UPP082	45	'120404778_/_120404796_1'	10	10	10	1.46	10	10	4.27 No	1.46	Thermal Discharging
UPP082	46	'6900176_/_6900174'	10	10	10	1.46	10	10	4.27 No	1.46	Thermal Discharging
UPP082	47	'120404790_/_120404796_2'	10	10	10	1.46	10	10	4.27 No	1.46	Thermal Discharging
UPP082	48	'444926283_/_437652777'	10	10	10	1.46	10	10	4.27 No	1.46	Thermal Discharging
UPP082	49	'7778536_/_7778533'	10	10	10	1.46	10	10	4.27 No	1.46	Thermal Discharging
UPP082	50	'6900107_/_6900224'	10	10	10	1.46	10	10	4.27 No	1.46	Thermal Discharging
UPP082	51	'394114504_/_6900092_1'	3.33	3.33	3.33	0.49	0.4	3.33	1.42 No	0.4	Element Fault
UPP082	52	'7778515_/_9045469'	10	10	10	1.46	10	10	4.27 No	1.46	Thermal Discharging
UPP082	53	'44012697_/_6900278_2'	10	10	10	1.46	1.5	10	4.27 No	1.46	Thermal Discharging
UPP082	54	'6900056_/_6900079_1'	3.33	3.33	3.33	0.49	0.5	3.33	1.42 No	0.49	Thermal Discharging
UPP082	55	'6894418_/_6897595'	10	10	10	1.46	10	10	4.27 No	1.46	Thermal Discharging
UPP082	56	'7778516_/_7778513'	10	10	10	1.46	10	10	4.27 No	1.46	Thermal Discharging
UPP082	57	'6900193_/_6900191'	10	10	10	1.46	10	10	4.27 No	1.46	Thermal Discharging
UPP082	58	'6894419_/_6894433_2'	10	10	10	1.46	4.5	10	4.27 No	1.46	Thermal Discharging
UPP082	59	'6900043_/_6900092_2'	3.33	3.33	3.33	0.49	0.4	3.33	1.42 No	0.4	Element Fault
UPP082	60	'6897564_/_6897578'	10	10	10	1.46	10	10	4.27 No	1.46	Thermal Discharging
UPP082	61	'6900243_/_6900241'	10	10	10	1.46	10	10	4.27 No	1.46	Thermal Discharging
UPP082	62	'6894435_/_6894433_1'	10	10	10	1.46	1.5	10	4.27 No	1.46	Thermal Discharging
UPP082	63	'6900353_/_6900351_2'	10	10	10	1.46	10	10	4.27 No	1.46	Thermal Discharging
UPP082	64	'7778731_/_7778729_1'	10	10	10	1.46	0.9	10	4.27 No	0.9	Element Fault
UPP082	65	'50345386_/_6900382_1'	10	10	10	1.46	1.5	10	4.27 No	1.46	Thermal Discharging
UPP082	66	'44013219_/_6898323'	6.67	6.67	6.67	0.98	0.93	6.67	2.85 No	0.93	Element Fault
UPP082	67	'6897547_/_6897561'	10	10	10	1.46	10	10	4.27 No	1.46	Thermal Discharging
UPP082	68	'6900354_/_6900351_1'	10	10	10	1.46	10	10	4.27 No	1.46	Thermal Discharging
UPP082	69	'49249927_/_9360064_1'	10	10	10	1.46	1.6	10	4.27 No	1.46	Thermal Discharging
UPP082	70	'6897524_/_6897544'	10	10	10	1.46	10	10	4.27 No	1.46	Thermal Discharging
UPP082	71	'8407976_/_9360064_2'	10	10	10	1.46	1.6	10	4.27 No	1.46	Thermal Discharging
UPP082	72	'6897039_/_44012699'	10	10	10	1.46	1.5	10	4.27 No	1.46	Thermal Discharging
UPP082	73	'6897632_/_6897629'	10	10	10	1.46	10	10	4.27 No	1.46	Thermal Discharging
UPP082	74	'44012216_/_6895725_2'	3.33	3.33	3.33	0.49	0.5	3.33	1.42 No	0.49	Thermal Discharging
UPP082	75	'6897523_/_6897521'	10	10	10	1.46	10	10	4.27 No	1.46	Thermal Discharging
UPP082	76	'6900159_/_6900382_2'	10	10	10	1.46	1.5	10	4.27 No	1.46	Thermal Discharging
UPP082	77	'8407718_/_8407716'	10	10	10	1.46	4.6	10	4.27 No	1.46	Thermal Discharging
UPP082	78	'6894729_/_6897646'	10	10	10	1.46	10	10	4.27 No	1.46	Thermal Discharging
UPP082	79	'6894621_/_6900040'	3.33	3.33	3.33	0.49	0.4	3.33	1.42 No	0.4	Element Fault
UPP082	80	'44011923_/_44011925'	3.33	3.33	3.33	0.49	0.5	3.33	1.42 No	0.49	Thermal Discharging
UPP082	81	'6894401_/_6894398_2'	6.67	6.67	6.67	0.98	3	6.67	2.85 No	0.98	Thermal Discharging
UPP082	82	'7778732_/_7778729_2'	10	10	10	1.46	0.9	10	4.27 No	0.9	Element Fault
UPP082	83	'6897666_/_6897663'	10	10	10	1.46	10	10	4.27 No	1.46	Thermal Discharging
UPP082	84	'6894511_/_6900012_1'	3.33	3.33	3.33	0.49	0.4	3.33	1.42 No	0.4	Element Fault
UPP082	85	'6897683_/_6897680'	10	10	10	1.46	10	10	4.27 No	1.46	Thermal Discharging
UPP082	86	'6894745_/_6894742'	3.33	3.33	3.33	0.49	0.4	3.33	1.42 No	0.4	Element Fault
UPP082	87	'87410305_/_9359668'	10	10	10	1.46	10	10	4.27 No	1.46	Thermal Discharging
UPP082	88	'422301220_/_422301217'	3.33	3.33	3.33	0.49	0.5	3.33	1.42 No	0.49	Thermal Discharging
UPP082	89	'6894400_/_6894398_1'	6.67	6.67	6.67	0.98	0.9	6.67	2.85 No	0.9	Element Fault
UPP082	90	'6894812_/_6897697'	10	10	10	1.46	10	10	4.27 No	1.46	Thermal Discharging
UPP082	91	'6897040_/_6897037'	10	10	10	1.46	1.5	10	4.27 No	1.46	Thermal Discharging
UPP082	92	'412605922_/_6894103_3'	3.33	3.33	3.33	0.49	1	3.33	1.42 No	0.49	Thermal Discharging
UPP082	93	'7778751_/_7778749_1'	10	10	10	1.46	1.5	10	4.27 No	1.46	Thermal Discharging
UPP082	94	'87410385_/_87410505'	10	10	10	1.46	10	10	4.27 No	1.46	Thermal Discharging
UPP082	95	'44012811_/_6900157'	10	10	10	1.46	1.5	10	4.27 No	1.46	Thermal Discharging
UPP082	96	'403424607_/_87410389'	10	10	10	1.46	10	10	4.27 No	1.46	Thermal Discharging
UPP082	97	'87410413_/_87410417'	10	10	10	1.46	4.5	10	4.27 No	1.46	Thermal Discharging
UPP082	98	'87410427_/_87410424'	10	10	10	1.46	4.5	10	4.27 No	1.46	Thermal Discharging
UPP082	99	'87410399_/_87410396'	10	10	10	1.46	10	10	4.27 No	1.46	Thermal Discharging
UPP082	100	'6897720_/_6897717'	10	10	10	1.46	10	10	4.27 No	1.46	Thermal Discharging
UPP082	101	'8100576_/_8407974_1'	10	10	10	1.46	1.6	10	4.27 No	1.46	Thermal Discharging
UPP082	102	'6897737_/_6897734'	10	10	10	1.46	10	10	4.27 No	1.46	Thermal Discharging
UPP082	103	'44013231_/_6898393'	6.67	6.67	6.67	0.98	0.93	6.67	2.85 No	0.93	Element Fault
UPP082	104	'7778752_/_7778749_2'	10	10	10	1.46	1.5	10	4.27 No	1.46	Thermal Discharging
UPP082	105	'6897770_/_6897907'	10	10	10	1.46	10	10	4.27 No	1.46	Thermal Discharging
UPP082	106	'6894813_/_44012016_2'	3.33	3.33	3.33	0.49	1	3.33	1.42 No	0.49	Thermal Discharging
UPP082	107	'87410584_/_87410624'	10	10	10	1.46	4.5	10	4.27 No	1.46	Thermal Discharging
UPP082	108	'87410341_/_87410526'	10	10	10	1.46	10	10	4.27 No	1.46	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
UPP082	109	'6898559_/_8407974_2'		10	10	10	1.46	1.6	10	4.27 No	1.46 Thermal Discharging
UPP082	110	'8407924_/_9045721_2'		10	10	10	1.46	4.2	10	4.27 No	1.46 Thermal Discharging
UPP082	111	'412605930_/_6894103_2'	3.33	3.33	3.33	0.49	0.5	3.33	1.42 No	0.49 Thermal Discharging	
UPP082	112	'44011934_/_44011936'	3.33	3.33	3.33	0.49	0.4	3.33	1.42 No	0.4 Element Fault	
UPP082	113	'6894757_/_6894755'	3.33	3.33	3.33	0.49	0.4	3.33	1.42 No	0.4 Element Fault	
UPP082	114	'44012036_/_6897768'		10	10	10	1.46	10	10	4.27 No	1.46 Thermal Discharging
UPP082	115	'6894510_/_6894508'	3.33	3.33	3.33	0.49	0.4	3.33	1.42 No	0.4 Element Fault	
UPP082	116	'6883172_/_6897751'		10	10	10	1.46	10	10	4.27 No	1.46 Thermal Discharging
UPP082	117	'44012014_/_44012016_1'	3.33	3.33	3.33	0.49	0.4	3.33	1.42 No	0.4 Element Fault	
UPP082	118	'6894537_/_6894547'	3.33	3.33	3.33	0.49	0.5	3.33	1.42 No	0.49 Thermal Discharging	
UPP082	119	'6898396_/_44013233'		6.67	6.67	6.67	0.98	0.93	6.67	2.85 No	0.93 Element Fault
UPP082	120	'69397471_/_44011685_2'		6.67	6.67	6.67	0.98	0.9	6.67	2.85 No	0.9 Element Fault
UPP082	121	'6883173_/_6883170'		10	10	10	1.46	10	10	4.27 No	1.46 Thermal Discharging
UPP082	122	'6898519_/_6898556'		10	10	10	1.46	1.6	10	4.27 No	1.46 Thermal Discharging
UPP082	123	'7464380_/_87410346'		10	10	10	1.46	10	10	4.27 No	1.46 Thermal Discharging
UPP082	124	'6883190_/_6900820'		10	10	10	1.46	10	10	4.27 No	1.46 Thermal Discharging
UPP082	125	'44011683_/_44011685_1'		6.67	6.67	6.67	0.98	0.9	6.67	2.85 No	0.9 Element Fault
UPP082	126	'44012903_/_44012905'		10	10	10	1.46	10	10	4.27 No	1.46 Thermal Discharging
UPP082	127	'6895355_/_44011881_1'	3.33	3.33	3.33	0.49	0.4	3.33	1.42 No	0.4 Element Fault	
UPP082	128	'6894562_/_6894560'	3.33	3.33	3.33	0.49	0.4	3.33	1.42 No	0.4 Element Fault	
UPP082	129	'457668235_/_456188265'		10	10	10	1.46	10	10	4.27 No	1.46 Thermal Discharging
UPP082	130	'449302898_/_446287776'		10	10	10	1.46	10	10	4.27 No	1.46 Thermal Discharging
UPP082	131	'449304408_/_446287784'		10	10	10	1.46	10	10	4.27 No	1.46 Thermal Discharging
UPP082	132	'444185978_/_446287800'		10	10	10	1.46	4.6	10	4.27 No	1.46 Thermal Discharging
UPP082	133	'444185968_/_446287792'		10	10	10	1.46	4.5	10	4.27 No	1.46 Thermal Discharging
UPP082	134	'6900143_/_44012813'	3.33	3.33	3.33	0.49	0.5	3.33	1.42 No	0.49 Thermal Discharging	
UPP082	135	'44012205_/_44012218'	3.33	3.33	3.33	0.49	0.5	3.33	1.42 No	0.49 Thermal Discharging	
UPP082	136	'6900799_/_6900797'		10	10	10	1.46	10	10	4.27 No	1.46 Thermal Discharging
UPP082	137	'6883189_/_6900619_1'		10	10	10	1.46	1.5	10	4.27 No	1.46 Thermal Discharging
UPP082	138	'653749639_/_653749647'		10	10	10	1.46	4.5	10	4.27 No	1.46 Thermal Discharging
UPP082	139	'446066315_/_8407342'		10	10	10	1.46	4.6	10	4.27 No	1.46 Thermal Discharging
UPP082	140	'6898501_/_6898516'		10	10	10	1.46	1.6	10	4.27 No	1.46 Thermal Discharging
UPP082	141	'44012890_/_44012892'		10	10	10	1.46	10	10	4.27 No	1.46 Thermal Discharging
UPP082	142	'653749603_/_653749674'		10	10	10	1.46	4.5	10	4.27 No	1.46 Thermal Discharging
UPP082	143	'44011901_/_44011903'	3.33	3.33	3.33	0.49	0.4	3.33	1.42 No	0.4 Element Fault	
UPP082	144	'44011945_/_6894602'	3.33	3.33	3.33	0.49	0.4	3.33	1.42 No	0.4 Element Fault	
UPP082	145	'6894605_/_44011947'	3.33	3.33	3.33	0.49	0.3	3.33	1.42 No	0.3 Element Fault	
UPP082	146	'644867343_/_644867326'		10	10	10	1.46	4.5	10	4.27 No	1.46 Thermal Discharging
UPP082	147	'475594780_/_475594731_1'		10	10	10	1.46	1.4	10	4.27 No	1.4 Element Fault
UPP082	148	'44011992_/_6894771'	3.33	3.33	3.33	0.49	0.4	3.33	1.42 No	0.4 Element Fault	
UPP082	149	'6894826_/_6894823'	3.33	3.33	3.33	0.49	0.4	3.33	1.42 No	0.4 Element Fault	
UPP082	150	'6900766_/_6900780'		10	10	10	1.46	10	10	4.27 No	1.46 Thermal Discharging
UPP082	151	'644867449_/_644867504'		10	10	10	1.46	4.5	10	4.27 No	1.46 Thermal Discharging
UPP082	152	'6900749_/_6900763'		10	10	10	1.46	10	10	4.27 No	1.46 Thermal Discharging
UPP082	153	'7464359_/_456188223'		10	10	10	1.46	10	10	4.27 No	1.46 Thermal Discharging
UPP082	154	'644867496_/_644867475'		10	10	10	1.46	4.5	10	4.27 No	1.46 Thermal Discharging
UPP082	155	'6894093_/_6894103_1'	3.33	3.33	3.33	0.49	0.5	3.33	1.42 No	0.49 Thermal Discharging	
UPP082	156	'44013058_/_6894534'	3.33	3.33	3.33	0.49	0.5	3.33	1.42 No	0.49 Thermal Discharging	
UPP082	157	'44012877_/_44012879'		10	10	10	1.46	10	10	4.27 No	1.46 Thermal Discharging
UPP082	158	'6898692_/_6898690'		10	10	10	1.46	1.6	10	4.27 No	1.46 Thermal Discharging
UPP082	159	'9045723_/_9045721_1'		10	10	10	1.46	1.5	10	4.27 No	1.46 Thermal Discharging
UPP082	160	'6900675_/_6900729'		10	10	10	1.46	10	10	4.27 No	1.46 Thermal Discharging
UPP082	161	'6900674_/_6900672'		10	10	10	1.46	10	10	4.27 No	1.46 Thermal Discharging
UPP082	162	'8100128_/_8100126'		10	10	10	1.46	10	10	4.27 No	1.46 Thermal Discharging
UPP082	163	'6900144_/_6900141'	3.33	3.33	3.33	0.49	0.5	3.33	1.42 No	0.49 Thermal Discharging	
UPP082	164	'6900695_/_6900692'		10	10	10	1.46	10	10	4.27 No	1.46 Thermal Discharging
UPP082	165	'674893530_/_475594731_2'		10	10	10	1.46	1.4	10	4.27 No	1.4 Element Fault
UPP082	166	'9359323_/_9359456'		10	10	10	1.46	10	10	4.27 No	1.46 Thermal Discharging
UPP082	167	'6894839_/_6894836'	3.33	3.33	3.33	0.49	0.4	3.33	1.42 No	0.4 Element Fault	
UPP082	168	'8728432_/_8728430'	3.33	3.33	3.33	0.49	0.3	3.33	1.42 No	0.3 Element Fault	
UPP082	169	'8100088_/_9359320'		10	10	10	1.46	10	10	4.27 No	1.46 Thermal Discharging
UPP082	170	'6897367_/_6900709'		10	10	10	1.46	10	10	4.27 No	1.46 Thermal Discharging
UPP082	171	'6899605_/_6900619_2'		10	10	10	1.46	1.5	10	4.27 No	1.46 Thermal Discharging
UPP082	172	'8100089_/_8100086'		10	10	10	1.46	10	10	4.27 No	1.46 Thermal Discharging
UPP082	173	'44011484_/_6897365'		10	10	10	1.46	10	10	4.27 No	1.46 Thermal Discharging
UPP082	174	'6898898_/_6898908'	3.33	3.33	3.33	0.49	0.45	3.33	1.42 No	0.45 Element Fault	
UPP082	175	'6900568_/_6900585_1'		10	10	10	1.46	1.5	10	4.27 No	1.46 Thermal Discharging
UPP082	176	'6899880_/_44012196'	3.33	3.33	3.33	0.49	0.5	3.33	1.42 No	0.49 Thermal Discharging	
UPP082	177	'44012844_/_44012846'	3.33	3.33	3.33	0.49	1.5	3.33	1.42 No	0.49 Thermal Discharging	
UPP082	178	'6895354_/_44011881_2'	3.33	3.33	3.33	0.49	0.4	3.33	1.42 No	0.4 Element Fault	
UPP082	179	'6894485_/_6894495'	3.33	3.33	3.33	0.49	0.4	3.33	1.42 No	0.4 Element Fault	
UPP082	180	'6894576_/_6894589'	3.33	3.33	3.33	0.49	0.5	3.33	1.42 No	0.49 Thermal Discharging	
UPP082	181	'674893566_/_674893582'		10	10	10	1.46	1.4	10	4.27 No	1.4 Element Fault
UPP082	182	'68993782_/_44011486'		10	10	10	1.46	10	10	4.27 No	1.46 Thermal Discharging
UPP082	183	'6900869_/_6900866_2'	3.33	3.33	3.33	0.49	1.5	3.33	1.42 No	0.49 Thermal Discharging	
UPP082	184	'473240133_/_473239149'		10	10	10	1.46	1.6	10	4.27 No	1.46 Thermal Discharging
UPP082	185	'6893783_/_6896430_2'		6.67	6.67	6.67	0.98	3	6.67	2.85 No	0.98 Thermal Discharging
UPP082	186	'644867439_/_644867414'		10	10	10	1.46	4.5	10	4.27 No	1.46 Thermal Discharging
UPP082	187	'6897805_/_6897819'		10	10	10	1.46	10	10	4.27 No	1.46 Thermal Discharging
UPP082	188	'6893769_/_6897802'		10	10	10	1.46	10	10	4.27 No	1.46 Thermal Discharging
UPP082	189	'6894092_/_6894090'	3.33	3.33	3.33	0.49	0.5	3.33	1.42 No	0.49 Thermal Discharging	
UPP082	190	'6894786_/_44011994'	3.33	3.33	3.33	0.49	0.4	3.33	1.42 No	0.4 Element Fault	
UPP082	191	'6897787_/_6897785'		10	10	10	1.46	10	10	4.27 No	1.46 Thermal Discharging
UPP082	192	'6899606_/_6899603'		10	10	10	1.46	1.5	10	4.27 No	1.46 Thermal Discharging
UPP082	193	'6893754_/_6897839'		10	10	10	1.46	10	10	4.27 No	1.46 Thermal Discharging
UPP082	194	'6893770_/_6899564_2'	3.33	3.33	3.33	0.49	1	3.33	1.42 No	0.49 Thermal Discharging	
UPP082	195	'566212174_/_566212178'	3.33	3.33	3.33	0.49	0.45	3.33	1.42 No	0.45 Element Fault	
UPP082	196	'458672796_/_7778141'		10	10	10	1.46	4.6	10	4.27 No	1.46 Thermal Discharging
UPP082	197	'6893753_/_6893751'	3.33	3.33	3.33	0.49	0.4	3.33	1.42 No	0.4 Element Fault	
UPP082	198	'6897876_/_6897890'		10	10	10	1.46	10	10	4.27 No	1.46 Thermal Discharging
UPP082	199	'44012049_/_6899694'		10	10	10	1.46	1.5	10	4.27 No	1.46 Thermal Discharging
UPP082	200	'6894472_/_6894482'	3.33	3.33	3.33	0.49	0.4	3.33	1.42 No	0.4 Element Fault	
UPP082	201	'720908098_/_473239166'		10	10	10	1.46	1.6	10	4.27 No	1.46 Thermal Discharging
UPP082	202	'6897859_/_6897873'		10	10	10	1.46	10	10	4.27 No	1.46 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
UPP082	203	'44012025_/6894914'		3.33	3.33	3.33	0.49	0.4	3.33	1.42 No	0.4 Element Fault
UPP082	204	'6900856_/6900866_1'		3.33	3.33	3.33	0.49	0.7	3.33	1.42 No	0.49 Thermal Discharging
UPP082	205	'6899736_/44012756_2'		3.33	3.33	3.33	0.49	1	3.33	1.42 No	0.49 Thermal Discharging
UPP082	206	'44011912_/44011914'		3.33	3.33	3.33	0.49	0.5	3.33	1.42 No	0.49 Thermal Discharging
UPP082	207	'644867886_/644867545_1'		10	10	10	1.46	4.5	10	4.27 No	1.46 Thermal Discharging
UPP082	208	'6895790_/6895787'		3.33	3.33	3.33	0.49	0.4	3.33	1.42 No	0.4 Element Fault
UPP082	209	'6897504_/6897856'		10	10	10	1.46	10	10	4.27 No	1.46 Thermal Discharging
UPP082	210	'6883112_/6897978'		10	10	10	1.46	10	10	4.27 No	1.46 Thermal Discharging
UPP082	211	'6899566_/6899564_1'		3.33	3.33	3.33	0.49	1	3.33	1.42 No	0.49 Thermal Discharging
UPP082	212	'6899623_/44012051'		10	10	10	1.46	1.5	10	4.27 No	1.46 Thermal Discharging
UPP082	213	'44011775_/44011777'		3.33	3.33	3.33	0.49	1	3.33	1.42 No	0.49 Thermal Discharging
UPP082	214	'44012467_/6896430_1'		6.67	6.67	6.67	0.98	1	6.67	2.85 No	0.98 Thermal Discharging
UPP082	215	'6894267_/6900585_2'		10	10	10	1.46	1.5	10	4.27 No	1.46 Thermal Discharging
UPP082	216	'44012432_/6883110'		10	10	10	1.46	10	10	4.27 No	1.46 Thermal Discharging
UPP082	217	'44011497_/6894380'		6.67	6.67	6.67	0.98	2.1	6.67	2.85 No	0.98 Thermal Discharging
UPP082	218	'6897487_/6897501'		10	10	10	1.46	10	10	4.27 No	1.46 Thermal Discharging
UPP082	219	'6894357_/6894354_2'		3.33	3.33	3.33	0.49	1	3.33	1.42 No	0.49 Thermal Discharging
UPP082	220	'6883059_/44012434'		10	10	10	1.46	10	10	4.27 No	1.46 Thermal Discharging
UPP082	221	'6894299_/6894297_1'		6.67	6.67	6.67	0.98	1	6.67	2.85 No	0.98 Thermal Discharging
UPP082	222	'6893740_/6897484'		10	10	10	1.46	10	10	4.27 No	1.46 Thermal Discharging
UPP082	223	'44012003_/6894784'		3.33	3.33	3.33	0.49	0.4	3.33	1.42 No	0.4 Element Fault
UPP082	224	'6894038_/6898895'		3.33	3.33	3.33	0.49	0.45	3.33	1.42 No	0.45 Element Fault
UPP082	225	'6893741_/6895774_1'		3.33	3.33	3.33	0.49	0.4	3.33	1.42 No	0.4 Element Fault
UPP082	226	'6901271_/6901268'		10	10	10	1.46	10	10	4.27 No	1.46 Thermal Discharging
UPP082	227	'44011728_/44011730'		3.33	3.33	3.33	0.49	0.5	3.33	1.42 No	0.49 Thermal Discharging
UPP082	228	'6897453_/6897467'		10	10	10	1.46	10	10	4.27 No	1.46 Thermal Discharging
UPP082	229	'44012754_/44012756_1'		3.33	3.33	3.33	0.49	0.4	3.33	1.42 No	0.4 Element Fault
UPP082	230	'6897436_/6897450'		10	10	10	1.46	10	10	4.27 No	1.46 Thermal Discharging
UPP082	231	'44012938_/6901356'		10	10	10	1.46	10	10	4.27 No	1.46 Thermal Discharging
UPP082	232	'6900855_/6900853'		3.33	3.33	3.33	0.49	0.7	3.33	1.42 No	0.49 Thermal Discharging
UPP082	233	'6901287_/6901285_1'		10	10	10	1.46	10	10	4.27 No	1.46 Thermal Discharging
UPP082	234	'44012456_/44012458'		3.33	3.33	3.33	0.49	0.4	3.33	1.42 No	0.4 Element Fault
UPP082	235	'6901288_/6901285_2'		10	10	10	1.46	10	10	4.27 No	1.46 Thermal Discharging
UPP082	236	'6894459_/6894469'		3.33	3.33	3.33	0.49	0.4	3.33	1.42 No	0.4 Element Fault
UPP082	237	'6895856_/6895774_2'		3.33	3.33	3.33	0.49	0.4	3.33	1.42 No	0.4 Element Fault
UPP082	238	'6895756_/6897433'		10	10	10	1.46	10	10	4.27 No	1.46 Thermal Discharging
UPP082	239	'44011808_/44011810'		6.67	6.67	6.67	0.98	2.1	6.67	2.85 No	0.98 Thermal Discharging
UPP082	240	'6897402_/6897416'		10	10	10	1.46	10	10	4.27 No	1.46 Thermal Discharging
UPP082	241	'45099370_/6897225'		3.33	3.33	3.33	0.49	0.5	3.33	1.42 No	0.49 Thermal Discharging
UPP082	242	'6894268_/6894265'		10	10	10	1.46	1.5	10	4.27 No	1.46 Thermal Discharging
UPP082	243	'44012951_/6901336'		10	10	10	1.46	10	10	4.27 No	1.46 Thermal Discharging
UPP082	244	'6896168_/6896417'		3.33	3.33	3.33	0.49	0.3	3.33	1.42 No	0.3 Element Fault
UPP082	245	'44011866_/6899711'		10	10	10	1.46	1.5	10	4.27 No	1.46 Thermal Discharging
UPP082	246	'6899403_/6899400_2'		6.67	6.67	6.67	0.98	2.1	6.67	2.85 No	0.98 Thermal Discharging
UPP082	247	'7777755_/9045107'		3.33	3.33	3.33	0.49	1.53	3.33	1.42 No	0.49 Thermal Discharging
UPP082	248	'44011460_/44011462'		10	10	10	1.46	10	10	4.27 No	1.46 Thermal Discharging
UPP082	249	'6901305_/6901302'		10	10	10	1.46	10	10	4.27 No	1.46 Thermal Discharging
UPP082	250	'44012062_/6899637'		10	10	10	1.46	1.5	10	4.27 No	1.46 Thermal Discharging
UPP082	251	'458030593_/452315826'		10	10	10	1.46	4.6	10	4.27 No	1.46 Thermal Discharging
UPP082	252	'457637491_/452315765'		10	10	10	1.46	4.6	10	4.27 No	1.46 Thermal Discharging
UPP082	253	'458030384_/452315749'		10	10	10	1.46	4.6	10	4.27 No	1.46 Thermal Discharging
UPP082	254	'458030390_/452315757'		10	10	10	1.46	4.6	10	4.27 No	1.46 Thermal Discharging
UPP082	255	'458030378_/452315741'		10	10	10	1.46	4.6	10	4.27 No	1.46 Thermal Discharging
UPP082	256	'644867817_/644867580'		10	10	10	1.46	4.5	10	4.27 No	1.46 Thermal Discharging
UPP082	257	'383614822_/381438779_1'		3.33	3.33	3.33	0.49	0.4	3.33	1.42 No	0.4 Element Fault
UPP082	258	'44012419_/6895754'		10	10	10	1.46	4.5	10	4.27 No	1.46 Thermal Discharging
UPP082	259	'6897384_/6897382'		10	10	10	1.46	10	10	4.27 No	1.46 Thermal Discharging
UPP082	260	'44009501_/452316340'		10	10	10	1.46	4.6	10	4.27 No	1.46 Thermal Discharging
UPP082	261	'458030617_/452316155_2'		10	10	10	1.46	4.6	10	4.27 No	1.46 Thermal Discharging
UPP082	262	'6899753_/44011868'		10	10	10	1.46	1.5	10	4.27 No	1.46 Thermal Discharging
UPP082	263	'452316147_/452316155_1'		10	10	10	1.46	4.6	10	4.27 No	1.46 Thermal Discharging
UPP082	264	'44011786_/6894354_1'		3.33	3.33	3.33	0.49	0.5	3.33	1.42 No	0.49 Thermal Discharging
UPP082	265	'457637328_/452316373_1'		10	10	10	1.46	4.6	10	4.27 No	1.46 Thermal Discharging
UPP082	266	'452316223_/452316231'		10	10	10	1.46	4.6	10	4.27 No	1.46 Thermal Discharging
UPP082	267	'44012626_/6899780'		3.33	3.33	3.33	0.49	1	3.33	1.42 No	0.49 Thermal Discharging
UPP082	268	'7777756_/7777753'		3.33	3.33	3.33	0.49	1.53	3.33	1.42 No	0.49 Thermal Discharging
UPP082	269	'6887041_/6887055'		10	10	10	1.46	4.6	10	4.27 No	1.46 Thermal Discharging
UPP082	270	'6894787_/44012005'		3.33	3.33	3.33	0.49	0.4	3.33	1.42 No	0.4 Element Fault
UPP082	271	'6896142_/6896481'		3.33	3.33	3.33	0.49	0.4	3.33	1.42 No	0.4 Element Fault
UPP082	272	'6883075_/6883073'		10	10	10	1.46	10	10	4.27 No	1.46 Thermal Discharging
UPP082	273	'6899795_/6899793'		3.33	3.33	3.33	0.49	0.4	3.33	1.42 No	0.4 Element Fault
UPP082	274	'44011763_/6894297_2'		6.67	6.67	6.67	0.98	1	6.67	2.85 No	0.98 Thermal Discharging
UPP082	275	'44009488_/6887038'		10	10	10	1.46	4.6	10	4.27 No	1.46 Thermal Discharging
UPP082	276	'52790715_/52790682_1'		10	10	10	1.46	1.5	10	4.27 No	1.46 Thermal Discharging
UPP082	277	'6896464_/44012421'		10	10	10	1.46	1.4	10	4.27 No	1.4 Element Fault
UPP082	278	'6894852_/6894849'		3.33	3.33	3.33	0.49	0.4	3.33	1.42 No	0.4 Element Fault
UPP082	279	'381438782_/381438779_2'		3.33	3.33	3.33	0.49	0.4	3.33	1.42 No	0.4 Element Fault
UPP082	280	'458584795_/447287484_1'		10	10	10	1.46	1.4	10	4.27 No	1.4 Element Fault
UPP082	281	'6895857_/6895854_1'		3.33	3.33	3.33	0.49	0.4	3.33	1.42 No	0.4 Element Fault
UPP082	282	'6899126_/6899124'		10	10	10	1.46	10	10	4.27 No	1.46 Thermal Discharging
UPP082	283	'6899659_/44012064'		10	10	10	1.46	1.5	10	4.27 No	1.46 Thermal Discharging
UPP082	284	'6886506_/6887072'		10	10	10	1.46	4.6	10	4.27 No	1.46 Thermal Discharging
UPP082	285	'9360051_/9671940_1'		3.33	3.33	3.33	0.49	0.4	3.33	1.42 No	0.4 Element Fault
UPP082	286	'6899388_/6899400_1'		6.67	6.67	6.67	0.98	1	6.67	2.85 No	0.98 Thermal Discharging
UPP082	287	'6894066_/6894077'		3.33	3.33	3.33	0.49	0.5	3.33	1.42 No	0.49 Thermal Discharging
UPP082	288	'9044857_/452316609'		10	10	10	1.46	4.6	10	4.27 No	1.46 Thermal Discharging
UPP082	289	'6896316_/44012469'		6.67	6.67	6.67	0.98	1	6.67	2.85 No	0.98 Thermal Discharging
UPP082	290	'6894458_/6894456'		3.33	3.33	3.33	0.49	0.4	3.33	1.42 No	0.4 Element Fault
UPP082	291	'44011672_/44011674'		3.33	3.33	3.33	0.49	0.45	3.33	1.42 No	0.45 Element Fault
UPP082	292	'44012490_/6895854_2'		3.33	3.33	3.33	0.49	0.4	3.33	1.42 No	0.4 Element Fault
UPP082	293	'6896143_/6896140'		3.33	3.33	3.33	0.49	0.4	3.33	1.42 No	0.4 Element Fault
UPP082	294	'381438802_/381438799'		3.33	3.33	3.33	0.49	0.4	3.33	1.42 No	0.4 Element Fault
UPP082	295	'44012593_/6896166'		3.33	3.33	3.33	0.49	0.3	3.33	1.42 No	0.3 Element Fault
UPP082	296	'43947224_/7111903'		10	10	10	1.46	10	10	4.27 No	1.46 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Over- Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
UPP082	297	'9671943_/_9671940_2'		3.33	3.33	3.33	0.49	0.4	3.33	1.42 No	0.4 Element Fault
UPP082	298	'8100561_/_8407958_1'		3.33	3.33	3.33	0.49	0.3	3.33	1.42 No	0.3 Element Fault
UPP082	299	'52790685_/_52790682_2'		10	10	10	1.46	1.5	10	4.27 No	1.46 Thermal Discharging
UPP082	300	'6886507_/_6886504'		10	10	10	1.46	4.6	10	4.27 No	1.46 Thermal Discharging
UPP082	301	'6900605_/_6900602'		10	10	10	1.46	1.5	10	4.27 No	1.46 Thermal Discharging
UPP082	302	'6899434_/_6899431'		3.33	3.33	3.33	0.49	0.5	3.33	1.42 No	0.49 Thermal Discharging
UPP082	303	'52790769_/_52790733_1'		10	10	10	1.46	0.9	10	4.27 No	0.9 Element Fault
UPP082	304	'6594279_/_6594293'		10	10	10	1.46	10	10	4.27 No	1.46 Thermal Discharging
UPP082	305	'6894865_/_6894862'		3.33	3.33	3.33	0.49	0.4	3.33	1.42 No	0.4 Element Fault
UPP082	306	'6580277_/_6594276'		10	10	10	1.46	10	10	4.27 No	1.46 Thermal Discharging
UPP082	307	'458584699_/_447287484_2'		10	10	10	1.46	1.4	10	4.27 No	1.4 Element Fault
UPP082	308	'6894369_/_6894367'		3.33	3.33	3.33	0.49	0.5	3.33	1.42 No	0.49 Thermal Discharging
UPP082	309	'6886530_/_6886527'		10	10	10	1.46	4.6	10	4.27 No	1.46 Thermal Discharging
UPP082	310	'491091986_/_452316499'		10	10	10	1.46	4.6	10	4.27 No	1.46 Thermal Discharging
UPP082	311	'6895869_/_44012492'		3.33	3.33	3.33	0.49	0.4	3.33	1.42 No	0.4 Element Fault
UPP082	312	'8407961_/_8407958_2'		3.33	3.33	3.33	0.49	0.3	3.33	1.42 No	0.3 Element Fault
UPP082	313	'6594232_/_6594243_2'		3.33	3.33	3.33	0.49	1	3.33	1.42 No	0.49 Thermal Discharging
UPP082	314	'6584323_/_6584337'		10	10	10	1.46	10	10	4.27 No	1.46 Thermal Discharging
UPP082	315	'6894067_/_6894064'		3.33	3.33	3.33	0.49	0.5	3.33	1.42 No	0.49 Thermal Discharging
UPP082	316	'44011820_/_6899504'		6.67	6.67	6.67	0.98	1	6.67	2.85 No	0.98 Thermal Discharging
UPP082	317	'44012581_/_6896386'		6.67	6.67	6.67	0.98	1	6.67	2.85 No	0.98 Thermal Discharging
UPP082	318	'6899783_/_44012628'		3.33	3.33	3.33	0.49	1	3.33	1.42 No	0.49 Thermal Discharging
UPP082	319	'6893797_/_6894282'		6.67	6.67	6.67	0.98	1	6.67	2.85 No	0.98 Thermal Discharging
UPP082	320	'6886550_/_6886547'		10	10	10	1.46	4.6	10	4.27 No	1.46 Thermal Discharging
UPP082	321	'6584306_/_6584320'		10	10	10	1.46	10	10	4.27 No	1.46 Thermal Discharging
UPP082	322	'458584802_/_447287458_1'		10	10	10	1.46	1.4	10	4.27 No	1.4 Element Fault
UPP082	323	'108711418_/_6886564'		10	10	10	1.46	4.6	10	4.27 No	1.46 Thermal Discharging
UPP082	324	'9045744_/_9045741'		10	10	10	1.46	1.4	10	4.27 No	1.4 Element Fault
UPP082	325	'44802351_/_6896182'		3.33	3.33	3.33	0.49	0.3	3.33	1.42 No	0.3 Element Fault
UPP082	326	'108711754_/_108711582_1'		10	10	10	1.46	4.6	10	4.27 No	1.46 Thermal Discharging
UPP082	327	'6899447_/_6899444'		3.33	3.33	3.33	0.49	0.5	3.33	1.42 No	0.49 Thermal Discharging
UPP082	328	'6894997_/_6899657'		10	10	10	1.46	1.5	10	4.27 No	1.46 Thermal Discharging
UPP082	329	'43947211_/_6584303'		10	10	10	1.46	10	10	4.27 No	1.46 Thermal Discharging
UPP082	330	'6899387_/_6899385'		6.67	6.67	6.67	0.98	1	6.67	2.85 No	0.98 Thermal Discharging
UPP082	331	'44012445_/_6896153'		3.33	3.33	3.33	0.49	0.4	3.33	1.42 No	0.4 Element Fault
UPP082	332	'381438822_/_381438819'		3.33	3.33	3.33	0.49	0.4	3.33	1.42 No	0.4 Element Fault
UPP082	333	'491092001_/_491091633'		10	10	10	1.46	4.6	10	4.27 No	1.46 Thermal Discharging
UPP082	334	'6894878_/_6894875'		3.33	3.33	3.33	0.49	0.4	3.33	1.42 No	0.4 Element Fault
UPP082	335	'6584272_/_6584286'		10	10	10	1.46	10	10	4.27 No	1.46 Thermal Discharging
UPP082	336	'6897303_/_44012734_2'		3.33	3.33	3.33	0.49	0.5	3.33	1.42 No	0.49 Thermal Discharging
UPP082	337	'6894037_/_6894035'		3.33	3.33	3.33	0.49	0.45	3.33	1.42 No	0.45 Element Fault
UPP082	338	'6895870_/_6895867'		3.33	3.33	3.33	0.49	0.4	3.33	1.42 No	0.4 Element Fault
UPP082	339	'6584255_/_6584269'		10	10	10	1.46	10	10	4.27 No	1.46 Thermal Discharging
UPP082	340	'6899421_/_6899473'		3.33	3.33	3.33	0.49	0.5	3.33	1.42 No	0.49 Thermal Discharging
UPP082	341	'108711573_/_108711582_2'		10	10	10	1.46	4.6	10	4.27 No	1.46 Thermal Discharging
UPP082	342	'446066238_/_9045123'		3.33	3.33	3.33	0.49	1.53	3.33	1.42 No	0.49 Thermal Discharging
UPP082	343	'43947237_/_6580275'		10	10	10	1.46	4.5	10	4.27 No	1.46 Thermal Discharging
UPP082	344	'52790726_/_52790733_2'		10	10	10	1.46	0.9	10	4.27 No	0.9 Element Fault
UPP082	345	'6584238_/_6584252'		10	10	10	1.46	10	10	4.27 No	1.46 Thermal Discharging
UPP082	346	'6580278_/_9661550_2'		10	10	10	1.46	4.5	10	4.27 No	1.46 Thermal Discharging
UPP082	347	'108711747_/_108711599_1'		10	10	10	1.46	4.6	10	4.27 No	1.46 Thermal Discharging
UPP082	348	'6901950_/_6894888'		3.33	3.33	3.33	0.49	0.4	3.33	1.42 No	0.4 Element Fault
UPP082	349	'108711489_/_108711599_2'		10	10	10	1.46	4.6	10	4.27 No	1.46 Thermal Discharging
UPP082	350	'43947198_/_43947200'		10	10	10	1.46	10	10	4.27 No	1.46 Thermal Discharging
UPP082	351	'6574782_/_6594243_1'		3.33	3.33	3.33	0.49	0.5	3.33	1.42 No	0.49 Thermal Discharging
UPP082	352	'491091767_/_491091677'		10	10	10	1.46	4.6	10	4.27 No	1.46 Thermal Discharging
UPP082	353	'6584204_/_6584218'		10	10	10	1.46	10	10	4.27 No	1.46 Thermal Discharging
UPP082	354	'44010856_/_108711497'		10	10	10	1.46	4.5	10	4.27 No	1.46 Thermal Discharging
UPP082	355	'6894119_/_6899525'		3.33	3.33	3.33	0.49	0.5	3.33	1.42 No	0.49 Thermal Discharging
UPP082	356	'44011473_/_6893795'		6.67	6.67	6.67	0.98	1	6.67	2.85 No	0.98 Thermal Discharging
UPP082	357	'6584203_/_6584201'		10	10	10	1.46	10	10	4.27 No	1.46 Thermal Discharging
UPP082	358	'44012732_/_44012734_1'		3.33	3.33	3.33	0.49	0.3	3.33	1.42 No	0.3 Element Fault
UPP082	359	'6580358_/_6594213'		10	10	10	1.46	10	10	4.27 No	1.46 Thermal Discharging
UPP082	360	'6900897_/_6900895'		3.33	3.33	3.33	0.49	0.5	3.33	1.42 No	0.49 Thermal Discharging
UPP082	361	'6896496_/_6896524'		6.67	6.67	6.67	0.98	1	6.67	2.85 No	0.98 Thermal Discharging
UPP082	362	'6896156_/_44012447'		3.33	3.33	3.33	0.49	0.4	3.33	1.42 No	0.4 Element Fault
UPP082	363	'381438836_/_381438833'		3.33	3.33	3.33	0.49	0.4	3.33	1.42 No	0.4 Element Fault
UPP082	364	'6882037_/_44010871'		10	10	10	1.46	4.6	10	4.27 No	1.46 Thermal Discharging
UPP082	365	'6895883_/_6895880'		3.33	3.33	3.33	0.49	0.4	3.33	1.42 No	0.4 Element Fault
UPP082	366	'6584187_/_6594196'		10	10	10	1.46	10	10	4.27 No	1.46 Thermal Discharging
UPP082	367	'7777860_/_9044927_1'		9	10	10	1.46	1.4	10	4.27 No	1.4 Element Fault
UPP082	368	'44011831_/_6899460'		3.33	3.33	3.33	0.49	0.5	3.33	1.42 No	0.49 Thermal Discharging
UPP082	369	'6886473_/_6886470'		10	10	10	1.46	4.6	10	4.27 No	1.46 Thermal Discharging
UPP082	370	'6894118_/_6897212_2'		3.33	3.33	3.33	0.49	0.5	3.33	1.42 No	0.49 Thermal Discharging
UPP082	371	'6894344_/_6899418'		3.33	3.33	3.33	0.49	0.5	3.33	1.42 No	0.49 Thermal Discharging
UPP082	372	'7777880_/_8407146_1'		10	10	10	1.46	1.5	10	4.27 No	1.46 Thermal Discharging
UPP082	373	'43947185_/_6584184'		10	10	10	1.46	10	10	4.27 No	1.46 Thermal Discharging
UPP082	374	'49233939_/_43945319_2'		3.33	3.33	3.33	0.49	1.1	3.33	1.42 No	0.49 Thermal Discharging
UPP082	375	'491092030_/_491091725'		10	10	10	1.46	4.6	10	4.27 No	1.46 Thermal Discharging
UPP082	376	'470790484_/_452317007'		10	10	10	1.46	4.6	10	4.27 No	1.46 Thermal Discharging
UPP082	377	'43947171_/_43947173'		10	10	10	1.46	10	10	4.27 No	1.46 Thermal Discharging
UPP082	378	'6896497_/_6896494'		6.67	6.67	6.67	0.98	1	6.67	2.85 No	0.98 Thermal Discharging
UPP082	379	'491091938_/_6889531_1'		10	10	10	1.46	4.5	10	4.27 No	1.46 Thermal Discharging
UPP082	380	'8407149_/_8407146_2'		10	10	10	1.46	1.5	10	4.27 No	1.46 Thermal Discharging
UPP082	381	'6894980_/_6894994'		10	10	10	1.46	1.5	10	4.27 No	1.46 Thermal Discharging
UPP082	382	'6584152_/_6584167'		10	10	10	1.46	10	10	4.27 No	1.46 Thermal Discharging
UPP082	383	'6900910_/_44012857'		3.33	3.33	3.33	0.49	0.5	3.33	1.42 No	0.49 Thermal Discharging
UPP082	384	'8089346_/_8089344_1'		10	10	10	1.46	1.4	10	4.27 No	1.4 Element Fault
UPP082	385	'6580357_/_43945319_1'		3.33	3.33	3.33	0.49	0.4	3.33	1.42 No	0.4 Element Fault
UPP082	386	'43947158_/_43947160'		10	10	10	1.46	10	10	4.27 No	1.46 Thermal Discharging
UPP082	387	'6574783_/_6574780'		3.33	3.33	3.33	0.49	0.5	3.33	1.42 No	0.49 Thermal Discharging
UPP082	388	'470790480_/_6889531_2'		10	10	10	1.46	4.5	10	4.27 No	1.46 Thermal Discharging
UPP082	389	'6897302_/_6897300'		3.33	3.33	3.33	0.49	0.3	3.33	1.42 No	0.3 Element Fault
UPP082	390	'6583949_/_6591470'		10	10	10	1.46	10	10	4.27 No	1.46 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over- Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
UPP082	391	'6897199_/_6897212_1'		3.33	3.33	3.33	0.49	0.5	3.33	1.42	No 0.49 Thermal Discharging
UPP082	392	'6583932_/_6583946'		10	10	10	1.46	10	10	4.27	No 1.46 Thermal Discharging
UPP082	393	'6900971_/_6900986'		6.67	6.67	6.67	0.98	1	6.67	2.85	No 0.98 Thermal Discharging
UPP082	394	'9661553_/_9661550_1'		10	10	10	1.46	1.5	10	4.27	No 1.46 Thermal Discharging
UPP082	395	'6894328_/_6894341'		3.33	3.33	3.33	0.49	0.5	3.33	1.42	No 0.49 Thermal Discharging
UPP082	396	'44012479_/_6896448'		3.33	3.33	3.33	0.49	0.5	3.33	1.42	No 0.49 Thermal Discharging
UPP082	397	'422362973_/_6583929'		10	10	10	1.46	10	10	4.27	No 1.46 Thermal Discharging
UPP082	398	'44012604_/_6901053'		3.33	3.33	3.33	0.49	0.4	3.33	1.42	No 0.4 Element Fault
UPP082	399	'470790482_/_452316706'		10	10	10	1.46	4.5	10	4.27	No 1.46 Thermal Discharging
UPP082	400	'6894979_/_6894977'		10	10	10	1.46	1.5	10	4.27	No 1.46 Thermal Discharging
UPP082	401	'44012501_/_6901027'		3.33	3.33	3.33	0.49	0.4	3.33	1.42	No 0.4 Element Fault
UPP082	402	'6594653_/_6594651'		10	10	10	1.46	10	10	4.27	No 1.46 Thermal Discharging
UPP082	403	'6894144_/_6899538'		3.33	3.33	3.33	0.49	0.5	3.33	1.42	No 0.49 Thermal Discharging
UPP082	404	'6594670_/_6594668'		10	10	10	1.46	10	10	4.27	No 1.46 Thermal Discharging
UPP082	405	'8089347_/_8089344_2'		10	10	10	1.46	1.4	10	4.27	No 1.4 Element Fault
UPP082	406	'44012569_/_6896509'		6.67	6.67	6.67	0.98	1	6.67	2.85	No 0.98 Thermal Discharging
UPP082	407	'6899463_/_44011833'		3.33	3.33	3.33	0.49	0.5	3.33	1.42	No 0.49 Thermal Discharging
UPP082	408	'6594259_/_6594685'		10	10	10	1.46	10	10	4.27	No 1.46 Thermal Discharging
UPP082	409	'6895319_/_6895331'		6.67	6.67	6.67	0.98	1	6.67	2.85	No 0.98 Thermal Discharging
UPP082	410	'419827430_/_419827432'		10	10	10	1.46	10	10	4.27	No 1.46 Thermal Discharging
UPP082	411	'423509471_/_419827487_1'		10	10	10	1.46	10	10	4.27	No 1.46 Thermal Discharging
UPP082	412	'419827514_/_419827487_2'		10	10	10	1.46	10	10	4.27	No 1.46 Thermal Discharging
UPP082	413	'6897328_/_6897352'		3.33	3.33	3.33	0.49	0.3	3.33	1.42	No 0.3 Element Fault
UPP082	414	'6591410_/_6594256'		10	10	10	1.46	10	10	4.27	No 1.46 Thermal Discharging
UPP082	415	'6591411_/_6591408'		10	10	10	1.46	10	10	4.27	No 1.46 Thermal Discharging
UPP082	416	'7478956_/_8739100'		10	10	10	1.46	1.5	10	4.27	No 1.46 Thermal Discharging
UPP082	417	'6594569_/_6594566'		10	10	10	1.46	10	10	4.27	No 1.46 Thermal Discharging
UPP082	418	'6591376_/_6594583'		10	10	10	1.46	10	10	4.27	No 1.46 Thermal Discharging
UPP082	419	'44012075_/_6895420'		10	10	10	1.46	1.5	10	4.27	No 1.46 Thermal Discharging
UPP082	420	'419827689_/_419827521'		10	10	10	1.46	10	10	4.27	No 1.46 Thermal Discharging
UPP082	421	'421968788_/_6591373_2'		3.33	3.33	3.33	0.49	1.5	3.33	1.42	No 0.49 Thermal Discharging
UPP082	422	'436909458_/_419827698_1'		10	10	10	1.46	10	10	4.27	No 1.46 Thermal Discharging
UPP082	423	'419827599_/_419827698_2'		10	10	10	1.46	10	10	4.27	No 1.46 Thermal Discharging
UPP082	424	'44012927_/_6901014'		3.33	3.33	3.33	0.49	0.5	3.33	1.42	No 0.49 Thermal Discharging
UPP082	425	'44012916_/_6901001'		3.33	3.33	3.33	0.49	0.5	3.33	1.42	No 0.49 Thermal Discharging
UPP082	426	'6574796_/_6574793'		3.33	3.33	3.33	0.49	0.5	3.33	1.42	No 0.49 Thermal Discharging
UPP082	427	'6583897_/_6591391'		10	10	10	1.46	10	10	4.27	No 1.46 Thermal Discharging
UPP082	428	'6887006_/_6889635'		10	10	10	1.46	4.5	10	4.27	No 1.46 Thermal Discharging
UPP082	429	'43947315_/_43947317'		10	10	10	1.46	10	10	4.27	No 1.46 Thermal Discharging
UPP082	430	'491092104_/_7464337_1'		10	10	10	1.46	4.5	10	4.27	No 1.46 Thermal Discharging
UPP082	431	'436909536_/_419827928_1'		10	10	10	1.46	10	10	4.27	No 1.46 Thermal Discharging
UPP082	432	'6900970_/_6900968'		6.67	6.67	6.67	0.98	1	6.67	2.85	No 0.98 Thermal Discharging
UPP082	433	'429845484_/_419827928_2'		10	10	10	1.46	10	10	4.27	No 1.46 Thermal Discharging
UPP082	434	'455516206_/_6578543_2'		3.33	3.33	3.33	0.49	1.1	3.33	1.42	No 0.49 Thermal Discharging
UPP082	435	'6894054_/_6897196'		3.33	3.33	3.33	0.49	0.5	3.33	1.42	No 0.49 Thermal Discharging
UPP082	436	'6583898_/_6583895'		10	10	10	1.46	10	10	4.27	No 1.46 Thermal Discharging
UPP082	437	'6900911_/_6900908'		3.33	3.33	3.33	0.49	0.5	3.33	1.42	No 0.49 Thermal Discharging
UPP082	438	'6901056_/_44012606'		3.33	3.33	3.33	0.49	0.4	3.33	1.42	No 0.4 Element Fault
UPP082	439	'44012182_/_44012184'		6.67	6.67	6.67	0.98	1	6.67	2.85	No 0.98 Thermal Discharging
UPP082	440	'6896198_/_6896195'		3.33	3.33	3.33	0.49	0.5	3.33	1.42	No 0.49 Thermal Discharging
UPP082	441	'6591361_/_6591373_1'		3.33	3.33	3.33	0.49	0.5	3.33	1.42	No 0.49 Thermal Discharging
UPP082	442	'6582108_/_6583912'		10	10	10	1.46	10	10	4.27	No 1.46 Thermal Discharging
UPP082	443	'37974090_/_7478954'		10	10	10	1.46	1.5	10	4.27	No 1.46 Thermal Discharging
UPP082	444	'37974055_/_37974094'		10	10	10	1.46	1.5	10	4.27	No 1.46 Thermal Discharging
UPP082	445	'37974062_/_37974066'		10	10	10	1.46	1.5	10	4.27	No 1.46 Thermal Discharging
UPP082	446	'37974076_/_37974080'		10	10	10	1.46	1.5	10	4.27	No 1.46 Thermal Discharging
UPP082	447	'37974048_/_37974052'		10	10	10	1.46	1.5	10	4.27	No 1.46 Thermal Discharging
UPP082	448	'455516216_/_419827601_1'		10	10	10	1.46	0.9	10	4.27	No 0.9 Element Fault
UPP082	449	'6901030_/_44012503'		3.33	3.33	3.33	0.49	0.4	3.33	1.42	No 0.4 Element Fault
UPP082	450	'418694002_/_43947670_2'		3.33	3.33	3.33	0.49	1.5	3.33	1.42	No 0.49 Thermal Discharging
UPP082	451	'6894145_/_6894142'		3.33	3.33	3.33	0.49	0.5	3.33	1.42	No 0.49 Thermal Discharging
UPP082	452	'6896512_/_44012571'		6.67	6.67	6.67	0.98	1	6.67	2.85	No 0.98 Thermal Discharging
UPP082	453	'6578564_/_419827601_2'		10	10	10	1.46	0.9	10	4.27	No 0.9 Element Fault
UPP082	454	'429845499_/_419828049'		10	10	10	1.46	10	10	4.27	No 1.46 Thermal Discharging
UPP082	455	'6579937_/_6584482'		10	10	10	1.46	10	10	4.27	No 1.46 Thermal Discharging
UPP082	456	'6578531_/_6578543_1'		3.33	3.33	3.33	0.49	0.8	3.33	1.42	No 0.49 Thermal Discharging
UPP082	457	'419828018_/_419827990'		10	10	10	1.46	10	10	4.27	No 1.46 Thermal Discharging
UPP082	458	'455516137_/_433096183_2'		10	10	10	1.46	10	10	4.27	No 1.46 Thermal Discharging
UPP082	459	'9369885_/_9369942'		10	10	10	1.46	1.5	10	4.27	No 1.46 Thermal Discharging
UPP082	460	'422363286_/_6579935_1'		3.33	3.33	3.33	0.49	0.4	3.33	1.42	No 0.4 Element Fault
UPP082	461	'434984688_/_433096183_1'		10	10	10	1.46	10	10	4.27	No 1.46 Thermal Discharging
UPP082	462	'438212595_/_433095928_2'		10	10	10	1.46	10	10	4.27	No 1.46 Thermal Discharging
UPP082	463	'429845667_/_419828020_1'		3.33	3.33	3.33	0.49	0.5	3.33	1.42	No 0.49 Thermal Discharging
UPP082	464	'438212588_/_6580859_2'		3.33	3.33	3.33	0.49	3.33	3.33	1.42	No 0.49 Thermal Discharging
UPP082	465	'6578514_/_6578579'		3.33	3.33	3.33	0.49	0.3	3.33	1.42	No 0.3 Element Fault
UPP082	466	'433096061_/_433095928_1'		10	10	10	1.46	10	10	4.27	No 1.46 Thermal Discharging
UPP082	467	'6580861_/_6580859_1'		3.33	3.33	3.33	0.49	0.4	3.33	1.42	No 0.4 Element Fault
UPP082	468	'6555839_/_419828020_2'		3.33	3.33	3.33	0.49	0.5	3.33	1.42	No 0.49 Thermal Discharging
UPP082	469	'43947668_/_43947670_1'		3.33	3.33	3.33	0.49	0.5	3.33	1.42	No 0.49 Thermal Discharging
UPP082	470	'44011842_/_44011844'		3.33	3.33	3.33	0.49	0.5	3.33	1.42	No 0.49 Thermal Discharging
UPP082	471	'6895318_/_6895316'		6.67	6.67	6.67	0.98	1	6.67	2.85	No 0.98 Thermal Discharging
UPP082	472	'43946958_/_43946960'		3.33	3.33	3.33	0.49	0.5	3.33	1.42	No 0.49 Thermal Discharging
UPP082	473	'8084214_/_8084211'		10	10	10	1.46	1.5	10	4.27	No 1.46 Thermal Discharging
UPP082	474	'6901004_/_44012918'		3.33	3.33	3.33	0.49	0.5	3.33	1.42	No 0.49 Thermal Discharging
UPP082	475	'6579938_/_6579935_2'		3.33	3.33	3.33	0.49	0.4	3.33	1.42	No 0.4 Element Fault
UPP082	476	'422362860_/_6579951'		3.33	3.33	3.33	0.49	0.4	3.33	1.42	No 0.4 Element Fault
UPP082	477	'44011695_/_44011697'		3.33	3.33	3.33	0.49	0.5	3.33	1.42	No 0.49 Thermal Discharging
UPP082	478	'6579844_/_6579964'		3.33	3.33	3.33	0.49	0.4	3.33	1.42	No 0.4 Element Fault
UPP082	479	'433096084_/_433095947'		10	10	10	1.46	10	10	4.27	No 1.46 Thermal Discharging
UPP082	480	'6894203_/_6894213'		3.33	3.33	3.33	0.49	0.5	3.33	1.42	No 0.49 Thermal Discharging
UPP082	481	'436909832_/_433095966_1'		10	10	10	1.46	10	10	4.27	No 1.46 Thermal Discharging
UPP082	482	'433096406_/_433095966_2'		10	10	10	1.46	10	10	4.27	No 1.46 Thermal Discharging
UPP082	483	'6887007_/_6887004'		10	10	10	1.46	4.5	10	4.27	No 1.46 Thermal Discharging
UPP082	484	'44012545_/_6896211'		3.33	3.33	3.33	0.49	0.5	3.33	1.42	No 0.49 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
UPP082	485	'6574809_/_6574806'	3.33	3.33	3.33	3.33	0.49	0.5	3.33	1.42 No	0.49 Thermal Discharging
UPP082	486	'435343624_/_413738753_1'	3.33	3.33	3.33	3.33	0.49	1	3.33	1.42 No	0.49 Thermal Discharging
UPP082	487	'6898713_/_6898723'	3.33	3.33	3.33	3.33	0.49	0.5	3.33	1.42 No	0.49 Thermal Discharging
UPP082	488	'6894943_/_6894960'	10	10	10	10	1.46	1.5	10	4.27 No	1.46 Thermal Discharging
UPP082	489	'44011739_/_6899551'	3.33	3.33	3.33	3.33	0.49	0.5	3.33	1.42 No	0.49 Thermal Discharging
UPP082	490	'6897329_/_6897326'	3.33	3.33	3.33	3.33	0.49	0.3	3.33	1.42 No	0.3 Element Fault
UPP082	491	'6588665_/_6588675'	3.33	3.33	3.33	3.33	0.49	0.4	3.33	1.42 No	0.4 Element Fault
UPP082	492	'6575180_/_6578528'	3.33	3.33	3.33	3.33	0.49	0.8	3.33	1.42 No	0.49 Thermal Discharging
UPP082	493	'6574727_/_6578512'	3.33	3.33	3.33	3.33	0.49	0.3	3.33	1.42 No	0.3 Element Fault
UPP082	494	'6894161_/_6894158'	3.33	3.33	3.33	3.33	0.49	0.5	3.33	1.42 No	0.49 Thermal Discharging
UPP082	495	'419828185_/_419137927'	10	10	10	10	1.46	4.8	10	4.27 No	1.46 Thermal Discharging
UPP082	496	'43945426_/_6555837'	3.33	3.33	3.33	3.33	0.49	0.5	3.33	1.42 No	0.49 Thermal Discharging
UPP082	497	'435343347_/_419828242_2'	10	10	10	10	1.46	4.8	10	4.27 No	1.46 Thermal Discharging
UPP082	498	'6579818_/_6582092'	3.33	3.33	3.33	3.33	0.49	0.5	3.33	1.42 No	0.49 Thermal Discharging
UPP082	499	'419828277_/_419828242_1'	10	10	10	10	1.46	4.8	10	4.27 No	1.46 Thermal Discharging
UPP082	500	'6579671_/_6579683'	3.33	3.33	3.33	3.33	0.49	0.5	3.33	1.42 No	0.49 Thermal Discharging
UPP082	501	'6579831_/_6579841'	3.33	3.33	3.33	3.33	0.49	0.4	3.33	1.42 No	0.4 Element Fault
UPP082	502	'435343545_/_418363564_2'	10	10	10	10	1.46	4.5	10	4.27 No	1.46 Thermal Discharging
UPP082	503	'9044930_/_9369882'	10	10	10	10	1.46	1.5	10	4.27 No	1.46 Thermal Discharging
UPP082	504	'6894314_/_44011799'	3.33	3.33	3.33	3.33	0.49	0.5	3.33	1.42 No	0.49 Thermal Discharging
UPP082	505	'6895241_/_6895298'	6.67	6.67	6.67	6.67	0.98	1	6.67	2.85 No	0.98 Thermal Discharging
UPP082	506	'44011706_/_44011708'	3.33	3.33	3.33	3.33	0.49	0.5	3.33	1.42 No	0.49 Thermal Discharging
UPP082	507	'6898712_/_6898710'	3.33	3.33	3.33	3.33	0.49	0.5	3.33	1.42 No	0.49 Thermal Discharging
UPP082	508	'6901905_/_6901903'	6.67	6.67	6.67	6.67	0.98	1	6.67	2.85 No	0.98 Thermal Discharging
UPP082	509	'6575179_/_6575177'	3.33	3.33	3.33	3.33	0.49	0.8	3.33	1.42 No	0.49 Thermal Discharging
UPP082	510	'43947059_/_6579990'	3.33	3.33	3.33	3.33	0.49	0.4	3.33	1.42 No	0.4 Element Fault
UPP082	511	'6894053_/_6894051'	3.33	3.33	3.33	3.33	0.49	0.5	3.33	1.42 No	0.49 Thermal Discharging
UPP082	512	'429845592_/_419828352'	10	10	10	10	1.46	4.8	10	4.27 No	1.46 Thermal Discharging
UPP082	513	'6894942_/_6894940'	10	10	10	10	1.46	1.5	10	4.27 No	1.46 Thermal Discharging
UPP082	514	'6900515_/_6900837'	3.33	3.33	3.33	3.33	0.49	0.5	3.33	1.42 No	0.49 Thermal Discharging
UPP082	515	'431652669_/_419828399_1'	10	10	10	10	1.46	4.8	10	4.27 No	1.46 Thermal Discharging
UPP082	516	'6574686_/_6588662_2'	3.33	3.33	3.33	3.33	0.49	0.4	3.33	1.42 No	0.4 Element Fault
UPP082	517	'6896214_/_44012547'	3.33	3.33	3.33	3.33	0.49	0.5	3.33	1.42 No	0.49 Thermal Discharging
UPP082	518	'419390950_/_419828399_2'	10	10	10	10	1.46	4.8	10	4.27 No	1.46 Thermal Discharging
UPP082	519	'348950406_/_348950416'	3.33	3.33	3.33	3.33	0.49	0.4	3.33	1.42 No	0.4 Element Fault
UPP082	520	'6579830_/_6579828_2'	3.33	3.33	3.33	3.33	0.49	0.4	3.33	1.42 No	0.4 Element Fault
UPP082	521	'43947026_/_6579828_1'	3.33	3.33	3.33	3.33	0.49	0.4	3.33	1.42 No	0.4 Element Fault
UPP082	522	'6574728_/_6574725'	3.33	3.33	3.33	3.33	0.49	0.3	3.33	1.42 No	0.3 Element Fault
UPP082	523	'419828516_/_419828518'	10	10	10	10	1.46	4.8	10	4.27 No	1.46 Thermal Discharging
UPP082	524	'6579805_/_6579815'	3.33	3.33	3.33	3.33	0.49	0.5	3.33	1.42 No	0.49 Thermal Discharging
UPP082	525	'43945415_/_6588662_1'	3.33	3.33	3.33	3.33	0.49	0.4	3.33	1.42 No	0.4 Element Fault
UPP082	526	'436909821_/_419828578_1'	10	10	10	10	1.46	4.8	10	4.27 No	1.46 Thermal Discharging
UPP082	527	'429845624_/_419828578_2'	10	10	10	10	1.46	4.8	10	4.27 No	1.46 Thermal Discharging
UPP082	528	'43947799_/_418363564_1'	10	10	10	10	1.46	1.4	10	4.27 No	1.4 Element Fault
UPP082	529	'423510093_/_417516532_2'	10	10	10	10	1.46	4.6	10	4.27 No	1.46 Thermal Discharging
UPP082	530	'43945378_/_413738753_2'	3.33	3.33	3.33	3.33	0.49	1	3.33	1.42 No	0.49 Thermal Discharging
UPP082	531	'44012743_/_6897339'	3.33	3.33	3.33	3.33	0.49	0.3	3.33	1.42 No	0.3 Element Fault
UPP082	532	'6894174_/_6894187'	3.33	3.33	3.33	3.33	0.49	0.5	3.33	1.42 No	0.49 Thermal Discharging
UPP082	533	'6555827_/_43945428'	3.33	3.33	3.33	3.33	0.49	0.5	3.33	1.42 No	0.49 Thermal Discharging
UPP082	534	'6579670_/_6579668'	3.33	3.33	3.33	3.33	0.49	0.5	3.33	1.42 No	0.49 Thermal Discharging
UPP082	535	'435343844_/_43944999_2'	3.33	3.33	3.33	3.33	0.49	1.5	3.33	1.42 No	0.49 Thermal Discharging
UPP082	536	'6896697_/_7111761'	3.33	3.33	3.33	3.33	0.49	0.5	3.33	1.42 No	0.49 Thermal Discharging
UPP082	537	'6894228_/_44011741'	3.33	3.33	3.33	3.33	0.49	0.5	3.33	1.42 No	0.49 Thermal Discharging
UPP082	538	'6901936_/_6901934'	6.67	6.67	6.67	6.67	0.98	0.6	6.67	2.85 No	0.6 Element Fault
UPP082	539	'44012822_/_6900513'	3.33	3.33	3.33	3.33	0.49	0.5	3.33	1.42 No	0.49 Thermal Discharging
UPP082	540	'6579792_/_6579802'	3.33	3.33	3.33	3.33	0.49	0.5	3.33	1.42 No	0.49 Thermal Discharging
UPP082	541	'6582445_/_6582457'	3.33	3.33	3.33	3.33	0.49	0.8	3.33	1.42 No	0.49 Thermal Discharging
UPP082	542	'6592389_/_6592386'	3.33	3.33	3.33	3.33	0.49	0.3	3.33	1.42 No	0.3 Element Fault
UPP082	543	'423509438_/_423509405'	10	10	10	10	1.46	4.8	10	4.27 No	1.46 Thermal Discharging
UPP082	544	'438212630_/_419828654_1'	10	10	10	10	1.46	4.8	10	4.27 No	1.46 Thermal Discharging
UPP082	545	'410934817_/_419828654_2'	10	10	10	10	1.46	4.8	10	4.27 No	1.46 Thermal Discharging
UPP082	546	'44013036_/_44013038'	3.33	3.33	3.33	3.33	0.49	0.5	3.33	1.42 No	0.49 Thermal Discharging
UPP082	547	'434984493_/_419828724'	10	10	10	10	1.46	4.8	10	4.27 No	1.46 Thermal Discharging
UPP082	548	'6895080_/_44012115'	3.33	3.33	3.33	3.33	0.49	0.5	3.33	1.42 No	0.49 Thermal Discharging
UPP082	549	'65754766_/_65754742_1'	3.33	3.33	3.33	3.33	0.49	0.5	3.33	1.42 No	0.49 Thermal Discharging
UPP082	550	'720908016_/_254310539_1'	10	10	10	10	1.46	4.8	10	4.27 No	1.46 Thermal Discharging
UPP082	551	'434984511_/_402085995_1'	3.33	3.33	3.33	3.33	0.49	0.5	3.33	1.42 No	0.49 Thermal Discharging
UPP082	552	'410934807_/_6578213'	10	10	10	10	1.46	4.8	10	4.27 No	1.46 Thermal Discharging
UPP082	553	'6555922_/_417516532_1'	10	10	10	10	1.46	3.2	10	4.27 No	1.46 Thermal Discharging
UPP082	554	'6895256_/_6895253'	6.67	6.67	6.67	6.67	0.98	1	6.67	2.85 No	0.98 Thermal Discharging
UPP082	555	'9045784_/_9045781'	3.33	3.33	3.33	3.33	0.49	0.3	3.33	1.42 No	0.3 Element Fault
UPP082	556	'6592338_/_6592352'	10	10	10	10	1.46	1.4	10	4.27 No	1.4 Element Fault
UPP082	557	'6574581_/_6574578'	3.33	3.33	3.33	3.33	0.49	1	3.33	1.42 No	0.49 Thermal Discharging
UPP082	558	'6574672_/_6574683'	3.33	3.33	3.33	3.33	0.49	0.4	3.33	1.42 No	0.4 Element Fault
UPP082	559	'428467815_/_6578196_1'	10	10	10	10	1.46	1.5	10	4.27 No	1.46 Thermal Discharging
UPP082	560	'7886724_/_254310539_2'	10	10	10	10	1.46	4.8	10	4.27 No	1.46 Thermal Discharging
UPP082	561	'43944997_/_43944999_1'	3.33	3.33	3.33	3.33	0.49	0.5	3.33	1.42 No	0.49 Thermal Discharging
UPP082	562	'6582475_/_6582485'	3.33	3.33	3.33	3.33	0.49	0.4	3.33	1.42 No	0.4 Element Fault
UPP082	563	'65754745_/_65754742_2'	3.33	3.33	3.33	3.33	0.49	0.5	3.33	1.42 No	0.49 Thermal Discharging
UPP082	564	'6574702_/_6574699'	3.33	3.33	3.33	3.33	0.49	0.5	3.33	1.42 No	0.49 Thermal Discharging
UPP082	565	'7454110_/_7886721'	10	10	10	10	1.46	4.8	10	4.27 No	1.46 Thermal Discharging
UPP082	566	'44011717_/_44011719'	3.33	3.33	3.33	3.33	0.49	0.5	3.33	1.42 No	0.49 Thermal Discharging
UPP082	567	'43947656_/_43947658'	3.33	3.33	3.33	3.33	0.49	0.5	3.33	1.42 No	0.49 Thermal Discharging
UPP082	568	'43946992_/_6579789'	3.33	3.33	3.33	3.33	0.49	0.5	3.33	1.42 No	0.49 Thermal Discharging
UPP082	569	'6555923_/_6555920'	6.67	6.67	6.67	6.67	0.98	2.13	6.67	2.85 No	0.98 Thermal Discharging
UPP082	570	'6900542_/_44012824'	3.33	3.33	3.33	3.33	0.49	0.5	3.33	1.42 No	0.49 Thermal Discharging
UPP082	571	'43945515_/_43945517'	3.33	3.33	3.33	3.33	0.49	0.8	3.33	1.42 No	0.49 Thermal Discharging
UPP082	572	'6896333_/_6896373'	3.33	3.33	3.33	3.33	0.49	0.3	3.33	1.42 No	0.3 Element Fault
UPP082	573	'6574673_/_6574670'	3.33	3.33	3.33	3.33	0.49	0.4	3.33	1.42 No	0.4 Element Fault
UPP082	574	'6895019_/_6895017'	10	10	10	10	1.46	1.5	10	4.27 No	1.46 Thermal Discharging
UPP082	575	'434984470_/_402085995_2'	3.33	3.33	3.33	3.33	0.49	0.5	3.33	1.42 No	0.49 Thermal Discharging
UPP082	576	'6896684_/_6896695'	3.33	3.33	3.33	3.33	0.49	0.5	3.33	1.42 No	0.49 Thermal Discharging
UPP082	577	'43947015_/_6582472'	3.33	3.33	3.33	3.33	0.49	0.4	3.33	1.42 No	0.4 Element Fault
UPP082	578	'6578162_/_6578196_2'	10	10	10	10	1.46	1.5	10	4.27 No	1.46 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
											VSR (MW)	Limiting Threshold
UPP082	579	'6894229_/_6894226'		3.33	3.33	3.33	0.49	0.5	3.33	1.42 No	0.49	Thermal Discharging
UPP082	580	'6574530_/_6592335'		10	10	10	1.46	1.4	10	4.27 No	1.4	Element Fault
UPP082	581	'43947433_/_6578938'		3.33	3.33	3.33	0.49	0.5	3.33	1.42 No	0.49	Thermal Discharging
UPP082	582	'6901920_/_6901918'		3.33	3.33	3.33	0.49	0.5	3.33	1.42 No	0.49	Thermal Discharging
UPP082	583	'9672033_/_9672030'		3.33	3.33	3.33	0.49	0.3	3.33	1.42 No	0.3	Element Fault
UPP082	584	'43945391_/_6592617'		3.33	3.33	3.33	0.49	1	3.33	1.42 No	0.49	Thermal Discharging
UPP082	585	'6573996_/_6573994'		3.33	3.33	3.33	0.49	0.5	3.33	1.42 No	0.49	Thermal Discharging
UPP082	586	'44012124_/_6897269'		6.67	6.67	6.67	0.98	1	6.67	2.85 No	0.98	Thermal Discharging
UPP082	587	'6574036_/_6574033'		6.67	6.67	6.67	0.98	2.13	6.67	2.85 No	0.98	Thermal Discharging
UPP082	588	'422362375_/_43947005_2'		3.33	3.33	3.33	0.49	0.4	3.33	1.42 No	0.4	Element Fault
UPP082	589	'6575150_/_6575162'		3.33	3.33	3.33	0.49	0.8	3.33	1.42 No	0.49	Thermal Discharging
UPP082	590	'43947003_/_43947005_1'		3.33	3.33	3.33	0.49	0.4	3.33	1.42 No	0.4	Element Fault
UPP082	591	'6573984_/_6575906'		3.33	3.33	3.33	0.49	0.5	3.33	1.42 No	0.49	Thermal Discharging
UPP082	592	'6894173_/_6894171'		3.33	3.33	3.33	0.49	0.5	3.33	1.42 No	0.49	Thermal Discharging
UPP082	593	'44012833_/_6900552'		3.33	3.33	3.33	0.49	0.5	3.33	1.42 No	0.49	Thermal Discharging
UPP082	594	'6582050_/_6582062'		3.33	3.33	3.33	0.49	0.5	3.33	1.42 No	0.49	Thermal Discharging
UPP082	595	'6894242_/_6894239'		3.33	3.33	3.33	0.49	0.5	3.33	1.42 No	0.49	Thermal Discharging
UPP082	596	'6574714_/_6578951'		3.33	3.33	3.33	0.49	0.5	3.33	1.42 No	0.49	Thermal Discharging
UPP082	597	'6578145_/_6578159_2'		10	10	10	1.46	1.5	10	4.27 No	1.46	Thermal Discharging
UPP082	598	'43947777_/_419391037'		3.33	3.33	3.33	0.49	0.5	3.33	1.42 No	0.49	Thermal Discharging
UPP082	599	'6555856_/_6575147'		3.33	3.33	3.33	0.49	0.8	3.33	1.42 No	0.49	Thermal Discharging
UPP082	600	'43945145_/_6574054'		6.67	6.67	6.67	0.98	2.13	6.67	2.85 No	0.98	Thermal Discharging
UPP082	601	'6579778_/_6579776'		3.33	3.33	3.33	0.49	0.5	3.33	1.42 No	0.49	Thermal Discharging
UPP082	602	'43944907_/_6578159_1'		10	10	10	1.46	1.5	10	4.27 No	1.46	Thermal Discharging
UPP082	603	'43945365_/_6574527'		10	10	10	1.46	1.4	10	4.27 No	1.4	Element Fault
UPP082	604	'6895039_/_44012090'		7.2	10	10	1.46	1.5	10	4.27 No	1.46	Thermal Discharging
UPP082	605	'6585386_/_43945393'		3.33	3.33	3.33	0.49	1	3.33	1.42 No	0.49	Thermal Discharging
UPP082	606	'6895482_/_6896682'		3.33	3.33	3.33	0.49	0.5	3.33	1.42 No	0.49	Thermal Discharging
UPP082	607	'43946981_/_43946983'		3.33	3.33	3.33	0.49	0.5	3.33	1.42 No	0.49	Thermal Discharging
UPP082	608	'43944986_/_6573981'		3.33	3.33	3.33	0.49	0.5	3.33	1.42 No	0.49	Thermal Discharging
UPP082	609	'6574715_/_6574712'		3.33	3.33	3.33	0.49	0.5	3.33	1.42 No	0.49	Thermal Discharging
UPP082	610	'6555855_/_6555853'		3.33	3.33	3.33	0.49	0.8	3.33	1.42 No	0.49	Thermal Discharging
UPP082	611	'6895060_/_6895057'		4.6	6.67	6.67	0.98	1	6.67	2.85 No	0.98	Thermal Discharging
UPP082	612	'6582035_/_6582047'		3.33	3.33	3.33	0.49	0.5	3.33	1.42 No	0.49	Thermal Discharging
UPP082	613	'45198034_/_6900526'		3.33	3.33	3.33	0.49	0.5	3.33	1.42 No	0.49	Thermal Discharging
UPP082	614	'6896271_/_6896331'		3.1	3.33	3.33	0.49	0.3	3.33	1.42 No	0.3	Element Fault
UPP082	615	'388463228_/_6896269'		3.1	3.33	3.33	0.49	0.3	3.33	1.42 No	0.3	Element Fault
UPP082	616	'6896272_/_388463236'		3.1	3.33	3.33	0.49	0.3	3.33	1.42 No	0.3	Element Fault
UPP082	617	'6895145_/_6897251'		4.4	6.67	6.67	0.98	1	6.67	2.85 No	0.98	Thermal Discharging
UPP082	618	'6574496_/_6574510'		10	10	10	1.46	1.4	10	4.27 No	1.4	Element Fault
UPP082	619	'6593732_/_6593745'		6.67	6.67	6.67	0.98	2.13	6.67	2.85 No	0.98	Thermal Discharging
UPP082	620	'6578128_/_6578142'		10	10	10	1.46	1.5	10	4.27 No	1.46	Thermal Discharging
UPP082	621	'6582965_/_402086004'		3.33	3.33	3.33	0.49	0.5	3.33	1.42 No	0.49	Thermal Discharging
UPP082	622	'6895160_/_6895157_1'		2.13	3.33	3.33	0.49	0.3	3.33	1.42 No	0.3	Element Fault
UPP082	623	'6575120_/_6575132'		3.33	3.33	3.33	0.49	0.8	3.33	1.42 No	0.49	Thermal Discharging
UPP082	624	'6895481_/_6895479'		3.33	3.33	3.33	0.49	0.5	3.33	1.42 No	0.49	Thermal Discharging
UPP082	625	'6580261_/_6580259'		3.33	3.33	3.33	0.49	0.5	3.33	1.42 No	0.49	Thermal Discharging
UPP082	626	'43947644_/_43947646'		3.33	3.33	3.33	0.49	0.5	3.33	1.42 No	0.49	Thermal Discharging
UPP082	627	'6574071_/_6585384'		3.33	3.33	3.33	0.49	1	3.33	1.42 No	0.49	Thermal Discharging
UPP082	628	'6593733_/_6593730'		6.67	6.67	6.67	0.98	2.13	6.67	2.85 No	0.98	Thermal Discharging
UPP082	629	'6583000_/_402086085'		3.33	3.33	3.33	0.49	0.5	3.33	1.42 No	0.49	Thermal Discharging
UPP082	630	'43945229_/_6588950'		3.33	3.33	3.33	0.49	0.5	3.33	1.42 No	0.49	Thermal Discharging
UPP082	631	'43944975_/_6573968'		3.33	3.33	3.33	0.49	0.5	3.33	1.42 No	0.49	Thermal Discharging
UPP082	632	'6896288_/_6896285'		2.2	3.33	3.33	0.49	0.3	3.33	1.42 No	0.3	Element Fault
UPP082	633	'6574495_/_6574493'		10	10	10	1.46	1.4	10	4.27 No	1.4	Element Fault
UPP082	634	'6895127_/_6895142'		3.73	6.67	6.67	0.98	1	6.67	2.85 No	0.98	Thermal Discharging
UPP082	635	'43945527_/_43945529'		3.33	3.33	3.33	0.49	0.8	3.33	1.42 No	0.49	Thermal Discharging
UPP082	636	'43944894_/_6578125'		10	10	10	1.46	1.5	10	4.27 No	1.46	Thermal Discharging
UPP082	637	'6895186_/_6895183'		1.87	3.33	3.33	0.49	0.5	3.33	1.42 No	0.49	Thermal Discharging
UPP082	638	'6583013_/_402086094'		3.33	3.33	3.33	0.49	0.5	3.33	1.42 No	0.49	Thermal Discharging
UPP082	639	'6591447_/_7125287'		3.33	3.33	3.33	0.49	0.5	3.33	1.42 No	0.49	Thermal Discharging
UPP082	640	'6582005_/_6582017'		3.33	3.33	3.33	0.49	0.5	3.33	1.42 No	0.49	Thermal Discharging
UPP082	641	'6896347_/_6896344'		2.1	3.33	3.33	0.49	0.3	3.33	1.42 No	0.3	Element Fault
UPP082	642	'6574072_/_6574069_1'		3.33	3.33	3.33	0.49	1	3.33	1.42 No	0.49	Thermal Discharging
UPP082	643	'44012171_/_6895157_2'		1.8	3.33	3.33	0.49	0.3	3.33	1.42 No	0.3	Element Fault
UPP082	644	'6574478_/_6574595'		10	10	10	1.46	1.4	10	4.27 No	1.4	Element Fault
UPP082	645	'6574316_/_43945231'		3.33	3.33	3.33	0.49	0.5	3.33	1.42 No	0.49	Thermal Discharging
UPP082	646	'43945157_/_6574069_2'		3.33	3.33	3.33	0.49	1	3.33	1.42 No	0.49	Thermal Discharging
UPP082	647	'6573630_/_6593760'		6.67	6.67	6.67	0.98	2.13	6.67	2.85 No	0.98	Thermal Discharging
UPP082	648	'6895112_/_6895124'		3.4	6.67	6.67	0.98	1	6.67	2.85 No	0.98	Thermal Discharging
UPP082	649	'6573945_/_6573955'		3.33	3.33	3.33	0.49	0.5	3.33	1.42 No	0.49	Thermal Discharging
UPP082	650	'43945352_/_6574476'		10	10	10	1.46	1.4	10	4.27 No	1.4	Element Fault
UPP082	651	'6575104_/_6575102'		3.33	3.33	3.33	0.49	0.8	3.33	1.42 No	0.49	Thermal Discharging
UPP082	652	'6578110_/_6578108'		10	10	10	1.46	1.5	10	4.27 No	1.46	Thermal Discharging
UPP082	653	'6583026_/_402086121'		3.33	3.33	3.33	0.49	0.5	3.33	1.42 No	0.49	Thermal Discharging
UPP082	654	'6591431_/_6591444'		3.33	3.33	3.33	0.49	0.5	3.33	1.42 No	0.49	Thermal Discharging
UPP082	655	'6582004_/_6582002'		3.33	3.33	3.33	0.49	0.5	3.33	1.42 No	0.49	Thermal Discharging
UPP082	656	'6573631_/_6573628'		6.67	6.67	6.67	0.98	2.13	6.67	2.85 No	0.98	Thermal Discharging
UPP082	657	'6574317_/_6574314'		3.33	3.33	3.33	0.49	0.5	3.33	1.42 No	0.49	Thermal Discharging
UPP082	658	'6581975_/_6581987'		3.33	3.33	3.33	0.49	0.8	3.33	1.42 No	0.49	Thermal Discharging
UPP082	659	'6896363_/_6896360'		1.7	3.33	3.33	0.49	0.3	3.33	1.42 No	0.3	Element Fault
UPP082	660	'406111103_/_6581332_2'		10	10	10	1.46	1.5	10	4.27 No	1.46	Thermal Discharging
UPP082	661	'43944964_/_43944966'		3.33	3.33	3.33	0.49	0.5	3.33	1.42 No	0.49	Thermal Discharging
UPP082	662	'6574445_/_6574459'		10	10	10	1.46	1.4	10	4.27 No	1.4	Element Fault
UPP082	663	'6574089_/_43945159'		3.33	3.33	3.33	0.49	1	3.33	1.42 No	0.49	Thermal Discharging
UPP082	664	'6581318_/_6581332_1'		10	10	10	1.46	1.5	10	4.27 No	1.46	Thermal Discharging
UPP082	665	'43945098_/_6573643'		6.67	6.67	6.67	0.98	2.13	6.67	2.85 No	0.98	Thermal Discharging
UPP082	666	'6895111_/_6895109'		3	6.67	6.67	0.98	1	6.67	2.85 No	0.98	Thermal Discharging
UPP082	667	'467400680_/_467400194_2'		10	10	10	1.46	1.4	10	4.27 No	1.4	Element Fault
UPP082	668	'6895173_/_6895170'		1.5	3.33	3.33	0.49	0.3	3.33	1.42 No	0.3	Element Fault
UPP082	669	'418364484_/_6574654_1'		3.33	3.33	3.33	0.49	0.3	3.33	1.42 No	0.3	Element Fault
UPP082	670	'486302520_/_467400194_1'		10	10	10	1.46	0.5	10	4.27 No	0.5	Element Fault
UPP082	671	'43945008_/_402086148'		3.33	3.33	3.33	0.49	0.5	3.33	1.42 No	0.49	Thermal Discharging
UPP082	672	'43945240_/_6581533'		3.33	3.33	3.33	0.49	0.5	3.33	1.42 No	0.49	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Over-Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
UPP082	673	'6591430_/_6591428'		3.33	3.33	3.33	0.49	0.5	3.33	1.42 No	0.49 Thermal Discharging
UPP082	674	'467400728_/_6574654_2'		3.33	3.33	3.33	0.49	0.3	3.33	1.42 No	0.3 Element Fault
UPP082	675	'6589037_/_6589049_2'		3.33	3.33	3.33	0.49	0.5	3.33	1.42 No	0.49 Thermal Discharging
UPP082	676	'6574657_/_6574654_3'		3.33	3.33	3.33	0.49	0.3	3.33	1.42 No	0.3 Element Fault
UPP082	677	'6581301_/_6581315'		10	10	10	1.46	1.5	10	4.27 No	1.46 Thermal Discharging
UPP082	678	'43945539_/_43945541'		3.33	3.33	3.33	0.49	0.8	3.33	1.42 No	0.49 Thermal Discharging
UPP082	679	'6581591_/_6581588'		3.33	3.33	3.33	0.49	1	3.33	1.42 No	0.49 Thermal Discharging
UPP082	680	'43948039_/_6589049_1'		3.33	3.33	3.33	0.49	0.5	3.33	1.42 No	0.49 Thermal Discharging
UPP082	681	'6573919_/_6573929'		3.33	3.33	3.33	0.49	0.5	3.33	1.42 No	0.49 Thermal Discharging
UPP082	682	'6573664_/_43945100'		6.67	6.67	6.67	0.98	2.13	6.67	2.85 No	0.98 Thermal Discharging
UPP082	683	'6574105_/_6581605_1'		3.33	3.33	3.33	0.49	1	3.33	1.42 No	0.49 Thermal Discharging
UPP082	684	'6895215_/_6895212'		1.37	3.33	3.33	0.49	0.5	3.33	1.42 No	0.49 Thermal Discharging
UPP082	685	'6574329_/_43945242'		3.33	3.33	3.33	0.49	0.5	3.33	1.42 No	0.49 Thermal Discharging
UPP082	686	'43944881_/_6581298'		10	10	10	1.46	1.5	10	4.27 No	1.46 Thermal Discharging
UPP082	687	'486302486_/_486302534'		10	10	10	1.46	0.5	10	4.27 No	0.5 Element Fault
UPP082	688	'6896756_/_6896753'		1.37	3.33	3.33	0.49	0.3	3.33	1.42 No	0.3 Element Fault
UPP082	689	'43945170_/_6581605_2'		3.33	3.33	3.33	0.49	1	3.33	1.42 No	0.49 Thermal Discharging
UPP082	690	'43945020_/_402086177'		3.33	3.33	3.33	0.49	0.5	3.33	1.42 No	0.49 Thermal Discharging
UPP082	691	'43948026_/_43948028'		3.33	3.33	3.33	0.49	0.5	3.33	1.42 No	0.49 Thermal Discharging
UPP082	692	'6585324_/_6585321'		3.33	3.33	3.33	0.49	0.3	3.33	1.42 No	0.3 Element Fault
UPP082	693	'6895096_/_6895094'		2.6	6.67	6.67	0.98	1	6.67	2.85 No	0.98 Thermal Discharging
UPP082	694	'6575089_/_6575087'		3.33	3.33	3.33	0.49	0.8	3.33	1.42 No	0.49 Thermal Discharging
UPP082	695	'6574330_/_6574327'		3.33	3.33	3.33	0.49	0.5	3.33	1.42 No	0.49 Thermal Discharging
UPP082	696	'43944953_/_43944955'		3.33	3.33	3.33	0.49	0.5	3.33	1.42 No	0.49 Thermal Discharging
UPP082	697	'6573906_/_6573903_2'		3.33	3.33	3.33	0.49	0.5	3.33	1.42 No	0.49 Thermal Discharging
UPP082	698	'6896723_/_7111948'		3.33	3.33	3.33	0.49	0.5	3.33	1.42 No	0.49 Thermal Discharging
UPP082	699	'6581196_/_6581281'		10	10	10	1.46	1.5	10	4.27 No	1.46 Thermal Discharging
UPP082	700	'6585245_/_6585257'		3.33	3.33	3.33	0.49	0.8	3.33	1.42 No	0.49 Thermal Discharging
UPP082	701	'6574106_/_43945172'		3.33	3.33	3.33	0.49	1	3.33	1.42 No	0.49 Thermal Discharging
UPP082	702	'6579656_/_6589019'		3.33	3.33	3.33	0.49	0.5	3.33	1.42 No	0.49 Thermal Discharging
UPP082	703	'44012637_/_6896737'		1.27	3.33	3.33	0.49	0.5	3.33	1.42 No	0.49 Thermal Discharging
UPP082	704	'486302432_/_486302502'		10	10	10	1.46	0.5	10	4.27 No	0.5 Element Fault
UPP082	705	'421823290_/_6585287_2'		3.33	3.33	3.33	0.49	0.8	3.33	1.42 No	0.49 Thermal Discharging
UPP082	706	'6583065_/_402086210'		3.33	3.33	3.33	0.49	0.5	3.33	1.42 No	0.49 Thermal Discharging
UPP082	707	'43945110_/_6573676'		6.67	6.67	6.67	0.98	2.13	6.67	2.85 No	0.98 Thermal Discharging
UPP082	708	'6895455_/_6896721'		3.33	3.33	3.33	0.49	0.5	3.33	1.42 No	0.49 Thermal Discharging
UPP082	709	'6585275_/_6585287_1'		3.33	3.33	3.33	0.49	0.4	3.33	1.42 No	0.4 Element Fault
UPP082	710	'6573893_/_6573903_1'		3.33	3.33	3.33	0.49	0.5	3.33	1.42 No	0.49 Thermal Discharging
UPP082	711	'44012721_/_6897238'		1.23	3.33	3.33	0.49	0.3	3.33	1.42 No	0.3 Element Fault
UPP082	712	'44012136_/_44012138'		2.33	6.67	6.67	0.98	1	6.67	2.85 No	0.98 Thermal Discharging
UPP082	713	'43945551_/_43945553'		3.33	3.33	3.33	0.49	0.8	3.33	1.42 No	0.49 Thermal Discharging
UPP082	714	'6581195_/_467400538'		10	10	10	1.46	1.5	10	4.27 No	1.46 Thermal Discharging
UPP082	715	'6583078_/_402086236'		3.33	3.33	3.33	0.49	0.5	3.33	1.42 No	0.49 Thermal Discharging
UPP082	716	'6574123_/_6574120'		3.33	3.33	3.33	0.49	1	3.33	1.42 No	0.49 Thermal Discharging
UPP082	717	'6579655_/_6579653'		3.33	3.33	3.33	0.49	0.5	3.33	1.42 No	0.49 Thermal Discharging
UPP082	718	'6573892_/_6573890'		3.33	3.33	3.33	0.49	0.5	3.33	1.42 No	0.49 Thermal Discharging
UPP082	719	'6583292_/_43945112'		6.67	6.67	6.67	0.98	2.13	6.67	2.85 No	0.98 Thermal Discharging
UPP082	720	'44011661_/_6895453'		3.33	3.33	3.33	0.49	0.5	3.33	1.42 No	0.49 Thermal Discharging
UPP082	721	'6575195_/_6585272'		3.33	3.33	3.33	0.49	0.4	3.33	1.42 No	0.4 Element Fault
UPP082	722	'6574140_/_6574137'		3.33	3.33	3.33	0.49	1	3.33	1.42 No	0.49 Thermal Discharging
UPP082	723	'6899852_/_44012639'		1.13	3.33	3.33	0.49	0.5	3.33	1.42 No	0.49 Thermal Discharging
UPP082	724	'6575060_/_6575072'		3.33	3.33	3.33	0.49	0.8	3.33	1.42 No	0.49 Thermal Discharging
UPP082	725	'43948310_/_6592399'		3.33	3.33	3.33	0.49	0.5	3.33	1.42 No	0.49 Thermal Discharging
UPP082	726	'6573693_/_6583304'		6.67	6.67	6.67	0.98	2.13	6.67	2.85 No	0.98 Thermal Discharging
UPP082	727	'6578094_/_6585334'		10	10	10	1.46	1.5	10	4.27 No	1.46 Thermal Discharging
UPP082	728	'6897241_/_44012723'		1.1	3.33	3.33	0.49	0.3	3.33	1.42 No	0.3 Element Fault
UPP082	729	'6583091_/_402086265'		3.33	3.33	3.33	0.49	0.5	3.33	1.42 No	0.49 Thermal Discharging
UPP082	730	'44012148_/_44012150'		2.13	6.67	6.67	0.98	1	6.67	2.85 No	0.98 Thermal Discharging
UPP082	731	'6574631_/_6575192'		3.33	3.33	3.33	0.49	0.4	3.33	1.42 No	0.4 Element Fault
UPP082	732	'467400145_/_467400063_1'		10	10	10	1.46	0.9	10	4.27 No	0.9 Element Fault
UPP082	733	'6895456_/_44011663'		3.33	3.33	3.33	0.49	0.5	3.33	1.42 No	0.49 Thermal Discharging
UPP082	734	'6575039_/_6575057'		3.33	3.33	3.33	0.49	0.8	3.33	1.42 No	0.49 Thermal Discharging
UPP082	735	'6574157_/_6574154'		3.33	3.33	3.33	0.49	1	3.33	1.42 No	0.49 Thermal Discharging
UPP082	736	'43944868_/_43944870'		10	10	10	1.46	1.5	10	4.27 No	1.46 Thermal Discharging
UPP082	737	'43944942_/_43944944'		3.33	3.33	3.33	0.49	0.5	3.33	1.42 No	0.49 Thermal Discharging
UPP082	738	'6574614_/_6574628'		3.33	3.33	3.33	0.49	0.4	3.33	1.42 No	0.4 Element Fault
UPP082	739	'6592420_/_6592430'		3.33	3.33	3.33	0.49	0.5	3.33	1.42 No	0.49 Thermal Discharging
UPP082	740	'6573694_/_6573691'		6.67	6.67	6.67	0.98	2.13	6.67	2.85 No	0.98 Thermal Discharging
UPP082	741	'6583104_/_402086294'		3.33	3.33	3.33	0.49	0.5	3.33	1.42 No	0.49 Thermal Discharging
UPP082	742	'6575026_/_43945565'		3.33	3.33	3.33	0.49	0.8	3.33	1.42 No	0.49 Thermal Discharging
UPP082	743	'43945404_/_6574641'		3.33	3.33	3.33	0.49	0.4	3.33	1.42 No	0.4 Element Fault
UPP082	744	'43945183_/_6574171'		3.33	3.33	3.33	0.49	1	3.33	1.42 No	0.49 Thermal Discharging
UPP082	745	'6580374_/_6592417'		3.33	3.33	3.33	0.49	0.5	3.33	1.42 No	0.49 Thermal Discharging
UPP082	746	'43945122_/_6588850'		6.67	6.67	6.67	0.98	2.13	6.67	2.85 No	0.98 Thermal Discharging
UPP082	747	'6573864_/_6573874'		3.33	3.33	3.33	0.49	0.5	3.33	1.42 No	0.49 Thermal Discharging
UPP082	748	'6899864_/_6899862'		1.93	6.67	6.67	0.98	1	6.67	2.85 No	0.98 Thermal Discharging
UPP082	749	'44013117_/_6902223'		1	3.33	3.33	0.49	0.5	3.33	1.42 No	0.49 Thermal Discharging
UPP082	750	'6574615_/_6574612'		3.33	3.33	3.33	0.49	0.4	3.33	1.42 No	0.4 Element Fault
UPP082	751	'6578060_/_6578074'		5.3	10	10	1.46	1.5	10	4.27 No	1.46 Thermal Discharging
UPP082	752	'6902212_/_6902210_1'		1	3.33	3.33	0.49	0.5	3.33	1.42 No	0.49 Thermal Discharging
UPP082	753	'43945031_/_402086323'		3.33	3.33	3.33	0.49	0.5	3.33	1.42 No	0.49 Thermal Discharging
UPP082	754	'6575025_/_6575023'		3.33	3.33	3.33	0.49	0.8	3.33	1.42 No	0.49 Thermal Discharging
UPP082	755	'6574208_/_43945185'		3.33	3.33	3.33	0.49	1	3.33	1.42 No	0.49 Thermal Discharging
UPP082	756	'6574644_/_43945406'		3.33	3.33	3.33	0.49	0.4	3.33	1.42 No	0.4 Element Fault
UPP082	757	'6573708_/_43945124'		4.2	6.67	6.67	0.98	2.13	6.67	2.85 No	0.98 Thermal Discharging
UPP082	758	'43944931_/_6573861'		3.33	3.33	3.33	0.49	0.5	3.33	1.42 No	0.49 Thermal Discharging
UPP082	759	'6579269_/_6580371'		3.33	3.33	3.33	0.49	0.5	3.33	1.42 No	0.49 Thermal Discharging
UPP082	760	'6578043_/_6578057_2'		4.6	10	10	1.46	1.5	10	4.27 No	1.46 Thermal Discharging
UPP082	761	'43944855_/_6578057_1'		4.5	10	10	1.46	1.5	10	4.27 No	1.46 Thermal Discharging
UPP082	762	'44999753_/_6902210_2'		0.93	3.33	3.33	0.49	0.5	3.33	1.42 No	0.49 Thermal Discharging
UPP082	763	'6583130_/_402086362'		3.33	3.33	3.33	0.49	0.5	3.33	1.42 No	0.49 Thermal Discharging
UPP082	764	'6573834_/_6573845'		3.33	3.33	3.33	0.49	0.5	3.33	1.42 No	0.49 Thermal Discharging
UPP082	765	'6574242_/_6574222'		3.33	3.33	3.33	0.49	1	3.33	1.42 No	0.49 Thermal Discharging
UPP082	766	'6573709_/_6573706'		3.27	6.67	6.67	0.98	2.13	6.67	2.85 No	0.98 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
											VSR (MW)	Limiting Threshold
UPP082	767	'6577567'/_/6580400'		3.33	3.33	3.33	0.49	0.8	3.33	1.42 No	0.49	Thermal Discharging
UPP082	768	'6579282'/_/6579279'		3.33	3.33	3.33	0.49	0.5	3.33	1.42 No	0.49	Thermal Discharging
UPP082	769	'6579268'/_/6579266'		3.33	3.33	3.33	0.49	0.5	3.33	1.42 No	0.49	Thermal Discharging
UPP082	770	'403873549'/_/399597597_1'		3.33	3.33	3.33	0.49	0.7	3.33	1.42 No	0.49	Thermal Discharging
UPP082	771	'6578042'/_/6578040'		4	10	10	1.46	1.5	10	4.27 No	1.46	Thermal Discharging
UPP082	772	'467634064'/_/467400063_2'		3.8	10	10	1.46	0.5	10	4.27 No	0.5	Element Fault
UPP082	773	'6580344'/_/6580342'		3.33	3.33	3.33	0.49	0.5	3.33	1.42 No	0.49	Thermal Discharging
UPP082	774	'6573724'/_/6573721'		2.93	6.67	6.67	0.98	2.13	6.67	2.85 No	0.98	Thermal Discharging
UPP082	775	'43945328'/_/467400063_3'		3.8	10	10	1.46	0.5	10	4.27 No	0.5	Element Fault
UPP082	776	'6573835'/_/6573832'		3.33	3.33	3.33	0.49	0.5	3.33	1.42 No	0.49	Thermal Discharging
UPP082	777	'6583143'/_/402086391'		3.33	3.33	3.33	0.49	0.5	3.33	1.42 No	0.49	Thermal Discharging
UPP082	778	'6579295'/_/6579292'		3.33	3.33	3.33	0.49	0.5	3.33	1.42 No	0.49	Thermal Discharging
UPP082	779	'6555935'/_/6573736'		2.8	6.67	6.67	0.98	2.13	6.67	2.85 No	0.98	Thermal Discharging
UPP082	780	'6577568'/_/6577565'		3.33	3.33	3.33	0.49	0.8	3.33	1.42 No	0.49	Thermal Discharging
UPP082	781	'411320402'/_/8713534_2'		1.4	3.33	3.33	0.49	1.07	3.33	1.42 No	0.49	Thermal Discharging
UPP082	782	'6577406'/_/6578176'		3.7	10	10	1.46	1.5	10	4.27 No	1.46	Thermal Discharging
UPP082	783	'6574395'/_/6574407'		2.53	6.67	6.67	0.98	0.33	6.67	2.85 No	0.33	Element Fault
UPP082	784	'421969692'/_/6580387_1'		3.33	3.33	3.33	0.49	0.3	3.33	1.42 No	0.3	Element Fault
UPP082	785	'421823516'/_/6582769_2'		3.33	3.33	3.33	0.49	0.8	3.33	1.42 No	0.49	Thermal Discharging
UPP082	786	'6583156'/_/402085891'		3.33	3.33	3.33	0.49	0.5	3.33	1.42 No	0.49	Thermal Discharging
UPP082	787	'7767516'/_/8713534_1'		1.33	3.33	3.33	0.49	0.7	3.33	1.42 No	0.49	Thermal Discharging
UPP082	788	'6585354'/_/6585351'		3.5	10	10	1.46	0.5	10	4.27 No	0.5	Element Fault
UPP082	789	'6582759'/_/6582769_1'		3.33	3.33	3.33	0.49	0.5	3.33	1.42 No	0.49	Thermal Discharging
UPP082	790	'6555936'/_/6555933'		1.43	3.33	3.33	0.49	1.07	3.33	1.42 No	0.49	Thermal Discharging
UPP082	791	'6574394'/_/6574392'		2.53	6.67	6.67	0.98	0.33	6.67	2.85 No	0.33	Element Fault
UPP082	792	'467400418'/_/486302438_1'		3.5	10	10	1.46	0.5	10	4.27 No	0.5	Element Fault
UPP082	793	'43946859'/_/6588893'		3.33	3.33	3.33	0.49	0.5	3.33	1.42 No	0.49	Thermal Discharging
UPP082	794	'411320221'/_/6573754_1'		1.43	3.33	3.33	0.49	0.3	3.33	1.42 No	0.3	Element Fault
UPP082	795	'6577581'/_/6577578'		3.33	3.33	3.33	0.49	0.8	3.33	1.42 No	0.49	Thermal Discharging
UPP082	796	'43946970'/_/6580387_2'		1.97	3.33	3.33	0.49	0.3	3.33	1.42 No	0.3	Element Fault
UPP082	797	'43946756'/_/6577403'		3.4	10	10	1.46	1.5	10	4.27 No	1.46	Thermal Discharging
UPP082	798	'6583169'/_/6583166'		3.33	3.33	3.33	0.49	0.5	3.33	1.42 No	0.49	Thermal Discharging
UPP082	799	'405174838'/_/399597597_2'		1.6	3.33	3.33	0.49	0.7	3.33	1.42 No	0.49	Thermal Discharging
UPP082	800	'6592244'/_/6592241'		2.6	6.67	6.67	0.98	0.33	6.67	2.85 No	0.33	Element Fault
UPP082	801	'6573757'/_/6573754_2'		1.43	3.33	3.33	0.49	0.3	3.33	1.42 No	0.3	Element Fault
UPP082	802	'399597578'/_/401267059'		1.5	3.33	3.33	0.49	0.7	3.33	1.42 No	0.49	Thermal Discharging
UPP082	803	'43946815'/_/43946817'		3.33	3.33	3.33	0.49	0.5	3.33	1.42 No	0.49	Thermal Discharging
UPP082	804	'6577594'/_/6577591'		3.33	3.33	3.33	0.49	0.8	3.33	1.42 No	0.49	Thermal Discharging
UPP082	805	'6588909'/_/43946861'		1.6	3.33	3.33	0.49	0.5	3.33	1.42 No	0.49	Thermal Discharging
UPP082	806	'6577372'/_/6577386'		3.1	10	10	1.46	1.5	10	4.27 No	1.46	Thermal Discharging
UPP082	807	'6579701'/_/6579698'		1.57	3.33	3.33	0.49	0.3	3.33	1.42 No	0.3	Element Fault
UPP082	808	'43945134'/_/6573767'		1.47	3.33	3.33	0.49	0.3	3.33	1.42 No	0.3	Element Fault
UPP082	809	'49459817'/_/6589705'		1.5	3.33	3.33	0.49	0.5	3.33	1.42 No	0.49	Thermal Discharging
UPP082	810	'6589708'/_/6592131_2'		1.47	3.33	3.33	0.49	0.5	3.33	1.42 No	0.49	Thermal Discharging
UPP082	811	'6577607'/_/6577604'		3.33	3.33	3.33	0.49	0.8	3.33	1.42 No	0.49	Thermal Discharging
UPP082	812	'43945042'/_/6583179'		3.33	3.33	3.33	0.49	0.5	3.33	1.42 No	0.49	Thermal Discharging
UPP082	813	'6577542'/_/6577552'		3.33	3.33	3.33	0.49	0.5	3.33	1.42 No	0.49	Thermal Discharging
UPP082	814	'6587859'/_/6589718'		1.4	3.33	3.33	0.49	0.5	3.33	1.42 No	0.49	Thermal Discharging
UPP082	815	'6579714'/_/6579711'		1.4	3.33	3.33	0.49	0.3	3.33	1.42 No	0.3	Element Fault
UPP082	816	'6577355'/_/6577369'		2.9	10	10	1.46	1.5	10	4.27 No	1.46	Thermal Discharging
UPP082	817	'7767515'/_/7767513'		1	3.33	3.33	0.49	0.7	3.33	1.42 No	0.49	Thermal Discharging
UPP082	818	'43948240'/_/6592131_1'		1.33	3.33	3.33	0.49	0.5	3.33	1.42 No	0.49	Thermal Discharging
UPP082	819	'43945196'/_/399597615'		1.2	3.33	3.33	0.49	0.7	3.33	1.42 No	0.49	Thermal Discharging
UPP082	820	'413738700'/_/43945198_1'		1.2	3.33	3.33	0.49	0.7	3.33	1.42 No	0.49	Thermal Discharging
UPP082	821	'6577639'/_/450051077'		3.33	3.33	3.33	0.49	0.8	3.33	1.42 No	0.49	Thermal Discharging
UPP082	822	'6583266'/_/43945136'		1.53	3.33	3.33	0.49	0.3	3.33	1.42 No	0.3	Element Fault
UPP082	823	'6587858'/_/6587856'		1.3	3.33	3.33	0.49	0.5	3.33	1.42 No	0.49	Thermal Discharging
UPP082	824	'43946743'/_/6577352'		2.8	10	10	1.46	1.5	10	4.27 No	1.46	Thermal Discharging
UPP082	825	'6579727'/_/6579724'		1.27	3.33	3.33	0.49	0.3	3.33	1.42 No	0.3	Element Fault
UPP082	826	'6583195'/_/43945044'		3.33	3.33	3.33	0.49	0.5	3.33	1.42 No	0.49	Thermal Discharging
UPP082	827	'90551987'/_/6577539'		2.1	3.33	3.33	0.49	0.5	3.33	1.42 No	0.49	Thermal Discharging
UPP082	828	'6574262'/_/43945198_2'		1.13	3.33	3.33	0.49	0.7	3.33	1.42 No	0.49	Thermal Discharging
UPP082	829	'6573782'/_/6583276'		1.57	3.33	3.33	0.49	0.3	3.33	1.42 No	0.3	Element Fault
UPP082	830	'6577337'/_/6577335'		2.7	10	10	1.46	1.5	10	4.27 No	1.46	Thermal Discharging
UPP082	831	'6579740'/_/6579737'		1.2	3.33	3.33	0.49	0.3	3.33	1.42 No	0.3	Element Fault
UPP082	832	'6579256'/_/6587869'		1.2	3.33	3.33	0.49	0.5	3.33	1.42 No	0.49	Thermal Discharging
UPP082	833	'6592134'/_/43948242'		1.17	3.33	3.33	0.49	0.5	3.33	1.42 No	0.49	Thermal Discharging
UPP082	834	'6584693'/_/90551996'		1.83	3.33	3.33	0.49	0.5	3.33	1.42 No	0.49	Thermal Discharging
UPP082	835	'6573795'/_/6573780'		1.6	3.33	3.33	0.49	0.3	3.33	1.42 No	0.3	Element Fault
UPP082	836	'411320227'/_/6573793_1'		1.6	3.33	3.33	0.49	0.3	3.33	1.42 No	0.3	Element Fault
UPP082	837	'6577321'/_/6585044'		2.6	10	10	1.46	1.5	10	4.27 No	1.46	Thermal Discharging
UPP082	838	'6579255'/_/6579253'		1.13	3.33	3.33	0.49	0.5	3.33	1.42 No	0.49	Thermal Discharging
UPP082	839	'43945207'/_/6574275'		1.07	3.33	3.33	0.49	0.7	3.33	1.42 No	0.49	Thermal Discharging
UPP082	840	'6579753'/_/6579750'		1.13	3.33	3.33	0.49	0.3	3.33	1.42 No	0.3	Element Fault
UPP082	841	'6592188'/_/6592186'		1.7	3.33	3.33	0.49	0.5	3.33	1.42 No	0.49	Thermal Discharging
UPP082	842	'6577516'/_/6584690'		1.63	3.33	3.33	0.49	0.5	3.33	1.42 No	0.49	Thermal Discharging
UPP082	843	'8089144'/_/8089142'		0.87	3.33	3.33	0.49	0.7	3.33	1.42 No	0.49	Thermal Discharging
UPP082	844	'6594542'/_/6594553'		3.33	3.33	3.33	0.49	0.5	3.33	1.42 No	0.49	Thermal Discharging
UPP082	845	'6592162'/_/6592199'		1.6	3.33	3.33	0.49	0.5	3.33	1.42 No	0.49	Thermal Discharging
UPP082	846	'6579766'/_/6579763'		1.07	3.33	3.33	0.49	0.3	3.33	1.42 No	0.3	Element Fault
UPP082	847	'6577304'/_/6577318'		2.4	10	10	1.46	1.5	10	4.27 No	1.46	Thermal Discharging
UPP082	848	'43945218'/_/6574288'		1	3.33	3.33	0.49	0.7	3.33	1.42 No	0.49	Thermal Discharging
UPP082	849	'6574291'/_/7454092_2'		1	3.33	3.33	0.49	0.7	3.33	1.42 No	0.49	Thermal Discharging
UPP082	850	'6573796'/_/6573793_2'		1.7	3.33	3.33	0.49	0.3	3.33	1.42 No	0.3	Element Fault
UPP082	851	'9033517'/_/9348314'		0.83	3.33	3.33	0.49	0.7	3.33	1.42 No	0.49	Thermal Discharging
UPP082	852	'459599848'/_/9033515_1'		0.8	3.33	3.33	0.49	0.7	3.33	1.42 No	0.49	Thermal Discharging
UPP082	853	'43946804'/_/43946806'		1.47	3.33	3.33	0.49	0.5	3.33	1.42 No	0.49	Thermal Discharging
UPP082	854	'6573809'/_/6573806'		1.77	3.33	3.33	0.49	0.3	3.33	1.42 No	0.3	Element Fault
UPP082	855	'43947904'/_/6584591'		1	3.33	3.33	0.49	0.3	3.33	1.42 No	0.3	Element Fault
UPP082	856	'43948397'/_/6592160'		1.47	3.33	3.33	0.49	0.5	3.33	1.42 No	0.49	Thermal Discharging
UPP082	857	'43946730'/_/6577301'		2.3	10	10	1.46	1.5	10	4.27 No	1.46	Thermal Discharging
UPP082	858	'6581562'/_/9033515_2'		0.8	3.33	3.33	0.49	0.7	3.33	1.42 No	0.49	Thermal Discharging
UPP082	859	'418703544'/_/7886625_1'		0.8	3							

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
											VSR (MW)	Limiting Threshold
UPP082	861	'6573822_/_6573819'		1.87	3.33	3.33	0.49	0.3	3.33	1.42 No	0.3	Element Fault
UPP082	862	'43945053_/_6594540'		3.33	3.33	3.33	0.49	0.5	3.33	1.42 No	0.49	Thermal Discharging
UPP082	863	'459599880_/_6581559_2'		0.77	3.33	3.33	0.49	0.7	3.33	1.42 No	0.49	Thermal Discharging
UPP082	864	'7886627_/_7886625_2'		0.77	3.33	3.33	0.49	0.7	3.33	1.42 No	0.49	Thermal Discharging
UPP082	865	'43948251_/_43948399'		1.37	3.33	3.33	0.49	0.5	3.33	1.42 No	0.49	Thermal Discharging
UPP082	866	'6577286_/_6577284'		2.2	10	10	1.46	1.5	10	4.27 No	1.46	Thermal Discharging
UPP082	867	'43945273_/_6581559_1'		0.77	3.33	3.33	0.49	0.5	3.33	1.42 No	0.49	Thermal Discharging
UPP082	868	'7886804_/_9661058'		0.73	3.33	3.33	0.49	0.7	3.33	1.42 No	0.49	Thermal Discharging
UPP082	869	'6584607_/_43947906'		0.93	3.33	3.33	0.49	0.3	3.33	1.42 No	0.3	Element Fault
UPP082	870	'43948273_/_6592296'		2.37	3.33	3.33	0.49	0.3	3.33	1.42 No	0.3	Element Fault
UPP082	871	'7454095_/_7454092_1'		0.87	3.33	3.33	0.49	0.5	3.33	1.42 No	0.49	Thermal Discharging
UPP082	872	'6584635_/_6584633'		2.1	10	10	1.46	1.5	10	4.27 No	1.46	Thermal Discharging
UPP082	873	'43945065_/_43945055'		2.2	3.33	3.33	0.49	0.5	3.33	1.42 No	0.49	Thermal Discharging
UPP082	874	'6584718_/_6592212'		1.27	3.33	3.33	0.49	0.5	3.33	1.42 No	0.49	Thermal Discharging
UPP082	875	'6592312_/_43948275'		2.17	3.33	3.33	0.49	0.3	3.33	1.42 No	0.3	Element Fault
UPP082	876	'459238613_/_7886801_2'		0.7	3.33	3.33	0.49	0.7	3.33	1.42 No	0.49	Thermal Discharging
UPP082	877	'6584620_/_6584617'		0.9	3.33	3.33	0.49	0.3	3.33	1.42 No	0.3	Element Fault
UPP082	878	'7767922_/_7886801_1'		0.7	3.33	3.33	0.49	0.4	3.33	1.42 No	0.4	Element Fault
UPP082	879	'6574369_/_6574379'		0.7	3.33	3.33	0.49	0.5	3.33	1.42 No	0.49	Thermal Discharging
UPP082	880	'418703676_/_7767919_1'		0.7	3.33	3.33	0.49	0.4	3.33	1.42 No	0.4	Element Fault
UPP082	881	'392730192_/_6574738_2'		0.7	3.33	3.33	0.49	0.4	3.33	1.42 No	0.4	Element Fault
UPP082	882	'43945284_/_6574738_1'		0.7	3.33	3.33	0.49	0.4	3.33	1.42 No	0.4	Element Fault
UPP082	883	'6577422_/_6584673'		2	10	10	1.46	1.5	10	4.27 No	1.46	Thermal Discharging
UPP082	884	'454791016_/_454790790_2'		0.7	3.33	3.33	0.49	0.4	3.33	1.42 No	0.4	Element Fault
UPP082	885	'6574741_/_6585852_1'		0.7	3.33	3.33	0.49	0.4	3.33	1.42 No	0.4	Element Fault
UPP082	886	'43946782_/_6584716'		1.2	3.33	3.33	0.49	0.5	3.33	1.42 No	0.49	Thermal Discharging
UPP082	887	'43945262_/_43945264'		0.7	3.33	3.33	0.49	0.5	3.33	1.42 No	0.49	Thermal Discharging
UPP082	888	'6574356_/_6574353_2'		0.67	3.33	3.33	0.49	0.5	3.33	1.42 No	0.49	Thermal Discharging
UPP082	889	'445712604_/_6577662_1'		1.17	3.33	3.33	0.49	0.3	3.33	1.42 No	0.3	Element Fault
UPP082	890	'7767500_/_9348628'		0.77	3.33	3.33	0.49	0.5	3.33	1.42 No	0.49	Thermal Discharging
UPP082	891	'43945076_/_6573589'		1.8	3.33	3.33	0.49	0.5	3.33	1.42 No	0.49	Thermal Discharging
UPP082	892	'6574343_/_6574353_1'		0.67	3.33	3.33	0.49	0.5	3.33	1.42 No	0.49	Thermal Discharging
UPP082	893	'6577423_/_6577420'		1.9	10	10	1.46	1.5	10	4.27 No	1.46	Thermal Discharging
UPP082	894	'454790769_/_454790790_1'		0.63	3.33	3.33	0.49	0.3	3.33	1.42 No	0.3	Element Fault
UPP082	895	'43945295_/_6585852_2'		0.63	3.33	3.33	0.49	0.4	3.33	1.42 No	0.4	Element Fault
UPP082	896	'6577476_/_6577662_2'		1.07	3.33	3.33	0.49	0.3	3.33	1.42 No	0.3	Element Fault
UPP082	897	'43945087_/_6573602'		1.67	3.33	3.33	0.49	0.5	3.33	1.42 No	0.49	Thermal Discharging
UPP082	898	'43945251_/_43945253'		0.63	3.33	3.33	0.49	0.5	3.33	1.42 No	0.49	Thermal Discharging
UPP082	899	'6577477_/_6577474'		1.03	3.33	3.33	0.49	0.3	3.33	1.42 No	0.3	Element Fault
UPP082	900	'362524397_/_43945297_1'		0.6	3.33	3.33	0.49	0.4	3.33	1.42 No	0.4	Element Fault
UPP082	901	'6585081_/_6585078'		1.8	10	10	1.46	1.5	10	4.27 No	1.46	Thermal Discharging
UPP082	902	'44993559_/_6581572'		0.6	3.33	3.33	0.49	0.5	3.33	1.42 No	0.49	Thermal Discharging
UPP082	903	'6574757_/_43945297_2'		0.6	3.33	3.33	0.49	0.4	3.33	1.42 No	0.4	Element Fault
UPP082	904	'409510713_/_6574767'		0.6	3.33	3.33	0.49	0.4	3.33	1.42 No	0.4	Element Fault
UPP082	905	'454790929_/_454790806'		0.6	3.33	3.33	0.49	0.3	3.33	1.42 No	0.3	Element Fault
UPP082	906	'6585063_/_6585098'		1.8	10	10	1.46	1.5	10	4.27 No	1.46	Thermal Discharging
UPP082	907	'7453766_/_7767497'		0.67	3.33	3.33	0.49	0.5	3.33	1.42 No	0.49	Thermal Discharging
UPP082	908	'6573618_/_6573615'		1.5	3.33	3.33	0.49	0.5	3.33	1.42 No	0.49	Thermal Discharging
UPP082	909	'43946769_/_6585061'		1.7	10	10	1.46	1.5	10	4.27 No	1.46	Thermal Discharging
UPP082	910	'393825616_/_43946771'		1.7	10	10	1.46	1.5	10	4.27 No	1.46	Thermal Discharging
UPP082	911	'6577440_/_393825629'		1.7	10	10	1.46	1.5	10	4.27 No	1.46	Thermal Discharging
UPP082	912	'6574770_/_7453764_1'		0.6	3.33	3.33	0.49	0.4	3.33	1.42 No	0.4	Element Fault
UPP082	913	'43946826_/_6577649'		0.93	3.33	3.33	0.49	0.3	3.33	1.42 No	0.3	Element Fault
UPP082	914	'6895469_/_7111269'		1.4	3.33	3.33	0.49	0.5	3.33	1.42 No	0.49	Thermal Discharging
UPP082	915	'6577457_/_6577454'		1.7	10	10	1.46	1.5	10	4.27 No	1.46	Thermal Discharging
UPP082	916	'6577490_/_6577487'		0.87	3.33	3.33	0.49	0.3	3.33	1.42 No	0.3	Element Fault
UPP083	0	'UPP083_/_7779101'		10	10	10	0.66	10	10	10	0.66	Thermal Discharging
UPP083	1	'58111651_/_7779101'		10	10	10	0.66	10	10	5.55 No	0.66	Thermal Discharging
UPP083	2	'58111621_/_58110725'		10	10	10	0.66	10	10	5.55 No	0.66	Thermal Discharging
UPP083	3	'58110745_/_58110742'		10	10	10	0.66	10	10	5.55 No	0.66	Thermal Discharging
UPP083	4	'58110755_/_58110752'		10	10	10	0.66	10	10	5.55 No	0.66	Thermal Discharging
UPP083	5	'58110774_/_58110771'		10	10	10	0.66	10	10	5.55 No	0.66	Thermal Discharging
UPP083	6	'58110794_/_58110786'		10	10	10	0.66	10	10	5.55 No	0.66	Thermal Discharging
UPP083	7	'58114647_/_58110803'		10	10	10	0.66	10	10	5.55 No	0.66	Thermal Discharging
UPP083	8	'58114804_/_58114673'		10	10	10	0.66	10	10	5.55 No	0.66	Thermal Discharging
UPP083	9	'403905895_/_58114808'		10	10	10	0.66	10	10	5.55 No	0.66	Thermal Discharging
UPP083	10	'58114846_/_58114838'		10	10	10	0.66	4.6	10	5.55 No	0.66	Thermal Discharging
UPP083	11	'58114828_/_58114832'		10	10	10	0.66	4.5	10	5.55 No	0.66	Thermal Discharging
UPP083	12	'58114816_/_58114814'		10	10	10	0.66	10	10	5.55 No	0.66	Thermal Discharging
UPP083	13	'58114981_/_58114955'		10	10	10	0.66	4.5	10	5.55 No	0.66	Thermal Discharging
UPP083	14	'58110806_/_58114914'		10	10	10	0.66	10	10	5.55 No	0.66	Thermal Discharging
UPP083	15	'56892005_/_54215780'		10	10	10	0.66	4.6	10	5.55 No	0.66	Thermal Discharging
UPP083	16	'56891985_/_56891805'		10	10	10	0.66	4.6	10	5.55 No	0.66	Thermal Discharging
UPP083	17	'56892016_/_56891811'		3.33	3.33	3.33	0.22	1.53	3.33	1.85 No	0.22	Thermal Discharging
UPP083	18	'56891986_/_56891775'		10	10	10	0.66	4.6	10	5.55 No	0.66	Thermal Discharging
UPP083	19	'56891996_/_56891787'		10	10	10	0.66	4.6	10	5.55 No	0.66	Thermal Discharging
UPP083	20	'54215674_/_54215614'		6.67	6.67	6.67	0.44	3	6.67	3.7 No	0.44	Thermal Discharging
UPP083	21	'56891347_/_54216031'		3.33	3.33	3.33	0.22	1.53	3.33	1.85 No	0.22	Thermal Discharging
UPP083	22	'58110823_/_58110820'		10	10	10	0.66	10	10	5.55 No	0.66	Thermal Discharging
UPP083	23	'56891386_/_56891379'		3.33	3.33	3.33	0.22	1.53	3.33	1.85 No	0.22	Thermal Discharging
UPP083	24	'54215652_/_54215710'		3.33	3.33	3.33	0.22	1.5	3.33	1.85 No	0.22	Thermal Discharging
UPP083	25	'90753724_/_56892211'		10	10	10	0.66	4.6	10	5.55 No	0.66	Thermal Discharging
UPP083	26	'58110840_/_58110837'		10	10	10	0.66	10	10	5.55 No	0.66	Thermal Discharging
UPP083	27	'57754405_/_54215828'		10	10	10	0.66	4.6	10	5.55 No	0.66	Thermal Discharging
UPP083	28	'58110857_/_58110854'		10	10	10	0.66	10	10	5.55 No	0.66	Thermal Discharging
UPP083	29	'56892302_/_56891423_1'		3.33	3.33	3.33	0.22	1.53	3.33	1.85 No	0.22	Thermal Discharging
UPP083	30	'118962947_/_118962956'		10	10	10	0.66	10	10	5.55 No	0.66	Thermal Discharging
UPP083	31	'57754442_/_57754462'		10	10	10	0.66	4.6	10	5.55 No	0.66	Thermal Discharging
UPP083	32	'54215804_/_54215742'		10	10	10	0.66	4.5	10	5.55 No	0.66	Thermal Discharging
UPP083	33	'118962975_/_118962984'		10	10	10	0.66	10	10	5.55 No	0.66	Thermal Discharging
UPP083	34	'729098637_/_118963001'		10	10	10	0.66	10	10	5.55 No	0.66	Thermal Discharging
UPP083	35	'729098494_/_122929726'		10	10	10	0.66	10	10	5.55 No	0.66	Thermal Discharging
UPP083	36	'57754376_/_57754449'		10	10	10	0.66	4.6	10	5.55 No	0.66	Thermal Discharging
UPP083	37	'729098629_/_122929712'		10	10	10	0.66	10	10	5.55 No	0.66	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
UPP083	38	'729098633_/122929719'	10	10	10	0.66	10	10	5.55 No	0.66	Thermal Discharging
UPP083	39	'729098641_/122929733'	10	10	10	0.66	10	10	5.55 No	0.66	Thermal Discharging
UPP083	40	'739912764_/739912754'	10	10	10	0.66	10	10	5.55 No	0.66	Thermal Discharging
UPP083	41	'740067990_/739912927'	10	10	10	0.66	10	10	5.55 No	0.66	Thermal Discharging
UPP083	42	'54215857_/54215896'	10	10	10	0.66	4.5	10	5.55 No	0.66	Thermal Discharging
UPP083	43	'739912828_/739912801'	10	10	10	0.66	10	10	5.55 No	0.66	Thermal Discharging
UPP083	44	'740068019_/740067998'	10	10	10	0.66	10	10	5.55 No	0.66	Thermal Discharging
UPP083	45	'54216010_/54215921_1'	10	10	10	0.66	4.6	10	5.55 No	0.66	Thermal Discharging
UPP083	46	'118963084_/740068027'	10	10	10	0.66	10	10	5.55 No	0.66	Thermal Discharging
UPP083	47	'122930058_/9667142'	10	10	10	0.66	10	10	5.55 No	0.66	Thermal Discharging
UPP083	48	'62185826_/57754375'	10	10	10	0.66	4.6	10	5.55 No	0.66	Thermal Discharging
UPP083	49	'37994643_/739912896'	10	10	10	0.66	10	10	5.55 No	0.66	Thermal Discharging
UPP083	50	'429710016_/37994647'	10	10	10	0.66	10	10	5.55 No	0.66	Thermal Discharging
UPP083	51	'111816119_/110216575'	10	10	10	0.66	10	10	5.55 No	0.66	Thermal Discharging
UPP083	52	'629302682_/9371004'	10	10	10	0.66	10	10	5.55 No	0.66	Thermal Discharging
UPP083	53	'9028769_/9342162'	10	10	10	0.66	10	10	5.55 No	0.66	Thermal Discharging
UPP083	54	'62185902_/62185922'	10	10	10	0.66	4.6	10	5.55 No	0.66	Thermal Discharging
UPP083	55	'62185793_/62185909'	10	10	10	0.66	4.6	10	5.55 No	0.66	Thermal Discharging
UPP083	56	'8399036_/9028767'	10	10	10	0.66	10	10	5.55 No	0.66	Thermal Discharging
UPP083	57	'8399037_/8399034'	10	10	10	0.66	10	10	5.55 No	0.66	Thermal Discharging
UPP083	58	'54215831_/62185796'	10	10	10	0.66	4.6	10	5.55 No	0.66	Thermal Discharging
UPP083	59	'9341535_/9656317'	10	10	10	0.66	10	10	5.55 No	0.66	Thermal Discharging
UPP083	60	'8084550_/9341532'	10	10	10	0.66	10	10	5.55 No	0.66	Thermal Discharging
UPP083	61	'8084530_/8084547'	10	10	10	0.66	10	10	5.55 No	0.66	Thermal Discharging
UPP083	62	'54215928_/54215987'	10	10	10	0.66	4.6	10	5.55 No	0.66	Thermal Discharging
UPP083	63	'8084370_/8084527'	10	10	10	0.66	10	10	5.55 No	0.66	Thermal Discharging
UPP083	64	'8084369_/8084367'	10	10	10	0.66	10	10	5.55 No	0.66	Thermal Discharging
UPP083	65	'8084350_/9028507'	10	10	10	0.66	10	10	5.55 No	0.66	Thermal Discharging
UPP083	66	'8084349_/8084347'	10	10	10	0.66	10	10	5.55 No	0.66	Thermal Discharging
UPP083	67	'9656624_/9656621'	10	10	10	0.66	10	10	5.55 No	0.66	Thermal Discharging
UPP083	68	'150259500_/9657073'	10	10	10	0.66	10	10	5.55 No	0.66	Thermal Discharging
UPP083	69	'124174688_/124174697'	10	10	10	0.66	10	10	5.55 No	0.66	Thermal Discharging
UPP083	70	'124174602_/124174714'	10	10	10	0.66	10	10	5.55 No	0.66	Thermal Discharging
UPP083	71	'124174589_/124174599'	10	10	10	0.66	10	10	5.55 No	0.66	Thermal Discharging
UPP083	72	'124174588_/124174585'	10	10	10	0.66	4.5	10	5.55 No	0.66	Thermal Discharging
UPP083	73	'124174595_/124174592'	10	10	10	0.66	10	10	5.55 No	0.66	Thermal Discharging
UPP083	74	'124174609_/124174606'	10	10	10	0.66	10	10	5.55 No	0.66	Thermal Discharging
UPP083	75	'124174742_/124174768'	10	10	10	0.66	10	10	5.55 No	0.66	Thermal Discharging
UPP083	76	'153585620_/124174751'	10	10	10	0.66	10	10	5.55 No	0.66	Thermal Discharging
UPP083	77	'8085158_/8085155'	10	10	10	0.66	10	10	5.55 No	0.66	Thermal Discharging
UPP083	78	'8400062_/8400060'	10	10	10	0.66	10	10	5.55 No	0.66	Thermal Discharging
UPP083	79	'9341924_/9656641'	10	10	10	0.66	10	10	5.55 No	0.66	Thermal Discharging
UPP083	80	'8084901_/9341922'	10	10	10	0.66	10	10	5.55 No	0.66	Thermal Discharging
UPP083	81	'124296320_/8084899'	10	10	10	0.66	10	10	5.55 No	0.66	Thermal Discharging
UPP083	82	'37974524_/7763597'	9.9	10	10	0.66	10	10	5.55 No	0.66	Thermal Discharging
UPP083	83	'405199770_/37974521'	9.9	10	10	0.66	10	10	5.55 No	0.66	Thermal Discharging
UPP083	84	'37974538_/37974535'	9.9	10	10	0.66	4.5	10	5.55 No	0.66	Thermal Discharging
UPP083	85	'37974566_/37974563'	9.9	10	10	0.66	4.6	10	5.55 No	0.66	Thermal Discharging
UPP083	86	'37974552_/37974549'	9.9	10	10	0.66	10	10	5.55 No	0.66	Thermal Discharging
UPP083	87	'37974587_/7450298'	8.9	10	10	0.66	10	10	5.55 No	0.66	Thermal Discharging
UPP083	88	'405199662_/37974584'	8.9	10	10	0.66	10	10	5.55 No	0.66	Thermal Discharging
UPP083	89	'37974608_/37974605'	8.9	10	10	0.66	10	10	5.55 No	0.66	Thermal Discharging
UPP083	90	'37973312_/37974598'	8.9	10	10	0.66	10	10	5.55 No	0.66	Thermal Discharging
UPP083	91	'37974622_/37974619'	8.9	10	10	0.66	10	10	5.55 No	0.66	Thermal Discharging
UPP083	92	'7763620_/8399606'	8.2	10	10	0.66	4.6	10	5.55 No	0.66	Thermal Discharging
UPP083	93	'37974510_/9341902'	7.2	10	10	0.66	4.5	10	5.55 No	0.66	Thermal Discharging
UPP083	94	'37974475_/37974633'	7.2	10	10	0.66	4.5	10	5.55 No	0.66	Thermal Discharging
UPP083	95	'37974496_/37974500'	7.2	10	10	0.66	4.5	10	5.55 No	0.66	Thermal Discharging
UPP083	96	'37974482_/37974486'	7.2	10	10	0.66	4.5	10	5.55 No	0.66	Thermal Discharging
UPP083	97	'37974468_/37974472'	7.2	10	10	0.66	4.5	10	5.55 No	0.66	Thermal Discharging
UPP083	98	'37973145_/7450258'	7.2	10	10	0.66	10	10	5.55 No	0.66	Thermal Discharging
UPP083	99	'405326592_/37973142'	7.2	10	10	0.66	10	10	5.55 No	0.66	Thermal Discharging
UPP083	100	'37973173_/37973170'	7.2	10	10	0.66	10	10	5.55 No	0.66	Thermal Discharging
UPP083	101	'37973159_/37973156'	7.2	10	10	0.66	10	10	5.55 No	0.66	Thermal Discharging
UPP083	102	'405326597_/37973128'	7.2	10	10	0.66	10	10	5.55 No	0.66	Thermal Discharging
UPP083	103	'8399568_/453808827'	6	10	10	0.66	4.5	10	5.55 No	0.66	Thermal Discharging
UPP083	104	'8399569_/453808864'	5.5	10	10	0.66	4.5	10	5.55 No	0.66	Thermal Discharging
UPP083	105	'37973194_/9028647'	6.4	10	10	0.66	10	10	5.55 No	0.66	Thermal Discharging
UPP083	106	'405326489_/37973191'	6.4	10	10	0.66	10	10	5.55 No	0.66	Thermal Discharging
UPP083	107	'7763619_/7763617'	5.5	10	10	0.66	4.6	10	5.55 No	0.66	Thermal Discharging
UPP083	108	'37973243_/37973240'	6.4	10	10	0.66	4.6	10	5.55 No	0.66	Thermal Discharging
UPP083	109	'37973229_/37973226'	6.4	10	10	0.66	4.6	10	5.55 No	0.66	Thermal Discharging
UPP083	110	'37973215_/37973212'	6.4	10	10	0.66	10	10	5.55 No	0.66	Thermal Discharging
UPP083	111	'8084153_/580240192'	4.7	10	10	0.66	4.6	10	5.55 No	0.66	Thermal Discharging
UPP083	112	'8398609_/704682522'	5.1	10	10	0.66	4.6	10	5.55 No	0.66	Thermal Discharging
UPP083	113	'8084154_/580240209'	4	10	10	0.66	4.6	10	5.55 No	0.66	Thermal Discharging
UPP083	114	'9028329_/319198489'	4.4	10	10	0.66	4.6	10	5.55 No	0.66	Thermal Discharging
UPP083	115	'9028330_/319198545'	4.3	10	10	0.66	4.6	10	5.55 No	0.66	Thermal Discharging
UPP083	116	'8398608_/704682479'	4	10	10	0.66	4.6	10	5.55 No	0.66	Thermal Discharging
UPP083	117	'566648545_/566648462'	3.6	10	10	0.66	4.6	10	5.55 No	0.66	Thermal Discharging
UPP083	118	'7448981_/566648473'	3.6	10	10	0.66	4.6	10	5.55 No	0.66	Thermal Discharging
UPP083	119	'8708133_/580240175'	3.5	10	10	0.66	4.6	10	5.55 No	0.66	Thermal Discharging
UPP083	120	'9027909_/684506192'	3.8	10	10	0.66	4.6	10	5.55 No	0.66	Thermal Discharging
UPP083	121	'7449000_/9027867'	3.6	10	10	0.66	4.6	10	5.55 No	0.66	Thermal Discharging
UPP083	122	'8708152_/580240158'	3.3	10	10	0.66	4.6	10	5.55 No	0.66	Thermal Discharging
UPP083	123	'8398293_/684506209'	3.2	10	10	0.66	4.6	10	5.55 No	0.66	Thermal Discharging
UPP083	124	'7449001_/633076411'	3.1	10	10	0.66	4.6	10	5.55 No	0.66	Thermal Discharging
UPP083	125	'7762339_/580240141'	2.8	10	10	0.66	4.6	10	5.55 No	0.66	Thermal Discharging
UPP083	126	'7449554_/633076606'	3	10	10	0.66	4.6	10	5.55 No	0.66	Thermal Discharging
UPP083	127	'7762340_/580240124'	2.7	10	10	0.66	4.6	10	5.55 No	0.66	Thermal Discharging
UPP083	128	'8708213_/684506228'	2.8	10	10	0.66	4.6	10	5.55 No	0.66	Thermal Discharging
UPP083	129	'720741664_/580240104_1'	2.6	10	10	0.66	4.6	10	5.55 No	0.66	Thermal Discharging
UPP083	130	'51313585_/684506249'	2.7	10	10	0.66	4.6	10	5.55 No	0.66	Thermal Discharging
UPP083	131	'154654303_/580240104_2'	2.6	10	10	0.66	4.6	10	5.55 No	0.66	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
UPP083	132	'8398252_/_684506268'	2.7	10	10	0.66	4.6	10	5.55 No	0.66	Thermal Discharging
UPP083	133	'8398629_/_633076617'	2.6	10	10	0.66	4.6	10	5.55 No	0.66	Thermal Discharging
UPP083	134	'37973264_/_633076628'	2.6	10	10	0.66	4.6	10	5.55 No	0.66	Thermal Discharging
UPP083	135	'37973257_/_684506357'	2.6	10	10	0.66	4.6	10	5.55 No	0.66	Thermal Discharging
UPP083	136	'37973292_/_684506369'	2.6	10	10	0.66	4.6	10	5.55 No	0.66	Thermal Discharging
UPP083	137	'37973278_/_684506363'	2.6	10	10	0.66	4.6	10	5.55 No	0.66	Thermal Discharging
UPP083	138	'37973256_/_684506375'	2.6	10	10	0.66	4.6	10	5.55 No	0.66	Thermal Discharging
UPP083	139	'387567129_/_384795888'	2.5	10	10	0.66	4.6	10	5.55 No	0.66	Thermal Discharging
UPP083	140	'387567105_/_387567163'	2.5	10	10	0.66	4.6	10	5.55 No	0.66	Thermal Discharging
UPP083	141	'8708429_/_8708426'	2.5	10	10	0.66	4.2	10	5.55 No	0.66	Thermal Discharging
UPP083	142	'9656022_/_9656019'	2.4	10	10	0.66	4.2	10	5.55 No	0.66	Thermal Discharging
UPP084	0	'UPP084_/_9045993'	10	10	10	2.2	10	10	4.52 No	2.2	Thermal Discharging
UPP084	1	'8408573_/_9045993'	10	10	10	2.2	10	10	4.52 No	2.2	Thermal Discharging
UPP084	2	'58111110_/_8408570'	10	10	10	2.2	10	10	4.52 No	2.2	Thermal Discharging
UPP084	3	'58111122_/_8729014'	10	10	10	2.2	10	10	4.52 No	2.2	Thermal Discharging
UPP084	4	'58111154_/_8729054'	10	10	10	2.2	10	10	4.52 No	2.2	Thermal Discharging
UPP084	5	'58111181_/_7465405'	10	10	10	2.2	10	10	4.52 No	2.2	Thermal Discharging
UPP084	6	'58111319_/_58111178'	10	10	10	2.2	10	10	4.52 No	2.2	Thermal Discharging
UPP084	7	'58111298_/_58111316'	10	10	10	2.2	10	10	4.52 No	2.2	Thermal Discharging
UPP084	8	'58111277_/_58111295'	10	10	10	2.2	10	10	4.52 No	2.2	Thermal Discharging
UPP084	9	'58111351_/_58111274'	10	10	10	2.2	10	10	4.52 No	2.2	Thermal Discharging
UPP084	10	'58111235_/_58111253'	10	10	10	2.2	10	10	4.52 No	2.2	Thermal Discharging
UPP084	11	'149891270_/_58111232'	10	10	10	2.2	10	10	4.52 No	2.2	Thermal Discharging
UPP084	12	'58111385_/_58111211'	10	10	10	2.2	10	10	4.52 No	2.2	Thermal Discharging
UPP084	13	'58111409_/_8400020'	10	10	10	2.2	10	10	4.52 No	2.2	Thermal Discharging
UPP084	14	'9029543_/_9656853'	10	10	10	2.2	10	10	4.52 No	2.2	Thermal Discharging
UPP084	15	'9029544_/_9029541'	10	10	10	2.2	10	10	4.52 No	2.2	Thermal Discharging
UPP084	16	'9341595_/_9656337'	10	10	10	2.2	10	10	4.52 No	2.2	Thermal Discharging
UPP084	17	'9028830_/_9341592'	10	10	10	2.2	10	10	4.52 No	2.2	Thermal Discharging
UPP084	18	'629489725_/_9028827'	10	10	10	2.2	10	10	4.52 No	2.2	Thermal Discharging
UPP084	19	'8708841_/_8708838'	10	10	10	2.2	10	10	4.52 No	2.2	Thermal Discharging
UPP084	20	'7763056_/_9028707'	10	10	10	2.2	10	10	4.52 No	2.2	Thermal Discharging
UPP084	21	'7763055_/_7763053'	10	10	10	2.2	10	10	4.52 No	2.2	Thermal Discharging
UPP084	22	'7449791_/_9341432'	10	10	10	2.2	10	10	4.52 No	2.2	Thermal Discharging
UPP084	23	'7449790_/_7449788'	10	10	10	2.2	10	10	4.52 No	2.2	Thermal Discharging
UPP084	24	'8084269_/_8084267'	10	10	10	2.2	10	10	4.52 No	2.2	Thermal Discharging
UPP084	25	'8084250_/_8398794'	10	10	10	2.2	10	10	4.52 No	2.2	Thermal Discharging
UPP084	26	'8084249_/_8084247'	10	10	10	2.2	10	10	4.52 No	2.2	Thermal Discharging
UPP084	27	'8085197_/_8399586'	10	10	10	2.2	10	10	4.52 No	2.2	Thermal Discharging
UPP084	28	'7764015_/_8085195'	10	10	10	2.2	10	10	4.52 No	2.2	Thermal Discharging
UPP084	29	'7764016_/_7764013'	10	10	10	2.2	10	10	4.52 No	2.2	Thermal Discharging
UPP084	30	'7762876_/_9657033'	10	10	10	2.2	10	10	4.52 No	2.2	Thermal Discharging
UPP084	31	'8084882_/_8711010'	10	10	10	2.2	10	10	4.52 No	2.2	Thermal Discharging
UPP084	32	'8084881_/_8084879'	10	10	10	2.2	10	10	4.52 No	2.2	Thermal Discharging
UPP084	33	'37973768_/_7762873'	10	10	10	2.2	10	10	4.52 No	2.2	Thermal Discharging
UPP084	34	'405200519_/_37973765'	10	10	10	2.2	10	10	4.52 No	2.2	Thermal Discharging
UPP084	35	'37973782_/_37973779'	10	10	10	2.2	4.5	10	4.52 No	2.2	Thermal Discharging
UPP084	36	'37973740_/_37973737'	10	10	10	2.2	10	10	4.52 No	2.2	Thermal Discharging
UPP084	37	'37973754_/_37973751'	10	10	10	2.2	4.5	10	4.52 No	2.2	Thermal Discharging
UPP084	38	'8122078_/_8122076'	10	10	10	2.2	4.5	10	4.52 No	2.2	Thermal Discharging
UPP084	39	'7450341_/_9341962'	10	10	10	2.2	10	10	4.52 No	2.2	Thermal Discharging
UPP084	40	'7450340_/_7450338'	10	10	10	2.2	10	10	4.52 No	2.2	Thermal Discharging
UPP084	41	'7763343_/_9656501'	10	10	10	2.2	10	10	4.52 No	2.2	Thermal Discharging
UPP084	42	'7763344_/_7763341'	10	10	10	2.2	10	10	4.52 No	2.2	Thermal Discharging
UPP084	43	'8432469_/_8432466'	3.33	3.33	3.33	0.73	1.5	3.33	1.51 No	0.73	Thermal Discharging
UPP084	44	'7763459_/_9341842'	10	10	10	2.2	10	10	4.52 No	2.2	Thermal Discharging
UPP084	45	'7763460_/_7763457'	10	10	10	2.2	10	10	4.52 No	2.2	Thermal Discharging
UPP084	46	'7808943_/_8413384'	10	10	10	2.2	4.5	10	4.52 No	2.2	Thermal Discharging
UPP084	47	'7763439_/_8710622'	10	10	10	2.2	10	10	4.52 No	2.2	Thermal Discharging
UPP084	48	'7763440_/_7763437'	10	10	10	2.2	10	10	4.52 No	2.2	Thermal Discharging
UPP084	49	'8084702_/_8084699'	10	10	10	2.2	10	10	4.52 No	2.2	Thermal Discharging
UPP084	50	'8710485_/_8710482'	10	10	10	2.2	10	10	4.52 No	2.2	Thermal Discharging
UPP084	51	'9656524_/_9656521'	10	10	10	2.2	10	10	4.52 No	2.2	Thermal Discharging
UPP084	52	'7450143_/_9656561'	10	10	10	2.2	10	10	4.52 No	2.2	Thermal Discharging
UPP084	53	'7450142_/_7450140'	10	10	10	2.2	10	10	4.52 No	2.2	Thermal Discharging
UPP084	54	'8084761_/_8084759'	10	10	10	2.2	10	10	4.52 No	2.2	Thermal Discharging
UPP084	55	'8399429_/_9341802'	10	10	10	2.2	10	10	4.52 No	2.2	Thermal Discharging
UPP084	56	'8399428_/_8399426'	10	10	10	2.2	10	10	4.52 No	2.2	Thermal Discharging
UPP084	57	'9030590_/_9056399'	10	10	10	2.2	10	10	4.52 No	2.2	Thermal Discharging
UPP084	58	'9030589_/_9030587'	10	10	10	2.2	10	10	4.52 No	2.2	Thermal Discharging
UPP084	59	'8086269_/_9343514'	10	10	10	2.2	10	10	4.52 No	2.2	Thermal Discharging
UPP084	60	'7451826_/_8086267'	10	10	10	2.2	10	10	4.52 No	2.2	Thermal Discharging
UPP084	61	'7451827_/_7451824'	10	10	10	2.2	10	10	4.52 No	2.2	Thermal Discharging
UPP084	62	'9343576_/_9658476'	10	10	10	2.2	10	10	4.52 No	2.2	Thermal Discharging
UPP084	63	'9343536_/_9343574'	10	10	10	2.2	10	10	4.52 No	2.2	Thermal Discharging
UPP084	64	'7451590_/_9343534'	10	10	10	2.2	10	10	4.52 No	2.2	Thermal Discharging
UPP084	65	'7451591_/_7451588'	10	10	10	2.2	10	10	4.52 No	2.2	Thermal Discharging
UPP084	66	'7451631_/_7451628'	10	10	10	2.2	10	10	4.52 No	2.2	Thermal Discharging
UPP084	67	'9658203_/_9658200'	10	10	10	2.2	10	10	4.52 No	2.2	Thermal Discharging
UPP084	68	'9030529_/_9658220'	10	10	10	2.2	10	10	4.52 No	2.2	Thermal Discharging
UPP084	69	'9030530_/_9030527'	10	10	10	2.2	10	10	4.52 No	2.2	Thermal Discharging
UPP084	70	'9343352_/_9658260'	10	10	10	2.2	10	10	4.52 No	2.2	Thermal Discharging
UPP084	71	'9343333_/_9343350'	10	10	10	2.2	10	10	4.52 No	2.2	Thermal Discharging
UPP084	72	'8401065_/_9343330'	10	10	10	2.2	10	10	4.52 No	2.2	Thermal Discharging
UPP084	73	'8401064_/_8401062'	10	10	10	2.2	10	10	4.52 No	2.2	Thermal Discharging
UPP084	74	'8711881_/_9658280'	10	10	10	2.2	10	10	4.52 No	2.2	Thermal Discharging
UPP084	75	'8086058_/_8711878'	10	10	10	2.2	10	10	4.52 No	2.2	Thermal Discharging
UPP084	76	'7765064_/_8086055'	10	10	10	2.2	10	10	4.52 No	2.2	Thermal Discharging
UPP084	77	'7451690_/_7765061'	10	10	10	2.2	10	10	4.52 No	2.2	Thermal Discharging
UPP084	78	'55323968_/_55323908_2'	10	10	10	2.2	10	10	4.52 No	2.2	Thermal Discharging
UPP084	79	'6461771_/_55323908_1'	10	10	10	2.2	10	10	4.52 No	2.2	Thermal Discharging
UPP084	80	'6468966_/_6468963'	10	10	10	2.2	10	10	4.52 No	2.2	Thermal Discharging
UPP084	81	'6469085_/_6469099'	10	10	10	2.2	10	10	4.52 No	2.2	Thermal Discharging
UPP084	82	'6464436_/_6470005'	10	10	10	2.2	10	10	4.52 No	2.2	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
UPPO84	83	'43923714_/_43923716'		10	10	10	2.2	10	10	4.52 No	2.2 Thermal Discharging
UPPO84	84	'444690795_/_6464460_1'		3.33	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPPO84	85	'6463180_/_6463177_2'		3.33	3.33	3.33	0.73	1.5	3.33	1.51 No	0.73 Thermal Discharging
UPPO84	86	'6469084_/_6469082'		10	10	10	2.2	10	10	4.52 No	2.2 Thermal Discharging
UPPO84	87	'43923510_/_6470025'		10	10	10	2.2	10	10	4.52 No	2.2 Thermal Discharging
UPPO84	88	'440084201_/_440084142_2'		10	10	10	2.2	5.1	10	4.52 No	2.2 Thermal Discharging
UPPO84	89	'43924750_/_6470620'		10	10	10	2.2	10	10	4.52 No	2.2 Thermal Discharging
UPPO84	90	'6469119_/_43923512'		10	10	10	2.2	10	10	4.52 No	2.2 Thermal Discharging
UPPO84	91	'6464449_/_6464460_2'		3.33	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPPO84	92	'440084123_/_440084142_1'		10	10	10	2.2	1.4	10	4.52 No	1.4 Element Fault
UPPO84	93	'6463167_/_6463177_1'		3.33	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPPO84	94	'6469139_/_6469136'		10	10	10	2.2	10	10	4.52 No	2.2 Thermal Discharging
UPPO84	95	'6469068_/_6470603'		10	10	10	2.2	10	10	4.52 No	2.2 Thermal Discharging
UPPO84	96	'43923668_/_6461769'		10	10	10	2.2	3.4	10	4.52 No	2.2 Thermal Discharging
UPPO84	97	'6462217_/_6469213'		10	10	10	2.2	10	10	4.52 No	2.2 Thermal Discharging
UPPO84	98	'6469051_/_6469065'		10	10	10	2.2	10	10	4.52 No	2.2 Thermal Discharging
UPPO84	99	'6461789_/_6461806_1'		10	10	10	2.2	1.7	10	4.52 No	1.7 Element Fault
UPPO84	100	'6469034_/_6469048'		10	10	10	2.2	10	10	4.52 No	2.2 Thermal Discharging
UPPO84	101	'6469233_/_6469230'		10	10	10	2.2	10	10	4.52 No	2.2 Thermal Discharging
UPPO84	102	'6469017_/_6469031'		10	10	10	2.2	10	10	4.52 No	2.2 Thermal Discharging
UPPO84	103	'6469000_/_6469014'		10	10	10	2.2	10	10	4.52 No	2.2 Thermal Discharging
UPPO84	104	'43924089_/_6469247'		10	10	10	2.2	10	10	4.52 No	2.2 Thermal Discharging
UPPO84	105	'6468983_/_6468997'		10	10	10	2.2	10	10	4.52 No	2.2 Thermal Discharging
UPPO84	106	'6463154_/_6463164'		3.33	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPPO84	107	'43924043_/_6462215'		3.33	3.33	3.33	0.73	1.5	3.33	1.51 No	0.73 Thermal Discharging
UPPO84	108	'6468946_/_6468980'		10	10	10	2.2	10	10	4.52 No	2.2 Thermal Discharging
UPPO84	109	'6469267_/_43924091'		10	10	10	2.2	10	10	4.52 No	2.2 Thermal Discharging
UPPO84	110	'6462204_/_6462202_1'		3.33	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPPO84	111	'6456510_/_6468943'		10	10	10	2.2	10	10	4.52 No	2.2 Thermal Discharging
UPPO84	112	'43924076_/_6469281'		10	10	10	2.2	10	10	4.52 No	2.2 Thermal Discharging
UPPO84	113	'6465725_/_6465723'		10	10	10	2.2	10	10	4.52 No	2.2 Thermal Discharging
UPPO84	114	'43921394_/_6466478'		10	10	10	2.2	10	10	4.52 No	2.2 Thermal Discharging
UPPO84	115	'6462519_/_6464447'		3.33	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPPO84	116	'6458146_/_43921396'		10	10	10	2.2	10	10	4.52 No	2.2 Thermal Discharging
UPPO84	117	'6470181_/_6470195'		10	10	10	2.2	10	10	4.52 No	2.2 Thermal Discharging
UPPO84	118	'6458147_/_6464023_1'		3.33	3.33	3.33	0.73	0.4	3.33	1.51 No	0.4 Element Fault
UPPO84	119	'6462205_/_6462202_2'		3.33	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPPO84	120	'6470164_/_6470178_2'		10	10	10	2.2	10	10	4.52 No	2.2 Thermal Discharging
UPPO84	121	'6466226_/_6466223_1'		10	10	10	2.2	10	10	4.52 No	2.2 Thermal Discharging
UPPO84	122	'43921381_/_6466223_2'		10	10	10	2.2	10	10	4.52 No	2.2 Thermal Discharging
UPPO84	123	'43924417_/_6470178_1'		10	10	10	2.2	10	10	4.52 No	2.2 Thermal Discharging
UPPO84	124	'6464703_/_6470161'		10	10	10	2.2	10	10	4.52 No	2.2 Thermal Discharging
UPPO84	125	'43924391_/_43921383'		10	10	10	2.2	10	10	4.52 No	2.2 Thermal Discharging
UPPO84	126	'402428210_/_43924432_1'		10	10	10	2.2	1.5	10	4.52 No	1.5 Element Fault
UPPO84	127	'6461809_/_6461806_2'		10	10	10	2.2	1.7	10	4.52 No	1.7 Element Fault
UPPO84	128	'43924404_/_6470144'		10	10	10	2.2	10	10	4.52 No	2.2 Thermal Discharging
UPPO84	129	'439674444_/_439674391_1'		3.33	3.33	3.33	0.73	0.3	3.33	1.51 No	0.3 Element Fault
UPPO84	130	'6464608_/_43924393'		10	10	10	2.2	10	10	4.52 No	2.2 Thermal Discharging
UPPO84	131	'6464609_/_6464619_1'		3.33	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPPO84	132	'6466242_/_6470127'		10	10	10	2.2	10	10	4.52 No	2.2 Thermal Discharging
UPPO84	133	'6462390_/_6462387'		3.33	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPPO84	134	'6463125_/_6463151'		3.33	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPPO84	135	'6620875_/_7110335'		10	10	10	2.2	10	10	4.52 No	2.2 Thermal Discharging
UPPO84	136	'402428187_/_43924432_2'		10	10	10	2.2	1.5	10	4.52 No	1.5 Element Fault
UPPO84	137	'6470045_/_6470059'		10	10	10	2.2	10	10	4.52 No	2.2 Thermal Discharging
UPPO84	138	'6466243_/_6466240'		10	10	10	2.2	10	10	4.52 No	2.2 Thermal Discharging
UPPO84	139	'6461639_/_6464023_2'		3.33	3.33	3.33	0.73	0.4	3.33	1.51 No	0.4 Element Fault
UPPO84	140	'6466192_/_6470042'		10	10	10	2.2	10	10	4.52 No	2.2 Thermal Discharging
UPPO84	141	'6620858_/_6620872'		10	10	10	2.2	10	10	4.52 No	2.2 Thermal Discharging
UPPO84	142	'6466260_/_6466257'		10	10	10	2.2	10	10	4.52 No	2.2 Thermal Discharging
UPPO84	143	'6620857_/_6620855'		10	10	10	2.2	10	10	4.52 No	2.2 Thermal Discharging
UPPO84	144	'6456509_/_6456507_2'		3.33	3.33	3.33	0.73	1.5	3.33	1.51 No	0.73 Thermal Discharging
UPPO84	145	'43921190_/_43921192'		10	10	10	2.2	10	10	4.52 No	2.2 Thermal Discharging
UPPO84	146	'6457332_/_6466274'		10	10	10	2.2	10	10	4.52 No	2.2 Thermal Discharging
UPPO84	147	'6614527_/_6621829'		10	10	10	2.2	10	10	4.52 No	2.2 Thermal Discharging
UPPO84	148	'6461846_/_6461859'		3.33	3.33	3.33	0.73	0.57	3.33	1.51 No	0.57 Element Fault
UPPO84	149	'43921177_/_43921179'		10	10	10	2.2	10	10	4.52 No	2.2 Thermal Discharging
UPPO84	150	'43920692_/_6456507_1'		3.33	3.33	3.33	0.03	1.5	3.33	1.51 No	0.03 Thermal Discharging
UPPO84	151	'6466294_/_6466291'		10	10	10	2.2	10	10	4.52 No	2.2 Thermal Discharging
UPPO84	152	'6621936_/_6621934'		10	10	10	2.2	10	10	4.52 No	2.2 Thermal Discharging
UPPO84	153	'439674372_/_439674391_2'		3.33	3.33	3.33	0.73	0.3	3.33	1.51 No	0.3 Element Fault
UPPO84	154	'392537378_/_6606998_2'		3.33	3.33	3.33	0.73	1.5	3.33	1.51 No	0.73 Thermal Discharging
UPPO84	155	'6457079_/_6466155'		10	10	10	2.2	10	10	4.52 No	2.2 Thermal Discharging
UPPO84	156	'6466311_/_6466308'		10	10	10	2.2	10	10	4.52 No	2.2 Thermal Discharging
UPPO84	157	'6463112_/_6463122'		3.33	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPPO84	158	'6457333_/_6457330'		3.33	3.33	3.33	0.73	0.4	3.33	1.51 No	0.4 Element Fault
UPPO84	159	'43923499_/_6462517'		3.33	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPPO84	160	'6462234_/_6462231'		3.33	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPPO84	161	'6622433_/_6622484'		10	10	10	2.2	10	10	4.52 No	2.2 Thermal Discharging
UPPO84	162	'43924054_/_6462400'		3.33	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPPO84	163	'6622396_/_6622430'		10	10	10	2.2	10	10	4.52 No	2.2 Thermal Discharging
UPPO84	164	'6622379_/_6622376_2'		10	10	10	2.2	10	10	4.52 No	2.2 Thermal Discharging
UPPO84	165	'6466104_/_6466118'		10	10	10	2.2	10	10	4.52 No	2.2 Thermal Discharging
UPPO84	166	'6458159_/_6466325'		10	10	10	2.2	10	10	4.52 No	2.2 Thermal Discharging
UPPO84	167	'6621919_/_6622447'		10	10	10	2.2	10	10	4.52 No	2.2 Thermal Discharging
UPPO84	168	'484271542_/_471063684_1'		6.67	6.67	6.67	1.47	0.9	6.67	3.01 No	0.9 Element Fault
UPPO84	169	'6622378_/_6622376_1'		10	10	10	2.2	2.6	10	4.52 No	2.2 Thermal Discharging
UPPO84	170	'6466103_/_6466101'		10	10	10	2.2	10	10	4.52 No	2.2 Thermal Discharging
UPPO84	171	'6457106_/_6457103'		3.33	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPPO84	172	'6622362_/_6622467'		10	10	10	2.2	2.6	10	4.52 No	2.2 Thermal Discharging
UPPO84	173	'6458160_/_6464036_1'		3.33	3.33	3.33	0.73	0.3	3.33	1.51 No	0.3 Element Fault
UPPO84	174	'6466344_/_6484428'		10	10	10	2.2	10	10	4.52 No	2.2 Thermal Discharging
UPPO84	175	'6461826_/_6461823'		9.6	10	10	2.2	1.7	10	4.52 No	1.7 Element Fault
UPPO84	176	'6457080_/_6457077'		3.33	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
UPP084	177	'43952885_/6621917'		10	10	10	2.2	10	10	4.52 No	2.2 Thermal Discharging
UPP084	178	'6472752_/6472779'		10	10	10	2.2	10	10	4.52 No	2.2 Thermal Discharging
UPP084	179	'6621070_/6621068_1'		10	10	10	2.2	10	10	4.52 No	2.2 Thermal Discharging
UPP084	180	'6461613_/6464619_2'	3.33	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault	2.2 Thermal Discharging
UPP084	181	'43954509_/6622359'	10	10	10	2.2	2.6	10	10	4.52 No	2.2 Thermal Discharging
UPP084	182	'6466345_/6466342'	10	10	10	2.2	10	10	10	4.52 No	2.2 Thermal Discharging
UPP084	183	'6606988_/6606998_1'	3.33	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault	2.2 Thermal Discharging
UPP084	184	'43925044_/6472813'	10	10	10	2.2	10	10	10	4.52 No	2.2 Thermal Discharging
UPP084	185	'6621071_/6621068_2'	10	10	10	2.2	10	10	10	4.52 No	2.2 Thermal Discharging
UPP084	186	'6620824_/6622342'	10	10	10	2.2	2.6	10	10	4.52 No	2.2 Thermal Discharging
UPP084	187	'6463140_/6463138'	3.33	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault	2.2 Thermal Discharging
UPP084	188	'6472753_/43925035_1'	3.33	3.33	3.33	0.73	0.4	3.33	1.51 No	0.4 Element Fault	2.2 Thermal Discharging
UPP084	189	'6466362_/6466359'	10	10	10	2.2	10	10	10	4.52 No	2.2 Thermal Discharging
UPP084	190	'6463192_/6464721'	3.33	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault	2.2 Thermal Discharging
UPP084	191	'6461845_/6461843'	3.13	3.33	3.33	0.73	0.57	3.33	1.51 No	0.57 Element Fault	2.2 Thermal Discharging
UPP084	192	'6612415_/6621085'	10	10	10	2.2	10	10	10	4.52 No	2.2 Thermal Discharging
UPP084	193	'6466084_/6472796'	10	10	10	2.2	10	10	10	4.52 No	2.2 Thermal Discharging
UPP084	194	'6620807_/6620821'	10	10	10	2.2	2.6	10	10	4.52 No	2.2 Thermal Discharging
UPP084	195	'6621105_/6621102'	10	10	10	2.2	10	10	10	4.52 No	2.2 Thermal Discharging
UPP084	196	'6616562_/6622410_1'	10	10	10	2.2	2.3	10	10	4.52 No	2.2 Thermal Discharging
UPP084	197	'43921368_/6466376'	10	10	10	2.2	10	10	10	4.52 No	2.2 Thermal Discharging
UPP084	198	'6457066_/43921122'	10	10	10	2.2	10	10	10	4.52 No	2.2 Thermal Discharging
UPP084	199	'6620806_/6620804'	10	10	10	2.2	2.6	10	10	4.52 No	2.2 Thermal Discharging
UPP084	200	'43954156_/6622410_2'	10	10	10	2.2	2.3	10	10	4.52 No	2.2 Thermal Discharging
UPP084	201	'6621122_/6621119'	10	10	10	2.2	10	10	10	4.52 No	2.2 Thermal Discharging
UPP084	202	'6457092_/6457090'	3.33	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault	2.2 Thermal Discharging
UPP084	203	'6457530_/43921370'	10	10	10	2.2	10	10	10	4.52 No	2.2 Thermal Discharging
UPP084	204	'6457067_/43921135_1'	3.33	3.33	3.33	0.73	0.4	3.33	1.51 No	0.4 Element Fault	2.2 Thermal Discharging
UPP084	205	'6461640_/6461637'	3.33	3.33	3.33	0.73	0.4	3.33	1.51 No	0.4 Element Fault	2.2 Thermal Discharging
UPP084	206	'6462247_/6462244'	3.33	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault	2.2 Thermal Discharging
UPP084	207	'457546622_/6612394_1'	6.67	6.67	6.67	1.47	1	6.67	3.01 No	1 Element Fault	2.2 Thermal Discharging
UPP084	208	'6621851_/6621849'	10	10	10	2.2	2.6	10	10	4.52 No	2.2 Thermal Discharging
UPP084	209	'6466050_/6466064'	10	10	10	2.2	10	10	10	4.52 No	2.2 Thermal Discharging
UPP084	210	'6624551_/6624548'	10	10	10	2.2	10	10	10	4.52 No	2.2 Thermal Discharging
UPP084	211	'6466413_/6466410'	10	10	10	2.2	10	10	10	4.52 No	2.2 Thermal Discharging
UPP084	212	'6462416_/43924056'	3.33	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault	2.2 Thermal Discharging
UPP084	213	'6457118_/6457116'	3.33	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault	2.2 Thermal Discharging
UPP084	214	'6464039_/6464036_2'	3.33	3.33	3.33	0.73	0.3	3.33	1.51 No	0.3 Element Fault	2.2 Thermal Discharging
UPP084	215	'6463099_/6463109'	3.33	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault	2.2 Thermal Discharging
UPP084	216	'43954420_/43954422'	10	10	10	2.2	2.6	10	10	4.52 No	2.2 Thermal Discharging
UPP084	217	'6606975_/6606985'	3.33	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault	2.2 Thermal Discharging
UPP084	218	'6466033_/6466047'	10	10	10	2.2	10	10	10	4.52 No	2.2 Thermal Discharging
UPP084	219	'43952910_/6624565'	10	10	10	2.2	10	10	10	4.52 No	2.2 Thermal Discharging
UPP084	220	'6458104_/6466427'	10	10	10	2.2	10	10	10	4.52 No	2.2 Thermal Discharging
UPP084	221	'6462536_/6462533'	3.33	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault	2.2 Thermal Discharging
UPP084	222	'6620787_/6622113'	10	10	10	2.2	2.6	10	10	4.52 No	2.2 Thermal Discharging
UPP084	223	'6457345_/43921216'	3.33	3.33	3.33	0.73	0.4	3.33	1.51 No	0.4 Element Fault	2.2 Thermal Discharging
UPP084	224	'6461875_/6461872'	8.3	10	10	2.2	1.7	10	10	4.52 No	1.7 Element Fault
UPP084	225	'6466016_/6466030'	10	10	10	2.2	10	10	10	4.52 No	2.2 Thermal Discharging
UPP084	226	'6466447_/6466444'	10	10	10	2.2	10	10	10	4.52 No	2.2 Thermal Discharging
UPP084	227	'6621139_/43952912'	10	10	10	2.2	10	10	10	4.52 No	2.2 Thermal Discharging
UPP084	228	'6458105_/6458115_1'	3.33	3.33	3.33	0.73	0.4	3.33	1.51 No	0.4 Element Fault	2.2 Thermal Discharging
UPP084	229	'6458173_/6464052_1'	6.67	6.67	6.67	1.47	1	6.67	3.01 No	1 Element Fault	2.2 Thermal Discharging
UPP084	230	'6620770_/6620784'	10	10	10	2.2	2.6	10	10	4.52 No	2.2 Thermal Discharging
UPP084	231	'6456933_/6466013'	10	10	10	2.2	10	10	10	4.52 No	2.2 Thermal Discharging
UPP084	232	'6466464_/6466461'	10	10	10	2.2	10	10	10	4.52 No	2.2 Thermal Discharging
UPP084	233	'6620769_/6620767'	10	10	10	2.2	2.6	10	10	4.52 No	2.2 Thermal Discharging
UPP084	234	'6462325_/6462322'	3.33	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault	2.2 Thermal Discharging
UPP084	235	'43952923_/6621153'	10	10	10	2.2	10	10	10	4.52 No	2.2 Thermal Discharging
UPP084	236	'6458190_/43921135_2'	3.33	3.33	3.33	0.73	0.4	3.33	1.51 No	0.4 Element Fault	2.2 Thermal Discharging
UPP084	237	'6463193_/6463190'	3.33	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault	2.2 Thermal Discharging
UPP084	238	'6465942_/6465993_2'	10	10	10	2.2	10	10	10	4.52 No	2.2 Thermal Discharging
UPP084	239	'43920853_/6465993_1'	10	10	10	2.2	10	10	10	4.52 No	2.2 Thermal Discharging
UPP084	240	'6612514_/7110138'	3.33	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault	2.2 Thermal Discharging
UPP084	241	'6612445_/43952925'	10	10	10	2.2	10	10	10	4.52 No	2.2 Thermal Discharging
UPP084	242	'9349905_/471063684_2'	6.67	6.67	6.67	1.47	0.9	6.67	3.01 No	0.9 Element Fault	2.2 Thermal Discharging
UPP084	243	'483946509_/483946513'	10	10	10	2.2	2.6	10	10	4.52 No	2.2 Thermal Discharging
UPP084	244	'6622604_/6622601_1'	3.33	3.33	3.33	0.73	0.4	3.33	1.51 No	0.4 Element Fault	2.2 Thermal Discharging
UPP084	245	'6456497_/6456520'	3.33	3.33	3.33	0.03	1.5	3.33	1.51 No	0.03 Thermal Discharging	2.2 Thermal Discharging
UPP084	246	'6458207_/6466498'	10	10	10	2.2	10	10	10	4.52 No	2.2 Thermal Discharging
UPP084	247	'6465925_/6465939'	10	10	10	2.2	10	10	10	4.52 No	2.2 Thermal Discharging
UPP084	248	'6612429_/6612427_1'	3.33	3.33	3.33	0.73	0.4	3.33	1.51 No	0.4 Element Fault	2.2 Thermal Discharging
UPP084	249	'6456934_/6456944_1'	3.33	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault	2.2 Thermal Discharging
UPP084	250	'6620840_/6620838'	10	10	10	2.2	2.6	10	10	4.52 No	2.2 Thermal Discharging
UPP084	251	'43923635_/6461611'	3.33	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault	2.2 Thermal Discharging
UPP084	252	'6468695_/6468818'	10	10	10	2.2	10	10	10	4.52 No	2.2 Thermal Discharging
UPP084	253	'43952936_/6621014'	10	10	10	2.2	10	10	10	4.52 No	2.2 Thermal Discharging
UPP084	254	'6465959_/6465956'	10	10	10	2.2	10	10	10	4.52 No	2.2 Thermal Discharging
UPP084	255	'642786304_/572308806_2'	10	10	10	2.2	5.1	10	10	4.52 No	2.2 Thermal Discharging
UPP084	256	'6465908_/6465922_2'	10	10	10	2.2	10	10	10	4.52 No	2.2 Thermal Discharging
UPP084	257	'43920840_/6465922_1'	10	10	10	0.18	10	10	10	5.22 No	0.18 Thermal Discharging
UPP084	258	'6619456_/6622056'	10	10	10	2.2	2.6	10	10	4.52 No	2.2 Thermal Discharging
UPP084	259	'6456826_/6465973'	10	10	10	2.2	10	10	10	4.52 No	2.2 Thermal Discharging
UPP084	260	'43924065_/6462426'	3.33	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault	2.2 Thermal Discharging
UPP084	261	'6606959_/6606972_2'	3.33	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault	2.2 Thermal Discharging
UPP084	262	'6462260_/6462257'	3.33	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault	2.2 Thermal Discharging
UPP084	263	'6463221_/6463219'	3.33	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault	2.2 Thermal Discharging
UPP084	264	'6468696_/6468693'	10	10	10	2.2	10	10	10	4.52 No	2.2 Thermal Discharging
UPP084	265	'6472765_/43925035_2'	3.33	3.33	3.33	0.73	0.4	3.33	1.51 No	0.4 Element Fault	2.2 Thermal Discharging
UPP084	266	'6621034_/6621031'	10	10	10	2.2	10	10	10	4.52 No	2.2 Thermal Discharging
UPP084	267	'6458206_/6471029_2'	3.33	3.33	3.33	0.73	1	3.33	1.51 No	0.73 Thermal Discharging	2.2 Thermal Discharging
UPP084	268	'6612103_/6612117_2'	10	10	10	2.2	4.7	10	10	4.52 No	2.2 Thermal Discharging
UPP084	269	'6463381_/6463378'	3.33	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault	2.2 Thermal Discharging
UPP084	270	'6620753_/6622039'	10	10	10	2.2	2.6	10	10	4.52 No	2.2 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
UPP084	271	'6456827_/_6456824'	3.33	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault	
UPP084	272	'6481479_/_6481476'	10	10	10	2.2	10	10	4.52 No	2.2 Thermal Discharging	
UPP084	273	'6458118_/_6458115_2'	3.33	3.33	3.33	0.73	0.4	3.33	1.51 No	0.4 Element Fault	
UPP084	274	'43952535_/_6606972_1'	3.33	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault	
UPP084	275	'6612530_/_6612527'	3.33	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault	
UPP084	276	'6465888_/_6465905'	10	10	10	0.18	10	10	5.22 No	0.18 Thermal Discharging	
UPP084	277	'6612381_/_6612394_2'	6.67	6.67	6.67	1.47	1	6.67	3.01 No	1 Element Fault	
UPP084	278	'6621051_/_6621048'	10	10	10	2.2	10	10	4.52 No	2.2 Thermal Discharging	
UPP084	279	'43921144_/_6457168'	3.33	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault	
UPP084	280	'6468840_/_6469965'	10	10	10	2.2	10	10	4.52 No	2.2 Thermal Discharging	
UPP084	281	'6463098_/_6463096'	3.33	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault	
UPP084	282	'6612501_/_6612511'	3.33	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault	
UPP084	283	'43954294_/_43954296'	10	10	10	2.2	2.6	10	4.52 No	2.2 Thermal Discharging	
UPP084	284	'6481496_/_6481493'	10	10	10	2.2	10	10	4.52 No	2.2 Thermal Discharging	
UPP084	285	'6622591_/_6622601_2'	3.33	3.33	3.33	0.73	0.4	3.33	1.51 No	0.4 Element Fault	
UPP084	286	'6620567_/_6622190'	10	10	10	2.2	10	10	4.52 No	2.2 Thermal Discharging	
UPP084	287	'6465327_/_6465324'	3.33	3.33	3.33	0.03	1.1	3.33	1.51 No	0.03 Thermal Discharging	
UPP084	288	'6463209_/_6463206'	3.33	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault	
UPP084	289	'6457236_/_6457233'	3.33	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault	
UPP084	290	'4392082_/_6465885'	10	10	10	0.18	10	10	5.22 No	0.18 Thermal Discharging	
UPP084	291	'6456839_/_6456837'	3.33	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault	
UPP084	292	'6457132_/_6457129'	3.33	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault	
UPP084	293	'43924102_/_64622335'	3.33	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault	
UPP084	294	'43923623_/_6464052_2'	6.67	6.67	6.67	1.47	1	6.67	3.01 No	1 Element Fault	
UPP084	295	'6456947_/_6456944_2'	3.33	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault	
UPP084	296	'43922277_/_6468838'	10	10	10	2.2	10	10	4.52 No	2.2 Thermal Discharging	
UPP084	297	'6613551_/_6613565'	10	10	10	2.2	2.6	10	4.52 No	2.2 Thermal Discharging	
UPP084	298	'6620979_/_6622207'	10	10	10	2.2	10	10	4.52 No	2.2 Thermal Discharging	
UPP084	299	'6481513_/_6481510'	10	10	10	2.2	10	10	4.52 No	2.2 Thermal Discharging	
UPP084	300	'6620551_/_6620549_1'	3.33	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault	
UPP084	301	'43921280_/_6457528'	3.33	3.33	3.33	0.73	1.1	3.33	1.51 No	0.73 Thermal Discharging	
UPP084	302	'6457362_/_6457359'	3.33	3.33	3.33	0.73	0.4	3.33	1.51 No	0.4 Element Fault	
UPP084	303	'6461756_/_6461889'	7.3	10	10	2.2	1.7	10	4.52 No	1.7 Element Fault	
UPP084	304	'6612430_/_6612427_2'	3.33	3.33	3.33	0.73	0.4	3.33	1.51 No	0.4 Element Fault	
UPP084	305	'43954142_/_43954144'	10	10	10	2.2	2.3	10	4.52 No	2.2 Thermal Discharging	
UPP084	306	'6613534_/_6613548'	10	10	10	2.2	2.6	10	4.52 No	2.2 Thermal Discharging	
UPP084	307	'6465870_/_6465868'	10	10	10	0.18	10	10	5.22 No	0.18 Thermal Discharging	
UPP084	308	'6481530_/_6481527'	10	10	10	2.2	10	10	4.52 No	2.2 Thermal Discharging	
UPP084	309	'6612120_/_6612117_1'	10	10	10	2.2	1.6	10	4.52 No	1.6 Element Fault	
UPP084	310	'9349923_/_9662780_1'	10	10	10	2.2	1.4	10	4.52 No	1.4 Element Fault	
UPP084	311	'43952732_/_6620977'	10	10	10	2.2	10	10	4.52 No	2.2 Thermal Discharging	
UPP084	312	'6464382_/_6469985'	10	10	10	0.18	10	10	5.22 No	0.18 Thermal Discharging	
UPP084	313	'486719698_/_6457544_1'	3.33	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault	
UPP084	314	'43954281_/_43954283'	10	10	10	2.2	2.6	10	4.52 No	2.2 Thermal Discharging	
UPP084	315	'6481547_/_6481544'	10	10	10	2.2	10	10	4.52 No	2.2 Thermal Discharging	
UPP084	316	'6464367_/_6464364_1'	3.33	3.33	3.33	0.06	0.3	3.33	1.74 No	0.06 Thermal Discharging	
UPP084	317	'6465834_/_6465848'	10	10	10	0.18	10	10	5.22 No	0.18 Thermal Discharging	
UPP084	318	'9662783_/_9662780_2'	10	10	10	2.2	1.4	10	4.52 No	1.4 Element Fault	
UPP084	319	'6480326_/_6481561'	10	10	10	2.2	10	10	4.52 No	2.2 Thermal Discharging	
UPP084	320	'43923681_/_6464734'	3.33	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault	
UPP084	321	'43923692_/_6463365'	3.33	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault	
UPP084	322	'6611452_/_6611392'	10	10	10	2.2	2.6	10	4.52 No	2.2 Thermal Discharging	
UPP084	323	'6481581_/_6481578'	10	10	10	2.2	10	10	4.52 No	2.2 Thermal Discharging	
UPP084	324	'43924172_/_6463391'	3.33	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault	
UPP084	325	'6480309_/_6480323'	3.33	3.33	3.33	0.73	1.5	3.33	1.51 No	0.73 Thermal Discharging	
UPP084	326	'6612182_/_6612540'	3.33	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault	
UPP084	327	'6456852_/_6456850'	3.33	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault	
UPP084	328	'6612266_/_6612379'	6.67	6.67	6.67	1.47	1	6.67	3.01 No	1 Element Fault	
UPP084	329	'43924070_/_43924067'	3.33	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault	
UPP084	330	'6465817_/_6465831'	10	10	10	0.18	10	10	5.22 No	0.18 Thermal Discharging	
UPP084	331	'43921357_/_6458131'	3.33	3.33	3.33	0.73	0.4	3.33	1.51 No	0.4 Element Fault	
UPP084	332	'6613516_/_6613514'	10	10	10	2.2	2.6	10	4.52 No	2.2 Thermal Discharging	
UPP084	333	'43954224_/_43954226'	3.33	3.33	3.33	0.73	0.87	3.33	1.51 No	0.73 Thermal Discharging	
UPP084	334	'6465800_/_6465814'	10	10	10	0.18	10	10	5.22 No	0.18 Thermal Discharging	
UPP084	335	'6456484_/_6456494'	3.33	3.33	3.33	0.03	1	3.33	1.51 No	0.03 Thermal Discharging	
UPP084	336	'43920877_/_6481595'	10	10	10	2.2	10	10	4.52 No	2.2 Thermal Discharging	
UPP084	337	'6621885_/_6621883'	10	10	10	2.2	2.6	10	4.52 No	2.2 Thermal Discharging	
UPP084	338	'6462273_/_6462270'	3.33	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault	
UPP084	339	'6461627_/_43923637'	3.33	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault	
UPP084	340	'6465780_/_6465797'	10	10	10	0.18	10	10	5.22 No	0.18 Thermal Discharging	
UPP084	341	'6481615_/_43920879'	10	10	10	2.2	10	10	4.52 No	2.2 Thermal Discharging	
UPP084	342	'6471031_/_6471029_1'	3.33	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault	
UPP084	343	'6457145_/_6457142'	3.33	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault	
UPP084	344	'6619478_/_6619475_2'	3.33	3.33	3.33	0.73	0.87	3.33	1.51 No	0.73 Thermal Discharging	
UPP084	345	'43954444_/_6620549_2'	3.33	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault	
UPP084	346	'6481770_/_6481768'	10	10	10	2.2	10	10	4.52 No	2.2 Thermal Discharging	
UPP084	347	'6481632_/_6481629'	10	10	10	2.2	10	10	4.52 No	2.2 Thermal Discharging	
UPP084	348	'43954235_/_6621968'	10	10	10	2.2	2.6	10	4.52 No	2.2 Thermal Discharging	
UPP084	349	'91317658_/_91612533_2'	3.33	3.33	3.33	0.06	1.4	3.33	1.74 No	0.06 Thermal Discharging	
UPP084	350	'6462034_/_6462031'	6.67	6.67	6.67	1.47	1	6.67	3.01 No	1 Element Fault	
UPP084	351	'6462351_/_43924104'	3.33	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault	
UPP084	352	'6456661_/_6465777'	10	10	10	0.18	10	10	5.22 No	0.18 Thermal Discharging	
UPP084	353	'43921098_/_6456957'	3.33	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault	
UPP084	354	'43953018_/_6612498'	3.33	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault	
UPP084	355	'43921269_/_6457544_2'	3.33	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault	
UPP084	356	'43952443_/_6619454'	6.67	6.67	6.67	1.47	1.73	6.67	3.01 No	1.47 Thermal Discharging	
UPP084	357	'6606958_/_6606956'	3.33	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault	
UPP084	358	'43922167_/_6464070'	3.33	3.33	3.33	0.73	1.1	3.33	1.51 No	0.73 Thermal Discharging	
UPP084	359	'6621953_/_6621951'	10	10	10	2.2	2.6	10	4.52 No	2.2 Thermal Discharging	
UPP084	360	'6616655_/_6616669'	10	10	10	2.2	2.3	10	4.52 No	2.2 Thermal Discharging	
UPP084	361	'6457375_/_6457372'	3.33	3.33	3.33	0.73	0.4	3.33	1.51 No	0.4 Element Fault	
UPP084	362	'6480464_/_6481916'	10	10	10	2.2	10	10	4.52 No	2.2 Thermal Discharging	
UPP084	363	'6465746_/_6465760'	10	10	10	0.18	10	10	5.22 No	0.18 Thermal Discharging	
UPP084	364	'43921155_/_6457249'	3.33	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault	

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Over-Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
UPPO84	365	'6622024_/_6622022'		10	10	10	2.2	2.6	10	4.52 No	2.2 Thermal Discharging
UPPO84	366	'6456755_/_6456743'		10	10	10	0.18	10	10	5.22 No	0.18 Thermal Discharging
UPPO84	367	'6481648_/_6481950'		10	10	10	2.2	10	10	4.52 No	2.2 Thermal Discharging
UPPO84	368	'6456756_/_6456740_3'		6.67	6.67	6.67	0.12	5	6.67	3.48 No	0.12 Thermal Discharging
UPPO84	369	'6611724_/_6611722_1'		6.67	6.67	6.67	1.47	0.9	6.67	3.01 No	0.9 Element Fault
UPPO84	370	'9658077_/_572308806_1'		10	10	10	2.2	1.4	10	4.52 No	1.4 Element Fault
UPPO84	371	'6462286_/_6462283'		3.33	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPPO84	372	'6460428_/_6460426_1'		3.33	3.33	3.33	0.04	1.1	3.33	1.51 No	0.04 Thermal Discharging
UPPO84	373	'6456662_/_6456659_1'		3.33	3.33	3.33	0.06	0.3	3.33	1.74 No	0.06 Thermal Discharging
UPPO84	374	'6456743_/_6456740_2'		6.67	6.67	6.67	0.12	0.6	6.67	3.48 No	0.12 Thermal Discharging
UPPO84	375	'6464354_/_6464364_2'		3.33	3.33	3.33	0.06	0.3	3.33	1.74 No	0.06 Thermal Discharging
UPPO84	376	'6465689_/_6465703'		10	10	10	0.18	10	10	5.22 No	0.18 Thermal Discharging
UPPO84	377	'6620685_/_6622147'		10	10	10	2.2	2.6	10	4.52 No	2.2 Thermal Discharging
UPPO84	378	'6457184_/_6457181'		3.33	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPPO84	379	'6481649_/_6481646'		10	10	10	2.2	10	10	4.52 No	2.2 Thermal Discharging
UPPO84	380	'43954533_/_43954535'		3.33	3.33	3.33	0.73	0.4	3.33	1.51 No	0.4 Element Fault
UPPO84	381	'43952395_/_6611450'		10	10	10	2.2	2.6	10	4.52 No	2.2 Thermal Discharging
UPPO84	382	'6458134_/_43921359'		3.33	3.33	3.33	0.73	0.4	3.33	1.51 No	0.4 Element Fault
UPPO84	383	'6465672_/_6465686'		10	10	10	0.18	10	10	5.22 No	0.18 Thermal Discharging
UPPO84	384	'6621869_/_6622167'		10	10	10	2.2	2.6	10	4.52 No	2.2 Thermal Discharging
UPPO84	385	'43952745_/_6612134'		10	10	10	2.2	1.6	10	4.52 No	1.6 Element Fault
UPPO84	386	'69185241_/_6456740_1'		6.67	6.67	6.67	0.12	0.6	6.67	3.48 No	0.12 Thermal Discharging
UPPO84	387	'6471353_/_6471350'		6.4	10	10	2.2	1.7	10	4.52 No	1.7 Element Fault
UPPO84	388	'43953029_/_43953031'		3.33	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPPO84	389	'6611453_/_6611467_1'		10	10	10	2.2	1.6	10	4.52 No	1.6 Element Fault
UPPO84	390	'451914370_/_440659828_1'		6.4	10	10	2.2	0.9	10	4.52 No	0.9 Element Fault
UPPO84	391	'6465655_/_6465669'		10	10	10	0.18	10	10	5.22 No	0.18 Thermal Discharging
UPPO84	392	'43952371_/_6621866'		10	10	10	2.2	2.6	10	4.52 No	2.2 Thermal Discharging
UPPO84	393	'43921053_/_6480307'		3.33	3.33	3.33	0.73	0.4	3.33	1.51 No	0.4 Element Fault
UPPO84	394	'43921418_/_6483717'		10	10	10	2.2	10	10	4.52 No	2.2 Thermal Discharging
UPPO84	395	'43923657_/_43923659'		2.13	3.33	3.33	0.73	0.57	3.33	1.51 No	0.57 Element Fault
UPPO84	396	'6612137_/_9349816_2'		10	10	10	2.2	1.6	10	4.52 No	1.6 Element Fault
UPPO84	397	'6620672_/_6620669_2'		3.33	3.33	3.33	0.73	0.87	3.33	1.51 No	0.73 Thermal Discharging
UPPO84	398	'6612458_/_6612469'		3.33	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPPO84	399	'43921324_/_6480462'		3.33	3.33	3.33	0.73	1.5	3.33	1.51 No	0.73 Thermal Discharging
UPPO84	400	'6463407_/_6463404'		3.2	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPPO84	401	'6465638_/_6465652'		10	10	10	0.18	10	10	5.22 No	0.18 Thermal Discharging
UPPO84	402	'6613483_/_6613497'		10	10	10	2.2	2.6	10	4.52 No	2.2 Thermal Discharging
UPPO84	403	'6455882_/_6456727'		6.67	6.67	6.67	0.12	0.6	6.67	3.48 No	0.12 Thermal Discharging
UPPO84	404	'43924113_/_6462361'		3.33	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPPO84	405	'6612267_/_6612264'		6.67	6.67	6.67	1.47	1	6.67	3.01 No	1 Element Fault
UPPO84	406	'6457958_/_6457956_1'		3.33	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPPO84	407	'6462052_/_6462049'		6.67	6.67	6.67	1.47	1	6.67	3.01 No	1 Element Fault
UPPO84	408	'6612584_/_7110151'		3.33	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPPO84	409	'6616826_/_6619475_1'		3.33	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPPO84	410	'6465621_/_6465635'		10	10	10	0.18	10	10	5.22 No	0.18 Thermal Discharging
UPPO84	411	'6457560_/_6457557'		3.33	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPPO84	412	'43921109_/_6457051'		3.33	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPPO84	413	'6463235_/_6463352'		3.33	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPPO84	414	'6613449_/_6613480'		10	10	10	2.2	2.6	10	4.52 No	2.2 Thermal Discharging
UPPO84	415	'6456677_/_6456659_2'		3.33	3.33	3.33	0.06	0.3	3.33	1.74 No	0.06 Thermal Discharging
UPPO84	416	'6611470_/_6611467_2'		10	10	10	2.2	1.6	10	4.52 No	1.6 Element Fault
UPPO84	417	'6612614_/_7110276'		3.33	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPPO84	418	'6465620_/_6465618'		10	10	10	0.18	10	10	5.22 No	0.18 Thermal Discharging
UPPO84	419	'440659809_/_440659828_2'		6.2	10	10	2.2	0.9	10	4.52 No	0.9 Element Fault
UPPO84	420	'6457158_/_6457155'		3.33	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPPO84	421	'6620581_/_6620578'		3.33	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPPO84	422	'43952358_/_6613446'		10	10	10	2.2	2.6	10	4.52 No	2.2 Thermal Discharging
UPPO84	423	'6456704_/_6456714'		6.67	6.67	6.67	0.12	0.6	6.67	3.48 No	0.12 Thermal Discharging
UPPO84	424	'6616638_/_6616652'		10	10	10	2.2	2.3	10	4.52 No	2.2 Thermal Discharging
UPPO84	425	'6456865_/_6456863'		3.33	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPPO84	426	'43920670_/_6456481'		3.33	3.33	3.33	0.03	1	3.33	1.51 No	0.03 Thermal Discharging
UPPO84	427	'6462299_/_6462296'		3.33	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPPO84	428	'6612183_/_6612180'		3.33	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPPO84	429	'6613378_/_7110318'		10	10	10	0.18	10	10	5.22 No	0.18 Thermal Discharging
UPPO84	430	'6457959_/_6457956_2'		3.33	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPPO84	431	'6456646_/_6464351'		3.33	3.33	3.33	0.06	0.3	3.33	1.74 No	0.06 Thermal Discharging
UPPO84	432	'6456973_/_43921100'		3.33	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPPO84	433	'6613415_/_6613429'		10	10	10	2.2	2.6	10	4.52 No	2.2 Thermal Discharging
UPPO84	434	'43954477_/_6623682'		3.33	3.33	3.33	0.73	0.87	3.33	1.51 No	0.73 Thermal Discharging
UPPO84	435	'6456691_/_6456701'		6.67	6.67	6.67	0.12	0.6	6.67	3.48 No	0.12 Thermal Discharging
UPPO84	436	'6484691_/_6484689'		3.33	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPPO84	437	'6471109_/_6471162'		3.33	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPPO84	438	'6613361_/_6613375'		10	10	10	0.18	10	10	5.22 No	0.18 Thermal Discharging
UPPO84	439	'6613414_/_6613412'		10	10	10	2.2	2.6	10	4.52 No	2.2 Thermal Discharging
UPPO84	440	'7887799_/_9349816_1'		10	10	10	2.2	1.1	10	4.52 No	1.1 Element Fault
UPPO84	441	'43952898_/_6612279'		6.67	6.67	6.67	1.47	1	6.67	3.01 No	1 Element Fault
UPPO84	442	'6457265_/_43921157'		3.33	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPPO84	443	'6470413_/_6470410'		3.03	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPPO84	444	'6613344_/_6613358'		10	10	10	0.18	10	10	5.22 No	0.18 Thermal Discharging
UPPO84	445	'6457197_/_6457194'		3.33	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPPO84	446	'6455881_/_6455879'		3.33	3.33	3.33	0.06	0.3	3.33	1.74 No	0.06 Thermal Discharging
UPPO84	447	'6457388_/_6457385'		3.33	3.33	3.33	0.73	0.4	3.33	1.51 No	0.4 Element Fault
UPPO84	448	'6456118_/_7110024'		3.33	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPPO84	449	'43922178_/_6460426_2'		3.33	3.33	3.33	0.04	1.1	3.33	1.51 No	0.04 Thermal Discharging
UPPO84	450	'6457855_/_6457852'		3.33	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPPO84	451	'9030426_/_9030423'		3.33	3.33	3.33	0.73	0.3	3.33	1.51 No	0.3 Element Fault
UPPO84	452	'43952312_/_43952314'		10	10	10	0.18	10	10	5.22 No	0.18 Thermal Discharging
UPPO84	453	'6620671_/_6620669_1'		3.33	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPPO84	454	'43952455_/_6611722_2'		6.67	6.67	6.67	1.47	0.9	6.67	3.01 No	0.9 Element Fault
UPPO84	455	'6480310_/_43921055'		3.33	3.33	3.33	0.73	0.4	3.33	1.51 No	0.4 Element Fault
UPPO84	456	'6456552_/_6456688'		6.67	6.67	6.67	0.12	0.6	6.67	3.48 No	0.12 Thermal Discharging
UPPO84	457	'43953006_/_43953008'		3.17	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPPO84	458	'6613326_/_6613324'		10	10	10	0.18	10	10	5.22 No	0.18 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
UPP084	459	'43924118_/_43924115'	3.33	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5	Element Fault
UPP084	460	'43920805_/_6470384'	3.33	3.33	3.33	0.06	0.3	3.33	1.74 No	0.06	Thermal Discharging
UPP084	461	'66925440_/_6471973_1'	5.8	10	10	2.2	1.7	10	4.52 No	1.7	Element Fault
UPP084	462	'6616621_/_6616635'	9.4	10	10	2.2	2.3	10	4.52 No	2.2	Thermal Discharging
UPP084	463	'6457281_/_6457278'	3.33	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5	Element Fault
UPP084	464	'6612598_/_6612611'	3.33	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5	Element Fault
UPP084	465	'6455911_/_6456782'	3.33	3.33	3.33	0.06	0.3	3.33	1.74 No	0.06	Thermal Discharging
UPP084	466	'45390542_/_6612553'	3.33	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5	Element Fault
UPP084	467	'6622257_/_6622271'	10	10	10	0.18	10	10	5.22 No	0.18	Thermal Discharging
UPP084	468	'9030441_/_9030439'	3.33	3.33	3.33	0.73	0.3	3.33	1.51 No	0.3	Element Fault
UPP084	469	'6622590_/_6622588'	3.33	3.33	3.33	0.73	0.4	3.33	1.51 No	0.4	Element Fault
UPP084	470	'6457972_/_6457969'	3.33	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5	Element Fault
UPP084	471	'6463234_/_6463232'	3.33	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5	Element Fault
UPP084	472	'6483680_/_6483677'	10	10	10	2.2	3.7	10	4.52 No	2.2	Thermal Discharging
UPP084	473	'6457573_/_6457570'	3.33	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5	Element Fault
UPP084	474	'6463248_/_6463245'	3.33	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5	Element Fault
UPP084	475	'43952299_/_6622254'	10	10	10	0.18	10	10	5.22 No	0.18	Thermal Discharging
UPP084	476	'6612225_/_6612222'	3.17	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5	Element Fault
UPP084	477	'6479972_/_6479982'	3.33	3.33	3.33	0.06	0.3	3.33	1.74 No	0.06	Thermal Discharging
UPP084	478	'6612585_/_6612582'	3.33	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5	Element Fault
UPP084	479	'6463420_/_6463417'	2.77	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5	Element Fault
UPP084	480	'43924161_/_6462309'	3.33	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5	Element Fault
UPP084	481	'6623685_/_43954479'	3.33	3.33	3.33	0.73	0.87	3.33	1.51 No	0.73	Thermal Discharging
UPP084	482	'6613287_/_6622237'	10	10	10	0.18	10	10	5.22 No	0.18	Thermal Discharging
UPP084	483	'6456814_/_6484715'	3.33	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5	Element Fault
UPP084	484	'6464411_/_415010639'	3.33	3.33	3.33	0.06	0.3	3.33	1.74 No	0.06	Thermal Discharging
UPP084	485	'6457054_/_43921111'	3.33	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5	Element Fault
UPP084	486	'43921087_/_6456983'	3.33	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5	Element Fault
UPP084	487	'6612459_/_6612456'	3.07	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5	Element Fault
UPP084	488	'45090794_/_6461740'	1.9	3.33	3.33	0.73	0.57	3.33	1.51 No	0.57	Element Fault
UPP084	489	'6620405_/_6620591'	3.33	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5	Element Fault
UPP084	490	'43952288_/_6613304'	10	10	10	0.18	10	10	5.22 No	0.18	Thermal Discharging
UPP084	491	'6479959_/_6479969'	3.33	3.33	3.33	0.06	0.3	3.33	1.74 No	0.06	Thermal Discharging
UPP084	492	'6456105_/_6456115'	3.33	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5	Element Fault
UPP084	493	'43923879_/_6462064'	6.67	6.67	6.67	1.47	1	6.67	3.01 No	1	Element Fault
UPP084	494	'43924976_/_6472436'	3.33	3.33	3.33	0.06	0.3	3.33	1.74 No	0.06	Thermal Discharging
UPP084	495	'6612597_/_6612595'	3.33	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5	Element Fault
UPP084	496	'66925605_/_6611188_2'	3.33	3.33	3.33	0.06	1.5	3.33	1.74 No	0.06	Thermal Discharging
UPP084	497	'6611015_/_6613284'	10	10	10	0.18	10	10	5.22 No	0.18	Thermal Discharging
UPP084	498	'6612159_/_7887797_1'	10	10	10	2.2	0.7	10	4.52 No	0.7	Element Fault
UPP084	499	'43921225_/_6457398'	3.33	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5	Element Fault
UPP084	500	'6616519_/_6616618'	8.6	10	10	2.2	2.3	10	4.52 No	2.2	Thermal Discharging
UPP084	501	'6472110_/_6472107'	5.5	10	10	2.2	1.7	10	4.52 No	1.7	Element Fault
UPP084	502	'6616774_/_6616823'	3.33	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5	Element Fault
UPP084	503	'6456551_/_6456549'	3.33	3.33	3.33	0.06	0.3	3.33	1.74 No	0.06	Thermal Discharging
UPP084	504	'43952758_/_7887797_2'	10	10	10	2.2	0.7	10	4.52 No	0.7	Element Fault
UPP084	505	'6612297_/_43952900'	6.67	6.67	6.67	1.47	1	6.67	3.01 No	1	Element Fault
UPP084	506	'8086078_/_8086075_2'	5.5	10	10	2.2	1.7	10	4.52 No	1.7	Element Fault
UPP084	507	'6456371_/_6456442'	3.33	3.33	3.33	0.03	1	3.33	1.51 No	0.03	Thermal Discharging
UPP084	508	'6481861_/_6483694'	10	10	10	2.2	3.7	10	4.52 No	2.2	Thermal Discharging
UPP084	509	'6612196_/_6612193'	2.97	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5	Element Fault
UPP084	510	'6457702_/_6457865'	3.33	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5	Element Fault
UPP084	511	'6616520_/_6616517'	8.4	10	10	2.2	2.3	10	4.52 No	2.2	Thermal Discharging
UPP084	512	'6611743_/_6611740'	6.67	6.67	6.67	1.47	0.9	6.67	3.01 No	0.9	Element Fault
UPP084	513	'6460442_/_6460439'	3.33	3.33	3.33	0.04	1.1	3.33	1.51 No	0.04	Thermal Discharging
UPP084	514	'43920810_/_43920807'	3.33	3.33	3.33	0.06	0.3	3.33	1.74 No	0.06	Thermal Discharging
UPP084	515	'43921166_/_6457291'	3.33	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5	Element Fault
UPP084	516	'6479501_/_6480475'	3.33	3.33	3.33	0.06	0.3	3.33	1.74 No	0.06	Thermal Discharging
UPP084	517	'6466847_/_6481859'	10	10	10	2.2	3.7	10	4.52 No	2.2	Thermal Discharging
UPP084	518	'6479489_/_6479956'	3.33	3.33	3.33	0.06	0.3	3.33	1.74 No	0.06	Thermal Discharging
UPP084	519	'6616537_/_6616547_1'	2.8	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5	Element Fault
UPP084	520	'9030410_/_91612533_1'	3.33	3.33	3.33	0.06	0.3	3.33	1.74 No	0.06	Thermal Discharging
UPP084	521	'6611014_/_6611012'	10	10	10	0.18	4.6	10	5.22 No	0.18	Thermal Discharging
UPP084	522	'6612238_/_6612235'	2.93	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5	Element Fault
UPP084	523	'6611099_/_6611484'	10	10	10	2.2	1.6	10	4.52 No	1.6	Element Fault
UPP084	524	'6466848_/_6466845'	10	10	10	2.2	3.7	10	4.52 No	2.2	Thermal Discharging
UPP084	525	'6457210_/_6457207'	3.33	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5	Element Fault
UPP084	526	'6611175_/_6611188_1'	3.33	3.33	3.33	0.06	0.3	3.33	1.74 No	0.06	Thermal Discharging
UPP084	527	'43921843_/_6471107'	3.33	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5	Element Fault
UPP084	528	'6470426_/_6470423'	2.57	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5	Element Fault
UPP084	529	'66925600_/_6611096_2'	6.67	6.67	6.67	1.47	1.07	6.67	3.01 No	1.07	Element Fault
UPP084	530	'6455897_/_6455908'	3.33	3.33	3.33	0.06	0.3	3.33	1.74 No	0.06	Thermal Discharging
UPP084	531	'6466865_/_6466862'	10	10	10	2.2	3.7	10	4.52 No	2.2	Thermal Discharging
UPP084	532	'43920637_/_6456102'	3.33	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5	Element Fault
UPP084	533	'6457586_/_6457583'	3.33	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5	Element Fault
UPP084	534	'6466882_/_6466879'	10	10	10	2.2	3.7	10	4.52 No	2.2	Thermal Discharging
UPP084	535	'6607925_/_6612309'	6.2	6.67	6.67	1.47	1	6.67	3.01 No	1	Element Fault
UPP084	536	'6471976_/_6471973_2'	5.3	10	10	2.2	1.7	10	4.52 No	1.7	Element Fault
UPP084	537	'6457703_/_6457700'	3.33	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5	Element Fault
UPP084	538	'7765083_/_7765081_1'	5.3	10	10	2.2	0.9	10	4.52 No	0.9	Element Fault
UPP084	539	'6466899_/_6466896'	10	10	10	2.2	3.7	10	4.52 No	2.2	Thermal Discharging
UPP084	540	'43954191_/_43954193'	3.33	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5	Element Fault
UPP084	541	'6462312_/_43924163'	3	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5	Element Fault
UPP084	542	'6616787_/_6616784'	3.33	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5	Element Fault
UPP084	543	'43924715_/_6470491'	10	10	10	2.2	3.7	10	4.52 No	2.2	Thermal Discharging
UPP084	544	'6611120_/_6611117'	3.33	3.33	3.33	0.73	0.53	3.33	1.51 No	0.53	Element Fault
UPP084	545	'6611084_/_6611096_1'	6.67	6.67	6.67	1.47	0.6	6.67	3.01 No	0.6	Element Fault
UPP084	546	'43953051_/_6614087'	3.1	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5	Element Fault
UPP084	547	'6463274_/_6463258'	3.1	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5	Element Fault
UPP084	548	'6456999_/_43921089'	3.33	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5	Element Fault
UPP084	549	'6466915_/_43924717'	10	10	10	2.2	3.7	10	4.52 No	2.2	Thermal Discharging
UPP084	550	'6456801_/_6456811'	3.33	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5	Element Fault
UPP084	551	'6456633_/_6456643'	3.33	3.33	3.33	0.06	0.3	3.33	1.74 No	0.06	Thermal Discharging
UPP084	552	'43924183_/_6464473'	2.47	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5	Element Fault

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
UPP084	553	'6612330_/_6612340_1'		1.8	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPP084	554	'8400939_/_9658436_2'		10	10	10	2.2	3.7	10	4.52 No	2.2 Thermal Discharging
UPP084	555	'6470480_/_6470478'		3.33	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPP084	556	'6457294_/_43921168'		3.33	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPP084	557	'6456358_/_6456368'		3.07	3.33	3.33	0.03	1	3.33	1.51 No	0.03 Thermal Discharging
UPP084	558	'6612487_/_6612485'		2.67	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPP084	559	'6616506_/_6616547_2'		2.87	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPP084	560	'6466916_/_6466913'		10	10	10	2.2	3.7	10	4.52 No	2.2 Thermal Discharging
UPP084	561	'6457414_/_6457411'		3.33	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPP084	562	'6456387_/_6456384'		3.07	3.33	3.33	0.03	1	3.33	1.51 No	0.03 Thermal Discharging
UPP084	563	'6457881_/_6457878'		3.33	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPP084	564	'6616581_/_6616598'		7.5	10	10	2.2	2.3	10	4.52 No	2.2 Thermal Discharging
UPP084	565	'6457747_/_6457745'		3.33	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPP084	566	'43952241_/_43952243'		10	10	10	0.18	4.6	10	5.22 No	0.18 Thermal Discharging
UPP084	567	'6622551_/_6622575'		3.33	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPP084	568	'6466933_/_6466930'		10	10	10	2.2	3.7	10	4.52 No	2.2 Thermal Discharging
UPP084	569	'6479476_/_6479486'		3.33	3.33	3.33	0.06	0.3	3.33	1.74 No	0.06 Thermal Discharging
UPP084	570	'43924981_/_43924978'		3.33	3.33	3.33	0.06	0.3	3.33	1.74 No	0.06 Thermal Discharging
UPP084	571	'6456565_/_6456562'		3.33	3.33	3.33	0.06	0.3	3.33	1.74 No	0.06 Thermal Discharging
UPP084	572	'6479943_/_6479940'		3.33	3.33	3.33	0.06	0.3	3.33	1.74 No	0.06 Thermal Discharging
UPP084	573	'6611174_/_6611172'		3.33	3.33	3.33	0.06	0.3	3.33	1.74 No	0.06 Thermal Discharging
UPP084	574	'6466950_/_6466947'		10	10	10	2.2	3.7	10	4.52 No	2.2 Thermal Discharging
UPP084	575	'43954455_/_6620403'		3.33	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPP084	576	'6611764_/_6611761'		6.67	6.67	6.67	1.47	0.9	6.67	3.01 No	0.9 Element Fault
UPP084	577	'43924275_/_43924277'		2.87	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPP084	578	'43952771_/_6612209'		2.6	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPP084	579	'6616224_/_6616205'		2.63	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPP084	580	'43921727_/_6466964'		10	10	10	2.2	3.7	10	4.52 No	2.2 Thermal Discharging
UPP084	581	'6461655_/_6470465'		2.33	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPP084	582	'6616800_/_6616797'		3.33	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPP084	583	'6479502_/_6479499'		3.33	3.33	3.33	0.06	0.3	3.33	1.74 No	0.06 Thermal Discharging
UPP084	584	'6619809_/_6622549'		3.33	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPP084	585	'6457599_/_6457596'		3.33	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPP084	586	'43954270_/_43954272'		3.33	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPP084	587	'43922189_/_6460452'		3.2	3.33	3.33	0.04	1.1	3.33	1.51 No	0.04 Thermal Discharging
UPP084	588	'6458846_/_43921729'		10	10	10	2.2	3.7	10	4.52 No	2.2 Thermal Discharging
UPP084	589	'6457223_/_6457220'		3.3	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPP084	590	'6471123_/_6471120'		3.33	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPP084	591	'6457732_/_6470358'		3.33	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPP084	592	'6471569_/_43923881'		5.33	6.67	6.67	1.47	1	6.67	3.01 No	1 Element Fault
UPP084	593	'6616580_/_6616578'		7.1	10	10	2.2	2.3	10	4.52 No	2.2 Thermal Discharging
UPP084	594	'6456345_/_6456355'		2.83	3.33	3.33	0.03	1	3.33	1.51 No	0.03 Thermal Discharging
UPP084	595	'43952982_/_6607923'		5.27	6.67	6.67	1.47	1	6.67	3.01 No	1 Element Fault
UPP084	596	'6611507_/_6611504'		10	10	10	2.2	1.6	10	4.52 No	1.6 Element Fault
UPP084	597	'6612626_/_6614074'		2.8	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPP084	598	'43954131_/_6616504'		2.93	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPP084	599	'6455898_/_6455895'		3.33	3.33	3.33	0.06	0.3	3.33	1.74 No	0.06 Thermal Discharging
UPP084	600	'43921753_/_43921755'		10	10	10	2.2	3.7	10	4.52 No	2.2 Thermal Discharging
UPP084	601	'6619948_/_6620111'		10	10	10	0.18	4.6	10	5.22 No	0.18 Thermal Discharging
UPP084	602	'43952265_/_43952267'		6.67	6.67	6.67	1.47	0.6	6.67	3.01 No	0.6 Element Fault
UPP084	603	'6616748_/_6616758'		3.33	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPP084	604	'6614561_/_6614571'		2.63	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPP084	605	'6457012_/_6457009'		3.33	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPP084	606	'6481842_/_6481879'		10	10	10	2.2	3.7	10	4.52 No	2.2 Thermal Discharging
UPP084	607	'6463287_/_6463284'		2.73	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPP084	608	'6619970_/_6619980_1'		3.33	3.33	3.33	0.06	0.3	3.33	1.74 No	0.06 Thermal Discharging
UPP084	609	'6612160_/_43952760'		8.4	10	10	2.2	0.7	10	4.52 No	0.7 Element Fault
UPP084	610	'418243238_/_6619946_1'		10	10	10	0.18	1.5	10	5.22 No	0.18 Thermal Discharging
UPP084	611	'6458847_/_6470907_1'		3.33	3.33	3.33	0.73	0.4	3.33	1.51 No	0.4 Element Fault
UPP084	612	'6607926_/_6612067_1'		5.13	6.67	6.67	1.47	1	6.67	3.01 No	1 Element Fault
UPP084	613	'43924704_/_6470436'		2.23	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPP084	614	'6470528_/_6470525'		3.33	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPP084	615	'6457731_/_6457729'		3.33	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPP084	616	'6481052_/_6481839'		10	10	10	2.2	3.7	10	4.52 No	2.2 Thermal Discharging
UPP084	617	'6456578_/_6456575'		3.33	3.33	3.33	0.06	0.3	3.33	1.74 No	0.06 Thermal Discharging
UPP084	618	'6619810_/_6619807'		3.33	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPP084	619	'6456400_/_6456397'		2.73	3.33	3.33	0.03	1	3.33	1.51 No	0.03 Thermal Discharging
UPP084	620	'6464476_/_43924185'		2.27	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPP084	621	'6481804_/_6481802'		10	10	10	2.2	3.7	10	4.52 No	2.2 Thermal Discharging
UPP084	622	'8086077_/_8086075_1'		4.8	10	10	2.2	1.1	10	4.52 No	1.1 Element Fault
UPP084	623	'6457716_/_6457713'		3.33	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPP084	624	'6456079_/_6456089'		3.2	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPP084	625	'6457894_/_6457891'		3.33	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPP084	626	'6456332_/_6456342'		2.7	3.33	3.33	0.03	1	3.33	1.51 No	0.03 Thermal Discharging
UPP084	627	'6612627_/_6612624'		2.67	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPP084	628	'43921592_/_43921594'		10	10	10	2.2	3.7	10	4.52 No	2.2 Thermal Discharging
UPP084	629	'6612250_/_6616234'		2.47	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPP084	630	'6616349_/_6622533'		3.33	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPP084	631	'43920866_/_6456798'		2.97	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPP084	632	'6623251_/_6623265'		6.7	10	10	2.2	2.3	10	4.52 No	2.2 Thermal Discharging
UPP084	633	'6481036_/_43921581_2'		10	10	10	2.2	3.3	10	4.52 No	2.2 Thermal Discharging
UPP084	634	'43921740_/_6468795'		3.33	3.33	3.33	0.73	1.1	3.33	1.51 No	0.73 Thermal Discharging
UPP084	635	'49249940_/_6623299_1'		6.6	10	10	2.2	1.4	10	4.52 No	1.4 Element Fault
UPP084	636	'6461656_/_6461653'		2.13	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPP084	637	'6611782_/_6611779'		6.67	6.67	6.67	1.47	0.9	6.67	3.01 No	0.9 Element Fault
UPP084	638	'6457427_/_6457424'		2.93	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPP084	639	'43920524_/_43920526'		3.33	3.33	3.33	0.06	0.3	3.33	1.74 No	0.06 Thermal Discharging
UPP084	640	'6457612_/_6457609'		3.33	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPP084	641	'6470374_/_6470371'		3.33	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPP084	642	'6484730_/_6484728_1'		2.13	3.33	3.33	0.73	0.3	3.33	1.51 No	0.3 Element Fault
UPP084	643	'6471678_/_6471886'		4.73	6.67	6.67	1.47	1	6.67	3.01 No	1 Element Fault
UPP084	644	'43952432_/_6616810'		3.33	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPP084	645	'6456632_/_43920818'		3.33	3.33	3.33	0.06	0.3	3.33	1.74 No	0.06 Thermal Discharging
UPP084	646	'6456078_/_6456076'		3	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
UPP084	647	'6620080_/_6620094'			10	10	0.18	4.5	10	5.22 No	0.18 Thermal Discharging
UPP084	648	'6468798_/_6470920_1'		3.33	3.33	3.33	0.05	1.1	3.33	1.51 No	0.05 Thermal Discharging
UPP084	649	'7765084_/_7765081_2'		4.7	10	10	2.2	0.9	10	4.52 No	0.9 Element Fault
UPP084	650	'6612070_/_6612067_2'		4.73	6.67	6.67	1.47	1	6.67	3.01 No	1 Element Fault
UPP084	651	'6460468_/_43922191'		2.63	3.33	3.33	0.04	1.1	3.33	1.51 No	0.04 Thermal Discharging
UPP084	652	'430383959_/_6619946_2'		10	10	10	0.18	1.5	10	5.22 No	0.18 Thermal Discharging
UPP084	653	'43952949_/_43952951'		2.4	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPP084	654	'6611524_/_6611521'		8.6	10	10	2.2	1.6	10	4.52 No	1.6 Element Fault
UPP084	655	'6470896_/_6471016'		3.33	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPP084	656	'6623302_/_6623299_2'		6.4	10	10	2.2	1.4	10	4.52 No	1.4 Element Fault
UPP084	657	'430384122_/_430384011_1'		10	10	10	0.18	0.9	10	5.22 No	0.18 Thermal Discharging
UPP084	658	'6457025_/_6457022'		3.33	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPP084	659	'6479460_/_6479457_2'		3.33	3.33	3.33	0.06	0.3	3.33	1.74 No	0.06 Thermal Discharging
UPP084	660	'6616735_/_6616745'		3.33	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPP084	661	'43954376_/_6619980_2'		3.33	3.33	3.33	0.06	0.3	3.33	1.74 No	0.06 Thermal Discharging
UPP084	662	'6620419_/_43954457'		3.33	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPP084	663	'6471136_/_6471133'		3.33	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPP084	664	'6611058_/_6611068'		3	3.33	3.33	0.73	0.3	3.33	1.51 No	0.3 Element Fault
UPP084	665	'43952841_/_6612248'		2.37	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPP084	666	'6612251_/_43952843'		2.37	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPP084	667	'426418747_/_430384011_2'		10	10	10	0.18	0.9	10	5.22 No	0.18 Thermal Discharging
UPP084	668	'6612212_/_43952773'		2.3	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPP084	669	'6607796_/_6607793'		2.67	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPP084	670	'6462480_/_7110247'		2.3	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPP084	671	'6456416_/_6456413'		2.5	3.33	3.33	0.03	1	3.33	1.51 No	0.03 Thermal Discharging
UPP084	672	'9658438_/_9658436_1'		10	10	10	2.2	1.7	10	4.52 No	1.7 Element Fault
UPP084	673	'6471373_/_6471370'		2.03	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPP084	674	'43921766_/_6470907_2'		3.33	3.33	3.33	0.73	0.4	3.33	1.51 No	0.4 Element Fault
UPP084	675	'6464298_/_6464296'		2.43	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPP084	676	'6461668_/_6484728_2'		2.03	3.33	3.33	0.73	0.3	3.33	1.51 No	0.3 Element Fault
UPP084	677	'6616031_/_6623248'		6.2	10	10	2.2	2.3	10	4.52 No	2.2 Thermal Discharging
UPP084	678	'43923703_/_6463297'		2.43	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPP084	679	'6479998_/_43920868'		2.6	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPP084	680	'6615405_/_6616346'		3.33	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPP084	681	'6470981_/_6481050'		10	10	10	2.2	3.1	10	4.52 No	2.2 Thermal Discharging
UPP084	682	'6456591_/_6456588'		3.33	3.33	3.33	0.06	0.3	3.33	1.74 No	0.06 Thermal Discharging
UPP084	683	'6471665_/_6471675'		2.27	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPP084	684	'6611796_/_6623458'		6.13	6.67	6.67	1.47	0.9	6.67	3.01 No	0.9 Element Fault
UPP084	685	'6470923_/_6470920_2'		3.33	3.33	3.33	0.05	1.1	3.33	1.51 No	0.05 Thermal Discharging
UPP084	686	'6612085_/_6612082'		4.47	6.67	6.67	1.47	1	6.67	3.01 No	1 Element Fault
UPP084	687	'6457625_/_6457622'		3.1	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPP084	688	'6611045_/_6611055'		2.77	3.33	3.33	0.73	0.3	3.33	1.51 No	0.3 Element Fault
UPP084	689	'6619999_/_43954378'		3.33	3.33	3.33	0.06	0.3	3.33	1.74 No	0.06 Thermal Discharging
UPP084	690	'43921236_/_6457437'		2.63	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPP084	691	'43920681_/_6456426'		2.4	3.33	3.33	0.03	1	3.33	1.51 No	0.03 Thermal Discharging
UPP084	692	'43924693_/_43924706'		1.97	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPP084	693	'6611699_/_6611696'		3.33	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPP084	694	'6464652_/_6464649'		3	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPP084	695	'8085978_/_8711838'		4.4	10	10	2.2	1.1	10	4.52 No	1.1 Element Fault
UPP084	696	'6457988_/_6457985'		3.03	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPP084	697	'43921579_/_43921581_1'		10	10	10	2.2	1.6	10	4.52 No	1.6 Element Fault
UPP084	698	'6460559_/_6460556'		2.73	3.33	3.33	0.04	1	3.33	1.51 No	0.04 Thermal Discharging
UPP084	699	'6479447_/_6479457_1'		3.33	3.33	3.33	0.06	0.3	3.33	1.74 No	0.06 Thermal Discharging
UPP084	700	'6620432_/_6620429'		3.33	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPP084	701	'6471691_/_6471688'		2.2	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPP084	702	'6457038_/_6457035'		3.23	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPP084	703	'6484547_/_6484544'		2.47	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPP084	704	'6471340_/_6471337'		1.93	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPP084	705	'6619903_/_6620077'		10	10	10	0.18	4.5	10	5.22 No	0.18 Thermal Discharging
UPP084	706	'6607900_/_6607910'		2.17	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPP084	707	'50655534_/_6456329'		2.33	3.33	3.33	0.03	1	3.33	1.51 No	0.03 Thermal Discharging
UPP084	708	'43924899_/_6471904'		2.17	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPP084	709	'6619880_/_43954320_2'		10	10	10	0.18	4.5	10	5.22 No	0.18 Thermal Discharging
UPP084	710	'43952408_/_6611538'		7.3	10	10	2.2	1.6	10	4.52 No	1.6 Element Fault
UPP084	711	'6470939_/_6470936'		3.33	3.33	3.33	0.05	1.1	3.33	1.51 No	0.05 Thermal Discharging
UPP084	712	'43923646_/_6461666'		1.93	3.33	3.33	0.73	0.3	3.33	1.51 No	0.3 Element Fault
UPP084	713	'8400991_/_8400988'		4.3	10	10	2.2	0.9	10	4.52 No	0.9 Element Fault
UPP084	714	'6615948_/_6616028'		3.93	6.67	6.67	1.47	1.53	6.67	3.01 No	1.47 Thermal Discharging
UPP084	715	'6611797_/_6611794'		5.53	6.67	6.67	1.47	0.9	6.67	3.01 No	0.9 Element Fault
UPP084	716	'6471664_/_6471662'		2.13	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPP084	717	'6611686_/_6616732'		3.33	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPP084	718	'43953394_/_6615402'		3.33	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPP084	719	'6616388_/_6616385'		4.2	6.67	6.67	1.47	1	6.67	3.01 No	1 Element Fault
UPP084	720	'6459102_/_6471149'		3.03	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPP084	721	'6479446_/_6479444'		3.33	3.33	3.33	0.06	0.3	3.33	1.74 No	0.06 Thermal Discharging
UPP084	722	'43922200_/_6472068'		2.77	3.33	3.33	0.04	1	3.33	1.51 No	0.04 Thermal Discharging
UPP084	723	'43952524_/_43952526'		2.57	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPP084	724	'6611032_/_6611042'		2.5	3.33	3.33	0.73	0.3	3.33	1.51 No	0.3 Element Fault
UPP084	725	'6458860_/_6458857'		3.33	3.33	3.33	0.73	0.4	3.33	1.51 No	0.4 Element Fault
UPP084	726	'43952874_/_6607806'		2.4	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPP084	727	'6458642_/_6470894'		3.33	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPP084	728	'43954318_/_43954320_1'		10	10	10	0.18	0.9	10	5.22 No	0.18 Thermal Discharging
UPP084	729	'6620011_/_6620161'		3.33	3.33	3.33	0.06	0.3	3.33	1.74 No	0.06 Thermal Discharging
UPP084	730	'6463313_/_6463310'		2.23	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPP084	731	'6606946_/_6606943_2'		2.53	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPP084	732	'6457638_/_6457635'		2.77	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPP084	733	'6471704_/_6471701'		2.07	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPP084	734	'6460480_/_6460478_1'		2.8	3.33	3.33	0.04	1	3.33	1.51 No	0.04 Thermal Discharging
UPP084	735	'6611388_/_6611398'		2.47	3.33	3.33	0.73	0.3	3.33	1.51 No	0.3 Element Fault
UPP084	736	'6607899_/_6607897'		2.07	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPP084	737	'43921566_/_43921568'		10	10	10	2.2	1.6	10	4.52 No	1.6 Element Fault
UPP084	738	'6471920_/_6471917'		2.07	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPP084	739	'6464515_/_6464512'		3.33	3.33	3.33	0.06	0.3	3.33	1.74 No	0.06 Thermal Discharging
UPP084	740	'8085977_/_8085975'		4.2	10	10	2.2	1.1	10	4.52 No	1.1 Element Fault

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
UPP084	741	'6457440_/_43921238'		2.4	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPP084	742	'6471584_/_6471581'		1.83	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPP084	743	'6456293_/_43920661'		2.2	3.33	3.33	0.03	1	3.33	1.51 No	0.03 Thermal Discharging
UPP084	744	'6462481_/_6462478'		2.03	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPP084	745	'6481002_/_43921555_2'		10	10	10	2.2	1.6	10	4.52 No	1.6 Element Fault
UPP084	746	'6611843_/_6611853'		3.1	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPP084	747	'6611672_/_6611683'		3.07	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPP084	748	'6611712_/_6611709'		3.1	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPP084	749	'43921799_/_6470949'		3.33	3.33	3.33	0.05	1.1	3.33	1.51 No	0.05 Thermal Discharging
UPP084	750	'6460572_/_6460569'		2.83	3.33	3.33	0.04	1	3.33	1.51 No	0.04 Thermal Discharging
UPP084	751	'43921605_/_6470979'		10	10	10	2.2	3.1	10	4.52 No	2.2 Thermal Discharging
UPP084	752	'6615947_/_6615945'		3.73	6.67	6.67	1.47	153	6.67	3.01 No	1.47 Thermal Discharging
UPP084	753	'43954331_/_6619917'		3.33	3.33	3.33	0.06	1	3.33	1.74 No	0.06 Thermal Discharging
UPP084	754	'6620148_/_6620145'		3.33	3.33	3.33	0.06	0.3	3.33	1.74 No	0.06 Thermal Discharging
UPP084	755	'8401011_/_8401008'		4.2	10	10	2.2	0.9	10	4.52 No	0.9 Element Fault
UPP084	756	'43921335_/_43921337'		2.63	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPP084	757	'6606930_/_6606943_1'		2.47	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPP084	758	'66119920_/_6619930_1'		3.33	3.33	3.33	0.06	0.2	3.33	1.74 No	0.06 Thermal Discharging
UPP084	759	'6615392_/_6615415'		3.33	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPP084	760	'6620445_/_6620442'		3.03	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPP084	761	'6611869_/_6611866'		2.97	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPP084	762	'43952994_/_6616403'		4	6.67	6.67	1.47	1	6.67	3.01 No	1 Element Fault
UPP084	763	'6472005_/_6472003'		2	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPP084	764	'6619854_/_6619864'		3.33	3.33	3.33	0.06	0.3	3.33	1.74 No	0.06 Thermal Discharging
UPP084	765	'6461682_/_43923648'		1.8	3.33	3.33	0.73	0.3	3.33	1.51 No	0.3 Element Fault
UPP084	766	'6472084_/_6472081_1'		2	3.33	3.33	0.04	1.1	3.33	1.51 No	0.04 Thermal Discharging
UPP084	767	'6611414_/_6611411'		2.3	3.33	3.33	0.73	0.3	3.33	1.51 No	0.3 Element Fault
UPP084	768	'6470455_/_43924695'		1.77	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPP084	769	'6611223_/_6611555'		6.5	10	10	2.2	1.6	10	4.52 No	1.6 Element Fault
UPP084	770	'6611673_/_6611670'		2.87	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPP084	771	'6611375_/_6611385'		2.3	3.33	3.33	0.73	0.3	3.33	1.51 No	0.3 Element Fault
UPP084	772	'6458873_/_6458870'		3.33	3.33	3.33	0.73	0.4	3.33	1.51 No	0.4 Element Fault
UPP084	773	'6615978_/_6619823'		3.67	6.67	6.67	1.47	153	6.67	3.01 No	1.47 Thermal Discharging
UPP084	774	'43924910_/_6471930'		1.97	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPP084	775	'6463326_/_6463323'		2.1	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPP084	776	'9030509_/_9030507'		4	10	10	2.2	1.1	10	4.52 No	1.1 Element Fault
UPP084	777	'6607822_/_6607819'		2.23	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPP084	778	'6615965_/_6615963_1'		1.83	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPP084	779	'6457829_/_6457839'		2.53	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPP084	780	'43954387_/_6620009'		3.33	3.33	3.33	0.06	0.3	3.33	1.74 No	0.06 Thermal Discharging
UPP084	781	'6456306_/_6456303'		2.1	3.33	3.33	0.03	1	3.33	1.51 No	0.03 Thermal Discharging
UPP084	782	'51425509_/_6611233_1'		2.17	3.33	3.33	0.73	0.3	3.33	1.51 No	0.3 Element Fault
UPP084	783	'43921553_/_43921555_1'		10	10	10	2.2	1	10	4.52 No	1 Element Fault
UPP084	784	'9658163_/_9658160_1'		4	10	10	2.2	1.1	10	4.52 No	1.1 Element Fault
UPP084	785	'6606929_/_6606927'		2.37	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPP084	786	'6611830_/_6611840'		2.8	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPP084	787	'6471993_/_6472016'		1.93	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPP084	788	'63856238_/_63856241'		3.33	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPP084	789	'6464528_/_6464525'		3.33	3.33	3.33	0.06	0.3	3.33	1.74 No	0.06 Thermal Discharging
UPP084	790	'43952254_/_43952256'		2.23	3.33	3.33	0.73	0.3	3.33	1.51 No	0.3 Element Fault
UPP084	791	'6460481_/_6460478_2'		2.67	3.33	3.33	0.04	1	3.33	1.51 No	0.04 Thermal Discharging
UPP084	792	'43921854_/_6459100'		2.53	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPP084	793	'6616075_/_6616072'		2.73	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPP084	794	'6620051_/_6620061'		3.33	3.33	3.33	0.06	0.3	3.33	1.74 No	0.06 Thermal Discharging
UPP084	795	'6615966_/_6615963_2'		1.83	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPP084	796	'43952479_/_43952481'		4.67	6.67	6.67	1.47	0.9	6.67	3.01 No	0.9 Element Fault
UPP084	797	'6611882_/_6611879'		2.7	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPP084	798	'6622227_/_6622224'		3.33	3.33	3.33	0.06	0.3	3.33	1.74 No	0.06 Thermal Discharging
UPP084	799	'6615391_/_6615389'		3.23	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPP084	800	'6458014_/_6458024'		2.43	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPP084	801	'6619933_/_6619930_2'		3.33	3.33	3.33	0.06	0.2	3.33	1.74 No	0.06 Thermal Discharging
UPP084	802	'6457651_/_6457648'		2.43	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPP084	803	'6616406_/_43952996'		3.73	6.67	6.67	1.47	1	6.67	3.01 No	1 Element Fault
UPP084	804	'6458362_/_6458359'		8.5	10	10	2.2	3.1	10	4.52 No	2.2 Thermal Discharging
UPP084	805	'6615935_/_6616015'		1.83	3.33	3.33	0.73	0.77	3.33	1.51 No	0.73 Thermal Discharging
UPP084	806	'50410658_/_6472029'		1.9	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPP084	807	'6462494_/_6462491'		1.9	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPP084	808	'6457816_/_6457826'		2.4	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPP084	809	'6471597_/_6471594'		1.7	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPP084	810	'6461698_/_6461695'		1.7	3.33	3.33	0.73	0.3	3.33	1.51 No	0.3 Element Fault
UPP084	811	'43952384_/_6611424'		2.13	3.33	3.33	0.73	0.3	3.33	1.51 No	0.3 Element Fault
UPP084	812	'6611236_/_6611233_2'		2.2	3.33	3.33	0.73	0.3	3.33	1.51 No	0.3 Element Fault
UPP084	813	'6463339_/_6463336'		2	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPP084	814	'6460546_/_6460582'		2.57	3.33	3.33	0.04	1	3.33	1.51 No	0.04 Thermal Discharging
UPP084	815	'6484592_/_6484603'		1.83	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPP084	816	'6610908_/_6619838'		3.33	3.33	3.33	0.06	0.3	3.33	1.74 No	0.06 Thermal Discharging
UPP084	817	'6471849_/_43924912'		1.87	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPP084	818	'6484759_/_6484773_3'		1.67	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPP084	819	'6456319_/_6456316'		2	3.33	3.33	0.03	1	3.33	1.51 No	0.03 Thermal Discharging
UPP084	820	'43921540_/_6480999'		8.5	10	10	2.2	1	10	4.52 No	1 Element Fault
UPP084	821	'43952325_/_43952327'		1.97	3.33	3.33	0.73	0.53	3.33	1.51 No	0.53 Element Fault
UPP084	822	'43952175_/_43952177'		3.33	3.33	3.33	0.06	0.3	3.33	1.74 No	0.06 Thermal Discharging
UPP084	823	'6458889_/_43921801'		3.33	3.33	3.33	0.05	1.1	3.33	1.51 No	0.05 Thermal Discharging
UPP084	824	'396073565_/_6484773_2'		1.63	3.33	3.33	0.73	0.3	3.33	1.51 No	0.3 Element Fault
UPP084	825	'6457803_/_6457813'		2.3	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPP084	826	'6611575_/_6611572'		5.8	10	10	2.2	1.6	10	4.52 No	1.6 Element Fault
UPP084	827	'6460494_/_6460491'		2.47	3.33	3.33	0.04	1	3.33	1.51 No	0.04 Thermal Discharging
UPP084	828	'6610882_/_6610879_2'		3.33	3.33	3.33	0.06	0.3	3.33	1.74 No	0.06 Thermal Discharging
UPP084	829	'6607835_/_6607832'		2.07	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPP084	830	'6471652_/_6471990'		1.83	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPP084	831	'6460533_/_6460543'		2.47	3.33	3.33	0.04	1	3.33	1.51 No	0.04 Thermal Discharging
UPP084	832	'6622705_/_6622702'		3.33	3.33	3.33	0.06	0.2	3.33	1.74 No	0.06 Thermal Discharging
UPP084	833	'6472057_/_6472055'		1.83	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPP084	834	'6611895_/_6611892_1'		2.53	3.33	3.33	0.73	0.45	3.33	1.51 No	0.45 Element Fault

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
UPP084	835	'6611591_/_6611827'		2.5	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPP084	836	'43954544_/_43954546'		2.8	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPP084	837	'6611252_/_6611372'		2.03	3.33	3.33	0.73	0.3	3.33	1.51 No	0.3 Element Fault
UPP084	838	'6615992_/_6615989'		1.83	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPP084	839	'43921291_/_6484841'		2.27	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPP084	840	'6458643_/_6458640'		3.33	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPP084	841	'6616249_/_43954389'		2.93	3.33	3.33	0.06	0.3	3.33	1.74 No	0.06 Thermal Discharging
UPP084	842	'53972342_/_6620035'		3.33	3.33	3.33	0.06	0.2	3.33	1.74 No	0.06 Thermal Discharging
UPP084	843	'6611031_/_6611029'		2	3.33	3.33	0.73	0.3	3.33	1.51 No	0.3 Element Fault
UPP084	844	'6618888_/_6618885_2'		1.87	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPP084	845	'6484789_/_6484786'		1.93	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPP084	846	'6471556_/_6484773_1'		1.6	3.33	3.33	0.73	0.3	3.33	1.51 No	0.3 Element Fault
UPP084	847	'6610895_/_6610905'		3.33	3.33	3.33	0.06	0.3	3.33	1.74 No	0.06 Thermal Discharging
UPP084	848	'6456603_/_43920796'		3.33	3.33	3.33	0.06	0.3	3.33	1.74 No	0.06 Thermal Discharging
UPP084	849	'6458001_/_6458011'		2.23	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPP084	850	'6471837_/_6471847'		1.8	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPP084	851	'6611440_/_6611437'		2	3.33	3.33	0.73	0.3	3.33	1.51 No	0.3 Element Fault
UPP084	852	'6611921_/_6611918'		2.2	3.33	3.33	0.73	0.3	3.33	1.51 No	0.3 Element Fault
UPP084	853	'6464554_/_6464551'		1.9	3.33	3.33	0.03	1	3.33	1.51 No	0.03 Thermal Discharging
UPP084	854	'6618848_/_6618846_1'		1.87	3.33	3.33	0.73	0.3	3.33	1.51 No	0.3 Element Fault
UPP084	855	'6615922_/_6615932'		1.87	3.33	3.33	0.73	0.77	3.33	1.51 No	0.73 Thermal Discharging
UPP084	856	'6459103_/_43921856'		2.23	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPP084	857	'6618875_/_6618885_1'		1.87	3.33	3.33	0.73	0.3	3.33	1.51 No	0.3 Element Fault
UPP084	858	'6480951_/_6480965'		7.4	10	10	2.2	1	10	4.52 No	1 Element Fault
UPP084	859	'6461451_/_6462504'		1.77	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPP084	860	'6460520_/_6460530'		2.33	3.33	3.33	0.04	1	3.33	1.51 No	0.04 Thermal Discharging
UPP084	861	'6471824_/_6471834'		1.77	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPP084	862	'6461714_/_6461711'		1.6	3.33	3.33	0.73	0.3	3.33	1.51 No	0.3 Element Fault
UPP084	863	'6458834_/_6458899'		3.33	3.33	3.33	0.05	1.1	3.33	1.51 No	0.05 Thermal Discharging
UPP084	864	'6457664_/_6457661'		2.2	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPP084	865	'6457790_/_6457800'		2.2	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPP084	866	'6471639_/_6471649_2'		1.77	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPP084	867	'43924866_/_6471607'		1.57	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPP084	868	'43923433_/_6460634'		2.3	3.33	3.33	0.04	1	3.33	1.51 No	0.04 Thermal Discharging
UPP084	869	'6455952_/_7109942'		5.4	10	10	2.2	1.6	10	4.52 No	1.6 Element Fault
UPP084	870	'6612356_/_6612366'		1.97	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPP084	871	'6610868_/_6610879_1'		3.33	3.33	3.33	0.06	0.3	3.33	1.74 No	0.06 Thermal Discharging
UPP084	872	'6610869_/_6610866_1'		3.33	3.33	3.33	0.06	0.3	3.33	1.74 No	0.06 Thermal Discharging
UPP084	873	'518476655_/_6610866_2'		3.33	3.33	3.33	0.06	0.3	3.33	1.74 No	0.06 Thermal Discharging
UPP084	874	'43952421_/_6611589'		2.37	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPP084	875	'6622691_/_6622689'		2.57	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPP084	876	'43924888_/_6471649_1'		1.73	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPP084	877	'6471610_/_6471620_1'		1.53	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPP084	878	'6611207_/_6611220'		1.83	3.33	3.33	0.73	0.53	3.33	1.51 No	0.53 Element Fault
UPP084	879	'6611814_/_6611812'		6.67	6.67	6.67	1.47	0.9	6.67	3.01 No	0.9 Element Fault
UPP084	880	'6619503_/_6619501'		2.33	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPP084	881	'6460598_/_6460595'		2.27	3.33	3.33	0.04	1	3.33	1.51 No	0.04 Thermal Discharging
UPP084	882	'6461452_/_6461449'		1.73	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPP084	883	'6484593_/_6484590'		1.67	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPP084	884	'6612057_/_6612054'		2.13	3.33	3.33	0.73	0.3	3.33	1.51 No	0.3 Element Fault
UPP084	885	'6611947_/_6611944'		2.1	3.33	3.33	0.73	0.3	3.33	1.51 No	0.3 Element Fault
UPP084	886	'43920615_/_43920617'		2.1	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPP084	887	'6612028_/_6612041'		2.1	3.33	3.33	0.73	0.3	3.33	1.51 No	0.3 Element Fault
UPP084	888	'6611206_/_6611204'		1.8	3.33	3.33	0.73	0.53	3.33	1.51 No	0.53 Element Fault
UPP084	889	'6612957_/_6619514'		2.3	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPP084	890	'6457760_/_6484854'		2.1	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPP084	891	'6471811_/_6471821'		1.7	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPP084	892	'6456604_/_6456601'		3.33	3.33	3.33	0.06	0.3	3.33	1.74 No	0.06 Thermal Discharging
UPP084	893	'6618732_/_6618846_2'		1.87	3.33	3.33	0.73	0.3	3.33	1.51 No	0.3 Element Fault
UPP084	894	'6471555_/_6471553'		1.5	3.33	3.33	0.73	0.3	3.33	1.51 No	0.3 Element Fault
UPP084	895	'6458053_/_6458050'		2.1	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPP084	896	'6458821_/_6458831'		3.33	3.33	3.33	0.05	1	3.33	1.51 No	0.05 Thermal Discharging
UPP084	897	'43924877_/_6471714'		1.5	3.33	3.33	0.73	0.3	3.33	1.51 No	0.3 Element Fault
UPP084	898	'6611251_/_43954671'		1.87	3.33	3.33	0.73	0.3	3.33	1.51 No	0.3 Element Fault
UPP084	899	'687519287_/_6461724'		1.53	3.33	3.33	0.73	0.3	3.33	1.51 No	0.3 Element Fault
UPP084	900	'6458000_/_6471175_2'		2.07	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPP084	901	'6623531_/_6623528'		3.33	3.33	3.33	0.06	0.2	3.33	1.74 No	0.06 Thermal Discharging
UPP084	902	'6611349_/_6611359'		1.87	3.33	3.33	0.73	0.3	3.33	1.51 No	0.3 Element Fault
UPP084	903	'6458957_/_6458954'		3.33	3.33	3.33	0.05	1.1	3.33	1.51 No	0.05 Thermal Discharging
UPP084	904	'6616263_/_6616247'		2.4	3.33	3.33	0.06	0.3	3.33	1.74 No	0.06 Thermal Discharging
UPP084	905	'108437904_/_6456905_2'		3.23	3.33	3.33	0.06	0.3	3.33	1.74 No	0.06 Thermal Discharging
UPP084	906	'63634538_/_6458653'		3.03	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPP084	907	'6607848_/_6607845'		1.93	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPP084	908	'518476552_/_518476538'		3.33	3.33	3.33	0.06	0.3	3.33	1.74 No	0.06 Thermal Discharging
UPP084	909	'6480931_/_6480948'		6.5	10	10	2.2	1	10	4.52 No	1 Element Fault
UPP084	910	'6618901_/_6618898'		1.87	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPP084	911	'6460611_/_6460608'		2.17	3.33	3.33	0.04	1	3.33	1.51 No	0.04 Thermal Discharging
UPP084	912	'43952336_/_6611278'		1.83	3.33	3.33	0.73	0.3	3.33	1.51 No	0.3 Element Fault
UPP084	913	'6460650_/_43923435'		2.17	3.33	3.33	0.04	1	3.33	1.51 No	0.04 Thermal Discharging
UPP084	914	'6619595_/_6619592'		1.83	3.33	3.33	0.73	0.3	3.33	1.51 No	0.3 Element Fault
UPP084	915	'518476608_/_518476562_1'		3.33	3.33	3.33	0.06	0.1	3.33	1.74 No	0.06 Thermal Discharging
UPP084	916	'43924380_/_6464564'		1.77	3.33	3.33	0.03	1	3.33	1.51 No	0.03 Thermal Discharging
UPP084	917	'6455953_/_6455950'		5.1	10	10	2.2	1.6	10	4.52 No	1.6 Element Fault
UPP084	918	'6615909_/_6615919'		1.9	3.33	3.33	0.73	0.77	3.33	1.51 No	0.73 Thermal Discharging
UPP084	919	'6471623_/_6471636'		1.67	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPP084	920	'6457933_/_6457943'		2.03	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPP084	921	'6610894_/_6610892'		3.3	3.33	3.33	0.06	0.3	3.33	1.74 No	0.06 Thermal Discharging
UPP084	922	'6611605_/_6611602'		2.2	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPP084	923	'6618862_/_6618872'		1.87	3.33	3.33	0.73	0.3	3.33	1.51 No	0.3 Element Fault
UPP084	924	'6456026_/_7109959'		2.03	3.33	3.33	0.73	0.3	3.33	1.51 No	0.3 Element Fault
UPP084	925	'6612027_/_6612025'		2.03	3.33	3.33	0.73	0.3	3.33	1.51 No	0.3 Element Fault
UPP084	926	'6457777_/_6457787'		2.03	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPP084	927	'6612343_/_6612353'		1.83	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPP084	928	'6460507_/_6460517'		2.13	3.33	3.33	0.04	1	3.33	1.51 No	0.04 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
UPP084	929	'6611960_/_6611957'		2	3.33	3.33	0.73	0.3	3.33	1.51 No	0.3 Element Fault
UPP084	930	'6616289_/_6616286'		2.27	3.33	3.33	0.06	0.3	3.33	1.74 No	0.06 Thermal Discharging
UPP084	931	'6457677_/_6457674'		2.03	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPP084	932	'6612958_/_6612955'		2.17	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPP084	933	'6619569_/_6619579'		2.17	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPP084	934	'6611336_/_6611346'		1.8	3.33	3.33	0.73	0.3	3.33	1.51 No	0.3 Element Fault
UPP084	935	'6471044_/_6471175_1'		2	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPP084	936	'43921346_/_6458063'		2	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPP084	937	'212128200_/_212128198'		1.8	3.33	3.33	0.73	0.3	3.33	1.51 No	0.3 Element Fault
UPP084	938	'6456617_/_6456614'		2.87	3.33	3.33	0.06	0.3	3.33	1.74 No	0.06 Thermal Discharging
UPP084	939	'6457761_/_6457758'		2	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPP084	940	'43952971_/_6607858'		1.83	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPP084	941	'6460506_/_6460504'		2.03	3.33	3.33	0.04	1	3.33	1.51 No	0.04 Thermal Discharging
UPP084	942	'6471755_/_6471808'		1.6	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPP084	943	'6471730_/_43924879'		1.43	3.33	3.33	0.73	0.3	3.33	1.51 No	0.3 Element Fault
UPP084	944	'6456027_/_6456024'		1.97	3.33	3.33	0.73	0.3	3.33	1.51 No	0.3 Element Fault
UPP084	945	'6610921_/_6610918'		2.8	3.33	3.33	0.06	0.3	3.33	1.74 No	0.06 Thermal Discharging
UPP084	946	'6610937_/_6610934'		2.8	3.33	3.33	0.06	0.3	3.33	1.74 No	0.06 Thermal Discharging
UPP084	947	'43921313_/_6457930'		1.93	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPP084	948	'6611973_/_6611970'		1.9	3.33	3.33	0.73	0.3	3.33	1.51 No	0.3 Element Fault
UPP084	949	'6611618_/_6611615'		2.07	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPP084	950	'6464580_/_43924382'		1.7	3.33	3.33	0.03	1	3.33	1.51 No	0.03 Thermal Discharging
UPP084	951	'6456895_/_6456905_1'		2.7	3.33	3.33	0.06	0.2	3.33	1.74 No	0.06 Thermal Discharging
UPP084	952	'6457776_/_6457774'		1.93	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPP084	953	'43921788_/_43921790'		2.83	3.33	3.33	0.05	1	3.33	1.51 No	0.05 Thermal Discharging
UPP084	954	'6480855_/_6480928'		5.9	10	10	2.2	1	10	4.52 No	1 Element Fault
UPP084	955	'43953453_/_43953455'		1.83	3.33	3.33	0.73	0.3	3.33	1.51 No	0.3 Element Fault
UPP084	956	'6618861_/_6618859'		1.8	3.33	3.33	0.73	0.3	3.33	1.51 No	0.3 Element Fault
UPP084	957	'43952277_/_6616299'		2.1	3.33	3.33	0.06	0.3	3.33	1.74 No	0.06 Thermal Discharging
UPP084	958	'6458970_/_6458967'		3.33	3.33	3.33	0.05	1.1	3.33	1.51 No	0.05 Thermal Discharging
UPP084	959	'6616276_/_6616273'		2.1	3.33	3.33	0.06	0.3	3.33	1.74 No	0.06 Thermal Discharging
UPP084	960	'6618953_/_6618950'		1.8	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPP084	961	'43954050_/_6615906'		1.87	3.33	3.33	0.73	0.77	3.33	1.51 No	0.73 Thermal Discharging
UPP084	962	'6460663_/_6460660'		2	3.33	3.33	0.04	1	3.33	1.51 No	0.04 Thermal Discharging
UPP084	963	'6622506_/_6622504'		2.03	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPP084	964	'6619608_/_6619605'		1.7	3.33	3.33	0.73	0.3	3.33	1.51 No	0.3 Element Fault
UPP084	965	'6464801_/_6464816'		4.7	10	10	2.2	1.6	10	4.52 No	1.6 Element Fault
UPP084	966	'6611310_/_6611333'		1.7	3.33	3.33	0.73	0.3	3.33	1.51 No	0.3 Element Fault
UPP084	967	'6460624_/_6460621'		2	3.33	3.33	0.04	1	3.33	1.51 No	0.04 Thermal Discharging
UPP084	968	'6618914_/_6618911'		1.8	3.33	3.33	0.73	0.3	3.33	1.51 No	0.3 Element Fault
UPP084	969	'6615880_/_6619618'		1.67	3.33	3.33	0.73	0.3	3.33	1.51 No	0.3 Element Fault
UPP084	970	'6619556_/_6619566'		2	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPP084	971	'6457518_/_6457687'		1.87	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPP084	972	'6471785_/_6471795'		1.53	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPP084	973	'6458079_/_43921348'		1.87	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPP084	974	'6610950_/_6610947_1'		2.53	3.33	3.33	0.06	0.3	3.33	1.74 No	0.06 Thermal Discharging
UPP084	975	'6471756_/_6471753'		1.53	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPP084	976	'6611136_/_6611133'		2	3.33	3.33	0.06	0.3	3.33	1.74 No	0.06 Thermal Discharging
UPP084	977	'6457306_/_6464593'		1.63	3.33	3.33	0.03	1	3.33	1.51 No	0.03 Thermal Discharging
UPP084	978	'6471045_/_6471042'		1.83	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPP084	979	'6457505_/_6457515'		1.83	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPP084	980	'6455969_/_6464799'		4.6	10	10	2.2	1.6	10	4.52 No	1.6 Element Fault
UPP084	981	'43952230_/_6610947_2'		2.47	3.33	3.33	0.06	0.3	3.33	1.74 No	0.06 Thermal Discharging
UPP084	982	'43921528_/_6481369'		3.73	6.67	6.67	1.47	0.67	6.67	3.01 No	0.67 Element Fault
UPP084	983	'6456225_/_6456248_2'		1.53	3.33	3.33	0.73	0.53	3.33	1.51 No	0.53 Element Fault
UPP084	984	'6611631_/_6611628'		1.97	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPP084	985	'6459090_/_6459113'		3.33	3.33	3.33	0.05	1.1	3.33	1.51 No	0.05 Thermal Discharging
UPP084	986	'6456882_/_6456892'		2.43	3.33	3.33	0.06	0.2	3.33	1.74 No	0.06 Thermal Discharging
UPP084	987	'6607874_/_43952973'		1.73	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPP084	988	'6606861_/_6611983'		1.8	3.33	3.33	0.73	0.3	3.33	1.51 No	0.3 Element Fault
UPP084	989	'6618745_/_6618742'		1.73	3.33	3.33	0.73	0.3	3.33	1.51 No	0.3 Element Fault
UPP084	990	'6615879_/_6615877'		1.6	3.33	3.33	0.73	0.3	3.33	1.51 No	0.3 Element Fault
UPP084	991	'6464773_/_6464783'		1.53	3.33	3.33	0.73	0.53	3.33	1.51 No	0.53 Element Fault
UPP084	992	'6458792_/_6458802'		2.47	3.33	3.33	0.05	1	3.33	1.51 No	0.05 Thermal Discharging
UPP084	993	'6471743_/_6471740'		1.33	3.33	3.33	0.73	0.3	3.33	1.51 No	0.3 Element Fault
UPP084	994	'6480905_/_6480915'		1.8	3.33	3.33	0.73	0.33	3.33	1.51 No	0.33 Element Fault
UPP084	995	'6615892_/_6615890'		1.8	3.33	3.33	0.73	0.77	3.33	1.51 No	0.73 Thermal Discharging
UPP084	996	'43922266_/_6460673'		1.87	3.33	3.33	0.04	1	3.33	1.51 No	0.04 Thermal Discharging
UPP084	997	'7110295_/_7110292'		1.6	3.33	3.33	0.73	0.3	3.33	1.51 No	0.3 Element Fault
UPP084	998	'6616048_/_6616059_1'		1.77	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPP084	999	'6480838_/_6480852'		5.3	10	10	2.2	1	10	4.52 No	1 Element Fault
UPP084	1000	'43954213_/_43954215'		1.9	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPP084	1001	'6460900_/_6460897'		1.87	3.33	3.33	0.04	1	3.33	1.51 No	0.04 Thermal Discharging
UPP084	1002	'6618966_/_6618963'		1.7	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPP084	1003	'6457492_/_6457502'		1.8	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPP084	1004	'6457907_/_6457917'		1.8	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPP084	1005	'6611323_/_6611320'		1.6	3.33	3.33	0.73	0.3	3.33	1.51 No	0.3 Element Fault
UPP084	1006	'6460809_/_6460819'		1.87	3.33	3.33	0.04	1	3.33	1.51 No	0.04 Thermal Discharging
UPP084	1007	'6471772_/_6471782'		1.47	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPP084	1008	'6481390_/_6481387'		3.6	6.67	6.67	1.47	0.67	6.67	3.01 No	0.67 Element Fault
UPP084	1009	'43954307_/_6619553'		1.87	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPP084	1010	'6455940_/_6464770'		1.53	3.33	3.33	0.73	0.3	3.33	1.51 No	0.3 Element Fault
UPP084	1011	'7110263_/_7110260'		1.83	3.33	3.33	0.06	0.3	3.33	1.74 No	0.06 Thermal Discharging
UPP084	1012	'6611293_/_6611307'		1.57	3.33	3.33	0.73	0.3	3.33	1.51 No	0.3 Element Fault
UPP084	1013	'6619196_/_6619193'		1.67	3.33	3.33	0.73	0.3	3.33	1.51 No	0.3 Element Fault
UPP084	1014	'6607887_/_6607884'		1.67	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPP084	1015	'6457307_/_6457304'		1.57	3.33	3.33	0.03	1	3.33	1.51 No	0.03 Thermal Discharging
UPP084	1016	'43952491_/_6623361'		1.77	3.33	3.33	0.73	0.3	3.33	1.51 No	0.3 Element Fault
UPP084	1017	'43922301_/_6465411'		1.83	3.33	3.33	0.04	1	3.33	1.51 No	0.04 Thermal Discharging
UPP084	1018	'6611149_/_6611146'		1.83	3.33	3.33	0.06	0.3	3.33	1.74 No	0.06 Thermal Discharging
UPP084	1019	'6610963_/_43952232'		2.27	3.33	3.33	0.06	0.3	3.33	1.74 No	0.06 Thermal Discharging
UPP084	1020	'43952502_/_6606859'		1.73	3.33	3.33	0.73	0.3	3.33	1.51 No	0.3 Element Fault
UPP084	1021	'6458779_/_6458789'		2.27	3.33	3.33	0.05	1	3.33	1.51 No	0.05 Thermal Discharging
UPP084	1022	'6456250_/_6456248_1'		1.53	3.33	3.33	0.73	0.3	3.33	1.51 No	0.3 Element Fault

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
UPP084	1023	'6456539_/_6456879'	2.27	3.33	3.33	0.06	0.2	3.33	1.74 No	0.06	Thermal Discharging
UPP084	1024	'6455927_/_6455937'	1.53	3.33	3.33	0.73	0.3	3.33	1.51 No	0.3	Element Fault
UPP084	1025	'6619784_/_43954250'	1.53	3.33	3.33	0.73	0.3	3.33	1.51 No	0.3	Element Fault
UPP084	1026	'6623407_/_6623404'	1.63	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5	Element Fault
UPP084	1027	'6459077_/_6459087'	2.93	3.33	3.33	0.05	1	3.33	1.51 No	0.05	Thermal Discharging
UPP084	1028	'6611644_/_6611641'	1.83	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5	Element Fault
UPP084	1029	'6458092_/_6458089'	1.73	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5	Element Fault
UPP084	1030	'6618979_/_6618976'	1.67	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5	Element Fault
UPP084	1031	'6480892_/_6480902'	1.7	3.33	3.33	0.73	0.33	3.33	1.51 No	0.33	Element Fault
UPP084	1032	'6471058_/_6471055'	1.7	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5	Element Fault
UPP084	1033	'43954169_/_43954171'	1.83	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5	Element Fault
UPP084	1034	'6611999_/_6611996'	1.7	3.33	3.33	0.73	0.3	3.33	1.51 No	0.3	Element Fault
UPP084	1035	'6473136_/_6473133'	3.03	3.33	3.33	0.05	1.1	3.33	1.51 No	0.05	Thermal Discharging
UPP084	1036	'6455970_/_6455967'	4.3	10	10	2.2	1.6	10	4.52 No	1.6	Element Fault
UPP084	1037	'6460689_/_6460686'	1.77	3.33	3.33	0.04	1	3.33	1.51 No	0.04	Thermal Discharging
UPP084	1038	'6610976_/_6610973'	2.2	3.33	3.33	0.06	0.3	3.33	1.74 No	0.06	Thermal Discharging
UPP084	1039	'43921515_/_6480835'	5	10	10	2.2	1	10	4.52 No	1	Element Fault
UPP084	1040	'6618758_/_6618755'	1.63	3.33	3.33	0.73	0.3	3.33	1.51 No	0.3	Element Fault
UPP084	1041	'6459145_/_6459142'	2.77	3.33	3.33	0.05	1	3.33	1.51 No	0.05	Thermal Discharging
UPP084	1042	'43952347_/_6611291'	1.5	3.33	3.33	0.73	0.3	3.33	1.51 No	0.3	Element Fault
UPP084	1043	'43924943_/_43924945'	1.43	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5	Element Fault
UPP084	1044	'43953442_/_6616059_2'	1.7	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5	Element Fault
UPP084	1045	'43920604_/_43920606'	1.7	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5	Element Fault
UPP084	1046	'6458915_/_6458912'	2.53	3.33	3.33	0.05	1	3.33	1.51 No	0.05	Thermal Discharging
UPP084	1047	'43952490_/_6623345'	1.7	3.33	3.33	0.73	0.3	3.33	1.51 No	0.3	Element Fault
UPP084	1048	'6465371_/_6465369'	2.17	3.33	3.33	0.06	0.2	3.33	1.74 No	0.06	Thermal Discharging
UPP084	1049	'6619212_/_6619209'	1.6	3.33	3.33	0.73	0.3	3.33	1.51 No	0.3	Element Fault
UPP084	1050	'6619430_/_6619428'	1.8	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5	Element Fault
UPP084	1051	'43922399_/_6474046'	1.73	3.33	3.33	0.04	1	3.33	1.51 No	0.04	Thermal Discharging
UPP084	1052	'43922290_/_6460806'	1.73	3.33	3.33	0.04	1	3.33	1.51 No	0.04	Thermal Discharging
UPP084	1053	'43921258_/_43921260'	1.67	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5	Element Fault
UPP084	1054	'6465427_/_6465424'	1.73	3.33	3.33	0.04	1	3.33	1.51 No	0.04	Thermal Discharging
UPP084	1055	'43920568_/_43920570'	1.53	3.33	3.33	0.73	0.3	3.33	1.51 No	0.3	Element Fault
UPP084	1056	'6611162_/_6611159'	1.73	3.33	3.33	0.06	0.3	3.33	1.74 No	0.06	Thermal Discharging
UPP084	1057	'43952507_/_43952504'	1.67	3.33	3.33	0.73	0.3	3.33	1.51 No	0.3	Element Fault
UPP084	1058	'6619530_/_6619540'	1.77	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5	Element Fault
UPP084	1059	'6459064_/_6459074'	2.63	3.33	3.33	0.05	1	3.33	1.51 No	0.05	Thermal Discharging
UPP084	1060	'6606874_/_6612012'	1.63	3.33	3.33	0.73	0.3	3.33	1.51 No	0.3	Element Fault
UPP084	1061	'6610989_/_6610986'	2.1	3.33	3.33	0.06	0.3	3.33	1.74 No	0.06	Thermal Discharging
UPP084	1062	'43922255_/_6460699'	1.73	3.33	3.33	0.04	1	3.33	1.51 No	0.04	Thermal Discharging
UPP084	1063	'6618992_/_6618989'	1.6	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5	Element Fault
UPP084	1064	'6465453_/_6465463'	2.13	3.33	3.33	0.06	0.2	3.33	1.74 No	0.06	Thermal Discharging
UPP084	1065	'6458671_/_6458776'	2.1	3.33	3.33	0.05	1	3.33	1.51 No	0.05	Thermal Discharging
UPP084	1066	'6455987_/_6455984'	4.1	10	10	2.2	1.6	10	4.52 No	1.6	Element Fault
UPP084	1067	'6456264_/_6456261'	1.53	3.33	3.33	0.73	0.3	3.33	1.51 No	0.3	Element Fault
UPP084	1068	'6480891_/_6480889'	1.63	3.33	3.33	0.73	0.33	3.33	1.51 No	0.33	Element Fault
UPP084	1069	'6473123_/_6473146'	2.73	3.33	3.33	0.05	1.1	3.33	1.51 No	0.05	Thermal Discharging
UPP084	1070	'6611660_/_6611657'	1.73	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5	Element Fault
UPP084	1071	'6456131_/_6456128'	1.37	3.33	3.33	0.73	0.3	3.33	1.51 No	0.3	Element Fault
UPP084	1072	'43921203_/_6457317'	1.47	3.33	3.33	0.03	1	3.33	1.51 No	0.03	Thermal Discharging
UPP084	1073	'6471071_/_6471068'	1.63	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5	Element Fault
UPP084	1074	'6479586_/_6479596'	2.07	3.33	3.33	0.06	0.2	3.33	1.74 No	0.06	Thermal Discharging
UPP084	1075	'6615379_/_6616706'	1.73	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5	Element Fault
UPP084	1076	'6471771_/_6471769'	1.37	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5	Element Fault
UPP084	1077	'6455926_/_6455924'	1.57	3.33	3.33	0.73	0.3	3.33	1.51 No	0.3	Element Fault
UPP084	1078	'6611294_/_43952349'	1.43	3.33	3.33	0.73	0.3	3.33	1.51 No	0.3	Element Fault
UPP084	1079	'43954522_/_6623417'	1.53	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5	Element Fault
UPP084	1080	'6457466_/_6457476'	1.6	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5	Element Fault
UPP084	1081	'6480820_/_6480818'	4.6	10	10	2.2	1	10	4.52 No	1	Element Fault
UPP084	1082	'6465440_/_6465437'	1.67	3.33	3.33	0.04	1	3.33	1.51 No	0.04	Thermal Discharging
UPP084	1083	'43920579_/_6456004'	4	10	10	2.2	1.6	10	4.52 No	1.6	Element Fault
UPP084	1084	'6620298_/_6620296_2'	1.7	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5	Element Fault
UPP084	1085	'6619529_/_6619527'	1.7	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5	Element Fault
UPP084	1086	'6458672_/_6458669'	2.13	3.33	3.33	0.05	1	3.33	1.51 No	0.05	Thermal Discharging
UPP084	1087	'6458931_/_6458928'	2.27	3.33	3.33	0.05	1	3.33	1.51 No	0.05	Thermal Discharging
UPP084	1088	'6465452_/_43924647'	2.03	3.33	3.33	0.06	0.2	3.33	1.74 No	0.06	Thermal Discharging
UPP084	1089	'43954202_/_6620296_1'	1.7	3.33	3.33	0.73	0.3	3.33	1.51 No	0.3	Element Fault
UPP084	1090	'6456007_/_9030455_2'	3.9	10	10	2.2	1.6	10	4.52 No	1.6	Element Fault
UPP084	1091	'6618771_/_6618768'	1.53	3.33	3.33	0.73	0.3	3.33	1.51 No	0.3	Element Fault
UPP084	1092	'6616005_/_43953444'	1.6	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5	Element Fault
UPP084	1093	'6458219_/_6464010'	1.6	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5	Element Fault
UPP084	1094	'6460780_/_6460790'	1.63	3.33	3.33	0.04	1	3.33	1.51 No	0.04	Thermal Discharging
UPP084	1095	'6456143_/_6456141'	1.37	3.33	3.33	0.73	0.3	3.33	1.51 No	0.3	Element Fault
UPP084	1096	'6473110_/_6473120'	2.47	3.33	3.33	0.05	1.1	3.33	1.51 No	0.05	Thermal Discharging
UPP084	1097	'6458710_/_6471081_1'	1.53	3.33	3.33	0.05	1	3.33	1.51 No	0.05	Thermal Discharging
UPP084	1098	'6611002_/_6610999'	1.93	3.33	3.33	0.06	0.3	3.33	1.74 No	0.06	Thermal Discharging
UPP084	1099	'43924785_/_43924787'	1.57	3.33	3.33	0.73	0.33	3.33	1.51 No	0.33	Element Fault
UPP084	1100	'6606875_/_6606872'	1.57	3.33	3.33	0.73	0.3	3.33	1.51 No	0.3	Element Fault
UPP084	1101	'43921832_/_43921834'	2.33	3.33	3.33	0.05	1	3.33	1.51 No	0.05	Thermal Discharging
UPP084	1102	'6456277_/_6456274'	1.57	3.33	3.33	0.73	0.3	3.33	1.51 No	0.3	Element Fault
UPP084	1103	'43924796_/_6482334'	1.53	3.33	3.33	0.73	0.33	3.33	1.51 No	0.33	Element Fault
UPP084	1104	'6458740_/_6458750'	1.93	3.33	3.33	0.05	1	3.33	1.51 No	0.05	Thermal Discharging
UPP084	1105	'43953563_/_6619002'	1.5	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5	Element Fault
UPP084	1106	'6457453_/_6457463'	1.57	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5	Element Fault
UPP084	1107	'43953383_/_43953385'	1.63	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5	Element Fault
UPP084	1108	'6479573_/_6479583'	1.93	3.33	3.33	0.06	0.2	3.33	1.74 No	0.06	Thermal Discharging
UPP084	1109	'6616839_/_6620309'	1.63	3.33	3.33	0.73	0.3	3.33	1.51 No	0.3	Element Fault
UPP084	1110	'9030458_/_9030455_1'	3.8	10	10	2.2	1	10	4.52 No	1	Element Fault
UPP084	1111	'518476573_/_518476562_2'	1.9	3.33	3.33	0.06	0.1	3.33	1.74 No	0.06	Thermal Discharging
UPP084	1112	'43921876_/_6473159'	2.33	3.33	3.33	0.05	1	3.33	1.51 No	0.05	Thermal Discharging
UPP084	1113	'6458944_/_6458941'	2.13	3.33	3.33	0.05	1	3.33	1.51 No	0.05	Thermal Discharging
UPP084	1114	'57385092_/_6482271'	1.5	3.33	3.33	0.73	0.33	3.33	1.51 No	0.33	Element Fault
UPP084	1115	'6457320_/_43921205'	1.37	3.33	3.33	0.03	1	3.33	1.51 No	0.03	Thermal Discharging
UPP084	1116	'6618784_/_6618781'	1.47	3.33	3.33	0.73	0.3	3.33	1.51 No	0.3	Element Fault

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
UPP084	1117	'6480874_/_6483770'		4.3	10	10	2.2	1	10	4.52 No	1 Element Fault
UPP084	1118	'43922312_/_6484269'		1.57	3.33	3.33	0.04	1	3.33	1.51 No	0.04 Thermal Discharging
UPP084	1119	'6458685_/_6458682'		2.1	3.33	3.33	0.05	1	3.33	1.51 No	0.05 Thermal Discharging
UPP084	1120	'6623420_/_43954524'		1.43	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPP084	1121	'6482260_/_6482258'		1.5	3.33	3.33	0.73	0.33	3.33	1.51 No	0.33 Element Fault
UPP084	1122	'6458220_/_6458217'		1.5	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPP084	1123	'57385099_/_57385096'		1.5	3.33	3.33	0.73	0.33	3.33	1.51 No	0.33 Element Fault
UPP084	1124	'6456169_/_6456154'		1.37	3.33	3.33	0.73	0.3	3.33	1.51 No	0.3 Element Fault
UPP084	1125	'6479544_/_6479570'		1.83	3.33	3.33	0.06	0.2	3.33	1.74 No	0.06 Thermal Discharging
UPP084	1126	'6619225_/_6619222'		1.5	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPP084	1127	'6615378_/_6615376'		1.57	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPP084	1128	'6460767_/_6460777'		1.53	3.33	3.33	0.04	1	3.33	1.51 No	0.04 Thermal Discharging
UPP084	1129	'6616852_/_6616849'		1.6	3.33	3.33	0.73	0.3	3.33	1.51 No	0.3 Element Fault
UPP084	1130	'43921865_/_43921867'		2.2	3.33	3.33	0.05	1.1	3.33	1.51 No	0.05 Thermal Discharging
UPP084	1131	'6456039_/_7109985'		1.47	3.33	3.33	0.73	0.3	3.33	1.51 No	0.3 Element Fault
UPP084	1132	'6459038_/_6459048'		2.13	3.33	3.33	0.05	1	3.33	1.51 No	0.05 Thermal Discharging
UPP084	1133	'6616838_/_6616836'		1.57	3.33	3.33	0.73	0.3	3.33	1.51 No	0.3 Element Fault
UPP084	1134	'6479557_/_6479554'		1.83	3.33	3.33	0.06	0.2	3.33	1.74 No	0.06 Thermal Discharging
UPP084	1135	'6458727_/_6458737'		1.77	3.33	3.33	0.05	1	3.33	1.51 No	0.05 Thermal Discharging
UPP084	1136	'6619018_/_43953565'		1.43	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPP084	1137	'6460766_/_6460764'		1.53	3.33	3.33	0.04	1	3.33	1.51 No	0.04 Thermal Discharging
UPP084	1138	'6456040_/_6456037'		1.47	3.33	3.33	0.73	0.3	3.33	1.51 No	0.3 Element Fault
UPP084	1139	'43953464_/_6618794'		1.43	3.33	3.33	0.73	0.3	3.33	1.51 No	0.3 Element Fault
UPP084	1140	'6458698_/_6458695'		2	3.33	3.33	0.05	1	3.33	1.51 No	0.05 Thermal Discharging
UPP084	1141	'6473174_/_43921878'		2.13	3.33	3.33	0.05	1	3.33	1.51 No	0.05 Thermal Discharging
UPP084	1142	'6483582_/_6483750'		4.1	10	10	2.2	1	10	4.52 No	1 Element Fault
UPP084	1143	'6457452_/_43921249'		1.47	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPP084	1144	'6460834_/_6484282'		1.5	3.33	3.33	0.04	1	3.33	1.51 No	0.04 Thermal Discharging
UPP084	1145	'6619371_/_6619368'		1.43	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPP084	1146	'53971792_/_6484676'		1.43	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPP084	1147	'6619443_/_6619441'		1.5	3.33	3.33	0.73	0.3	3.33	1.51 No	0.3 Element Fault
UPP084	1148	'6479531_/_43920705'		1.73	3.33	3.33	0.06	0.2	3.33	1.74 No	0.06 Thermal Discharging
UPP084	1149	'6484886_/_6484883'		1.73	3.33	3.33	0.06	0.2	3.33	1.74 No	0.06 Thermal Discharging
UPP084	1150	'6456170_/_6456167'		1.4	3.33	3.33	0.73	0.3	3.33	1.51 No	0.3 Element Fault
UPP084	1151	'45188841_/_6473091'		2.03	3.33	3.33	0.05	1.1	3.33	1.51 No	0.05 Thermal Discharging
UPP084	1152	'6456471_/_6456468'		1.4	3.33	3.33	0.73	0.3	3.33	1.51 No	0.3 Element Fault
UPP084	1153	'43921777_/_6458724'		1.7	3.33	3.33	0.05	1	3.33	1.51 No	0.05 Thermal Discharging
UPP084	1154	'6480795_/_6483579'		1.33	3.33	3.33	0.73	0.33	3.33	1.51 No	0.33 Element Fault
UPP084	1155	'6483595_/_6483592'		4	10	10	2.2	1	10	4.52 No	1 Element Fault
UPP084	1156	'6619238_/_6619235'		1.43	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPP084	1157	'6459025_/_6459035'		1.97	3.33	3.33	0.05	1	3.33	1.51 No	0.05 Thermal Discharging
UPP084	1158	'6456053_/_6456050'		1.4	3.33	3.33	0.73	0.3	3.33	1.51 No	0.3 Element Fault
UPP084	1159	'6480808_/_6480805'		1.3	3.33	3.33	0.73	0.33	3.33	1.51 No	0.33 Element Fault
UPP084	1160	'6480779_/_6480792'		1.3	3.33	3.33	0.73	0.33	3.33	1.51 No	0.33 Element Fault
UPP084	1161	'6473175_/_6473172'		1.97	3.33	3.33	0.05	1	3.33	1.51 No	0.05 Thermal Discharging
UPP084	1162	'6619031_/_6619028'		1.37	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPP084	1163	'6479518_/_6479528'		1.67	3.33	3.33	0.06	0.2	3.33	1.74 No	0.06 Thermal Discharging
UPP084	1164	'6456066_/_6456063'		1.37	3.33	3.33	0.73	0.3	3.33	1.51 No	0.3 Element Fault
UPP084	1165	'6619387_/_6619384'		1.4	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPP084	1166	'6456921_/_6456918'		1.37	3.33	3.33	0.73	0.3	3.33	1.51 No	0.3 Element Fault
UPP084	1167	'6618810_/_43953466'		1.33	3.33	3.33	0.73	0.3	3.33	1.51 No	0.3 Element Fault
UPP084	1168	'6460835_/_6460832'		1.43	3.33	3.33	0.04	1	3.33	1.51 No	0.04 Thermal Discharging
UPP084	1169	'43921491_/_6481255'		1.3	3.33	3.33	0.73	0.33	3.33	1.51 No	0.33 Element Fault
UPP084	1170	'6456183_/_6456180'		1.37	3.33	3.33	0.73	0.3	3.33	1.51 No	0.3 Element Fault
UPP084	1171	'43921821_/_43921823'		1.83	3.33	3.33	0.05	1	3.33	1.51 No	0.05 Thermal Discharging
UPP084	1172	'6619251_/_6619248'		1.33	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPP084	1173	'43952513_/_7109998'		1.33	3.33	3.33	0.73	0.3	3.33	1.51 No	0.3 Element Fault
UPP084	1174	'43953552_/_6619041'		1.3	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPP084	1175	'6456196_/_6456193'		1.33	3.33	3.33	0.73	0.3	3.33	1.51 No	0.3 Element Fault
UPP084	1176	'43921490_/_6482129'		1.27	3.33	3.33	0.73	0.33	3.33	1.51 No	0.33 Element Fault
UPP084	1177	'6619400_/_6619397'		1.33	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPP084	1178	'6480778_/_6480776'		1.23	3.33	3.33	0.73	0.33	3.33	1.51 No	0.33 Element Fault
UPP084	1179	'6481358_/_6479515'		1.6	3.33	3.33	0.06	0.2	3.33	1.74 No	0.06 Thermal Discharging
UPP084	1180	'43921887_/_6473185'		1.83	3.33	3.33	0.05	1	3.33	1.51 No	0.05 Thermal Discharging
UPP084	1181	'43922323_/_6460845'		1.37	3.33	3.33	0.04	1	3.33	1.51 No	0.04 Thermal Discharging
UPP084	1182	'6623758_/_6623755'		1.3	3.33	3.33	0.73	0.3	3.33	1.51 No	0.3 Element Fault
UPP084	1183	'6456209_/_6456206'		1.3	3.33	3.33	0.73	0.3	3.33	1.51 No	0.3 Element Fault
UPP084	1184	'6606888_/_6606885'		1.3	3.33	3.33	0.73	0.3	3.33	1.51 No	0.3 Element Fault
UPP084	1185	'6458999_/_6459009'		1.73	3.33	3.33	0.05	1	3.33	1.51 No	0.05 Thermal Discharging
UPP084	1186	'6619264_/_6619261'		1.3	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPP084	1187	'6619057_/_43953554'		1.27	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPP084	1188	'6483555_/_6483553'		1.2	3.33	3.33	0.73	0.33	3.33	1.51 No	0.33 Element Fault
UPP084	1189	'6473201_/_6473198'		1.73	3.33	3.33	0.05	1	3.33	1.51 No	0.05 Thermal Discharging
UPP084	1190	'43954658_/_6623768'		1.23	3.33	3.33	0.73	0.3	3.33	1.51 No	0.3 Element Fault
UPP084	1191	'43920648_/_6464421'		1.27	3.33	3.33	0.73	0.3	3.33	1.51 No	0.3 Element Fault
UPP084	1192	'6460861_/_43922325'		1.3	3.33	3.33	0.04	1	3.33	1.51 No	0.04 Thermal Discharging
UPP084	1193	'43921810_/_6458996'		1.63	3.33	3.33	0.05	1	3.33	1.51 No	0.05 Thermal Discharging
UPP084	1194	'6606901_/_6606898'		1.23	3.33	3.33	0.73	0.3	3.33	1.51 No	0.3 Element Fault
UPP084	1195	'6473214_/_6473211'		1.63	3.33	3.33	0.05	1	3.33	1.51 No	0.05 Thermal Discharging
UPP084	1196	'6616087_/_6619274'		1.23	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPP084	1197	'6464424_/_43920650'		1.2	3.33	3.33	0.73	0.3	3.33	1.51 No	0.3 Element Fault
UPP084	1198	'6606914_/_6606911'		1.2	3.33	3.33	0.73	0.3	3.33	1.51 No	0.3 Element Fault
UPP084	1199	'6618822_/_6623430'		1.2	3.33	3.33	0.73	0.3	3.33	1.51 No	0.3 Element Fault
UPP084	1200	'6460874_/_6460871'		1.23	3.33	3.33	0.04	1	3.33	1.51 No	0.04 Thermal Discharging
UPP084	1201	'6458982_/_6458980'		1.57	3.33	3.33	0.05	1	3.33	1.51 No	0.05 Thermal Discharging
UPP084	1202	'6419877_/_6460884'		1.2	3.33	3.33	0.04	1	3.33	1.51 No	0.04 Thermal Discharging
UPP084	1203	'43953475_/_6618820'		1.13	3.33	3.33	0.73	0.3	3.33	1.51 No	0.3 Element Fault
UPP084	1204	'6471096_/_6471094'		1.5	3.33	3.33	0.05	1	3.33	1.51 No	0.05 Thermal Discharging
UPP084	1205	'6616088_/_6616085'		1.17	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPP084	1206	'43954072_/_6616124'		1.17	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPP084	1207	'6618290_/_43953477'		1.1	3.33	3.33	0.73	0.3	3.33	1.51 No	0.3 Element Fault
UPP084	1208	'6616127_/_43954074'		1.13	3.33	3.33	0.73	0.3	3.33	1.51 No	0.3 Element Fault
UPP084	1209	'43954061_/_6616098'		1.13	3.33	3.33	0.73	0.5	3.33	1.51 No	0.5 Element Fault
UPP084	1210	'6618291_/_6618288'		1.1	3.33	3.33	0.73	0.3	3.33	1.51 No	0.3 Element Fault

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
UPP084	1211	'43953574_/6618301'		1.03	3.2	3.33	0.73	0.3	3.33	1.51 No	0.3 Element Fault
UPP084	1212	'9662767_/9662764'		1.03	3.23	3.33	0.73	0.3	3.33	1.51 No	0.3 Element Fault
UPP084	1213	'6618317_/6618314'		1.03	3.13	3.33	0.73	0.3	3.33	1.51 No	0.3 Element Fault
UPP084	1214	'6618330_/6618327'		1	3.07	3.33	0.73	0.3	3.33	1.51 No	0.3 Element Fault
UPP085	0	'UPP085_/509629638'		10	10	10	1.93	10	10	10 No	1.93 Thermal Discharging
UPP085	1	'7779023_/509629638'		10	10	10	1.93	10	10	5.46 No	1.93 Thermal Discharging
UPP085	2	'58113093_/509629684'		10	10	10	1.93	10	10	5.46 No	1.93 Thermal Discharging
UPP085	3	'58113122_/509629713'		10	10	10	1.93	10	10	5.46 No	1.93 Thermal Discharging
UPP085	4	'58113107_/509629741'		10	10	10	1.93	10	10	5.46 No	1.93 Thermal Discharging
UPP085	5	'58113385_/509629775'		10	10	10	1.93	10	10	5.46 No	1.93 Thermal Discharging
UPP085	6	'58113360_/509629802'		10	10	10	1.93	10	10	5.46 No	1.93 Thermal Discharging
UPP085	7	'58113335_/509629840'		10	10	10	1.93	10	10	5.46 No	1.93 Thermal Discharging
UPP085	8	'58113310_/509629885'		10	10	10	1.93	10	10	5.46 No	1.93 Thermal Discharging
UPP085	9	'58113285_/509629912'		10	10	10	1.93	10	10	5.46 No	1.93 Thermal Discharging
UPP085	10	'58113260_/509629940'		10	10	10	1.93	10	10	5.46 No	1.93 Thermal Discharging
UPP085	11	'58113235_/509629968'		10	10	10	1.93	10	10	5.46 No	1.93 Thermal Discharging
UPP085	12	'58113210_/509629996'		10	10	10	1.93	10	10	5.46 No	1.93 Thermal Discharging
UPP085	13	'58113185_/509630023'		10	10	10	1.93	10	10	5.46 No	1.93 Thermal Discharging
UPP085	14	'9034793_/509630051'		10	10	10	1.93	10	10	5.46 No	1.93 Thermal Discharging
UPP085	15	'9349996_/509630079'		10	10	10	1.93	10	10	5.46 No	1.93 Thermal Discharging
UPP085	16	'7887888_/509630117'		10	10	10	1.93	10	10	5.46 No	1.93 Thermal Discharging
UPP085	17	'509630119_/509630159_2'		10	10	10	1.93	10	10	5.46 No	1.93 Thermal Discharging
UPP085	18	'7887887_/509630159_1'		10	10	10	1.93	10	10	5.46 No	1.93 Thermal Discharging
UPP085	19	'8090332_/509630189'		10	10	10	1.93	10	10	5.46 No	1.93 Thermal Discharging
UPP085	20	'9034757_/509630217'		10	10	10	1.93	10	10	5.46 No	1.93 Thermal Discharging
UPP085	21	'8454339_/509630245'		10	10	10	1.93	10	10	5.46 No	1.93 Thermal Discharging
UPP085	22	'8454338_/509630273'		10	10	10	1.93	10	10	5.46 No	1.93 Thermal Discharging
UPP085	23	'7888133_/509630301'		10	10	10	1.93	10	10	5.46 No	1.93 Thermal Discharging
UPP085	24	'7888134_/509630329'		10	10	10	1.93	10	10	5.46 No	1.93 Thermal Discharging
UPP085	25	'7769318_/509630357'		10	10	10	1.93	10	10	5.46 No	1.93 Thermal Discharging
UPP085	26	'7769317_/509630385'		10	10	10	1.93	10	10	5.46 No	1.93 Thermal Discharging
UPP085	27	'7456018_/7456016_1'		10	10	10	1.93	10	10	5.46 No	1.93 Thermal Discharging
UPP085	28	'6631263_/7456016_2'		10	10	10	1.93	10	10	5.46 No	1.93 Thermal Discharging
UPP085	29	'6630844_/6631261'		10	10	10	1.93	10	10	5.46 No	1.93 Thermal Discharging
UPP085	30	'6639322_/6639320'		10	10	10	1.93	10	10	5.46 No	1.93 Thermal Discharging
UPP085	31	'6630827_/6630841'		10	10	10	1.93	10	10	5.46 No	1.93 Thermal Discharging
UPP085	32	'6631247_/6631244'		10	10	10	1.93	10	10	5.46 No	1.93 Thermal Discharging
UPP085	33	'43956519_/6634327'		10	10	10	1.93	10	10	5.46 No	1.93 Thermal Discharging
UPP085	34	'6639664_/6639661'		10	10	10	1.93	10	10	5.46 No	1.93 Thermal Discharging
UPP085	35	'43955594_/43955596'		10	10	10	1.93	10	10	5.46 No	1.93 Thermal Discharging
UPP085	36	'6634347_/6634344'		10	10	10	1.93	10	10	5.46 No	1.93 Thermal Discharging
UPP085	37	'6642661_/6642659_1'		10	10	10	1.93	10	10	5.46 No	1.93 Thermal Discharging
UPP085	38	'6639573_/6639678'		10	10	10	1.93	10	10	5.46 No	1.93 Thermal Discharging
UPP085	39	'43955581_/43955583'		10	10	10	1.93	10	10	5.46 No	1.93 Thermal Discharging
UPP085	40	'43957958_/6642659_2'		10	10	10	1.93	10	10	5.46 No	1.93 Thermal Discharging
UPP085	41	'6631212_/6639644'		10	10	10	1.93	10	10	5.46 No	1.93 Thermal Discharging
UPP085	42	'6632189_/6632203'		10	10	10	1.93	10	10	5.46 No	1.93 Thermal Discharging
UPP085	43	'6634364_/43957960'		10	10	10	1.93	10	10	5.46 No	1.93 Thermal Discharging
UPP085	44	'6634381_/6634378'		10	10	10	1.93	10	10	5.46 No	1.93 Thermal Discharging
UPP085	45	'6639588_/6639598_1'		3.33	3.33	3.33	0.64	0.5	3.33	1.82 No	0.5 Element Fault
UPP085	46	'6634398_/6634395'		10	10	10	1.93	10	10	5.46 No	1.93 Thermal Discharging
UPP085	47	'6631213_/6631210'		10	10	10	1.93	10	10	5.46 No	1.93 Thermal Discharging
UPP085	48	'43955568_/6632186'		10	10	10	1.93	10	10	5.46 No	1.93 Thermal Discharging
UPP085	49	'6627498_/6631227'		10	10	10	1.93	10	10	5.46 No	1.93 Thermal Discharging
UPP085	50	'50345344_/43958128_2'		6.67	6.67	6.67	1.29	2.2	6.67	3.64 No	1.29 Thermal Discharging
UPP085	51	'43956532_/6638961'		10	10	10	1.93	10	10	5.46 No	1.93 Thermal Discharging
UPP085	52	'488013244_/6638924_2'		10	10	10	1.93	4.7	10	5.46 No	1.93 Thermal Discharging
UPP085	53	'6630776_/6630790'		10	10	10	1.93	10	10	5.46 No	1.93 Thermal Discharging
UPP085	54	'6639357_/6639354'		10	10	10	1.93	10	10	5.46 No	1.93 Thermal Discharging
UPP085	55	'43955555_/43955557'		10	10	10	1.93	10	10	5.46 No	1.93 Thermal Discharging
UPP085	56	'6634415_/6634412'		10	10	10	1.93	10	10	5.46 No	1.93 Thermal Discharging
UPP085	57	'6631195_/6639371'		10	10	10	1.93	10	10	5.46 No	1.93 Thermal Discharging
UPP085	58	'6627979_/6627977_1'		3.33	3.33	3.33	0.64	0.5	3.33	1.82 No	0.5 Element Fault
UPP085	59	'6627497_/6642829_1'		3.33	3.33	3.33	0.64	0.5	3.33	1.82 No	0.5 Element Fault
UPP085	60	'6630742_/6630756'		10	10	10	1.93	10	10	5.46 No	1.93 Thermal Discharging
UPP085	61	'6628263_/6634429'		10	10	10	1.93	10	10	5.46 No	1.93 Thermal Discharging
UPP085	62	'6634449_/6634446'		10	10	10	1.93	10	10	5.46 No	1.93 Thermal Discharging
UPP085	63	'6627511_/6631193'		10	10	10	1.93	10	10	5.46 No	1.93 Thermal Discharging
UPP085	64	'6628264_/6628279_1'		6.67	6.67	6.67	1.29	0.9	6.67	3.64 No	0.9 Element Fault
UPP085	65	'43955542_/6630739'		10	10	10	1.93	10	10	5.46 No	1.93 Thermal Discharging
UPP085	66	'6627478_/6627475_2'		10	10	10	1.93	3.3	10	5.46 No	1.93 Thermal Discharging
UPP085	67	'6631104_/6631173'		10	10	10	1.93	10	10	5.46 No	1.93 Thermal Discharging
UPP085	68	'43956545_/6634463'		10	10	10	1.93	10	10	5.46 No	1.93 Thermal Discharging
UPP085	69	'6638909_/6638924_1'		10	10	10	1.93	2.4	10	5.46 No	1.93 Thermal Discharging
UPP085	70	'6630708_/6630722'		10	10	10	1.93	10	10	5.46 No	1.93 Thermal Discharging
UPP085	71	'6627644_/6627659_1'		10	10	10	1.93	1.5	10	5.46 No	1.5 Element Fault
UPP085	72	'6631105_/6631102'		10	10	10	1.93	10	10	5.46 No	1.93 Thermal Discharging
UPP085	73	'43958126_/43958128_1'		6.67	6.67	6.67	1.29	1	6.67	3.64 No	1 Element Fault
UPP085	74	'6639083_/6639080'		10	10	10	1.93	10	10	5.46 No	1.93 Thermal Discharging
UPP085	75	'6626768_/6631119'		10	10	10	1.93	10	10	5.46 No	1.93 Thermal Discharging
UPP085	76	'6630691_/6630705'		10	10	10	1.93	10	10	5.46 No	1.93 Thermal Discharging
UPP085	77	'6634482_/6639097'		10	10	10	1.93	10	10	5.46 No	1.93 Thermal Discharging
UPP085	78	'43955529_/43955531'		10	10	10	1.93	10	10	5.46 No	1.93 Thermal Discharging
UPP085	79	'6631883_/6639598_2'		3.33	3.33	3.33	0.64	0.5	3.33	1.82 No	0.5 Element Fault
UPP085	80	'6631087_/6631136'		10	10	10	1.93	10	10	5.46 No	1.93 Thermal Discharging
UPP085	81	'6630673_/6630671'		10	10	10	1.93	10	10	5.46 No	1.93 Thermal Discharging
UPP085	82	'6626665_/526774439_1'		6.67	6.67	6.67	1.29	1	6.67	3.64 No	1 Element Fault
UPP085	83	'6631053_/6631085'		10	10	10	1.93	10	10	5.46 No	1.93 Thermal Discharging
UPP085	84	'43956558_/6634480'		10	10	10	1.93	10	10	5.46 No	1.93 Thermal Discharging
UPP085	85	'6626767_/43955825_2'		3.33	3.33	3.33	0.64	1	3.33	1.82 No	0.64 Thermal Discharging
UPP085	86	'6633858_/6633872'		10	10	10	1.93	10	10	5.46 No	1.93 Thermal Discharging
UPP085	87	'465452411_/465452360_2'		10	10	10	1.93	1.1	10	5.46 No	1.1 Element Fault
UPP085	88	'6629041_/6634619'		10	10	10	1.93	10	10	5.46 No	1.93 Thermal Discharging
UPP085	89	'6628282_/6628279_2'		6.67	6.67	6.67	1.29	0.9	6.67	3.64 No	0.9 Element Fault

Feeder Name	Feeder ID	Node	Primary Over- Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
UPP085	90	'6626795_/_6631051'		10	10	10	1.93	10	10	5.46 No	1.93 Thermal Discharging
UPP085	91	'470582324_/_6638403_2'		3.33	3.33	3.33	0.64	1.1	3.33	1.82 No	0.64 Thermal Discharging
UPP085	92	'43956405_/_6627977_2'		3.33	3.33	3.33	0.64	0.5	3.33	1.82 No	0.5 Element Fault
UPP085	93	'43955516_/_6633855'		10	10	10	1.93	10	10	5.46 No	1.93 Thermal Discharging
UPP085	94	'6634659_/_6634656'		10	10	10	1.93	10	10	5.46 No	1.93 Thermal Discharging
UPP085	95	'6631037_/_6631068'		10	10	10	1.93	10	10	5.46 No	1.93 Thermal Discharging
UPP085	96	'6633821_/_6633835_2'		10	10	10	1.93	10	10	5.46 No	1.93 Thermal Discharging
UPP085	97	'6642819_/_6642829_2'		3.33	3.33	3.33	0.64	0.5	3.33	1.82 No	0.5 Element Fault
UPP085	98	'6628884_/_6639611'		6.67	6.67	6.67	1.29	1	6.67	3.64 No	1 Element Fault
UPP085	99	'43955501_/_6633835_1'		10	10	10	1.93	1.4	10	5.46 No	1.4 Element Fault
UPP085	100	'6634516_/_6634690'		10	10	10	1.93	10	10	5.46 No	1.93 Thermal Discharging
UPP085	101	'6626796_/_6626822_2'		3.33	3.33	3.33	0.64	1.1	3.33	1.82 No	0.64 Thermal Discharging
UPP085	102	'6629013_/_6629010_2'		3.33	3.33	3.33	0.64	1.5	3.33	1.82 No	0.64 Thermal Discharging
UPP085	103	'6638893_/_6638907'		10	10	10	1.93	2.4	10	5.46 No	1.93 Thermal Discharging
UPP085	104	'6631036_/_6631034'		10	10	10	1.93	10	10	5.46 No	1.93 Thermal Discharging
UPP085	105	'718149082_/_718148918_1'		10	10	10	1.93	1.5	10	5.46 No	1.5 Element Fault
UPP085	106	'6628819_/_6633946'		10	10	10	1.93	10	10	5.46 No	1.93 Thermal Discharging
UPP085	107	'6631020_/_6638416'		10	10	10	1.93	10	10	5.46 No	1.93 Thermal Discharging
UPP085	108	'6634517_/_6634514'		10	10	10	1.93	10	10	5.46 No	1.93 Thermal Discharging
UPP085	109	'43956371_/_6627659_2'		10	10	10	1.93	1.5	10	5.46 No	1.5 Element Fault
UPP085	110	'6626666_/_526774439_2'		6.67	6.67	6.67	1.29	1	6.67	3.64 No	1 Element Fault
UPP085	111	'6631000_/_6631017'		10	10	10	1.93	10	10	5.46 No	1.93 Thermal Discharging
UPP085	112	'6634537_/_6634534'		10	10	10	1.93	10	10	5.46 No	1.93 Thermal Discharging
UPP085	113	'6633969_/_6633966'		10	10	10	1.93	10	10	5.46 No	1.93 Thermal Discharging
UPP085	114	'6627461_/_6627475_1'		10	10	10	1.93	1.6	10	5.46 No	1.6 Element Fault
UPP085	115	'718148936_/_718148918_2'		10	10	10	1.93	1.5	10	5.46 No	1.5 Element Fault
UPP085	116	'43955823_/_43955825_1'		3.33	3.33	3.33	0.64	0.5	3.33	1.82 No	0.5 Element Fault
UPP085	117	'6630983_/_6630997'		10	10	10	1.93	10	10	5.46 No	1.93 Thermal Discharging
UPP085	118	'7769242_/_465452360_1'		10	10	10	1.93	1.1	10	5.46 No	1.1 Element Fault
UPP085	119	'6633988_/_6638453'		10	10	10	1.93	10	10	5.46 No	1.93 Thermal Discharging
UPP085	120	'43956582_/_6634551'		10	10	10	1.93	10	10	5.46 No	1.93 Thermal Discharging
UPP085	121	'43956055_/_6630980'		10	10	10	1.93	10	10	5.46 No	1.93 Thermal Discharging
UPP085	122	'6628820_/_6628817_1'		6.67	6.67	6.67	1.29	0.9	6.67	3.64 No	0.9 Element Fault
UPP085	123	'6628780_/_6629010_1'		3.33	3.33	3.33	0.64	0.5	3.33	1.82 No	0.5 Element Fault
UPP085	124	'6630949_/_6630963_2'		10	10	10	1.93	10	10	5.46 No	1.93 Thermal Discharging
UPP085	125	'6631884_/_6631881'		3.33	3.33	3.33	0.64	0.5	3.33	1.82 No	0.5 Element Fault
UPP085	126	'6626878_/_6633986'		10	10	10	1.93	10	10	5.46 No	1.93 Thermal Discharging
UPP085	127	'6634571_/_6634568'		10	10	10	1.93	10	10	5.46 No	1.93 Thermal Discharging
UPP085	128	'43956042_/_6630963_1'		10	10	10	1.93	10	10	5.46 No	1.93 Thermal Discharging
UPP085	129	'6628297_/_6628294'		6.67	6.67	6.67	1.29	0.9	6.67	3.64 No	0.9 Element Fault
UPP085	130	'6628869_/_6628881'		6.67	6.67	6.67	1.29	1	6.67	3.64 No	1 Element Fault
UPP085	131	'43956767_/_6638403_1'		3.33	3.33	3.33	0.64	0.5	3.33	1.82 No	0.5 Element Fault
UPP085	132	'43956101_/_6628817_2'		6.67	6.67	6.67	1.29	0.9	6.67	3.64 No	0.9 Element Fault
UPP085	133	'43956028_/_43956030'		10	10	10	1.93	10	10	5.46 No	1.93 Thermal Discharging
UPP085	134	'6626858_/_43956166_2'		10	10	10	1.93	4.5	10	5.46 No	1.93 Thermal Discharging
UPP085	135	'6626684_/_526774423'		6.67	6.67	6.67	1.29	1	6.67	3.64 No	1 Element Fault
UPP085	136	'6634588_/_6634585'		10	10	10	1.93	10	10	5.46 No	1.93 Thermal Discharging
UPP085	137	'43955607_/_6627371'		3.33	3.33	3.33	0.64	0.47	3.33	1.82 No	0.47 Element Fault
UPP085	138	'6630915_/_6630929'		10	10	10	1.93	10	10	5.46 No	1.93 Thermal Discharging
UPP085	139	'6638847_/_6638890'		10	10	10	1.93	2.4	10	5.46 No	1.93 Thermal Discharging
UPP085	140	'6627374_/_7456056_2'		3.33	3.33	3.33	0.64	0.47	3.33	1.82 No	0.47 Element Fault
UPP085	141	'6627680_/_6627677'		10	10	10	1.93	1.5	10	5.46 No	1.5 Element Fault
UPP085	142	'6626825_/_6626822_1'		3.33	3.33	3.33	0.64	0.4	3.33	1.82 No	0.4 Element Fault
UPP085	143	'43956015_/_6630912'		10	10	10	1.93	10	10	5.46 No	1.93 Thermal Discharging
UPP085	144	'6630897_/_6630895'		10	10	10	1.93	10	10	5.46 No	1.93 Thermal Discharging
UPP085	145	'43955718_/_6642816'		3.33	3.33	3.33	0.64	0.5	3.33	1.82 No	0.5 Element Fault
UPP085	146	'6627993_/_43956407'		3.33	3.33	3.33	0.64	0.5	3.33	1.82 No	0.5 Element Fault
UPP085	147	'7456059_/_7456056_1'		3.33	3.33	3.33	0.64	0.3	3.33	1.82 No	0.3 Element Fault
UPP085	148	'6626639_/_6631278'		10	10	10	1.93	10	10	5.46 No	1.93 Thermal Discharging
UPP085	149	'43956571_/_6628778'		3.33	3.33	3.33	0.64	0.5	3.33	1.82 No	0.5 Element Fault
UPP085	150	'43955764_/_6627458'		10	10	10	1.93	1.6	10	5.46 No	1.6 Element Fault
UPP085	151	'43955989_/_43955991'		10	10	10	1.93	10	10	5.46 No	1.93 Thermal Discharging
UPP085	152	'6631748_/_526774401_1'		6.67	6.67	6.67	1.29	1	6.67	3.64 No	1 Element Fault
UPP085	153	'43956164_/_43956166_1'		10	10	10	1.93	1.5	10	5.46 No	1.5 Element Fault
UPP085	154	'6626728_/_6632059'		6.67	6.67	6.67	1.29	0.9	6.67	3.64 No	0.9 Element Fault
UPP085	155	'6626627_/_6626624_2'		3.33	3.33	3.33	0.64	1.1	3.33	1.82 No	0.64 Thermal Discharging
UPP085	156	'6630864_/_6630878'		10	10	10	1.93	10	10	5.46 No	1.93 Thermal Discharging
UPP085	157	'43956113_/_6638436'		10	10	10	1.93	5.3	10	5.46 No	1.93 Thermal Discharging
UPP085	158	'6627695_/_6627692'		10	10	10	1.93	1.5	10	5.46 No	1.5 Element Fault
UPP085	159	'43957527_/_526774401_2'		6.67	6.67	6.67	1.29	1	6.67	3.64 No	1 Element Fault
UPP085	160	'6638846_/_6638844'		10	10	10	1.93	2.4	10	5.46 No	1.93 Thermal Discharging
UPP085	161	'43955856_/_43955858'		3.33	3.33	3.33	0.64	0.5	3.33	1.82 No	0.5 Element Fault
UPP085	162	'9034978_/_460497957'		10	10	10	1.93	1.1	10	5.46 No	1.1 Element Fault
UPP085	163	'488013198_/_488013185_1'		10	10	10	1.93	1.6	10	5.46 No	1.6 Element Fault
UPP085	164	'6626238_/_6626248'		3.33	3.33	3.33	0.64	0.5	3.33	1.82 No	0.5 Element Fault
UPP085	165	'6626640_/_6626650_1'		3.33	3.33	3.33	0.64	0.5	3.33	1.82 No	0.5 Element Fault
UPP085	166	'6630863_/_6630861'		10	10	10	1.93	10	10	5.46 No	1.93 Thermal Discharging
UPP085	167	'6631897_/_6631894'		3.33	3.33	3.33	0.64	0.5	3.33	1.82 No	0.5 Element Fault
UPP085	168	'6631953_/_43956115'		10	10	10	1.93	5.3	10	5.46 No	1.93 Thermal Discharging
UPP085	169	'6626837_/_6626835'		10	10	10	1.93	1.5	10	5.46 No	1.5 Element Fault
UPP085	170	'484593439_/_488013185_2'		10	10	10	1.93	1.6	10	5.46 No	1.6 Element Fault
UPP085	171	'6628854_/_6628866'		6.67	6.67	6.67	1.29	1	6.67	3.64 No	1 Element Fault
UPP085	172	'43955976_/_6635991'		10	10	10	1.93	10	10	5.46 No	1.93 Thermal Discharging
UPP085	173	'6634006_/_6634003'		10	10	10	1.93	5.3	10	5.46 No	1.93 Thermal Discharging
UPP085	174	'108753889_/_102198857_1'		3.33	3.33	3.33	0.64	0.4	3.33	1.82 No	0.4 Element Fault
UPP085	175	'108753877_/_6631950_3'		10	10	10	1.93	5.3	10	5.46 No	1.93 Thermal Discharging
UPP085	176	'6628238_/_6628235'		3.33	3.33	3.33	0.64	0.5	3.33	1.82 No	0.5 Element Fault
UPP085	177	'6626050_/_6642803'		3.33	3.33	3.33	0.64	0.5	3.33	1.82 No	0.5 Element Fault
UPP085	178	'6635960_/_6635974'		10	10	10	1.93	10	10	5.46 No	1.93 Thermal Discharging
UPP085	179	'6632077_/_6634883'		10	10	10	1.93	5.3	10	5.46 No	1.93 Thermal Discharging
UPP085	180	'6626698_/_526774379'		6.67	6.67	6.67	1.29	1	6.67	3.64 No	1 Element Fault
UPP085	181	'6635943_/_6635957'		10	10	10	1.93	10	10	5.46 No	1.93 Thermal Discharging
UPP085	182	'6634026_/_6634023'		10	10	10	1.93	5.3	10	5.46 No	1.93 Thermal Discharging
UPP085	183	'6631936_/_6631950_2'		10	10	10	1.93	2.8	10	5.46 No	1.93 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
UPP085	184	'6632078_/_6632108_1'	6.67	6.67	6.67	1.29	1	6.67	3.64 No	1	Element Fault
UPP085	185	'6626729_/_6626726'	3.33	3.33	3.33	0.64	0.45	3.33	1.82 No	0.45	Element Fault
UPP085	186	'6634046_/_6634043'	10	10	10	1.93	5.3	10	5.46 No	1.93	Thermal Discharging
UPP085	187	'43955963_/_6635940'	10	10	10	1.93	10	10	5.46 No	1.93	Thermal Discharging
UPP085	188	'43956151_/_6631950_1'	10	10	10	1.93	2.8	10	5.46 No	1.93	Thermal Discharging
UPP085	189	'6626653_/_6626650_2'	3.33	3.33	3.33	0.64	0.5	3.33	1.82 No	0.5	Element Fault
UPP085	190	'102198874_/_102198857_2'	3.33	3.33	3.33	0.64	0.4	3.33	1.82 No	0.4	Element Fault
UPP085	191	'6628006_/_6628003'	3.33	3.33	3.33	0.64	0.5	3.33	1.82 No	0.5	Element Fault
UPP085	192	'130088842_/_6635923_2'	10	10	10	1.93	10	10	5.46 No	1.93	Thermal Discharging
UPP085	193	'43956210_/_6634060'	10	10	10	1.93	5.3	10	5.46 No	1.93	Thermal Discharging
UPP085	194	'6626924_/_43956212'	10	10	10	1.93	5.3	10	5.46 No	1.93	Thermal Discharging
UPP085	195	'6626225_/_6626235'	3.33	3.33	3.33	0.64	0.5	3.33	1.82 No	0.5	Element Fault
UPP085	196	'6634097_/_6634094'	10	10	10	1.93	5.3	10	5.46 No	1.93	Thermal Discharging
UPP085	197	'6632155_/_6632169'	10	10	10	1.93	1.6	10	5.46 No	1.6	Element Fault
UPP085	198	'6626699_/_526774365'	6.67	6.67	6.67	1.29	1	6.67	3.64 No	1	Element Fault
UPP085	199	'6626908_/_6626905_1'	3.33	3.33	3.33	0.64	0.5	3.33	1.82 No	0.5	Element Fault
UPP085	200	'6631910_/_6631907'	3.33	3.33	3.33	0.64	0.5	3.33	1.82 No	0.5	Element Fault
UPP085	201	'6634114_/_6634111'	10	10	10	1.93	5.3	10	5.46 No	1.93	Thermal Discharging
UPP085	202	'6628251_/_6628248'	3.33	3.33	3.33	0.64	0.5	3.33	1.82 No	0.5	Element Fault
UPP085	203	'7769262_/_460497904'	10	10	10	1.93	1.1	10	5.46 No	1.1	Element Fault
UPP085	204	'43956223_/_6634128'	10	10	10	1.93	5.3	10	5.46 No	1.93	Thermal Discharging
UPP085	205	'6638243_/_6638253'	3.33	3.33	3.33	0.64	0.5	3.33	1.82 No	0.5	Element Fault
UPP085	206	'43956347_/_6627707'	10	10	10	1.93	1.5	10	5.46 No	1.5	Element Fault
UPP085	207	'43957504_/_6632108_2'	6.67	6.67	6.67	1.29	1	6.67	3.64 No	1	Element Fault
UPP085	208	'6626742_/_6626739'	3.33	3.33	3.33	0.64	0.45	3.33	1.82 No	0.45	Element Fault
UPP085	209	'102198889_/_102198886'	3.33	3.33	3.33	0.64	0.4	3.33	1.82 No	0.4	Element Fault
UPP085	210	'43956137_/_43956139'	10	10	10	1.93	2.8	10	5.46 No	1.93	Thermal Discharging
UPP085	211	'6634147_/_43956225'	10	10	10	1.93	5.3	10	5.46 No	1.93	Thermal Discharging
UPP085	212	'6627710_/_6627722_1'	10	10	10	1.93	1.5	10	5.46 No	1.5	Element Fault
UPP085	213	'43955651_/_43955653'	6.67	6.67	6.67	1.29	1	6.67	3.64 No	1	Element Fault
UPP085	214	'6626614_/_6626624_1'	3.33	3.33	3.33	0.64	0.5	3.33	1.82 No	0.5	Element Fault
UPP085	215	'6627898_/_6634145'	10	10	10	1.93	5.3	10	5.46 No	1.93	Thermal Discharging
UPP085	216	'6634168_/_6634165'	10	10	10	1.93	5.3	10	5.46 No	1.93	Thermal Discharging
UPP085	217	'6627899_/_6627909_1'	3.33	3.33	3.33	0.64	0.4	3.33	1.82 No	0.4	Element Fault
UPP085	218	'6629256_/_6629221'	3.33	3.33	3.33	0.64	0.5	3.33	1.82 No	0.5	Element Fault
UPP085	219	'6627557_/_6627577'	10	10	10	1.93	2.8	10	5.46 No	1.93	Thermal Discharging
UPP085	220	'6626714_/_526774339'	6.67	6.67	6.67	1.29	1	6.67	3.64 No	1	Element Fault
UPP085	221	'6639391_/_6639388'	10	10	10	1.93	5.3	10	5.46 No	1.93	Thermal Discharging
UPP085	222	'43956416_/_6640007'	3.33	3.33	3.33	0.64	0.5	3.33	1.82 No	0.5	Element Fault
UPP085	223	'6634187_/_6639405'	10	10	10	1.93	5.3	10	5.46 No	1.93	Thermal Discharging
UPP085	224	'38048265_/_67917633'	6.67	6.67	6.67	1.29	1	6.67	3.64 No	1	Element Fault
UPP085	225	'43955707_/_43955709'	3.33	3.33	3.33	0.64	0.5	3.33	1.82 No	0.5	Element Fault
UPP085	226	'6627220_/_6627554'	10	10	10	1.93	2.8	10	5.46 No	1.93	Thermal Discharging
UPP085	227	'6627444_/_6632152'	10	10	10	1.93	1.6	10	5.46 No	1.6	Element Fault
UPP085	228	'6634188_/_6634185'	10	10	10	1.93	5.3	10	5.46 No	1.93	Thermal Discharging
UPP085	229	'6627912_/_6627909_2'	3.33	3.33	3.33	0.64	0.4	3.33	1.82 No	0.4	Element Fault
UPP085	230	'6631693_/_6631690'	3.33	3.33	3.33	0.64	0.5	3.33	1.82 No	0.5	Element Fault
UPP085	231	'6626989_/_6634202'	10	10	10	1.93	5.3	10	5.46 No	1.93	Thermal Discharging
UPP085	232	'6626755_/_6626752'	3.33	3.33	3.33	0.64	0.45	3.33	1.82 No	0.45	Element Fault
UPP085	233	'43955812_/_43955814'	3.33	3.33	3.33	0.64	0.5	3.33	1.82 No	0.5	Element Fault
UPP085	234	'6638242_/_6638240'	3.33	3.33	3.33	0.64	0.5	3.33	1.82 No	0.5	Element Fault
UPP085	235	'6629257_/_6629254'	3.33	3.33	3.33	0.64	0.5	3.33	1.82 No	0.5	Element Fault
UPP085	236	'6634222_/_6634219'	10	10	10	1.93	5.3	10	5.46 No	1.93	Thermal Discharging
UPP085	237	'43956236_/_6626905_2'	3.33	3.33	3.33	0.64	0.5	3.33	1.82 No	0.5	Element Fault
UPP085	238	'6626988_/_43956270_2'	3.33	3.33	3.33	0.64	1	3.33	1.82 No	0.64	Thermal Discharging
UPP085	239	'526774754_/_526774733'	6.67	6.67	6.67	1.29	1	6.67	3.64 No	1	Element Fault
UPP085	240	'6627725_/_6627722_2'	10	10	10	1.93	1.5	10	5.46 No	1.5	Element Fault
UPP085	241	'6626936_/_6626934_1'	3.33	3.33	3.33	0.64	0.5	3.33	1.82 No	0.5	Element Fault
UPP085	242	'6627014_/_6634236'	10	10	10	1.93	5.3	10	5.46 No	1.93	Thermal Discharging
UPP085	243	'6641021_/_6641019'	3.33	3.33	3.33	0.64	0.5	3.33	1.82 No	0.5	Element Fault
UPP085	244	'6627015_/_6627045_1'	6.67	6.67	6.67	1.29	0.9	6.67	3.64 No	0.9	Element Fault
UPP085	245	'6627817_/_6634290'	10	10	10	1.93	5.3	10	5.46 No	1.93	Thermal Discharging
UPP085	246	'6627928_/_6627925_1'	3.33	3.33	3.33	0.64	0.4	3.33	1.82 No	0.4	Element Fault
UPP085	247	'43956427_/_6628016'	3.33	3.33	3.33	0.64	0.5	3.33	1.82 No	0.5	Element Fault
UPP085	248	'6626571_/_6626611'	3.33	3.33	3.33	0.64	0.5	3.33	1.82 No	0.5	Element Fault
UPP085	249	'6625932_/_6625930'	3.33	3.33	3.33	0.64	0.5	3.33	1.82 No	0.5	Element Fault
UPP085	250	'69397640_/_6627815_1'	6.67	6.67	6.67	1.29	1	6.67	3.64 No	1	Element Fault
UPP085	251	'6634275_/_6634273'	10	10	10	1.93	5.3	10	5.46 No	1.93	Thermal Discharging
UPP085	252	'43956257_/_6627925_2'	3.33	3.33	3.33	0.64	0.4	3.33	1.82 No	0.4	Element Fault
UPP085	253	'6634313_/_6634310'	10	10	10	1.93	5.3	10	5.46 No	1.93	Thermal Discharging
UPP085	254	'6643835_/_6643850'	10	10	10	1.93	2.8	10	5.46 No	1.93	Thermal Discharging
UPP085	255	'102198902_/_102198899'	3.33	3.33	3.33	0.64	0.4	3.33	1.82 No	0.4	Element Fault
UPP085	256	'6626937_/_6626934_2'	3.33	3.33	3.33	0.64	0.5	3.33	1.82 No	0.5	Element Fault
UPP085	257	'43956383_/_6627815_2'	6.67	6.67	6.67	1.29	1	6.67	3.64 No	1	Element Fault
UPP085	258	'6634956_/_6634954'	10	10	10	1.93	5.3	10	5.46 No	1.93	Thermal Discharging
UPP085	259	'124648182_/_7190047'	3.33	3.33	3.33	0.64	0.5	3.33	1.82 No	0.5	Element Fault
UPP085	260	'6626024_/_6626034'	3.33	3.33	3.33	0.64	0.5	3.33	1.82 No	0.5	Element Fault
UPP085	261	'6634940_/_6634971'	10	10	10	1.93	5.3	10	5.46 No	1.93	Thermal Discharging
UPP085	262	'43955751_/_43955753'	10	10	10	1.93	1.6	10	5.46 No	1.6	Element Fault
UPP085	263	'43957596_/_43957598'	10	10	10	1.93	5.3	10	5.46 No	1.93	Thermal Discharging
UPP085	264	'6626199_/_6626209'	3.33	3.33	3.33	0.64	0.5	3.33	1.82 No	0.5	Element Fault
UPP085	265	'6627033_/_6627045_2'	6.67	6.67	6.67	1.29	0.9	6.67	3.64 No	0.9	Element Fault
UPP085	266	'6627740_/_6627737'	10	10	10	1.93	1.5	10	5.46 No	1.5	Element Fault
UPP085	267	'43956268_/_43956270_1'	3.33	3.33	3.33	0.64	0.5	3.33	1.82 No	0.5	Element Fault
UPP085	268	'43956908_/_6641032'	3.33	3.33	3.33	0.64	0.5	3.33	1.82 No	0.5	Element Fault
UPP085	269	'6627203_/_6627217'	10	10	10	1.93	2.8	10	5.46 No	1.93	Thermal Discharging
UPP085	270	'43956438_/_6628029'	3.33	3.33	3.33	0.64	0.5	3.33	1.82 No	0.5	Element Fault
UPP085	271	'6634905_/_6634903'	10	10	10	1.93	5.3	10	5.46 No	1.93	Thermal Discharging
UPP085	272	'43956177_/_6633036'	3.33	3.33	3.33	0.64	0.5	3.33	1.82 No	0.5	Element Fault
UPP085	273	'7769261_/_460497851'	10	10	10	1.93	1.1	10	5.46 No	1.1	Element Fault
UPP085	274	'6626023_/_6626021'	3.33	3.33	3.33	0.64	0.5	3.33	1.82 No	0.5	Element Fault
UPP085	275	'6634641_/_6634920'	10	10	10	1.93	5.3	10	5.46 No	1.93	Thermal Discharging
UPP085	276	'6626588_/_6626598'	3.33	3.33	3.33	0.64	0.5	3.33	1.82 No	0.5	Element Fault
UPP085	277	'6627236_/_6643833'	10	10	10	1.93	2.8	10	5.46 No	1.93	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
UPP085	278	'6633039_/_6633049_1'	3.33	3.33	3.33	0.64	0.5	3.33	1.82 No	0.5	Element Fault
UPP085	279	'446410919_/_6627234'	10	10	10	1.93	2.8	10	5.46 No	1.93	Thermal Discharging
UPP085	280	'43955845_/_43955847'	3.33	3.33	3.33	0.64	0.5	3.33	1.82 No	0.5	Element Fault
UPP085	281	'6634642_/_6634639'	10	10	10	1.93	5.3	10	5.46 No	1.93	Thermal Discharging
UPP085	282	'452312023_/_446411019_1'	10	10	10	1.93	1.5	10	5.46 No	1.5	Element Fault
UPP085	283	'6626572_/_6626569'	3.33	3.33	3.33	0.64	0.5	3.33	1.82 No	0.5	Element Fault
UPP085	284	'6640869_/_6640866'	3.33	3.33	3.33	0.64	0.5	3.33	1.82 No	0.5	Element Fault
UPP085	285	'6627528_/_6627541_1'	3.33	3.33	3.33	0.64	0.4	3.33	1.82 No	0.4	Element Fault
UPP085	286	'6627597_/_6643747_1'	3.33	3.33	3.33	0.64	0.4	3.33	1.82 No	0.4	Element Fault
UPP085	287	'43957620_/_6638612'	3.33	3.33	3.33	0.64	1.1	3.33	1.82 No	0.64	Thermal Discharging
UPP085	288	'6631721_/_6631719'	3.33	3.33	3.33	0.64	0.5	3.33	1.82 No	0.5	Element Fault
UPP085	289	'6625920_/_6638351'	3.33	3.33	3.33	0.64	0.5	3.33	1.82 No	0.5	Element Fault
UPP085	290	'43956279_/_6632126'	3.33	3.33	3.33	0.64	0.5	3.33	1.82 No	0.5	Element Fault
UPP085	291	'6627831_/_6627828'	6.67	6.67	6.67	1.29	1	6.67	3.64 No	1	Element Fault
UPP085	292	'6627941_/_43956259'	3.33	3.33	3.33	0.64	0.4	3.33	1.82 No	0.4	Element Fault
UPP085	293	'6638598_/_6638596_1'	3.33	3.33	3.33	0.64	0.5	3.33	1.82 No	0.5	Element Fault
UPP085	294	'6633052_/_6633049_2'	3.33	3.33	3.33	0.64	0.5	3.33	1.82 No	0.5	Element Fault
UPP085	295	'6627186_/_6627200'	10	10	10	1.93	2.8	10	5.46 No	1.93	Thermal Discharging
UPP085	296	'6627032_/_6627030'	6.67	6.67	6.67	1.29	0.9	6.67	3.64 No	0.9	Element Fault
UPP085	297	'6633077_/_6633075'	3.33	3.33	3.33	0.64	0.5	3.33	1.82 No	0.5	Element Fault
UPP085	298	'43955801_/_43955803'	3.33	3.33	3.33	0.64	0.5	3.33	1.82 No	0.5	Element Fault
UPP085	299	'6643750_/_6643747_2'	3.33	3.33	3.33	0.64	0.4	3.33	1.82 No	0.4	Element Fault
UPP085	300	'124648187_/_124648184'	3.33	3.33	3.33	0.64	0.5	3.33	1.82 No	0.5	Element Fault
UPP085	301	'43956920_/_43956910'	3.33	3.33	3.33	0.64	0.5	3.33	1.82 No	0.5	Element Fault
UPP085	302	'43955696_/_43955698'	3.33	3.33	3.33	0.64	0.5	3.33	1.82 No	0.5	Element Fault
UPP085	303	'433099273_/_404155446_1'	10	10	10	1.93	1	10	5.46 No	1	Element Fault
UPP085	304	'482487650_/_446411019_2'	10	10	10	1.93	1.5	10	5.46 No	1.5	Element Fault
UPP085	305	'6626587_/_6626585'	3.33	3.33	3.33	0.64	0.5	3.33	1.82 No	0.5	Element Fault
UPP085	306	'43956126_/_6627541_2'	3.33	3.33	3.33	0.64	0.4	3.33	1.82 No	0.4	Element Fault
UPP085	307	'43956359_/_6627752'	10	10	10	1.93	1.5	10	5.46 No	1.5	Element Fault
UPP085	308	'6627237_/_446410927'	10	10	10	1.93	2.8	10	5.46 No	1.93	Thermal Discharging
UPP085	309	'43957835_/_6633062'	3.33	3.33	3.33	0.64	0.5	3.33	1.82 No	0.5	Element Fault
UPP085	310	'6627426_/_6627424'	10	10	10	1.93	1.6	10	5.46 No	1.6	Element Fault
UPP085	311	'446412099_/_466247057_2'	10	10	10	1.93	2.8	10	5.46 No	1.93	Thermal Discharging
UPP085	312	'43956450_/_43956440'	3.33	3.33	3.33	0.64	0.5	3.33	1.82 No	0.5	Element Fault
UPP085	313	'43956394_/_6627844'	3.33	3.33	3.33	0.64	0.5	3.33	1.82 No	0.5	Element Fault
UPP085	314	'6627256_/_6627254_1'	3.33	3.33	3.33	0.64	0.5	3.33	1.82 No	0.5	Element Fault
UPP085	315	'6626348_/_6626358'	3.33	3.33	3.33	0.64	0.5	3.33	1.82 No	0.5	Element Fault
UPP085	316	'6638599_/_6638596_2'	3.33	3.33	3.33	0.64	0.5	3.33	1.82 No	0.5	Element Fault
UPP085	317	'43956942_/_6640882'	3.33	3.33	3.33	0.64	0.5	3.33	1.82 No	0.5	Element Fault
UPP085	318	'6626949_/_43956281'	3.33	3.33	3.33	0.64	0.5	3.33	1.82 No	0.5	Element Fault
UPP085	319	'446412020_/_466247057_1'	10	10	10	1.93	1.5	10	5.46 No	1.5	Element Fault
UPP085	320	'6626173_/_6626183'	3.33	3.33	3.33	0.64	0.5	3.33	1.82 No	0.5	Element Fault
UPP085	321	'8090572_/_460497798'	10	10	10	1.93	1.1	10	5.46 No	1.1	Element Fault
UPP085	322	'6643763_/_6643760'	3.33	3.33	3.33	0.64	0.4	3.33	1.82 No	0.4	Element Fault
UPP085	323	'6639510_/_6639508'	3.33	3.33	3.33	0.64	0.5	3.33	1.82 No	0.5	Element Fault
UPP085	324	'43956188_/_6626892'	3.33	3.33	3.33	0.64	0.5	3.33	1.82 No	0.5	Element Fault
UPP085	325	'6627166_/_6627183'	10	10	10	1.93	2.8	10	5.46 No	1.93	Thermal Discharging
UPP085	326	'6627954_/_6627951'	3.33	3.33	3.33	0.64	0.4	3.33	1.82 No	0.4	Element Fault
UPP085	327	'43957516_/_43957518'	3.33	3.33	3.33	0.64	0.5	3.33	1.82 No	0.5	Element Fault
UPP085	328	'72882873_/_72882458_1'	3.33	3.33	3.33	0.64	0.5	3.33	1.82 No	0.5	Element Fault
UPP085	329	'43955640_/_6625917'	3.33	3.33	3.33	0.64	0.5	3.33	1.82 No	0.5	Element Fault
UPP085	330	'53722322_/_53722324'	3.33	3.33	3.33	0.64	0.5	3.33	1.82 No	0.5	Element Fault
UPP085	331	'6627770_/_43956361'	9.8	10	10	1.93	1.5	10	5.46 No	1.5	Element Fault
UPP085	332	'438287069_/_404155446_2'	10	10	10	1.93	1	10	5.46 No	1	Element Fault
UPP085	333	'6638268_/_6638266'	9.9	10	10	1.93	1.6	10	5.46 No	1.6	Element Fault
UPP085	334	'6627860_/_43956396'	3.33	3.33	3.33	0.64	0.5	3.33	1.82 No	0.5	Element Fault
UPP085	335	'6627967_/_6627964'	3.33	3.33	3.33	0.64	0.4	3.33	1.82 No	0.4	Element Fault
UPP085	336	'43956314_/_6627254_2'	3.33	3.33	3.33	0.64	0.5	3.33	1.82 No	0.5	Element Fault
UPP085	337	'6626347_/_6626345'	3.33	3.33	3.33	0.64	0.5	3.33	1.82 No	0.5	Element Fault
UPP085	338	'6640804_/_6640801'	3.33	3.33	3.33	0.64	0.5	3.33	1.82 No	0.5	Element Fault
UPP085	339	'6628806_/_6628804'	3.33	3.33	3.33	0.64	0.5	3.33	1.82 No	0.5	Element Fault
UPP085	340	'43956290_/_6626947'	3.33	3.33	3.33	0.64	0.5	3.33	1.82 No	0.5	Element Fault
UPP085	341	'6631923_/_43956128'	3.33	3.33	3.33	0.64	0.4	3.33	1.82 No	0.4	Element Fault
UPP085	342	'6626160_/_6626170'	3.33	3.33	3.33	0.64	0.5	3.33	1.82 No	0.5	Element Fault
UPP085	343	'43956199_/_43956190'	3.33	3.33	3.33	0.64	0.5	3.33	1.82 No	0.5	Element Fault
UPP085	344	'470954692_/_446411988'	10	10	10	1.93	1.5	10	5.46 No	1.5	Element Fault
UPP085	345	'6638573_/_6638570'	3.33	3.33	3.33	0.64	0.5	3.33	1.82 No	0.5	Element Fault
UPP085	346	'6640885_/_43956944'	3.33	3.33	3.33	0.64	0.5	3.33	1.82 No	0.5	Element Fault
UPP085	347	'446411572_/_482487725'	10	10	10	1.93	1.5	10	5.46 No	1.5	Element Fault
UPP085	348	'6625985_/_6625995'	3.33	3.33	3.33	0.64	0.5	3.33	1.82 No	0.5	Element Fault
UPP085	349	'6642904_/_6642914_2'	3.33	3.33	3.33	0.64	0.5	3.33	1.82 No	0.5	Element Fault
UPP085	350	'6643870_/_6643867'	3.33	3.33	3.33	0.64	0.4	3.33	1.82 No	0.4	Element Fault
UPP085	351	'6626559_/_6631706'	3.33	3.33	3.33	0.64	0.5	3.33	1.82 No	0.5	Element Fault
UPP085	352	'43957609_/_6638675'	3.33	3.33	3.33	0.64	0.5	3.33	1.82 No	0.5	Element Fault
UPP085	353	'6642903_/_6642914_1'	3.33	3.33	3.33	0.64	0.3	3.33	1.82 No	0.3	Element Fault
UPP085	354	'6627165_/_6627163'	10	10	10	1.93	2.8	10	5.46 No	1.93	Thermal Discharging
UPP085	355	'6625891_/_6625901'	3.07	3.33	3.33	0.64	0.5	3.33	1.82 No	0.5	Element Fault
UPP085	356	'404155246_/_404155420'	10	10	10	1.93	1	10	5.46 No	1	Element Fault
UPP085	357	'6631976_/_6631973'	3.33	3.33	3.33	0.64	0.4	3.33	1.82 No	0.4	Element Fault
UPP085	358	'9662899_/_460497745'	9.3	10	10	1.93	1.1	10	5.46 No	1.1	Element Fault
UPP085	359	'6639477_/_6639474_2'	10	10	10	1.93	2.8	10	5.46 No	1.93	Thermal Discharging
UPP085	360	'6627361_/_6639435_1'	3.33	3.33	3.33	0.64	0.5	3.33	1.82 No	0.5	Element Fault
UPP085	361	'43956325_/_43956316'	3.33	3.33	3.33	0.64	0.5	3.33	1.82 No	0.5	Element Fault
UPP085	362	'446411535_/_446411098'	10	10	10	1.93	1.5	10	5.46 No	1.5	Element Fault
UPP085	363	'43957923_/_6638300'	8.2	10	10	1.93	1.6	10	5.46 No	1.6	Element Fault
UPP085	364	'6627873_/_6627870'	3.33	3.33	3.33	0.64	0.5	3.33	1.82 No	0.5	Element Fault
UPP085	365	'43956461_/_6638583'	3.33	3.33	3.33	0.64	0.5	3.33	1.82 No	0.5	Element Fault
UPP085	366	'6627785_/_6627782'	7.8	10	10	1.93	1.5	10	5.46 No	1.5	Element Fault
UPP085	367	'6626963_/_6626960'	3.33	3.33	3.33	0.64	0.5	3.33	1.82 No	0.5	Element Fault
UPP085	368	'43956931_/_6640814'	3.33	3.33	3.33	0.64	0.5	3.33	1.82 No	0.5	Element Fault
UPP085	369	'6626147_/_6626157'	3.33	3.33	3.33	0.64	0.5	3.33	1.82 No	0.5	Element Fault
UPP085	370	'446411926_/_446411598'	10	10	10	1.93	1.5	10	5.46 No	1.5	Element Fault
UPP085	371	'43955685_/_43955687'	3.33	3.33	3.33	0.64	0.5	3.33	1.82 No	0.5	Element Fault

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Over- Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
UPP085	372	'6626415_/_6642927'		3.33	3.33	3.33	0.64	0.3	3.33	1.82 No	0.3 Element Fault
UPP085	373	'72882451_/_72882458_2'		3.33	3.33	3.33	0.64	0.5	3.33	1.82 No	0.5 Element Fault
UPP085	374	'43957812_/_43957814'		3.33	3.33	3.33	0.64	0.5	3.33	1.82 No	0.5 Element Fault
UPP085	375	'6627803_/_6627800'		7.5	10	10	1.93	1.5	10	5.46 No	1.5 Element Fault
UPP085	376	'6628109_/_43957611'		3.33	3.33	3.33	0.64	0.5	3.33	1.82 No	0.5 Element Fault
UPP085	377	'404155258_/_404155396'		10	10	10	1.93	1	10	5.46 No	1 Element Fault
UPP085	378	'43957720_/_43956201'		3.33	3.33	3.33	0.64	0.5	3.33	1.82 No	0.5 Element Fault
UPP085	379	'6627283_/_43956327'		3.33	3.33	3.33	0.64	0.5	3.33	1.82 No	0.5 Element Fault
UPP085	380	'6639438_/_6639435_2'		3.33	3.33	3.33	0.64	0.5	3.33	1.82 No	0.5 Element Fault
UPP085	381	'43955900_/_43955902'		3.33	3.33	3.33	0.64	0.5	3.33	1.82 No	0.5 Element Fault
UPP085	382	'49250735_/_7888171_1'		3.33	3.33	3.33	0.64	0.3	3.33	1.82 No	0.3 Element Fault
UPP085	383	'6627103_/_6639474_1'		10	10	10	1.93	1.7	10	5.46 No	1.7 Element Fault
UPP085	384	'6625878_/_6625888'		2.6	3.33	3.33	0.64	0.5	3.33	1.82 No	0.5 Element Fault
UPP085	385	'6626975_/_6638625'		3.33	3.33	3.33	0.64	0.5	3.33	1.82 No	0.5 Element Fault
UPP085	386	'72882333_/_72882316_1'		3.33	3.33	3.33	0.64	0.3	3.33	1.82 No	0.3 Element Fault
UPP085	387	'43958043_/_6642940'		3.33	3.33	3.33	0.64	0.3	3.33	1.82 No	0.3 Element Fault
UPP085	388	'6626131_/_6626144'		3.33	3.33	3.33	0.64	0.5	3.33	1.82 No	0.5 Element Fault
UPP085	389	'6625959_/_6625969'		3.07	3.33	3.33	0.64	0.5	3.33	1.82 No	0.5 Element Fault
UPP085	390	'566665396_/_6638486'		6.9	10	10	1.93	1.5	10	5.46 No	1.5 Element Fault
UPP085	391	'6627410_/_6638283'		7.1	10	10	1.93	1.6	10	5.46 No	1.6 Element Fault
UPP085	392	'7455927_/_7888171_2'		3.33	3.33	3.33	0.64	0.3	3.33	1.82 No	0.3 Element Fault
UPP085	393	'397325534_/_72882486'		3.33	3.33	3.33	0.64	0.5	3.33	1.82 No	0.5 Element Fault
UPP085	394	'43955867_/_6626413'		3.33	3.33	3.33	0.64	0.3	3.33	1.82 No	0.3 Element Fault
UPP085	395	'6627886_/_6627883'		3.33	3.33	3.33	0.64	0.5	3.33	1.82 No	0.5 Element Fault
UPP085	396	'397325552_/_397325705'		3.33	3.33	3.33	0.64	0.5	3.33	1.82 No	0.5 Element Fault
UPP085	397	'6633012_/_6633010'		3.33	3.33	3.33	0.64	0.5	3.33	1.82 No	0.5 Element Fault
UPP085	398	'6640830_/_43956933'		3.33	3.33	3.33	0.64	0.5	3.33	1.82 No	0.5 Element Fault
UPP085	399	'6628110_/_6628107'		3.33	3.33	3.33	0.64	0.5	3.33	1.82 No	0.5 Element Fault
UPP085	400	'486546694_/_466247025_1'		10	10	10	1.93	1.5	10	5.46 No	1.5 Element Fault
UPP085	401	'7455847_/_460497692'		7	10	10	1.93	1.1	10	5.46 No	1.1 Element Fault
UPP085	402	'6628794_/_43956463'		2.83	3.33	3.33	0.64	0.5	3.33	1.82 No	0.5 Element Fault
UPP085	403	'404155234_/_404155370'		10	10	10	1.93	1	10	5.46 No	1 Element Fault
UPP085	404	'6626976_/_6626973'		3.33	3.33	3.33	0.64	0.5	3.33	1.82 No	0.5 Element Fault
UPP085	405	'43955663_/_43955665'		2.4	3.33	3.33	0.64	0.5	3.33	1.82 No	0.5 Element Fault
UPP085	406	'6627083_/_6627100'		10	10	10	1.93	1.7	10	5.46 No	1.7 Element Fault
UPP085	407	'6626130_/_6626128'		3.17	3.33	3.33	0.64	0.5	3.33	1.82 No	0.5 Element Fault
UPP085	408	'6638522_/_566665315'		4.27	6.67	6.67	1.29	1	6.67	3.64 No	1 Element Fault
UPP085	409	'6627390_/_6627407'		6.6	10	10	1.93	1.6	10	5.46 No	1.6 Element Fault
UPP085	410	'43956336_/_6627293'		3.33	3.33	3.33	0.64	0.5	3.33	1.82 No	0.5 Element Fault
UPP085	411	'43958115_/_6639448'		3.33	3.33	3.33	0.64	0.5	3.33	1.82 No	0.5 Element Fault
UPP085	412	'6626533_/_6626543'		3.33	3.33	3.33	0.64	0.5	3.33	1.82 No	0.5 Element Fault
UPP085	413	'153882110_/_153882089_2'		10	10	10	1.93	1.7	10	5.46 No	1.7 Element Fault
UPP085	414	'43957725_/_43957722'		3.33	3.33	3.33	0.64	0.5	3.33	1.82 No	0.5 Element Fault
UPP085	415	'6640843_/_6640840'		3.33	3.33	3.33	0.64	0.5	3.33	1.82 No	0.5 Element Fault
UPP085	416	'6625946_/_6625956'		2.67	3.33	3.33	0.64	0.5	3.33	1.82 No	0.5 Element Fault
UPP085	417	'6639169_/_6639179'		3.33	3.33	3.33	0.64	0.3	3.33	1.82 No	0.3 Element Fault
UPP085	418	'144592100_/_153882089_1'		10	10	10	1.93	1.1	10	5.46 No	1.1 Element Fault
UPP085	419	'405474329_/_404155346'		10	10	10	1.93	1	10	5.46 No	1 Element Fault
UPP085	420	'6625852_/_6625862'		2.3	3.33	3.33	0.64	0.5	3.33	1.82 No	0.5 Element Fault
UPP085	421	'6626520_/_6626530'		3.33	3.33	3.33	0.64	0.5	3.33	1.82 No	0.5 Element Fault
UPP085	422	'6638558_/_6638555'		4.07	6.67	6.67	1.29	1	6.67	3.64 No	1 Element Fault
UPP085	423	'6626429_/_6626426'		3.33	3.33	3.33	0.64	0.3	3.33	1.82 No	0.3 Element Fault
UPP085	424	'6626335_/_6638377'		3.17	3.33	3.33	0.64	0.5	3.33	1.82 No	0.5 Element Fault
UPP085	425	'515033772_/_515033954'		10	10	10	1.93	1	10	5.46 No	1 Element Fault
UPP085	426	'6638507_/_6638519'		4.07	6.67	6.67	1.29	1	6.67	3.64 No	1 Element Fault
UPP085	427	'9035078_/_9035075'		3.33	3.33	3.33	0.64	0.3	3.33	1.82 No	0.3 Element Fault
UPP085	428	'403400729_/_397325556'		3.33	3.33	3.33	0.64	0.5	3.33	1.82 No	0.5 Element Fault
UPP085	429	'6631989_/_6631986'		3.33	3.33	3.33	0.64	0.5	3.33	1.82 No	0.5 Element Fault
UPP085	430	'403400766_/_426615779'		3.33	3.33	3.33	0.64	0.5	3.33	1.82 No	0.5 Element Fault
UPP085	431	'43958151_/_6642764'		2.47	3.33	3.33	0.64	0.5	3.33	1.82 No	0.5 Element Fault
UPP085	432	'6640856_/_6640853'		3.33	3.33	3.33	0.64	0.5	3.33	1.82 No	0.5 Element Fault
UPP085	433	'515033839_/_515033855'		9.7	10	10	1.93	1	10	5.46 No	1 Element Fault
UPP085	434	'6626092_/_6627387'		6	10	10	1.93	1.6	10	5.46 No	1.6 Element Fault
UPP085	435	'6627082_/_6627080'		8.6	10	10	1.93	1.7	10	5.46 No	1.7 Element Fault
UPP085	436	'43958104_/_43958117'		3.27	3.33	3.33	0.64	0.5	3.33	1.82 No	0.5 Element Fault
UPP085	437	'6627309_/_43956338'		3.33	3.33	3.33	0.64	0.5	3.33	1.82 No	0.5 Element Fault
UPP085	438	'6626507_/_6626517'		3.33	3.33	3.33	0.64	0.5	3.33	1.82 No	0.5 Element Fault
UPP085	439	'43955674_/_6625943'		2.37	3.33	3.33	0.64	0.5	3.33	1.82 No	0.5 Element Fault
UPP085	440	'6638506_/_6638504'		3.87	6.67	6.67	1.29	1	6.67	3.64 No	1 Element Fault
UPP085	441	'7455846_/_460497639'		5.9	10	10	1.93	1.1	10	5.46 No	1.1 Element Fault
UPP085	442	'6639156_/_6639166'		3.33	3.33	3.33	0.64	0.3	3.33	1.82 No	0.3 Element Fault
UPP085	443	'43958303_/_43958305'		2.77	3.33	3.33	0.64	0.5	3.33	1.82 No	0.5 Element Fault
UPP085	444	'122560239_/_122560250'		8.4	10	10	1.93	1.1	10	5.46 No	1.1 Element Fault
UPP085	445	'515033877_/_515033891'		8.9	10	10	1.93	1	10	5.46 No	1 Element Fault
UPP085	446	'6626442_/_6626439'		3.33	3.33	3.33	0.64	0.3	3.33	1.82 No	0.3 Element Fault
UPP085	447	'6625839_/_6625849'		2.1	3.33	3.33	0.64	0.5	3.33	1.82 No	0.5 Element Fault
UPP085	448	'6642780_/_6642777'		2.3	3.33	3.33	0.64	0.5	3.33	1.82 No	0.5 Element Fault
UPP085	449	'6635235_/_6635232'		5.7	10	10	1.93	1.6	10	5.46 No	1.6 Element Fault
UPP085	450	'43957585_/_6631999'		3.33	3.33	3.33	0.64	0.5	3.33	1.82 No	0.5 Element Fault
UPP085	451	'72882299_/_72882316_2'		2.8	3.33	3.33	0.64	0.3	3.33	1.82 No	0.3 Element Fault
UPP085	452	'43956301_/_43956303'		7.9	10	10	1.93	1.7	10	5.46 No	1.7 Element Fault
UPP085	453	'446996023_/_446996042'		3.33	3.33	3.33	0.64	0.5	3.33	1.82 No	0.5 Element Fault
UPP085	454	'482487664_/_446996079'		3.33	3.33	3.33	0.64	0.5	3.33	1.82 No	0.5 Element Fault
UPP085	455	'43955629_/_6625836'		2.03	3.33	3.33	0.64	0.5	3.33	1.82 No	0.5 Element Fault
UPP085	456	'6626079_/_6626089_2'		2	3.33	3.33	0.64	0.53	3.33	1.82 No	0.53 Element Fault
UPP085	457	'6635255_/_6635252'		5.5	10	10	1.93	1.6	10	5.46 No	1.6 Element Fault
UPP085	458	'6632502_/_6632499'		3	3.33	3.33	0.64	0.5	3.33	1.82 No	0.5 Element Fault
UPP085	459	'6639451_/_43958106'		2.77	3.33	3.33	0.64	0.5	3.33	1.82 No	0.5 Element Fault
UPP085	460	'43955740_/_6626089_1'		2	3.33	3.33	0.64	0.53	3.33	1.82 No	0.53 Element Fault
UPP085	461	'404155866_/_404155322'		8	10	10	1.93	1	10	5.46 No	1 Element Fault
UPP085	462	'6632002_/_43957587'		3.33	3.33	3.33	0.64	0.5	3.33	1.82 No	0.5 Element Fault
UPP085	463	'6632291_/_6632301'		2.17	3.33	3.33	0.64	0.5	3.33	1.82 No	0.5 Element Fault
UPP085	464	'6626494_/_6626504'		3.2	3.33	3.33	0.64	0.5	3.33	1.82 No	0.5 Element Fault
UPP085	465	'6627066_/_6627123'		7.3	10	10	1.93	1.7	10	5.46 No	1.7 Element Fault

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
UPP085	466	'6626322_/_6643880'		2.43	3.33	3.33	0.64	0.5	3.33	1.82 No	0.5 Element Fault
UPP085	467	'144592110_/_122560268'		7.4	10	10	1.93	1.1	10	5.46 No	1.1 Element Fault
UPP085	468	'43958032_/_43958034'		3.07	3.33	3.33	0.64	0.3	3.33	1.82 No	0.3 Element Fault
UPP085	469	'6626455_/_6626452'		3.03	3.33	3.33	0.64	0.3	3.33	1.82 No	0.3 Element Fault
UPP085	470	'6625810_/_6625823'		1.93	3.33	3.33	0.64	0.5	3.33	1.82 No	0.5 Element Fault
UPP085	471	'404746233_/_460497580'		5.2	10	10	1.93	1.1	10	5.46 No	1.1 Element Fault
UPP085	472	'404746036_/_404746297'		5.2	10	10	1.93	1.1	10	5.46 No	1.1 Element Fault
UPP085	473	'404746029_/_404746034'		5.2	10	10	1.93	1.1	10	5.46 No	1.1 Element Fault
UPP085	474	'404746052_/_404746050'		5.2	10	10	1.93	1.1	10	5.46 No	1.1 Element Fault
UPP085	475	'404746044_/_404746042'		5.2	10	10	1.93	1.1	10	5.46 No	1.1 Element Fault
UPP085	476	'404746028_/_404746026'		5.2	10	10	1.93	1.1	10	5.46 No	1.1 Element Fault
UPP085	477	'404745866_/_404746127'		5.2	10	10	1.93	1.1	10	5.46 No	1.1 Element Fault
UPP085	478	'6628044_/_6642790'		2.03	3.33	3.33	0.64	0.5	3.33	1.82 No	0.5 Element Fault
UPP085	479	'6639130_/_6639140'		2.87	3.33	3.33	0.64	0.3	3.33	1.82 No	0.3 Element Fault
UPP085	480	'72882524_/_426615746'		2.43	3.33	3.33	0.64	0.5	3.33	1.82 No	0.5 Element Fault
UPP085	481	'6635272_/_6635269'		5.1	10	10	1.93	1.6	10	5.46 No	1.6 Element Fault
UPP085	482	'483367597_/_483367549_1'		5.1	10	10	1.93	1	10	5.46 No	1 Element Fault
UPP085	483	'43957698_/_6632512'		2.63	3.33	3.33	0.64	0.5	3.33	1.82 No	0.5 Element Fault
UPP085	484	'49232228_/_6627063'		6.8	10	10	1.93	1.7	10	5.46 No	1.7 Element Fault
UPP085	485	'8090673_/_509630413'		5	10	10	1.93	1.1	10	5.46 No	1.1 Element Fault
UPP085	486	'483367532_/_483367549_2'		5.1	10	10	1.93	1	10	5.46 No	1 Element Fault
UPP085	487	'6625797_/_6625807'		1.87	3.33	3.33	0.64	0.5	3.33	1.82 No	0.5 Element Fault
UPP085	488	'6626309_/_6626319'		2.23	3.33	3.33	0.64	0.5	3.33	1.82 No	0.5 Element Fault
UPP085	489	'6626481_/_6626491'		2.7	3.33	3.33	0.64	0.5	3.33	1.82 No	0.5 Element Fault
UPP085	490	'6632278_/_6632288'		1.97	3.33	3.33	0.64	0.5	3.33	1.82 No	0.5 Element Fault
UPP085	491	'6639117_/_6639127'		2.77	3.33	3.33	0.64	0.3	3.33	1.82 No	0.3 Element Fault
UPP085	492	'6626078_/_6626076'		1.83	3.33	3.33	0.64	0.53	3.33	1.82 No	0.53 Element Fault
UPP085	493	'6626468_/_6626465'		2.63	3.33	3.33	0.64	0.3	3.33	1.82 No	0.3 Element Fault
UPP085	494	'72882342_/_411346347'		2.3	3.33	3.33	0.64	0.3	3.33	1.82 No	0.3 Element Fault
UPP085	495	'6628045_/_6628042'		1.93	3.33	3.33	0.64	0.5	3.33	1.82 No	0.5 Element Fault
UPP085	496	'6625796_/_6625794'		1.8	3.33	3.33	0.64	0.5	3.33	1.82 No	0.5 Element Fault
UPP085	497	'7741064_/_509630441'		4.8	10	10	1.93	1.1	10	5.46 No	1.1 Element Fault
UPP085	498	'6627321_/_43957700'		2.4	3.33	3.33	0.64	0.5	3.33	1.82 No	0.5 Element Fault
UPP085	499	'6626403_/_6639114'		2.6	3.33	3.33	0.64	0.3	3.33	1.82 No	0.3 Element Fault
UPP085	500	'67917696_/_7190778'		6.3	10	10	1.93	1.7	10	5.46 No	1.7 Element Fault
UPP085	501	'8141114_/_9086793_2'		6.3	10	10	1.93	1.7	10	5.46 No	1.7 Element Fault
UPP085	502	'44420846_/_6642855'		4.8	10	10	1.93	1.6	10	5.46 No	1.6 Element Fault
UPP085	503	'514379960_/_72882367'		2.2	3.33	3.33	0.64	0.3	3.33	1.82 No	0.3 Element Fault
UPP085	504	'43957664_/_6632275'		1.87	3.33	3.33	0.64	0.5	3.33	1.82 No	0.5 Element Fault
UPP085	505	'43955889_/_43955891'		2.43	3.33	3.33	0.64	0.5	3.33	1.82 No	0.5 Element Fault
UPP085	506	'9086796_/_9086793_1'		6.3	10	10	1.93	0.9	10	5.46 No	0.9 Element Fault
UPP085	507	'7741063_/_509630469'		4.7	10	10	1.93	1.1	10	5.46 No	1.1 Element Fault
UPP085	508	'43955729_/_6643066'		1.73	3.33	3.33	0.64	0.53	3.33	1.82 No	0.53 Element Fault
UPP085	509	'6628058_/_6628055'		1.83	3.33	3.33	0.64	0.5	3.33	1.82 No	0.5 Element Fault
UPP085	510	'43955834_/_43955836'		2.03	3.33	3.33	0.64	0.5	3.33	1.82 No	0.5 Element Fault
UPP085	511	'43957642_/_6626400'		2.43	3.33	3.33	0.64	0.3	3.33	1.82 No	0.3 Element Fault
UPP085	512	'8088932_/_509630497'		4.6	10	10	1.93	1.1	10	5.46 No	1.1 Element Fault
UPP085	513	'122560070_/_122560075'		6	10	10	1.93	1.1	10	5.46 No	1.1 Element Fault
UPP085	514	'43956472_/_6628068'		1.8	3.33	3.33	0.64	0.5	3.33	1.82 No	0.5 Element Fault
UPP085	515	'6640289_/_6640299'		2.27	3.33	3.33	0.64	0.5	3.33	1.82 No	0.5 Element Fault
UPP085	516	'6627322_/_6627319'		2.23	3.33	3.33	0.64	0.5	3.33	1.82 No	0.5 Element Fault
UPP085	517	'72882565_/_72882262'		5.8	10	10	1.93	1.1	10	5.46 No	1.1 Element Fault
UPP085	518	'9348530_/_509630525'		4.5	10	10	1.93	1.1	10	5.46 No	1.1 Element Fault
UPP085	519	'6626280_/_6626293'		1.9	3.33	3.33	0.64	0.5	3.33	1.82 No	0.5 Element Fault
UPP085	520	'6626387_/_6632220'		2.3	3.33	3.33	0.64	0.3	3.33	1.82 No	0.3 Element Fault
UPP085	521	'6633094_/_6643082'		1.63	3.33	3.33	0.64	0.53	3.33	1.82 No	0.53 Element Fault
UPP085	522	'6632252_/_6632262'		1.7	3.33	3.33	0.64	0.5	3.33	1.82 No	0.5 Element Fault
UPP085	523	'8713831_/_509630553'		4.4	10	10	1.93	1.1	10	5.46 No	1.1 Element Fault
UPP085	524	'6640276_/_6640286'		2.1	3.33	3.33	0.64	0.5	3.33	1.82 No	0.5 Element Fault
UPP085	525	'6628084_/_6628081'		1.67	3.33	3.33	0.64	0.5	3.33	1.82 No	0.5 Element Fault
UPP085	526	'43957539_/_6631775'		2.07	3.33	3.33	0.64	0.5	3.33	1.82 No	0.5 Element Fault
UPP085	527	'8713830_/_509630581'		4.2	10	10	1.93	1.1	10	5.46 No	1.1 Element Fault
UPP085	528	'153490669_/_153490675'		5.4	10	10	1.93	1.1	10	5.46 No	1.1 Element Fault
UPP085	529	'153490706_/_154595727'		5.4	10	10	1.93	1.1	10	5.46 No	1.1 Element Fault
UPP085	530	'6626264_/_6626277'		1.8	3.33	3.33	0.64	0.5	3.33	1.82 No	0.5 Element Fault
UPP085	531	'6626386_/_6626384'		2.17	3.33	3.33	0.64	0.3	3.33	1.82 No	0.3 Element Fault
UPP085	532	'8713871_/_509630609'		4.2	10	10	1.93	1.1	10	5.46 No	1.1 Element Fault
UPP085	533	'6626063_/_6633091'		1.57	3.33	3.33	0.64	0.53	3.33	1.82 No	0.53 Element Fault
UPP085	534	'7886587_/_509630637'		4.2	10	10	1.93	1.1	10	5.46 No	1.1 Element Fault
UPP085	535	'507504026_/_436936325'		4.2	10	10	1.93	1.1	10	5.46 No	1.1 Element Fault
UPP085	536	'507503885_/_507504018'		4.2	10	10	1.93	1.1	10	5.46 No	1.1 Element Fault
UPP085	537	'436749560_/_507503865'		4.2	10	10	1.93	1.1	10	5.46 No	1.1 Element Fault
UPP085	538	'43955878_/_43955880'		1.97	3.33	3.33	0.64	0.5	3.33	1.82 No	0.5 Element Fault
UPP085	539	'6628097_/_6628094'		1.6	3.33	3.33	0.64	0.5	3.33	1.82 No	0.5 Element Fault
UPP085	540	'43957653_/_43957655'		1.57	3.33	3.33	0.64	0.5	3.33	1.82 No	0.5 Element Fault
UPP085	541	'6641523_/_6641521'		2.1	3.33	3.33	0.64	0.3	3.33	1.82 No	0.3 Element Fault
UPP085	542	'6626062_/_6626060'		1.5	3.33	3.33	0.64	0.53	3.33	1.82 No	0.53 Element Fault
UPP085	543	'110706011_/_153490712'		5.2	10	10	1.93	1.1	10	5.46 No	1.1 Element Fault
UPP085	544	'6639020_/_43957541'		1.9	3.33	3.33	0.64	0.5	3.33	1.82 No	0.5 Element Fault
UPP085	545	'6626263_/_6626261'		1.7	3.33	3.33	0.64	0.5	3.33	1.82 No	0.5 Element Fault
UPP085	546	'469730440_/_379430322'		5.1	10	10	1.93	1.1	10	5.46 No	1.1 Element Fault
UPP085	547	'6640275_/_6640273'		1.87	3.33	3.33	0.64	0.5	3.33	1.82 No	0.5 Element Fault
UPP085	548	'45390920_/_6632233'		1.5	3.33	3.33	0.64	0.5	3.33	1.82 No	0.5 Element Fault
UPP085	549	'396113138_/_396113157'		1.7	3.33	3.33	0.64	0.5	3.33	1.82 No	0.5 Element Fault
UPP085	550	'469730456_/_469730530'		4.9	10	10	1.93	1.1	10	5.46 No	1.1 Element Fault
UPP085	551	'6638993_/_6639030'		1.8	3.33	3.33	0.64	0.5	3.33	1.82 No	0.5 Element Fault
UPP085	552	'379430303_/_469730503'		4.7	10	10	1.93	1.1	10	5.46 No	1.1 Element Fault
UPP085	553	'404155916_/_404155298_1'		4.7	10	10	1.93	1	10	5.46 No	1 Element Fault
UPP085	554	'43957971_/_6638991'		1.7	3.33	3.33	0.64	0.5	3.33	1.82 No	0.5 Element Fault
UPP085	555	'6627334_/_43957973'		1.57	3.33	3.33	0.64	0.5	3.33	1.82 No	0.5 Element Fault
UPP085	556	'6627335_/_6627332'		1.43	3.33	3.33	0.64	0.5	3.33	1.82 No	0.5 Element Fault
UPP085	557	'6627348_/_6627345'		1.4	3.33	3.33	0.64	0.5	3.33	1.82 No	0.5 Element Fault
UPP086	0	'UPP086_/_58111462'		10	10	10	1.32	10	10	No	1.32 Thermal Discharging
UPP086	1	'58111679_/_58111462'		10	10	10	1.32	10	10	6.73 No	1.32 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
UPP086		2 '58111457_/_/8728674'		10	10	10	1.32	10	10	6.73 No	1.32 Thermal Discharging
UPP086		3 '58111481_/_/8101162'		10	10	10	1.32	10	10	6.73 No	1.32 Thermal Discharging
UPP086		4 '58111493_/_/8729034'		10	10	10	1.32	10	10	6.73 No	1.32 Thermal Discharging
UPP086		5 '58111505_/_/9046133'		10	10	10	1.32	10	10	6.73 No	1.32 Thermal Discharging
UPP086		6 '58111516_/_/8408410'		10	10	10	1.32	10	10	6.73 No	1.32 Thermal Discharging
UPP086		7 '58111529_/_/8408390'		10	10	10	1.32	10	10	6.73 No	1.32 Thermal Discharging
UPP086		8 '58111541_/_/8101002'		10	10	10	1.32	10	10	6.73 No	1.32 Thermal Discharging
UPP086		9 '58111553_/_/8728914'		10	10	10	1.32	10	10	6.73 No	1.32 Thermal Discharging
UPP086		10 '58111565_/_/8408190'		10	10	10	1.32	10	10	6.73 No	1.32 Thermal Discharging
UPP086		11 '58111581_/_/7779121'		10	10	10	1.32	10	10	6.73 No	1.32 Thermal Discharging
UPP086		12 '58111601_/_/7763877'		10	10	10	1.32	10	10	6.73 No	1.32 Thermal Discharging
UPP086		13 '8085097_/_/8399960'		10	10	10	1.32	10	10	6.73 No	1.32 Thermal Discharging
UPP086		14 '8085098_/_/8085095'		10	10	10	1.32	10	10	6.73 No	1.32 Thermal Discharging
UPP086		15 '8708820_/_/9028807'		10	10	10	1.32	10	10	6.73 No	1.32 Thermal Discharging
UPP086		16 '8708821_/_/8708818'		10	10	10	1.32	10	10	6.73 No	1.32 Thermal Discharging
UPP086		17 '60633583_/_/9656777'		10	10	10	1.32	10	10	6.73 No	1.32 Thermal Discharging
UPP086		18 '403905422_/_/60633581'		10	10	10	1.32	10	10	6.73 No	1.32 Thermal Discharging
UPP086		19 '60633607_/_/60633605'		4.7	10	10	1.32	1.1	10	6.73 No	1.1 Element Fault
UPP086		20 '60633571_/_/60633575'		10	10	10	1.32	2.7	10	6.73 No	1.32 Thermal Discharging
UPP086		21 '60633595_/_/60633599'		10	10	10	1.32	10	10	6.73 No	1.32 Thermal Discharging
UPP086		22 '37974286_/_/60633678'		10	10	10	1.32	10	10	6.73 No	1.32 Thermal Discharging
UPP086		23 '405199432_/_/37974283'		10	10	10	1.32	10	10	6.73 No	1.32 Thermal Discharging
UPP086		24 '37974783_/_/37974780'		4.7	10	10	1.32	1.1	10	6.73 No	1.1 Element Fault
UPP086		25 '37974300_/_/37974297'		10	10	10	1.32	10	10	6.73 No	1.32 Thermal Discharging
UPP086		26 '37974769_/_/37974766'		10	10	10	1.32	2.4	10	6.73 No	1.32 Thermal Discharging
UPP086		27 '211980183_/_/141681308'		10	10	10	1.32	2.7	10	6.73 No	1.32 Thermal Discharging
UPP086		28 '211980196_/_/211980193'		10	10	10	1.32	2.7	10	6.73 No	1.32 Thermal Discharging
UPP086		29 '211981351_/_/114633936'		10	10	10	1.32	10	10	6.73 No	1.32 Thermal Discharging
UPP086		30 '211980215_/_/211980212'		10	10	10	1.32	2.7	10	6.73 No	1.32 Thermal Discharging
UPP086		31 '211980234_/_/211980231'		10	10	10	1.32	2.7	10	6.73 No	1.32 Thermal Discharging
UPP086		32 '211981352_/_/211981349'		10	10	10	1.32	10	10	6.73 No	1.32 Thermal Discharging
UPP086		33 '143675215_/_/211981368'		10	10	10	1.32	10	10	6.73 No	1.32 Thermal Discharging
UPP086		34 '7763720_/_/7763717'		10	10	10	1.32	2.4	10	6.73 No	1.32 Thermal Discharging
UPP086		35 '7763659_/_/8085035'		10	10	10	1.32	2.4	10	6.73 No	1.32 Thermal Discharging
UPP086		36 '7763660_/_/7763657'		10	10	10	1.32	2.4	10	6.73 No	1.32 Thermal Discharging
UPP086		37 '8399843_/_/8399860'		10	10	10	1.32	1.1	10	6.73 No	1.1 Element Fault
UPP086		38 '8085058_/_/8085055'		10	10	10	1.32	2.4	10	6.73 No	1.32 Thermal Discharging
UPP086		39 '7763740_/_/8399840'		10	10	10	1.32	1.1	10	6.73 No	1.1 Element Fault
UPP086		40 '8399903_/_/8399900'		10	10	10	1.32	2.4	10	6.73 No	1.32 Thermal Discharging
UPP086		41 '7763679_/_/7763677'		10	10	10	1.32	10	10	6.73 No	1.32 Thermal Discharging
UPP086		42 '37974244_/_/9028747'		10	10	10	1.32	10	10	6.73 No	1.32 Thermal Discharging
UPP086		43 '405200117_/_/37974241'		10	10	10	1.32	10	10	6.73 No	1.32 Thermal Discharging
UPP086		44 '37974272_/_/37974269'		10	10	10	1.32	10	10	6.73 No	1.32 Thermal Discharging
UPP086		45 '37974230_/_/37974227'		10	10	10	1.32	2.2	10	6.73 No	1.32 Thermal Discharging
UPP086		46 '37974258_/_/37974255'		10	10	10	1.32	2.2	10	6.73 No	1.32 Thermal Discharging
UPP086		47 '67915788_/_/8084567'		10	10	10	1.32	10	10	6.73 No	1.32 Thermal Discharging
UPP086		48 '7450476_/_/7763737'		10	10	10	1.32	1.1	10	6.73 No	1.1 Element Fault
UPP086		49 '67916116_/_/67915790'		10	10	10	1.32	10	10	6.73 No	1.32 Thermal Discharging
UPP086		50 '67916081_/_/67916113'		10	10	10	1.32	10	10	6.73 No	1.32 Thermal Discharging
UPP086		51 '8399016_/_/9341552'		10	10	10	1.32	2.2	10	6.73 No	1.32 Thermal Discharging
UPP086		52 '67916041_/_/67916078'		10	10	10	1.32	10	10	6.73 No	1.32 Thermal Discharging
UPP086		53 '67915996_/_/67916038'		10	10	10	1.32	10	10	6.73 No	1.32 Thermal Discharging
UPP086		54 '67915949_/_/67915993'		10	10	10	1.32	10	10	6.73 No	1.32 Thermal Discharging
UPP086		55 '67915897_/_/67915946'		10	10	10	1.32	10	10	6.73 No	1.32 Thermal Discharging
UPP086		56 '67915843_/_/67915894'		10	10	10	1.32	10	10	6.73 No	1.32 Thermal Discharging
UPP086		57 '7450440_/_/67915840'		10	10	10	1.32	10	10	6.73 No	1.32 Thermal Discharging
UPP086		58 '37974720_/_/7450438'		10	10	10	1.32	10	10	6.73 No	1.32 Thermal Discharging
UPP086		59 '405199567_/_/37974717'		10	10	10	1.32	10	10	6.73 No	1.32 Thermal Discharging
UPP086		60 '37974706_/_/37974703'		10	10	10	1.32	10	10	6.73 No	1.32 Thermal Discharging
UPP086		61 '37974734_/_/37974731'		10	10	10	1.32	4.5	10	6.73 No	1.32 Thermal Discharging
UPP086		62 '37974748_/_/37974745'		10	10	10	1.32	10	10	6.73 No	1.32 Thermal Discharging
UPP086		63 '8399803_/_/8399800'		10	10	10	1.32	10	10	6.73 No	1.32 Thermal Discharging
UPP086		64 '8085018_/_/8710818'		10	10	10	1.32	10	10	6.73 No	1.32 Thermal Discharging
UPP086		65 '8084742_/_/8085015'		10	10	10	1.32	10	10	6.73 No	1.32 Thermal Discharging
UPP086		66 '8084741_/_/8084739'		10	10	10	1.32	10	10	6.73 No	1.32 Thermal Discharging
UPP086		67 '8399529_/_/8399526'		10	10	10	1.32	10	10	6.73 No	1.32 Thermal Discharging
UPP086		68 '9029464_/_/9029461'		10	10	10	1.32	4.5	10	6.73 No	1.32 Thermal Discharging
UPP086		69 '8710936_/_/409395384'		10	10	10	1.32	4.5	10	6.73 No	1.32 Thermal Discharging
UPP086		70 '9029236_/_/9029233'		10	10	10	1.32	10	10	6.73 No	1.32 Thermal Discharging
UPP086		71 '7450477_/_/7450474'		3.33	3.33	3.33	0.44	0.37	3.33	2.24 No	0.37 Element Fault
UPP086		72 '7450083_/_/9341762'		10	10	10	1.32	10	10	6.73 No	1.32 Thermal Discharging
UPP086		73 '7450082_/_/7450080'		10	10	10	1.32	10	10	6.73 No	1.32 Thermal Discharging
UPP086		74 '8084721_/_/8084719'		10	10	10	1.32	10	10	6.73 No	1.32 Thermal Discharging
UPP086		75 '7763419_/_/9029133'		10	10	10	1.32	10	10	6.73 No	1.32 Thermal Discharging
UPP086		76 '7763420_/_/7763417'		10	10	10	1.32	10	10	6.73 No	1.32 Thermal Discharging
UPP086		77 '9029196_/_/9029193'		10	10	10	1.32	10	10	6.73 No	1.32 Thermal Discharging
UPP086		78 '9656360_/_/9656357'		3.33	3.33	3.33	0.44	0.37	3.33	2.24 No	0.37 Element Fault
UPP086		79 '8710605_/_/9656541_2'		10	10	10	1.32	10	10	6.73 No	1.32 Thermal Discharging
UPP086		80 '6435486_/_/9656541_1'		10	10	10	1.32	10	10	6.73 No	1.32 Thermal Discharging
UPP086		81 '6433895_/_/6435501'		10	10	10	1.32	10	10	6.73 No	1.32 Thermal Discharging
UPP086		82 '43916811_/_/6435484'		10	10	10	1.32	10	10	6.73 No	1.32 Thermal Discharging
UPP086		83 '6434579_/_/6434813'		10	10	10	1.32	10	10	6.73 No	1.32 Thermal Discharging
UPP086		84 '6434580_/_/6434577'		10	10	10	1.32	10	10	6.73 No	1.32 Thermal Discharging
UPP086		85 '469790867_/_/455818505_1'		10	10	10	1.32	1.4	10	6.73 No	1.32 Thermal Discharging
UPP086		86 '6433894_/_/6433907_2'		6.67	6.67	6.67	0.88	2.1	6.67	4.49 No	0.88 Thermal Discharging
UPP086		87 '6433407_/_/6434594'		10	10	10	1.32	10	10	6.73 No	1.32 Thermal Discharging
UPP086		88 '6434943_/_/43916813'		10	10	10	1.32	10	10	6.73 No	1.32 Thermal Discharging
UPP086		89 '6435212_/_/6435209'		10	10	10	1.32	10	10	6.73 No	1.32 Thermal Discharging
UPP086		90 '6433391_/_/6433389_1'		6.67	6.67	6.67	0.88	0.9	6.67	4.49 No	0.88 Thermal Discharging
UPP086		91 '6434631_/_/6435243'		10	10	10	1.32	10	10	6.73 No	1.32 Thermal Discharging
UPP086		92 '6435102_/_/6435226'		10	10	10	1.32	10	10	6.73 No	1.32 Thermal Discharging
UPP086		93 '6434614_/_/6434628'		10	10	10	1.32	10	10	6.73 No	1.32 Thermal Discharging
UPP086		94 '6435014_/_/43916888_1'		10	10	10	1.32	4.5	10	6.73 No	1.32 Thermal Discharging
UPP086		95 '6435266_/_/6435263'		10	10	10	1.32	10	10	6.73 No	1.32 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
UPP086	96	'6433424_/_6433422_1'		10	10	10	1.32	1.4	10	6.73 No	1.32 Thermal Discharging
UPP086	97	'473163444_/_473163357_1'		10	10	10	1.32	1.4	10	6.73 No	1.32 Thermal Discharging
UPP086	98	'6435283_/_6435280'		10	10	10	1.32	10	10	6.73 No	1.32 Thermal Discharging
UPP086	99	'6434613_/_6434611'		10	10	10	1.32	10	10	6.73 No	1.32 Thermal Discharging
UPP086	100	'491911922_/_43916888_2'		10	10	10	1.32	1.4	10	6.73 No	1.32 Thermal Discharging
UPP086	101	'6434944_/_6434941'	6.67		6.67	6.67	0.88	3	6.67	4.49 No	0.88 Thermal Discharging
UPP086	102	'6435037_/_6435297'		10	10	10	1.32	10	10	6.73 No	1.32 Thermal Discharging
UPP086	103	'43916616_/_43916618'		10	10	10	1.32	10	10	6.73 No	1.32 Thermal Discharging
UPP086	104	'9341744_/_9341742_1'		10	10	10	1.32	1.4	10	6.73 No	1.32 Thermal Discharging
UPP086	105	'73663626_/_6435034_2'		10	10	10	1.32	4.5	10	6.73 No	1.32 Thermal Discharging
UPP086	106	'6435317_/_6435314'		10	10	10	1.32	10	10	6.73 No	1.32 Thermal Discharging
UPP086	107	'6433040_/_6434506'		10	10	10	1.32	10	10	6.73 No	1.32 Thermal Discharging
UPP086	108	'6433374_/_6433907_1'	6.67		6.67	6.67	0.88	0.9	6.67	4.49 No	0.88 Thermal Discharging
UPP086	109	'8399943_/_9029481'		10	10	10	1.32	4.5	10	6.73 No	1.32 Thermal Discharging
UPP086	110	'6435334_/_6435331'		10	10	10	1.32	10	10	6.73 No	1.32 Thermal Discharging
UPP086	111	'6434475_/_6434489'		10	10	10	1.32	10	10	6.73 No	1.32 Thermal Discharging
UPP086	112	'43916886_/_43916888_3'		10	10	10	1.32	1.4	10	6.73 No	1.32 Thermal Discharging
UPP086	113	'43916921_/_6435348'		10	10	10	1.32	10	10	6.73 No	1.32 Thermal Discharging
UPP086	114	'6434458_/_6434472'		10	10	10	1.32	10	10	6.73 No	1.32 Thermal Discharging
UPP086	115	'6433028_/_6433025_1'	3.33		3.33	3.33	0.44	0.4	3.33	2.24 No	0.4 Element Fault
UPP086	116	'6433546_/_43916923'		10	10	10	1.32	10	10	6.73 No	1.32 Thermal Discharging
UPP086	117	'7763384_/_455818505_2'		10	10	10	1.32	1.4	10	6.73 No	1.32 Thermal Discharging
UPP086	118	'6432556_/_6434455'		10	10	10	1.32	10	10	6.73 No	1.32 Thermal Discharging
UPP086	119	'473163341_/_473163357_2'		10	10	10	1.32	1.4	10	6.73 No	1.32 Thermal Discharging
UPP086	120	'6433054_/_6433069_1'	6.67		6.67	6.67	0.88	0.9	6.67	4.49 No	0.88 Thermal Discharging
UPP086	121	'43916934_/_6434662'		10	10	10	1.32	10	10	6.73 No	1.32 Thermal Discharging
UPP086	122	'43916824_/_6433422_1'		10	10	10	1.32	1.4	10	6.73 No	1.32 Thermal Discharging
UPP086	123	'67657361_/_6435034_1'		10	10	10	1.32	1.4	10	6.73 No	1.32 Thermal Discharging
UPP086	124	'6434665_/_6434682_1'		10	10	10	1.32	10	10	6.73 No	1.32 Thermal Discharging
UPP086	125	'8084589_/_9656373'	3.33		3.33	3.33	0.44	0.37	3.33	2.24 No	0.37 Element Fault
UPP086	126	'43916787_/_6434523'		10	10	10	1.32	10	10	6.73 No	1.32 Thermal Discharging
UPP086	127	'6433560_/_6434682_2'		10	10	10	1.32	10	10	6.73 No	1.32 Thermal Discharging
UPP086	128	'6433524_/_6433522_1'	6.67		6.67	6.67	0.88	0.9	6.67	4.49 No	0.88 Thermal Discharging
UPP086	129	'6434546_/_43916789'		10	10	10	1.32	10	10	6.73 No	1.32 Thermal Discharging
UPP086	130	'6434965_/_6434962'	6.67		6.67	6.67	0.88	3	6.67	4.49 No	0.88 Thermal Discharging
UPP086	131	'34342518_/_8084587'	3.33		3.33	3.33	0.44	0.37	3.33	2.24 No	0.37 Element Fault
UPP086	132	'43914671_/_43914673'		10	10	10	1.32	10	10	6.73 No	1.32 Thermal Discharging
UPP086	133	'7763383_/_455818524'		10	10	10	1.32	1.4	10	6.73 No	1.32 Thermal Discharging
UPP086	134	'6433392_/_6433389_2'	6.67		6.67	6.67	0.88	0.9	6.67	4.49 No	0.88 Thermal Discharging
UPP086	135	'347178750_/_347178752'		10	10	10	1.32	10	10	6.73 No	1.32 Thermal Discharging
UPP086	136	'6434563_/_6434560'		10	10	10	1.32	10	10	6.73 No	1.32 Thermal Discharging
UPP086	137	'6433071_/_6433069_2'	6.67		6.67	6.67	0.88	0.9	6.67	4.49 No	0.88 Thermal Discharging
UPP086	138	'9341745_/_9341742_2'		10	10	10	1.32	1.4	10	6.73 No	1.32 Thermal Discharging
UPP086	139	'6433317_/_6433371'	6.67		6.67	6.67	0.88	0.9	6.67	4.49 No	0.88 Thermal Discharging
UPP086	140	'6433561_/_6433576_1'	6.67		6.67	6.67	0.88	0.9	6.67	4.49 No	0.88 Thermal Discharging
UPP086	141	'67657534_/_67657652'		10	10	10	1.32	1.4	10	6.73 No	1.32 Thermal Discharging
UPP086	142	'6435470_/_6435548'		10	10	10	1.32	10	10	6.73 No	1.32 Thermal Discharging
UPP086	143	'9028889_/_9028887'	3.33		3.33	3.33	0.44	0.37	3.33	2.24 No	0.37 Element Fault
UPP086	144	'6435402_/_6435467'		10	10	10	1.32	10	10	6.73 No	1.32 Thermal Discharging
UPP086	145	'6435419_/_6435416'		10	10	10	1.32	10	10	6.73 No	1.32 Thermal Discharging
UPP086	146	'43920714_/_7109593'		10	10	10	1.32	10	10	6.73 No	1.32 Thermal Discharging
UPP086	147	'73663607_/_67657683'	3.33		3.33	3.33	0.44	0.47	3.33	2.24 No	0.44 Thermal Discharging
UPP086	148	'43916984_/_6435399'		10	10	10	1.32	10	10	6.73 No	1.32 Thermal Discharging
UPP086	149	'6435436_/_6435433'		10	10	10	1.32	10	10	6.73 No	1.32 Thermal Discharging
UPP086	150	'6433442_/_6433439'		10	10	10	1.32	1.4	10	6.73 No	1.32 Thermal Discharging
UPP086	151	'6479699_/_6481405'		10	10	10	1.32	10	10	6.73 No	1.32 Thermal Discharging
UPP086	152	'6434980_/_6434994'		10	10	10	1.32	1.4	10	6.73 No	1.32 Thermal Discharging
UPP086	153	'9029077_/_9029095'		10	10	10	1.32	1.4	10	6.73 No	1.32 Thermal Discharging
UPP086	154	'6479686_/_6479683_2'	3.33		3.33	3.33	0.44	1.5	3.33	2.24 No	0.44 Thermal Discharging
UPP086	155	'6433218_/_6435382'		10	10	10	1.32	10	10	6.73 No	1.32 Thermal Discharging
UPP086	156	'6481442_/_6481439'		10	10	10	1.32	10	10	6.73 No	1.32 Thermal Discharging
UPP086	157	'6432539_/_6432553'		10	10	10	1.32	3.1	10	6.73 No	1.32 Thermal Discharging
UPP086	158	'6434738_/_6435450'		10	10	10	1.32	10	10	6.73 No	1.32 Thermal Discharging
UPP086	159	'43916947_/_6433522_2'	6.67		6.67	6.67	0.88	0.9	6.67	4.49 No	0.88 Thermal Discharging
UPP086	160	'6433217_/_6433872_1'		10	10	10	1.32	1.4	10	6.73 No	1.32 Thermal Discharging
UPP086	161	'6433015_/_6433025_2'	3.33		3.33	3.33	0.44	0.4	3.33	2.24 No	0.4 Element Fault
UPP086	162	'6434701_/_6434699'		10	10	10	1.32	10	10	6.73 No	1.32 Thermal Discharging
UPP086	163	'43916775_/_6433087'	6.67		6.67	6.67	0.88	0.9	6.67	4.49 No	0.88 Thermal Discharging
UPP086	164	'115586371_/_6481456'		10	10	10	1.32	10	10	6.73 No	1.32 Thermal Discharging
UPP086	165	'6481666_/_6481663'		10	10	10	1.32	10	10	6.73 No	1.32 Thermal Discharging
UPP086	166	'6433197_/_6434716'		10	10	10	1.32	10	10	6.73 No	1.32 Thermal Discharging
UPP086	167	'43916707_/_43916709'		10	10	10	1.32	3.1	10	6.73 No	1.32 Thermal Discharging
UPP086	168	'6432522_/_6432519_2'		10	10	10	1.32	3.1	10	6.73 No	1.32 Thermal Discharging
UPP086	169	'115586417_/_6479859_1'	6.67		6.67	6.67	0.88	0.9	6.67	4.49 No	0.88 Thermal Discharging
UPP086	170	'43921003_/_6481680'		10	10	10	1.32	10	10	6.73 No	1.32 Thermal Discharging
UPP086	171	'6479673_/_6479683_1'	3.33		3.33	3.33	0.44	0.4	3.33	2.24 No	0.4 Element Fault
UPP086	172	'6433198_/_6433855_1'		10	10	10	1.32	1.4	10	6.73 No	1.32 Thermal Discharging
UPP086	173	'115586422_/_6479859_2'	6.67		6.67	6.67	0.88	0.9	6.67	4.49 No	0.88 Thermal Discharging
UPP086	174	'6433302_/_6433314'	6.67		6.67	6.67	0.88	0.9	6.67	4.49 No	0.88 Thermal Discharging
UPP086	175	'6431341_/_6433872_2'		10	10	10	1.32	1.4	10	6.73 No	1.32 Thermal Discharging
UPP086	176	'6432505_/_6432519_1'		10	10	10	1.32	2.2	10	6.73 No	1.32 Thermal Discharging
UPP086	177	'6480071_/_43921005'		10	10	10	1.32	10	10	6.73 No	1.32 Thermal Discharging
UPP086	178	'6434924_/_6434977'		10	10	10	1.32	1.4	10	6.73 No	1.32 Thermal Discharging
UPP086	179	'37974328_/_9029075'		10	10	10	1.32	0.9	10	6.73 No	0.9 Element Fault
UPP086	180	'405326695_/_37974325'		10	10	10	1.32	0.9	10	6.73 No	0.9 Element Fault
UPP086	181	'405326696_/_405326693'		10	10	10	1.32	0.9	10	6.73 No	0.9 Element Fault
UPP086	182	'37974314_/_37974318'		10	10	10	1.32	0.9	10	6.73 No	0.9 Element Fault
UPP086	183	'37974342_/_37974346'		10	10	10	1.32	0.9	10	6.73 No	0.9 Element Fault
UPP086	184	'69397976_/_43920903_1'	6.67		6.67	6.67	0.88	0.9	6.67	4.49 No	0.88 Thermal Discharging
UPP086	185	'6481720_/_6481717'		10	10	10	1.32	10	10	6.73 No	1.32 Thermal Discharging
UPP086	186	'6432488_/_6432502'		10	10	10	1.32	2.2	10	6.73 No	1.32 Thermal Discharging
UPP086	187	'6433797_/_43916962'	6.67		6.67	6.67	0.88	0.9	6.67	4.49 No	0.88 Thermal Discharging
UPP086	188	'7763403_/_8399352_2'	3.33		3.33	3.33	0.44	0.47	3.33	2.24 No	0.44 Thermal Discharging
UPP086	189	'6433347_/_6433345'	3.33		3.33	3.33	0.44	0.45	3.33	2.24 No	0.44 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over- Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
UPP086	190	'50284319_/_6432697_1'	3.33		3.33	3.33	0.44	0.3	3.33	2.24 No	0.3 Element Fault
UPP086	191	'6483792_/_6483907'	10		10	10	1.32	10	10	6.73 No	1.32 Thermal Discharging
UPP086	192	'6433459_/_6433456'	10		10	10	1.32	1.4	10	6.73 No	1.32 Thermal Discharging
UPP086	193	'7450043_/_7450040'	10		10	10	1.32	0.9	10	6.73 No	0.9 Element Fault
UPP086	194	'6433579_/_6433576_2'	6.67		6.67	6.67	0.88	0.9	6.67	4.49 No	0.88 Thermal Discharging
UPP086	195	'6432471_/_6432485'	10		10	10	1.32	2.2	10	6.73 No	1.32 Thermal Discharging
UPP086	196	'8710901_/_9656389'	2.33		3.33	3.33	0.44	0.37	3.33	2.24 No	0.37 Element Fault
UPP086	197	'65607228_/_6483803_1'	3.33		3.33	3.33	0.44	0.4	3.33	2.24 No	0.4 Element Fault
UPP086	198	'6483927_/_6483924'	10		10	10	1.32	10	10	6.73 No	1.32 Thermal Discharging
UPP086	199	'8084682_/_8084679_1'	10		10	10	1.32	0.9	10	6.73 No	0.9 Element Fault
UPP086	200	'43915655_/_6433855_2'	10		10	10	1.32	1.4	10	6.73 No	1.32 Thermal Discharging
UPP086	201	'6433828_/_6434921_2'	10		10	10	1.32	1.4	10	6.73 No	1.32 Thermal Discharging
UPP086	202	'6431340_/_6431338'	10		10	10	1.32	1.4	10	6.73 No	1.32 Thermal Discharging
UPP086	203	'65607488_/_6483941'	10		10	10	1.32	10	10	6.73 No	1.32 Thermal Discharging
UPP086	204	'43920901_/_43920903_2'	6.67		6.67	6.67	0.88	0.9	6.67	4.49 No	0.88 Thermal Discharging
UPP086	205	'6483877_/_6483874_2'	6.67		6.67	6.67	0.88	2.1	6.67	4.49 No	0.88 Thermal Discharging
UPP086	206	'6479844_/_6479859_3'	6.67		6.67	6.67	0.88	0.9	6.67	4.49 No	0.88 Thermal Discharging
UPP086	207	'43920957_/_6481734'	10		10	10	1.32	10	10	6.73 No	1.32 Thermal Discharging
UPP086	208	'6433493_/_6434921_1'	10		10	10	1.32	0.9	10	6.73 No	0.9 Element Fault
UPP086	209	'6433284_/_6433299'	6.67		6.67	6.67	0.88	0.9	6.67	4.49 No	0.88 Thermal Discharging
UPP086	210	'6432454_/_6432468'	10		10	10	1.32	2.2	10	6.73 No	1.32 Thermal Discharging
UPP086	211	'8399371_/_8399368_1'	6.67		6.67	6.67	0.88	0.6	6.67	4.49 No	0.6 Element Fault
UPP086	212	'6435120_/_6435117'	6.67		6.67	6.67	0.88	2.1	6.67	4.49 No	0.88 Thermal Discharging
UPP086	213	'43921016_/_43920959'	10		10	10	1.32	10	10	6.73 No	1.32 Thermal Discharging
UPP086	214	'102077429_/_65607400_1'	3.33		3.33	3.33	0.44	0.4	3.33	2.24 No	0.4 Element Fault
UPP086	215	'43916024_/_6431527'	10		10	10	1.32	1.4	10	6.73 No	1.32 Thermal Discharging
UPP086	216	'6480418_/_43921018'	10		10	10	1.32	10	10	6.73 No	1.32 Thermal Discharging
UPP086	217	'6432434_/_6432451'	10		10	10	1.32	2.2	10	6.73 No	1.32 Thermal Discharging
UPP086	218	'43920970_/_65607400_2'	3.33		3.33	3.33	0.44	0.4	3.33	2.24 No	0.4 Element Fault
UPP086	219	'6433118_/_6433128'	3.33		3.33	3.33	0.44	0.45	3.33	2.24 No	0.44 Thermal Discharging
UPP086	220	'6432989_/_6433012'	3.33		3.33	3.33	0.44	0.4	3.33	2.24 No	0.4 Element Fault
UPP086	221	'497065648_/_468311972_2'	10		10	10	1.32	1.4	10	6.73 No	1.32 Thermal Discharging
UPP086	222	'6480143_/_6483803_2'	3.33		3.33	3.33	0.44	0.4	3.33	2.24 No	0.4 Element Fault
UPP086	223	'6432712_/_6432697_2'	3.33		3.33	3.33	0.44	0.3	3.33	2.24 No	0.3 Element Fault
UPP086	224	'43921029_/_6481967'	10		10	10	1.32	10	10	6.73 No	1.32 Thermal Discharging
UPP086	225	'6433476_/_6433473'	10		10	10	1.32	1.4	10	6.73 No	1.32 Thermal Discharging
UPP086	226	'9029058_/_9029055'	10		10	10	1.32	0.9	10	6.73 No	0.9 Element Fault
UPP086	227	'6479756_/_6479877'	6.67		6.67	6.67	0.88	0.9	6.67	4.49 No	0.88 Thermal Discharging
UPP086	228	'6432862_/_6432877_1'	6.67		6.67	6.67	0.88	0.5	6.67	4.49 No	0.5 Element Fault
UPP086	229	'6431496_/_6431510'	10		10	10	1.32	1.4	10	6.73 No	1.32 Thermal Discharging
UPP086	230	'43916742_/_6432697_3'	3.33		3.33	3.33	0.44	0.3	3.33	2.24 No	0.3 Element Fault
UPP086	231	'6480419_/_6480416_1'	6.67		6.67	6.67	0.88	0.9	6.67	4.49 No	0.88 Thermal Discharging
UPP086	232	'6432417_/_6432431'	10		10	10	1.32	2.2	10	6.73 No	1.32 Thermal Discharging
UPP086	233	'6435141_/_6435138'	6.67		6.67	6.67	0.88	2.1	6.67	4.49 No	0.88 Thermal Discharging
UPP086	234	'6432895_/_6432905_1'	3.33		3.33	3.33	0.44	0.3	3.33	2.24 No	0.3 Element Fault
UPP086	235	'6483838_/_6483874_1'	6.67		6.67	6.67	0.88	0.9	6.67	4.49 No	0.88 Thermal Discharging
UPP086	236	'6431547_/_6431544'	10		10	10	1.32	1.4	10	6.73 No	1.32 Thermal Discharging
UPP086	237	'9695209_/_9698196_1'	10		10	10	1.32	0.9	10	6.73 No	0.9 Element Fault
UPP086	238	'43916875_/_6433507'	6.67		6.67	6.67	0.88	0.6	6.67	4.49 No	0.6 Element Fault
UPP086	239	'43920738_/_43920740'	3.33		3.33	3.33	0.44	0.4	3.33	2.24 No	0.4 Element Fault
UPP086	240	'43916849_/_43916851'	10		10	10	1.32	0.9	10	6.73 No	0.9 Element Fault
UPP086	241	'6480404_/_6480416_2'	6.67		6.67	6.67	0.88	0.9	6.67	4.49 No	0.88 Thermal Discharging
UPP086	242	'6432397_/_6432414'	10		10	10	1.32	2.2	10	6.73 No	1.32 Thermal Discharging
UPP086	243	'6483864_/_6483958_1'	3.33		3.33	3.33	0.44	0.3	3.33	2.24 No	0.3 Element Fault
UPP086	244	'7763292_/_468311972_1'	10		10	10	1.32	0.9	10	6.73 No	0.9 Element Fault
UPP086	245	'6480024_/_6480034'	3.33		3.33	3.33	0.44	0.45	3.33	2.24 No	0.44 Thermal Discharging
UPP086	246	'6432847_/_6432877_2'	6.67		6.67	6.67	0.88	0.5	6.67	4.49 No	0.5 Element Fault
UPP086	247	'6480144_/_6480141'	3.33		3.33	3.33	0.44	0.4	3.33	2.24 No	0.4 Element Fault
UPP086	248	'9698199_/_9698196_2'	10		10	10	1.32	0.9	10	6.73 No	0.9 Element Fault
UPP086	249	'43920749_/_43920751'	6.67		6.67	6.67	0.88	0.9	6.67	4.49 No	0.88 Thermal Discharging
UPP086	250	'6433269_/_6433281'	6.67		6.67	6.67	0.88	0.9	6.67	4.49 No	0.88 Thermal Discharging
UPP086	251	'6479757_/_6479754'	3.33		3.33	3.33	0.44	0.45	3.33	2.24 No	0.44 Thermal Discharging
UPP086	252	'6480386_/_6480416_3'	6.67		6.67	6.67	0.88	0.9	6.67	4.49 No	0.88 Thermal Discharging
UPP086	253	'43916037_/_43916039'	10		10	10	1.32	1.4	10	6.73 No	1.32 Thermal Discharging
UPP086	254	'6432380_/_6432394'	10		10	10	1.32	2.2	10	6.73 No	1.32 Thermal Discharging
UPP086	255	'6432726_/_43916744'	3.33		3.33	3.33	0.44	0.3	3.33	2.24 No	0.3 Element Fault
UPP086	256	'43916862_/_43916864'	10		10	10	1.32	0.9	10	6.73 No	0.9 Element Fault
UPP086	257	'6480196_/_43920972'	3.33		3.33	3.33	0.44	0.4	3.33	2.24 No	0.4 Element Fault
UPP086	258	'6433117_/_6433115'	3.33		3.33	3.33	0.44	0.45	3.33	2.24 No	0.44 Thermal Discharging
UPP086	259	'6480577_/_7109485'	10		10	10	1.32	1.4	10	6.73 No	1.32 Thermal Discharging
UPP086	260	'43924763_/_6483958_2'	3.33		3.33	3.33	0.44	0.3	3.33	2.24 No	0.3 Element Fault
UPP086	261	'6432363_/_6432377'	10		10	10	1.32	2.2	10	6.73 No	1.32 Thermal Discharging
UPP086	262	'6433812_/_43916877'	3.33		3.33	3.33	0.44	0.3	3.33	2.24 No	0.3 Element Fault
UPP086	263	'6480564_/_6480561_2'	3.33		3.33	3.33	0.44	0.47	3.33	2.24 No	0.44 Thermal Discharging
UPP086	264	'6432908_/_6432905_2'	3.33		3.33	3.33	0.44	0.3	3.33	2.24 No	0.3 Element Fault
UPP086	265	'6433251_/_6433266'	6.67		6.67	6.67	0.88	0.9	6.67	4.49 No	0.88 Thermal Discharging
UPP086	266	'6433594_/_6433591'	6.67		6.67	6.67	0.88	0.9	6.67	4.49 No	0.88 Thermal Discharging
UPP086	267	'8710465_/_8710462'	10		10	10	1.32	0.9	10	6.73 No	0.9 Element Fault
UPP086	268	'6434051_/_6434049'	10		10	10	1.32	0.9	10	6.73 No	0.9 Element Fault
UPP086	269	'6480452_/_6480449'	3.33		3.33	3.33	0.44	0.45	3.33	2.24 No	0.44 Thermal Discharging
UPP086	270	'6432346_/_6432360'	10		10	10	1.32	2.2	10	6.73 No	1.32 Thermal Discharging
UPP086	271	'388244137_/_388244135'	3.33		3.33	3.33	0.44	0.45	3.33	2.24 No	0.44 Thermal Discharging
UPP086	272	'8710881_/_8710898_1'	1.7		3.33	3.33	0.44	0.37	3.33	2.24 No	0.37 Element Fault
UPP086	273	'6432846_/_6432844'	6.67		6.67	6.67	0.88	0.5	6.67	4.49 No	0.5 Element Fault
UPP086	274	'6479772_/_6479892'	6.67		6.67	6.67	0.88	0.9	6.67	4.49 No	0.88 Thermal Discharging
UPP086	275	'8710392_/_8399368_2'	6.67		6.67	6.67	0.88	0.6	6.67	4.49 No	0.6 Element Fault
UPP086	276	'6480011_/_6480021'	3.33		3.33	3.33	0.44	0.45	3.33	2.24 No	0.44 Thermal Discharging
UPP086	277	'6433332_/_6433329'	3.27		3.33	3.33	0.44	0.45	3.33	2.24 No	0.44 Thermal Discharging
UPP086	278	'6432329_/_6432343'	10		10	10	1.32	2.2	10	6.73 No	1.32 Thermal Discharging
UPP086	279	'43916764_/_43916766'	3.33		3.33	3.33	0.44	0.4	3.33	2.24 No	0.4 Element Fault
UPP086	280	'6432742_/_6432739'	3.33		3.33	3.33	0.44	0.3	3.33	2.24 No	0.3 Element Fault
UPP086	281	'6433172_/_6433182_1'	3.33		3.33	3.33	0.44	0.1	3.33	2.24 No	0.1 Element Fault
UPP086	282	'6480128_/_6483835'	3.33		3.33	3.33	0.44	0.45	3.33	2.24 No	0.44 Thermal Discharging
UPP086	283	'8084681_/_8084679_2'	8.1		10	10	1.32	0.9	10	6.73 No	0.9 Element Fault

Feeder Name	Feeder ID	Node	Primary Over- Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
UPP086	284	'6480368_/_6480383'	6.67	6.67	6.67	0.88	0.9	6.67	4.49 No	0.88	Thermal Discharging
UPP086	285	'457254528_/_43914286_1'	3.03	3.33	3.33	0.44	0.45	3.33	2.24 No	0.44	Thermal Discharging
UPP086	286	'6479644_/_6479657'	3.33	3.33	3.33	0.44	0.4	3.33	2.24 No	0.4	Element Fault
UPP086	287	'6480563_/_6480561_1'	2.73	3.33	3.33	0.44	0.3	3.33	2.24 No	0.3	Element Fault
UPP086	288	'43916997_/_6433606'	6.67	6.67	6.67	0.88	0.9	6.67	4.49 No	0.88	Thermal Discharging
UPP086	289	'6432162_/_6433182_2'	3.33	3.33	3.33	0.44	0.1	3.33	2.24 No	0.1	Element Fault
UPP086	290	'43920946_/_6480154'	3.33	3.33	3.33	0.44	0.4	3.33	2.24 No	0.4	Element Fault
UPP086	291	'6432312_/_6432326'	10	10	10	1.32	2.2	10	6.73 No	1.32	Thermal Discharging
UPP086	292	'6480527_/_6480524'	7.3	10	10	1.32	1.4	10	6.73 No	1.32	Thermal Discharging
UPP086	293	'6433250_/_6433248'	5.13	6.67	6.67	0.88	0.9	6.67	4.49 No	0.88	Thermal Discharging
UPP086	294	'6431462_/_6431476'	10	10	10	1.32	1.4	10	6.73 No	1.32	Thermal Discharging
UPP086	295	'6437386_/_6437396'	3.33	3.33	3.33	0.44	0.3	3.33	2.24 No	0.3	Element Fault
UPP086	296	'6434130_/_43914499'	8.3	10	10	1.32	0.9	10	6.73 No	0.9	Element Fault
UPP086	297	'6479815_/_6479828'	3.33	3.33	3.33	0.44	0.45	3.33	2.24 No	0.44	Thermal Discharging
UPP086	298	'6432311_/_6432309'	10	10	10	1.32	2.2	10	6.73 No	1.32	Thermal Discharging
UPP086	299	'6435159_/_6435156'	7.7	10	10	1.32	0.9	10	6.73 No	0.9	Element Fault
UPP086	300	'43920981_/_6480206'	3.33	3.33	3.33	0.44	0.4	3.33	2.24 No	0.4	Element Fault
UPP086	301	'6483976_/_6483974'	2.4	3.33	3.33	0.44	0.3	3.33	2.24 No	0.3	Element Fault
UPP086	302	'6432136_/_6433141'	3.33	3.33	3.33	0.44	0.1	3.33	2.24 No	0.1	Element Fault
UPP086	303	'6432755_/_6432752'	3.33	3.33	3.33	0.44	0.3	3.33	2.24 No	0.3	Element Fault
UPP086	304	'6435179_/_43914286_2'	2.53	3.33	3.33	0.44	0.45	3.33	2.24 No	0.44	Thermal Discharging
UPP086	305	'6484243_/_6484240'	3.33	3.33	3.33	0.44	0.45	3.33	2.24 No	0.44	Thermal Discharging
UPP086	306	'6438082_/_6438095'	3.33	3.33	3.33	0.44	0.45	3.33	2.24 No	0.44	Thermal Discharging
UPP086	307	'6432292_/_6435518'	10	10	10	1.32	2.2	10	6.73 No	1.32	Thermal Discharging
UPP086	308	'8710545_/_8710542'	6.6	10	10	1.32	0.9	10	6.73 No	0.9	Element Fault
UPP086	309	'6479910_/_6479907'	6.67	6.67	6.67	0.88	0.9	6.67	4.49 No	0.88	Thermal Discharging
UPP086	310	'6479773_/_6479770'	3.33	3.33	3.33	0.44	0.45	3.33	2.24 No	0.44	Thermal Discharging
UPP086	311	'6484006_/_6484032'	3.33	3.33	3.33	0.44	0.45	3.33	2.24 No	0.44	Thermal Discharging
UPP086	312	'43916050_/_6431459'	10	10	10	1.32	1.4	10	6.73 No	1.32	Thermal Discharging
UPP086	313	'6480367_/_6480365'	6.67	6.67	6.67	0.88	0.9	6.67	4.49 No	0.88	Thermal Discharging
UPP086	314	'68528580_/_43916999'	6.67	6.67	6.67	0.88	0.9	6.67	4.49 No	0.88	Thermal Discharging
UPP086	315	'6432291_/_6432289'	10	10	10	1.32	2.2	10	6.73 No	1.32	Thermal Discharging
UPP086	316	'6480115_/_6480125'	3.33	3.33	3.33	0.44	0.45	3.33	2.24 No	0.44	Thermal Discharging
UPP086	317	'8710565_/_8710562'	6.3	10	10	1.32	0.9	10	6.73 No	0.9	Element Fault
UPP086	318	'6432161_/_6433182_3'	3.33	3.33	3.33	0.44	0.1	3.33	2.24 No	0.1	Element Fault
UPP086	319	'6432589_/_6432586'	10	10	10	1.32	2.2	10	6.73 No	1.32	Thermal Discharging
UPP086	320	'6480544_/_6480541'	6.1	10	10	1.32	1.4	10	6.73 No	1.32	Thermal Discharging
UPP086	321	'629794370_/_629794367'	10	10	10	1.32	1.4	10	6.73 No	1.32	Thermal Discharging
UPP086	322	'43920913_/_43920915'	3.33	3.33	3.33	0.44	0.45	3.33	2.24 No	0.44	Thermal Discharging
UPP086	323	'43920890_/_43920892'	3.33	3.33	3.33	0.44	0.45	3.33	2.24 No	0.44	Thermal Discharging
UPP086	324	'6433105_/_6438079'	3.13	3.33	3.33	0.44	0.45	3.33	2.24 No	0.44	Thermal Discharging
UPP086	325	'6431832_/_6432609'	10	10	10	1.32	2.2	10	6.73 No	1.32	Thermal Discharging
UPP086	326	'435367390_/_43916585_2'	3.33	3.33	3.33	0.44	0.73	3.33	2.24 No	0.44	Thermal Discharging
UPP086	327	'43920727_/_43920729'	3.33	3.33	3.33	0.44	0.4	3.33	2.24 No	0.4	Element Fault
UPP086	328	'6481244_/_6484019'	3.33	3.33	3.33	0.44	0.45	3.33	2.24 No	0.44	Thermal Discharging
UPP086	329	'6432963_/_6432973'	2.9	3.33	3.33	0.44	0.4	3.33	2.24 No	0.4	Element Fault
UPP086	330	'6480157_/_43920948'	3.33	3.33	3.33	0.44	0.4	3.33	2.24 No	0.4	Element Fault
UPP086	331	'6432239_/_6433154'	6.67	6.67	6.67	0.88	0.5	6.67	4.49 No	0.5	Element Fault
UPP086	332	'6483627_/_6483987'	2.1	3.33	3.33	0.44	0.3	3.33	2.24 No	0.3	Element Fault
UPP086	333	'37974454_/_9029153'	5.8	10	10	1.32	0.9	10	6.73 No	0.9	Element Fault
UPP086	334	'43916731_/_43916733'	3.33	3.33	3.33	0.44	0.3	3.33	2.24 No	0.3	Element Fault
UPP086	335	'37974419_/_37974458'	5.8	10	10	1.32	0.9	10	6.73 No	0.9	Element Fault
UPP086	336	'37974440_/_37974444'	5.8	10	10	1.32	0.9	10	6.73 No	0.9	Element Fault
UPP086	337	'37974426_/_37974430'	5.8	10	10	1.32	0.9	10	6.73 No	0.9	Element Fault
UPP086	338	'37974412_/_37974416'	5.8	10	10	1.32	0.9	10	6.73 No	0.9	Element Fault
UPP086	339	'87959324_/_43916596_3'	3.33	3.33	3.33	0.44	0.73	3.33	2.24 No	0.44	Thermal Discharging
UPP086	340	'6431820_/_43916596_2'	3.33	3.33	3.33	0.44	0.3	3.33	2.24 No	0.3	Element Fault
UPP086	341	'43920592_/_6479925'	6.67	6.67	6.67	0.88	0.9	6.67	4.49 No	0.88	Thermal Discharging
UPP086	342	'6432240_/_6432237_1'	3.33	3.33	3.33	0.44	0.1	3.33	2.24 No	0.1	Element Fault
UPP086	343	'6479802_/_6479812'	3.33	3.33	3.33	0.44	0.45	3.33	2.24 No	0.44	Thermal Discharging
UPP086	344	'8399469_/_8399466'	5.7	10	10	1.32	0.9	10	6.73 No	0.9	Element Fault
UPP086	345	'6432123_/_6432133'	3.07	3.33	3.33	0.44	0.1	3.33	2.24 No	0.1	Element Fault
UPP086	346	'6431445_/_6431443'	3.33	3.33	3.33	0.44	0.47	3.33	2.24 No	0.44	Thermal Discharging
UPP086	347	'6479786_/_6479783'	3.33	3.33	3.33	0.44	0.45	3.33	2.24 No	0.44	Thermal Discharging
UPP086	348	'8084821_/_8399506'	5.6	10	10	1.32	0.9	10	6.73 No	0.9	Element Fault
UPP086	349	'7450026_/_8399352_1'	2.13	3.33	3.33	0.44	0.3	3.33	2.24 No	0.3	Element Fault
UPP086	350	'6483821_/_6483819'	3.33	3.33	3.33	0.44	0.45	3.33	2.24 No	0.44	Thermal Discharging
UPP086	351	'6480490_/_6480509'	6.67	6.67	6.67	0.88	0.9	6.67	4.49 No	0.88	Thermal Discharging
UPP086	352	'6433104_/_6433102'	2.43	3.33	3.33	0.44	0.45	3.33	2.24 No	0.44	Thermal Discharging
UPP086	353	'6482412_/_6482409'	5.3	10	10	1.32	1.4	10	6.73 No	1.32	Thermal Discharging
UPP086	354	'8399196_/_8399194'	2.4	6.67	6.67	0.88	0.6	6.67	4.49 No	0.6	Element Fault
UPP086	355	'6480222_/_43920983'	3.33	3.33	3.33	0.44	0.4	3.33	2.24 No	0.4	Element Fault
UPP086	356	'6433638_/_6433636'	4.8	6.67	6.67	0.88	0.9	6.67	4.49 No	0.88	Thermal Discharging
UPP086	357	'43916685_/_6432172'	2.53	3.33	3.33	0.44	0.1	3.33	2.24 No	0.1	Element Fault
UPP086	358	'6483628_/_6483625'	1.93	3.33	3.33	0.44	0.3	3.33	2.24 No	0.3	Element Fault
UPP086	359	'6484005_/_6484003'	3.33	3.33	3.33	0.44	0.45	3.33	2.24 No	0.44	Thermal Discharging
UPP086	360	'6432252_/_6432237_2'	2.53	3.33	3.33	0.44	0.1	3.33	2.24 No	0.1	Element Fault
UPP086	361	'43916594_/_43916596_1'	3.33	3.33	3.33	0.44	0.3	3.33	2.24 No	0.3	Element Fault
UPP086	362	'43924369_/_6481242'	3.33	3.33	3.33	0.44	0.45	3.33	2.24 No	0.44	Thermal Discharging
UPP086	363	'43920935_/_43920937'	3.33	3.33	3.33	0.44	0.45	3.33	2.24 No	0.44	Thermal Discharging
UPP086	364	'6432687_/_6437409'	2.7	3.33	3.33	0.44	0.3	3.33	2.24 No	0.3	Element Fault
UPP086	365	'6432629_/_6432626'	10	10	10	1.32	2.2	10	6.73 No	1.32	Thermal Discharging
UPP086	366	'6479728_/_6479799'	3.33	3.33	3.33	0.44	0.45	3.33	2.24 No	0.44	Thermal Discharging
UPP086	367	'6431754_/_6431751_2'	6.67	6.67	6.67	0.88	1.47	6.67	4.49 No	0.88	Thermal Discharging
UPP086	368	'43916583_/_43916585_1'	3.33	3.33	3.33	0.44	0.3	3.33	2.24 No	0.3	Element Fault
UPP086	369	'6480086_/_6480099'	3.33	3.33	3.33	0.44	0.45	3.33	2.24 No	0.44	Thermal Discharging
UPP086	370	'6480010_/_6480008'	3.33	3.33	3.33	0.44	0.45	3.33	2.24 No	0.44	Thermal Discharging
UPP086	371	'6432660_/_6435535'	3.33	3.33	3.33	0.44	0.3	3.33	2.24 No	0.3	Element Fault
UPP086	372	'6431981_/_6432826'	4.27	6.67	6.67	0.88	0.5	6.67	4.49 No	0.5	Element Fault
UPP086	373	'6479615_/_6479628'	2.43	3.33	3.33	0.44	0.4	3.33	2.24 No	0.4	Element Fault
UPP086	374	'6432266_/_6432263'	2.27	3.33	3.33	0.44	0.1	3.33	2.24 No	0.1	Element Fault
UPP086	375	'6481230_/_43920594'	4.87	6.67	6.67	0.88	0.9	6.67	4.49 No	0.88	Thermal Discharging
UPP086	376	'43920992_/_6480261'	3.33	3.33	3.33	0.44	0.4	3.33	2.24 No	0.4	Element Fault
UPP086	377	'6432122_/_6432120'	2.13	3.33	3.33	0.44	0.1	3.33	2.24 No	0.1	Element Fault

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
UPP086	378	'6431982_/_6431979_1'		2.03	3.33	3.33	0.44	0.1	3.33	2.24 No	0.1 Element Fault
UPP086	379	'6432920_/_6432960'		2	3.33	3.33	0.44	0.4	3.33	2.24 No	0.4 Element Fault
UPP086	380	'69395779_/_6433654'		3.93	6.67	6.67	0.88	0.9	6.67	4.49 No	0.88 Thermal Discharging
UPP086	381	'6433938_/_6431979_2'		1.97	3.33	3.33	0.44	0.1	3.33	2.24 No	0.1 Element Fault
UPP086	382	'6480235_/_6480245'		3.33	3.33	3.33	0.44	0.4	3.33	2.24 No	0.4 Element Fault
UPP086	383	'8084822_/_8084819'		4.6	10	10	1.32	0.9	10	6.73 No	0.9 Element Fault
UPP086	384	'6434010_/_6434023'		3.33	3.33	3.33	0.44	0.3	3.33	2.24 No	0.3 Element Fault
UPP086	385	'43920760_/_6479725'		2.5	3.33	3.33	0.44	0.45	3.33	2.24 No	0.44 Thermal Discharging
UPP086	386	'6479614_/_6479612'		2.2	3.33	3.33	0.44	0.4	3.33	2.24 No	0.4 Element Fault
UPP086	387	'43920924_/_43920926'		2.87	3.33	3.33	0.44	0.45	3.33	2.24 No	0.44 Thermal Discharging
UPP086	388	'6432188_/_6432185'		1.97	3.33	3.33	0.44	0.1	3.33	2.24 No	0.1 Element Fault
UPP086	389	'6481245_/_43924371'		3.33	3.33	3.33	0.44	0.45	3.33	2.24 No	0.44 Thermal Discharging
UPP086	390	'6432279_/_6432276_1'		2	3.33	3.33	0.44	0.1	3.33	2.24 No	0.1 Element Fault
UPP086	391	'6479744_/_6479741'		2.4	3.33	3.33	0.44	0.45	3.33	2.24 No	0.44 Thermal Discharging
UPP086	392	'115586250_/_6481214'		3.33	3.33	3.33	0.44	0.4	3.33	2.24 No	0.4 Element Fault
UPP086	393	'6432068_/_6432065'		2.63	3.33	3.33	0.44	0.3	3.33	2.24 No	0.3 Element Fault
UPP086	394	'6435658_/_6435655'		2.5	3.33	3.33	0.44	0.73	3.33	2.24 No	0.44 Thermal Discharging
UPP086	395	'6431753_/_6431751_1'		4.33	6.67	6.67	0.88	0.6	6.67	4.49 No	0.6 Element Fault
UPP086	396	'43916720_/_43916722'		2.07	3.33	3.33	0.44	0.3	3.33	2.24 No	0.3 Element Fault
UPP086	397	'107925459_/_6432276_2'		1.97	3.33	3.33	0.44	0.1	3.33	2.24 No	0.1 Element Fault
UPP086	398	'6480264_/_43920994'		3.33	3.33	3.33	0.44	0.4	3.33	2.24 No	0.4 Element Fault
UPP086	399	'6480114_/_6480112'		2.6	3.33	3.33	0.44	0.45	3.33	2.24 No	0.44 Thermal Discharging
UPP086	400	'7763364_/_7763361'		4.4	10	10	1.32	0.9	10	6.73 No	0.9 Element Fault
UPP086	401	'6432799_/_6432811'		3.6	6.67	6.67	0.88	0.5	6.67	4.49 No	0.5 Element Fault
UPP086	402	'43916753_/_6432918'		1.83	3.33	3.33	0.44	0.4	3.33	2.24 No	0.4 Element Fault
UPP086	403	'6480352_/_6480488'		4.87	6.67	6.67	0.88	0.9	6.67	4.49 No	0.88 Thermal Discharging
UPP086	404	'6432201_/_6432198'		1.8	3.33	3.33	0.44	0.1	3.33	2.24 No	0.1 Element Fault
UPP086	405	'6432661_/_6432658'		2.33	3.33	3.33	0.44	0.3	3.33	2.24 No	0.3 Element Fault
UPP086	406	'6480085_/_6480083'		2.27	3.33	3.33	0.44	0.45	3.33	2.24 No	0.44 Thermal Discharging
UPP086	407	'6433691_/_43917034'		1.73	3.33	3.33	0.44	0.45	3.33	2.24 No	0.44 Thermal Discharging
UPP086	408	'6482087_/_6482084'		3.8	6.67	6.67	0.88	0.9	6.67	4.49 No	0.88 Thermal Discharging
UPP086	409	'6431969_/_6433935'		1.73	3.33	3.33	0.44	0.1	3.33	2.24 No	0.1 Element Fault
UPP086	410	'6434009_/_6434007'		2.27	3.33	3.33	0.44	0.3	3.33	2.24 No	0.3 Element Fault
UPP086	411	'413881734_/_7109610_1'		1.73	3.33	3.33	0.44	0.3	3.33	2.24 No	0.3 Element Fault
UPP086	412	'7449990_/_7763309'		1.6	3.33	3.33	0.44	0.3	3.33	2.24 No	0.3 Element Fault
UPP086	413	'43916605_/_6432947'		1.73	3.33	3.33	0.44	0.4	3.33	2.24 No	0.4 Element Fault
UPP086	414	'6432781_/_6432796'		3.33	6.67	6.67	0.88	0.5	6.67	4.49 No	0.5 Element Fault
UPP086	415	'6480234_/_6480232'		2.5	3.33	3.33	0.44	0.4	3.33	2.24 No	0.4 Element Fault
UPP086	416	'8399230_/_8399228'		2.47	6.67	6.67	0.88	0.6	6.67	4.49 No	0.6 Element Fault
UPP086	417	'43925175_/_6484815'		2.4	3.33	3.33	0.44	0.4	3.33	2.24 No	0.4 Element Fault
UPP086	418	'6432934_/_43916755'		1.7	3.33	3.33	0.44	0.4	3.33	2.24 No	0.4 Element Fault
UPP086	419	'6432084_/_6432081'		2.07	3.33	3.33	0.44	0.3	3.33	2.24 No	0.3 Element Fault
UPP086	420	'6434214_/_6434212'		1.63	3.33	3.33	0.44	0.4	3.33	2.24 No	0.4 Element Fault
UPP086	421	'6432674_/_6432671'		2	3.33	3.33	0.44	0.3	3.33	2.24 No	0.3 Element Fault
UPP086	422	'6480339_/_6480349'		2	3.33	3.33	0.44	0.45	3.33	2.24 No	0.44 Thermal Discharging
UPP086	423	'6432686_/_6432684'		1.73	3.33	3.33	0.44	0.3	3.33	2.24 No	0.3 Element Fault
UPP086	424	'6433977_/_6433992'		3.47	6.67	6.67	0.88	0.6	6.67	4.49 No	0.6 Element Fault
UPP086	425	'6432227_/_6432211'		1.6	3.33	3.33	0.44	0.1	3.33	2.24 No	0.1 Element Fault
UPP086	426	'43916651_/_43916653'		1.57	3.33	3.33	0.44	0.1	3.33	2.24 No	0.1 Element Fault
UPP086	427	'6482060_/_7109610_2'		1.53	3.33	3.33	0.44	0.3	3.33	2.24 No	0.3 Element Fault
UPP086	428	'7449991_/_7449988'		1.43	3.33	3.33	0.44	0.3	3.33	2.24 No	0.3 Element Fault
UPP086	429	'8399197_/_8710390'		1.23	3.33	3.33	0.44	0.3	3.33	2.24 No	0.3 Element Fault
UPP086	430	'6432950_/_43916607'		1.53	3.33	3.33	0.44	0.4	3.33	2.24 No	0.4 Element Fault
UPP086	431	'6432037_/_6432778'		2.93	6.67	6.67	0.88	0.5	6.67	4.49 No	0.5 Element Fault
UPP086	432	'6480661_/_6482099'		3.13	6.67	6.67	0.88	0.9	6.67	4.49 No	0.88 Thermal Discharging
UPP086	433	'6483614_/_43925177'		1.97	3.33	3.33	0.44	0.4	3.33	2.24 No	0.4 Element Fault
UPP086	434	'115586538_/_43916063'		1.5	3.33	3.33	0.44	0.4	3.33	2.24 No	0.4 Element Fault
UPP086	435	'6431570_/_9656483'		2.47	6.67	6.67	0.88	0.6	6.67	4.49 No	0.6 Element Fault
UPP086	436	'6482061_/_6482058'		1.47	3.33	3.33	0.44	0.3	3.33	2.24 No	0.3 Element Fault
UPP086	437	'6432097_/_6432094'		1.73	3.33	3.33	0.44	0.3	3.33	2.24 No	0.3 Element Fault
UPP086	438	'6482173_/_6483537_1'		1.53	3.33	3.33	0.44	0.3	3.33	2.24 No	0.3 Element Fault
UPP086	439	'6431943_/_6431953'		1.43	3.33	3.33	0.44	0.1	3.33	2.24 No	0.1 Element Fault
UPP086	440	'6432024_/_6432034'		1.47	3.33	3.33	0.44	0.25	3.33	2.24 No	0.25 Element Fault
UPP086	441	'370788801_/_6432021'		1.47	3.33	3.33	0.44	0.25	3.33	2.24 No	0.25 Element Fault
UPP086	442	'6431739_/_6433974'		3.07	6.67	6.67	0.88	0.6	6.67	4.49 No	0.6 Element Fault
UPP086	443	'8399323_/_9029039'		1.2	3.33	3.33	0.44	0.3	3.33	2.24 No	0.3 Element Fault
UPP086	444	'43916673_/_6432047'		2.73	6.67	6.67	0.88	0.5	6.67	4.49 No	0.5 Element Fault
UPP086	445	'6432011_/_370788825'		1.4	3.33	3.33	0.44	0.25	3.33	2.24 No	0.25 Element Fault
UPP086	446	'43921076_/_43921078'		1.6	3.33	3.33	0.44	0.45	3.33	2.24 No	0.44 Thermal Discharging
UPP086	447	'6432110_/_6432107'		1.6	3.33	3.33	0.44	0.3	3.33	2.24 No	0.3 Element Fault
UPP086	448	'6432767_/_6432765'		1.4	3.33	3.33	0.44	0.25	3.33	2.24 No	0.25 Element Fault
UPP086	449	'6435585_/_6435582'		1.4	3.33	3.33	0.44	0.4	3.33	2.24 No	0.4 Element Fault
UPP086	450	'6482172_/_6483537_2'		1.47	3.33	3.33	0.44	0.3	3.33	2.24 No	0.3 Element Fault
UPP086	451	'7763328_/_7763325'		1.27	3.33	3.33	0.44	0.3	3.33	2.24 No	0.3 Element Fault
UPP086	452	'6431738_/_6431736'		2.8	6.67	6.67	0.88	0.6	6.67	4.49 No	0.6 Element Fault
UPP086	453	'6431930_/_6431940'		1.3	3.33	3.33	0.44	0.1	3.33	2.24 No	0.1 Element Fault
UPP086	454	'6433845_/_6434238'		1.33	3.33	3.33	0.44	0.4	3.33	2.24 No	0.4 Element Fault
UPP086	455	'107925885_/_43916562_2'		1.4	3.33	3.33	0.44	0.3	3.33	2.24 No	0.3 Element Fault
UPP086	456	'6431569_/_6431567'		2.27	6.67	6.67	0.88	0.6	6.67	4.49 No	0.6 Element Fault
UPP086	457	'6483615_/_6483612'		1.63	3.33	3.33	0.44	0.4	3.33	2.24 No	0.4 Element Fault
UPP086	458	'6480662_/_6480659'		2.73	6.67	6.67	0.88	0.9	6.67	4.49 No	0.88 Thermal Discharging
UPP086	459	'6482074_/_6482071'		1.3	3.33	3.33	0.44	0.3	3.33	2.24 No	0.3 Element Fault
UPP086	460	'6432050_/_43916675'		2.53	6.67	6.67	0.88	0.5	6.67	4.49 No	0.5 Element Fault
UPP086	461	'6437463_/_6437461'		1.33	3.33	3.33	0.44	0.25	3.33	2.24 No	0.25 Element Fault
UPP086	462	'43916560_/_43916562_1'		1.4	3.33	3.33	0.44	0.2	3.33	2.24 No	0.2 Element Fault
UPP086	463	'6431995_/_6432008'		1.3	3.33	3.33	0.44	0.25	3.33	2.24 No	0.25 Element Fault
UPP086	464	'6431726_/_6431723_2'		1.4	3.33	3.33	0.44	0.2	3.33	2.24 No	0.2 Element Fault
UPP086	465	'6437516_/_6437422_3'		1.3	3.33	3.33	0.44	0.25	3.33	2.24 No	0.25 Element Fault
UPP086	466	'6435619_/_6435616'		1.3	3.33	3.33	0.44	0.4	3.33	2.24 No	0.4 Element Fault
UPP086	467	'115586523_/_6437422_2'		1.3	3.33	3.33	0.44	0.1	3.33	2.24 No	0.1 Element Fault
UPP086	468	'6431917_/_6431927'		1.23	3.33	3.33	0.44	0.1	3.33	2.24 No	0.1 Element Fault
UPP086	469	'6431725_/_6431723_1'		1.37	3.33	3.33	0.44	0.2	3.33	2.24 No	0.2 Element Fault
UPP086	470	'6431327_/_6431663'		1.27	3.33	3.33	0.44	0.4	3.33	2.24 No	0.4 Element Fault
UPP086	471	'6480748_/_6480745'		2.47	6.67	6.67	0.88	0.9	6.67	4.49 No	0.88 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
UPP086	472	'6431772_/_6431784'		2.53	6.67	6.67	0.88	0.6	6.67	4.49 No	0.6 Element Fault
UPP086	473	'6431904_/_6431914'		1.2	3.33	3.33	0.44	0.1	3.33	2.24 No	0.1 Element Fault
UPP086	474	'43916571_/_6431802'		2.47	6.67	6.67	0.88	0.6	6.67	4.49 No	0.6 Element Fault
UPP086	475	'6434188_/_6437474'		1.23	3.33	3.33	0.44	0.25	3.33	2.24 No	0.25 Element Fault
UPP086	476	'6437424_/_6437422_1'		1.2	3.33	3.33	0.44	0.1	3.33	2.24 No	0.1 Element Fault
UPP086	477	'43916662_/_43916664'		1.2	3.33	3.33	0.44	0.25	3.33	2.24 No	0.25 Element Fault
UPP086	478	'6480680_/_6480677'		1.23	3.33	3.33	0.44	0.45	3.33	2.24 No	0.44 Thermal Discharging
UPP086	479	'6435632_/_6435629'		1.2	3.33	3.33	0.44	0.4	3.33	2.24 No	0.4 Element Fault
UPP086	480	'67490140_/_9341692_1'		0.7	3.33	3.33	0.44	0.3	3.33	2.24 No	0.3 Element Fault
UPP086	481	'6431360_/_6431358'		1.17	3.33	3.33	0.44	0.4	3.33	2.24 No	0.4 Element Fault
UPP086	482	'6431891_/_6431901_2'		1.17	3.33	3.33	0.44	0.1	3.33	2.24 No	0.1 Element Fault
UPP086	483	'6431328_/_6431325'		1.17	3.33	3.33	0.44	0.4	3.33	2.24 No	0.4 Element Fault
UPP086	484	'43921431_/_6481198'		1.17	3.33	3.33	0.44	0.45	3.33	2.24 No	0.44 Thermal Discharging
UPP086	485	'6901517_/_7109548'		1.23	3.33	3.33	0.44	0.2	3.33	2.24 No	0.2 Element Fault
UPP086	486	'43916640_/_6431901_1'		1.13	3.33	3.33	0.44	0.1	3.33	2.24 No	0.1 Element Fault
UPP086	487	'43920502_/_43916573'		2.33	6.67	6.67	0.88	0.6	6.67	4.49 No	0.6 Element Fault
UPP086	488	'6435671_/_6435668'		1.13	3.33	3.33	0.44	0.4	3.33	2.24 No	0.4 Element Fault
UPP086	489	'6480765_/_6483472'		2.33	6.67	6.67	0.88	0.9	6.67	4.49 No	0.88 Thermal Discharging
UPP086	490	'6431771_/_6431769'		2.33	6.67	6.67	0.88	0.6	6.67	4.49 No	0.6 Element Fault
UPP086	491	'6437451_/_6437448'		1.13	3.33	3.33	0.44	0.1	3.33	2.24 No	0.1 Element Fault
UPP086	492	'6437502_/_6437500'		1.13	3.33	3.33	0.44	0.1	3.33	2.24 No	0.1 Element Fault
UPP086	493	'6431994_/_6431992'		1.13	3.33	3.33	0.44	0.25	3.33	2.24 No	0.25 Element Fault
UPP086	494	'6435644_/_43914556'		1.1	3.33	3.33	0.44	0.4	3.33	2.24 No	0.4 Element Fault
UPP086	495	'6901516_/_6901514'		1.17	3.33	3.33	0.44	0.2	3.33	2.24 No	0.2 Element Fault
UPP086	496	'6479420_/_43920504'		1.17	3.33	3.33	0.44	0.3	3.33	2.24 No	0.3 Element Fault
UPP086	497	'6480696_/_6480693'		1.1	3.33	3.33	0.44	0.45	3.33	2.24 No	0.44 Thermal Discharging
UPP086	498	'6480721_/_6480763'		1.1	3.33	3.33	0.44	0.45	3.33	2.24 No	0.44 Thermal Discharging
UPP086	499	'6434189_/_6434186'		1.1	3.33	3.33	0.44	0.25	3.33	2.24 No	0.25 Element Fault
UPP086	500	'6431846_/_6431888'		1.07	3.33	3.33	0.44	0.1	3.33	2.24 No	0.1 Element Fault
UPP086	501	'6437808_/_6437806'		1.1	3.33	3.33	0.44	0.1	3.33	2.24 No	0.1 Element Fault
UPP086	502	'6437550_/_6437547'		1.07	3.33	3.33	0.44	0.1	3.33	2.24 No	0.1 Element Fault
UPP086	503	'43914485_/_43914487'		2.13	6.67	6.67	0.88	0.6	6.67	4.49 No	0.6 Element Fault
UPP086	504	'6482117_/_6482114'		2.07	6.67	6.67	0.88	0.9	6.67	4.49 No	0.88 Thermal Discharging
UPP086	505	'6480722_/_6480719'		1.07	3.33	3.33	0.44	0.45	3.33	2.24 No	0.44 Thermal Discharging
UPP086	506	'6431875_/_6431872'		1.03	3.33	3.33	0.44	0.1	3.33	2.24 No	0.1 Element Fault
UPP086	507	'6481201_/_43921433'		1.07	3.33	3.33	0.44	0.45	3.33	2.24 No	0.44 Thermal Discharging
UPP086	508	'44012765_/_44012767'		1.1	3.33	3.33	0.44	0.2	3.33	2.24 No	0.2 Element Fault
UPP086	509	'6479421_/_6479418'		1.1	3.33	3.33	0.44	0.3	3.33	2.24 No	0.3 Element Fault
UPP086	510	'40946619_/_6437819'		1.03	3.33	3.33	0.44	0.1	3.33	2.24 No	0.1 Element Fault
UPP086	511	'6480607_/_6480706'		1.03	3.33	3.33	0.44	0.45	3.33	2.24 No	0.44 Thermal Discharging
UPP086	512	'6431845_/_6431843'		1	3.33	3.33	0.44	0.1	3.33	2.24 No	0.1 Element Fault
UPP086	513	'6437659_/_6437670'		1	3.33	3.33	0.44	0.25	3.33	2.24 No	0.25 Element Fault
UPP086	514	'6437594_/_6437592_1'		1	3.33	3.33	0.44	0.1	3.33	2.24 No	0.1 Element Fault
UPP086	515	'6901504_/_6901540'		1.03	3.33	3.33	0.44	0.2	3.33	2.24 No	0.2 Element Fault
UPP086	516	'6901485_/_7109561'		1.93	6.67	6.67	0.88	0.6	6.67	4.49 No	0.6 Element Fault
UPP086	517	'6481273_/_6482142'		1.93	6.67	6.67	0.88	0.9	6.67	4.49 No	0.88 Thermal Discharging
UPP086	518	'6480735_/_6480732'		0.97	3.33	3.33	0.44	0.45	3.33	2.24 No	0.44 Thermal Discharging
UPP086	519	'6901486_/_6901483'		1.87	6.67	6.67	0.88	0.6	6.67	4.49 No	0.6 Element Fault
UPP086	520	'115586569_/_6483651'		1	3.33	3.33	0.44	0.3	3.33	2.24 No	0.3 Element Fault
UPP086	521	'6437621_/_6437657'		0.93	3.33	3.33	0.44	0.25	3.33	2.24 No	0.25 Element Fault
UPP086	522	'6901530_/_6901527'		1	3.33	3.33	0.44	0.2	3.33	2.24 No	0.2 Element Fault
UPP086	523	'6480606_/_6480604'		0.93	3.33	3.33	0.44	0.45	3.33	2.24 No	0.44 Thermal Discharging
UPP086	524	'6901473_/_6901501'		1	3.33	3.33	0.44	0.2	3.33	2.24 No	0.2 Element Fault
UPP086	525	'6437565_/_6437592_2'		0.93	3.33	3.33	0.44	0.1	3.33	2.24 No	0.1 Element Fault
UPP086	526	'43924774_/_6482232'		0.93	3.33	3.33	0.44	0.45	3.33	2.24 No	0.44 Thermal Discharging
UPP086	527	'6482160_/_6482219'		0.93	3.33	3.33	0.44	0.45	3.33	2.24 No	0.44 Thermal Discharging
UPP086	528	'6437647_/_6437644_1'		0.93	3.33	3.33	0.44	0.1	3.33	2.24 No	0.1 Element Fault
UPP086	529	'115586743_/_6437644_2'		0.93	3.33	3.33	0.44	0.1	3.33	2.24 No	0.1 Element Fault
UPP086	530	'6437699_/_6437696'		0.93	3.33	3.33	0.44	0.1	3.33	2.24 No	0.1 Element Fault
UPP086	531	'6479434_/_6483664'		0.97	3.33	3.33	0.44	0.3	3.33	2.24 No	0.3 Element Fault
UPP086	532	'6431862_/_6431859'		0.9	3.33	3.33	0.44	0.1	3.33	2.24 No	0.1 Element Fault
UPP086	533	'6901457_/_6901470'		0.97	3.33	3.33	0.44	0.2	3.33	2.24 No	0.2 Element Fault
UPP086	534	'6480633_/_6480646'		0.93	3.33	3.33	0.44	0.45	3.33	2.24 No	0.44 Thermal Discharging
UPP086	535	'6437714_/_6437644_3'		0.9	3.33	3.33	0.44	0.1	3.33	2.24 No	0.1 Element Fault
UPP086	536	'6481320_/_6482157'		0.9	3.33	3.33	0.44	0.45	3.33	2.24 No	0.44 Thermal Discharging
UPP086	537	'43954180_/_7112558'		0.97	3.33	3.33	0.44	0.2	3.33	2.24 No	0.2 Element Fault
UPP086	538	'44012396_/_44012398'		0.93	3.33	3.33	0.44	0.2	3.33	2.24 No	0.2 Element Fault
UPP086	539	'6437607_/_6437631'		0.9	3.33	3.33	0.44	0.25	3.33	2.24 No	0.25 Element Fault
UPP086	540	'6479433_/_6479431'		0.93	3.33	3.33	0.44	0.3	3.33	2.24 No	0.3 Element Fault
UPP086	541	'6437566_/_6437563'		0.87	3.33	3.33	0.44	0.1	3.33	2.24 No	0.1 Element Fault
UPP086	542	'6481307_/_6481317'		0.9	3.33	3.33	0.44	0.45	3.33	2.24 No	0.44 Thermal Discharging
UPP086	543	'6437715_/_6437712'		0.87	3.33	3.33	0.44	0.1	3.33	2.24 No	0.1 Element Fault
UPP086	544	'43921467_/_43921469'		0.87	3.33	3.33	0.44	0.45	3.33	2.24 No	0.44 Thermal Discharging
UPP086	545	'6482248_/_43924776'		0.87	3.33	3.33	0.44	0.45	3.33	2.24 No	0.44 Thermal Discharging
UPP086	546	'6901428_/_6901438'		0.9	3.33	3.33	0.44	0.2	3.33	2.24 No	0.2 Element Fault
UPP086	547	'43952208_/_7109929'		0.87	3.33	3.33	0.44	0.3	3.33	2.24 No	0.3 Element Fault
UPP086	548	'6623475_/_43954182'		0.9	3.33	3.33	0.44	0.2	3.33	2.24 No	0.2 Element Fault
UPP086	549	'6437757_/_6437754'		0.83	3.33	3.33	0.44	0.1	3.33	2.24 No	0.1 Element Fault
UPP086	550	'6483462_/_6483459'		0.83	3.33	3.33	0.44	0.45	3.33	2.24 No	0.44 Thermal Discharging
UPP086	551	'44793601_/_6480617'		0.87	3.33	3.33	0.44	0.45	3.33	2.24 No	0.44 Thermal Discharging
UPP086	552	'6431712_/_6437605'		0.83	3.33	3.33	0.44	0.25	3.33	2.24 No	0.25 Element Fault
UPP086	553	'6481306_/_6481304'		0.83	3.33	3.33	0.44	0.45	3.33	2.24 No	0.44 Thermal Discharging
UPP086	554	'6901427_/_44012387'		0.87	3.33	3.33	0.44	0.2	3.33	2.24 No	0.2 Element Fault
UPP086	555	'6437582_/_6437579'		0.8	3.33	3.33	0.44	0.1	3.33	2.24 No	0.1 Element Fault
UPP086	556	'8399214_/_8710374'		0.73	3.33	3.33	0.44	0.3	3.33	2.24 No	0.3 Element Fault
UPP086	557	'6437770_/_6437767'		0.8	3.33	3.33	0.44	0.1	3.33	2.24 No	0.1 Element Fault
UPP086	558	'6623501_/_6623515'		0.83	3.33	3.33	0.44	0.3	3.33	2.24 No	0.3 Element Fault
UPP086	559	'8399215_/_8399212'		0.7	3.33	3.33	0.44	0.3	3.33	2.24 No	0.3 Element Fault
UPP086	560	'6431713_/_6431710'		0.8	3.33	3.33	0.44	0.25	3.33	2.24 No	0.25 Element Fault
UPP086	561	'6623476_/_6623473'		0.83	3.33	3.33	0.44	0.2	3.33	2.24 No	0.2 Element Fault
UPP086	562	'6623502_/_6623499'		0.8	3.33	3.33	0.44	0.3	3.33	2.24 No	0.3 Element Fault
UPP086	563	'6623489_/_6623486'		0.8	3.33	3.33	0.44	0.2	3.33	2.24 No	0.2 Element Fault
UPP086	564	'6434202_/_6434199_1'		0.77	3.33	3.33	0.44	0.4	3.33	2.24 No	0.4 Element Fault
UPP086	565	'6623557_/_6623554'		0.77	3.33	3.33	0.44	0.2	3.33	2.24 No	0.2 Element Fault

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
UPP086	566	'6623570_/_6623567'	0.73	3.33	3.33	0.44	0.2	3.33	2.24 No	0.2	Element Fault
UPP088	0	'UPP088_/_7779061'	10	10	10	1.02	10	10	10 No	1.02	Thermal Discharging
UPP088	1	'345880102_/_7779061'	10	10	10	1.02	10	10	9.42 No	1.02	Thermal Discharging
UPP088	2	'7779384_/_345880107'	10	10	10	1.02	10	10	9.42 No	1.02	Thermal Discharging
UPP088	3	'7779383_/_7779381'	10	10	10	1.02	10	10	9.42 No	1.02	Thermal Discharging
UPP088	4	'58111074_/_8408650'	10	10	10	1.02	10	10	9.42 No	1.02	Thermal Discharging
UPP088	5	'58111042_/_9046233'	10	10	10	1.02	10	10	9.42 No	1.02	Thermal Discharging
UPP088	6	'58111050_/_7465505'	10	10	10	1.02	10	10	9.42 No	1.02	Thermal Discharging
UPP088	7	'7465036_/_7465605'	10	10	10	1.02	10	10	9.42 No	1.02	Thermal Discharging
UPP088	8	'7465035_/_7465033'	10	10	10	1.02	10	10	9.42 No	1.02	Thermal Discharging
UPP088	9	'426510439_/_426510452'	10	10	10	1.02	10	10	9.42 No	1.02	Thermal Discharging
UPP088	10	'9056878_/_9360218'	10	10	10	1.02	10	10	9.42 No	1.02	Thermal Discharging
UPP088	11	'9045532_/_9056875'	10	10	10	1.02	10	10	9.42 No	1.02	Thermal Discharging
UPP088	12	'578921789_/_578921795'	10	10	10	1.02	10	10	9.42 No	1.02	Thermal Discharging
UPP088	13	'57892222_/_578921901'	10	10	10	1.02	10	10	9.42 No	1.02	Thermal Discharging
UPP088	14	'578922052_/_578922040'	10	10	10	1.02	10	10	9.42 No	1.02	Thermal Discharging
UPP088	15	'37994720_/_578921680'	10	10	10	1.02	10	10	9.42 No	1.02	Thermal Discharging
UPP088	16	'578921676_/_578921674'	10	10	10	1.02	4.5	10	9.42 No	1.02	Thermal Discharging
UPP088	17	'578921670_/_578921668'	10	10	10	1.02	10	10	9.42 No	1.02	Thermal Discharging
UPP088	18	'578922833_/_578921686'	10	10	10	1.02	10	10	9.42 No	1.02	Thermal Discharging
UPP088	19	'578922383_/_578922430'	10	10	10	1.02	10	10	9.42 No	1.02	Thermal Discharging
UPP088	20	'578922712_/_578922811'	10	10	10	1.02	10	10	9.42 No	1.02	Thermal Discharging
UPP088	21	'578922089_/_578922273'	10	10	10	1.02	10	10	9.42 No	1.02	Thermal Discharging
UPP088	22	'7464795_/_578922734'	10	10	10	1.02	10	10	9.42 No	1.02	Thermal Discharging
UPP088	23	'37994783_/_578922863'	10	10	10	1.02	10	10	9.42 No	1.02	Thermal Discharging
UPP088	24	'429709929_/_37994787'	10	10	10	1.02	10	10	9.42 No	1.02	Thermal Discharging
UPP088	25	'9045551_/_9045549'	10	10	10	1.02	10	10	9.42 No	1.02	Thermal Discharging
UPP088	26	'120404846_/_120404933'	10	10	10	1.02	10	10	9.42 No	1.02	Thermal Discharging
UPP088	27	'7464400_/_120404854'	10	10	10	1.02	10	10	9.42 No	1.02	Thermal Discharging
UPP088	28	'346871183_/_7464397'	10	10	10	1.02	10	10	9.42 No	1.02	Thermal Discharging
UPP088	29	'7464399_/_346871233'	10	10	10	1.02	10	10	9.42 No	1.02	Thermal Discharging
UPP088	30	'7464499_/_7464497'	10	10	10	1.02	10	10	9.42 No	1.02	Thermal Discharging
UPP088	31	'7778271_/_7778269'	10	10	10	1.02	10	10	9.42 No	1.02	Thermal Discharging
UPP088	32	'8100169_/_9359340'	10	10	10	1.02	10	10	9.42 No	1.02	Thermal Discharging
UPP088	33	'8100168_/_8100166'	10	10	10	1.02	10	10	9.42 No	1.02	Thermal Discharging
UPP088	34	'8728073_/_9359496'	10	10	10	1.02	10	10	9.42 No	1.02	Thermal Discharging
UPP088	35	'8407439_/_8728070'	10	10	10	1.02	10	10	9.42 No	1.02	Thermal Discharging
UPP088	36	'8100049_/_8407436'	10	10	10	1.02	10	10	9.42 No	1.02	Thermal Discharging
UPP088	37	'8100048_/_8100046'	10	10	10	1.02	10	10	9.42 No	1.02	Thermal Discharging
UPP088	38	'7489434_/_8750630'	10	10	10	1.02	10	10	9.42 No	1.02	Thermal Discharging
UPP088	39	'8099982_/_9666742'	10	10	10	1.02	10	10	9.42 No	1.02	Thermal Discharging
UPP088	40	'38023700_/_7489432'	10	10	10	1.02	10	10	9.42 No	1.02	Thermal Discharging
UPP088	41	'402647031_/_69868271'	10	10	10	1.02	10	10	9.42 No	1.02	Thermal Discharging
UPP088	42	'38023707_/_69868282'	10	10	10	1.02	10	10	9.42 No	1.02	Thermal Discharging
UPP088	43	'264653213_/_264653064'	10	10	10	1.02	10	10	9.42 No	1.02	Thermal Discharging
UPP088	44	'264653085_/_264653082'	10	10	10	1.02	10	10	9.42 No	1.02	Thermal Discharging
UPP088	45	'8099983_/_546044450'	10	10	10	1.02	10	10	9.42 No	1.02	Thermal Discharging
UPP088	46	'7800047_/_7800045'	10	10	10	1.02	10	10	9.42 No	1.02	Thermal Discharging
UPP088	47	'8100109_/_8407456'	10	10	10	1.02	10	10	9.42 No	1.02	Thermal Discharging
UPP088	48	'546044525_/_546044667'	10	10	10	1.02	10	10	9.42 No	1.02	Thermal Discharging
UPP088	49	'8423284_/_120353819'	10	10	10	1.02	10	10	9.42 No	1.02	Thermal Discharging
UPP088	50	'7778104_/_8100106'	10	10	10	1.02	10	10	9.42 No	1.02	Thermal Discharging
UPP088	51	'8727923_/_8739140'	10	10	10	1.02	10	10	9.42 No	1.02	Thermal Discharging
UPP088	52	'7778103_/_7778101'	10	10	10	1.02	10	10	9.42 No	1.02	Thermal Discharging
UPP088	53	'348634740_/_8727920'	10	10	10	1.02	10	10	9.42 No	1.02	Thermal Discharging
UPP088	54	'721268439_/_37994101'	10	10	10	1.02	10	10	9.42 No	1.02	Thermal Discharging
UPP088	55	'348634713_/_37994108'	10	10	10	1.02	10	10	9.42 No	1.02	Thermal Discharging
UPP088	56	'348634728_/_37994129'	10	10	10	1.02	10	10	9.42 No	1.02	Thermal Discharging
UPP088	57	'37994125_/_37994094'	10	10	10	1.02	10	10	9.42 No	1.02	Thermal Discharging
UPP088	58	'8728014_/_9666682'	10	10	10	1.02	10	10	9.42 No	1.02	Thermal Discharging
UPP088	59	'8099705_/_8728012'	10	10	10	1.02	10	10	9.42 No	1.02	Thermal Discharging
UPP088	60	'7777955_/_9666514'	10	10	10	1.02	10	10	9.42 No	1.02	Thermal Discharging
UPP088	61	'108760131_/_108760128'	10	10	10	1.02	5.1	10	9.42 No	1.02	Thermal Discharging
UPP088	62	'8099704_/_8099702'	10	10	10	1.02	10	10	9.42 No	1.02	Thermal Discharging
UPP088	63	'8727903_/_8727900'	10	10	10	1.02	10	10	9.42 No	1.02	Thermal Discharging
UPP088	64	'7464267_/_9666610'	10	10	10	1.02	10	10	9.42 No	1.02	Thermal Discharging
UPP088	65	'7464268_/_7464265'	10	10	10	1.02	10	10	9.42 No	1.02	Thermal Discharging
UPP088	66	'9056437_/_9056435'	10	10	10	1.02	10	10	9.42 No	1.02	Thermal Discharging
UPP088	67	'7464856_/_7464853'	10	10	10	1.02	10	10	9.42 No	1.02	Thermal Discharging
UPP088	68	'9671787_/_9671784'	10	10	10	1.02	10	10	9.42 No	1.02	Thermal Discharging
UPP088	69	'7766616_/_9660378'	10	10	10	1.02	10	10	9.42 No	1.02	Thermal Discharging
UPP088	70	'8407832_/_9671824'	10	10	10	1.02	10	10	9.42 No	1.02	Thermal Discharging
UPP088	71	'7766615_/_7766613'	10	10	10	1.02	10	10	9.42 No	1.02	Thermal Discharging
UPP088	72	'69458264_/_9347524_2'	10	10	10	1.02	10	10	9.42 No	1.02	Thermal Discharging
UPP088	73	'8407833_/_8407830'	10	10	10	1.02	10	10	9.42 No	1.02	Thermal Discharging
UPP088	74	'8407812_/_8407850'	10	10	10	1.02	10	10	9.42 No	1.02	Thermal Discharging
UPP088	75	'8407813_/_8407810'	10	10	10	1.02	10	10	9.42 No	1.02	Thermal Discharging
UPP088	76	'7777976_/_9359908'	10	10	10	1.02	10	10	9.42 No	1.02	Thermal Discharging
UPP088	77	'389238689_/_8407186'	10	10	10	1.02	10	10	9.42 No	1.02	Thermal Discharging
UPP089	0	'UPP089_/_7779081'	10	10	10	1.89	10	10	10 No	1.89	Thermal Discharging
UPP089	1	'7465448_/_7779081'	10	10	10	1.89	10	10	5.99 No	1.89	Thermal Discharging
UPP089	2	'7465447_/_7465445'	10	10	10	1.89	10	10	5.99 No	1.89	Thermal Discharging
UPP089	3	'7740501_/_8729094'	10	10	10	1.89	10	10	5.99 No	1.89	Thermal Discharging
UPP089	4	'38041570_/_7779421'	10	10	10	1.89	10	10	5.99 No	1.89	Thermal Discharging
UPP089	5	'404543511_/_38041567'	10	10	10	1.89	10	10	5.99 No	1.89	Thermal Discharging
UPP089	6	'38041619_/_38041616'	10	10	10	1.89	4.7	10	5.99 No	1.89	Thermal Discharging
UPP089	7	'38041598_/_38041595'	10	10	10	1.89	10	10	5.99 No	1.89	Thermal Discharging
UPP089	8	'38041591_/_38041588'	10	10	10	1.89	10	10	5.99 No	1.89	Thermal Discharging
UPP089	9	'56892836_/_56892791'	10	10	10	1.89	10	10	5.99 No	1.89	Thermal Discharging
UPP089	10	'56892794_/_56892833'	10	10	10	1.89	10	10	5.99 No	1.89	Thermal Discharging
UPP089	11	'58114180_/_58114095'	10	10	10	1.89	10	10	5.99 No	1.89	Thermal Discharging
UPP089	12	'58114303_/_58114224'	10	10	10	1.89	10	10	5.99 No	1.89	Thermal Discharging
UPP089	13	'58114330_/_58114300'	10	10	10	1.89	10	10	5.99 No	1.89	Thermal Discharging
UPP089	14	'56893178_/_56892802'	10	10	10	1.89	4.7	10	5.99 No	1.89	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
UPP089	15	'58114357___/58114327'		10	10	1.89	10	10	5.99 No	1.89	Thermal Discharging
UPP089	16	'58114536___/58114354'		10	10	1.89	10	10	5.99 No	1.89	Thermal Discharging
UPP089	17	'58114415___/58114385'		10	10	1.89	10	10	5.99 No	1.89	Thermal Discharging
UPP089	18	'56892964___/56893175'		10	10	1.89	4.7	10	5.99 No	1.89	Thermal Discharging
UPP089	19	'58114441___/58114412'		10	10	1.89	10	10	5.99 No	1.89	Thermal Discharging
UPP089	20	'56892911___/56892961'		10	10	1.89	4.7	10	5.99 No	1.89	Thermal Discharging
UPP089	21	'8728876___/8728874'		10	10	1.89	10	10	5.99 No	1.89	Thermal Discharging
UPP089	22	'56893204___/56892940'		10	10	1.89	4.7	10	5.99 No	1.89	Thermal Discharging
UPP089	23	'37995000___/9672550'		10	10	1.89	10	10	5.99 No	1.89	Thermal Discharging
UPP089	24	'50531531___/37994997'		10	10	1.89	10	10	5.99 No	1.89	Thermal Discharging
UPP089	25	'37995070___/37995067'	3.33		3.33	3.33	0.63	0.7	3.33	2 No	0.63 Thermal Discharging
UPP089	26	'37995056___/37995053'	3.33		3.33	3.33	0.63	0.7	3.33	2 No	0.63 Thermal Discharging
UPP089	27	'37995014___/37995011'	3.33		3.33	3.33	0.63	0.7	3.33	2 No	0.63 Thermal Discharging
UPP089	28	'37995028___/37995025'	10		10	10	1.89	10	5.99 No	1.89	Thermal Discharging
UPP089	29	'404914620___/37994983'	10		10	10	1.89	10	5.99 No	1.89	Thermal Discharging
UPP089	30	'7790513___/7790511'	10		10	10	1.89	10	5.99 No	1.89	Thermal Discharging
UPP089	31	'9672573___/9672570'	3.33		3.33	3.33	0.63	0.7	3.33	2 No	0.63 Thermal Discharging
UPP089	32	'7465628___/7465625_2'	3.33		3.33	3.33	0.63	0.7	3.33	2 No	0.63 Thermal Discharging
UPP089	33	'6899035___/7465625_1'	3.33		3.33	3.33	0.63	0.7	3.33	2 No	0.63 Thermal Discharging
UPP089	34	'7778655___/9359868'	10		10	10	1.89	10	5.99 No	1.89	Thermal Discharging
UPP089	35	'7778656___/7778653'	10		10	10	1.89	10	5.99 No	1.89	Thermal Discharging
UPP089	36	'464295279___/464295276'	3.33		3.33	3.33	0.63	0.3	3.33	2 No	0.3 Element Fault
UPP089	37	'729098027___/9671748'	10		10	10	1.89	10	5.99 No	1.89	Thermal Discharging
UPP089	38	'729097892___/37994871'	10		10	10	1.89	10	5.99 No	1.89	Thermal Discharging
UPP089	39	'729098039___/37994920'	10		10	10	1.89	4.5	10	5.99 No	1.89 Thermal Discharging
UPP089	40	'729098035___/37994906'	10		10	10	1.89	10	5.99 No	1.89	Thermal Discharging
UPP089	41	'729098031___/37994885'	10		10	10	1.89	4.9	10	5.99 No	1.89 Thermal Discharging
UPP089	42	'70582042___/7740519'	3.33		3.33	3.33	0.63	0.7	3.33	2 No	0.63 Thermal Discharging
UPP089	43	'729098094___/7464813'	10		10	10	1.89	4.2	10	5.99 No	1.89 Thermal Discharging
UPP089	44	'8100425___/8100422'	10		10	10	1.89	10	5.99 No	1.89	Thermal Discharging
UPP089	45	'8100405___/9045609'	10		10	10	1.89	10	5.99 No	1.89	Thermal Discharging
UPP089	46	'729098768___/374202664'	10		10	10	1.89	4.9	10	5.99 No	1.89 Thermal Discharging
UPP089	47	'7778636___/8100402'	10		10	10	1.89	10	5.99 No	1.89	Thermal Discharging
UPP089	48	'44013080___/44013082'	3.33		3.33	3.33	0.63	0.7	3.33	2 No	0.63 Thermal Discharging
UPP089	49	'49996386___/7778633_1'	10		10	10	1.89	10	5.99 No	1.89	Thermal Discharging
UPP089	50	'6893010___/7778633_2'	10		10	10	1.89	10	5.99 No	1.89	Thermal Discharging
UPP089	51	'6882811___/6893007'	10		10	10	1.89	10	5.99 No	1.89	Thermal Discharging
UPP089	52	'456145855___/456145796_1'	10		10	10	1.89	1.4	10	5.99 No	1.4 Element Fault
UPP089	53	'6882790___/436438724_2'	10		10	10	1.89	4.5	10	5.99 No	1.89 Thermal Discharging
UPP089	54	'6892743___/6892741'	10		10	10	1.89	10	5.99 No	1.89	Thermal Discharging
UPP089	55	'456145773___/456145796_2'	10		10	10	1.89	1.4	10	5.99 No	1.4 Element Fault
UPP089	56	'436438722___/436438724_1'	10		10	10	1.89	1.5	10	5.99 No	1.5 Element Fault
UPP089	57	'8423616___/8423614'	3.33		3.33	3.33	0.63	0.7	3.33	2 No	0.63 Thermal Discharging
UPP089	58	'44011387___/44011389'	10		10	10	1.89	10	5.99 No	1.89	Thermal Discharging
UPP089	59	'471449829___/456145913'	10		10	10	1.89	1.4	10	5.99 No	1.4 Element Fault
UPP089	60	'6882712___/6892984'	10		10	10	1.89	10	5.99 No	1.89	Thermal Discharging
UPP089	61	'6892727___/6892950'	10		10	10	1.89	10	5.99 No	1.89	Thermal Discharging
UPP089	62	'6882713___/6882730_1'	10		10	10	1.89	1.5	10	5.99 No	1.5 Element Fault
UPP089	63	'6882789___/6882787'	10		10	10	1.89	1.5	10	5.99 No	1.5 Element Fault
UPP089	64	'6892726___/6892724'	10		10	10	1.89	10	5.99 No	1.89	Thermal Discharging
UPP089	65	'66973904___/66973909'	10		10	10	1.89	10	5.99 No	1.89	Thermal Discharging
UPP089	66	'66974473___/66974133_1'	10		10	10	1.89	10	5.99 No	1.89	Thermal Discharging
UPP089	67	'6892709___/6892707'	10		10	10	1.89	10	5.99 No	1.89	Thermal Discharging
UPP089	68	'471449670___/6892832_1'	10		10	10	1.89	1.8	10	5.99 No	1.8 Element Fault
UPP089	69	'71805576___/6893132'	10		10	10	1.89	1.5	10	5.99 No	1.5 Element Fault
UPP089	70	'66974042___/66974133_2'	10		10	10	1.89	10	5.99 No	1.89	Thermal Discharging
UPP089	71	'403759765___/66974046'	10		10	10	1.89	10	5.99 No	1.89	Thermal Discharging
UPP089	72	'66974078___/66974076'	10		10	10	1.89	4.5	10	5.99 No	1.89 Thermal Discharging
UPP089	73	'66974066___/66974070'	10		10	10	1.89	4.7	10	5.99 No	1.89 Thermal Discharging
UPP089	74	'66974054___/66974052'	10		10	10	1.89	10	5.99 No	1.89	Thermal Discharging
UPP089	75	'119816122___/119816127'	6.67		6.67	6.67	1.26	3.07	6.67	3.99 No	1.26 Thermal Discharging
UPP089	76	'6898999___/6898996'	3.33		3.33	3.33	0.63	0.7	3.33	2 No	0.63 Thermal Discharging
UPP089	77	'66974160___/66974251'	10		10	10	1.89	10	5.99 No	1.89	Thermal Discharging
UPP089	78	'403759688___/66974164'	10		10	10	1.89	10	5.99 No	1.89	Thermal Discharging
UPP089	79	'66974172___/66974170'	10		10	10	1.89	10	5.99 No	1.89	Thermal Discharging
UPP089	80	'66974184___/66974188'	10		10	10	1.89	4.6	10	5.99 No	1.89 Thermal Discharging
UPP089	81	'66974196___/66974194'	10		10	10	1.89	4.5	10	5.99 No	1.89 Thermal Discharging
UPP089	82	'44011204___/6882730_2'	10		10	10	1.89	1.5	10	5.99 No	1.5 Element Fault
UPP089	83	'6893134___/71805585'	10		10	10	1.89	1.5	10	5.99 No	1.5 Element Fault
UPP089	84	'8100388___/9359848'	10		10	10	1.89	4.9	10	5.99 No	1.89 Thermal Discharging
UPP089	85	'436437834___/436437838'	10		10	10	1.89	4.2	10	5.99 No	1.89 Thermal Discharging
UPP089	86	'471449629___/6892832_2'	10		10	10	1.89	1.8	10	5.99 No	1.8 Element Fault
UPP089	87	'76106966___/66974419'	10		10	10	1.89	10	5.99 No	1.89	Thermal Discharging
UPP089	88	'369141736___/6892892'	10		10	10	1.89	1.8	10	5.99 No	1.8 Element Fault
UPP089	89	'6882753___/44011206'	10		10	10	1.89	1.5	10	5.99 No	1.5 Element Fault
UPP089	90	'471449691___/369141847_1'	10		10	10	1.89	1.1	10	5.99 No	1.1 Element Fault
UPP089	91	'103516321___/103516327'	6.67		6.67	6.67	1.26	3.07	6.67	3.99 No	1.26 Thermal Discharging
UPP089	92	'9359631___/9359628'	10		10	10	1.89	10	5.99 No	1.89	Thermal Discharging
UPP089	93	'44011037___/369141738'	10		10	10	1.89	1.8	10	5.99 No	1.8 Element Fault
UPP089	94	'119816412___/119816423'	10		10	10	1.89	4.5	10	5.99 No	1.89 Thermal Discharging
UPP089	95	'6882773___/6882770'	10		10	10	1.89	1.5	10	5.99 No	1.5 Element Fault
UPP089	96	'119816224___/119816229'	10		10	10	1.89	4.6	10	5.99 No	1.89 Thermal Discharging
UPP089	97	'369141829___/369141847_2'	10		10	10	1.89	1.1	10	5.99 No	1.1 Element Fault
UPP089	98	'740068251___/374202553'	3.33		3.33	3.33	0.63	1.63	3.33	2 No	0.63 Thermal Discharging
UPP089	99	'65699030___/44011039'	10		10	10	1.89	1.8	10	5.99 No	1.8 Element Fault
UPP089	100	'729098792___/374202542'	3.33		3.33	3.33	0.63	1.63	3.33	2 No	0.63 Thermal Discharging
UPP089	101	'6889726___/8407362_2'	10		10	10	1.89	1.8	10	5.99 No	1.8 Element Fault
UPP089	102	'66815656___/66815662'	10		10	10	1.89	4.7	10	5.99 No	1.89 Thermal Discharging
UPP089	103	'65699074___/65699047'	10		10	10	1.89	1.8	10	5.99 No	1.8 Element Fault
UPP089	104	'66815942___/66815953'	10		10	10	1.89	4.7	10	5.99 No	1.89 Thermal Discharging
UPP089	105	'58114210___/58114178'	3.33		3.33	3.33	0.63	1.57	3.33	2 No	0.63 Thermal Discharging
UPP089	106	'8407365___/8407362_1'	10		10	10	1.89	1	10	5.99 No	1 Element Fault
UPP089	107	'66815731___/66815971'	10		10	10	1.89	4.7	10	5.99 No	1.89 Thermal Discharging
UPP089	108	'9360010___/9671904_1'	10		10	10	1.89	10	5.99 No	1.89	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
UPP089	109	'436438134_/436437899_1'		10	10	1.89	1.5	10	5.99 No	1.5	Element Fault
UPP089	110	'6893224_/9671904_2'		10	10	1.89	10	10	5.99 No	1.89	Thermal Discharging
UPP089	111	'77180385_/66974348_1'		10	10	1.89	4.6	10	5.99 No	1.89	Thermal Discharging
UPP089	112	'6893240_/6893389'		10	10	1.89	10	10	5.99 No	1.89	Thermal Discharging
UPP089	113	'44011310_/44011312'		10	10	1.89	10	10	5.99 No	1.89	Thermal Discharging
UPP089	114	'436437978_/436437899_2'		10	10	1.89	1.5	10	5.99 No	1.5	Element Fault
UPP089	115	'6893207_/6893204_2'		10	10	1.89	3.4	10	5.99 No	1.89	Thermal Discharging
UPP089	116	'6893241_/6893238'		10	10	1.89	7.7	10	5.99 No	1.89	Thermal Discharging
UPP089	117	'436437982_/436437935'		10	10	1.89	1.5	10	5.99 No	1.5	Element Fault
UPP089	118	'56893259_/56893252'	2.3		10	1.89	4.7	10	5.99 No	1.89	Thermal Discharging
UPP089	119	'436437986_/436437953'		10	10	1.89	1.5	10	5.99 No	1.5	Element Fault
UPP089	120	'9045692_/9370250'	3.33		3.33	0.63	0.7	3.33	2 No	0.63	Thermal Discharging
UPP089	121	'8129579_/8129577_2'	6.4		10	1.89	4.9	10	5.99 No	1.89	Thermal Discharging
UPP089	122	'6893563_/8129577_1'	6.4		10	1.89	2.6	10	5.99 No	1.89	Thermal Discharging
UPP089	123	'6893295_/6893292'		10	10	1.89	7.7	10	5.99 No	1.89	Thermal Discharging
UPP089	124	'6893368_/44011338'		10	10	1.89	1.1	10	5.99 No	1.1	Element Fault
UPP089	125	'6893580_/6893577'	6.4		10	1.89	2.6	10	5.99 No	1.89	Thermal Discharging
UPP089	126	'436439291_/436439300_2'	6.4		10	1.89	2.6	10	5.99 No	1.89	Thermal Discharging
UPP089	127	'44011323_/6893309'		10	10	1.89	7.7	10	5.99 No	1.89	Thermal Discharging
UPP089	128	'6893261_/44011325'		10	10	1.89	7.7	10	5.99 No	1.89	Thermal Discharging
UPP089	129	'6893150_/6893258'		10	10	1.89	7.7	10	5.99 No	1.89	Thermal Discharging
UPP089	130	'436439296_/436439300_1'	6.4		10	1.89	2.3	10	5.99 No	1.89	Thermal Discharging
UPP089	131	'8100485_/8100482_2'		10	10	1.89	4.2	10	5.99 No	1.89	Thermal Discharging
UPP089	132	'415726364_/6893343_1'		10	10	1.89	1.4	10	5.99 No	1.4	Element Fault
UPP089	133	'436439340_/436439423'	6.4		10	1.89	2.3	10	5.99 No	1.89	Thermal Discharging
UPP089	134	'6886412_/6893204_1'		10	10	1.89	1.5	10	5.99 No	1.5	Element Fault
UPP089	135	'6893545_/6893560'	6.4		10	1.89	2.6	10	5.99 No	1.89	Thermal Discharging
UPP089	136	'103516286_/103516292'		10	10	1.89	4.6	10	5.99 No	1.89	Thermal Discharging
UPP089	137	'415726355_/6893343_2'		10	10	1.89	1.4	10	5.99 No	1.4	Element Fault
UPP089	138	'44555911_/8100482_1'		10	10	1.89	1.4	10	5.99 No	1.4	Element Fault
UPP089	139	'6893149_/6893147_1'		10	10	1.89	7.7	10	5.99 No	1.89	Thermal Discharging
UPP089	140	'415726382_/8100502_1'		10	10	1.89	0.9	10	5.99 No	0.9	Element Fault
UPP089	141	'415726271_/6893147_2'		10	10	1.89	7.4	10	5.99 No	1.89	Thermal Discharging
UPP089	142	'413127167_/6893164'		10	10	1.89	7.7	10	5.99 No	1.89	Thermal Discharging
UPP089	143	'415726257_/6893147_3'		10	10	1.89	7.4	10	5.99 No	1.89	Thermal Discharging
UPP089	144	'6889671_/413127169'		10	10	1.89	7.7	10	5.99 No	1.89	Thermal Discharging
UPP089	145	'7464695_/9667122'	6.5		10	1.89	2.3	10	5.99 No	1.89	Thermal Discharging
UPP089	146	'438944523_/6889669'		10	10	1.89	7.7	10	5.99 No	1.89	Thermal Discharging
UPP089	147	'44010831_/438944525'		10	10	1.89	7.7	10	5.99 No	1.89	Thermal Discharging
UPP089	148	'6893546_/6893543'	6.5		10	1.89	2.6	10	5.99 No	1.89	Thermal Discharging
UPP089	149	'8099633_/66974384'		10	10	1.89	4.6	10	5.99 No	1.89	Thermal Discharging
UPP089	150	'6886938_/6887424'		10	10	1.89	7.7	10	5.99 No	1.89	Thermal Discharging
UPP089	151	'6886939_/6886936'		10	10	1.89	7.7	10	5.99 No	1.89	Thermal Discharging
UPP089	152	'471181114_/471181176'	4.33		6.67	1.26	1.53	6.67	3.99 No	1.26	Thermal Discharging
UPP089	153	'471181104_/7464693'	6.5		10	1.89	2.3	10	5.99 No	1.89	Thermal Discharging
UPP089	154	'6886411_/44010397'		10	10	1.89	1.5	10	5.99 No	1.5	Element Fault
UPP089	155	'6902195_/7096783'	6.5		10	1.89	2.6	10	5.99 No	1.89	Thermal Discharging
UPP089	156	'436439514_/471181161'	6.6		10	1.89	2.3	10	5.99 No	1.89	Thermal Discharging
UPP089	157	'6886862_/6886953'		10	10	1.89	7.7	10	5.99 No	1.89	Thermal Discharging
UPP089	158	'58114200_/58114250'	2.17		3.33	0.63	1.57	3.33	2 No	0.63	Thermal Discharging
UPP089	159	'6886884_/6886881_1'	3.33		3.33	0.63	0.4	3.33	2 No	0.4	Element Fault
UPP089	160	'6886972_/6886987'		10	10	1.89	7.7	10	5.99 No	1.89	Thermal Discharging
UPP089	161	'432602751_/6902193'	6.6		10	1.89	2.6	10	5.99 No	1.89	Thermal Discharging
UPP089	162	'6886863_/6887338_2'	6.67		6.67	1.26	2.1	6.67	3.99 No	1.26	Thermal Discharging
UPP089	163	'532949770_/532949852'	3.33		3.33	0.63	1.63	3.33	2 No	0.63	Thermal Discharging
UPP089	164	'8100505_/8100502_2'		10	10	1.89	0.9	10	5.99 No	0.9	Element Fault
UPP089	165	'8407698_/66974371'		10	10	1.89	4.6	10	5.99 No	1.89	Thermal Discharging
UPP089	166	'56893328_/56893326'	2.3		10	1.89	4.7	10	5.99 No	1.89	Thermal Discharging
UPP089	167	'6886896_/6886881_2'	3.33		3.33	0.63	0.4	3.33	2 No	0.4	Element Fault
UPP089	168	'535677206_/8407756'	6.6		10	1.89	2.3	10	5.99 No	1.89	Thermal Discharging
UPP089	169	'6886583_/6886970'		10	10	1.89	7.7	10	5.99 No	1.89	Thermal Discharging
UPP089	170	'44013091_/432602753'	6.6		10	1.89	2.6	10	5.99 No	1.89	Thermal Discharging
UPP089	171	'110217327_/6886581'		10	10	1.89	4.5	10	5.99 No	1.89	Thermal Discharging
UPP089	172	'6890629_/6890626'		10	10	1.89	7.7	10	5.99 No	1.89	Thermal Discharging
UPP089	173	'6902196_/7778941_1'	6.6		10	1.89	1.4	10	5.99 No	1.4	Element Fault
UPP089	174	'535677148_/535677094'	6.6		10	1.89	2.3	10	5.99 No	1.89	Thermal Discharging
UPP089	175	'6890646_/6890643'		10	10	1.89	7.7	10	5.99 No	1.89	Thermal Discharging
UPP089	176	'6887340_/6887338_1'	6.67		6.67	1.26	0.9	6.67	3.99 No	0.9	Element Fault
UPP089	177	'44011258_/7096820'	6.6		10	1.89	2.6	10	5.99 No	1.89	Thermal Discharging
UPP089	178	'44010446_/6890660'		10	10	1.89	7.7	10	5.99 No	1.89	Thermal Discharging
UPP089	179	'535677192_/535677058'	6.6		10	1.89	2.3	10	5.99 No	1.89	Thermal Discharging
UPP089	180	'436438019_/535677243'	6.7		10	1.89	2.3	10	5.99 No	1.89	Thermal Discharging
UPP089	181	'6890559_/44010448'		10	10	1.89	7.6	10	5.99 No	1.89	Thermal Discharging
UPP089	182	'7778944_/7778941_2'	6.7		10	1.89	1.4	10	5.99 No	1.4	Element Fault
UPP089	183	'6882899_/6892795'	6.7		10	1.89	2.6	10	5.99 No	1.89	Thermal Discharging
UPP089	184	'8100389_/532949830'	2.77		3.33	0.63	1.63	3.33	2 No	0.63	Thermal Discharging
UPP089	185	'6890560_/6890921_1'	3.33		3.33	0.63	0.4	3.33	2 No	0.4	Element Fault
UPP089	186	'6886910_/6886907'	3.33		3.33	0.63	0.4	3.33	2 No	0.4	Element Fault
UPP089	187	'6890680_/6890677'		10	10	1.89	7.6	10	5.99 No	1.89	Thermal Discharging
UPP089	188	'6882862_/6882897'	6.7		10	1.89	2.6	10	5.99 No	1.89	Thermal Discharging
UPP089	189	'451778010_/436438082'	6.7		10	1.89	2.3	10	5.99 No	1.89	Thermal Discharging
UPP089	190	'45177926_/451778014'	4.47		6.67	1.26	1.53	6.67	3.99 No	1.26	Thermal Discharging
UPP089	191	'6890924_/6890921_2'	3.33		3.33	0.63	0.4	3.33	2 No	0.4	Element Fault
UPP089	192	'392523130_/6891176'		10	10	1.89	7.6	10	5.99 No	1.89	Thermal Discharging
UPP089	193	'44012671_/44012673'		10	10	1.89	7.6	10	5.99 No	1.89	Thermal Discharging
UPP089	194	'392301825_/9684570_2'		10	10	1.89	7.6	10	5.99 No	1.89	Thermal Discharging
UPP089	195	'8100597_/9684570_1'		10	10	1.89	7.6	10	5.99 No	1.89	Thermal Discharging
UPP089	196	'56893376_/56893369'	2.3		10	1.89	4.7	10	5.99 No	1.89	Thermal Discharging
UPP089	197	'50902402_/7096803'		10	10	1.89	7.6	10	5.99 No	1.89	Thermal Discharging
UPP089	198	'49807193_/6901886_1'		10	10	1.89	3.3	10	5.99 No	1.89	Thermal Discharging
UPP089	199	'6901832_/6901886_2'		10	10	1.89	3.3	10	5.99 No	1.89	Thermal Discharging
UPP089	200	'8100596_/8100594'		10	10	1.89	7.6	10	5.99 No	1.89	Thermal Discharging
UPP089	201	'6901787_/6901829'	6.67		6.67	1.26	2.2	6.67	3.99 No	1.26	Thermal Discharging
UPP089	202	'67916781_/414593777'	3.33		3.33	0.63	1.5	3.33	2 No	0.63	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
UPP089	203	'392523131_/_392523128'		10	10	10	1.89	4.5	10	5.99 No	1.89 Thermal Discharging
UPP089	204	'6901769_/_6901784'		6.67	6.67	6.67	1.26	2.2	6.67	3.99 No	1.26 Thermal Discharging
UPP089	205	'7778812_/_8407994'		10	10	10	1.89	7.6	10	5.99 No	1.89 Thermal Discharging
UPP089	206	'374433617_/_6896866_2'		6.67	6.67	6.67	1.26	2.2	6.67	3.99 No	1.26 Thermal Discharging
UPP089	207	'374433591_/_6901799_1'		3.33	3.33	3.33	0.63	0.5	3.33	2 No	0.5 Element Fault
UPP089	208	'9360101_/_9360098_1'		10	10	10	1.89	1.1	10	5.99 No	1.1 Element Fault
UPP089	209	'6893415_/_6893412'		6.7	10	10	1.89	2.6	10	5.99 No	1.89 Thermal Discharging
UPP089	210	'451787882_/_392523190_3'		10	10	10	1.89	4.5	10	5.99 No	1.89 Thermal Discharging
UPP089	211	'6886925_/_44010662'		3.33	3.33	3.33	0.63	0.4	3.33	2 No	0.4 Element Fault
UPP089	212	'7778792_/_7778809'		10	10	10	1.89	7.6	10	5.99 No	1.89 Thermal Discharging
UPP089	213	'8408017_/_9360098_2'		10	10	10	1.89	1.1	10	5.99 No	1.1 Element Fault
UPP089	214	'456165747_/_451777930'		6.8	10	10	1.89	2.3	10	5.99 No	1.89 Thermal Discharging
UPP089	215	'56892986_/_58114275'		1.5	3.33	3.33	0.63	1.57	3.33	2 No	0.63 Thermal Discharging
UPP089	216	'427104085_/_451787504_1'		3.33	3.33	3.33	0.63	0.4	3.33	2 No	0.4 Element Fault
UPP089	217	'7778695_/_7778693_1'		2.13	3.33	3.33	0.63	0.4	3.33	2 No	0.4 Element Fault
UPP089	218	'7778791_/_7778789'		10	10	10	1.89	7.6	10	5.99 No	1.89 Thermal Discharging
UPP089	219	'6896817_/_6896866_1'		6.67	6.67	6.67	1.26	1	6.67	3.99 No	1 Element Fault
UPP089	220	'6897073_/_6901799_2'		3.33	3.33	3.33	0.63	0.5	3.33	2 No	0.5 Element Fault
UPP089	221	'6882863_/_6882860'		6.8	10	10	1.89	2.6	10	5.99 No	1.89 Thermal Discharging
UPP089	222	'7778852_/_8408034'		10	10	10	1.89	7.6	10	5.99 No	1.89 Thermal Discharging
UPP089	223	'6893942_/_6896814'		6.67	6.67	6.67	1.26	1	6.67	3.99 No	1 Element Fault
UPP089	224	'456165792_/_456165824'		6.8	10	10	1.89	2.3	10	5.99 No	1.89 Thermal Discharging
UPP089	225	'6893927_/_6893939'		6.67	6.67	6.67	1.26	1	6.67	3.99 No	1 Element Fault
UPP089	226	'7778851_/_7778849'		10	10	10	1.89	7.6	10	5.99 No	1.89 Thermal Discharging
UPP089	227	'532949754_/_532949790'		2.23	3.33	3.33	0.63	1.63	3.33	2 No	0.63 Thermal Discharging
UPP089	228	'119816266_/_119816298'		3.33	3.33	3.33	0.63	1.53	3.33	2 No	0.63 Thermal Discharging
UPP089	229	'44012799_/_6893924'		6.67	6.67	6.67	1.26	1	6.67	3.99 No	1 Element Fault
UPP089	230	'56893015_/_56893008'		1.4	3.33	3.33	0.63	1.57	3.33	2 No	0.63 Thermal Discharging
UPP089	231	'8100616_/_9672010'		10	10	10	1.89	7.6	10	5.99 No	1.89 Thermal Discharging
UPP089	232	'6897074_/_6897071'		3.33	3.33	3.33	0.63	0.5	3.33	2 No	0.5 Element Fault
UPP089	233	'8129580_/_532949843'		2.17	3.33	3.33	0.63	1.63	3.33	2 No	0.63 Thermal Discharging
UPP089	234	'456165914_/_456165957'		6.9	10	10	1.89	2.3	10	5.99 No	1.89 Thermal Discharging
UPP089	235	'56893450_/_56893443'		0.77	3.33	3.33	0.63	1.57	3.33	2 No	0.63 Thermal Discharging
UPP089	236	'8100617_/_8100614'		10	10	10	1.89	7.6	10	5.99 No	1.89 Thermal Discharging
UPP089	237	'9045763_/_9045761'		10	10	10	1.89	7.6	10	5.99 No	1.89 Thermal Discharging
UPP089	238	'6893912_/_6899997'		6.67	6.67	6.67	1.26	1	6.67	3.99 No	1 Element Fault
UPP089	239	'44011605_/_44011607'		6.67	6.67	6.67	1.26	1	6.67	3.99 No	1 Element Fault
UPP089	240	'8728252_/_9684550'		10	10	10	1.89	7.6	10	5.99 No	1.89 Thermal Discharging
UPP089	241	'119816188_/_119816316'		3.07	3.33	3.33	0.63	1.53	3.33	2 No	0.63 Thermal Discharging
UPP089	242	'392483266_/_392483264'		10	10	10	1.89	1.1	10	5.99 No	1.1 Element Fault
UPP089	243	'7778440_/_8728250'		10	10	10	1.89	7.6	10	5.99 No	1.89 Thermal Discharging
UPP089	244	'7778439_/_8407676_2'		10	10	10	1.89	7.6	10	5.99 No	1.89 Thermal Discharging
UPP089	245	'7778696_/_7778693_2'		2.2	3.33	3.33	0.63	0.4	3.33	2 No	0.4 Element Fault
UPP089	246	'427955877_/_456165918_1'		10	10	10	1.89	1.5	10	5.99 No	1.5 Element Fault
UPP089	247	'6893897_/_6893909'		6.67	6.67	6.67	1.26	1	6.67	3.99 No	1 Element Fault
UPP089	248	'44011232_/_7096763'		6.8	10	10	1.89	2.6	10	5.99 No	1.89 Thermal Discharging
UPP089	249	'44012710_/_6897087'		3.33	3.33	3.33	0.63	0.5	3.33	2 No	0.5 Element Fault
UPP089	250	'69398326_/_9045689_1'		2.17	3.33	3.33	0.63	0.7	3.33	2 No	0.63 Thermal Discharging
UPP089	251	'44012660_/_6896829'		3.33	3.33	3.33	0.63	0.5	3.33	2 No	0.5 Element Fault
UPP089	252	'56893410_/_56893398'		2.3	10	10	1.89	4.7	10	5.99 No	1.89 Thermal Discharging
UPP089	253	'56893085_/_56893052'		1.3	3.33	3.33	0.63	1.57	3.33	2 No	0.63 Thermal Discharging
UPP089	254	'44011593_/_6893894'		6.67	6.67	6.67	1.26	1	6.67	3.99 No	1 Element Fault
UPP089	255	'56893496_/_56893489'		0.77	3.33	3.33	0.63	1.57	3.33	2 No	0.63 Thermal Discharging
UPP089	256	'6893867_/_6893879'		6.67	6.67	6.67	1.26	1	6.67	3.99 No	1 Element Fault
UPP089	257	'9359538_/_451787504_2'		3.33	3.33	3.33	0.63	0.4	3.33	2 No	0.4 Element Fault
UPP089	258	'432602929_/_432602849_1'		2.13	3.33	3.33	0.63	0.4	3.33	2 No	0.4 Element Fault
UPP089	259	'6893834_/_6893846'		6.67	6.67	6.67	1.26	1	6.67	3.99 No	1 Element Fault
UPP089	260	'58114524_/_58114606'		2.3	10	10	1.89	4.7	10	5.99 No	1.89 Thermal Discharging
UPP089	261	'45296930_/_44012712'		3.33	3.33	3.33	0.63	0.5	3.33	2 No	0.5 Element Fault
UPP089	262	'392483313_/_392483311'		10	10	10	1.89	1.1	10	5.99 No	1.1 Element Fault
UPP089	263	'6898612_/_6898644'		6.9	10	10	1.89	2.6	10	5.99 No	1.89 Thermal Discharging
UPP089	264	'451787866_/_392523190_2'		10	10	10	1.89	2.3	10	5.99 No	1.89 Thermal Discharging
UPP089	265	'6892124_/_392523190_1'		10	10	10	1.89	1.5	10	5.99 No	1.5 Element Fault
UPP089	266	'90424578_/_6898627_1'		6.9	10	10	1.89	1.7	10	5.99 No	1.7 Element Fault
UPP089	267	'432602818_/_432602849_2'		1.93	3.33	3.33	0.63	0.4	3.33	2 No	0.4 Element Fault
UPP089	268	'410907421_/_392483353'		10	10	10	1.89	1.1	10	5.99 No	1.1 Element Fault
UPP089	269	'6898666_/_6898664'		7	10	10	1.89	2.6	10	5.99 No	1.89 Thermal Discharging
UPP089	270	'435486536_/_392483381_1'		10	10	10	1.89	1.1	10	5.99 No	1.1 Element Fault
UPP089	271	'6898630_/_6898627_2'		6.9	10	10	1.89	1.7	10	5.99 No	1.7 Element Fault
UPP089	272	'44010421_/_44010423'		6.67	6.67	6.67	1.26	1	6.67	3.99 No	1 Element Fault
UPP089	273	'6893815_/_6893813'		6.67	6.67	6.67	1.26	1	6.67	3.99 No	1 Element Fault
UPP089	274	'392483142_/_392483381_2'		10	10	10	1.89	1.1	10	5.99 No	1.1 Element Fault
UPP089	275	'596162956_/_44010150_2'		6.67	6.67	6.67	1.26	0.73	6.67	3.99 No	0.73 Element Fault
UPP089	276	'392483591_/_392483588'		10	10	10	1.89	1.1	10	5.99 No	1.1 Element Fault
UPP089	277	'6892392_/_392483080'		3.33	3.33	3.33	0.63	0.37	3.33	2 No	0.37 Element Fault
UPP089	278	'432602830_/_432602872'		1.8	3.33	3.33	0.63	0.4	3.33	2 No	0.4 Element Fault
UPP089	279	'596163002_/_392483478_2'		10	10	10	1.89	1.1	10	5.99 No	1.1 Element Fault
UPP089	280	'385222454_/_6892402_1'		3.33	3.33	3.33	0.63	0.37	3.33	2 No	0.37 Element Fault
UPP089	281	'103516533_/_103516558'		2.1	3.33	3.33	0.63	1.53	3.33	2 No	0.63 Thermal Discharging
UPP089	282	'58114568_/_58114495'		2.3	10	10	1.89	4.7	10	5.99 No	1.89 Thermal Discharging
UPP089	283	'410907455_/_392483478_1'		10	10	10	1.89	1.1	10	5.99 No	1.1 Element Fault
UPP089	284	'410907468_/_392483502'		10	10	10	1.89	1.1	10	5.99 No	1.1 Element Fault
UPP089	285	'56893592_/_56893585'		2.3	10	10	1.89	4.7	10	5.99 No	1.89 Thermal Discharging
UPP089	286	'6901963_/_6901960'		6.3	10	10	1.89	1.7	10	5.99 No	1.7 Element Fault
UPP089	287	'58132397_/_58132333'		2.3	10	10	1.89	4.7	10	5.99 No	1.89 Thermal Discharging
UPP089	288	'56893123_/_56893119'		1.03	3.33	3.33	0.63	1.57	3.33	2 No	0.63 Thermal Discharging
UPP089	289	'6890416_/_75008588'		6.67	6.67	6.67	1.26	1	6.67	3.99 No	1 Element Fault
UPP089	290	'44010148_/_44010150_1'		6.67	6.67	6.67	1.26	0.73	6.67	3.99 No	0.73 Element Fault
UPP089	291	'436439496_/_471181134'		1.57	3.33	3.33	0.63	0.77	3.33	2 No	0.63 Thermal Discharging
UPP089	292	'6901980_/_6901977'		6	10	10	1.89	1.7	10	5.99 No	1.7 Element Fault
UPP089	293	'44012776_/_44012778'		6.67	6.67	6.67	1.26	1	6.67	3.99 No	1 Element Fault
UPP089	294	'6892405_/_6892402_2'		3.33	3.33	3.33	0.63	0.37	3.33	2 No	0.37 Element Fault
UPP089	295	'44010288_/_44010290'		3.33	3.33	3.33	0.63	0.5	3.33	2 No	0.5 Element Fault
UPP089	296	'435485807_/_6899955'		3.33	3.33	3.33	0.63	0.5	3.33	2 No	0.5 Element Fault

Feeder Name	Feeder ID	Node	Primary Over- Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
UPP089	297	'6890398_/_6890413'		6.67	6.67	6.67	1.26	1	6.67	3.99 No	1 Element Fault
UPP089	298	'6890543_/_8407516_2'		3.33	3.33	3.33	0.63	0.5	3.33	2 No	0.5 Element Fault
UPP089	299	'7778347_/_392483525'		10	10	10	1.89	1.1	10	5.99 No	1.1 Element Fault
UPP089	300	'152214206_/_152214176'		1.4	6.67	6.67	1.26	3.13	6.67	3.99 No	1.26 Thermal Discharging
UPP089	301	'6902000_/_6901997'		5.5	10	10	1.89	1.7	10	5.99 No	1.7 Element Fault
UPP089	302	'7778348_/_8407624_2'		10	10	10	1.89	1.1	10	5.99 No	1.1 Element Fault
UPP089	303	'6892351_/_8407624_1'		10	10	10	1.89	1.1	10	5.99 No	1.1 Element Fault
UPP089	304	'6892316_/_6892348'		10	10	10	1.89	1.1	10	5.99 No	1.1 Element Fault
UPP089	305	'385222490_/_6892313_2'		10	10	10	1.89	1.1	10	5.99 No	1.1 Element Fault
UPP089	306	'381517074_/_6892418_1'		3.33	3.33	3.33	0.63	0.37	3.33	2 No	0.37 Element Fault
UPP089	307	'6892085_/_6892108'		3.33	3.33	3.33	0.63	0.37	3.33	2 No	0.37 Element Fault
UPP089	308	'50506758_/_8407516_1'		3.33	3.33	3.33	0.63	0.1	3.33	2 No	0.1 Element Fault
UPP089	309	'6892315_/_6892313_1'		9.5	10	10	1.89	1.1	10	5.99 No	1.1 Element Fault
UPP089	310	'141667675_/_7778417_1'		9.1	10	10	1.89	1.1	10	5.99 No	1.1 Element Fault
UPP089	311	'6892421_/_6892418_2'		3.33	3.33	3.33	0.63	0.37	3.33	2 No	0.37 Element Fault
UPP089	312	'6890383_/_6890395'		5.4	6.67	6.67	1.26	1	6.67	3.99 No	1 Element Fault
UPP089	313	'6902020_/_6902017'		5.1	10	10	1.89	1.7	10	5.99 No	1.7 Element Fault
UPP089	314	'6890382_/_6890380'		5.13	6.67	6.67	1.26	1	6.67	3.99 No	1 Element Fault
UPP089	315	'391565213_/_6890507_2'		2.57	3.33	3.33	0.63	0.5	3.33	2 No	0.5 Element Fault
UPP089	316	'44010082_/_6892431'		3.33	3.33	3.33	0.63	0.37	3.33	2 No	0.37 Element Fault
UPP089	317	'6890497_/_6890507_1'		2.6	3.33	3.33	0.63	0.1	3.33	2 No	0.1 Element Fault
UPP089	318	'44010137_/_6892082'		2.47	3.33	3.33	0.63	0.37	3.33	2 No	0.37 Element Fault
UPP089	319	'44011400_/_44011402'		4.67	6.67	6.67	1.26	1	6.67	3.99 No	1 Element Fault
UPP089	320	'44010070_/_44010072'		4.73	6.67	6.67	1.26	0.73	6.67	3.99 No	0.73 Element Fault
UPP089	321	'56893141_/_56893138'		0.9	3.33	3.33	0.63	1.57	3.33	2 No	0.63 Thermal Discharging
UPP089	322	'74045280_/_44010084'		3.07	3.33	3.33	0.63	0.37	3.33	2 No	0.37 Element Fault
UPP089	323	'6902069_/_6902173'		4.7	10	10	1.89	1.7	10	5.99 No	1.7 Element Fault
UPP089	324	'8100637_/_8100634'		1.5	3.33	3.33	0.63	0.3	3.33	2 No	0.3 Element Fault
UPP089	325	'6886265_/_6893594'		4.27	6.67	6.67	1.26	1	6.67	3.99 No	1 Element Fault
UPP089	326	'473653953_/_473653961'		1.23	3.33	3.33	0.63	0.77	3.33	2 No	0.63 Thermal Discharging
UPP089	327	'6890484_/_6890494'		2.47	3.33	3.33	0.63	0.1	3.33	2 No	0.1 Element Fault
UPP089	328	'394798935_/_6890481'		2.47	3.33	3.33	0.63	0.1	3.33	2 No	0.1 Element Fault
UPP089	329	'58132329_/_58132399'		2.3	10	10	1.89	4.7	10	5.99 No	1.89 Thermal Discharging
UPP089	330	'6902055_/_6902067'		4.6	10	10	1.89	1.7	10	5.99 No	1.7 Element Fault
UPP089	331	'7778907_/_9045797'		4.6	10	10	1.89	1.7	10	5.99 No	1.7 Element Fault
UPP089	332	'50506823_/_584917512'		2.37	3.33	3.33	0.63	0.1	3.33	2 No	0.1 Element Fault
UPP089	333	'74045326_/_74045287'		2.63	3.33	3.33	0.63	0.37	3.33	2 No	0.37 Element Fault
UPP089	334	'67360977_/_6902052_2'		4.5	10	10	1.89	1.7	10	5.99 No	1.7 Element Fault
UPP089	335	'6886264_/_6886262'		4	6.67	6.67	1.26	1	6.67	3.99 No	1 Element Fault
UPP089	336	'6892069_/_6892095'		2.07	3.33	3.33	0.63	0.37	3.33	2 No	0.37 Element Fault
UPP089	337	'7778908_/_7778905'		4.5	10	10	1.89	1.1	10	5.99 No	1.1 Element Fault
UPP089	338	'6888174_/_6892298'		4.07	6.67	6.67	1.26	0.73	6.67	3.99 No	0.73 Element Fault
UPP089	339	'6902037_/_6902052_1'		4.4	10	10	1.89	0.9	10	5.99 No	0.9 Element Fault
UPP089	340	'74045356_/_74045329'		2.5	3.33	3.33	0.63	0.37	3.33	2 No	0.37 Element Fault
UPP089	341	'58132363_/_58132370'		2.3	10	10	1.89	4.7	10	5.99 No	1.89 Thermal Discharging
UPP089	342	'6902087_/_6902084'		4.4	10	10	1.89	1.7	10	5.99 No	1.7 Element Fault
UPP089	343	'44011980_/_6902034'		4.2	10	10	1.89	0.9	10	5.99 No	0.9 Element Fault
UPP089	344	'44010126_/_44010128'		1.87	3.33	3.33	0.63	0.37	3.33	2 No	0.37 Element Fault
UPP089	345	'44010844_/_44010846'		3.6	6.67	6.67	1.26	1	6.67	3.99 No	1 Element Fault
UPP089	346	'44010059_/_6888171'		3.6	6.67	6.67	1.26	0.73	6.67	3.99 No	0.73 Element Fault
UPP089	347	'6902110_/_6902107'		4.1	10	10	1.89	1.7	10	5.99 No	1.7 Element Fault
UPP089	348	'8100728_/_8100726'		1.33	3.33	3.33	0.63	0.3	3.33	2 No	0.3 Element Fault
UPP089	349	'6894700_/_6894712'		4	10	10	1.89	0.9	10	5.99 No	0.9 Element Fault
UPP089	350	'50506789_/_584917530'		1.9	3.33	3.33	0.63	0.1	3.33	2 No	0.1 Element Fault
UPP089	351	'117917183_/_117917265'		2.3	10	10	1.89	4.7	10	5.99 No	1.89 Thermal Discharging
UPP089	352	'56893255_/_56893082'		0.67	3.33	3.33	0.63	1.57	3.33	2 No	0.63 Thermal Discharging
UPP089	353	'6892068_/_6892066'		1.7	3.33	3.33	0.63	0.37	3.33	2 No	0.37 Element Fault
UPP089	354	'44010281_/_6887441'		3.27	6.67	6.67	1.26	1	6.67	3.99 No	1 Element Fault
UPP089	355	'44011968_/_44011970'		3.9	10	10	1.89	0.9	10	5.99 No	0.9 Element Fault
UPP089	356	'6887782_/_6888189'		1.67	3.33	3.33	0.63	0.37	3.33	2 No	0.37 Element Fault
UPP089	357	'66925543_/_6902153'		3.8	10	10	1.89	1.7	10	5.99 No	1.7 Element Fault
UPP089	358	'6902156_/_9672062_2'		3.8	10	10	1.89	1.7	10	5.99 No	1.7 Element Fault
UPP089	359	'7778928_/_7778925_2'		1.3	3.33	3.33	0.63	0.57	3.33	2 No	0.57 Element Fault
UPP089	360	'7465075_/_7778869'		1.3	3.33	3.33	0.63	0.57	3.33	2 No	0.57 Element Fault
UPP089	361	'6886431_/_6886429'		3.07	6.67	6.67	1.26	1	6.67	3.99 No	1 Element Fault
UPP089	362	'6894670_/_6894682'		3.7	10	10	1.89	0.9	10	5.99 No	0.9 Element Fault
UPP089	363	'7778028_/_9666534_2'		1.53	3.33	3.33	0.63	0.5	3.33	2 No	0.5 Element Fault
UPP089	364	'9672064_/_9672062_1'		3.7	10	10	1.89	0.9	10	5.99 No	0.9 Element Fault
UPP089	365	'6887781_/_6887779'		1.57	3.33	3.33	0.63	0.37	3.33	2 No	0.37 Element Fault
UPP089	366	'385222516_/_9359592_3'		1.57	3.33	3.33	0.63	0.37	3.33	2 No	0.37 Element Fault
UPP089	367	'6894652_/_6894667'		3.7	10	10	1.89	0.9	10	5.99 No	0.9 Element Fault
UPP089	368	'7777791_/_9666534_1'		1.5	3.33	3.33	0.63	0.1	3.33	2 No	0.1 Element Fault
UPP089	369	'7778927_/_7778925_1'		1.27	3.33	3.33	0.63	0.3	3.33	2 No	0.3 Element Fault
UPP089	370	'117917138_/_117917194'		2.2	10	10	1.89	4.7	10	5.99 No	1.89 Thermal Discharging
UPP089	371	'7777792_/_7777789'		1.43	3.33	3.33	0.63	0.1	3.33	2 No	0.1 Element Fault
UPP089	372	'152214170_/_117917156'		2.1	10	10	1.89	4.7	10	5.99 No	1.89 Thermal Discharging
UPP089	373	'6887259_/_6887271'		2.87	6.67	6.67	1.26	1	6.67	3.99 No	1 Element Fault
UPP089	374	'385222521_/_9359592_2'		1.47	3.33	3.33	0.63	0.3	3.33	2 No	0.3 Element Fault
UPP089	375	'6894637_/_6894649'		3.5	10	10	1.89	0.9	10	5.99 No	0.9 Element Fault
UPP089	376	'6887939_/_9359592_1'		1.43	3.33	3.33	0.63	0.1	3.33	2 No	0.1 Element Fault
UPP089	377	'8407519_/_584917503'		1.57	3.33	3.33	0.63	0.1	3.33	2 No	0.1 Element Fault
UPP089	378	'6887181_/_6887208'		2.73	6.67	6.67	1.26	1	6.67	3.99 No	1 Element Fault
UPP089	379	'7464133_/_7464131_1'		2.73	6.67	6.67	1.26	0.3	6.67	3.99 No	0.3 Element Fault
UPP089	380	'44011956_/_44011958'		2.33	6.67	6.67	1.26	0.6	6.67	3.99 No	0.6 Element Fault
UPP089	381	'7465076_/_7465073'		1.17	3.33	3.33	0.63	0.3	3.33	2 No	0.3 Element Fault
UPP089	382	'90754165_/_152214211'		2	10	10	1.89	4.7	10	5.99 No	1.89 Thermal Discharging
UPP089	383	'6887145_/_6887178'		2.67	6.67	6.67	1.26	1	6.67	3.99 No	1 Element Fault
UPP089	384	'6887938_/_6887936'		1.33	3.33	3.33	0.63	0.1	3.33	2 No	0.1 Element Fault
UPP089	385	'445381250_/_121839073_2'		2.6	6.67	6.67	1.26	1	6.67	3.99 No	1 Element Fault
UPP089	386	'90753918_/_90754176'		2	10	10	1.89	4.7	10	5.99 No	1.89 Thermal Discharging
UPP089	387	'8728465_/_9672082'		1.07	3.33	3.33	0.63	0.3	3.33	2 No	0.3 Element Fault
UPP089	388	'6894636_/_6894634'		2.2	6.67	6.67	1.26	0.6	6.67	3.99 No	0.6 Element Fault
UPP089	389	'8408097_/_8408094'		1.07	3.33	3.33	0.63	0.3	3.33	2 No	0.3 Element Fault
UPP089	390	'90753879_/_90753975'		1.9	10	10	1.89	4.7	10	5.99 No	1.89 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
UPPO89	391	'8728449_/_9672118'	1.07	3.33	3.33	0.63	0.3	3.33	2 No	0.3	Element Fault
UPPO89	392	'7464134_/_7464131_2'	2.33	6.67	6.67	1.26	0.3	6.67	3.99 No	0.3	Element Fault
UPPO89	393	'90753806_/_90753952'	1.8	10	10	1.89	4.7	10	5.99 No	1.8	Primary Over-Voltage
UPPO89	394	'90753792_/_56892267'	1.8	10	10	1.89	4.7	10	5.99 No	1.8	Primary Over-Voltage
UPPO89	395	'389238031_/_56892224'	1.8	10	10	1.89	4.7	10	5.99 No	1.8	Primary Over-Voltage
UPPO89	396	'90753704_/_56892093'	1.8	10	10	1.89	4.7	10	5.99 No	1.8	Primary Over-Voltage
UPPO89	397	'7465091_/_8728578'	1	3.33	3.33	0.63	0.3	3.33	2 No	0.3	Element Fault
UPPO89	398	'8728448_/_8728446_1'	1	3.33	3.33	0.63	0.3	3.33	2 No	0.3	Element Fault
UPPO89	399	'6902130_/_6902127_2'	1	3.33	3.33	0.63	0.57	3.33	2 No	0.57	Element Fault
UPPO89	400	'6899160_/_6902127_1'	1	3.33	3.33	0.63	0.3	3.33	2 No	0.3	Element Fault
UPPO89	401	'7465092_/_7465089'	0.97	3.33	3.33	0.63	0.3	3.33	2 No	0.3	Element Fault
UPPO89	402	'6899144_/_6899157'	0.97	3.33	3.33	0.63	0.3	3.33	2 No	0.3	Element Fault
UPPO89	403	'7464999_/_347183229'	0.9	3.33	3.33	0.63	0.3	3.33	2 No	0.3	Element Fault
UPPO89	404	'6899143_/_6899141'	0.93	3.33	3.33	0.63	0.3	3.33	2 No	0.3	Element Fault
UPPO89	405	'44013172_/_44013174'	0.93	3.33	3.33	0.63	0.3	3.33	2 No	0.3	Element Fault
UPPO89	406	'6899110_/_7464997'	0.87	3.33	3.33	0.63	0.3	3.33	2 No	0.3	Element Fault
UPPO89	407	'44013161_/_44013163'	0.9	3.33	3.33	0.63	0.3	3.33	2 No	0.3	Element Fault
UPPO89	408	'44013069_/_6899108'	0.87	3.33	3.33	0.63	0.1	3.33	2 No	0.3	Element Fault
UPPO89	409	'6898186_/_6898183_2'	0.9	3.33	3.33	0.63	0.3	3.33	2 No	0.3	Element Fault
UPPO89	410	'6899111_/_44013071'	0.83	3.33	3.33	0.63	0.1	3.33	2 No	0.3	Element Fault
UPPO89	411	'6898173_/_6898183_1'	0.87	3.33	3.33	0.63	0.3	3.33	2 No	0.3	Element Fault
UPPO89	412	'6898172_/_6898170'	0.83	3.33	3.33	0.63	0.3	3.33	2 No	0.3	Element Fault
UPPO89	413	'44013150_/_44013152'	0.8	3.33	3.33	0.63	0.3	3.33	2 No	0.3	Element Fault
UPPO89	414	'6898159_/_6898157'	0.77	3.33	3.33	0.63	0.3	3.33	2 No	0.3	Element Fault
UPPO89	415	'6898267_/_6902252'	0.77	3.33	3.33	0.63	0.3	3.33	2 No	0.3	Element Fault
UPPO89	416	'44013139_/_44013141'	0.73	3.33	3.33	0.63	0.3	3.33	2 No	0.3	Element Fault
UPPO89	417	'6898280_/_6902239'	0.7	3.33	3.33	0.63	0.3	3.33	2 No	0.3	Element Fault
UPPO89	418	'44013128_/_44013130'	0.7	3.33	3.33	0.63	0.3	3.33	2 No	0.3	Element Fault
UPPO89	419	'6898212_/_6898225'	0.67	3.33	3.33	0.63	0.3	3.33	2 No	0.3	Element Fault
UPPO89	420	'44013183_/_44013185'	0.67	3.27	3.33	0.63	0.3	3.33	2 No	0.3	Element Fault
UPPO89	421	'152214242_/_152214275'	0.37	2.97	3.33	0.63	1.57	3.33	2 No	0.37	Primary Over-Voltage
UPPO89	422	'6898199_/_6898209'	0.63	3.17	3.33	0.63	0.3	3.33	2 No	0.3	Element Fault
UPPO89	423	'44012227_/_6898196'	0.63	3.1	3.33	0.63	0.3	3.33	2 No	0.3	Element Fault
UPPO89	424	'6895394_/_6895407'	0.63	3.07	3.33	0.63	0.3	3.33	2 No	0.3	Element Fault
UPPO89	425	'6895380_/_6895391'	0.6	3.03	3.33	0.63	0.3	3.33	2 No	0.3	Element Fault
UPPO89	426	'44012238_/_6895378'	0.6	3	3.33	0.63	0.3	3.33	2 No	0.3	Element Fault
UPPO89	427	'6895381_/_44012240'	0.6	2.97	3.33	0.63	0.3	3.33	2 No	0.3	Element Fault
VES021	0	'VES021_/_2075772'	0	0	0	0	2.8	10	0 No	0	Primary Over-Voltage
VES021	1	'2075740_/_2075772'	0	0	0	0	2.8	10	0 No	0	Primary Over-Voltage
VES021	2	'2075710_/_2075738'	0	0	0	0	2.8	10	0 No	0	Primary Over-Voltage
VES021	3	'466473140_/_456050800_1'	0	0	0	0	2.3	10	0 No	0	Primary Over-Voltage
VES021	4	'456050803_/_456050800_2'	0	0	0	0	2.3	10	0 No	0	Primary Over-Voltage
VES021	5	'456050823_/_456050820'	0	0	0	0	2.3	10	0 No	0	Primary Over-Voltage
VES021	6	'456050843_/_456050840'	0	0	0	0	2.3	10	0 No	0	Primary Over-Voltage
VES021	7	'2054220_/_2075708'	0	0	0	0	2.8	10	0 No	0	Primary Over-Voltage
VES021	8	'2075694_/_2075692_1'	0	0	0	0	0.2	3.33	0 No	0	Primary Over-Voltage
VES021	9	'2054187_/_456050860_2'	0	0	0	0	2.3	10	0 No	0	Primary Over-Voltage
VES021	10	'43103080_/_2054218'	0	0	0	0	2.8	10	0 No	0	Primary Over-Voltage
VES021	11	'2054221_/_2054235_1'	0	0	0	0	2.8	10	0 No	0	Primary Over-Voltage
VES021	12	'456050863_/_456050860_1'	0	0	0	0	2.3	10	0 No	0	Primary Over-Voltage
VES021	13	'453499260_/_453499257'	0	0	0	0	0.77	3.33	0 No	0	Primary Over-Voltage
VES021	14	'2054238_/_2054235_2'	0	0	0	0	2.8	10	0 No	0	Primary Over-Voltage
VES021	15	'456050883_/_456050880'	0	0	0	0	2.3	10	0 No	0	Primary Over-Voltage
VES021	16	'2054255_/_2054252'	0	0	0	0	2.8	10	0 No	0	Primary Over-Voltage
VES021	17	'2054288_/_2054285'	0	0	0	0	2.8	10	0 No	0	Primary Over-Voltage
VES021	18	'2054275_/_2077377_1'	0	0	0	0	0.2	3.33	0 No	0	Primary Over-Voltage
VES021	19	'456050903_/_456050900'	0	0	0	0	2.3	10	0 No	0	Primary Over-Voltage
VES021	20	'2060358_/_2060373'	0	0	0	0	2.8	10	0 No	0	Primary Over-Voltage
VES021	21	'456050923_/_456050920'	0	0	0	0	2.3	10	0 No	0	Primary Over-Voltage
VES021	22	'8773299_/_9424748_1'	0	0	0	0	0.2	3.33	0 No	0	Primary Over-Voltage
VES021	23	'2054304_/_2060356'	0	0	0	0	2.8	10	0 No	0	Primary Over-Voltage
VES021	24	'456050943_/_456050940'	0	0	0	0	2.3	10	0 No	0	Primary Over-Voltage
VES021	25	'2054305_/_2054302'	0	0	0	0	2.8	10	0 No	0	Primary Over-Voltage
VES021	26	'2054065_/_456050960_1'	0	0	0	0	2.3	10	0 No	0	Primary Over-Voltage
VES021	27	'445933145_/_445933061_1'	0	0	0	0	0.2	3.33	0 No	0	Primary Over-Voltage
VES021	28	'43103054_/_456050980'	0	0	0	0	2.3	10	0 No	0	Primary Over-Voltage
VES021	29	'2054322_/_2054319'	0	0	0	0	2.8	10	0 No	0	Primary Over-Voltage
VES021	30	'2054339_/_2054336'	0	0	0	0	2.8	10	0 No	0	Primary Over-Voltage
VES021	31	'456051003_/_456051000'	0	0	0	0	2.3	10	0 No	0	Primary Over-Voltage
VES021	32	'2054356_/_2054353'	0	0	0	0	2.8	10	0 No	0	Primary Over-Voltage
VES021	33	'2054030_/_456051163'	0	0	0	0	2.3	10	0 No	0	Primary Over-Voltage
VES021	34	'2054373_/_2054370'	0	0	0	0	2.8	10	0 No	0	Primary Over-Voltage
VES021	35	'456051186_/_456051183'	0	0	0	0	2.3	10	0 No	0	Primary Over-Voltage
VES021	36	'2059719_/_51950778'	0	0	0	0	2.3	10	0 No	0	Primary Over-Voltage
VES021	37	'2054680_/_2068633'	0	0	0	0	2.8	10	0 No	0	Primary Over-Voltage
VES021	38	'456051363_/_456051203_1'	0	0	0	0	0.2	3.33	0 No	0	Primary Over-Voltage
VES021	39	'2059739_/_51950799'	0	0	0	0	2.3	10	0 No	0	Primary Over-Voltage
VES021	40	'2054681_/_2054678'	0	0	0	0	2.8	10	0 No	0	Primary Over-Voltage
VES021	41	'2059756_/_51950820'	0	0	0	0	2.3	10	0 No	0	Primary Over-Voltage
VES021	42	'2054701_/_2054698'	0	0	0	0	2.8	10	0 No	0	Primary Over-Voltage
VES021	43	'43103030_/_51950845'	0	0	0	0	2.3	10	0 No	0	Primary Over-Voltage
VES021	44	'2054718_/_2054715'	0	0	0	0	2.8	10	0 No	0	Primary Over-Voltage
VES021	45	'2076826_/_2076824_2'	0	0	0	0	2.5	10	0 No	0	Primary Over-Voltage
VES021	46	'2059790_/_51950870'	0	0	0	0	2.3	10	0 No	0	Primary Over-Voltage
VES021	47	'2054735_/_2054732'	0	0	0	0	2.8	10	0 No	0	Primary Over-Voltage
VES021	48	'9424751_/_9424748_2'	0	0	0	0	0.2	3.33	0 No	0	Primary Over-Voltage
VES021	49	'2059807_/_51950891'	0	0	0	0	2.3	10	0 No	0	Primary Over-Voltage
VES021	50	'456051206_/_456051203_2'	0	0	0	0	0.2	3.33	0 No	0	Primary Over-Voltage
VES021	51	'2054752_/_2054749'	0	0	0	0	2.8	10	0 No	0	Primary Over-Voltage
VES021	52	'43103104_/_2076824_1'	0	0	0	0	2.5	10	0 No	0	Primary Over-Voltage
VES021	53	'2059824_/_51950912'	0	0	0	0	2.3	10	0 No	0	Primary Over-Voltage
VES021	54	'2054769_/_2054766'	0	0	0	0	2.8	10	0 No	0	Primary Over-Voltage
VES021	55	'2059841_/_51950933'	0	0	0	0	2.3	10	0 No	0	Primary Over-Voltage
VES021	56	'445933042_/_445933061_2'	0	0	0	0	0.2	3.33	0 No	0	Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
VES021	57	'2059875_/_51950954'	0	0	0	0	2.3	10	0 No	0	Primary Over-Voltage
VES021	58	'2054786_/_2054783'	0	0	0	0	2.8	10	0 No	0	Primary Over-Voltage
VES021	59	'2059892_/_51950975'	0	0	0	0	2.3	10	0 No	0	Primary Over-Voltage
VES021	60	'110304377_/_2068067_2'	0	0	0	0	0.77	3.33	0 No	0	Primary Over-Voltage
VES021	61	'2054806_/_2054803'	0	0	0	0	2.8	10	0 No	0	Primary Over-Voltage
VES021	62	'2059909_/_51950996'	0	0	0	0	2.3	10	0 No	0	Primary Over-Voltage
VES021	63	'2054823_/_2054820'	0	0	0	0	2.8	10	0 No	0	Primary Over-Voltage
VES021	64	'2059926_/_51951017'	0	0	0	0	2.3	10	0 No	0	Primary Over-Voltage
VES021	65	'2030513_/_51951038'	0	0	0	0	2.3	10	0 No	0	Primary Over-Voltage
VES021	66	'2054840_/_2054837'	0	0	0	0	2.8	10	0 No	0	Primary Over-Voltage
VES021	67	'2053783_/_51951059'	0	0	0	0	2.2	10	0 No	0	Primary Over-Voltage
VES021	68	'2054857_/_2054854'	0	0	0	0	2.8	10	0 No	0	Primary Over-Voltage
VES021	69	'466472836_/_466472182_1'	0	0	0	0	2.2	10	0 No	0	Primary Over-Voltage
VES021	70	'466472185_/_466472182_2'	0	0	0	0	2.2	10	0 No	0	Primary Over-Voltage
VES021	71	'74333702_/_68627311_1'	0	0	0	0	0.2	3.33	0 No	0	Primary Over-Voltage
VES021	72	'2058596_/_2068067_1'	0	0	0	0	0.2	3.33	0 No	0	Primary Over-Voltage
VES021	73	'2053800_/_51952011'	0	0	0	0	2.2	10	0 No	0	Primary Over-Voltage
VES021	74	'466472203_/_466472200'	0	0	0	0	2.2	10	0 No	0	Primary Over-Voltage
VES021	75	'2054664_/_2076841'	0	0	0	0	2.5	10	0 No	0	Primary Over-Voltage
VES021	76	'2053817_/_2068051_1'	0	0	0	0	0.2	3.33	0 No	0	Primary Over-Voltage
VES021	77	'2054874_/_2054871'	0	0	0	0	2.8	10	0 No	0	Primary Over-Voltage
VES021	78	'2053830_/_51952032'	0	0	0	0	2.2	10	0 No	0	Primary Over-Voltage
VES021	79	'2077380_/_2077377_2'	0	0	0	0	0.2	3.33	0 No	0	Primary Over-Voltage
VES021	80	'2053847_/_43102856_1'	0	0	0	0	0.2	3.33	0 No	0	Primary Over-Voltage
VES021	81	'2054891_/_2054888'	0	0	0	0	2.8	10	0 No	0	Primary Over-Voltage
VES021	82	'68627314_/_68627311_2'	0	0	0	0	0.2	3.33	0 No	0	Primary Over-Voltage
VES021	83	'466472998_/_466473065'	0	0	0	0	2.2	10	0 No	0	Primary Over-Voltage
VES021	84	'466472999_/_466472996'	0	0	0	0	2.2	10	0 No	0	Primary Over-Voltage
VES021	85	'466473010_/_466473008'	0	0	0	0	1.2	10	0 No	0	Primary Over-Voltage
VES021	86	'466473016_/_466473014'	0	0	0	0	0.3	10	0 No	0	Primary Over-Voltage
VES021	87	'466473004_/_466473002'	0	0	0	0	2.2	10	0 No	0	Primary Over-Voltage
VES021	88	'2054911_/_2054908'	0	0	0	0	2.8	10	0 No	0	Primary Over-Voltage
VES021	89	'68627360_/_68627343_1'	0	0	0	0	0.1	3.33	0 No	0	Primary Over-Voltage
VES021	90	'2053860_/_51951080'	0	0	0	0	2.2	10	0 No	0	Primary Over-Voltage
VES021	91	'456051222_/_456051219'	0	0	0	0	0.2	3.33	0 No	0	Primary Over-Voltage
VES021	92	'2054928_/_2054925'	0	0	0	0	2.8	10	0 No	0	Primary Over-Voltage
VES021	93	'2053880_/_51951109'	0	0	0	0	2.2	10	0 No	0	Primary Over-Voltage
VES021	94	'8167425_/_9424816_2'	0	0	0	0	0.73	3.33	0 No	0	Primary Over-Voltage
VES021	95	'43103093_/_2075692_2'	0	0	0	0	0.2	3.33	0 No	0	Primary Over-Voltage
VES021	96	'2053897_/_51951130'	0	0	0	0	2.2	10	0 No	0	Primary Over-Voltage
VES021	97	'2058597_/_2058594'	0	0	0	0	0.2	3.33	0 No	0	Primary Over-Voltage
VES021	98	'2030525_/_2030523_1'	0	0	0	0	0.2	3.33	0 No	0	Primary Over-Voltage
VES021	99	'2053914_/_51951155'	0	0	0	0	2.2	10	0 No	0	Primary Over-Voltage
VES021	100	'2054945_/_2054942'	0	0	0	0	2.8	10	0 No	0	Primary Over-Voltage
VES021	101	'2053931_/_51951180'	0	0	0	0	2.2	10	0 No	0	Primary Over-Voltage
VES021	102	'2053977_/_51951201'	0	0	0	0	2.2	10	0 No	0	Primary Over-Voltage
VES021	103	'2054647_/_2054661'	0	0	0	0	2.5	10	0 No	0	Primary Over-Voltage
VES021	104	'2054962_/_2054959'	0	0	0	0	2.8	10	0 No	0	Primary Over-Voltage
VES021	105	'2053948_/_2053961_1'	0	0	0	0	0.2	3.33	0 No	0	Primary Over-Voltage
VES021	106	'2053994_/_51951226'	0	0	0	0	2.2	10	0 No	0	Primary Over-Voltage
VES021	107	'466472625_/_466472644'	0	0	0	0	1.2	10	0 No	0	Primary Over-Voltage
VES021	108	'2058612_/_2068051_2'	0	0	0	0	0.2	3.33	0 No	0	Primary Over-Voltage
VES021	109	'2030526_/_2030523_2'	0	0	0	0	0.2	3.33	0 No	0	Primary Over-Voltage
VES021	110	'2054011_/_51951247'	0	0	0	0	2.2	10	0 No	0	Primary Over-Voltage
VES021	111	'2054979_/_2054976'	0	0	0	0	2.8	10	0 No	0	Primary Over-Voltage
VES021	112	'2057363_/_51951268'	0	0	0	0	2.2	10	0 No	0	Primary Over-Voltage
VES021	113	'466472672_/_466472691'	0	0	0	0	1.2	10	0 No	0	Primary Over-Voltage
VES021	114	'2080088_/_2080098_1'	0	0	0	0	0.2	3.33	0 No	0	Primary Over-Voltage
VES021	115	'5195215_/_51951314'	0	0	0	0	2.2	10	0 No	0	Primary Over-Voltage
VES021	116	'2062780_/_2068315'	0	0	0	0	2.8	10	0 No	0	Primary Over-Voltage
VES021	117	'2057397_/_51951335'	0	0	0	0	2.2	10	0 No	0	Primary Over-Voltage
VES021	118	'2062781_/_2062778'	0	0	0	0	2.8	10	0 No	0	Primary Over-Voltage
VES021	119	'2057414_/_51951360'	0	0	0	0	2.2	10	0 No	0	Primary Over-Voltage
VES021	120	'2062798_/_2062795'	0	0	0	0	2.8	10	0 No	0	Primary Over-Voltage
VES021	121	'2057548_/_2067979_2'	0	0	0	0	0.73	3.33	0 No	0	Primary Over-Voltage
VES021	122	'2057431_/_51951385'	0	0	0	0	2.2	10	0 No	0	Primary Over-Voltage
VES021	123	'2062815_/_2062812'	0	0	0	0	2.8	10	0 No	0	Primary Over-Voltage
VES021	124	'2080101_/_2080098_2'	0	0	0	0	0.2	3.33	0 No	0	Primary Over-Voltage
VES021	125	'2057448_/_51951406'	0	0	0	0	2.2	10	0 No	0	Primary Over-Voltage
VES021	126	'2054630_/_2054644'	0	0	0	0	2.5	10	0 No	0	Primary Over-Voltage
VES021	127	'2062832_/_2062829'	0	0	0	0	2.8	9.79	0 No	0	Primary Over-Voltage
VES021	128	'2055011_/_2068269_1'	0	0	0	0	0.4	3.33	0 No	0	Primary Over-Voltage
VES021	129	'2057465_/_51951427'	0	0	0	0	2.2	10	0 No	0	Primary Over-Voltage
VES021	130	'555070697_/_51951448'	0	0	0	0	2.2	10	0 No	0	Primary Over-Voltage
VES021	131	'2062849_/_2062846'	0	0	0	0	2.8	9.51	0 No	0	Primary Over-Voltage
VES021	132	'555070862_/_555070645_1'	0	0	0	0	0.4	10	0 No	0	Primary Over-Voltage
VES021	133	'612029724_/_555070645_2'	0	0	0	0	0.4	10	0 No	0	Primary Over-Voltage
VES021	134	'555070648_/_555070645_3'	0	0	0	0	0.4	9.38	0 No	0	Primary Over-Voltage
VES021	135	'555070832_/_555070663_1'	0	0	0	0	0.4	9.37	0 No	0	Primary Over-Voltage
VES021	136	'2057499_/_555070602'	0	0	0	0	2.2	10	0 No	0	Primary Over-Voltage
VES021	137	'555070666_/_555070663_2'	0	0	0	0	0.4	9.32	0 No	0	Primary Over-Voltage
VES021	138	'2062866_/_2062863'	0	0	0	0	2.8	9.25	0 No	0	Primary Over-Voltage
VES021	139	'43103117_/_2054993'	0	0	0	0	0.93	3.33	0 No	0	Primary Over-Voltage
VES021	140	'2057516_/_51951494'	0	0	0	0	2.2	10	0 No	0	Primary Over-Voltage
VES021	141	'2058613_/_2058610'	0	0	0	0	0.2	3.33	0 No	0	Primary Over-Voltage
VES021	142	'2068038_/_43102856_2'	0	0	0	0	0.2	3.33	0 No	0	Primary Over-Voltage
VES021	143	'2057181_/_51951519'	0	0	0	0	2.2	10	0 No	0	Primary Over-Voltage
VES021	144	'2062883_/_2062880'	0	0	0	0	2.8	8.93	0 No	0	Primary Over-Voltage
VES021	145	'2057564_/_2057562_1'	0	0	0	0	0.2	2.97	0 No	0	Primary Over-Voltage
VES021	146	'2062900_/_2062897'	0	0	0	0	2.8	8.68	0 No	0	Primary Over-Voltage
VES021	147	'2057164_/_51951552'	0	0	0	0	2.2	10	0 No	0	Primary Over-Voltage
VES021	148	'456051238_/_456051235'	0	0	0	0	0.2	3.33	0 No	0	Primary Over-Voltage
VES021	149	'2054613_/_2054627'	0	0	0	0	2.5	10	0 No	0	Primary Over-Voltage
VES021	150	'2057350_/_2067979_1'	0	0	0	0	0.2	2.94	0 No	0	Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
VES021	151	'2062920_/_2062917'	0	0	0	0	2.8	8.46	0 No	0	Primary Over-Voltage
VES021	152	'2057147_/_51951581'	0	0	0	0	2.2	10	0 No	0	Primary Over-Voltage
VES021	153	'2062937_/_2062934'	0	0	0	0	2.8	8.21	0 No	0	Primary Over-Voltage
VES021	154	'2057130_/_51951606'	0	0	0	0	2.2	10	0 No	0	Primary Over-Voltage
VES021	155	'2062954_/_2062951'	0	0	0	0	2.8	8.01	0 No	0	Primary Over-Voltage
VES021	156	'2057113_/_51951627'	0	0	0	0	2.2	10	0 No	0	Primary Over-Voltage
VES021	157	'43103043_/_2053961_2'	0	0	0	0	0.2	2.94	0 No	0	Primary Over-Voltage
VES021	158	'2062971_/_2062968'	0	0	0	0	2.8	7.8	0 No	0	Primary Over-Voltage
VES021	159	'2057096_/_51951656'	0	0	0	0	2.2	10	0 No	0	Primary Over-Voltage
VES021	160	'8167701_/_8167699_1'	0	0	0	0	0.2	2.57	0 No	0	Primary Over-Voltage
VES021	161	'2062988_/_2062985'	0	0	0	0	2.8	7.59	0 No	0	Primary Over-Voltage
VES021	162	'2080114_/_2080111'	0	0	0	0	0.2	2.8	0 No	0	Primary Over-Voltage
VES021	163	'2057073_/_51951685'	0	0	0	0	2.2	10	0 No	0	Primary Over-Voltage
VES021	164	'2057334_/_2057347'	0	0	0	0	0.2	2.63	0 No	0	Primary Over-Voltage
VES021	165	'2063005_/_2063002'	0	0	0	0	2.8	7.4	0 No	0	Primary Over-Voltage
VES021	166	'121086454_/_2057279_2'	0	0	0	0	0.73	2.48	0 No	0	Primary Over-Voltage
VES021	167	'51952297_/_51951706'	0	0	0	0	2.2	10	0 No	0	Primary Over-Voltage
VES021	168	'9424819_/_9424816_1'	0	0	0	0	0.2	2.83	0 No	0	Primary Over-Voltage
VES021	169	'2057039_/_51951735'	0	0	0	0	2.2	10	0 No	0	Primary Over-Voltage
VES021	170	'2058626_/_43102845'	0	0	0	0	0.2	2.8	0 No	0	Primary Over-Voltage
VES021	171	'2063022_/_2063019'	0	0	0	0	2.8	7.01	0 No	0	Primary Over-Voltage
VES021	172	'2057022_/_51951764'	0	0	0	0	2.2	10	0 No	0	Primary Over-Voltage
VES021	173	'2057565_/_2057562_2'	0	0	0	0	0.2	2.47	0 No	0	Primary Over-Voltage
VES021	174	'2054596_/_2054610'	0	0	0	0	2.5	9.71	0 No	0	Primary Over-Voltage
VES021	175	'2063039_/_2063036'	0	0	0	0	2.8	6.82	0 No	0	Primary Over-Voltage
VES021	176	'2030496_/_2068269_2'	0	0	0	0	0.4	3.15	0 No	0	Primary Over-Voltage
VES021	177	'2057005_/_51951793'	0	0	0	0	2.2	10	0 No	0	Primary Over-Voltage
VES021	178	'2057321_/_2057331'	0	0	0	0	0.2	2.45	0 No	0	Primary Over-Voltage
VES021	179	'466472423_/_466472442'	0	0	0	0	0.3	10	0 No	0	Primary Over-Voltage
VES021	180	'43103237_/_20633117'	0	0	0	0	2.8	6.64	0 No	0	Primary Over-Voltage
VES021	181	'43102725_/_51951814'	0	0	0	0	2.2	10	0 No	0	Primary Over-Voltage
VES021	182	'2063058_/_43103239'	0	0	0	0	2.8	6.43	0 No	0	Primary Over-Voltage
VES021	183	'51952321_/_51951835'	0	0	0	0	2.2	10	0 No	0	Primary Over-Voltage
VES021	184	'2057269_/_2057279_1'	0	0	0	0	0.2	2.18	0 No	0	Primary Over-Voltage
VES021	185	'2057308_/_2057318'	0	0	0	0	0.2	2.3	0 No	0	Primary Over-Voltage
VES021	186	'2063059_/_2063056'	0	0	0	0	2.8	6.26	0 No	0	Primary Over-Voltage
VES021	187	'2054996_/_43103119'	0	0	0	0	0.93	2.5	0 No	0	Primary Over-Voltage
VES021	188	'52014659_/_51951856'	0	0	0	0	2.2	10	0 No	0	Primary Over-Voltage
VES021	189	'52014670_/_2057211_1'	0	0	0	0	0.2	2.03	0 No	0	Primary Over-Voltage
VES021	190	'2063076_/_2063073'	0	0	0	0	2.8	6.08	0 No	0	Primary Over-Voltage
VES021	191	'2056937_/_51951877'	0	0	0	0	2.2	10	0 No	0	Primary Over-Voltage
VES021	192	'2063093_/_2063090'	0	0	0	0	2.8	5.91	0 No	0	Primary Over-Voltage
VES021	193	'2057295_/_2057305'	0	0	0	0	0.2	2.17	0 No	0	Primary Over-Voltage
VES021	194	'2054576_/_2054593'	0	0	0	0	2.5	8.66	0 No	0	Primary Over-Voltage
VES021	195	'2056920_/_51951898'	0	0	0	0	2.2	10	0 No	0	Primary Over-Voltage
VES021	196	'103733509_/_2063107'	0	0	0	0	2.8	5.69	0 No	0	Primary Over-Voltage
VES021	197	'72036179_/_72036159_1'	0	0	0	0	0.6	5.7	0 No	0	Primary Over-Voltage
VES021	198	'103733503_/_103733466'	0	0	0	0	2.8	5.56	0 No	0	Primary Over-Voltage
VES021	199	'2056903_/_51951919'	0	0	0	0	2.2	10	0 No	0	Primary Over-Voltage
VES021	200	'456051254_/_456051251'	0	0	0	0	0.2	2.41	0 No	0	Primary Over-Voltage
VES021	201	'2080074_/_2080124'	0	0	0	0	0.2	2.21	0 No	0	Primary Over-Voltage
VES021	202	'103733703_/_103733729'	0	0	0	0	2.8	5.39	0 No	0	Primary Over-Voltage
VES021	203	'2056902_/_51951948'	0	0	0	0	2.2	10	0 No	0	Primary Over-Voltage
VES021	204	'103734145_/_103734131_1'	0	0	0	0	0.4	1.79	0 No	0	Primary Over-Voltage
VES021	205	'103733682_/_103733700'	0	0	0	0	2.8	5.3	0 No	0	Primary Over-Voltage
VES021	206	'2075695_/_43103095'	0	0	0	0	0.2	2.65	0 No	0	Primary Over-Voltage
VES021	207	'2063143_/_103734131_2'	0	0	0	0	0.4	1.76	0 No	0	Primary Over-Voltage
VES021	208	'2057591_/_2057588'	0	0	0	0	0.2	1.99	0 No	0	Primary Over-Voltage
VES021	209	'103733657_/_103733679'	0	0	0	0	2.8	5.18	0 No	0	Primary Over-Voltage
VES021	210	'43102749_/_43102751'	0	0	0	0	0.2	1.98	0 No	0	Primary Over-Voltage
VES021	211	'2078551_/_51951969'	0	0	0	0	2.2	10	0 No	0	Primary Over-Voltage
VES021	212	'2063181_/_103733654'	0	0	0	0	2.8	5.06	0 No	0	Primary Over-Voltage
VES021	213	'8167702_/_8167699_2'	0	0	0	0	0.2	1.88	0 No	0	Primary Over-Voltage
VES021	214	'2053964_/_43103045'	0	0	0	0	0.2	2.08	0 No	0	Primary Over-Voltage
VES021	215	'588450454_/_588450458'	0	0	0	0	2.2	7.34	0 No	0	Primary Over-Voltage
VES021	216	'43103263_/_2063195'	0	0	0	0	2.8	4.91	0 No	0	Primary Over-Voltage
VES021	217	'71132132_/_2063212'	0	0	0	0	2.8	4.74	0 No	0	Primary Over-Voltage
VES021	218	'588450425_/_588450429'	0	0	0	0	2.2	7.14	0 No	0	Primary Over-Voltage
VES021	219	'71132168_/_54422695_1'	0	0	0	0	0.2	1.56	0 No	0	Primary Over-Voltage
VES021	220	'2057256_/_2057266'	0	0	0	0	0.2	1.72	0 No	0	Primary Over-Voltage
VES021	221	'2056681_/_507675011'	0	0	0	0	2.2	7.01	0 No	0	Primary Over-Voltage
VES021	222	'507674018_/_507674378_2'	0	0	0	0	2.2	6.99	0 No	0	Primary Over-Voltage
VES021	223	'2057294_/_2057292'	0	0	0	0	0.2	1.79	0 No	0	Primary Over-Voltage
VES021	224	'2063235_/_71132126'	0	0	0	0	2.8	4.56	0 No	0	Primary Over-Voltage
VES021	225	'2078605_/_2078603'	0	0	0	0	2.2	7.33	0 No	0	Primary Over-Voltage
VES021	226	'2063252_/_2063249'	0	0	0	0	2.8	4.48	0 No	0	Primary Over-Voltage
VES021	227	'2063409_/_2063406_1'	0	0	0	0	0.2	1.48	0 No	0	Primary Over-Voltage
VES021	228	'43103276_/_2063266'	0	0	0	0	2.8	4.41	0 No	0	Primary Over-Voltage
VES021	229	'2054559_/_2054573'	0	0	0	0	2.5	7.24	0 No	0	Primary Over-Voltage
VES021	230	'52014632_/_2057211_2'	0	0	0	0	0.2	1.56	0 No	0	Primary Over-Voltage
VES021	231	'2063286_/_2063283'	0	0	0	0	2.8	4.31	0 No	0	Primary Over-Voltage
VES021	232	'2068373_/_2063406_2'	0	0	0	0	0.2	1.43	0 No	0	Primary Over-Voltage
VES021	233	'68627336_/_68627343_2'	0	0	0	0	0.1	1.97	0 No	0	Primary Over-Voltage
VES021	234	'507675310_/_507674378_1'	0	0	0	0	2.2	6.61	0 No	0	Primary Over-Voltage
VES021	235	'103734208_/_2063377_2'	0	0	0	0	0.93	1.42	0 No	0	Primary Over-Voltage
VES021	236	'2063353_/_2063436'	0	0	0	0	2.8	4.16	0 No	0	Primary Over-Voltage
VES021	237	'507675374_/_507675410'	0	0	0	0	2.2	6.54	0 No	0	Primary Over-Voltage
VES021	238	'588450392_/_507674322'	0	0	0	0	2.2	6.54	0 No	0	Primary Over-Voltage
VES021	239	'2068350_/_2068348'	0	0	0	0	2.8	4.11	0 No	0	Primary Over-Voltage
VES021	240	'2063354_/_2063351_1'	0	0	0	0	0.2	1.35	0 No	0	Primary Over-Voltage
VES021	241	'380508253_/_43104714_4'	0	0	0	0	2.2	6.93	0 No	0	Primary Over-Voltage
VES021	242	'380508231_/_43104714_3'	0	0	0	0	2.2	6.87	0 No	0	Primary Over-Voltage
VES021	243	'2063485_/_2063351_2'	0	0	0	0	0.2	1.33	0 No	0	Primary Over-Voltage
VES021	244	'507674784_/_507674200'	0	0	0	0	2.2	6.34	0 No	0	Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
VES021	245	'2080075_/_2080072'	0	0	0	0	0.2	1.74	0 No	0	Primary Over-Voltage
VES021	246	'380508219_/_43104714_2'	0	0	0	0	2.2	6.82	0 No	0	Primary Over-Voltage
VES021	247	'43104712_/_43104714_1'	0	0	0	0	2.2	6.78	0 No	0	Primary Over-Voltage
VES021	248	'72036149_/_72036159_2'	0	0	0	0	0.6	4.25	0 No	0	Primary Over-Voltage
VES021	249	'43104629_/_2078167'	0	0	0	0	2.8	3.86	0 No	0	Primary Over-Voltage
VES021	250	'2057616_/_2057601'	0	0	0	0	0.2	1.57	0 No	0	Primary Over-Voltage
VES021	251	'2057812_/_507674788'	0	0	0	0	2.2	6.16	0 No	0	Primary Over-Voltage
VES021	252	'2078280_/_2078294'	0	0	0	0	0.2	1.27	0 No	0	Primary Over-Voltage
VES021	253	'507674527_/_507674524'	0	0	0	0	2.2	5.99	0 No	0	Primary Over-Voltage
VES021	254	'2054542_/_2054556'	0	0	0	0	2.5	6.29	0 No	0	Primary Over-Voltage
VES021	255	'456051270_/_456051267'	0	0	0	0	0.2	1.71	0 No	0	Primary Over-Voltage
VES021	256	'54422438_/_54422445'	0	0	0	0	0.4	1.29	0 No	0	Primary Over-Voltage
VES021	257	'466472470_/_466472489'	0	0	0	0	0.3	7.5	0 No	0	Primary Over-Voltage
VES021	258	'2057846_/_507674550'	0	0	0	0	2.2	5.82	0 No	0	Primary Over-Voltage
VES021	259	'2076528_/_2078278'	0	0	0	0	0.2	1.19	0 No	0	Primary Over-Voltage
VES021	260	'2064151_/_43104631'	0	0	0	0	2.8	3.53	0 No	0	Primary Over-Voltage
VES021	261	'2057243_/_2057253'	0	0	0	0	0.2	1.31	0 No	0	Primary Over-Voltage
VES021	262	'2063472_/_2063482'	0	0	0	0	0.2	1.15	0 No	0	Primary Over-Voltage
VES021	263	'2063366_/_2063511'	0	0	0	0	0.2	1.13	0 No	0	Primary Over-Voltage
VES021	264	'2057863_/_507674475'	0	0	0	0	2.2	5.64	0 No	0	Primary Over-Voltage
VES021	265	'2057737_/_2057734'	0	0	0	0	0.2	1.4	0 No	0	Primary Over-Voltage
VES021	266	'2078626_/_2086560'	0	0	0	0	2.2	6.15	0 No	0	Primary Over-Voltage
VES021	267	'2064152_/_2064149'	0	0	0	0	2.8	3.32	0 No	0	Primary Over-Voltage
VES021	268	'386970252_/_2057894_1'	0	0	0	0	0.1	1.04	0 No	0	Primary Over-Voltage
VES021	269	'2030497_/_2030494'	0	0	0	0	0.4	1.86	0 No	0	Primary Over-Voltage
VES021	270	'2057880_/_507674421'	0	0	0	0	2.2	5.46	0 No	0	Primary Over-Voltage
VES021	271	'54422688_/_54422695_2'	0	0	0	0	0.2	1.12	0 No	0	Primary Over-Voltage
VES021	272	'2063379_/_2063377_1'	0	0	0	0	0.2	1.1	0 No	0	Primary Over-Voltage
VES021	273	'43103488_/_2076526'	0	0	0	0	0.2	1.05	0 No	0	Primary Over-Voltage
VES021	274	'507674564_/_507674394'	0	0	0	0	2.2	5.3	0 No	0	Primary Over-Voltage
VES021	275	'466472517_/_466472536'	0	0	0	0	0.3	5.68	0 No	0	Primary Over-Voltage
VES021	276	'2057930_/_507674562'	0	0	0	0	2.2	5.13	0 No	0	Primary Over-Voltage
VES021	277	'2063367_/_2063364'	0	0	0	0	0.2	0.97	0 No	0	Primary Over-Voltage
VES021	278	'2064169_/_2064166'	0	0	0	0	2.8	2.97	0 No	0	Primary Over-Voltage
VES021	279	'2078503_/_2078623'	0	0	0	0	2.2	5.74	0 No	0	Primary Over-Voltage
VES021	280	'2057947_/_507674448'	0	0	0	0	2.2	5	0 No	0	Primary Over-Voltage
VES021	281	'2057617_/_2057614'	0	0	0	0	0.2	1.19	0 No	0	Primary Over-Voltage
VES021	282	'2054525_/_2054539'	0	0	0	0	2.5	5.21	0 No	0	Primary Over-Voltage
VES021	283	'2057964_/_507674271'	0	0	0	0	2.2	4.89	0 No	0	Primary Over-Voltage
VES021	284	'2057981_/_507674342'	0	0	0	0	2.2	4.83	0 No	0	Primary Over-Voltage
VES021	285	'2078520_/_2078533_1'	0	0	0	0	0.2	0.96	0 No	0	Primary Over-Voltage
VES021	286	'2058173_/_2068080_2'	0	0	0	0	0.73	0.79	0 No	0	Primary Over-Voltage
VES021	287	'2058001_/_507674220'	0	0	0	0	2.2	4.7	0 No	0	Primary Over-Voltage
VES021	288	'2063459_/_2063469'	0	0	0	0	0.2	0.88	0 No	0	Primary Over-Voltage
VES021	289	'2064202_/_2064183'	0	0	0	0	2.8	2.6	0 No	0	Primary Over-Voltage
VES021	290	'7141993_/_2078533_2'	0	0	0	0	0.2	0.9	0 No	0	Primary Over-Voltage
VES021	291	'2058021_/_507674298'	0	0	0	0	2.2	4.55	0 No	0	Primary Over-Voltage
VES021	292	'2056609_/_2078500'	0	0	0	0	2.2	5.28	0 No	0	Primary Over-Voltage
VES021	293	'2057227_/_2057240'	0	0	0	0	0.2	0.94	0 No	0	Primary Over-Voltage
VES021	294	'2058186_/_2068552_2'	0	0	0	0	0.73	0.7	0 No	0	Primary Over-Voltage
VES021	295	'2064028_/_43103490'	0	0	0	0	0.2	0.82	0 No	0	Primary Over-Voltage
VES021	296	'2064304_/_2064629'	0	0	0	0	0.93	0.83	0 No	0	Primary Over-Voltage
VES021	297	'507674150_/_507674147'	0	0	0	0	2.2	4.43	0 No	0	Primary Over-Voltage
VES021	298	'2064593_/_2064590'	0	0	0	0	0.93	0.8	0 No	0	Primary Over-Voltage
VES021	299	'2058055_/_507674247'	0	0	0	0	2.2	4.3	0 No	0	Primary Over-Voltage
VES021	300	'2057750_/_2057747'	0	0	0	0	0.2	0.99	0 No	0	Primary Over-Voltage
VES021	301	'2064029_/_2064026'	0	0	0	0	0.2	0.75	0 No	0	Primary Over-Voltage
VES021	302	'7141994_/_7141991'	0	0	0	0	0.2	0.8	0 No	0	Primary Over-Voltage
VES021	303	'2064220_/_2064217'	0	0	0	0	2.8	2.28	0 No	0	Primary Over-Voltage
VES021	304	'43102797_/_2057894_2'	0	0	0	0	0.1	0.69	0 No	0	Primary Over-Voltage
VES021	305	'2056592_/_2056606'	0	0	0	0	2.2	4.93	0 No	0	Primary Over-Voltage
VES021	306	'471674025_/_507674497'	0	0	0	0	2.2	4.1	0 No	0	Primary Over-Voltage
VES021	307	'525638423_/_466390126_2'	0	0	0	0	2.2	2.89	0 No	0	Primary Over-Voltage
VES021	308	'2056741_/_2068552_1'	0	0	0	0	0.2	0.59	0 No	0	Primary Over-Voltage
VES021	309	'456051286_/_456051283'	0	0	0	0	0.2	1.07	0 No	0	Primary Over-Voltage
VES021	310	'54422733_/_54422740'	0	0	0	0	0.2	0.75	0 No	0	Primary Over-Voltage
VES021	311	'43103289_/_2063456'	0	0	0	0	0.2	0.69	0 No	0	Primary Over-Voltage
VES021	312	'2064305_/_2064302'	0	0	0	0	0.2	0.67	0 No	0	Primary Over-Voltage
VES021	313	'54422469_/_54422476'	0	0	0	0	0.4	0.73	0 No	0	Primary Over-Voltage
VES021	314	'2064042_/_2064039'	0	0	0	0	0.2	0.64	0 No	0	Primary Over-Voltage
VES021	315	'2064237_/_2064234'	0	0	0	0	2.8	1.97	0 No	0	Primary Over-Voltage
VES021	316	'2058089_/_471674029'	0	0	0	0	2.2	2.71	0 No	0	Primary Over-Voltage
VES021	317	'2057630_/_2057627'	0	0	0	0	0.2	0.83	0 No	0	Primary Over-Voltage
VES021	318	'2064606_/_2064603'	0	0	0	0	0.93	0.63	0 No	0	Primary Over-Voltage
VES021	319	'2056728_/_2068080_1'	0	0	0	0	0.4	0.5	0 No	0	Primary Over-Voltage
VES021	320	'2056575_/_2056589'	0	0	0	0	2.2	4.52	0 No	0	Primary Over-Voltage
VES021	321	'2063999_/_2068335'	0	0	0	0	0.2	0.58	0 No	0	Primary Over-Voltage
VES021	322	'2057226_/_2057224'	0	0	0	0	0.2	0.65	0 No	0	Primary Over-Voltage
VES021	323	'8167409_/_8167407_1'	0	0	0	0	0.2	0.64	0 No	0	Primary Over-Voltage
VES021	324	'7844157_/_8167391_1'	0	0	0	0	0.2	0.64	0 No	0	Primary Over-Voltage
VES021	325	'2064055_/_2064052'	0	0	0	0	0.2	0.54	0 No	0	Primary Over-Voltage
VES021	326	'2064254_/_2064251'	0	0	0	0	2.8	1.62	0 No	0	Primary Over-Voltage
VES021	327	'2064619_/_2064616'	0	0	0	0	0.93	0.54	0 No	0	Primary Over-Voltage
VES021	328	'43102714_/_43102716'	0	0	0	0	0.73	0.51	0 No	0	Primary Over-Voltage
VES021	329	'2064357_/_2064354'	0	0	0	0	0.2	0.49	0 No	0	Primary Over-Voltage
VES021	330	'43104513_/_2054522'	0	0	0	0	2.5	3.38	0 No	0	Primary Over-Voltage
VES021	331	'43102784_/_2058103'	0	0	0	0	2.2	2.26	0 No	0	Primary Over-Voltage
VES021	332	'43103464_/_2064367'	0	0	0	0	0.2	0.48	0 No	0	Primary Over-Voltage
VES021	333	'2056887_/_2056884_2'	0	0	0	0	0.73	0.5	0 No	0	Primary Over-Voltage
VES021	334	'456051402_/_456051399'	0	0	0	0	0.2	0.79	0 No	0	Primary Over-Voltage
VES021	335	'2078536_/_2078533_3'	0	0	0	0	0.2	0.53	0 No	0	Primary Over-Voltage
VES021	336	'43103475_/_2064268'	0	0	0	0	2.8	1.43	0 No	0	Primary Over-Voltage
VES021	337	'43103442_/_2063997'	0	0	0	0	0.2	0.45	0 No	0	Primary Over-Voltage
VES021	338	'2056552_/_2056572'	0	0	0	0	2.2	4.09	0 No	0	Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
VES021	339	'2064068_/_2064065'	0	0	0	0	0	0.2	0.44	0 No	0 Primary Over-Voltage
VES021	340	'2064318_/_2064315'	0	0	0	0	0	0.2	0.42	0 No	0 Primary Over-Voltage
VES021	341	'2064288_/_43103477'	0	0	0	0	0	2.8	1.26	0 No	0 Primary Over-Voltage
VES021	342	'43103499_/_2064078'	0	0	0	0	0	0.2	0.38	0 No	0 Primary Over-Voltage
VES021	343	'2057897_/_43102799'	0	0	0	0	0	0.1	0.32	0 No	0 Primary Over-Voltage
VES021	344	'43103431_/_2064574'	0	0	0	0	0	0.6	0.35	0 No	0 Primary Over-Voltage
VES021	345	'2078230_/_2078227'	0	0	0	0	0	2.8	1.07	0 No	0 Primary Over-Voltage
VES021	346	'2056740_/_2056738'	0	0	0	0	0	0.2	0.25	0 No	0 Primary Over-Voltage
VES021	347	'2057643_/_2057640'	0	0	0	0	0	0.2	0.51	0 No	0 Primary Over-Voltage
VES021	348	'2064382_/_43103466'	0	0	0	0	0	0.2	0.34	0 No	0 Primary Over-Voltage
VES021	349	'2056535_/_2056549'	0	0	0	0	0	2.2	3.7	0 No	0 Primary Over-Voltage
VES021	350	'54422764_/_54422771'	0	0	0	0	0	0.2	0.36	0 No	0 Primary Over-Voltage
VES021	351	'2064331_/_2064341'	0	0	0	0	0	0.2	0.32	0 No	0 Primary Over-Voltage
VES021	352	'43104653_/_2078244'	0	0	0	0	0	2.8	0.95	0 No	0 Primary Over-Voltage
VES021	353	'2058123_/_43102786'	0	0	0	0	0	2.2	1.75	0 No	0 Primary Over-Voltage
VES021	354	'2064577_/_43103433'	0	0	0	0	0	0.6	0.27	0 No	0 Primary Over-Voltage
VES021	355	'2064094_/_43103501'	0	0	0	0	0	0.2	0.29	0 No	0 Primary Over-Voltage
VES021	356	'2056715_/_2056725'	0	0	0	0	0	0.4	0.2	0 No	0 Primary Over-Voltage
VES021	357	'471674107_/_466390126_1'	0	0	0	0	0	0.4	1.66	0 No	0 Primary Over-Voltage
VES021	358	'2056518_/_2056532'	0	0	0	0	0	2.2	3.47	0 No	0 Primary Over-Voltage
VES021	359	'2064383_/_2064380'	0	0	0	0	0	0.2	0.25	0 No	0 Primary Over-Voltage
VES021	360	'2056625_/_2056636_2'	0	0	0	0	0	0.73	0.25	0 No	0 Primary Over-Voltage
VES021	361	'2064330_/_2064328'	0	0	0	0	0	0.2	0.24	0 No	0 Primary Over-Voltage
VES021	362	'2064497_/_43104655'	0	0	0	0	0	2.8	0.74	0 No	0 Primary Over-Voltage
VES021	363	'2056638_/_2056636_1'	0	0	0	0	0	0.2	0.23	0 No	0 Primary Over-Voltage
VES021	364	'2056874_/_2056884_1'	0	0	0	0	0	0.2	0.22	0 No	0 Primary Over-Voltage
VES021	365	'2064496_/_2064494'	0	0	0	0	0	2.8	0.59	0 No	0 Primary Over-Voltage
VES021	366	'2058140_/_2058137'	0	0	0	0	0	2.2	1.36	0 No	0 Primary Over-Voltage
VES021	367	'43103453_/_43103444'	0	0	0	0	0	0.2	0.14	0 No	0 Primary Over-Voltage
VES021	368	'43103510_/_2064104'	0	0	0	0	0	0.2	0.14	0 No	0 Primary Over-Voltage
VES021	369	'43103418_/_43103420'	0	0	0	0	0	2.8	0.46	0 No	0 Primary Over-Voltage
VES021	370	'2056501_/_2056515'	0	0	0	0	0	2.2	3.11	0 No	0 Primary Over-Voltage
VES021	371	'2063960_/_2063977'	0	0	0	0	0	2.8	0.4	0 No	0 Primary Over-Voltage
VES021	372	'8167410_/_8167407_2'	0	0	0	0	0	0.2	0.18	0 No	0 Primary Over-Voltage
VES021	373	'2064396_/_2064393'	0	0	0	0	0	0.2	0.11	0 No	0 Primary Over-Voltage
VES021	374	'8167394_/_8167391_2'	0	0	0	0	0	0.2	0.18	0 No	0 Primary Over-Voltage
VES021	375	'2057656_/_2057653'	0	0	0	0	0	0.2	0.26	0 No	0 Primary Over-Voltage
VES021	376	'2064463_/_2064477'	0	0	0	0	0	2.8	0.32	0 No	0 Primary Over-Voltage
VES021	377	'43102692_/_43102694'	0	0	0	0	0	0.4	0.02	0 No	0 Primary Over-Voltage
VES021	378	'2077501_/_2077528'	0	0	0	0	0	2.5	1.84	0 No	0 Primary Over-Voltage
VES021	379	'409780420_/_409780424'	0	0	0	0	0	2.8	0.24	0 No	0 Primary Over-Voltage
VES021	380	'2063906_/_2063957'	0	0	0	0	0	2.8	0.24	0 No	0 Primary Over-Voltage
VES021	381	'2078643_/_2078640'	0	0	0	0	0	0.2	0.11	0 No	0 Primary Over-Voltage
VES021	382	'2064123_/_43103455'	0	0	0	0	0	0.2	0.04	0 No	0 Primary Over-Voltage
VES021	383	'2064446_/_409780333'	0	0	0	0	0	2.8	0.17	0 No	0 Primary Over-Voltage
VES021	384	'2056484_/_2056498'	0	0	0	0	0	2.2	2.81	0 No	0 Primary Over-Voltage
VES021	385	'2058157_/_2058154'	0	0	0	0	0	2.2	0.99	0 No	0 Primary Over-Voltage
VES021	386	'2056873_/_2056871'	0	0	0	0	0	0.2	0.02	0 No	0 Primary Over-Voltage
VES021	387	'2058202_/_2068126_2'	0	0	0	0	0	0.73	0	0 No	0 Primary Over-Voltage
VES021	388	'2060242_/_2063904'	0	0	0	0	0	1.87	0.04	0 No	0 Primary Over-Voltage
VES021	389	'54422795_/_54422802'	0	0	0	0	0	0.2	0.04	0 No	0 Primary Over-Voltage
VES021	390	'252183793_/_43103512'	0	0	0	0	0	0.2	0	0 No	0 Primary Over-Voltage
VES021	391	'43103405_/_43103407'	0	0	0	0	0	2.8	0	0 No	0 Primary Over-Voltage
VES021	392	'2064139_/_9111683_1'	0	0	0	0	0	0.1	0	0 No	0 Primary Over-Voltage
VES021	393	'2063942_/_2063940'	0	0	0	0	0	2.8	0	0 No	0 Primary Over-Voltage
VES021	394	'2063925_/_2063922'	0	0	0	0	0	1.87	0	0 No	0 Primary Over-Voltage
VES021	395	'2056467_/_2056481'	0	0	0	0	0	2.2	2.55	0 No	0 Primary Over-Voltage
VES021	396	'7533410_/_8793894_1'	0	0	0	0	0	0.2	0	0 No	0 Primary Over-Voltage
VES021	397	'2086580_/_43102705_2'	0	0	0	0	0	0.73	0	0 No	0 Primary Over-Voltage
VES021	398	'2064409_/_2064426'	0	0	0	0	0	2.8	0	0 No	0 Primary Over-Voltage
VES021	399	'2056835_/_2068126_1'	0	0	0	0	0	0.2	0	0 No	0 Primary Over-Voltage
VES021	400	'2060243_/_2060240'	0	0	0	0	0	1.87	0	0 No	0 Primary Over-Voltage
VES021	401	'2056714_/_2056712'	0	0	0	0	0	0.4	0	0 No	0 Primary Over-Voltage
VES021	402	'43102703_/_43102705_1'	0	0	0	0	0	0.2	0	0 No	0 Primary Over-Voltage
VES021	403	'8793897_/_8793894_2'	0	0	0	0	0	0.2	0	0 No	0 Primary Over-Voltage
VES021	404	'2063692_/_2064406'	0	0	0	0	0	2.8	0	0 No	0 Primary Over-Voltage
VES021	405	'2057669_/_2057666'	0	0	0	0	0	0.2	0.02	0 No	0 Primary Over-Voltage
VES021	406	'2064544_/_2078214_1'	0	0	0	0	0	0.2	0	0 No	0 Primary Over-Voltage
VES021	407	'43104688_/_2078427'	0	0	0	0	0	2.8	0	0 No	0 Primary Over-Voltage
VES021	408	'43102679_/_43102681'	0	0	0	0	0	2.2	2.3	0 No	0 Primary Over-Voltage
VES021	409	'2086579_/_2086577'	0	0	0	0	0	0.2	0	0 No	0 Primary Over-Voltage
VES021	410	'2058219_/_2058216'	0	0	0	0	0	2.2	0.56	0 No	0 Primary Over-Voltage
VES021	411	'2056861_/_2067874'	0	0	0	0	0	0.2	0	0 No	0 Primary Over-Voltage
VES021	412	'2056655_/_2056652'	0	0	0	0	0	0.2	0	0 No	0 Primary Over-Voltage
VES021	413	'43103358_/_2063689'	0	0	0	0	0	2.8	0	0 No	0 Primary Over-Voltage
VES021	414	'43103673_/_2060255'	0	0	0	0	0	1.87	0	0 No	0 Primary Over-Voltage
VES021	415	'2064745_/_43104690'	0	0	0	0	0	2.8	0	0 No	0 Primary Over-Voltage
VES021	416	'2077484_/_2077498'	0	0	0	0	0	2.5	0.69	0 No	0 Primary Over-Voltage
VES021	417	'347230076_/_347230084'	0	0	0	0	0	2.2	1.96	0 No	0 Primary Over-Voltage
VES021	418	'2056433_/_2056447'	0	0	0	0	0	2.2	1.95	0 No	0 Primary Over-Voltage
VES021	419	'43104642_/_2078214_2'	0	0	0	0	0	0.2	0	0 No	0 Primary Over-Voltage
VES021	420	'2058251_/_2058574'	0	0	0	0	0	2.2	0.21	0 No	0 Primary Over-Voltage
VES021	421	'2065383_/_43103675'	0	0	0	0	0	1.87	0	0 No	0 Primary Over-Voltage
VES021	422	'2056822_/_2056832'	0	0	0	0	0	0.2	0	0 No	0 Primary Over-Voltage
VES021	423	'54422826_/_54422833'	0	0	0	0	0	0.2	0	0 No	0 Primary Over-Voltage
VES021	424	'2057682_/_2057679'	0	0	0	0	0	0.2	0	0 No	0 Primary Over-Voltage
VES021	425	'43103660_/_2064743'	0	0	0	0	0	2.8	0	0 No	0 Primary Over-Voltage
VES021	426	'2063708_/_2063706'	0	0	0	0	0	2.8	0	0 No	0 Primary Over-Voltage
VES021	427	'345560827_/_345561014'	0	0	0	0	0	2.2	1.76	0 No	0 Primary Over-Voltage
VES021	428	'54423117_/_54422864_1'	0	0	0	0	0	0.1	0	0 No	0 Primary Over-Voltage
VES021	429	'2064763_/_43103662'	0	0	0	0	0	2.8	0	0 No	0 Primary Over-Voltage
VES021	430	'43103615_/_2065395'	0	0	0	0	0	1.87	0	0 No	0 Primary Over-Voltage
VES021	431	'123558562_/_2065137_1'	0	0	0	0	0	0.2	0	0 No	0 Primary Over-Voltage
VES021	432	'2056416_/_345560989'	0	0	0	0	0	2.2	1.58	0 No	0 Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
VES021	433	'2058252_/_2058249'	0	0	0	0	2.2	0	0 No	0	Primary Over-Voltage
VES021	434	'2063646_/_2077613'	0	0	0	0	2.8	0	0 No	0	Primary Over-Voltage
VES021	435	'2064780_/_2064777'	0	0	0	0	2.8	0	0 No	0	Primary Over-Voltage
VES021	436	'9111686_/_9111683_2'	0	0	0	0	0.1	0	0 No	0	Primary Over-Voltage
VES021	437	'123558273_/_2065137_2'	0	0	0	0	0.2	0	0 No	0	Primary Over-Voltage
VES021	438	'7533441_/_7533439_1'	0	0	0	0	0.8	0	0 No	0	Primary Over-Voltage
VES021	439	'2063647_/_2063657_1'	0	0	0	0	0.2	0	0 No	0	Primary Over-Voltage
VES021	440	'2064530_/_2078201'	0	0	0	0	0.2	0	0 No	0	Primary Over-Voltage
VES021	441	'7533442_/_7533439_2'	0	0	0	0	0.8	0	0 No	0	Primary Over-Voltage
VES021	442	'2078019_/_2078016'	0	0	0	0	2.8	0	0 No	0	Primary Over-Voltage
VES021	443	'2056860_/_2056858'	0	0	0	0	0.2	0	0 No	0	Primary Over-Voltage
VES021	444	'2057695_/_2057692'	0	0	0	0	0.2	0	0 No	0	Primary Over-Voltage
VES021	445	'2056415_/_345560962'	0	0	0	0	2.2	1.4	0 No	0	Primary Over-Voltage
VES021	446	'2056809_/_2056819'	0	0	0	0	0.2	0	0 No	0	Primary Over-Voltage
VES021	447	'2056668_/_2056665'	0	0	0	0	0.2	0	0 No	0	Primary Over-Voltage
VES021	448	'2064531_/_2064528'	0	0	0	0	0.2	0	0 No	0	Primary Over-Voltage
VES021	449	'2063660_/_2063657_2'	0	0	0	0	0.2	0	0 No	0	Primary Over-Voltage
VES021	450	'2071204_/_2075672'	0	0	0	0	2.2	1.24	0 No	0	Primary Over-Voltage
VES021	451	'43103603_/_43103617'	0	0	0	0	1.87	0	0 No	0	Primary Over-Voltage
VES021	452	'2064796_/_2078033'	0	0	0	0	2.8	0	0 No	0	Primary Over-Voltage
VES021	453	'123558267_/_2065124'	0	0	0	0	0.2	0	0 No	0	Primary Over-Voltage
VES021	454	'43102808_/_2060270'	0	0	0	0	2.2	0	0 No	0	Primary Over-Voltage
VES021	455	'2057708_/_2057705'	0	0	0	0	0.2	0	0 No	0	Primary Over-Voltage
VES021	456	'2077467_/_2077481'	0	0	0	0	2.5	0	0 No	0	Primary Over-Voltage
VES021	457	'2065231_/_2065228_1'	0	0	0	0	0.93	0	0 No	0	Primary Over-Voltage
VES021	458	'43103649_/_2065228_2'	0	0	0	0	0.93	0	0 No	0	Primary Over-Voltage
VES021	459	'2064797_/_2064794'	0	0	0	0	2.8	0	0 No	0	Primary Over-Voltage
VES021	460	'43103732_/_2063739'	0	0	0	0	0.2	0	0 No	0	Primary Over-Voltage
VES021	461	'2057779_/_2057776'	0	0	0	0	0.2	0	0 No	0	Primary Over-Voltage
VES021	462	'399564947_/_37612084_1'	0	0	0	0	0.8	0	0 No	0	Primary Over-Voltage
VES021	463	'37612087_/_37612084_2'	0	0	0	0	0.8	0	0 No	0	Primary Over-Voltage
VES021	464	'37612094_/_37612091'	0	0	0	0	0.8	0	0 No	0	Primary Over-Voltage
VES021	465	'37612080_/_8474497'	0	0	0	0	0.8	0	0 No	0	Primary Over-Voltage
VES021	466	'399564948_/_399564945'	0	0	0	0	0.8	0	0 No	0	Primary Over-Voltage
VES021	467	'2065166_/_2077984'	0	0	0	0	0.2	0	0 No	0	Primary Over-Voltage
VES021	468	'2056796_/_2056806'	0	0	0	0	0.2	0	0 No	0	Primary Over-Voltage
VES021	469	'2063675_/_2063726'	0	0	0	0	0.2	0	0 No	0	Primary Over-Voltage
VES021	470	'2071187_/_2071202'	0	0	0	0	1.7	0.82	0 No	0	Primary Over-Voltage
VES021	471	'2071344_/_2075587_1'	0	0	0	0	0.2	0	0 No	0	Primary Over-Voltage
VES021	472	'43104617_/_2078131'	0	0	0	0	1.87	0	0 No	0	Primary Over-Voltage
VES021	473	'2064817_/_2064814'	0	0	0	0	2.8	0	0 No	0	Primary Over-Voltage
VES021	474	'2057724_/_2057721'	0	0	0	0	0.2	0	0 No	0	Primary Over-Voltage
VES021	475	'2065244_/_43103651'	0	0	0	0	0.93	0	0 No	0	Primary Over-Voltage
VES021	476	'2070822_/_2075587_2'	0	0	0	0	0.2	0	0 No	0	Primary Over-Voltage
VES021	477	'2065153_/_2065163'	0	0	0	0	0.2	0	0 No	0	Primary Over-Voltage
VES021	478	'2063867_/_2078149'	0	0	0	0	1.87	0	0 No	0	Primary Over-Voltage
VES021	479	'2056783_/_2056793'	0	0	0	0	0.2	0	0 No	0	Primary Over-Voltage
VES021	480	'43103592_/_2065176'	0	0	0	0	0.2	0	0 No	0	Primary Over-Voltage
VES021	481	'2058268_/_43102810'	0	0	0	0	2.2	0	0 No	0	Primary Over-Voltage
VES021	482	'2071170_/_2071185'	0	0	0	0	1.7	0.53	0 No	0	Primary Over-Voltage
VES021	483	'2065140_/_2065150'	0	0	0	0	0.2	0	0 No	0	Primary Over-Voltage
VES021	484	'2063868_/_2063865'	0	0	0	0	0.93	0	0 No	0	Primary Over-Voltage
VES021	485	'2064834_/_2064831'	0	0	0	0	2.8	0	0 No	0	Primary Over-Voltage
VES021	486	'2078069_/_2078066'	0	0	0	0	0.93	0	0 No	0	Primary Over-Voltage
VES021	487	'2071153_/_2071168'	0	0	0	0	1.7	0.44	0 No	0	Primary Over-Voltage
VES021	488	'2064985_/_2064997_1'	0	0	0	0	0.8	0	0 No	0	Primary Over-Voltage
VES021	489	'2077450_/_2077464'	0	0	0	0	2.5	0	0 No	0	Primary Over-Voltage
VES021	490	'43105287_/_2082179'	0	0	0	0	0.93	0	0 No	0	Primary Over-Voltage
VES021	491	'2071136_/_2071151'	0	0	0	0	1.7	0.35	0 No	0	Primary Over-Voltage
VES021	492	'352268252_/_2071134'	0	0	0	0	1.7	0.35	0 No	0	Primary Over-Voltage
VES021	493	'335426027_/_335426024'	0	0	0	0	1.7	0.35	0 No	0	Primary Over-Voltage
VES021	494	'2071329_/_43104183_1'	0	0	0	0	0.2	0	0 No	0	Primary Over-Voltage
VES021	495	'2063676_/_2063673'	0	0	0	0	0.2	0	0 No	0	Primary Over-Voltage
VES021	496	'565850858_/_565850842_1'	0	0	0	0	0.2	0	0 No	0	Primary Over-Voltage
VES021	497	'2065501_/_2065516'	0	0	0	0	1.87	0	0 No	0	Primary Over-Voltage
VES021	498	'2065205_/_2065215'	0	0	0	0	0.2	0	0 No	0	Primary Over-Voltage
VES021	499	'2056770_/_2056780'	0	0	0	0	0.2	0	0 No	0	Primary Over-Voltage
VES021	500	'43103581_/_43103594'	0	0	0	0	0.2	0	0 No	0	Primary Over-Voltage
VES021	501	'2058269_/_2058266'	0	0	0	0	2.2	0	0 No	0	Primary Over-Voltage
VES021	502	'2064952_/_2064964'	0	0	0	0	1.87	0	0 No	0	Primary Over-Voltage
VES021	503	'7215831_/_7215828_2'	0	0	0	0	1.87	0	0 No	0	Primary Over-Voltage
VES021	504	'2064854_/_2064851'	0	0	0	0	2.8	0	0 No	0	Primary Over-Voltage
VES021	505	'335426051_/_335426048'	0	0	0	0	1.7	0.19	0 No	0	Primary Over-Voltage
VES021	506	'8167522_/_8773328'	0	0	0	0	0.27	0	0 No	0	Primary Over-Voltage
VES021	507	'2064937_/_2064949'	0	0	0	0	1.87	0	0 No	0	Primary Over-Voltage
VES021	508	'7215830_/_7215828_1'	0	0	0	0	0.5	0	0 No	0	Primary Over-Voltage
VES021	509	'2065204_/_2065202'	0	0	0	0	0.2	0	0 No	0	Primary Over-Voltage
VES021	510	'399564865_/_37612049_1'	0	0	0	0	0.8	0	0 No	0	Primary Over-Voltage
VES021	511	'37612052_/_37612049_2'	0	0	0	0	0.8	0	0 No	0	Primary Over-Voltage
VES021	512	'8167521_/_8167519'	0	0	0	0	0.27	0	0 No	0	Primary Over-Voltage
VES021	513	'37612051_/_9424864'	0	0	0	0	0.8	0	0 No	0	Primary Over-Voltage
VES021	514	'43103697_/_2064997_2'	0	0	0	0	0.8	0	0 No	0	Primary Over-Voltage
VES021	515	'2065256_/_2082166'	0	0	0	0	0.93	0	0 No	0	Primary Over-Voltage
VES021	516	'345561175_/_2070820'	0	0	0	0	0.2	0	0 No	0	Primary Over-Voltage
VES021	517	'2064871_/_2064868'	0	0	0	0	2.8	0	0 No	0	Primary Over-Voltage
VES021	518	'335426069_/_335426066'	0	0	0	0	1.7	0.05	0 No	0	Primary Over-Voltage
VES021	519	'43103685_/_43103687'	0	0	0	0	1.87	0	0 No	0	Primary Over-Voltage
VES021	520	'2058286_/_2058283'	0	0	0	0	2.2	0	0 No	0	Primary Over-Voltage
VES021	521	'2071085_/_335426096'	0	0	0	0	1.7	0	0 No	0	Primary Over-Voltage
VES021	522	'2077903_/_43103583'	0	0	0	0	0.2	0	0 No	0	Primary Over-Voltage
VES021	523	'2063768_/_2065498'	0	0	0	0	1.87	0	0 No	0	Primary Over-Voltage
VES021	524	'2056848_/_2056845'	0	0	0	0	0.2	0	0 No	0	Primary Over-Voltage
VES021	525	'2064888_/_2064885'	0	0	0	0	2.8	0	0 No	0	Primary Over-Voltage
VES021	526	'8167457_/_8167455_1'	0	0	0	0	0.2	0	0 No	0	Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
VES021	527	'123558222_/_2063765_2'	0	0	0	0	0.9	0	0	No	0 Primary Over-Voltage
VES021	528	'2056754_/_2056767'	0	0	0	0	0.2	0	0	No	0 Primary Over-Voltage
VES021	529	'8167458_/_8167455_2'	0	0	0	0	0.2	0	0	No	0 Primary Over-Voltage
VES021	530	'2071068_/_2071083'	0	0	0	0	1.7	0	0	No	0 Primary Over-Voltage
VES021	531	'2071303_/_2071313_1'	0	0	0	0	0.2	0	0	No	0 Primary Over-Voltage
VES021	532	'2065341_/_2065338'	0	0	0	0	0.93	0	0	No	0 Primary Over-Voltage
VES021	533	'2077904_/_2077901'	0	0	0	0	0.2	0	0	No	0 Primary Over-Voltage
VES021	534	'2065017_/_43103699'	0	0	0	0	0.8	0	0	No	0 Primary Over-Voltage
VES021	535	'2078355_/_2078367'	0	0	0	0	1.87	0	0	No	0 Primary Over-Voltage
VES021	536	'2071316_/_2071313_2'	0	0	0	0	0.2	0	0	No	0 Primary Over-Voltage
VES021	537	'2078385_/_2078395_1'	0	0	0	0	0.2	0	0	No	0 Primary Over-Voltage
VES021	538	'2075577_/_43104183_2'	0	0	0	0	0.2	0	0	No	0 Primary Over-Voltage
VES021	539	'2060199_/_2064902'	0	0	0	0	2.8	0	0	No	0 Primary Over-Voltage
VES021	540	'2065299_/_2065296'	0	0	0	0	0.93	0	0	No	0 Primary Over-Voltage
VES021	541	'2058303_/_2058300'	0	0	0	0	2.2	0	0	No	0 Primary Over-Voltage
VES021	542	'2077433_/_2077447'	0	0	0	0	2.5	0	0	No	0 Primary Over-Voltage
VES021	543	'43103743_/_43103745'	0	0	0	0	1.87	0	0	No	0 Primary Over-Voltage
VES021	544	'2063755_/_2063765_1'	0	0	0	0	0.2	0	0	No	0 Primary Over-Voltage
VES021	545	'2071048_/_2071066'	0	0	0	0	1.7	0	0	No	0 Primary Over-Voltage
VES021	546	'2064922_/_2078352'	0	0	0	0	1.87	0	0	No	0 Primary Over-Voltage
VES021	547	'2078398_/_2078395_2'	0	0	0	0	0.2	0	0	No	0 Primary Over-Voltage
VES021	548	'2078095_/_2078118'	0	0	0	0	0.93	0	0	No	0 Primary Over-Voltage
VES021	549	'37612108_/_37612112'	0	0	0	0	0.27	0	0	No	0 Primary Over-Voltage
VES021	550	'50153786_/_2060197_1'	0	0	0	0	2.8	0	0	No	0 Primary Over-Voltage
VES021	551	'2060183_/_2060197_2'	0	0	0	0	2.8	0	0	No	0 Primary Over-Voltage
VES021	552	'2065018_/_2065015'	0	0	0	0	0.8	0	0	No	0 Primary Over-Voltage
VES021	553	'2065441_/_2065453'	0	0	0	0	1.87	0	0	No	0 Primary Over-Voltage
VES021	554	'2056753_/_2056751'	0	0	0	0	0.2	0	0	No	0 Primary Over-Voltage
VES021	555	'2078082_/_2078092'	0	0	0	0	0.93	0	0	No	0 Primary Over-Voltage
VES021	556	'43103393_/_43103395'	0	0	0	0	1.87	0	0	No	0 Primary Over-Voltage
VES021	557	'2058239_/_2058317'	0	0	0	0	2.2	0	0	No	0 Primary Over-Voltage
VES021	558	'2058238_/_2068139_2'	0	0	0	0	0.73	0	0	No	0 Primary Over-Voltage
VES021	559	'43103627_/_2065312'	0	0	0	0	0.93	0	0	No	0 Primary Over-Voltage
VES021	560	'2063754_/_2063752'	0	0	0	0	0.2	0	0	No	0 Primary Over-Voltage
VES021	561	'2078325_/_2078411'	0	0	0	0	0.2	0	0	No	0 Primary Over-Voltage
VES021	562	'2060166_/_2060180'	0	0	0	0	2.8	0	0	No	0 Primary Over-Voltage
VES021	563	'43103709_/_2065030'	0	0	0	0	0.8	0	0	No	0 Primary Over-Voltage
VES021	564	'2071031_/_2071046'	0	0	0	0	1.7	0	0	No	0 Primary Over-Voltage
VES021	565	'2071287_/_2075561_1'	0	0	0	0	0.2	0	0	No	0 Primary Over-Voltage
VES021	566	'2065063_/_2065060'	0	0	0	0	0.27	0	0	No	0 Primary Over-Voltage
VES021	567	'43104666_/_43104668'	0	0	0	0	0.2	0	0	No	0 Primary Over-Voltage
VES021	568	'2064921_/_2064919'	0	0	0	0	1.87	0	0	No	0 Primary Over-Voltage
VES021	569	'2078107_/_2078105'	0	0	0	0	0.93	0	0	No	0 Primary Over-Voltage
VES021	570	'2063783_/_2065438'	0	0	0	0	1.87	0	0	No	0 Primary Over-Voltage
VES021	571	'2065047_/_43103711'	0	0	0	0	0.8	0	0	No	0 Primary Over-Voltage
VES021	572	'142368424_/_2063781_1'	0	0	0	0	0.4	0	0	No	0 Primary Over-Voltage
VES021	573	'2078338_/_43104679'	0	0	0	0	0.2	0	0	No	0 Primary Over-Voltage
VES021	574	'2056212_/_2068139_1'	0	0	0	0	0.2	0	0	No	0 Primary Over-Voltage
VES021	575	'2064693_/_2078079'	0	0	0	0	0.93	0	0	No	0 Primary Over-Voltage
VES021	576	'43104326_/_2060163'	0	0	0	0	2.8	0	0	No	0 Primary Over-Voltage
VES021	577	'2058337_/_2058334'	0	0	0	0	2.2	0	0	No	0 Primary Over-Voltage
VES021	578	'2065315_/_43103629'	0	0	0	0	0.93	0	0	No	0 Primary Over-Voltage
VES021	579	'2084406_/_2084414'	0	0	0	0	0.93	0	0	No	0 Primary Over-Voltage
VES021	580	'2071014_/_2071029'	0	0	0	0	1.7	0	0	No	0 Primary Over-Voltage
VES021	581	'2077413_/_2077430'	0	0	0	0	2.5	0	0	No	0 Primary Over-Voltage
VES021	582	'8137719_/_8137717_1'	0	0	0	0	0.1	0	0	No	0 Primary Over-Voltage
VES021	583	'43103371_/_2063849'	0	0	0	0	0.93	0	0	No	0 Primary Over-Voltage
VES021	584	'2063852_/_8793830_1'	0	0	0	0	0.2	0	0	No	0 Primary Over-Voltage
VES021	585	'2063784_/_2063781_2'	0	0	0	0	0.4	0	0	No	0 Primary Over-Voltage
VES021	586	'565850826_/_565850842_2'	0	0	0	0	0.2	0	0	No	0 Primary Over-Voltage
VES021	587	'43102632_/_2068155'	0	0	0	0	2.2	0	0	No	0 Primary Over-Voltage
VES021	588	'2082244_/_2082241'	0	0	0	0	0.2	0	0	No	0 Primary Over-Voltage
VES021	589	'2060148_/_2060146'	0	0	0	0	2.8	0	0	No	0 Primary Over-Voltage
VES021	590	'2080662_/_2080713_1'	0	0	0	0	1.4	0	0	No	0 Primary Over-Voltage
VES021	591	'2064694_/_2064691'	0	0	0	0	0.93	0	0	No	0 Primary Over-Voltage
VES021	592	'2065109_/_2065106'	0	0	0	0	0.8	0	0	No	0 Primary Over-Voltage
VES021	593	'2065048_/_2065045'	0	0	0	0	0.8	0	0	No	0 Primary Over-Voltage
VES021	594	'2056225_/_43102634'	0	0	0	0	2.2	0	0	No	0 Primary Over-Voltage
VES021	595	'2056199_/_2056209'	0	0	0	0	0.2	0	0	No	0 Primary Over-Voltage
VES021	596	'2056245_/_2068172_1'	0	0	0	0	0.2	0	0	No	0 Primary Over-Voltage
VES021	597	'2064661_/_2064658'	0	0	0	0	2.8	0	0	No	0 Primary Over-Voltage
VES021	598	'89853442_/_2077871'	0	0	0	0	0.8	0	0	No	0 Primary Over-Voltage
VES021	599	'7215751_/_8793830_2'	0	0	0	0	0.2	0	0	No	0 Primary Over-Voltage
VES021	600	'2078003_/_43104608'	0	0	0	0	0.27	0	0	No	0 Primary Over-Voltage
VES021	601	'109623082_/_109622187'	0	0	0	0	0.53	0	0	No	0 Primary Over-Voltage
VES021	602	'43103570_/_2064704'	0	0	0	0	0.9	0	0	No	0 Primary Over-Voltage
VES021	603	'7215944_/_7215942'	0	0	0	0	0.27	0	0	No	0 Primary Over-Voltage
VES021	604	'43105528_/_2084403'	0	0	0	0	0.93	0	0	No	0 Primary Over-Voltage
VES021	605	'2070997_/_2071012'	0	0	0	0	1.7	0	0	No	0 Primary Over-Voltage
VES021	606	'68323389_/_49471783'	0	0	0	0	0.8	0	0	No	0 Primary Over-Voltage
VES021	607	'109622211_/_109622208'	0	0	0	0	0.53	0	0	No	0 Primary Over-Voltage
VES021	608	'2080715_/_2080713_2'	0	0	0	0	1.4	0	0	No	0 Primary Over-Voltage
VES021	609	'37612072_/_37612070'	0	0	0	0	0.27	0	0	No	0 Primary Over-Voltage
VES021	610	'399564866_/_399564863'	0	0	0	0	0.27	0	0	No	0 Primary Over-Voltage
VES021	611	'37612059_/_37612056'	0	0	0	0	0.27	0	0	No	0 Primary Over-Voltage
VES021	612	'43103533_/_2080679'	0	0	0	0	2.8	0	0	No	0 Primary Over-Voltage
VES021	613	'2056258_/_2056255'	0	0	0	0	2.2	0	0	No	0 Primary Over-Voltage
VES021	614	'8137720_/_8137717_2'	0	0	0	0	0.1	0	0	No	0 Primary Over-Voltage
VES021	615	'2058356_/_2068172_2'	0	0	0	0	0.2	0	0	No	0 Primary Over-Voltage
VES021	616	'2063797_/_2063794'	0	0	0	0	0.4	0	0	No	0 Primary Over-Voltage
VES021	617	'2065567_/_109622495'	0	0	0	0	0.53	0	0	No	0 Primary Over-Voltage
VES021	618	'7844333_/_9424716'	0	0	0	0	0.4	0	0	No	0 Primary Over-Voltage
VES021	619	'8793848_/_8793846_1'	0	0	0	0	0.2	0	0	No	0 Primary Over-Voltage
VES021	620	'49471751_/_49471760'	0	0	0	0	0.8	0	0	No	0 Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
VES021	621	'2080803_/_2080800'	0	0	0	0	1.4	0	0 No	0	Primary Over-Voltage
VES021	622	'2056275_/_2056272'	0	0	0	0	2.2	0	0 No	0	Primary Over-Voltage
VES021	623	'2056366_/_2056378'	0	0	0	0	1.47	0	0 No	0	Primary Over-Voltage
VES021	624	'68323051_/_2082192_1'	0	0	0	0	1.4	0	0 No	0	Primary Over-Voltage
VES021	625	'71672222_/_43103572_1'	0	0	0	0	0.9	0	0 No	0	Primary Over-Voltage
VES021	626	'7215993_/_7215990'	0	0	0	0	0.27	0	0 No	0	Primary Over-Voltage
VES021	627	'7165908_/_109622516'	0	0	0	0	0.53	0	0 No	0	Primary Over-Voltage
VES021	628	'40680876_/_49471772'	0	0	0	0	0.27	0	0 No	0	Primary Over-Voltage
VES021	629	'2077932_/_43103535'	0	0	0	0	2.8	0	0 No	0	Primary Over-Voltage
VES021	630	'2056365_/_43102647'	0	0	0	0	1.47	0	0 No	0	Primary Over-Voltage
VES021	631	'8439371_/_9390360_2'	0	0	0	0	0.53	0	0 No	0	Primary Over-Voltage
VES021	632	'2056186_/_2056196'	0	0	0	0	0.2	0	0 No	0	Primary Over-Voltage
VES021	633	'38170584_/_7533493_1'	0	0	0	0	0.1	0	0 No	0	Primary Over-Voltage
VES021	634	'7215750_/_52296772'	0	0	0	0	0.2	0	0 No	0	Primary Over-Voltage
VES021	635	'2079121_/_2079102'	0	0	0	0	2.2	0	0 No	0	Primary Over-Voltage
VES021	636	'9390362_/_9390360_1'	0	0	0	0	0.3	0	0 No	0	Primary Over-Voltage
VES021	637	'2077933_/_2077930'	0	0	0	0	2.8	0	0 No	0	Primary Over-Voltage
VES021	638	'2070980_/_2070995'	0	0	0	0	1.7	0	0 No	0	Primary Over-Voltage
VES021	639	'43105539_/_43105541'	0	0	0	0	0.93	0	0 No	0	Primary Over-Voltage
VES021	640	'7216142_/_8793846_2'	0	0	0	0	0.2	0	0 No	0	Primary Over-Voltage
VES021	641	'43103721_/_109623044'	0	0	0	0	0.27	0	0 No	0	Primary Over-Voltage
VES021	642	'71672199_/_2080753_1'	0	0	0	0	0.8	0	0 No	0	Primary Over-Voltage
VES021	643	'7165922_/_7165919'	0	0	0	0	0.27	0	0 No	0	Primary Over-Voltage
VES021	644	'117719581_/_8130733_1'	0	0	0	0	0.1	0	0 No	0	Primary Over-Voltage
VES021	645	'49471740_/_49471748'	0	0	0	0	0.8	0	0 No	0	Primary Over-Voltage
VES021	646	'2058357_/_2058354'	0	0	0	0	0.2	0	0 No	0	Primary Over-Voltage
VES021	647	'7533495_/_7533493_2'	0	0	0	0	0.1	0	0 No	0	Primary Over-Voltage
VES021	648	'2079122_/_2079119'	0	0	0	0	2.2	0	0 No	0	Primary Over-Voltage
VES021	649	'2078983_/_2078993'	0	0	0	0	0.27	0	0 No	0	Primary Over-Voltage
VES021	650	'2079208_/_2079260_1'	0	0	0	0	0.2	0	0 No	0	Primary Over-Voltage
VES021	651	'43103546_/_2080696'	0	0	0	0	2.8	0	0 No	0	Primary Over-Voltage
VES021	652	'2077396_/_2077410'	0	0	0	0	2.5	0	0 No	0	Primary Over-Voltage
VES021	653	'2077518_/_2077545_1'	0	0	0	0	0.1	0	0 No	0	Primary Over-Voltage
VES021	654	'2063810_/_2063807'	0	0	0	0	0.4	0	0 No	0	Primary Over-Voltage
VES021	655	'43105298_/_2082192_2'	0	0	0	0	1.4	0	0 No	0	Primary Over-Voltage
VES021	656	'2080756_/_2080753_2'	0	0	0	0	0.8	0	0 No	0	Primary Over-Voltage
VES021	657	'7844332_/_7844330'	0	0	0	0	0.2	0	0 No	0	Primary Over-Voltage
VES021	658	'2078463_/_2080770_1'	0	0	0	0	2.8	0	0 No	0	Primary Over-Voltage
VES021	659	'66851664_/_2080770_2'	0	0	0	0	2.8	0	0 No	0	Primary Over-Voltage
VES021	660	'43104170_/_2075561_1'	0	0	0	0	0.2	0	0 No	0	Primary Over-Voltage
VES021	661	'241715514_/_2080828_1'	0	0	0	0	0.2	0	0 No	0	Primary Over-Voltage
VES021	662	'2068503_/_2068501'	0	0	0	0	0.8	0	0 No	0	Primary Over-Voltage
VES021	663	'241715520_/_2080828_2'	0	0	0	0	0.2	0	0 No	0	Primary Over-Voltage
VES021	664	'43104761_/_43104763'	0	0	0	0	0.27	0	0 No	0	Primary Over-Voltage
VES021	665	'2070963_/_2070978'	0	0	0	0	1.7	0	0 No	0	Primary Over-Voltage
VES021	666	'8167554_/_9083545'	0	0	0	0	0.1	0	0 No	0	Primary Over-Voltage
VES021	667	'451588443_/_55277081_2'	0	0	0	0	0.27	0	0 No	0	Primary Over-Voltage
VES021	668	'66851716_/_66851681'	0	0	0	0	2.8	0	0 No	0	Primary Over-Voltage
VES021	669	'7844189_/_8474385'	0	0	0	0	0.2	0	0 No	0	Primary Over-Voltage
VES021	670	'643363517_/_243579156'	0	0	0	0	2.2	0	0 No	0	Primary Over-Voltage
VES021	671	'43102657_/_243726539'	0	0	0	0	2.2	0	0 No	0	Primary Over-Voltage
VES021	672	'2071274_/_2075545_1'	0	0	0	0	0.2	0	0 No	0	Primary Over-Voltage
VES021	673	'585775546_/_585775002_1'	0	0	0	0	0.1	0	0 No	0	Primary Over-Voltage
VES021	674	'7533393_/_8474599'	0	0	0	0	0.1	0	0 No	0	Primary Over-Voltage
VES021	675	'585775490_/_585775002_2'	0	0	0	0	0.1	0	0 No	0	Primary Over-Voltage
VES021	676	'643363611_/_585775406_1'	0	0	0	0	0.1	0	0 No	0	Primary Over-Voltage
VES021	677	'68323183_/_7216140'	0	0	0	0	0.2	0	0 No	0	Primary Over-Voltage
VES021	678	'643363590_/_585775406_2'	0	0	0	0	0.1	0	0 No	0	Primary Over-Voltage
VES021	679	'2063823_/_2063820'	0	0	0	0	0.4	0	0 No	0	Primary Over-Voltage
VES021	680	'2068525_/_2068522'	0	0	0	0	0.8	0	0 No	0	Primary Over-Voltage
VES021	681	'2079233_/_2079260_2'	0	0	0	0	0.2	0	0 No	0	Primary Over-Voltage
VES021	682	'643363627_/_585775027_1'	0	0	0	0	0.1	0	0 No	0	Primary Over-Voltage
VES021	683	'643363638_/_585775027_2'	0	0	0	0	0.1	0	0 No	0	Primary Over-Voltage
VES021	684	'2064719_/_66851720'	0	0	0	0	2.8	0	0 No	0	Primary Over-Voltage
VES021	685	'2056173_/_2056183'	0	0	0	0	0.2	0	0 No	0	Primary Over-Voltage
VES021	686	'7215767_/_7844218_1'	0	0	0	0	0.2	0	0 No	0	Primary Over-Voltage
VES021	687	'643363596_/_585775027_3'	0	0	0	0	0.1	0	0 No	0	Primary Over-Voltage
VES021	688	'2078464_/_2078461'	0	0	0	0	0.2	0	0 No	0	Primary Over-Voltage
VES021	689	'43105053_/_43105300'	0	0	0	0	1.4	0	0 No	0	Primary Over-Voltage
VES021	690	'43104725_/_2078784'	0	0	0	0	0.2	0	0 No	0	Primary Over-Voltage
VES021	691	'2056399_/_2079185'	0	0	0	0	2.2	0	0 No	0	Primary Over-Voltage
VES021	692	'2078957_/_2078967'	0	0	0	0	0.27	0	0 No	0	Primary Over-Voltage
VES021	693	'9424767_/_9424764'	0	0	0	0	0.27	0	0 No	0	Primary Over-Voltage
VES021	694	'8130735_/_8130733_2'	0	0	0	0	0.1	0	0 No	0	Primary Over-Voltage
VES021	695	'243726559_/_243726556'	0	0	0	0	2.2	0	0 No	0	Primary Over-Voltage
VES021	696	'71672119_/_2080828_3'	0	0	0	0	0.2	0	0 No	0	Primary Over-Voltage
VES021	697	'585775070_/_243726578_2'	0	0	0	0	2.2	0	0 No	0	Primary Over-Voltage
VES021	698	'66852240_/_66852166'	0	0	0	0	2.8	0	0 No	0	Primary Over-Voltage
VES021	699	'438112835_/_2068537'	0	0	0	0	0.8	0	0 No	0	Primary Over-Voltage
VES021	700	'43104192_/_2070961'	0	0	0	0	1.7	0	0 No	0	Primary Over-Voltage
VES021	701	'43105494_/_43103315'	0	0	0	0	0.8	0	0 No	0	Primary Over-Voltage
VES021	702	'2056398_/_2056396'	0	0	0	0	2.2	0	0 No	0	Primary Over-Voltage
VES021	703	'2063893_/_2078954'	0	0	0	0	0.27	0	0 No	0	Primary Over-Voltage
VES021	704	'516175206_/_516175185_1'	0	0	0	0	0.5	0	0 No	0	Primary Over-Voltage
VES021	705	'7215735_/_7844186'	0	0	0	0	0.2	0	0 No	0	Primary Over-Voltage
VES021	706	'243726581_/_243726578_1'	0	0	0	0	0.6	0	0 No	0	Primary Over-Voltage
VES021	707	'43105067_/_43105055'	0	0	0	0	1.4	0	0 No	0	Primary Over-Voltage
VES021	708	'63649392_/_7844218_2'	0	0	0	0	0.2	0	0 No	0	Primary Over-Voltage
VES021	709	'43104772_/_2079231'	0	0	0	0	0.2	0	0 No	0	Primary Over-Voltage
VES021	710	'2080844_/_43105084'	0	0	0	0	0.2	0	0 No	0	Primary Over-Voltage
VES021	711	'43103559_/_66852237'	0	0	0	0	2.8	0	0 No	0	Primary Over-Voltage
VES021	712	'2070926_/_2070944'	0	0	0	0	1.7	0	0 No	0	Primary Over-Voltage
VES021	713	'8446674_/_8446672'	0	0	0	0	0.1	0	0 No	0	Primary Over-Voltage
VES021	714	'2058369_/_43104727'	0	0	0	0	0.2	0	0 No	0	Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
VES021	715	'2056172_/_2056170'	0	0	0	0	0.2	0	0	No	0 Primary Over-Voltage
VES021	716	'9111654_/_9111667'	0	0	0	0	0.27	0	0	No	0 Primary Over-Voltage
VES021	717	'243726603_/_243726600'	0	0	0	0	0.6	0	0	No	0 Primary Over-Voltage
VES021	718	'123182598_/_9111699'	0	0	0	0	0.1	0	0	No	0 Primary Over-Voltage
VES021	719	'243777392_/_243777297_1'	0	0	0	0	0.4	0	0	No	0 Primary Over-Voltage
VES021	720	'43103382_/_2063891'	0	0	0	0	0.27	0	0	No	0 Primary Over-Voltage
VES021	721	'66852294_/_66852264'	0	0	0	0	2.8	0	0	No	0 Primary Over-Voltage
VES021	722	'2077395_/_2077393'	0	0	0	0	2.5	0	0	No	0 Primary Over-Voltage
VES021	723	'2070906_/_2070924'	0	0	0	0	1.7	0	0	No	0 Primary Over-Voltage
VES021	724	'7844205_/_8474567'	0	0	0	0	0.2	0	0	No	0 Primary Over-Voltage
VES021	725	'90447209_/_66852318'	0	0	0	0	2.8	0	0	No	0 Primary Over-Voltage
VES021	726	'2056337_/_243578969'	0	0	0	0	0.2	0	0	No	0 Primary Over-Voltage
VES021	727	'2058438_/_2058448'	0	0	0	0	0.2	0	0	No	0 Primary Over-Voltage
VES021	728	'2079220_/_43104774'	0	0	0	0	0.2	0	0	No	0 Primary Over-Voltage
VES021	729	'7533394_/_7533391'	0	0	0	0	0.1	0	0	No	0 Primary Over-Voltage
VES021	730	'2084616_/_2084634'	0	0	0	0	1.4	0	0	No	0 Primary Over-Voltage
VES021	731	'44067970_/_2080870'	0	0	0	0	0.2	0	0	No	0 Primary Over-Voltage
VES021	732	'54423009_/_2063878'	0	0	0	0	0.27	0	0	No	0 Primary Over-Voltage
VES021	733	'43104995_/_2063836'	0	0	0	0	0.4	0	0	No	0 Primary Over-Voltage
VES021	734	'109043289_/_67554140_2'	0	0	0	0	0.93	0	0	No	0 Primary Over-Voltage
VES021	735	'54423107_/_54423087_2'	0	0	0	0	0.27	0	0	No	0 Primary Over-Voltage
VES021	736	'7215734_/_7215732'	0	0	0	0	0.2	0	0	No	0 Primary Over-Voltage
VES021	737	'92000135_/_2084614'	0	0	0	0	1.4	0	0	No	0 Primary Over-Voltage
VES021	738	'2058508_/_2079218'	0	0	0	0	0.2	0	0	No	0 Primary Over-Voltage
VES021	739	'2058437_/_2058435'	0	0	0	0	0.2	0	0	No	0 Primary Over-Voltage
VES021	740	'2063595_/_90447211'	0	0	0	0	2.8	0	0	No	0 Primary Over-Voltage
VES021	741	'2058509_/_2058506'	0	0	0	0	0.2	0	0	No	0 Primary Over-Voltage
VES021	742	'2058370_/_2058367'	0	0	0	0	0.2	0	0	No	0 Primary Over-Voltage
VES021	743	'2070889_/_2070904'	0	0	0	0	1.7	0	0	No	0 Primary Over-Voltage
VES021	744	'43105093_/_44067972'	0	0	0	0	0.2	0	0	No	0 Primary Over-Voltage
VES021	745	'243777278_/_243777297_2'	0	0	0	0	0.4	0	0	No	0 Primary Over-Voltage
VES021	746	'43102821_/_2058522'	0	0	0	0	0.2	0	0	No	0 Primary Over-Voltage
VES021	747	'2058538_/_43102823'	0	0	0	0	0.2	0	0	No	0 Primary Over-Voltage
VES021	748	'66852347_/_66852345'	0	0	0	0	2.8	0	0	No	0 Primary Over-Voltage
VES021	749	'2083821_/_92000139'	0	0	0	0	1.4	0	0	No	0 Primary Over-Voltage
VES021	750	'2058551_/_2058548'	0	0	0	0	0.2	0	0	No	0 Primary Over-Voltage
VES021	751	'2068400_/_43104997'	0	0	0	0	0.4	0	0	No	0 Primary Over-Voltage
VES021	752	'2065354_/_54423013'	0	0	0	0	0.27	0	0	No	0 Primary Over-Voltage
VES021	753	'7503584_/_9373022'	0	0	0	0	0.1	0	0	No	0 Primary Over-Voltage
VES021	754	'2083822_/_2083832_1'	0	0	0	0	0.1	0	0	No	0 Primary Over-Voltage
VES021	755	'230436919_/_230436881_2'	0	0	0	0	0.4	0	0	No	0 Primary Over-Voltage
VES021	756	'2075548_/_2075545_2'	0	0	0	0	0.2	0	0	No	0 Primary Over-Voltage
VES021	757	'55277055_/_55277081_1'	0	0	0	0	0.1	0	0	No	0 Primary Over-Voltage
VES021	758	'43102668_/_2056350'	0	0	0	0	0.2	0	0	No	0 Primary Over-Voltage
VES021	759	'43102832_/_2058561'	0	0	0	0	0.2	0	0	No	0 Primary Over-Voltage
VES021	760	'7844204_/_7844202'	0	0	0	0	0.2	0	0	No	0 Primary Over-Voltage
VES021	761	'66852376_/_66852374'	0	0	0	0	2.8	0	0	No	0 Primary Over-Voltage
VES021	762	'504462872_/_504462758_1'	0	0	0	0	0.8	0	0	No	0 Primary Over-Voltage
VES021	763	'7216073_/_516175185_2'	0	0	0	0	0.5	0	0	No	0 Primary Over-Voltage
VES021	764	'504462742_/_504462758_2'	0	0	0	0	0.8	0	0	No	0 Primary Over-Voltage
VES021	765	'119198053_/_119198055'	0	0	0	0	1.4	0	0	No	0 Primary Over-Voltage
VES021	766	'211412846_/_67553412'	0	0	0	0	0.1	0	0	No	0 Primary Over-Voltage
VES021	767	'2065367_/_2065364'	0	0	0	0	0.27	0	0	No	0 Primary Over-Voltage
VES021	768	'2065922_/_66852403'	0	0	0	0	2.8	0	0	No	0 Primary Over-Voltage
VES021	769	'7503585_/_7503582'	0	0	0	0	0.1	0	0	No	0 Primary Over-Voltage
VES021	770	'2075564_/_43104172'	0	0	0	0	0.2	0	0	No	0 Primary Over-Voltage
VES021	771	'243726698_/_243777424'	0	0	0	0	0.13	0	0	No	0 Primary Over-Voltage
VES021	772	'2083888_/_2083957'	0	0	0	0	1.4	0	0	No	0 Primary Over-Voltage
VES021	773	'7533706_/_7533704'	0	0	0	0	0.2	0	0	No	0 Primary Over-Voltage
VES021	774	'2070872_/_2070887'	0	0	0	0	1.7	0	0	No	0 Primary Over-Voltage
VES021	775	'276813508_/_43105440'	0	0	0	0	0.2	0	0	No	0 Primary Over-Voltage
VES021	776	'2058383_/_2058380'	0	0	0	0	0.2	0	0	No	0 Primary Over-Voltage
VES021	777	'63649438_/_63649449'	0	0	0	0	0.2	0	0	No	0 Primary Over-Voltage
VES021	778	'68323413_/_9111915_1'	0	0	0	0	0.27	0	0	No	0 Primary Over-Voltage
VES021	779	'54422516_/_54422518'	0	0	0	0	0.27	0	0	No	0 Primary Over-Voltage
VES021	780	'2063634_/_2068397'	0	0	0	0	0.4	0	0	No	0 Primary Over-Voltage
VES021	781	'2078659_/_43102670'	0	0	0	0	0.2	0	0	No	0 Primary Over-Voltage
VES021	782	'7844301_/_9111651'	0	0	0	0	0.27	0	0	No	0 Primary Over-Voltage
VES021	783	'54422663_/_54422573_1'	0	0	0	0	0.1	0	0	No	0 Primary Over-Voltage
VES021	784	'516175269_/_516175215_1'	0	0	0	0	0.5	0	0	No	0 Primary Over-Voltage
VES021	785	'43105041_/_2080857'	0	0	0	0	0.2	0	0	No	0 Primary Over-Voltage
VES021	786	'2083889_/_2083886'	0	0	0	0	1.4	0	0	No	0 Primary Over-Voltage
VES021	787	'2063621_/_2063631'	0	0	0	0	0.4	0	0	No	0 Primary Over-Voltage
VES021	788	'66852870_/_66852868'	0	0	0	0	2.8	0	0	No	0 Primary Over-Voltage
VES021	789	'9112014_/_9112011'	0	0	0	0	0.2	0	0	No	0 Primary Over-Voltage
VES021	790	'44202019_/_2083832_2'	0	0	0	0	0.1	0	0	No	0 Primary Over-Voltage
VES021	791	'211640745_/_230436881_1'	0	0	0	0	0.2	0	0	No	0 Primary Over-Voltage
VES021	792	'2078672_/_2078669'	0	0	0	0	0.2	0	0	No	0 Primary Over-Voltage
VES021	793	'8765218_/_9373186'	0	0	0	0	0.2	0	0	No	0 Primary Over-Voltage
VES021	794	'2083906_/_2083903'	0	0	0	0	1.4	0	0	No	0 Primary Over-Voltage
VES021	795	'243495876_/_43105043_1'	0	0	0	0	0.47	0	0	No	0 Primary Over-Voltage
VES021	796	'67554801_/_67554780'	0	0	0	0	0.93	0	0	No	0 Primary Over-Voltage
VES021	797	'2084460_/_2084483'	0	0	0	0	0.27	0	0	No	0 Primary Over-Voltage
VES021	798	'60180462_/_243726703'	0	0	0	0	0.13	0	0	No	0 Primary Over-Voltage
VES021	799	'2068387_/_2068384'	0	0	0	0	0.4	0	0	No	0 Primary Over-Voltage
VES021	800	'2070855_/_2070870'	0	0	0	0	1.7	0	0	No	0 Primary Over-Voltage
VES021	801	'507674136_/_2070853'	0	0	0	0	1.7	0	0	No	0 Primary Over-Voltage
VES021	802	'71671805_/_66852895'	0	0	0	0	2.8	0	0	No	0 Primary Over-Voltage
VES021	803	'507674615_/_507674068_1'	0	0	0	0	0.4	0	0	No	0 Primary Over-Voltage
VES021	804	'54422981_/_54423087_1'	0	0	0	0	0.1	0	0	No	0 Primary Over-Voltage
VES021	805	'588449929_/_507674068_2'	0	0	0	0	0.4	0	0	No	0 Primary Over-Voltage
VES021	806	'507674071_/_507674068_3'	0	0	0	0	0.4	0	0	No	0 Primary Over-Voltage
VES021	807	'507674983_/_507674086_1'	0	0	0	0	0.4	0	0	No	0 Primary Over-Voltage
VES021	808	'2058408_/_2058393'	0	0	0	0	0.2	0	0	No	0 Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
VES021	809	'507674089_/_507674086_2'	0	0	0	0	0	0.4	0	0 No	0 Primary Over-Voltage
VES021	810	'2083923_/_2083920'	0	0	0	0	0	1.4	0	0 No	0 Primary Over-Voltage
VES021	811	'2078685_/_2078682'	0	0	0	0	0	0.2	0	0 No	0 Primary Over-Voltage
VES021	812	'43103347_/_2063618'	0	0	0	0	0	0.4	0	0 No	0 Primary Over-Voltage
VES021	813	'2078930_/_2084499'	0	0	0	0	0	0.27	0	0 No	0 Primary Over-Voltage
VES021	814	'67554133_/_67554140_1'	0	0	0	0	0	0.1	0	0 No	0 Primary Over-Voltage
VES021	815	'43105311_/_43105313'	0	0	0	0	0	2.5	0	0 No	0 Primary Over-Voltage
VES021	816	'7503601_/_211412904'	0	0	0	0	0	0.1	0	0 No	0 Primary Over-Voltage
VES021	817	'2065537_/_8773408_1'	0	0	0	0	0	0.2	0	0 No	0 Primary Over-Voltage
VES021	818	'8446638_/_8446636'	0	0	0	0	0	0.1	0	0 No	0 Primary Over-Voltage
VES021	819	'2063555_/_2084470'	0	0	0	0	0	0.27	0	0 No	0 Primary Over-Voltage
VES021	820	'55277024_/_55277062'	0	0	0	0	0	0.1	0	0 No	0 Primary Over-Voltage
VES021	821	'49459271_/_2084444'	0	0	0	0	0	0.27	0	0 No	0 Primary Over-Voltage
VES021	822	'71671811_/_66852922'	0	0	0	0	0	2.8	0	0 No	0 Primary Over-Voltage
VES021	823	'2058467_/_2058464'	0	0	0	0	0	0.2	0	0 No	0 Primary Over-Voltage
VES021	824	'43103008_/_2077545_2'	0	0	0	0	0	0.1	0	0 No	0 Primary Over-Voltage
VES021	825	'2083872_/_2083940'	0	0	0	0	0	1.4	0	0 No	0 Primary Over-Voltage
VES021	826	'63649485_/_63649496'	0	0	0	0	0	0.2	0	0 No	0 Primary Over-Voltage
VES021	827	'155093171_/_155093173'	0	0	0	0	0	1.7	0	0 No	0 Primary Over-Voltage
VES021	828	'7533542_/_8474693_1'	0	0	0	0	0	0.9	0	0 No	0 Primary Over-Voltage
VES021	829	'8167862_/_8765216'	0	0	0	0	0	0.2	0	0 No	0 Primary Over-Voltage
VES021	830	'67553578_/_67554808'	0	0	0	0	0	0.93	0	0 No	0 Primary Over-Voltage
VES021	831	'67554538_/_67554228_1'	0	0	0	0	0	0.1	0	0 No	0 Primary Over-Voltage
VES021	832	'7215782_/_211640724'	0	0	0	0	0	0.2	0	0 No	0 Primary Over-Voltage
VES021	833	'155102689_/_155083651_1'	0	0	0	0	0	0.2	0	0 No	0 Primary Over-Voltage
VES021	834	'43103325_/_2078928'	0	0	0	0	0	0.27	0	0 No	0 Primary Over-Voltage
VES021	835	'2070839_/_2071254'	0	0	0	0	0	1.7	0	0 No	0 Primary Over-Voltage
VES021	836	'2058480_/_2058477'	0	0	0	0	0	0.2	0	0 No	0 Primary Over-Voltage
VES021	837	'71671817_/_66852949'	0	0	0	0	0	2.8	0	0 No	0 Primary Over-Voltage
VES021	838	'103151730_/_103151710_1'	0	0	0	0	0	0.8	0	0 No	0 Primary Over-Voltage
VES021	839	'2063556_/_2063553'	0	0	0	0	0	0.27	0	0 No	0 Primary Over-Voltage
VES021	840	'7797944_/_8773408_2'	0	0	0	0	0	0.2	0	0 No	0 Primary Over-Voltage
VES021	841	'8793785_/_60180464'	0	0	0	0	0	0.13	0	0 No	0 Primary Over-Voltage
VES021	842	'7484082_/_7797941'	0	0	0	0	0	0.2	0	0 No	0 Primary Over-Voltage
VES021	843	'155083633_/_155083651_2'	0	0	0	0	0	0.2	0	0 No	0 Primary Over-Voltage
VES021	844	'2058409_/_2058406'	0	0	0	0	0	0.2	0	0 No	0 Primary Over-Voltage
VES021	845	'358422421_/_103151710_2'	0	0	0	0	0	0.8	0	0 No	0 Primary Over-Voltage
VES021	846	'43105427_/_43103327'	0	0	0	0	0	0.27	0	0 No	0 Primary Over-Voltage
VES021	847	'358422493_/_358422490'	0	0	0	0	0	0.8	0	0 No	0 Primary Over-Voltage
VES021	848	'2063526_/_2063566'	0	0	0	0	0	0.27	0	0 No	0 Primary Over-Voltage
VES021	849	'67554835_/_67554832'	0	0	0	0	0	0.93	0	0 No	0 Primary Over-Voltage
VES021	850	'8474537_/_8474551'	0	0	0	0	0	0.2	0	0 No	0 Primary Over-Voltage
VES021	851	'71671823_/_66852976'	0	0	0	0	0	2.8	0	0 No	0 Primary Over-Voltage
VES021	852	'55276993_/_55277031'	0	0	0	0	0	0.1	0	0 No	0 Primary Over-Voltage
VES021	853	'54422566_/_54422573_2'	0	0	0	0	0	0.1	0	0 No	0 Primary Over-Voltage
VES021	854	'8167830_/_8764928'	0	0	0	0	0	0.1	0	0 No	0 Primary Over-Voltage
VES021	855	'54422950_/_54422988'	0	0	0	0	0	0.1	0	0 No	0 Primary Over-Voltage
VES021	856	'71671674_/_8474535_1'	0	0	0	0	0	0.27	0	0 No	0 Primary Over-Voltage
VES021	857	'2070838_/_598507216'	0	0	0	0	0	1.7	0	0 No	0 Primary Over-Voltage
VES021	858	'37612024_/_7844298'	0	0	0	0	0	0.27	0	0 No	0 Primary Over-Voltage
VES021	859	'37612031_/_37612028'	0	0	0	0	0	0.27	0	0 No	0 Primary Over-Voltage
VES021	860	'399564797_/_399564794'	0	0	0	0	0	0.27	0	0 No	0 Primary Over-Voltage
VES021	861	'399564804_/_399564801'	0	0	0	0	0	0.27	0	0 No	0 Primary Over-Voltage
VES021	862	'37612038_/_37612042'	0	0	0	0	0	0.27	0	0 No	0 Primary Over-Voltage
VES021	863	'43104750_/_43105429'	0	0	0	0	0	0.27	0	0 No	0 Primary Over-Voltage
VES021	864	'2071228_/_2071241_1'	0	0	0	0	0	0.2	0	0 No	0 Primary Over-Voltage
VES021	865	'37612276_/_8474693_2'	0	0	0	0	0	0.9	0	0 No	0 Primary Over-Voltage
VES021	866	'37612269_/_37612280'	0	0	0	0	0	0.9	0	0 No	0 Primary Over-Voltage
VES021	867	'37612304_/_37612308'	0	0	0	0	0	0.3	0	0 No	0 Primary Over-Voltage
VES021	868	'37612290_/_37612294'	0	0	0	0	0	0.9	0	0 No	0 Primary Over-Voltage
VES021	869	'37612262_/_37612266'	0	0	0	0	0	0.9	0	0 No	0 Primary Over-Voltage
VES021	870	'498780365_/_8793878'	0	0	0	0	0	0.2	0	0 No	0 Primary Over-Voltage
VES021	871	'7215798_/_498780496'	0	0	0	0	0	0.2	0	0 No	0 Primary Over-Voltage
VES021	872	'498780472_/_498780356'	0	0	0	0	0	0.2	0	0 No	0 Primary Over-Voltage
VES021	873	'498780371_/_498780368'	0	0	0	0	0	0.2	0	0 No	0 Primary Over-Voltage
VES021	874	'126080840_/_9424914_2'	0	0	0	0	0	0.9	0	0 No	0 Primary Over-Voltage
VES021	875	'71671829_/_66853003'	0	0	0	0	0	2.8	0	0 No	0 Primary Over-Voltage
VES021	876	'2084091_/_9424914_1'	0	0	0	0	0	0.5	0	0 No	0 Primary Over-Voltage
VES021	877	'43103336_/_2063524'	0	0	0	0	0	0.27	0	0 No	0 Primary Over-Voltage
VES021	878	'44724574_/_2078941'	0	0	0	0	0	0.27	0	0 No	0 Primary Over-Voltage
VES021	879	'2070721_/_2075522'	0	0	0	0	0	1.7	0	0 No	0 Primary Over-Voltage
VES021	880	'153375983_/_2084107'	0	0	0	0	0	0.5	0	0 No	0 Primary Over-Voltage
VES021	881	'2058425_/_2058422'	0	0	0	0	0	0.2	0	0 No	0 Primary Over-Voltage
VES021	882	'549207102_/_549206950'	0	0	0	0	0	1.7	0	0 No	0 Primary Over-Voltage
VES021	883	'549207153_/_549207012_1'	0	0	0	0	0	0	0	0 No	0 Primary Over-Voltage
VES021	884	'549207015_/_549207012_2'	0	0	0	0	0	0	0	0 No	0 Primary Over-Voltage
VES021	885	'71671835_/_66853030'	0	0	0	0	0	2.8	0	0 No	0 Primary Over-Voltage
VES021	886	'549207263_/_549207030_1'	0	0	0	0	0	0	0	0 No	0 Primary Over-Voltage
VES021	887	'549207033_/_549207030_2'	0	0	0	0	0	0	0	0 No	0 Primary Over-Voltage
VES021	888	'65050938_/_2077361_1'	0	0	0	0	0	0.1	0	0 No	0 Primary Over-Voltage
VES021	889	'71671841_/_66853057'	0	0	0	0	0	2.8	0	0 No	0 Primary Over-Voltage
VES021	890	'55525719_/_153375985'	0	0	0	0	0	0.5	0	0 No	0 Primary Over-Voltage
VES021	891	'2082280_/_2082294'	0	0	0	0	0	2.5	0	0 No	0 Primary Over-Voltage
VES021	892	'408397739_/_8773440'	0	0	0	0	0	0.9	0	0 No	0 Primary Over-Voltage
VES021	893	'71671867_/_66853084'	0	0	0	0	0	2.8	0	0 No	0 Primary Over-Voltage
VES021	894	'54422597_/_54422604'	0	0	0	0	0	0.1	0	0 No	0 Primary Over-Voltage
VES021	895	'2063527_/_43103338'	0	0	0	0	0	0.27	0	0 No	0 Primary Over-Voltage
VES021	896	'2070704_/_549207211'	0	0	0	0	0	1.7	0	0 No	0 Primary Over-Voltage
VES021	897	'627402297_/_408397737'	0	0	0	0	0	0.9	0	0 No	0 Primary Over-Voltage
VES021	898	'8793864_/_8793862'	0	0	0	0	0	0.2	0	0 No	0 Primary Over-Voltage
VES021	899	'408397713_/_627402301'	0	0	0	0	0	0.9	0	0 No	0 Primary Over-Voltage
VES021	900	'7215799_/_7215796'	0	0	0	0	0	0.2	0	0 No	0 Primary Over-Voltage
VES021	901	'2070781_/_2070791_1'	0	0	0	0	0	0.2	0	0 No	0 Primary Over-Voltage
VES021	902	'68559332_/_68559074_1'	0	0	0	0	0	0.1	0	0 No	0 Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
VES021	903	'2070794_/2070791_2'	0	0	0	0	0.2	0	0	No	0 Primary Over-Voltage
VES021	904	'7215815_/211412933'	0	0	0	0	0.1	0	0	No	0 Primary Over-Voltage
VES021	905	'408397720_/408397718'	0	0	0	0	0.9	0	0	No	0 Primary Over-Voltage
VES021	906	'71671873_/66853111'	0	0	0	0	2.8	0	0	No	0 Primary Over-Voltage
VES021	907	'422898439_/422898407_1'	0	0	0	0	0.1	0	0	No	0 Primary Over-Voltage
VES021	908	'2077364_/2077361_2'	0	0	0	0	0.1	0	0	No	0 Primary Over-Voltage
VES021	909	'67554160_/67554167'	0	0	0	0	0.1	0	0	No	0 Primary Over-Voltage
VES021	910	'67553832_/67554228_2'	0	0	0	0	0.1	0	0	No	0 Primary Over-Voltage
VES021	911	'8167829_/8167827'	0	0	0	0	0.1	0	0	No	0 Primary Over-Voltage
VES021	912	'2070687_/2070702'	0	0	0	0	1.7	0	0	No	0 Primary Over-Voltage
VES021	913	'71671888_/66853138'	0	0	0	0	2.8	0	0	No	0 Primary Over-Voltage
VES021	914	'2071244_/2071241_2'	0	0	0	0	0.2	0	0	No	0 Primary Over-Voltage
VES021	915	'7533739_/8167859'	0	0	0	0	0.2	0	0	No	0 Primary Over-Voltage
VES021	916	'55276894_/55276901'	0	0	0	0	0.3	0	0	No	0 Primary Over-Voltage
VES021	917	'2083999_/2083978'	0	0	0	0	0.5	0	0	No	0 Primary Over-Voltage
VES021	918	'54422919_/54422957'	0	0	0	0	0.1	0	0	No	0 Primary Over-Voltage
VES021	919	'71671894_/66853165'	0	0	0	0	2.8	0	0	No	0 Primary Over-Voltage
VES021	920	'52717863_/52717841'	0	0	0	0	0.93	0	0	No	0 Primary Over-Voltage
VES021	921	'55525827_/55525824'	0	0	0	0	0.5	0	0	No	0 Primary Over-Voltage
VES021	922	'55525885_/55525862_1'	0	0	0	0	0.3	0	0	No	0 Primary Over-Voltage
VES021	923	'109024942_/52717877_2'	0	0	0	0	0.93	0	0	No	0 Primary Over-Voltage
VES021	924	'52718012_/52717908_1'	0	0	0	0	0.1	0	0	No	0 Primary Over-Voltage
VES021	925	'2054508_/2082257'	0	0	0	0	2.5	0	0	No	0 Primary Over-Voltage
VES021	926	'2070670_/2070685'	0	0	0	0	1.7	0	0	No	0 Primary Over-Voltage
VES021	927	'68323165_/9425082'	0	0	0	0	0.2	0	0	No	0 Primary Over-Voltage
VES021	928	'7844481_/8793944'	0	0	0	0	0.1	0	0	No	0 Primary Over-Voltage
VES021	929	'7533609_/408397801'	0	0	0	0	0.9	0	0	No	0 Primary Over-Voltage
VES021	930	'38113093_/7484080'	0	0	0	0	0.2	0	0	No	0 Primary Over-Voltage
VES021	931	'2054491_/2054505'	0	0	0	0	2.5	0	0	No	0 Primary Over-Voltage
VES021	932	'7844172_/7844314'	0	0	0	0	0.27	0	0	No	0 Primary Over-Voltage
VES021	933	'2070653_/2070668'	0	0	0	0	1.7	0	0	No	0 Primary Over-Voltage
VES021	934	'54422651_/54422623_1'	0	0	0	0	0.4	0	0	No	0 Primary Over-Voltage
VES021	935	'71671912_/66853219'	0	0	0	0	2.8	0	0	No	0 Primary Over-Voltage
VES021	936	'68559063_/68559074_2'	0	0	0	0	0.1	0	0	No	0 Primary Over-Voltage
VES021	937	'2054474_/2054488'	0	0	0	0	2.5	0	0	No	0 Primary Over-Voltage
VES021	938	'55276931_/55276938'	0	0	0	0	0.3	0	0	No	0 Primary Over-Voltage
VES021	939	'71671918_/66853246'	0	0	0	0	2.8	0	0	No	0 Primary Over-Voltage
VES021	940	'2077548_/43103010'	0	0	0	0	0.1	0	0	No	0 Primary Over-Voltage
VES021	941	'2070636_/2070651'	0	0	0	0	1.7	0	0	No	0 Primary Over-Voltage
VES021	942	'52717901_/52717908_2'	0	0	0	0	0.1	0	0	No	0 Primary Over-Voltage
VES021	943	'52717870_/52717877_1'	0	0	0	0	0.1	0	0	No	0 Primary Over-Voltage
VES021	944	'71671930_/66853273'	0	0	0	0	2.8	0	0	No	0 Primary Over-Voltage
VES021	945	'54422888_/54422926'	0	0	0	0	0.1	0	0	No	0 Primary Over-Voltage
VES021	946	'65050858_/2082695_1'	0	0	0	0	0.1	0	0	No	0 Primary Over-Voltage
VES021	947	'628871216_/2082786_1'	0	0	0	0	0.1	0	0	No	0 Primary Over-Voltage
VES021	948	'7216091_/7216088'	0	0	0	0	0.9	0	0	No	0 Primary Over-Voltage
VES021	949	'2054457_/2054471'	0	0	0	0	2.5	0	0	No	0 Primary Over-Voltage
VES021	950	'67553809_/67553839'	0	0	0	0	0.1	0	0	No	0 Primary Over-Voltage
VES021	951	'7533738_/7533736'	0	0	0	0	0.2	0	0	No	0 Primary Over-Voltage
VES021	952	'9112046_/8167811'	0	0	0	0	0.2	0	0	No	0 Primary Over-Voltage
VES021	953	'67554183_/67554190'	0	0	0	0	0.1	0	0	No	0 Primary Over-Voltage
VES021	954	'68559097_/68559108'	0	0	0	0	0.1	0	0	No	0 Primary Over-Voltage
VES021	955	'71671958_/65050709'	0	0	0	0	2.8	0	0	No	0 Primary Over-Voltage
VES021	956	'2070619_/2070634'	0	0	0	0	1.7	0	0	No	0 Primary Over-Voltage
VES021	957	'8116307_/8116304'	0	0	0	0	0.9	0	0	No	0 Primary Over-Voltage
VES021	958	'7533377_/7844170'	0	0	0	0	0.27	0	0	No	0 Primary Over-Voltage
VES021	959	'71672042_/65050757_1'	0	0	0	0	0.8	0	0	No	0 Primary Over-Voltage
VES021	960	'2054440_/2054454'	0	0	0	0	2.5	0	0	No	0 Primary Over-Voltage
VES021	961	'2082658_/2082786_2'	0	0	0	0	0.1	0	0	No	0 Primary Over-Voltage
VES021	962	'9112029_/9112027'	0	0	0	0	0.2	0	0	No	0 Primary Over-Voltage
VES021	963	'55525855_/55525862_2'	0	0	0	0	0.3	0	0	No	0 Primary Over-Voltage
VES021	964	'2070599_/2070617'	0	0	0	0	1.7	0	0	No	0 Primary Over-Voltage
VES021	965	'2054423_/2054437'	0	0	0	0	2.5	0	0	No	0 Primary Over-Voltage
VES021	966	'2082698_/2082695_2'	0	0	0	0	0.1	0	0	No	0 Primary Over-Voltage
VES021	967	'43104159_/2070804'	0	0	0	0	0.2	0	0	No	0 Primary Over-Voltage
VES021	968	'67554552_/67554556'	0	0	0	0	0.1	0	0	No	0 Primary Over-Voltage
VES021	969	'7484083_/44088029'	0	0	0	0	0.2	0	0	No	0 Primary Over-Voltage
VES021	970	'2054406_/2054420'	0	0	0	0	2.5	0	0	No	0 Primary Over-Voltage
VES021	971	'68559128_/68559139'	0	0	0	0	0.1	0	0	No	0 Primary Over-Voltage
VES021	972	'2070582_/2070597'	0	0	0	0	1.7	0	0	No	0 Primary Over-Voltage
VES021	973	'43105324_/2082656'	0	0	0	0	0.1	0	0	No	0 Primary Over-Voltage
VES021	974	'9425052_/9425066'	0	0	0	0	0.2	0	0	No	0 Primary Over-Voltage
VES021	975	'2070739_/2070752_1'	0	0	0	0	0.2	0	0	No	0 Primary Over-Voltage
VES021	976	'54422857_/54422895'	0	0	0	0	0.1	0	0	No	0 Primary Over-Voltage
VES021	977	'55276962_/55276969'	0	0	0	0	0.3	0	0	No	0 Primary Over-Voltage
VES021	978	'2054405_/2054403'	0	0	0	0	2.5	0	0	No	0 Primary Over-Voltage
VES021	979	'414576754_/2070580'	0	0	0	0	1.7	0	0	No	0 Primary Over-Voltage
VES021	980	'67553786_/67553816'	0	0	0	0	0.1	0	0	No	0 Primary Over-Voltage
VES021	981	'8167846_/9112043'	0	0	0	0	0.2	0	0	No	0 Primary Over-Voltage
VES021	982	'55277785_/55277000_1'	0	0	0	0	0.1	0	0	No	0 Primary Over-Voltage
VES021	983	'92152541_/96615122'	0	0	0	0	0.9	0	0	No	0 Primary Over-Voltage
VES021	984	'414576946_/414576886_1'	0	0	0	0	0.2	0	0	No	0 Primary Over-Voltage
VES021	985	'2065606_/2082708'	0	0	0	0	0.1	0	0	No	0 Primary Over-Voltage
VES021	986	'52718032_/52718039'	0	0	0	0	0.1	0	0	No	0 Primary Over-Voltage
VES021	987	'2070565_/414576762'	0	0	0	0	1.7	0	0	No	0 Primary Over-Voltage
VES021	988	'121658238_/121658303'	0	0	0	0	0.9	0	0	No	0 Primary Over-Voltage
VES021	989	'7533378_/7533375'	0	0	0	0	0.27	0	0	No	0 Primary Over-Voltage
VES021	990	'2082672_/2082669'	0	0	0	0	0.1	0	0	No	0 Primary Over-Voltage
VES021	991	'65050746_/65050757_2'	0	0	0	0	0.8	0	0	No	0 Primary Over-Voltage
VES021	992	'7844448_/9425050'	0	0	0	0	0.2	0	0	No	0 Primary Over-Voltage
VES021	993	'414576889_/414576886_2'	0	0	0	0	0.2	0	0	No	0 Primary Over-Voltage
VES021	994	'2055184_/2068478'	0	0	0	0	2.5	0	0	No	0 Primary Over-Voltage
VES021	995	'2070548_/2070563'	0	0	0	0	1.7	0	0	No	0 Primary Over-Voltage
VES021	996	'121657984_/121658013'	0	0	0	0	0.9	0	0	No	0 Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
VES021	997	'2070755_/_2070752_2'	0	0	0	0	0.2	0	0	No	0 Primary Over-Voltage
VES021	998	'2065607_/_2065604'	0	0	0	0	0.1	0	0	No	0 Primary Over-Voltage
VES021	999	'2065580_/_2082682'	0	0	0	0	0.1	0	0	No	0 Primary Over-Voltage
VES021	1000	'7216057_/_8119918'	0	0	0	0	0.2	0	0	No	0 Primary Over-Voltage
VES021	1001	'414576905_/_414576902'	0	0	0	0	0.2	0	0	No	0 Primary Over-Voltage
VES021	1002	'2055167_/_2055181'	0	0	0	0	2.5	0	0	No	0 Primary Over-Voltage
VES021	1003	'121657923_/_121657995'	0	0	0	0	0.9	0	0	No	0 Primary Over-Voltage
VES021	1004	'43104146_/_2070546'	0	0	0	0	1.7	0	0	No	0 Primary Over-Voltage
VES021	1005	'52718063_/_52718070'	0	0	0	0	0.1	0	0	No	0 Primary Over-Voltage
VES021	1006	'39565885_/_8167843'	0	0	0	0	0.2	0	0	No	0 Primary Over-Voltage
VES021	1007	'68559159_/_68559170'	0	0	0	0	0.1	0	0	No	0 Primary Over-Voltage
VES021	1008	'2070514_/_43104148'	0	0	0	0	1.7	0	0	No	0 Primary Over-Voltage
VES021	1009	'67553763_/_67553793'	0	0	0	0	0.1	0	0	No	0 Primary Over-Voltage
VES021	1010	'7216126_/_49965755'	0	0	0	0	0.2	0	0	No	0 Primary Over-Voltage
VES021	1011	'2065620_/_2065617'	0	0	0	0	0.1	0	0	No	0 Primary Over-Voltage
VES021	1012	'2055166_/_2055164'	0	0	0	0	2.5	0	0	No	0 Primary Over-Voltage
VES021	1013	'7503810_/_88013198'	0	0	0	0	0.1	0	0	No	0 Primary Over-Voltage
VES021	1014	'414576921_/_414576918'	0	0	0	0	0.2	0	0	No	0 Primary Over-Voltage
VES021	1015	'2065581_/_2065578'	0	0	0	0	0.1	0	0	No	0 Primary Over-Voltage
VES021	1016	'2070768_/_2070765'	0	0	0	0	0.2	0	0	No	0 Primary Over-Voltage
VES021	1017	'7533610_/_7533607'	0	0	0	0	0.3	0	0	No	0 Primary Over-Voltage
VES021	1018	'7216090_/_7533623'	0	0	0	0	0.3	0	0	No	0 Primary Over-Voltage
VES021	1019	'7844449_/_7844446'	0	0	0	0	0.2	0	0	No	0 Primary Over-Voltage
VES021	1020	'2070497_/_2070512'	0	0	0	0	1.7	0	0	No	0 Primary Over-Voltage
VES021	1021	'2070807_/_43104161'	0	0	0	0	0.2	0	0	No	0 Primary Over-Voltage
VES021	1022	'2065594_/_2065591'	0	0	0	0	0.1	0	0	No	0 Primary Over-Voltage
VES021	1023	'43104383_/_43104385'	0	0	0	0	2.5	0	0	No	0 Primary Over-Voltage
VES021	1024	'2065633_/_2065630'	0	0	0	0	0.1	0	0	No	0 Primary Over-Voltage
VES021	1025	'7215718_/_8474369'	0	0	0	0	0.27	0	0	No	0 Primary Over-Voltage
VES021	1026	'92152504_/_92152538'	0	0	0	0	0.9	0	0	No	0 Primary Over-Voltage
VES021	1027	'2070480_/_2070495'	0	0	0	0	1.7	0	0	No	0 Primary Over-Voltage
VES021	1028	'504070645_/_504070651'	0	0	0	0	0.27	0	0	No	0 Primary Over-Voltage
VES021	1029	'2055150_/_2076492'	0	0	0	0	2.5	0	0	No	0 Primary Over-Voltage
VES021	1030	'431534154_/_431534201'	0	0	0	0	0.6	0	0	No	0 Primary Over-Voltage
VES021	1031	'7216056_/_7216054'	0	0	0	0	0.2	0	0	No	0 Primary Over-Voltage
VES021	1032	'2070463_/_2070478'	0	0	0	0	1.7	0	0	No	0 Primary Over-Voltage
VES021	1033	'2065646_/_2065643'	0	0	0	0	0.1	0	0	No	0 Primary Over-Voltage
VES021	1034	'431534197_/_121658052'	0	0	0	0	0.9	0	0	No	0 Primary Over-Voltage
VES021	1035	'68559190_/_68559201'	0	0	0	0	0.1	0	0	No	0 Primary Over-Voltage
VES021	1036	'2055133_/_2055147'	0	0	0	0	2.5	0	0	No	0 Primary Over-Voltage
VES021	1037	'67554569_/_67554573'	0	0	0	0	0.1	0	0	No	0 Primary Over-Voltage
VES021	1038	'7533723_/_8167795'	0	0	0	0	0.2	0	0	No	0 Primary Over-Voltage
VES021	1039	'9082913_/_9082911'	0	0	0	0	0.1	0	0	No	0 Primary Over-Voltage
VES021	1040	'601380207_/_601380211'	0	0	0	0	2.5	0	0	No	0 Primary Over-Voltage
VES021	1041	'2070443_/_2070461'	0	0	0	0	1.7	0	0	No	0 Primary Over-Voltage
VES021	1042	'601380297_/_601380250_1'	0	0	0	0	0.1	0	0	No	0 Primary Over-Voltage
VES021	1043	'8167781_/_9111979'	0	0	0	0	0.2	0	0	No	0 Primary Over-Voltage
VES021	1044	'68559221_/_68559232'	0	0	0	0	0.1	0	0	No	0 Primary Over-Voltage
VES021	1045	'2065659_/_2065656'	0	0	0	0	0.1	0	0	No	0 Primary Over-Voltage
VES021	1046	'2055116_/_2055130'	0	0	0	0	2.5	0	0	No	0 Primary Over-Voltage
VES021	1047	'77775093_/_92152670'	0	0	0	0	0.9	0	0	No	0 Primary Over-Voltage
VES021	1048	'92152517_/_431534158'	0	0	0	0	0.9	0	0	No	0 Primary Over-Voltage
VES021	1049	'2070426_/_2070441'	0	0	0	0	1.7	0	0	No	0 Primary Over-Voltage
VES021	1050	'601380253_/_601380250_2'	0	0	0	0	0.1	0	0	No	0 Primary Over-Voltage
VES021	1051	'2055099_/_2055113'	0	0	0	0	2.5	0	0	No	0 Primary Over-Voltage
VES021	1052	'7503811_/_7503808'	0	0	0	0	0.1	0	0	No	0 Primary Over-Voltage
VES021	1053	'8167617_/_8167779'	0	0	0	0	0.2	0	0	No	0 Primary Over-Voltage
VES021	1054	'2065672_/_2065669'	0	0	0	0	0.1	0	0	No	0 Primary Over-Voltage
VES021	1055	'43104133_/_2070424'	0	0	0	0	1.7	0	0	No	0 Primary Over-Voltage
VES021	1056	'8167618_/_8167615'	0	0	0	0	0.2	0	0	No	0 Primary Over-Voltage
VES021	1057	'2055082_/_2055096'	0	0	0	0	2.5	0	0	No	0 Primary Over-Voltage
VES021	1058	'2055200_/_2055198_1'	0	0	0	0	0.1	0	0	No	0 Primary Over-Voltage
VES021	1059	'2065737_/_2065734'	0	0	0	0	0.1	0	0	No	0 Primary Over-Voltage
VES021	1060	'8743890_/_77775122'	0	0	0	0	0.9	0	0	No	0 Primary Over-Voltage
VES021	1061	'8743891_/_8743888'	0	0	0	0	0.9	0	0	No	0 Primary Over-Voltage
VES021	1062	'2065685_/_2065682'	0	0	0	0	0.1	0	0	No	0 Primary Over-Voltage
VES021	1063	'9082778_/_9398036'	0	0	0	0	0.1	0	0	No	0 Primary Over-Voltage
VES021	1064	'415783409_/_75803400'	0	0	0	0	0.9	0	0	No	0 Primary Over-Voltage
VES021	1065	'68559252_/_68559263'	0	0	0	0	0.1	0	0	No	0 Primary Over-Voltage
VES021	1066	'415783475_/_415783539'	0	0	0	0	0.9	0	0	No	0 Primary Over-Voltage
VES021	1067	'415783496_/_415783565'	0	0	0	0	0.9	0	0	No	0 Primary Over-Voltage
VES021	1068	'8474811_/_9425034'	0	0	0	0	0.2	0	0	No	0 Primary Over-Voltage
VES021	1069	'2055065_/_2055079'	0	0	0	0	2.5	0	0	No	0 Primary Over-Voltage
VES021	1070	'7533722_/_7533720_1'	0	0	0	0	0.2	0	0	No	0 Primary Over-Voltage
VES021	1071	'2055201_/_2055198_2'	0	0	0	0	0.1	0	0	No	0 Primary Over-Voltage
VES021	1072	'2065750_/_2065747'	0	0	0	0	0.1	0	0	No	0 Primary Over-Voltage
VES021	1073	'68559283_/_68559294'	0	0	0	0	0.1	0	0	No	0 Primary Over-Voltage
VES021	1074	'453871178_/_415783500_1'	0	0	0	0	0.5	0	0	No	0 Primary Over-Voltage
VES021	1075	'75803403_/_415783500_2'	0	0	0	0	0.5	0	0	No	0 Primary Over-Voltage
VES021	1076	'2055045_/_2055062'	0	0	0	0	2.5	0	0	No	0 Primary Over-Voltage
VES021	1077	'75803792_/_75803790'	0	0	0	0	0.5	0	0	No	0 Primary Over-Voltage
VES021	1078	'2065697_/_2065721'	0	0	0	0	0.1	0	0	No	0 Primary Over-Voltage
VES021	1079	'2055214_/_2055211'	0	0	0	0	0.1	0	0	No	0 Primary Over-Voltage
VES021	1080	'2055044_/_2055042'	0	0	0	0	2.5	0	0	No	0 Primary Over-Voltage
VES021	1081	'75804217_/_75804068'	0	0	0	0	0.5	0	0	No	0 Primary Over-Voltage
VES021	1082	'2062025_/_2062022'	0	0	0	0	0.1	0	0	No	0 Primary Over-Voltage
VES021	1083	'2084885_/_75804095'	0	0	0	0	0.5	0	0	No	0 Primary Over-Voltage
VES021	1084	'2030458_/_2068620'	0	0	0	0	0.1	0	0	No	0 Primary Over-Voltage
VES021	1085	'2062061_/_2062075'	0	0	0	0	2.5	0	0	No	0 Primary Over-Voltage
VES021	1086	'75804124_/_75804122'	0	0	0	0	0.5	0	0	No	0 Primary Over-Voltage
VES021	1087	'68559311_/_68559316'	0	0	0	0	0.1	0	0	No	0 Primary Over-Voltage
VES021	1088	'2065934_/_2068439'	0	0	0	0	0.1	0	0	No	0 Primary Over-Voltage
VES021	1089	'75804151_/_75804149'	0	0	0	0	0.5	0	0	No	0 Primary Over-Voltage
VES021	1090	'2055027_/_2062058'	0	0	0	0	2.5	0	0	No	0 Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
VES021	1091	'487281892_/_75804178'	0	0	0	0	0	0.5	0	0 No	0 Primary Over-Voltage
VES021	1092	'2084379_/_451588503'	0	0	0	0	0	0.5	0	0 No	0 Primary Over-Voltage
VES021	1093	'43103128_/_2055224'	0	0	0	0	0	0.1	0	0 No	0 Primary Over-Voltage
VES021	1094	'7503760_/_7817653'	0	0	0	0	0	0.1	0	0 No	0 Primary Over-Voltage
VES021	1095	'2065698_/_2065695'	0	0	0	0	0	0.1	0	0 No	0 Primary Over-Voltage
VES021	1096	'2030457_/_2030455'	0	0	0	0	0	0.1	0	0 No	0 Primary Over-Voltage
VES021	1097	'2055028_/_2055025'	0	0	0	0	0	2.5	0	0 No	0 Primary Over-Voltage
VES021	1098	'2062009_/_2083227_1'	0	0	0	0	0	0.1	0	0 No	0 Primary Over-Voltage
VES021	1099	'2065935_/_2065932'	0	0	0	0	0	0.1	0	0 No	0 Primary Over-Voltage
VES021	1100	'7215814_/_422898540'	0	0	0	0	0	0.1	0	0 No	0 Primary Over-Voltage
VES021	1101	'43105028_/_43105030'	0	0	0	0	0	2.5	0	0 No	0 Primary Over-Voltage
VES021	1102	'2083229_/_2083227_2'	0	0	0	0	0	0.1	0	0 No	0 Primary Over-Voltage
VES021	1103	'2080460_/_2080474'	0	0	0	0	0	2.5	0	0 No	0 Primary Over-Voltage
VES021	1104	'2030470_/_2030468'	0	0	0	0	0	0.1	0	0 No	0 Primary Over-Voltage
VES021	1105	'2080511_/_2080521_1'	0	0	0	0	0	0.1	0	0 No	0 Primary Over-Voltage
VES021	1106	'2055227_/_43103130'	0	0	0	0	0	0.1	0	0 No	0 Primary Over-Voltage
VES021	1107	'2065711_/_2065708'	0	0	0	0	0	0.1	0	0 No	0 Primary Over-Voltage
VES021	1108	'431534240_/_431534277'	0	0	0	0	0	0.3	0	0 No	0 Primary Over-Voltage
VES021	1109	'2080459_/_2080457'	0	0	0	0	0	2.5	0	0 No	0 Primary Over-Voltage
VES021	1110	'2080600_/_2080614'	0	0	0	0	0	2.5	0	0 No	0 Primary Over-Voltage
VES021	1111	'2080524_/_2080521_2'	0	0	0	0	0	0.1	0	0 No	0 Primary Over-Voltage
VES021	1112	'7503761_/_7503758'	0	0	0	0	0	0.1	0	0 No	0 Primary Over-Voltage
VES021	1113	'2080634_/_2080645_1'	0	0	0	0	0	0.2	0	0 No	0 Primary Over-Voltage
VES021	1114	'2030483_/_2030481'	0	0	0	0	0	0.1	0	0 No	0 Primary Over-Voltage
VES021	1115	'341154735_/_341154737'	0	0	0	0	0	2.5	0	0 No	0 Primary Over-Voltage
VES021	1116	'2080537_/_2080534'	0	0	0	0	0	0.1	0	0 No	0 Primary Over-Voltage
VES021	1117	'2080493_/_2080491'	0	0	0	0	0	2.5	0	0 No	0 Primary Over-Voltage
VES021	1118	'145334790_/_145334769_1'	0	0	0	0	0	0.3	0	0 No	0 Primary Over-Voltage
VES021	1119	'145334751_/_145334769_2'	0	0	0	0	0	0.3	0	0 No	0 Primary Over-Voltage
VES021	1120	'43103755_/_2065763'	0	0	0	0	0	0.1	0	0 No	0 Primary Over-Voltage
VES021	1121	'2080648_/_2080645_2'	0	0	0	0	0	0.2	0	0 No	0 Primary Over-Voltage
VES021	1122	'2076210_/_2080580'	0	0	0	0	0	2.5	0	0 No	0 Primary Over-Voltage
VES021	1123	'2068210_/_2068208_1'	0	0	0	0	0	0.1	0	0 No	0 Primary Over-Voltage
VES021	1124	'2080550_/_2080547'	0	0	0	0	0	0.1	0	0 No	0 Primary Over-Voltage
VES021	1125	'2076193_/_2076207'	0	0	0	0	0	2.5	0	0 No	0 Primary Over-Voltage
VES021	1126	'413155077_/_2076375_1'	0	0	0	0	0	0.1	0	0 No	0 Primary Over-Voltage
VES021	1127	'2068211_/_2068208_2'	0	0	0	0	0	0.1	0	0 No	0 Primary Over-Voltage
VES021	1128	'2076192_/_2076190'	0	0	0	0	0	2.5	0	0 No	0 Primary Over-Voltage
VES021	1129	'2076243_/_2076241_1'	0	0	0	0	0	0.1	0	0 No	0 Primary Over-Voltage
VES021	1130	'2065779_/_2065776'	0	0	0	0	0	0.1	0	0 No	0 Primary Over-Voltage
VES021	1131	'49224265_/_43103141_2'	0	0	0	0	0	2.5	0	0 No	0 Primary Over-Voltage
VES021	1132	'2076226_/_43103141_1'	0	0	0	0	0	2.5	0	0 No	0 Primary Over-Voltage
VES021	1133	'2030431_/_2076375_2'	0	0	0	0	0	0.1	0	0 No	0 Primary Over-Voltage
VES021	1134	'49224264_/_2076325'	0	0	0	0	0	2.5	0	0 No	0 Primary Over-Voltage
VES021	1135	'2060017_/_2076173_2'	0	0	0	0	0	2.5	0	0 No	0 Primary Over-Voltage
VES021	1136	'2076244_/_2076241_2'	0	0	0	0	0	0.1	0	0 No	0 Primary Over-Voltage
VES021	1137	'8765235_/_9373202'	0	0	0	0	0	0.1	0	0 No	0 Primary Over-Voltage
VES021	1138	'7844480_/_8765232'	0	0	0	0	0	0.1	0	0 No	0 Primary Over-Voltage
VES021	1139	'2060018_/_2060015_1'	0	0	0	0	0	0.1	0	0 No	0 Primary Over-Voltage
VES021	1140	'2076159_/_2076173_1'	0	0	0	0	0	2.5	0	0 No	0 Primary Over-Voltage
VES021	1141	'43102953_/_2060015_2'	0	0	0	0	0	0.1	0	0 No	0 Primary Over-Voltage
VES021	1142	'2065792_/_2065789'	0	0	0	0	0	0.1	0	0 No	0 Primary Over-Voltage
VES021	1143	'43102964_/_2030429'	0	0	0	0	0	0.1	0	0 No	0 Primary Over-Voltage
VES021	1144	'2076257_/_2076254'	0	0	0	0	0	0.1	0	0 No	0 Primary Over-Voltage
VES021	1145	'2055269_/_2076156'	0	0	0	0	0	2.5	0	0 No	0 Primary Over-Voltage
VES021	1146	'2030299_/_2030296'	0	0	0	0	0	0.1	0	0 No	0 Primary Over-Voltage
VES021	1147	'2076143_/_43102955'	0	0	0	0	0	0.1	0	0 No	0 Primary Over-Voltage
VES021	1148	'2055268_/_2055266'	0	0	0	0	0	2.5	0	0 No	0 Primary Over-Voltage
VES021	1149	'123454617_/_7844478_1'	0	0	0	0	0	0.1	0	0 No	0 Primary Over-Voltage
VES021	1150	'2061956_/_2076296'	0	0	0	0	0	0.1	0	0 No	0 Primary Over-Voltage
VES021	1151	'43102975_/_2030416'	0	0	0	0	0	0.1	0	0 No	0 Primary Over-Voltage
VES021	1152	'2076270_/_2076267'	0	0	0	0	0	0.1	0	0 No	0 Primary Over-Voltage
VES021	1153	'2030312_/_2030309'	0	0	0	0	0	0.1	0	0 No	0 Primary Over-Voltage
VES021	1154	'2030328_/_2030325'	0	0	0	0	0	0.1	0	0 No	0 Primary Over-Voltage
VES021	1155	'43103174_/_2068282'	0	0	0	0	0	2.5	0	0 No	0 Primary Over-Voltage
VES021	1156	'2078698_/_2078695'	0	0	0	0	0	0.1	0	0 No	0 Primary Over-Voltage
VES021	1157	'130142734_/_2068224_1'	0	0	0	0	0	0.3	0	0 No	0 Primary Over-Voltage
VES021	1158	'2078710_/_2078734'	0	0	0	0	0	0.1	0	0 No	0 Primary Over-Voltage
VES021	1159	'43103152_/_2061954'	0	0	0	0	0	0.1	0	0 No	0 Primary Over-Voltage
VES021	1160	'519014593_/_43103154_1'	0	0	0	0	0	0.1	0	0 No	0 Primary Over-Voltage
VES021	1161	'519014639_/_519014493_2'	0	0	0	0	0	0.1	0	0 No	0 Primary Over-Voltage
VES021	1162	'43103187_/_43103176'	0	0	0	0	0	2.5	0	0 No	0 Primary Over-Voltage
VES021	1163	'2030340_/_2078721'	0	0	0	0	0	0.1	0	0 No	0 Primary Over-Voltage
VES021	1164	'519014496_/_519014493_3'	0	0	0	0	0	0.1	0	0 No	0 Primary Over-Voltage
VES021	1165	'43102997_/_2078708'	0	0	0	0	0	0.1	0	0 No	0 Primary Over-Voltage
VES021	1166	'2059640_/_2068224_2'	0	0	0	0	0	0.3	0	0 No	0 Primary Over-Voltage
VES021	1167	'438434566_/_434847364_1'	0	0	0	0	0	0.1	0	0 No	0 Primary Over-Voltage
VES021	1168	'2062297_/_2062295'	0	0	0	0	0	2.5	0	0 No	0 Primary Over-Voltage
VES021	1169	'43102986_/_2030338'	0	0	0	0	0	0.1	0	0 No	0 Primary Over-Voltage
VES021	1170	'2062331_/_2068240_1'	0	0	0	0	0	0.1	0	0 No	0 Primary Over-Voltage
VES021	1171	'519014512_/_519014509'	0	0	0	0	0	0.1	0	0 No	0 Primary Over-Voltage
VES021	1172	'2030366_/_43102999'	0	0	0	0	0	0.1	0	0 No	0 Primary Over-Voltage
VES021	1173	'2061969_/_43103154_2'	0	0	0	0	0	0.1	0	0 No	0 Primary Over-Voltage
VES021	1174	'2059601_/_2068240_2'	0	0	0	0	0	0.1	0	0 No	0 Primary Over-Voltage
VES021	1175	'434847367_/_434847364_2'	0	0	0	0	0	0.1	0	0 No	0 Primary Over-Voltage
VES021	1176	'43103200_/_43103202'	0	0	0	0	0	2.5	0	0 No	0 Primary Over-Voltage
VES021	1177	'453871125_/_434847401_1'	0	0	0	0	0	0.1	0	0 No	0 Primary Over-Voltage
VES021	1178	'108750067_/_2084908_1'	0	0	0	0	0	0.1	0	0 No	0 Primary Over-Voltage
VES021	1179	'2030353_/_43102988'	0	0	0	0	0	0.1	0	0 No	0 Primary Over-Voltage
VES021	1180	'2030367_/_2030364'	0	0	0	0	0	0.1	0	0 No	0 Primary Over-Voltage
VES021	1181	'2059641_/_2059638'	0	0	0	0	0	0.3	0	0 No	0 Primary Over-Voltage
VES021	1182	'2084911_/_2084908_2'	0	0	0	0	0	0.1	0	0 No	0 Primary Over-Voltage
VES021	1183	'519014528_/_519014525'	0	0	0	0	0	0.1	0	0 No	0 Primary Over-Voltage
VES021	1184	'2062264_/_2062278'	0	0	0	0	0	2.5	0	0 No	0 Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
VES021	1185	'7215702_/_7215846_2'	0	0	0	0	0.83	0	0	No	0 Primary Over-Voltage
VES021	1186	'2030354_/_2030351'	0	0	0	0	0.1	0	0	No	0 Primary Over-Voltage
VES021	1187	'2030380_/_2030377'	0	0	0	0	0.1	0	0	No	0 Primary Over-Voltage
VES021	1188	'2061970_/_2061967'	0	0	0	0	0.1	0	0	No	0 Primary Over-Voltage
VES021	1189	'2079038_/_2079035'	0	0	0	0	0.1	0	0	No	0 Primary Over-Voltage
VES021	1190	'2059602_/_43102911'	0	0	0	0	0.1	0	0	No	0 Primary Over-Voltage
VES021	1191	'2062247_/_2062261'	0	0	0	0	2.5	0	0	No	0 Primary Over-Voltage
VES021	1192	'2059654_/_2059651'	0	0	0	0	0.3	0	0	No	0 Primary Over-Voltage
VES021	1193	'2061983_/_2061980'	0	0	0	0	0.1	0	0	No	0 Primary Over-Voltage
VES021	1194	'130143152_/_2059664'	0	0	0	0	0.3	0	0	No	0 Primary Over-Voltage
VES021	1195	'130143911_/_130143154_1'	0	0	0	0	0.1	0	0	No	0 Primary Over-Voltage
VES021	1196	'2062230_/_2062244'	0	0	0	0	2.5	0	0	No	0 Primary Over-Voltage
VES021	1197	'434847382_/_434847401_2'	0	0	0	0	0.1	0	0	No	0 Primary Over-Voltage
VES021	1198	'2059667_/_130143154_2'	0	0	0	0	0.1	0	0	No	0 Primary Over-Voltage
VES021	1199	'2062213_/_2062227'	0	0	0	0	2.5	0	0	No	0 Primary Over-Voltage
VES021	1200	'7215848_/_7215846_1'	0	0	0	0	0.1	0	0	No	0 Primary Over-Voltage
VES021	1201	'43103213_/_43103215'	0	0	0	0	2.5	0	0	No	0 Primary Over-Voltage
VES021	1202	'43102920_/_2059677'	0	0	0	0	0.1	0	0	No	0 Primary Over-Voltage
VES021	1203	'2062179_/_2062210'	0	0	0	0	2.5	0	0	No	0 Primary Over-Voltage
VES021	1204	'8474356_/_8474353'	0	0	0	0	0.1	0	0	No	0 Primary Over-Voltage
VES021	1205	'71022809_/_2062176'	0	0	0	0	2.5	0	0	No	0 Primary Over-Voltage
VES021	1206	'71022819_/_2068256_2'	0	0	0	0	0.83	0	0	No	0 Primary Over-Voltage
VES021	1207	'2059628_/_2068256_1'	0	0	0	0	0.1	0	0	No	0 Primary Over-Voltage
VES021	1208	'43102931_/_2059690'	0	0	0	0	0.1	0	0	No	0 Primary Over-Voltage
VES021	1209	'43104736_/_43104738'	0	0	0	0	2.5	0	0	No	0 Primary Over-Voltage
VES021	1210	'2059615_/_2059625'	0	0	0	0	0.1	0	0	No	0 Primary Over-Voltage
VES021	1211	'71022953_/_71022927'	0	0	0	0	0.1	0	0	No	0 Primary Over-Voltage
VES021	1212	'2078813_/_2078833'	0	0	0	0	2.5	0	0	No	0 Primary Over-Voltage
VES021	1213	'2030444_/_2059703'	0	0	0	0	0.1	0	0	No	0 Primary Over-Voltage
VES021	1214	'2059614_/_2059612'	0	0	0	0	0.1	0	0	No	0 Primary Over-Voltage
VES021	1215	'71022981_/_71022955'	0	0	0	0	0.1	0	0	No	0 Primary Over-Voltage
VES021	1216	'2062467_/_2078810'	0	0	0	0	2.5	0	0	No	0 Primary Over-Voltage
VES021	1217	'2062149_/_2062464'	0	0	0	0	2.5	0	0	No	0 Primary Over-Voltage
VES021	1218	'43102942_/_2030442'	0	0	0	0	0	0	0	No	0 Primary Over-Voltage
VES021	1219	'2062150_/_2062163_1'	0	0	0	0	0.4	0	0	No	0 Primary Over-Voltage
VES021	1220	'71023004_/_71022983'	0	0	0	0	0.1	0	0	No	0 Primary Over-Voltage
VES021	1221	'2062433_/_2062481'	0	0	0	0	2.5	0	0	No	0 Primary Over-Voltage
VES021	1222	'7215686_/_7215684_1'	0	0	0	0	0.4	0	0	No	0 Primary Over-Voltage
VES021	1223	'2062416_/_2062430'	0	0	0	0	2.5	0	0	No	0 Primary Over-Voltage
VES021	1224	'71023028_/_71023007'	0	0	0	0	0.1	0	0	No	0 Primary Over-Voltage
VES021	1225	'499693788_/_499693771_2'	0	0	0	0	2.5	0	0	No	0 Primary Over-Voltage
VES021	1226	'2062166_/_2062163_2'	0	0	0	0	0.4	0	0	No	0 Primary Over-Voltage
VES021	1227	'499693767_/_2062413_2'	0	0	0	0	2.5	0	0	No	0 Primary Over-Voltage
VES021	1228	'2030445_/_43102944'	0	0	0	0	0.1	0	0	No	0 Primary Over-Voltage
VES021	1229	'2062399_/_2062413_1'	0	0	0	0	2.5	0	0	No	0 Primary Over-Voltage
VES021	1230	'38809080_/_2068604_2'	0	0	0	0	0.83	0	0	No	0 Primary Over-Voltage
VES021	1231	'76056716_/_2062396_2'	0	0	0	0	2.5	0	0	No	0 Primary Over-Voltage
VES021	1232	'2062382_/_2062396_1'	0	0	0	0	2.5	0	0	No	0 Primary Over-Voltage
VES021	1233	'2062365_/_2062379'	0	0	0	0	2.5	0	0	No	0 Primary Over-Voltage
VES021	1234	'71023052_/_71023031'	0	0	0	0	0.1	0	0	No	0 Primary Over-Voltage
VES021	1235	'2062345_/_2062362'	0	0	0	0	2.5	0	0	No	0 Primary Over-Voltage
VES021	1236	'2062137_/_2062342'	0	0	0	0	2.5	0	0	No	0 Primary Over-Voltage
VES021	1237	'2062136_/_43103165_2'	0	0	0	0	0.83	0	0	No	0 Primary Over-Voltage
VES021	1238	'2068606_/_2068604_1'	0	0	0	0	0.1	0	0	No	0 Primary Over-Voltage
VES021	1239	'71023058_/_71023055'	0	0	0	0	0.1	0	0	No	0 Primary Over-Voltage
VES021	1240	'2077157_/_2077171'	0	0	0	0	2.5	0	0	No	0 Primary Over-Voltage
VES021	1241	'43103163_/_43103165_1'	0	0	0	0	0.1	0	0	No	0 Primary Over-Voltage
VES021	1242	'2077140_/_2077154'	0	0	0	0	2.5	0	0	No	0 Primary Over-Voltage
VES021	1243	'2059585_/_2077137'	0	0	0	0	2.5	0	0	No	0 Primary Over-Voltage
VES021	1244	'2062111_/_2062121'	0	0	0	0	0.1	0	0	No	0 Primary Over-Voltage
VES021	1245	'2059568_/_2059582'	0	0	0	0	2.5	0	0	No	0 Primary Over-Voltage
VES021	1246	'7215687_/_7215684_2'	0	0	0	0	0.4	0	0	No	0 Primary Over-Voltage
VES021	1247	'2059551_/_2059565'	0	0	0	0	2.5	0	0	No	0 Primary Over-Voltage
VES021	1248	'2062098_/_2062108'	0	0	0	0	0.1	0	0	No	0 Primary Over-Voltage
VES021	1249	'2059534_/_2059548'	0	0	0	0	2.5	0	0	No	0 Primary Over-Voltage
VES021	1250	'2062097_/_2062095'	0	0	0	0	0.1	0	0	No	0 Primary Over-Voltage
VES021	1251	'8793800_/_8793798'	0	0	0	0	0.4	0	0	No	0 Primary Over-Voltage
VES021	1252	'2059533_/_2059531'	0	0	0	0	2.5	0	0	No	0 Primary Over-Voltage
VES021	1253	'2062742_/_2068302'	0	0	0	0	0.1	0	0	No	0 Primary Over-Voltage
VES021	1254	'2059514_/_2068455'	0	0	0	0	2.5	0	0	No	0 Primary Over-Voltage
VES021	1255	'2062755_/_2062752'	0	0	0	0	0.1	0	0	No	0 Primary Over-Voltage
VES021	1256	'2059497_/_2059511'	0	0	0	0	2.5	0	0	No	0 Primary Over-Voltage
VES021	1257	'2062729_/_2062739'	0	0	0	0	0.1	0	0	No	0 Primary Over-Voltage
VES021	1258	'2059496_/_2059494'	0	0	0	0	2.5	0	0	No	0 Primary Over-Voltage
VES021	1259	'2062716_/_2062726'	0	0	0	0	0.1	0	0	No	0 Primary Over-Voltage
VES021	1260	'43104916_/_43104918'	0	0	0	0	2.5	0	0	No	0 Primary Over-Voltage
VES021	1261	'2062703_/_2062713'	0	0	0	0	0.1	0	0	No	0 Primary Over-Voltage
VES021	1262	'2059480_/_2079564'	0	0	0	0	2.5	0	0	No	0 Primary Over-Voltage
VES021	1263	'2059463_/_2059477'	0	0	0	0	2.5	0	0	No	0 Primary Over-Voltage
VES021	1264	'2059375_/_2059460'	0	0	0	0	2.5	0	0	No	0 Primary Over-Voltage
VES021	1265	'2062690_/_2062700'	0	0	0	0	0.1	0	0	No	0 Primary Over-Voltage
VES021	1266	'2062768_/_2062765'	0	0	0	0	0.1	0	0	No	0 Primary Over-Voltage
VES021	1267	'2059355_/_2059372'	0	0	0	0	2.5	0	0	No	0 Primary Over-Voltage
VES021	1268	'2062677_/_2062687'	0	0	0	0	0.1	0	0	No	0 Primary Over-Voltage
VES021	1269	'2059338_/_2059352'	0	0	0	0	2.5	0	0	No	0 Primary Over-Voltage
VES021	1270	'2062664_/_2062674'	0	0	0	0	0.1	0	0	No	0 Primary Over-Voltage
VES021	1271	'2059321_/_2059335'	0	0	0	0	2.5	0	0	No	0 Primary Over-Voltage
VES021	1272	'2062651_/_2062661'	0	0	0	0	0.1	0	0	No	0 Primary Over-Voltage
VES021	1273	'2059304_/_2059318'	0	0	0	0	2.5	0	0	No	0 Primary Over-Voltage
VES021	1274	'2059287_/_2059301'	0	0	0	0	2.5	0	0	No	0 Primary Over-Voltage
VES021	1275	'2062638_/_2062648'	0	0	0	0	0.1	0	0	No	0 Primary Over-Voltage
VES021	1276	'2059270_/_2059284'	0	0	0	0	2.5	0	0	No	0 Primary Over-Voltage
VES021	1277	'2062625_/_2062635'	0	0	0	0	0.1	0	0	No	0 Primary Over-Voltage
VES021	1278	'2059269_/_2059267'	0	0	0	0	2.5	0	0	No	0 Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
VES021	1279	'2076906_/_2076904'	0	0	0	0	2.5	0	0	No	0 Primary Over-Voltage
VES021	1280	'2076924_/_2076934_1'	0	0	0	0	0.1	0	0	No	0 Primary Over-Voltage
VES021	1281	'2062612_/_2062622'	0	0	0	0	0.1	0	0	No	0 Primary Over-Voltage
VES021	1282	'2076860_/_2076934_2'	0	0	0	0	0.1	0	0	No	0 Primary Over-Voltage
VES021	1283	'49952888_/_49952885'	0	0	0	0	2.5	0	0	No	0 Primary Over-Voltage
VES021	1284	'2076861_/_2076858'	0	0	0	0	0.1	0	0	No	0 Primary Over-Voltage
VES021	1285	'2062599_/_2062609'	0	0	0	0	0.1	0	0	No	0 Primary Over-Voltage
VES021	1286	'2076874_/_2076871'	0	0	0	0	0.1	0	0	No	0 Primary Over-Voltage
VES021	1287	'2059236_/_2059250'	0	0	0	0	2.5	0	0	No	0 Primary Over-Voltage
VES021	1288	'2062586_/_2062596'	0	0	0	0	0.1	0	0	No	0 Primary Over-Voltage
VES021	1289	'2059216_/_2059233'	0	0	0	0	2.5	0	0	No	0 Primary Over-Voltage
VES021	1290	'2059421_/_2059434_1'	0	0	0	0	0.1	0	0	No	0 Primary Over-Voltage
VES021	1291	'2062573_/_2062583'	0	0	0	0	0.1	0	0	No	0 Primary Over-Voltage
VES021	1292	'2059437_/_2059434_2'	0	0	0	0	0.1	0	0	No	0 Primary Over-Voltage
VES021	1293	'2059450_/_43102900'	0	0	0	0	0.1	0	0	No	0 Primary Over-Voltage
VES021	1294	'2059199_/_2059213'	0	0	0	0	2.5	0	0	No	0 Primary Over-Voltage
VES021	1295	'2062560_/_2062570'	0	0	0	0	0.1	0	0	No	0 Primary Over-Voltage
VES021	1296	'2059182_/_2059196'	0	0	0	0	2.5	0	0	No	0 Primary Over-Voltage
VES021	1297	'8474339_/_8474337_1'	0	0	0	0	0.1	0	0	No	0 Primary Over-Voltage
VES021	1298	'2062547_/_2062557'	0	0	0	0	0.1	0	0	No	0 Primary Over-Voltage
VES021	1299	'8474340_/_8474337_2'	0	0	0	0	0.1	0	0	No	0 Primary Over-Voltage
VES021	1300	'2059165_/_2059179'	0	0	0	0	2.5	0	0	No	0 Primary Over-Voltage
VES021	1301	'43103226_/_43103228'	0	0	0	0	0.1	0	0	No	0 Primary Over-Voltage
VES021	1302	'2059148_/_2059162'	0	0	0	0	2.5	0	0	No	0 Primary Over-Voltage
VES021	1303	'2062546_/_2062544'	0	0	0	0	0.1	0	0	No	0 Primary Over-Voltage
VES021	1304	'2059131_/_2059145'	0	0	0	0	2.5	0	0	No	0 Primary Over-Voltage
VES021	1305	'2059114_/_2059128'	0	0	0	0	2.5	0	0	No	0 Primary Over-Voltage
VES021	1306	'2059391_/_2059402'	0	0	0	0	0.83	0	0	No	0 Primary Over-Voltage
VES021	1307	'2059097_/_2059111'	0	0	0	0	2.5	0	0	No	0 Primary Over-Voltage
VES021	1308	'43102887_/_2059389'	0	0	0	0	0.1	0	0	No	0 Primary Over-Voltage
VES021	1309	'2059080_/_2059094'	0	0	0	0	2.5	0	0	No	0 Primary Over-Voltage
VES021	1310	'2059063_/_2059077'	0	0	0	0	2.5	0	0	No	0 Primary Over-Voltage
VES021	1311	'2059392_/_43102889'	0	0	0	0	0.1	0	0	No	0 Primary Over-Voltage
VES021	1312	'2059062_/_2059060'	0	0	0	0	2.5	0	0	No	0 Primary Over-Voltage
VES021	1313	'2076967_/_2077075'	0	0	0	0	2.5	0	0	No	0 Primary Over-Voltage
VES021	1314	'2076984_/_2076994_1'	0	0	0	0	0.1	0	0	No	0 Primary Over-Voltage
VES021	1315	'2076997_/_2076994_2'	0	0	0	0	0.1	0	0	No	0 Primary Over-Voltage
VES021	1316	'2058943_/_2076964'	0	0	0	0	2.5	0	0	No	0 Primary Over-Voltage
VES021	1317	'2077010_/_2077007'	0	0	0	0	0.1	0	0	No	0 Primary Over-Voltage
VES021	1318	'2058926_/_2058940'	0	0	0	0	2.5	0	0	No	0 Primary Over-Voltage
VES021	1319	'2077023_/_2077020'	0	0	0	0	0.1	0	0	No	0 Primary Over-Voltage
VES021	1320	'2059034_/_2059047_1'	0	0	0	0	0.1	0	0	No	0 Primary Over-Voltage
VES021	1321	'2077036_/_2077033'	0	0	0	0	0.1	0	0	No	0 Primary Over-Voltage
VES021	1322	'2058909_/_2058923'	0	0	0	0	2.5	0	0	No	0 Primary Over-Voltage
VES021	1323	'8461501_/_8461514_1'	0	0	0	0	0.1	0	0	No	0 Primary Over-Voltage
VES021	1324	'2077049_/_2077046'	0	0	0	0	0.1	0	0	No	0 Primary Over-Voltage
VES021	1325	'2058892_/_2058906'	0	0	0	0	2.5	0	0	No	0 Primary Over-Voltage
VES021	1326	'2077065_/_2077062'	0	0	0	0	0.1	0	0	No	0 Primary Over-Voltage
VES021	1327	'2059050_/_2059047_2'	0	0	0	0	0.1	0	0	No	0 Primary Over-Voltage
VES021	1328	'8461517_/_8461514_2'	0	0	0	0	0.1	0	0	No	0 Primary Over-Voltage
VES021	1329	'2058891_/_2058889'	0	0	0	0	2.5	0	0	No	0 Primary Over-Voltage
VES021	1330	'2077301_/_2077315'	0	0	0	0	2.5	0	0	No	0 Primary Over-Voltage
VES021	1331	'43104480_/_2077233'	0	0	0	0	0.1	0	0	No	0 Primary Over-Voltage
VES021	1332	'2058869_/_2077298'	0	0	0	0	2.5	0	0	No	0 Primary Over-Voltage
VES021	1333	'2058852_/_2058866'	0	0	0	0	2.5	0	0	No	0 Primary Over-Voltage
VES021	1334	'346985683_/_2059015_1'	0	0	0	0	0.1	0	0	No	0 Primary Over-Voltage
VES021	1335	'346985689_/_2059015_2'	0	0	0	0	0.1	0	0	No	0 Primary Over-Voltage
VES021	1336	'2058835_/_2058849'	0	0	0	0	2.5	0	0	No	0 Primary Over-Voltage
VES021	1337	'2058960_/_2058957'	0	0	0	0	0.1	0	0	No	0 Primary Over-Voltage
VES021	1338	'2058818_/_2058832'	0	0	0	0	2.5	0	0	No	0 Primary Over-Voltage
VES021	1339	'2059001_/_2059015_3'	0	0	0	0	0.1	0	0	No	0 Primary Over-Voltage
VES021	1340	'2059002_/_2058999'	0	0	0	0	0.1	0	0	No	0 Primary Over-Voltage
VES021	1341	'2058801_/_2058815'	0	0	0	0	2.5	0	0	No	0 Primary Over-Voltage
VES021	1342	'477440398_/_477440387_1'	0	0	0	0	0.1	0	0	No	0 Primary Over-Voltage
VES021	1343	'2058975_/_2058973'	0	0	0	0	0.1	0	0	No	0 Primary Over-Voltage
VES021	1344	'477440442_/_475693817_1'	0	0	0	0	0.1	0	0	No	0 Primary Over-Voltage
VES021	1345	'475693740_/_477440387_2'	0	0	0	0	0.1	0	0	No	0 Primary Over-Voltage
VES021	1346	'2058784_/_2058798'	0	0	0	0	2.5	0	0	No	0 Primary Over-Voltage
VES021	1347	'470286438_/_475693817_2'	0	0	0	0	0.1	0	0	No	0 Primary Over-Voltage
VES021	1348	'2058767_/_2058781'	0	0	0	0	2.5	0	0	No	0 Primary Over-Voltage
VES021	1349	'2058750_/_2058764'	0	0	0	0	2.5	0	0	No	0 Primary Over-Voltage
VES021	1350	'2058733_/_2058747'	0	0	0	0	2.5	0	0	No	0 Primary Over-Voltage
VES021	1351	'2058732_/_2058730'	0	0	0	0	2.5	0	0	No	0 Primary Over-Voltage
VES021	1352	'2067784_/_2068185'	0	0	0	0	2.5	0	0	No	0 Primary Over-Voltage
VES021	1353	'2067767_/_2067781'	0	0	0	0	2.5	0	0	No	0 Primary Over-Voltage
VES021	1354	'2067747_/_2067764'	0	0	0	0	2.5	0	0	No	0 Primary Over-Voltage
VES021	1355	'2067730_/_2067744'	0	0	0	0	2.5	0	0	No	0 Primary Over-Voltage
VES021	1356	'2067713_/_2067727'	0	0	0	0	2.5	0	0	No	0 Primary Over-Voltage
VES021	1357	'2067696_/_2067710'	0	0	0	0	2.5	0	0	No	0 Primary Over-Voltage
VES021	1358	'2067676_/_2067693'	0	0	0	0	2.5	0	0	No	0 Primary Over-Voltage
VES021	1359	'2067659_/_2067673'	0	0	0	0	2.5	0	0	No	0 Primary Over-Voltage
VES021	1360	'2067642_/_2067656'	0	0	0	0	2.5	0	0	No	0 Primary Over-Voltage
VES021	1361	'2067641_/_2067639'	0	0	0	0	2.5	0	0	No	0 Primary Over-Voltage
VES021	1362	'2079054_/_2079068'	0	0	0	0	2.5	0	0	No	0 Primary Over-Voltage
VES021	1363	'2079088_/_2079085'	0	0	0	0	2.5	0	0	No	0 Primary Over-Voltage
VES021	1364	'109219017_/_8167599_1'	0	0	0	0	0.1	0	0	No	0 Primary Over-Voltage
VES021	1365	'2067622_/_2079051'	0	0	0	0	2.5	0	0	No	0 Primary Over-Voltage
VES021	1366	'2067605_/_2067619'	0	0	0	0	2.5	0	0	No	0 Primary Over-Voltage
VES021	1367	'2067800_/_2067798_1'	0	0	0	0	0.1	0	0	No	0 Primary Over-Voltage
VES021	1368	'2067588_/_2067602'	0	0	0	0	2.5	0	0	No	0 Primary Over-Voltage
VES021	1369	'112497370_/_43103768_1'	0	0	0	0	0.1	0	0	No	0 Primary Over-Voltage
VES021	1370	'2067571_/_2067585'	0	0	0	0	2.5	0	0	No	0 Primary Over-Voltage
VES021	1371	'2067801_/_2067798_2'	0	0	0	0	0.1	0	0	No	0 Primary Over-Voltage
VES021	1372	'112497060_/_2067568'	0	0	0	0	2.5	0	0	No	0 Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
VES021	1373	'112497697_/_2065945_1'	0	0	0	0	0	0.1	0	0 No	0 Primary Over-Voltage
VES021	1374	'2067537_/_2067551'	0	0	0	0	0	2.5	0	0 No	0 Primary Over-Voltage
VES021	1375	'2065948_/_2065945_2'	0	0	0	0	0	0.1	0	0 No	0 Primary Over-Voltage
VES021	1376	'90914023_/_8167599_2'	0	0	0	0	0	0.1	0	0 No	0 Primary Over-Voltage
VES021	1377	'2065961_/_2065958'	0	0	0	0	0	0.1	0	0 No	0 Primary Over-Voltage
VES021	1378	'109218940_/_90914020'	0	0	0	0	0	0.1	0	0 No	0 Primary Over-Voltage
VES021	1379	'2067517_/_2067534'	0	0	0	0	0	2.5	0	0 No	0 Primary Over-Voltage
VES021	1380	'109218919_/_90914000'	0	0	0	0	0	0.1	0	0 No	0 Primary Over-Voltage
VES021	1381	'2067966_/_43103768_2'	0	0	0	0	0	0.1	0	0 No	0 Primary Over-Voltage
VES021	1382	'2065974_/_2065971'	0	0	0	0	0	0.1	0	0 No	0 Primary Over-Voltage
VES021	1383	'2080251_/_2065984'	0	0	0	0	0	0.1	0	0 No	0 Primary Over-Voltage
VES021	1384	'2067500_/_2067514'	0	0	0	0	0	2.5	0	0 No	0 Primary Over-Voltage
VES021	1385	'2080277_/_2080274'	0	0	0	0	0	0.1	0	0 No	0 Primary Over-Voltage
VES021	1386	'112497547_/_90914079'	0	0	0	0	0	0.1	0	0 No	0 Primary Over-Voltage
VES021	1387	'2080250_/_2080248'	0	0	0	0	0	0.1	0	0 No	0 Primary Over-Voltage
VES021	1388	'2067483_/_2067497'	0	0	0	0	0	2.5	0	0 No	0 Primary Over-Voltage
VES021	1389	'2080237_/_2080287'	0	0	0	0	0	0.1	0	0 No	0 Primary Over-Voltage
VES021	1390	'2067466_/_2067480'	0	0	0	0	0	2.5	0	0 No	0 Primary Over-Voltage
VES021	1391	'2080224_/_2080235'	0	0	0	0	0	0.1	0	0 No	0 Primary Over-Voltage
VES021	1392	'2067465_/_2067463'	0	0	0	0	0	2.5	0	0 No	0 Primary Over-Voltage
VES021	1393	'2080225_/_2080222'	0	0	0	0	0	0.1	0	0 No	0 Primary Over-Voltage
VES021	1394	'49246520_/_49246517'	0	0	0	0	0	2.5	0	0 No	0 Primary Over-Voltage
VES021	1395	'2067449_/_2078767'	0	0	0	0	0	2.5	0	0 No	0 Primary Over-Voltage
VES021	1396	'2067432_/_2067446'	0	0	0	0	0	2.5	0	0 No	0 Primary Over-Voltage
VES021	1397	'2067431_/_2067429'	0	0	0	0	0	2.5	0	0 No	0 Primary Over-Voltage
VES021	1398	'2067415_/_2067930'	0	0	0	0	0	2.5	0	0 No	0 Primary Over-Voltage
VES021	1399	'2066359_/_2067412'	0	0	0	0	0	2.5	0	0 No	0 Primary Over-Voltage
VES021	1400	'2066325_/_2066356'	0	0	0	0	0	2.5	0	0 No	0 Primary Over-Voltage
VES021	1401	'2066326_/_2067917_1'	0	0	0	0	0	0.1	0	0 No	0 Primary Over-Voltage
VES021	1402	'2067920_/_2067917_2'	0	0	0	0	0	0.1	0	0 No	0 Primary Over-Voltage
VES021	1403	'2066309_/_2066339'	0	0	0	0	0	2.5	0	0 No	0 Primary Over-Voltage
VES021	1404	'50719607_/_50719604'	0	0	0	0	0	2.5	0	0 No	0 Primary Over-Voltage
VES021	1405	'50719629_/_2066289'	0	0	0	0	0	2.5	0	0 No	0 Primary Over-Voltage
VES021	1406	'2066258_/_2066272'	0	0	0	0	0	2.5	0	0 No	0 Primary Over-Voltage
VES021	1407	'2066241_/_2066255'	0	0	0	0	0	2.5	0	0 No	0 Primary Over-Voltage
VES021	1408	'2066224_/_2066238'	0	0	0	0	0	2.5	0	0 No	0 Primary Over-Voltage
VES021	1409	'2066204_/_2066221'	0	0	0	0	0	2.5	0	0 No	0 Primary Over-Voltage
VES021	1410	'2066187_/_2066201'	0	0	0	0	0	2.5	0	0 No	0 Primary Over-Voltage
VES021	1411	'2066170_/_2066184'	0	0	0	0	0	2.5	0	0 No	0 Primary Over-Voltage
VES021	1412	'2066153_/_2066167'	0	0	0	0	0	2.5	0	0 No	0 Primary Over-Voltage
VES021	1413	'2066136_/_2066150'	0	0	0	0	0	2.5	0	0 No	0 Primary Over-Voltage
VES021	1414	'2066119_/_2066133'	0	0	0	0	0	2.5	0	0 No	0 Primary Over-Voltage
VES021	1415	'2066102_/_2066116'	0	0	0	0	0	2.5	0	0 No	0 Primary Over-Voltage
VES021	1416	'2066085_/_2066099'	0	0	0	0	0	2.5	0	0 No	0 Primary Over-Voltage
VES021	1417	'2066068_/_2066082'	0	0	0	0	0	2.5	0	0 No	0 Primary Over-Voltage
VES021	1418	'2066051_/_2066065'	0	0	0	0	0	2.5	0	0 No	0 Primary Over-Voltage
VES021	1419	'2066034_/_2066048'	0	0	0	0	0	2.5	0	0 No	0 Primary Over-Voltage
VES021	1420	'2066017_/_2066031'	0	0	0	0	0	2.5	0	0 No	0 Primary Over-Voltage
VES021	1421	'2066000_/_2066014'	0	0	0	0	0	2.5	0	0 No	0 Primary Over-Voltage
VES021	1422	'2065999_/_2065997'	0	0	0	0	0	2.5	0	0 No	0 Primary Over-Voltage
VES021	1423	'2066776_/_2066790'	0	0	0	0	0	2.5	0	0 No	0 Primary Over-Voltage
VES021	1424	'2066759_/_2066773'	0	0	0	0	0	2.5	0	0 No	0 Primary Over-Voltage
VES021	1425	'2066742_/_2066756'	0	0	0	0	0	2.5	0	0 No	0 Primary Over-Voltage
VES021	1426	'2066725_/_2066739'	0	0	0	0	0	2.5	0	0 No	0 Primary Over-Voltage
VES021	1427	'2066708_/_2066722'	0	0	0	0	0	2.5	0	0 No	0 Primary Over-Voltage
VES021	1428	'2066691_/_2066705'	0	0	0	0	0	2.5	0	0 No	0 Primary Over-Voltage
VES021	1429	'2066674_/_2066688'	0	0	0	0	0	2.5	0	0 No	0 Primary Over-Voltage
VES021	1430	'2066657_/_2066671'	0	0	0	0	0	2.5	0	0 No	0 Primary Over-Voltage
VES021	1431	'2066640_/_2066654'	0	0	0	0	0	2.5	0	0 No	0 Primary Over-Voltage
VES021	1432	'2066623_/_2066637'	0	0	0	0	0	2.5	0	0 No	0 Primary Over-Voltage
VES021	1433	'2066622_/_2066620'	0	0	0	0	0	2.5	0	0 No	0 Primary Over-Voltage
VES021	1434	'2060064_/_2066810'	0	0	0	0	0	2.5	0	0 No	0 Primary Over-Voltage
VES021	1435	'2060031_/_2060061'	0	0	0	0	0	2.5	0	0 No	0 Primary Over-Voltage
VES021	1436	'2060030_/_2060028'	0	0	0	0	0	0.1	0	0 No	0 Primary Over-Voltage
VES021	1437	'2060046_/_2060044'	0	0	0	0	0	2.5	0	0 No	0 Primary Over-Voltage
VES021	1438	'2066606_/_2083135'	0	0	0	0	0	2.5	0	0 No	0 Primary Over-Voltage
VES021	1439	'2066589_/_2066603'	0	0	0	0	0	2.5	0	0 No	0 Primary Over-Voltage
VES021	1440	'2083201_/_2083198'	0	0	0	0	0.83	0	0	0 No	0 Primary Over-Voltage
VES021	1441	'2066572_/_2066586'	0	0	0	0	0	2.5	0	0 No	0 Primary Over-Voltage
VES021	1442	'2083174_/_2083172_1'	0	0	0	0	0	0.1	0	0 No	0 Primary Over-Voltage
VES021	1443	'2066555_/_2066569'	0	0	0	0	0	2.5	0	0 No	0 Primary Over-Voltage
VES021	1444	'2060123_/_2060120'	0	0	0	0	0	0.1	0	0 No	0 Primary Over-Voltage
VES021	1445	'2066538_/_2066552'	0	0	0	0	0	2.5	0	0 No	0 Primary Over-Voltage
VES021	1446	'2066521_/_2066535'	0	0	0	0	0	2.5	0	0 No	0 Primary Over-Voltage
VES021	1447	'2083175_/_2083172_2'	0	0	0	0	0	0.1	0	0 No	0 Primary Over-Voltage
VES021	1448	'2066504_/_2066518'	0	0	0	0	0	2.5	0	0 No	0 Primary Over-Voltage
VES021	1449	'2066487_/_2066501'	0	0	0	0	0	2.5	0	0 No	0 Primary Over-Voltage
VES021	1450	'2060109_/_2060133'	0	0	0	0	0	0.1	0	0 No	0 Primary Over-Voltage
VES021	1451	'89291330_/_50670126_2'	0	0	0	0	0	2.5	0	0 No	0 Primary Over-Voltage
VES021	1452	'383050725_/_2083185'	0	0	0	0	0	0.1	0	0 No	0 Primary Over-Voltage
VES021	1453	'2060080_/_2060107'	0	0	0	0	0	0.1	0	0 No	0 Primary Over-Voltage
VES021	1454	'2060081_/_2060078'	0	0	0	0	0	0.1	0	0 No	0 Primary Over-Voltage
VES021	1455	'2060097_/_2060094'	0	0	0	0	0	0.1	0	0 No	0 Primary Over-Voltage
VIL021	0	'VIL021_/_1006639'	1.9	10	10	0.184	4.2	5.67	1.9 No	0.184	Thermal Discharging
VIL021	1	'1006502_/_1006639'	1.8	10	10	0.184	4.2	5.58	1.9 No	0.184	Thermal Discharging
VIL021	2	'656540394_/_656540391'	1.8	10	10	0.184	4.2	5.56	1.9 No	0.184	Thermal Discharging
VIL021	3	'656540457_/_656540415_1'	1.8	10	10	0.184	4.2	5.54	1.9 No	0.184	Thermal Discharging
VIL021	4	'656540418_/_656540415_2'	1.8	10	10	0.184	4.2	5.53	1.9 No	0.184	Thermal Discharging
VIL021	5	'656540436_/_656540433'	1.8	10	10	0.184	4.2	5.51	1.9 No	0.184	Thermal Discharging
VIL021	6	'362585557_/_1006500'	1.7	10	10	0.184	4.2	5.52	1.9 No	0.184	Thermal Discharging
VIL021	7	'49222841_/_656540593'	1.7	10	10	0.184	4.2	5.47	1.9 No	0.184	Thermal Discharging
VIL021	8	'656540607_/_656540605'	1.7	10	10	0.184	4.2	5.43	1.9 No	0.184	Thermal Discharging
VIL021	9	'1006698_/_656540627_2'	1.7	10	10	0.184	4.2	5.42	1.9 No	0.184	Thermal Discharging
VIL021	10	'970477_/_656540627_1'	1.7	10	10	0.184	4.2	5.39	1.9 No	0.184	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
VIL021	11	'42937088_/1006622'		1.6	10	10	0.184	4.2	5.43	1.9 No	0.184 Thermal Discharging
VIL021	12	'1006503_/362585559'		1.6	10	10	0.184	4.2	5.43	1.9 No	0.184 Thermal Discharging
VIL021	13	'970476_/656540651'		1.6	10	10	0.184	4.2	5.33	1.9 No	0.184 Thermal Discharging
VIL021	14	'656540675_/656540673_2'		1.6	10	10	0.184	4.2	5.26	1.9 No	0.184 Thermal Discharging
VIL021	15	'49222560_/656540673_1'		1.6	10	10	0.184	4.2	5.26	1.9 No	0.184 Thermal Discharging
VIL021	16	'987141_/656540700_2'		1.6	10	10	0.184	4.2	5.26	1.9 No	0.184 Thermal Discharging
VIL021	17	'970512_/656540700_1'		1.5	10	10	0.184	4.2	5.2	1.9 No	0.184 Thermal Discharging
VIL021	18	'970511_/656540720'		1.5	10	10	0.184	4.2	5.2	1.9 No	0.184 Thermal Discharging
VIL021	19	'1006520_/1006517'		1.5	10	10	0.184	4.2	5.29	1.9 No	0.184 Thermal Discharging
VIL021	20	'656541087_/656540869_1'		1.5	10	10	0.184	4.2	5.18	1.9 No	0.184 Thermal Discharging
VIL021	21	'656540828_/656540869_2'		1.5	10	10	0.184	4.2	5.17	1.9 No	0.184 Thermal Discharging
VIL021	22	'656540938_/656540935'		1.5	10	10	0.184	4.2	5.15	1.9 No	0.184 Thermal Discharging
VIL021	23	'7519024_/8150471_1'		1.5	10	10	0.184	1.4	5.27	1.9 No	0.184 Thermal Discharging
VIL021	24	'656541025_/656540953_1'		1.5	10	10	0.184	4.2	5.15	1.9 No	0.184 Thermal Discharging
VIL021	25	'656540956_/656540953_2'		1.5	10	10	0.184	4.2	5.13	1.9 No	0.184 Thermal Discharging
VIL021	26	'656541056_/656540969_1'		1.5	10	10	0.184	1	5.13	1.9 No	0.184 Thermal Discharging
VIL021	27	'1006466_/1006480'		1.4	10	10	0.184	4.1	5.24	1.9 No	0.184 Thermal Discharging
VIL021	28	'656540919_/656540969_2'		1.5	10	10	0.184	1	5.1	1.9 No	0.184 Thermal Discharging
VIL021	29	'8150474_/8150471_2'		1.5	10	10	0.184	1.4	5.2	1.9 No	0.184 Thermal Discharging
VIL021	30	'656541122_/970524_2'		0.93	6.67	6.67	0.12	1.7	3.39	1.27 No	0.12 Thermal Discharging
VIL021	31	'1006449_/1006463'		1.3	8	10	0.184	4.1	5.11	1.9 No	0.184 Thermal Discharging
VIL021	32	'970526_/970524_1'		0.93	5.33	6.67	0.12	0.6	3.33	1.27 No	0.12 Thermal Discharging
VIL021	33	'1006432_/1006446'		1.2	7.7	10	0.184	4.1	4.98	1.9 No	0.184 Thermal Discharging
VIL021	34	'1006553_/1006550'		1.3	7.7	10	0.184	3	4.95	1.9 No	0.184 Thermal Discharging
VIL021	35	'987170_/987168'		0.43	2.07	3.33	0.064	0.3	1.61	0.63 No	0.064 Thermal Discharging
VIL021	36	'970401_/1006604'		0.87	5.13	6.67	0.12	1.7	3.29	1.27 No	0.12 Thermal Discharging
VIL021	37	'1006540_/1006537'		0.43	3.33	3.33	0.064	1	1.63	0.63 No	0.064 Thermal Discharging
VIL021	38	'42937062_/1006429'		1.2	10	10	0.184	4.1	4.87	1.9 No	0.184 Thermal Discharging
VIL021	39	'1006573_/1006570'		1.2	10	10	0.184	3	4.83	1.9 No	0.184 Thermal Discharging
VIL021	40	'1006230_/1006412'		1.1	10	10	0.184	4.1	4.77	1.9 No	0.184 Thermal Discharging
VIL021	41	'970463_/987120'		0.8	4.13	6.67	0.12	0.6	3.14	1.27 No	0.12 Thermal Discharging
VIL021	42	'1006213_/1006227'		1.1	10	10	0.184	4.1	4.7	1.9 No	0.184 Thermal Discharging
VIL021	43	'970292_/42937114'		1.1	10	10	0.184	3	4.7	1.9 No	0.184 Thermal Discharging
VIL021	44	'459703632_/459703606_1'		0.37	3.33	3.33	0.064	0.4	1.56	0.63 No	0.064 Thermal Discharging
VIL021	45	'42937049_/1006210'		1	10	10	0.184	4.1	4.63	1.9 No	0.184 Thermal Discharging
VIL021	46	'1006246_/1006244'		1.1	10	10	0.184	3.2	4.6	1.9 No	0.184 Thermal Discharging
VIL021	47	'970360_/970357'		0.37	3.33	3.33	0.064	1	1.53	0.63 No	0.064 Thermal Discharging
VIL021	48	'970293_/970290'		1	10	10	0.184	3	4.57	1.9 No	0.184 Thermal Discharging
VIL021	49	'1006300_/1006366'		1	10	10	0.184	4.1	4.55	1.9 No	0.184 Thermal Discharging
VIL021	50	'1006181_/1006297'		1	10	10	0.184	4.1	4.51	1.9 No	0.184 Thermal Discharging
VIL021	51	'42934622_/970370'		0.37	3.33	3.33	0.064	1	1.5	0.63 No	0.064 Thermal Discharging
VIL021	52	'987097_/987107'		0.4	3.33	3.33	0.064	0.3	1.49	0.63 No	0.064 Thermal Discharging
VIL021	53	'1006318_/1006315'		0.67	5.33	6.67	0.12	2.73	2.98	1.27 No	0.12 Thermal Discharging
VIL021	54	'1006267_/1006282'		1	8	10	0.184	4.1	4.47	1.9 No	0.184 Thermal Discharging
VIL021	55	'42934587_/970307'		1	8	10	0.184	3	4.47	1.9 No	0.184 Thermal Discharging
VIL021	56	'459703609_/459703606_2'		0.33	2.67	3.33	0.064	0.4	1.48	0.63 No	0.064 Thermal Discharging
VIL021	57	'67390960_/970399'		0.67	5.27	6.67	0.12	1.7	2.99	1.27 No	0.12 Thermal Discharging
VIL021	58	'1006394_/42937077'		1	7.9	10	0.184	3.2	4.45	1.9 No	0.184 Thermal Discharging
VIL021	59	'42937027_/1006178'		0.33	2.53	3.33	0.064	1	1.47	0.63 No	0.064 Thermal Discharging
VIL021	60	'1006333_/1006330'		0.6	5.07	6.67	0.12	2.73	2.92	1.27 No	0.12 Thermal Discharging
VIL021	61	'970386_/42934624'		0.37	2.53	3.33	0.064	1	1.46	0.63 No	0.064 Thermal Discharging
VIL021	62	'937808_/42923657'		1	7.7	10	0.184	4.1	4.35	1.9 No	0.184 Thermal Discharging
VIL021	63	'970327_/42934589'		0.9	7.7	10	0.184	3	4.34	1.9 No	0.184 Thermal Discharging
VIL021	64	'937820_/1006348'		0.6	5.07	6.67	0.12	2.73	2.85	1.27 No	0.12 Thermal Discharging
VIL021	65	'1006155_/1006165'		0.33	2.5	3.33	0.064	1	1.42	0.63 No	0.064 Thermal Discharging
VIL021	66	'970495_/970492'		0.9	7.4	10	0.184	3	4.24	1.9 No	0.184 Thermal Discharging
VIL021	67	'938475_/1006194'		0.3	2.5	3.33	0.064	1.3	1.4	0.63 No	0.064 Thermal Discharging
VIL021	68	'937821_/937818'		0.3	2.47	3.33	0.064	1	1.39	0.63 No	0.064 Thermal Discharging
VIL021	69	'937876_/937873'		0.3	2.47	3.33	0.064	1	1.39	0.63 No	0.064 Thermal Discharging
VIL021	70	'42934611_/42934613'		0.3	2.47	3.33	0.064	1	1.4	0.63 No	0.064 Thermal Discharging
VIL021	71	'937795_/937805'		0.9	7.3	10	0.184	2.6	4.16	1.9 No	0.184 Thermal Discharging
VIL021	72	'42937038_/42937040'		0.33	2.43	3.33	0.064	1	1.37	0.63 No	0.064 Thermal Discharging
VIL021	73	'49222871_/7192474'		0.9	7.1	10	0.184	3	4.15	1.9 No	0.184 Thermal Discharging
VIL021	74	'999140_/7829354_1'		0.9	7.1	10	0.184	1.4	4.14	1.9 No	0.184 Thermal Discharging
VIL021	75	'987096_/987094'		0.33	2.37	3.33	0.064	0.3	1.36	0.63 No	0.064 Thermal Discharging
VIL021	76	'937892_/937889'		0.27	2.37	3.33	0.064	1	1.36	0.63 No	0.064 Thermal Discharging
VIL021	77	'42923724_/937831'		0.3	2.33	3.33	0.064	1	1.36	0.63 No	0.064 Thermal Discharging
VIL021	78	'42923678_/42923680'		0.27	2.33	3.33	0.064	1	1.35	0.63 No	0.064 Thermal Discharging
VIL021	79	'938530_/1006139'		0.33	2.3	3.33	0.064	1	1.35	0.63 No	0.064 Thermal Discharging
VIL021	80	'49222618_/970448'		0.6	4.53	6.67	0.12	1.7	2.74	1.27 No	0.12 Thermal Discharging
VIL021	81	'52116431_/52116428'		0.3	2.17	3.33	0.064	1	1.34	0.63 No	0.064 Thermal Discharging
VIL021	82	'7829357_/7829354_2'		0.8	6.5	10	0.184	1.4	4.03	1.9 No	0.184 Thermal Discharging
VIL021	83	'937782_/937792'		0.8	6.4	10	0.184	2.6	3.99	1.9 No	0.184 Thermal Discharging
VIL021	84	'937847_/42923726'		0.3	2.13	3.33	0.064	1	1.31	0.63 No	0.064 Thermal Discharging
VIL021	85	'937944_/937954'		0.27	2.13	3.33	0.064	1	1.31	0.63 No	0.064 Thermal Discharging
VIL021	86	'937003_/938527'		0.33	2.13	3.33	0.064	1	1.31	0.63 No	0.064 Thermal Discharging
VIL021	87	'7192477_/67390280'		0.3	2.13	3.33	0.064	1	1.32	0.63 No	0.064 Thermal Discharging
VIL021	88	'91428710_/937001'		0.33	2.07	3.33	0.064	1	1.3	0.63 No	0.064 Thermal Discharging
VIL021	89	'64419965_/7197213_1'		0.3	1.6	3.33	0.064	1	1.28	0.63 No	0.064 Thermal Discharging
VIL021	90	'937931_/937941'		0.27	1.63	3.33	0.064	1	1.28	0.63 No	0.064 Thermal Discharging
VIL021	91	'937860_/937857'		0.3	1.57	3.33	0.064	1	1.28	0.63 No	0.064 Thermal Discharging
VIL021	92	'938041_/7197213_2'		0.3	1.5	3.33	0.064	1	1.27	0.63 No	0.064 Thermal Discharging
VIL021	93	'937004_/91428704'		0.33	1.5	3.33	0.064	1	1.28	0.63 No	0.064 Thermal Discharging
VIL021	94	'42923667_/937928'		0.23	1.43	3.33	0.064	1	1.25	0.63 No	0.064 Thermal Discharging
VIL021	95	'91428849_/91428774'		0.33	1.37	3.33	0.064	1	1.25	0.63 No	0.064 Thermal Discharging
VIL021	96	'938715_/938712'		0.3	1.33	3.33	0.064	1	1.25	0.63 No	0.064 Thermal Discharging
VIL021	97	'42923644_/937779'		0.7	3.7	10	0.184	2.6	3.77	1.9 No	0.184 Thermal Discharging
VIL021	98	'42923711_/44078756'		0.3	1.27	3.33	0.064	1	1.23	0.63 No	0.064 Thermal Discharging
VIL021	99	'91428855_/91428799'		0.3	1.3	3.33	0.064	1	1.23	0.63 No	0.064 Thermal Discharging
VIL021	100	'937905_/937915'		0.23	1.27	3.33	0.064	1	1.22	0.63 No	0.064 Thermal Discharging
VIL021	101	'987462_/987460'		0.3	1.27	3.33	0.064	0.3	1.23	0.63 No	0.064 Thermal Discharging
VIL021	102	'970437_/49222585'		0.27	1.2	3.33	0.064	0.8	1.25	0.63 No	0.064 Thermal Discharging
VIL021	103	'91428861_/91428824'		0.3	1.2	3.33	0.064	1	1.2	0.63 No	0.064 Thermal Discharging
VIL021	104	'938012_/938025'		0.3	1.17	3.33	0.064	1	1.2	0.63 No	0.064 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over- Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
VIL021	105	'91429304_/_91429113_1'	0.3	1.17	3.33	0.064	0.4	1.2	0.63 No	0.064	Thermal Discharging
VIL021	106	'937419_/_937902'	0.23	1.17	3.33	0.064	1	1.19	0.63 No	0.064	Thermal Discharging
VIL021	107	'938053_/_938051'	0.3	1.13	3.33	0.064	1	1.18	0.63 No	0.064	Thermal Discharging
VIL021	108	'937756_/_937766'	0.7	3.3	10	0.184	2.6	3.61	1.9 No	0.184	Thermal Discharging
VIL021	109	'937999_/_938009'	0.3	1.1	3.33	0.064	1	1.17	0.63 No	0.064	Thermal Discharging
VIL021	110	'937418_/_937416'	0.23	1.1	3.33	0.064	1	1.17	0.63 No	0.064	Thermal Discharging
VIL021	111	'42923689_/_938116'	0.3	1.07	3.33	0.064	1	1.16	0.63 No	0.064	Thermal Discharging
VIL021	112	'91429102_/_91429113_2'	0.27	1.07	3.33	0.064	0.4	1.15	0.63 No	0.064	Thermal Discharging
VIL021	113	'42923700_/_42923702'	0.3	1	3.33	0.064	1	1.14	0.63 No	0.064	Thermal Discharging
VIL021	114	'938132_/_42923691'	0.3	1	3.33	0.064	1	1.13	0.63 No	0.064	Thermal Discharging
VIL021	115	'937743_/_937753'	0.7	3	10	0.184	2.6	3.48	1.9 No	0.184	Thermal Discharging
VIL021	116	'344578059_/_344578061'	0.27	1	3.33	0.064	0.3	1.13	0.63 No	0.064	Thermal Discharging
VIL021	117	'938145_/_938142'	0.27	0.97	3.33	0.064	1	1.11	0.63 No	0.064	Thermal Discharging
VIL021	118	'938354_/_970435'	0.23	0.97	3.33	0.064	0.8	1.14	0.63 No	0.064	Thermal Discharging
VIL021	119	'122800502_/_122800499'	0.6	2.8	10	0.184	2.6	3.4	1.9 No	0.184	Thermal Discharging
VIL021	120	'938313_/_938310'	0.27	0.93	3.33	0.064	1	1.09	0.63 No	0.064	Thermal Discharging
VIL021	121	'122800519_/_122800516'	0.6	2.7	10	0.184	2.6	3.32	1.9 No	0.184	Thermal Discharging
VIL021	122	'937970_/_937983'	0.27	0.9	3.33	0.064	0.9	1.08	0.63 No	0.064	Thermal Discharging
VIL021	123	'937969_/_937967'	0.27	0.87	3.33	0.064	0.9	1.07	0.63 No	0.064	Thermal Discharging
VIL021	124	'938329_/_938326'	0.27	0.87	3.33	0.064	1	1.05	0.63 No	0.064	Thermal Discharging
VIL021	125	'91429190_/_91429201'	0.23	0.87	3.33	0.064	0.4	1.05	0.63 No	0.064	Thermal Discharging
VIL021	126	'938066_/_938064'	0.27	0.83	3.33	0.064	0.9	1.04	0.63 No	0.064	Thermal Discharging
VIL021	127	'938355_/_938352'	0.2	0.8	3.33	0.064	0.8	1.05	0.63 No	0.064	Thermal Discharging
VIL021	128	'937286_/_937296'	0.2	0.77	3.33	0.064	0.8	1.03	0.63 No	0.064	Thermal Discharging
VIL021	129	'42923735_/_938077'	0.23	0.77	3.33	0.064	0.9	1	0.63 No	0.064	Thermal Discharging
VIL021	130	'938093_/_42923737'	0.23	0.7	3.33	0.064	0.9	0.96	0.63 No	0.064	Thermal Discharging
VIL021	131	'938368_/_938365'	0.2	0.7	3.33	0.064	0.8	0.97	0.63 No	0.064	Thermal Discharging
VIL021	132	'937273_/_937283'	0.2	0.7	3.33	0.064	0.8	0.96	0.63 No	0.064	Thermal Discharging
VIL021	133	'938380_/_938459'	0.17	0.67	3.33	0.064	0.8	0.94	0.63 No	0.064	Thermal Discharging
VIL021	134	'449967839_/_449967841'	0.2	0.67	3.33	0.064	0.3	0.91	0.63 No	0.064	Thermal Discharging
VIL021	135	'938381_/_938378'	0.17	0.67	3.33	0.064	0.8	0.92	0.63 No	0.064	Thermal Discharging
VIL021	136	'42923746_/_938103'	0.2	0.63	3.33	0.064	0.9	0.91	0.63 No	0.064	Thermal Discharging
VIL021	137	'936977_/_938569'	0.17	0.67	3.33	0.064	0.8	0.91	0.63 No	0.064	Thermal Discharging
VIL021	138	'937257_/_937270'	0.2	0.63	3.33	0.064	0.8	0.91	0.63 No	0.064	Thermal Discharging
VIL021	139	'596045307_/_970461'	0.17	0.67	3.33	0.064	0.3	0.88	0.63 No	0.064	Thermal Discharging
VIL021	140	'596045373_/_596045355_1'	0.17	0.67	3.33	0.064	0.1	0.88	0.63 No	0.064	Thermal Discharging
VIL021	141	'449265616_/_449265613'	0.17	0.63	3.33	0.064	0.3	0.89	0.63 No	0.064	Thermal Discharging
VIL021	142	'42923779_/_938391'	0.17	0.63	3.33	0.064	0.8	0.9	0.63 No	0.064	Thermal Discharging
VIL021	143	'42923328_/_936975'	0.17	0.63	3.33	0.064	0.8	0.89	0.63 No	0.064	Thermal Discharging
VIL021	144	'449265632_/_449265629'	0.17	0.63	3.33	0.064	0.3	0.86	0.63 No	0.064	Thermal Discharging
VIL021	145	'42923339_/_936988'	0.17	0.6	3.33	0.064	0.8	0.87	0.63 No	0.064	Thermal Discharging
VIL021	146	'42923790_/_42923781'	0.17	0.6	3.33	0.064	0.8	0.87	0.63 No	0.064	Thermal Discharging
VIL021	147	'938158_/_42923748'	0.2	0.6	3.33	0.064	0.9	0.87	0.63 No	0.064	Thermal Discharging
VIL021	148	'970464_/_596045311'	0.17	0.63	3.33	0.064	0.3	0.85	0.63 No	0.064	Thermal Discharging
VIL021	149	'42934576_/_987065'	0.17	0.63	3.33	0.064	0.3	0.84	0.63 No	0.064	Thermal Discharging
VIL021	150	'596045339_/_596045355_2'	0.17	0.6	3.33	0.064	0.1	0.84	0.63 No	0.064	Thermal Discharging
VIL021	151	'987068_/_9373466_1'	0.17	0.63	3.33	0.064	0.1	0.84	0.63 No	0.064	Thermal Discharging
VIL021	152	'449265648_/_449265645'	0.17	0.6	3.33	0.064	0.3	0.84	0.63 No	0.064	Thermal Discharging
VIL021	153	'938420_/_42923792'	0.17	0.6	3.33	0.064	0.8	0.85	0.63 No	0.064	Thermal Discharging
VIL021	154	'42924197_/_938660'	0.17	0.6	3.33	0.064	0.8	0.85	0.63 No	0.064	Thermal Discharging
VIL021	155	'45302792_/_938673'	0.17	0.57	3.33	0.064	0.8	0.84	0.63 No	0.064	Thermal Discharging
VIL021	156	'938433_/_938430'	0.17	0.57	3.33	0.064	0.8	0.84	0.63 No	0.064	Thermal Discharging
VIL021	157	'987476_/_449265661'	0.17	0.57	3.33	0.064	0.3	0.82	0.63 No	0.064	Thermal Discharging
VIL021	158	'7199335_/_9097653_1'	0.17	0.57	3.33	0.064	0.1	0.81	0.63 No	0.064	Thermal Discharging
VIL021	159	'449969117_/_9097653_2'	0.17	0.57	3.33	0.064	0.1	0.81	0.63 No	0.064	Thermal Discharging
VIL021	160	'144166800_/_938446'	0.17	0.57	3.33	0.064	0.8	0.81	0.63 No	0.064	Thermal Discharging
VIL021	161	'9373469_/_9373466_2'	0.17	0.57	3.33	0.064	0.1	0.8	0.63 No	0.064	Thermal Discharging
VIL021	162	'42923757_/_938197'	0.2	0.53	3.33	0.064	0.9	0.81	0.63 No	0.064	Thermal Discharging
VIL021	163	'449265681_/_449265678'	0.17	0.57	3.33	0.064	0.3	0.8	0.63 No	0.064	Thermal Discharging
VIL021	164	'144166943_/_144166940'	0.17	0.57	3.33	0.064	0.8	0.81	0.63 No	0.064	Thermal Discharging
VIL021	165	'144166839_/_144166802'	0.13	0.53	3.33	0.064	0.8	0.8	0.63 No	0.064	Thermal Discharging
VIL021	166	'433962573_/_433962570'	0.17	0.53	3.33	0.064	0.9	0.8	0.63 No	0.064	Thermal Discharging
VIL021	167	'987475_/_449265694'	0.17	0.53	3.33	0.064	0.3	0.78	0.63 No	0.064	Thermal Discharging
VIL021	168	'144166879_/_144166841'	0.13	0.53	3.33	0.064	0.8	0.78	0.63 No	0.064	Thermal Discharging
VIL021	169	'350719362_/_987081'	0.13	0.53	3.33	0.064	0.3	0.76	0.63 No	0.064	Thermal Discharging
VIL021	170	'350719482_/_350719443_1'	0.13	0.53	3.33	0.064	0.1	0.76	0.63 No	0.064	Thermal Discharging
VIL021	171	'449265877_/_449265874'	0.13	0.53	3.33	0.064	0.3	0.76	0.63 No	0.064	Thermal Discharging
VIL021	172	'42923801_/_144166881'	0.13	0.53	3.33	0.064	0.8	0.77	0.63 No	0.064	Thermal Discharging
VIL021	173	'9097656_/_449969123'	0.13	0.53	3.33	0.064	0.1	0.75	0.63 No	0.064	Thermal Discharging
VIL021	174	'987436_/_987629'	0.13	0.53	3.33	0.064	0.3	0.75	0.63 No	0.064	Thermal Discharging
VIL021	175	'449265893_/_449265890'	0.13	0.5	3.33	0.064	0.3	0.74	0.63 No	0.064	Thermal Discharging
VIL021	176	'938171_/_938181'	0.17	0.5	3.33	0.064	0.9	0.75	0.63 No	0.064	Thermal Discharging
VIL021	177	'331873269_/_331873266'	0.13	0.5	3.33	0.064	0.8	0.75	0.63 No	0.064	Thermal Discharging
VIL021	178	'505779691_/_331873282'	0.13	0.5	3.33	0.064	0.8	0.74	0.63 No	0.064	Thermal Discharging
VIL021	179	'938170_/_938168'	0.17	0.5	3.33	0.064	0.9	0.74	0.63 No	0.064	Thermal Discharging
VIL021	180	'938212_/_938210'	0.17	0.5	3.33	0.064	0.9	0.74	0.63 No	0.064	Thermal Discharging
VIL021	181	'449265909_/_449265906'	0.13	0.5	3.33	0.064	0.3	0.72	0.63 No	0.064	Thermal Discharging
VIL021	182	'350719424_/_350719443_2'	0.13	0.5	3.33	0.064	0.1	0.72	0.63 No	0.064	Thermal Discharging
VIL021	183	'331873285_/_505779695'	0.13	0.5	3.33	0.064	0.8	0.73	0.63 No	0.064	Thermal Discharging
VIL021	184	'49222235_/_492222203'	0.17	0.47	3.33	0.064	0.9	0.72	0.63 No	0.064	Thermal Discharging
VIL021	185	'449265925_/_449265922'	0.13	0.47	3.33	0.064	0.3	0.71	0.63 No	0.064	Thermal Discharging
VIL021	186	'938242_/_938239'	0.17	0.47	3.33	0.064	0.9	0.72	0.63 No	0.064	Thermal Discharging
VIL021	187	'937513_/_938226'	0.17	0.47	3.33	0.064	0.9	0.71	0.63 No	0.064	Thermal Discharging
VIL021	188	'449265941_/_449265938'	0.13	0.47	3.33	0.064	0.3	0.69	0.63 No	0.064	Thermal Discharging
VIL021	189	'938258_/_938255'	0.17	0.47	3.33	0.064	0.9	0.7	0.63 No	0.064	Thermal Discharging
VIL021	190	'987084_/_350719369'	0.13	0.47	3.33	0.064	0.3	0.68	0.63 No	0.064	Thermal Discharging
VIL021	191	'937500_/_937510'	0.17	0.43	3.33	0.064	0.9	0.7	0.63 No	0.064	Thermal Discharging
VIL021	192	'449265957_/_449265954'	0.13	0.43	3.33	0.064	0.3	0.67	0.63 No	0.064	Thermal Discharging
VIL021	193	'938274_/_938271'	0.17	0.43	3.33	0.064	0.9	0.69	0.63 No	0.064	Thermal Discharging
VIL021	194	'938287_/_938284'	0.17	0.43	3.33	0.064	0.9	0.68	0.63 No	0.064	Thermal Discharging
VIL021	195	'937487_/_937497'	0.17	0.43	3.33	0.064	0.9	0.68	0.63 No	0.064	Thermal Discharging
VIL021	196	'8149092_/_8459074_1'	0.17	0.43	3.33	0.064	0.1	0.68	0.63 No	0.064	Thermal Discharging
VIL021	197	'449265973_/_449265970'	0.13	0.43	3.33	0.064	0.3	0.66	0.63 No	0.064	Thermal Discharging
VIL021	198	'938300_/_938297'	0.13	0.43	3.33	0.064	0.9	0.67	0.63 No	0.064	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over- Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
VIL021	199	'451356904___/8459074_2'		0.13	0.43	3.33	0.064	0.1	0.67	0.63 No	0.064 Thermal Discharging
VIL021	200	'49222487___/49222454'		0.17	0.43	3.33	0.064	0.9	0.66	0.63 No	0.064 Thermal Discharging
VIL021	201	'449265989___/449265986'		0.13	0.43	3.33	0.064	0.3	0.65	0.63 No	0.064 Thermal Discharging
VIL021	202	'42923768___/938339'		0.13	0.43	3.33	0.064	0.9	0.66	0.63 No	0.064 Thermal Discharging
VIL021	203	'987384___/987421'		0.1	0.43	3.33	0.064	0.3	0.65	0.63 No	0.064 Thermal Discharging
VIL021	204	'459785003___/459785000'		0.13	0.43	3.33	0.064	0.9	0.65	0.63 No	0.064 Thermal Discharging
VIL021	205	'937461___/937484'		0.13	0.4	3.33	0.064	0.9	0.65	0.63 No	0.064 Thermal Discharging
VIL021	206	'459785056___/459785053'		0.13	0.4	3.33	0.064	0.9	0.65	0.63 No	0.064 Thermal Discharging
VIL021	207	'239299984___/938725'		0.13	0.4	3.33	0.064	0.9	0.65	0.63 No	0.064 Thermal Discharging
VIL021	208	'449266005___/449266002'		0.13	0.43	3.33	0.064	0.3	0.63	0.63 No	0.064 Thermal Discharging
VIL021	209	'42923317___/987408'		0.1	0.43	3.33	0.064	0.3	0.63	0.63 No	0.064 Thermal Discharging
VIL021	210	'239299915___/239299912'		0.13	0.4	3.33	0.064	0.9	0.64	0.63 No	0.064 Thermal Discharging
VIL021	211	'937448___/937458'		0.13	0.4	3.33	0.064	0.9	0.64	0.63 No	0.064 Thermal Discharging
VIL021	212	'449266021___/449266018'		0.1	0.4	3.33	0.064	0.3	0.62	0.63 No	0.064 Thermal Discharging
VIL021	213	'239299929___/239299926'		0.13	0.4	3.33	0.064	0.9	0.63	0.63 No	0.064 Thermal Discharging
VIL021	214	'987437___/987434'		0.1	0.4	3.33	0.064	0.3	0.62	0.63 No	0.064 Thermal Discharging
VIL021	215	'937435___/937445'		0.13	0.4	3.33	0.064	0.9	0.63	0.63 No	0.064 Thermal Discharging
VIL021	216	'8459077___/451356926'		0.13	0.4	3.33	0.064	0.1	0.62	0.63 No	0.064 Thermal Discharging
VIL021	217	'42923213___/42923215'		0.1	0.4	3.33	0.064	0.3	0.61	0.63 No	0.064 Thermal Discharging
VIL021	218	'449266037___/449266034'		0.1	0.4	3.33	0.064	0.3	0.61	0.63 No	0.064 Thermal Discharging
VIL021	219	'937434___/937432'		0.13	0.4	3.33	0.064	0.9	0.61	0.63 No	0.064 Thermal Discharging
VIL021	220	'937538___/937536'		0.13	0.4	3.33	0.064	0.9	0.61	0.63 No	0.064 Thermal Discharging
VIL021	221	'449266053___/449266050'		0.1	0.4	3.33	0.064	0.3	0.59	0.63 No	0.064 Thermal Discharging
VIL021	222	'937552___/937549'		0.13	0.37	3.33	0.064	0.9	0.6	0.63 No	0.064 Thermal Discharging
VIL021	223	'49222416___/49222383'		0.13	0.37	3.33	0.064	0.9	0.6	0.63 No	0.064 Thermal Discharging
VIL021	224	'449266104___/449266066'		0.1	0.37	3.33	0.064	0.3	0.58	0.63 No	0.064 Thermal Discharging
VIL021	225	'938559___/938608'		0.13	0.37	3.33	0.064	0.9	0.59	0.63 No	0.064 Thermal Discharging
VIL021	226	'449266155___/449266152'		0.1	0.37	3.33	0.064	0.3	0.58	0.63 No	0.064 Thermal Discharging
VIL021	227	'42923542___/937591'		0.13	0.37	3.33	0.064	0.9	0.59	0.63 No	0.064 Thermal Discharging
VIL021	228	'987450___/987616'		0.1	0.37	3.33	0.064	0.3	0.57	0.63 No	0.064 Thermal Discharging
VIL021	229	'937068___/938556'		0.13	0.37	3.33	0.064	0.9	0.58	0.63 No	0.064 Thermal Discharging
VIL021	230	'42923553___/937562'		0.13	0.37	3.33	0.064	0.9	0.57	0.63 No	0.064 Thermal Discharging
VIL021	231	'42923454___/987447'		0.1	0.37	3.33	0.064	0.3	0.56	0.63 No	0.064 Thermal Discharging
VIL021	232	'937069___/937066'		0.13	0.37	3.33	0.064	0.9	0.57	0.63 No	0.064 Thermal Discharging
VIL021	233	'987330___/42923456'		0.1	0.37	3.33	0.064	0.3	0.56	0.63 No	0.064 Thermal Discharging
VIL021	234	'937581___/42923555'		0.13	0.37	3.33	0.064	0.9	0.56	0.63 No	0.064 Thermal Discharging
VIL021	235	'76716081___/987327'		0.1	0.37	3.33	0.064	0.3	0.55	0.63 No	0.064 Thermal Discharging
VIL021	236	'42923191___/42923193'		0.1	0.37	3.33	0.064	0.3	0.55	0.63 No	0.064 Thermal Discharging
VIL021	237	'987385___/987382'		0.1	0.37	3.33	0.064	0.3	0.55	0.63 No	0.064 Thermal Discharging
VIL021	238	'937082___/937079'		0.13	0.33	3.33	0.064	0.9	0.56	0.63 No	0.064 Thermal Discharging
VIL021	239	'42923306___/987395'		0.1	0.37	3.33	0.064	0.3	0.55	0.63 No	0.064 Thermal Discharging
VIL021	240	'49222137___/937105'		0.13	0.33	3.33	0.064	0.9	0.55	0.63 No	0.064 Thermal Discharging
VIL021	241	'449968540___/449968542'		0.1	0.33	3.33	0.064	0.3	0.53	0.63 No	0.064 Thermal Discharging
VIL021	242	'937108___/49187756'		0.13	0.33	3.33	0.064	0.9	0.54	0.63 No	0.064 Thermal Discharging
VIL021	243	'937121___/937118'		0.13	0.33	3.33	0.064	0.9	0.53	0.63 No	0.064 Thermal Discharging
VIL021	244	'449968502___/449968504'		0.1	0.33	3.33	0.064	0.3	0.52	0.63 No	0.064 Thermal Discharging
VIL021	245	'937134___/937131'		0.13	0.33	3.33	0.064	0.9	0.52	0.63 No	0.064 Thermal Discharging
VIL021	246	'937159___/938738'		0.13	0.33	3.33	0.064	0.9	0.52	0.63 No	0.064 Thermal Discharging
VIL021	247	'937244___/937254'		0.1	0.33	3.33	0.064	0.8	0.53	0.63 No	0.064 Thermal Discharging
VIL021	248	'42923498___/937157'		0.13	0.33	3.33	0.064	0.9	0.52	0.63 No	0.064 Thermal Discharging
VIL021	249	'937147___/937144'		0.13	0.33	3.33	0.064	0.9	0.52	0.63 No	0.064 Thermal Discharging
VIL021	250	'539106513___/937241'		0.1	0.3	3.33	0.064	0.8	0.52	0.63 No	0.064 Thermal Discharging
VIL021	251	'449968464___/449968466'		0.1	0.33	3.33	0.064	0.3	0.51	0.63 No	0.064 Thermal Discharging
VIL021	252	'937393___/937390'		0.1	0.3	3.33	0.064	0.8	0.52	0.63 No	0.064 Thermal Discharging
VIL021	253	'938754___/42923500'		0.1	0.3	3.33	0.064	0.8	0.5	0.63 No	0.064 Thermal Discharging
VIL021	254	'121821061___/937403'		0.1	0.3	3.33	0.064	0.8	0.51	0.63 No	0.064 Thermal Discharging
VIL021	255	'449968426___/449968428'		0.1	0.3	3.33	0.064	0.3	0.49	0.63 No	0.064 Thermal Discharging
VIL021	256	'386158650___/386158605_1'		0.1	0.3	3.33	0.064	0.4	0.51	0.63 No	0.064 Thermal Discharging
VIL021	257	'539106512___/937228'		0.1	0.3	3.33	0.064	0.8	0.51	0.63 No	0.064 Thermal Discharging
VIL021	258	'937175___/938764'		0.1	0.3	3.33	0.064	0.8	0.49	0.63 No	0.064 Thermal Discharging
VIL021	259	'449968388___/449968390'		0.1	0.3	3.33	0.064	0.3	0.48	0.63 No	0.064 Thermal Discharging
VIL021	260	'539106498___/42923533'		0.1	0.3	3.33	0.064	0.8	0.49	0.63 No	0.064 Thermal Discharging
VIL021	261	'937176___/937173'		0.1	0.3	3.33	0.064	0.8	0.48	0.63 No	0.064 Thermal Discharging
VIL021	262	'987303___/987301'		0.07	0.3	3.33	0.064	0.3	0.47	0.63 No	0.064 Thermal Discharging
VIL021	263	'539106270___/937212'		0.1	0.3	3.33	0.064	0.8	0.48	0.63 No	0.064 Thermal Discharging
VIL021	264	'386158586___/386158605_2'		0.1	0.3	3.33	0.064	0.4	0.48	0.63 No	0.064 Thermal Discharging
VIL021	265	'937189___/937186'		0.1	0.3	3.33	0.064	0.8	0.47	0.63 No	0.064 Thermal Discharging
VIL021	266	'449266462___/449266444'		0.07	0.3	3.33	0.064	0.3	0.46	0.63 No	0.064 Thermal Discharging
VIL021	267	'539106271___/937335'		0.07	0.3	3.33	0.064	0.8	0.48	0.63 No	0.064 Thermal Discharging
VIL021	268	'539106612___/122190981'		0.07	0.3	3.33	0.064	0.8	0.48	0.63 No	0.064 Thermal Discharging
VIL021	269	'539106360___/937351'		0.07	0.27	3.33	0.064	0.8	0.47	0.63 No	0.064 Thermal Discharging
VIL021	270	'987343___/449266460'		0.07	0.3	3.33	0.064	0.3	0.46	0.63 No	0.064 Thermal Discharging
VIL021	271	'937202___/937199'		0.1	0.27	3.33	0.064	0.8	0.46	0.63 No	0.064 Thermal Discharging
VIL021	272	'539106424___/937014'		0.07	0.27	3.33	0.064	0.8	0.47	0.63 No	0.064 Thermal Discharging
VIL021	273	'449266292___/449266296'		0.07	0.27	3.33	0.064	0.3	0.45	0.63 No	0.064 Thermal Discharging
VIL021	274	'539106476___/937364'		0.07	0.27	3.33	0.064	0.8	0.47	0.63 No	0.064 Thermal Discharging
VIL021	275	'42923575___/938582'		0.1	0.27	3.33	0.064	0.8	0.46	0.63 No	0.064 Thermal Discharging
VIL021	276	'539106459___/937377'		0.07	0.27	3.33	0.064	0.8	0.46	0.63 No	0.064 Thermal Discharging
VIL021	277	'539106449___/42923478'		0.07	0.27	3.33	0.064	0.8	0.46	0.63 No	0.064 Thermal Discharging
VIL021	278	'539106548___/937040'		0.07	0.27	3.33	0.064	0.8	0.46	0.63 No	0.064 Thermal Discharging
VIL021	279	'539106404___/42923489'		0.07	0.27	3.33	0.064	0.8	0.46	0.63 No	0.064 Thermal Discharging
VIL021	280	'937607___/42923577'		0.1	0.27	3.33	0.064	0.8	0.45	0.63 No	0.064 Thermal Discharging
VIL021	281	'539106413___/60382257'		0.07	0.27	3.33	0.064	0.8	0.45	0.63 No	0.064 Thermal Discharging
VIL021	282	'42923564___/937620'		0.1	0.27	3.33	0.064	0.8	0.43	0.63 No	0.064 Thermal Discharging
VIL021	283	'42923180___/987590'		0.07	0.27	3.33	0.064	0.3	0.42	0.63 No	0.064 Thermal Discharging
VIL021	284	'987278___/42923170'		0.07	0.27	3.33	0.064	0.3	0.42	0.63 No	0.064 Thermal Discharging
VIL021	285	'42923587___/42923566'		0.1	0.23	3.33	0.064	0.8	0.42	0.63 No	0.064 Thermal Discharging
VIL021	286	'937649___/937646'		0.1	0.23	3.33	0.064	0.8	0.41	0.63 No	0.064 Thermal Discharging
VIL021	287	'937662___/937659'		0.1	0.23	3.33	0.064	0.8	0.41	0.63 No	0.064 Thermal Discharging
VIL021	288	'42923598___/937675'		0.1	0.23	3.33	0.064	0.8	0.4	0.63 No	0.064 Thermal Discharging
VIL021	289	'42923609___/42923600'		0.1	0.23	3.33	0.064	0.8	0.39	0.63 No	0.064 Thermal Discharging
VIL021	290	'31376901___/42923611_1'		0.07	0.23	3.33	0.064	0.8	0.38	0.63 No	0.064 Thermal Discharging
VIL021	291	'937704___/42923611_2'		0.07	0.23	3.33	0.064	0.8	0.38	0.63 No	0.064 Thermal Discharging
VIL021	292	'987265___/987275'		0.07	0.23	3.33	0.064	0.3	0.37	0.63 No	0.064 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary	Regulator	Thermal	Element Fault	Breaker Reach	Unintentional	Hosting Capacity		
				Voltage Deviation						Voltage Deviation	Discharging	Islanding
VIL021	293	'937717_/_937714'	0.07	0.23	3.33	0.064	0.8	0.37	0.63	No	0.064 Thermal Discharging	
VIL021	294	'348058021_/_348058023'	0.07	0.23	3.33	0.064	0.3	0.37	0.63	No	0.064 Thermal Discharging	
VIL021	295	'42923157_/_987262'	0.07	0.23	3.33	0.064	0.3	0.36	0.63	No	0.064 Thermal Discharging	
VIL021	296	'42923622_/_937727'	0.07	0.2	3.33	0.064	0.8	0.37	0.63	No	0.064 Thermal Discharging	
VIL021	297	'348057975_/_348057977'	0.07	0.2	3.33	0.064	0.3	0.36	0.63	No	0.064 Thermal Discharging	
VIL021	298	'352774635_/_352774637'	0.07	0.2	3.33	0.064	0.3	0.36	0.63	No	0.064 Thermal Discharging	
VIL021	299	'987239_/_987249'	0.07	0.2	3.33	0.064	0.3	0.36	0.63	No	0.064 Thermal Discharging	
VIL021	300	'938490_/_42923624'	0.07	0.2	3.33	0.064	0.8	0.36	0.63	No	0.064 Thermal Discharging	
VIL021	301	'987213_/_987236'	0.07	0.2	3.33	0.064	0.3	0.35	0.63	No	0.064 Thermal Discharging	
VIL021	302	'938491_/_938488'	0.07	0.2	3.33	0.064	0.8	0.35	0.63	No	0.064 Thermal Discharging	
VIL021	303	'7198630_/_9096727_2'	0.07	0.2	3.33	0.064	0.8	0.35	0.63	No	0.064 Thermal Discharging	
VIL021	304	'39087390_/_9405220_1'	0.07	0.2	3.33	0.064	0.1	0.35	0.63	No	0.064 Thermal Discharging	
VIL021	305	'987225_/_42923148'	0.07	0.2	3.33	0.064	0.3	0.35	0.63	No	0.064 Thermal Discharging	
VIL021	306	'7197050_/_7197047'	0.07	0.2	3.33	0.064	0.8	0.35	0.63	No	0.064 Thermal Discharging	
VIL021	307	'347491842_/_347491844'	0.07	0.2	3.33	0.064	0.3	0.34	0.63	No	0.064 Thermal Discharging	
VIL021	308	'9096729_/_9096727_1'	0.07	0.2	3.33	0.064	0.1	0.35	0.63	No	0.064 Thermal Discharging	
VIL021	309	'9096713_/_9405220_2'	0.07	0.2	3.33	0.064	0.1	0.35	0.63	No	0.064 Thermal Discharging	
VIL021	310	'7828692_/_9096711'	0.07	0.2	3.33	0.064	0.1	0.35	0.63	No	0.064 Thermal Discharging	
VIL021	311	'7828693_/_7828690'	0.07	0.2	3.33	0.064	0.1	0.34	0.63	No	0.064 Thermal Discharging	
VIL021	312	'8149108_/_8149105'	0.07	0.2	3.33	0.064	0.1	0.34	0.63	No	0.064 Thermal Discharging	
VIL021	313	'394117755_/_394117774'	0.07	0.2	3.33	0.064	0.1	0.34	0.63	No	0.064 Thermal Discharging	
VIL021	314	'8778207_/_8778204'	0.07	0.2	3.33	0.064	0.1	0.34	0.63	No	0.064 Thermal Discharging	
VIL021	315	'478551202_/_478551206'	0.07	0.2	3.33	0.064	0.3	0.33	0.63	No	0.064 Thermal Discharging	
VIL021	316	'478551144_/_478551148'	0.07	0.2	3.33	0.064	0.3	0.32	0.63	No	0.064 Thermal Discharging	
VIL021	317	'42923135_/_987210'	0.07	0.2	3.33	0.064	0.3	0.32	0.63	No	0.064 Thermal Discharging	
VIL021	318	'467028411_/_466160401_1'	0.07	0.2	3.33	0.064	0.1	0.32	0.63	No	0.064 Thermal Discharging	
VIL021	319	'478551091_/_478551095'	0.07	0.2	3.33	0.064	0.3	0.32	0.63	No	0.064 Thermal Discharging	
VIL021	320	'466160380_/_466160401_2'	0.03	0.2	3.33	0.064	0.1	0.32	0.63	No	0.03 Primary Over-Voltage	
VIL021	321	'49187733_/_42923137'	0.03	0.2	3.33	0.064	0.3	0.32	0.63	No	0.03 Primary Over-Voltage	
VIL021	322	'970544_/_987538'	0.03	0.2	3.33	0.064	0.3	0.31	0.63	No	0.03 Primary Over-Voltage	
VIL021	323	'42923124_/_987184'	0.03	0.17	3.33	0.064	0.3	0.31	0.63	No	0.03 Primary Over-Voltage	
VIL021	324	'478551027_/_970542'	0.03	0.17	3.33	0.064	0.3	0.31	0.63	No	0.03 Primary Over-Voltage	
VIL021	325	'497642919_/_987499'	0.03	0.17	3.33	0.064	0.3	0.31	0.63	No	0.03 Primary Over-Voltage	
VIL021	326	'497642943_/_497642699_1'	0.03	0.17	3.33	0.064	0.1	0.31	0.63	No	0.03 Primary Over-Voltage	
VIL021	327	'970545_/_478551031'	0.03	0.17	3.33	0.064	0.3	0.31	0.63	No	0.03 Primary Over-Voltage	
VIL021	328	'497642683_/_497642699_2'	0.03	0.17	3.33	0.064	0.1	0.3	0.63	No	0.03 Primary Over-Voltage	
VIL021	329	'987502_/_497642923'	0.03	0.17	3.33	0.064	0.3	0.3	0.63	No	0.03 Primary Over-Voltage	
VIL021	330	'987488_/_987486'	0.03	0.17	3.33	0.064	0.3	0.3	0.63	No	0.03 Primary Over-Voltage	
VIL021	331	'987515_/_987512'	0.03	0.17	3.33	0.064	0.3	0.29	0.63	No	0.03 Primary Over-Voltage	
VIL021	332	'42923113_/_987197'	0.03	0.17	3.33	0.064	0.3	0.27	0.63	No	0.03 Primary Over-Voltage	
VIL021	333	'987371_/_42923115'	0.03	0.17	3.33	0.064	0.3	0.27	0.63	No	0.03 Primary Over-Voltage	
VIL021	334	'7518469_/_7518467_1'	0.03	0.17	3.33	0.064	0.1	0.27	0.63	No	0.03 Primary Over-Voltage	
VIL021	335	'42923224_/_987369'	0.03	0.17	3.33	0.064	0.3	0.26	0.63	No	0.03 Primary Over-Voltage	
VIL021	336	'7518470_/_7518467_2'	0.03	0.13	3.33	0.064	0.1	0.26	0.63	No	0.03 Primary Over-Voltage	
VKG061	0	'VKG061_/_400202432'	10	10	10	0.29	10	10	10	No	0.29 Thermal Discharging	
VKG061	1	'400202374_/_400202432'	10	10	10	0.29	10	10	10	5.55	No	0.29 Thermal Discharging
VKG061	2	'358752573_/_400202382'	10	10	10	0.29	10	10	10	5.55	No	0.29 Thermal Discharging
VKG061	3	'358752574_/_358752571'	10	10	10	0.29	10	10	10	5.55	No	0.29 Thermal Discharging
VKG061	4	'358752597_/_358752595'	10	10	10	0.29	4.6	10	10	5.55	No	0.29 Thermal Discharging
VKG061	5	'358752589_/_358752587'	10	10	10	0.29	4.6	10	10	5.55	No	0.29 Thermal Discharging
VKG061	6	'358752581_/_358752579'	10	10	10	0.29	10	10	10	5.55	No	0.29 Thermal Discharging
VKG061	7	'359117845_/_358752999'	10	10	10	0.29	4.6	10	10	5.55	No	0.29 Thermal Discharging
VKG061	8	'359117795_/_359117814'	3.33	3.33	3.33	0.1	1.53	3.33	1.85	No	0.1 Thermal Discharging	
VKG061	9	'359118234_/_359118276'	3.33	3.33	3.33	0.1	1.53	3.33	1.85	No	0.1 Thermal Discharging	
VKG061	10	'8313531_/_358752955'	10	10	10	0.29	4.6	10	10	5.55	No	0.29 Thermal Discharging
VKG061	11	'385275886_/_358752751'	10	10	10	0.29	10	10	10	5.55	No	0.29 Thermal Discharging
VKG061	12	'385275929_/_385275890'	10	10	10	0.29	10	10	10	5.55	No	0.29 Thermal Discharging
VKG061	13	'386308245_/_386308441'	10	10	10	0.29	4.6	10	10	5.55	No	0.29 Thermal Discharging
VKG061	14	'7364095_/_358752980'	10	10	10	0.29	4.6	10	10	5.55	No	0.29 Thermal Discharging
VKG061	15	'359119258_/_385275933'	10	10	10	0.29	10	10	10	5.55	No	0.29 Thermal Discharging
VKG061	16	'359119253_/_359119260_1'	10	10	10	0.29	10	10	10	5.55	No	0.29 Thermal Discharging
VKG061	17	'4969124_/_359119260_2'	10	10	10	0.29	10	10	10	5.55	No	0.29 Thermal Discharging
VKG061	18	'4969141_/_353072644'	10	10	10	0.29	10	10	10	5.55	No	0.29 Thermal Discharging
VKG061	19	'568486838_/_4969155_1'	10	10	10	0.29	1.6	10	10	5.55	No	0.29 Thermal Discharging
VKG061	20	'4969158_/_4969155_2'	10	10	10	0.29	1.6	10	10	5.55	No	0.29 Thermal Discharging
VKG061	21	'532646778_/_447204349_1'	10	10	10	0.29	1.5	10	10	5.55	No	0.29 Thermal Discharging
VKG061	22	'4969175_/_4969172'	10	10	10	0.29	1.6	10	10	5.55	No	0.29 Thermal Discharging
VKG061	23	'4969192_/_4969189'	10	10	10	0.29	1.6	10	10	5.55	No	0.29 Thermal Discharging
VKG061	24	'52164489_/_52164446'	10	10	10	0.29	1.6	10	10	5.55	No	0.29 Thermal Discharging
VKG061	25	'52164519_/_52164491'	10	10	10	0.29	1.6	10	10	5.55	No	0.29 Thermal Discharging
VKG061	26	'52164544_/_52164521'	10	10	10	0.29	1.6	10	10	5.55	No	0.29 Thermal Discharging
VKG061	27	'52164575_/_52164547'	10	10	10	0.29	1.6	10	10	5.55	No	0.29 Thermal Discharging
VKG061	28	'386308241_/_359117963'	3.33	3.33	3.33	0.1	1.53	3.33	1.85	No	0.1 Thermal Discharging	
VKG061	29	'4976461_/_52164589'	10	10	10	0.29	1.6	10	10	5.55	No	0.29 Thermal Discharging
VKG061	30	'385276359_/_385276378'	3.33	3.33	3.33	0.1	1.53	3.33	1.85	No	0.1 Thermal Discharging	
VKG061	31	'114671838_/_9682146_2'	10	10	10	0.29	1.6	10	10	5.55	No	0.29 Thermal Discharging
VKG061	32	'4959630_/_4976459'	10	10	10	0.29	1.6	10	10	5.55	No	0.29 Thermal Discharging
VKG061	33	'6080183_/_7088332'	10	10	10	0.29	1.6	10	10	5.55	No	0.29 Thermal Discharging
VKG061	34	'6080184_/_6080198_1'	10	10	10	0.29	1.6	10	10	5.55	No	0.29 Thermal Discharging
VKG061	35	'8289138_/_447204349_2'	10	10	10	0.29	1.5	10	10	5.55	No	0.29 Thermal Discharging
VKG061	36	'4959631_/_4959628'	10	10	10	0.29	1.6	10	10	5.55	No	0.29 Thermal Discharging
VKG061	37	'386308274_/_359117981'	3.33	3.33	3.33	0.1	1.53	3.33	1.85	No	0.1 Thermal Discharging	
VKG061	38	'4969297_/_4972271'	10	10	10	0.29	1.6	10	10	5.55	No	0.29 Thermal Discharging
VKG061	39	'57737142_/_496929										

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
VKG061	50	'57737191_/57737168_2'		10	10	10	0.29	1.6	10	5.55 No	0.29 Thermal Discharging
VKG061	51	'7676418_/57737168_1'		10	10	10	0.29	1.4	10	5.55 No	0.29 Thermal Discharging
VKG061	52	'4966459_/4969206'		10	10	10	0.29	1.6	10	5.55 No	0.29 Thermal Discharging
VKG061	53	'43615213_/4969314'		10	10	10	0.29	1.6	10	5.55 No	0.29 Thermal Discharging
VKG061	54	'6092895_/6092893'	3.33		3.33	3.33	0.1	0.53	3.33	1.85 No	0.1 Thermal Discharging
VKG061	55	'380088140_/357523992_2'	3.33		3.33	3.33	0.1	0.53	3.33	1.85 No	0.1 Thermal Discharging
VKG061	56	'133586010_/68310664_1'	3.33		3.33	3.33	0.1	0.53	3.33	1.85 No	0.1 Thermal Discharging
VKG061	57	'4969337_/43615215'		10	10	10	0.29	1.6	10	5.55 No	0.29 Thermal Discharging
VKG061	58	'4969354_/4969351'		10	10	10	0.29	1.6	10	5.55 No	0.29 Thermal Discharging
VKG061	59	'4969371_/4969368'		10	10	10	0.29	1.6	10	5.55 No	0.29 Thermal Discharging
VKG061	60	'43615226_/4969385'		10	10	10	0.29	1.6	10	5.55 No	0.29 Thermal Discharging
VKG061	61	'8938063_/57317315'		10	10	10	0.29	1.4	10	5.55 No	0.29 Thermal Discharging
VKG061	62	'57737209_/8938061_1'		10	10	10	0.29	1.4	10	5.55 No	0.29 Thermal Discharging
VKG061	63	'4969405_/43615228'		10	10	10	0.29	1.6	10	5.55 No	0.29 Thermal Discharging
VKG061	64	'7676417_/7676415'		10	10	10	0.29	1.4	10	5.55 No	0.29 Thermal Discharging
VKG061	65	'4969425_/4969422'		10	10	10	0.29	1.6	10	5.55 No	0.29 Thermal Discharging
VKG061	66	'4969442_/4969439'		10	10	10	0.29	1.6	10	5.55 No	0.29 Thermal Discharging
VKG061	67	'4969459_/4969456'		10	10	10	0.29	1.6	10	5.55 No	0.29 Thermal Discharging
VKG061	68	'157733244_/157733215_1'	3.33		3.33	3.33	0.1	0.4	3.33	1.85 No	0.1 Thermal Discharging
VKG061	69	'4969476_/4969473'		10	10	10	0.29	1.6	10	5.55 No	0.29 Thermal Discharging
VKG061	70	'4969493_/4969490'		10	10	10	0.29	1.6	10	5.55 No	0.29 Thermal Discharging
VKG061	71	'4969510_/4969507'		10	10	10	0.29	1.6	10	5.55 No	0.29 Thermal Discharging
VKG061	72	'8622239_/447204559'		10	10	10	0.29	1.5	10	5.55 No	0.29 Thermal Discharging
VKG061	73	'358752223_/358752265'		10	10	10	0.29	4.6	10	5.55 No	0.29 Thermal Discharging
VKG061	74	'4969527_/4969524'		10	10	10	0.29	1.6	10	5.55 No	0.29 Thermal Discharging
VKG061	75	'346888946_/346888978'		10	10	10	0.29	1.6	10	5.55 No	0.29 Thermal Discharging
VKG061	76	'559787592_/447204609_1'	2.8		10	10	0.29	4.6	10	5.55 No	0.29 Thermal Discharging
VKG061	77	'4969544_/4969541'		10	10	10	0.29	1.6	10	5.55 No	0.29 Thermal Discharging
VKG061	78	'346888958_/353254600_1'		10	10	10	0.29	1.6	10	5.55 No	0.29 Thermal Discharging
VKG061	79	'43615239_/353254562'		10	10	10	0.29	1.6	10	5.55 No	0.29 Thermal Discharging
VKG061	80	'4975049_/4975385'		10	10	10	0.29	1.6	10	5.55 No	0.29 Thermal Discharging
VKG061	81	'43616711_/4975047'		10	10	10	0.29	1.6	10	5.55 No	0.29 Thermal Discharging
VKG061	82	'4975070_/4975067'		10	10	10	0.29	1.6	10	5.55 No	0.29 Thermal Discharging
VKG061	83	'7676453_/7676451_1'	3.33		3.33	3.33	0.1	0.4	3.33	1.85 No	0.1 Thermal Discharging
VKG061	84	'4975087_/4975084'		10	10	10	0.29	1.6	10	5.55 No	0.29 Thermal Discharging
VKG061	85	'67173395_/67173400'		10	10	10	0.29	1.6	10	5.55 No	0.29 Thermal Discharging
VKG061	86	'4975104_/4975101'		10	10	10	0.29	1.6	10	5.55 No	0.29 Thermal Discharging
VKG061	87	'7676454_/7676451_2'	3.33		3.33	3.33	0.1	0.4	3.33	1.85 No	0.1 Thermal Discharging
VKG061	88	'43615252_/4975121'		10	10	10	0.29	1.6	10	5.55 No	0.29 Thermal Discharging
VKG061	89	'4975141_/43615254'		10	10	10	0.29	1.6	10	5.55 No	0.29 Thermal Discharging
VKG061	90	'7360030_/157733215_2'	3.33		3.33	3.33	0.1	0.4	3.33	1.85 No	0.1 Thermal Discharging
VKG061	91	'4975158_/4975155'		10	10	10	0.29	1.6	10	5.55 No	0.29 Thermal Discharging
VKG061	92	'7359998_/597655398_1'	3.33		3.33	3.33	0.1	0.53	3.33	1.85 No	0.1 Thermal Discharging
VKG061	93	'347397620_/359117903'		10	10	10	0.29	4.6	10	5.55 No	0.29 Thermal Discharging
VKG061	94	'4975178_/4975175'		10	10	10	0.29	1.6	10	5.55 No	0.29 Thermal Discharging
VKG061	95	'7658059_/8940831'		10	10	10	0.29	4.6	10	5.55 No	0.29 Thermal Discharging
VKG061	96	'597655604_/597655398_2'	3.33		3.33	3.33	0.1	0.4	3.33	1.85 No	0.1 Thermal Discharging
VKG061	97	'7359915_/393305562_2'	3.33		3.33	3.33	0.1	0.5	3.33	1.85 No	0.1 Thermal Discharging
VKG061	98	'4975198_/4975195'		10	10	10	0.29	1.6	10	5.55 No	0.29 Thermal Discharging
VKG061	99	'4975215_/4975212'		10	10	10	0.29	1.6	10	5.55 No	0.29 Thermal Discharging
VKG061	100	'4975232_/4975229'		10	10	10	0.29	1.6	10	5.55 No	0.29 Thermal Discharging
VKG061	101	'67173452_/67173428'		10	10	10	0.29	1.6	10	5.55 No	0.29 Thermal Discharging
VKG061	102	'403759473_/67173456'		10	10	10	0.29	1.6	10	5.55 No	0.29 Thermal Discharging
VKG061	103	'67173494_/67173491'		10	10	10	0.29	1.6	10	5.55 No	0.29 Thermal Discharging
VKG061	104	'67173480_/67173484'		10	10	10	0.29	1.6	10	5.55 No	0.29 Thermal Discharging
VKG061	105	'67173466_/67173463'		10	10	10	0.29	1.6	10	5.55 No	0.29 Thermal Discharging
VKG061	106	'4975249_/4975246'		10	10	10	0.29	1.6	10	5.55 No	0.29 Thermal Discharging
VKG061	107	'7359999_/597655398_3'	3.33		3.33	3.33	0.1	0.4	3.33	1.85 No	0.1 Thermal Discharging
VKG061	108	'4975265_/4975263'		10	10	10	0.29	1.6	10	5.55 No	0.29 Thermal Discharging
VKG061	109	'7676533_/7676531_1'	3.33		3.33	3.33	0.1	0.4	3.33	1.85 No	0.1 Thermal Discharging
VKG061	110	'397527638_/358753069'		10	10	10	0.29	4.6	10	5.55 No	0.29 Thermal Discharging
VKG061	111	'4975283_/4975280'		10	10	10	0.29	1.6	10	5.55 No	0.29 Thermal Discharging
VKG061	112	'274747789_/274747763_2'	3.33		3.33	3.33	0.1	0.53	3.33	1.85 No	0.1 Thermal Discharging
VKG061	113	'7362812_/7362810_1'	3.33		3.33	3.33	0.1	0.4	3.33	1.85 No	0.1 Thermal Discharging
VKG061	114	'4975299_/4975297'		10	10	10	0.29	1.6	10	5.55 No	0.29 Thermal Discharging
VKG061	115	'9565663_/9565660'	3.33		3.33	3.33	0.1	0.4	3.33	1.85 No	0.1 Thermal Discharging
VKG061	116	'4976522_/4976519'		10	10	10	0.29	1.6	10	5.55 No	0.29 Thermal Discharging
VKG061	117	'4976539_/4976536'		10	10	10	0.29	1.6	10	5.55 No	0.29 Thermal Discharging
VKG061	118	'4976610_/43615291_3'	3.33		3.33	3.33	0.1	0.53	3.33	1.85 No	0.1 Thermal Discharging
VKG061	119	'4976556_/4976553'		10	10	10	0.29	1.6	10	5.55 No	0.29 Thermal Discharging
VKG061	120	'697031255_/43615291_2'	3.33		3.33	3.33	0.1	0.53	3.33	1.85 No	0.1 Thermal Discharging
VKG061	121	'43615276_/4976587'		10	10	10	0.29	1.6	10	5.55 No	0.29 Thermal Discharging
VKG061	122	'4976509_/4976506_2'	3.33		3.33	3.33	0.1	0.53	3.33	1.85 No	0.1 Thermal Discharging
VKG061	123	'4966484_/43615278'		10	10	10	0.29	1.6	10	5.55 No	0.29 Thermal Discharging
VKG061	124	'499252907_/353254600_2'		10	10	10	0.29	1.6	10	5.55 No	0.29 Thermal Discharging
VKG061	125	'4976668_/4976695'		10	10	10	0.29	1.6	10	5.55 No	0.29 Thermal Discharging
VKG061	126	'7676534_/7676531_2'	3.33		3.33	3.33	0.1	0.4	3.33	1.85 No	0.1 Thermal Discharging
VKG061	127	'4966472_/4966469_2'	3.33		3.33	3.33	0.1	0.53	3.33	1.85 No	0.1 Thermal Discharging
VKG061	128	'43615300_/4976678'		10	10	10	0.29	1.6	10	5.55 No	0.29 Thermal Discharging
VKG061	129	'4976496_/4976506_1'	3.33		3.33	3.33	0.1	0.4	3.33	1.85 No	0.1 Thermal Discharging
VKG061	130	'4976652_/4976649_2'	3.33		3.33	3.33	0.1	0.53	3.33	1.85 No	0.1 Thermal Discharging
VKG061	131	'7362813_/7362810_2'	3.33		3.33	3.33	0.1	0.4	3.33	1.85 No	0.1 Thermal Discharging
VKG061	132	'4975334_/4975331'		10	10	10	0.29	1.6	10	5.55 No	0.29 Thermal Discharging
VKG061	133	'43615313_/4975348'		10	10	10	0.29	1.6	10	5.55 No	0.29 Thermal Discharging
VKG061	134	'7998944_/274747763_1'	3.33		3.33	3.33	0.1	0.4	3.33	1.85 No	0.1 Thermal Discharging
VKG061	135	'4975932_/4975947'		10	10	10	0.29	1.6	10	5.55 No	0.29 Thermal Discharging
VKG061	136	'43615289_/43615291_1'	3.33		3.33	3.33	0.1	0.53	3.33	1.85 No	0.1 Thermal Discharging
VKG061	137	'37954280_/8110022'		10	10	10	0.29	1.6	10	5.55 No	0.29 Thermal Discharging
VKG061	138	'37954273_/37954277'		10	10	10	0.29	1.6	10	5.55 No	0.29 Thermal Discharging
VKG061	139	'404973495_/404973492'		10	10	10	0.29	1.6	10	5.55 No	0.29 Thermal Discharging
VKG061	140	'37954266_/37954270'		10	10	10	0.29	1.6	10	5.55 No	0.29 Thermal Discharging
VKG061	141	'37954294_/37954298'		10	10	10	0.29	1.6	10	5.55 No	0.29 Thermal Discharging
VKG061	142	'8289239_/661787715'	3.33		3.33	3.33	0.1	0.53	3.33	1.85 No	0.1 Thermal Discharging
VKG061	143	'7996236_/118577972'	3.33		3.33	3.33	0.1	0.5	3.33	1.85 No	0.1 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
VKG061	144	'8624560_/_8940041'	3.33	3.33	3.33	0.1	0.4	3.33	1.85 No	0.1	Thermal Discharging
VKG061	145	'435633410_/_435633179'	10	10	10	0.29	1.6	10	5.55 No	0.29	Thermal Discharging
VKG061	146	'4966994_/_4976493'	3.33	3.33	3.33	0.1	0.4	3.33	1.85 No	0.1	Thermal Discharging
VKG061	147	'7996477_/_157733190'	3.33	3.33	3.33	0.1	0.4	3.33	1.85 No	0.1	Thermal Discharging
VKG061	148	'4976651_/_4976649_1'	3.33	3.33	3.33	0.1	0.4	3.33	1.85 No	0.1	Thermal Discharging
VKG061	149	'4966471_/_4966469_1'	3.33	3.33	3.33	0.1	0.53	3.33	1.85 No	0.1	Thermal Discharging
VKG061	150	'7676470_/_640473704'	3.33	3.33	3.33	0.1	0.53	3.33	1.85 No	0.1	Thermal Discharging
VKG061	151	'4975038_/_4975997_1'	3.33	3.33	3.33	0.1	0.53	3.33	1.85 No	0.1	Thermal Discharging
VKG061	152	'92600658_/_4975997_2'	3.33	3.33	3.33	0.1	0.53	3.33	1.85 No	0.1	Thermal Discharging
VKG061	153	'4975025_/_4975022_2'	3.33	3.33	3.33	0.1	0.53	3.33	1.85 No	0.1	Thermal Discharging
VKG061	154	'8938151_/_488618421'	3.33	3.33	3.33	0.1	0.53	3.33	1.85 No	0.1	Thermal Discharging
VKG061	155	'92600645_/_4975894'	3.33	3.33	3.33	0.1	0.53	3.33	1.85 No	0.1	Thermal Discharging
VKG061	156	'8622274_/_597655460'	3.33	3.33	3.33	0.1	0.4	3.33	1.85 No	0.1	Thermal Discharging
VKG061	157	'7998945_/_274747744'	3.33	3.33	3.33	0.1	0.4	3.33	1.85 No	0.1	Thermal Discharging
VKG061	158	'4967019_/_4967017'	3.33	3.33	3.33	0.1	0.4	3.33	1.85 No	0.1	Thermal Discharging
VKG061	159	'708631730_/_499253093'	10	10	10	0.29	1.6	10	5.55 No	0.29	Thermal Discharging
VKG061	160	'4966981_/_4966991'	3.33	3.33	3.33	0.1	0.4	3.33	1.85 No	0.1	Thermal Discharging
VKG061	161	'4975024_/_4975022_1'	3.33	3.33	3.33	0.1	0.4	3.33	1.85 No	0.1	Thermal Discharging
VKG061	162	'708631676_/_708631790'	10	10	10	0.29	1.6	10	5.55 No	0.29	Thermal Discharging
VKG061	163	'43616645_/_43616647'	3.33	3.33	3.33	0.1	0.53	3.33	1.85 No	0.1	Thermal Discharging
VKG061	164	'7748039_/_435633428'	10	10	10	0.29	1.6	10	5.55 No	0.29	Thermal Discharging
VKG061	165	'627229062_/_4975914_1'	3.33	3.33	3.33	0.1	0.53	3.33	1.85 No	0.1	Thermal Discharging
VKG061	166	'7996237_/_68490159'	3.33	3.33	3.33	0.1	0.5	3.33	1.85 No	0.1	Thermal Discharging
VKG061	167	'43615370_/_4975914_2'	3.33	3.33	3.33	0.1	0.53	3.33	1.85 No	0.1	Thermal Discharging
VKG061	168	'43615426_/_4966835'	3.33	3.33	3.33	0.1	0.53	3.33	1.85 No	0.1	Thermal Discharging
VKG061	169	'708631712_/_708631774'	10	10	10	0.29	1.6	10	5.55 No	0.29	Thermal Discharging
VKG061	170	'4975404_/_4975402'	3.33	3.33	3.33	0.1	0.4	3.33	1.85 No	0.1	Thermal Discharging
VKG061	171	'4966967_/_4966978'	3.33	3.33	3.33	0.1	0.4	3.33	1.85 No	0.1	Thermal Discharging
VKG061	172	'374258158_/_357523992_1'	3.33	3.33	3.33	0.1	0.53	3.33	1.85 No	0.1	Thermal Discharging
VKG061	173	'43615481_/_4967030'	3.33	3.33	3.33	0.1	0.4	3.33	1.85 No	0.1	Thermal Discharging
VKG061	174	'4973223_/_4973223'	3.33	3.33	3.33	0.1	0.53	3.33	1.85 No	0.1	Thermal Discharging
VKG061	175	'8622275_/_597655469'	3.33	3.33	3.33	0.1	0.4	3.33	1.85 No	0.1	Thermal Discharging
VKG061	176	'8624561_/_8624558'	3.33	3.33	3.33	0.1	0.4	3.33	1.85 No	0.1	Thermal Discharging
VKG061	177	'7676469_/_640473695'	3.33	3.33	3.33	0.1	0.53	3.33	1.85 No	0.1	Thermal Discharging
VKG061	178	'7998961_/_646854776'	3.33	3.33	3.33	0.1	0.4	3.33	1.85 No	0.1	Thermal Discharging
VKG061	179	'7748040_/_435633239'	10	10	10	0.29	1.6	10	5.55 No	0.29	Thermal Discharging
VKG061	180	'34631603_/_708631716'	10	10	10	0.29	1.6	10	5.55 No	0.29	Thermal Discharging
VKG061	181	'4966954_/_4966965'	3.33	3.33	3.33	0.1	0.4	3.33	1.85 No	0.1	Thermal Discharging
VKG061	182	'8622258_/_56445328'	3.33	3.33	3.33	0.1	0.53	3.33	1.85 No	0.1	Thermal Discharging
VKG061	183	'4966851_/_43615428'	3.33	3.33	3.33	0.1	0.53	3.33	1.85 No	0.1	Thermal Discharging
VKG061	184	'43615470_/_4966952'	3.33	3.33	3.33	0.1	0.4	3.33	1.85 No	0.1	Thermal Discharging
VKG061	185	'385275980_/_385276305'	1.07	3.33	3.33	0.1	1.53	3.33	1.85 No	0.1	Thermal Discharging
VKG061	186	'4973181_/_4973220'	3.33	3.33	3.33	0.1	0.53	3.33	1.85 No	0.1	Thermal Discharging
VKG061	187	'385276268_/_397527550'	1.03	3.33	3.33	0.1	1.4	3.33	1.85 No	0.1	Thermal Discharging
VKG061	188	'358753097_/_359117620'	2.9	10	10	0.29	4.6	10	5.55 No	0.29	Thermal Discharging
VKG061	189	'37954322_/_435633281'	10	10	10	0.29	1.6	10	5.55 No	0.29	Thermal Discharging
VKG061	190	'37954315_/_37954319'	10	10	10	0.29	1.6	10	5.55 No	0.29	Thermal Discharging
VKG061	191	'37954336_/_37954340'	3.33	3.33	3.33	0.1	0.53	3.33	1.85 No	0.1	Thermal Discharging
VKG061	192	'399853798_/_399853795'	10	10	10	0.29	1.6	10	5.55 No	0.29	Thermal Discharging
VKG061	193	'37954308_/_37954312'	10	10	10	0.29	1.6	10	5.55 No	0.29	Thermal Discharging
VKG061	194	'8313081_/_8313078'	3.33	3.33	3.33	0.1	0.4	3.33	1.85 No	0.1	Thermal Discharging
VKG061	195	'4966647_/_4975881'	3.33	3.33	3.33	0.1	0.53	3.33	1.85 No	0.1	Thermal Discharging
VKG061	196	'4967007_/_43615483'	3.33	3.33	3.33	0.1	0.4	3.33	1.85 No	0.1	Thermal Discharging
VKG061	197	'4973194_/_4973191'	3.33	3.33	3.33	0.1	0.53	3.33	1.85 No	0.1	Thermal Discharging
VKG061	198	'4967049_/_4967046'	3.33	3.33	3.33	0.1	0.4	3.33	1.85 No	0.1	Thermal Discharging
VKG061	199	'435633374_/_435633339'	10	10	10	0.29	1.6	10	5.55 No	0.29	Thermal Discharging
VKG061	200	'8622291_/_597655478'	3.33	3.33	3.33	0.1	0.4	3.33	1.85 No	0.1	Thermal Discharging
VKG061	201	'7679810_/_499253115'	10	10	10	0.29	1.6	10	5.55 No	0.29	Thermal Discharging
VKG061	202	'43616612_/_4973178'	3.33	3.33	3.33	0.1	0.53	3.33	1.85 No	0.1	Thermal Discharging
VKG061	203	'397527645_/_385276287'	0.9	3.33	3.33	0.1	1.53	3.33	1.85 No	0.1	Thermal Discharging
VKG061	204	'7359883_/_346889070'	1.57	3.33	3.33	0.1	0.53	3.33	1.85 No	0.1	Thermal Discharging
VKG061	205	'4967117_/_4967114'	3.33	3.33	3.33	0.1	0.4	3.33	1.85 No	0.1	Thermal Discharging
VKG061	206	'43615437_/_4966861'	3.33	3.33	3.33	0.1	0.53	3.33	1.85 No	0.1	Thermal Discharging
VKG061	207	'499252890_/_499253104'	6.4	10	10	0.29	1.6	10	5.55 No	0.29	Thermal Discharging
VKG061	208	'4967006_/_4967004'	3.33	3.33	3.33	0.1	0.4	3.33	1.85 No	0.1	Thermal Discharging
VKG061	209	'7676485_/_74745658'	3.33	3.33	3.33	0.1	0.53	3.33	1.85 No	0.1	Thermal Discharging
VKG061	210	'43616634_/_4973204'	3.33	3.33	3.33	0.1	0.53	3.33	1.85 No	0.1	Thermal Discharging
VKG061	211	'7996317_/_7996314'	1.3	3.33	3.33	0.1	0.5	3.33	1.85 No	0.1	Thermal Discharging
VKG061	212	'7676381_/_358753101'	2.7	10	10	0.29	4.6	10	5.55 No	0.29	Thermal Discharging
VKG061	213	'7359978_/_435633392'	5.2	10	10	0.29	1.6	10	5.55 No	0.29	Thermal Discharging
VKG061	214	'43616826_/_4976110'	3.33	3.33	3.33	0.1	0.53	3.33	1.85 No	0.1	Thermal Discharging
VKG061	215	'4966876_/_4967059'	3.33	3.33	3.33	0.1	0.4	3.33	1.85 No	0.1	Thermal Discharging
VKG061	216	'7996380_/_9255505'	3.33	3.33	3.33	0.1	0.4	3.33	1.85 No	0.1	Thermal Discharging
VKG061	217	'4966759_/_4967088'	3.33	3.33	3.33	0.1	0.53	3.33	1.85 No	0.1	Thermal Discharging
VKG061	218	'9565855_/_9565852'	3.33	3.33	3.33	0.1	0.4	3.33	1.85 No	0.1	Thermal Discharging
VKG061	219	'4966877_/_4966874'	3.33	3.33	3.33	0.1	0.4	3.33	1.85 No	0.1	Thermal Discharging
VKG061	220	'43615381_/_43615383'	3.33	3.33	3.33	0.1	0.53	3.33	1.85 No	0.1	Thermal Discharging
VKG061	221	'7361274_/_640473808'	1.53	3.33	3.33	0.1	0.53	3.33	1.85 No	0.1	Thermal Discharging
VKG061	222	'8937983_/_52541385'	1.2	3.33	3.33	0.1	0.53	3.33	1.85 No	0.1	Thermal Discharging
VKG061	223	'4973207_/_43616636'	3.33	3.33	3.33	0.1	0.53	3.33	1.85 No	0.1	Thermal Discharging
VKG061	224	'4967130_/_4967127'	3.33	3.33	3.33	0.1	0.4	3.33	1.85 No	0.1	Thermal Discharging
VKG061	225	'9255524_/_9567430'	1.07	3.33	3.33	0.1	0.5	3.33	1.85 No	0.1	Thermal Discharging
VKG061	226	'8623050_/_9258353'	3.7	10	10	0.29	1.6	10	5.55 No	0.29	Thermal Discharging
VKG061	227	'4966811_/_4967101'	3.33	3.33	3.33	0.1	0.4	3.33	1.85 No	0.1	Thermal Discharging
VKG061	228	'7996508_/_7996506'	3.33	3.33	3.33	0.1	0.3	3.33	1.85 No	0.1	Thermal Discharging
VKG061	229	'43616623_/_43616625'	3.33	3.33	3.33	0.1	0.53	3.33	1.85 No	0.1	Thermal Discharging
VKG061	230	'7359979_/_693636968'	3.6	10	10	0.29	1.6	10	5.55 No	0.29	Thermal Discharging
VKG061	231	'43615415_/_4966757'	3.33	3.33	3.33	0.1	0.53	3.33	1.85 No	0.1	Thermal Discharging
VKG061	232	'8289254_/_597655487'	1.33	3.33	3.33	0.1	0.4	3.33	1.85 No	0.1	Thermal Discharging
VKG061	233	'43615448_/_4966913'	3.33	3.33	3.33	0.1	0.4	3.33	1.85 No	0.1	Thermal Discharging
VKG061	234	'7676486_/_74745669'	1.17	3.33	3.33	0.1	0.53	3.33	1.85 No	0.1	Thermal Discharging
VKG061	235	'8109972_/_8420822'	3.2	10	10	0.29	1.6	10	5.55 No	0.29	Thermal Discharging
VKG061	236	'4966634_/_4966644'	3.33	3.33	3.33	0.1	0.53	3.33	1.85 No	0.1	Thermal Discharging
VKG061	237	'7996252_/_57595521'	0.93	3.33	3.33	0.1	0.53	3.33	1.85 No	0.1	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
VKG061	238	'7996348_/_597655496'	1.17	3.33	3.33	0.1	0.4	3.33	1.85 No	0.1	Thermal Discharging
VKG061	239	'7996381_/_7996378'	1.27	3.33	3.33	0.1	0.4	3.33	1.85 No	0.1	Thermal Discharging
VKG061	240	'4966812_/_4966809'	1.6	3.33	3.33	0.1	0.4	3.33	1.85 No	0.1	Thermal Discharging
VKG061	241	'8289222_/_661787772'	1.03	3.33	3.33	0.1	0.53	3.33	1.85 No	0.1	Thermal Discharging
VKG061	242	'7996525_/_7996522_2'	1.53	3.33	3.33	0.1	0.4	3.33	1.85 No	0.1	Thermal Discharging
VKG061	243	'8109973_/_8109970'	3	10	10	0.29	1.6	10	5.55 No	0.29	Thermal Discharging
VKG061	244	'4976042_/_4976055'	1.8	3.33	3.33	0.1	0.53	3.33	1.85 No	0.1	Thermal Discharging
VKG061	245	'4966890_/_4966887'	1.47	3.33	3.33	0.1	0.4	3.33	1.85 No	0.1	Thermal Discharging
VKG061	246	'4966663_/_4966660'	1.73	3.33	3.33	0.1	0.53	3.33	1.85 No	0.1	Thermal Discharging
VKG061	247	'4966773_/_4966770'	1.33	3.33	3.33	0.1	0.53	3.33	1.85 No	0.1	Thermal Discharging
VKG061	248	'4966824_/_4966822'	1.23	3.33	3.33	0.1	0.4	3.33	1.85 No	0.1	Thermal Discharging
VKG061	249	'7676501_/_494847231'	0.93	3.33	3.33	0.1	0.53	3.33	1.85 No	0.1	Thermal Discharging
VKG061	250	'43615265_/_4976039'	1.33	3.33	3.33	0.1	0.53	3.33	1.85 No	0.1	Thermal Discharging
VKG061	251	'4966903_/_4966900'	1.2	3.33	3.33	0.1	0.4	3.33	1.85 No	0.1	Thermal Discharging
VKG061	252	'7435675_/_455494322'	2.6	10	10	0.29	1.6	10	5.55 No	0.29	Thermal Discharging
VKG061	253	'7800895_/_4966702_1'	1.3	3.33	3.33	0.1	0.53	3.33	1.85 No	0.1	Thermal Discharging
VKG061	254	'4966705_/_4966702_2'	1.3	3.33	3.33	0.1	0.53	3.33	1.85 No	0.1	Thermal Discharging
VKG061	255	'7435674_/_9011975_2'	2.6	10	10	0.29	1.6	10	5.55 No	0.29	Thermal Discharging
VKG061	256	'7492678_/_7492676_1'	1.27	3.33	3.33	0.1	0.4	3.33	1.85 No	0.1	Thermal Discharging
VKG061	257	'7996397_/_274747722'	0.97	3.33	3.33	0.1	0.4	3.33	1.85 No	0.1	Thermal Discharging
VKG061	258	'4966786_/_4966783'	1.03	3.33	3.33	0.1	0.53	3.33	1.85 No	0.1	Thermal Discharging
VKG061	259	'4966718_/_4966715'	1.17	3.33	3.33	0.1	0.53	3.33	1.85 No	0.1	Thermal Discharging
VKG061	260	'4966929_/_4966939'	1.03	3.33	3.33	0.1	0.4	3.33	1.85 No	0.1	Thermal Discharging
VKG061	261	'4966620_/_4966631'	1.07	3.33	3.33	0.1	0.53	3.33	1.85 No	0.1	Thermal Discharging
VKG061	262	'43615264_/_4973246'	1.1	3.33	3.33	0.1	0.53	3.33	1.85 No	0.1	Thermal Discharging
VKG061	263	'7996524_/_7996522_1'	1	3.33	3.33	0.1	0.3	3.33	1.85 No	0.1	Thermal Discharging
VKG061	264	'9565711_/_509373745'	0.87	3.33	3.33	0.1	0.4	3.33	1.85 No	0.1	Thermal Discharging
VKG061	265	'4966676_/_4966689'	1.1	3.33	3.33	0.1	0.53	3.33	1.85 No	0.1	Thermal Discharging
VKG061	266	'8289270_/_393305603'	0.7	3.33	3.33	0.1	0.5	3.33	1.85 No	0.1	Thermal Discharging
VKG061	267	'7492679_/_7492676_2'	1.07	3.33	3.33	0.1	0.4	3.33	1.85 No	0.1	Thermal Discharging
VKG061	268	'4966628_/_4966926'	0.97	3.33	3.33	0.1	0.4	3.33	1.85 No	0.1	Thermal Discharging
VKG061	269	'4972241_/_4972238'	1.03	3.33	3.33	0.1	0.53	3.33	1.85 No	0.1	Thermal Discharging
VKG061	270	'7996413_/_7996410'	0.83	3.33	3.33	0.1	0.4	3.33	1.85 No	0.1	Thermal Discharging
VKG061	271	'66347022_/_66347029'	0.7	3.33	3.33	0.1	0.53	3.33	1.85 No	0.1	Thermal Discharging
VKG061	272	'43615459_/_4967140'	0.93	3.33	3.33	0.1	0.4	3.33	1.85 No	0.1	Thermal Discharging
VKG061	273	'7996460_/_394242320'	0.73	3.33	3.33	0.1	0.53	3.33	1.85 No	0.1	Thermal Discharging
VKG061	274	'4966675_/_4966673'	0.97	3.33	3.33	0.1	0.53	3.33	1.85 No	0.1	Thermal Discharging
VKG061	275	'4966746_/_4966796'	0.87	3.33	3.33	0.1	0.53	3.33	1.85 No	0.1	Thermal Discharging
VKG061	276	'4967143_/_43615461'	0.9	3.33	3.33	0.1	0.3	3.33	1.85 No	0.1	Thermal Discharging
VKG061	277	'8940027_/_563140356'	0.73	3.33	3.33	0.1	0.4	3.33	1.85 No	0.1	Thermal Discharging
VKG061	278	'4966621_/_4966618'	0.8	3.33	3.33	0.1	0.53	3.33	1.85 No	0.1	Thermal Discharging
VKG061	279	'4976317_/_4976315'	0.87	3.33	3.33	0.1	0.53	3.33	1.85 No	0.1	Thermal Discharging
VKG061	280	'7996429_/_473668979'	0.73	3.33	3.33	0.1	0.4	3.33	1.85 No	0.1	Thermal Discharging
VKG061	281	'7676502_/_483775066'	0.67	3.33	3.33	0.1	0.53	3.33	1.85 No	0.1	Thermal Discharging
VKG061	282	'8126884_/_8126881'	0.83	3.33	3.33	0.1	0.4	3.33	1.85 No	0.1	Thermal Discharging
VKG061	283	'4966747_/_4966744'	0.77	3.33	3.33	0.1	0.53	3.33	1.85 No	0.1	Thermal Discharging
VKG061	284	'603041234_/_596751367_2'	0.73	3.33	3.33	0.1	0.53	3.33	1.85 No	0.1	Thermal Discharging
VKG061	285	'7676582_/_9255601'	0.73	3.33	3.33	0.1	0.3	3.33	1.85 No	0.1	Thermal Discharging
VKG061	286	'7996461_/_523940422'	0.6	3.33	3.33	0.1	0.53	3.33	1.85 No	0.1	Thermal Discharging
VKG061	287	'7360094_/_7360092'	0.7	3.33	3.33	0.1	0.3	3.33	1.85 No	0.1	Thermal Discharging
VKG061	288	'7996541_/_7996538'	0.7	3.33	3.33	0.1	0.3	3.33	1.85 No	0.1	Thermal Discharging
VKG061	289	'7359962_/_9565692'	0.6	3.33	3.33	0.1	0.53	3.33	1.85 No	0.1	Thermal Discharging
VKG061	290	'7678105_/_8940025'	0.6	3.33	3.33	0.1	0.4	3.33	1.85 No	0.1	Thermal Discharging
VKG061	291	'7360014_/_7996442'	0.6	3.33	3.33	0.1	0.4	3.33	1.85 No	0.1	Thermal Discharging
VKG061	292	'43615404_/_43615406'	0.63	3.33	3.33	0.1	0.53	3.33	1.85 No	0.1	Thermal Discharging
VKG061	293	'7676581_/_7676579'	0.63	3.33	3.33	0.1	0.3	3.33	1.85 No	0.1	Thermal Discharging
VKG061	294	'7359931_/_66347040'	0.53	3.33	3.33	0.1	0.53	3.33	1.85 No	0.1	Thermal Discharging
VKG061	295	'43616870_/_4976354'	0.63	3.33	3.33	0.1	0.53	3.33	1.85 No	0.1	Thermal Discharging
VKG061	296	'8289174_/_661787803'	0.53	3.33	3.33	0.1	0.53	3.33	1.85 No	0.1	Thermal Discharging
VKG061	297	'7678106_/_7678103'	0.53	3.33	3.33	0.1	0.4	3.33	1.85 No	0.1	Thermal Discharging
VKG061	298	'7360015_/_7360012_1'	0.4	3.33	3.33	0.1	0.4	3.33	1.85 No	0.1	Thermal Discharging
VKG061	299	'8289175_/_661787794'	0.53	3.33	3.33	0.1	0.53	3.33	1.85 No	0.1	Thermal Discharging
VKG061	300	'4971959_/_43615394'	0.6	3.33	3.33	0.1	0.53	3.33	1.85 No	0.1	Thermal Discharging
VKG061	301	'9565790_/_9565820'	0.57	3.33	3.33	0.1	0.3	3.33	1.85 No	0.1	Thermal Discharging
VKG061	302	'7359963_/_494847197'	0.53	3.33	3.33	0.1	0.53	3.33	1.85 No	0.1	Thermal Discharging
VKG061	303	'7359930_/_52541518'	0.5	3.33	3.33	0.1	0.53	3.33	1.85 No	0.1	Thermal Discharging
VKG061	304	'43616859_/_4976341'	0.53	3.33	3.33	0.1	0.53	3.33	1.85 No	0.1	Thermal Discharging
VKG061	305	'7678121_/_597655433'	0.5	3.33	3.33	0.1	0.4	3.33	1.85 No	0.1	Thermal Discharging
VKG061	306	'4976331_/_4976328_2'	0.53	3.33	3.33	0.1	0.53	3.33	1.85 No	0.1	Thermal Discharging
VKG061	307	'7360110_/_9565788'	0.53	3.33	3.33	0.1	0.3	3.33	1.85 No	0.1	Thermal Discharging
VKG061	308	'7679549_/_118577955'	0.43	3.33	3.33	0.1	0.5	3.33	1.85 No	0.1	Thermal Discharging
VKG061	309	'7676518_/_7676515'	0.47	3.33	3.33	0.1	0.53	3.33	1.85 No	0.1	Thermal Discharging
VKG061	310	'9255476_/_399853656_1'	0.47	3.33	3.33	0.1	0.53	3.33	1.85 No	0.1	Thermal Discharging
VKG061	311	'7363360_/_9568784'	0.43	3.33	3.33	0.1	0.5	3.33	1.85 No	0.1	Thermal Discharging
VKG061	312	'8289190_/_52541587'	0.43	3.33	3.33	0.1	0.53	3.33	1.85 No	0.1	Thermal Discharging
VKG061	313	'7363345_/_7363358'	0.43	3.33	3.33	0.1	0.5	3.33	1.85 No	0.1	Thermal Discharging
VKG061	314	'416577358_/_416577378'	0.43	3.33	3.33	0.1	0.53	3.33	1.85 No	0.1	Thermal Discharging
VKG061	315	'4966607_/_4976328_1'	0.47	3.33	3.33	0.1	0.4	3.33	1.85 No	0.1	Thermal Discharging
VKG061	316	'7996333_/_597655424'	0.43	3.33	3.33	0.1	0.4	3.33	1.85 No	0.1	Thermal Discharging
VKG061	317	'9258224_/_57595504'	0.4	3.33	3.33	0.1	0.5	3.33	1.85 No	0.1	Thermal Discharging
VKG061	318	'7676437_/_52541454'	0.37	3.33	3.33	0.1	0.53	3.33	1.85 No	0.1	Thermal Discharging
VKG061	319	'7359898_/_394242331'	0.4	3.33	3.33	0.1	0.53	3.33	1.85 No	0.1	Thermal Discharging
VKG061	320	'8938183_/_597655415'	0.4	3.33	3.33	0.1	0.4	3.33	1.85 No	0.1	Thermal Discharging
VKG061	321	'7996268_/_9565612_1'	0.3	3.33	3.33	0.1	0.53	3.33	1.85 No	0.1	Thermal Discharging
VKG061	322	'4966608_/_4966605'	0.4	3.33	3.33	0.1	0.4	3.33	1.85 No	0.1	Thermal Discharging
VKG061	323	'9255556_/_9255553_1'	0.4	3.33	3.33	0.1	0.3	3.33	1.85 No	0.1	Thermal Discharging
VKG061	324	'7359899_/_7359896'	0.37	3.33	3.33	0.1	0.53	3.33	1.85 No	0.1	Thermal Discharging
VKG061	325	'7360111_/_7360108_1'	0.4	3.33	3.33	0.1	0.3	3.33	1.85 No	0.1	Thermal Discharging
VKG061	326	'8289159_/_643316903'	0.37	3.33	3.33	0.1	0.53	3.33	1.85 No	0.1	Thermal Discharging
VKG061	327	'594459839_/_594459527_2'	0.37	3.33	3.33	0.1	0.53	3.33	1.85 No	0.1	Thermal Discharging
VKG061	328	'9255555_/_9255553_2'	0.37	3.33	3.33	0.1	0.3	3.33	1.85 No	0.1	Thermal Discharging
VKG061	329	'7359947_/_57595538'	0.37	3.33	3.33	0.1	0.53	3.33	1.85 No	0.1	Thermal Discharging
VKG061	330	'4967156_/_4967153'	0.37	3.33	3.33	0.1	0.4	3.33	1.85 No	0.1	Thermal Discharging
VKG061	331	'7359946_/_52541435'	0.33	3.33	3.33	0.1	0.53	3.33	1.85 No	0.1	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
VKG061	332	'4966539_/_4967166'		0.33	3.33	3.33	0.1	0.4	3.33	1.85 No	0.1 Thermal Discharging
VKG061	333	'4966540_/_4966537'		0.33	3.33	3.33	0.1	0.4	3.33	1.85 No	0.1 Thermal Discharging
VKG061	334	'4966566_/_43615339'		0.33	3.33	3.33	0.1	0.4	3.33	1.85 No	0.1 Thermal Discharging
VKG061	335	'7996269_/_52541408'		0.3	3.33	3.33	0.1	0.53	3.33	1.85 No	0.1 Thermal Discharging
VKG061	336	'43615359_/_4966550'		0.3	3.33	3.33	0.1	0.4	3.33	1.85 No	0.1 Thermal Discharging
VKG061	337	'4966553_/_43615361'		0.3	3.33	3.33	0.1	0.4	3.33	1.85 No	0.1 Thermal Discharging
VKG061	338	'8622306_/_9565740_2'		0.3	3.33	3.33	0.1	0.4	3.33	1.85 No	0.1 Thermal Discharging
VKG061	339	'9255571_/_9565740_1'		0.3	3.33	3.33	0.1	0.3	3.33	1.85 No	0.1 Thermal Discharging
VKG061	340	'7788061_/_7788059_1'		0.27	3.33	3.33	0.1	0.3	3.32	1.85 No	0.1 Thermal Discharging
VKG061	341	'4966582_/_4966579'		0.27	3.33	3.33	0.1	0.4	3.28	1.85 No	0.1 Thermal Discharging
VKG061	342	'4973275_/_4973272'		0.27	3.33	3.33	0.1	0.4	3.17	1.85 No	0.1 Thermal Discharging
VKG061	343	'5001751_/_7088063'		0.23	3.13	3.33	0.1	0.4	3.07	1.85 No	0.1 Thermal Discharging
VKG061	344	'5001752_/_5001749'		0.23	2.93	3.33	0.1	0.4	2.97	1.85 No	0.1 Thermal Discharging
VKG061	345	'5003450_/_5003447'		0.23	2.7	3.33	0.1	0.4	2.85	1.85 No	0.1 Thermal Discharging
VKG061	346	'5003463_/_5003460'		0.2	2.53	3.33	0.1	0.4	2.75	1.85 No	0.1 Thermal Discharging
VKG061	347	'5003476_/_5003473'		0.2	2.4	3.33	0.1	0.4	2.65	1.85 No	0.1 Thermal Discharging
VKG061	348	'5003423_/_5003486'		0.2	2.27	3.33	0.1	0.4	2.57	1.85 No	0.1 Thermal Discharging
VKG061	349	'5003424_/_5003421'		0.17	2.13	3.33	0.1	0.4	2.48	1.85 No	0.1 Thermal Discharging
VKG061	350	'648014970_/_648014806_2'		0.17	2.13	3.33	0.1	0.4	2.47	1.85 No	0.1 Thermal Discharging
VKG061	351	'8317082_/_648014806_1'		0.17	2.13	3.33	0.1	0.3	2.46	1.85 No	0.1 Thermal Discharging
VKG061	352	'8944450_/_8944447'		0.17	2.1	3.33	0.1	0.3	2.44	1.85 No	0.1 Thermal Discharging
VKG061	353	'5003437_/_5003434'		0.17	2.03	3.33	0.1	0.4	2.4	1.85 No	0.1 Thermal Discharging
VKG061	354	'7682806_/_648014817'		0.17	2.03	3.33	0.1	0.3	2.39	1.85 No	0.1 Thermal Discharging
VKG061	355	'8317098_/_648014826'		0.17	1.97	3.33	0.1	0.3	2.34	1.85 No	0.1 Thermal Discharging
VKG061	356	'5003502_/_5003499'		0.17	1.93	3.33	0.1	0.4	2.33	1.85 No	0.1 Thermal Discharging
VKG061	357	'43621833_/_5003512'		0.17	1.87	3.33	0.1	0.4	2.26	1.85 No	0.1 Thermal Discharging
VKG061	358	'5003528_/_43621835'		0.13	1.77	3.33	0.1	0.4	2.19	1.85 No	0.1 Thermal Discharging
VKG061	359	'394389639_/_359180285_1'		0.13	1.77	3.33	0.1	0.3	2.18	1.85 No	0.1 Thermal Discharging
VKG061	360	'9572625_/_359180285_2'		0.13	1.7	3.33	0.1	0.3	2.13	1.85 No	0.1 Thermal Discharging
VKG061	361	'5003541_/_5003538'		0.13	1.7	3.33	0.1	0.4	2.12	1.85 No	0.1 Thermal Discharging
VKG065	0	'VKG065_/_402577137'		10	10	10	0.89	10	10	No	0.89 Thermal Discharging
VKG065	1	'401478426_/_402577137'		10	10	10	0.89	10	10	3.37 No	0.89 Thermal Discharging
VKG065	2	'402577647_/_401478402_2'		10	10	10	0.89	10	10	3.37 No	0.89 Thermal Discharging
VKG065	3	'401478380_/_401478402_1'		10	10	10	0.89	10	10	3.37 No	0.89 Thermal Discharging
VKG065	4	'401478379_/_401478377'		10	10	10	0.89	10	10	3.36 No	0.89 Thermal Discharging
VKG065	5	'401478557_/_401478559'		10	10	10	0.89	10	10	3.36 No	0.89 Thermal Discharging
VKG065	6	'401478505_/_401478503'		10	10	10	0.89	10	10	3.36 No	0.89 Thermal Discharging
VKG065	7	'401478578_/_401478580'		10	10	10	0.89	10	10	3.36 No	0.89 Thermal Discharging
VKG065	8	'401478532_/_401478529'		10	10	10	0.89	10	10	3.36 No	0.89 Thermal Discharging
VKG065	9	'401478616_/_401478597'		10	10	10	0.89	10	10	3.36 No	0.89 Thermal Discharging
VKG065	10	'401478631_/_401478629'		10	10	10	0.89	10	10	3.36 No	0.89 Thermal Discharging
VKG065	11	'401478656_/_401478654'		10	10	10	0.89	10	10	3.36 No	0.89 Thermal Discharging
VKG065	12	'401478690_/_401478688'		10	10	10	0.89	10	10	3.36 No	0.89 Thermal Discharging
VKG065	13	'401478725_/_401478747'		10	10	10	0.89	10	10	3.36 No	0.89 Thermal Discharging
VKG065	14	'401478724_/_401478722'		10	10	10	0.89	10	10	3.36 No	0.89 Thermal Discharging
VKG065	15	'465710655_/_465710659'		10	10	10	0.89	10	10	3.36 No	0.89 Thermal Discharging
VKG065	16	'401478804_/_401478786'		10	10	10	0.89	10	10	3.36 No	0.89 Thermal Discharging
VKG065	17	'401478833_/_401478815'		10	10	10	0.89	10	10	3.36 No	0.89 Thermal Discharging
VKG065	18	'401478862_/_401478844'		10	10	10	0.89	10	10	3.36 No	0.89 Thermal Discharging
VKG065	19	'401478891_/_401478865'		10	10	10	0.89	10	10	3.36 No	0.89 Thermal Discharging
VKG065	20	'401478890_/_401478888'		10	10	10	0.89	10	10	3.36 No	0.89 Thermal Discharging
VKG065	21	'401478915_/_401478913'		10	10	10	0.89	10	10	3.36 No	0.89 Thermal Discharging
VKG065	22	'401478952_/_401478950'		10	10	10	0.89	10	10	3.36 No	0.89 Thermal Discharging
VKG065	23	'401479051_/_401478987'		10	10	10	0.89	10	10	3.36 No	0.89 Thermal Discharging
VKG065	24	'401479059_/_401479057'		10	10	10	0.89	10	10	3.36 No	0.89 Thermal Discharging
VKG065	25	'401479083_/_401479081'		10	10	10	0.89	10	10	3.36 No	0.89 Thermal Discharging
VKG065	26	'401479108_/_401479106'		10	10	10	0.89	10	10	3.36 No	0.89 Thermal Discharging
VKG065	27	'401479157_/_401479155'		10	10	10	0.89	10	10	3.36 No	0.89 Thermal Discharging
VKG065	28	'401479196_/_401479194'		10	10	10	0.89	10	10	3.36 No	0.89 Thermal Discharging
VKG065	29	'401479229_/_401479227'		10	10	10	0.89	10	10	3.36 No	0.89 Thermal Discharging
VKG065	30	'401479262_/_401479260'		10	10	10	0.89	10	10	3.36 No	0.89 Thermal Discharging
VKG065	31	'401479295_/_401479293'		10	10	10	0.89	10	10	3.36 No	0.89 Thermal Discharging
VKG065	32	'401479354_/_401479326'		10	10	10	0.89	10	10	3.36 No	0.89 Thermal Discharging
VKG065	33	'401479363_/_401479361'		10	10	10	0.89	10	10	3.36 No	0.89 Thermal Discharging
VKG065	34	'401479394_/_401479392'		10	10	10	0.89	10	10	3.36 No	0.89 Thermal Discharging
VKG065	35	'401479428_/_401479425_1'		10	10	10	0.89	10	10	3.36 No	0.89 Thermal Discharging
VKG065	36	'401478466_/_401479425_2'		10	10	10	0.89	10	10	3.36 No	0.89 Thermal Discharging
VKG065	37	'4976715_/_4976729'		10	10	10	0.89	10	10	3.36 No	0.89 Thermal Discharging
VKG065	38	'43616282_/_401478468'		10	10	10	0.89	10	10	3.36 No	0.89 Thermal Discharging
VKG065	39	'400672231_/_4976746_1'		10	10	10	0.89	10	10	3.36 No	0.89 Thermal Discharging
VKG065	40	'465876947_/_465876888_1'		10	10	10	0.89	2.4	10	3.36 No	0.89 Thermal Discharging
VKG065	41	'4971867_/_4976712'		10	10	10	0.89	10	10	3.36 No	0.89 Thermal Discharging
VKG065	42	'4971850_/_4971864'		10	10	10	0.89	10	10	3.36 No	0.89 Thermal Discharging
VKG065	43	'7361291_/_7677711_1'		10	10	10	0.89	2.2	10	3.36 No	0.89 Thermal Discharging
VKG065	44	'43616459_/_43616461'		10	10	10	0.89	10	10	3.36 No	0.89 Thermal Discharging
VKG065	45	'4971812_/_4971830'		10	10	10	0.89	10	10	3.36 No	0.89 Thermal Discharging
VKG065	46	'539185143_/_477201535_1'		10	10	10	0.89	2.2	10	3.36 No	0.89 Thermal Discharging
VKG065	47	'37863963_/_7677711_2'		10	10	10	0.89	2.2	10	3.36 No	0.89 Thermal Discharging
VKG065	48	'37863956_/_37863960'		10	10	10	0.89	2.2	10	3.36 No	0.89 Thermal Discharging
VKG065	49	'403149421_/_403149418'		10	10	10	0.89	2.2	10	3.36 No	0.89 Thermal Discharging
VKG065	50	'37863977_/_37863981'		10	10	10	0.89	2.2	10	3.36 No	0.89 Thermal Discharging
VKG065	51	'37863067_/_37863953'		10	10	10	0.89	2.2	10	3.36 No	0.89 Thermal Discharging
VKG065	52	'510340958_/_510340971'		10	10	10	0.89	2.2	10	3.36 No	0.89 Thermal Discharging
VKG065	53	'4971067_/_4971810'		10	10	10	0.89	10	10	3.36 No	0.89 Thermal Discharging
VKG065	54	'68764811_/_4971065_1'		10	10	10	0.89	10	10	3.36 No	0.89 Thermal Discharging
VKG065	55	'4971068_/_4971065_2'		10	10	10	0.89	10	10	3.36 No	0.89 Thermal Discharging
VKG065	56	'4976156_/_4976170'		10	10	10	0.89	10	10	3.36 No	0.89 Thermal Discharging
VKG065	57	'582208997_/_582208960_1'		10	10	10	0.89	2.3	10	3.36 No	0.89 Thermal Discharging
VKG065	58	'4976139_/_4976153'		10	10	10	0.89	10	10	3.36 No	0.89 Thermal Discharging
VKG065	59	'68764828_/_68764753_2'		10	10	10	0.89	5.1	10	3.36 No	0.89 Thermal Discharging
VKG065	60	'7677674_/_477201535_2'		10	10	10	0.89	2.2	10	3.36 No	0.89 Thermal Discharging
VKG065	61	'4960074_/_4971085'		10	10	10	0.89	10	10	3.36 No	0.89 Thermal Discharging
VKG065	62	'405672081_/_4960072_1'		10	10	10	0.89	10	10	3.36 No	0.89 Thermal Discharging
VKG065	63	'4976138_/_4976136'		10	10	10	0.89	10	10	3.36 No	0.89 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
											VSR (MW)	Limiting Threshold
VKG065	64	'43616964_/4960072_2'		10	10	10	0.89	10	10	3.36 No	0.89	Thermal Discharging
VKG065	65	'4976428_/4976442'		10	10	10	0.89	10	10	3.36 No	0.89	Thermal Discharging
VKG065	66	'7363720_/68764753_1'		10	10	10	0.89	1.4	10	3.36 No	0.89	Thermal Discharging
VKG065	67	'49964761_/7680009_1'		10	10	10	0.89	10	10	3.36 No	0.89	Thermal Discharging
VKG065	68	'4969615_/4976425'		10	10	10	0.89	10	10	3.36 No	0.89	Thermal Discharging
VKG065	69	'4977261_/43616966'		10	10	10	0.89	10	10	3.36 No	0.89	Thermal Discharging
VKG065	70	'4969614_/4969612'		10	10	10	0.89	10	10	3.36 No	0.89	Thermal Discharging
VKG065	71	'43616269_/4977275'		10	10	10	0.89	10	10	3.36 No	0.89	Thermal Discharging
VKG065	72	'43616907_/4977123'		10	10	10	0.89	10	10	3.36 No	0.89	Thermal Discharging
VKG065	73	'8313698_/504070895_2'		10	10	10	0.89	5.1	10	3.36 No	0.89	Thermal Discharging
VKG065	74	'4977637_/4977635_2'		10	10	10	0.89	10	10	3.36 No	0.89	Thermal Discharging
VKG065	75	'4971105_/4971102'		10	10	10	0.89	10	10	3.36 No	0.89	Thermal Discharging
VKG065	76	'4976868_/4976865_2'		10	10	10	0.89	4.5	10	3.36 No	0.89	Thermal Discharging
VKG065	77	'43616364_/4971363'		10	10	10	0.89	10	10	3.36 No	0.89	Thermal Discharging
VKG065	78	'4972878_/4972888_1'	3.33	3.33	3.33	3.33	0.3	0.4	3.33	1.12 No	0.3	Thermal Discharging
VKG065	79	'9706997_/465876888_2'		10	10	10	0.89	2.4	10	3.36 No	0.89	Thermal Discharging
VKG065	80	'4971348_/43616366'		10	10	10	0.89	10	10	3.36 No	0.89	Thermal Discharging
VKG065	81	'4971349_/4971346'		10	10	10	0.89	10	10	3.36 No	0.89	Thermal Discharging
VKG065	82	'504070891_/504070895_1'		10	10	10	0.89	3.1	10	3.36 No	0.89	Thermal Discharging
VKG065	83	'4977022_/4977110_2'	3.33	3.33	3.33	3.33	0.3	1.1	3.33	1.12 No	0.3	Thermal Discharging
VKG065	84	'470221941_/470221945'		10	10	10	0.89	1.4	10	3.36 No	0.89	Thermal Discharging
VKG065	85	'4967343_/4976865_1'		10	10	10	0.89	1.5	10	3.36 No	0.89	Thermal Discharging
VKG065	86	'43616588_/4972888_2'	3.33	3.33	3.33	3.33	0.3	0.4	3.33	1.12 No	0.3	Thermal Discharging
VKG065	87	'4970608_/4971380'		10	10	10	0.89	10	10	3.36 No	0.89	Thermal Discharging
VKG065	88	'7362151_/9567734'		10	10	10	0.89	2.2	10	3.36 No	0.89	Thermal Discharging
VKG065	89	'7679911_/8313676_1'		10	10	10	0.89	0.9	10	3.36 No	0.89	Thermal Discharging
VKG065	90	'474257264_/582208960_2'		10	10	10	0.89	2.3	10	3.36 No	0.89	Thermal Discharging
VKG065	91	'4959549_/4977110_1'	3.33	3.33	3.33	3.33	0.3	0.5	3.33	1.12 No	0.3	Thermal Discharging
VKG065	92	'4977061_/4977058_2'	3.33	3.33	3.33	3.33	0.3	1.1	3.33	1.12 No	0.3	Thermal Discharging
VKG065	93	'43615984_/4970606'		10	10	10	0.89	10	10	3.36 No	0.89	Thermal Discharging
VKG065	94	'401395331_/7680009_2'		10	10	10	0.89	10	10	3.36 No	0.89	Thermal Discharging
VKG065	95	'37874581_/700233444'		10	10	10	0.89	10	10	3.36 No	0.89	Thermal Discharging
VKG065	96	'476375544_/474257324'		10	10	10	0.89	2.3	10	3.36 No	0.89	Thermal Discharging
VKG065	97	'474257304_/476375678'		10	10	10	0.89	2.3	10	3.36 No	0.89	Thermal Discharging
VKG065	98	'7999670_/8313696'		10	10	10	0.89	3.1	10	3.36 No	0.89	Thermal Discharging
VKG065	99	'476375560_/476375647'		10	10	10	0.89	2.3	10	3.36 No	0.89	Thermal Discharging
VKG065	100	'4968371_/43615986'		10	10	10	0.89	10	10	3.36 No	0.89	Thermal Discharging
VKG065	101	'8940625_/8940663'		10	10	10	0.89	10	10	3.36 No	0.89	Thermal Discharging
VKG065	102	'43615997_/4970640'		10	10	10	0.89	10	10	3.36 No	0.89	Thermal Discharging
VKG065	103	'465876958_/465876899_1'		10	10	10	0.89	2.4	10	3.36 No	0.89	Thermal Discharging
VKG065	104	'4968372_/4969040_2'	3.33	3.33	3.33	3.33	0.3	1.1	3.33	1.12 No	0.3	Thermal Discharging
VKG065	105	'4967326_/4967340'		10	10	10	0.89	1.5	10	3.36 No	0.89	Thermal Discharging
VKG065	106	'4959550_/4959547'	3.33	3.33	3.33	3.33	0.3	0.5	3.33	1.12 No	0.3	Thermal Discharging
VKG065	107	'4970660_/43615999'		10	10	10	0.89	10	10	3.36 No	0.89	Thermal Discharging
VKG065	108	'8313778_/468667250'		10	10	10	0.89	2.3	10	3.36 No	0.89	Thermal Discharging
VKG065	109	'4968387_/4970674'		10	10	10	0.89	10	10	3.36 No	0.89	Thermal Discharging
VKG065	110	'582209008_/426077534_1'		10	10	10	0.89	2.2	10	3.36 No	0.89	Thermal Discharging
VKG065	111	'464206156_/4970708'		10	10	10	0.89	10	10	3.36 No	0.89	Thermal Discharging
VKG065	112	'7999671_/7999668'		10	10	10	0.89	3.1	10	3.36 No	0.89	Thermal Discharging
VKG065	113	'7500039_/7500036_2'	3.33	3.33	3.33	3.33	0.3	1.7	3.33	1.12 No	0.3	Thermal Discharging
VKG065	114	'43616931_/4977058_1'	3.33	3.33	3.33	3.33	0.3	0.5	3.33	1.12 No	0.3	Thermal Discharging
VKG065	115	'4968388_/4976239_1'	3.33	3.33	3.33	3.33	0.3	0.4	3.33	1.12 No	0.3	Thermal Discharging
VKG065	116	'4970711_/464206158'		10	10	10	0.89	10	10	3.36 No	0.89	Thermal Discharging
VKG065	117	'464939289_/7360818_2'	6.67	6.67	6.67	6.67	0.59	2.8	6.67	2.24 No	0.59	Thermal Discharging
VKG065	118	'37873257_/8940623'		10	10	10	0.89	10	10	3.36 No	0.89	Thermal Discharging
VKG065	119	'333124444_/37873255'		10	10	10	0.89	10	10	3.36 No	0.89	Thermal Discharging
VKG065	120	'37873271_/37873472'		10	10	10	0.89	10	10	3.36 No	0.89	Thermal Discharging
VKG065	121	'37873279_/333124458'		10	10	10	0.89	1.7	10	3.36 No	0.89	Thermal Discharging
VKG065	122	'333124450_/37873276'		10	10	10	0.89	1.4	10	3.36 No	0.89	Thermal Discharging
VKG065	123	'43616068_/4970793'		10	10	10	0.89	10	10	3.36 No	0.89	Thermal Discharging
VKG065	124	'470221986_/470222018'		10	10	10	0.89	1.4	10	3.36 No	0.89	Thermal Discharging
VKG065	125	'359351548_/359351692'		10	10	10	0.89	10	10	3.36 No	0.89	Thermal Discharging
VKG065	126	'4970728_/4970725'		10	10	10	0.89	10	10	3.36 No	0.89	Thermal Discharging
VKG065	127	'8313679_/8313676_2'		10	10	10	0.89	0.9	10	3.36 No	0.89	Thermal Discharging
VKG065	128	'4969042_/4969040_1'	3.33	3.33	3.33	3.33	0.3	0.4	3.33	1.12 No	0.3	Thermal Discharging
VKG065	129	'43616081_/4970742'		10	10	10	0.89	10	10	3.36 No	0.89	Thermal Discharging
VKG065	130	'7360871_/7677559_1'	3.33	3.33	3.33	3.33	0.3	0.4	3.33	1.12 No	0.3	Thermal Discharging
VKG065	131	'7362150_/7362148'		10	10	10	0.89	2.2	10	3.36 No	0.89	Thermal Discharging
VKG065	132	'4968403_/4970759'		10	10	10	0.89	10	10	3.36 No	0.89	Thermal Discharging
VKG065	133	'7361310_/422250421'		10	10	10	0.89	2.2	10	3.36 No	0.89	Thermal Discharging
VKG065	134	'4959562_/4972901'	3.33	3.33	3.33	3.33	0.3	0.4	3.33	1.12 No	0.3	Thermal Discharging
VKG065	135	'4968087_/4968085'	3.33	3.33	3.33	3.33	0.3	0.5	3.33	1.12 No	0.3	Thermal Discharging
VKG065	136	'4971000_/4970997'		10	10	10	0.89	10	10	3.36 No	0.89	Thermal Discharging
VKG065	137	'4959591_/4969027'	3.33	3.33	3.33	3.33	0.3	0.5	3.33	1.12 No	0.3	Thermal Discharging
VKG065	138	'4967309_/4967323'		10	10	10	0.89	1.5	10	3.36 No	0.89	Thermal Discharging
VKG065	139	'469793703_/9569034_1'		10	10	10	0.89	0.9	10	3.36 No	0.89	Thermal Discharging
VKG065	140	'484313753_/7677559_2'	3.33	3.33	3.33	3.33	0.3	0.4	3.33	1.12 No	0.3	Thermal Discharging
VKG065	141	'4968445_/4971014'		10	10	10	0.89	10	10	3.36 No	0.89	Thermal Discharging
VKG065	142	'469793609_/9569034_2'		10	10	10	0.89	0.9	10	3.36 No	0.89	Thermal Discharging
VKG065	143	'4968404_/4968401'	3.33	3.33	3.33	3.33	0.3	1.1	3.33	1.12 No	0.3	Thermal Discharging
VKG065	144	'469793714_/469793772'		10	10	10	0.89	0.9	10	3.36 No	0.89	Thermal Discharging
VKG065	145	'4968524_/4970776'		10	10	10	0.89	10	10	3.36 No	0.89	Thermal Discharging
VKG065	146	'4968446_/4968494_1'	6.67	6.67	6.67	6.67	0.59	0.9	6.67	2.24 No	0.59	Thermal Discharging
VKG065	147	'43616837_/4976239_2'	3.33	3.33	3.33	3.33	0.3	0.4	3.33	1.12 No	0.3	Thermal Discharging
VKG065	148	'4971730_/4971762'		10	10	10	0.89	10	10	3.36 No	0.89	Thermal Discharging
VKG065	149	'4968420_/4968430_1'	3.33	3.33	3.33	3.33	0.3	0.4	3.33	1.12 No	0.3	Thermal Discharging
VKG065	150	'4970812_/4971728'		10	10	10	0.89	10	10	3.36 No	0.89	Thermal Discharging
VKG065	151	'4971918_/4971928_1'	3.33	3.33	3.33	3.33	0.3	0.5	3.33	1.12 No	0.3	Thermal Discharging
VKG065	152	'4959398_/4968494_2'	6.67	6.67	6.67	6.67	0.59	0.9	6.67	2.24 No	0.59	Thermal Discharging
VKG065	153	'4968114_/4968111'	3.33	3.33	3.33	3.33	0.3	0.5	3.33	1.12 No	0.3	Thermal Discharging
VKG065	154	'4970813_/4970810'		10	10	10	0.89	10	10	3.36 No	0.89	Thermal Discharging
VKG065	155	'4968461_/4968494_3'	6.67	6.67	6.67	6.67	0.59	0.9	6.67	2.24 No	0.59	Thermal Discharging
VKG065	156	'4959592_/4959589'	3.33	3.33	3.33	3.33	0.3	0.5	3.33	1.12 No	0.3	Thermal Discharging
VKG065	157	'470221924_/470222002'		10	10	10	0.89	1.4	10	3.36 No	0.89	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over- Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
VKG065	158	'4968156_/4977045'	3.33	3.33	3.33	0.3	0.5	3.33	1.12	No	0.3 Thermal Discharging
VKG065	159	'4967292_/4967306'	10	10	10	0.89	1.5	10	3.36	No	0.89 Thermal Discharging
VKG065	160	'43616150_/4970827'	10	10	10	0.89	10	10	3.36	No	0.89 Thermal Discharging
VKG065	161	'8624716_/8624714'	10	10	10	0.89	1.7	10	3.36	No	0.89 Thermal Discharging
VKG065	162	'43616202_/4968430_2'	3.33	3.33	3.33	0.3	0.4	3.33	1.12	No	0.3 Thermal Discharging
VKG065	163	'4971717_/4971928_2'	3.33	3.33	3.33	0.3	0.5	3.33	1.12	No	0.3 Thermal Discharging
VKG065	164	'43616163_/4970844'	10	10	10	0.89	10	10	3.36	No	0.89 Thermal Discharging
VKG065	165	'4967291_/4967289'	10	10	10	0.89	1.5	10	3.36	No	0.89 Thermal Discharging
VKG065	166	'37874511_/8940563'	10	10	10	0.89	1.7	10	3.36	No	0.89 Thermal Discharging
VKG065	167	'37874518_/37874515'	10	10	10	0.89	1.7	10	3.36	No	0.89 Thermal Discharging
VKG065	168	'37874538_/37874536'	10	10	10	0.89	1.7	10	3.36	No	0.89 Thermal Discharging
VKG065	169	'37874546_/37874543'	10	10	10	0.89	1.7	10	3.36	No	0.89 Thermal Discharging
VKG065	170	'37874525_/37874522'	10	10	10	0.89	1.7	10	3.36	No	0.89 Thermal Discharging
VKG065	171	'7677562_/484313777'	3.33	3.33	3.33	0.3	0.4	3.33	1.12	No	0.3 Thermal Discharging
VKG065	172	'7363685_/7999588_1'	10	10	10	0.89	0.9	10	3.36	No	0.89 Thermal Discharging
VKG065	173	'4959618_/4959615'	3.33	3.33	3.33	0.3	0.5	3.33	1.12	No	0.3 Thermal Discharging
VKG065	174	'7677693_/478703087'	10	10	10	0.89	2.2	10	3.36	No	0.89 Thermal Discharging
VKG065	175	'43616176_/43616165'	10	10	10	0.89	10	10	3.36	No	0.89 Thermal Discharging
VKG065	176	'432750578_/432750582'	10	10	10	0.89	1.7	10	3.36	No	0.89 Thermal Discharging
VKG065	177	'741346540_/7999588_2'	10	10	10	0.89	0.9	10	3.36	No	0.89 Thermal Discharging
VKG065	178	'7363721_/68764874'	10	10	10	0.89	1.4	10	3.36	No	0.89 Thermal Discharging
VKG065	179	'4968641_/43616178'	10	10	10	0.89	10	10	3.36	No	0.89 Thermal Discharging
VKG065	180	'4968357_/7360818_1'	6.67	6.67	6.67	0.59	1	6.67	2.24	No	0.59 Thermal Discharging
VKG065	181	'4969000_/4976226'	3.33	3.33	3.33	0.3	0.4	3.33	1.12	No	0.3 Thermal Discharging
VKG065	182	'153802591_/4959602'	3.33	3.33	3.33	0.3	0.5	3.33	1.12	No	0.3 Thermal Discharging
VKG065	183	'7999651_/7999648'	10	10	10	0.89	1.7	10	3.36	No	0.89 Thermal Discharging
VKG065	184	'432750620_/432750639'	10	10	10	0.89	1.7	10	3.36	No	0.89 Thermal Discharging
VKG065	185	'7999591_/741346564'	10	10	10	0.89	0.9	10	3.36	No	0.89 Thermal Discharging
VKG065	186	'4970881_/4970878'	10	10	10	0.89	10	10	3.36	No	0.89 Thermal Discharging
VKG065	187	'4959563_/4959560'	3.33	3.33	3.33	0.3	0.4	3.33	1.12	No	0.3 Thermal Discharging
VKG065	188	'4959399_/4959396'	3.33	3.33	3.33	0.3	0.45	3.33	1.12	No	0.3 Thermal Discharging
VKG065	189	'7500038_/7500036_1'	3.33	3.33	3.33	0.3	0.4	3.33	1.12	No	0.3 Thermal Discharging
VKG065	190	'73827380_/71723128_2'	10	10	10	0.89	4.5	10	3.36	No	0.89 Thermal Discharging
VKG065	191	'7361350_/477201557'	10	10	10	0.89	2.2	10	3.36	No	0.89 Thermal Discharging
VKG065	192	'469793628_/469793684'	10	10	10	0.89	0.9	10	3.36	No	0.89 Thermal Discharging
VKG065	193	'7363741_/432750665'	10	10	10	0.89	1.7	10	3.36	No	0.89 Thermal Discharging
VKG065	194	'4968172_/4968169'	3.33	3.33	3.33	0.3	0.3	3.33	1.12	No	0.3 Thermal Discharging
VKG065	195	'4976983_/4976993'	3.33	3.33	3.33	0.3	0.5	3.33	1.12	No	0.3 Thermal Discharging
VKG065	196	'8624657_/68765082'	10	10	10	0.89	1.4	10	3.36	No	0.89 Thermal Discharging
VKG065	197	'4970898_/4970895'	10	10	10	0.89	10	10	3.36	No	0.89 Thermal Discharging
VKG065	198	'8618864_/8618862_1'	3.33	3.33	3.33	0.3	0.5	3.33	1.12	No	0.3 Thermal Discharging
VKG065	199	'4968433_/43616204'	3.33	3.33	3.33	0.3	0.4	3.33	1.12	No	0.3 Thermal Discharging
VKG065	200	'434270898_/433919818_1'	3.33	3.33	3.33	0.3	0.7	3.33	1.12	No	0.3 Thermal Discharging
VKG065	201	'4968476_/4968473'	6.67	6.67	6.67	0.59	0.9	6.67	2.24	No	0.59 Thermal Discharging
VKG065	202	'4970915_/4970912'	10	10	10	0.89	10	10	3.36	No	0.89 Thermal Discharging
VKG065	203	'589978078_/521934404_2'	10	10	10	0.89	10	10	3.36	No	0.89 Thermal Discharging
VKG065	204	'71723130_/71723128_1'	10	10	10	0.89	1.4	10	3.36	No	0.89 Thermal Discharging
VKG065	205	'4977035_/4977032'	3.33	3.33	3.33	0.3	0.5	3.33	1.12	No	0.3 Thermal Discharging
VKG065	206	'65250360_/65250357'	10	10	10	0.89	1.5	10	3.36	No	0.89 Thermal Discharging
VKG065	207	'4970932_/4970929_1'	10	10	10	0.89	10	10	3.36	No	0.89 Thermal Discharging
VKG065	208	'43616189_/4970929_2'	10	10	10	0.89	10	10	3.36	No	0.89 Thermal Discharging
VKG065	209	'4959605_/153802593'	3.33	3.33	3.33	0.3	0.5	3.33	1.12	No	0.3 Thermal Discharging
VKG065	210	'4970949_/43616191'	10	10	10	0.89	10	10	3.36	No	0.89 Thermal Discharging
VKG065	211	'65250406_/555320160_2'	10	10	10	0.89	1.5	10	3.36	No	0.89 Thermal Discharging
VKG065	212	'4970966_/4970963'	10	10	10	0.89	10	10	3.36	No	0.89 Thermal Discharging
VKG065	213	'7360839_/8618894_1'	3.33	3.33	3.33	0.3	0.7	3.33	1.12	No	0.3 Thermal Discharging
VKG065	214	'6072521_/7088232'	10	10	10	0.89	10	10	3.36	No	0.89 Thermal Discharging
VKG065	215	'4968143_/4968153'	3.33	3.33	3.33	0.3	0.5	3.33	1.12	No	0.3 Thermal Discharging
VKG065	216	'4968525_/4968522_1'	3.33	3.33	3.33	0.02	1.1	3.33	1.12	No	0.02 Thermal Discharging
VKG065	217	'43616803_/4976013'	3.33	3.33	3.33	0.3	0.5	3.33	1.12	No	0.3 Thermal Discharging
VKG065	218	'4968185_/4968182'	3.33	3.33	3.33	0.3	0.3	3.33	1.12	No	0.3 Thermal Discharging
VKG065	219	'7679952_/469793632'	10	10	10	0.89	0.9	10	3.36	No	0.89 Thermal Discharging
VKG065	220	'6041042_/6083221'	10	10	10	0.89	10	10	3.36	No	0.89 Thermal Discharging
VKG065	221	'4959414_/4968522_2'	3.33	3.33	3.33	0.02	1.1	3.33	1.12	No	0.02 Thermal Discharging
VKG065	222	'8066643_/9008263_1'	10	10	10	0.89	1.4	10	3.36	No	0.89 Thermal Discharging
VKG065	223	'43616021_/4968354'	6.67	6.67	6.67	0.59	1	6.67	2.24	No	0.59 Thermal Discharging
VKG065	224	'6041043_/6041040'	10	10	10	0.89	10	10	3.36	No	0.89 Thermal Discharging
VKG065	225	'43616894_/43616896'	10	10	10	0.89	1.5	10	3.36	No	0.89 Thermal Discharging
VKG065	226	'6041060_/6041057'	10	10	10	0.89	10	10	3.36	No	0.89 Thermal Discharging
VKG065	227	'8623666_/416366042'	10	10	10	0.89	1.7	10	3.36	No	0.89 Thermal Discharging
VKG065	228	'8618865_/8618862_2'	3.33	3.33	3.33	0.3	0.5	3.33	1.12	No	0.3 Thermal Discharging
VKG065	229	'6072522_/6072519'	10	10	10	0.89	3.4	10	3.36	No	0.89 Thermal Discharging
VKG065	230	'43841359_/6041074'	10	10	10	0.89	10	10	3.36	No	0.89 Thermal Discharging
VKG065	231	'71723249_/71723189'	10	10	10	0.89	1.4	10	3.36	No	0.89 Thermal Discharging
VKG065	232	'6072539_/6072553_1'	10	10	10	0.89	1.4	10	3.36	No	0.89 Thermal Discharging
VKG065	233	'9395217_/9567754'	10	10	10	0.89	2.2	10	3.36	No	0.89 Thermal Discharging
VKG065	234	'6041094_/43841361'	10	10	10	0.89	10	10	3.36	No	0.89 Thermal Discharging
VKG065	235	'685402956_/685402930_1'	3.33	3.33	3.33	0.3	0.4	3.33	1.12	No	0.3 Thermal Discharging
VKG065	236	'4971718_/4971715'	3.33	3.33	3.33	0.3	0.5	3.33	1.12	No	0.3 Thermal Discharging
VKG065	237	'7677434_/7677431'	3.33	3.33	3.33	0.3	0.4	3.33	1.12	No	0.3 Thermal Discharging
VKG065	238	'7360855_/433919818_2'	3.33	3.33	3.33	0.3	0.7	3.33	1.12	No	0.3 Thermal Discharging
VKG065	239	'4968075_/4976980'	3.33	3.33	3.33	0.3	0.5	3.33	1.12	No	0.3 Thermal Discharging
VKG065	240	'4959579_/4959576'	3.33	3.33	3.33	0.3	0.4	3.33	1.12	No	0.3 Thermal Discharging
VKG065	241	'4959520_/71723251'	3.33	3.33	3.33	0.3	0.47	3.33	1.12	No	0.3 Thermal Discharging
VKG065	242	'559787602_/477201588_1'	10	10	10	0.89	2.2	10	3.36	No	0.89 Thermal Discharging
VKG065	243	'6041111_/6041108'	10	10	10	0.89	10	10	3.36	No	0.89 Thermal Discharging
VKG065	244	'4968878_/4968998'	3.33	3.33	3.33	0.3	0.4	3.33	1.12	No	0.3 Thermal Discharging
VKG065	245	'7432901_/9323614_1'	10	10	10	0.89	1.4	10	3.36	No	0.89 Thermal Discharging
VKG065	246	'4976817_/4976831'	10	10	10	0.89	1.5	10	3.36	No	0.89 Thermal Discharging
VKG065	247	'709946655_/709946600_2'	10	10	10	0.89	1.5	10	3.36	No	0.89 Thermal Discharging
VKG065	248	'8311506_/8311504_1'	3.33	3.33	3.33	0.3	0.3	3.33	1.12	No	0.3 Thermal Discharging
VKG065	249	'43841346_/6041125'	10	10	10	0.89	10	10	3.36	No	0.89 Thermal Discharging
VKG065	250	'9323617_/9323614_2'	10	10	10	0.89	1.4	10	3.36	No	0.89 Thermal Discharging
VKG065	251	'6070766_/6070763'	3.33	3.33	3.33	0.3	1	3.33	1.12	No	0.3 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Over-Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
VKG065	252	'4968825_/_4976026'	3.33	3.33	3.33	0.3	0.5	3.33	1.12 No	0.3	Thermal Discharging
VKG065	253	'8313659_/_709946600_1'	10	10	10	0.89	0.9	10	3.36 No	0.89	Thermal Discharging
VKG065	254	'6041144_/_6080703'	10	10	10	0.89	10	10	3.36 No	0.89	Thermal Discharging
VKG065	255	'43616308_/_4972799'	3.33	3.33	3.33	0.3	0.5	3.33	1.12 No	0.3	Thermal Discharging
VKG065	256	'4959537_/_4959534'	3.33	3.33	3.33	0.3	0.47	3.33	1.12 No	0.3	Thermal Discharging
VKG065	257	'6070779_/_6070792_1'	3.33	3.33	3.33	0.3	0.4	3.33	1.12 No	0.3	Thermal Discharging
VKG065	258	'43615973_/_4968140'	3.33	3.33	3.33	0.3	0.5	3.33	1.12 No	0.3	Thermal Discharging
VKG065	259	'9008266_/_9008263_2'	10	10	10	0.89	1.4	10	3.36 No	0.89	Thermal Discharging
VKG065	260	'6041145_/_43841335'	10	10	10	0.89	10	10	3.36 No	0.89	Thermal Discharging
VKG065	261	'4968101_/_4968098'	3.33	3.33	3.33	0.3	0.5	3.33	1.12 No	0.3	Thermal Discharging
VKG065	262	'4971689_/_4971686'	3.33	3.33	3.33	0.3	0.3	3.33	1.12 No	0.3	Thermal Discharging
VKG065	263	'114350406_/_6072553_2'	10	10	10	0.89	1.4	10	3.36 No	0.89	Thermal Discharging
VKG065	264	'8618897_/_8618894_2'	3.33	3.33	3.33	0.3	0.7	3.33	1.12 No	0.3	Thermal Discharging
VKG065	265	'7997619_/_7997616'	3.33	3.33	3.33	0.3	0.4	3.33	1.12 No	0.3	Thermal Discharging
VKG065	266	'7679931_/_68765158'	10	10	10	0.89	1.4	10	3.36 No	0.89	Thermal Discharging
VKG065	267	'6070433_/_6070430_2'	3.33	3.33	3.33	0.3	1	3.33	1.12 No	0.3	Thermal Discharging
VKG065	268	'4968198_/_4968195'	3.33	3.33	3.33	0.3	0.3	3.33	1.12 No	0.3	Thermal Discharging
VKG065	269	'43841521_/_6041159'	10	10	10	0.89	10	10	3.36 No	0.89	Thermal Discharging
VKG065	270	'4968512_/_4968509'	3.33	3.33	3.33	0.3	0.45	3.33	1.12 No	0.3	Thermal Discharging
VKG065	271	'6041179_/_6041176'	10	10	10	0.89	10	10	3.36 No	0.89	Thermal Discharging
VKG065	272	'4968074_/_4968072'	3.33	3.33	3.33	0.3	0.5	3.33	1.12 No	0.3	Thermal Discharging
VKG065	273	'4976816_/_4976814'	10	10	10	0.89	1.5	10	3.36 No	0.89	Thermal Discharging
VKG065	274	'9008286_/_685402930_2'	3.33	3.33	3.33	0.3	0.4	3.33	1.12 No	0.3	Thermal Discharging
VKG065	275	'113606266_/_6080547'	10	10	10	0.89	10	10	3.36 No	0.89	Thermal Discharging
VKG065	276	'43841508_/_6041196'	10	10	10	0.89	10	10	3.36 No	0.89	Thermal Discharging
VKG065	277	'7362190_/_416366011'	10	10	10	0.89	1.7	10	3.36 No	0.89	Thermal Discharging
VKG065	278	'6041219_/_43841510'	10	10	10	0.89	10	10	3.36 No	0.89	Thermal Discharging
VKG065	279	'43616033_/_4968339'	6.67	6.67	6.67	0.59	1	6.67	2.24 No	0.59	Thermal Discharging
VKG065	280	'6070527_/_43841549_1'	3.33	3.33	3.33	0.3	0.4	3.33	1.12 No	0.3	Thermal Discharging
VKG065	281	'110798336_/_7679929_1'	10	10	10	0.89	0.9	10	3.36 No	0.89	Thermal Discharging
VKG065	282	'8313859_/_71679752'	10	10	10	0.89	1.7	10	3.36 No	0.89	Thermal Discharging
VKG065	283	'6070420_/_6070430_1'	3.33	3.33	3.33	0.3	1	3.33	1.12 No	0.3	Thermal Discharging
VKG065	284	'6041236_/_6041233'	10	10	10	0.89	10	10	3.36 No	0.89	Thermal Discharging
VKG065	285	'6085379_/_6085393_1'	10	10	10	0.89	10	10	3.36 No	0.89	Thermal Discharging
VKG065	286	'43616213_/_4959412'	3.33	3.33	3.33	0.02	1.1	3.33	1.12 No	0.02	Thermal Discharging
VKG065	287	'9323653_/_9323666'	3.33	3.33	3.33	0.3	1.4	3.33	1.12 No	0.3	Thermal Discharging
VKG065	288	'8066663_/_565327790_1'	3.33	3.33	3.33	0.3	0.4	3.33	1.12 No	0.3	Thermal Discharging
VKG065	289	'6041252_/_6085393_2'	10	10	10	0.89	10	10	3.36 No	0.89	Thermal Discharging
VKG065	290	'43616759_/_4975758'	3.33	3.33	3.33	0.3	0.5	3.33	1.12 No	0.3	Thermal Discharging
VKG065	291	'43841547_/_43841549_2'	3.33	3.33	3.33	0.3	0.4	3.33	1.12 No	0.3	Thermal Discharging
VKG065	292	'6041253_/_6041250'	10	10	10	0.89	10	10	3.36 No	0.89	Thermal Discharging
VKG065	293	'43841591_/_6070792_2'	3.33	3.33	3.33	0.3	0.4	3.33	1.12 No	0.3	Thermal Discharging
VKG065	294	'4968877_/_4968875'	3.33	3.33	3.33	0.3	0.4	3.33	1.12 No	0.3	Thermal Discharging
VKG065	295	'9566796_/_9566810'	3.33	3.33	3.33	0.3	0.5	3.33	1.12 No	0.3	Thermal Discharging
VKG065	296	'43616320_/_43616310'	3.33	3.33	3.33	0.3	0.5	3.33	1.12 No	0.3	Thermal Discharging
VKG065	297	'43841484_/_6041267'	10	10	10	0.89	10	10	3.36 No	0.89	Thermal Discharging
VKG065	298	'4968826_/_4968823'	3.33	3.33	3.33	0.3	0.5	3.33	1.12 No	0.3	Thermal Discharging
VKG065	299	'6085072_/_43841486'	10	10	10	0.89	10	10	3.36 No	0.89	Thermal Discharging
VKG065	300	'43616942_/_4977006'	3.33	3.33	3.33	0.3	0.5	3.33	1.12 No	0.3	Thermal Discharging
VKG065	301	'4977009_/_43616944'	3.33	3.33	3.33	0.3	0.5	3.33	1.12 No	0.3	Thermal Discharging
VKG065	302	'9256250_/_9256247'	3.33	3.33	3.33	0.3	0.7	3.33	1.12 No	0.3	Thermal Discharging
VKG065	303	'716118534_/_716118399'	3.33	3.33	3.33	0.3	0.47	3.33	1.12 No	0.3	Thermal Discharging
VKG065	304	'6070714_/_6085099'	10	10	10	0.89	10	10	3.36 No	0.89	Thermal Discharging
VKG065	305	'6085056_/_6085053_2'	3.33	3.33	3.33	0.3	1.1	3.33	1.12 No	0.3	Thermal Discharging
VKG065	306	'8737125_/_9256263'	3.33	3.33	3.33	0.3	0.7	3.33	1.12 No	0.3	Thermal Discharging
VKG065	307	'6072308_/_6073870_1'	3.33	3.33	3.33	0.3	0.7	3.33	1.12 No	0.3	Thermal Discharging
VKG065	308	'43616106_/_4968548'	3.33	3.33	3.33	0.02	1.1	3.33	1.12 No	0.02	Thermal Discharging
VKG065	309	'6080566_/_6080564'	10	10	10	0.89	10	10	3.36 No	0.89	Thermal Discharging
VKG065	310	'9323652_/_9323650'	3.33	3.33	3.33	0.3	0.4	3.33	1.12 No	0.3	Thermal Discharging
VKG065	311	'8618880_/_9566794'	3.33	3.33	3.33	0.3	0.5	3.33	1.12 No	0.3	Thermal Discharging
VKG065	312	'6080584_/_6080581'	10	10	10	0.89	10	10	3.36 No	0.89	Thermal Discharging
VKG065	313	'43615962_/_4968127'	3.33	3.33	3.33	0.3	0.5	3.33	1.12 No	0.3	Thermal Discharging
VKG065	314	'6070407_/_6070417'	3.33	3.33	3.33	0.3	1	3.33	1.12 No	0.3	Thermal Discharging
VKG065	315	'6072350_/_6080598'	10	10	10	0.89	10	10	3.36 No	0.89	Thermal Discharging
VKG065	316	'43616117_/_4959425'	3.33	3.33	3.33	0.02	1.1	3.33	1.12 No	0.02	Thermal Discharging
VKG065	317	'6080618_/_43841451'	10	10	10	0.89	10	10	3.36 No	0.89	Thermal Discharging
VKG065	318	'6072573_/_43841957'	10	10	10	0.89	1.4	10	3.36 No	0.89	Thermal Discharging
VKG065	319	'6072349_/_6073883_1'	3.33	3.33	3.33	0.3	0.4	3.33	1.12 No	0.3	Thermal Discharging
VKG065	320	'43842124_/_6073870_2'	3.33	3.33	3.33	0.3	0.7	3.33	1.12 No	0.3	Thermal Discharging
VKG065	321	'692944053_/_692943986_1'	10	10	10	0.89	0.9	10	3.36 No	0.89	Thermal Discharging
VKG065	322	'6073026_/_43842126'	3.33	3.33	3.33	0.3	0.7	3.33	1.12 No	0.3	Thermal Discharging
VKG065	323	'6080635_/_6080632'	10	10	10	0.89	10	10	3.36 No	0.89	Thermal Discharging
VKG065	324	'43616010_/_4971699'	3.33	3.33	3.33	0.3	0.3	3.33	1.12 No	0.3	Thermal Discharging
VKG065	325	'8311507_/_8311504_2'	3.33	3.33	3.33	0.3	0.3	3.33	1.12 No	0.3	Thermal Discharging
VKG065	326	'4971702_/_8311416_1'	3.33	3.33	3.33	0.3	0.3	3.33	1.12 No	0.3	Thermal Discharging
VKG065	327	'465574586_/_68678155'	10	10	10	0.89	1.4	10	3.36 No	0.89	Thermal Discharging
VKG065	328	'6072336_/_6080649'	10	10	10	0.89	10	10	3.36 No	0.89	Thermal Discharging
VKG065	329	'6072337_/_6073899_1'	3.33	3.33	3.33	0.3	0.4	3.33	1.12 No	0.3	Thermal Discharging
VKG065	330	'6070498_/_6070508'	3.33	3.33	3.33	0.3	0.4	3.33	1.12 No	0.3	Thermal Discharging
VKG065	331	'43616049_/_43616047'	6.67	6.67	6.67	0.59	1	6.67	2.24 No	0.59	Thermal Discharging
VKG065	332	'6080669_/_6080666'	10	10	10	0.89	10	10	3.36 No	0.89	Thermal Discharging
VKG065	333	'6073012_/_6073883_2'	3.33	3.33	3.33	0.3	0.4	3.33	1.12 No	0.3	Thermal Discharging
VKG065	334	'6073025_/_6073023'	3.33	3.33	3.33	0.3	0.7	3.33	1.12 No	0.3	Thermal Discharging
VKG065	335	'4969013_/_8311784'	3.33	3.33	3.33	0.3	0.4	3.33	1.12 No	0.3	Thermal Discharging
VKG065	336	'4977159_/_43616322'	3.33	3.33	3.33	0.3	0.3	3.33	1.12 No	0.3	Thermal Discharging
VKG065	337	'6072996_/_6073899_2'	3.33	3.33	3.33	0.3	0.4	3.33	1.12 No	0.3	Thermal Discharging
VKG065	338	'4968891_/_4968888'	3.33	3.33	3.33	0.3	0.4	3.33	1.12 No	0.3	Thermal Discharging
VKG065	339	'4975774_/_43616761'	3.33	3.33	3.33	0.3	0.3	3.33	1.12 No	0.3	Thermal Discharging
VKG065	340	'6070808_/_43841593'	3.33	3.33	3.33	0.3	0.4	3.33	1.12 No	0.3	Thermal Discharging
VKG065	341	'7677450_/_8618926_1'	3.33	3.33	3.33	0.3	0.3	3.33	1.12 No	0.3	Thermal Discharging
VKG065	342	'43616331_/_4968836'	3.33	3.33	3.33	0.3	0.5	3.33	1.12 No	0.3	Thermal Discharging
VKG065	343	'4959508_/_4959492'	3.33	3.33	3.33	0.3	0.5	3.33	1.12 No	0.3	Thermal Discharging
VKG065	344	'465574631_/_465574650'	10	10	10	0.89	1.4	10	3.36 No	0.89	Thermal Discharging
VKG065	345	'6070715_/_6070712'	10	10	10	0.89	3.2	10	3.36 No	0.89	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Over-Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
VKG065	346	'7477241_/_692943986_2'		10	10	10	0.89	0.9	10	3.36 No	0.89 Thermal Discharging
VKG065	347	'8447880_/_8618910_1'		3.33	3.33	3.33	0.3	0.3	3.33	1.12 No	0.3 Thermal Discharging
VKG065	348	'6072997_/_6072994'		3.33	3.33	3.33	0.3	0.4	3.33	1.12 No	0.3 Thermal Discharging
VKG065	349	'4968312_/_4968324'		6.67	6.67	6.67	0.59	1	6.67	2.24 No	0.59 Thermal Discharging
VKG065	350	'43841322_/_6070404'		3.33	3.33	3.33	0.3	1	3.33	1.12 No	0.3 Thermal Discharging
VKG065	351	'43841497_/_43841499'		3.33	3.33	3.33	0.3	0.9	3.33	1.12 No	0.3 Thermal Discharging
VKG065	352	'6070732_/_6070746_2'		10	10	10	0.89	3.2	10	3.36 No	0.89 Thermal Discharging
VKG065	353	'6070731_/_6070746_1'		10	10	10	0.89	1.5	10	3.36 No	0.89 Thermal Discharging
VKG065	354	'43842091_/_6073854'		3.33	3.33	3.33	0.3	1.07	3.33	1.12 No	0.3 Thermal Discharging
VKG065	355	'8313898_/_9569254'		3.33	3.33	3.33	0.3	0.3	3.33	1.12 No	0.3 Thermal Discharging
VKG065	356	'6070568_/_6070566_1'		3.33	3.33	3.33	0.3	0.5	3.33	1.12 No	0.3 Thermal Discharging
VKG065	357	'4968564_/_4968561'		3.33	3.33	3.33	0.02	1.1	3.33	1.12 No	0.02 Thermal Discharging
VKG065	358	'8311419_/_8311416_2'		3.33	3.33	3.33	0.3	0.3	3.33	1.12 No	0.3 Thermal Discharging
VKG065	359	'7818704_/_8618910_2'		3.33	3.33	3.33	0.3	0.3	3.33	1.12 No	0.3 Thermal Discharging
VKG065	360	'6073106_/_6073104_1'		3.33	3.33	3.33	0.3	0.7	3.33	1.12 No	0.3 Thermal Discharging
VKG065	361	'6072593_/_6072603'		3.33	3.33	3.33	0.3	0.47	3.33	1.12 No	0.3 Thermal Discharging
VKG065	362	'6073528_/_6073525'		3.33	3.33	3.33	0.3	0.4	3.33	1.12 No	0.3 Thermal Discharging
VKG065	363	'43841558_/_43841560'		3.33	3.33	3.33	0.3	0.4	3.33	1.12 No	0.3 Thermal Discharging
VKG065	364	'43842135_/_6073010'		3.33	3.33	3.33	0.3	0.4	3.33	1.12 No	0.3 Thermal Discharging
VKG065	365	'43616353_/_4968901'		3.33	3.33	3.33	0.3	0.4	3.33	1.12 No	0.3 Thermal Discharging
VKG065	366	'9257388_/_416365992'		10	10	10	0.89	1.7	10	3.36 No	0.89 Thermal Discharging
VKG065	367	'6070294_/_565327790_2'		3.33	3.33	3.33	0.3	0.4	3.33	1.12 No	0.3 Thermal Discharging
VKG065	368	'8618929_/_8618926_2'		3.33	3.33	3.33	0.3	0.3	3.33	1.12 No	0.3 Thermal Discharging
VKG065	369	'8624697_/_416366111'		10	10	10	0.89	1.7	10	3.36 No	0.89 Thermal Discharging
VKG065	370	'4968297_/_4968309'		6.67	6.67	6.67	0.59	1	6.67	2.24 No	0.59 Thermal Discharging
VKG065	371	'43616342_/_4968959'		3.33	3.33	3.33	0.3	0.5	3.33	1.12 No	0.3 Thermal Discharging
VKG065	372	'4968962_/_43616344'		3.33	3.33	3.33	0.3	0.5	3.33	1.12 No	0.3 Thermal Discharging
VKG065	373	'625950739_/_625950720_1'		3.33	3.33	3.33	0.3	0.3	3.33	1.12 No	0.3 Thermal Discharging
VKG065	374	'43842113_/_6073036'		3.33	3.33	3.33	0.3	0.7	3.33	1.12 No	0.3 Thermal Discharging
VKG065	375	'4968551_/_43616108'		3.33	3.33	3.33	0.02	1.1	3.33	1.12 No	0.02 Thermal Discharging
VKG065	376	'43841602_/_6070818'		3.33	3.33	3.33	0.3	0.4	3.33	1.12 No	0.3 Thermal Discharging
VKG065	377	'4968577_/_4968574'		3.33	3.33	3.33	0.02	1.1	3.33	1.12 No	0.02 Thermal Discharging
VKG065	378	'43845170_/_6072241'		6.67	6.67	6.67	0.59	1	6.67	2.24 No	0.59 Thermal Discharging
VKG065	379	'116320557_/_116320559'		6.67	6.67	6.67	0.59	1	6.67	2.24 No	0.59 Thermal Discharging
VKG065	380	'43616128_/_4968626'		3.33	3.33	3.33	0.02	1.1	3.33	1.12 No	0.02 Thermal Discharging
VKG065	381	'8311450_/_8618878'		3.33	3.33	3.33	0.3	0.5	3.33	1.12 No	0.3 Thermal Discharging
VKG065	382	'4969014_/_43616427'		3.33	3.33	3.33	0.3	0.3	3.33	1.12 No	0.3 Thermal Discharging
VKG065	383	'9084760_/_9084757'		3.33	3.33	3.33	0.3	0.3	3.33	1.12 No	0.3 Thermal Discharging
VKG065	384	'4968904_/_43616355'		3.33	3.33	3.33	0.3	0.4	3.33	1.12 No	0.3 Thermal Discharging
VKG065	385	'43844946_/_43844948'		3.33	3.33	3.33	0.3	1	3.33	1.12 No	0.3 Thermal Discharging
VKG065	386	'6070569_/_6070566_2'		3.33	3.33	3.33	0.3	0.5	3.33	1.12 No	0.3 Thermal Discharging
VKG065	387	'6070472_/_6070482'		3.33	3.33	3.33	0.3	0.4	3.33	1.12 No	0.3 Thermal Discharging
VKG065	388	'9256341_/_9256355'		3.33	3.33	3.33	0.3	0.3	3.33	1.12 No	0.3 Thermal Discharging
VKG065	389	'6072592_/_6072590'		3.33	3.33	3.33	0.3	0.47	3.33	1.12 No	0.3 Thermal Discharging
VKG065	390	'7431862_/_157300611'		10	10	10	0.89	1.4	10	3.36 No	0.89 Thermal Discharging
VKG065	391	'8068686_/_9682114'		3.33	3.33	3.33	0.3	0.7	3.33	1.12 No	0.3 Thermal Discharging
VKG065	392	'6070281_/_6070291'		3.33	3.33	3.33	0.3	0.4	3.33	1.12 No	0.3 Thermal Discharging
VKG065	393	'7362250_/_9567886'		10	10	10	0.89	1.7	10	3.36 No	0.89 Thermal Discharging
VKG065	394	'6073107_/_6073104_2'		3.33	3.33	3.33	0.3	0.7	3.33	1.12 No	0.3 Thermal Discharging
VKG065	395	'7744251_/_7744249_1'		3.33	3.33	3.33	0.3	0.3	3.33	1.12 No	0.3 Thermal Discharging
VKG065	396	'7362251_/_7362248'		10	10	10	0.89	1.2	10	3.36 No	0.89 Thermal Discharging
VKG065	397	'6087059_/_6087057'		10	10	10	0.89	1.5	10	3.36 No	0.89 Thermal Discharging
VKG065	398	'4968920_/_4968917'		3.33	3.33	3.33	0.3	0.4	3.33	1.12 No	0.3 Thermal Discharging
VKG065	399	'43841607_/_43841604'		3.33	3.33	3.33	0.3	0.4	3.33	1.12 No	0.3 Thermal Discharging
VKG065	400	'7744252_/_7744249_2'		3.33	3.33	3.33	0.3	0.3	3.33	1.12 No	0.3 Thermal Discharging
VKG065	401	'114228893_/_43842137'		3.33	3.33	3.33	0.3	0.4	3.33	1.12 No	0.3 Thermal Discharging
VKG065	402	'6070323_/_6070320'		3.33	3.33	3.33	0.3	0.4	3.33	1.12 No	0.3 Thermal Discharging
VKG065	403	'7360887_/_9392246_1'		3.33	3.33	3.33	0.3	0.3	3.33	1.12 No	0.3 Thermal Discharging
VKG065	404	'37952565_/_8384008'		3.33	3.33	3.33	0.3	0.7	3.33	1.12 No	0.3 Thermal Discharging
VKG065	405	'494847283_/_9634547_2'		3.33	3.33	3.33	0.3	0.4	3.33	1.12 No	0.3 Thermal Discharging
VKG065	406	'37952558_/_37952569'		3.33	3.33	3.33	0.3	0.7	3.33	1.12 No	0.3 Thermal Discharging
VKG065	407	'38050832_/_38050830'		3.33	3.33	3.33	0.3	0.7	3.33	1.12 No	0.3 Thermal Discharging
VKG065	408	'37952551_/_37952555'		3.33	3.33	3.33	0.3	0.7	3.33	1.12 No	0.3 Thermal Discharging
VKG065	409	'37952579_/_37952583'		3.33	3.33	3.33	0.3	0.7	3.33	1.12 No	0.3 Thermal Discharging
VKG065	410	'150020837_/_4968930_1'		3.33	3.33	3.33	0.3	0.3	3.33	1.12 No	0.3 Thermal Discharging
VKG065	411	'506833289_/_7431860'		10	10	10	0.89	1.4	10	3.36 No	0.89 Thermal Discharging
VKG065	412	'4968278_/_4968276'		6.67	6.67	6.67	0.59	1	6.67	2.24 No	0.59 Thermal Discharging
VKG065	413	'6073052_/_6073049'		3.33	3.33	3.33	0.3	0.7	3.33	1.12 No	0.3 Thermal Discharging
VKG065	414	'7431863_/_506833293'		10	10	10	0.89	1.4	10	3.36 No	0.89 Thermal Discharging
VKG065	415	'6073120_/_6073117'		3.33	3.33	3.33	0.3	0.7	3.33	1.12 No	0.3 Thermal Discharging
VKG065	416	'8312505_/_9567906'		10	10	10	0.89	1.2	10	3.36 No	0.89 Thermal Discharging
VKG065	417	'7088286_/_7088284'		3.33	3.33	3.33	0.3	0.47	3.33	1.12 No	0.3 Thermal Discharging
VKG065	418	'4968629_/_43616130'		3.33	3.33	3.33	0.02	1.1	3.33	1.12 No	0.02 Thermal Discharging
VKG065	419	'43616139_/_4968587'		3.33	3.33	3.33	0.02	1.1	3.33	1.12 No	0.02 Thermal Discharging
VKG065	420	'8313818_/_499576106'		10	10	10	0.89	1.7	10	3.36 No	0.89 Thermal Discharging
VKG065	421	'43616388_/_4968930_2'		3.33	3.33	3.33	0.3	0.3	3.33	1.12 No	0.3 Thermal Discharging
VKG065	422	'7680072_/_625950720_2'		3.33	3.33	3.33	0.3	0.3	3.33	1.12 No	0.3 Thermal Discharging
VKG065	423	'43841569_/_43841571'		3.33	3.33	3.33	0.3	0.4	3.33	1.12 No	0.3 Thermal Discharging
VKG065	424	'6070280_/_6070278'		3.33	3.33	3.33	0.3	0.4	3.33	1.12 No	0.3 Thermal Discharging
VKG065	425	'6070203_/_6085122'		3.33	3.33	3.33	0.3	1	3.33	1.12 No	0.3 Thermal Discharging
VKG065	426	'43616057_/_4971779'		6.67	6.67	6.67	0.59	1	6.67	2.24 No	0.59 Thermal Discharging
VKG065	427	'8068685_/_9010441'		3.33	3.33	3.33	0.3	0.7	3.33	1.12 No	0.3 Thermal Discharging
VKG065	428	'8313899_/_8313896'		3.33	3.33	3.33	0.3	0.3	3.33	1.12 No	0.3 Thermal Discharging
VKG065	429	'66806512_/_6070336_2'		3.33	3.33	3.33	0.3	1	3.33	1.12 No	0.3 Thermal Discharging
VKG065	430	'4968240_/_4968237_2'		3.33	3.33	3.33	0.3	0.5	3.33	1.12 No	0.3 Thermal Discharging
VKG065	431	'8068702_/_8737122_1'		3.33	3.33	3.33	0.3	0.7	3.33	1.12 No	0.3 Thermal Discharging
VKG065	432	'6070847_/_6070844'		3.33	3.33	3.33	0.3	0.5	3.33	1.12 No	0.3 Thermal Discharging
VKG065	433	'6041500_/_6087091'		10	10	10	0.89	1.5	10	3.36 No	0.89 Thermal Discharging
VKG065	434	'6073065_/_6073062'		3.33	3.33	3.33	0.3	0.7	3.33	1.12 No	0.3 Thermal Discharging
VKG065	435	'9256342_/_9256339'		3.33	3.33	3.33	0.3	0.3	3.33	1.12 No	0.3 Thermal Discharging
VKG065	436	'6085232_/_6085242_1'		3.33	3.33	3.33	0.3	0.3	3.33	1.12 No	0.3 Thermal Discharging
VKG065	437	'6070338_/_6070336_1'		3.33	3.33	3.33	0.3	0.5	3.33	1.12 No	0.3 Thermal Discharging
VKG065	438	'6079732_/_6079729_2'		3.33	3.33	3.33	0.3	0.5	3.33	1.12 No	0.3 Thermal Discharging
VKG065	439	'497089831_/_486194388'		10	10	10	0.89	1.4	10	3.36 No	0.89 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
VKG065	440	'6073078_/_6073075'	3.33	3.33	3.33	3.33	0.3	0.7	3.33	1.12 No	0.3 Thermal Discharging
VKG065	441	'4959441_/_4959438'	3.33	3.33	3.33	3.33	0.02	1.1	3.33	1.12 No	0.02 Thermal Discharging
VKG065	442	'9076187_/_9392246_2'	3.33	3.33	3.33	3.33	0.3	0.3	3.33	1.12 No	0.3 Thermal Discharging
VKG065	443	'4968946_/_4968943'	3.33	3.33	3.33	3.33	0.3	0.3	3.33	1.12 No	0.3 Thermal Discharging
VKG065	444	'45280278_/_6070456'	3.33	3.33	3.33	3.33	0.3	0.4	3.33	1.12 No	0.3 Thermal Discharging
VKG065	445	'9076188_/_9076185'	3.33	3.33	3.33	3.33	0.3	0.3	3.33	1.12 No	0.3 Thermal Discharging
VKG065	446	'579395736_/_499576089_1'	10	10	10	10	0.89	3.1	10	3.36 No	0.89 Thermal Discharging
VKG065	447	'114228932_/_43842047'	10	10	10	10	0.89	1.5	10	3.36 No	0.89 Thermal Discharging
VKG065	448	'6070202_/_6070200'	3.33	3.33	3.33	3.33	0.3	1	3.33	1.12 No	0.3 Thermal Discharging
VKG065	449	'43844515_/_6084110'	3.33	3.33	3.33	3.33	0.3	0.4	3.33	1.12 No	0.3 Thermal Discharging
VKG065	450	'4959482_/_4968237_1'	3.33	3.33	3.33	3.33	0.3	0.3	3.33	1.12 No	0.3 Thermal Discharging
VKG065	451	'8312504_/_8312502'	10	10	10	10	0.89	1.2	10	3.36 No	0.89 Thermal Discharging
VKG065	452	'7997350_/_448259725'	3.33	3.33	3.33	3.33	0.3	0.5	3.33	1.12 No	0.3 Thermal Discharging
VKG065	453	'9323685_/_58355573'	3.33	3.33	3.33	3.33	0.3	0.3	3.33	1.12 No	0.3 Thermal Discharging
VKG065	454	'8311522_/_9566902'	3.33	3.33	3.33	3.33	0.3	0.3	3.33	1.12 No	0.3 Thermal Discharging
VKG065	455	'6085218_/_6085242_2'	3.33	3.33	3.33	3.33	0.3	0.3	3.33	1.12 No	0.3 Thermal Discharging
VKG065	456	'497089774_/_497089780'	10	10	10	10	0.89	1.4	10	3.36 No	0.89 Thermal Discharging
VKG065	457	'43841288_/_6070349'	3.33	3.33	3.33	3.33	0.3	0.5	3.33	1.12 No	0.3 Thermal Discharging
VKG065	458	'4968603_/_4968600'	3.33	3.33	3.33	3.33	0.02	1.1	3.33	1.12 No	0.02 Thermal Discharging
VKG065	459	'6073094_/_6073091'	3.33	3.33	3.33	3.33	0.3	0.7	3.33	1.12 No	0.3 Thermal Discharging
VKG065	460	'4959481_/_4959479'	3.33	3.33	3.33	3.33	0.3	0.3	3.33	1.12 No	0.3 Thermal Discharging
VKG065	461	'7362230_/_8939473'	10	10	10	10	0.89	1.2	10	3.36 No	0.89 Thermal Discharging
VKG065	462	'43841266_/_6079150'	3.33	3.33	3.33	3.33	0.3	1	3.33	1.12 No	0.3 Thermal Discharging
VKG065	463	'43841405_/_6079729_1'	3.33	3.33	3.33	3.33	0.3	0.3	3.33	1.12 No	0.3 Thermal Discharging
VKG065	464	'8066995_/_9634345'	3.33	3.33	3.33	3.33	0.3	0.3	3.33	1.12 No	0.3 Thermal Discharging
VKG065	465	'7431934_/_9634547_1'	3.33	3.33	3.33	3.33	0.3	0.3	3.33	1.12 No	0.3 Thermal Discharging
VKG065	466	'6084099_/_6084097'	3.33	3.33	3.33	3.33	0.3	0.4	3.33	1.12 No	0.3 Thermal Discharging
VKG065	467	'497089764_/_698170629_1'	10	10	10	10	0.89	1.4	10	3.36 No	0.89 Thermal Discharging
VKG065	468	'4968751_/_4968749'	3.33	3.33	3.33	3.33	0.02	1.1	3.33	1.12 No	0.02 Thermal Discharging
VKG065	469	'4968616_/_4968613'	3.33	3.33	3.33	3.33	0.02	1.1	3.33	1.12 No	0.02 Thermal Discharging
VKG065	470	'7362210_/_7362228'	10	10	10	10	0.89	1.2	10	3.36 No	0.89 Thermal Discharging
VKG065	471	'504070856_/_7362208'	10	10	10	10	0.89	1.2	10	3.36 No	0.89 Thermal Discharging
VKG065	472	'43841300_/_43841290'	3.33	3.33	3.33	3.33	0.3	0.5	3.33	1.12 No	0.3 Thermal Discharging
VKG065	473	'434946996_/_422228573'	3.33	3.33	3.33	3.33	0.3	0.3	3.33	1.12 No	0.3 Thermal Discharging
VKG065	474	'4968253_/_4968250'	3.33	3.33	3.33	3.33	0.3	0.3	3.33	1.12 No	0.3 Thermal Discharging
VKG065	475	'43841394_/_6085216'	3.33	3.33	3.33	3.33	0.3	0.3	3.33	1.12 No	0.3 Thermal Discharging
VKG065	476	'43616781_/_43616783'	3.33	3.33	3.33	3.33	0.3	0.3	3.33	1.12 No	0.3 Thermal Discharging
VKG065	477	'5996917_/_7104914'	3.33	3.33	3.33	3.33	0.3	0.4	3.33	1.12 No	0.3 Thermal Discharging
VKG065	478	'7362211_/_504070860'	10	10	10	10	0.89	1.2	10	3.36 No	0.89 Thermal Discharging
VKG065	479	'474871395_/_474871365_1'	3.33	3.33	3.33	3.33	0.3	0.3	3.33	1.12 No	0.3 Thermal Discharging
VKG065	480	'6070190_/_6079163'	3.33	3.33	3.33	3.33	0.3	1	3.33	1.12 No	0.3 Thermal Discharging
VKG065	481	'4968738_/_4968736'	3.33	3.33	3.33	3.33	0.02	1	3.33	1.12 No	0.02 Thermal Discharging
VKG065	482	'6070944_/_6079176'	3.33	3.33	3.33	3.33	0.3	0.3	3.33	1.12 No	0.3 Thermal Discharging
VKG065	483	'7678749_/_8623644'	10	10	10	10	0.89	1.2	10	3.36 No	0.89 Thermal Discharging
VKG065	484	'4968266_/_4968263'	3.33	3.33	3.33	3.33	0.3	0.3	3.33	1.12 No	0.3 Thermal Discharging
VKG065	485	'7997351_/_441959720'	3.33	3.33	3.33	3.33	0.3	0.5	3.33	1.12 No	0.3 Thermal Discharging
VKG065	486	'6070368_/_6070365'	3.33	3.33	3.33	3.33	0.3	0.5	3.33	1.12 No	0.3 Thermal Discharging
VKG065	487	'6070956_/_43841396'	3.33	3.33	3.33	3.33	0.3	0.3	3.33	1.12 No	0.3 Thermal Discharging
VKG065	488	'6070189_/_6070187'	3.33	3.33	3.33	3.33	0.3	1	3.33	1.12 No	0.3 Thermal Discharging
VKG065	489	'43616235_/_4968778'	3.33	3.33	3.33	3.33	0.02	1	3.33	1.12 No	0.02 Thermal Discharging
VKG065	490	'515766039_/_386106343_1'	3.33	3.33	3.33	3.33	0.02	1	3.33	1.12 No	0.02 Thermal Discharging
VKG065	491	'501815487_/_8066993'	3.33	3.33	3.33	3.33	0.3	0.3	3.33	1.12 No	0.3 Thermal Discharging
VKG065	492	'6072230_/_6072259_1'	3.33	2.07	3.33	3.33	0.02	0.5	3.33	1.12 No	0.02 Thermal Discharging
VKG065	493	'5996916_/_5996914'	3.33	3.33	3.33	3.33	0.3	0.4	3.33	1.12 No	0.3 Thermal Discharging
VKG065	494	'9257311_/_589916499'	3.33	3.33	3.33	3.33	0.3	0.7	3.33	1.12 No	0.3 Thermal Discharging
VKG065	495	'7677545_/_434947014'	3.33	3.33	3.33	3.33	0.3	0.3	3.33	1.12 No	0.3 Thermal Discharging
VKG065	496	'7431935_/_494847300'	3.33	3.33	3.33	3.33	0.3	0.3	3.33	1.12 No	0.3 Thermal Discharging
VKG065	497	'8066996_/_501815491'	3.33	3.33	3.33	3.33	0.3	0.3	3.33	1.12 No	0.3 Thermal Discharging
VKG065	498	'4959370_/_4975813'	3.33	3.33	3.33	3.33	0.3	0.3	3.33	1.12 No	0.3 Thermal Discharging
VKG065	499	'386106611_/_386106343_2'	3.33	3.33	3.33	3.33	0.02	1	3.33	1.12 No	0.02 Thermal Discharging
VKG065	500	'116320531_/_116320533'	3.33	3.33	3.33	3.33	0.02	1	3.33	1.12 No	0.02 Thermal Discharging
VKG065	501	'6070931_/_6070941'	3.33	3.33	3.33	3.33	0.3	0.3	3.33	1.12 No	0.3 Thermal Discharging
VKG065	502	'43841311_/_6070378'	3.33	3.33	3.33	3.33	0.3	0.5	3.33	1.12 No	0.3 Thermal Discharging
VKG065	503	'43827826_/_5996940'	3.33	3.33	3.33	3.33	0.3	0.4	3.33	1.12 No	0.3 Thermal Discharging
VKG065	504	'4968697_/_4975868'	3.33	3.33	3.33	3.33	0.02	1	3.33	1.12 No	0.02 Thermal Discharging
VKG065	505	'4968810_/_4968807'	3.33	3.33	3.33	3.33	0.3	0.3	3.33	1.12 No	0.3 Thermal Discharging
VKG065	506	'43827815_/_43827817'	3.33	3.33	3.33	3.33	0.3	1	3.33	1.12 No	0.3 Thermal Discharging
VKG065	507	'4968058_/_4968056'	3.33	3.33	3.33	3.33	0.3	0.3	3.33	1.12 No	0.3 Thermal Discharging
VKG065	508	'6070957_/_6070954'	3.33	3.33	3.33	3.33	0.3	0.3	3.33	1.12 No	0.3 Thermal Discharging
VKG065	509	'4968655_/_4968694'	3.33	3.33	3.33	3.33	0.02	1	3.33	1.12 No	0.02 Thermal Discharging
VKG065	510	'7432163_/_8067009'	3.33	3.33	3.33	3.33	0.3	0.3	3.33	1.12 No	0.3 Thermal Discharging
VKG065	511	'6070394_/_43841313'	3.33	3.33	3.33	3.33	0.3	0.5	3.33	1.12 No	0.3 Thermal Discharging
VKG065	512	'8423459_/_589916469'	3.33	3.33	3.33	3.33	0.3	0.7	3.33	1.12 No	0.3 Thermal Discharging
VKG065	513	'7744551_/_494847330'	3.33	3.33	3.33	3.33	0.3	0.3	3.33	1.12 No	0.3 Thermal Discharging
VKG065	514	'5996959_/_43827828'	3.33	3.33	3.33	3.33	0.3	0.4	3.33	1.12 No	0.3 Thermal Discharging
VKG065	515	'43616792_/_4975826'	3.33	3.33	3.33	3.33	0.02	1	3.33	1.12 No	0.02 Thermal Discharging
VKG065	516	'119850075_/_119850155'	3.33	3.33	3.33	3.33	0.3	0.5	3.33	1.12 No	0.3 Thermal Discharging
VKG065	517	'119850074_/_119850071'	3.33	3.33	3.33	3.33	0.3	0.5	3.33	1.12 No	0.3 Thermal Discharging
VKG065	518	'119850096_/_119850092'	3.33	3.33	3.33	3.33	0.3	0.5	3.33	1.12 No	0.3 Thermal Discharging
VKG065	519	'119850082_/_119850078'	3.33	3.33	3.33	3.33	0.3	0.5	3.33	1.12 No	0.3 Thermal Discharging
VKG065	520	'119850089_/_119850085'	3.33	3.33	3.33	3.33	0.3	0.5	3.33	1.12 No	0.3 Thermal Discharging
VKG065	521	'485805483_/_474871365_2'	3.33	3.33	3.33	3.33	0.3	0.3	3.33	1.12 No	0.3 Thermal Discharging
VKG065	522	'4968723_/_4968720'	3.33	3.33	3.33	3.33	0.02	1	3.33	1.12 No	0.02 Thermal Discharging
VKG065	523	'4968654_/_4968652'	3.33	3.33	3.33	3.33	0.02	1	3.33	1.12 No	0.02 Thermal Discharging
VKG065	524	'56006927_/_260442369'	10	10	10	10	0.89	1.2	10	3.36 No	0.89 Thermal Discharging
VKG065	525	'485805515_/_485805531'	3.33	3.33	3.33	3.33	0.3	0.3	3.33	1.12 No	0.3 Thermal Discharging
VKG065	526	'6070918_/_6070928'	3.33	3.33	3.33	3.33	0.3	0.3	3.33	1.12 No	0.3 Thermal Discharging
VKG065	527	'5996855_/_5996885'	3.33	3.33	3.33	3.33	0.3	1	3.33	1.12 No	0.3 Thermal Discharging
VKG065	528	'7997443_/_119850172'	3.33	3.33	3.33	3.33	0.3	0.5	3.33	1.12 No	0.3 Thermal Discharging
VKG065	529	'6060305_/_7088300'	3.33	3.33	3.33	3.33	0.3	0.3	3.33	1.12 No	0.3 Thermal Discharging
VKG065	530	'5996843_/_5996853'	3.33	3.33	3.33	3.33	0.3	1	3.33	1.12 No	0.3 Thermal Discharging
VKG065	531	'66806517_/_5996869_2'	3.33	3.33	3.33	3.33	0.3	1	3.33	1.12 No	0.3 Thermal Discharging
VKG065	532	'5996830_/_5996840'	3.33	3.33	3.33	3.33	0.3	1	3.33	1.12 No	0.3 Thermal Discharging
VKG065	533	'43616258_/_4968678'	3.33	3.33	3.33	3.33	0.02	1	3.33	1.12 No	0.02 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
VKG065	534	'6070445_/_6070443'	3.33	3.33	3.33	3.33	0.3	0.5	3.33	1.12 No	0.3 Thermal Discharging
VKG065	535	'4968709_/_4975839'	3.33	3.33	3.33	3.33	0.02	1	3.33	1.12 No	0.02 Thermal Discharging
VKG065	536	'43827804_/_43827806'	3.33	3.33	3.33	3.33	0.3	1	3.33	1.12 No	0.3 Thermal Discharging
VKG065	537	'7432162_/_7432160'	3.33	3.33	3.33	3.33	0.3	0.3	3.33	1.12 No	0.3 Thermal Discharging
VKG065	538	'63697312_/_483467225_1'	3.33	3.33	3.33	3.33	0.3	0.4	3.33	1.12 No	0.3 Thermal Discharging
VKG065	539	'5996722_/_5996814'	3.33	3.33	3.33	3.33	0.3	1	3.33	1.12 No	0.3 Thermal Discharging
VKG065	540	'43841383_/_6070967'	3.33	3.33	3.33	3.33	0.3	0.3	3.33	1.12 No	0.3 Thermal Discharging
VKG065	541	'5996723_/_5996720'	3.33	3.33	3.33	3.33	0.3	1	3.33	1.12 No	0.3 Thermal Discharging
VKG065	542	'7088219_/_7088216'	3.33	3.33	3.33	3.33	0.3	0.3	3.33	1.12 No	0.3 Thermal Discharging
VKG065	543	'7427363_/_7427360_2'	3.33	3.33	3.33	3.33	0.3	1	3.33	1.12 No	0.3 Thermal Discharging
VKG065	544	'4968794_/_4968791'	3.33	3.33	3.33	3.33	0.02	1	3.33	1.12 No	0.02 Thermal Discharging
VKG065	545	'145363267_/_5996733_1'	3.33	3.33	3.33	3.33	0.3	0.1	3.33	1.12 No	0.1 Element Fault
VKG065	546	'5996972_/_5996969'	3.33	3.33	3.33	3.33	0.3	0.4	3.33	1.12 No	0.3 Thermal Discharging
VKG065	547	'6062063_/_7088268'	3.33	3.33	3.33	3.33	0.02	1	3.33	1.12 No	0.02 Thermal Discharging
VKG065	548	'7744536_/_7744549'	3.33	3.33	3.33	3.33	0.3	0.3	3.33	1.12 No	0.3 Thermal Discharging
VKG065	549	'7427362_/_7427360_1'	3.33	3.33	3.33	3.33	0.3	0.4	3.33	1.12 No	0.3 Thermal Discharging
VKG065	550	'6071051_/_6071061'	3.33	3.33	3.33	3.33	0.3	0.5	3.33	1.12 No	0.3 Thermal Discharging
VKG065	551	'111117268_/_6062048'	3.33	3.33	3.33	3.33	0.3	0.3	3.33	1.12 No	0.3 Thermal Discharging
VKG065	552	'63697197_/_483467225_2'	3.33	3.33	3.33	3.33	0.3	0.4	3.33	1.12 No	0.3 Thermal Discharging
VKG065	553	'43844605_/_6041498'	3.33	2.4	3.33	3.33	0.3	0.5	3.08	1.12 No	0.3 Thermal Discharging
VKG065	554	'473673516_/_473673498_1'	10	10	10	0.89	1.2	10	3.36 No	0.89 Thermal Discharging	
VKG065	555	'114228933_/_6041524'	3.33	2.4	3.33	3.33	0.3	0.5	3.08	1.12 No	0.3 Thermal Discharging
VKG065	556	'5996736_/_5996733_2'	3.33	3.33	3.33	3.33	0.3	0.1	3.33	1.12 No	0.1 Element Fault
VKG065	557	'4968681_/_43616260'	3.33	3.33	3.33	3.33	0.02	1	3.33	1.12 No	0.02 Thermal Discharging
VKG065	558	'6070255_/_6071074'	3.33	3.33	3.33	3.33	0.3	0.5	3.33	1.12 No	0.3 Thermal Discharging
VKG065	559	'5996871_/_5996869_1'	3.33	3.33	3.33	3.33	0.3	0.4	3.33	1.12 No	0.3 Thermal Discharging
VKG065	560	'43616224_/_4968707'	3.33	3.33	3.33	3.33	0.02	1	3.33	1.12 No	0.02 Thermal Discharging
VKG065	561	'5996985_/_5996982'	3.33	3.33	3.33	3.33	0.3	0.4	3.33	1.12 No	0.3 Thermal Discharging
VKG065	562	'8691289_/_8691286'	3.33	3.33	3.33	3.33	0.3	0.3	3.33	1.12 No	0.3 Thermal Discharging
VKG065	563	'6060167_/_43839230'	3.33	3.33	3.33	3.33	0.3	0.3	3.33	1.12 No	0.3 Thermal Discharging
VKG065	564	'43841416_/_6070915'	3.33	3.33	3.33	3.33	0.3	0.3	3.33	1.12 No	0.3 Thermal Discharging
VKG065	565	'8423458_/_589916454'	3.33	3.33	3.33	3.33	0.3	0.7	3.33	1.12 No	0.3 Thermal Discharging
VKG065	566	'7360982_/_422228643'	3.33	3.33	3.33	3.33	0.3	0.3	3.33	1.12 No	0.3 Thermal Discharging
VKG065	567	'6062064_/_6062061'	3.33	3.33	3.33	3.33	0.02	1	3.33	1.12 No	0.02 Thermal Discharging
VKG065	568	'119850257_/_119850193_2'	3.33	3.33	3.33	3.33	0.3	0.5	3.33	1.12 No	0.3 Thermal Discharging
VKG065	569	'124948280_/_6068348'	3.33	3.33	3.33	3.33	0.02	1	3.33	1.12 No	0.02 Thermal Discharging
VKG065	570	'6070306_/_7104946'	3.33	3.33	3.33	3.33	0.3	0.4	3.33	1.12 No	0.3 Thermal Discharging
VKG065	571	'6060263_/_6062077'	3.33	3.33	3.33	3.33	0.02	1	3.33	1.12 No	0.02 Thermal Discharging
VKG065	572	'43841244_/_6070252'	3.33	3.33	3.33	3.33	0.3	0.5	3.33	1.12 No	0.3 Thermal Discharging
VKG065	573	'7744535_/_9008475_1'	3.33	3.33	3.33	3.33	0.3	0.3	3.33	1.12 No	0.3 Thermal Discharging
VKG065	574	'6071038_/_6071048'	3.33	3.33	3.33	3.33	0.3	0.5	3.33	1.12 No	0.3 Thermal Discharging
VKG065	575	'5996904_/_5996901'	3.33	3.33	3.33	3.33	0.3	0.4	3.33	1.12 No	0.3 Thermal Discharging
VKG065	576	'6068280_/_6068290'	3.33	3.33	3.33	3.33	0.02	1	3.33	1.12 No	0.02 Thermal Discharging
VKG065	577	'6041514_/_43844607'	3.33	2.4	3.33	3.33	0.3	0.5	2.99	1.12 No	0.3 Thermal Discharging
VKG065	578	'43839206_/_6060164'	3.33	3.33	3.33	3.33	0.3	0.3	3.33	1.12 No	0.3 Thermal Discharging
VKG065	579	'6070983_/_6070980'	3.33	3.33	3.33	3.33	0.3	0.3	3.33	1.12 No	0.3 Thermal Discharging
VKG065	580	'43841277_/_6084969'	3.33	3.33	3.33	3.33	0.3	0.4	3.33	1.12 No	0.3 Thermal Discharging
VKG065	581	'6061941_/_7088316'	3.33	3.33	3.33	3.33	0.02	1	3.33	1.12 No	0.02 Thermal Discharging
VKG065	582	'43840672_/_6067894'	3.33	3.33	3.33	3.33	0.02	1	3.33	1.12 No	0.02 Thermal Discharging
VKG065	583	'6068322_/_6068319'	3.33	3.33	3.33	3.33	0.02	1	3.33	1.12 No	0.02 Thermal Discharging
VKG065	584	'6071037_/_6071035'	3.33	3.33	3.33	3.33	0.3	0.5	3.33	1.12 No	0.3 Thermal Discharging
VKG065	585	'6061970_/_43840451'	3.33	3.33	3.33	3.33	0.02	1	3.33	1.12 No	0.02 Thermal Discharging
VKG065	586	'7997442_/_7997440'	3.33	3.33	3.33	3.33	0.3	0.5	3.33	1.12 No	0.3 Thermal Discharging
VKG065	587	'6060264_/_6060261'	3.33	3.33	3.33	3.33	0.02	1	3.33	1.12 No	0.02 Thermal Discharging
VKG065	588	'6070307_/_6070304'	3.33	3.33	3.33	3.33	0.3	0.4	3.33	1.12 No	0.3 Thermal Discharging
VKG065	589	'43827737_/_5996746'	3.33	3.33	3.33	3.33	0.3	0.1	3.33	1.12 No	0.1 Element Fault
VKG065	590	'6060251_/_6068277'	3.33	3.33	3.33	3.33	0.02	1	3.33	1.12 No	0.02 Thermal Discharging
VKG065	591	'6061928_/_6061938'	3.33	3.33	3.33	3.33	0.02	1	3.33	1.12 No	0.02 Thermal Discharging
VKG065	592	'5997066_/_43827739'	3.33	3.33	3.33	3.33	0.3	0.1	3.33	1.12 No	0.1 Element Fault
VKG065	593	'6070229_/_6071087'	3.33	3.33	3.33	3.33	0.3	0.5	3.33	1.12 No	0.3 Thermal Discharging
VKG065	594	'8371551_/_470162766'	3.33	3.33	3.33	3.33	0.3	0.4	3.33	1.12 No	0.3 Thermal Discharging
VKG065	595	'6084972_/_43841279'	3.33	3.33	3.33	3.33	0.3	0.4	3.33	1.12 No	0.3 Thermal Discharging
VKG065	596	'6060179_/_6060177'	3.33	3.33	3.33	3.33	0.3	0.3	3.33	1.12 No	0.3 Thermal Discharging
VKG065	597	'43841255_/_43841257'	3.33	3.33	3.33	3.33	0.3	0.5	3.33	1.12 No	0.3 Thermal Discharging
VKG065	598	'6072634_/_6072619'	3.33	2.4	3.33	3.33	0.3	0.5	2.92	1.12 No	0.3 Thermal Discharging
VKG065	599	'6041287_/_6041297'	3.33	3.33	3.33	3.33	0.3	0.3	3.33	1.12 No	0.3 Thermal Discharging
VKG065	600	'6060250_/_6060248'	3.33	3.33	3.33	3.33	0.02	1	3.33	1.12 No	0.02 Thermal Discharging
VKG065	601	'43839261_/_6068332'	3.33	3.33	3.33	3.33	0.02	1	3.33	1.12 No	0.02 Thermal Discharging
VKG065	602	'9323194_/_589916439'	3.33	3.33	3.33	3.33	0.3	0.7	3.33	1.12 No	0.3 Thermal Discharging
VKG065	603	'43842001_/_6072771'	3.33	2.4	3.33	3.33	0.3	0.5	2.9	1.12 No	0.3 Thermal Discharging
VKG065	604	'43840677_/_43840674'	3.33	3.33	3.33	3.33	0.02	1	3.33	1.12 No	0.02 Thermal Discharging
VKG065	605	'504071129_/_9319524_1'	3.33	3.33	3.33	3.33	0.3	0.1	3.33	1.12 No	0.1 Element Fault
VKG065	606	'44983933_/_6070239'	3.33	3.33	3.33	3.33	0.3	0.5	3.33	1.12 No	0.3 Thermal Discharging
VKG065	607	'5997037_/_7105015'	3.33	3.33	3.33	3.33	0.3	0.5	3.33	1.12 No	0.3 Thermal Discharging
VKG065	608	'6061982_/_6062035'	3.33	3.33	3.33	3.33	0.02	1	3.33	1.12 No	0.02 Thermal Discharging
VKG065	609	'43841233_/_6070226'	3.33	3.33	3.33	3.33	0.3	0.5	3.33	1.12 No	0.3 Thermal Discharging
VKG065	610	'43840683_/_6067907'	3.33	3.33	3.33	3.33	0.02	1	3.33	1.12 No	0.02 Thermal Discharging
VKG065	611	'7360983_/_422228875'	3.33	3.33	3.33	3.33	0.3	0.3	3.33	1.12 No	0.3 Thermal Discharging
VKG065	612	'6060192_/_6060190'	3.33	3.33	3.33	3.33	0.3	0.3	3.33	1.12 No	0.3 Thermal Discharging
VKG065	613	'7104933_/_7104930'	3.33	3.33	3.33	3.33	0.3	0.4	3.33	1.12 No	0.3 Thermal Discharging
VKG065	614	'43840438_/_43840440'	3.33	3.33	3.33	3.33	0.02	1	3.33	1.12 No	0.02 Thermal Discharging
VKG065	615	'6016828_/_6016825'	3.33	3.33	3.33	3.33	0.3	0.5	3.33	1.12 No	0.3 Thermal Discharging
VKG065	616	'5997036_/_5997034'	3.33	3.33	3.33	3.33	0.3	0.5	3.33	1.12 No	0.3 Thermal Discharging
VKG065	617	'6072635_/_6072632'	3.33	2.4	3.33	3.33	0.3	0.5	2.86	1.12 No	0.3 Thermal Discharging
VKG065	618	'43841372_/_6079202'	3.33	3.33	3.33	3.33	0.3	0.3	3.33	1.12 No	0.3 Thermal Discharging
VKG065	619	'8311539_/_8938871'	3.33	3.33	3.33	3.33	0.3	0.5	3.33	1.12 No	0.3 Thermal Discharging
VKG065	620	'7737729_/_7737727_1'	3.33	3.33	3.33	3.33	0.3	0.3	3.33	1.12 No	0.3 Thermal Discharging
VKG065	621	'6068586_/_6068584'	3.33	3.33	3.33	3.33	0.3	0.3	3.33	1.12 No	0.3 Thermal Discharging
VKG065	622	'6068335_/_43839263'	3.33	3.33	3.33	3.33	0.02	1	3.33	1.12 No	0.02 Thermal Discharging
VKG065	623	'8062506_/_471706501'	3.33	3.33	3.33	3.33	0.3	0.4	3.33	1.12 No	0.3 Thermal Discharging
VKG065	624	'6062025_/_6062022'	3.33	3.33	3.33	3.33	0.02	1	3.33	1.12 No	0.02 Thermal Discharging
VKG065	625	'6072693_/_6072690'	3.33	2.4	3.33	3.33	0.3	0.5	2.84	1.12 No	0.3 Thermal Discharging
VKG065	626	'43841232_/_6070213'	3.33	3.33	3.33	3.33	0.3	0.5	3.33	1.12 No	0.3 Thermal Discharging
VKG065	627	'6060306_/_6061909_1'	3.33	3.33	3.33	3.33	0.3	0.3	3.33	1.12 No	0.3 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
VKG065	628	'8377861_/483467234'	3.33	3.33	3.33	0.3	0.4	3.33	1.12 No	0.3	Thermal Discharging
VKG065	629	'6016841_/6016838'	3.33	3.33	3.33	0.3	0.5	3.33	1.12 No	0.3	Thermal Discharging
VKG065	630	'6041286_/6041284'	1.33	3.33	3.33	0.3	0.3	3.33	1.12 No	0.3	Thermal Discharging
VKG065	631	'6060238_/6067920'	3.33	3.33	3.33	0.02	1	3.33	1.12 No	0.02	Thermal Discharging
VKG065	632	'7427459_/7737727_2'	3.33	3.33	3.33	0.3	0.3	3.33	1.12 No	0.3	Thermal Discharging
VKG065	633	'4976917_/7088252'	3.33	3.33	3.33	0.3	0.3	3.33	1.12 No	0.3	Thermal Discharging
VKG065	634	'7360999_/8311536'	3.33	3.33	3.33	0.3	0.5	3.33	1.12 No	0.3	Thermal Discharging
VKG065	635	'6061983_/6061980'	3.33	3.33	3.33	0.02	1	3.33	1.12 No	0.02	Thermal Discharging
VKG065	636	'43841990_/6072674'	3.33	2.4	3.33	0.3	0.5	2.81	1.12 No	0.3	Thermal Discharging
VKG065	637	'6072677_/43841992'	3.33	2.4	3.33	0.3	0.5	2.81	1.12 No	0.3	Thermal Discharging
VKG065	638	'6072648_/43841981'	3.33	2.4	3.33	0.3	0.5	2.8	1.12 No	0.3	Thermal Discharging
VKG065	639	'349601520_/6068652_2'	3.33	3.33	3.33	0.3	0.3	3.33	1.12 No	0.3	Thermal Discharging
VKG065	640	'6068574_/6068652_1'	3.33	3.33	3.33	0.3	0.1	3.33	1.12 No	0.1	Element Fault
VKG065	641	'6072732_/6072729'	3.33	2.4	3.33	0.3	0.5	2.79	1.12 No	0.3	Thermal Discharging
VKG065	642	'6024536_/6024533'	3.33	3.33	3.33	0.3	0.5	3.33	1.12 No	0.3	Thermal Discharging
VKG065	643	'6061996_/6061993'	3.33	3.33	3.33	0.02	1	3.33	1.12 No	0.02	Thermal Discharging
VKG065	644	'43842012_/6072703'	3.33	2.4	3.33	0.3	0.5	2.79	1.12 No	0.3	Thermal Discharging
VKG065	645	'8938858_/8938855'	3.33	3.33	3.33	0.3	0.3	3.33	1.12 No	0.3	Thermal Discharging
VKG065	646	'6060222_/6060235'	3.33	3.33	3.33	0.02	1	3.33	1.12 No	0.02	Thermal Discharging
VKG065	647	'8690423_/507995128'	3.33	3.33	3.33	0.3	0.7	3.33	1.12 No	0.3	Thermal Discharging
VKG065	648	'43833522_/6017023'	3.33	3.33	3.33	0.3	0.5	3.33	1.12 No	0.3	Thermal Discharging
VKG065	649	'126089048_/117260936'	3.33	3.33	3.33	0.3	0.4	3.32	1.12 No	0.3	Thermal Discharging
VKG065	650	'43616920_/4976915'	3.33	3.33	3.33	0.3	0.3	3.33	1.12 No	0.3	Thermal Discharging
VKG065	651	'6060221_/6060219'	3.33	3.33	3.33	0.02	1	3.33	1.12 No	0.02	Thermal Discharging
VKG065	652	'141819325_/141819289_1'	3.33	3.33	3.33	0.02	0.1	3.33	1.12 No	0.02	Thermal Discharging
VKG065	653	'6072661_/6072658'	3.33	2.4	3.33	0.3	0.5	2.75	1.12 No	0.3	Thermal Discharging
VKG065	654	'7740277_/8380572_1'	3.33	3.33	3.33	0.02	0.1	3.33	1.12 No	0.02	Thermal Discharging
VKG065	655	'8377876_/9319572'	3.33	3.33	3.33	0.3	0.4	3.31	1.12 No	0.3	Thermal Discharging
VKG065	656	'6062012_/6062009'	3.33	3.33	3.33	0.02	1	3.33	1.12 No	0.02	Thermal Discharging
VKG065	657	'6070995_/43841374'	1	3.33	3.33	0.3	0.3	3.33	1.12 No	0.3	Thermal Discharging
VKG065	658	'43842034_/43842014'	3.33	2.4	3.33	0.3	0.5	2.75	1.12 No	0.3	Thermal Discharging
VKG065	659	'43842023_/6072745'	3.33	2.4	3.33	0.3	0.5	2.74	1.12 No	0.3	Thermal Discharging
VKG065	660	'43841427_/6070899'	0.97	3.33	3.33	0.3	0.3	3.33	1.12 No	0.3	Thermal Discharging
VKG065	661	'141819332_/141819289_2'	3.33	3.33	3.33	0.02	0.1	3.33	1.12 No	0.02	Thermal Discharging
VKG065	662	'5997052_/6017010'	3.33	3.33	3.33	0.3	0.5	3.28	1.12 No	0.3	Thermal Discharging
VKG065	663	'6070996_/6070993'	0.93	3.33	3.33	0.3	0.3	3.32	1.12 No	0.3	Thermal Discharging
VKG065	664	'5997053_/5997050'	3.33	3.33	3.33	0.3	0.5	3.26	1.12 No	0.3	Thermal Discharging
VKG065	665	'4968029_/43616922'	3.33	3.33	3.33	0.3	0.3	3.32	1.12 No	0.3	Thermal Discharging
VKG065	666	'6068628_/6068571'	3.33	3.33	3.33	0.3	0.1	3.32	1.12 No	0.1	Element Fault
VKG065	667	'6060206_/9006223'	3.33	3.33	3.33	0.02	0.1	3.3	1.12 No	0.02	Thermal Discharging
VKG065	668	'6072761_/6072758'	3.33	2.4	3.33	0.3	0.5	2.7	1.12 No	0.3	Thermal Discharging
VKG065	669	'154685251_/154685220_1'	3.33	3.33	3.33	0.3	0.1	3.31	1.12 No	0.1	Element Fault
VKG065	670	'7360998_/9566918'	3.33	3.33	3.33	0.3	0.3	3.29	1.12 No	0.3	Thermal Discharging
VKG065	671	'6072787_/6072784'	3.33	2.4	3.33	0.3	0.5	2.68	1.12 No	0.3	Thermal Discharging
VKG065	672	'123453390_/7360996_1'	3.33	3.33	3.33	0.3	0.5	3.28	1.12 No	0.3	Thermal Discharging
VKG065	673	'90955184_/90955193'	3.33	2.4	3.33	0.3	0.5	2.68	1.12 No	0.3	Thermal Discharging
VKG065	674	'6071012_/6071009'	0.87	3.33	3.33	0.3	0.3	3.27	1.12 No	0.3	Thermal Discharging
VKG065	675	'7744503_/7744501_1'	3.33	2.4	3.33	0.3	0.1	2.67	1.12 No	0.1	Element Fault
VKG065	676	'90955234_/90955245'	3.33	2.4	3.33	0.3	0.5	2.67	1.12 No	0.3	Thermal Discharging
VKG065	677	'6071024_/6071022'	0.83	3.33	3.33	0.3	0.3	3.25	1.12 No	0.3	Thermal Discharging
VKG065	678	'43839250_/43839252'	3.33	3.33	3.33	0.02	0.1	3.24	1.12 No	0.02	Thermal Discharging
VKG065	679	'54312327_/6068626'	3.33	3.33	3.33	0.3	0.1	3.25	1.12 No	0.1	Element Fault
VKG065	680	'6073512_/43842036'	3.33	2.4	3.33	0.3	0.1	2.66	1.12 No	0.1	Element Fault
VKG065	681	'6072800_/6072797'	3.33	2.07	3.33	0.3	0.5	2.66	1.12 No	0.3	Thermal Discharging
VKG065	682	'4968030_/4968027'	1.8	3.33	3.33	0.3	0.3	3.24	1.12 No	0.3	Thermal Discharging
VKG065	683	'6069518_/6069516'	3.33	3.33	3.33	0.3	0.1	3.23	1.12 No	0.1	Element Fault
VKG065	684	'669820007_/8380572_2'	3.33	3.33	3.33	0.02	0.1	3.22	1.12 No	0.02	Thermal Discharging
VKG065	685	'154685202_/154685220_2'	1.63	3.33	3.33	0.3	0.1	3.23	1.12 No	0.1	Element Fault
VKG065	686	'6072813_/6072810'	3.33	2.07	3.33	0.3	0.5	2.64	1.12 No	0.3	Thermal Discharging
VKG065	687	'7744504_/7744501_2'	3.33	2.07	3.33	0.3	0.1	2.64	1.12 No	0.1	Element Fault
VKG065	688	'8110101_/262547502'	3.33	3.33	3.33	0.3	0.7	3.2	1.12 No	0.3	Thermal Discharging
VKG065	689	'43827848_/5997095'	3.33	3.33	3.33	0.3	0.5	3.16	1.12 No	0.3	Thermal Discharging
VKG065	690	'5997098_/8062615_1'	3.33	3.33	3.33	0.3	0.4	3.15	1.12 No	0.3	Thermal Discharging
VKG065	691	'8062586_/431649307'	3.33	3.33	3.33	0.3	0.4	3.14	1.12 No	0.3	Thermal Discharging
VKG065	692	'6072873_/6072897'	3.33	2.07	3.33	0.3	0.5	2.62	1.12 No	0.3	Thermal Discharging
VKG065	693	'6060205_/6060203'	3.33	3.33	3.33	0.02	0.1	3.17	1.12 No	0.02	Thermal Discharging
VKG065	694	'7427426_/126089067'	3.33	3.33	3.33	0.3	0.4	3.09	1.12 No	0.3	Thermal Discharging
VKG065	695	'43842069_/6072826'	3.33	2.07	3.33	0.3	0.5	2.61	1.12 No	0.3	Thermal Discharging
VKG065	696	'6079705_/6079703_2'	0.77	3.33	3.33	0.3	0.3	3.17	1.12 No	0.3	Thermal Discharging
VKG065	697	'4968043_/4968040'	1.43	3.33	3.33	0.3	0.3	3.17	1.12 No	0.3	Thermal Discharging
VKG065	698	'6070886_/6079703_1'	0.77	3.33	3.33	0.3	0.1	3.16	1.12 No	0.1	Element Fault
VKG065	699	'6072874_/6072871'	3.33	2.07	3.33	0.3	0.5	2.59	1.12 No	0.3	Thermal Discharging
VKG065	700	'8062618_/8062615_2'	3.33	3.33	3.33	0.3	0.4	3.08	1.12 No	0.3	Thermal Discharging
VKG065	701	'6072845_/6072842'	3.33	2.07	3.33	0.3	0.5	2.58	1.12 No	0.3	Thermal Discharging
VKG065	702	'7427458_/7427456_1'	3.33	3.33	3.33	0.3	0.3	3.07	1.12 No	0.3	Thermal Discharging
VKG065	703	'43616953_/4976902'	1.3	3.33	3.33	0.3	0.3	3.11	1.12 No	0.3	Thermal Discharging
VKG065	704	'6070873_/6070883'	0.73	3.33	3.33	0.3	0.1	3.11	1.12 No	0.1	Element Fault
VKG065	705	'4976943_/43616955'	1.27	3.33	3.33	0.3	0.3	3.09	1.12 No	0.3	Thermal Discharging
VKG065	706	'6072887_/6072884'	3.33	2.07	3.33	0.3	0.5	2.55	1.12 No	0.3	Thermal Discharging
VKG065	707	'6072858_/6072855'	3.33	2.07	3.33	0.3	0.5	2.54	1.12 No	0.3	Thermal Discharging
VKG065	708	'9319527_/504071133'	3.33	3.33	3.33	0.3	0.1	2.98	1.12 No	0.1	Element Fault
VKG065	709	'43841438_/6070870'	0.67	3.33	3.33	0.3	0.1	3.05	1.12 No	0.1	Element Fault
VKG065	710	'8420881_/589916423'	3.33	3.33	3.33	0.3	0.7	3.04	1.12 No	0.3	Thermal Discharging
VKG065	711	'4976944_/4976941'	1.17	3.33	3.33	0.3	0.3	3.04	1.12 No	0.3	Thermal Discharging
VKG065	712	'7363705_/9568916_1'	1.17	3.33	3.33	0.3	0.1	3.03	1.12 No	0.1	Element Fault
VKG065	713	'43842058_/6072910'	3.33	2.07	3.33	0.3	0.5	2.51	1.12 No	0.3	Thermal Discharging
VKG065	714	'6087238_/6087235'	3.33	2.07	3.33	0.3	0.5	2.5	1.12 No	0.3	Thermal Discharging
VKG065	715	'43841437_/6070857'	0.63	3.33	3.33	0.3	0.1	2.98	1.12 No	0.1	Element Fault
VKG065	716	'7427427_/117260925'	3.33	3.33	3.33	0.3	0.4	2.91	1.12 No	0.3	Thermal Discharging
VKG065	717	'6072926_/6072923'	3.33	2.07	3.33	0.3	0.5	2.48	1.12 No	0.3	Thermal Discharging
VKG065	718	'4977146_/4977143'	1.03	3.33	3.33	0.3	0.3	2.94	1.12 No	0.3	Thermal Discharging
VKG065	719	'4976970_/4976967'	1.03	3.33	3.33	0.3	0.3	2.93	1.12 No	0.3	Thermal Discharging
VKG065	720	'9568919_/9568916_2'	1	3.33	3.33	0.3	0.1	2.9	1.12 No	0.1	Element Fault
VKG065	721	'9008302_/436429223'	3.33	3.33	3.33	0.3	0.4	2.84	1.12 No	0.3	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
VKG065	722	'7478545_/_589916408'	1.37	3.33	3.33	0.3	0.7	2.88	1.12 No	0.3	Thermal Discharging
VKG065	723	'43842080_/_6072939'	3.33	2.07	3.33	0.3	0.5	2.43	1.12 No	0.3	Thermal Discharging
VKG065	724	'7737698_/_470162801'	3.33	3.33	3.33	0.3	0.4	2.8	1.12 No	0.3	Thermal Discharging
VKG065	725	'6072942_/_43842082'	3.33	2.07	3.33	0.3	0.5	2.37	1.12 No	0.3	Thermal Discharging
VKG065	726	'7478544_/_448644824'	1.17	3.33	3.33	0.3	0.7	2.77	1.12 No	0.3	Thermal Discharging
VKG065	727	'510169503_/_510169546'	3.33	3.33	3.33	0.3	0.1	2.66	1.12 No	0.1	Element Fault
VKG065	728	'8377337_/_9008299'	3.33	3.33	3.33	0.3	0.4	2.67	1.12 No	0.3	Thermal Discharging
VKG065	729	'8062601_/_431649280'	3.33	3.33	3.33	0.3	0.4	2.66	1.12 No	0.3	Thermal Discharging
VKG065	730	'8411853_/_589916393'	1.03	3.33	3.33	0.3	0.7	2.67	1.12 No	0.3	Thermal Discharging
VKG065	731	'8377336_/_8377334'	1.33	3.33	3.33	0.3	0.4	2.6	1.12 No	0.3	Thermal Discharging
VKG065	732	'434553095_/_433533214_1'	1.1	3.33	3.33	0.3	0.4	2.53	1.12 No	0.3	Thermal Discharging
VKG065	733	'381004976_/_324624776_1'	0.93	3.33	3.33	0.3	0.7	2.56	1.12 No	0.3	Thermal Discharging
VKG065	734	'7427443_/_651433264'	1.07	3.33	3.33	0.3	0.4	2.49	1.12 No	0.3	Thermal Discharging
VKG071	0	'VKG071_/_402577168_1'	10	10	10	0.27	10	10	10 No	0.27	Thermal Discharging
VKG071	1	'400672300_/_402577168_1'	10	10	10	0.27	10	10	7.34 No	0.27	Thermal Discharging
VKG071	2	'4971332_/_402577168_2'	10	10	10	0.27	10	10	7.34 No	0.27	Thermal Discharging
VKG071	3	'358751438_/_4972361'	10	10	10	0.27	10	10	7.34 No	0.27	Thermal Discharging
VKG071	4	'397230878_/_397230880'	10	10	10	0.27	10	10	7.34 No	0.27	Thermal Discharging
VKG071	5	'4971315_/_4971329'	10	10	10	0.27	10	10	7.34 No	0.27	Thermal Discharging
VKG071	6	'402577512_/_402577443_2'	10	10	10	0.27	4.2	10	7.34 No	0.27	Thermal Discharging
VKG071	7	'43616412_/_4971312'	10	10	10	0.27	10	10	7.34 No	0.27	Thermal Discharging
VKG071	8	'4971281_/_4971295'	10	10	10	0.27	10	10	7.34 No	0.27	Thermal Discharging
VKG071	9	'641732786_/_641732751_1'	10	10	10	0.27	1.4	10	7.34 No	0.27	Thermal Discharging
VKG071	10	'4971264_/_4971278'	10	10	10	0.27	10	10	7.34 No	0.27	Thermal Discharging
VKG071	11	'388286587_/_4971261_2'	10	10	10	0.27	10	10	7.34 No	0.27	Thermal Discharging
VKG071	12	'402577439_/_402577443_1'	10	10	10	0.27	1.4	10	7.34 No	0.27	Thermal Discharging
VKG071	13	'395711490_/_395711494'	10	10	10	0.27	1.4	10	7.34 No	0.27	Thermal Discharging
VKG071	14	'4971247_/_4971261_1'	10	10	10	0.27	10	10	7.34 No	0.27	Thermal Discharging
VKG071	15	'130090049_/_7361012_1'	10	10	10	0.27	3.2	10	7.34 No	0.27	Thermal Discharging
VKG071	16	'4971230_/_4971244'	10	10	10	0.27	10	10	7.34 No	0.27	Thermal Discharging
VKG071	17	'4971213_/_4971227'	10	10	10	0.27	10	10	7.34 No	0.27	Thermal Discharging
VKG071	18	'4971196_/_4971210'	10	10	10	0.27	10	10	7.34 No	0.27	Thermal Discharging
VKG071	19	'7360943_/_9566882_1'	10	10	10	0.27	1.4	10	7.34 No	0.27	Thermal Discharging
VKG071	20	'9687353_/_4971193_2'	10	10	10	0.27	10	10	7.34 No	0.27	Thermal Discharging
VKG071	21	'4971176_/_4971193_1'	10	10	10	0.27	10	10	7.34 No	0.27	Thermal Discharging
VKG071	22	'474160549_/_473388572_2'	10	10	10	0.27	5.1	10	7.34 No	0.27	Thermal Discharging
VKG071	23	'4971175_/_4971173'	10	10	10	0.27	10	10	7.34 No	0.27	Thermal Discharging
VKG071	24	'7360922_/_7360920_1'	10	10	10	0.27	1.4	10	7.34 No	0.27	Thermal Discharging
VKG071	25	'7360251_/_7361012_2'	10	10	10	0.27	3.2	10	7.34 No	0.27	Thermal Discharging
VKG071	26	'8311486_/_9566882_2'	10	10	10	0.27	1.4	10	7.34 No	0.27	Thermal Discharging
VKG071	27	'641732722_/_641732751_2'	10	10	10	0.27	1.4	10	7.34 No	0.27	Thermal Discharging
VKG071	28	'7360250_/_7360248'	10	10	10	0.27	3.2	10	7.34 No	0.27	Thermal Discharging
VKG071	29	'7360923_/_7360920_2'	10	10	10	0.27	1.4	10	7.34 No	0.27	Thermal Discharging
VKG071	30	'7677506_/_641732767'	10	10	10	0.27	1.4	10	7.34 No	0.27	Thermal Discharging
VKG071	31	'395748917_/_395748936'	3.33	3.33	3.33	0.09	0.47	3.33	2.45 No	0.09	Thermal Discharging
VKG071	32	'7360390_/_473388572_1'	10	10	10	0.27	3.2	10	7.34 No	0.27	Thermal Discharging
VKG071	33	'465710618_/_49471587'	10	10	10	0.27	10	10	7.34 No	0.27	Thermal Discharging
VKG071	34	'500301380_/_500301255_2'	10	10	10	0.27	10	10	7.34 No	0.27	Thermal Discharging
VKG071	35	'49471590_/_465710622'	10	10	10	0.27	10	10	7.34 No	0.27	Thermal Discharging
VKG071	36	'8312053_/_472510571'	10	10	10	0.27	3.2	10	7.34 No	0.27	Thermal Discharging
VKG071	37	'8311487_/_8311484'	10	10	10	0.27	1.4	10	7.34 No	0.27	Thermal Discharging
VKG071	38	'7360962_/_507137971'	10	10	10	0.27	1.4	10	7.34 No	0.27	Thermal Discharging
VKG071	39	'7481565_/_7481562'	10	10	10	0.27	3.2	10	7.34 No	0.27	Thermal Discharging
VKG071	40	'500301230_/_500301255_1'	10	10	10	0.27	10	10	7.34 No	0.27	Thermal Discharging
VKG071	41	'395748969_/_395748966'	3.33	3.33	3.33	0.09	0.47	3.33	2.45 No	0.09	Thermal Discharging
VKG071	42	'9256802_/_414259574'	10	10	10	0.27	1.4	10	7.34 No	0.27	Thermal Discharging
VKG071	43	'7481605_/_7792193'	10	10	10	0.27	3.2	10	7.34 No	0.27	Thermal Discharging
VKG071	44	'9567169_/_9567166'	10	10	10	0.27	1.4	10	7.34 No	0.27	Thermal Discharging
VKG071	45	'8938837_/_9256319'	10	10	10	0.27	1.4	10	7.34 No	0.27	Thermal Discharging
VKG071	46	'130090057_/_8938835_1'	10	10	10	0.27	1.4	10	7.34 No	0.27	Thermal Discharging
VKG071	47	'500301315_/_465710680'	10	10	10	0.27	10	10	7.34 No	0.27	Thermal Discharging
VKG071	48	'438802619_/_414259593_1'	10	10	10	0.27	1.4	10	7.34 No	0.27	Thermal Discharging
VKG071	49	'465710217_/_500301340'	10	10	10	0.27	10	10	7.34 No	0.27	Thermal Discharging
VKG071	50	'465710212_/_465710215'	10	10	10	0.27	10	10	7.34 No	0.27	Thermal Discharging
VKG071	51	'465710211_/_465710209'	10	10	10	0.27	10	10	7.34 No	0.27	Thermal Discharging
VKG071	52	'465710229_/_465710227'	10	10	10	0.27	4.6	10	7.34 No	0.27	Thermal Discharging
VKG071	53	'465710223_/_465710221'	10	10	10	0.27	4.5	10	7.34 No	0.27	Thermal Discharging
VKG071	54	'491906169_/_465710381'	10	10	10	0.27	4.6	10	7.34 No	0.27	Thermal Discharging
VKG071	55	'7481604_/_7481602'	10	10	10	0.27	3.2	10	7.34 No	0.27	Thermal Discharging
VKG071	56	'8312012_/_472510525'	10	10	10	0.27	3.2	10	7.34 No	0.27	Thermal Discharging
VKG071	57	'415252817_/_474160647'	10	10	10	0.27	4.6	10	7.34 No	0.27	Thermal Discharging
VKG071	58	'7360290_/_472510489'	10	10	10	0.27	3.2	10	7.34 No	0.27	Thermal Discharging
VKG071	59	'475000374_/_473295170'	10	10	10	0.27	4.6	10	7.34 No	0.27	Thermal Discharging
VKG071	60	'7676698_/_473295275'	10	10	10	0.27	3.2	10	7.34 No	0.27	Thermal Discharging
VKG071	61	'7360430_/_7996826'	10	10	10	0.27	3.2	10	7.34 No	0.27	Thermal Discharging
VKG071	62	'68709546_/_475000397'	10	10	10	0.27	4.6	10	7.34 No	0.27	Thermal Discharging
VKG071	63	'500301147_/_465710527_1'	4.1	10	10	0.27	3.2	10	7.34 No	0.27	Thermal Discharging
VKG071	64	'7997858_/_473295245'	10	10	10	0.27	3.2	10	7.34 No	0.27	Thermal Discharging
VKG071	65	'7360431_/_7360428'	10	10	10	0.27	3.2	10	7.34 No	0.27	Thermal Discharging
VKG071	66	'7676857_/_7676855'	10	10	10	0.27	3.2	10	7.34 No	0.27	Thermal Discharging
VKG071	67	'7676657_/_7996746'	10	10	10	0.27	3.2	10	7.34 No	0.27	Thermal Discharging
VKG071	68	'7676678_/_473295207'	10	10	10	0.27	3.2	10	7.34 No	0.27	Thermal Discharging
VKG071	69	'7676658_/_7676655'	6.7	10	10	0.27	3.2	10	7.34 No	0.27	Thermal Discharging
VKG071	70	'86074779_/_86074808'	5.8	10	10	0.27	3.2	10	7.34 No	0.27	Thermal Discharging
VKG071	71	'7360411_/_474160597'	5.4	10	10	0.27	3.2	10	7.34 No	0.27	Thermal Discharging
VKG071	72	'86074725_/_86074790'	5	10	10	0.27	3.2	10	7.34 No	0.27	Thermal Discharging
VKG071	73	'8622474_/_86074731'	4.7	10	10	0.27	3.2	10	7.34 No	0.27	Thermal Discharging
VKG071	74	'491906155_/_491906210'	4.5	10	10	0.27	3.2	10	7.34 No	0.27	Thermal Discharging
VKG071	75	'465710467_/_465710551'	4.4	10	10	0.27	3.2	10	7.34 No	0.27	Thermal Discharging
VKG071	76	'465710448_/_465710464'	4.4	10	10	0.27	3.2	10	7.34 No	0.27	Thermal Discharging
VKG071	77	'465710461_/_465710458'	4.4	10	10	0.27	3.2	10	7.34 No	0.27	Thermal Discharging
VKG071	78	'465710455_/_465710452'	4.4	10	10	0.27	3.2	10	7.34 No	0.27	Thermal Discharging
VKG071	79	'465710449_/_465710446'	4.4	10	10	0.27	3.2	10	7.34 No	0.27	Thermal Discharging
VKG071	80	'500300892_/_500301020'	4.2	10	10	0.27	3.2	10	7.34 No	0.27	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
VKG071	81	'8622475_/_8622472'		3.6	10	10	0.27	3.2	10	7.34 No	0.27 Thermal Discharging
VKG071	82	'350380210_/_350380214'		2.2	6.67	6.67	0.18	2.13	6.67	4.9 No	0.18 Thermal Discharging
VKG071	83	'350380254_/_350380258'		3.3	10	10	0.27	3.2	10	7.34 No	0.27 Thermal Discharging
VKG071	84	'500301176_/_211925414_1'		3.1	10	10	0.27	3.2	10	7.34 No	0.27 Thermal Discharging
VKG071	85	'8622555_/_9255797'		2.8	10	10	0.27	3.2	10	7.34 No	0.27 Thermal Discharging
VKG071	86	'441959965_/_441960013_2'		2.8	10	10	0.27	3.2	10	7.34 No	0.27 Thermal Discharging
VKG071	87	'350380298_/_350380317'		0.63	3.33	3.33	0.09	1.07	3.33	2.45 No	0.09 Thermal Discharging
VKG072	0	'VKG072_/_400202531'		10	10	10	0.6	10	10	10 No	0.6 Thermal Discharging
VKG072	1	'400202473_/_400202531'		10	10	10	0.6	10	10	5.05 No	0.6 Thermal Discharging
VKG072	2	'351926064_/_359117641'		10	10	10	0.6	10	10	5.05 No	0.6 Thermal Discharging
VKG072	3	'351926041_/_351926062'		10	10	10	0.6	10	10	5.05 No	0.6 Thermal Discharging
VKG072	4	'351926056_/_351926054'		10	10	10	0.6	10	10	5.05 No	0.6 Thermal Discharging
VKG072	5	'351926040_/_351926038'		10	10	10	0.6	4.7	10	5.05 No	0.6 Thermal Discharging
VKG072	6	'351926048_/_351926046'		10	10	10	0.6	10	10	5.05 No	0.6 Thermal Discharging
VKG072	7	'37863669_/_351926145'		10	10	10	0.6	10	10	5.05 No	0.6 Thermal Discharging
VKG072	8	'351926700_/_351926317_1'		10	10	10	0.6	10	10	5.05 No	0.6 Thermal Discharging
VKG072	9	'358751927_/_358752009'		10	10	10	0.6	4.7	10	5.05 No	0.6 Thermal Discharging
VKG072	10	'358751926_/_358751924'		10	10	10	0.6	4.7	10	5.05 No	0.6 Thermal Discharging
VKG072	11	'358751943_/_358751940'		3.33	3.33	3.33	0.2	1.57	3.33	1.68 No	0.2 Thermal Discharging
VKG072	12	'358751935_/_358751932'		10	10	10	0.6	4.7	10	5.05 No	0.6 Thermal Discharging
VKG072	13	'358751951_/_358751948'		10	10	10	0.6	4.7	10	5.05 No	0.6 Thermal Discharging
VKG072	14	'351926602_/_351926317_2'		10	10	10	0.6	10	10	5.05 No	0.6 Thermal Discharging
VKG072	15	'419159085_/_43615864'		10	10	10	0.6	10	10	5.05 No	0.6 Thermal Discharging
VKG072	16	'359117750_/_359117769'		3.33	3.33	3.33	0.2	1.4	3.33	1.68 No	0.2 Thermal Discharging
VKG072	17	'4970358_/_351926652'		10	10	10	0.6	10	10	5.05 No	0.6 Thermal Discharging
VKG072	18	'353253899_/_353253896'		10	10	10	0.6	10	10	5.05 No	0.6 Thermal Discharging
VKG072	19	'359970431_/_353254785_1'		10	10	10	0.6	1.5	10	5.05 No	0.6 Thermal Discharging
VKG072	20	'358752066_/_358752110'		10	10	10	0.6	4.7	10	5.05 No	0.6 Thermal Discharging
VKG072	21	'353253919_/_353253916'		10	10	10	0.6	10	10	5.05 No	0.6 Thermal Discharging
VKG072	22	'353253939_/_353253936'		10	10	10	0.6	10	10	5.05 No	0.6 Thermal Discharging
VKG072	23	'353253959_/_353253956'		10	10	10	0.6	10	10	5.05 No	0.6 Thermal Discharging
VKG072	24	'353254777_/_353254727_1'		10	10	10	0.6	1.5	10	5.05 No	0.6 Thermal Discharging
VKG072	25	'353253979_/_353253976'		10	10	10	0.6	10	10	5.05 No	0.6 Thermal Discharging
VKG072	26	'353253999_/_353253996'		10	10	10	0.6	10	10	5.05 No	0.6 Thermal Discharging
VKG072	27	'362479820_/_353254673_1'		10	10	10	0.6	2.2	10	5.05 No	0.6 Thermal Discharging
VKG072	28	'353254051_/_353254016'		10	10	10	0.6	10	10	5.05 No	0.6 Thermal Discharging
VKG072	29	'353254019_/_353254053'		10	10	10	0.6	10	10	5.05 No	0.6 Thermal Discharging
VKG072	30	'353254253_/_353254203_1'		10	10	10	0.6	10	10	5.05 No	0.6 Thermal Discharging
VKG072	31	'7360489_/_353254785_2'		10	10	10	0.6	1.5	10	5.05 No	0.6 Thermal Discharging
VKG072	32	'358752154_/_358752196'		10	10	10	0.6	4.7	10	5.05 No	0.6 Thermal Discharging
VKG072	33	'709298793_/_709298815'		10	10	10	0.6	4.7	10	5.05 No	0.6 Thermal Discharging
VKG072	34	'353254092_/_353254203_2'		10	10	10	0.6	10	10	5.05 No	0.6 Thermal Discharging
VKG072	35	'353254093_/_353254090'		10	10	10	0.6	10	10	5.05 No	0.6 Thermal Discharging
VKG072	36	'353254100_/_353254098'		10	10	10	0.6	10	10	5.05 No	0.6 Thermal Discharging
VKG072	37	'353254108_/_353254106'		10	10	10	0.6	4.5	10	5.05 No	0.6 Thermal Discharging
VKG072	38	'353254116_/_353254114'		10	10	10	0.6	4.6	10	5.05 No	0.6 Thermal Discharging
VKG072	39	'8311803_/_9256587'		10	10	10	0.6	4.7	10	5.05 No	0.6 Thermal Discharging
VKG072	40	'8311023_/_353254727_2'		10	10	10	0.6	1.5	10	5.05 No	0.6 Thermal Discharging
VKG072	41	'346889239_/_346889321'		10	10	10	0.6	4.6	10	5.05 No	0.6 Thermal Discharging
VKG072	42	'346889238_/_346889236'		10	10	10	0.6	4.6	10	5.05 No	0.6 Thermal Discharging
VKG072	43	'346889263_/_346889260'		10	10	10	0.6	4.6	10	5.05 No	0.6 Thermal Discharging
VKG072	44	'346889255_/_346889252'		10	10	10	0.6	4.6	10	5.05 No	0.6 Thermal Discharging
VKG072	45	'346889247_/_346889244'		10	10	10	0.6	4.6	10	5.05 No	0.6 Thermal Discharging
VKG072	46	'8311802_/_8311800'		10	10	10	0.6	4.7	10	5.05 No	0.6 Thermal Discharging
VKG072	47	'7996849_/_353254673_2'		10	10	10	0.6	2.2	10	5.05 No	0.6 Thermal Discharging
VKG072	48	'354465611_/_354465576_1'		10	10	10	0.6	4.6	10	5.05 No	0.6 Thermal Discharging
VKG072	49	'358327814_/_353254464'		6.67	6.67	6.67	0.4	3.07	6.67	3.37 No	0.4 Thermal Discharging
VKG072	50	'7678729_/_8312700'		10	10	10	0.6	4.7	10	5.05 No	0.6 Thermal Discharging
VKG072	51	'346889198_/_353254311'		10	10	10	0.6	10	10	5.05 No	0.6 Thermal Discharging
VKG072	52	'353254321_/_346889202'		10	10	10	0.6	10	10	5.05 No	0.6 Thermal Discharging
VKG072	53	'344565792_/_346888669'		10	10	10	0.6	10	10	5.05 No	0.6 Thermal Discharging
VKG072	54	'359118038_/_359118057'		3.33	3.33	3.33	0.2	1.4	3.33	1.68 No	0.2 Thermal Discharging
VKG072	55	'342137480_/_344565800'		10	10	10	0.6	10	10	5.05 No	0.6 Thermal Discharging
VKG072	56	'346889461_/_354465514'		3.33	3.33	3.33	0.2	1.4	3.33	1.68 No	0.2 Thermal Discharging
VKG072	57	'385001107_/_385001071_1'		3.33	3.33	3.33	0.2	1.4	3.33	1.68 No	0.2 Thermal Discharging
VKG072	58	'353254370_/_385001071_2'		3.33	3.33	3.33	0.2	1.4	3.33	1.68 No	0.2 Thermal Discharging
VKG072	59	'43616485_/_353254372'		3.33	3.33	3.33	0.2	1.4	3.33	1.68 No	0.2 Thermal Discharging
VKG072	60	'362479980_/_4971944'		3.33	3.33	3.33	0.2	1.1	3.33	1.68 No	0.2 Thermal Discharging
VKG072	61	'8312093_/_9568058'		10	10	10	0.6	4.7	10	5.05 No	0.6 Thermal Discharging
VKG072	62	'358327942_/_358327894_2'		3.33	3.33	3.33	0.2	1.1	3.33	1.68 No	0.2 Thermal Discharging
VKG072	63	'362480009_/_362479984_1'		3.33	3.33	3.33	0.2	0.4	3.33	1.68 No	0.2 Thermal Discharging
VKG072	64	'342137412_/_342137490'		10	10	10	0.6	10	10	5.05 No	0.6 Thermal Discharging
VKG072	65	'8312092_/_8312090'		10	10	10	0.6	4.7	10	5.05 No	0.6 Thermal Discharging
VKG072	66	'7678046_/_8623380'		10	10	10	0.6	4.7	10	5.05 No	0.6 Thermal Discharging
VKG072	67	'7678045_/_7678043'		10	10	10	0.6	4.7	10	5.05 No	0.6 Thermal Discharging
VKG072	68	'8312113_/_8312110'		10	10	10	0.6	4.7	10	5.05 No	0.6 Thermal Discharging
VKG072	69	'426162474_/_9256909_2'		10	10	10	0.6	4.7	10	5.05 No	0.6 Thermal Discharging
VKG072	70	'43615191_/_362479984_2'		3.33	3.33	3.33	0.2	0.4	3.33	1.68 No	0.2 Thermal Discharging
VKG072	71	'4966287_/_4966284'		3.33	3.33	3.33	0.2	0.4	3.33	1.68 No	0.2 Thermal Discharging
VKG072	72	'72491309_/_342137418'		10	10	10	0.6	10	10	5.05 No	0.6 Thermal Discharging
VKG072	73	'72491346_/_72491382'		10	10	10	0.6	10	10	5.05 No	0.6 Thermal Discharging
VKG072	74	'4966303_/_4966300'		3.33	3.33	3.33	0.2	0.4	3.33	1.68 No	0.2 Thermal Discharging
VKG072	75	'37864012_/_7361400'		10	10	10	0.6	10	10	5.05 No	0.6 Thermal Discharging
VKG072	76	'403418997_/_37864009'		10	10	10	0.6	10	10	5.05 No	0.6 Thermal Discharging
VKG072	77	'37876723_/_37876727'		10	10	10	0.6	10	10	5.05 No	0.6 Thermal Discharging
VKG072	78	'37876715_/_37876734'		10	10	10	0.6	2.2	10	5.05 No	0.6 Thermal Discharging
VKG072	79	'37863991_/_37863988'		10	10	10	0.6	10	10	5.05 No	0.6 Thermal Discharging
VKG072	80	'359118086_/_359118090'		10	10	10	0.6	4.6	10	5.05 No	0.6 Thermal Discharging
VKG072	81	'63997027_/_8005450'		10	10	10	0.6	2.2	10	5.05 No	0.6 Thermal Discharging
VKG072	82	'65197277_/_65197279'		10	10	10	0.6	10	10	5.05 No	0.6 Thermal Discharging
VKG072	83	'641932621_/_641932651'		3.33	3.33	3.33	0.2	1.4	3.33	1.68 No	0.2 Thermal Discharging
VKG072	84	'43615202_/_4966313'		3.33	3.33	3.33	0.2	0.4	3.33	1.68 No	0.2 Thermal Discharging
VKG072	85	'499252991_/_346888865'		8.1	10	10	0.6	4.6	10	5.05 No	0.6 Thermal Discharging
VKG072	86	'8420932_/_8420930'		10	10	10	0.6	10	10	5.05 No	0.6 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Over- Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
VKG072	87	'615218597___/499253035'		8.3	10	10	0.6	4.6	10	5.05 No	0.6 Thermal Discharging
VKG072	88	'65195956___/71512758'		10	10	10	0.6	10	10	5.05 No	0.6 Thermal Discharging
VKG072	89	'403795387___/65195954'		10	10	10	0.6	10	10	5.05 No	0.6 Thermal Discharging
VKG072	90	'65195980___/65195978'		10	10	10	0.6	2.3	10	5.05 No	0.6 Thermal Discharging
VKG072	91	'65195968___/65195972'		10	10	10	0.6	2.2	10	5.05 No	0.6 Thermal Discharging
VKG072	92	'65195944___/65195948'		10	10	10	0.6	10	10	5.05 No	0.6 Thermal Discharging
VKG072	93	'358327857___/358327894_1'		3.33	3.33	3.33	0.2	1.1	3.33	1.68 No	0.2 Thermal Discharging
VKG072	94	'37876842___/65196124'		10	10	10	0.6	2.2	10	5.05 No	0.6 Thermal Discharging
VKG072	95	'37876813___/37876846'		10	10	10	0.6	2.2	10	5.05 No	0.6 Thermal Discharging
VKG072	96	'37876814___/37876811'		6.67	6.67	6.67	0.4	1.47	6.67	3.37 No	0.4 Thermal Discharging
VKG072	97	'403419225___/403419222'		6.67	6.67	6.67	0.4	1.47	6.67	3.37 No	0.4 Thermal Discharging
VKG072	98	'37876828___/37876832'		10	10	10	0.6	2.2	10	5.05 No	0.6 Thermal Discharging
VKG072	99	'65196158___/65196196'		10	10	10	0.6	2.3	10	5.05 No	0.6 Thermal Discharging
VKG072	100	'359118175___/641932637'		3.33	3.33	3.33	0.2	1.4	3.33	1.68 No	0.2 Thermal Discharging
VKG072	101	'359118129___/359118133'		6.67	6.67	6.67	0.4	3.07	6.67	3.37 No	0.4 Thermal Discharging
VKG072	102	'37876009___/9263361'		10	10	10	0.6	10	10	5.05 No	0.6 Thermal Discharging
VKG072	103	'403402648___/37876013'		10	10	10	0.6	10	10	5.05 No	0.6 Thermal Discharging
VKG072	104	'37876058___/37876055'		10	10	10	0.6	4.5	10	5.05 No	0.6 Thermal Discharging
VKG072	105	'37876044___/37876041'		10	10	10	0.6	4.5	10	5.05 No	0.6 Thermal Discharging
VKG072	106	'37876030___/37876027'		10	10	10	0.6	10	10	5.05 No	0.6 Thermal Discharging
VKG072	107	'37876772___/65196035'		10	10	10	0.6	10	10	5.05 No	0.6 Thermal Discharging
VKG072	108	'403419090___/37876769'		10	10	10	0.6	10	10	5.05 No	0.6 Thermal Discharging
VKG072	109	'37876758___/37876755'		10	10	10	0.6	2.2	10	5.05 No	0.6 Thermal Discharging
VKG072	110	'403419091___/37876783'		10	10	10	0.6	10	10	5.05 No	0.6 Thermal Discharging
VKG072	111	'37876800___/37876797'		10	10	10	0.6	10	10	5.05 No	0.6 Thermal Discharging
VKG072	112	'119846754___/119846553'		10	10	10	0.6	10	10	5.05 No	0.6 Thermal Discharging
VKG072	113	'4966329___/43615204'		3.33	3.33	3.33	0.2	0.4	3.33	1.68 No	0.2 Thermal Discharging
VKG072	114	'615218615___/615218601'		4.27	6.67	6.67	0.4	3.07	6.67	3.37 No	0.4 Thermal Discharging
VKG072	115	'69116395___/69116400'		3.33	3.33	3.33	0.2	0.73	3.33	1.68 No	0.2 Thermal Discharging
VKG072	116	'615218579___/615218651'		2.67	3.33	3.33	0.2	1.4	3.33	1.68 No	0.2 Thermal Discharging
VKG072	117	'63997063___/63997053'		3.33	3.33	3.33	0.2	0.73	3.33	1.68 No	0.2 Thermal Discharging
VKG072	118	'708631803___/615218619'		5.7	10	10	0.6	4.6	10	5.05 No	0.6 Thermal Discharging
VKG072	119	'617364953___/509063957'		10	10	10	0.6	10	10	5.05 No	0.6 Thermal Discharging
VKG072	120	'436428334___/436428412'		10	10	10	0.6	4.5	10	5.05 No	0.6 Thermal Discharging
VKG072	121	'7684667___/65196161'		10	10	10	0.6	2.3	10	5.05 No	0.6 Thermal Discharging
VKG072	122	'65196432___/65196434'		10	10	10	0.6	2.2	10	5.05 No	0.6 Thermal Discharging
VKG072	123	'119846714___/119846786'		10	10	10	0.6	10	10	5.05 No	0.6 Thermal Discharging
VKG072	124	'65196352___/65196354'		6.67	6.67	6.67	0.4	1.47	6.67	3.37 No	0.4 Thermal Discharging
VKG072	125	'49663342___/4966339'		2.23	3.33	3.33	0.2	0.4	3.33	1.68 No	0.2 Thermal Discharging
VKG072	126	'509063699___/483571655'		10	10	10	0.6	4.5	10	5.05 No	0.6 Thermal Discharging
VKG072	127	'88800274___/119846718'		10	10	10	0.6	10	10	5.05 No	0.6 Thermal Discharging
VKG072	128	'403404770___/88800278'		10	10	10	0.6	10	10	5.05 No	0.6 Thermal Discharging
VKG072	129	'88800288___/88800285'		10	10	10	0.6	10	10	5.05 No	0.6 Thermal Discharging
VKG072	130	'88800246___/88800250'		10	10	10	0.6	4.5	10	5.05 No	0.6 Thermal Discharging
VKG072	131	'88800260___/88800257'		10	10	10	0.6	10	10	5.05 No	0.6 Thermal Discharging
VKG072	132	'37876520___/509063730'		10	10	10	0.6	4.5	10	5.05 No	0.6 Thermal Discharging
VKG072	133	'37876519___/37876517'		10	10	10	0.6	4.5	10	5.05 No	0.6 Thermal Discharging
VKG072	134	'153831335___/119846536_2'		10	10	10	0.6	10	10	5.05 No	0.6 Thermal Discharging
VKG072	135	'5004710___/119846536_1'		10	10	10	0.6	10	10	5.05 No	0.6 Thermal Discharging
VKG072	136	'435979807___/435979864'		1.47	6.67	6.67	0.4	3	6.67	3.37 No	0.4 Thermal Discharging
VKG072	137	'119846663___/119846667'		10	10	10	0.6	10	10	5.05 No	0.6 Thermal Discharging
VKG072	138	'435979845___/435979952'		2.2	10	10	0.6	4.5	10	5.05 No	0.6 Thermal Discharging
VKG072	139	'708631694___/708631855'		4.6	10	10	0.6	4.6	10	5.05 No	0.6 Thermal Discharging
VKG072	140	'5004690___/5004707'		10	10	10	0.6	10	10	5.05 No	0.6 Thermal Discharging
VKG072	141	'7368805___/8946475'		10	10	10	0.6	2.3	10	5.05 No	0.6 Thermal Discharging
VKG072	142	'7367769___/9573496_1'		3.33	3.33	3.33	0.2	0.4	3.33	1.68 No	0.2 Thermal Discharging
VKG072	143	'5004672___/5004670'		10	10	10	0.6	10	10	5.05 No	0.6 Thermal Discharging
VKG072	144	'63997089___/63997082'		3.33	3.33	3.33	0.2	0.73	3.33	1.68 No	0.2 Thermal Discharging
VKG072	145	'5004730___/5004727'		10	10	10	0.6	10	10	5.05 No	0.6 Thermal Discharging
VKG072	146	'8317886___/435979804'		2.2	10	10	0.6	4.5	10	5.05 No	0.6 Thermal Discharging
VKG072	147	'5004747___/5004744'		10	10	10	0.6	10	10	5.05 No	0.6 Thermal Discharging
VKG072	148	'65196222___/65196258'		6.4	10	10	0.6	2.3	10	5.05 No	0.6 Thermal Discharging
VKG072	149	'7367701___/8317884'		2.2	10	10	0.6	4.5	10	5.05 No	0.6 Thermal Discharging
VKG072	150	'5004764___/5004761'		10	10	10	0.6	10	10	5.05 No	0.6 Thermal Discharging
VKG072	151	'5004781___/5004778'		10	10	10	0.6	10	10	5.05 No	0.6 Thermal Discharging
VKG072	152	'499252973___/708631839'		3.9	10	10	0.6	4.6	10	5.05 No	0.6 Thermal Discharging
VKG072	153	'9574540___/524259888'		3.8	6.67	6.67	0.4	1.47	6.67	3.37 No	0.4 Thermal Discharging
VKG072	154	'119846614___/119846697'		10	10	10	0.6	10	10	5.05 No	0.6 Thermal Discharging
VKG072	155	'7684651___/390377858'		1.97	3.33	3.33	0.2	0.73	3.33	1.68 No	0.2 Thermal Discharging
VKG072	156	'37863333___/119846401'		10	10	10	0.6	10	10	5.05 No	0.6 Thermal Discharging
VKG072	157	'65196990___/86421744'		5.3	10	10	0.6	2.3	10	5.05 No	0.6 Thermal Discharging
VKG072	158	'403148720___/37863330'		10	10	10	0.6	10	10	5.05 No	0.6 Thermal Discharging
VKG072	159	'4976189___/4976187'		1.53	3.33	3.33	0.2	0.4	3.33	1.68 No	0.2 Thermal Discharging
VKG072	160	'37863354___/37863358'		10	10	10	0.6	10	10	5.05 No	0.6 Thermal Discharging
VKG072	161	'65197039___/65196992'		3.53	6.67	6.67	0.4	1.53	6.67	3.37 No	0.4 Thermal Discharging
VKG072	162	'4966355___/4966352'		1.5	3.33	3.33	0.2	0.4	3.33	1.68 No	0.2 Thermal Discharging
VKG072	163	'5004797___/5005757'		10	10	10	0.6	10	10	5.05 No	0.6 Thermal Discharging
VKG072	164	'37863319___/37863323'		10	10	10	0.6	10	10	5.05 No	0.6 Thermal Discharging
VKG072	165	'37863368___/37863365'		10	10	10	0.6	2.2	10	5.05 No	0.6 Thermal Discharging
VKG072	166	'455494219___/455494194_2'		3.33	3.33	3.33	0.2	1.4	3.33	1.68 No	0.2 Thermal Discharging
VKG072	167	'5004798___/5004795'		10	10	10	0.6	10	10	5.05 No	0.6 Thermal Discharging
VKG072	168	'7360756___/7997248'		4.07	6.67	6.67	0.4	1.47	6.67	3.37 No	0.4 Thermal Discharging
VKG072	169	'5004815___/5004812'		10	10	10	0.6	10	10	5.05 No	0.6 Thermal Discharging
VKG072	170	'7367800___/7367798_1'		3.33	3.33	3.33	0.2	0.4	3.33	1.68 No	0.2 Thermal Discharging
VKG072	171	'43616496___/4971970'		1.4	3.33	3.33	0.2	0.4	3.33	1.68 No	0.2 Thermal Discharging
VKG072	172	'5004832___/5004829'		10	10	10	0.6	10	10	5.05 No	0.6 Thermal Discharging
VKG072	173	'54560810___/5004846_1'		10	10	10	0.6	10	10	5.05 No	0.6 Thermal Discharging
VKG072	174	'54560827___/68182639_2'		10	10	10	0.6	5.1	10	5.05 No	0.6 Thermal Discharging
VKG072	175	'5003755___/5004846_2'		10	10	10	0.6	10	10	5.05 No	0.6 Thermal Discharging
VKG072	176	'7367700___/7367698'		2.2	10	10	0.6	4.5	10	5.05 No	0.6 Thermal Discharging
VKG072	177	'5003756___/43622026_1'		3.33	3.33	3.33	0.2	0.4	3.33	1.68 No	0.2 Thermal Discharging
VKG072	178	'43621997___/5004863'		10	10	10	0.6	10	10	5.05 No	0.6 Thermal Discharging
VKG072	179	'43622011___/436221999'		10	10	10	0.6	10	10	5.05 No	0.6 Thermal Discharging
VKG072	180	'8945372___/9573496_2'		1.57	3.33	3.33	0.2	0.4	3.33	1.68 No	0.2 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over- Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
VKG072	181	'8004248_/_8004246'		2.2	10	10	0.6	4.5	10	5.05 No	0.6 Thermal Discharging
VKG072	182	'7368767_/_65197365'		4	10	10	0.6	2.3	10	5.05 No	0.6 Thermal Discharging
VKG072	183	'5004900_/_5004897'		10	10	10	0.6	10	10	5.05 No	0.6 Thermal Discharging
VKG072	184	'8625113_/_499252977'		3.3	10	10	0.6	4.6	10	5.05 No	0.6 Thermal Discharging
VKG072	185	'4966368_/_4966365'		1.23	3.33	3.33	0.2	0.4	3.33	1.68 No	0.2 Thermal Discharging
VKG072	186	'5005441_/_5005456'		10	10	10	0.6	10	10	5.05 No	0.6 Thermal Discharging
VKG072	187	'7683784_/_8629744_1'		3.33	3.33	3.33	0.2	0.4	3.33	1.68 No	0.2 Thermal Discharging
VKG072	188	'5005007_/_5005439'		10	10	10	0.6	10	10	5.05 No	0.6 Thermal Discharging
VKG072	189	'7368073_/_9263325_1'		3.33	3.33	3.33	0.2	0.4	3.33	1.68 No	0.2 Thermal Discharging
VKG072	190	'7679791_/_7679789'		2.8	6.67	6.67	0.4	1.47	6.67	3.37 No	0.4 Thermal Discharging
VKG072	191	'43622074_/_5005005'		10	10	10	0.6	10	10	5.05 No	0.6 Thermal Discharging
VKG072	192	'8317975_/_68182639_1'		10	10	10	0.6	1.4	10	5.05 No	0.6 Thermal Discharging
VKG072	193	'5005028_/_43622076'		10	10	10	0.6	10	10	5.05 No	0.6 Thermal Discharging
VKG072	194	'403148625_/_37863260'		4.5	10	10	0.6	10	10	5.05 No	0.6 Thermal Discharging
VKG072	195	'37863305_/_37863302'		4.5	10	10	0.6	10	10	5.05 No	0.6 Thermal Discharging
VKG072	196	'37863291_/_37863295'		4.5	10	10	0.6	4.5	10	5.05 No	0.6 Thermal Discharging
VKG072	197	'37863270_/_37863267'		4.5	10	10	0.6	2.2	10	5.05 No	0.6 Thermal Discharging
VKG072	198	'37863256_/_556479081'		4.5	10	10	0.6	10	10	5.05 No	0.6 Thermal Discharging
VKG072	199	'473296825_/_473296814_2'		3.33	3.33	3.33	0.2	1.4	3.33	1.68 No	0.2 Thermal Discharging
VKG072	200	'8317943_/_8945369'		1.37	3.33	3.33	0.2	0.4	3.33	1.68 No	0.2 Thermal Discharging
VKG072	201	'8317866_/_8317864'		2.2	10	10	0.6	4.5	10	5.05 No	0.6 Thermal Discharging
VKG072	202	'5005045_/_5005042'		10	10	10	0.6	10	10	5.05 No	0.6 Thermal Discharging
VKG072	203	'476157186_/_8629744_2'		3.33	3.33	3.33	0.2	0.4	3.33	1.68 No	0.2 Thermal Discharging
VKG072	204	'43622087_/_5005059'		10	10	10	0.6	10	10	5.05 No	0.6 Thermal Discharging
VKG072	205	'5003772_/_43622026_2'		1.9	3.33	3.33	0.2	0.4	3.33	1.68 No	0.2 Thermal Discharging
VKG072	206	'3746995070_/_348978139_2'		3.33	3.33	3.33	0.2	1.4	3.33	1.68 No	0.2 Thermal Discharging
VKG072	207	'583014010_/_71993296'		3.4	10	10	0.6	2.3	10	5.05 No	0.6 Thermal Discharging
VKG072	208	'389252267_/_389252286'		5	10	10	0.6	1.4	10	5.05 No	0.6 Thermal Discharging
VKG072	209	'43622100_/_43622089'		10	10	10	0.6	10	10	5.05 No	0.6 Thermal Discharging
VKG072	210	'7367801_/_7367798_2'		1.6	3.33	3.33	0.2	0.4	3.33	1.68 No	0.2 Thermal Discharging
VKG072	211	'4971986_/_4972191'		1.1	3.33	3.33	0.2	0.4	3.33	1.68 No	0.2 Thermal Discharging
VKG072	212	'5005096_/_5005093'		10	10	10	0.6	10	10	5.05 No	0.6 Thermal Discharging
VKG072	213	'8005468_/_65196477'		1.13	3.33	3.33	0.2	0.73	3.33	1.68 No	0.2 Thermal Discharging
VKG072	214	'389306087_/_389306029_1'		3.33	3.33	3.33	0.2	0.4	3.33	1.68 No	0.2 Thermal Discharging
VKG072	215	'5005113_/_5005110'		10	10	10	0.6	10	10	5.05 No	0.6 Thermal Discharging
VKG072	216	'389252201_/_389252312'		4.6	10	10	0.6	1.4	10	5.05 No	0.6 Thermal Discharging
VKG072	217	'8629783_/_455494194_1'		1.4	3.33	3.33	0.2	0.5	3.33	1.68 No	0.2 Thermal Discharging
VKG072	218	'62799846_/_62799824_2'		3.33	3.33	3.33	0.2	1.4	3.33	1.68 No	0.2 Thermal Discharging
VKG072	219	'5005130_/_5005127'		10	10	10	0.6	10	10	5.05 No	0.6 Thermal Discharging
VKG072	220	'43622113_/_5005178'		10	10	10	0.6	10	10	5.05 No	0.6 Thermal Discharging
VKG072	221	'8945755_/_8945753_1'		3.33	3.33	3.33	0.2	0.4	3.33	1.68 No	0.2 Thermal Discharging
VKG072	222	'659863937_/_659863959'		1.4	3.33	3.33	0.2	0.4	3.33	1.68 No	0.2 Thermal Discharging
VKG072	223	'7368730_/_428652090'		1.1	3.33	3.33	0.2	0.73	3.33	1.68 No	0.2 Thermal Discharging
VKG072	224	'5005475_/_5005490'		10	10	10	0.6	10	10	5.05 No	0.6 Thermal Discharging
VKG072	225	'43622126_/_5005473'		10	10	10	0.6	10	10	5.05 No	0.6 Thermal Discharging
VKG072	226	'43622164_/_43622128'		10	10	10	0.6	10	10	5.05 No	0.6 Thermal Discharging
VKG072	227	'543520819_/_583014042'		3	10	10	0.6	2.3	10	5.05 No	0.6 Thermal Discharging
VKG072	228	'9574524_/_509900497'		2	6.67	6.67	0.4	1.47	6.67	3.37 No	0.4 Thermal Discharging
VKG072	229	'8944549_/_8944547'		2.2	10	10	0.6	4.5	10	5.05 No	0.6 Thermal Discharging
VKG072	230	'4972045_/_86421357'		0.97	3.33	3.33	0.2	0.4	3.33	1.68 No	0.2 Thermal Discharging
VKG072	231	'8629747_/_476157210'		1.43	3.33	3.33	0.2	0.4	3.33	1.68 No	0.2 Thermal Discharging
VKG072	232	'7361371_/_8623068_1'		0.97	3.33	3.33	0.2	0.3	3.33	1.68 No	0.2 Thermal Discharging
VKG072	233	'8945756_/_8945753_2'		3.33	3.33	3.33	0.2	0.4	3.33	1.68 No	0.2 Thermal Discharging
VKG072	234	'583014170_/_583014197'		2.8	10	10	0.6	2.3	10	5.05 No	0.6 Thermal Discharging
VKG072	235	'7481380_/_8319066'		2.8	10	10	0.6	2.3	10	5.05 No	0.6 Thermal Discharging
VKG072	236	'413839535_/_413839557'		1.17	3.33	3.33	0.2	0.4	3.33	1.68 No	0.2 Thermal Discharging
VKG072	237	'667487559_/_9262837'		1.13	3.33	3.33	0.2	0.5	3.33	1.68 No	0.2 Thermal Discharging
VKG072	238	'8005153_/_9263325_2'		1.33	3.33	3.33	0.2	0.4	3.33	1.68 No	0.2 Thermal Discharging
VKG072	239	'318075659_/_8625110'		2.5	10	10	0.6	4.2	10	5.05 No	0.6 Thermal Discharging
VKG072	240	'7368731_/_7368728'		0.97	3.33	3.33	0.2	0.73	3.33	1.68 No	0.2 Thermal Discharging
VKG072	241	'318075613_/_318075702'		2.5	10	10	0.6	4.2	10	5.05 No	0.6 Thermal Discharging
VKG072	242	'8004353_/_54560771'		3.4	10	10	0.6	1.4	10	5.05 No	0.6 Thermal Discharging
VKG072	243	'8945627_/_473296814_1'		1.37	3.33	3.33	0.2	0.4	3.33	1.68 No	0.2 Thermal Discharging
VKG072	244	'417001318_/_389306029_2'		1.63	3.33	3.33	0.2	0.4	3.33	1.68 No	0.2 Thermal Discharging
VKG072	245	'347638896_/_347638900'		2.4	10	10	0.6	4.2	10	5.05 No	0.6 Thermal Discharging
VKG072	246	'7360725_/_9569016'		1.87	6.67	6.67	0.4	1.47	6.67	3.37 No	0.4 Thermal Discharging
VKG072	247	'8628623_/_9572638'		2.3	10	10	0.6	4.5	10	5.05 No	0.6 Thermal Discharging
VKG072	248	'417001390_/_417001409'		1.53	3.33	3.33	0.2	0.4	3.33	1.68 No	0.2 Thermal Discharging
VKG072	249	'7367864_/_667487579'		1.03	3.33	3.33	0.2	0.5	3.33	1.68 No	0.2 Thermal Discharging
VKG072	250	'7683799_/_62799824_1'		1.57	3.33	3.33	0.2	0.4	3.33	1.68 No	0.2 Thermal Discharging
VKG072	251	'347638853_/_347638937'		2.4	10	10	0.6	4.2	10	5.05 No	0.6 Thermal Discharging
VKG072	252	'417001355_/_417001427'		1.43	3.33	3.33	0.2	0.4	3.33	1.68 No	0.2 Thermal Discharging
VKG072	253	'43622297_/_8319028'		2.4	10	10	0.6	2.3	10	5.05 No	0.6 Thermal Discharging
VKG072	254	'7361423_/_53452349'		2.8	10	10	0.6	2.2	10	5.05 No	0.6 Thermal Discharging
VKG072	255	'4972046_/_4972043'		0.87	3.33	3.33	0.2	0.4	3.33	1.68 No	0.2 Thermal Discharging
VKG072	256	'8946403_/_474160518'		1.67	6.67	6.67	0.4	1.47	6.67	3.37 No	0.4 Thermal Discharging
VKG072	257	'8317994_/_348978139_1'		1.33	3.33	3.33	0.2	0.4	3.33	1.68 No	0.2 Thermal Discharging
VKG072	258	'8628622_/_8628620'		2.3	10	10	0.6	4.5	10	5.05 No	0.6 Thermal Discharging
VKG072	259	'8630074_/_9263061'		1.47	3.33	3.33	0.2	0.4	3.33	1.68 No	0.2 Thermal Discharging
VKG072	260	'73118318_/_73118321'		2.4	10	10	0.6	2.3	10	5.05 No	0.6 Thermal Discharging
VKG072	261	'37876079_/_37876083'		0.73	3.33	3.33	0.2	1.5	3.33	1.68 No	0.2 Thermal Discharging
VKG072	262	'403402722_/_403402719'		0.73	3.33	3.33	0.2	1.5	3.33	1.68 No	0.2 Thermal Discharging
VKG072	263	'37876107_/_37876111'		0.73	3.33	3.33	0.2	0.7	3.33	1.68 No	0.2 Thermal Discharging
VKG072	264	'37863228_/_9566596'		2.7	10	10	0.6	4.5	10	5.05 No	0.6 Thermal Discharging
VKG072	265	'37863193_/_37863197'		2.7	10	10	0.6	2.2	10	5.05 No	0.6 Thermal Discharging
VKG072	266	'37863214_/_37863211'		2.7	10	10	0.6	2.2	10	5.05 No	0.6 Thermal Discharging
VKG072	267	'37863242_/_37863239'		2.7	10	10	0.6	4.5	10	5.05 No	0.6 Thermal Discharging
VKG072	268	'403148527_/_37863225'		2.7	10	10	0.6	4.5	10	5.05 No	0.6 Thermal Discharging
VKG072	269	'8630075_/_8630072'		1.43	3.33	3.33	0.2	0.4	3.33	1.68 No	0.2 Thermal Discharging
VKG072	270	'37876086_/_37876090'		0.73	3.33	3.33	0.2	1.5	3.33	1.68 No	0.2 Thermal Discharging
VKG072	271	'74634582_/_73118399_1'		1	10	10	0.6	4.2	10	5.05 No	0.6 Thermal Discharging
VKG072	272	'37876093_/_436428352'		0.73	3.33	3.33	0.2	1.5	3.33	1.68 No	0.2 Thermal Discharging
VKG072	273	'435979934_/_436428319'		0.73	3.33	3.33	0.2	1.5	3.33	1.68 No	0.2 Thermal Discharging
VKG072	274	'5001731_/_43622299'		2.4	10	10	0.6	2.3	10	5.05 No	0.6 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
VKG072	275	'8005469_/_390377810'	0.8	3.33	3.33	0.2	0.73	3.33	1.68 No	0.2	Thermal Discharging
VKG072	276	'7682853_/_643229111'	2.3	10	10	0.6	4.5	10	5.05 No	0.6	Thermal Discharging
VKG072	277	'353291152_/_435979920'	0.73	3.33	3.33	0.2	1.5	3.33	1.68 No	0.2	Thermal Discharging
VKG072	278	'9573546_/_438879157'	1.27	3.33	3.33	0.2	0.4	3.33	1.68 No	0.2	Thermal Discharging
VKG072	279	'7360126_/_7360124'	0.8	3.33	3.33	0.2	0.73	3.33	1.68 No	0.2	Thermal Discharging
VKG072	280	'8006183_/_9265481'	0.93	3.33	3.33	0.2	0.4	3.33	1.68 No	0.2	Thermal Discharging
VKG072	281	'7361422_/_53452332'	2.5	10	10	0.6	2.2	10	5.05 No	0.6	Thermal Discharging
VKG072	282	'8319030_/_8319048'	1.53	6.67	6.67	0.4	1.53	6.67	3.37 No	0.4	Thermal Discharging
VKG072	283	'8004321_/_8317940'	0.83	3.33	3.33	0.2	0.4	3.33	1.68 No	0.2	Thermal Discharging
VKG072	284	'43616518_/_4972069'	0.77	3.33	3.33	0.2	0.4	3.33	1.68 No	0.2	Thermal Discharging
VKG072	285	'7682854_/_7682851'	2.3	10	10	0.6	4.5	10	5.05 No	0.6	Thermal Discharging
VKG072	286	'5009617_/_5009648'	2.2	10	10	0.6	2.3	10	5.05 No	0.6	Thermal Discharging
VKG072	287	'7683959_/_9573832'	1.13	3.33	3.33	0.2	0.4	3.33	1.68 No	0.2	Thermal Discharging
VKG072	288	'43616507_/_4972056'	0.73	3.33	3.33	0.2	0.4	3.33	1.68 No	0.2	Thermal Discharging
VKG072	289	'8945628_/_473296797'	0.97	3.33	3.33	0.2	0.4	3.33	1.68 No	0.2	Thermal Discharging
VKG072	290	'8317906_/_8945321'	0.67	3.33	3.33	0.2	0.7	3.33	1.68 No	0.2	Thermal Discharging
VKG072	291	'8625092_/_318075574'	2	10	10	0.6	4.2	10	5.05 No	0.6	Thermal Discharging
VKG072	292	'8938721_/_8938719'	2.3	10	10	0.6	2.2	10	5.05 No	0.6	Thermal Discharging
VKG072	293	'7683960_/_7683957'	1.07	3.33	3.33	0.2	0.4	3.33	1.68 No	0.2	Thermal Discharging
VKG072	294	'8319014_/_391395657'	1	3.33	3.33	0.2	0.4	3.33	1.68 No	0.2	Thermal Discharging
VKG072	295	'9256051_/_9256049'	2.3	10	10	0.6	2.2	10	5.05 No	0.6	Thermal Discharging
VKG072	296	'7683927_/_436429599'	0.87	3.33	3.33	0.2	0.4	3.33	1.68 No	0.2	Thermal Discharging
VKG072	297	'8311303_/_9566432'	2.2	10	10	0.6	2.2	10	5.05 No	0.6	Thermal Discharging
VKG072	298	'7368857_/_417001359'	0.97	3.33	3.33	0.2	0.4	3.33	1.68 No	0.2	Thermal Discharging
VKG072	299	'8004352_/_66346634'	0.8	3.33	3.33	0.2	0.47	3.33	1.68 No	0.2	Thermal Discharging
VKG072	300	'43616517_/_4971996'	0.7	3.33	3.33	0.2	0.4	3.33	1.68 No	0.2	Thermal Discharging
VKG072	301	'7367865_/_369034905'	0.77	3.33	3.33	0.2	0.5	3.33	1.68 No	0.2	Thermal Discharging
VKG072	302	'358342230_/_8623068_2'	0.7	3.33	3.33	0.2	0.3	3.33	1.68 No	0.2	Thermal Discharging
VKG072	303	'65197093_/_65197113'	0.63	3.33	3.33	0.2	0.77	3.33	1.68 No	0.2	Thermal Discharging
VKG072	304	'7368551_/_8006180'	0.77	3.33	3.33	0.2	0.4	3.33	1.68 No	0.2	Thermal Discharging
VKG072	305	'8630354_/_432639809'	0.67	3.33	3.33	0.2	0.73	3.33	1.68 No	0.2	Thermal Discharging
VKG072	306	'7684519_/_524259870'	1.27	6.67	6.67	0.4	1.47	6.67	3.37 No	0.4	Thermal Discharging
VKG072	307	'8630505_/_8630502'	0.67	3.33	3.33	0.2	0.73	3.33	1.68 No	0.2	Thermal Discharging
VKG072	308	'5003711_/_5009615'	1.33	6.67	6.67	0.4	1.53	6.67	3.37 No	0.4	Thermal Discharging
VKG072	309	'7368619_/_9574208'	0.9	3.33	3.33	0.2	0.4	3.33	1.68 No	0.2	Thermal Discharging
VKG072	310	'8313232_/_436428937'	0.8	6.67	6.67	0.4	1.47	6.67	3.37 No	0.4	Thermal Discharging
VKG072	311	'8004320_/_8004318'	0.67	3.33	3.33	0.2	0.4	3.33	1.68 No	0.2	Thermal Discharging
VKG072	312	'583014284_/_65196929'	1	10	10	0.6	4.2	10	5.05 No	0.6	Thermal Discharging
VKG072	313	'5003712_/_5003709'	1.27	6.67	6.67	0.4	1.53	6.67	3.37 No	0.4	Thermal Discharging
VKG072	314	'8320923_/_8629708'	0.7	3.33	3.33	0.2	0.47	3.33	1.68 No	0.2	Thermal Discharging
VKG072	315	'7997167_/_8311300'	1.9	10	10	0.6	2.2	10	5.05 No	0.6	Thermal Discharging
VKG072	316	'583014107_/_583014139'	1	10	10	0.6	4.2	10	5.05 No	0.6	Thermal Discharging
VKG072	317	'7677245_/_87078944'	1.8	10	10	0.6	2.2	10	5.05 No	0.6	Thermal Discharging
VKG072	318	'7360757_/_454643583'	0.53	3.33	3.33	0.2	0.73	3.33	1.68 No	0.2	Thermal Discharging
VKG072	319	'353073476_/_8311280_1'	1.9	10	10	0.6	2.2	10	5.05 No	0.6	Thermal Discharging
VKG072	320	'7997166_/_7997164'	1.9	10	10	0.6	2.2	10	5.05 No	0.6	Thermal Discharging
VKG072	321	'8005201_/_8005198'	0.77	3.33	3.33	0.2	0.4	3.33	1.68 No	0.2	Thermal Discharging
VKG072	322	'8318625_/_635611296'	0.57	3.33	3.33	0.2	0.73	3.33	1.68 No	0.2	Thermal Discharging
VKG072	323	'436429057_/_435978227'	0.8	6.67	6.67	0.4	1.47	6.67	3.37 No	0.4	Thermal Discharging
VKG072	324	'7683928_/_701034356'	0.67	3.33	3.33	0.2	0.4	3.33	1.68 No	0.2	Thermal Discharging
VKG072	325	'524260083_/_524259879_1'	0.8	6.67	6.67	0.4	1.47	6.67	3.37 No	0.4	Thermal Discharging
VKG072	326	'8318075_/_109368381'	0.63	3.33	3.33	0.2	0.5	3.33	1.68 No	0.2	Thermal Discharging
VKG072	327	'8006134_/_473296780'	0.67	3.33	3.33	0.2	0.4	3.33	1.68 No	0.2	Thermal Discharging
VKG072	328	'43621985_/_5004158'	1.2	6.67	6.67	0.4	1.53	6.67	3.37 No	0.4	Thermal Discharging
VKG072	329	'7677197_/_520558986'	0.53	3.33	3.33	0.2	0.73	3.33	1.68 No	0.2	Thermal Discharging
VKG072	330	'8630371_/_8630368'	0.73	3.33	3.33	0.2	0.4	3.33	1.68 No	0.2	Thermal Discharging
VKG072	331	'7368550_/_7368548'	0.6	3.33	3.33	0.2	0.4	3.33	1.68 No	0.2	Thermal Discharging
VKG072	332	'8945532_/_369034883'	0.6	3.33	3.33	0.2	0.5	3.33	1.68 No	0.2	Thermal Discharging
VKG072	333	'8945388_/_8945385'	0.57	3.33	3.33	0.2	0.73	3.33	1.68 No	0.2	Thermal Discharging
VKG072	334	'7368618_/_7368616'	0.73	3.33	3.33	0.2	0.4	3.33	1.68 No	0.2	Thermal Discharging
VKG072	335	'8630091_/_9574256'	0.7	3.33	3.33	0.2	0.4	3.33	1.68 No	0.2	Thermal Discharging
VKG072	336	'5004051_/_43621987'	1.13	6.67	6.67	0.4	1.53	6.67	3.37 No	0.4	Thermal Discharging
VKG072	337	'7677283_/_7677281'	0.67	6.67	6.67	0.4	1.47	6.67	3.37 No	0.4	Thermal Discharging
VKG072	338	'7481381_/_7481378'	0.47	3.33	3.33	0.2	0.77	3.33	1.68 No	0.2	Thermal Discharging
VKG072	339	'7683735_/_696035480'	0.53	3.33	3.33	0.2	0.4	3.33	1.68 No	0.2	Thermal Discharging
VKG072	340	'8317907_/_8317904'	0.47	3.33	3.33	0.2	0.7	3.33	1.68 No	0.2	Thermal Discharging
VKG072	341	'9256183_/_9566648'	1	6.67	6.67	0.4	1.47	6.67	3.37 No	0.4	Thermal Discharging
VKG072	342	'5003839_/_5004063'	1.07	6.67	6.67	0.4	1.53	6.67	3.37 No	0.4	Thermal Discharging
VKG072	343	'7677318_/_9256181'	1	6.67	6.67	0.4	1.47	6.67	3.37 No	0.4	Thermal Discharging
VKG072	344	'391395704_/_391395676_1'	0.6	3.33	3.33	0.2	0.4	3.33	1.68 No	0.2	Thermal Discharging
VKG072	345	'8004501_/_8629912'	0.57	3.33	3.33	0.2	0.4	3.33	1.68 No	0.2	Thermal Discharging
VKG072	346	'7677213_/_433534615'	0.47	3.33	3.33	0.2	0.73	3.33	1.68 No	0.2	Thermal Discharging
VKG072	347	'7677317_/_7677315'	1	6.67	6.67	0.4	1.47	6.67	3.37 No	0.4	Thermal Discharging
VKG072	348	'7683752_/_7683749'	0.53	3.33	3.33	0.2	0.4	3.33	1.68 No	0.2	Thermal Discharging
VKG072	349	'8004336_/_8945417'	0.5	3.33	3.33	0.2	0.73	3.33	1.68 No	0.2	Thermal Discharging
VKG072	350	'70120399_/_8946273_1'	0.23	2.3	3.33	0.2	0.5	3.33	1.68 No	0.2	Thermal Discharging
VKG072	351	'7367976_/_473296763'	0.57	3.33	3.33	0.2	0.4	3.33	1.68 No	0.2	Thermal Discharging
VKG072	352	'8630027_/_8630088'	0.6	3.33	3.33	0.2	0.4	3.33	1.68 No	0.2	Thermal Discharging
VKG072	353	'69020578_/_69020585'	0.47	3.33	3.33	0.2	0.73	3.33	1.68 No	0.2	Thermal Discharging
VKG072	354	'7677214_/_347281921'	0.43	3.33	3.33	0.2	0.73	3.33	1.68 No	0.2	Thermal Discharging
VKG072	355	'5003840_/_5003837'	1	6.67	6.67	0.4	1.53	6.67	3.37 No	0.4	Thermal Discharging
VKG072	356	'7363312_/_7795683'	0.93	6.67	6.67	0.4	1.47	6.67	3.37 No	0.4	Thermal Discharging
VKG072	357	'8320922_/_109282304'	0.53	3.33	3.33	0.2	0.47	3.33	1.68 No	0.2	Thermal Discharging
VKG072	358	'8004405_/_9262741'	0.6	3.33	3.33	0.2	0.4	3.33	1.68 No	0.2	Thermal Discharging
VKG072	359	'7360724_/_7360722'	0.43	3.33	3.33	0.2	0.73	3.33	1.68 No	0.2	Thermal Discharging
VKG072	360	'504070790_/_504070794'	0.43	3.33	3.33	0.2	0.73	3.33	1.68 No	0.2	Thermal Discharging
VKG072	361	'5003853_/_5003850'	0.93	6.67	6.67	0.4	1.53	6.67	3.37 No	0.4	Thermal Discharging
VKG072	362	'8005136_/_717539904'	0.47	3.33	3.33	0.2	0.73	3.33	1.68 No	0.2	Thermal Discharging
VKG072	363	'8938706_/_8938703'	0.4	3.33	3.33	0.2	0.73	3.33	1.68 No	0.2	Thermal Discharging
VKG072	364	'9566487_/_9566500'	0.43	3.33	3.33	0.2	0.73	3.33	1.68 No	0.2	Thermal Discharging
VKG072	365	'7683736_/_7683733'	0.47	3.33	3.33	0.2	0.4	3.33	1.68 No	0.2	Thermal Discharging
VKG072	366	'8946211_/_9575286'	0.5	3.33	3.33	0.2	0.47	3.33	1.68 No	0.2	Thermal Discharging
VKG072	367	'8630026_/_8630024'	0.57	3.33	3.33	0.2	0.4	3.33	1.68 No	0.2	Thermal Discharging
VKG072	368	'7677198_/_9566484'	0.4	3.33	3.33	0.2	0.73	3.33	1.68 No	0.2	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
VKG072	369	'8318090_/_457351273'		0.47	3.33	3.33	0.2	0.5	3.33	1.68 No	0.2 Thermal Discharging
VKG072	370	'7367752_/_455564503'		0.43	3.33	3.33	0.2	0.4	3.33	1.68 No	0.2 Thermal Discharging
VKG072	371	'7367977_/_473669506'		0.5	3.33	3.33	0.2	0.4	3.33	1.68 No	0.2 Thermal Discharging
VKG072	372	'714472688_/_714472654_2'		0.4	3.33	3.33	0.2	0.7	3.33	1.68 No	0.2 Thermal Discharging
VKG072	373	'478121493_/_478121513'		0.47	3.33	3.33	0.2	0.4	3.33	1.68 No	0.2 Thermal Discharging
VKG072	374	'8004500_/_8004498'		0.47	3.33	3.33	0.2	0.4	3.33	1.68 No	0.2 Thermal Discharging
VKG072	375	'7997218_/_436428979'		0.4	3.33	3.33	0.2	0.73	3.33	1.68 No	0.2 Thermal Discharging
VKG072	376	'8318091_/_8318088'		0.43	3.33	3.33	0.2	0.5	3.33	1.68 No	0.2 Thermal Discharging
VKG072	377	'7360740_/_8938739'		0.4	3.33	3.33	0.2	1.4	3.33	1.68 No	0.2 Thermal Discharging
VKG072	378	'5003727_/_5003740_1'		0.4	3.33	3.33	0.2	0.4	3.33	1.68 No	0.2 Thermal Discharging
VKG072	379	'8004404_/_556445455'		0.5	3.33	3.33	0.2	0.4	3.33	1.68 No	0.2 Thermal Discharging
VKG072	380	'8618753_/_8618750'		0.4	3.33	3.33	0.2	0.73	3.33	1.68 No	0.2 Thermal Discharging
VKG072	381	'7684520_/_8318638'		0.4	3.33	3.33	0.2	0.73	3.33	1.68 No	0.2 Thermal Discharging
VKG072	382	'8945788_/_8945801'		0.5	3.33	3.33	0.2	0.4	3.33	1.68 No	0.2 Thermal Discharging
VKG072	383	'9566685_/_9566698'		0.37	3.33	3.33	0.2	0.73	3.33	1.68 No	0.2 Thermal Discharging
VKG072	384	'7369734_/_473669480'		0.43	3.33	3.33	0.2	0.4	3.33	1.68 No	0.2 Thermal Discharging
VKG072	385	'8618769_/_8618766_1'		0.13	1.5	3.33	0.2	0.73	3.33	1.68 No	0.13 Primary Over-Voltage
VKG072	386	'65196852_/_65196782'		0.37	3.33	3.33	0.2	1.4	3.33	1.68 No	0.2 Thermal Discharging
VKG072	387	'7367753_/_7367750_1'		0.4	3.33	3.33	0.2	0.4	3.33	1.68 No	0.2 Thermal Discharging
VKG072	388	'43621974_/_5003740_2'		0.37	3.33	3.33	0.2	0.4	3.33	1.68 No	0.2 Thermal Discharging
VKG072	389	'8629899_/_557416804'		0.4	3.33	3.33	0.2	0.5	3.33	1.68 No	0.2 Thermal Discharging
VKG072	390	'8622871_/_9566682'		0.37	3.33	3.33	0.2	0.73	3.33	1.68 No	0.2 Thermal Discharging
VKG072	391	'8629882_/_62799802'		0.43	3.33	3.33	0.2	0.4	3.33	1.68 No	0.2 Thermal Discharging
VKG072	392	'65196953_/_65196854'		0.33	3.33	3.33	0.2	1.4	3.33	1.68 No	0.2 Thermal Discharging
VKG072	393	'8318219_/_8945785'		0.43	3.33	3.33	0.2	0.4	3.33	1.68 No	0.2 Thermal Discharging
VKG072	394	'616963066_/_556445446_1'		0.37	3.33	3.33	0.2	0.4	3.33	1.68 No	0.2 Thermal Discharging
VKG072	395	'7360741_/_534277888'		0.33	3.33	3.33	0.2	1.4	3.33	1.68 No	0.2 Thermal Discharging
VKG072	396	'436429109_/_436429106'		0.33	3.33	3.33	0.2	0.73	3.33	1.68 No	0.2 Thermal Discharging
VKG072	397	'247613847_/_247895257_1'		0.37	3.33	3.33	0.2	0.4	3.33	1.68 No	0.2 Thermal Discharging
VKG072	398	'7683720_/_64020413'		0.37	3.33	3.33	0.2	0.47	3.33	1.68 No	0.2 Thermal Discharging
VKG072	399	'8945564_/_8945561'		0.4	3.33	3.33	0.2	0.4	3.33	1.68 No	0.2 Thermal Discharging
VKG072	400	'8622870_/_8622868'		0.33	3.33	3.33	0.2	0.73	3.33	1.68 No	0.2 Thermal Discharging
VKG072	401	'7369735_/_473669454'		0.37	3.33	3.33	0.2	0.4	3.33	1.68 No	0.2 Thermal Discharging
VKG072	402	'9256202_/_9566416'		0.33	3.33	3.33	0.2	0.73	3.33	1.68 No	0.2 Thermal Discharging
VKG072	403	'8004549_/_492094740_1'		0.37	3.33	3.33	0.2	0.5	3.33	1.68 No	0.2 Thermal Discharging
VKG072	404	'7367897_/_369034858'		0.33	3.33	3.33	0.2	0.5	3.33	1.68 No	0.2 Thermal Discharging
VKG072	405	'7677284_/_436429078'		0.33	3.33	3.33	0.2	0.73	3.33	1.68 No	0.2 Thermal Discharging
VKG072	406	'7677335_/_9256199_1'		0.3	3.33	3.33	0.2	0.73	3.33	1.68 No	0.2 Thermal Discharging
VKG072	407	'7360708_/_9566564'		0.23	2.77	3.33	0.2	0.73	3.33	1.68 No	0.2 Thermal Discharging
VKG072	408	'7677786_/_9566714'		0.3	3.33	3.33	0.2	1.4	3.33	1.68 No	0.2 Thermal Discharging
VKG072	409	'7684040_/_62799813'		0.37	3.33	3.33	0.2	0.4	3.33	1.68 No	0.2 Thermal Discharging
VKG072	410	'8945579_/_9573640'		0.37	3.33	3.33	0.2	0.4	3.33	1.68 No	0.2 Thermal Discharging
VKG072	411	'5003866_/_5003863'		0.33	3.33	3.33	0.2	0.77	3.33	1.68 No	0.2 Thermal Discharging
VKG072	412	'8311338_/_9256149'		0.3	3.33	3.33	0.2	0.73	3.33	1.68 No	0.2 Thermal Discharging
VKG072	413	'8428472_/_8428470'		0.3	3.33	3.33	0.2	0.73	3.33	1.68 No	0.2 Thermal Discharging
VKG072	414	'7363313_/_7363310'		0.3	3.33	3.33	0.2	0.73	3.33	1.68 No	0.2 Thermal Discharging
VKG072	415	'8318123_/_8318120'		0.33	3.33	3.33	0.2	0.5	3.33	1.68 No	0.2 Thermal Discharging
VKG072	416	'8318299_/_247895257_2'		0.33	3.33	3.33	0.2	0.4	3.33	1.68 No	0.2 Thermal Discharging
VKG072	417	'5003879_/_5003876'		0.33	3.33	3.33	0.2	0.77	3.33	1.68 No	0.2 Thermal Discharging
VKG072	418	'5003918_/_5003931_1'		0.33	3.33	3.33	0.2	0.4	3.33	1.68 No	0.2 Thermal Discharging
VKG072	419	'5003892_/_5003889'		0.33	3.33	3.33	0.2	0.77	3.33	1.68 No	0.2 Thermal Discharging
VKG072	420	'43622190_/_5003931_2'		0.33	3.33	3.33	0.2	0.4	3.33	1.68 No	0.2 Thermal Discharging
VKG072	421	'7360709_/_53452403'		0.23	2.83	3.33	0.2	0.73	3.33	1.68 No	0.2 Thermal Discharging
VKG072	422	'8311355_/_9566580'		0.27	3.33	3.33	0.2	0.73	3.33	1.68 No	0.2 Thermal Discharging
VKG072	423	'9256119_/_53452422'		0.23	2.83	3.33	0.2	0.73	3.33	1.68 No	0.2 Thermal Discharging
VKG072	424	'8318139_/_8318136'		0.3	3.33	3.33	0.2	0.5	3.33	1.68 No	0.2 Thermal Discharging
VKG072	425	'7363328_/_8313396'		0.27	3.27	3.33	0.2	0.73	3.33	1.68 No	0.2 Thermal Discharging
VKG072	426	'8745351_/_9062215'		0.27	3.27	3.33	0.2	0.73	3.33	1.68 No	0.2 Thermal Discharging
VKG072	427	'7361443_/_7677783'		0.3	3.33	3.33	0.2	1.4	3.33	1.68 No	0.2 Thermal Discharging
VKG072	428	'5003905_/_5003902'		0.33	3.33	3.33	0.2	0.77	3.33	1.68 No	0.2 Thermal Discharging
VKG072	429	'9256103_/_9566516'		0.27	3.23	3.33	0.2	0.73	3.33	1.68 No	0.2 Thermal Discharging
VKG072	430	'8945580_/_8945577'		0.3	3.33	3.33	0.2	0.4	3.33	1.68 No	0.2 Thermal Discharging
VKG072	431	'7363329_/_53453027'		0.27	3.2	3.33	0.2	0.73	3.33	1.68 No	0.2 Thermal Discharging
VKG072	432	'8318106_/_8318104_1'		0.17	1.8	3.33	0.2	0.4	3.33	1.68 No	0.17 Primary Over-Voltage
VKG072	433	'241634005_/_9256101'		0.27	3.17	3.33	0.2	0.73	3.33	1.68 No	0.2 Thermal Discharging
VKG072	434	'8938790_/_8938787'		0.27	3.17	3.33	0.2	0.73	3.33	1.68 No	0.2 Thermal Discharging
VKG072	435	'7367737_/_54560725'		0.3	3.33	3.33	0.2	0.47	3.33	1.68 No	0.2 Thermal Discharging
VKG072	436	'8318283_/_492094740_2'		0.3	3.33	3.33	0.2	0.5	3.33	1.68 No	0.2 Thermal Discharging
VKG072	437	'5003947_/_5003944'		0.3	3.33	3.33	0.2	0.77	3.33	1.68 No	0.2 Thermal Discharging
VKG072	438	'8311339_/_53452384'		0.27	3.1	3.33	0.2	0.73	3.33	1.68 No	0.2 Thermal Discharging
VKG072	439	'7367736_/_710075419'		0.3	3.33	3.33	0.2	0.47	3.33	1.68 No	0.2 Thermal Discharging
VKG072	440	'8318170_/_247613850'		0.3	3.27	3.33	0.2	0.4	3.33	1.68 No	0.2 Thermal Discharging
VKG072	441	'8629978_/_395601304'		0.3	3.33	3.33	0.2	0.4	3.31	1.68 No	0.2 Thermal Discharging
VKG072	442	'7367913_/_492094914'		0.3	3.3	3.33	0.2	0.5	3.33	1.68 No	0.2 Thermal Discharging
VKG072	443	'9262888_/_9262885'		0.27	3.33	3.33	0.2	0.5	3.32	1.68 No	0.2 Thermal Discharging
VKG072	444	'7677229_/_53453593'		0.27	3.03	3.33	0.2	0.73	3.33	1.68 No	0.2 Thermal Discharging
VKG072	445	'8622903_/_241634026'		0.27	3	3.33	0.2	0.73	3.33	1.68 No	0.2 Thermal Discharging
VKG072	446	'5003960_/_5003957'		0.3	3.33	3.33	0.2	0.77	3.3	1.68 No	0.2 Thermal Discharging
VKG072	447	'7997202_/_53452612'		0.23	2.9	3.33	0.2	0.73	3.3	1.68 No	0.2 Thermal Discharging
VKG072	448	'7997203_/_8311352_1'		0.23	3.03	3.33	0.2	0.73	3.28	1.68 No	0.2 Thermal Discharging
VKG072	449	'8318171_/_247613867'		0.27	3.1	3.33	0.2	0.4	3.25	1.68 No	0.2 Thermal Discharging
VKG072	450	'7677265_/_9566548'		0.23	2.9	3.33	0.2	0.73	3.26	1.68 No	0.2 Thermal Discharging
VKG072	451	'5003973_/_5003970'		0.3	3.33	3.33	0.2	0.77	3.22	1.68 No	0.2 Thermal Discharging
VKG072	452	'8129126_/_8622916'		0.23	2.87	3.33	0.2	0.73	3.23	1.68 No	0.2 Thermal Discharging
VKG072	453	'7677266_/_7677263'		0.23	2.93	3.33	0.2	0.73	3.22	1.68 No	0.2 Thermal Discharging
VKG072	454	'7677230_/_53453270'		0.23	2.83	3.33	0.2	0.73	3.21	1.68 No	0.2 Thermal Discharging
VKG072	455	'7361442_/_7361440'		0.27	2.9	3.33	0.2	1.4	3.2	1.68 No	0.2 Thermal Discharging
VKG072	456	'7367928_/_454602451'		0.27	3.33	3.33	0.2	0.4	3.14	1.68 No	0.2 Thermal Discharging
VKG072	457	'7684119_/_369034840'		0.27	3.3	3.33	0.2	0.5	3.15	1.68 No	0.2 Thermal Discharging
VKG072	458	'5003986_/_5003983'		0.3	3.23	3.33	0.2	0.77	3.14	1.68 No	0.2 Thermal Discharging
VKG072	459	'5003999_/_5003996'		0.27	3.13	3.33	0.2	0.77	3.07	1.68 No	0.2 Thermal Discharging
VKG072	460	'7369219_/_247613884'		0.27	2.83	3.33	0.2	0.4	3.08	1.68 No	0.2 Thermal Discharging
VKG072	461	'7679262_/_241633982'		0.23	2.67	3.33	0.2	0.73	3.08	1.68 No	0.2 Thermal Discharging
VKG072	462	'5004012_/_5004009'		0.27	3.07	3.33	0.2	0.77	3	1.68 No	0.2 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
VKG072	463	'8004289_/_66346645'		0.23	3.07	3.33	0.2	0.47	3	1.68 No	0.2 Thermal Discharging
VKG072	464	'8004533_/_492094949'		0.23	2.77	3.33	0.2	0.5	3	1.68 No	0.2 Thermal Discharging
VKG072	465	'7367929_/_7367926'		0.23	3.17	3.33	0.2	0.4	2.96	1.68 No	0.2 Thermal Discharging
VKG072	466	'8129110_/_8129123'		0.23	2.6	3.33	0.2	0.73	3	1.68 No	0.2 Thermal Discharging
VKG072	467	'7684120_/_7684117'		0.23	2.93	3.33	0.2	0.5	2.95	1.68 No	0.2 Thermal Discharging
VKG072	468	'43622201_/_5004022'		0.27	2.97	3.33	0.2	0.77	2.93	1.68 No	0.2 Thermal Discharging
VKG072	469	'518551320_/_518551231'		0.27	2.97	3.33	0.2	0.77	2.93	1.68 No	0.2 Thermal Discharging
VKG072	470	'7684103_/_492094982'		0.23	2.7	3.33	0.2	0.5	2.95	1.68 No	0.2 Thermal Discharging
VKG072	471	'7679261_/_7679259_1'		0.2	2.53	3.33	0.2	0.73	2.96	1.68 No	0.2 Primary Over-Voltage
VKG072	472	'8311370_/_9256165'		0.23	2.57	3.33	0.2	1.4	2.94	1.68 No	0.2 Thermal Discharging
VKG072	473	'8004288_/_8004286'		0.23	2.9	3.33	0.2	0.47	2.9	1.68 No	0.2 Thermal Discharging
VKG072	474	'117347171_/_8629676_2'		0.23	2.9	3.33	0.2	0.47	2.89	1.68 No	0.2 Thermal Discharging
VKG072	475	'5004038_/_43622203'		0.27	2.87	3.33	0.2	0.77	2.86	1.68 No	0.2 Thermal Discharging
VKG072	476	'86410894_/_9575322_2'		0.27	2.87	3.33	0.2	0.77	2.85	1.68 No	0.2 Thermal Discharging
VKG072	477	'8129109_/_8129107'		0.2	2.47	3.33	0.2	0.73	2.89	1.68 No	0.2 Primary Over-Voltage
VKG072	478	'40975402_/_418736660'		0.23	2.57	3.33	0.2	0.4	2.88	1.68 No	0.2 Thermal Discharging
VKG072	479	'7684136_/_572732577'		0.23	2.77	3.33	0.2	0.5	2.85	1.68 No	0.2 Thermal Discharging
VKG072	480	'7368040_/_492095013'		0.23	2.57	3.33	0.2	0.5	2.86	1.68 No	0.2 Thermal Discharging
VKG072	481	'5009539_/_5009536'		0.27	2.83	3.33	0.2	0.77	2.83	1.68 No	0.2 Thermal Discharging
VKG072	482	'9262967_/_395601359'		0.23	2.9	3.33	0.2	0.4	2.82	1.68 No	0.2 Thermal Discharging
VKG072	483	'599349997_/_599349769_1'		0.27	2.83	3.33	0.2	0.4	2.82	1.68 No	0.2 Thermal Discharging
VKG072	484	'7368041_/_492095042'		0.23	2.53	3.33	0.2	0.5	2.84	1.68 No	0.2 Thermal Discharging
VKG072	485	'5009552_/_5009549'		0.27	2.8	3.33	0.2	0.77	2.81	1.68 No	0.2 Thermal Discharging
VKG072	486	'5009567_/_5009565'		0.27	2.77	3.33	0.2	0.77	2.76	1.68 No	0.2 Thermal Discharging
VKG072	487	'8946276_/_9372270'		0.2	2.63	3.33	0.2	0.5	2.77	1.68 No	0.2 Primary Over-Voltage
VKG072	488	'86410921_/_7369780_2'		0.27	2.73	3.33	0.2	0.77	2.75	1.68 No	0.2 Thermal Discharging
VKG072	489	'7367880_/_418736641'		0.23	2.43	3.33	0.2	0.4	2.78	1.68 No	0.2 Thermal Discharging
VKG072	490	'7683975_/_478121540'		0.23	2.73	3.33	0.2	0.4	2.73	1.68 No	0.2 Thermal Discharging
VKG072	491	'7684088_/_492095069'		0.23	2.43	3.33	0.2	0.5	2.75	1.68 No	0.2 Thermal Discharging
VKG072	492	'7677117_/_8311368'		0.2	2.33	3.33	0.2	1.4	2.75	1.68 No	0.2 Primary Over-Voltage
VKG072	493	'8947387_/_599349769_2'		0.23	2.63	3.33	0.2	0.4	2.71	1.68 No	0.2 Thermal Discharging
VKG072	494	'7369783_/_7369780_1'		0.23	2.67	3.33	0.2	0.5	2.7	1.68 No	0.2 Thermal Discharging
VKG072	495	'7684087_/_492095094'		0.2	2.4	3.33	0.2	0.5	2.72	1.68 No	0.2 Primary Over-Voltage
VKG072	496	'8318186_/_418736627'		0.2	2.33	3.33	0.2	0.4	2.69	1.68 No	0.2 Primary Over-Voltage
VKG072	497	'9390257_/_9390254'		0.2	2.23	3.33	0.2	0.73	2.69	1.68 No	0.2 Primary Over-Voltage
VKG072	498	'8945740_/_492095117'		0.2	2.33	3.33	0.2	0.5	2.67	1.68 No	0.2 Primary Over-Voltage
VKG072	499	'7677149_/_7677115'		0.2	2.23	3.33	0.2	1.4	2.67	1.68 No	0.2 Primary Over-Voltage
VKG072	500	'547154291_/_515444715_2'		0.2	2.23	3.33	0.2	1.4	2.66	1.68 No	0.2 Primary Over-Voltage
VKG072	501	'7367960_/_7683973'		0.2	2.53	3.33	0.2	0.4	2.61	1.68 No	0.2 Primary Over-Voltage
VKG072	502	'8631379_/_8631376'		0.23	2.5	3.33	0.2	0.5	2.6	1.68 No	0.2 Thermal Discharging
VKG072	503	'8746659_/_8746656'		0.23	2.47	3.33	0.2	0.5	2.6	1.68 No	0.2 Thermal Discharging
VKG072	504	'8629963_/_492095138'		0.2	2.23	3.33	0.2	0.5	2.6	1.68 No	0.2 Primary Over-Voltage
VKG072	505	'431565968_/_418736608_1'		0.17	1.83	3.33	0.2	0.4	2.6	1.68 No	0.17 Primary Over-Voltage
VKG072	506	'8005185_/_9575322_1'		0.23	2.4	3.33	0.2	0.5	2.56	1.68 No	0.2 Thermal Discharging
VKG072	507	'9063699_/_9379942'		0.23	2.43	3.33	0.2	0.5	2.56	1.68 No	0.2 Thermal Discharging
VKG072	508	'8630011_/_599349760'		0.23	2.37	3.33	0.2	0.4	2.54	1.68 No	0.2 Thermal Discharging
VKG072	509	'7367961_/_7367958'		0.2	2.4	3.33	0.2	0.4	2.52	1.68 No	0.2 Primary Over-Voltage
VKG072	510	'8117328_/_9390270'		0.17	2.07	3.33	0.2	0.73	2.55	1.68 No	0.17 Primary Over-Voltage
VKG072	511	'8005168_/_8005182'		0.23	2.33	3.33	0.2	0.5	2.51	1.68 No	0.2 Thermal Discharging
VKG072	512	'7369798_/_9063697'		0.23	2.33	3.33	0.2	0.5	2.5	1.68 No	0.2 Thermal Discharging
VKG072	513	'7369799_/_7369796'		0.23	2.33	3.33	0.2	0.5	2.49	1.68 No	0.2 Thermal Discharging
VKG072	514	'7367945_/_247613989'		0.2	2.1	3.33	0.2	0.4	2.5	1.68 No	0.2 Primary Over-Voltage
VKG072	515	'7367944_/_247614006'		0.2	2.1	3.33	0.2	0.4	2.49	1.68 No	0.2 Primary Over-Voltage
VKG072	516	'8117329_/_8117326'		0.17	2	3.33	0.2	0.73	2.48	1.68 No	0.17 Primary Over-Voltage
VKG072	517	'7684071_/_8005166'		0.2	2.23	3.33	0.2	0.5	2.44	1.68 No	0.2 Primary Over-Voltage
VKG072	518	'8631395_/_8631392'		0.2	2.23	3.33	0.2	0.5	2.43	1.68 No	0.2 Primary Over-Voltage
VKG072	519	'8004597_/_599349751'		0.2	2.2	3.33	0.2	0.4	2.42	1.68 No	0.2 Primary Over-Voltage
VKG072	520	'9573691_/_395601323'		0.17	2.23	3.33	0.2	0.4	2.4	1.68 No	0.17 Primary Over-Voltage
VKG072	521	'7684072_/_7684069'		0.2	2.17	3.33	0.2	0.5	2.39	1.68 No	0.2 Primary Over-Voltage
VKG072	522	'9262920_/_9573688'		0.17	2.2	3.33	0.2	0.4	2.37	1.68 No	0.17 Primary Over-Voltage
VKG072	523	'9265436_/_9265433'		0.2	2.13	3.33	0.2	0.5	2.35	1.68 No	0.2 Primary Over-Voltage
VKG072	524	'7677165_/_55517481'		0.17	1.87	3.33	0.2	0.73	2.34	1.68 No	0.17 Primary Over-Voltage
VKG072	525	'7683991_/_599349742'		0.2	2.07	3.33	0.2	0.4	2.31	1.68 No	0.2 Primary Over-Voltage
VKG072	526	'8630043_/_247895143'		0.17	1.9	3.33	0.2	0.4	2.33	1.68 No	0.17 Primary Over-Voltage
VKG072	527	'8746464_/_9265533'		0.2	2.07	3.33	0.2	0.5	2.3	1.68 No	0.2 Primary Over-Voltage
VKG072	528	'8004644_/_9573784'		0.2	2.03	3.33	0.2	0.5	2.28	1.68 No	0.2 Primary Over-Voltage
VKG072	529	'8118232_/_8746462'		0.2	2.03	3.33	0.2	0.5	2.28	1.68 No	0.2 Primary Over-Voltage
VKG072	530	'8630042_/_8630040'		0.17	1.87	3.33	0.2	0.4	2.3	1.68 No	0.17 Primary Over-Voltage
VKG072	531	'8004645_/_8004642'		0.2	1.97	3.33	0.2	0.5	2.25	1.68 No	0.2 Primary Over-Voltage
VKG072	532	'8318107_/_9262917'		0.17	2	3.33	0.2	0.4	2.23	1.68 No	0.17 Primary Over-Voltage
VKG072	533	'7677166_/_55517462'		0.13	1.77	3.33	0.2	0.73	2.25	1.68 No	0.13 Primary Over-Voltage
VKG072	534	'8118233_/_8118230'		0.2	1.97	3.33	0.2	0.5	2.22	1.68 No	0.2 Primary Over-Voltage
VKG072	535	'7683992_/_599349733'		0.2	1.93	3.33	0.2	0.4	2.21	1.68 No	0.2 Primary Over-Voltage
VKG072	536	'7368024_/_8318264'		0.17	1.87	3.33	0.2	0.5	2.16	1.68 No	0.17 Primary Over-Voltage
VKG072	537	'8318235_/_599349724'		0.17	1.83	3.33	0.2	0.4	2.13	1.68 No	0.17 Primary Over-Voltage
VKG072	538	'8618737_/_55517443'		0.13	1.67	3.33	0.2	0.73	2.14	1.68 No	0.13 Primary Over-Voltage
VKG072	539	'53453440_/_53453418_2'		0.13	1.67	3.33	0.2	0.73	2.14	1.68 No	0.13 Primary Over-Voltage
VKG072	540	'8618785_/_53453418_1'		0.13	1.67	3.33	0.2	0.73	2.12	1.68 No	0.13 Primary Over-Voltage
VKG072	541	'8318203_/_122595404'		0.17	1.77	3.33	0.2	0.4	2.07	1.68 No	0.17 Primary Over-Voltage
VKG072	542	'7368025_/_7368022'		0.17	1.77	3.33	0.2	0.5	2.07	1.68 No	0.17 Primary Over-Voltage
VKG072	543	'7684007_/_8004610'		0.17	1.73	3.33	0.2	0.5	2.03	1.68 No	0.17 Primary Over-Voltage
VKG072	544	'8004581_/_525128447'		0.17	1.63	3.33	0.2	0.4	1.95	1.68 No	0.17 Primary Over-Voltage
VKG072	545	'7367992_/_122595442'		0.17	1.57	3.33	0.2	0.5	1.9	1.68 No	0.17 Primary Over-Voltage
VKG072	546	'8004580_/_436429414'		0.13	1.53	3.33	0.2	0.4	1.86	1.68 No	0.13 Primary Over-Voltage
VKG072	547	'7367993_/_7367990_1'		0.13	1.43	3.33	0.2	0.4	1.86	1.68 No	0.13 Primary Over-Voltage
VKG072	548	'8629994_/_599349778'		0.13	1.43	3.33	0.2	0.4	1.78	1.68 No	0.13 Primary Over-Voltage
VMR061	0	'VMR061_/_123034192'		10	10	10	0.416	10	10	3.25 Yes	0.416 Thermal Discharging
VMR061	1	'123034227_/_123034192'		10	10	10	0.416	10	10	3.25 Yes	0.416 Thermal Discharging
VMR061	2	'132914053_/_132913557_1'		10	10	10	0.416	10	10	3.25 Yes	0.416 Thermal Discharging
VMR061	3	'132913560_/_132913557_2'		10	10	10	0.416	10	10	3.25 Yes	0.416 Thermal Discharging
VMR061	4	'132913579_/_132913576'		10	10	10	0.416	10	10	3.25 Yes	0.416 Thermal Discharging
VMR061	5	'123034311_/_132913601'		10	10	10	0.416	10	10	3.25 Yes	0.416 Thermal Discharging
VMR061	6	'123034336_/_123034333'		10	10	10	0.416	10	10	3.25 Yes	0.416 Thermal Discharging
VMR061	7	'123034355_/_123034352'		10	10	10	0.416	10	10	3.25 Yes	0.416 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Over- Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
VMR061	8	'123034374_/123034371'		10	10	10	0.416	10	10	3.25 Yes	0.416 Thermal Discharging
VMR061	9	'123034393_/123034390'		10	10	10	0.416	10	10	3.25 Yes	0.416 Thermal Discharging
VMR061	10	'123034412_/123034409'		10	10	10	0.416	10	10	3.25 Yes	0.416 Thermal Discharging
VMR061	11	'123034431_/123034428'		10	10	10	0.416	10	10	3.25 Yes	0.416 Thermal Discharging
VMR061	12	'221291937_/123034447_1'		10	10	10	0.416	10	10	3.25 Yes	0.416 Thermal Discharging
VMR061	13	'221291958_/123034471_1'		10	10	10	0.416	10	10	3.25 Yes	0.416 Thermal Discharging
VMR061	14	'221291924_/123034471_2'		6	10	10	0.416	10	10	3.25 Yes	0.416 Thermal Discharging
VMR061	15	'132913269_/123034471_3'		6	10	10	0.416	10	10	3.25 Yes	0.416 Thermal Discharging
VMR061	16	'132913270_/132913267'		5.8	10	10	0.416	10	10	3.25 Yes	0.416 Thermal Discharging
VMR061	17	'221291915_/132913325_1'		5.8	10	10	0.416	10	10	3.25 Yes	0.416 Thermal Discharging
VMR061	18	'123034737_/132913325_2'		4.3	10	10	0.416	10	10	3.25 Yes	0.416 Thermal Discharging
VMR061	19	'3275772_/132913325_3'		4.3	10	10	0.416	10	10	3.25 Yes	0.416 Thermal Discharging
VMR061	20	'3275771_/3275769'		4.2	10	10	0.416	10	10	3.25 Yes	0.416 Thermal Discharging
VMR061	21	'3293025_/3293040'		4.2	10	10	0.416	10	10	3.25 Yes	0.416 Thermal Discharging
VMR061	22	'221853291_/43291776_2'		4.2	10	10	0.416	10	10	3.25 Yes	0.416 Thermal Discharging
VMR061	23	'43288775_/3293023'		4.2	10	10	0.416	10	10	3.25 Yes	0.416 Thermal Discharging
VMR061	24	'221853259_/3275786_2'		4.1	10	10	0.416	4.8	10	3.25 Yes	0.416 Thermal Discharging
VMR061	25	'3252751_/3252748'		4.1	10	10	0.416	10	10	3.25 Yes	0.416 Thermal Discharging
VMR061	26	'3252768_/3252765'		4	10	10	0.416	10	10	3.25 Yes	0.416 Thermal Discharging
VMR061	27	'3252785_/3252782'		3.9	10	10	0.416	10	10	3.25 Yes	0.416 Thermal Discharging
VMR061	28	'3275788_/3275786_1'		3.9	10	10	0.416	1.5	10	3.25 Yes	0.416 Thermal Discharging
VMR061	29	'110525038_/7570838_1'		3.9	10	10	0.416	0.9	10	3.25 Yes	0.416 Thermal Discharging
VMR061	30	'43288762_/3252799'		3.9	10	10	0.416	10	10	3.25 Yes	0.416 Thermal Discharging
VMR061	31	'7570841_/7570838_2'		3.9	10	10	0.416	0.9	10	3.25 Yes	0.416 Thermal Discharging
VMR061	32	'3252819_/43288764'		3.8	10	10	0.416	10	10	3.25 Yes	0.416 Thermal Discharging
VMR061	33	'3275806_/3275803'		3.8	10	10	0.416	1.5	10	3.25 Yes	0.416 Thermal Discharging
VMR061	34	'3271421_/3271435_1'		3.8	10	10	0.416	1.6	10	3.25 Yes	0.416 Thermal Discharging
VMR061	35	'3252836_/3252833'		3.7	10	10	0.416	10	10	3.25 Yes	0.416 Thermal Discharging
VMR061	36	'3251665_/3271435_2'		3.8	10	10	0.416	1.6	10	3.25 Yes	0.416 Thermal Discharging
VMR061	37	'3277783_/3277780_1'		3.7	10	10	0.416	10	10	3.25 Yes	0.416 Thermal Discharging
VMR061	38	'43288673_/3277780_2'		3.7	10	10	0.416	10	10	3.25 Yes	0.416 Thermal Discharging
VMR061	39	'43288660_/43288675'		3.6	10	10	0.416	10	10	3.25 Yes	0.416 Thermal Discharging
VMR061	40	'3277817_/43288662'		3.6	10	10	0.416	10	10	3.25 Yes	0.416 Thermal Discharging
VMR061	41	'3277834_/3277831'		3.5	10	10	0.416	10	10	3.25 Yes	0.416 Thermal Discharging
VMR061	42	'43288647_/3277848'		3.5	10	10	0.416	10	10	3.25 Yes	0.416 Thermal Discharging
VMR061	43	'3251645_/3271452'		3.5	10	10	0.416	1.6	10	3.25 Yes	0.416 Thermal Discharging
VMR061	44	'3277868_/43288649'		3.4	10	10	0.416	10	10	3.25 Yes	0.416 Thermal Discharging
VMR061	45	'3251666_/3251663'		3.4	10	10	0.416	1.6	10	3.25 Yes	0.416 Thermal Discharging
VMR061	46	'3277885_/3277882'		3.3	10	10	0.416	10	10	3.25 Yes	0.416 Thermal Discharging
VMR061	47	'43288634_/3277899'		3.3	10	10	0.416	10	10	3.25 Yes	0.416 Thermal Discharging
VMR061	48	'3276868_/3277916'		3.3	10	10	0.416	10	10	3.25 Yes	0.416 Thermal Discharging
VMR061	49	'43288621_/3276866'		3.2	10	10	0.416	10	10	3.25 Yes	0.416 Thermal Discharging
VMR061	50	'3276291_/3276289_1'		3.2	10	10	0.416	10	10	3.25 Yes	0.416 Thermal Discharging
VMR061	51	'3252064_/3252078'		3.2	10	10	0.416	1.6	10	3.25 Yes	0.416 Thermal Discharging
VMR061	52	'3276275_/3276289_2'		3.2	10	10	0.416	10	10	3.25 Yes	0.416 Thermal Discharging
VMR061	53	'3279997_/3279994'		3.1	10	10	0.416	10	10	3.25 Yes	0.416 Thermal Discharging
VMR061	54	'3276203_/3276272'		3.1	10	10	0.416	10	10	3.25 Yes	0.416 Thermal Discharging
VMR061	55	'3276241_/3276238'		3.1	10	10	0.416	10	10	3.25 Yes	0.416 Thermal Discharging
VMR061	56	'3274152_/3276255'		3	10	10	0.416	10	10	3.25 Yes	0.416 Thermal Discharging
VMR061	57	'7252046_/9146013'		3	10	10	0.416	5.4	10	3.25 Yes	0.416 Thermal Discharging
VMR061	58	'132830691_/132830700'		3	10	10	0.416	10	10	3.25 Yes	0.416 Thermal Discharging
VMR061	59	'132830916_/132830756_1'		1	3.33	3.33	0.136	0.8	3.33	1.08 Yes	0.136 Thermal Discharging
VMR061	60	'3274153_/3274150'		3	10	10	0.416	10	10	3.25 Yes	0.416 Thermal Discharging
VMR061	61	'3252047_/3252061'		3	10	10	0.416	1.6	10	3.25 Yes	0.416 Thermal Discharging
VMR061	62	'43288865_/3274201'		2.9	10	10	0.416	10	10	3.25 Yes	0.416 Thermal Discharging
VMR061	63	'3274169_/43288867'		2.9	10	10	0.416	10	10	3.25 Yes	0.416 Thermal Discharging
VMR061	64	'132830759_/132830756_2'		1	3.33	3.33	0.136	0.8	3.33	1.08 Yes	0.136 Thermal Discharging
VMR061	65	'3274170_/3274167'		2.8	9.9	10	0.416	10	10	3.25 Yes	0.416 Thermal Discharging
VMR061	66	'7252026_/269830738_1'		2.8	9.9	10	0.416	1.6	10	3.25 Yes	0.416 Thermal Discharging
VMR061	67	'7252047_/7252044'		2.8	9.8	10	0.416	1.5	10	3.25 Yes	0.416 Thermal Discharging
VMR061	68	'3251682_/3252044'		2.8	9.6	10	0.416	1.6	10	3.25 Yes	0.416 Thermal Discharging
VMR061	69	'3274187_/3274184'		2.8	9.6	10	0.416	10	10	3.25 Yes	0.416 Thermal Discharging
VMR061	70	'3251683_/3251703_1'		2.8	9.5	10	0.416	0.9	10	3.25 Yes	0.416 Thermal Discharging
VMR061	71	'8831527_/9145993_1'		2.8	9.6	10	0.416	1.5	10	3.25 Yes	0.416 Thermal Discharging
VMR061	72	'3287514_/3287511_2'		0.93	3.13	3.33	0.136	0.53	3.33	1.08 Yes	0.136 Thermal Discharging
VMR061	73	'3287586_/3287601'		2.7	9.4	10	0.416	10	10	3.25 Yes	0.416 Thermal Discharging
VMR061	74	'269830733_/269830738_2'		2.7	9.3	10	0.416	1.6	10	3.25 Yes	0.416 Thermal Discharging
VMR061	75	'3252013_/3252027'		2.7	9.2	10	0.416	1.6	10	3.25 Yes	0.416 Thermal Discharging
VMR061	76	'269830830_/269830849'		2.7	9.1	10	0.416	1.6	10	3.25 Yes	0.416 Thermal Discharging
VMR061	77	'7253275_/7881911_1'		2.9	3.07	3.33	0.136	0.8	3.33	1.08 Yes	0.136 Thermal Discharging
VMR061	78	'3278715_/3287584'		0.7	9.2	10	0.416	10	10	3.25 Yes	0.416 Thermal Discharging
VMR061	79	'9145996_/9145993_2'		2.6	9.1	10	0.416	1.5	10	3.25 Yes	0.416 Thermal Discharging
VMR061	80	'7571113_/7571110_2'		0.9	3.07	3.33	0.136	1.4	3.33	1.08 Yes	0.136 Thermal Discharging
VMR061	81	'3287513_/3287511_1'		0.9	3	3.33	0.136	0.3	3.33	1.08 Yes	0.136 Thermal Discharging
VMR061	82	'3278716_/3278713'		2.6	9	10	0.416	10	10	3.25 Yes	0.416 Thermal Discharging
VMR061	83	'3292625_/3292622'		2.6	8.9	10	0.416	10	10	3.25 Yes	0.416 Thermal Discharging
VMR061	84	'49932067_/7571242_1'		0.87	2.97	3.33	0.136	0.5	3.33	1.08 Yes	0.136 Thermal Discharging
VMR061	85	'3251706_/3251703_2'		2.6	8.8	10	0.416	0.9	10	3.25 Yes	0.416 Thermal Discharging
VMR061	86	'7254484_/7571242_2'		0.87	2.97	3.33	0.136	0.5	3.33	1.08 Yes	0.136 Thermal Discharging
VMR061	87	'3290622_/3292639'		2.6	8.8	10	0.416	10	10	3.25 Yes	0.416 Thermal Discharging
VMR061	88	'132830774_/132830771'		0.93	2.9	3.33	0.136	0.8	3.33	1.08 Yes	0.136 Thermal Discharging
VMR061	89	'3251979_/3251993'		2.5	8.6	10	0.416	1.6	10	3.25 Yes	0.416 Thermal Discharging
VMR061	90	'3290623_/3290620'		2.5	8.6	10	0.416	10	10	3.25 Yes	0.416 Thermal Discharging
VMR061	91	'3251962_/3251959_2'		2.5	8.6	10	0.416	1.6	10	3.25 Yes	0.416 Thermal Discharging
VMR061	92	'3251945_/3251959_1'		2.4	8.2	10	0.416	1.6	10	3.25 Yes	0.416 Thermal Discharging
VMR061	93	'3251723_/3251720_1'		2.4	8.2	10	0.416	0.9	10	3.25 Yes	0.416 Thermal Discharging
VMR061	94	'43291473_/3291410'		2.4	8.2	10	0.416	10	10	3.25 Yes	0.416 Thermal Discharging
VMR061	95	'7253838_/43291475_1'		2.4	8.2	10	0.416	10	10	3.25 Yes	0.416 Thermal Discharging
VMR061	96	'43288788_/3251720_2'		2.4	8.1	10	0.416	0.9	10	3.25 Yes	0.416 Thermal Discharging
VMR061	97	'7253839_/9147531_1'		0.8	2.7	3.33	0.136	0.5	3.33	1.08 Yes	0.136 Thermal Discharging
VMR061	98	'3291413_/43291475_2'		2.4	8.1	10	0.416	10	9.99	3.25 Yes	0.416 Thermal Discharging
VMR061	99	'639651267_/639651140_1'		0.8	2.7	3.33	0.136	0.7	3.32	1.08 Yes	0.136 Thermal Discharging
VMR061	100	'639650065_/3291427'		2.4	8	10	0.416	10	9.93	3.25 Yes	0.416 Thermal Discharging
VMR061	101	'639650121_/639650105_1'		0.8	2.67	3.33	0.136	0.5	3.3	1.08 Yes	0.136 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
VMR061	102	'43290934_/_132830792'	0.87	2.67	3.33	0.136	0.8	3.33	1.08	Yes	0.136 Thermal Discharging
VMR061	103	'405304044_/_639650069'	2.4	7.9	10	0.416	10	9.85	3.25	Yes	0.416 Thermal Discharging
VMR061	104	'405304013_/_3287550'	2.4	7.9	10	0.416	10	9.85	3.25	Yes	0.416 Thermal Discharging
VMR061	105	'7881914_/_7881911_2'	0.87	2.63	3.33	0.136	0.8	3.33	1.08	Yes	0.136 Thermal Discharging
VMR061	106	'7570769_/_9147531_2'	0.8	2.6	3.33	0.136	0.5	3.28	1.08	Yes	0.136 Thermal Discharging
VMR061	107	'639651143_/_639651140_2'	0.8	2.63	3.33	0.136	0.7	3.27	1.08	Yes	0.136 Thermal Discharging
VMR061	108	'43291639_/_3287567'	2.3	7.8	10	0.416	10	9.75	3.25	Yes	0.416 Thermal Discharging
VMR061	109	'43288709_/_43288711'	2.3	7.8	10	0.416	1.6	10	3.25	Yes	0.416 Thermal Discharging
VMR061	110	'639651277_/_639649921_2'	0.8	2.63	3.33	0.136	0.7	3.26	1.08	Yes	0.136 Thermal Discharging
VMR061	111	'3274119_/_43291641'	2.3	7.7	10	0.416	10	9.64	3.25	Yes	0.416 Thermal Discharging
VMR061	112	'43291652_/_43291654'	2.3	7.6	10	0.416	10	9.53	3.25	Yes	0.416 Thermal Discharging
VMR061	113	'106259953_/_106259962'	2.3	7.5	10	0.416	10	9.44	3.25	Yes	0.416 Thermal Discharging
VMR061	114	'43291665_/_3274065'	2.2	7.5	10	0.416	10	9.39	3.25	Yes	0.416 Thermal Discharging
VMR061	115	'424993419_/_106260309_1'	0.73	2.47	3.33	0.136	0.5	3.12	1.08	Yes	0.136 Thermal Discharging
VMR061	116	'3251740_/_43288790'	2.2	7.4	10	0.416	0.9	10	3.25	Yes	0.416 Thermal Discharging
VMR061	117	'3287956_/_43290936'	0.8	2.47	3.33	0.136	0.8	3.24	1.08	Yes	0.136 Thermal Discharging
VMR061	118	'7254485_/_7254482'	0.83	2.43	3.33	0.136	0.5	3.19	1.08	Yes	0.136 Thermal Discharging
VMR061	119	'3274085_/_43291667'	2.2	7.4	10	0.416	10	9.26	3.25	Yes	0.416 Thermal Discharging
VMR061	120	'470105313_/_470105264_2'	0.73	2.43	3.33	0.136	1.4	3.1	1.08	Yes	0.136 Thermal Discharging
VMR061	121	'357629437_/_357629439'	2.2	7.3	10	0.416	1.6	10	3.25	Yes	0.416 Thermal Discharging
VMR061	122	'3274101_/_3274099'	2.2	7.3	10	0.416	10	9.19	3.25	Yes	0.416 Thermal Discharging
VMR061	123	'7253543_/_7570292_1'	0.8	2.43	3.33	0.136	0.3	3.21	1.08	Yes	0.136 Thermal Discharging
VMR061	124	'3252097_/_43288724'	1.47	4.8	6.67	0.28	1.07	6.65	2.17	Yes	0.28 Thermal Discharging
VMR061	125	'56088496_/_7571258'	0.8	2.4	3.33	0.136	0.5	3.15	1.08	Yes	0.136 Thermal Discharging
VMR061	126	'3273084_/_3274391'	2.2	7.2	10	0.416	10	9.08	3.25	Yes	0.416 Thermal Discharging
VMR061	127	'102601632_/_87697871'	2.2	7.2	10	0.416	10	9.08	3.25	Yes	0.416 Thermal Discharging
VMR061	128	'87698184_/_87698181'	2.2	7.2	10	0.416	10	9.08	3.25	Yes	0.416 Thermal Discharging
VMR061	129	'3268437_/_3268447'	0.73	2.4	3.33	0.136	0.9	3.02	1.08	Yes	0.136 Thermal Discharging
VMR061	130	'3251907_/_3251905'	2.1	7.1	10	0.416	1.6	9.87	3.25	Yes	0.416 Thermal Discharging
VMR061	131	'7570295_/_7570292_2'	0.77	2.37	3.33	0.136	0.3	3.16	1.08	Yes	0.136 Thermal Discharging
VMR061	132	'87698265_/_87698262'	2.2	7.1	10	0.416	10	8.97	3.25	Yes	0.416 Thermal Discharging
VMR061	133	'3251757_/_3251754'	2.1	7	10	0.416	0.9	9.83	3.25	Yes	0.416 Thermal Discharging
VMR061	134	'7571112_/_7571110_1'	0.77	2.33	3.33	0.136	0.8	3.1	1.08	Yes	0.136 Thermal Discharging
VMR061	135	'87698284_/_87698281'	2.1	7	10	0.416	10	8.86	3.25	Yes	0.416 Thermal Discharging
VMR061	136	'43288814_/_3272034'	2.1	7	10	0.416	4.7	8.91	3.25	Yes	0.416 Thermal Discharging
VMR061	137	'69404809_/_3271262'	1.4	4.6	6.67	0.28	1.07	6.45	2.17	Yes	0.28 Thermal Discharging
VMR061	138	'87698303_/_87698300'	2.1	6.9	10	0.416	10	8.75	3.25	Yes	0.416 Thermal Discharging
VMR061	139	'56088605_/_56088688'	0.77	2.27	3.33	0.136	0.5	3.05	1.08	Yes	0.136 Thermal Discharging
VMR061	140	'87698322_/_87698319'	2.1	6.8	10	0.416	10	8.64	3.25	Yes	0.416 Thermal Discharging
VMR061	141	'87698341_/_87698338'	2.1	6.7	10	0.416	10	8.54	3.25	Yes	0.416 Thermal Discharging
VMR061	142	'3287969_/_3287966'	0.73	2.23	3.33	0.136	0.8	3.04	1.08	Yes	0.136 Thermal Discharging
VMR061	143	'3272037_/_43288816'	2	6.7	10	0.416	4.7	8.7	3.25	Yes	0.416 Thermal Discharging
VMR061	144	'87698392_/_87698389'	2.1	6.7	10	0.416	10	8.44	3.25	Yes	0.416 Thermal Discharging
VMR061	145	'470105234_/_470105264_1'	0.67	2.2	3.33	0.136	0.5	2.89	1.08	Yes	0.136 Thermal Discharging
VMR061	146	'3251774_/_3251771'	2	6.5	10	0.416	0.9	9.37	3.25	Yes	0.416 Thermal Discharging
VMR061	147	'56088525_/_56088707'	0.73	2.17	3.33	0.136	0.5	2.96	1.08	Yes	0.136 Thermal Discharging
VMR061	148	'87698411_/_87698408'	2	6.6	10	0.416	10	8.34	3.25	Yes	0.416 Thermal Discharging
VMR061	149	'7883353_/_8515791'	0.7	2.17	3.33	0.136	0.8	2.97	1.08	Yes	0.136 Thermal Discharging
VMR061	150	'106260298_/_106260309_2'	0.67	2.17	3.33	0.136	0.5	2.87	1.08	Yes	0.136 Thermal Discharging
VMR061	151	'3276507_/_87698433'	2	6.5	10	0.416	10	8.24	3.25	Yes	0.416 Thermal Discharging
VMR061	152	'3271225_/_3271242'	1.9	6.4	10	0.416	1.6	9.18	3.25	Yes	0.416 Thermal Discharging
VMR061	153	'3272880_/_3276521'	2	6.4	10	0.416	10	8.14	3.25	Yes	0.416 Thermal Discharging
VMR061	154	'123764173_/_87698512_1'	0.67	2.13	3.33	0.136	0.5	2.7	1.08	Yes	0.136 Thermal Discharging
VMR061	155	'3272863_/_3272877'	2	6.3	10	0.416	10	8.06	3.25	Yes	0.416 Thermal Discharging
VMR061	156	'3272846_/_3272860'	2	6.3	10	0.416	10	7.98	3.25	Yes	0.416 Thermal Discharging
VMR061	157	'8515761_/_8515759'	0.7	2.07	3.33	0.136	0.8	2.85	1.08	Yes	0.136 Thermal Discharging
VMR061	158	'3287982_/_3287979'	0.67	2.07	3.33	0.136	0.8	2.87	1.08	Yes	0.136 Thermal Discharging
VMR061	159	'3271286_/_3271283'	0.63	2.07	3.33	0.136	0.53	2.95	1.08	Yes	0.136 Thermal Discharging
VMR061	160	'3272829_/_3272843'	1.9	6.2	10	0.416	10	7.88	3.25	Yes	0.416 Thermal Discharging
VMR061	161	'3271205_/_3271222'	1.9	6.1	10	0.416	1.6	8.86	3.25	Yes	0.416 Thermal Discharging
VMR061	162	'7883354_/_7883351'	0.67	2.03	3.33	0.136	0.8	2.84	1.08	Yes	0.136 Thermal Discharging
VMR061	163	'43288801_/_3251788'	1.8	6.1	10	0.416	0.9	8.89	3.25	Yes	0.416 Thermal Discharging
VMR061	164	'7253899_/_7570766'	0.67	2	3.33	0.136	0.5	2.76	1.08	Yes	0.136 Thermal Discharging
VMR061	165	'3272812_/_3272826'	1.9	6.1	10	0.416	10	7.77	3.25	Yes	0.416 Thermal Discharging
VMR061	166	'33433057_/_8833601'	0.63	2	3.33	0.136	0.3	2.79	1.08	Yes	0.136 Thermal Discharging
VMR061	167	'43287503_/_43287505'	1.9	5.9	10	0.416	10	7.66	3.25	Yes	0.416 Thermal Discharging
VMR061	168	'470105202_/_470105250'	0.6	1.97	3.33	0.136	0.5	2.68	1.08	Yes	0.136 Thermal Discharging
VMR061	169	'3271299_/_3271296'	0.6	1.97	3.33	0.136	0.53	2.84	1.08	Yes	0.136 Thermal Discharging
VMR061	170	'8515006_/_8515003'	0.63	1.97	3.33	0.136	0.3	2.75	1.08	Yes	0.136 Thermal Discharging
VMR061	171	'3271187_/_3271202'	1.8	5.8	10	0.416	1.6	8.54	3.25	Yes	0.416 Thermal Discharging
VMR061	172	'3272775_/_3272792'	1.8	5.8	10	0.416	10	7.55	3.25	Yes	0.416 Thermal Discharging
VMR061	173	'3251808_/_3251805'	1.7	5.8	10	0.416	0.9	8.53	3.25	Yes	0.416 Thermal Discharging
VMR061	174	'3271172_/_3271169_2'	1.13	3.87	6.67	0.28	1.07	5.65	2.17	Yes	0.28 Thermal Discharging
VMR061	175	'87698515_/_87698512_2'	0.63	1.93	3.33	0.136	0.5	2.54	1.08	Yes	0.136 Thermal Discharging
VMR061	176	'639650089_/_639650105_2'	0.63	1.93	3.33	0.136	0.5	2.66	1.08	Yes	0.136 Thermal Discharging
VMR061	177	'3287995_/_3287992'	0.63	1.93	3.33	0.136	0.8	2.72	1.08	Yes	0.136 Thermal Discharging
VMR061	178	'8205007_/_8515775'	0.63	1.9	3.33	0.136	0.8	2.7	1.08	Yes	0.136 Thermal Discharging
VMR061	179	'3268002_/_3272772'	1.8	5.8	10	0.416	10	7.46	3.25	Yes	0.416 Thermal Discharging
VMR061	180	'37671690_/_9150261'	0.63	1.9	3.33	0.136	0.8	2.69	1.08	Yes	0.136 Thermal Discharging
VMR061	181	'37671697_/_37671694'	0.63	1.9	3.33	0.136	0.8	2.69	1.08	Yes	0.136 Thermal Discharging
VMR061	182	'37671732_/_37671736'	0.63	1.9	3.33	0.136	0.8	2.69	1.08	Yes	0.136 Thermal Discharging
VMR061	183	'37671746_/_37671750'	0.63	1.9	3.33	0.136	0.8	2.69	1.08	Yes	0.136 Thermal Discharging
VMR061	184	'37671704_/_37671708'	0.63	1.9	3.33	0.136	0.8	2.69	1.08	Yes	0.136 Thermal Discharging
VMR061	185	'37671718_/_37671743'	0.63	1.9	3.33	0.136	0.8	2.69	1.08	Yes	0.136 Thermal Discharging
VMR061	186	'37671725_/_37671729'	0.63	1.9	3.33	0.136	0.8	2.69	1.08	Yes	0.136 Thermal Discharging
VMR061	187	'3272723_/_3272721'	1.8	5.7	10	0.416	10	7.36	3.25	Yes	0.416 Thermal Discharging
VMR061	188	'7568803_/_7568800'	1.2	3.8	6.67	0.28	1	4.9	2.17	Yes	0.28 Thermal Discharging
VMR061	189	'106260485_/_106260496'	0.57	1.87	3.33	0.136	0.5	2.59	1.08	Yes	0.136 Thermal Discharging
VMR061	190	'3268003_/_3268016_1'	0.6	1.87	3.33	0.136	0.5	2.44	1.08	Yes	0.136 Thermal Discharging
VMR061	191	'43287446_/_43287448'	1.8	5.6	10	0.416	10	7.28	3.25	Yes	0.416 Thermal Discharging
VMR061	192	'3251825_/_3251822'	1.7	5.5	10	0.416	0.9	8.23	3.25	Yes	0.416 Thermal Discharging
VMR061	193	'3272707_/_3272755'	1.8	5.5	10	0.416	10	7.2	3.25	Yes	0.416 Thermal Discharging
VMR061	194	'43288583_/_3271338'	1.13	3.67	6.67	0.28	1.07	5.42	2.17	Yes	0.28 Thermal Discharging
VMR061	195	'7571261_/_56088527'	0.6	1.83	3.33	0.136	0.5	2.6	1.08	Yes	0.136 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
VMR061	196	'7254436_/_64019700'		0.6	1.83	3.33	0.136	0.8	2.62	1.08 Yes	0.136 Thermal Discharging
VMR061	197	'639649905_/_639649921_1'		0.6	1.83	3.33	0.136	0.5	2.57	1.08 Yes	0.136 Thermal Discharging
VMR061	198	'8205008_/_8205005'		0.6	1.8	3.33	0.136	0.8	2.58	1.08 Yes	0.136 Thermal Discharging
VMR061	199	'3267856_/_3272704'		1.7	5.4	10	0.416	10	7.09	3.25 Yes	0.416 Thermal Discharging
VMR061	200	'460321720_/_3272687'		1.7	5.4	10	0.416	10	7.09	3.25 Yes	0.416 Thermal Discharging
VMR061	201	'3271171_/_3271169_1'		1.07	3.6	6.67	0.28	0.6	5.36	2.17 Yes	0.28 Thermal Discharging
VMR061	202	'3277700_/_3277716'		1.07	3.6	6.67	0.28	0.6	5.35	2.17 Yes	0.28 Thermal Discharging
VMR061	203	'3271093_/_3277698'		1.07	3.6	6.67	0.28	0.6	5.35	2.17 Yes	0.28 Thermal Discharging
VMR061	204	'450957427_/_460320339'		1.7	5.4	10	0.416	10	7.07	3.25 Yes	0.416 Thermal Discharging
VMR061	205	'463733015_/_450957312_1'		1.7	5.4	10	0.416	10	7.06	3.25 Yes	0.416 Thermal Discharging
VMR061	206	'460320342_/_450957312_2'		1.7	5.4	10	0.416	10	7.05	3.25 Yes	0.416 Thermal Discharging
VMR061	207	'460320360_/_460320357'		1.7	5.4	10	0.416	10	7.03	3.25 Yes	0.416 Thermal Discharging
VMR061	208	'601157947_/_460320525_2'		1.7	5.4	10	0.416	10	7.02	3.25 Yes	0.416 Thermal Discharging
VMR061	209	'460320844_/_460320525_1'		1.7	5.4	10	0.416	1.5	7.02	3.25 Yes	0.416 Thermal Discharging
VMR061	210	'3272656_/_3272670'		1.7	5.3	10	0.416	10	7.02	3.25 Yes	0.416 Thermal Discharging
VMR061	211	'3271328_/_3271325'		0.57	1.8	3.33	0.136	0.53	2.64	1.08 Yes	0.136 Thermal Discharging
VMR061	212	'463606359_/_460320765_1'		1.7	5.3	10	0.416	1.5	7.01	3.25 Yes	0.416 Thermal Discharging
VMR061	213	'43290923_/_3293266'		0.57	1.8	3.33	0.136	0.8	2.57	1.08 Yes	0.136 Thermal Discharging
VMR061	214	'460320378_/_460320375'		1.7	5.3	10	0.416	10	7	3.25 Yes	0.416 Thermal Discharging
VMR061	215	'460320768_/_460320765_2'		1.7	5.3	10	0.416	1.5	7	3.25 Yes	0.416 Thermal Discharging
VMR061	216	'463732957_/_460320543_1'		1.7	5.3	10	0.416	1.5	7	3.25 Yes	0.416 Thermal Discharging
VMR061	217	'463606365_/_460321062_1'		1.7	5.3	10	0.416	1.5	6.98	3.25 Yes	0.416 Thermal Discharging
VMR061	218	'460320396_/_460320393'		1.7	5.3	10	0.416	10	6.97	3.25 Yes	0.416 Thermal Discharging
VMR061	219	'463732947_/_460320889_3'		1.7	5.3	10	0.416	1.5	6.98	3.25 Yes	0.416 Thermal Discharging
VMR061	220	'460321065_/_460321062_2'		1.7	5.3	10	0.416	1.5	6.97	3.25 Yes	0.416 Thermal Discharging
VMR061	221	'601157971_/_460320543_2'		1.7	5.3	10	0.416	1.5	6.98	3.25 Yes	0.416 Thermal Discharging
VMR061	222	'87698542_/_87698539'		0.6	1.77	3.33	0.136	0.5	2.38	1.08 Yes	0.136 Thermal Discharging
VMR061	223	'463606371_/_460321276_1'		1.7	5.3	10	0.416	1.5	6.96	3.25 Yes	0.416 Thermal Discharging
VMR061	224	'3272636_/_3272653'		1.7	5.3	10	0.416	10	6.95	3.25 Yes	0.416 Thermal Discharging
VMR061	225	'601159827_/_460320889_2'		1.7	5.3	10	0.416	1.5	6.96	3.25 Yes	0.416 Thermal Discharging
VMR061	226	'8205023_/_8205021'		0.6	1.77	3.33	0.136	0.8	2.54	1.08 Yes	0.136 Thermal Discharging
VMR061	227	'460320414_/_460320411'		1.7	5.3	10	0.416	10	6.95	3.25 Yes	0.416 Thermal Discharging
VMR061	228	'460321279_/_460321276_2'		1.7	5.3	10	0.416	1.5	6.94	3.25 Yes	0.416 Thermal Discharging
VMR061	229	'463732937_/_460321080_1'		1.7	5.3	10	0.416	1.5	6.95	3.25 Yes	0.416 Thermal Discharging
VMR061	230	'3251842_/_3251839'		1.6	5.3	10	0.416	0.9	7.92	3.25 Yes	0.416 Thermal Discharging
VMR061	231	'601185930_/_460321481_2'		1.7	5.3	10	0.416	10	6.92	3.25 Yes	0.416 Thermal Discharging
VMR061	232	'601167269_/_460321080_2'		1.7	5.3	10	0.416	1.5	6.93	3.25 Yes	0.416 Thermal Discharging
VMR061	233	'463732927_/_460321294_1'		1.7	5.3	10	0.416	1.5	6.92	3.25 Yes	0.416 Thermal Discharging
VMR061	234	'460321484_/_460321481_1'		1.7	5.3	10	0.416	1.5	6.92	3.25 Yes	0.416 Thermal Discharging
VMR061	235	'3267857_/_3267867_1'		0.57	1.73	3.33	0.136	0.5	2.31	1.08 Yes	0.136 Thermal Discharging
VMR061	236	'43287615_/_3268434'		0.6	1.73	3.33	0.136	0.9	2.46	1.08 Yes	0.136 Thermal Discharging
VMR061	237	'463732917_/_460321499_1'		1.7	5.2	10	0.416	1.5	6.9	3.25 Yes	0.416 Thermal Discharging
VMR061	238	'601180345_/_460321294_2'		1.7	5.3	10	0.416	1.5	6.9	3.25 Yes	0.416 Thermal Discharging
VMR061	239	'3272602_/_3272633'		1.7	5.2	10	0.416	10	6.88	3.25 Yes	0.416 Thermal Discharging
VMR061	240	'601185954_/_460321499_2'		1.7	5.2	10	0.416	1.5	6.88	3.25 Yes	0.416 Thermal Discharging
VMR061	241	'3271341_/_43288585'		1.07	3.47	6.67	0.28	1.07	5.18	2.17 Yes	0.28 Thermal Discharging
VMR061	242	'460320845_/_460320543_3'		1.7	5.2	10	0.416	1.5	6.88	3.25 Yes	0.416 Thermal Discharging
VMR061	243	'3271080_/_3271090'		0.53	1.73	3.33	0.136	0.3	2.58	1.08 Yes	0.136 Thermal Discharging
VMR061	244	'460320892_/_460320889_1'		1.7	5.2	10	0.416	1.5	6.86	3.25 Yes	0.416 Thermal Discharging
VMR061	245	'70813298_/_9462908_1'		0.4	1.23	3.33	0.136	0.8	2.51	1.08 Yes	0.136 Thermal Discharging
VMR061	246	'43287433_/_3272599'		1.7	5.1	10	0.416	10	6.81	3.25 Yes	0.416 Thermal Discharging
VMR061	247	'460321083_/_460321080_3'		1.7	5.2	10	0.416	1.5	6.83	3.25 Yes	0.416 Thermal Discharging
VMR061	248	'3271106_/_3271103'		1.07	3.4	6.67	0.28	0.6	5.14	2.17 Yes	0.28 Thermal Discharging
VMR061	249	'460321297_/_460321294_3'		1.6	5.1	10	0.416	1.5	6.8	3.25 Yes	0.416 Thermal Discharging
VMR061	250	'460321502_/_460321499_3'		1.6	5.1	10	0.416	1.5	6.78	3.25 Yes	0.416 Thermal Discharging
VMR061	251	'3271046_/_43289376'		1.5	5.1	10	0.416	0.9	7.68	3.25 Yes	0.416 Thermal Discharging
VMR061	252	'3272584_/_3272582'		1.6	5.1	10	0.416	10	6.7	3.25 Yes	0.416 Thermal Discharging
VMR061	253	'7253898_/_7253896'		0.57	1.7	3.33	0.136	0.5	2.42	1.08 Yes	0.136 Thermal Discharging
VMR061	254	'470105170_/_470105218'		0.5	1.67	3.33	0.136	0.5	2.39	1.08 Yes	0.136 Thermal Discharging
VMR061	255	'8514806_/_9147091'		0.53	1.67	3.33	0.136	0.8	2.43	1.08 Yes	0.136 Thermal Discharging
VMR061	256	'3268031_/_3272616'		1.6	5	10	0.416	10	6.62	3.25 Yes	0.416 Thermal Discharging
VMR061	257	'106260701_/_106260712'		0.5	1.67	3.33	0.136	0.5	2.37	1.08 Yes	0.136 Thermal Discharging
VMR061	258	'650727162_/_595557781_1'		1.6	5	10	0.416	2.4	6.61	3.25 Yes	0.416 Thermal Discharging
VMR061	259	'3268032_/_268291979_1'		1.6	5	10	0.416	1.5	6.6	3.25 Yes	0.416 Thermal Discharging
VMR061	260	'3293269_/_43290925'		0.53	1.67	3.33	0.136	0.8	2.43	1.08 Yes	0.136 Thermal Discharging
VMR061	261	'3268058_/_595557781_2'		1.6	4.9	10	0.416	2.4	6.58	3.25 Yes	0.416 Thermal Discharging
VMR061	262	'43287377_/_595557781_3'		1.6	4.9	10	0.416	2.4	6.57	3.25 Yes	0.416 Thermal Discharging
VMR061	263	'639650144_/_639650160'		0.53	1.63	3.33	0.136	0.5	2.38	1.08 Yes	0.136 Thermal Discharging
VMR061	264	'43287364_/_43287366'		1.6	4.9	10	0.416	10	6.55	3.25 Yes	0.416 Thermal Discharging
VMR061	265	'3271127_/_3271124'		1	3.27	6.67	0.28	0.6	4.97	2.17 Yes	0.28 Thermal Discharging
VMR061	266	'575996014_/_575996011'		0.57	1.67	3.33	0.136	0.5	2.26	1.08 Yes	0.136 Thermal Discharging
VMR061	267	'43287389_/_595557792'		1.6	4.9	10	0.416	2.4	6.52	3.25 Yes	0.416 Thermal Discharging
VMR061	268	'3271079_/_3271077'		0.5	1.63	3.33	0.136	0.3	2.47	1.08 Yes	0.136 Thermal Discharging
VMR061	269	'3268123_/_595557813_1'		1.6	4.9	10	0.416	2.4	6.51	3.25 Yes	0.416 Thermal Discharging
VMR061	270	'3272534_/_3272548'		1.6	4.9	10	0.416	10	6.51	3.25 Yes	0.416 Thermal Discharging
VMR061	271	'3268424_/_3268476'		0.57	1.63	3.33	0.136	0.9	2.34	1.08 Yes	0.136 Thermal Discharging
VMR061	272	'3276495_/_3276492'		0.53	1.63	3.33	0.136	0.5	2.25	1.08 Yes	0.136 Thermal Discharging
VMR061	273	'43291934_/_595557813_2'		1.6	4.9	10	0.416	2.4	6.46	3.25 Yes	0.416 Thermal Discharging
VMR061	274	'3292434_/_595557838_1'		1.6	4.9	10	0.416	2.4	6.46	3.25 Yes	0.416 Thermal Discharging
VMR061	275	'59922773_/_3272531'		1.6	4.8	10	0.416	10	6.45	3.25 Yes	0.416 Thermal Discharging
VMR061	276	'106261363_/_470105186'		0.5	1.6	3.33	0.136	0.5	2.31	1.08 Yes	0.136 Thermal Discharging
VMR061	277	'8514805_/_8514803'		0.53	1.6	3.33	0.136	0.8	2.37	1.08 Yes	0.136 Thermal Discharging
VMR061	278	'59923027_/_59922999'		1.6	4.8	10	0.416	10	6.41	3.25 Yes	0.416 Thermal Discharging
VMR061	279	'43290901_/_3287788'		0.5	1.6	3.33	0.136	0.3	2.42	1.08 Yes	0.136 Thermal Discharging
VMR061	280	'595557841_/_595557838_2'		1.6	4.8	10	0.416	2.4	6.39	3.25 Yes	0.416 Thermal Discharging
VMR061	281	'3268563_/_268291979_2'		1.6	4.8	10	0.416	1.5	6.44	3.25 Yes	0.416 Thermal Discharging
VMR061	282	'7571128_/_9150277'		0.53	1.6	3.33	0.136	0.8	2.35	1.08 Yes	0.136 Thermal Discharging
VMR061	283	'59923052_/_59923029'		1.6	4.7	10	0.416	10	6.34	3.25 Yes	0.416 Thermal Discharging
VMR061	284	'43287400_/_595557865'		1.6	4.8	10	0.416	2.4	6.33	3.25 Yes	0.416 Thermal Discharging
VMR061	285	'3267752_/_595557880_1'		1.6	4.8	10	0.416	2.4	6.32	3.25 Yes	0.416 Thermal Discharging
VMR061	286	'3271064_/_3287775'		0.47	1.6	3.33	0.136	0.3	2.39	1.08 Yes	0.136 Thermal Discharging
VMR061	287	'639650180_/_639650177'		0.53	1.57	3.33	0.136	0.5	2.29	1.08 Yes	0.136 Thermal Discharging
VMR061	288	'59923078_/_59923055'		1.6	4.7	10	0.416	10	6.3	3.25 Yes	0.416 Thermal Discharging
VMR061	289	'3271142_/_3271139'		0.93	3.13	6.67	0.28	0.6	4.79	2.17 Yes	0.28 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
											VSR (MW)	Limiting Threshold
VMR061	290	'106261135_/106261372'		0.47	1.57	3.33	0.136	0.5	2.27	1.08 Yes	0.136	Thermal Discharging
VMR061	291	'639649956_/639649972'		0.53	1.57	3.33	0.136	0.5	2.28	1.08 Yes	0.136	Thermal Discharging
VMR061	292	'595557883_/595557880_2'		1.5	4.7	10	0.416	2.4	6.27	3.25 Yes	0.416	Thermal Discharging
VMR061	293	'43287459_/3267867_2'		0.5	1.57	3.33	0.136	0.5	2.15	1.08 Yes	0.136	Thermal Discharging
VMR061	294	'59923104_/59923081'		1.5	4.6	10	0.416	10	6.25	3.25 Yes	0.416	Thermal Discharging
VMR061	295	'59923152_/59923107'		1.5	4.6	10	0.416	10	6.18	3.25 Yes	0.416	Thermal Discharging
VMR061	296	'43287492_/3268016_2'		0.5	1.53	3.33	0.136	0.5	2.15	1.08 Yes	0.136	Thermal Discharging
VMR061	297	'43288686_/43288688'		0.47	1.53	3.33	0.136	0.3	2.32	1.08 Yes	0.136	Thermal Discharging
VMR061	298	'59923178_/59923155'		1.5	4.5	10	0.416	10	6.12	3.25 Yes	0.416	Thermal Discharging
VMR061	299	'575996030_/575996027'		0.5	1.53	3.33	0.136	0.5	2.12	1.08 Yes	0.136	Thermal Discharging
VMR061	300	'43287792_/3272021'		0.47	1.53	3.33	0.136	0.3	2.31	1.08 Yes	0.136	Thermal Discharging
VMR061	301	'7571129_/9150293'		0.5	1.53	3.33	0.136	0.8	2.25	1.08 Yes	0.136	Thermal Discharging
VMR061	302	'59923204_/59923181'		1.5	4.5	10	0.416	10	6.07	3.25 Yes	0.416	Thermal Discharging
VMR061	303	'8515690_/8515687'		0.5	1.5	3.33	0.136	0.5	2.24	1.08 Yes	0.136	Thermal Discharging
VMR061	304	'677568434_/677568450'		0.5	1.5	3.33	0.136	0.5	2.21	1.08 Yes	0.136	Thermal Discharging
VMR061	305	'3271157_/3271154'		0.93	3	6.67	0.28	0.6	4.61	2.17 Yes	0.28	Thermal Discharging
VMR061	306	'106260934_/106260945'		0.43	1.5	3.33	0.136	0.5	2.19	1.08 Yes	0.136	Thermal Discharging
VMR061	307	'59923230_/59923207'		1.5	4.4	10	0.416	10	6.01	3.25 Yes	0.416	Thermal Discharging
VMR061	308	'3268550_/268292014'		1.5	4.4	10	0.416	1.5	6.13	3.25 Yes	0.416	Thermal Discharging
VMR061	309	'221853214_/59923233'		1.5	4.4	10	0.416	10	5.98	3.25 Yes	0.416	Thermal Discharging
VMR061	310	'3271063_/3271061'		0.43	1.5	3.33	0.136	0.3	2.26	1.08 Yes	0.136	Thermal Discharging
VMR061	311	'467056123_/66799485_1'		1.5	4.4	10	0.416	10	5.96	3.25 Yes	0.416	Thermal Discharging
VMR061	312	'68692253_/66799485_2'		1.5	4.4	10	0.416	10	5.95	3.25 Yes	0.416	Thermal Discharging
VMR061	313	'465054038_/68692275_1'		1.5	4.4	10	0.416	1.1	5.93	3.25 Yes	0.416	Thermal Discharging
VMR061	314	'465054021_/68692275_2'		1.5	4.4	10	0.416	1.1	5.91	3.25 Yes	0.416	Thermal Discharging
VMR061	315	'639650012_/639650028'		0.47	1.43	3.33	0.136	0.5	2.13	1.08 Yes	0.136	Thermal Discharging
VMR061	316	'3268411_/3268421'		0.5	1.43	3.33	0.136	0.9	2.12	1.08 Yes	0.136	Thermal Discharging
VMR061	317	'7569972_/7569970'		0.47	1.43	3.33	0.136	0.5	2.13	1.08 Yes	0.136	Thermal Discharging
VMR061	318	'3267765_/595557907'		1.4	4.3	10	0.416	2.4	5.83	3.25 Yes	0.416	Thermal Discharging
VMR061	319	'7568922_/7568920'		0.93	2.87	6.67	0.28	1	4.05	2.17 Yes	0.28	Thermal Discharging
VMR061	320	'3277670_/3277667'		0.87	2.87	6.67	0.28	0.6	4.41	2.17 Yes	0.28	Thermal Discharging
VMR061	321	'268292049_/268292047'		1.4	4.2	10	0.416	1.5	5.93	3.25 Yes	0.416	Thermal Discharging
VMR061	322	'590437881_/595557965_1'		1.4	4.3	10	0.416	2.4	5.81	3.25 Yes	0.416	Thermal Discharging
VMR061	323	'590437840_/595557965_2'		1.4	4.3	10	0.416	2.4	5.81	3.25 Yes	0.416	Thermal Discharging
VMR061	324	'595557670_/595557965_3'		1.4	4.3	10	0.416	2.4	5.8	3.25 Yes	0.416	Thermal Discharging
VMR061	325	'595558626_/595557995_1'		1.4	4.3	10	0.416	1.5	5.8	3.25 Yes	0.416	Thermal Discharging
VMR061	326	'595558872_/595557995_2'		1.4	4.3	10	0.416	1.5	5.79	3.25 Yes	0.416	Thermal Discharging
VMR061	327	'590437751_/590437686'		1.4	4.3	10	0.416	2.4	5.79	3.25 Yes	0.416	Thermal Discharging
VMR061	328	'595557998_/595557995_3'		1.4	4.3	10	0.416	1.5	5.79	3.25 Yes	0.416	Thermal Discharging
VMR061	329	'3272024_/43287794'		0.43	1.43	3.33	0.136	0.3	2.17	1.08 Yes	0.136	Thermal Discharging
VMR061	330	'590437866_/590437734_1'		1.4	4.3	10	0.416	1.5	5.78	3.25 Yes	0.416	Thermal Discharging
VMR061	331	'595558886_/595558812_2'		1.4	4.3	10	0.416	1.5	5.78	3.25 Yes	0.416	Thermal Discharging
VMR061	332	'575996046_/575996043'		0.47	1.43	3.33	0.136	0.5	2.01	1.08 Yes	0.136	Thermal Discharging
VMR061	333	'590437737_/590437734_2'		1.4	4.3	10	0.416	1.5	5.77	3.25 Yes	0.416	Thermal Discharging
VMR061	334	'590437935_/590437796_1'		1.4	4.3	10	0.416	1.5	5.77	3.25 Yes	0.416	Thermal Discharging
VMR061	335	'590437971_/590437796_2'		1.4	4.3	10	0.416	1.5	5.77	3.25 Yes	0.416	Thermal Discharging
VMR061	336	'590438006_/590437796_3'		1.4	4.3	10	0.416	1.5	5.76	3.25 Yes	0.416	Thermal Discharging
VMR061	337	'590437799_/590437796_4'		1.4	4.3	10	0.416	1.5	5.76	3.25 Yes	0.416	Thermal Discharging
VMR061	338	'590437950_/590437796_5'		1.4	4.3	10	0.416	1.5	5.76	3.25 Yes	0.416	Thermal Discharging
VMR061	339	'590438023_/590437812_2'		1.4	4.3	10	0.416	1.5	5.75	3.25 Yes	0.416	Thermal Discharging
VMR061	340	'590437815_/590437812_3'		1.4	4.3	10	0.416	1.5	5.74	3.25 Yes	0.416	Thermal Discharging
VMR061	341	'595558808_/595558812_3'		1.4	4.2	10	0.416	1.5	5.75	3.25 Yes	0.416	Thermal Discharging
VMR061	342	'7883666_/8515979'		0.47	1.4	3.33	0.136	0.8	2.11	1.08 Yes	0.136	Thermal Discharging
VMR061	343	'3267870_/43287461'		0.43	1.37	3.33	0.136	0.5	1.98	1.08 Yes	0.136	Thermal Discharging
VMR061	344	'268292070_/268292067'		1.3	4.1	10	0.416	1.5	5.83	3.25 Yes	0.416	Thermal Discharging
VMR061	345	'73998532_/73998535'		0.47	1.4	3.33	0.136	0.8	2.1	1.08 Yes	0.136	Thermal Discharging
VMR061	346	'590437905_/3267776_1'		0.47	1.4	3.33	0.136	0.5	1.9	1.08 Yes	0.136	Thermal Discharging
VMR061	347	'268292366_/268292124_2'		1.3	4.1	10	0.416	1.5	5.81	3.25 Yes	0.416	Thermal Discharging
VMR061	348	'677568466_/677568482'		0.43	1.37	3.33	0.136	0.5	2.04	1.08 Yes	0.136	Thermal Discharging
VMR061	349	'470105374_/106261146_1'		0.4	1.37	3.33	0.136	0.5	2.02	1.08 Yes	0.136	Thermal Discharging
VMR061	350	'53550501_/53550478'		0.47	1.37	3.33	0.136	0.8	2.05	1.08 Yes	0.136	Thermal Discharging
VMR061	351	'3268537_/3268547'		0.43	1.33	3.33	0.136	0.5	1.89	1.08 Yes	0.136	Thermal Discharging
VMR061	352	'677568498_/677568506'		0.43	1.33	3.33	0.136	0.5	1.99	1.08 Yes	0.136	Thermal Discharging
VMR061	353	'43288572_/43288574'		0.4	1.33	3.33	0.136	0.3	2.06	1.08 Yes	0.136	Thermal Discharging
VMR061	354	'639650048_/639650045'		0.43	1.33	3.33	0.136	0.5	1.99	1.08 Yes	0.136	Thermal Discharging
VMR061	355	'7883665_/7883663'		0.43	1.3	3.33	0.136	0.8	2	1.08 Yes	0.136	Thermal Discharging
VMR061	356	'268292105_/268292124_1'		1.3	3.9	10	0.416	0.9	5.56	3.25 Yes	0.416	Thermal Discharging
VMR061	357	'3268019_/43287494'		0.4	1.3	3.33	0.136	0.5	1.89	1.08 Yes	0.136	Thermal Discharging
VMR061	358	'73998610_/73998617'		0.43	1.3	3.33	0.136	0.8	1.97	1.08 Yes	0.136	Thermal Discharging
VMR061	359	'3267779_/3267776_2'		0.4	1.27	3.33	0.136	0.5	1.78	1.08 Yes	0.136	Thermal Discharging
VMR061	360	'8834325_/8834323'		0.4	1.23	3.33	0.136	0.8	1.91	1.08 Yes	0.136	Thermal Discharging
VMR061	361	'3277687_/3277685'		0.37	1.23	3.33	0.136	0.3	1.93	1.08 Yes	0.136	Thermal Discharging
VMR061	362	'8834414_/8834411'		0.4	1.23	3.33	0.136	0.5	1.88	1.08 Yes	0.136	Thermal Discharging
VMR061	363	'677568521_/677568537'		0.4	1.23	3.33	0.136	0.5	1.86	1.08 Yes	0.136	Thermal Discharging
VMR061	364	'73998669_/73998676'		0.4	1.23	3.33	0.136	0.8	1.87	1.08 Yes	0.136	Thermal Discharging
VMR061	365	'3268398_/3268408'		0.4	1.2	3.33	0.136	0.9	1.83	1.08 Yes	0.136	Thermal Discharging
VMR061	366	'68692073_/68692275_3'		1.2	3.5	10	0.416	1.1	5.07	3.25 Yes	0.416	Thermal Discharging
VMR061	367	'68692173_/68692077'		1.2	3.5	10	0.416	1.1	5.06	3.25 Yes	0.416	Thermal Discharging
VMR061	368	'3268524_/3268534'		0.37	1.17	3.33	0.136	0.5	1.72	1.08 Yes	0.136	Thermal Discharging
VMR061	369	'53550583_/53550625'		0.37	1.13	3.33	0.136	0.8	1.77	1.08 Yes	0.136	Thermal Discharging
VMR061	370	'43287781_/3277734'		0.37	1.13	3.33	0.136	0.3	1.8	1.08 Yes	0.136	Thermal Discharging
VMR061	371	'3267792_/3267789'		0.37	1.13	3.33	0.136	0.5	1.64	1.08 Yes	0.136	Thermal Discharging
VMR061	372	'73998717_/73998724'		0.37	1.13	3.33	0.136	0.8	1.75	1.08 Yes	0.136	Thermal Discharging
VMR061	373	'677568563_/677568579'		0.37	1.1	3.33	0.136	0.5	1.71	1.08 Yes	0.136	Thermal Discharging
VMR061	374	'3268828_/43287783'		0.33	1.1	3.33	0.136	0.3	1.75	1.08 Yes	0.136	Thermal Discharging
VMR061	375	'3268385_/3268395'		0.37	1.07	3.33	0.136	0.9	1.67	1.08 Yes	0.136	Thermal Discharging
VMR061	376	'73998569_/73998736'		0.37	1.07	3.33	0.136	0.8	1.68	1.08 Yes	0.136	Thermal Discharging
VMR061	377	'73998748_/53550590'		0.37	1.07	3.33	0.136	0.8	1.67	1.08 Yes	0.136	Thermal Discharging
VMR061	378	'3268829_/3268826'		0.33	1.07	3.33	0.136	0.3	1.69	1.08 Yes	0.136	Thermal Discharging
VMR061	379	'3268511_/3268521'		0.33	1.03	3.33	0.136	0.5	1.57	1.08 Yes	0.136	Thermal Discharging
VMR061	380	'53550509_/7571126'		0.33	1.07	3.33	0.136	0.8	1.65	1.08 Yes	0.136	Thermal Discharging
VMR061	381	'8833206_/9150229_1'	</									

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
VMR061	384	'3267805_/_3267802'		0.33	1.03	3.33	0.136	0.5	1.52	1.08 Yes	0.136 Thermal Discharging
VMR061	385	'8831476_/_8831474_1'		0.33	1	3.33	0.136	0.3	1.51	1.08 Yes	0.136 Thermal Discharging
VMR061	386	'43289815_/_3277747'		0.3	1.03	3.33	0.136	0.3	1.62	1.08 Yes	0.136 Thermal Discharging
VMR061	387	'677568637_/_677568645'		0.33	1	3.33	0.136	0.5	1.56	1.08 Yes	0.136 Thermal Discharging
VMR061	388	'73998790_/_73998853'		0.33	1	3.33	0.136	0.8	1.57	1.08 Yes	0.136 Thermal Discharging
VMR061	389	'3268369_/_3268382'		0.33	0.97	3.33	0.136	0.9	1.54	1.08 Yes	0.136 Thermal Discharging
VMR061	390	'73998965_/_73998787'		0.33	0.97	3.33	0.136	0.8	1.55	1.08 Yes	0.136 Thermal Discharging
VMR061	391	'8831477_/_8831474_2'		0.3	0.97	3.33	0.136	0.3	1.46	1.08 Yes	0.136 Thermal Discharging
VMR061	392	'73999117_/_73999124'		0.33	0.97	3.33	0.136	0.8	1.54	1.08 Yes	0.136 Thermal Discharging
VMR061	393	'3277750_/_43289817'		0.3	0.97	3.33	0.136	0.3	1.55	1.08 Yes	0.136 Thermal Discharging
VMR061	394	'73999005_/_73999136'		0.33	0.97	3.33	0.136	0.8	1.53	1.08 Yes	0.136 Thermal Discharging
VMR061	395	'3268495_/_3268508'		0.3	0.93	3.33	0.136	0.5	1.43	1.08 Yes	0.136 Thermal Discharging
VMR061	396	'73999079_/_73999008'		0.3	0.93	3.33	0.136	0.8	1.48	1.08 Yes	0.136 Thermal Discharging
VMR061	397	'3267817_/_3268068'		0.3	0.93	3.33	0.136	0.5	1.4	1.08 Yes	0.136 Thermal Discharging
VMR061	398	'65609258_/_73999159_1'		0.3	0.9	3.33	0.136	0.8	1.46	1.08 Yes	0.136 Thermal Discharging
VMR061	399	'53550552_/_53550559'		0.3	0.93	3.33	0.136	0.8	1.46	1.08 Yes	0.136 Thermal Discharging
VMR061	400	'73999047_/_73999050'		0.3	0.9	3.33	0.136	0.8	1.44	1.08 Yes	0.136 Thermal Discharging
VMR061	401	'43287626_/_43287628'		0.3	0.87	3.33	0.136	0.9	1.41	1.08 Yes	0.136 Thermal Discharging
VMR061	402	'73999152_/_73999171'		0.3	0.9	3.33	0.136	0.8	1.41	1.08 Yes	0.136 Thermal Discharging
VMR061	403	'43287637_/_43287639'		0.27	0.87	3.33	0.136	0.5	1.35	1.08 Yes	0.136 Thermal Discharging
VMR061	404	'43287411_/_3267815'		0.27	0.83	3.33	0.136	0.5	1.31	1.08 Yes	0.136 Thermal Discharging
VMR061	405	'3268494_/_3268492'		0.27	0.8	3.33	0.136	0.5	1.28	1.08 Yes	0.136 Thermal Discharging
VMR061	406	'3267831_/_43287413'		0.27	0.8	3.33	0.136	0.5	1.26	1.08 Yes	0.136 Thermal Discharging
VMR061	407	'3268368_/_3268366'		0.27	0.8	3.33	0.136	0.9	1.3	1.08 Yes	0.136 Thermal Discharging
VMR061	408	'43287422_/_3267841'		0.23	0.73	3.33	0.136	0.5	1.18	1.08 Yes	0.136 Thermal Discharging
VMR061	409	'3267885_/_43287424'		0.23	0.7	3.33	0.136	0.5	1.1	1.08 Yes	0.136 Thermal Discharging
VMR061	410	'3267886_/_3267883'		0.2	0.63	3.33	0.136	0.5	1.04	1.08 Yes	0.136 Thermal Discharging
VMR061	411	'43287470_/_3268081'		0.2	0.6	3.33	0.136	0.5	0.99	1.08 Yes	0.136 Thermal Discharging
VMR061	412	'3267899_/_3267896'		0.2	0.57	3.33	0.136	0.5	0.94	1.08 Yes	0.136 Thermal Discharging
VMR061	413	'3267912_/_3267909'		0.17	0.57	3.33	0.136	0.5	0.9	1.08 Yes	0.136 Thermal Discharging
VMR061	414	'3271995_/_3271992'		0.17	0.53	3.33	0.136	0.5	0.89	1.08 Yes	0.136 Thermal Discharging
VMR061	415	'43287481_/_3267922'		0.17	0.53	3.33	0.136	0.5	0.86	1.08 Yes	0.136 Thermal Discharging
VMR061	416	'3267938_/_43287483'		0.17	0.5	3.33	0.136	0.5	0.81	1.08 Yes	0.136 Thermal Discharging
VMR061	417	'3267951_/_3267948'		0.13	0.47	3.33	0.136	0.5	0.77	1.08 Yes	0.13 Primary Over-Voltage
VMR061	418	'3267964_/_3267961'		0.13	0.43	3.33	0.136	0.5	0.74	1.08 Yes	0.13 Primary Over-Voltage
VMR061	419	'3267977_/_3267974'		0.13	0.43	3.33	0.136	0.5	0.7	1.08 Yes	0.13 Primary Over-Voltage
VMR061	420	'3222733_/_7074167'		0.13	0.4	3.33	0.136	0.5	0.67	1.08 Yes	0.13 Primary Over-Voltage
VMR061	421	'3222734_/_3222731'		0.13	0.4	3.33	0.136	0.5	0.65	1.08 Yes	0.13 Primary Over-Voltage
VMR061	422	'3222747_/_3222744'		0.13	0.37	3.33	0.136	0.5	0.64	1.08 Yes	0.13 Primary Over-Voltage
VMR061	423	'3222564_/_3222773'		0.1	0.37	3.33	0.136	0.5	0.62	1.08 Yes	0.1 Primary Over-Voltage
VMR061	424	'3222565_/_3222562'		0.1	0.37	3.33	0.136	0.5	0.6	1.08 Yes	0.1 Primary Over-Voltage
VMR061	425	'3222578_/_3222575'		0.1	0.33	3.33	0.136	0.5	0.58	1.08 Yes	0.1 Primary Over-Voltage
VMR061	426	'3222591_/_3222588'		0.1	0.33	3.33	0.136	0.5	0.56	1.08 Yes	0.1 Primary Over-Voltage
VMR061	427	'3222604_/_3222601'		0.1	0.33	3.33	0.136	0.5	0.54	1.08 Yes	0.1 Primary Over-Voltage
VMR061	428	'43280431_/_3222679'		0.1	0.3	3.33	0.136	0.5	0.53	1.08 Yes	0.1 Primary Over-Voltage
VMR061	429	'3222616_/_3222692'		0.1	0.3	3.33	0.136	0.5	0.51	1.08 Yes	0.1 Primary Over-Voltage
VMR061	430	'3222617_/_3222614'		0.1	0.3	3.33	0.136	0.5	0.5	1.08 Yes	0.1 Primary Over-Voltage
VMR061	431	'3222630_/_3222627'		0.1	0.27	3.33	0.136	0.5	0.48	1.08 Yes	0.1 Primary Over-Voltage
VMR061	432	'3222643_/_3222640'		0.07	0.27	3.33	0.136	0.5	0.47	1.08 Yes	0.07 Primary Over-Voltage
VMR061	433	'3222656_/_3222653'		0.07	0.27	3.33	0.136	0.5	0.45	1.08 Yes	0.07 Primary Over-Voltage
VMR061	434	'43281412_/_3231403'		0.07	0.27	3.33	0.136	0.5	0.44	1.08 Yes	0.07 Primary Over-Voltage
VMR061	435	'3222431_/_3231390'		0.07	0.23	3.33	0.136	0.5	0.43	1.08 Yes	0.07 Primary Over-Voltage
VMR061	436	'3222432_/_3222429'		0.07	0.23	3.33	0.136	0.5	0.42	1.08 Yes	0.07 Primary Over-Voltage
VMR061	437	'3222445_/_3222442'		0.07	0.23	3.33	0.136	0.5	0.41	1.08 Yes	0.07 Primary Over-Voltage
VMR061	438	'3222470_/_3222455'		0.07	0.23	3.33	0.136	0.5	0.4	1.08 Yes	0.07 Primary Over-Voltage
VMR061	439	'3222471_/_3222468'		0.07	0.23	3.33	0.136	0.5	0.39	1.08 Yes	0.07 Primary Over-Voltage
VMR061	440	'3222707_/_3222718'		0.07	0.2	3.33	0.136	0.5	0.38	1.08 Yes	0.07 Primary Over-Voltage
VMR061	441	'3222419_/_3222705'		0.07	0.2	3.33	0.136	0.5	0.37	1.08 Yes	0.07 Primary Over-Voltage
VMR061	442	'3222484_/_3222481'		0.07	0.2	3.33	0.136	0.5	0.37	1.08 Yes	0.07 Primary Over-Voltage
VMR061	443	'3222418_/_3222416'		0.07	0.2	3.33	0.136	0.5	0.37	1.08 Yes	0.07 Primary Over-Voltage
VMR061	444	'3222497_/_3222494'		0.07	0.2	3.33	0.136	0.5	0.36	1.08 Yes	0.07 Primary Over-Voltage
VMR061	445	'3222510_/_3222507'		0.07	0.2	3.33	0.136	0.5	0.36	1.08 Yes	0.07 Primary Over-Voltage
VMR061	446	'3222805_/_3222815'		0.07	0.2	3.33	0.136	0.5	0.36	1.08 Yes	0.07 Primary Over-Voltage
VMR061	447	'3222523_/_3222520'		0.07	0.2	3.33	0.136	0.5	0.36	1.08 Yes	0.07 Primary Over-Voltage
VMR061	448	'3222831_/_3222828'		0.07	0.2	3.33	0.136	0.5	0.36	1.08 Yes	0.07 Primary Over-Voltage
VMR061	449	'7565234_/_7565232_1'		0.07	0.2	3.33	0.136	0.3	0.36	1.08 Yes	0.07 Primary Over-Voltage
VMR061	450	'3222536_/_3222533'		0.07	0.2	3.33	0.136	0.5	0.35	1.08 Yes	0.07 Primary Over-Voltage
VMR061	451	'406952471_/_391577653_1'		0.07	0.2	3.33	0.136	0.3	0.35	1.08 Yes	0.07 Primary Over-Voltage
VMR061	452	'7565235_/_7565232_2'		0.07	0.2	3.33	0.136	0.3	0.35	1.08 Yes	0.07 Primary Over-Voltage
VMR061	453	'55337015_/_3222549'		0.07	0.2	3.33	0.136	0.5	0.35	1.08 Yes	0.07 Primary Over-Voltage
VMR061	454	'3222552_/_55337017'		0.07	0.2	3.33	0.136	0.5	0.35	1.08 Yes	0.07 Primary Over-Voltage
VMR061	455	'51371888_/_55337094_1'		0.07	0.2	3.33	0.136	0.3	0.35	1.08 Yes	0.07 Primary Over-Voltage
VMR061	456	'3222406_/_3222802'		0.07	0.2	3.33	0.136	0.5	0.35	1.08 Yes	0.07 Primary Over-Voltage
VMR061	457	'55337087_/_55337094_2'		0.07	0.2	3.33	0.136	0.3	0.34	1.08 Yes	0.07 Primary Over-Voltage
VMR061	458	'3222393_/_3222403'		0.07	0.2	3.33	0.136	0.5	0.34	1.08 Yes	0.07 Primary Over-Voltage
VMR061	459	'391577634_/_391577653_2'		0.07	0.2	3.33	0.136	0.3	0.34	1.08 Yes	0.07 Primary Over-Voltage
VMR061	460	'3222380_/_3222390'		0.07	0.2	3.33	0.136	0.5	0.33	1.08 Yes	0.07 Primary Over-Voltage
VMR061	461	'3222379_/_3222377'		0.07	0.2	3.33	0.136	0.5	0.33	1.08 Yes	0.07 Primary Over-Voltage
VMR061	462	'43280409_/_3222789'		0.03	0.17	3.33	0.136	0.5	0.31	1.08 Yes	0.03 Primary Over-Voltage
VMR061	463	'3222314_/_43280411'		0.03	0.17	3.33	0.136	0.5	0.3	1.08 Yes	0.03 Primary Over-Voltage
VMR061	464	'3222315_/_3222312'		0.03	0.17	3.33	0.136	0.5	0.29	1.08 Yes	0.03 Primary Over-Voltage
VMR061	465	'3222328_/_3222325'		0.03	0.17	3.33	0.136	0.5	0.29	1.08 Yes	0.03 Primary Over-Voltage
VMR061	466	'3222341_/_3222338'		0.03	0.17	3.33	0.136	0.5	0.28	1.08 Yes	0.03 Primary Over-Voltage
VMR061	467	'3222354_/_3222351'		0.03	0.17	3.33	0.136	0.5	0.28	1.08 Yes	0.03 Primary Over-Voltage
VMR061	468	'43280420_/_3222364'		0.03	0.17	3.33	0.136	0.5	0.27	1.08 Yes	0.03 Primary Over-Voltage
VMR061	469	'3222367_/_43280422'		0.03	0.13	3.33	0.136	0.5	0.27	1.08 Yes	0.03 Primary Over-Voltage
VMR062	0	'VMR062_/_132913736_1'		3.5	10	10	1.152	10	10	3.13 No	1.152 Thermal Discharging
VMR062	1	'132914281_/_132913736_1'		3.4	10	10	1.152	10	10	3.13 No	1.152 Thermal Discharging
VMR062	2	'132913719_/_132913736_2'		3.4	10	10	1.152	10	10	3.13 No	1.152 Thermal Discharging
VMR062	3	'132913940_/_132913937'		3.4	10	10	1.152	10	10	3.13 No	1.152 Thermal Discharging
VMR062	4	'132913990_/_132914006'		3.4	10	10	1.152	10	10	3.13 No	1.152 Thermal Discharging
VMR062	5	'132913959_/_132913956'		3.4	10	10	1.152	10	10	3.13 No	1.152 Thermal Discharging
VMR062	6	'132913881_/_132913878'		3.4	10	10	1.152	10	10	3.13 No	1.152 Thermal Discharging
VMR062	7	'132914175_/_132914157'		3.4	10	10	1.152	10	10	3.13 No	1.152 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
VMR062	8	'132914188_/132914185'	3.3	10	10	1.152	10	10	3.13 No	1.152	Thermal Discharging
VMR062	9	'132914222_/132914204'	3.3	10	10	1.152	10	10	3.13 No	1.152	Thermal Discharging
VMR062	10	'132914235_/132914232'	3.3	10	10	1.152	10	10	3.13 No	1.152	Thermal Discharging
VMR062	11	'132914269_/132914251'	3.3	10	10	1.152	10	10	3.13 No	1.152	Thermal Discharging
VMR062	12	'155000430_/155000420'	3.3	10	10	1.152	10	10	3.13 No	1.152	Thermal Discharging
VMR062	13	'211595936_/155000446_2'	3.3	10	10	1.152	10	10	3.13 No	1.152	Thermal Discharging
VMR062	14	'155002706_/155000446_1'	3.2	10	10	1.152	10	10	3.13 No	1.152	Thermal Discharging
VMR062	15	'155047677_/155054816'	3.2	10	10	1.152	10	10	3.13 No	1.152	Thermal Discharging
VMR062	16	'155268064_/155047683_1'	3.2	10	10	1.152	10	10	3.13 No	1.152	Thermal Discharging
VMR062	17	'155023149_/155047683_2'	3.2	10	10	1.152	10	10	3.13 No	1.152	Thermal Discharging
VMR062	18	'155054859_/155054856'	3.2	10	10	1.152	10	10	3.13 No	1.152	Thermal Discharging
VMR062	19	'155054878_/155054875'	3.2	10	10	1.152	10	10	3.13 No	1.152	Thermal Discharging
VMR062	20	'155054897_/155054894'	3.1	10	10	1.152	10	10	3.13 No	1.152	Thermal Discharging
VMR062	21	'155054916_/155054913'	3.1	10	10	1.152	10	10	3.13 No	1.152	Thermal Discharging
VMR062	22	'155057133_/155057130'	3.1	10	10	1.152	10	10	3.13 No	1.152	Thermal Discharging
VMR062	23	'155057152_/155057149'	3.1	10	10	1.152	10	10	3.13 No	1.152	Thermal Discharging
VMR062	24	'155057171_/155057168'	3.1	10	10	1.152	10	10	3.13 No	1.152	Thermal Discharging
VMR062	25	'155057190_/155057187'	3	10	10	1.152	10	10	3.13 No	1.152	Thermal Discharging
VMR062	26	'155057209_/155057206'	3	10	10	1.152	10	10	3.13 No	1.152	Thermal Discharging
VMR062	27	'155057228_/155057225'	3	10	10	1.152	10	10	3.13 No	1.152	Thermal Discharging
VMR062	28	'155057247_/155057244'	3	10	10	1.152	10	10	3.13 No	1.152	Thermal Discharging
VMR062	29	'155057266_/155057263'	3	10	10	1.152	10	10	3.13 No	1.152	Thermal Discharging
VMR062	30	'155057285_/155057282'	2.9	10	10	1.152	10	10	3.13 No	1.152	Thermal Discharging
VMR062	31	'155057304_/155057301'	2.9	10	10	1.152	10	10	3.13 No	1.152	Thermal Discharging
VMR062	32	'155057323_/155057320'	2.9	10	10	1.152	10	10	3.13 No	1.152	Thermal Discharging
VMR062	33	'155057342_/155057339'	2.9	10	10	1.152	10	10	3.13 No	1.152	Thermal Discharging
VMR062	34	'155057361_/155057358'	2.9	10	10	1.152	10	10	3.13 No	1.152	Thermal Discharging
VMR062	35	'155057380_/155057377'	2.8	10	10	1.152	10	10	3.13 No	1.152	Thermal Discharging
VMR062	36	'155057399_/155057396'	2.8	10	10	1.152	10	10	3.13 No	1.152	Thermal Discharging
VMR062	37	'155057418_/155057415'	2.8	10	10	1.152	10	10	3.13 No	1.152	Thermal Discharging
VMR062	38	'155057437_/155057434'	2.8	10	10	1.152	10	10	3.13 No	1.152	Thermal Discharging
VMR062	39	'155057456_/155057453'	2.8	10	10	1.152	10	10	3.13 No	1.152	Thermal Discharging
VMR062	40	'155057475_/155057472'	2.8	10	10	1.152	10	10	3.13 No	1.152	Thermal Discharging
VMR062	41	'155057494_/155057491'	2.7	10	10	1.152	10	10	3.13 No	1.152	Thermal Discharging
VMR062	42	'155057513_/155057510'	2.7	10	10	1.152	10	10	3.13 No	1.152	Thermal Discharging
VMR062	43	'155057532_/155057529'	2.7	10	10	1.152	10	10	3.13 No	1.152	Thermal Discharging
VMR062	44	'155057551_/155057548'	2.7	10	10	1.152	10	10	3.13 No	1.152	Thermal Discharging
VMR062	45	'155057570_/155057567'	2.7	10	10	1.152	10	10	3.13 No	1.152	Thermal Discharging
VMR062	46	'155057589_/155057586'	2.7	10	10	1.152	10	10	3.13 No	1.152	Thermal Discharging
VMR062	47	'89753735_/155057611'	2.7	10	10	1.152	10	10	3.13 No	1.152	Thermal Discharging
VMR062	48	'70507809_/150205710'	2.7	10	10	1.152	10	10	3.13 No	1.152	Thermal Discharging
VMR062	49	'70507774_/70507806'	2.6	10	10	1.152	10	10	3.13 No	1.152	Thermal Discharging
VMR062	50	'70507739_/70507771'	2.6	10	10	1.152	10	10	3.13 No	1.152	Thermal Discharging
VMR062	51	'316771073_/89753618_2'	1.8	6.67	6.67	0.768	2.9	6.67	2.09 No	0.768	Thermal Discharging
VMR062	52	'316771097_/89753804_2'	1.8	6.67	6.67	0.768	3	6.67	2.09 No	0.768	Thermal Discharging
VMR062	53	'70507704_/70507736'	2.6	10	10	1.152	10	10	3.13 No	1.152	Thermal Discharging
VMR062	54	'70507669_/70507701'	2.6	10	10	1.152	10	10	3.13 No	1.152	Thermal Discharging
VMR062	55	'70507634_/70507666'	2.6	10	10	1.152	10	10	3.13 No	1.152	Thermal Discharging
VMR062	56	'70507599_/70507631'	2.6	10	10	1.152	10	10	3.13 No	1.152	Thermal Discharging
VMR062	57	'70507564_/70507596'	2.6	10	10	1.152	10	10	3.13 No	1.152	Thermal Discharging
VMR062	58	'70507529_/70507561'	2.6	10	10	1.152	10	10	3.13 No	1.152	Thermal Discharging
VMR062	59	'64963897_/70507526'	2.6	10	10	1.152	10	10	3.13 No	1.152	Thermal Discharging
VMR062	60	'64963862_/64963894'	2.6	10	10	1.152	10	10	3.13 No	1.152	Thermal Discharging
VMR062	61	'64963827_/64963859'	2.6	10	10	1.152	10	10	3.13 No	1.152	Thermal Discharging
VMR062	62	'64963782_/64963824'	2.6	10	10	1.152	10	10	3.13 No	1.152	Thermal Discharging
VMR062	63	'64963732_/64963779'	2.6	10	10	1.152	10	10	3.13 No	1.152	Thermal Discharging
VMR062	64	'52120805_/64963729'	2.5	10	10	1.152	10	10	3.13 No	1.152	Thermal Discharging
VMR062	65	'3291269_/3292596'	2.5	10	10	1.152	10	10	3.13 No	1.152	Thermal Discharging
VMR062	66	'91613112_/52120838_2'	0.83	3.33	3.33	0.384	1.8	3.33	1.04 No	0.384	Thermal Discharging
VMR062	67	'52121084_/52121027_2'	0.83	3.33	3.33	0.384	1.8	3.33	1.04 No	0.384	Thermal Discharging
VMR062	68	'66897099_/51405390'	2.5	10	10	1.152	10	10	3.13 No	1.152	Thermal Discharging
VMR062	69	'66897134_/51405365'	2.5	10	10	1.152	10	10	3.13 No	1.152	Thermal Discharging
VMR062	70	'52121114_/52120988_2'	0.83	3.33	3.33	0.384	1.8	3.33	1.04 No	0.384	Thermal Discharging
VMR062	71	'51405458_/66897131'	2.5	10	10	1.152	10	10	3.13 No	1.152	Thermal Discharging
VMR062	72	'52937288_/52936703_2'	0.83	3.33	3.33	0.384	1.9	3.33	1.04 No	0.384	Thermal Discharging
VMR062	73	'66897245_/66897226_2'	0.83	3.33	3.33	0.384	1.6	3.33	1.04 No	0.384	Thermal Discharging
VMR062	74	'66897212_/66897195_1'	0.83	3.33	3.33	0.384	0.9	3.33	1.04 No	0.384	Thermal Discharging
VMR062	75	'51405462_/51405344'	2.5	10	10	1.152	10	10	3.13 No	1.152	Thermal Discharging
VMR062	76	'52120776_/52120838_1'	0.87	3.33	3.33	0.384	0.8	3.33	1.04 No	0.384	Thermal Discharging
VMR062	77	'51405466_/51405323'	2.5	10	10	1.152	10	10	3.13 No	1.152	Thermal Discharging
VMR062	78	'66897222_/66897226_1'	0.83	3.33	3.33	0.384	0.9	3.33	1.04 No	0.384	Thermal Discharging
VMR062	79	'51405470_/51405302'	2.5	10	10	1.152	10	10	3.13 No	1.152	Thermal Discharging
VMR062	80	'51405474_/51405273'	2.5	10	10	1.152	10	10	3.13 No	1.152	Thermal Discharging
VMR062	81	'51405478_/51405252'	2.5	10	10	1.152	10	10	3.13 No	1.152	Thermal Discharging
VMR062	82	'52936639_/52936703_1'	0.83	3.33	3.33	0.384	0.9	3.33	1.04 No	0.384	Thermal Discharging
VMR062	83	'51405482_/51405223'	2.6	10	10	1.152	10	10	3.13 No	1.152	Thermal Discharging
VMR062	84	'51405486_/51405194'	2.6	10	10	1.152	10	10	3.13 No	1.152	Thermal Discharging
VMR062	85	'51405490_/51405171'	2.6	10	10	1.152	10	10	3.13 No	1.152	Thermal Discharging
VMR062	86	'51405494_/51405142'	2.6	10	10	1.152	10	10	3.13 No	1.152	Thermal Discharging
VMR062	87	'51405498_/51405088'	2.6	10	10	1.152	10	10	3.13 No	1.152	Thermal Discharging
VMR062	88	'51405502_/51405117'	2.6	10	10	1.152	10	10	3.13 No	1.152	Thermal Discharging
VMR062	89	'66897255_/66897195_2'	0.87	3.33	3.33	0.384	0.9	3.33	1.04 No	0.384	Thermal Discharging
VMR062	90	'3282450_/51404728'	2.6	10	10	1.152	10	10	3.13 No	1.152	Thermal Discharging
VMR062	91	'50625538_/50625568'	0.87	3.33	3.33	0.384	0.8	3.33	1.04 No	0.384	Thermal Discharging
VMR062	92	'51625961_/51625986'	2.6	10	10	1.152	10	10	3.13 No	1.152	Thermal Discharging
VMR062	93	'155620943_/7570140_2'	0.87	3.33	3.33	0.384	1.7	3.33	1.04 No	0.384	Thermal Discharging
VMR062	94	'51625955_/51625958'	2.6	10	10	1.152	10	10	3.13 No	1.152	Thermal Discharging
VMR062	95	'52850619_/50625545'	0.87	3.33	3.33	0.384	0.8	3.33	1.04 No	0.384	Thermal Discharging
VMR062	96	'51625930_/51625932'	2.6	10	10	1.152	10	10	3.13 No	1.152	Thermal Discharging
VMR062	97	'52850579_/52850650'	0.87	3.33	3.33	0.384	0.8	3.33	1.04 No	0.384	Thermal Discharging
VMR062	98	'89753609_/89753618_1'	1.67	6.67	6.67	0.768	1.1	6.67	2.09 No	0.768	Thermal Discharging
VMR062	99	'52850562_/52850688'	0.87	3.33	3.33	0.384	0.8	3.33	1.04 No	0.384	Thermal Discharging
VMR062	100	'51625899_/51625902'	2.6	10	10	1.152	10	10	3.13 No	1.152	Thermal Discharging
VMR062	101	'52936608_/52936646'	0.87	3.33	3.33	0.384	0.9	3.33	1.04 No	0.384	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
VMR062	102	'51625873_/51625876'		2.6	10	10	1.152	10	10	3.13 No	1.152 Thermal Discharging
VMR062	103	'89753793_/89753804_1'		1.67	6.67	6.67	0.768	1.2	6.67	2.09 No	0.768 Thermal Discharging
VMR062	104	'247534431_/247534368_1'		0.87	3.33	3.33	0.384	0.5	3.33	1.04 No	0.384 Thermal Discharging
VMR062	105	'147095360_/51625850'		2.6	10	10	1.152	10	10	3.13 No	1.152 Thermal Discharging
VMR062	106	'147095587_/147095492_3'		2.6	10	10	1.152	10	10	3.13 No	1.152 Thermal Discharging
VMR062	107	'7570142_/7570140_1'		0.87	3.33	3.33	0.384	0.5	3.33	1.04 No	0.384 Thermal Discharging
VMR062	108	'147095540_/147095492_2'		2.6	10	10	1.152	10	10	3.13 No	1.152 Thermal Discharging
VMR062	109	'51625817_/147095492_1'		2.6	10	10	1.152	10	10	3.13 No	1.152 Thermal Discharging
VMR062	110	'51625792_/51625794'		2.6	10	10	1.152	10	10	3.13 No	1.152 Thermal Discharging
VMR062	111	'51625761_/51625764'		2.6	10	10	1.152	10	10	3.13 No	1.152 Thermal Discharging
VMR062	112	'51625735_/51625738'		2.6	10	10	1.152	10	10	3.13 No	1.152 Thermal Discharging
VMR062	113	'50625507_/52850567'		0.87	3.33	3.33	0.384	0.8	3.33	1.04 No	0.384 Thermal Discharging
VMR062	114	'51625709_/51625712'		2.6	10	10	1.152	10	10	3.13 No	1.152 Thermal Discharging
VMR062	115	'51625683_/51625686'		2.6	10	10	1.152	10	10	3.13 No	1.152 Thermal Discharging
VMR062	116	'51625657_/51625660'		2.6	10	10	1.152	10	10	3.13 No	1.152 Thermal Discharging
VMR062	117	'51625632_/51625634'		2.6	10	10	1.152	10	10	3.13 No	1.152 Thermal Discharging
VMR062	118	'211547095_/51625604'		2.6	10	10	1.152	10	10	3.13 No	1.152 Thermal Discharging
VMR062	119	'51625575_/51625578'		2.6	10	10	1.152	10	10	3.13 No	1.152 Thermal Discharging
VMR062	120	'52936577_/52936615'		0.87	3.33	3.33	0.384	0.9	3.33	1.04 No	0.384 Thermal Discharging
VMR062	121	'75825732_/77027387'		0.7	3.33	3.33	0.384	0.55	3.33	1.04 No	0.384 Thermal Discharging
VMR062	122	'51625549_/51625552'		2.6	10	10	1.152	10	10	3.13 No	1.152 Thermal Discharging
VMR062	123	'247534349_/247534368_2'		0.87	3.33	3.33	0.384	0.5	3.33	1.04 No	0.384 Thermal Discharging
VMR062	124	'51625523_/51625526'		2.6	10	10	1.152	10	10	3.13 No	1.152 Thermal Discharging
VMR062	125	'51625498_/51625500'		2.6	10	10	1.152	10	10	3.13 No	1.152 Thermal Discharging
VMR062	126	'51625468_/51625470'		2.6	10	10	1.152	10	10	3.13 No	1.152 Thermal Discharging
VMR062	127	'50625470_/50625514'		0.87	3.33	3.33	0.384	0.8	3.33	1.04 No	0.384 Thermal Discharging
VMR062	128	'51625437_/51625440'		2.6	10	10	1.152	10	10	3.13 No	1.152 Thermal Discharging
VMR062	129	'51625412_/51625414'		2.6	10	10	1.152	10	10	3.13 No	1.152 Thermal Discharging
VMR062	130	'51625381_/51625384'		2.6	10	10	1.152	10	10	3.13 No	1.152 Thermal Discharging
VMR062	131	'51625355_/51625358'		2.6	10	10	1.152	10	10	3.13 No	1.152 Thermal Discharging
VMR062	132	'51625330_/51625332'		2.6	10	10	1.152	10	10	3.13 No	1.152 Thermal Discharging
VMR062	133	'51625299_/51625302'		2.6	10	10	1.152	10	10	3.13 No	1.152 Thermal Discharging
VMR062	134	'75825751_/75825767'		0.63	3.33	3.33	0.384	0.55	3.33	1.04 No	0.384 Thermal Discharging
VMR062	135	'51626033_/51625276'		2.6	10	10	1.152	10	10	3.13 No	1.152 Thermal Discharging
VMR062	136	'52936546_/52936584'		0.77	3.33	3.33	0.384	0.9	3.33	1.04 No	0.384 Thermal Discharging
VMR062	137	'52254967_/51625080'		2.6	10	10	1.152	10	10	3.13 No	1.152 Thermal Discharging
VMR062	138	'52120609_/58136695'		0.87	3.33	3.33	0.384	0.8	3.33	1.04 No	0.384 Thermal Discharging
VMR062	139	'3287301_/52254965'		2.6	10	10	1.152	10	10	3.13 No	1.152 Thermal Discharging
VMR062	140	'52120717_/52121027_1'		0.77	3.33	3.33	0.384	0.8	3.33	1.04 No	0.384 Thermal Discharging
VMR062	141	'67236389_/67236341'		2.6	10	10	1.152	10	10	3.13 No	1.152 Thermal Discharging
VMR062	142	'67236336_/67236383'		2.6	10	10	1.152	10	10	3.13 No	1.152 Thermal Discharging
VMR062	143	'51184649_/43290818_2'		0.87	3.33	3.33	0.384	1.1	3.33	1.04 No	0.384 Thermal Discharging
VMR062	144	'3287302_/52254900'		2.6	10	10	1.152	10	10	3.13 No	1.152 Thermal Discharging
VMR062	145	'52120638_/52120666'		0.87	3.33	3.33	0.384	0.8	3.33	1.04 No	0.384 Thermal Discharging
VMR062	146	'67237184_/67237009_1'		0.87	3.33	3.33	0.384	0.5	3.33	1.04 No	0.384 Thermal Discharging
VMR062	147	'3287317_/52254875'		2.6	10	10	1.152	10	10	3.13 No	1.152 Thermal Discharging
VMR062	148	'449204374_/67236964_1'		2.6	10	10	1.152	2.4	10	3.13 No	1.152 Thermal Discharging
VMR062	149	'3287332_/52254833'		2.6	10	10	1.152	10	10	3.13 No	1.152 Thermal Discharging
VMR062	150	'52120747_/52120988_1'		0.87	3.33	3.33	0.384	0.8	3.33	1.04 No	0.384 Thermal Discharging
VMR062	151	'92600896_/52254812'		2.6	10	10	1.152	10	10	3.13 No	1.152 Thermal Discharging
VMR062	152	'460535755_/52254766'		2.6	10	10	1.152	10	10	3.13 No	1.152 Thermal Discharging
VMR062	153	'3267226_/3267238'		2.6	10	10	1.152	4.7	10	3.13 No	1.152 Thermal Discharging
VMR062	154	'460535860_/460535831_1'		2.6	10	10	1.152	1.5	10	3.13 No	1.152 Thermal Discharging
VMR062	155	'43287182_/460535759'		2.6	10	10	1.152	10	10	3.13 No	1.152 Thermal Discharging
VMR062	156	'379880227_/370459991_1'		2.6	10	10	1.152	1.5	10	3.13 No	1.152 Thermal Discharging
VMR062	157	'588082073_/3267223_2'		1.73	6.67	6.67	0.768	3.13	6.67	2.09 No	0.768 Thermal Discharging
VMR062	158	'40975615_/9076467'		0.7	3.33	3.33	0.384	0.8	3.33	1.04 No	0.384 Thermal Discharging
VMR062	159	'3267271_/52254741_1'		2.7	10	10	1.152	10	10	3.13 No	1.152 Thermal Discharging
VMR062	160	'43287194_/52254741_2'		2.7	10	10	1.152	10	10	3.13 No	1.152 Thermal Discharging
VMR062	161	'43290827_/52254718'		2.7	10	10	1.152	10	10	3.13 No	1.152 Thermal Discharging
VMR062	162	'64074979_/64074990'		0.6	3.33	3.33	0.384	0.6	3.33	1.04 No	0.384 Thermal Discharging
VMR062	163	'52254989_/52254655'		2.7	10	10	1.152	10	10	3.13 No	1.152 Thermal Discharging
VMR062	164	'43290816_/43290818_1'		0.87	3.33	3.33	0.384	0.5	3.33	1.04 No	0.384 Thermal Discharging
VMR062	165	'460535812_/460535831_2'		2.6	10	10	1.152	1.5	10	3.13 No	1.152 Thermal Discharging
VMR062	166	'211569719_/52254592'		2.7	10	10	1.152	10	10	3.13 No	1.152 Thermal Discharging
VMR062	167	'211493952_/7881891_2'		2.7	10	10	1.152	4.3	10	3.13 No	1.152 Thermal Discharging
VMR062	168	'75825786_/75825802'		0.57	3.33	3.33	0.384	0.55	3.33	1.04 No	0.384 Thermal Discharging
VMR062	169	'7883778_/8116400'		0.87	3.33	3.33	0.384	0.8	3.33	1.04 No	0.384 Thermal Discharging
VMR062	170	'3267211_/3267223_1'		1.73	6.67	6.67	0.768	1.6	6.67	2.09 No	0.768 Thermal Discharging
VMR062	171	'34588926_/8756594'		0.67	3.33	3.33	0.384	0.8	3.33	1.04 No	0.384 Thermal Discharging
VMR062	172	'67236959_/67236964_2'		2.4	10	10	1.152	2.4	10	3.13 No	1.152 Thermal Discharging
VMR062	173	'7469939_/7469937'		0.87	3.33	3.33	0.384	0.8	3.33	1.04 No	0.384 Thermal Discharging
VMR062	174	'3287375_/3287385'		0.87	3.33	3.33	0.384	0.5	3.33	1.04 No	0.384 Thermal Discharging
VMR062	175	'66897304_/66897314'		0.67	3.33	3.33	0.384	0.9	3.33	1.04 No	0.384 Thermal Discharging
VMR062	176	'71547302_/67237153'		0.8	3.33	3.33	0.384	0.8	3.33	1.04 No	0.384 Thermal Discharging
VMR062	177	'75825880_/75825896'		0.5	3.33	3.33	0.384	0.55	3.33	1.04 No	0.384 Thermal Discharging
VMR062	178	'3267196_/3267208'		1.67	6.67	6.67	0.768	1.6	6.67	2.09 No	0.768 Thermal Discharging
VMR062	179	'7881893_/7881891_1'		2.5	10	10	1.152	1.5	10	3.13 No	1.152 Thermal Discharging
VMR062	180	'115629281_/115629292'		0.77	3.33	3.33	0.384	0.8	3.33	1.04 No	0.384 Thermal Discharging
VMR062	181	'71547399_/67237009_2'		0.77	3.33	3.33	0.384	0.5	3.33	1.04 No	0.384 Thermal Discharging
VMR062	182	'66897333_/66897337'		0.7	3.33	3.33	0.384	0.9	3.33	1.04 No	0.384 Thermal Discharging
VMR062	183	'52936515_/52936553'		0.6	3.33	3.33	0.384	0.9	3.33	1.04 No	0.384 Thermal Discharging
VMR062	184	'7218515_/9463536'		0.87	3.33	3.33	0.384	0.8	3.33	1.04 No	0.384 Thermal Discharging
VMR062	185	'89753849_/89753858'		0.8	3.33	3.33	0.384	0.6	3.33	1.04 No	0.384 Thermal Discharging
VMR062	186	'40675444_/44082048'		0.6	3.33	3.33	0.384	0.8	3.33	1.04 No	0.384 Thermal Discharging
VMR062	187	'66897354_/66897358'		0.63	3.33	3.33	0.384	0.9	3.33	1.04 No	0.384 Thermal Discharging
VMR062	188	'370459948_/370459991_2'		2.2	10	10	1.152	1.5	10	3.13 No	1.152 Thermal Discharging
VMR062	189	'43287171_/3287372'		0.77	3.33	3.33	0.384	0.5	3.33	1.04 No	0.384 Thermal Discharging
VMR062	190	'3267181_/3267193'		1.47	6.67	6.67	0.768	1.6	6.67	2.09 No	0.768 Thermal Discharging
VMR062	191	'71547327_/67236979'		1.53	6.67	6.67	0.768	1.6	6.67	2.09 No	0.768 Thermal Discharging
VMR062	192	'89753699_/89753708'		0.73	3.33	3.33	0.384	0.55	3.33	1.04 No	0.384 Thermal Discharging
VMR062	193	'115629315_/115629326'		0.7	3.33	3.33	0.384	0.8	3.33	1.04 No	0.384 Thermal Discharging
VMR062	194	'7883809_/9463520'		0.83	3.33	3.33	0.384	0.8	3.33	1.04 No	0.384 Thermal Discharging
VMR062	195	'75825916_/75825932'		0.47	3.1	3.33	0.384	0.55	3.33	1.04 No	0.384 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
VMR062	196	'52936475_/_52936522'		0.57	3.33	3.33	0.384	0.9	3.33	1.04 No	0.384 Thermal Discharging
VMR062	197	'64075044_/_64075055'		0.5	2.97	3.33	0.384	0.6	3.33	1.04 No	0.384 Thermal Discharging
VMR062	198	'466029093_/_466029151'		0.67	3.33	3.33	0.384	0.5	3.33	1.04 No	0.384 Thermal Discharging
VMR062	199	'66897391_/_66897398'		0.63	3.33	3.33	0.384	0.9	3.33	1.04 No	0.384 Thermal Discharging
VMR062	200	'67236747_/_71547361'		0.77	3.33	3.33	0.384	0.8	3.33	1.04 No	0.384 Thermal Discharging
VMR062	201	'115629350_/_115629361'		0.67	3.33	3.33	0.384	0.8	3.33	1.04 No	0.384 Thermal Discharging
VMR062	202	'43287147_/_3267178'		1.4	6.67	6.67	0.768	1.6	6.67	2.09 No	0.768 Thermal Discharging
VMR062	203	'7883794_/_7883807'		0.8	3.33	3.33	0.384	0.8	3.33	1.04 No	0.384 Thermal Discharging
VMR062	204	'40980839_/_44102720'		0.57	3.33	3.33	0.384	0.8	3.33	1.04 No	0.384 Thermal Discharging
VMR062	205	'115629378_/_115629387'		0.63	3.33	3.33	0.384	0.8	3.33	1.04 No	0.384 Thermal Discharging
VMR062	206	'3267286_/_3267296'		0.67	3.33	3.33	0.384	0.5	3.33	1.04 No	0.384 Thermal Discharging
VMR062	207	'7218514_/_7218512'		0.77	3.33	3.33	0.384	0.8	3.33	1.04 No	0.384 Thermal Discharging
VMR062	208	'466029054_/_466029112'		0.63	3.33	3.33	0.384	0.5	3.33	1.04 No	0.384 Thermal Discharging
VMR062	209	'466028970_/_466028989'		0.63	3.33	3.33	0.384	0.8	3.33	1.04 No	0.384 Thermal Discharging
VMR062	210	'44096890_/_52936482'		0.53	3.03	3.33	0.384	0.9	3.33	1.04 No	0.384 Thermal Discharging
VMR062	211	'3267255_/_3267253'		1.27	6.67	6.67	0.768	1.6	6.67	2.09 No	0.768 Thermal Discharging
VMR062	212	'66897371_/_66897375'		0.57	3.07	3.33	0.384	0.9	3.33	1.04 No	0.384 Thermal Discharging
VMR062	213	'466029009_/_466029073'		0.6	3.33	3.33	0.384	0.5	3.33	1.04 No	0.384 Thermal Discharging
VMR062	214	'67236880_/_67236891'		0.63	3.33	3.33	0.384	0.8	3.33	1.04 No	0.384 Thermal Discharging
VMR062	215	'39703138_/_44096887'		0.5	2.83	3.33	0.384	0.9	3.33	1.04 No	0.384 Thermal Discharging
VMR062	216	'64074423_/_64074434'		0.67	2.53	3.33	0.384	0.55	3.33	1.04 No	0.384 Thermal Discharging
VMR062	217	'75825952_/_75825968'		0.43	2.5	3.33	0.384	0.55	3.33	1.04 No	0.384 Thermal Discharging
VMR062	218	'8756597_/_44105872'		0.53	2.77	3.33	0.384	0.8	3.33	1.04 No	0.384 Thermal Discharging
VMR062	219	'588082006_/_588082010'		1.27	6.67	6.67	0.768	1.6	6.67	2.09 No	0.768 Thermal Discharging
VMR062	220	'67236716_/_67236758'		0.7	3.33	3.33	0.384	0.8	3.33	1.04 No	0.384 Thermal Discharging
VMR062	221	'145743501_/_145743503'		1.2	6.67	6.67	0.768	1.6	6.67	2.09 No	0.768 Thermal Discharging
VMR062	222	'660956620_/_660956553_1'		0.63	3.33	3.33	0.384	0.5	3.33	1.04 No	0.384 Thermal Discharging
VMR062	223	'660956419_/_660956385_1'		0.6	3.33	3.33	0.384	0.5	3.33	1.04 No	0.384 Thermal Discharging
VMR062	224	'71647823_/_71647834'		0.43	2.4	3.33	0.384	0.6	3.33	1.04 No	0.384 Thermal Discharging
VMR062	225	'43287206_/_3267283'		0.6	3.33	3.33	0.384	0.5	3.33	1.04 No	0.384 Thermal Discharging
VMR062	226	'66897414_/_66897421'		0.6	2.63	3.33	0.384	0.9	3.33	1.04 No	0.384 Thermal Discharging
VMR062	227	'466029453_/_466029028_1'		0.57	3.33	3.33	0.384	0.5	3.33	1.04 No	0.384 Thermal Discharging
VMR062	228	'40679803_/_44103628'		0.5	2.53	3.33	0.384	0.9	3.33	1.04 No	0.384 Thermal Discharging
VMR062	229	'145743465_/_3271954'		1.2	6.67	6.67	0.768	1.6	6.67	2.09 No	0.768 Thermal Discharging
VMR062	230	'660956484_/_3267149_2'		0.57	3.33	3.33	0.384	0.8	3.33	1.04 No	0.384 Thermal Discharging
VMR062	231	'43287217_/_43287219'		0.57	3.33	3.33	0.384	0.5	3.33	1.04 No	0.384 Thermal Discharging
VMR062	232	'64074785_/_64074852'		0.63	2.27	3.33	0.384	0.6	3.33	1.04 No	0.384 Thermal Discharging
VMR062	233	'8205367_/_8205365'		0.67	2.43	3.33	0.384	0.8	3.33	1.04 No	0.384 Thermal Discharging
VMR062	234	'36454195_/_9401380'		0.5	2.4	3.33	0.384	0.8	3.33	1.04 No	0.384 Thermal Discharging
VMR062	235	'3280014_/_145743605'		1.13	6.67	6.67	0.768	1.6	6.67	2.09 No	0.768 Thermal Discharging
VMR062	236	'7218498_/_8834775'		0.67	2.37	3.33	0.384	0.8	3.33	1.04 No	0.384 Thermal Discharging
VMR062	237	'3267139_/_3267149_1'		0.57	3.33	3.33	0.384	0.5	3.33	1.04 No	0.384 Thermal Discharging
VMR062	238	'67205445_/_67205452'		0.53	2.33	3.33	0.384	0.9	3.33	1.04 No	0.384 Thermal Discharging
VMR062	239	'66897437_/_66897444'		0.57	2.27	3.33	0.384	0.9	3.33	1.04 No	0.384 Thermal Discharging
VMR062	240	'34631519_/_44086368'		0.47	2.2	3.33	0.384	0.8	3.33	1.04 No	0.384 Thermal Discharging
VMR062	241	'3280063_/_3280060'		1.07	6.67	6.67	0.768	1.6	6.67	2.09 No	0.768 Thermal Discharging
VMR062	242	'7880776_/_8513859_2'		1.07	6.67	6.67	0.768	1.6	6.67	2.09 No	0.768 Thermal Discharging
VMR062	243	'67236910_/_67236921'		0.53	3.33	3.33	0.384	0.8	3.33	1.04 No	0.384 Thermal Discharging
VMR062	244	'52937111_/_52937113'		0.43	2.17	3.33	0.384	0.9	3.33	1.04 No	0.384 Thermal Discharging
VMR062	245	'3267138_/_3267136'		0.53	3.33	3.33	0.384	0.5	3.33	1.04 No	0.384 Thermal Discharging
VMR062	246	'64074885_/_64074896'		0.57	2	3.33	0.384	0.6	3.33	1.04 No	0.384 Thermal Discharging
VMR062	247	'52937232_/_52937239'		0.43	2.1	3.33	0.384	0.9	3.33	1.04 No	0.384 Thermal Discharging
VMR062	248	'8834794_/_9150553'		0.6	2.1	3.33	0.384	0.8	3.33	1.04 No	0.384 Thermal Discharging
VMR062	249	'247700895_/_247700900'		0.37	2	3.33	0.384	0.55	3.33	1.04 No	0.37 Primary Over-Voltage
VMR062	250	'7218499_/_7218496'		0.6	2.1	3.33	0.384	0.8	3.33	1.04 No	0.384 Thermal Discharging
VMR062	251	'71647852_/_71647863'		0.37	1.97	3.33	0.384	0.6	3.33	1.04 No	0.37 Primary Over-Voltage
VMR062	252	'52937200_/_52937258'		0.43	2.07	3.33	0.384	0.9	3.33	1.04 No	0.384 Thermal Discharging
VMR062	253	'3280047_/_3280090'		1	6.67	6.67	0.768	1.6	6.67	2.09 No	0.768 Thermal Discharging
VMR062	254	'428403421_/_247700952'		0.37	1.97	3.33	0.384	0.55	3.33	1.04 No	0.37 Primary Over-Voltage
VMR062	255	'428403456_/_428403493'		0.33	1.97	3.33	0.384	0.55	3.33	1.04 No	0.33 Primary Over-Voltage
VMR062	256	'410497588_/_410497541_1'		0.5	3.33	3.33	0.384	0.5	3.33	1.04 No	0.384 Thermal Discharging
VMR062	257	'3287872_/_3287885'		0.5	3.33	3.33	0.384	0.5	3.33	1.04 No	0.384 Thermal Discharging
VMR062	258	'67236938_/_67236943'		0.5	3.33	3.33	0.384	0.8	3.33	1.04 No	0.384 Thermal Discharging
VMR062	259	'428403386_/_428403475'		0.33	1.93	3.33	0.384	0.55	3.33	1.04 No	0.33 Primary Over-Voltage
VMR062	260	'40984757_/_44083048'		0.43	2	3.33	0.384	0.8	3.33	1.04 No	0.384 Thermal Discharging
VMR062	261	'8513862_/_8513859_1'		1	6.67	6.67	0.768	0.4	6.67	2.09 No	0.4 Element Fault
VMR062	262	'40363497_/_44097522'		0.6	2	3.33	0.384	0.8	3.33	1.04 No	0.384 Thermal Discharging
VMR062	263	'67205468_/_67205475'		0.47	1.97	3.33	0.384	0.9	3.33	1.04 No	0.384 Thermal Discharging
VMR062	264	'3280035_/_3280032'		0.47	3.33	3.33	0.384	0.5	3.33	1.04 No	0.384 Thermal Discharging
VMR062	265	'66897460_/_66897467'		0.5	1.93	3.33	0.384	0.9	3.33	1.04 No	0.384 Thermal Discharging
VMR062	266	'40373988_/_44106703'		0.43	1.93	3.33	0.384	0.8	3.33	1.04 No	0.384 Thermal Discharging
VMR062	267	'3280048_/_3280045'		0.93	6.67	6.67	0.768	1.6	6.67	2.09 No	0.768 Thermal Discharging
VMR062	268	'346951891_/_346951910'		0.5	2.6	3.33	0.384	0.8	3.33	1.04 No	0.384 Thermal Discharging
VMR062	269	'67236685_/_67236727'		0.57	2.6	3.33	0.384	0.8	3.33	1.04 No	0.384 Thermal Discharging
VMR062	270	'75826523_/_71647892'		0.33	1.83	3.33	0.384	0.6	3.33	1.04 No	0.33 Primary Over-Voltage
VMR062	271	'3267168_/_3287869'		0.47	3.33	3.33	0.384	0.5	3.33	1.04 No	0.384 Thermal Discharging
VMR062	272	'64074499_/_64074510'		0.5	1.83	3.33	0.384	0.55	3.33	1.04 No	0.384 Thermal Discharging
VMR062	273	'34632254_/_44083335'		0.4	1.9	3.33	0.384	0.9	3.33	1.04 No	0.384 Thermal Discharging
VMR062	274	'8834793_/_8834791'		0.53	1.87	3.33	0.384	0.8	3.33	1.04 No	0.384 Thermal Discharging
VMR062	275	'36301253_/_44084162'		0.57	1.87	3.33	0.384	0.8	3.33	1.04 No	0.384 Thermal Discharging
VMR062	276	'67236654_/_67236696'		0.53	2.4	3.33	0.384	0.8	3.33	1.04 No	0.384 Thermal Discharging
VMR062	277	'3287858_/_43287138'		0.47	3.33	3.33	0.384	0.5	3.33	1.04 No	0.384 Thermal Discharging
VMR062	278	'75825487_/_64074914'		0.53	1.77	3.33	0.384	0.6	3.33	1.04 No	0.384 Thermal Discharging
VMR062	279	'75826484_/_75826520'		0.33	1.77	3.33	0.384	0.6	3.33	1.04 No	0.33 Primary Over-Voltage
VMR062	280	'43287125_/_43287127'		0.43	3.33	3.33	0.384	0.5	3.33	1.04 No	0.384 Thermal Discharging
VMR062	281	'211597869_/_7880365_2'		0.43	3.33	3.33	0.384	0.5	3.33	1.04 No	0.384 Thermal Discharging
VMR062	282	'346951930_/_346951949'		0.47	2.23	3.33	0.384	0.8	3.33	1.04 No	0.384 Thermal Discharging
VMR062	283	'36454843_/_44086557'		0.4	1.77	3.33	0.384	0.9	3.33	1.04 No	0.384 Thermal Discharging
VMR062	284	'75825448_/_75825484'		0.5	1.7	3.33	0.384	0.6	3.33	1.04 No	0.384 Thermal Discharging
VMR062	285	'660956539_/_660956553_2'		0.43	2.37	3.33	0.384	0.5	3.33	1.04 No	0.384 Thermal Discharging
VMR062	286	'7880367_/_7880365_1'		0.43	2.63	3.33	0.384	0.1	3.32	1.04 No	0.1 Element Fault
VMR062	287	'67205494_/_67205498'		0.43	1.73	3.33	0.384	0.9	3.33	1.04 No	0.384 Thermal Discharging
VMR062	288	'64074528_/_64074539'		0.47	1.67	3.33	0.384	0.55	3.33	1.04 No	0.384 Thermal Discharging
VMR062	289	'410497522_/_410497541_2'		0.47	2.37	3.33	0.384	0.5	3.32	1.04 No	0.384 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
VMR062	290	'75826438_/75826495'	0.3	1.67	3.33	0.384	0.6	3.33	1.04 No	0.3	Primary Over-Voltage
VMR062	291	'346951969_/346951979'	0.43	2.07	3.33	0.384	0.8	3.33	1.04 No	0.384	Thermal Discharging
VMR062	292	'36301237_/9059769'	0.5	1.7	3.33	0.384	0.8	3.33	1.04 No	0.384	Thermal Discharging
VMR062	293	'40985249_/44106809'	0.37	1.7	3.33	0.384	0.9	3.33	1.04 No	0.37	Primary Over-Voltage
VMR062	294	'660956371_/660956385_2'	0.4	2.2	3.33	0.384	0.5	3.29	1.04 No	0.384	Thermal Discharging
VMR062	295	'66897483_/66897490'	0.47	1.67	3.33	0.384	0.9	3.33	1.04 No	0.384	Thermal Discharging
VMR062	296	'7883826_/9058535'	0.5	1.67	3.33	0.384	0.8	3.33	1.04 No	0.384	Thermal Discharging
VMR062	297	'75825412_/75825464'	0.47	1.57	3.33	0.384	0.6	3.33	1.04 No	0.384	Thermal Discharging
VMR062	298	'40363511_/44097534'	0.5	1.6	3.33	0.384	0.8	3.32	1.04 No	0.384	Thermal Discharging
VMR062	299	'660956430_/660956446'	0.4	2.03	3.33	0.384	0.5	3.21	1.04 No	0.384	Thermal Discharging
VMR062	300	'660956575_/660956589'	0.4	2	3.33	0.384	0.5	3.2	1.04 No	0.384	Thermal Discharging
VMR062	301	'247700933_/428403390'	0.3	1.57	3.33	0.384	0.55	3.33	1.04 No	0.3	Primary Over-Voltage
VMR062	302	'7883825_/7883823'	0.47	1.6	3.33	0.384	0.8	3.29	1.04 No	0.384	Thermal Discharging
VMR062	303	'40374724_/44100245'	0.37	1.6	3.33	0.384	0.9	3.28	1.04 No	0.37	Primary Over-Voltage
VMR062	304	'40374004_/44100088'	0.37	1.57	3.33	0.384	0.8	3.29	1.04 No	0.37	Primary Over-Voltage
VMR062	305	'66897503_/66897507'	0.47	1.57	3.33	0.384	0.9	3.27	1.04 No	0.384	Thermal Discharging
VMR062	306	'64074557_/64074568'	0.43	1.53	3.33	0.384	0.55	3.29	1.04 No	0.384	Thermal Discharging
VMR062	307	'89673028_/67205716'	0.43	1.53	3.33	0.384	0.9	3.22	1.04 No	0.384	Thermal Discharging
VMR062	308	'67236623_/67236665'	0.47	1.77	3.33	0.384	0.8	3.33	1.04 No	0.384	Thermal Discharging
VMR062	309	'75825371_/75825428'	0.43	1.5	3.33	0.384	0.6	3.25	1.04 No	0.384	Thermal Discharging
VMR062	310	'67205514_/67205521'	0.4	1.5	3.33	0.384	0.9	3.18	1.04 No	0.384	Thermal Discharging
VMR062	311	'38167983_/44100102'	0.33	1.5	3.33	0.384	0.8	3.19	1.04 No	0.33	Primary Over-Voltage
VMR062	312	'7792841_/8834759'	0.47	1.5	3.33	0.384	0.8	3.18	1.04 No	0.384	Thermal Discharging
VMR062	313	'39703124_/44096869'	0.33	1.5	3.33	0.384	0.9	3.15	1.04 No	0.33	Primary Over-Voltage
VMR062	314	'374653731_/374653750'	0.37	1.7	3.33	0.384	0.8	3.07	1.04 No	0.37	Primary Over-Voltage
VMR062	315	'410497617_/410497636'	0.4	1.8	3.33	0.384	0.5	3.05	1.04 No	0.384	Thermal Discharging
VMR062	316	'38110145_/7792839'	0.43	1.47	3.33	0.384	0.8	3.14	1.04 No	0.384	Thermal Discharging
VMR062	317	'75826402_/75826449'	0.27	1.43	3.33	0.384	0.6	3.17	1.04 No	0.27	Primary Over-Voltage
VMR062	318	'7482372_/8437882_1'	0.4	1.3	3.33	0.384	0.8	3.13	1.04 No	0.384	Thermal Discharging
VMR062	319	'34632212_/44089773'	0.33	1.43	3.33	0.384	0.8	3.09	1.04 No	0.33	Primary Over-Voltage
VMR062	320	'664896277_/664896293'	0.37	1.67	3.33	0.384	0.5	2.98	1.04 No	0.37	Primary Over-Voltage
VMR062	321	'89673078_/89673089'	0.43	1.4	3.33	0.384	0.9	3.06	1.04 No	0.384	Thermal Discharging
VMR062	322	'67205537_/67205544'	0.4	1.4	3.33	0.384	0.9	3.06	1.04 No	0.384	Thermal Discharging
VMR062	323	'410497656_/410497675'	0.37	1.67	3.33	0.384	0.5	2.97	1.04 No	0.37	Primary Over-Voltage
VMR062	324	'38884215_/44093471'	0.33	1.43	3.33	0.384	0.9	3.06	1.04 No	0.33	Primary Over-Voltage
VMR062	325	'38851762_/44090699'	0.43	1.43	3.33	0.384	0.8	3.06	1.04 No	0.384	Thermal Discharging
VMR062	326	'346952118_/346952122'	0.43	1.57	3.33	0.384	0.8	2.96	1.04 No	0.384	Thermal Discharging
VMR062	327	'40679817_/44083287'	0.33	1.37	3.33	0.384	0.8	3.01	1.04 No	0.33	Primary Over-Voltage
VMR062	328	'75826354_/75826413'	0.27	1.33	3.33	0.384	0.6	3.02	1.04 No	0.27	Primary Over-Voltage
VMR062	329	'664896319_/664896333'	0.33	1.6	3.33	0.384	0.5	2.9	1.04 No	0.33	Primary Over-Voltage
VMR062	330	'75825340_/75825392'	0.4	1.33	3.33	0.384	0.6	3.01	1.04 No	0.384	Thermal Discharging
VMR062	331	'346952155_/346952174'	0.4	1.5	3.33	0.384	0.8	2.91	1.04 No	0.384	Thermal Discharging
VMR062	332	'64074586_/64074597'	0.4	1.33	3.33	0.384	0.55	3	1.04 No	0.384	Thermal Discharging
VMR062	333	'8454100_/44103640'	0.33	1.33	3.33	0.384	0.8	2.97	1.04 No	0.33	Primary Over-Voltage
VMR062	334	'347053877_/89673123'	0.4	1.3	3.33	0.384	0.9	2.93	1.04 No	0.384	Thermal Discharging
VMR062	335	'247700971_/247701005'	0.23	1.3	3.33	0.384	0.55	2.96	1.04 No	0.23	Primary Over-Voltage
VMR062	336	'36454829_/52936439'	0.3	1.33	3.33	0.384	0.8	2.93	1.04 No	0.3	Primary Over-Voltage
VMR062	337	'40974151_/44104327'	0.4	1.33	3.33	0.384	0.8	2.92	1.04 No	0.384	Thermal Discharging
VMR062	338	'410497730_/410497749'	0.33	1.53	3.33	0.384	0.5	2.84	1.04 No	0.33	Primary Over-Voltage
VMR062	339	'374653770_/374653789'	0.33	1.47	3.33	0.384	0.8	2.86	1.04 No	0.33	Primary Over-Voltage
VMR062	340	'67205560_/67205567'	0.37	1.3	3.33	0.384	0.9	2.91	1.04 No	0.37	Primary Over-Voltage
VMR062	341	'75826308_/75826370'	0.23	1.3	3.33	0.384	0.6	2.94	1.04 No	0.23	Primary Over-Voltage
VMR062	342	'75825304_/75825351'	0.37	1.27	3.33	0.384	0.6	2.93	1.04 No	0.37	Primary Over-Voltage
VMR062	343	'347053980_/347053999'	0.4	1.27	3.33	0.384	0.9	2.87	1.04 No	0.384	Thermal Discharging
VMR062	344	'39703110_/44086507'	0.3	1.27	3.33	0.384	0.8	2.87	1.04 No	0.3	Primary Over-Voltage
VMR062	345	'38168711_/44089943'	0.3	1.27	3.33	0.384	0.9	2.84	1.04 No	0.3	Primary Over-Voltage
VMR062	346	'397850480_/410497790'	0.33	1.43	3.33	0.384	0.5	2.76	1.04 No	0.33	Primary Over-Voltage
VMR062	347	'64074615_/64074626'	0.37	1.23	3.33	0.384	0.55	2.86	1.04 No	0.37	Primary Over-Voltage
VMR062	348	'75826024_/75826004'	0.23	1.23	3.33	0.384	0.55	2.86	1.04 No	0.23	Primary Over-Voltage
VMR062	349	'347053914_/347054017'	0.4	1.23	3.33	0.384	0.9	2.82	1.04 No	0.384	Thermal Discharging
VMR062	350	'346952194_/346952213'	0.37	1.37	3.33	0.384	0.8	2.74	1.04 No	0.37	Primary Over-Voltage
VMR062	351	'67205583_/67205590'	0.33	1.23	3.33	0.384	0.9	2.79	1.04 No	0.33	Primary Over-Voltage
VMR062	352	'89673112_/347053918'	0.4	1.23	3.33	0.384	0.9	2.79	1.04 No	0.384	Thermal Discharging
VMR062	353	'374653840_/374653850'	0.3	1.33	3.33	0.384	0.8	2.72	1.04 No	0.3	Primary Over-Voltage
VMR062	354	'75826224_/75826234'	0.23	1.2	3.33	0.384	0.6	2.8	1.04 No	0.23	Primary Over-Voltage
VMR062	355	'75825258_/75825315'	0.37	1.2	3.33	0.384	0.6	2.79	1.04 No	0.37	Primary Over-Voltage
VMR062	356	'397850419_/397850490'	0.3	1.37	3.33	0.384	0.5	2.69	1.04 No	0.3	Primary Over-Voltage
VMR062	357	'64074644_/64074655'	0.33	1.2	3.33	0.384	0.55	2.76	1.04 No	0.33	Primary Over-Voltage
VMR062	358	'40374708_/44096853'	0.27	1.2	3.33	0.384	0.8	2.73	1.04 No	0.27	Primary Over-Voltage
VMR062	359	'437307190_/437307209'	0.3	1.33	3.33	0.384	0.5	2.66	1.04 No	0.3	Primary Over-Voltage
VMR062	360	'435487295_/435487301'	0.3	1.33	3.33	0.384	0.5	2.65	1.04 No	0.3	Primary Over-Voltage
VMR062	361	'89673147_/89673158'	0.37	1.17	3.33	0.384	0.9	2.72	1.04 No	0.37	Primary Over-Voltage
VMR062	362	'67205606_/67205613'	0.33	1.17	3.33	0.384	0.9	2.69	1.04 No	0.33	Primary Over-Voltage
VMR062	363	'346952233_/346952252'	0.37	1.27	3.33	0.384	0.8	2.61	1.04 No	0.37	Primary Over-Voltage
VMR062	364	'418474496_/397850399_1'	0.23	0.9	3.33	0.384	0.5	2.61	1.04 No	0.23	Primary Over-Voltage
VMR062	365	'40985287_/44100231'	0.27	1.17	3.33	0.384	0.8	2.66	1.04 No	0.27	Primary Over-Voltage
VMR062	366	'64074673_/64074684'	0.33	1.13	3.33	0.384	0.55	2.68	1.04 No	0.33	Primary Over-Voltage
VMR062	367	'75825222_/75825274'	0.33	1.13	3.33	0.384	0.6	2.67	1.04 No	0.33	Primary Over-Voltage
VMR062	368	'435487256_/435487330'	0.3	1.27	3.33	0.384	0.5	2.55	1.04 No	0.3	Primary Over-Voltage
VMR062	369	'67205629_/67205636'	0.33	1.1	3.33	0.384	0.9	2.6	1.04 No	0.33	Primary Over-Voltage
VMR062	370	'36454857_/44106821'	0.27	1.1	3.33	0.384	0.8	2.58	1.04 No	0.27	Primary Over-Voltage
VMR062	371	'52121136_/44086575_1'	0.27	1.1	3.33	0.384	0.9	2.58	1.04 No	0.27	Primary Over-Voltage
VMR062	372	'75826060_/75826076'	0.2	1.1	3.33	0.384	0.55	2.59	1.04 No	0.2	Primary Over-Voltage
VMR062	373	'75826188_/75826240'	0.2	1.07	3.33	0.384	0.6	2.58	1.04 No	0.2	Primary Over-Voltage
VMR062	374	'75825186_/75825233'	0.3	1.07	3.33	0.384	0.6	2.56	1.04 No	0.3	Primary Over-Voltage
VMR062	375	'435487184_/435487275'	0.27	1.2	3.33	0.384	0.5	2.48	1.04 No	0.27	Primary Over-Voltage
VMR062	376	'64074702_/64074713'	0.3	1.07	3.33	0.384	0.55	2.55	1.04 No	0.3	Primary Over-Voltage
VMR062	377	'75826096_/75826112'	0.2	1.07	3.33	0.384	0.55	2.55	1.04 No	0.2	Primary Over-Voltage
VMR062	378	'73381270_/73381275'	0.3	1.07	3.33	0.384	0.9	2.52	1.04 No	0.3	Primary Over-Voltage
VMR062	379	'89673182_/89673193'	0.33	1.03	3.33	0.384	0.9	2.49	1.04 No	0.33	Primary Over-Voltage
VMR062	380	'73381380_/73381406'	0.3	1.03	3.33	0.384	0.9	2.48	1.04 No	0.3	Primary Over-Voltage
VMR062	381	'75825145_/75825197'	0.3	1.03	3.33	0.384	0.6	2.5	1.04 No	0.3	Primary Over-Voltage
VMR062	382	'77028299_/75826158_1'	0.2	1.03	3.33	0.384	0.6	2.49	1.04 No	0.2	Primary Over-Voltage
VMR062	383	'75825094_/64074731'	0.3	1.03	3.33	0.384	0.55	2.48	1.04 No	0.3	Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
VMR062	384	'511669333_/511669357'	0.27	1.13	3.33	0.384	0.5	2.4	1.04 No	0.27	Primary Over-Voltage
VMR062	385	'75826142_/75826204'	0.2	1.03	3.33	0.384	0.6	2.47	1.04 No	0.2	Primary Over-Voltage
VMR062	386	'511669317_/511669401'	0.27	1.13	3.33	0.384	0.5	2.38	1.04 No	0.27	Primary Over-Voltage
VMR062	387	'75825113_/75825124'	0.3	1	3.33	0.384	0.55	2.44	1.04 No	0.3	Primary Over-Voltage
VMR062	388	'77028263_/75825156_1'	0.3	1	3.33	0.384	0.6	2.43	1.04 No	0.3	Primary Over-Voltage
VMR062	389	'346952272_/346952307'	0.3	1.07	3.33	0.384	0.8	2.37	1.04 No	0.3	Primary Over-Voltage
VMR062	390	'435487145_/435487203'	0.27	1.1	3.33	0.384	0.5	2.36	1.04 No	0.27	Primary Over-Voltage
VMR062	391	'73381349_/73381391'	0.3	1	3.33	0.384	0.9	2.38	1.04 No	0.3	Primary Over-Voltage
VMR062	392	'89673217_/89673228'	0.3	0.97	3.33	0.384	0.9	2.36	1.04 No	0.3	Primary Over-Voltage
VMR062	393	'89672721_/73381360'	0.3	0.97	3.33	0.384	0.9	2.34	1.04 No	0.3	Primary Over-Voltage
VMR062	394	'67236592_/67236634'	0.3	1.03	3.33	0.384	0.8	2.28	1.04 No	0.3	Primary Over-Voltage
VMR062	395	'89672794_/89672805'	0.3	0.97	3.33	0.384	0.9	2.31	1.04 No	0.3	Primary Over-Voltage
VMR062	396	'112220181_/112220168'	0.3	0.93	3.33	0.384	0.9	2.3	1.04 No	0.3	Primary Over-Voltage
VMR062	397	'435487062_/435487164'	0.23	1	3.33	0.384	0.5	2.21	1.04 No	0.23	Primary Over-Voltage
VMR062	398	'112220207_/112220218'	0.3	0.9	3.33	0.384	0.9	2.24	1.04 No	0.3	Primary Over-Voltage
VMR062	399	'89672828_/89672839'	0.27	0.9	3.33	0.384	0.9	2.22	1.04 No	0.27	Primary Over-Voltage
VMR062	400	'435487083_/435487120'	0.23	0.97	3.33	0.384	0.5	2.17	1.04 No	0.23	Primary Over-Voltage
VMR062	401	'112220290_/112220301'	0.27	0.87	3.33	0.384	0.9	2.16	1.04 No	0.27	Primary Over-Voltage
VMR062	402	'89672863_/89672874'	0.27	0.87	3.33	0.384	0.9	2.16	1.04 No	0.27	Primary Over-Voltage
VMR062	403	'397850380_/397850438'	0.2	0.93	3.33	0.384	0.5	2.1	1.04 No	0.2	Primary Over-Voltage
VMR062	404	'346279151_/346279155'	0.27	0.83	3.33	0.384	0.9	2.1	1.04 No	0.27	Primary Over-Voltage
VMR062	405	'89672898_/89672909'	0.27	0.83	3.33	0.384	0.9	2.08	1.04 No	0.27	Primary Over-Voltage
VMR062	406	'67236561_/67236603'	0.27	0.87	3.33	0.384	0.8	2.05	1.04 No	0.27	Primary Over-Voltage
VMR062	407	'346279071_/346279184'	0.27	0.8	3.33	0.384	0.9	2.05	1.04 No	0.27	Primary Over-Voltage
VMR062	408	'67236530_/67236572'	0.27	0.87	3.33	0.384	0.8	2.02	1.04 No	0.27	Primary Over-Voltage
VMR062	409	'89672925_/89672982'	0.23	0.8	3.33	0.384	0.9	2.03	1.04 No	0.23	Primary Over-Voltage
VMR062	410	'352615194_/352615198'	0.23	0.77	3.33	0.384	0.9	1.99	1.04 No	0.23	Primary Over-Voltage
VMR062	411	'352615155_/352615227'	0.23	0.77	3.33	0.384	0.9	1.97	1.04 No	0.23	Primary Over-Voltage
VMR062	412	'67236499_/67236541'	0.23	0.8	3.33	0.384	0.8	1.94	1.04 No	0.23	Primary Over-Voltage
VMR062	413	'73381319_/89672930'	0.23	0.77	3.33	0.384	0.9	1.92	1.04 No	0.23	Primary Over-Voltage
VMR062	414	'352615040_/352615174'	0.23	0.73	3.33	0.384	0.9	1.89	1.04 No	0.23	Primary Over-Voltage
VMR062	415	'67238216_/67236510_2'	0.23	0.77	3.33	0.384	0.8	1.86	1.04 No	0.23	Primary Over-Voltage
VMR062	416	'73381232_/73381330'	0.23	0.73	3.33	0.384	0.9	1.84	1.04 No	0.23	Primary Over-Voltage
VMR062	417	'352615001_/352615059'	0.23	0.7	3.33	0.384	0.9	1.83	1.04 No	0.23	Primary Over-Voltage
VMR062	418	'67205652_/67205659'	0.2	0.7	3.33	0.384	0.9	1.8	1.04 No	0.2	Primary Over-Voltage
VMR062	419	'67205675_/67205682'	0.2	0.7	3.33	0.384	0.9	1.76	1.04 No	0.2	Primary Over-Voltage
VMR062	420	'352614940_/352615020'	0.2	0.67	3.33	0.384	0.9	1.75	1.04 No	0.2	Primary Over-Voltage
VMR062	421	'429466970_/67205705_1'	0.2	0.47	3.33	0.384	0.9	1.74	1.04 No	0.2	Primary Over-Voltage
VMR062	422	'352614905_/352614981'	0.2	0.63	3.33	0.384	0.9	1.69	1.04 No	0.2	Primary Over-Voltage
VMR062	423	'346279017_/346279090'	0.2	0.63	3.33	0.384	0.9	1.67	1.04 No	0.2	Primary Over-Voltage
VMR062	424	'346278978_/346279036'	0.2	0.63	3.33	0.384	0.9	1.64	1.04 No	0.2	Primary Over-Voltage
VMR062	425	'346278943_/346278997'	0.17	0.6	3.33	0.384	0.9	1.56	1.04 No	0.17	Primary Over-Voltage
VMR062	426	'153905682_/112220336'	0.17	0.57	3.33	0.384	0.9	1.54	1.04 No	0.17	Primary Over-Voltage
VMR062	427	'154582259_/154582277'	0.17	0.57	3.33	0.384	0.9	1.54	1.04 No	0.17	Primary Over-Voltage
VMR062	428	'154582292_/154582323'	0.17	0.57	3.33	0.384	0.9	1.53	1.04 No	0.17	Primary Over-Voltage
VMR062	429	'112220325_/154582297'	0.17	0.57	3.33	0.384	0.9	1.48	1.04 No	0.17	Primary Over-Voltage
VMR062	430	'112220359_/112220392'	0.17	0.53	3.33	0.384	0.9	1.43	1.04 No	0.17	Primary Over-Voltage
VMR062	431	'89673252_/89673263'	0.17	0.5	3.33	0.384	0.9	1.38	1.04 No	0.17	Primary Over-Voltage
VMR062	432	'89673279_/89673320'	0.17	0.5	3.33	0.384	0.9	1.37	1.04 No	0.17	Primary Over-Voltage
VMR062	433	'67205698_/89673284'	0.13	0.5	3.33	0.384	0.9	1.34	1.04 No	0.13	Primary Over-Voltage
VMR063	0	'VMR063_/429802276'	10	10	10	0.968	10	10	5.51 No	0.968	Thermal Discharging
VMR063	1	'429802065_/429802276'	10	10	10	0.968	10	10	5.51 No	0.968	Thermal Discharging
VMR063	2	'429802060_/429801951'	10	10	10	0.968	10	10	5.51 No	0.968	Thermal Discharging
VMR063	3	'429801969_/429801967'	10	10	10	0.968	4.9	10	5.51 No	0.968	Thermal Discharging
VMR063	4	'429801961_/429801959'	10	10	10	0.968	5.1	10	5.51 No	0.968	Thermal Discharging
VMR063	5	'429801945_/429801943'	10	10	10	0.968	10	10	5.51 No	0.968	Thermal Discharging
VMR063	6	'429802357_/429802427'	10	10	10	0.968	5.1	10	5.51 No	0.968	Thermal Discharging
VMR063	7	'429802313_/429802399'	10	10	10	0.968	4.9	10	5.51 No	0.968	Thermal Discharging
VMR063	8	'67014421_/67014470'	6.67	6.67	6.67	0.648	3.27	6.67	3.67 No	0.648	Thermal Discharging
VMR063	9	'67014465_/52554440'	10	10	10	0.968	4.9	10	5.51 No	0.968	Thermal Discharging
VMR063	10	'451038523_/451038547'	10	10	10	0.968	10	10	5.51 No	0.968	Thermal Discharging
VMR063	11	'7254192_/429802361'	10	10	10	0.968	5.1	10	5.51 No	0.968	Thermal Discharging
VMR063	12	'145888908_/67014426'	10	10	10	0.968	4.9	10	5.51 No	0.968	Thermal Discharging
VMR063	13	'429802497_/429802241_2'	10	10	10	0.968	10	10	5.51 No	0.968	Thermal Discharging
VMR063	14	'429802196_/429802241_1'	10	10	10	0.968	10	10	5.51 No	0.968	Thermal Discharging
VMR063	15	'90070216_/429802204'	10	10	10	0.968	10	10	5.51 No	0.968	Thermal Discharging
VMR063	16	'90070248_/90070220'	10	10	10	0.968	10	10	5.51 No	0.968	Thermal Discharging
VMR063	17	'156803133_/91014071_1'	10	10	10	0.968	3.2	10	5.51 No	0.968	Thermal Discharging
VMR063	18	'90070178_/90070181'	10	10	10	0.968	10	10	5.51 No	0.968	Thermal Discharging
VMR063	19	'90070315_/90070251'	10	10	10	0.968	10	10	5.51 No	0.968	Thermal Discharging
VMR063	20	'3275412_/90070284'	10	10	10	0.968	10	10	5.51 No	0.968	Thermal Discharging
VMR063	21	'429802502_/3275460'	10	10	10	0.968	10	10	5.51 No	0.968	Thermal Discharging
VMR063	22	'90305475_/90305481'	10	10	10	0.968	10	10	5.51 No	0.968	Thermal Discharging
VMR063	23	'3275463_/429802510'	10	10	10	0.968	10	10	5.51 No	0.968	Thermal Discharging
VMR063	24	'90070145_/90070148'	10	10	10	0.968	10	10	5.51 No	0.968	Thermal Discharging
VMR063	25	'90305567_/9461098_2'	10	10	10	0.968	5.3	10	5.51 No	0.968	Thermal Discharging
VMR063	26	'90070114_/90070117'	10	10	10	0.968	10	10	5.51 No	0.968	Thermal Discharging
VMR063	27	'3275547_/3275624'	10	10	10	0.968	10	10	5.51 No	0.968	Thermal Discharging
VMR063	28	'74039201_/3275562'	10	10	10	0.968	10	10	5.51 No	0.968	Thermal Discharging
VMR063	29	'77888887_/74039252_1'	10	10	10	0.968	1.5	10	5.51 No	0.968	Thermal Discharging
VMR063	30	'7254193_/7254190'	10	10	10	0.968	5.1	10	5.51 No	0.968	Thermal Discharging
VMR063	31	'90070083_/90070086'	10	10	10	0.968	10	10	5.51 No	0.968	Thermal Discharging
VMR063	32	'90305323_/90305297'	10	10	10	0.968	4.6	10	5.51 No	0.968	Thermal Discharging
VMR063	33	'3274875_/3275751'	10	10	10	0.968	4.6	10	5.51 No	0.968	Thermal Discharging
VMR063	34	'3275360_/74039195'	10	10	10	0.968	10	10	5.51 No	0.968	Thermal Discharging
VMR063	35	'50371044_/3275358_1'	10	10	10	0.968	10	10	5.51 No	0.968	Thermal Discharging
VMR063	36	'37665939_/91014071_2'	10	10	10	0.968	3.2	10	5.51 No	0.968	Thermal Discharging
VMR063	37	'37665904_/37665936'	10	10	10	0.968	3.2	10	5.51 No	0.968	Thermal Discharging
VMR063	38	'37665897_/37665901'	10	10	10	0.968	3.2	10	5.51 No	0.968	Thermal Discharging
VMR063	39	'37665911_/37665908'	10	10	10	0.968	3.2	10	5.51 No	0.968	Thermal Discharging
VMR063	40	'37665925_/37665929'	10	10	10	0.968	3.2	10	5.51 No	0.968	Thermal Discharging
VMR063	41	'107224613_/90070055'	10	10	10	0.968	10	10	5.51 No	0.968	Thermal Discharging
VMR063	42	'74039255_/74039252_2'	10	10	10	0.968	1.5	10	5.51 No	0.968	Thermal Discharging
VMR063	43	'90070052_/103558676'	10	10	10	0.968	10	10	5.51 No	0.968	Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
VMR063	44	'3275582_/3275579'	3.33		3.33	3.33	0.32	1.5	3.33	1.84 No	0.32 Thermal Discharging
VMR063	45	'3275361_/3275358_2'	10		10	10	0.968	10	10	5.51 No	0.968 Thermal Discharging
VMR063	46	'7880636_/8513843_2'	3.33		3.33	3.33	0.32	1.5	3.33	1.84 No	0.32 Thermal Discharging
VMR063	47	'90070021_/90070024'	10		10	10	0.968	10	10	5.51 No	0.968 Thermal Discharging
VMR063	48	'7252259_/9461098_1'	10		10	10	0.968	5.3	10	5.51 No	0.968 Thermal Discharging
VMR063	49	'103558701_/434517320_2'	10		10	10	0.968	4.3	10	5.51 No	0.968 Thermal Discharging
VMR063	50	'7252134_/9146265_2'	3.33		3.33	3.33	0.32	1.4	3.33	1.84 No	0.32 Thermal Discharging
VMR063	51	'90069990_/90069993'	10		10	10	0.968	10	10	5.51 No	0.968 Thermal Discharging
VMR063	52	'90069814_/90069962'	10		10	10	0.968	10	10	5.51 No	0.968 Thermal Discharging
VMR063	53	'420530470_/9146205'	10		10	10	0.968	3.2	10	5.51 No	0.968 Thermal Discharging
VMR063	54	'434517299_/434517320_1'	10		10	10	0.968	2.3	10	5.51 No	0.968 Thermal Discharging
VMR063	55	'90069775_/90069811'	10		10	10	0.968	10	10	5.51 No	0.968 Thermal Discharging
VMR063	56	'145888945_/145888963'	10		10	10	0.968	4.9	10	5.51 No	0.968 Thermal Discharging
VMR063	57	'8831632_/90304251'	10		10	10	0.968	2.3	10	5.51 No	0.968 Thermal Discharging
VMR063	58	'3274876_/3274873'	6.67		6.67	6.67	0.648	3.07	6.67	3.67 No	0.648 Thermal Discharging
VMR063	59	'90069769_/90069772'	10		10	10	0.968	10	10	5.51 No	0.968 Thermal Discharging
VMR063	60	'8831583_/9146065_1'	6.67		6.67	6.67	0.648	1	6.67	3.67 No	0.648 Thermal Discharging
VMR063	61	'8834285_/8834283'	10		10	10	0.968	5.1	10	5.51 No	0.968 Thermal Discharging
VMR063	62	'90069738_/90069741'	10		10	10	0.968	10	10	5.51 No	0.968 Thermal Discharging
VMR063	63	'9146267_/9146265_1'	3.33		3.33	3.33	0.32	0.5	3.33	1.84 No	0.32 Thermal Discharging
VMR063	64	'90069707_/90069710'	10		10	10	0.968	10	10	5.51 No	0.968 Thermal Discharging
VMR063	65	'8831633_/8831630'	10		10	10	0.968	2.3	10	5.51 No	0.968 Thermal Discharging
VMR063	66	'90069607_/90069679'	10		10	10	0.968	10	10	5.51 No	0.968 Thermal Discharging
VMR063	67	'66973568_/66973571'	10		10	10	0.968	3.2	10	5.51 No	0.968 Thermal Discharging
VMR063	68	'90069599_/90069604'	10		10	10	0.968	10	10	5.51 No	0.968 Thermal Discharging
VMR063	69	'106878199_/106878205'	10		10	10	0.968	3.2	10	5.51 No	0.968 Thermal Discharging
VMR063	70	'90069513_/90069567'	10		10	10	0.968	10	10	5.51 No	0.968 Thermal Discharging
VMR063	71	'7880744_/90304167'	3.33		3.33	3.33	0.32	1.4	3.33	1.84 No	0.32 Thermal Discharging
VMR063	72	'106878293_/106878322'	10		10	10	0.968	3.2	10	5.51 No	0.968 Thermal Discharging
VMR063	73	'106878236_/106878304'	10		10	10	0.968	3.2	10	5.51 No	0.968 Thermal Discharging
VMR063	74	'90069474_/90069510'	10		10	10	0.968	10	10	5.51 No	0.968 Thermal Discharging
VMR063	75	'66973658_/66973678'	10		10	10	0.968	3.2	10	5.51 No	0.968 Thermal Discharging
VMR063	76	'7482659_/8831798'	10		10	10	0.968	5.3	10	5.51 No	0.968 Thermal Discharging
VMR063	77	'90069468_/90069471'	10		10	10	0.968	10	10	5.51 No	0.968 Thermal Discharging
VMR063	78	'7254153_/9462752'	10		10	10	0.968	5.1	10	5.51 No	0.968 Thermal Discharging
VMR063	79	'7252279_/8513843_1'	3.33		3.33	3.33	0.32	0.6	3.33	1.84 No	0.32 Thermal Discharging
VMR063	80	'90069436_/90069440'	10		10	10	0.968	10	10	5.51 No	0.968 Thermal Discharging
VMR063	81	'90069400_/350469462'	10		10	10	0.968	10	10	5.51 No	0.968 Thermal Discharging
VMR063	82	'91014147_/3275325_2'	6.67		6.67	6.67	0.648	2.3	6.67	3.67 No	0.648 Thermal Discharging
VMR063	83	'3274949_/3274946'	3.33		3.33	3.33	0.32	1.1	3.33	1.84 No	0.32 Thermal Discharging
VMR063	84	'66973617_/66973665'	10		10	10	0.968	3.2	10	5.51 No	0.968 Thermal Discharging
VMR063	85	'3275312_/3275309'	3.33		3.33	3.33	0.32	1.5	3.33	1.84 No	0.32 Thermal Discharging
VMR063	86	'145888982_/145889017'	10		10	10	0.968	4.9	10	5.51 No	0.968 Thermal Discharging
VMR063	87	'38851936_/44090748'	10		10	10	0.968	5.3	10	5.51 No	0.968 Thermal Discharging
VMR063	88	'7254152_/7254150'	10		10	10	0.968	5.1	10	5.51 No	0.968 Thermal Discharging
VMR063	89	'416193004_/90069372'	10		10	10	0.968	10	10	5.51 No	0.968 Thermal Discharging
VMR063	90	'416192921_/3275217_1'	3.33		3.33	3.33	0.32	0.5	3.33	1.84 No	0.32 Thermal Discharging
VMR063	91	'90069369_/416193008'	10		10	10	0.968	10	10	5.51 No	0.968 Thermal Discharging
VMR063	92	'90303829_/3274962_1'	3.33		3.33	3.33	0.32	0.5	3.33	1.84 No	0.32 Thermal Discharging
VMR063	93	'3275328_/3275325_1'	6.67		6.67	6.67	0.648	1	6.67	3.67 No	0.648 Thermal Discharging
VMR063	94	'90069338_/90069341'	10		10	10	0.968	10	10	5.51 No	0.968 Thermal Discharging
VMR063	95	'7883029_/7883027'	10		10	10	0.968	5.1	10	5.51 No	0.968 Thermal Discharging
VMR063	96	'126292415_/126292417'	10		10	10	0.968	10	10	5.51 No	0.968 Thermal Discharging
VMR063	97	'90303601_/90069310'	10		10	10	0.968	10	10	5.51 No	0.968 Thermal Discharging
VMR063	98	'90303416_/90069279_1'	10		10	10	0.968	10	10	5.51 No	0.968 Thermal Discharging
VMR063	99	'7482658_/7482656'	10		10	10	0.968	5.3	10	5.51 No	0.968 Thermal Discharging
VMR063	100	'3275343_/3275340'	6.67		6.67	6.67	0.648	1	6.67	3.67 No	0.648 Thermal Discharging
VMR063	101	'7883089_/9150065'	6.2		10	10	0.968	5.1	10	5.51 No	0.968 Thermal Discharging
VMR063	102	'3275188_/3275206'	10		10	10	0.968	4.7	10	5.51 No	0.968 Thermal Discharging
VMR063	103	'7252278_/7252276'	3.33		3.33	3.33	0.32	0.6	3.33	1.84 No	0.32 Thermal Discharging
VMR063	104	'52554438_/145888987'	5.6		10	10	0.968	4.9	10	5.51 No	0.968 Thermal Discharging
VMR063	105	'7883090_/7883087'	5.4		10	10	0.968	5.1	10	5.51 No	0.968 Thermal Discharging
VMR063	106	'3275220_/3275217_2'	3.33		3.33	3.33	0.32	0.5	3.33	1.84 No	0.32 Thermal Discharging
VMR063	107	'3274923_/3274920'	3.33		3.33	3.33	0.32	1.1	3.33	1.84 No	0.32 Thermal Discharging
VMR063	108	'52554344_/52554467'	5		10	10	0.968	4.9	10	5.51 No	0.968 Thermal Discharging
VMR063	109	'579179236_/579179109_1'	1.07		6.67	6.67	0.648	2.8	6.67	3.67 No	0.648 Thermal Discharging
VMR063	110	'579179181_/579179109_2'	3.33		6.67	6.67	0.648	3.5	6.67	3.67 No	0.648 Thermal Discharging
VMR063	111	'3271827_/3274962_2'	3.33		3.33	3.33	0.32	0.5	3.33	1.84 No	0.32 Thermal Discharging
VMR063	112	'579179088_/579179092'	5.1		10	10	0.968	5.3	10	5.51 No	0.968 Thermal Discharging
VMR063	113	'579179023_/579179027'	5.1		10	10	0.968	5.3	10	5.51 No	0.968 Thermal Discharging
VMR063	114	'52554310_/52554351'	4.6		10	10	0.968	4.9	10	5.51 No	0.968 Thermal Discharging
VMR063	115	'3275189_/3275186'	10		10	10	0.968	4.7	10	5.51 No	0.968 Thermal Discharging
VMR063	116	'9461081_/9462712'	4.3		10	10	0.968	5.1	10	5.51 No	0.968 Thermal Discharging
VMR063	117	'7883049_/8513791'	4.1		10	10	0.968	3.2	10	5.51 No	0.968 Thermal Discharging
VMR063	118	'416192745_/416192742'	3.33		3.33	3.33	0.32	0.5	3.33	1.84 No	0.32 Thermal Discharging
VMR063	119	'9146228_/9461078'	4		10	10	0.968	5.1	10	5.51 No	0.968 Thermal Discharging
VMR063	120	'8204792_/9060129_1'	1.6		10	10	0.968	4.2	10	5.51 No	0.968 Thermal Discharging
VMR063	121	'66040649_/9462772'	3.9		10	10	0.968	4.9	10	5.51 No	0.968 Thermal Discharging
VMR063	122	'43289765_/3276987'	10		10	10	0.968	4.7	10	5.51 No	0.968 Thermal Discharging
VMR063	123	'3276990_/331796078_2'	10		10	10	0.968	4.7	10	5.51 No	0.968 Thermal Discharging
VMR063	124	'66040700_/66040711'	3.7		10	10	0.968	4.9	10	5.51 No	0.968 Thermal Discharging
VMR063	125	'331796074_/331796078_1'	10		10	10	0.968	1.5	10	5.51 No	0.968 Thermal Discharging
VMR063	126	'66040731_/66040738'	3.6		10	10	0.968	4.9	10	5.51 No	0.968 Thermal Discharging
VMR063	127	'416192761_/416192758'	3.33		3.33	3.33	0.32	0.5	3.33	1.84 No	0.32 Thermal Discharging
VMR063	128	'7218295_/331796136'	10		10	10	0.968	1.5	10	5.51 No	0.968 Thermal Discharging
VMR063	129	'8515594_/66040654'	3.5		10	10	0.968	4.9	10	5.51 No	0.968 Thermal Discharging
VMR063	130	'8831781_/9146225'	3.4		10	10	0.968	5.1	10	5.51 No	0.968 Thermal Discharging
VMR063	131	'3271828_/3271825'	2.1		3.33	3.33	0.32	0.5	3.33	1.84 No	0.32 Thermal Discharging
VMR063	132	'3275235_/416192774'	3.33		3.33	3.33	0.32	0.5	3.33	1.84 No	0.32 Thermal Discharging
VMR063	133	'8204791_/8204789'	1.7		10	10	0.968	4.2	10	5.51 No	0.968 Thermal Discharging
VMR063	134	'7570880_/9462812'	1.7		10	10	0.968	4.2	10	5.51 No	0.968 Thermal Discharging
VMR063	135	'7883050_/7883047'	3.2		10	10	0.968	3.2	10	5.51 No	0.968 Thermal Discharging
VMR063	136	'7570881_/7570878'	1.7		10	10	0.968	4.2	10	5.51 No	0.968 Thermal Discharging
VMR063	137	'8515593_/8515591'	3.1		10	10	0.968	4.9	10	5.51 No	0.968 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
VMR063	138	'9146068_/_9146065_2'	2.07	6.67	6.67	0.648	1	6.67	3.67 No	0.648	Thermal Discharging
VMR063	139	'8831761_/_8831778'	2.9	10	10	0.968	5.1	10	5.51 No	0.968	Thermal Discharging
VMR063	140	'37671592_/_9462792'	1.7	10	10	0.968	4.2	10	5.51 No	0.968	Thermal Discharging
VMR063	141	'37671571_/_37671596'	1.7	10	10	0.968	4.2	10	5.51 No	0.968	Thermal Discharging
VMR063	142	'37671578_/_37671582'	1.7	10	10	0.968	4.2	10	5.51 No	0.968	Thermal Discharging
VMR063	143	'37671570_/_37671568'	2.8	10	10	0.968	3.2	10	5.51 No	0.968	Thermal Discharging
VMR063	144	'37671605_/_37671603'	1.7	10	10	0.968	4.2	10	5.51 No	0.968	Thermal Discharging
VMR063	145	'3275236_/_3275233'	1.63	3.33	3.33	0.32	0.5	3.33	1.84 No	0.32	Thermal Discharging
VMR063	146	'7254173_/_9462732'	2.8	10	10	0.968	3.2	10	5.51 No	0.968	Thermal Discharging
VMR063	147	'67014331_/_67014363'	1.2	3.33	3.33	0.32	1.5	3.33	1.84 No	0.32	Thermal Discharging
VMR063	148	'67014332_/_67014328'	1.2	3.33	3.33	0.32	0.5	3.33	1.84 No	0.32	Thermal Discharging
VMR063	149	'67014346_/_67014342'	1.2	3.33	3.33	0.32	0.3	3.33	1.84 No	0.3	Element Fault
VMR063	150	'67014374_/_67014370'	1.2	3.33	3.33	0.32	1.5	3.33	1.84 No	0.32	Thermal Discharging
VMR063	151	'67014359_/_67014527'	1.2	3.33	3.33	0.32	1.5	3.33	1.84 No	0.32	Thermal Discharging
VMR063	152	'9462835_/_9462832'	2.9	10	10	0.968	4.9	10	5.51 No	0.968	Thermal Discharging
VMR063	153	'8831741_/_8831758'	2.7	10	10	0.968	5.1	10	5.51 No	0.968	Thermal Discharging
VMR063	154	'3271841_/_3271838'	1.2	3.33	3.33	0.32	0.5	3.33	1.84 No	0.32	Thermal Discharging
VMR063	155	'7252239_/_8831738'	2.6	10	10	0.968	5.1	10	5.51 No	0.968	Thermal Discharging
VMR063	156	'7883070_/_9462852'	2.6	10	10	0.968	4.9	10	5.51 No	0.968	Thermal Discharging
VMR063	157	'7252238_/_7252236'	2.5	10	10	0.968	5.1	10	5.51 No	0.968	Thermal Discharging
VMR063	158	'75256845_/_7883067'	2.5	10	10	0.968	4.9	10	5.51 No	0.968	Thermal Discharging
VMR063	159	'55070562_/_55070564'	2.3	10	10	0.968	5.1	10	5.51 No	0.968	Thermal Discharging
VMR063	160	'420530458_/_55070634'	2.3	10	10	0.968	5.1	10	5.51 No	0.968	Thermal Discharging
VMR063	161	'55070593_/_55070655'	2.2	10	10	0.968	5.1	10	5.51 No	0.968	Thermal Discharging
VMR063	162	'123304015_/_123304020'	2.3	10	10	0.968	4.9	10	5.51 No	0.968	Thermal Discharging
VMR063	163	'3271854_/_3271851'	0.93	3.33	3.33	0.32	0.5	3.33	1.84 No	0.32	Thermal Discharging
VMR063	164	'123304053_/_123304071'	2.2	10	10	0.968	4.4	10	5.51 No	0.968	Thermal Discharging
VMR063	165	'123303977_/_123304085'	2.2	10	10	0.968	4.4	10	5.51 No	0.968	Thermal Discharging
VMR063	166	'75256944_/_75256973'	2.2	10	10	0.968	4.4	10	5.51 No	0.968	Thermal Discharging
VMR063	167	'43289317_/_3271864'	0.87	3.33	3.33	0.32	0.5	3.33	1.84 No	0.32	Thermal Discharging
VMR063	168	'67014569_/_67014580'	0.77	3.33	3.33	0.32	0.3	3.33	1.84 No	0.3	Element Fault
VMR063	169	'75256893_/_75256955'	2	10	10	0.968	4.4	10	5.51 No	0.968	Thermal Discharging
VMR063	170	'3271880_/_3271877'	0.7	3.33	3.33	0.32	0.5	3.33	1.84 No	0.32	Thermal Discharging
VMR063	171	'3271893_/_3271890'	0.6	3.33	3.33	0.32	0.5	3.33	1.84 No	0.32	Thermal Discharging
VMR063	172	'579179056_/_579179072'	0.53	3.33	3.33	0.32	1.4	3.33	1.84 No	0.32	Thermal Discharging
VMR063	173	'3271906_/_3271903'	0.53	3.33	3.33	0.32	0.5	3.33	1.84 No	0.32	Thermal Discharging
WAB021	0	'WAB021_/_1171623'	10	10	10	8	10	10	2.65 No	2.65	Unintentional Islanding
WAB021	1	'42962182_/_1171623'	10	10	10	8	10	10	2.65 No	2.65	Unintentional Islanding
WAB021	2	'1155929_/_42962184'	10	10	10	8	10	10	2.65 No	2.65	Unintentional Islanding
WAB021	3	'58636095_/_1171640'	10	10	10	8	10	10	2.64 No	2.64	Unintentional Islanding
WAB021	4	'1155946_/_1171912'	10	10	10	8	10	10	2.63 No	2.63	Unintentional Islanding
WAB021	5	'58635953_/_1171518_2'	10	10	10	8	4.3	10	2.62 No	2.62	Unintentional Islanding
WAB021	6	'355257523_/_42961891_2'	3.33	3.33	3.33	2.664	1	3.33	0.87 No	0.87	Unintentional Islanding
WAB021	7	'1171171_/_1171674'	10	10	10	8	10	10	2.61 No	2.61	Unintentional Islanding
WAB021	8	'1171154_/_1171168'	9.5	10	10	8	10	10	2.6 No	2.6	Unintentional Islanding
WAB021	9	'1171137_/_1171151'	9.1	10	10	8	10	10	2.6 No	2.6	Unintentional Islanding
WAB021	10	'1171521_/_1171518_1'	8.5	10	10	8	1.4	10	2.61 No	1.4	Element Fault
WAB021	11	'42961889_/_42961891_1'	2.8	3.33	3.33	2.664	0.4	3.33	0.87 No	0.4	Element Fault
WAB021	12	'7128289_/_1171134_2'	8.4	10	10	8	10	10	2.6 No	2.6	Unintentional Islanding
WAB021	13	'1171117_/_1171134_1'	8.4	10	10	8	10	10	2.6 No	2.6	Unintentional Islanding
WAB021	14	'7128290_/_7128307_1'	2.8	3.33	3.33	2.664	0.4	3.33	0.87 No	0.4	Element Fault
WAB021	15	'1171116_/_1171114'	8	10	10	8	10	10	2.6 No	2.6	Unintentional Islanding
WAB021	16	'1171538_/_1171535'	7	10	10	8	1.4	10	2.6 No	1.4	Element Fault
WAB021	17	'1171298_/_1171296'	7.7	10	10	8	10	10	2.6 No	2.6	Unintentional Islanding
WAB021	18	'1176157_/_1176255'	7.4	10	10	8	10	10	2.6 No	2.6	Unintentional Islanding
WAB021	19	'1176221_/_1176238'	7.2	10	10	8	10	10	2.6 No	2.6	Unintentional Islanding
WAB021	20	'264678110_/_1176155_1'	2.37	3.33	3.33	2.664	0.4	3.33	0.87 No	0.4	Element Fault
WAB021	21	'1154875_/_1176218'	7.1	10	10	8	10	10	2.6 No	2.6	Unintentional Islanding
WAB021	22	'7128310_/_7128307_2'	2.13	3.33	3.33	2.664	0.4	3.33	0.87 No	0.4	Element Fault
WAB021	23	'1171225_/_1171239'	6.8	10	10	8	10	10	2.6 No	2.6	Unintentional Islanding
WAB021	24	'1176203_/_1181216'	6.8	10	10	8	10	10	2.6 No	2.6	Unintentional Islanding
WAB021	25	'1154888_/_1181066'	2.4	3.33	3.33	2.664	3.33	3.33	0.87 No	0.87	Unintentional Islanding
WAB021	26	'1176158_/_1176155_2'	2.17	3.33	3.33	2.664	0.4	3.33	0.87 No	0.4	Element Fault
WAB021	27	'1171208_/_1171222'	6.6	10	10	8	10	10	2.6 No	2.6	Unintentional Islanding
WAB021	28	'42962156_/_1171552'	5.7	10	10	8	1.4	10	2.6 No	1.4	Element Fault
WAB021	29	'1154889_/_1154886'	2.4	3.33	3.33	2.664	3.33	3.33	0.87 No	0.87	Unintentional Islanding
WAB021	30	'1176204_/_1176201'	6.5	10	10	8	10	10	2.6 No	2.6	Unintentional Islanding
WAB021	31	'1171207_/_1171205'	6.5	10	10	8	10	10	2.6 No	2.6	Unintentional Islanding
WAB021	32	'1181101_/_1181290'	6.5	10	10	8	10	10	2.6 No	2.6	Unintentional Islanding
WAB021	33	'42962036_/_1181589'	6.3	10	10	8	10	10	2.6 No	2.6	Unintentional Islanding
WAB021	34	'1176171_/_1176168'	2	3.33	3.33	2.664	0.4	3.33	0.87 No	0.4	Element Fault
WAB021	35	'1154902_/_1154899'	2.43	3.33	3.33	2.664	3.33	3.33	0.87 No	0.87	Unintentional Islanding
WAB021	36	'1181239_/_1181236'	6.1	10	10	8	10	10	2.6 No	2.6	Unintentional Islanding
WAB021	37	'1181399_/_1181397_1'	4.07	6.67	6.67	5.336	0.9	6.67	1.73 No	0.9	Element Fault
WAB021	38	'1181081_/_1181079_1'	6	10	10	8	1.4	10	2.6 No	1.4	Element Fault
WAB021	39	'42961865_/_42961867'	6.1	10	10	8	10	10	2.6 No	2.6	Unintentional Islanding
WAB021	40	'1155031_/_1181552'	5.9	10	10	8	10	10	2.6 No	2.6	Unintentional Islanding
WAB021	41	'42961852_/_42961854'	5.7	10	10	8	10	10	2.6 No	2.6	Unintentional Islanding
WAB021	42	'42961924_/_1155029'	5.7	10	10	8	7.4	10	2.6 No	2.6	Unintentional Islanding
WAB021	43	'1154481_/_1154479_1'	5.7	10	10	8	7.4	10	2.6 No	2.6	Unintentional Islanding
WAB021	44	'1171572_/_42962158'	4.7	10	10	8	1.4	10	2.6 No	1.4	Element Fault
WAB021	45	'1171083_/_1171097'	5.6	10	10	8	10	10	2.6 No	2.6	Unintentional Islanding
WAB021	46	'1155959_/_1155956'	1.6	3.33	3.33	2.664	0.4	3.33	0.87 No	0.4	Element Fault
WAB021	47	'1154329_/_1171080'	5.4	10	10	8	10	10	2.6 No	2.6	Unintentional Islanding
WAB021	48	'1154482_/_1154479_2'	5.4	10	10	8	7.4	10	2.6 No	2.6	Unintentional Islanding
WAB021	49	'1171043_/_1171060'	5.2	10	10	8	10	10	2.6 No	2.6	Unintentional Islanding
WAB021	50	'42961911_/_1154499'	5.2	10	10	8	7.4	10	2.6 No	2.6	Unintentional Islanding
WAB021	51	'1171026_/_1171040'	5.1	10	10	8	10	10	2.6 No	2.6	Unintentional Islanding
WAB021	52	'1176186_/_1181079_2'	4.9	10	10	8	1.4	10	2.6 No	1.4	Element Fault
WAB021	53	'1154469_/_42961913'	5	10	10	8	7.4	10	2.6 No	2.6	Unintentional Islanding
WAB021	54	'1171009_/_1171023'	4.9	10	10	8	10	10	2.6 No	2.6	Unintentional Islanding
WAB021	55	'42962219_/_1174482'	4.1	10	10	8	1.4	10	2.6 No	1.4	Element Fault
WAB021	56	'566469155_/_42962221'	4.1	10	10	8	1.4	10	2.6 No	1.4	Element Fault
WAB021	57	'1181400_/_1181397_2'	3.13	6.67	6.67	5.336	0.9	6.67	1.73 No	0.9	Element Fault

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
WAB021	58	'1170989_/_1171006'	4.8	10	10	8	10	10	2.6 No	2.6	Unintentional Islanding
WAB021	59	'401830383_/_1154466_2'	1.67	3.33	3.33	2.664	1	3.33	0.87 No	0.87	Unintentional Islanding
WAB021	60	'1154330_/_1154327'	4.6	10	10	8	4.4	10	2.6 No	2.6	Unintentional Islanding
WAB021	61	'1170988_/_1170986'	4.6	10	10	8	10	10	2.6 No	2.6	Unintentional Islanding
WAB021	62	'1154519_/_1154516'	4.7	10	10	8	7.4	10	2.6 No	2.6	Unintentional Islanding
WAB021	63	'566469197_/_566469213'	3.9	10	10	8	1.4	10	2.6 No	1.4	Element Fault
WAB021	64	'7831165_/_8781098_1'	4.6	10	10	8	1.4	10	2.6 No	1.4	Element Fault
WAB021	65	'1173908_/_1183243'	4.5	10	10	8	10	10	2.6 No	2.6	Unintentional Islanding
WAB021	66	'42964129_/_566469159'	3.8	10	10	8	1.4	10	2.6 No	1.4	Element Fault
WAB021	67	'1173890_/_1173887_2'	3	6.67	6.67	5.336	2.1	6.67	1.73 No	1.73	Unintentional Islanding
WAB021	68	'42961937_/_1155063'	4.4	10	10	8	7.4	10	2.6 No	2.6	Unintentional Islanding
WAB021	69	'1173923_/_1173937'	4.3	10	9.8	8	10	10	2.6 No	2.6	Unintentional Islanding
WAB021	70	'8463435_/_9100177_1'	4.3	10	9.8	8	1.4	10	2.6 No	1.4	Element Fault
WAB021	71	'1174444_/_42964131'	3.6	10	10	8	1.4	10	2.6 No	1.4	Element Fault
WAB021	72	'1176187_/_1176184'	4.1	10	10	8	1.4	10	2.6 No	1.4	Element Fault
WAB021	73	'1154536_/_1154533'	4.2	10	10	8	7.4	10	2.6 No	2.6	Unintentional Islanding
WAB021	74	'447913062_/_1154857_1'	1.4	3.33	3.33	2.664	0.2	3.33	0.87 No	0.2	Element Fault
WAB021	75	'1154347_/_1154344'	4.1	10	10	8	4.4	10	2.6 No	2.6	Unintentional Islanding
WAB021	76	'1172009_/_1173920'	4.1	10	9.2	8	10	10	2.6 No	2.6	Unintentional Islanding
WAB021	77	'1173889_/_1173887_1'	2.67	6.67	6.67	5.336	0.9	6.67	1.73 No	0.9	Element Fault
WAB021	78	'7830937_/_8780846_1'	4	10	9.2	8	0.3	10	2.6 No	0.3	Element Fault
WAB021	79	'1154553_/_1154550'	4	10	10	8	7.4	10	2.6 No	2.6	Unintentional Islanding
WAB021	80	'447913069_/_1154800_1'	4	10	10	8	0.9	10	2.6 No	0.9	Element Fault
WAB021	81	'1154468_/_1154466_1'	1.4	3.33	3.33	2.664	0.2	3.33	0.87 No	0.2	Element Fault
WAB021	82	'8463474_/_9100177_2'	3.8	10	9.9	8	1.4	10	2.6 No	1.4	Element Fault
WAB021	83	'1156809_/_1172006'	3.8	10	8.7	8	10	10	2.6 No	2.6	Unintentional Islanding
WAB021	84	'1156810_/_1156823_1'	1.27	3.33	2.9	2.664	0.4	3.33	0.87 No	0.4	Element Fault
WAB021	85	'9100160_/_9100157'	3.8	10	9.9	8	1.4	10	2.6 No	1.4	Element Fault
WAB021	86	'1181418_/_1181415'	2.47	6.67	6.67	5.336	0.9	6.67	1.73 No	0.9	Element Fault
WAB021	87	'1156826_/_1156823_2'	1.27	3.33	2.93	2.664	0.4	3.33	0.87 No	0.4	Element Fault
WAB021	88	'401830449_/_1154800_2'	3.8	10	10	8	0.9	10	2.6 No	0.9	Element Fault
WAB021	89	'1154766_/_1154780'	3.8	10	10	8	0.9	10	2.6 No	0.9	Element Fault
WAB021	90	'42967596_/_1202696'	3.8	10	10	8	7.3	10	2.6 No	2.6	Unintentional Islanding
WAB021	91	'1154749_/_1154763'	3.8	10	10	8	0.9	10	2.6 No	0.9	Element Fault
WAB021	92	'1171972_/_1171989'	3.7	10	8.3	8	10	10	2.6 No	2.6	Unintentional Islanding
WAB021	93	'87164016_/_8780846_2'	3.6	10	9.3	8	0.3	10	2.6 No	0.3	Element Fault
WAB021	94	'1141155_/_1202713'	3.6	10	10	8	7.3	10	2.6 No	2.6	Unintentional Islanding
WAB021	95	'1154367_/_1154364'	3.5	10	10	8	4.4	10	2.6 No	2.6	Unintentional Islanding
WAB021	96	'1156793_/_1171969'	3.5	10	7.9	8	10	10	2.6 No	2.6	Unintentional Islanding
WAB021	97	'1156839_/_1156836'	1.3	3.33	3	2.664	0.4	3.33	0.87 No	0.4	Element Fault
WAB021	98	'1154803_/_1154800_3'	3.6	10	10	8	0.9	10	2.6 No	0.9	Element Fault
WAB021	99	'42962463_/_1154857_2'	1.17	3.33	3.33	2.664	0.2	3.33	0.87 No	0.2	Element Fault
WAB021	100	'323019033_/_1154401_1'	1.17	3.33	3.33	2.664	0.4	3.33	0.87 No	0.4	Element Fault
WAB021	101	'445575872_/_1171929'	3.5	10	8	8	10	10	2.6 No	2.6	Unintentional Islanding
WAB021	102	'347853386_/_445575874'	3.5	10	8	8	10	10	2.6 No	2.6	Unintentional Islanding
WAB021	103	'129705582_/_87164055'	3.4	10	9.4	8	0.3	10	2.6 No	0.3	Element Fault
WAB021	104	'1141138_/_1141153'	3.5	10	10	8	7.3	10	2.6 No	2.6	Unintentional Islanding
WAB021	105	'450262818_/_450262743_1'	1.17	3.33	3.33	2.664	0.2	3.33	0.87 No	0.2	Element Fault
WAB021	106	'1181433_/_1181430'	2.2	6.67	6.67	5.336	0.9	6.67	1.73 No	0.9	Element Fault
WAB021	107	'1154732_/_1154746'	3.4	10	10	8	0.9	10	2.6 No	0.9	Element Fault
WAB021	108	'1181135_/_1181116'	3.3	10	10	8	1.4	10	2.6 No	1.4	Element Fault
WAB021	109	'8781121_/_9100269_1'	1.17	3.33	3.33	2.664	0.2	3.33	0.87 No	0.2	Element Fault
WAB021	110	'1156852_/_1156849'	1.23	3.33	3.1	2.664	0.4	3.33	0.87 No	0.4	Element Fault
WAB021	111	'1141139_/_1141136'	3.3	10	10	8	7.3	10	2.6 No	2.6	Unintentional Islanding
WAB021	112	'42961950_/_1154820'	3.3	10	10	8	0.9	10	2.6 No	0.9	Element Fault
WAB021	113	'1154672_/_1154670_1'	1.1	3.33	3.33	2.664	0.2	3.33	0.87 No	0.2	Element Fault
WAB021	114	'1154643_/_1154641_1'	1.1	3.33	3.33	2.664	0.2	3.33	0.87 No	0.2	Element Fault
WAB021	115	'1154570_/_1154567'	3.2	10	10	8	7.3	10	2.6 No	2.6	Unintentional Islanding
WAB021	116	'450262746_/_450262743_2'	1.17	3.33	3.33	2.664	0.2	3.33	0.87 No	0.2	Element Fault
WAB021	117	'42962602_/_42962604'	3.1	10	7	8	6.6	10	2.6 No	2.6	Unintentional Islanding
WAB021	118	'1156865_/_1156862'	1.17	3.33	3.2	2.664	0.4	3.33	0.87 No	0.4	Element Fault
WAB021	119	'1154404_/_1154401_2'	1.17	3.33	3.3	2.664	0.4	3.33	0.87 No	0.4	Element Fault
WAB021	120	'42966834_/_42966836'	3.1	10	10	8	4.4	10	2.6 No	2.6	Unintentional Islanding
WAB021	121	'42964009_/_1173960'	2.07	6.67	6.67	5.336	0.9	6.67	1.73 No	0.9	Element Fault
WAB021	122	'42961900_/_42961902'	1.1	3.33	3.33	2.664	0.2	3.33	0.87 No	0.2	Element Fault
WAB021	123	'1154673_/_1154670_2'	1.03	3.33	3.33	2.664	0.2	3.33	0.87 No	0.2	Element Fault
WAB021	124	'1154587_/_1154584'	3	10	10	8	7.3	10	2.6 No	2.6	Unintentional Islanding
WAB021	125	'8781101_/_8781098_2'	3	10	10	8	1.4	10	2.6 No	1.4	Element Fault
WAB021	126	'1181511_/_1181508'	1.93	6.67	6.67	5.336	0.9	6.67	1.73 No	0.9	Element Fault
WAB021	127	'401830455_/_1154621_2'	3	10	10	8	4	10	2.6 No	2.6	Unintentional Islanding
WAB021	128	'1154731_/_1154729'	3	10	10	8	0.9	10	2.6 No	0.9	Element Fault
WAB021	129	'1154860_/_42962465'	1	3.33	3.33	2.664	0.2	3.33	0.87 No	0.2	Element Fault
WAB021	130	'1181176_/_1181173'	1.03	3.33	3.33	2.664	0.47	3.33	0.87 No	0.47	Element Fault
WAB021	131	'1154917_/_1181156'	2.9	10	10	8	1.4	10	2.6 No	1.4	Element Fault
WAB021	132	'9100272_/_9100269_2'	1.07	3.33	3.33	2.664	0.2	3.33	0.87 No	0.2	Element Fault
WAB021	133	'1154840_/_42961952'	2.9	10	10	8	0.9	10	2.6 No	0.9	Element Fault
WAB021	134	'7158392_/_7158402_1'	1.03	3.33	3.33	2.664	0.3	3.33	0.87 No	0.3	Element Fault
WAB021	135	'42966588_/_42966590'	1	3.33	3.33	2.664	0.45	3.33	0.87 No	0.45	Element Fault
WAB021	136	'7520423_/_7520421_1'	2.9	10	10	8	0.7	10	2.6 No	0.7	Element Fault
WAB021	137	'1154417_/_1154414'	1.07	3.33	3.33	2.664	0.4	3.33	0.87 No	0.4	Element Fault
WAB021	138	'42961985_/_1154601'	2.9	10	10	8	7.3	10	2.6 No	2.6	Unintentional Islanding
WAB021	139	'42962009_/_1181133'	2.8	10	10	8	1.4	10	2.6 No	1.4	Element Fault
WAB021	140	'1183228_/_1183226'	2.8	10	10	8	4.4	10	2.6 No	2.6	Unintentional Islanding
WAB021	141	'443790265_/_443790171_1'	2.8	10	10	8	0.8	10	2.6 No	0.8	Element Fault
WAB021	142	'1154623_/_1154621_1'	2.9	10	10	8	0.8	10	2.6 No	0.8	Element Fault
WAB021	143	'42966599_/_1181477'	0.97	3.33	3.33	2.664	0.45	3.33	0.87 No	0.45	Element Fault
WAB021	144	'455420001_/_445464157'	0.97	3.33	3.33	2.664	0.45	3.33	0.87 No	0.45	Element Fault
WAB021	145	'1156759_/_1156773'	2.8	10	6.2	8	6.6	10	2.6 No	2.6	Unintentional Islanding
WAB021	146	'7520639_/_7520637_1'	2.8	9.8	10	8	2.2	10	2.6 No	2.2	Element Fault
WAB021	147	'1154644_/_1154641_2'	0.93	3.3	3.33	2.664	0.2	3.33	0.87 No	0.2	Element Fault
WAB021	148	'1154918_/_1154915'	2.7	9.7	10	8	1.4	10	2.6 No	1.4	Element Fault
WAB021	149	'7520303_/_339968537_1'	2.7	9.7	10	8	0.8	10	2.6 No	0.8	Element Fault
WAB021	150	'239288822_/_239288819'	0.9	3.23	3.33	2.664	0.3	3.33	0.87 No	0.3	Element Fault
WAB021	151	'1167857_/_42961987'	2.7	9.7	10	8	7.3	10	2.6 No	2.6	Unintentional Islanding

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
WAB021	152	'42961963_/1181606'		1	3.2	3.33	2.664	0.3	3.33	0.87 No	0.3 Element Fault
WAB021	153	'7520424_/7520421_2'		2.7	9.5	10	8	0.7	10	2.6 No	0.7 Element Fault
WAB021	154	'7520640_/7520637_2'		2.6	9.3	10	8	2.2	10	2.6 No	2.2 Element Fault
WAB021	155	'42966553_/7158402_2'		0.93	3.1	3.33	2.664	0.3	3.33	0.87 No	0.3 Element Fault
WAB021	156	'1154442_/445464179'		0.9	3.1	3.33	2.664	0.45	3.33	0.87 No	0.45 Element Fault
WAB021	157	'1154317_/1154453'		0.93	3.07	3.33	2.664	0.2	3.33	0.87 No	0.2 Element Fault
WAB021	158	'42962651_/42962653'		2.7	9.2	10	8	0.8	10	2.6 No	0.8 Element Fault
WAB021	159	'42962615_/42964011'		1.67	6.07	6.67	5.336	0.9	6.67	1.73 No	0.9 Element Fault
WAB021	160	'42962701_/42962703'		2.6	9.1	10	8	6.4	10	2.6 No	2.6 Primary Over-Voltage
WAB021	161	'1180106_/1180137'		2.7	9.1	10	8	6.5	10	2.6 No	2.6 Unintentional Islanding
WAB021	162	'1181450_/42966579'		0.87	3	3.33	2.664	0.45	3.33	0.87 No	0.45 Element Fault
WAB021	163	'1181609_/42961965'		0.93	2.97	3.33	2.664	0.3	3.33	0.87 No	0.3 Element Fault
WAB021	164	'8780969_/443790171_2'		2.5	8.8	10	8	0.8	10	2.6 No	0.8 Element Fault
WAB021	165	'1156739_/1156756'		2.5	9.1	5.6	8	6.6	10	2.6 No	2.5 Primary Over-Voltage
WAB021	166	'7520591_/7520589_1'		0.93	2.97	3.33	2.664	0.2	3.33	0.87 No	0.2 Element Fault
WAB021	167	'8780749_/339968537_2'		2.5	8.8	10	8	0.8	10	2.6 No	0.8 Element Fault
WAB021	168	'8463623_/9411886_1'		0.93	2.97	3.33	2.664	0.2	3.33	0.87 No	0.2 Element Fault
WAB021	169	'68526191_/1180121_1'		0.9	2.93	3.33	2.664	0.2	3.33	0.87 No	0.2 Element Fault
WAB021	170	'1157584_/1180104'		2.6	8.7	10	8	6.5	10	2.6 No	2.6 Primary Over-Voltage
WAB021	171	'1157043_/1157057'		2.5	8.6	10	8	6.4	10	2.6 No	2.5 Primary Over-Voltage
WAB021	172	'239288838_/239288835'		0.8	2.87	3.33	2.664	0.3	3.33	0.87 No	0.3 Element Fault
WAB021	173	'1180124_/1180121_2'		0.9	2.87	3.33	2.664	0.2	3.33	0.87 No	0.2 Element Fault
WAB021	174	'9411873_/9411870'		0.8	2.8	3.33	2.664	0.27	3.33	0.87 No	0.27 Element Fault
WAB021	175	'1156937_/1156934'		2.5	8.5	10	8	0.8	10	2.6 No	0.8 Element Fault
WAB021	176	'1154316_/1154314'		0.83	2.8	3.33	2.664	0.2	3.33	0.87 No	0.2 Element Fault
WAB021	177	'91322027_/91322024'		0.8	2.83	3.33	2.664	0.2	3.33	0.87 No	0.2 Element Fault
WAB021	178	'239769271_/239769268'		0.8	2.73	3.33	2.664	0.3	3.33	0.87 No	0.3 Element Fault
WAB021	179	'1154937_/42966555'		0.83	2.7	3.33	2.664	0.3	3.33	0.87 No	0.3 Element Fault
WAB021	180	'1157585_/1157582'		2.4	8.1	10	8	6.5	10	2.6 No	2.4 Primary Over-Voltage
WAB021	181	'42962664_/1156954'		2.4	8.1	10	8	0.8	10	2.6 No	0.8 Element Fault
WAB021	182	'1157042_/1157040'		2.3	8.1	10	8	6.4	10	2.6 No	2.3 Primary Over-Voltage
WAB021	183	'1156717_/1156736'		2.3	8.2	5.1	8	6.6	10	2.6 No	2.3 Primary Over-Voltage
WAB021	184	'337788677_/1156974'		2.4	8.1	10	8	0.8	10	2.6 No	0.8 Element Fault
WAB021	185	'339968633_/339968669'		0.77	2.63	3.33	2.664	0.27	3.33	0.87 No	0.27 Element Fault
WAB021	186	'1156878_/1156875'		1.47	5.13	6.67	5.336	0.9	6.67	1.73 No	0.9 Element Fault
WAB021	187	'7128990_/7128987'		0.77	2.57	3.33	2.664	0.3	3.33	0.87 No	0.3 Element Fault
WAB021	188	'42964142_/1174536'		2.3	7.7	10	8	6.5	10	2.6 No	2.3 Primary Over-Voltage
WAB021	189	'42962688_/42962690'		2.2	7.7	10	8	6.4	9.99	2.6 No	2.2 Primary Over-Voltage
WAB021	190	'9411889_/9411886_2'		0.8	2.53	3.33	2.664	0.2	3.33	0.87 No	0.2 Element Fault
WAB021	191	'87959647_/87959649'		2.1	7.5	4.7	8	6.6	9.63	2.6 No	2.1 Primary Over-Voltage
WAB021	192	'42961841_/42961843'		0.77	2.47	3.33	2.664	0.2	3.33	0.87 No	0.2 Element Fault
WAB021	193	'1156893_/1156890'		0.7	2.47	3.33	2.664	0.45	3.31	0.87 No	0.45 Element Fault
WAB021	194	'8780733_/8780730'		0.7	2.47	3.33	2.664	0.27	3.33	0.87 No	0.27 Element Fault
WAB021	195	'1156702_/1156716'		2.1	7.4	4.6	8	6.6	9.54	2.6 No	2.1 Primary Over-Voltage
WAB021	196	'1157023_/1157094'		2.1	7.4	10	8	6.4	9.72	2.6 No	2.1 Primary Over-Voltage
WAB021	197	'448274346_/448274294_2'		1.4	4.87	6.67	5.336	2	6.51	1.73 No	1.4 Primary Over-Voltage
WAB021	198	'1174556_/1174553'		2.2	7.3	10	8	6.5	9.71	2.6 No	2.2 Primary Over-Voltage
WAB021	199	'7520323_/7520321_1'		0.7	2.43	1.53	2.664	0.4	3.15	0.87 No	0.4 Element Fault
WAB021	200	'455419952_/1154440'		0.7	2.37	3.33	2.664	0.45	3.32	0.87 No	0.45 Element Fault
WAB021	201	'148923336_/148923333'		0.7	2.37	3.33	2.664	0.45	3.32	0.87 No	0.45 Element Fault
WAB021	202	'1154938_/1154935'		0.73	2.37	3.33	2.664	0.3	3.33	0.87 No	0.3 Element Fault
WAB021	203	'1156906_/42962629'		1.33	4.67	6.67	5.336	0.9	6.44	1.73 No	0.9 Element Fault
WAB021	204	'1174573_/1174570'		2.1	7	10	8	6.5	9.38	2.6 No	2.1 Primary Over-Voltage
WAB021	205	'401830479_/1181381_1'		0.7	2.3	3.33	2.664	0.2	3.08	0.87 No	0.2 Element Fault
WAB021	206	'1156993_/1156990'		2	6.8	10	8	0.8	9.42	2.6 No	0.8 Element Fault
WAB021	207	'45206757_/1154298'		0.7	2.27	3.33	2.664	0.2	3.16	0.87 No	0.2 Element Fault
WAB021	208	'8781004_/9411902'		0.7	2.27	3.33	2.664	0.2	3.14	0.87 No	0.2 Element Fault
WAB021	209	'1156277_/1156699'		1.9	6.8	4.3	8	6.6	8.98	2.6 No	1.9 Primary Over-Voltage
WAB021	210	'7520324_/7520321_2'		0.63	2.27	1.57	2.664	0.4	3	0.87 No	0.4 Element Fault
WAB021	211	'42966564_/1181327'		2.1	6.7	10	8	6.5	9.05	2.6 No	2.1 Primary Over-Voltage
WAB021	212	'401830822_/448274269_2'		0.63	2.5	3.33	2.664	1	2.65	0.87 No	0.63 Primary Over-Voltage
WAB021	213	'448274267_/448274269_1'		0.63	2.5	3.33	2.664	1	2.65	0.87 No	0.63 Primary Over-Voltage
WAB021	214	'1181347_/1181344'		2	6.4	10	8	6.5	8.8	2.6 No	2 Primary Over-Voltage
WAB021	215	'1157006_/1157020'		1.9	6.6	10	8	3	8.81	2.6 No	1.9 Primary Over-Voltage
WAB021	216	'1154951_/1154948'		0.63	2.1	3.33	2.664	0.3	3.06	0.87 No	0.3 Element Fault
WAB021	217	'1156257_/1156274'		1.8	6.3	4	8	6.6	8.52	2.6 No	1.8 Primary Over-Voltage
WAB021	218	'1181384_/1181381_2'		0.67	2.1	3.33	2.664	0.2	2.9	0.87 No	0.2 Element Fault
WAB021	219	'1181309_/1181361'		1.9	6.2	10	8	6.5	8.53	2.6 No	1.9 Primary Over-Voltage
WAB021	220	'401830499_/1181307_1'		1.9	6.2	10	8	1	8.44	2.6 No	1 Element Fault
WAB021	221	'8780988_/8781002'		0.63	2	3.33	2.664	0.2	2.87	0.87 No	0.2 Element Fault
WAB021	222	'7520459_/7520589_2'		0.63	2	3.33	2.664	0.2	2.86	0.87 No	0.2 Element Fault
WAB021	223	'1154964_/1154961'		0.6	2	3.33	2.664	0.3	2.92	0.87 No	0.3 Element Fault
WAB021	224	'1156240_/1156254'		1.7	5.9	3.8	8	6.6	8.13	2.6 No	1.7 Primary Over-Voltage
WAB021	225	'211982252_/1155003_1'		0.6	1.97	3.33	2.664	0.1	2.87	0.87 No	0.1 Element Fault
WAB021	226	'1174589_/1181307_2'		1.8	5.7	10	8	1	8.03	2.6 No	1 Element Fault
WAB021	227	'42961998_/1156090'		0.57	1.9	3.33	2.664	0.3	2.8	0.87 No	0.3 Element Fault
WAB021	228	'1156220_/1156237'		1.6	5.6	3.6	8	4.5	7.79	2.6 No	1.6 Primary Over-Voltage
WAB021	229	'1157005_/1157003'		1.6	5.6	10	8	3	7.9	2.6 No	1.6 Primary Over-Voltage
WAB021	230	'8780989_/8780986'		0.57	1.8	3.33	2.664	0.2	2.64	0.87 No	0.2 Element Fault
WAB021	231	'42962499_/1157184'		1.6	5.4	3.4	8	4.5	7.58	2.6 No	1.6 Primary Over-Voltage
WAB021	232	'7520460_/7520457'		0.57	1.8	3.33	2.664	0.2	2.63	0.87 No	0.2 Element Fault
WAB021	233	'60631978_/1169643'		0.53	1.77	3.33	2.664	0.3	2.64	0.87 No	0.3 Element Fault
WAB021	234	'1155006_/1155003_2'		0.53	1.77	3.33	2.664	0.1	2.63	0.87 No	0.1 Element Fault
WAB021	235	'1174590_/1174587'		1.7	5.2	10	8	1	7.58	2.6 No	1 Element Fault
WAB021	236	'1182132_/1184065_1'		1.6	5.2	10	8	0.5	7.51	2.6 No	0.5 Element Fault
WAB021	237	'1157445_/1167871'		1.5	5.2	10	8	3	7.48	2.6 No	1.5 Primary Over-Voltage
WAB021	238	'42962474_/42962476'		1.5	5	3.6	8	4.3	7.16	2.6 No	1.5 Primary Over-Voltage
WAB021	239	'42962487_/42962501'		0.93	3.33	2.13	5.336	3	4.71	1.73 No	0.93 Primary Over-Voltage
WAB021	240	'1156296_/1156294_1'		0.93	3.27	2.13	5.336	3	4.69	1.73 No	0.93 Primary Over-Voltage
WAB021	241	'9100143_/9411918'		0.5	1.63	3.33	2.664	0.2	2.44	0.87 No	0.2 Element Fault
WAB021	242	'42965852_/1177311'		1.6	4.9	10	8	1	7.2	2.6 No	1 Element Fault
WAB021	243	'42963325_/1169630'		0.5	1.63	3.33	2.664	0.3	2.46	0.87 No	0.3 Element Fault
WAB021	244	'8780900_/8780898_1'		0.5	1.63	3.33	2.664	0.2	2.42	0.87 No	0.2 Element Fault
WAB021	245	'1154979_/1169617'		0.5	1.63	3.33	2.664	0.3	2.46	0.87 No	0.3 Element Fault

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
WAB021	246	'1184050_/_1184065_2'		1.5	4.7	10	8	0.5	7.01	2.6 No	0.5 Element Fault
WAB021	247	'598008461_/_1156294_2'		0.93	3.13	2	5.336	3	4.53	1.73 No	0.93 Primary Over-Voltage
WAB021	248	'655555957_/_655555954'		0.5	1.57	1.2	2.664	1.4	2.28	0.87 No	0.5 Primary Over-Voltage
WAB021	249	'1156297_/_598008467'		0.93	3.13	2	5.336	3	4.5	1.73 No	0.93 Primary Over-Voltage
WAB021	250	'397433406_/_1156309_2'		0.47	1.57	1	2.664	1.3	2.24	0.87 No	0.47 Primary Over-Voltage
WAB021	251	'1156328_/_1156325'		0.87	3.07	1.93	5.336	3	4.42	1.73 No	0.87 Primary Over-Voltage
WAB021	252	'1157427_/_1157442'		1.3	4.7	10	8	3	6.88	2.6 No	1.3 Primary Over-Voltage
WAB021	253	'44056954_/_7134440'		1.4	4.6	10	8	6.3	6.69	2.6 No	1.4 Primary Over-Voltage
WAB021	254	'1169604_/_42963327'		0.47	1.53	3.33	2.664	0.3	2.33	0.87 No	0.3 Element Fault
WAB021	255	'1156187_/_1156197'		1.3	4.5	3.6	8	4.3	6.68	2.6 No	1.3 Primary Over-Voltage
WAB021	256	'1157411_/_1157425'		1.3	4.6	10	8	3	6.79	2.6 No	1.3 Primary Over-Voltage
WAB021	257	'1154980_/_1154977'		0.47	1.5	3.33	2.664	0.3	2.3	0.87 No	0.3 Element Fault
WAB021	258	'1157604_/_1177294'		1.5	4.5	10	8	1	6.71	2.6 No	1 Element Fault
WAB021	259	'1184051_/_1184048'		1.4	4.4	10	8	0.5	6.59	2.6 No	0.5 Element Fault
WAB021	260	'1156311_/_1156309_1'		0.47	1.47	1	2.664	0.1	2.12	0.87 No	0.1 Element Fault
WAB021	261	'1156174_/_1156184'		0.43	1.43	1.2	2.664	1.4	2.14	0.87 No	0.43 Primary Over-Voltage
WAB021	262	'42962511_/_1156340'		0.87	2.87	1.87	5.336	3	4.18	1.73 No	0.87 Primary Over-Voltage
WAB021	263	'69203904_/_1156171_2'		0.43	1.43	1.2	2.664	1.4	2.13	0.87 No	0.43 Primary Over-Voltage
WAB021	264	'1157605_/_1157602'		1.4	4.2	10	8	1	6.39	2.6 No	1 Element Fault
WAB021	265	'1157621_/_1157668'		1.4	4.2	10	8	1	6.36	2.6 No	1 Element Fault
WAB021	266	'1157645_/_1157655_1'		0.47	1.4	3.33	2.664	0.1	2.11	0.87 No	0.1 Element Fault
WAB021	267	'1154993_/_1154990'		0.43	1.4	3.33	2.664	0.3	2.17	0.87 No	0.3 Element Fault
WAB021	268	'44056361_/_1157619'		1.4	4.2	10	8	1	6.33	2.6 No	1 Element Fault
WAB021	269	'8151746_/_8463452_2'		1.4	4.2	10	8	1	6.33	2.6 No	1 Element Fault
WAB021	270	'1182431_/_1182428'		0.43	1.4	3.33	2.664	0.3	2.15	0.87 No	0.3 Element Fault
WAB021	271	'1156358_/_1156355'		0.8	2.8	1.8	5.336	3	4.05	1.73 No	0.8 Primary Over-Voltage
WAB021	272	'1156415_/_1156412'		0.8	2.8	1.8	5.336	3	4.05	1.73 No	0.8 Primary Over-Voltage
WAB021	273	'397433435_/_1156370_1'		0.4	1.4	0.9	2.664	0.1	2.02	0.87 No	0.1 Element Fault
WAB021	274	'1157556_/_1157569_1'		0.4	1.47	3.33	2.664	0.1	1.91	0.87 No	0.1 Element Fault
WAB021	275	'1156373_/_1156370_2'		0.4	1.37	0.9	2.664	0.1	1.98	0.87 No	0.1 Element Fault
WAB021	276	'1157394_/_1157408'		1.2	4.1	10	8	3	6.22	2.6 No	1.2 Primary Over-Voltage
WAB021	277	'42962568_/_1156430'		0.73	2.6	1.67	5.336	3	3.85	1.73 No	0.73 Primary Over-Voltage
WAB021	278	'42962806_/_44056363'		1.3	3.9	10	8	1	5.99	2.6 No	1 Element Fault
WAB021	279	'1156433_/_1156445_1'		0.73	2.6	1.67	5.336	3	3.84	1.73 No	0.73 Primary Over-Voltage
WAB021	280	'1157658_/_1157655_2'		0.43	1.3	3.33	2.664	0.1	1.99	0.87 No	0.1 Element Fault
WAB021	281	'1156161_/_1156171_1'		0.43	1.3	1.2	2.664	1.4	1.93	0.87 No	0.43 Primary Over-Voltage
WAB021	282	'1156448_/_1156445_2'		0.73	2.53	1.6	5.336	3	3.73	1.73 No	0.73 Primary Over-Voltage
WAB021	283	'8463454_/_8463452_1'		1.2	3.8	10	8	0.5	5.8	2.6 No	0.5 Element Fault
WAB021	284	'1156463_/_1156473_1'		0.37	1.23	0.8	2.664	0.2	1.85	0.87 No	0.2 Element Fault
WAB021	285	'1157462_/_1157472_1'		0.4	1.33	3.33	2.664	0.1	1.78	0.87 No	0.1 Element Fault
WAB021	286	'42962749_/_1157569_2'		0.37	1.3	3.33	2.664	0.1	1.77	0.87 No	0.1 Element Fault
WAB021	287	'1156386_/_1156383'		0.4	1.23	0.9	2.664	0.1	1.82	0.87 No	0.1 Element Fault
WAB021	288	'42962736_/_1157391'		1.1	3.7	10	8	3	5.7	2.6 No	1.1 Primary Over-Voltage
WAB021	289	'44056974_/_44056958'		1.1	3.7	10	8	6.3	5.49	2.6 No	1.1 Primary Over-Voltage
WAB021	290	'1156489_/_1156486'		0.73	2.4	1.53	5.336	3	3.58	1.73 No	0.73 Primary Over-Voltage
WAB021	291	'1140744_/_1159427'		0.4	1.2	3.33	2.664	0.1	1.85	0.87 No	0.1 Element Fault
WAB021	292	'1140727_/_1157786'		1.2	3.6	10	8	1	5.56	2.6 No	1 Element Fault
WAB021	293	'1157226_/_1157223'		0.37	1.17	0.77	2.664	1	1.76	0.87 No	0.37 Primary Over-Voltage
WAB021	294	'42962760_/_1157472_2'		0.4	1.23	3.33	2.664	0.1	1.7	0.87 No	0.1 Element Fault
WAB021	295	'1156510_/_1156522'		0.67	2.33	1.53	5.336	3	3.48	1.73 No	0.67 Primary Over-Voltage
WAB021	296	'1156160_/_1156158'		0.43	1.17	1.23	2.664	1.4	1.77	0.87 No	0.43 Primary Over-Voltage
WAB021	297	'1157691_/_1159390'		1.1	3.4	10	8	1	5.36	2.6 No	1 Element Fault
WAB021	298	'1157488_/_1157485'		0.4	1.2	3.33	2.664	0.1	1.66	0.87 No	0.1 Element Fault
WAB021	299	'1157808_/_1159407'		1.1	3.4	10	8	1	5.32	2.6 No	1 Element Fault
WAB021	300	'42962834_/_1140725'		1.1	3.4	10	8	1	5.32	2.6 No	1 Element Fault
WAB021	301	'1156476_/_1156473_2'		0.37	1.13	0.83	2.664	0.2	1.71	0.87 No	0.2 Element Fault
WAB021	302	'1156509_/_1156507'		0.67	2.27	1.47	5.336	3	3.38	1.73 No	0.67 Primary Over-Voltage
WAB021	303	'1157210_/_1157207'		0.43	1.13	1.23	2.664	1	1.73	0.87 No	0.43 Primary Over-Voltage
WAB021	304	'1179267_/_1179277'		1	3.4	10	8	3	5.32	2.6 No	1 Primary Over-Voltage
WAB021	305	'42962523_/_1156396'		0.4	1.13	0.9	2.664	0.1	1.69	0.87 No	0.1 Element Fault
WAB021	306	'1157572_/_42962751'		0.33	1.17	3.33	2.664	0.1	1.63	0.87 No	0.1 Element Fault
WAB021	307	'1164289_/_1167803'		0.67	2.2	1.4	5.336	3	3.33	1.73 No	0.67 Primary Over-Voltage
WAB021	308	'1140745_/_1140742'		0.37	1.1	3.33	2.664	0.1	1.7	0.87 No	0.1 Element Fault
WAB021	309	'1157846_/_1157843'		0.73	2.2	6.67	5.336	0.67	3.43	1.73 No	0.67 Element Fault
WAB021	310	'42966132_/_1178807'		1.1	3.3	10	8	1	5.13	2.6 No	1 Element Fault
WAB021	311	'1156543_/_1156540'		0.37	1.1	0.83	2.664	0.2	1.65	0.87 No	0.2 Element Fault
WAB021	312	'42962821_/_1157806'		1.1	3.2	10	8	1	5.11	2.6 No	1 Element Fault
WAB021	313	'42965367_/_42965369'		0.6	2.13	1.4	5.336	3	3.24	1.73 No	0.6 Primary Over-Voltage
WAB021	314	'1157690_/_1157688'		1.1	3.2	10	8	1	5.06	2.6 No	1 Element Fault
WAB021	315	'1157826_/_42962823'		1.1	3.2	10	8	1	5.01	2.6 No	1 Element Fault
WAB021	316	'1154288_/_1167743'		0.4	1.07	1.23	2.664	1.4	1.63	0.87 No	0.4 Primary Over-Voltage
WAB021	317	'42962534_/_1157153'		0.4	1.07	1.23	2.664	1.4	1.63	0.87 No	0.4 Primary Over-Voltage
WAB021	318	'530435463_/_530435460'		1.1	3.2	10	8	1	4.99	2.6 No	1 Element Fault
WAB021	319	'1157500_/_1179384'		0.37	1.1	3.33	2.664	0.1	1.56	0.87 No	0.1 Element Fault
WAB021	320	'1178721_/_42966134'		1.1	3.1	10	8	1	4.94	2.6 No	1 Element Fault
WAB021	321	'7831080_/_7831078_1'		1.1	3.1	10	8	0.5	4.92	2.6 No	0.5 Element Fault
WAB021	322	'42965355_/_42965357'		0.6	2.07	1.33	5.336	3	3.14	1.73 No	0.6 Primary Over-Voltage
WAB021	323	'1156399_/_42962525'		0.4	1.03	0.9	2.664	0.1	1.58	0.87 No	0.1 Element Fault
WAB021	324	'358025049_/_1157877'		1	3.1	10	8	1	4.89	2.6 No	1 Primary Over-Voltage
WAB021	325	'1157864_/_481241825'		0.37	1.03	3.33	2.664	0.33	1.62	0.87 No	0.33 Element Fault
WAB021	326	'58194267_/_58194320'		0.6	2.07	1.33	5.336	3	3.08	1.73 No	0.6 Primary Over-Voltage
WAB021	327	'1178722_/_1178719'		1	3	10	8	1	4.83	2.6 No	1 Primary Over-Voltage
WAB021	328	'42962793_/_1157711'		1	3.1	10	8	1	4.83	2.6 No	1 Primary Over-Voltage
WAB021	329	'7831081_/_7831078_2'		1	3	10	8	0.5	4.83	2.6 No	0.5 Element Fault
WAB021	330	'58194304_/_58194265_1'		0.3	1	0.67	2.664	0.1	1.53	0.87 No	0.1 Element Fault
WAB021	331	'42966249_/_1178770'		1	3	10	8	1	4.81	2.6 No	1 Primary Over-Voltage
WAB021	332	'413784843_/_1179264_2'		0.33	1.07	3.33	2.664	1	1.51	0.87 No	0.33 Primary Over-Voltage
WAB021	333	'1179241_/_1179264_1'		0.33	1.07	3.33	2.664	1	1.51	0.87 No	0.33 Primary Over-Voltage
WAB021	334	'399724983_/_1179342_1'		0.33	1.07	3.33	2.664	0.1	1.5	0.87 No	0.1 Element Fault
WAB021	335	'1156585_/_1156582'		0.37	1	0.83	2.664	0.2	1.54	0.87 No	0.2 Element Fault
WAB021	336	'44056992_/_44056976'		0.9	3.1	10	8	6.3	4.65	2.6 No	0.9 Primary Over-Voltage
WAB021	337	'42966236_/_1178736'		1	3	10	8	1	4.75	2.6 No	1 Primary Over-Voltage
WAB021	338	'1159585_/_1164256'		0.6	2	1.27	5.336	3	3.02	1.73 No	0.6 Primary Over-Voltage
WAB021	339	'119887956_/_1179342_2'		0.33	1.03	3.33	2.664	0.1	1.49	0.87 No	0.1 Element Fault

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
WAB021	340	'7200972_/_7200970_2'	0.3	1	0.63	2.664	1.3	1.5	0.87 No	0.3	Primary Over-Voltage
WAB021	341	'1178773_/_42966251'	1	3	10	8	1	4.69	2.6 No	1	Primary Over-Voltage
WAB021	342	'1157501_/_1157498'	0.33	1.03	3.33	2.664	0.1	1.46	0.87 No	0.1	Element Fault
WAB021	343	'44057010_/_44056996'	0.9	3	10	8	6.3	4.53	2.6 No	0.9	Primary Over-Voltage
WAB021	344	'58194258_/_58194265_2'	0.27	0.97	0.67	2.664	0.1	1.48	0.87 No	0.1	Element Fault
WAB021	345	'1157156_/_42962536'	0.37	0.97	1.23	2.664	1.4	1.5	0.87 No	0.37	Primary Over-Voltage
WAB021	346	'1157896_/_1178753'	1	2.9	10	8	1	4.61	2.6 No	1	Primary Over-Voltage
WAB021	347	'1179345_/_119887958'	0.33	1	3.33	2.664	0.1	1.45	0.87 No	0.1	Element Fault
WAB021	348	'7128125_/_7128123'	1	2.9	10	8	1	4.6	2.6 No	1	Primary Over-Voltage
WAB021	349	'449027328_/_334036333'	0.27	0.97	0.63	2.664	1.4	1.46	0.87 No	0.27	Primary Over-Voltage
WAB021	350	'8114715_/_8114202_2'	1	2.9	10	8	1	4.59	2.6 No	1	Primary Over-Voltage
WAB021	351	'425170061_/_419721656_1'	0.33	0.97	3.33	2.664	0.2	1.53	0.87 No	0.2	Element Fault
WAB021	352	'1164229_/_1164241'	0.53	1.93	1.27	5.336	3	2.91	1.73 No	0.53	Primary Over-Voltage
WAB021	353	'42961830_/_42961832'	0.37	0.97	1.23	2.664	1	1.48	0.87 No	0.37	Primary Over-Voltage
WAB021	354	'1179225_/_1179238'	0.33	1	3.33	2.664	1	1.43	0.87 No	0.33	Primary Over-Voltage
WAB021	355	'120700898_/_119887999'	0.33	1	3.33	2.664	0.1	1.42	0.87 No	0.1	Element Fault
WAB021	356	'42962847_/_1157894'	0.9	2.8	10	8	1	4.49	2.6 No	0.9	Primary Over-Voltage
WAB021	357	'1156598_/_1156595'	0.37	0.93	0.83	2.664	0.2	1.45	0.87 No	0.2	Element Fault
WAB021	358	'1164214_/_1164226'	0.53	1.87	1.2	5.336	3	2.81	1.73 No	0.53	Primary Over-Voltage
WAB021	359	'1179358_/_1179355'	0.33	0.97	3.33	2.664	0.1	1.39	0.87 No	0.1	Element Fault
WAB021	360	'1156610_/_42962582'	0.33	0.93	0.83	2.664	0.2	1.43	0.87 No	0.2	Element Fault
WAB021	361	'1157514_/_1157511'	0.3	0.97	3.33	2.664	0.1	1.38	0.87 No	0.1	Element Fault
WAB021	362	'419721659_/_419721656_2'	0.3	0.9	3.33	2.664	0.2	1.45	0.87 No	0.2	Element Fault
WAB021	363	'90488010_/_90488019'	0.9	2.7	10	8	1	4.33	2.6 No	0.9	Primary Over-Voltage
WAB021	364	'8114205_/_8114202_1'	0.9	2.7	10	8	0.5	4.33	2.6 No	0.5	Element Fault
WAB021	365	'1179212_/_1179222'	0.33	0.93	3.33	2.664	1	1.36	0.87 No	0.33	Primary Over-Voltage
WAB021	366	'42961819_/_42961821'	0.37	0.9	1.23	2.664	1	1.41	0.87 No	0.37	Primary Over-Voltage
WAB021	367	'1179303_/_1179313_1'	0.33	0.93	3.33	2.664	0.1	1.36	0.87 No	0.1	Element Fault
WAB021	368	'73424427_/_73424380'	0.9	2.7	10	8	1	4.3	2.6 No	0.9	Primary Over-Voltage
WAB021	369	'73424561_/_73424516_1'	0.9	2.7	10	8	0.6	4.28	2.6 No	0.6	Element Fault
WAB021	370	'1157917_/_90488085'	0.9	2.7	10	8	1	4.28	2.6 No	0.9	Primary Over-Voltage
WAB021	371	'1159571_/_1164211'	0.53	1.8	1.13	5.336	3	2.71	1.73 No	0.53	Primary Over-Voltage
WAB021	372	'90488142_/_90488122_1'	0.9	2.7	10	8	0.5	4.27	2.6 No	0.5	Element Fault
WAB021	373	'90488334_/_1157943_1'	0.3	0.87	3.33	2.664	0.1	1.42	0.87 No	0.1	Element Fault
WAB021	374	'1179316_/_1179313_2'	0.3	0.93	3.33	2.664	0.1	1.34	0.87 No	0.1	Element Fault
WAB021	375	'73424640_/_73424596'	0.9	2.6	10	8	1	4.21	2.6 No	0.9	Primary Over-Voltage
WAB021	376	'90488111_/_90488122_2'	0.9	2.6	10	8	0.5	4.21	2.6 No	0.5	Element Fault
WAB021	377	'42962591_/_1156621'	0.33	0.87	0.83	2.664	0.2	1.36	0.87 No	0.2	Element Fault
WAB021	378	'1159570_/_1159568'	0.53	1.73	1.13	5.336	3	2.66	1.73 No	0.53	Primary Over-Voltage
WAB021	379	'1157527_/_1157524'	0.3	0.9	3.33	2.664	0.1	1.32	0.87 No	0.1	Element Fault
WAB021	380	'1157946_/_1157943_2'	0.3	0.87	3.33	2.664	0.1	1.38	0.87 No	0.1	Element Fault
WAB021	381	'73424505_/_73424516_2'	0.9	2.6	10	8	0.6	4.13	2.6 No	0.6	Element Fault
WAB021	382	'42966353_/_1179329'	0.3	0.9	3.33	2.664	0.1	1.31	0.87 No	0.1	Element Fault
WAB021	383	'42966320_/_42966322'	0.3	0.87	3.33	2.664	1	1.3	0.87 No	0.3	Primary Over-Voltage
WAB021	384	'1139943_/_1139953'	0.33	0.87	1.27	2.664	1	1.34	0.87 No	0.33	Primary Over-Voltage
WAB021	385	'73424681_/_73424650'	0.9	2.5	10	8	1	4.1	2.6 No	0.9	Primary Over-Voltage
WAB021	386	'1159615_/_1159613'	0.47	1.67	1.07	5.336	3	2.6	1.73 No	0.47	Primary Over-Voltage
WAB021	387	'110957018_/_110956980_1'	0.9	2.5	10	8	0.5	4.09	2.6 No	0.5	Element Fault
WAB021	388	'42965412_/_1159628'	0.27	0.83	0.57	2.664	1.3	1.3	0.87 No	0.27	Primary Over-Voltage
WAB021	389	'1157543_/_1157540'	0.3	0.87	3.33	2.664	0.1	1.29	0.87 No	0.1	Element Fault
WAB021	390	'1159631_/_1159644_1'	0.27	0.83	0.57	2.664	1.3	1.29	0.87 No	0.27	Primary Over-Voltage
WAB021	391	'44057026_/_44057012'	0.8	2.6	10	8	6.3	3.94	2.6 No	0.8	Primary Over-Voltage
WAB021	392	'110956969_/_110956980_2'	0.8	2.5	10	8	0.5	4.03	2.6 No	0.5	Element Fault
WAB021	393	'1179332_/_42966355'	0.3	0.87	3.33	2.664	0.1	1.27	0.87 No	0.1	Element Fault
WAB021	394	'73424731_/_73424704'	0.3	0.83	3.33	2.664	0.33	1.33	0.87 No	0.3	Primary Over-Voltage
WAB021	395	'1164184_/_1164196'	0.47	1.67	1.07	5.336	3	2.52	1.73 No	0.47	Primary Over-Voltage
WAB021	396	'1159505_/_1159644_2'	0.27	0.8	0.57	2.664	1.3	1.26	0.87 No	0.27	Primary Over-Voltage
WAB021	397	'1156637_/_42962593'	0.3	0.8	0.83	2.664	0.2	1.28	0.87 No	0.2	Element Fault
WAB021	398	'1139942_/_1139940'	0.33	0.8	1.27	2.664	1	1.28	0.87 No	0.33	Primary Over-Voltage
WAB021	399	'347082808_/_347082758_1'	0.3	0.8	0.83	2.664	0.1	1.27	0.87 No	0.1	Element Fault
WAB021	400	'1179199_/_1179410'	0.3	0.83	3.33	2.664	1	1.24	0.87 No	0.3	Primary Over-Voltage
WAB021	401	'1156924_/_1167891'	0.27	0.83	3.33	2.664	0.1	1.23	0.87 No	0.1	Element Fault
WAB021	402	'7200973_/_7200970_1'	0.3	0.8	0.67	2.664	0.2	1.23	0.87 No	0.2	Element Fault
WAB021	403	'1164166_/_423321722'	0.47	1.53	1	5.336	3	2.41	1.73 No	0.47	Primary Over-Voltage
WAB021	404	'1159660_/_1159657'	0.27	0.77	0.57	2.664	1	1.2	0.87 No	0.27	Primary Over-Voltage
WAB021	405	'1159506_/_1159503'	0.27	0.77	0.57	2.664	1.3	1.2	0.87 No	0.27	Primary Over-Voltage
WAB021	406	'1156650_/_1156647'	0.3	0.77	0.83	2.664	0.2	1.21	0.87 No	0.2	Element Fault
WAB021	407	'42966331_/_1179196'	0.27	0.8	3.33	2.664	1	1.18	0.87 No	0.27	Primary Over-Voltage
WAB021	408	'347082739_/_347082758_2'	0.3	0.77	0.83	2.664	0.1	1.2	0.87 No	0.1	Element Fault
WAB021	409	'1156923_/_1156921'	0.27	0.77	3.33	2.664	0.1	1.17	0.87 No	0.1	Element Fault
WAB021	410	'423321908_/_423321912'	0.47	1.47	0.93	5.336	3	2.32	1.73 No	0.47	Primary Over-Voltage
WAB021	411	'1164050_/_1167717'	0.3	0.73	1.27	2.664	1	1.17	0.87 No	0.3	Primary Over-Voltage
WAB021	412	'44057042_/_44057028'	0.7	2.2	10	8	6.3	3.49	2.6 No	0.7	Primary Over-Voltage
WAB021	413	'1159519_/_1159516'	0.27	0.73	0.57	2.664	1.3	1.13	0.87 No	0.27	Primary Over-Voltage
WAB021	414	'44057058_/_44057044'	0.7	2.2	10	8	6.3	3.42	2.6 No	0.7	Primary Over-Voltage
WAB021	415	'492117234_/_484740625_2'	0.7	2.2	10	8	4.9	3.41	2.6 No	0.7	Primary Over-Voltage
WAB021	416	'1156663_/_1156660'	0.27	0.73	0.83	2.664	0.2	1.14	0.87 No	0.2	Element Fault
WAB021	417	'1157333_/_1179397'	0.27	0.73	3.33	2.664	1	1.12	0.87 No	0.27	Primary Over-Voltage
WAB021	418	'1164151_/_423321740'	0.4	1.4	0.93	5.336	3	2.23	1.73 No	0.4	Primary Over-Voltage
WAB021	419	'44557856_/_44057060'	0.6	2.2	10	8	6.3	3.37	2.6 No	0.6	Primary Over-Voltage
WAB021	420	'8120064_/_8120062_1'	0.6	2.2	10	8	0.5	3.36	2.6 No	0.5	Element Fault
WAB021	421	'484740593_/_484740625_1'	0.6	2.2	10	8	0.5	3.36	2.6 No	0.5	Element Fault
WAB021	422	'1164037_/_1164047'	0.3	0.7	1.3	2.664	1	1.13	0.87 No	0.3	Primary Over-Voltage
WAB021	423	'484740526_/_484740609'	0.6	2.1	10	8	0.5	3.32	2.6 No	0.5	Element Fault
WAB021	424	'446633897_/_8120062_2'	0.6	2.1	10	8	0.5	3.3	2.6 No	0.5	Element Fault
WAB021	425	'446633987_/_446634006'	0.6	2.1	10	8	0.5	3.29	2.6 No	0.5	Element Fault
WAB021	426	'1159532_/_1159529'	0.27	0.7	0.57	2.664	1.3	1.07	0.87 No	0.27	Primary Over-Voltage
WAB021	427	'446633924_/_446634032'	0.6	2.1	10	8	0.5	3.28	2.6 No	0.5	Element Fault
WAB021	428	'1164150_/_423321763'	0.4	1.33	0.87	5.336	3	2.14	1.73 No	0.4	Primary Over-Voltage
WAB021	429	'42965344_/_1164034'	0.27	0.7	1.3	2.664	1	1.09	0.87 No	0.27	Primary Over-Voltage
WAB021	430	'1156676_/_1156673'	0.27	0.67	0.83	2.664	0.2	1.08	0.87 No	0.2	Element Fault
WAB021	431	'1157320_/_1157330'	0.23	0.7	3.33	2.664	1	1.05	0.87 No	0.23	Primary Over-Voltage
WAB021	432	'1164011_/_1164021'	0.27	0.67	1.3	2.664	1	1.06	0.87 No	0.27	Primary Over-Voltage
WAB021	433	'1184122_/_423321786'	0.4	1.27	0.87	5.336	3	2.06	1.73 No	0.4	Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
WAB021	434	'1159545_/_1159542'	0.27	0.67	0.57	2.664	1.3	1.02	0.87 No	0.27	Primary Over-Voltage
WAB021	435	'7830921_/_7830918_2'	0.27	0.63	0.57	2.664	1.3	1.02	0.87 No	0.27	Primary Over-Voltage
WAB021	436	'1163995_/_1164008'	0.27	0.67	1.3	2.664	1	1.04	0.87 No	0.27	Primary Over-Voltage
WAB021	437	'467990129_/_1164060_1'	0.27	0.67	1.3	2.664	0.1	1.04	0.87 No	0.1	Element Fault
WAB021	438	'1156689_/_1156686'	0.23	0.63	0.83	2.664	0.2	1.03	0.87 No	0.2	Element Fault
WAB021	439	'1164063_/_1164060_2'	0.27	0.63	1.3	2.664	0.1	1.03	0.87 No	0.1	Element Fault
WAB021	440	'1182542_/_422237673'	0.4	1.27	0.8	5.336	3	1.99	1.73 No	0.4	Primary Over-Voltage
WAB021	441	'1157307_/_1157317'	0.23	0.63	3.33	2.664	1	1	0.87 No	0.23	Primary Over-Voltage
WAB021	442	'60632017_/_446633928_1'	0.6	1.9	10	8	0.5	3.04	2.6 No	0.5	Element Fault
WAB021	443	'7830920_/_7830918_1'	0.27	0.63	0.57	2.664	0.1	0.99	0.87 No	0.1	Element Fault
WAB021	444	'42965333_/_1163992'	0.27	0.63	1.3	2.664	1	1.02	0.87 No	0.27	Primary Over-Voltage
WAB021	445	'1182528_/_1182525_2'	0.4	1.27	0.8	5.336	2.1	1.98	1.73 No	0.4	Primary Over-Voltage
WAB021	446	'1164079_/_1164076'	0.27	0.63	1.3	2.664	0.1	1.01	0.87 No	0.1	Element Fault
WAB021	447	'42965379_/_1159686'	0.27	0.63	0.57	2.664	1.3	0.97	0.87 No	0.27	Primary Over-Voltage
WAB021	448	'9377145_/_9689122'	0.6	1.9	10	8	0.5	2.98	2.6 No	0.5	Element Fault
WAB021	449	'1182543_/_42966792'	0.2	0.6	0.4	2.664	1.4	0.97	0.87 No	0.2	Primary Over-Voltage
WAB021	450	'7155865_/_1163979'	0.27	0.63	1.33	2.664	1	0.99	0.87 No	0.27	Primary Over-Voltage
WAB021	451	'7155866_/_7155863'	0.23	0.6	1.33	2.664	1	0.98	0.87 No	0.23	Primary Over-Voltage
WAB021	452	'1163859_/_1163963'	0.23	0.6	1.33	2.664	1	0.98	0.87 No	0.23	Primary Over-Voltage
WAB021	453	'1164136_/_1182525_1'	0.33	1.2	0.8	5.336	2.1	1.91	1.73 No	0.33	Primary Over-Voltage
WAB021	454	'1157306_/_1157304'	0.23	0.6	3.33	2.664	1	0.96	0.87 No	0.23	Primary Over-Voltage
WAB021	455	'8463386_/_8463384'	0.27	0.6	0.57	2.664	0.1	0.94	0.87 No	0.1	Element Fault
WAB021	456	'1159676_/_1159673'	0.27	0.6	0.57	2.664	1.3	0.94	0.87 No	0.27	Primary Over-Voltage
WAB021	457	'1163846_/_1163856'	0.23	0.6	1.33	2.664	1	0.96	0.87 No	0.23	Primary Over-Voltage
WAB021	458	'1157294_/_1180351'	0.2	0.6	3.33	2.664	1	0.92	0.87 No	0.2	Primary Over-Voltage
WAB021	459	'1163833_/_1163843'	0.23	0.57	1.33	2.664	1	0.93	0.87 No	0.23	Primary Over-Voltage
WAB021	460	'414523793_/_1157359_1'	0.2	0.6	3.33	2.664	0.1	0.92	0.87 No	0.1	Element Fault
WAB021	461	'1164135_/_1164133'	0.33	1.13	0.73	5.336	2.1	1.8	1.73 No	0.33	Primary Over-Voltage
WAB021	462	'42965390_/_1159712'	0.23	0.57	0.57	2.664	1	0.89	0.87 No	0.23	Primary Over-Voltage
WAB021	463	'42965289_/_42965291'	0.23	0.57	1.33	2.664	1	0.91	0.87 No	0.23	Primary Over-Voltage
WAB021	464	'42962714_/_1157359_2'	0.2	0.57	3.33	2.664	0.1	0.88	0.87 No	0.1	Element Fault
WAB021	465	'1157281_/_1157291'	0.2	0.57	3.33	2.664	1	0.88	0.87 No	0.2	Primary Over-Voltage
WAB021	466	'1163807_/_1163817'	0.23	0.53	1.37	2.664	1	0.89	0.87 No	0.23	Primary Over-Voltage
WAB021	467	'42962725_/_1157375'	0.2	0.53	3.33	2.664	0.1	0.86	0.87 No	0.1	Element Fault
WAB021	468	'1177662_/_1177674'	0.33	1.07	0.67	5.336	2.1	1.72	1.73 No	0.33	Primary Over-Voltage
WAB021	469	'1159557_/_1159699'	0.23	0.53	0.57	2.664	1	0.85	0.87 No	0.23	Primary Over-Voltage
WAB021	470	'1163794_/_1163804'	0.23	0.53	1.37	2.664	1	0.86	0.87 No	0.23	Primary Over-Voltage
WAB021	471	'1157378_/_42962727'	0.2	0.53	3.33	2.664	0.1	0.84	0.87 No	0.1	Element Fault
WAB021	472	'1164118_/_1177659'	0.33	1	0.67	5.336	2.1	1.68	1.73 No	0.33	Primary Over-Voltage
WAB021	473	'1157268_/_1157278'	0.2	0.53	3.33	2.664	1	0.83	0.87 No	0.2	Primary Over-Voltage
WAB021	474	'1163781_/_1163791'	0.23	0.53	1.37	2.664	1	0.85	0.87 No	0.23	Primary Over-Voltage
WAB021	475	'414523822_/_1157343_1'	0.2	0.53	3.33	2.664	0.1	0.83	0.87 No	0.1	Element Fault
WAB021	476	'1159558_/_1159555'	0.2	0.5	0.57	2.664	1	0.81	0.87 No	0.2	Primary Over-Voltage
WAB021	477	'1163768_/_1163778'	0.2	0.5	1.37	2.664	1	0.83	0.87 No	0.2	Primary Over-Voltage
WAB021	478	'42965401_/_1159741'	0.2	0.5	0.57	2.664	1	0.8	0.87 No	0.2	Primary Over-Voltage
WAB021	479	'1157346_/_1157343_2'	0.2	0.5	3.33	2.664	0.1	0.81	0.87 No	0.1	Element Fault
WAB021	480	'1157255_/_1157265'	0.2	0.5	3.33	2.664	1	0.8	0.87 No	0.2	Primary Over-Voltage
WAB021	481	'1163767_/_1163765'	0.2	0.5	1.4	2.664	1	0.81	0.87 No	0.2	Primary Over-Voltage
WAB021	482	'1164117_/_1164115'	0.33	0.93	0.6	5.336	2.1	1.59	1.73 No	0.33	Primary Over-Voltage
WAB021	483	'1159728_/_1159725'	0.2	0.5	0.57	2.664	1	0.79	0.87 No	0.2	Primary Over-Voltage
WAB021	484	'42963382_/_1172365'	0.2	0.5	1.4	2.664	1	0.8	0.87 No	0.2	Primary Over-Voltage
WAB021	485	'1168889_/_1168886'	0.2	0.5	0.57	2.664	1	0.78	0.87 No	0.2	Primary Over-Voltage
WAB021	486	'1172342_/_1172352'	0.2	0.47	1.4	2.664	1	0.79	0.87 No	0.2	Primary Over-Voltage
WAB021	487	'1157242_/_1157252'	0.17	0.47	3.33	2.664	1	0.77	0.87 No	0.17	Primary Over-Voltage
WAB021	488	'1172329_/_1172339'	0.2	0.47	1.4	2.664	1	0.77	0.87 No	0.2	Primary Over-Voltage
WAB021	489	'1159817_/_1167759'	0.27	0.93	0.6	5.336	2.1	1.53	1.73 No	0.27	Primary Over-Voltage
WAB021	490	'1168902_/_1168899'	0.2	0.47	0.57	2.664	1	0.75	0.87 No	0.2	Primary Over-Voltage
WAB021	491	'1172316_/_1172326'	0.2	0.47	1.43	2.664	1	0.76	0.87 No	0.2	Primary Over-Voltage
WAB021	492	'1159802_/_1159814'	0.27	0.87	0.6	5.336	2.1	1.49	1.73 No	0.27	Primary Over-Voltage
WAB021	493	'1140273_/_1157239'	0.17	0.47	3.33	2.664	1	0.74	0.87 No	0.17	Primary Over-Voltage
WAB021	494	'42963371_/_1172313'	0.2	0.47	1.43	2.664	1	0.75	0.87 No	0.2	Primary Over-Voltage
WAB021	495	'422538252_/_410170658_1'	0.17	0.47	3.33	2.664	0.1	0.74	0.87 No	0.1	Element Fault
WAB021	496	'1168915_/_1168912'	0.2	0.43	0.6	2.664	1	0.72	0.87 No	0.2	Primary Over-Voltage
WAB021	497	'410170661_/_410170658_2'	0.17	0.47	3.33	2.664	0.1	0.73	0.87 No	0.1	Element Fault
WAB021	498	'451109786_/_451109788'	0.27	0.87	0.53	5.336	2.1	1.45	1.73 No	0.27	Primary Over-Voltage
WAB021	499	'1172274_/_1172300'	0.2	0.43	1.43	2.664	1	0.73	0.87 No	0.2	Primary Over-Voltage
WAB021	500	'1172248_/_1172284'	0.2	0.43	1.43	2.664	1	0.73	0.87 No	0.2	Primary Over-Voltage
WAB021	501	'1140258_/_1140271'	0.17	0.43	3.33	2.664	1	0.72	0.87 No	0.17	Primary Over-Voltage
WAB021	502	'1172261_/_1172271'	0.2	0.43	1.43	2.664	1	0.73	0.87 No	0.2	Primary Over-Voltage
WAB021	503	'394540366_/_1172391'	0.2	0.43	1.43	2.664	1	0.73	0.87 No	0.2	Primary Over-Voltage
WAB021	504	'410170793_/_410170790'	0.17	0.43	3.33	2.664	0.1	0.71	0.87 No	0.1	Element Fault
WAB021	505	'1172260_/_1172258'	0.2	0.43	1.47	2.664	1	0.72	0.87 No	0.2	Primary Over-Voltage
WAB021	506	'1163871_/_394540368'	0.2	0.43	1.47	2.664	1	0.72	0.87 No	0.2	Primary Over-Voltage
WAB021	507	'1172247_/_1172245'	0.2	0.43	1.47	2.664	1	0.72	0.87 No	0.2	Primary Over-Voltage
WAB021	508	'1140257_/_42962773'	0.17	0.43	3.33	2.664	1	0.71	0.87 No	0.17	Primary Over-Voltage
WAB021	509	'1159787_/_1159799'	0.27	0.87	0.53	5.336	2.1	1.41	1.73 No	0.27	Primary Over-Voltage
WAB021	510	'410170809_/_410170806'	0.17	0.43	3.33	2.664	0.1	0.7	0.87 No	0.1	Element Fault
WAB021	511	'1172380_/_1173503'	0.2	0.43	1.47	2.664	1	0.71	0.87 No	0.2	Primary Over-Voltage
WAB021	512	'1163872_/_1163869'	0.2	0.43	1.47	2.664	1	0.71	0.87 No	0.2	Primary Over-Voltage
WAB021	513	'1168928_/_1168925'	0.2	0.43	0.6	2.664	1	0.69	0.87 No	0.2	Primary Over-Voltage
WAB021	514	'1168993_/_1168990'	0.17	0.43	3.33	2.664	1	0.7	0.87 No	0.17	Primary Over-Voltage
WAB021	515	'410170825_/_410170822'	0.17	0.43	3.33	2.664	0.1	0.69	0.87 No	0.1	Element Fault
WAB021	516	'1173480_/_1173490'	0.17	0.43	1.47	2.664	1	0.7	0.87 No	0.17	Primary Over-Voltage
WAB021	517	'1163885_/_1163882'	0.17	0.43	1.47	2.664	1	0.69	0.87 No	0.17	Primary Over-Voltage
WAB021	518	'1172381_/_1172378'	0.17	0.43	1.47	2.664	1	0.69	0.87 No	0.17	Primary Over-Voltage
WAB021	519	'410170841_/_410170838'	0.17	0.43	3.33	2.664	0.1	0.68	0.87 No	0.1	Element Fault
WAB021	520	'1163898_/_1163895'	0.17	0.4	1.5	2.664	1	0.68	0.87 No	0.17	Primary Over-Voltage
WAB021	521	'1168966_/_1168977'	0.17	0.4	0.6	2.664	1	0.67	0.87 No	0.17	Primary Over-Voltage
WAB021	522	'42963393_/_1172404'	0.17	0.4	1.5	2.664	1	0.68	0.87 No	0.17	Primary Over-Voltage
WAB021	523	'1159772_/_1159784'	0.27	0.8	0.53	5.336	2.1	1.35	1.73 No	0.27	Primary Over-Voltage
WAB021	524	'42963594_/_1173477'	0.17	0.4	1.5	2.664	1	0.68	0.87 No	0.17	Primary Over-Voltage
WAB021	525	'1140231_/_1169003'	0.17	0.4	3.33	2.664	1	0.67	0.87 No	0.17	Primary Over-Voltage
WAB021	526	'1169165_/_1169175_1'	0.13	0.4	0.27	2.664	0.2	0.67	0.87 No	0.13	Primary Over-Voltage
WAB021	527	'42965300_/_1163908'	0.17	0.4	1.5	2.664	1	0.67	0.87 No	0.17	Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
WAB021	528	'1172423_/_42963395'	0.17	0.4	1.5	2.664	1	0.67	0.87 No	0.17	Primary Over-Voltage
WAB021	529	'1163736_/_1173461'	0.17	0.4	1.5	2.664	1	0.66	0.87 No	0.17	Primary Over-Voltage
WAB021	530	'1159757_/_1159769'	0.27	0.8	0.53	5.336	2.1	1.31	1.73 No	0.27	Primary Over-Voltage
WAB021	531	'1163924_/_1163921'	0.17	0.4	1.53	2.664	1	0.66	0.87 No	0.17	Primary Over-Voltage
WAB021	532	'1172439_/_1172436'	0.17	0.4	1.53	2.664	1	0.66	0.87 No	0.17	Primary Over-Voltage
WAB021	533	'1168953_/_1168964'	0.17	0.4	0.6	2.664	1	0.65	0.87 No	0.17	Primary Over-Voltage
WAB021	534	'1163723_/_1163733'	0.17	0.4	1.53	2.664	1	0.66	0.87 No	0.17	Primary Over-Voltage
WAB021	535	'1163752_/_1163749'	0.17	0.4	1.53	2.664	1	0.65	0.87 No	0.17	Primary Over-Voltage
WAB021	536	'1140232_/_1140229'	0.17	0.4	3.33	2.664	1	0.65	0.87 No	0.17	Primary Over-Voltage
WAB021	537	'1163681_/_1163720'	0.17	0.4	1.53	2.664	1	0.64	0.87 No	0.17	Primary Over-Voltage
WAB021	538	'42965311_/_1163947'	0.17	0.4	1.53	2.664	1	0.64	0.87 No	0.17	Primary Over-Voltage
WAB021	539	'1163668_/_1163665_2'	0.17	0.4	1.53	2.664	1	0.64	0.87 No	0.17	Primary Over-Voltage
WAB021	540	'1159831_/_1169175_2'	0.13	0.37	0.27	2.664	0.2	0.63	0.87 No	0.13	Primary Over-Voltage
WAB021	541	'1159756_/_1159754'	0.27	0.73	0.47	5.336	2.1	1.26	1.73 No	0.27	Primary Over-Voltage
WAB021	542	'1163937_/_1163934'	0.17	0.37	1.57	2.664	1	0.64	0.87 No	0.17	Primary Over-Voltage
WAB021	543	'150115465_/_1159855_1'	0.13	0.37	0.23	2.664	0.1	0.63	0.87 No	0.1	Element Fault
WAB021	544	'1163655_/_1163665_1'	0.17	0.37	1.57	2.664	1	0.63	0.87 No	0.17	Primary Over-Voltage
WAB021	545	'1163694_/_1163707'	0.17	0.37	1.57	2.664	1	0.63	0.87 No	0.17	Primary Over-Voltage
WAB021	546	'1168940_/_1168951'	0.17	0.37	0.6	2.664	1	0.62	0.87 No	0.17	Primary Over-Voltage
WAB021	547	'1159832_/_1159829'	0.13	0.37	0.27	2.664	0.2	0.62	0.87 No	0.13	Primary Over-Voltage
WAB021	548	'1140245_/_1140242'	0.13	0.37	3.33	2.664	1	0.62	0.87 No	0.13	Primary Over-Voltage
WAB021	549	'1163693_/_1163691'	0.17	0.37	1.57	2.664	1	0.62	0.87 No	0.17	Primary Over-Voltage
WAB021	550	'1181778_/_1181816'	0.27	0.73	0.47	5.336	2.1	1.23	1.73 No	0.27	Primary Over-Voltage
WAB021	551	'1163642_/_1163652'	0.17	0.37	1.6	2.664	1	0.62	0.87 No	0.17	Primary Over-Voltage
WAB021	552	'42963203_/_1140297'	0.13	0.37	3.33	2.664	1	0.61	0.87 No	0.13	Primary Over-Voltage
WAB021	553	'1159845_/_1159842'	0.13	0.37	0.27	2.664	0.2	0.61	0.87 No	0.13	Primary Over-Voltage
WAB021	554	'1166389_/_1168938'	0.17	0.37	0.6	2.664	1	0.6	0.87 No	0.17	Primary Over-Voltage
WAB021	555	'1159858_/_1159855_2'	0.13	0.37	0.23	2.664	0.1	0.61	0.87 No	0.1	Element Fault
WAB021	556	'1181763_/_1181775'	0.27	0.73	0.47	5.336	2.1	1.21	1.73 No	0.27	Primary Over-Voltage
WAB021	557	'1140287_/_1140284'	0.13	0.37	3.33	2.664	1	0.6	0.87 No	0.13	Primary Over-Voltage
WAB021	558	'1181792_/_1181831'	0.13	0.37	0.23	2.664	1	0.6	0.87 No	0.13	Primary Over-Voltage
WAB021	559	'1166390_/_1166387'	0.17	0.37	0.6	2.664	1	0.6	0.87 No	0.17	Primary Over-Voltage
WAB021	560	'1163590_/_1163639'	0.17	0.37	1.6	2.664	1	0.6	0.87 No	0.17	Primary Over-Voltage
WAB021	561	'1140300_/_42963205'	0.13	0.37	3.33	2.664	1	0.6	0.87 No	0.13	Primary Over-Voltage
WAB021	562	'1140313_/_1140310'	0.13	0.37	3.33	2.664	1	0.59	0.87 No	0.13	Primary Over-Voltage
WAB021	563	'261460287_/_1181803_1'	0.13	0.33	0.23	2.664	1	0.59	0.87 No	0.13	Primary Over-Voltage
WAB021	564	'1181748_/_1181760'	0.27	0.67	0.47	5.336	2.1	1.18	1.73 No	0.27	Primary Over-Voltage
WAB021	565	'261460293_/_1181803_2'	0.13	0.33	0.23	2.664	1	0.59	0.87 No	0.13	Primary Over-Voltage
WAB021	566	'1163577_/_1163587'	0.17	0.37	1.63	2.664	1	0.59	0.87 No	0.17	Primary Over-Voltage
WAB021	567	'1163616_/_1163626'	0.17	0.37	1.63	2.664	1	0.59	0.87 No	0.17	Primary Over-Voltage
WAB021	568	'42963192_/_1166682'	0.17	0.37	0.6	2.664	1	0.58	0.87 No	0.17	Primary Over-Voltage
WAB021	569	'1140326_/_1140323'	0.13	0.37	3.33	2.664	1	0.58	0.87 No	0.13	Primary Over-Voltage
WAB021	570	'1181730_/_1181745'	0.27	0.67	0.4	5.336	2.1	1.15	1.73 No	0.27	Primary Over-Voltage
WAB021	571	'1163561_/_1163574'	0.13	0.33	1.67	2.664	1	0.58	0.87 No	0.13	Primary Over-Voltage
WAB021	572	'7520391_/_8780798_2'	0.13	0.33	1.67	2.664	1	0.58	0.87 No	0.13	Primary Over-Voltage
WAB021	573	'1163603_/_1163613'	0.13	0.33	1.7	2.664	1	0.58	0.87 No	0.13	Primary Over-Voltage
WAB021	574	'1181806_/_261460297'	0.13	0.33	0.23	2.664	1	0.57	0.87 No	0.13	Primary Over-Voltage
WAB021	575	'1166672_/_1166669'	0.13	0.33	0.6	2.664	1	0.56	0.87 No	0.13	Primary Over-Voltage
WAB021	576	'1140339_/_1140336'	0.13	0.33	3.33	2.664	1	0.56	0.87 No	0.13	Primary Over-Voltage
WAB021	577	'1163548_/_1163558'	0.13	0.33	1.7	2.664	1	0.57	0.87 No	0.13	Primary Over-Voltage
WAB021	578	'1163602_/_1163600'	0.13	0.33	1.73	2.664	1	0.56	0.87 No	0.13	Primary Over-Voltage
WAB021	579	'1181715_/_1181727'	0.27	0.67	0.4	5.336	2.1	1.12	1.73 No	0.27	Primary Over-Voltage
WAB021	580	'8780801_/_8780798_1'	0.13	0.33	1.73	2.664	0.1	0.56	0.87 No	0.1	Element Fault
WAB021	581	'1140352_/_1140349'	0.13	0.33	3.33	2.664	1	0.55	0.87 No	0.13	Primary Over-Voltage
WAB021	582	'1166698_/_1166695'	0.13	0.33	0.6	2.664	1	0.55	0.87 No	0.13	Primary Over-Voltage
WAB021	583	'1163260_/_1181917'	0.13	0.33	0.23	2.664	1	0.55	0.87 No	0.13	Primary Over-Voltage
WAB021	584	'1181700_/_1181712'	0.2	0.67	0.4	5.336	2.1	1.1	1.73 No	0.2	Primary Over-Voltage
WAB021	585	'1164091_/_1164102'	0.13	0.33	1.77	2.664	1	0.55	0.87 No	0.13	Primary Over-Voltage
WAB021	586	'1163532_/_1163545'	0.13	0.33	1.8	2.664	1	0.55	0.87 No	0.13	Primary Over-Voltage
WAB021	587	'1164092_/_1164089'	0.13	0.33	1.83	2.664	1	0.54	0.87 No	0.13	Primary Over-Voltage
WAB021	588	'1140365_/_1140362'	0.13	0.33	3.33	2.664	1	0.54	0.87 No	0.13	Primary Over-Voltage
WAB021	589	'1163247_/_1163257'	0.13	0.3	0.23	2.664	1	0.54	0.87 No	0.13	Primary Over-Voltage
WAB021	590	'1181685_/_1181697'	0.2	0.6	0.4	5.336	2.1	1.07	1.73 No	0.2	Primary Over-Voltage
WAB021	591	'42965267_/_1163529'	0.13	0.33	1.9	2.664	1	0.54	0.87 No	0.13	Primary Over-Voltage
WAB021	592	'1166522_/_1166708'	0.13	0.33	0.6	2.664	1	0.53	0.87 No	0.13	Primary Over-Voltage
WAB021	593	'42965899_/_1177786'	0.13	0.3	3.33	2.664	1	0.52	0.87 No	0.13	Primary Over-Voltage
WAB021	594	'1163234_/_1163244'	0.13	0.3	0.23	2.664	1	0.52	0.87 No	0.13	Primary Over-Voltage
WAB021	595	'1166724_/_1166721'	0.13	0.3	0.6	2.664	1	0.52	0.87 No	0.13	Primary Over-Voltage
WAB021	596	'1181684_/_1181682'	0.2	0.6	0.4	5.336	2.1	1.04	1.73 No	0.2	Primary Over-Voltage
WAB021	597	'1177747_/_1177744'	0.13	0.3	3.33	2.664	1	0.51	0.87 No	0.13	Primary Over-Voltage
WAB021	598	'1163503_/_1163516'	0.13	0.3	3.33	2.664	1	0.52	0.87 No	0.13	Primary Over-Voltage
WAB021	599	'7201037_/_7831030_1'	0.13	0.3	3.33	2.664	0.1	0.51	0.87 No	0.1	Element Fault
WAB021	600	'1163221_/_1163231'	0.13	0.3	0.23	2.664	1	0.51	0.87 No	0.13	Primary Over-Voltage
WAB021	601	'42963181_/_1166734'	0.13	0.3	0.6	2.664	1	0.51	0.87 No	0.13	Primary Over-Voltage
WAB021	602	'1166737_/_1166747_1'	0.13	0.3	0.6	2.664	1	0.51	0.87 No	0.13	Primary Over-Voltage
WAB021	603	'1166523_/_1166520'	0.13	0.3	0.6	2.664	1	0.51	0.87 No	0.13	Primary Over-Voltage
WAB021	604	'1181981_/_1181993'	0.2	0.6	0.4	5.336	2.1	1.02	1.73 No	0.2	Primary Over-Voltage
WAB021	605	'1163208_/_1163218'	0.13	0.3	0.23	2.664	1	0.51	0.87 No	0.13	Primary Over-Voltage
WAB021	606	'1177801_/_1177812'	0.13	0.3	3.33	2.664	1	0.5	0.87 No	0.13	Primary Over-Voltage
WAB021	607	'1181951_/_1181963'	0.2	0.6	0.4	5.336	2.1	1.01	1.73 No	0.2	Primary Over-Voltage
WAB021	608	'8463542_/_8463540_1'	0.13	0.3	3.33	2.664	0.1	0.5	0.87 No	0.1	Element Fault
WAB021	609	'139178962_/_7795013_1'	0.1	0.3	0.2	2.664	0.1	0.5	0.87 No	0.1	Primary Over-Voltage
WAB021	610	'1163490_/_1163500'	0.13	0.3	3.33	2.664	1	0.5	0.87 No	0.13	Primary Over-Voltage
WAB021	611	'1166750_/_1166747_2'	0.13	0.3	0.6	2.664	1	0.5	0.87 No	0.13	Primary Over-Voltage
WAB021	612	'1166536_/_1166533'	0.13	0.3	0.6	2.664	1	0.49	0.87 No	0.13	Primary Over-Voltage
WAB021	613	'1177759_/_1177799'	0.13	0.3	3.33	2.664	1	0.49	0.87 No	0.13	Primary Over-Voltage
WAB021	614	'1181670_/_1181948'	0.2	0.53	0.33	5.336	2.1	0.99	1.73 No	0.2	Primary Over-Voltage
WAB021	615	'1163195_/_1163205'	0.13	0.3	0.23	2.664	1	0.49	0.87 No	0.13	Primary Over-Voltage
WAB021	616	'8463543_/_8463540_2'	0.1	0.3	3.33	2.664	0.1	0.49	0.87 No	0.1	Primary Over-Voltage
WAB021	617	'7831033_/_7831030_2'	0.1	0.3	3.33	2.664	0.1	0.49	0.87 No	0.1	Primary Over-Voltage
WAB021	618	'42965910_/_1177757'	0.1	0.3	3.33	2.664	1	0.49	0.87 No	0.1	Primary Over-Voltage
WAB021	619	'1166763_/_1166760'	0.13	0.3	0.6	2.664	1	0.48	0.87 No	0.13	Primary Over-Voltage
WAB021	620	'1163489_/_1163487'	0.13	0.3	3.33	2.664	1	0.49	0.87 No	0.13	Primary Over-Voltage
WAB021	621	'1163182_/_1163192'	0.13	0.27	0.23	2.664	1	0.48	0.87 No	0.13	Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
WAB021	622	'1181655_/_1181667'		0.2	0.53	0.33	5.336	2.1	0.97	1.73 No	0.2 Primary Over-Voltage
WAB021	623	'1177760_/_42965912'		0.1	0.3	3.33	2.664	1	0.48	0.87 No	0.1 Primary Over-Voltage
WAB021	624	'1166549_/_1166546'		0.13	0.3	0.6	2.664	1	0.48	0.87 No	0.13 Primary Over-Voltage
WAB021	625	'1140416_/_1177773'		0.1	0.3	3.33	2.664	1	0.48	0.87 No	0.1 Primary Over-Voltage
WAB021	626	'7795016_/_7795013_2'		0.1	0.27	0.2	2.664	0.1	0.48	0.87 No	0.1 Primary Over-Voltage
WAB021	627	'1163448_/_1167665'		0.13	0.3	3.33	2.664	1	0.48	0.87 No	0.13 Primary Over-Voltage
WAB021	628	'1166402_/_1166773'		0.13	0.27	0.63	2.664	1	0.47	0.87 No	0.13 Primary Over-Voltage
WAB021	629	'1166562_/_1166559'		0.13	0.27	0.63	2.664	1	0.47	0.87 No	0.13 Primary Over-Voltage
WAB021	630	'1181640_/_1181652'		0.2	0.53	0.33	5.336	2.1	0.94	1.73 No	0.2 Primary Over-Voltage
WAB021	631	'1163169_/_1163179'		0.13	0.27	0.23	2.664	1	0.47	0.87 No	0.13 Primary Over-Voltage
WAB021	632	'42965212_/_1163445'		0.13	0.27	3.33	2.664	1	0.47	0.87 No	0.13 Primary Over-Voltage
WAB021	633	'1140377_/_1140414'		0.1	0.27	3.33	2.664	1	0.47	0.87 No	0.1 Primary Over-Voltage
WAB021	634	'463667659_/_1140388_1'		0.1	0.27	3.33	2.664	0.1	0.47	0.87 No	0.1 Primary Over-Voltage
WAB021	635	'1140378_/_1140375_1'		0.1	0.27	3.33	2.664	0.1	0.46	0.87 No	0.1 Primary Over-Voltage
WAB021	636	'1163156_/_1163166'		0.13	0.27	0.23	2.664	1	0.46	0.87 No	0.13 Primary Over-Voltage
WAB021	637	'1140404_/_1140375_2'		0.1	0.27	3.33	2.664	0.1	0.46	0.87 No	0.1 Primary Over-Voltage
WAB021	638	'1166575_/_1166572'		0.1	0.27	0.63	2.664	1	0.46	0.87 No	0.1 Primary Over-Voltage
WAB021	639	'1163422_/_1163432'		0.1	0.27	3.33	2.664	1	0.46	0.87 No	0.1 Primary Over-Voltage
WAB021	640	'1181625_/_1181637'		0.2	0.53	0.33	5.336	2.1	0.92	1.73 No	0.2 Primary Over-Voltage
WAB021	641	'1141045_/_1140388_2'		0.1	0.27	3.33	2.664	0.1	0.46	0.87 No	0.1 Primary Over-Voltage
WAB021	642	'1166416_/_1166413'		0.13	0.27	0.63	2.664	1	0.45	0.87 No	0.13 Primary Over-Voltage
WAB021	643	'1163409_/_1163419'		0.1	0.27	3.33	2.664	1	0.45	0.87 No	0.1 Primary Over-Voltage
WAB021	644	'1163143_/_1163153'		0.13	0.27	0.23	2.664	1	0.45	0.87 No	0.13 Primary Over-Voltage
WAB021	645	'1166588_/_1166585'		0.1	0.27	0.63	2.664	1	0.45	0.87 No	0.1 Primary Over-Voltage
WAB021	646	'1181624_/_1181622'		0.2	0.53	0.33	5.336	2.1	0.9	1.73 No	0.2 Primary Over-Voltage
WAB021	647	'42966927_/_1141068'		0.1	0.27	3.33	2.664	0.1	0.45	0.87 No	0.1 Primary Over-Voltage
WAB021	648	'1149682_/_1149881'		0.1	0.27	3.33	2.664	0.1	0.45	0.87 No	0.1 Primary Over-Voltage
WAB021	649	'61370135_/_61369868_1'		0.1	0.27	3.33	2.664	0.1	0.45	0.87 No	0.1 Primary Over-Voltage
WAB021	650	'1141087_/_1141042'		0.1	0.27	3.33	2.664	0.1	0.45	0.87 No	0.1 Primary Over-Voltage
WAB021	651	'1166429_/_1166426'		0.1	0.27	0.63	2.664	1	0.44	0.87 No	0.1 Primary Over-Voltage
WAB021	652	'61369894_/_61369868_2'		0.1	0.27	3.33	2.664	0.1	0.44	0.87 No	0.1 Primary Over-Voltage
WAB021	653	'42965201_/_1163140'		0.13	0.27	0.23	2.664	1	0.44	0.87 No	0.13 Primary Over-Voltage
WAB021	654	'42963170_/_1166439'		0.1	0.27	0.63	2.664	1	0.44	0.87 No	0.1 Primary Over-Voltage
WAB021	655	'1141086_/_1141084'		0.1	0.27	3.33	2.664	0.1	0.44	0.87 No	0.1 Primary Over-Voltage
WAB021	656	'1166601_/_1166598'		0.1	0.27	0.63	2.664	1	0.44	0.87 No	0.1 Primary Over-Voltage
WAB021	657	'1149683_/_1149680'		0.1	0.27	3.33	2.664	0.1	0.44	0.87 No	0.1 Primary Over-Voltage
WAB021	658	'56685105_/_1163406'		0.1	0.27	3.33	2.664	1	0.44	0.87 No	0.1 Primary Over-Voltage
WAB021	659	'61369899_/_61369896'		0.1	0.27	3.33	2.664	0.1	0.44	0.87 No	0.1 Primary Over-Voltage
WAB021	660	'61370003_/_61369963_1'		0.1	0.27	3.33	2.664	0.1	0.44	0.87 No	0.1 Primary Over-Voltage
WAB021	661	'1166455_/_42963172'		0.1	0.27	0.63	2.664	1	0.43	0.87 No	0.1 Primary Over-Voltage
WAB021	662	'1181890_/_1181930'		0.2	0.47	0.33	5.336	2.1	0.87	1.73 No	0.2 Primary Over-Voltage
WAB021	663	'421599450_/_421599394_1'		0.1	0.23	0.17	2.664	0.1	0.43	0.87 No	0.1 Primary Over-Voltage
WAB021	664	'61369956_/_61369963_2'		0.1	0.27	3.33	2.664	0.1	0.43	0.87 No	0.1 Primary Over-Voltage
WAB021	665	'1163117_/_1163127'		0.13	0.23	0.23	2.664	1	0.43	0.87 No	0.13 Primary Over-Voltage
WAB021	666	'1163383_/_1163393'		0.1	0.27	3.33	2.664	1	0.43	0.87 No	0.1 Primary Over-Voltage
WAB021	667	'1149657_/_1149667'		0.1	0.27	3.33	2.664	0.1	0.43	0.87 No	0.1 Primary Over-Voltage
WAB021	668	'1149699_/_1149696'		0.1	0.27	3.33	2.664	0.1	0.43	0.87 No	0.1 Primary Over-Voltage
WAB021	669	'61369983_/_61369990'		0.1	0.27	3.33	2.664	0.1	0.43	0.87 No	0.1 Primary Over-Voltage
WAB021	670	'1163370_/_1163380'		0.1	0.27	3.33	2.664	1	0.43	0.87 No	0.1 Primary Over-Voltage
WAB021	671	'1163104_/_1163114'		0.13	0.23	0.23	2.664	1	0.43	0.87 No	0.13 Primary Over-Voltage
WAB021	672	'1181875_/_1181887'		0.2	0.47	0.33	5.336	2.1	0.85	1.73 No	0.2 Primary Over-Voltage
WAB021	673	'1166614_/_1166611'		0.1	0.27	0.63	2.664	1	0.42	0.87 No	0.1 Primary Over-Voltage
WAB021	674	'421599397_/_421599394_2'		0.1	0.23	0.17	2.664	0.1	0.42	0.87 No	0.1 Primary Over-Voltage
WAB021	675	'1163357_/_1163367'		0.1	0.23	3.33	2.664	1	0.42	0.87 No	0.1 Primary Over-Voltage
WAB021	676	'1181860_/_1181872'		0.2	0.47	0.33	5.336	2.1	0.84	1.73 No	0.2 Primary Over-Voltage
WAB021	677	'1149712_/_1149709'		0.1	0.23	3.33	2.664	0.1	0.42	0.87 No	0.1 Primary Over-Voltage
WAB021	678	'1149656_/_1149654'		0.1	0.23	3.33	2.664	0.1	0.42	0.87 No	0.1 Primary Over-Voltage
WAB021	679	'1166468_/_1166465'		0.1	0.23	0.63	2.664	1	0.42	0.87 No	0.1 Primary Over-Voltage
WAB021	680	'1163091_/_1163101'		0.13	0.23	0.23	2.664	1	0.42	0.87 No	0.13 Primary Over-Voltage
WAB021	681	'1166626_/_1166637'		0.1	0.23	0.63	2.664	1	0.42	0.87 No	0.1 Primary Over-Voltage
WAB021	682	'1149725_/_1149722'		0.1	0.23	3.33	2.664	0.1	0.41	0.87 No	0.1 Primary Over-Voltage
WAB021	683	'1163344_/_1163354'		0.1	0.23	3.33	2.664	1	0.42	0.87 No	0.1 Primary Over-Voltage
WAB021	684	'1181859_/_1181857'		0.2	0.47	0.27	5.336	2.1	0.82	1.73 No	0.2 Primary Over-Voltage
WAB021	685	'1149858_/_1149855'		0.1	0.23	3.33	2.664	0.1	0.41	0.87 No	0.1 Primary Over-Voltage
WAB021	686	'1166481_/_1166478'		0.1	0.23	0.63	2.664	1	0.41	0.87 No	0.1 Primary Over-Voltage
WAB021	687	'1163078_/_1163088'		0.13	0.23	0.23	2.664	1	0.41	0.87 No	0.13 Primary Over-Voltage
WAB021	688	'1140446_/_1149894'		0.1	0.23	3.33	2.664	0.1	0.41	0.87 No	0.1 Primary Over-Voltage
WAB021	689	'1163331_/_1163341'		0.1	0.23	3.33	2.664	1	0.41	0.87 No	0.1 Primary Over-Voltage
WAB021	690	'1149738_/_1149735'		0.1	0.23	3.33	2.664	0.1	0.41	0.87 No	0.1 Primary Over-Voltage
WAB021	691	'1166627_/_42963150'		0.1	0.23	0.63	2.664	1	0.4	0.87 No	0.1 Primary Over-Voltage
WAB021	692	'1149829_/_1149826'		0.1	0.23	3.33	2.664	0.1	0.41	0.87 No	0.1 Primary Over-Voltage
WAB021	693	'42965479_/_1181902'		0.2	0.47	0.27	5.336	2.1	0.81	1.73 No	0.2 Primary Over-Voltage
WAB021	694	'42961280_/_1140443'		0.1	0.23	3.33	2.664	0.1	0.4	0.87 No	0.1 Primary Over-Voltage
WAB021	695	'1163065_/_1163075'		0.13	0.23	0.23	2.664	1	0.4	0.87 No	0.13 Primary Over-Voltage
WAB021	696	'1163330_/_1163328'		0.1	0.23	3.33	2.664	1	0.4	0.87 No	0.1 Primary Over-Voltage
WAB021	697	'1166494_/_1166491'		0.1	0.23	0.63	2.664	1	0.4	0.87 No	0.1 Primary Over-Voltage
WAB021	698	'1160246_/_1164377'		0.2	0.47	0.27	5.336	2.1	0.8	1.73 No	0.2 Primary Over-Voltage
WAB021	699	'438746680_/_1163062_2'		0.13	0.23	0.23	2.664	1	0.4	0.87 No	0.13 Primary Over-Voltage
WAB021	700	'1163039_/_1163062_1'		0.13	0.23	0.23	2.664	1	0.4	0.87 No	0.13 Primary Over-Voltage
WAB021	701	'1149751_/_1149748'		0.1	0.23	3.33	2.664	0.1	0.4	0.87 No	0.1 Primary Over-Voltage
WAB021	702	'1149845_/_1149842'		0.1	0.23	3.33	2.664	0.1	0.4	0.87 No	0.1 Primary Over-Voltage
WAB021	703	'1140432_/_1140430'		0.1	0.23	3.33	2.664	0.1	0.4	0.87 No	0.1 Primary Over-Voltage
WAB021	704	'42965256_/_1163474'		0.1	0.23	3.33	2.664	1	0.39	0.87 No	0.1 Primary Over-Voltage
WAB021	705	'42965223_/_42965225'		0.1	0.23	3.33	2.664	1	0.39	0.87 No	0.1 Primary Over-Voltage
WAB021	706	'1166507_/_1166504'		0.1	0.23	0.63	2.664	1	0.39	0.87 No	0.1 Primary Over-Voltage
WAB021	707	'409182647_/_409182644'		0.1	0.23	3.33	2.664	0.1	0.39	0.87 No	0.1 Primary Over-Voltage
WAB021	708	'1160231_/_1160243'		0.2	0.47	0.27	5.336	2.1	0.78	1.73 No	0.2 Primary Over-Voltage
WAB021	709	'1149631_/_1149641'		0.1	0.23	3.33	2.664	0.1	0.39	0.87 No	0.1 Primary Over-Voltage
WAB021	710	'1180163_/_1180160'		0.13	0.23	0.23	2.664	1	0.39	0.87 No	0.13 Primary Over-Voltage
WAB021	711	'1149764_/_1149761'		0.1	0.23	3.33	2.664	0.1	0.39	0.87 No	0.1 Primary Over-Voltage
WAB021	712	'7201164_/_8780950_2'		0.13	0.23	0.23	2.664	1	0.39	0.87 No	0.13 Primary Over-Voltage
WAB021	713	'42965190_/_42965192'		0.13	0.23	0.23	2.664	1	0.39	0.87 No	0.13 Primary Over-Voltage
WAB021	714	'1163302_/_1163315'		0.1	0.23	3.33	2.664	1	0.39	0.87 No	0.1 Primary Over-Voltage
WAB021	715	'42963159_/_1166653'		0.1	0.23	0.63	2.664	1	0.38	0.87 No	0.1 Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
WAB021	716	'49478575_/_1180173'	0.13	0.23	0.23	2.664	1	0.39	0.87 No	0.13	Primary Over-Voltage
WAB021	717	'409182661_/_409182658'	0.1	0.23	0.23	2.664	0.1	0.39	0.87 No	0.1	Primary Over-Voltage
WAB021	718	'124036523_/_124036520'	0.1	0.23	0.63	2.664	1	0.38	0.87 No	0.1	Primary Over-Voltage
WAB021	719	'1160216_/_1160228'	0.2	0.4	0.27	5.336	2.1	0.77	1.73 No	0.2	Primary Over-Voltage
WAB021	720	'1163477_/_42965258'	0.1	0.23	0.23	2.664	1	0.39	0.87 No	0.1	Primary Over-Voltage
WAB021	721	'1164363_/_1164361'	0.1	0.2	0.13	2.664	1	0.39	0.87 No	0.1	Primary Over-Voltage
WAB021	722	'42965234_/_1163299'	0.1	0.23	0.23	2.664	1	0.39	0.87 No	0.1	Primary Over-Voltage
WAB021	723	'1149777_/_1149774'	0.1	0.23	0.33	2.664	0.1	0.38	0.87 No	0.1	Primary Over-Voltage
WAB021	724	'124036538_/_124036535'	0.1	0.23	0.63	2.664	1	0.38	0.87 No	0.1	Primary Over-Voltage
WAB021	725	'1149630_/_1149628'	0.1	0.23	0.23	2.664	0.1	0.38	0.87 No	0.1	Primary Over-Voltage
WAB021	726	'409182675_/_409182672'	0.1	0.23	0.23	2.664	0.1	0.38	0.87 No	0.1	Primary Over-Voltage
WAB021	727	'1163273_/_1163283'	0.1	0.23	0.23	2.664	1	0.38	0.87 No	0.1	Primary Over-Voltage
WAB021	728	'1160201_/_1160213'	0.2	0.4	0.27	5.336	2.1	0.76	1.73 No	0.2	Primary Over-Voltage
WAB021	729	'8463606_/_8780950_1'	0.13	0.23	0.23	2.664	0.1	0.38	0.87 No	0.1	Element Fault
WAB021	730	'1150266_/_1168036'	0.1	0.23	0.23	2.664	0.1	0.38	0.87 No	0.1	Primary Over-Voltage
WAB021	731	'1162721_/_1163023'	0.13	0.2	0.23	2.664	1	0.38	0.87 No	0.13	Primary Over-Voltage
WAB021	732	'42965245_/_42965247'	0.1	0.23	0.23	2.664	1	0.38	0.87 No	0.1	Primary Over-Voltage
WAB021	733	'1149790_/_1149787'	0.1	0.23	0.23	2.664	0.1	0.38	0.87 No	0.1	Primary Over-Voltage
WAB021	734	'409182689_/_409182686'	0.1	0.23	0.23	2.664	0.1	0.38	0.87 No	0.1	Primary Over-Voltage
WAB021	735	'124036581_/_124036550'	0.1	0.23	0.63	2.664	1	0.37	0.87 No	0.1	Primary Over-Voltage
WAB021	736	'1160183_/_1160198'	0.2	0.4	0.27	5.336	2.1	0.75	1.73 No	0.2	Primary Over-Voltage
WAB021	737	'139179003_/_1160258_1'	0.1	0.2	0.13	2.664	0.1	0.37	0.87 No	0.1	Primary Over-Voltage
WAB021	738	'1162734_/_1162731'	0.13	0.2	0.23	2.664	1	0.37	0.87 No	0.13	Primary Over-Voltage
WAB021	739	'1163272_/_1163270'	0.1	0.23	0.23	2.664	1	0.37	0.87 No	0.1	Primary Over-Voltage
WAB021	740	'1162708_/_1162718'	0.13	0.2	0.23	2.664	1	0.37	0.87 No	0.13	Primary Over-Voltage
WAB021	741	'409182703_/_409182700'	0.1	0.23	0.23	2.664	0.1	0.37	0.87 No	0.1	Primary Over-Voltage
WAB021	742	'42961291_/_1150264'	0.1	0.2	0.23	2.664	0.1	0.37	0.87 No	0.1	Primary Over-Voltage
WAB021	743	'1160261_/_1160258_2'	0.1	0.2	0.13	2.664	0.1	0.37	0.87 No	0.1	Primary Over-Voltage
WAB021	744	'42965467_/_42965469'	0.2	0.4	0.27	5.336	2.1	0.74	1.73 No	0.2	Primary Over-Voltage
WAB021	745	'1160182_/_1164443_2'	0.2	0.4	0.27	5.336	2.1	0.74	1.73 No	0.2	Primary Over-Voltage
WAB021	746	'1162747_/_1162744'	0.13	0.2	0.23	2.664	1	0.37	0.87 No	0.13	Primary Over-Voltage
WAB021	747	'409182717_/_409182714'	0.1	0.2	0.23	2.664	0.1	0.37	0.87 No	0.1	Primary Over-Voltage
WAB021	748	'1149803_/_1149800'	0.1	0.2	0.23	2.664	0.1	0.37	0.87 No	0.1	Primary Over-Voltage
WAB021	749	'1162692_/_1162705'	0.13	0.2	0.23	2.664	1	0.37	0.87 No	0.13	Primary Over-Voltage
WAB021	750	'1149909_/_1150251'	0.1	0.2	0.23	2.664	0.1	0.36	0.87 No	0.1	Primary Over-Voltage
WAB021	751	'1164304_/_1164301'	0.1	0.2	0.13	2.664	0.1	0.37	0.87 No	0.1	Primary Over-Voltage
WAB021	752	'1162760_/_1162757'	0.13	0.2	0.23	2.664	1	0.36	0.87 No	0.13	Primary Over-Voltage
WAB021	753	'409182731_/_409182728'	0.1	0.2	0.23	2.664	0.1	0.36	0.87 No	0.1	Primary Over-Voltage
WAB021	754	'1164431_/_1164443_1'	0.2	0.4	0.27	5.336	1	0.73	1.73 No	0.2	Primary Over-Voltage
WAB021	755	'409183000_/_409182979_1'	0.1	0.2	0.23	2.664	0.1	0.36	0.87 No	0.1	Primary Over-Voltage
WAB021	756	'1149816_/_1149813'	0.07	0.2	0.23	2.664	0.1	0.36	0.87 No	0.07	Primary Over-Voltage
WAB021	757	'139179055_/_42965493'	0.1	0.2	0.13	2.664	0.1	0.36	0.87 No	0.1	Primary Over-Voltage
WAB021	758	'1176013_/_1176010'	0.07	0.2	0.23	2.664	0.1	0.36	0.87 No	0.07	Primary Over-Voltage
WAB021	759	'1162773_/_1162770'	0.13	0.2	0.23	2.664	1	0.36	0.87 No	0.13	Primary Over-Voltage
WAB021	760	'1162691_/_1162689'	0.13	0.2	0.23	2.664	1	0.36	0.87 No	0.13	Primary Over-Voltage
WAB021	761	'1164413_/_1164428'	0.2	0.4	0.27	5.336	1	0.71	1.73 No	0.2	Primary Over-Voltage
WAB021	762	'1149910_/_1149907'	0.1	0.2	0.23	2.664	0.1	0.36	0.87 No	0.1	Primary Over-Voltage
WAB021	763	'451574147_/_8463604'	0.1	0.2	0.23	2.664	0.1	0.36	0.87 No	0.1	Primary Over-Voltage
WAB021	764	'451574087_/_451574217'	0.1	0.2	0.23	2.664	0.1	0.36	0.87 No	0.1	Primary Over-Voltage
WAB021	765	'451574062_/_451574084'	0.1	0.2	0.23	2.664	0.1	0.36	0.87 No	0.1	Primary Over-Voltage
WAB021	766	'451574079_/_451574076'	0.1	0.2	0.23	2.664	0.1	0.36	0.87 No	0.1	Primary Over-Voltage
WAB021	767	'451574071_/_451574068'	0.1	0.2	0.23	2.664	0.1	0.36	0.87 No	0.1	Primary Over-Voltage
WAB021	768	'451574063_/_451574060'	0.1	0.2	0.23	2.664	0.1	0.36	0.87 No	0.1	Primary Over-Voltage
WAB021	769	'451574164_/_451574257'	0.1	0.2	0.23	2.664	0.1	0.35	0.87 No	0.1	Primary Over-Voltage
WAB021	770	'1162786_/_1162783'	0.1	0.2	0.23	2.664	1	0.35	0.87 No	0.1	Primary Over-Voltage
WAB021	771	'1177695_/_1177705'	0.13	0.2	0.23	2.664	1	0.35	0.87 No	0.13	Primary Over-Voltage
WAB021	772	'409182944_/_409182979_2'	0.07	0.2	0.23	2.664	0.1	0.35	0.87 No	0.07	Primary Over-Voltage
WAB021	773	'1149923_/_1149920'	0.07	0.2	0.23	2.664	0.1	0.35	0.87 No	0.07	Primary Over-Voltage
WAB021	774	'1164395_/_1164410'	0.2	0.4	0.27	5.336	1	0.7	1.73 No	0.2	Primary Over-Voltage
WAB021	775	'42965157_/_1162877'	0.1	0.2	0.23	2.664	1	0.35	0.87 No	0.1	Primary Over-Voltage
WAB021	776	'1162799_/_1162796'	0.1	0.2	0.23	2.664	1	0.35	0.87 No	0.1	Primary Over-Voltage
WAB021	777	'451574279_/_451574388'	0.1	0.2	0.23	2.664	0.1	0.35	0.87 No	0.1	Primary Over-Voltage
WAB021	778	'1162679_/_42965137'	0.1	0.2	0.23	2.664	1	0.35	0.87 No	0.1	Primary Over-Voltage
WAB021	779	'1162812_/_1162809'	0.1	0.2	0.23	2.664	1	0.34	0.87 No	0.1	Primary Over-Voltage
WAB021	780	'1162880_/_42965159'	0.1	0.2	0.23	2.664	1	0.34	0.87 No	0.1	Primary Over-Voltage
WAB021	781	'1159951_/_1164392'	0.2	0.4	0.27	5.336	1	0.69	1.73 No	0.2	Primary Over-Voltage
WAB021	782	'1149936_/_1149933'	0.07	0.2	0.23	2.664	0.1	0.34	0.87 No	0.07	Primary Over-Voltage
WAB021	783	'1159952_/_1159962_1'	0.1	0.2	0.13	2.664	0.1	0.34	0.87 No	0.1	Primary Over-Voltage
WAB021	784	'1162825_/_1162822'	0.1	0.2	0.23	2.664	1	0.34	0.87 No	0.1	Primary Over-Voltage
WAB021	785	'1162666_/_1162676'	0.1	0.2	0.23	2.664	1	0.34	0.87 No	0.1	Primary Over-Voltage
WAB021	786	'1159965_/_1159962_2'	0.1	0.2	0.13	2.664	0.1	0.34	0.87 No	0.1	Primary Over-Voltage
WAB021	787	'1160121_/_1160133'	0.2	0.4	0.27	5.336	1	0.68	1.73 No	0.2	Primary Over-Voltage
WAB021	788	'1162838_/_1162835'	0.1	0.2	0.23	2.664	1	0.34	0.87 No	0.1	Primary Over-Voltage
WAB021	789	'1149949_/_1149946'	0.07	0.2	0.23	2.664	0.1	0.34	0.87 No	0.07	Primary Over-Voltage
WAB021	790	'1162851_/_1162848'	0.1	0.2	0.23	2.664	1	0.34	0.87 No	0.1	Primary Over-Voltage
WAB021	791	'1162653_/_1162663'	0.1	0.2	0.23	2.664	1	0.34	0.87 No	0.1	Primary Over-Voltage
WAB021	792	'452670619_/_1162861'	0.1	0.2	0.23	2.664	1	0.34	0.87 No	0.1	Primary Over-Voltage
WAB021	793	'1160106_/_1160118'	0.2	0.4	0.2	5.336	1	0.67	1.73 No	0.2	Primary Over-Voltage
WAB021	794	'452670708_/_452670674_1'	0.1	0.2	0.23	2.664	0.1	0.33	0.87 No	0.1	Primary Over-Voltage
WAB021	795	'451574300_/_451574415'	0.1	0.2	0.23	2.664	0.1	0.34	0.87 No	0.1	Primary Over-Voltage
WAB021	796	'1162864_/_452670621'	0.1	0.2	0.23	2.664	1	0.33	0.87 No	0.1	Primary Over-Voltage
WAB021	797	'1159981_/_1159978'	0.1	0.2	0.13	2.664	0.1	0.34	0.87 No	0.1	Primary Over-Voltage
WAB021	798	'1149962_/_1149959'	0.07	0.2	0.23	2.664	0.1	0.33	0.87 No	0.07	Primary Over-Voltage
WAB021	799	'1162640_/_1162650'	0.1	0.2	0.23	2.664	1	0.33	0.87 No	0.1	Primary Over-Voltage
WAB021	800	'1160091_/_1160103'	0.13	0.33	0.2	5.336	1	0.66	1.73 No	0.13	Primary Over-Voltage
WAB021	801	'1160167_/_1160164'	0.1	0.17	0.13	2.664	0.1	0.33	0.87 No	0.1	Primary Over-Voltage
WAB021	802	'42965146_/_42965148'	0.1	0.2	0.23	2.664	1	0.33	0.87 No	0.1	Primary Over-Voltage
WAB021	803	'452670655_/_452670674_2'	0.1	0.2	0.23	2.664	0.1	0.33	0.87 No	0.1	Primary Over-Voltage
WAB021	804	'1149975_/_1149972'	0.07	0.2	0.23	2.664	0.1	0.33	0.87 No	0.07	Primary Over-Voltage
WAB021	805	'1150017_/_1150014'	0.07	0.2	0.23	2.664	0.1	0.33	0.87 No	0.07	Primary Over-Voltage
WAB021	806	'1160076_/_1160088'	0.13	0.33	0.2	5.336	1	0.66	1.73 No	0.13	Primary Over-Voltage
WAB021	807	'1164467_/_1164464'	0.1	0.17	0.13	2.664	0.1	0.33	0.87 No	0.1	Primary Over-Voltage
WAB021	808	'1159994_/_1159991'	0.1	0.17	0.13	2.664	0.1	0.33	0.87 No	0.1	Primary Over-Voltage
WAB021	809	'451574321_/_451574439'	0.1	0.2	0.23	2.664	0.1	0.33	0.87 No	0.1	Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
WAB021	810	'1162614_/_1162624'	0.1	0.17	0.23	2.664	1	0.32	0.87 No	0.1	Primary Over-Voltage
WAB021	811	'1160061_/_1160073'	0.13	0.33	0.2	5.336	1	0.65	1.73 No	0.13	Primary Over-Voltage
WAB021	812	'1150030_/_1150027'	0.07	0.2	3.33	2.664	0.1	0.32	0.87 No	0.07	Primary Over-Voltage
WAB021	813	'1149988_/_1149985'	0.07	0.2	3.33	2.664	0.1	0.32	0.87 No	0.07	Primary Over-Voltage
WAB021	814	'1160007_/_1160004'	0.1	0.17	0.13	2.664	0.1	0.32	0.87 No	0.1	Primary Over-Voltage
WAB021	815	'8463607_/_451574168'	0.1	0.17	0.23	2.664	0.1	0.32	0.87 No	0.1	Primary Over-Voltage
WAB021	816	'1162588_/_1162611'	0.1	0.17	0.23	2.664	1	0.32	0.87 No	0.1	Primary Over-Voltage
WAB021	817	'1150043_/_1150040'	0.07	0.17	3.33	2.664	0.1	0.32	0.87 No	0.07	Primary Over-Voltage
WAB021	818	'1160046_/_1160058'	0.13	0.33	0.2	5.336	1	0.64	1.73 No	0.13	Primary Over-Voltage
WAB021	819	'1162601_/_1162598'	0.1	0.17	0.23	2.664	1	0.32	0.87 No	0.1	Primary Over-Voltage
WAB021	820	'1150004_/_1150001'	0.07	0.17	3.33	2.664	0.1	0.32	0.87 No	0.07	Primary Over-Voltage
WAB021	821	'1160020_/_1160017'	0.1	0.17	0.13	2.664	0.1	0.32	0.87 No	0.1	Primary Over-Voltage
WAB021	822	'1162575_/_1162585'	0.1	0.17	0.23	2.664	1	0.31	0.87 No	0.1	Primary Over-Voltage
WAB021	823	'1160045_/_1160043'	0.13	0.33	0.2	5.336	1	0.63	1.73 No	0.13	Primary Over-Voltage
WAB021	824	'7200956_/_7200954_2'	0.1	0.17	0.23	2.664	1	0.31	0.87 No	0.1	Primary Over-Voltage
WAB021	825	'1150056_/_1150053'	0.07	0.17	3.33	2.664	0.1	0.31	0.87 No	0.07	Primary Over-Voltage
WAB021	826	'42965124_/_42965126'	0.1	0.17	0.23	2.664	0.7	0.31	0.87 No	0.1	Primary Over-Voltage
WAB021	827	'1161623_/_1167652'	0.1	0.17	0.23	2.664	1	0.31	0.87 No	0.1	Primary Over-Voltage
WAB021	828	'1162536_/_1162546'	0.1	0.17	0.23	2.664	0.7	0.31	0.87 No	0.1	Primary Over-Voltage
WAB021	829	'432236864_/_1162533_2'	0.1	0.17	0.23	2.664	0.7	0.31	0.87 No	0.1	Primary Over-Voltage
WAB021	830	'1162523_/_1162533_1'	0.1	0.17	0.23	2.664	0.1	0.31	0.87 No	0.1	Primary Over-Voltage
WAB021	831	'1161624_/_1161621_1'	0.1	0.17	0.23	2.664	0.1	0.31	0.87 No	0.1	Primary Over-Voltage
WAB021	832	'1162510_/_1162520'	0.1	0.17	0.23	2.664	0.1	0.31	0.87 No	0.1	Primary Over-Voltage
WAB021	833	'1161637_/_1161621_2'	0.1	0.17	0.23	2.664	0.1	0.31	0.87 No	0.1	Primary Over-Voltage
WAB021	834	'42965113_/_1162507'	0.1	0.17	0.23	2.664	0.1	0.31	0.87 No	0.1	Primary Over-Voltage
WAB021	835	'1150069_/_1150066'	0.07	0.17	3.33	2.664	0.1	0.31	0.87 No	0.07	Primary Over-Voltage
WAB021	836	'1182768_/_1182779'	0.1	0.17	0.23	2.664	0.1	0.31	0.87 No	0.1	Primary Over-Voltage
WAB021	837	'1161530_/_1167639'	0.1	0.17	0.23	2.664	0.1	0.31	0.87 No	0.1	Primary Over-Voltage
WAB021	838	'1160033_/_1160030'	0.1	0.17	0.13	2.664	0.1	0.31	0.87 No	0.1	Primary Over-Voltage
WAB021	839	'1164320_/_1164330'	0.13	0.33	0.2	5.336	1	0.62	1.73 No	0.13	Primary Over-Voltage
WAB021	840	'42964903_/_1182766'	0.1	0.17	0.23	2.664	0.1	0.31	0.87 No	0.1	Primary Over-Voltage
WAB021	841	'1161529_/_1161527'	0.1	0.17	0.23	2.664	0.1	0.31	0.87 No	0.1	Primary Over-Voltage
WAB021	842	'1172160_/_1172170'	0.1	0.17	0.23	2.664	0.1	0.31	0.87 No	0.1	Primary Over-Voltage
WAB021	843	'1161543_/_1161540'	0.1	0.17	0.23	2.664	0.1	0.31	0.87 No	0.1	Primary Over-Voltage
WAB021	844	'1172144_/_1172157'	0.1	0.17	0.23	2.664	0.1	0.3	0.87 No	0.1	Primary Over-Voltage
WAB021	845	'1164480_/_1164477'	0.1	0.17	0.13	2.664	0.1	0.31	0.87 No	0.1	Primary Over-Voltage
WAB021	846	'1172143_/_1172141'	0.1	0.17	0.23	2.664	0.1	0.3	0.87 No	0.1	Primary Over-Voltage
WAB021	847	'42963349_/_42963351'	0.1	0.17	0.23	2.664	0.1	0.3	0.87 No	0.1	Primary Over-Voltage
WAB021	848	'42964892_/_1161553'	0.1	0.17	0.23	2.664	0.1	0.3	0.87 No	0.1	Primary Over-Voltage
WAB021	849	'1164622_/_1165086'	0.13	0.33	0.2	5.336	1	0.61	1.73 No	0.13	Primary Over-Voltage
WAB021	850	'1150082_/_1150079'	0.07	0.17	3.33	2.664	0.1	0.3	0.87 No	0.07	Primary Over-Voltage
WAB021	851	'1159939_/_1164317'	0.07	0.17	0.1	2.664	0.5	0.3	0.87 No	0.07	Primary Over-Voltage
WAB021	852	'1161595_/_1161592'	0.1	0.17	0.23	2.664	0.1	0.3	0.87 No	0.1	Primary Over-Voltage
WAB021	853	'7200957_/_7200954_1'	0.1	0.17	0.23	2.664	0.1	0.3	0.87 No	0.1	Primary Over-Voltage
WAB021	854	'1172130_/_1172128'	0.1	0.17	0.23	2.664	0.1	0.3	0.87 No	0.1	Primary Over-Voltage
WAB021	855	'1150095_/_1150092'	0.07	0.17	3.33	2.664	0.1	0.3	0.87 No	0.07	Primary Over-Voltage
WAB021	856	'1164607_/_1164619'	0.13	0.33	0.2	5.336	1	0.6	1.73 No	0.13	Primary Over-Voltage
WAB021	857	'1161569_/_42964894'	0.1	0.17	0.23	2.664	0.1	0.3	0.87 No	0.1	Primary Over-Voltage
WAB021	858	'42964914_/_1161608'	0.1	0.17	0.23	2.664	0.1	0.3	0.87 No	0.1	Primary Over-Voltage
WAB021	859	'1172118_/_1172449'	0.1	0.17	0.23	2.664	0.1	0.3	0.87 No	0.1	Primary Over-Voltage
WAB021	860	'1159926_/_1159936'	0.07	0.17	0.1	2.664	0.5	0.3	0.87 No	0.07	Primary Over-Voltage
WAB021	861	'1161611_/_42964916'	0.1	0.17	0.23	2.664	0.1	0.3	0.87 No	0.1	Primary Over-Voltage
WAB021	862	'1175906_/_1175903'	0.07	0.17	3.33	2.664	0.1	0.3	0.87 No	0.07	Primary Over-Voltage
WAB021	863	'1161582_/_1161579'	0.1	0.17	0.23	2.664	0.1	0.3	0.87 No	0.1	Primary Over-Voltage
WAB021	864	'1164592_/_1164604'	0.13	0.33	0.2	5.336	1	0.59	1.73 No	0.13	Primary Over-Voltage
WAB021	865	'1172478_/_1172475'	0.1	0.17	0.23	2.664	0.1	0.29	0.87 No	0.1	Primary Over-Voltage
WAB021	866	'1172105_/_1172115'	0.1	0.17	0.23	2.664	0.1	0.29	0.87 No	0.1	Primary Over-Voltage
WAB021	867	'1164577_/_1164589'	0.13	0.33	0.2	5.336	1	0.59	1.73 No	0.13	Primary Over-Voltage
WAB021	868	'1159913_/_1159923'	0.07	0.17	0.1	2.664	0.5	0.29	0.87 No	0.07	Primary Over-Voltage
WAB021	869	'42965623_/_1175984'	0.07	0.17	3.33	2.664	0.1	0.29	0.87 No	0.07	Primary Over-Voltage
WAB021	870	'1175932_/_1175929'	0.07	0.17	3.33	2.664	0.1	0.29	0.87 No	0.07	Primary Over-Voltage
WAB021	871	'1164576_/_1164574'	0.13	0.33	0.2	5.336	1	0.58	1.73 No	0.13	Primary Over-Voltage
WAB021	872	'1175960_/_42965625'	0.07	0.17	3.33	2.664	0.1	0.29	0.87 No	0.07	Primary Over-Voltage
WAB021	873	'1164637_/_1164647_1'	0.07	0.17	0.1	2.664	0.1	0.29	0.87 No	0.07	Primary Over-Voltage
WAB021	874	'1164650_/_1164647_2'	0.07	0.17	0.1	2.664	0.1	0.29	0.87 No	0.07	Primary Over-Voltage
WAB021	875	'42963360_/_42963362'	0.1	0.17	0.23	2.664	0.1	0.29	0.87 No	0.1	Primary Over-Voltage
WAB021	876	'1164826_/_1164823'	0.07	0.17	0.1	2.664	0.5	0.29	0.87 No	0.07	Primary Over-Voltage
WAB021	877	'1164796_/_1164808'	0.13	0.33	0.2	5.336	1	0.58	1.73 No	0.13	Primary Over-Voltage
WAB021	878	'1159900_/_1159910'	0.07	0.17	0.1	2.664	0.5	0.29	0.87 No	0.07	Primary Over-Voltage
WAB021	879	'1175947_/_1175971'	0.07	0.17	3.33	2.664	0.1	0.29	0.87 No	0.07	Primary Over-Voltage
WAB021	880	'1172079_/_1172089'	0.1	0.17	0.23	2.664	0.1	0.28	0.87 No	0.1	Primary Over-Voltage
WAB021	881	'1164560_/_1164793'	0.13	0.33	0.2	5.336	1	0.57	1.73 No	0.13	Primary Over-Voltage
WAB021	882	'437196837_/_1164558_1'	0.07	0.17	0.1	2.664	0.1	0.29	0.87 No	0.07	Primary Over-Voltage
WAB021	883	'1150211_/_1175958'	0.07	0.17	3.33	2.664	0.1	0.28	0.87 No	0.07	Primary Over-Voltage
WAB021	884	'42965535_/_1165117'	0.07	0.17	0.1	2.664	0.1	0.28	0.87 No	0.07	Primary Over-Voltage
WAB021	885	'1175919_/_1175945'	0.07	0.17	3.33	2.664	0.1	0.28	0.87 No	0.07	Primary Over-Voltage
WAB021	886	'1164662_/_1165130'	0.07	0.17	0.1	2.664	0.1	0.28	0.87 No	0.07	Primary Over-Voltage
WAB021	887	'1164763_/_1164778'	0.13	0.33	0.2	5.336	1	0.57	1.73 No	0.13	Primary Over-Voltage
WAB021	888	'1164561_/_1164558_2'	0.07	0.17	0.1	2.664	0.1	0.28	0.87 No	0.07	Primary Over-Voltage
WAB021	889	'1165149_/_1165146'	0.07	0.17	0.1	2.664	0.1	0.28	0.87 No	0.07	Primary Over-Voltage
WAB021	890	'42965456_/_1159897'	0.07	0.17	0.1	2.664	0.5	0.28	0.87 No	0.07	Primary Over-Voltage
WAB021	891	'1165162_/_42965548'	0.07	0.17	0.1	2.664	0.1	0.28	0.87 No	0.07	Primary Over-Voltage
WAB021	892	'1172066_/_1172076'	0.1	0.17	0.23	2.664	0.1	0.28	0.87 No	0.1	Primary Over-Voltage
WAB021	893	'1164745_/_1164760'	0.13	0.27	0.2	5.336	1	0.56	1.73 No	0.13	Primary Over-Voltage
WAB021	894	'42961313_/_1150209'	0.07	0.17	3.33	2.664	0.1	0.28	0.87 No	0.07	Primary Over-Voltage
WAB021	895	'1150186_/_1175916'	0.07	0.17	3.33	2.664	0.1	0.28	0.87 No	0.07	Primary Over-Voltage
WAB021	896	'240671059_/_240671039_1'	0.07	0.17	3.33	2.664	0.1	0.28	0.87 No	0.07	Primary Over-Voltage
WAB021	897	'240671020_/_240671039_2'	0.07	0.17	3.33	2.664	0.1	0.28	0.87 No	0.07	Primary Over-Voltage
WAB021	898	'1161666_/_1172063'	0.1	0.17	0.23	2.664	0.1	0.28	0.87 No	0.1	Primary Over-Voltage
WAB021	899	'1159874_/_1159884'	0.07	0.13	0.1	2.664	0.5	0.28	0.87 No	0.07	Primary Over-Voltage
WAB021	900	'1164730_/_1164742'	0.13	0.27	0.2	5.336	1	0.55	1.73 No	0.13	Primary Over-Voltage
WAB021	901	'1150107_/_1150222'	0.07	0.17	3.33	2.664	0.1	0.28	0.87 No	0.07	Primary Over-Voltage
WAB021	902	'1164663_/_1164660'	0.07	0.13	0.1	2.664	0.1	0.28	0.87 No	0.07	Primary Over-Voltage
WAB021	903	'1150120_/_1150183'	0.07	0.17	3.33	2.664	0.1	0.28	0.87 No	0.07	Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
WAB021	904	'211609964_/1159871_2'	0.07	0.13	0.1	2.664	0.5	0.28	0.87 No	0.07	Primary Over-Voltage
WAB021	905	'1161678_/1161783'	0.1	0.17	0.23	2.664	0.1	0.27	0.87 No	0.1	Primary Over-Voltage
WAB021	906	'1150108_/1150105'	0.07	0.17	3.33	2.664	0.1	0.27	0.87 No	0.07	Primary Over-Voltage
WAB021	907	'1159873_/1159871_1'	0.07	0.13	0.1	2.664	0.1	0.27	0.87 No	0.07	Primary Over-Voltage
WAB021	908	'1164715_/1164727'	0.13	0.27	0.2	5.336	1	0.55	1.73 No	0.13	Primary Over-Voltage
WAB021	909	'1150238_/1150235'	0.07	0.17	3.33	2.664	0.1	0.27	0.87 No	0.07	Primary Over-Voltage
WAB021	910	'42965445_/42965447'	0.07	0.13	0.1	2.664	0.1	0.27	0.87 No	0.07	Primary Over-Voltage
WAB021	911	'1164697_/1164712'	0.13	0.27	0.2	5.336	1	0.54	1.73 No	0.13	Primary Over-Voltage
WAB021	912	'1161679_/1161676'	0.1	0.17	0.23	2.664	0.1	0.27	0.87 No	0.1	Primary Over-Voltage
WAB021	913	'1150121_/1150118'	0.07	0.17	3.33	2.664	0.1	0.27	0.87 No	0.07	Primary Over-Voltage
WAB021	914	'355939586_/355939578'	0.1	0.17	0.23	2.664	0.1	0.27	0.87 No	0.1	Primary Over-Voltage
WAB021	915	'437778975_/9100253_1'	0.1	0.17	0.23	2.664	0.1	0.27	0.87 No	0.1	Primary Over-Voltage
WAB021	916	'1164493_/1164490'	0.07	0.13	0.1	2.664	0.1	0.27	0.87 No	0.07	Primary Over-Voltage
WAB021	917	'1162892_/1169204'	0.07	0.13	0.1	2.664	0.1	0.27	0.87 No	0.07	Primary Over-Voltage
WAB021	918	'1164679_/1164694'	0.13	0.27	0.2	5.336	1	0.54	1.73 No	0.13	Primary Over-Voltage
WAB021	919	'1162399_/1169191'	0.07	0.13	0.1	2.664	0.1	0.27	0.87 No	0.07	Primary Over-Voltage
WAB021	920	'1161692_/1161689'	0.1	0.13	0.23	2.664	0.1	0.27	0.87 No	0.1	Primary Over-Voltage
WAB021	921	'1162400_/1162397'	0.07	0.13	0.1	2.664	0.1	0.27	0.87 No	0.07	Primary Over-Voltage
WAB021	922	'1162413_/1162410'	0.07	0.13	0.1	2.664	0.1	0.27	0.87 No	0.07	Primary Over-Voltage
WAB021	923	'1162426_/1162423'	0.07	0.13	0.1	2.664	0.1	0.27	0.87 No	0.07	Primary Over-Voltage
WAB021	924	'1162439_/1162436'	0.07	0.13	0.1	2.664	0.1	0.27	0.87 No	0.07	Primary Over-Voltage
WAB021	925	'607277512_/607277509'	0.07	0.13	0.1	2.664	0.1	0.27	0.87 No	0.07	Primary Over-Voltage
WAB021	926	'1162452_/1162449'	0.07	0.13	0.1	2.664	0.1	0.27	0.87 No	0.07	Primary Over-Voltage
WAB021	927	'1164678_/1164676'	0.13	0.27	0.2	5.336	1	0.53	1.73 No	0.13	Primary Over-Voltage
WAB021	928	'1150134_/1150131'	0.07	0.13	3.33	2.664	0.1	0.27	0.87 No	0.07	Primary Over-Voltage
WAB021	929	'1162465_/1162462'	0.07	0.13	0.1	2.664	0.1	0.27	0.87 No	0.07	Primary Over-Voltage
WAB021	930	'1162893_/1162890'	0.07	0.13	0.1	2.664	0.1	0.27	0.87 No	0.07	Primary Over-Voltage
WAB021	931	'1161747_/1161757'	0.1	0.13	0.23	2.664	0.1	0.26	0.87 No	0.1	Primary Over-Voltage
WAB021	932	'1162494_/1162491'	0.07	0.13	0.1	2.664	0.1	0.26	0.87 No	0.07	Primary Over-Voltage
WAB021	933	'607277528_/607277525'	0.07	0.13	0.1	2.664	0.1	0.26	0.87 No	0.07	Primary Over-Voltage
WAB021	934	'1164547_/1165060'	0.07	0.13	0.1	2.664	0.5	0.26	0.87 No	0.07	Primary Over-Voltage
WAB021	935	'1164842_/1164839'	0.07	0.13	0.1	2.664	0.5	0.26	0.87 No	0.07	Primary Over-Voltage
WAB021	936	'1164548_/1164545'	0.07	0.13	0.1	2.664	0.5	0.26	0.87 No	0.07	Primary Over-Voltage
WAB021	937	'607277544_/607277541'	0.07	0.13	0.1	2.664	0.1	0.26	0.87 No	0.07	Primary Over-Voltage
WAB021	938	'1164522_/1165047'	0.07	0.13	0.1	2.664	0.5	0.26	0.87 No	0.07	Primary Over-Voltage
WAB021	939	'1164855_/1164852'	0.07	0.13	0.1	2.664	0.5	0.26	0.87 No	0.07	Primary Over-Voltage
WAB021	940	'1150147_/1150144'	0.07	0.13	3.33	2.664	0.1	0.26	0.87 No	0.07	Primary Over-Voltage
WAB021	941	'1161734_/1161744'	0.1	0.13	0.23	2.664	0.1	0.26	0.87 No	0.1	Primary Over-Voltage
WAB021	942	'1162906_/1162903'	0.07	0.13	0.1	2.664	0.1	0.26	0.87 No	0.07	Primary Over-Voltage
WAB021	943	'1164868_/1164865'	0.07	0.13	0.1	2.664	0.5	0.26	0.87 No	0.07	Primary Over-Voltage
WAB021	944	'1164535_/1164532'	0.07	0.13	0.1	2.664	0.5	0.26	0.87 No	0.07	Primary Over-Voltage
WAB021	945	'1161721_/1161731'	0.07	0.13	0.23	2.664	0.1	0.26	0.87 No	0.07	Primary Over-Voltage
WAB021	946	'1150160_/1150157'	0.07	0.13	3.33	2.664	0.1	0.26	0.87 No	0.07	Primary Over-Voltage
WAB021	947	'1164881_/1164878'	0.07	0.13	0.1	2.664	0.5	0.26	0.87 No	0.07	Primary Over-Voltage
WAB021	948	'1164521_/1164519'	0.07	0.13	0.1	2.664	0.5	0.26	0.87 No	0.07	Primary Over-Voltage
WAB021	949	'419080716_/42965515_2'	0.07	0.13	0.1	0.032	0.5	0.26	0.87 No	0.032	Thermal Discharging
WAB021	950	'1164985_/1164982'	0.07	0.13	0.1	2.664	0.5	0.26	0.87 No	0.07	Primary Over-Voltage
WAB021	951	'42964925_/1161718'	0.07	0.13	0.23	2.664	0.1	0.25	0.87 No	0.07	Primary Over-Voltage
WAB021	952	'1164894_/1164891'	0.07	0.13	0.07	2.664	0.5	0.25	0.87 No	0.07	Primary Over-Voltage
WAB021	953	'1150173_/1150170'	0.07	0.13	3.33	2.664	0.1	0.25	0.87 No	0.07	Primary Over-Voltage
WAB021	954	'42965168_/1167704'	0.07	0.13	0.1	2.664	0.1	0.25	0.87 No	0.07	Primary Over-Voltage
WAB021	955	'50632713_/1161702'	0.07	0.13	0.23	2.664	0.1	0.25	0.87 No	0.07	Primary Over-Voltage
WAB021	956	'1164907_/1164904_1'	0.07	0.13	0.07	2.664	0.5	0.25	0.87 No	0.07	Primary Over-Voltage
WAB021	957	'42965590_/1164904_2'	0.07	0.13	0.07	2.664	0.5	0.25	0.87 No	0.07	Primary Over-Voltage
WAB021	958	'1150199_/1150196'	0.07	0.13	2.07	2.664	0.1	0.25	0.87 No	0.07	Primary Over-Voltage
WAB021	959	'1164920_/42965592'	0.07	0.13	0.07	2.664	0.5	0.25	0.87 No	0.07	Primary Over-Voltage
WAB021	960	'1162921_/42965170'	0.07	0.13	0.1	2.664	0.1	0.25	0.87 No	0.07	Primary Over-Voltage
WAB021	961	'1165011_/1165008'	0.07	0.13	0.07	2.664	0.5	0.24	0.87 No	0.07	Primary Over-Voltage
WAB021	962	'1164933_/1164930'	0.07	0.13	0.07	2.664	0.5	0.24	0.87 No	0.07	Primary Over-Voltage
WAB021	963	'8151929_/9100253_2'	0.07	0.13	0.23	2.664	0.1	0.24	0.87 No	0.07	Primary Over-Voltage
WAB021	964	'1140647_/8151927_1'	0.07	0.13	0.23	2.664	0.1	0.24	0.87 No	0.07	Primary Over-Voltage
WAB021	965	'42966098_/8151927_2'	0.07	0.13	0.23	2.664	0.1	0.24	0.87 No	0.07	Primary Over-Voltage
WAB021	966	'1164946_/1164943'	0.07	0.13	0.07	2.664	0.5	0.24	0.87 No	0.07	Primary Over-Voltage
WAB021	967	'1162922_/1162919'	0.07	0.13	0.1	2.664	0.1	0.24	0.87 No	0.07	Primary Over-Voltage
WAB021	968	'1165024_/1165021'	0.07	0.13	0.07	2.664	0.5	0.24	0.87 No	0.07	Primary Over-Voltage
WAB021	969	'1140631_/1140644'	0.07	0.13	0.23	2.664	0.1	0.24	0.87 No	0.07	Primary Over-Voltage
WAB021	970	'1140618_/1140628'	0.07	0.13	0.23	2.664	0.1	0.24	0.87 No	0.07	Primary Over-Voltage
WAB021	971	'1165037_/1165034'	0.07	0.13	0.07	2.664	0.5	0.24	0.87 No	0.07	Primary Over-Voltage
WAB021	972	'1162935_/1162932'	0.07	0.13	0.1	2.664	0.1	0.24	0.87 No	0.07	Primary Over-Voltage
WAB021	973	'1164959_/1164956'	0.07	0.13	0.07	2.664	0.5	0.24	0.87 No	0.07	Primary Over-Voltage
WAB021	974	'1165107_/1165104'	0.07	0.13	0.07	2.664	0.5	0.24	0.87 No	0.07	Primary Over-Voltage
WAB021	975	'1140617_/1140615'	0.07	0.13	0.23	2.664	0.1	0.24	0.87 No	0.07	Primary Over-Voltage
WAB021	976	'1166045_/1166345'	0.07	0.13	0.07	2.664	0.5	0.24	0.87 No	0.07	Primary Over-Voltage
WAB021	977	'1162948_/1162945'	0.07	0.13	0.1	2.664	0.1	0.24	0.87 No	0.07	Primary Over-Voltage
WAB021	978	'1166046_/1166043'	0.07	0.13	0.07	2.664	0.5	0.23	0.87 No	0.07	Primary Over-Voltage
WAB021	979	'1162961_/1162958'	0.07	0.13	0.1	2.664	0.1	0.23	0.87 No	0.07	Primary Over-Voltage
WAB021	980	'1166059_/1166056'	0.07	0.13	0.07	2.664	0.5	0.23	0.87 No	0.07	Primary Over-Voltage
WAB021	981	'1162974_/1162971'	0.07	0.13	0.1	2.664	0.1	0.23	0.87 No	0.07	Primary Over-Voltage
WAB021	982	'1166072_/1166069'	0.07	0.13	0.07	2.664	0.5	0.23	0.87 No	0.07	Primary Over-Voltage
WAB021	983	'1166293_/1166290'	0.07	0.13	0.07	2.664	0.5	0.23	0.87 No	0.07	Primary Over-Voltage
WAB021	984	'1162987_/1162984'	0.07	0.13	0.1	2.664	0.1	0.23	0.87 No	0.07	Primary Over-Voltage
WAB021	985	'122088405_/122088389_1'	0.07	0.13	0.1	2.664	0.1	0.23	0.87 No	0.07	Primary Over-Voltage
WAB021	986	'1166085_/1166082'	0.07	0.13	0.07	2.664	0.5	0.23	0.87 No	0.07	Primary Over-Voltage
WAB021	987	'1166306_/1166303'	0.07	0.13	0.07	2.664	0.5	0.23	0.87 No	0.07	Primary Over-Voltage
WAB021	988	'1163000_/1162997'	0.07	0.13	0.1	2.664	0.1	0.23	0.87 No	0.07	Primary Over-Voltage
WAB021	989	'1166098_/1166095'	0.07	0.1	0.07	2.664	0.5	0.23	0.87 No	0.07	Primary Over-Voltage
WAB021	990	'1162480_/1167678'	0.07	0.13	0.1	2.664	0.1	0.23	0.87 No	0.07	Primary Over-Voltage
WAB021	991	'42965513_/42965515_1'	0.07	0.13	0.1	0.032	0.5	0.22	0.87 No	0.032	Thermal Discharging
WAB021	992	'1166111_/1166108'	0.07	0.1	0.07	2.664	0.5	0.22	0.87 No	0.07	Primary Over-Voltage
WAB021	993	'1162481_/42965093'	0.07	0.13	0.1	2.664	0.1	0.22	0.87 No	0.07	Primary Over-Voltage
WAB021	994	'1166124_/1166121'	0.07	0.1	0.07	2.664	0.5	0.22	0.87 No	0.07	Primary Over-Voltage
WAB021	995	'1164508_/1164506'	0.07	0.1	0.1	0.032	0.5	0.22	0.87 No	0.032	Thermal Discharging
WAB021	996	'1163013_/1163010'	0.07	0.13	0.1	2.664	0.1	0.22	0.87 No	0.07	Primary Over-Voltage
WAB021	997	'114300037_/1166371_1'	0.07	0.1	0.07	2.664	0.1	0.22	0.87 No	0.07	Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
WAB021	998	'1167793_/_1167790'		0.07	0.1	0.1	0.032	0.5	0.22	0.87 No	0.032 Thermal Discharging
WAB021	999	'42963137_/_1166371_2'		0.07	0.1	0.07	2.664	0.1	0.22	0.87 No	0.07 Primary Over-Voltage
WAB021	1000	'1166137_/_1166134_1'		0.07	0.1	0.07	0.04	0.5	0.22	0.87 No	0.04 Thermal Discharging
WAB021	1001	'1178881_/_1178879'		0.07	0.1	0.1	0.032	0.5	0.22	0.87 No	0.032 Thermal Discharging
WAB021	1002	'1166374_/_42963139'		0.07	0.1	0.07	2.664	0.1	0.22	0.87 No	0.07 Primary Over-Voltage
WAB021	1003	'1178856_/_1178866'		0.07	0.1	0.1	0.032	0.5	0.22	0.87 No	0.032 Thermal Discharging
WAB021	1004	'1165396_/_1178853'		0.07	0.1	0.1	0.032	0.5	0.21	0.87 No	0.032 Thermal Discharging
WAB021	1005	'1165383_/_1165393'		0.07	0.1	0.1	0.032	0.5	0.21	0.87 No	0.032 Thermal Discharging
WAB021	1006	'1165382_/_1165380'		0.07	0.1	0.1	0.032	0.5	0.21	0.87 No	0.032 Thermal Discharging
WAB021	1007	'42963126_/_1166134_2'		0.07	0.1	0.07	0.04	0.5	0.21	0.87 No	0.04 Thermal Discharging
WAB021	1008	'122088371_/_122088389_2'		0.07	0.1	0.1	2.664	0.1	0.21	0.87 No	0.07 Primary Over-Voltage
WAB021	1009	'1177330_/_1177328'		0.07	0.1	0.1	0.032	0.5	0.21	0.87 No	0.032 Thermal Discharging
WAB021	1010	'1177344_/_1177354'		0.07	0.1	0.1	0.032	0.5	0.21	0.87 No	0.032 Thermal Discharging
WAB021	1011	'1166150_/_42963128'		0.07	0.1	0.07	0.04	0.5	0.21	0.87 No	0.04 Thermal Discharging
WAB021	1012	'1165370_/_1177341'		0.07	0.1	0.1	0.032	0.5	0.2	0.87 No	0.032 Thermal Discharging
WAB021	1013	'1165903_/_1166160'		0.07	0.1	0.07	0.04	0.5	0.2	0.87 No	0.04 Thermal Discharging
WAB021	1014	'1165916_/_1165926_1'		0.07	0.1	0.07	0.04	0.1	0.2	0.87 No	0.04 Thermal Discharging
WAB021	1015	'1165890_/_1165887_2'		0.07	0.1	0.07	0.04	0.5	0.2	0.87 No	0.04 Thermal Discharging
WAB021	1016	'1165929_/_1165926_2'		0.07	0.1	0.07	0.04	0.1	0.2	0.87 No	0.04 Thermal Discharging
WAB021	1017	'42963115_/_1166173'		0.07	0.1	0.07	0.04	0.5	0.2	0.87 No	0.04 Thermal Discharging
WAB021	1018	'1165357_/_1165367'		0.07	0.1	0.1	0.032	0.5	0.2	0.87 No	0.032 Thermal Discharging
WAB021	1019	'1165877_/_1165887_1'		0.07	0.1	0.07	0.04	0.1	0.2	0.87 No	0.04 Thermal Discharging
WAB021	1020	'1165344_/_1165341_2'		0.07	0.1	0.1	0.032	0.5	0.2	0.87 No	0.032 Thermal Discharging
WAB021	1021	'1166189_/_42963117'		0.07	0.1	0.07	0.04	0.5	0.2	0.87 No	0.04 Thermal Discharging
WAB021	1022	'1165942_/_1165939'		0.07	0.1	0.07	0.04	0.1	0.2	0.87 No	0.04 Thermal Discharging
WAB021	1023	'1165864_/_1165874'		0.07	0.1	0.07	0.04	0.1	0.2	0.87 No	0.04 Thermal Discharging
WAB021	1024	'1165409_/_1165406'		0.07	0.1	0.1	0.032	0.5	0.2	0.87 No	0.032 Thermal Discharging
WAB021	1025	'1165331_/_1165341_1'		0.07	0.1	0.1	0.032	0.1	0.2	0.87 No	0.032 Thermal Discharging
WAB021	1026	'1165955_/_1165952'		0.07	0.1	0.07	0.04	0.1	0.2	0.87 No	0.04 Thermal Discharging
WAB021	1027	'42963038_/_1165328'		0.07	0.1	0.1	0.032	0.1	0.2	0.87 No	0.032 Thermal Discharging
WAB021	1028	'1166202_/_1166199'		0.07	0.1	0.07	0.04	0.5	0.2	0.87 No	0.04 Thermal Discharging
WAB021	1029	'1165851_/_1165861'		0.07	0.1	0.07	0.04	0.1	0.2	0.87 No	0.04 Thermal Discharging
WAB021	1030	'42963016_/_1165419'		0.07	0.1	0.1	0.032	0.5	0.2	0.87 No	0.032 Thermal Discharging
WAB021	1031	'1165422_/_1165432_1'		0.07	0.1	0.1	0.032	0.5	0.2	0.87 No	0.032 Thermal Discharging
WAB021	1032	'1165968_/_1165965'		0.07	0.1	0.07	0.04	0.1	0.2	0.87 No	0.04 Thermal Discharging
WAB021	1033	'1165850_/_1165848'		0.07	0.1	0.07	0.04	0.1	0.2	0.87 No	0.04 Thermal Discharging
WAB021	1034	'1165305_/_1165315'		0.07	0.1	0.1	0.032	0.1	0.2	0.87 No	0.032 Thermal Discharging
WAB021	1035	'1166215_/_1166212'		0.07	0.1	0.07	0.04	0.5	0.19	0.87 No	0.04 Thermal Discharging
WAB021	1036	'42963027_/_1165432_2'		0.07	0.1	0.1	0.032	0.5	0.19	0.87 No	0.032 Thermal Discharging
WAB021	1037	'1165292_/_1165302'		0.07	0.1	0.1	0.032	0.1	0.19	0.87 No	0.032 Thermal Discharging
WAB021	1038	'1165812_/_1165835'		0.07	0.1	0.07	0.04	0.1	0.19	0.87 No	0.04 Thermal Discharging
WAB021	1039	'1165981_/_1165978'		0.07	0.1	0.07	0.04	0.1	0.19	0.87 No	0.04 Thermal Discharging
WAB021	1040	'1166228_/_1166225'		0.07	0.1	0.07	0.04	0.5	0.19	0.87 No	0.04 Thermal Discharging
WAB021	1041	'1165266_/_1165289'		0.07	0.1	0.1	0.032	0.1	0.19	0.87 No	0.032 Thermal Discharging
WAB021	1042	'1165448_/_1165445'		0.07	0.1	0.1	0.032	0.5	0.19	0.87 No	0.032 Thermal Discharging
WAB021	1043	'1165799_/_1165809'		0.07	0.1	0.07	0.04	0.1	0.19	0.87 No	0.04 Thermal Discharging
WAB021	1044	'1140757_/_1166238'		0.07	0.1	0.07	0.04	0.5	0.19	0.87 No	0.04 Thermal Discharging
WAB021	1045	'1165994_/_1165991'		0.07	0.1	0.07	0.04	0.1	0.19	0.87 No	0.04 Thermal Discharging
WAB021	1046	'1165279_/_1165276'		0.07	0.1	0.1	0.032	0.1	0.19	0.87 No	0.032 Thermal Discharging
WAB021	1047	'52357983_/_1165458'		0.07	0.1	0.1	0.032	0.5	0.19	0.87 No	0.032 Thermal Discharging
WAB021	1048	'1165253_/_1165263'		0.07	0.1	0.1	0.032	0.1	0.19	0.87 No	0.032 Thermal Discharging
WAB021	1049	'1166254_/_1166251'		0.07	0.1	0.07	0.04	0.5	0.19	0.87 No	0.04 Thermal Discharging
WAB021	1050	'1165461_/_52357985'		0.07	0.1	0.1	0.032	0.5	0.19	0.87 No	0.032 Thermal Discharging
WAB021	1051	'42966145_/_1140755'		0.07	0.1	0.07	0.04	0.5	0.19	0.87 No	0.04 Thermal Discharging
WAB021	1052	'1166007_/_1166004'		0.07	0.1	0.07	0.04	0.1	0.19	0.87 No	0.04 Thermal Discharging
WAB021	1053	'1177018_/_1177015'		0.07	0.1	0.1	0.032	0.1	0.19	0.87 No	0.032 Thermal Discharging
WAB021	1054	'52358076_/_52358054'		0.07	0.1	0.1	0.032	0.5	0.19	0.87 No	0.032 Thermal Discharging
WAB021	1055	'1165786_/_1165796'		0.07	0.1	0.07	0.04	0.1	0.19	0.87 No	0.04 Thermal Discharging
WAB021	1056	'1140758_/_42966147'		0.07	0.1	0.07	0.04	0.5	0.19	0.87 No	0.04 Thermal Discharging
WAB021	1057	'1165474_/_1165471'		0.07	0.1	0.1	0.032	0.5	0.19	0.87 No	0.032 Thermal Discharging
WAB021	1058	'264180530_/_264180527'		0.07	0.1	0.1	0.032	0.1	0.19	0.87 No	0.032 Thermal Discharging
WAB021	1059	'1165214_/_1165250'		0.07	0.1	0.1	0.032	0.1	0.19	0.87 No	0.032 Thermal Discharging
WAB021	1060	'1166267_/_1166264'		0.07	0.1	0.07	0.04	0.5	0.19	0.87 No	0.04 Thermal Discharging
WAB021	1061	'52358086_/_52358083'		0.07	0.1	0.1	0.032	0.5	0.19	0.87 No	0.032 Thermal Discharging
WAB021	1062	'1166020_/_1166017'		0.07	0.1	0.07	0.04	0.1	0.19	0.87 No	0.04 Thermal Discharging
WAB021	1063	'1165227_/_1165237'		0.07	0.1	0.1	0.032	0.1	0.19	0.87 No	0.032 Thermal Discharging
WAB021	1064	'1165487_/_1165484'		0.07	0.1	0.1	0.032	0.5	0.19	0.87 No	0.032 Thermal Discharging
WAB021	1065	'1165773_/_1165783'		0.07	0.1	0.07	0.04	0.1	0.19	0.87 No	0.04 Thermal Discharging
WAB021	1066	'52358111_/_52358108'		0.07	0.1	0.1	0.032	0.5	0.19	0.87 No	0.032 Thermal Discharging
WAB021	1067	'1165201_/_1165211'		0.07	0.1	0.1	0.032	0.1	0.19	0.87 No	0.032 Thermal Discharging
WAB021	1068	'1165226_/_1165224'		0.07	0.1	0.1	0.032	0.1	0.19	0.87 No	0.032 Thermal Discharging
WAB021	1069	'1166280_/_1166277'		0.07	0.1	0.07	0.04	0.5	0.19	0.87 No	0.04 Thermal Discharging
WAB021	1070	'1151000_/_1166319'		0.07	0.1	0.07	0.04	0.5	0.19	0.87 No	0.04 Thermal Discharging
WAB021	1071	'1166033_/_1166030'		0.07	0.1	0.07	0.04	0.1	0.19	0.87 No	0.04 Thermal Discharging
WAB021	1072	'1162254_/_1167730'		0.07	0.1	0.1	0.032	0.5	0.19	0.87 No	0.032 Thermal Discharging
WAB021	1073	'52358140_/_52358137'		0.07	0.1	0.1	0.032	0.5	0.19	0.87 No	0.032 Thermal Discharging
WAB021	1074	'1150698_/_1150998'		0.07	0.1	0.07	0.04	0.5	0.19	0.87 No	0.04 Thermal Discharging
WAB021	1075	'1165188_/_1165198'		0.07	0.1	0.1	0.032	0.1	0.18	0.87 No	0.032 Thermal Discharging
WAB021	1076	'1165760_/_1165770'		0.07	0.1	0.07	0.04	0.1	0.18	0.87 No	0.04 Thermal Discharging
WAB021	1077	'1150699_/_1150696'		0.07	0.1	0.07	0.04	0.5	0.18	0.87 No	0.04 Thermal Discharging
WAB021	1078	'42965036_/_1162251'		0.07	0.1	0.1	0.032	0.5	0.18	0.87 No	0.032 Thermal Discharging
WAB021	1079	'52358156_/_52358153'		0.07	0.1	0.1	0.032	0.5	0.18	0.87 No	0.032 Thermal Discharging
WAB021	1080	'52358215_/_52358177_1'		0.07	0.1	0.1	0.032	0.1	0.18	0.87 No	0.032 Thermal Discharging
WAB021	1081	'1162373_/_1162371'		0.07	0.1	0.1	0.032	0.5	0.18	0.87 No	0.032 Thermal Discharging
WAB021	1082	'1165175_/_1165185'		0.07	0.1	0.1	0.032	0.1	0.18	0.87 No	0.032 Thermal Discharging
WAB021	1083	'1165747_/_1165757'		0.07	0.1	0.07	0.04	0.1	0.18	0.87 No	0.04 Thermal Discharging
WAB021	1084	'77687434_/_1150709_1'		0.07	0.1	0.07	0.04	0.5	0.18	0.87 No	0.04 Thermal Discharging
WAB021	1085	'1150712_/_1150709_2'		0.07	0.1	0.07	0.04	0.5	0.18	0.87 No	0.04 Thermal Discharging
WAB021	1086	'1165734_/_1165744'		0.07	0.1	0.07	0.04	0.1	0.18	0.87 No	0.04 Thermal Discharging
WAB021	1087	'1177636_/_1177646'		0.07	0.1	0.1	0.032	0.5	0.18	0.87 No	0.032 Thermal Discharging
WAB021	1088	'1165174_/_1165172'		0.07	0.1	0.1	0.032	0.1	0.18	0.87 No	0.032 Thermal Discharging
WAB021	1089	'66871418_/_66871415'		0.07	0.1	0.07	0.04	0.5	0.18	0.87 No	0.04 Thermal Discharging
WAB021	1090	'1150728_/_1150725'		0.07	0.1	0.07	0.04	0.5	0.18	0.87 No	0.04 Thermal Discharging
WAB021	1091	'1177623_/_1177633'		0.07	0.1	0.1	0.032	0.5	0.18	0.87 No	0.032 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
WAB021	1092	'1165721_/1165731'		0.07	0.1	0.07	0.04	0.1	0.18	0.87 No	0.04 Thermal Discharging
WAB021	1093	'66871449_/66871446'		0.07	0.1	0.07	0.04	0.5	0.18	0.87 No	0.04 Thermal Discharging
WAB021	1094	'42963060_/1167777'		0.07	0.1	0.1	0.032	0.1	0.18	0.87 No	0.032 Thermal Discharging
WAB021	1095	'1151014_/1151011'		0.07	0.1	0.07	0.04	0.5	0.18	0.87 No	0.04 Thermal Discharging
WAB021	1096	'1165708_/1165718'		0.07	0.1	0.07	0.04	0.1	0.18	0.87 No	0.04 Thermal Discharging
WAB021	1097	'66871480_/66871477'		0.07	0.1	0.07	0.04	0.5	0.18	0.87 No	0.04 Thermal Discharging
WAB021	1098	'1162241_/1177620'		0.07	0.1	0.1	0.032	0.5	0.18	0.87 No	0.032 Thermal Discharging
WAB021	1099	'1165695_/1165705'		0.07	0.1	0.07	0.04	0.1	0.18	0.87 No	0.04 Thermal Discharging
WAB021	1100	'1165552_/42963062'		0.07	0.1	0.1	0.032	0.1	0.18	0.87 No	0.032 Thermal Discharging
WAB021	1101	'1162228_/1162238'		0.07	0.1	0.1	0.032	0.5	0.18	0.87 No	0.032 Thermal Discharging
WAB021	1102	'66871511_/66871508'		0.07	0.1	0.07	0.04	0.5	0.18	0.87 No	0.04 Thermal Discharging
WAB021	1103	'1165825_/1165822'		0.07	0.1	0.07	0.04	0.1	0.18	0.87 No	0.04 Thermal Discharging
WAB021	1104	'1165682_/1165692'		0.07	0.1	0.07	0.04	0.1	0.17	0.87 No	0.04 Thermal Discharging
WAB021	1105	'1165539_/1165549'		0.07	0.1	0.1	0.032	0.1	0.17	0.87 No	0.032 Thermal Discharging
WAB021	1106	'1162215_/1162225'		0.07	0.1	0.1	0.032	0.5	0.17	0.87 No	0.032 Thermal Discharging
WAB021	1107	'66871542_/66871539'		0.07	0.1	0.07	0.04	0.5	0.17	0.87 No	0.04 Thermal Discharging
WAB021	1108	'1165669_/1165679'		0.07	0.1	0.07	0.04	0.1	0.17	0.87 No	0.04 Thermal Discharging
WAB021	1109	'77687423_/66871613'		0.07	0.1	0.07	0.04	0.5	0.17	0.87 No	0.04 Thermal Discharging
WAB021	1110	'1165526_/1165536'		0.07	0.1	0.1	0.032	0.1	0.17	0.87 No	0.032 Thermal Discharging
WAB021	1111	'1150779_/1151024'		0.07	0.1	0.07	0.04	0.5	0.17	0.87 No	0.04 Thermal Discharging
WAB021	1112	'1162202_/1162212'		0.07	0.1	0.1	0.032	0.5	0.17	0.87 No	0.032 Thermal Discharging
WAB021	1113	'1165656_/1165666'		0.07	0.1	0.07	0.04	0.1	0.17	0.87 No	0.04 Thermal Discharging
WAB021	1114	'52358170_/52358177_2'		0.07	0.1	0.1	0.032	0.1	0.17	0.87 No	0.032 Thermal Discharging
WAB021	1115	'42963071_/1165523'		0.07	0.1	0.1	0.032	0.1	0.17	0.87 No	0.032 Thermal Discharging
WAB021	1116	'1150780_/1150777'		0.07	0.1	0.07	0.04	0.5	0.17	0.87 No	0.04 Thermal Discharging
WAB021	1117	'1162189_/1162199'		0.07	0.1	0.1	0.032	0.5	0.17	0.87 No	0.032 Thermal Discharging
WAB021	1118	'1165655_/1165653'		0.03	0.1	0.07	0.04	0.1	0.17	0.87 No	0.03 Primary Over-Voltage
WAB021	1119	'1162267_/42965049'		0.07	0.1	0.1	0.032	0.5	0.17	0.87 No	0.032 Thermal Discharging
WAB021	1120	'1150793_/1150790'		0.07	0.1	0.07	0.04	0.5	0.17	0.87 No	0.04 Thermal Discharging
WAB021	1121	'1165500_/1165510'		0.07	0.1	0.1	0.032	0.1	0.17	0.87 No	0.032 Thermal Discharging
WAB021	1122	'1162176_/1162186'		0.07	0.1	0.1	0.032	0.5	0.17	0.87 No	0.032 Thermal Discharging
WAB021	1123	'1150806_/1150803'		0.07	0.07	0.07	0.04	0.5	0.17	0.87 No	0.04 Thermal Discharging
WAB021	1124	'1165499_/1165497'		0.07	0.1	0.1	0.032	0.1	0.17	0.87 No	0.032 Thermal Discharging
WAB021	1125	'1178666_/1178676'		0.03	0.1	0.07	0.04	0.1	0.17	0.87 No	0.03 Primary Over-Voltage
WAB021	1126	'1178653_/1178663'		0.03	0.07	0.07	0.04	0.1	0.17	0.87 No	0.03 Primary Over-Voltage
WAB021	1127	'1162163_/1162173'		0.07	0.07	0.1	0.032	0.5	0.17	0.87 No	0.032 Thermal Discharging
WAB021	1128	'1150819_/1150816'		0.07	0.07	0.07	0.04	0.5	0.17	0.87 No	0.04 Thermal Discharging
WAB021	1129	'1178640_/1178650'		0.03	0.07	0.07	0.04	0.1	0.17	0.87 No	0.03 Primary Over-Voltage
WAB021	1130	'1162150_/1162160'		0.07	0.07	0.1	0.032	0.5	0.17	0.87 No	0.032 Thermal Discharging
WAB021	1131	'1150832_/1150829'		0.07	0.07	0.07	0.04	0.5	0.17	0.87 No	0.04 Thermal Discharging
WAB021	1132	'1162137_/1162147'		0.07	0.07	0.1	0.032	0.5	0.17	0.87 No	0.032 Thermal Discharging
WAB021	1133	'1178639_/1178637'		0.03	0.07	0.07	0.04	0.1	0.16	0.87 No	0.03 Primary Over-Voltage
WAB021	1134	'112211386_/112211388'		0.03	0.07	0.07	0.04	0.1	0.16	0.87 No	0.03 Primary Over-Voltage
WAB021	1135	'112211470_/112211440_1'		0.03	0.07	0.07	0.04	0.1	0.16	0.87 No	0.03 Primary Over-Voltage
WAB021	1136	'42965025_/1162134'		0.07	0.07	0.1	0.032	0.5	0.16	0.87 No	0.032 Thermal Discharging
WAB021	1137	'1150845_/1150842'		0.07	0.07	0.07	0.04	0.5	0.16	0.87 No	0.04 Thermal Discharging
WAB021	1138	'1178614_/1178689'		0.03	0.07	0.07	0.04	0.1	0.16	0.87 No	0.03 Primary Over-Voltage
WAB021	1139	'1162111_/42965015'		0.07	0.07	0.1	0.032	0.5	0.16	0.87 No	0.032 Thermal Discharging
WAB021	1140	'1162098_/1162108'		0.07	0.07	0.1	0.032	0.5	0.16	0.87 No	0.032 Thermal Discharging
WAB021	1141	'42961390_/1151050'		0.07	0.07	0.07	0.04	0.5	0.16	0.87 No	0.04 Thermal Discharging
WAB021	1142	'42961379_/1150855'		0.07	0.07	0.07	0.04	0.5	0.16	0.87 No	0.04 Thermal Discharging
WAB021	1143	'426119410_/1178611_2'		0.03	0.07	0.07	0.04	0.1	0.16	0.87 No	0.03 Primary Over-Voltage
WAB021	1144	'1150858_/1150868_1'		0.07	0.07	0.07	0.04	0.5	0.16	0.87 No	0.04 Thermal Discharging
WAB021	1145	'1140951_/1178611_1'		0.03	0.07	0.07	0.04	0.1	0.16	0.87 No	0.03 Primary Over-Voltage
WAB021	1146	'1140964_/426119204'		0.03	0.07	0.07	0.04	0.1	0.16	0.87 No	0.03 Primary Over-Voltage
WAB021	1147	'1162085_/1162095'		0.07	0.07	0.1	0.032	0.5	0.16	0.87 No	0.032 Thermal Discharging
WAB021	1148	'1151053_/42961392'		0.07	0.07	0.07	0.04	0.5	0.16	0.87 No	0.04 Thermal Discharging
WAB021	1149	'1150871_/1150868_2'		0.07	0.07	0.07	0.04	0.5	0.16	0.87 No	0.04 Thermal Discharging
WAB021	1150	'1140950_/1140948'		0.03	0.07	0.07	0.04	0.1	0.16	0.87 No	0.03 Primary Over-Voltage
WAB021	1151	'1162072_/1162082'		0.07	0.07	0.1	0.032	0.5	0.16	0.87 No	0.032 Thermal Discharging
WAB021	1152	'1150884_/1150881'		0.07	0.07	0.07	0.04	0.5	0.16	0.87 No	0.04 Thermal Discharging
WAB021	1153	'1151293_/1168023'		0.03	0.07	0.07	0.04	0.1	0.16	0.87 No	0.03 Primary Over-Voltage
WAB021	1154	'1162059_/1162069'		0.07	0.07	0.1	0.032	0.5	0.16	0.87 No	0.032 Thermal Discharging
WAB021	1155	'1150897_/1150894'		0.07	0.07	0.07	0.04	0.5	0.16	0.87 No	0.04 Thermal Discharging
WAB021	1156	'1151280_/1151290'		0.03	0.07	0.07	0.04	0.1	0.16	0.87 No	0.03 Primary Over-Voltage
WAB021	1157	'1162046_/1162056'		0.07	0.07	0.1	0.032	0.5	0.16	0.87 No	0.032 Thermal Discharging
WAB021	1158	'1162033_/1162043'		0.07	0.07	0.1	0.032	0.5	0.16	0.87 No	0.032 Thermal Discharging
WAB021	1159	'1150910_/1150907'		0.07	0.07	0.07	0.04	0.5	0.16	0.87 No	0.04 Thermal Discharging
WAB021	1160	'1151306_/1151303'		0.03	0.07	0.07	0.04	0.1	0.16	0.87 No	0.03 Primary Over-Voltage
WAB021	1161	'1140472_/1162030'		0.07	0.07	0.1	0.032	0.5	0.16	0.87 No	0.032 Thermal Discharging
WAB021	1162	'1151319_/1151316'		0.03	0.07	0.07	0.04	0.1	0.15	0.87 No	0.03 Primary Over-Voltage
WAB021	1163	'1140471_/1140469'		0.07	0.07	0.1	0.032	0.5	0.15	0.87 No	0.032 Thermal Discharging
WAB021	1164	'1150923_/1150920'		0.07	0.07	0.07	0.04	0.5	0.15	0.87 No	0.04 Thermal Discharging
WAB021	1165	'112211429_/112211440_2'		0.03	0.07	0.07	0.04	0.1	0.15	0.87 No	0.03 Primary Over-Voltage
WAB021	1166	'1151332_/1151329'		0.03	0.07	0.07	0.04	0.1	0.15	0.87 No	0.03 Primary Over-Voltage
WAB021	1167	'1140485_/1178598'		0.07	0.07	0.1	0.032	0.5	0.15	0.87 No	0.032 Thermal Discharging
WAB021	1168	'124948405_/42964971_2'		0.07	0.07	0.1	0.032	0.5	0.15	0.87 No	0.032 Thermal Discharging
WAB021	1169	'1150936_/1150933'		0.07	0.07	0.07	0.04	0.5	0.15	0.87 No	0.04 Thermal Discharging
WAB021	1170	'1178575_/1178585'		0.07	0.07	0.1	0.032	0.5	0.15	0.87 No	0.032 Thermal Discharging
WAB021	1171	'42966694_/1151394'		0.03	0.07	0.07	0.04	0.1	0.15	0.87 No	0.03 Primary Over-Voltage
WAB021	1172	'1140484_/42964971_1'		0.07	0.07	0.1	0.032	0.1	0.15	0.87 No	0.032 Thermal Discharging
WAB021	1173	'1140497_/1178572'		0.07	0.07	0.1	0.032	0.5	0.15	0.87 No	0.032 Thermal Discharging
WAB021	1174	'1150949_/1150946'		0.07	0.07	0.07	0.04	0.5	0.15	0.87 No	0.04 Thermal Discharging
WAB021	1175	'139177510_/1140495_1'		0.07	0.07	0.1	0.032	0.1	0.15	0.87 No	0.032 Thermal Discharging
WAB021	1176	'139177481_/42964949_2'		0.07	0.07	0.1	0.032	0.5	0.15	0.87 No	0.032 Thermal Discharging
WAB021	1177	'1140992_/1141003'		0.07	0.07	0.1	0.032	0.1	0.15	0.87 No	0.032 Thermal Discharging
WAB021	1178	'276767089_/276767047'		0.07	0.07	0.1	0.032	0.5	0.15	0.87 No	0.032 Thermal Discharging
WAB021	1179	'1140498_/1140495_2'		0.07	0.07	0.1	0.032	0.1	0.15	0.87 No	0.032 Thermal Discharging
WAB021	1180	'1151344_/1151381'		0.03	0.07	0.07	0.04	0.1	0.15	0.87 No	0.03 Primary Over-Voltage
WAB021	1181	'276767094_/276767091'		0.07	0.07	0.1	0.032	0.5	0.15	0.87 No	0.032 Thermal Discharging
WAB021	1182	'42964958_/1140990'		0.07	0.07	0.1	0.032	0.1	0.15	0.87 No	0.032 Thermal Discharging
WAB021	1183	'1150962_/1150959'		0.07	0.07	0.07	0.04	0.5	0.15	0.87 No	0.04 Thermal Discharging
WAB021	1184	'146997270_/42964960_1'		0.07	0.07	0.1	0.032	0.1	0.15	0.87 No	0.032 Thermal Discharging
WAB021	1185	'1162280_/1162277'		0.07	0.07	0.1	0.032	0.1	0.15	0.87 No	0.032 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
WAB021	1186	'146997257_/_42964960_2'	0.07	0.07	0.07	0.1	0.032	0.1	0.15	0.87 No	0.032 Thermal Discharging
WAB021	1187	'42964947_/_42964949_1'	0.07	0.07	0.07	0.1	0.032	0.5	0.15	0.87 No	0.032 Thermal Discharging
WAB021	1188	'1150975_/_1150972'	0.07	0.07	0.07	0.04	0.5	0.15	0.87 No	0.04 Thermal Discharging	
WAB021	1189	'1151345_/_1151342'	0.03	0.07	0.07	0.04	0.1	0.15	0.87 No	0.03 Primary Over-Voltage	
WAB021	1190	'1151065_/_1151063'	0.07	0.07	0.07	0.04	0.5	0.15	0.87 No	0.04 Thermal Discharging	
WAB021	1191	'1162305_/_1162290'	0.07	0.07	0.1	0.032	0.1	0.15	0.87 No	0.032 Thermal Discharging	
WAB021	1192	'1150988_/_1150985'	0.07	0.07	0.07	0.04	0.5	0.15	0.87 No	0.04 Thermal Discharging	
WAB021	1193	'1161825_/_1161835'	0.07	0.07	0.1	0.032	0.5	0.15	0.87 No	0.032 Thermal Discharging	
WAB021	1194	'1151358_/_1151355'	0.03	0.07	0.07	0.04	0.1	0.15	0.87 No	0.03 Primary Over-Voltage	
WAB021	1195	'1162306_/_1162303'	0.07	0.07	0.1	0.032	0.1	0.15	0.87 No	0.032 Thermal Discharging	
WAB021	1196	'1150553_/_1168126'	0.07	0.07	0.07	0.04	0.5	0.15	0.87 No	0.04 Thermal Discharging	
WAB021	1197	'1161812_/_1161822'	0.07	0.07	0.1	0.032	0.5	0.15	0.87 No	0.032 Thermal Discharging	
WAB021	1198	'1151371_/_1151368'	0.03	0.07	0.07	0.04	0.1	0.15	0.87 No	0.03 Primary Over-Voltage	
WAB021	1199	'1150540_/_1150550'	0.07	0.07	0.07	0.04	0.5	0.15	0.87 No	0.04 Thermal Discharging	
WAB021	1200	'42965058_/_1162384'	0.07	0.07	0.1	0.032	0.1	0.15	0.87 No	0.032 Thermal Discharging	
WAB021	1201	'1151078_/_42961403'	0.03	0.07	0.07	0.04	0.1	0.15	0.87 No	0.03 Primary Over-Voltage	
WAB021	1202	'7492325_/_8753672_1'	0.03	0.07	0.07	0.04	0.1	0.15	0.87 No	0.03 Primary Over-Voltage	
WAB021	1203	'1161799_/_1161809'	0.07	0.07	0.1	0.032	0.5	0.15	0.87 No	0.032 Thermal Discharging	
WAB021	1204	'1150527_/_1150537'	0.07	0.07	0.07	0.04	0.5	0.15	0.87 No	0.04 Thermal Discharging	
WAB021	1205	'1162319_/_1162316'	0.07	0.07	0.1	0.032	0.1	0.15	0.87 No	0.032 Thermal Discharging	
WAB021	1206	'1161798_/_1161796'	0.07	0.07	0.1	0.032	0.5	0.15	0.87 No	0.032 Thermal Discharging	
WAB021	1207	'1151079_/_1151076'	0.03	0.07	0.07	0.04	0.1	0.15	0.87 No	0.03 Primary Over-Voltage	
WAB021	1208	'1150514_/_1150524'	0.07	0.07	0.07	0.04	0.5	0.15	0.87 No	0.04 Thermal Discharging	
WAB021	1209	'1162332_/_1162329'	0.07	0.07	0.1	0.032	0.1	0.15	0.87 No	0.032 Thermal Discharging	
WAB021	1210	'42964980_/_1167597'	0.07	0.07	0.1	0.032	0.5	0.14	0.87 No	0.032 Thermal Discharging	
WAB021	1211	'1151095_/_1151092'	0.03	0.07	0.07	0.04	0.1	0.14	0.87 No	0.03 Primary Over-Voltage	
WAB021	1212	'1150501_/_1150511'	0.07	0.07	0.07	0.04	0.5	0.14	0.87 No	0.04 Thermal Discharging	
WAB021	1213	'1161851_/_1161861'	0.07	0.07	0.1	0.032	0.5	0.14	0.87 No	0.032 Thermal Discharging	
WAB021	1214	'1151108_/_1151105'	0.03	0.07	0.07	0.04	0.1	0.14	0.87 No	0.03 Primary Over-Voltage	
WAB021	1215	'1150488_/_1150498'	0.07	0.07	0.07	0.04	0.5	0.14	0.87 No	0.04 Thermal Discharging	
WAB021	1216	'1140550_/_1161848'	0.07	0.07	0.1	0.032	0.5	0.14	0.87 No	0.032 Thermal Discharging	
WAB021	1217	'7520376_/_8151823_2'	0.07	0.07	0.1	0.032	0.5	0.14	0.87 No	0.032 Thermal Discharging	
WAB021	1218	'1150487_/_1150485'	0.07	0.07	0.07	0.04	0.5	0.14	0.87 No	0.04 Thermal Discharging	
WAB021	1219	'1140537_/_1140547'	0.07	0.07	0.1	0.032	0.5	0.14	0.87 No	0.032 Thermal Discharging	
WAB021	1220	'1150579_/_1150576'	0.07	0.07	0.07	0.04	0.5	0.14	0.87 No	0.04 Thermal Discharging	
WAB021	1221	'1151121_/_1151118'	0.03	0.07	0.07	0.04	0.1	0.14	0.87 No	0.03 Primary Over-Voltage	
WAB021	1222	'42961346_/_42961348'	0.07	0.07	0.07	0.04	0.5	0.14	0.87 No	0.04 Thermal Discharging	
WAB021	1223	'1150475_/_1150472_2'	0.07	0.07	0.07	0.04	0.5	0.14	0.87 No	0.04 Thermal Discharging	
WAB021	1224	'8151825_/_8151823_1'	0.07	0.07	0.1	0.032	0.1	0.14	0.87 No	0.032 Thermal Discharging	
WAB021	1225	'1140536_/_1140534'	0.07	0.07	0.1	0.032	0.5	0.14	0.87 No	0.032 Thermal Discharging	
WAB021	1226	'42961357_/_1150618'	0.07	0.07	0.07	0.04	0.5	0.14	0.87 No	0.04 Thermal Discharging	
WAB021	1227	'1150592_/_1150589'	0.07	0.07	0.07	0.04	0.5	0.14	0.87 No	0.04 Thermal Discharging	
WAB021	1228	'1151134_/_1151131'	0.03	0.07	0.07	0.04	0.1	0.14	0.87 No	0.03 Primary Over-Voltage	
WAB021	1229	'1150462_/_1150472_1'	0.07	0.07	0.07	0.04	0.1	0.14	0.87 No	0.04 Thermal Discharging	
WAB021	1230	'1150605_/_1150602'	0.07	0.07	0.07	0.04	0.5	0.14	0.87 No	0.04 Thermal Discharging	
WAB021	1231	'44910606_/_1151248'	0.03	0.07	0.07	0.04	0.1	0.14	0.87 No	0.03 Primary Over-Voltage	
WAB021	1232	'1150634_/_1150631'	0.07	0.07	0.07	0.04	0.5	0.14	0.87 No	0.04 Thermal Discharging	
WAB021	1233	'1140563_/_1140573'	0.07	0.07	0.1	0.032	0.5	0.14	0.87 No	0.032 Thermal Discharging	
WAB021	1234	'1151786_/_1168152'	0.07	0.07	0.07	0.04	0.5	0.14	0.87 No	0.04 Thermal Discharging	
WAB021	1235	'119817801_/_119817798'	0.07	0.07	0.07	0.04	0.5	0.14	0.87 No	0.04 Thermal Discharging	
WAB021	1236	'1150449_/_1150459'	0.07	0.07	0.07	0.04	0.1	0.14	0.87 No	0.04 Thermal Discharging	
WAB021	1237	'1151147_/_1151144'	0.03	0.07	0.07	0.04	0.1	0.14	0.87 No	0.03 Primary Over-Voltage	
WAB021	1238	'1140589_/_1140586'	0.07	0.07	0.1	0.032	0.5	0.14	0.87 No	0.032 Thermal Discharging	
WAB021	1239	'1151787_/_1151784'	0.07	0.07	0.07	0.04	0.5	0.14	0.87 No	0.04 Thermal Discharging	
WAB021	1240	'1140605_/_1140602'	0.07	0.07	0.1	0.032	0.5	0.14	0.87 No	0.032 Thermal Discharging	
WAB021	1241	'1150436_/_1150446'	0.07	0.07	0.07	0.04	0.1	0.14	0.87 No	0.04 Thermal Discharging	
WAB021	1242	'8753675_/_8753672_2'	0.03	0.07	0.07	0.04	0.1	0.14	0.87 No	0.03 Primary Over-Voltage	
WAB021	1243	'1151800_/_1151797'	0.07	0.07	0.07	0.04	0.5	0.14	0.87 No	0.04 Thermal Discharging	
WAB021	1244	'1140562_/_1140560'	0.07	0.07	0.1	0.032	0.5	0.14	0.87 No	0.032 Thermal Discharging	
WAB021	1245	'1151160_/_1151157'	0.03	0.07	0.07	0.04	0.1	0.14	0.87 No	0.03 Primary Over-Voltage	
WAB021	1246	'1150423_/_1150433'	0.03	0.07	0.07	0.04	0.1	0.14	0.87 No	0.03 Primary Over-Voltage	
WAB021	1247	'1161955_/_1161965'	0.07	0.07	0.1	0.032	0.5	0.14	0.87 No	0.032 Thermal Discharging	
WAB021	1248	'1150410_/_1150420'	0.03	0.07	0.07	0.04	0.1	0.14	0.87 No	0.03 Primary Over-Voltage	
WAB021	1249	'1151813_/_1151810'	0.07	0.07	0.07	0.04	0.5	0.14	0.87 No	0.04 Thermal Discharging	
WAB021	1250	'1151173_/_1151170'	0.03	0.07	0.07	0.04	0.1	0.14	0.87 No	0.03 Primary Over-Voltage	
WAB021	1251	'1161942_/_1161952'	0.07	0.07	0.1	0.032	0.5	0.14	0.87 No	0.032 Thermal Discharging	
WAB021	1252	'1150397_/_1150407'	0.03	0.07	0.07	0.04	0.1	0.14	0.87 No	0.03 Primary Over-Voltage	
WAB021	1253	'1151186_/_1151183'	0.03	0.07	0.07	0.04	0.1	0.14	0.87 No	0.03 Primary Over-Voltage	
WAB021	1254	'1161929_/_1161939'	0.07	0.07	0.1	0.032	0.5	0.14	0.87 No	0.032 Thermal Discharging	
WAB021	1255	'1151826_/_1151823'	0.07	0.07	0.07	0.04	0.5	0.14	0.87 No	0.04 Thermal Discharging	
WAB021	1256	'1150384_/_1150394'	0.03	0.07	0.07	0.04	0.1	0.14	0.87 No	0.03 Primary Over-Voltage	
WAB021	1257	'1161916_/_1161926'	0.07	0.07	0.1	0.032	0.5	0.13	0.87 No	0.032 Thermal Discharging	
WAB021	1258	'1151199_/_1151196'	0.03	0.07	0.07	0.04	0.1	0.13	0.87 No	0.03 Primary Over-Voltage	
WAB021	1259	'1150371_/_1150381'	0.03	0.07	0.07	0.04	0.1	0.13	0.87 No	0.03 Primary Over-Voltage	
WAB021	1260	'42961456_/_1151836'	0.03	0.07	0.07	0.04	0.5	0.13	0.87 No	0.03 Primary Over-Voltage	
WAB021	1261	'1161903_/_1161913'	0.07	0.07	0.1	0.032	0.5	0.13	0.87 No	0.032 Thermal Discharging	
WAB021	1262	'1151212_/_1151209'	0.03	0.07	0.07	0.04	0.1	0.13	0.87 No	0.03 Primary Over-Voltage	
WAB021	1263	'1161902_/_1161900'	0.07	0.07	0.1	0.032	0.5	0.13	0.87 No	0.032 Thermal Discharging	
WAB021	1264	'1151852_/_42961458'	0.03	0.07	0.07	0.04	0.5	0.13	0.87 No	0.03 Primary Over-Voltage	
WAB021	1265	'1150358_/_1150368'	0.03	0.07	0.07	0.04	0.1	0.13	0.87 No	0.03 Primary Over-Voltage	
WAB021	1266	'1151225_/_1151222'	0.03	0.07	0.07	0.04	0.1	0.13	0.87 No	0.03 Primary Over-Voltage	
WAB021	1267	'1161877_/_1161978'	0.07	0.07	0.1	0.032	0.5	0.13	0.87 No	0.032 Thermal Discharging	
WAB021	1268	'1151865_/_1151862'	0.03	0.07	0.07	0.04	0.5	0.13	0.87 No	0.03 Primary Over-Voltage	
WAB021	1269	'1150345_/_1150355'	0.03	0.07	0.07	0.04	0.1	0.13	0.87 No	0.03 Primary Over-Voltage	
WAB021	1270	'1150344_/_1150342'	0.03	0.07	0.07	0.04	0.1	0.13	0.87 No	0.03 Primary Over-Voltage	
WAB021	1271	'1151409_/_1168165'	0.03	0.07	0.07	0.04	0.1	0.13	0.87 No	0.03 Primary Over-Voltage	
WAB021	1272	'1151878_/_1151875'	0.03	0.07	0.07	0.04	0.5	0.13	0.87 No	0.03 Primary Over-Voltage	
WAB021	1273	'1151423_/_1151420'	0.03	0.07	0.07	0.04	0.1	0.13	0.87 No	0.03 Primary Over-Voltage	
WAB021	1274	'42961335_/_42961337'	0.03	0.07	0.07	0.04	0.1	0.13	0.87 No	0.03 Primary Over-Voltage	
WAB021	1275	'1151410_/_1151407'	0.03	0.07	0.07	0.04	0.1	0.13	0.87 No	0.03 Primary Over-Voltage	
WAB021	1276	'1161876_/_1161874'	0.07	0.07	0.1	0.032	0.5	0.13	0.87 No	0.032 Thermal Discharging	
WAB021	1277	'229705190_/_259237500_1'	0.07	0.07	0.1	0.032	0.1	0.13	0.87 No	0.032 Thermal Discharging	
WAB021	1278	'1151436_/_1151433'	0.03	0.07	0.07	0.04	0.1	0.13	0.87 No	0.03 Primary Over-Voltage	
WAB021	1279	'42964991_/_42964993'	0.07	0.07	0.1	0.032	0.5	0.13	0.87 No	0.032 Thermal Discharging	

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
WAB021	1280	'259237495_/_259237500_2'	0.07	0.07	0.1	0.032	0.1	0.13	0.87 No	0.032	Thermal Discharging
WAB021	1281	'229704385_/_8151839_2'	0.07	0.07	0.1	0.032	0.5	0.13	0.87 No	0.032	Thermal Discharging
WAB021	1282	'1150332_/_1150657'	0.03	0.07	0.07	0.04	0.1	0.13	0.87 No	0.03	Primary Over-Voltage
WAB021	1283	'259237570_/_259237589'	0.07	0.07	0.1	0.032	0.1	0.13	0.87 No	0.032	Thermal Discharging
WAB021	1284	'259237533_/_259237607'	0.07	0.07	0.1	0.032	0.1	0.13	0.87 No	0.032	Thermal Discharging
WAB021	1285	'1150319_/_1150329'	0.03	0.07	0.07	0.04	0.1	0.13	0.87 No	0.03	Primary Over-Voltage
WAB021	1286	'1151891_/_1151888'	0.03	0.07	0.07	0.04	0.5	0.13	0.87 No	0.03	Primary Over-Voltage
WAB021	1287	'1152034_/_1152044_1'	0.03	0.07	0.07	0.04	0.1	0.13	0.87 No	0.03	Primary Over-Voltage
WAB021	1288	'1151449_/_1151446'	0.03	0.07	0.07	0.04	0.1	0.13	0.87 No	0.03	Primary Over-Voltage
WAB021	1289	'1150306_/_1150316'	0.03	0.07	0.07	0.04	0.1	0.13	0.87 No	0.03	Primary Over-Voltage
WAB021	1290	'42961478_/_1152018'	0.03	0.07	0.07	0.04	0.5	0.13	0.87 No	0.03	Primary Over-Voltage
WAB021	1291	'8463371_/_8780782'	0.07	0.07	0.1	0.032	0.1	0.13	0.87 No	0.032	Thermal Discharging
WAB021	1292	'1152047_/_1152044_2'	0.03	0.07	0.07	0.04	0.1	0.13	0.87 No	0.03	Primary Over-Voltage
WAB021	1293	'1151995_/_1152005'	0.03	0.07	0.07	0.04	0.5	0.13	0.87 No	0.03	Primary Over-Voltage
WAB021	1294	'1150305_/_1150303'	0.03	0.07	0.07	0.04	0.1	0.13	0.87 No	0.03	Primary Over-Voltage
WAB021	1295	'1152060_/_1152057'	0.03	0.07	0.07	0.04	0.1	0.13	0.87 No	0.03	Primary Over-Voltage
WAB021	1296	'7200940_/_8151839_1'	0.07	0.07	0.1	0.032	0.5	0.13	0.87 No	0.032	Thermal Discharging
WAB021	1297	'1151462_/_1151459'	0.03	0.07	0.07	0.04	0.1	0.13	0.87 No	0.03	Primary Over-Voltage
WAB021	1298	'1151982_/_1151992'	0.03	0.07	0.07	0.04	0.5	0.13	0.87 No	0.03	Primary Over-Voltage
WAB021	1299	'8463370_/_8463368'	0.03	0.07	0.1	0.032	0.1	0.13	0.87 No	0.03	Primary Over-Voltage
WAB021	1300	'42961324_/_1150670'	0.03	0.07	0.07	0.04	0.1	0.13	0.87 No	0.03	Primary Over-Voltage
WAB021	1301	'1151475_/_1151472'	0.03	0.07	0.07	0.04	0.1	0.13	0.87 No	0.03	Primary Over-Voltage
WAB021	1302	'1152151_/_1152148'	0.03	0.07	0.07	0.04	0.1	0.13	0.87 No	0.03	Primary Over-Voltage
WAB021	1303	'42961467_/_1152187'	0.03	0.07	0.07	0.04	0.1	0.13	0.87 No	0.03	Primary Over-Voltage
WAB021	1304	'42961500_/_42961502'	0.03	0.07	0.07	0.04	0.5	0.13	0.87 No	0.03	Primary Over-Voltage
WAB021	1305	'42961412_/_1151485'	0.03	0.07	0.07	0.04	0.1	0.13	0.87 No	0.03	Primary Over-Voltage
WAB021	1306	'96676810_/_1183187'	0.03	0.07	0.07	0.04	0.1	0.13	0.87 No	0.03	Primary Over-Voltage
WAB021	1307	'96676910_/_96676899_1'	0.03	0.07	0.07	0.04	0.1	0.13	0.87 No	0.03	Primary Over-Voltage
WAB021	1308	'1152163_/_1152174'	0.03	0.07	0.07	0.04	0.1	0.13	0.87 No	0.03	Primary Over-Voltage
WAB021	1309	'1151488_/_42961414'	0.03	0.07	0.07	0.04	0.1	0.13	0.87 No	0.03	Primary Over-Voltage
WAB021	1310	'1183203_/_96676819'	0.03	0.07	0.07	0.04	0.1	0.13	0.87 No	0.03	Primary Over-Voltage
WAB021	1311	'1151956_/_1151966'	0.03	0.07	0.07	0.04	0.5	0.13	0.87 No	0.03	Primary Over-Voltage
WAB021	1312	'1150293_/_1183200'	0.03	0.07	0.07	0.04	0.1	0.13	0.87 No	0.03	Primary Over-Voltage
WAB021	1313	'42961489_/_1152070'	0.03	0.07	0.07	0.04	0.5	0.13	0.87 No	0.03	Primary Over-Voltage
WAB021	1314	'42966705_/_1152161'	0.03	0.07	0.07	0.04	0.1	0.13	0.87 No	0.03	Primary Over-Voltage
WAB021	1315	'1151943_/_1151953'	0.03	0.07	0.07	0.04	0.5	0.13	0.87 No	0.03	Primary Over-Voltage
WAB021	1316	'1150280_/_1150290'	0.03	0.07	0.07	0.04	0.1	0.12	0.87 No	0.03	Primary Over-Voltage
WAB021	1317	'1152073_/_42961491'	0.03	0.07	0.07	0.04	0.5	0.12	0.87 No	0.03	Primary Over-Voltage
WAB021	1318	'1152085_/_42966707'	0.03	0.07	0.07	0.04	0.1	0.12	0.87 No	0.03	Primary Over-Voltage
WAB021	1319	'1151930_/_1151940'	0.03	0.07	0.07	0.04	0.5	0.12	0.87 No	0.03	Primary Over-Voltage
WAB021	1320	'9411825_/_9411822'	0.03	0.07	0.1	0.032	0.1	0.12	0.87 No	0.03	Primary Over-Voltage
WAB021	1321	'7520271_/_7520269_1'	0.03	0.07	0.07	0.04	0.1	0.12	0.87 No	0.03	Primary Over-Voltage
WAB021	1322	'96676763_/_96676899_2'	0.03	0.07	0.07	0.04	0.1	0.12	0.87 No	0.03	Primary Over-Voltage
WAB021	1323	'7201085_/_7201082'	0.03	0.07	0.1	0.032	0.5	0.12	0.87 No	0.03	Primary Over-Voltage
WAB021	1324	'1150279_/_1150277'	0.03	0.07	0.07	0.04	0.1	0.12	0.87 No	0.03	Primary Over-Voltage
WAB021	1325	'7520272_/_7520269_2'	0.03	0.07	0.07	0.04	0.1	0.12	0.87 No	0.03	Primary Over-Voltage
WAB021	1326	'1152086_/_1152083'	0.03	0.07	0.07	0.04	0.1	0.12	0.87 No	0.03	Primary Over-Voltage
WAB021	1327	'1151917_/_1151927'	0.03	0.07	0.07	0.04	0.5	0.12	0.87 No	0.03	Primary Over-Voltage
WAB021	1328	'7200908_/_7200906_1'	0.03	0.07	0.07	0.04	0.1	0.12	0.87 No	0.03	Primary Over-Voltage
WAB021	1329	'7200909_/_7200906_2'	0.03	0.07	0.07	0.04	0.1	0.12	0.87 No	0.03	Primary Over-Voltage
WAB021	1330	'229704228_/_7520521_2'	0.03	0.07	0.1	0.032	0.5	0.12	0.87 No	0.03	Primary Over-Voltage
WAB021	1331	'1167122_/_7520521_1'	0.03	0.07	0.1	0.032	0.1	0.12	0.87 No	0.03	Primary Over-Voltage
WAB021	1332	'1150685_/_1150683'	0.03	0.07	0.07	0.04	0.1	0.12	0.87 No	0.03	Primary Over-Voltage
WAB021	1333	'229704219_/_1167107_2'	0.03	0.07	0.1	0.032	0.1	0.12	0.87 No	0.03	Primary Over-Voltage
WAB021	1334	'1152099_/_1152096'	0.03	0.07	0.07	0.04	0.1	0.12	0.87 No	0.03	Primary Over-Voltage
WAB021	1335	'1151904_/_1151914'	0.03	0.07	0.07	0.04	0.5	0.12	0.87 No	0.03	Primary Over-Voltage
WAB021	1336	'7520240_/_8780698_1'	0.03	0.07	0.07	0.04	0.1	0.12	0.87 No	0.03	Primary Over-Voltage
WAB021	1337	'1167220_/_1167217'	0.03	0.07	0.1	0.032	0.1	0.12	0.87 No	0.03	Primary Over-Voltage
WAB021	1338	'1167097_/_1167107_1'	0.03	0.07	0.1	0.032	0.1	0.12	0.87 No	0.03	Primary Over-Voltage
WAB021	1339	'1167123_/_1167120'	0.03	0.07	0.1	0.032	0.1	0.12	0.87 No	0.03	Primary Over-Voltage
WAB021	1340	'1151903_/_1151901'	0.03	0.07	0.07	0.04	0.5	0.12	0.87 No	0.03	Primary Over-Voltage
WAB021	1341	'1152112_/_1152109'	0.03	0.07	0.07	0.04	0.1	0.12	0.87 No	0.03	Primary Over-Voltage
WAB021	1342	'8780701_/_8780698_2'	0.03	0.07	0.07	0.04	0.1	0.12	0.87 No	0.03	Primary Over-Voltage
WAB021	1343	'1167233_/_1167230'	0.03	0.07	0.1	0.032	0.1	0.12	0.87 No	0.03	Primary Over-Voltage
WAB021	1344	'42963248_/_1167094'	0.03	0.07	0.1	0.032	0.1	0.12	0.87 No	0.03	Primary Over-Voltage
WAB021	1345	'1151735_/_1168217'	0.03	0.07	0.07	0.04	0.5	0.12	0.87 No	0.03	Primary Over-Voltage
WAB021	1346	'1167136_/_1167133'	0.03	0.07	0.1	0.032	0.1	0.12	0.87 No	0.03	Primary Over-Voltage
WAB021	1347	'1152125_/_1152122'	0.03	0.07	0.07	0.04	0.1	0.12	0.87 No	0.03	Primary Over-Voltage
WAB021	1348	'1151722_/_1151732'	0.03	0.07	0.07	0.04	0.5	0.12	0.87 No	0.03	Primary Over-Voltage
WAB021	1349	'1167246_/_1167243'	0.03	0.07	0.1	0.032	0.1	0.12	0.87 No	0.03	Primary Over-Voltage
WAB021	1350	'1167071_/_1167081'	0.03	0.07	0.1	0.032	0.1	0.12	0.87 No	0.03	Primary Over-Voltage
WAB021	1351	'1152202_/_1168178'	0.03	0.07	0.07	0.04	0.1	0.12	0.87 No	0.03	Primary Over-Voltage
WAB021	1352	'42963270_/_1167490'	0.03	0.07	0.1	0.032	0.1	0.12	0.87 No	0.03	Primary Over-Voltage
WAB021	1353	'1167152_/_1167149'	0.03	0.07	0.1	0.032	0.1	0.12	0.87 No	0.03	Primary Over-Voltage
WAB021	1354	'1167259_/_1167256'	0.03	0.07	0.1	0.032	0.1	0.12	0.87 No	0.03	Primary Over-Voltage
WAB021	1355	'1167058_/_1167068'	0.03	0.07	0.1	0.032	0.1	0.12	0.87 No	0.03	Primary Over-Voltage
WAB021	1356	'1151709_/_1151719'	0.03	0.07	0.07	0.04	0.5	0.12	0.87 No	0.03	Primary Over-Voltage
WAB021	1357	'1167493_/_42963272'	0.03	0.07	0.1	0.032	0.1	0.12	0.87 No	0.03	Primary Over-Voltage
WAB021	1358	'1152203_/_1152200'	0.03	0.07	0.07	0.04	0.1	0.12	0.87 No	0.03	Primary Over-Voltage
WAB021	1359	'1167057_/_1167055'	0.03	0.07	0.1	0.032	0.1	0.12	0.87 No	0.03	Primary Over-Voltage
WAB021	1360	'1167165_/_1167162'	0.03	0.07	0.1	0.032	0.1	0.12	0.87 No	0.03	Primary Over-Voltage
WAB021	1361	'1167272_/_1167269'	0.03	0.07	0.1	0.032	0.1	0.12	0.87 No	0.03	Primary Over-Voltage
WAB021	1362	'1151696_/_1151706'	0.03	0.07	0.07	0.04	0.5	0.12	0.87 No	0.03	Primary Over-Voltage
WAB021	1363	'1152216_/_1152213'	0.03	0.07	0.07	0.04	0.1	0.12	0.87 No	0.03	Primary Over-Voltage
WAB021	1364	'428935980_/_1152226'	0.03	0.07	0.07	0.04	0.1	0.12	0.87 No	0.03	Primary Over-Voltage
WAB021	1365	'1166788_/_1167610'	0.03	0.07	0.1	0.032	0.1	0.12	0.87 No	0.03	Primary Over-Voltage
WAB021	1366	'42967408_/_1186555'	0.03	0.07	0.1	0.032	0.1	0.12	0.87 No	0.03	Primary Over-Voltage
WAB021	1367	'42961511_/_428935982'	0.03	0.07	0.07	0.04	0.1	0.12	0.87 No	0.03	Primary Over-Voltage
WAB021	1368	'1167285_/_1167282'	0.03	0.07	0.1	0.032	0.1	0.12	0.87 No	0.03	Primary Over-Voltage
WAB021	1369	'8151858_/_72895173_1'	0.03	0.07	0.1	0.032	0.1	0.12	0.87 No	0.03	Primary Over-Voltage
WAB021	1370	'1151683_/_1151693'	0.03	0.07	0.07	0.04	0.5	0.12	0.87 No	0.03	Primary Over-Voltage
WAB021	1371	'1166789_/_1166786'	0.03	0.07	0.1	0.032	0.1	0.12	0.87 No	0.03	Primary Over-Voltage
WAB021	1372	'72895168_/_72895173_2'	0.03	0.07	0.1	0.032	0.1	0.12	0.87 No	0.03	Primary Over-Voltage
WAB021	1373	'1166802_/_1166799'	0.03	0.07	0.1	0.032	0.1	0.12	0.87 No	0.03	Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
WAB021	1374	'1167298_/_1167295'	0.03	0.07	0.1	0.032	0.1	0.12	0.87 No	0.03	Primary Over-Voltage
WAB021	1375	'1186544_/_42967410'	0.03	0.07	0.1	0.032	0.1	0.12	0.87 No	0.03	Primary Over-Voltage
WAB021	1376	'7201271_/_8781182_1'	0.03	0.07	0.1	0.032	0.1	0.12	0.87 No	0.03	Primary Over-Voltage
WAB021	1377	'1166818_/_1166815'	0.03	0.07	0.1	0.032	0.1	0.12	0.87 No	0.03	Primary Over-Voltage
WAB021	1378	'1152372_/_42961513'	0.03	0.07	0.07	0.04	0.1	0.12	0.87 No	0.03	Primary Over-Voltage
WAB021	1379	'1151682_/_1151680'	0.03	0.07	0.07	0.04	0.5	0.12	0.87 No	0.03	Primary Over-Voltage
WAB021	1380	'1166831_/_1166828'	0.03	0.07	0.1	0.032	0.1	0.12	0.87 No	0.03	Primary Over-Voltage
WAB021	1381	'349167178_/_72011198'	0.03	0.07	0.07	0.04	0.1	0.12	0.87 No	0.03	Primary Over-Voltage
WAB021	1382	'1167177_/_1186542'	0.03	0.07	0.1	0.032	0.1	0.12	0.87 No	0.03	Primary Over-Voltage
WAB021	1383	'1166844_/_1166841'	0.03	0.07	0.1	0.032	0.1	0.12	0.87 No	0.03	Primary Over-Voltage
WAB021	1384	'42961423_/_42961425'	0.03	0.07	0.07	0.04	0.5	0.12	0.87 No	0.03	Primary Over-Voltage
WAB021	1385	'1167311_/_1167308'	0.03	0.07	0.1	0.032	0.1	0.12	0.87 No	0.03	Primary Over-Voltage
WAB021	1386	'349167160_/_349167198'	0.03	0.07	0.07	0.04	0.1	0.12	0.87 No	0.03	Primary Over-Voltage
WAB021	1387	'1152385_/_1152382'	0.03	0.07	0.07	0.04	0.1	0.12	0.87 No	0.03	Primary Over-Voltage
WAB021	1388	'1166857_/_1166854'	0.03	0.07	0.1	0.032	0.1	0.12	0.87 No	0.03	Primary Over-Voltage
WAB021	1389	'7201201_/_349167162'	0.03	0.07	0.07	0.04	0.1	0.12	0.87 No	0.03	Primary Over-Voltage
WAB021	1390	'1151670_/_1151771'	0.03	0.07	0.07	0.04	0.5	0.12	0.87 No	0.03	Primary Over-Voltage
WAB021	1391	'1167324_/_1167321'	0.03	0.07	0.1	0.032	0.1	0.12	0.87 No	0.03	Primary Over-Voltage
WAB021	1392	'1167178_/_1167175'	0.03	0.07	0.1	0.032	0.1	0.12	0.87 No	0.03	Primary Over-Voltage
WAB021	1393	'1166870_/_1166867'	0.03	0.07	0.1	0.032	0.1	0.12	0.87 No	0.03	Primary Over-Voltage
WAB021	1394	'1167337_/_1167334'	0.03	0.07	0.1	0.032	0.1	0.12	0.87 No	0.03	Primary Over-Voltage
WAB021	1395	'1151657_/_1151667'	0.03	0.07	0.07	0.04	0.5	0.12	0.87 No	0.03	Primary Over-Voltage
WAB021	1396	'1167191_/_1167188'	0.03	0.07	0.1	0.032	0.1	0.12	0.87 No	0.03	Primary Over-Voltage
WAB021	1397	'1152397_/_1152408'	0.03	0.07	0.07	0.04	0.1	0.12	0.87 No	0.03	Primary Over-Voltage
WAB021	1398	'42963214_/_1166880'	0.03	0.07	0.1	0.032	0.1	0.12	0.87 No	0.03	Primary Over-Voltage
WAB021	1399	'1167350_/_1167347'	0.03	0.07	0.1	0.032	0.1	0.12	0.87 No	0.03	Primary Over-Voltage
WAB021	1400	'1151566_/_1151654'	0.03	0.07	0.07	0.04	0.5	0.11	0.87 No	0.03	Primary Over-Voltage
WAB021	1401	'276768307_/_1151563_2'	0.03	0.07	0.07	0.04	0.5	0.11	0.87 No	0.03	Primary Over-Voltage
WAB021	1402	'1161993_/_1167691'	0.03	0.07	0.1	0.032	0.1	0.11	0.87 No	0.03	Primary Over-Voltage
WAB021	1403	'42963226_/_42963216'	0.03	0.07	0.1	0.032	0.1	0.11	0.87 No	0.03	Primary Over-Voltage
WAB021	1404	'1166896_/_1167042_2'	0.03	0.07	0.1	0.032	0.1	0.11	0.87 No	0.03	Primary Over-Voltage
WAB021	1405	'1167032_/_1167042_1'	0.03	0.07	0.1	0.032	0.1	0.11	0.87 No	0.03	Primary Over-Voltage
WAB021	1406	'42961522_/_1152395'	0.03	0.07	0.07	0.04	0.1	0.11	0.87 No	0.03	Primary Over-Voltage
WAB021	1407	'1151553_/_1151563_1'	0.03	0.07	0.07	0.04	0.1	0.11	0.87 No	0.03	Primary Over-Voltage
WAB021	1408	'1167019_/_1167029'	0.03	0.07	0.1	0.032	0.1	0.11	0.87 No	0.03	Primary Over-Voltage
WAB021	1409	'1167006_/_1167016'	0.03	0.07	0.1	0.032	0.1	0.11	0.87 No	0.03	Primary Over-Voltage
WAB021	1410	'1161994_/_1161991'	0.03	0.07	0.1	0.032	0.1	0.11	0.87 No	0.03	Primary Over-Voltage
WAB021	1411	'1151540_/_1151550'	0.03	0.07	0.07	0.04	0.1	0.11	0.87 No	0.03	Primary Over-Voltage
WAB021	1412	'1166993_/_1167003'	0.03	0.07	0.1	0.032	0.1	0.11	0.87 No	0.03	Primary Over-Voltage
WAB021	1413	'72895064_/_72895211'	0.03	0.07	0.1	0.032	0.1	0.11	0.87 No	0.03	Primary Over-Voltage
WAB021	1414	'42965943_/_1177866'	0.03	0.07	0.1	0.032	0.1	0.11	0.87 No	0.03	Primary Over-Voltage
WAB021	1415	'437701556_/_1162004'	0.03	0.07	0.1	0.032	0.1	0.11	0.87 No	0.03	Primary Over-Voltage
WAB021	1416	'42961434_/_1151576'	0.03	0.07	0.07	0.04	0.5	0.11	0.87 No	0.03	Primary Over-Voltage
WAB021	1417	'1151579_/_1151589_1'	0.03	0.07	0.07	0.04	0.1	0.11	0.87 No	0.03	Primary Over-Voltage
WAB021	1418	'1166980_/_1166990'	0.03	0.07	0.1	0.032	0.1	0.11	0.87 No	0.03	Primary Over-Voltage
WAB021	1419	'1162007_/_42965004'	0.03	0.07	0.1	0.032	0.1	0.11	0.87 No	0.03	Primary Over-Voltage
WAB021	1420	'1152242_/_1152239'	0.03	0.07	0.07	0.04	0.1	0.11	0.87 No	0.03	Primary Over-Voltage
WAB021	1421	'1166967_/_1166977'	0.03	0.07	0.1	0.032	0.1	0.11	0.87 No	0.03	Primary Over-Voltage
WAB021	1422	'8152013_/_8781182_2'	0.03	0.07	0.1	0.032	0.1	0.11	0.87 No	0.03	Primary Over-Voltage
WAB021	1423	'1151527_/_1151537'	0.03	0.07	0.07	0.04	0.1	0.11	0.87 No	0.03	Primary Over-Voltage
WAB021	1424	'1166954_/_1166964'	0.03	0.07	0.1	0.032	0.1	0.11	0.87 No	0.03	Primary Over-Voltage
WAB021	1425	'1166941_/_1166951'	0.03	0.07	0.1	0.032	0.1	0.11	0.87 No	0.03	Primary Over-Voltage
WAB021	1426	'1167362_/_42965945'	0.03	0.07	0.1	0.032	0.1	0.11	0.87 No	0.03	Primary Over-Voltage
WAB021	1427	'1151592_/_1151589_2'	0.03	0.07	0.07	0.04	0.1	0.11	0.87 No	0.03	Primary Over-Voltage
WAB021	1428	'1166928_/_1166938'	0.03	0.07	0.1	0.032	0.1	0.11	0.87 No	0.03	Primary Over-Voltage
WAB021	1429	'1152255_/_1152252'	0.03	0.07	0.07	0.04	0.1	0.11	0.87 No	0.03	Primary Over-Voltage
WAB021	1430	'1166912_/_1166925'	0.03	0.07	0.1	0.032	0.1	0.11	0.87 No	0.03	Primary Over-Voltage
WAB021	1431	'1151514_/_1151524'	0.03	0.07	0.07	0.04	0.1	0.11	0.87 No	0.03	Primary Over-Voltage
WAB021	1432	'42963237_/_42963239'	0.03	0.07	0.1	0.032	0.1	0.11	0.87 No	0.03	Primary Over-Voltage
WAB021	1433	'1167363_/_1167360'	0.03	0.07	0.1	0.032	0.1	0.11	0.87 No	0.03	Primary Over-Voltage
WAB021	1434	'1166911_/_1166909'	0.03	0.07	0.1	0.032	0.1	0.11	0.87 No	0.03	Primary Over-Voltage
WAB021	1435	'1151605_/_1151602'	0.03	0.03	0.07	0.04	0.1	0.11	0.87 No	0.03	Primary Over-Voltage
WAB021	1436	'1152268_/_1152265'	0.03	0.07	0.07	0.04	0.1	0.11	0.87 No	0.03	Primary Over-Voltage
WAB021	1437	'8152014_/_8152011'	0.03	0.07	0.1	0.032	0.1	0.11	0.87 No	0.03	Primary Over-Voltage
WAB021	1438	'1151500_/_1151511'	0.03	0.03	0.07	0.04	0.1	0.11	0.87 No	0.03	Primary Over-Voltage
WAB021	1439	'42966982_/_42966984'	0.03	0.03	0.07	0.04	0.1	0.11	0.87 No	0.03	Primary Over-Voltage
WAB021	1440	'1167376_/_1167373'	0.03	0.07	0.1	0.032	0.1	0.11	0.87 No	0.03	Primary Over-Voltage
WAB021	1441	'1183356_/_1183354'	0.03	0.03	0.07	0.04	0.1	0.11	0.87 No	0.03	Primary Over-Voltage
WAB021	1442	'1152281_/_1152278'	0.03	0.03	0.07	0.04	0.1	0.11	0.87 No	0.03	Primary Over-Voltage
WAB021	1443	'1151501_/_1151498'	0.03	0.03	0.07	0.04	0.1	0.11	0.87 No	0.03	Primary Over-Voltage
WAB021	1444	'1151618_/_1151615'	0.03	0.03	0.07	0.04	0.1	0.11	0.87 No	0.03	Primary Over-Voltage
WAB021	1445	'8152030_/_8152027'	0.03	0.07	0.1	0.032	0.1	0.11	0.87 No	0.03	Primary Over-Voltage
WAB021	1446	'42961445_/_1151745'	0.03	0.03	0.07	0.04	0.1	0.11	0.87 No	0.03	Primary Over-Voltage
WAB021	1447	'1167389_/_1167386'	0.03	0.07	0.1	0.032	0.1	0.11	0.87 No	0.03	Primary Over-Voltage
WAB021	1448	'1152294_/_1152291'	0.03	0.03	0.07	0.04	0.1	0.11	0.87 No	0.03	Primary Over-Voltage
WAB021	1449	'1151748_/_42961447'	0.03	0.03	0.07	0.04	0.1	0.11	0.87 No	0.03	Primary Over-Voltage
WAB021	1450	'1151631_/_1151628'	0.03	0.03	0.07	0.04	0.1	0.11	0.87 No	0.03	Primary Over-Voltage
WAB021	1451	'1167402_/_1167399'	0.03	0.03	0.1	0.032	0.1	0.11	0.87 No	0.03	Primary Over-Voltage
WAB021	1452	'1152307_/_1152304'	0.03	0.03	0.07	0.04	0.1	0.11	0.87 No	0.03	Primary Over-Voltage
WAB021	1453	'1151644_/_1151641'	0.03	0.03	0.07	0.04	0.1	0.11	0.87 No	0.03	Primary Over-Voltage
WAB021	1454	'1152320_/_1152317'	0.03	0.03	0.07	0.04	0.1	0.11	0.87 No	0.03	Primary Over-Voltage
WAB021	1455	'440830599_/_1152330'	0.03	0.03	0.07	0.04	0.1	0.11	0.87 No	0.03	Primary Over-Voltage
WAB021	1456	'1167415_/_1167412'	0.03	0.03	0.1	0.032	0.1	0.11	0.87 No	0.03	Primary Over-Voltage
WAB021	1457	'440830673_/_440830494'	0.03	0.03	0.07	0.04	0.1	0.11	0.87 No	0.03	Primary Over-Voltage
WAB021	1458	'1153109_/_1169237'	0.03	0.03	0.07	0.04	0.1	0.11	0.87 No	0.03	Primary Over-Voltage
WAB021	1459	'1167428_/_1167425'	0.03	0.03	0.1	0.032	0.1	0.11	0.87 No	0.03	Primary Over-Voltage
WAB021	1460	'1152345_/_42961535'	0.03	0.03	0.07	0.04	0.1	0.11	0.87 No	0.03	Primary Over-Voltage
WAB021	1461	'126217865_/_126217876'	0.03	0.03	0.1	0.032	0.1	0.11	0.87 No	0.03	Primary Over-Voltage
WAB021	1462	'1153096_/_1153106'	0.03	0.03	0.07	0.04	0.1	0.11	0.87 No	0.03	Primary Over-Voltage
WAB021	1463	'413603771_/_413603736_1'	0.03	0.03	0.07	0.04	0.1	0.11	0.87 No	0.03	Primary Over-Voltage
WAB021	1464	'1167441_/_1167438'	0.03	0.03	0.1	0.032	0.1	0.11	0.87 No	0.03	Primary Over-Voltage
WAB021	1465	'413603717_/_413603736_2'	0.03	0.03	0.07	0.04	0.1	0.11	0.87 No	0.03	Primary Over-Voltage
WAB021	1466	'1152346_/_1152343'	0.03	0.03	0.07	0.04	0.1	0.11	0.87 No	0.03	Primary Over-Voltage
WAB021	1467	'72895076_/_72895123'	0.03	0.03	0.1	0.032	0.1	0.11	0.87 No	0.03	Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
WAB021	1468	'1167454_/_1167451'	0.03	0.03	0.03	0.1	0.032	0.1	0.11	0.87 No	0.03 Primary Over-Voltage
WAB021	1469	'1153083_/_1153093'	0.03	0.03	0.03	0.07	0.04	0.1	0.11	0.87 No	0.03 Primary Over-Voltage
WAB021	1470	'1167519_/_1167516'	0.03	0.03	0.03	0.1	0.032	0.1	0.11	0.87 No	0.03 Primary Over-Voltage
WAB021	1471	'126217904_/_126217915'	0.03	0.03	0.03	0.1	0.032	0.1	0.11	0.87 No	0.03 Primary Over-Voltage
WAB021	1472	'42963281_/_1167529'	0.03	0.03	0.03	0.1	0.032	0.1	0.11	0.87 No	0.03 Primary Over-Voltage
WAB021	1473	'1153070_/_1153080'	0.03	0.03	0.03	0.07	0.04	0.1	0.11	0.87 No	0.03 Primary Over-Voltage
WAB021	1474	'1167467_/_1167464'	0.03	0.03	0.03	0.1	0.032	0.1	0.11	0.87 No	0.03 Primary Over-Voltage
WAB021	1475	'42961544_/_1168204'	0.03	0.03	0.03	0.07	0.04	0.1	0.11	0.87 No	0.03 Primary Over-Voltage
WAB021	1476	'1153057_/_1153067'	0.03	0.03	0.03	0.07	0.04	0.1	0.11	0.87 No	0.03 Primary Over-Voltage
WAB021	1477	'1167545_/_42963283'	0.03	0.03	0.03	0.1	0.032	0.1	0.11	0.87 No	0.03 Primary Over-Voltage
WAB021	1478	'1167480_/_1167477'	0.03	0.03	0.03	0.1	0.032	0.1	0.11	0.87 No	0.03 Primary Over-Voltage
WAB021	1479	'1153044_/_1153054'	0.03	0.03	0.03	0.07	0.04	0.1	0.11	0.87 No	0.03 Primary Over-Voltage
WAB021	1480	'347941250_/_1153135_1'	0.03	0.03	0.03	0.07	0.04	0.1	0.11	0.87 No	0.03 Primary Over-Voltage
WAB021	1481	'1152423_/_42961546'	0.03	0.03	0.03	0.07	0.04	0.1	0.11	0.87 No	0.03 Primary Over-Voltage
WAB021	1482	'1167558_/_1167555'	0.03	0.03	0.03	0.1	0.032	0.1	0.11	0.87 No	0.03 Primary Over-Voltage
WAB021	1483	'1153138_/_1153135_2'	0.03	0.03	0.03	0.07	0.04	0.1	0.11	0.87 No	0.03 Primary Over-Voltage
WAB021	1484	'42965806_/_1177002'	0.03	0.03	0.03	0.1	0.032	0.1	0.11	0.87 No	0.03 Primary Over-Voltage
WAB021	1485	'1153294_/_1153291'	0.03	0.03	0.03	0.07	0.04	0.1	0.11	0.87 No	0.03 Primary Over-Voltage
WAB021	1486	'1153031_/_1153041'	0.03	0.03	0.03	0.07	0.04	0.1	0.11	0.87 No	0.03 Primary Over-Voltage
WAB021	1487	'1167571_/_1167568'	0.03	0.03	0.03	0.1	0.032	0.1	0.11	0.87 No	0.03 Primary Over-Voltage
WAB021	1488	'42961610_/_1153148'	0.03	0.03	0.03	0.07	0.04	0.1	0.11	0.87 No	0.03 Primary Over-Voltage
WAB021	1489	'1152424_/_1152421'	0.03	0.03	0.03	0.07	0.04	0.1	0.11	0.87 No	0.03 Primary Over-Voltage
WAB021	1490	'8463402_/_9411610'	0.03	0.03	0.03	0.1	0.032	0.1	0.11	0.87 No	0.03 Primary Over-Voltage
WAB021	1491	'1153018_/_1153028'	0.03	0.03	0.03	0.07	0.04	0.1	0.11	0.87 No	0.03 Primary Over-Voltage
WAB021	1492	'42963292_/_1167581'	0.03	0.03	0.03	0.1	0.032	0.1	0.11	0.87 No	0.03 Primary Over-Voltage
WAB021	1493	'1177005_/_42965808'	0.03	0.03	0.03	0.1	0.032	0.1	0.11	0.87 No	0.03 Primary Over-Voltage
WAB021	1494	'1153163_/_42961612'	0.03	0.03	0.03	0.07	0.04	0.1	0.11	0.87 No	0.03 Primary Over-Voltage
WAB021	1495	'42961577_/_1152434'	0.03	0.03	0.03	0.07	0.04	0.1	0.11	0.87 No	0.03 Primary Over-Voltage
WAB021	1496	'1167584_/_42963294'	0.03	0.03	0.03	0.1	0.032	0.1	0.1	0.87 No	0.03 Primary Over-Voltage
WAB021	1497	'1153005_/_1153015'	0.03	0.03	0.03	0.07	0.04	0.1	0.1	0.87 No	0.03 Primary Over-Voltage
WAB021	1498	'42961599_/_42961601'	0.03	0.03	0.03	0.07	0.04	0.1	0.1	0.87 No	0.03 Primary Over-Voltage
WAB021	1499	'7470731_/_8463400'	0.03	0.03	0.03	0.1	0.032	0.1	0.1	0.87 No	0.03 Primary Over-Voltage
WAB021	1500	'1140458_/_42961579'	0.03	0.03	0.03	0.07	0.04	0.1	0.1	0.87 No	0.03 Primary Over-Voltage
WAB021	1501	'42961555_/_1140456'	0.03	0.03	0.03	0.07	0.04	0.1	0.1	0.87 No	0.03 Primary Over-Voltage
WAB021	1502	'1153164_/_1153161'	0.03	0.03	0.03	0.07	0.04	0.1	0.1	0.87 No	0.03 Primary Over-Voltage
WAB021	1503	'1152648_/_1152645'	0.03	0.03	0.03	0.07	0.04	0.1	0.1	0.87 No	0.03 Primary Over-Voltage
WAB021	1504	'1153121_/_1153119'	0.03	0.03	0.03	0.07	0.04	0.1	0.1	0.87 No	0.03 Primary Over-Voltage
WAB021	1505	'1152992_/_1153002'	0.03	0.03	0.03	0.07	0.04	0.1	0.1	0.87 No	0.03 Primary Over-Voltage
WAB021	1506	'1152661_/_1152658'	0.03	0.03	0.03	0.07	0.04	0.1	0.1	0.87 No	0.03 Primary Over-Voltage
WAB021	1507	'1153177_/_1153174'	0.03	0.03	0.03	0.07	0.04	0.1	0.1	0.87 No	0.03 Primary Over-Voltage
WAB021	1508	'1152677_/_1152674'	0.03	0.03	0.03	0.07	0.04	0.1	0.1	0.87 No	0.03 Primary Over-Voltage
WAB021	1509	'1152449_/_1169016'	0.03	0.03	0.03	0.07	0.04	0.1	0.1	0.87 No	0.03 Primary Over-Voltage
WAB021	1510	'1152979_/_1152989'	0.03	0.03	0.03	0.07	0.04	0.1	0.1	0.87 No	0.03 Primary Over-Voltage
WAB021	1511	'40366532_/_7470729'	0.03	0.03	0.03	0.1	0.032	0.1	0.1	0.87 No	0.03 Primary Over-Voltage
WAB021	1512	'1152690_/_1152687'	0.03	0.03	0.03	0.07	0.04	0.1	0.1	0.87 No	0.03 Primary Over-Voltage
WAB021	1513	'1152450_/_1152447'	0.03	0.03	0.03	0.07	0.04	0.1	0.1	0.87 No	0.03 Primary Over-Voltage
WAB021	1514	'1153190_/_1153187'	0.03	0.03	0.03	0.07	0.04	0.1	0.1	0.87 No	0.03 Primary Over-Voltage
WAB021	1515	'1152703_/_1152700'	0.03	0.03	0.03	0.07	0.04	0.1	0.1	0.87 No	0.03 Primary Over-Voltage
WAB021	1516	'1152635_/_1152632'	0.03	0.03	0.03	0.07	0.04	0.1	0.1	0.87 No	0.03 Primary Over-Voltage
WAB021	1517	'1152966_/_1152976'	0.03	0.03	0.03	0.07	0.04	0.1	0.1	0.87 No	0.03 Primary Over-Voltage
WAB021	1518	'1153203_/_1153200'	0.03	0.03	0.03	0.07	0.04	0.1	0.1	0.87 No	0.03 Primary Over-Voltage
WAB021	1519	'42961566_/_1152713'	0.03	0.03	0.03	0.07	0.04	0.1	0.1	0.87 No	0.03 Primary Over-Voltage
WAB021	1520	'1152716_/_8151707_2'	0.03	0.03	0.03	0.07	0.04	0.1	0.1	0.87 No	0.03 Primary Over-Voltage
WAB021	1521	'1152463_/_430675024'	0.03	0.03	0.03	0.07	0.04	0.1	0.1	0.87 No	0.03 Primary Over-Voltage
WAB021	1522	'1153216_/_1153213'	0.03	0.03	0.03	0.07	0.04	0.1	0.1	0.87 No	0.03 Primary Over-Voltage
WAB021	1523	'1152953_/_1152963'	0.03	0.03	0.03	0.07	0.04	0.1	0.1	0.87 No	0.03 Primary Over-Voltage
WAB021	1524	'8151710_/_8151707_1'	0.03	0.03	0.03	0.07	0.04	0.1	0.1	0.87 No	0.03 Primary Over-Voltage
WAB021	1525	'1152476_/_1152473'	0.03	0.03	0.03	0.07	0.04	0.1	0.1	0.87 No	0.03 Primary Over-Voltage
WAB021	1526	'1153229_/_1153226'	0.03	0.03	0.03	0.07	0.04	0.1	0.1	0.87 No	0.03 Primary Over-Voltage
WAB021	1527	'1152489_/_1152486'	0.03	0.03	0.03	0.07	0.04	0.1	0.1	0.87 No	0.03 Primary Over-Voltage
WAB021	1528	'1152940_/_1152950'	0.03	0.03	0.03	0.07	0.04	0.1	0.1	0.87 No	0.03 Primary Over-Voltage
WAB021	1529	'1153242_/_1153239'	0.03	0.03	0.03	0.07	0.04	0.1	0.1	0.87 No	0.03 Primary Over-Voltage
WAB021	1530	'1152502_/_1152499'	0.03	0.03	0.03	0.07	0.04	0.1	0.1	0.87 No	0.03 Primary Over-Voltage
WAB021	1531	'1153255_/_1153252'	0.03	0.03	0.03	0.07	0.04	0.1	0.1	0.87 No	0.03 Primary Over-Voltage
WAB021	1532	'1152939_/_1152937'	0.03	0.03	0.03	0.07	0.04	0.1	0.1	0.87 No	0.03 Primary Over-Voltage
WAB021	1533	'1152515_/_1152512'	0.03	0.03	0.03	0.07	0.04	0.1	0.1	0.87 No	0.03 Primary Over-Voltage
WAB021	1534	'1153268_/_1153265'	0.03	0.03	0.03	0.07	0.04	0.1	0.1	0.87 No	0.03 Primary Over-Voltage
WAB021	1535	'42961632_/_1168306'	0.03	0.03	0.03	0.07	0.04	0.1	0.1	0.87 No	0.03 Primary Over-Voltage
WAB021	1536	'1152528_/_1152525'	0.03	0.03	0.03	0.07	0.04	0.1	0.1	0.87 No	0.03 Primary Over-Voltage
WAB021	1537	'1153489_/_1153629'	0.03	0.03	0.03	0.07	0.04	0.1	0.1	0.87 No	0.03 Primary Over-Voltage
WAB021	1538	'1152544_/_1152541'	0.03	0.03	0.03	0.07	0.04	0.1	0.1	0.87 No	0.03 Primary Over-Voltage
WAB021	1539	'1153476_/_1153486'	0.03	0.03	0.03	0.07	0.04	0.1	0.1	0.87 No	0.03 Primary Over-Voltage
WAB021	1540	'1153463_/_1153473'	0.03	0.03	0.03	0.07	0.04	0.1	0.1	0.87 No	0.03 Primary Over-Voltage
WAB021	1541	'1152557_/_1152554'	0.03	0.03	0.03	0.07	0.04	0.1	0.1	0.87 No	0.03 Primary Over-Voltage
WAB021	1542	'1153449_/_1153460'	0.03	0.03	0.03	0.07	0.04	0.1	0.1	0.87 No	0.03 Primary Over-Voltage
WAB021	1543	'1152570_/_1152567'	0.03	0.03	0.03	0.07	0.04	0.1	0.1	0.87 No	0.03 Primary Over-Voltage
WAB021	1544	'1153436_/_1153447'	0.03	0.03	0.03	0.07	0.04	0.1	0.1	0.87 No	0.03 Primary Over-Voltage
WAB021	1545	'1153423_/_1153434'	0.03	0.03	0.03	0.07	0.04	0.1	0.1	0.87 No	0.03 Primary Over-Voltage
WAB021	1546	'1152583_/_1152580'	0.03	0.03	0.03	0.07	0.04	0.1	0.1	0.87 No	0.03 Primary Over-Voltage
WAB021	1547	'1153410_/_1153421'	0.03	0.03	0.03	0.07	0.04	0.1	0.1	0.87 No	0.03 Primary Over-Voltage
WAB021	1548	'38859396_/_51227485'	0.03	0.03	0.03	0.1	0.032	0.1	0.1	0.87 No	0.03 Primary Over-Voltage
WAB021	1549	'1152596_/_1152593'	0.03	0.03	0.03	0.07	0.04	0.1	0.1	0.87 No	0.03 Primary Over-Voltage
WAB021	1550	'1153411_/_1153408'	0.03	0.03	0.03	0.07	0.04	0.1	0.1	0.87 No	0.03 Primary Over-Voltage
WAB021	1551	'51227526_/_44091500'	0.03	0.03	0.03	0.1	0.032	0.1	0.1	0.87 No	0.03 Primary Over-Voltage
WAB021	1552	'1152609_/_1152606'	0.03	0.03	0.03	0.07	0.04	0.1	0.1	0.87 No	0.03 Primary Over-Voltage
WAB021	1553	'1176093_/_1176103'	0.03	0.03	0.03	0.07	0.04	0.1	0.1	0.87 No	0.03 Primary Over-Voltage
WAB021	1554	'1152622_/_1152619'	0.03	0.03	0.03	0.07	0.04	0.1	0.1	0.87 No	0.03 Primary Over-Voltage
WAB021	1555	'1153398_/_1176090'	0.03	0.03	0.03	0.07	0.04	0.1	0.1	0.87 No	0.03 Primary Over-Voltage
WAB021	1556	'1176118_/_1176116'	0.03	0.03	0.03	0.07	0.04	0.1	0.1	0.87 No	0.03 Primary Over-Voltage
WAB021	1557	'1153502_/_1153512_1'	0.03	0.03	0.03	0.07	0.04	0.1	0.1	0.87 No	0.03 Primary Over-Voltage
WAB021	1558	'51227558_/_51227592'	0.03	0.03	0.03	0.1	0.032	0.1	0.1	0.87 No	0.03 Primary Over-Voltage
WAB021	1559	'1152729_/_1152726'	0.03	0.03	0.03	0.07	0.04	0.1	0.1	0.87 No	0.03 Primary Over-Voltage
WAB021	1560	'1									

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
WAB021	1562	'1153385_/_1153395'	0.03	0.03	0.03	0.07	0.04	0.1	0.1	0.87 No	0.03 Primary Over-Voltage
WAB021	1563	'1152742_/_1152739'	0.03	0.03	0.03	0.07	0.04	0.1	0.1	0.87 No	0.03 Primary Over-Voltage
WAB021	1564	'1153528_/_1153525'	0.03	0.03	0.03	0.07	0.04	0.1	0.1	0.87 No	0.03 Primary Over-Voltage
WAB021	1565	'315536971_/_315536973'	0.03	0.03	0.03	0.07	0.04	0.1	0.1	0.87 No	0.03 Primary Over-Voltage
WAB021	1566	'1153372_/_1153382'	0.03	0.03	0.03	0.07	0.04	0.1	0.1	0.87 No	0.03 Primary Over-Voltage
WAB021	1567	'1152755_/_1152752'	0.03	0.03	0.03	0.07	0.04	0.1	0.1	0.87 No	0.03 Primary Over-Voltage
WAB021	1568	'1153541_/_1153538'	0.03	0.03	0.03	0.07	0.04	0.1	0.1	0.87 No	0.03 Primary Over-Voltage
WAB021	1569	'1152768_/_1152765'	0.03	0.03	0.03	0.07	0.04	0.1	0.09	0.87 No	0.03 Primary Over-Voltage
WAB021	1570	'1153359_/_1153369'	0.03	0.03	0.03	0.07	0.04	0.1	0.09	0.87 No	0.03 Primary Over-Voltage
WAB021	1571	'51227464_/_51227565'	0.03	0.03	0.03	0.1	0.032	0.1	0.1	0.87 No	0.03 Primary Over-Voltage
WAB021	1572	'1153554_/_1153551'	0.03	0.03	0.03	0.07	0.04	0.1	0.09	0.87 No	0.03 Primary Over-Voltage
WAB021	1573	'1152781_/_1152778'	0.03	0.03	0.03	0.07	0.04	0.1	0.09	0.87 No	0.03 Primary Over-Voltage
WAB021	1574	'1153567_/_1153564'	0.03	0.03	0.03	0.07	0.04	0.1	0.09	0.87 No	0.03 Primary Over-Voltage
WAB021	1575	'1153346_/_1153356'	0.03	0.03	0.03	0.07	0.04	0.1	0.09	0.87 No	0.03 Primary Over-Voltage
WAB021	1576	'1152794_/_1152791'	0.03	0.03	0.03	0.07	0.04	0.1	0.09	0.87 No	0.03 Primary Over-Voltage
WAB021	1577	'1153333_/_1153343'	0.03	0.03	0.03	0.07	0.04	0.1	0.09	0.87 No	0.03 Primary Over-Voltage
WAB021	1578	'42961643_/_42961645'	0.03	0.03	0.03	0.07	0.04	0.1	0.09	0.87 No	0.03 Primary Over-Voltage
WAB021	1579	'1153580_/_1153577'	0.03	0.03	0.03	0.07	0.04	0.1	0.09	0.87 No	0.03 Primary Over-Voltage
WAB021	1580	'1152807_/_1152804'	0.03	0.03	0.03	0.07	0.04	0.1	0.09	0.87 No	0.03 Primary Over-Voltage
WAB021	1581	'1153320_/_1153330'	0.03	0.03	0.03	0.07	0.04	0.1	0.09	0.87 No	0.03 Primary Over-Voltage
WAB021	1582	'1153644_/_1153642'	0.03	0.03	0.03	0.07	0.04	0.1	0.09	0.87 No	0.03 Primary Over-Voltage
WAB021	1583	'1153593_/_1153590'	0.03	0.03	0.03	0.07	0.04	0.1	0.09	0.87 No	0.03 Primary Over-Voltage
WAB021	1584	'1152820_/_1152817'	0.03	0.03	0.03	0.07	0.04	0.1	0.09	0.87 No	0.03 Primary Over-Voltage
WAB021	1585	'42961654_/_42961656'	0.03	0.03	0.03	0.07	0.04	0.1	0.09	0.87 No	0.03 Primary Over-Voltage
WAB021	1586	'1153307_/_1153304_2'	0.03	0.03	0.03	0.07	0.04	0.1	0.09	0.87 No	0.03 Primary Over-Voltage
WAB021	1587	'1153606_/_1153603'	0.03	0.03	0.03	0.07	0.04	0.1	0.09	0.87 No	0.03 Primary Over-Voltage
WAB021	1588	'1142563_/_1168282'	0.03	0.03	0.03	0.07	0.04	0.1	0.09	0.87 No	0.03 Primary Over-Voltage
WAB021	1589	'1153306_/_1153304_1'	0.03	0.03	0.03	0.07	0.04	0.1	0.09	0.87 No	0.03 Primary Over-Voltage
WAB021	1590	'1153619_/_1153616'	0.03	0.03	0.03	0.07	0.04	0.1	0.09	0.87 No	0.03 Primary Over-Voltage
WAB021	1591	'58025442_/_51227466'	0.03	0.03	0.03	0.1	0.032	0.1	0.09	0.87 No	0.03 Primary Over-Voltage
WAB021	1592	'1153946_/_1168430'	0.03	0.03	0.03	0.07	0.04	0.1	0.09	0.87 No	0.03 Primary Over-Voltage
WAB021	1593	'42960241_/_1142561'	0.03	0.03	0.03	0.07	0.04	0.1	0.09	0.87 No	0.03 Primary Over-Voltage
WAB021	1594	'1169503_/_1169513'	0.03	0.03	0.03	0.07	0.04	0.1	0.09	0.87 No	0.03 Primary Over-Voltage
WAB021	1595	'1153947_/_1153944'	0.03	0.03	0.03	0.07	0.04	0.1	0.09	0.87 No	0.03 Primary Over-Voltage
WAB021	1596	'1153658_/_1169500'	0.03	0.03	0.03	0.07	0.04	0.1	0.09	0.87 No	0.03 Primary Over-Voltage
WAB021	1597	'1142564_/_42960243'	0.03	0.03	0.03	0.07	0.04	0.1	0.09	0.87 No	0.03 Primary Over-Voltage
WAB021	1598	'1153657_/_1153655'	0.03	0.03	0.03	0.07	0.04	0.1	0.09	0.87 No	0.03 Primary Over-Voltage
WAB021	1599	'1153960_/_1153957'	0.03	0.03	0.03	0.07	0.04	0.1	0.09	0.87 No	0.03 Primary Over-Voltage
WAB021	1600	'1153671_/_1153668'	0.03	0.03	0.03	0.07	0.04	0.1	0.09	0.87 No	0.03 Primary Over-Voltage
WAB021	1601	'1153774_/_1153772'	0.03	0.03	0.03	0.07	0.04	0.1	0.09	0.87 No	0.03 Primary Over-Voltage
WAB021	1602	'1153973_/_1153970'	0.03	0.03	0.03	0.07	0.04	0.1	0.09	0.87 No	0.03 Primary Over-Voltage
WAB021	1603	'1153986_/_1153983'	0.03	0.03	0.03	0.07	0.04	0.1	0.09	0.87 No	0.03 Primary Over-Voltage
WAB021	1604	'1153684_/_1153681'	0.03	0.03	0.03	0.07	0.04	0.1	0.09	0.87 No	0.03 Primary Over-Voltage
WAB021	1605	'1153999_/_1153996'	0.03	0.03	0.03	0.07	0.04	0.1	0.09	0.87 No	0.03 Primary Over-Voltage
WAB021	1606	'1153697_/_1153694'	0.03	0.03	0.03	0.07	0.04	0.1	0.09	0.87 No	0.03 Primary Over-Voltage
WAB021	1607	'42961665_/_1153707'	0.03	0.03	0.03	0.07	0.04	0.1	0.09	0.87 No	0.03 Primary Over-Voltage
WAB021	1608	'1154012_/_1154009'	0.03	0.03	0.03	0.07	0.04	0.1	0.09	0.87 No	0.03 Primary Over-Voltage
WAB021	1609	'1176041_/_1176038'	0.03	0.03	0.03	0.07	0.04	0.1	0.09	0.87 No	0.03 Primary Over-Voltage
WAB021	1610	'1153723_/_42961667'	0.03	0.03	0.03	0.07	0.04	0.1	0.09	0.87 No	0.03 Primary Over-Voltage
WAB021	1611	'1176054_/_1176051'	0.03	0.03	0.03	0.07	0.04	0.1	0.09	0.87 No	0.03 Primary Over-Voltage
WAB021	1612	'1153736_/_1153733'	0.03	0.03	0.03	0.07	0.04	0.1	0.09	0.87 No	0.03 Primary Over-Voltage
WAB021	1613	'1176067_/_1176064'	0.03	0.03	0.03	0.07	0.04	0.1	0.09	0.87 No	0.03 Primary Over-Voltage
WAB021	1614	'1153749_/_1153746'	0.03	0.03	0.03	0.07	0.04	0.1	0.09	0.87 No	0.03 Primary Over-Voltage
WAB021	1615	'1154024_/_1176077'	0.03	0.03	0.03	0.07	0.04	0.1	0.09	0.87 No	0.03 Primary Over-Voltage
WAB021	1616	'1153762_/_1153759'	0.03	0.03	0.03	0.07	0.04	0.1	0.09	0.87 No	0.03 Primary Over-Voltage
WAB021	1617	'1154025_/_1154022'	0.03	0.03	0.03	0.07	0.04	0.1	0.09	0.87 No	0.03 Primary Over-Voltage
WAB021	1618	'1154038_/_1154035'	0.03	0.03	0.03	0.07	0.04	0.1	0.09	0.87 No	0.03 Primary Over-Voltage
WAB021	1619	'1154051_/_1154048'	0.03	0.03	0.03	0.07	0.04	0.1	0.09	0.87 No	0.03 Primary Over-Voltage
WAB021	1620	'42961676_/_1168443'	0.03	0.03	0.03	0.07	0.04	0.1	0.09	0.87 No	0.03 Primary Over-Voltage
WAB021	1621	'1154064_/_1154061'	0.03	0.03	0.03	0.07	0.04	0.1	0.09	0.87 No	0.03 Primary Over-Voltage
WAB021	1622	'1153787_/_42961678'	0.03	0.03	0.03	0.07	0.04	0.1	0.09	0.87 No	0.03 Primary Over-Voltage
WAB021	1623	'1154077_/_1154074'	0.03	0.03	0.03	0.07	0.04	0.1	0.09	0.87 No	0.03 Primary Over-Voltage
WAB021	1624	'51412122_/_51412098_1'	0.03	0.03	0.03	0.07	0.04	0.1	0.09	0.87 No	0.03 Primary Over-Voltage
WAB021	1625	'42961731_/_1154087'	0.03	0.03	0.03	0.07	0.04	0.1	0.09	0.87 No	0.03 Primary Over-Voltage
WAB021	1626	'1153788_/_1153785'	0.03	0.03	0.03	0.07	0.04	0.1	0.09	0.87 No	0.03 Primary Over-Voltage
WAB021	1627	'1154090_/_42961733'	0.03	0.03	0.03	0.07	0.04	0.1	0.09	0.87 No	0.03 Primary Over-Voltage
WAB021	1628	'51412067_/_51412098_2'	0.03	0.03	0.03	0.07	0.04	0.1	0.09	0.87 No	0.03 Primary Over-Voltage
WAB021	1629	'1153801_/_1153798'	0.03	0.03	0.03	0.07	0.04	0.1	0.09	0.87 No	0.03 Primary Over-Voltage
WAB021	1630	'42961698_/_1153811'	0.03	0.03	0.03	0.07	0.04	0.1	0.09	0.87 No	0.03 Primary Over-Voltage
WAB021	1631	'1153843_/_1153840'	0.03	0.03	0.03	0.07	0.04	0.1	0.09	0.87 No	0.03 Primary Over-Voltage
WAB021	1632	'42961709_/_1153827'	0.03	0.03	0.03	0.07	0.04	0.1	0.08	0.87 No	0.03 Primary Over-Voltage
WAB021	1633	'1153856_/_1153853'	0.03	0.03	0.03	0.07	0.04	0.1	0.08	0.87 No	0.03 Primary Over-Voltage
WAB021	1634	'1180299_/_1180296'	0.03	0.03	0.03	0.07	0.04	0.1	0.08	0.87 No	0.03 Primary Over-Voltage
WAB021	1635	'1180315_/_1180312'	0.03	0.03	0.03	0.07	0.04	0.1	0.08	0.87 No	0.03 Primary Over-Voltage
WAB021	1636	'1153830_/_42961711'	0.03	0.03	0.03	0.07	0.04	0.1	0.08	0.87 No	0.03 Primary Over-Voltage
WAB021	1637	'42961720_/_1153866'	0.03	0.03	0.03	0.07	0.04	0.1	0.08	0.87 No	0.03 Primary Over-Voltage
WAB021	1638	'1153881_/_42961722'	0.03	0.03	0.03	0.07	0.04	0.1	0.08	0.87 No	0.03 Primary Over-Voltage
WAB021	1639	'1153882_/_1153879'	0.03	0.03	0.03	0.07	0.04	0.1	0.08	0.87 No	0.03 Primary Over-Voltage
WAB021	1640	'1153908_/_1153905'	0.03	0.03	0.03	0.07	0.04	0.1	0.08	0.87 No	0.03 Primary Over-Voltage
WAB021	1641	'1153921_/_1153918'	0.03	0.03	0.03	0.07	0.04	0.1	0.08	0.87 No	0.03 Primary Over-Voltage
WAB021	1642	'1153934_/_1153931'	0.03	0.03	0.03	0.07	0.04	0.1	0.08	0.87 No	0.03 Primary Over-Voltage
WAB021	1643	'42961687_/_1168469'	0.03	0.03	0.03	0.07	0.04	0.1	0.08	0.87 No	0.03 Primary Over-Voltage
WAB021	1644	'1168472_/_42961689'	0.03	0.03	0.03	0.07	0.04	0.1	0.08	0.87 No	0.03 Primary Over-Voltage
WAB031	0	'WAB031_/_42962197'	0	10	0	0	7.6	10	0	Yes	0 Primary Over-Voltage
WAB031	1	'42962195_/_42962197'	0	10	0	0	7.6	10	0	Yes	0 Primary Over-Voltage
WAB031	2	'1171589_/_1171708'	0	10	0	0	7.6	10	0	Yes	0 Primary Over-Voltage
WAB031	3	'42962169_/_42962171'	0	10	0	0	7.6	10	0	Yes	0 Primary Over-Voltage
WAB031	4	'323018760_/_1155927_1'	0	3.33	0	0	0.4	3.33	0	Yes	0 Primary Over-Voltage
WAB031	5	'58635987_/_1171586'	0	10	0	0	7.6	10	0	Yes	0 Primary Over-Voltage
WAB031	6	'42962060_/_1171313'	0	10	0	0	7.6	10	0	Yes	0 Primary Over-Voltage
WAB031	7	'1155164_/_1171333'	0	10	0	0	7.6	10	0	Yes	0 Primary Over-Voltage
WAB031	8	'1155179_/_1171350'	0	10	0	0	7.6	10	0	Yes	0 Primary Over-Voltage
WAB031	9	'58635963_/_1171367'	0	10	0	0	7.6	10	0	Yes	0 Primary Over-Voltage
WAB031	10	'42962208_/_1155927_2'	0	3.33	0	0	0.4	3.33			

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
WAB031	11	'1171387_/_1171384'	0	10	0	0	0	7.6	10	0 Yes	0 Primary Over-Voltage
WAB031	12	'1155930_/_8463280_2'	0	3.33	0	0	0	0.4	3.33	0 Yes	0 Primary Over-Voltage
WAB031	13	'1171404_/_1171401'	0	10	0	0	0	7.6	10	0 Yes	0 Primary Over-Voltage
WAB031	14	'88830485_/_1171418'	0	10	0	0	0	7.6	10	0 Yes	0 Primary Over-Voltage
WAB031	15	'42962376_/_88830479'	0	10	0	0	0	7.6	10	0 Yes	0 Primary Over-Voltage
WAB031	16	'1171495_/_1171844'	0	10	0	0	0	7.6	10	0 Yes	0 Primary Over-Voltage
WAB031	17	'58638145_/_1180505'	0	10	0	0	0	7.6	10	0 Yes	0 Primary Over-Voltage
WAB031	18	'58638146_/_58638143'	0	10	0	0	0	7.6	10	0 Yes	0 Primary Over-Voltage
WAB031	19	'86670554_/_86670109'	0	10	0	0	0	7.5	10	0 Yes	0 Primary Over-Voltage
WAB031	20	'1171457_/_1171492'	0	10	0	0	0	7.6	10	0 Yes	0 Primary Over-Voltage
WAB031	21	'68524963_/_7160231_1'	0	10	0	0	0	1.3	10	0 Yes	0 Primary Over-Voltage
WAB031	22	'8463283_/_8463280_1'	0	3.33	0	0	0	0.4	3.33	0 Yes	0 Primary Over-Voltage
WAB031	23	'44066842_/_7160231_2'	0	10	0	0	0	1.3	10	0 Yes	0 Primary Over-Voltage
WAB031	24	'1176967_/_86670154'	0	10	0	0	0	7.5	10	0 Yes	0 Primary Over-Voltage
WAB031	25	'42962232_/_1181029'	0	10	0	0	0	7.5	10	0 Yes	0 Primary Over-Voltage
WAB031	26	'42962097_/_44066844'	0	10	0	0	0	1.3	10	0 Yes	0 Primary Over-Voltage
WAB031	27	'86670502_/_86670449_1'	0	3.33	0	0	0	0.4	3.33	0 Yes	0 Primary Over-Voltage
WAB031	28	'1180855_/_42962234'	0	10	0	0	0	7.5	10	0 Yes	0 Primary Over-Voltage
WAB031	29	'42962114_/_42962101'	0	10	0	0	0	1.3	10	0 Yes	0 Primary Over-Voltage
WAB031	30	'1171744_/_1180924'	0	10	0	0	0	7.5	10	0 Yes	0 Primary Over-Voltage
WAB031	31	'1171745_/_1171742'	0	10	0	0	0	7.5	10	0 Yes	0 Primary Over-Voltage
WAB031	32	'42962129_/_42962116'	0	10	0	0	0	1.3	10	0 Yes	0 Primary Over-Voltage
WAB031	33	'42966516_/_1180941'	0	10	0	0	0	7.4	10	0 Yes	0 Primary Over-Voltage
WAB031	34	'42962144_/_42962133'	0	10	0	0	0	1.3	10	0 Yes	0 Primary Over-Voltage
WAB031	35	'1180894_/_42966518'	0	10	0	0	0	7.4	10	0 Yes	0 Primary Over-Voltage
WAB031	36	'1171458_/_1171455'	0	10	0	0	0	7.6	10	0 Yes	0 Primary Over-Voltage
WAB031	37	'1180995_/_1180992'	0	10	0	0	0	7.5	10	0 Yes	0 Primary Over-Voltage
WAB031	38	'42962149_/_42962146'	0	10	0	0	0	1.3	10	0 Yes	0 Primary Over-Voltage
WAB031	39	'1171761_/_1180958'	0	10	0	0	0	7.4	10	0 Yes	0 Primary Over-Voltage
WAB031	40	'1176968_/_86670449_2'	0	3.33	0	0	0	0.4	3.33	0 Yes	0 Primary Over-Voltage
WAB031	41	'1171762_/_1171759'	0	10	0	0	0	7.4	10	0 Yes	0 Primary Over-Voltage
WAB031	42	'1180895_/_1180892'	0	3.33	0	0	0	1.3	3.33	0 Yes	0 Primary Over-Voltage
WAB031	43	'42962084_/_1171475'	0	10	0	0	0	7.6	10	0 Yes	0 Primary Over-Voltage
WAB031	44	'1171779_/_1171776'	0	10	0	0	0	7.4	10	0 Yes	0 Primary Over-Voltage
WAB031	45	'42966529_/_7169897'	0	3.33	0	0	0	1.3	3.33	0 Yes	0 Primary Over-Voltage
WAB031	46	'70302263_/_70302232'	0	10	0	0	0	6.2	10	0 Yes	0 Primary Over-Voltage
WAB031	47	'102833988_/_70302282_1'	0	10	0	0	0	1.4	10	0 Yes	0 Primary Over-Voltage
WAB031	48	'42966540_/_1181012'	0	10	0	0	0	7.5	10	0 Yes	0 Primary Over-Voltage
WAB031	49	'1171282_/_1180975'	0	10	0	0	0	7.4	10	0 Yes	0 Primary Over-Voltage
WAB031	50	'1171796_/_1171793'	0	10	0	0	0	7.4	10	0 Yes	0 Primary Over-Voltage
WAB031	51	'1172029_/_1172043'	0	10	0	0	0	7.4	10	0 Yes	0 Primary Over-Voltage
WAB031	52	'70302326_/_70302282_2'	0	10	0	0	0	1.4	10	0 Yes	0 Primary Over-Voltage
WAB031	53	'7169900_/_42966531'	0	3.33	0	0	0	1.3	3.33	0 Yes	0 Primary Over-Voltage
WAB031	54	'1158186_/_1172026'	0	10	0	0	0	7.4	10	0 Yes	0 Primary Over-Voltage
WAB031	55	'1177237_/_42966542'	0	10	0	0	0	7.5	10	0 Yes	0 Primary Over-Voltage
WAB031	56	'1158187_/_1158184'	0	10	0	0	0	3.7	10	0 Yes	0 Primary Over-Voltage
WAB031	57	'1172973_/_1172970'	0	10	0	0	0	6.2	10	0 Yes	0 Primary Over-Voltage
WAB031	58	'1171259_/_1171279'	0	10	0	0	0	7.4	10	0 Yes	0 Primary Over-Voltage
WAB031	59	'1177203_/_1177235'	0	10	0	0	0	7.5	10	0 Yes	0 Primary Over-Voltage
WAB031	60	'1172995_/_1172993_1'	0	6.67	0	0	0	0.9	6.67	0 Yes	0 Primary Over-Voltage
WAB031	61	'1158204_/_1158201'	0	10	0	0	0	3.7	10	0 Yes	0 Primary Over-Voltage
WAB031	62	'1173029_/_1173039_1'	0	3.33	0	0	0	0.4	3.33	0 Yes	0 Primary Over-Voltage
WAB031	63	'101923475_/_101923505'	0	10	0	0	0	1.4	10	0 Yes	0 Primary Over-Voltage
WAB031	64	'1158221_/_1158218'	0	10	0	0	0	3.7	10	0 Yes	0 Primary Over-Voltage
WAB031	65	'1171258_/_1171256'	0	10	0	0	0	7.4	10	0 Yes	0 Primary Over-Voltage
WAB031	66	'1177204_/_1177201'	0	10	0	0	0	7.5	10	0 Yes	0 Primary Over-Voltage
WAB031	67	'42962956_/_1159269'	0	10	0	0	0	3.7	10	0 Yes	0 Primary Over-Voltage
WAB031	68	'42962917_/_1158238'	0	10	0	0	0	3.7	10	0 Yes	0 Primary Over-Voltage
WAB031	69	'1172996_/_1172993_2'	0	6.67	0	0	0	0.9	6.67	0 Yes	0 Primary Over-Voltage
WAB031	70	'1158258_/_42962919'	0	10	0	0	0	3.7	10	0 Yes	0 Primary Over-Voltage
WAB031	71	'1159215_/_1159213'	0	10	0	0	0	3.7	10	0 Yes	0 Primary Over-Voltage
WAB031	72	'1159443_/_1180381_1'	0	10	0	0	0	1.5	10	0 Yes	0 Primary Over-Voltage
WAB031	73	'1155446_/_1177218'	0	10	0	0	0	7.5	10	0 Yes	0 Primary Over-Voltage
WAB031	74	'1157733_/_1173039_2'	0	3.33	0	0	0	0.4	3.33	0 Yes	0 Primary Over-Voltage
WAB031	75	'1181256_/_1176275'	0	10	0	0	0	7.4	10	0 Yes	0 Primary Over-Voltage
WAB031	76	'1158275_/_1158272'	0	10	0	0	0	3.5	10	0 Yes	0 Primary Over-Voltage
WAB031	77	'440849348_/_1158329_1'	0	10	0	0	0	1.4	10	0 Yes	0 Primary Over-Voltage
WAB031	78	'471377110_/_1180381_2'	0	10	0	0	0	1.5	10	0 Yes	0 Primary Over-Voltage
WAB031	79	'42962943_/_1158329_2'	0	10	0	0	0	1.4	10	0 Yes	0 Primary Over-Voltage
WAB031	80	'1173055_/_1173052_2'	0	3.33	0	0	0	0.4	3.33	0 Yes	0 Primary Over-Voltage
WAB031	81	'1158332_/_8151783_2'	0	10	0	0	0	1.4	10	0 Yes	0 Primary Over-Voltage
WAB031	82	'1171881_/_1171895'	0	10	0	0	0	7.5	10	0 Yes	0 Primary Over-Voltage
WAB031	83	'323018815_/_1167841_1'	0	3.33	0	0	0	0.2	3.33	0 Yes	0 Primary Over-Voltage
WAB031	84	'1157775_/_1173052_1'	0	3.33	0	0	0	0.4	3.33	0 Yes	0 Primary Over-Voltage
WAB031	85	'101923533_/_101923544'	0	10	0	0	0	1.4	10	0 Yes	0 Primary Over-Voltage
WAB031	86	'42962452_/_1167841_2'	0	3.33	0	0	0	0.2	3.33	0 Yes	0 Primary Over-Voltage
WAB031	87	'102200454_/_102200462'	0	10	0	0	0	1.4	10	0 Yes	0 Primary Over-Voltage
WAB031	88	'1158292_/_42962932'	0	10	0	0	0	3.4	10	0 Yes	0 Primary Over-Voltage
WAB031	89	'1155447_/_1155444'	0	10	0	0	0	4.2	10	0 Yes	0 Primary Over-Voltage
WAB031	90	'430931170_/_1158346'	0	6.67	0	0	0	2.27	6.67	0 Yes	0 Primary Over-Voltage
WAB031	91	'1156080_/_42962454'	0	3.33	0	0	0	0.2	3.33	0 Yes	0 Primary Over-Voltage
WAB031	92	'1158312_/_1158309'	0	10	0	0	0	3.4	10	0 Yes	0 Primary Over-Voltage
WAB031	93	'42962441_/_42962443'	0	3.33	0	0	0	0.2	3.33	0 Yes	0 Primary Over-Voltage
WAB031	94	'1171864_/_1171878'	0	10	0	0	0	7.5	10	0 Yes	0 Primary Over-Voltage
WAB031	95	'1174606_/_471377118'	0	10	0	0	0	1.5	10	0 Yes	0 Primary Over-Voltage
WAB031	96	'1157776_/_1157773'	0	3.33	0	0	0	0.4	3.33	0 Yes	0 Primary Over-Voltage
WAB031	97	'1157734_/_1157731'	0	3.33	0	0	0	0.4	3.33	0 Yes	0 Primary Over-Voltage
WAB031	98	'1159309_/_42964423'	0	10	0	0	0	3.4	10	0 Yes	0 Primary Over-Voltage
WAB031	99	'8151785_/_8151783_1'	0	10	0	0	0	0.9	10	0 Yes	0 Primary Over-Voltage
WAB031	100	'1155467_/_1155464'	0	10	0	0	0	4.2	10	0 Yes	0 Primary Over-Voltage
WAB031	101	'1174607_/_1174604'	0	10	0	0	0	1.5	10	0 Yes	0 Primary Over-Voltage
WAB031	102	'42964408_/_1180739'	0	10	0	0	0	3.4	10	0 Yes	0 Primary Over-Voltage
WAB031	103	'1158349_/_430931178'	0	6.67	0	0	0	2.27	6.67	0 Yes	0 Primary Over-Voltage
WAB031	104	'1155225_/_1171861'	0	10	0	0	0	7.5	10	0 Yes	0 Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
WAB031	105	'1155226_/_1155240_1'	0	10	0	0	1.3	10	0 Yes	0	Primary Over-Voltage
WAB031	106	'1185429_/_1185426'	0	10	0	0	1.5	10	0 Yes	0	Primary Over-Voltage
WAB031	107	'1159325_/_42964410'	0	10	0	0	3.4	10	0 Yes	0	Primary Over-Voltage
WAB031	108	'1155881_/_1155891'	0	3.33	0	0	0.2	3.33	0 Yes	0	Primary Over-Voltage
WAB031	109	'42962284_/_1155240_2'	0	10	0	0	1.3	10	0 Yes	0	Primary Over-Voltage
WAB031	110	'42962298_/_42962286'	0	10	0	0	1.3	10	0 Yes	0	Primary Over-Voltage
WAB031	111	'42962271_/_1171827'	0	10	0	0	7.5	10	0 Yes	0	Primary Over-Voltage
WAB031	112	'1155277_/_1155274'	0	10	0	0	1.3	10	0 Yes	0	Primary Over-Voltage
WAB031	113	'1157747_/_1157744'	0	3.33	0	0	0.4	3.33	0 Yes	0	Primary Over-Voltage
WAB031	114	'1177960_/_1177957'	0	10	0	0	1.5	10	0 Yes	0	Primary Over-Voltage
WAB031	115	'1155483_/_1155878'	0	3.33	0	0	0.2	3.33	0 Yes	0	Primary Over-Voltage
WAB031	116	'1159326_/_1159323'	0	9.3	0	0	3.4	10	0 Yes	0	Primary Over-Voltage
WAB031	117	'1140933_/_1155291_1'	0	10	0	0	1.3	10	0 Yes	0	Primary Over-Voltage
WAB031	118	'42962311_/_1155291_2'	0	10	0	0	1.3	10	0 Yes	0	Primary Over-Voltage
WAB031	119	'49476394_/_1185460'	0	3.33	0	0	0.5	3.33	0 Yes	0	Primary Over-Voltage
WAB031	120	'1171812_/_1171810'	0	10	0	0	7.5	10	0 Yes	0	Primary Over-Voltage
WAB031	121	'42966223_/_42962313'	0	10	0	0	1.3	10	0 Yes	0	Primary Over-Voltage
WAB031	122	'1172821_/_1172818'	0	6.67	0	0	2.27	6.67	0 Yes	0	Primary Over-Voltage
WAB031	123	'1158722_/_1159360'	0	8.5	0	0	3.4	10	0 Yes	0	Primary Over-Voltage
WAB031	124	'1158709_/_1159289'	0	8.5	0	0	3.4	10	0 Yes	0	Primary Over-Voltage
WAB031	125	'42962324_/_42966225'	0	10	0	0	1.3	10	0 Yes	0	Primary Over-Voltage
WAB031	126	'1155484_/_1155481'	0	3.33	0	0	0.2	3.33	0 Yes	0	Primary Over-Voltage
WAB031	127	'1158697_/_1158694_2'	0	2.83	0	0	1	3.33	0 Yes	0	Primary Over-Voltage
WAB031	128	'1158723_/_1158720'	0	8	0	0	3.4	10	0 Yes	0	Primary Over-Voltage
WAB031	129	'42963526_/_1180793'	0	6.67	0	0	2.27	6.67	0 Yes	0	Primary Over-Voltage
WAB031	130	'1155311_/_42962326'	0	10	0	0	1.3	10	0 Yes	0	Primary Over-Voltage
WAB031	131	'42964434_/_1177977'	0	10	0	0	1.5	10	0 Yes	0	Primary Over-Voltage
WAB031	132	'42962258_/_1180580'	0	10	0	0	7.5	10	0 Yes	0	Primary Over-Voltage
WAB031	133	'58638347_/_1155972_1'	0	3.33	0	0	0.2	3.33	0 Yes	0	Primary Over-Voltage
WAB031	134	'1180761_/_42963528'	0	6.67	0	0	2.27	6.67	0 Yes	0	Primary Over-Voltage
WAB031	135	'1158743_/_1158740'	0	7.7	0	0	3.4	10	0 Yes	0	Primary Over-Voltage
WAB031	136	'1155328_/_1155325'	0	10	0	0	1.3	10	0 Yes	0	Primary Over-Voltage
WAB031	137	'1180484_/_1180482'	0	10	0	0	7.5	10	0 Yes	0	Primary Over-Voltage
WAB031	138	'58638411_/_1155342_1'	0	10	0	0	1.5	10	0 Yes	0	Primary Over-Voltage
WAB031	139	'1180762_/_1180759'	0	6.67	0	0	2.27	6.67	0 Yes	0	Primary Over-Voltage
WAB031	140	'1180465_/_1182441'	0	10	0	0	7.5	10	0 Yes	0	Primary Over-Voltage
WAB031	141	'1158760_/_1158757'	0	7.1	0	0	3.4	10	0 Yes	0	Primary Over-Voltage
WAB031	142	'1173081_/_1173078'	0	10	0	0	1.5	10	0 Yes	0	Primary Over-Voltage
WAB031	143	'72057703_/_72057681'	0	3.33	0	0	0.4	3.33	0 Yes	0	Primary Over-Voltage
WAB031	144	'456975749_/_456975746'	0	6.9	0	0	3.4	10	0 Yes	0	Primary Over-Voltage
WAB031	145	'1158848_/_1158858_2'	0	2.3	0	0	1.13	3.33	0 Yes	0	Primary Over-Voltage
WAB031	146	'1158877_/_1158874'	0	8.7	0	0	3.2	10	0 Yes	0	Primary Over-Voltage
WAB031	147	'456975803_/_456975800'	0	6.8	0	0	3.4	10	0 Yes	0	Primary Over-Voltage
WAB031	148	'1158861_/_1158858_1'	0	2.3	0	0	0.4	3.33	0 Yes	0	Primary Over-Voltage
WAB031	149	'456975962_/_456975995'	0	6.7	0	0	3.4	10	0 Yes	0	Primary Over-Voltage
WAB031	150	'1155992_/_1155972_2'	0	3.33	0	0	0.2	3.33	0 Yes	0	Primary Over-Voltage
WAB031	151	'456976067_/_456975960'	0	6.5	0	0	3.4	10	0 Yes	0	Primary Over-Voltage
WAB031	152	'1176525_/_1180462'	0	10	0	0	3	10	0 Yes	0	Primary Over-Voltage
WAB031	153	'456976068_/_456976065'	0	6.4	0	0	3.4	10	0 Yes	0	Primary Over-Voltage
WAB031	154	'1158681_/_1158694_1'	0	2.93	0	0	0.4	3.33	0 Yes	0	Primary Over-Voltage
WAB031	155	'42964447_/_1173095'	0	10	0	0	1.5	10	0 Yes	0	Primary Over-Voltage
WAB031	156	'1180606_/_1184085_1'	0	10	0	0	1.4	10	0 Yes	0	Primary Over-Voltage
WAB031	157	'1160743_/_42964706_2'	0	4.27	0	0	2.1	6.67	0 Yes	0	Primary Over-Voltage
WAB031	158	'456976126_/_456976123'	0	6.3	0	0	3.4	10	0 Yes	0	Primary Over-Voltage
WAB031	159	'456976229_/_456976175'	0	6.2	0	0	3.4	10	0 Yes	0	Primary Over-Voltage
WAB031	160	'1160730_/_1161511_2'	0	2.1	0	0	1	3.33	0 Yes	0	Primary Over-Voltage
WAB031	161	'1184088_/_1184085_2'	0	10	0	0	1.4	10	0 Yes	0	Primary Over-Voltage
WAB031	162	'456976230_/_456976227'	0	6	0	0	3.4	10	0 Yes	0	Primary Over-Voltage
WAB031	163	'72057732_/_72057710'	0	3.33	0	0	0.4	3.33	0 Yes	0	Primary Over-Voltage
WAB031	164	'476682367_/_456976307'	0	5.9	0	0	3.4	10	0 Yes	0	Primary Over-Voltage
WAB031	165	'42966681_/_1184102'	0	10	0	0	1.4	10	0 Yes	0	Primary Over-Voltage
WAB031	166	'1156008_/_1156005'	0	3.33	0	0	0.2	3.33	0 Yes	0	Primary Over-Voltage
WAB031	167	'1158366_/_42964449'	0	10	0	0	1.5	10	0 Yes	0	Primary Over-Voltage
WAB031	168	'7501633_/_7501650_2'	0	2	0	0	1.13	3.33	0 Yes	0	Primary Over-Voltage
WAB031	169	'456976310_/_476682371'	0	5.8	0	0	3.4	10	0 Yes	0	Primary Over-Voltage
WAB031	170	'1182461_/_42966683'	0	10	0	0	1.4	10	0 Yes	0	Primary Over-Voltage
WAB031	171	'1180683_/_1180693_1'	0	3.33	0	0	0.2	3.33	0 Yes	0	Primary Over-Voltage
WAB031	172	'42964704_/_42964706_1'	0	4.33	0	0	0.9	6.67	0 Yes	0	Primary Over-Voltage
WAB031	173	'7146799_/_44062232'	0	2.03	0	0	1.13	3.33	0 Yes	0	Primary Over-Voltage
WAB031	174	'42966490_/_1182475'	0	10	0	0	1.4	10	0 Yes	0	Primary Over-Voltage
WAB031	175	'449123085_/_449123031'	0	5.6	0	0	3.4	10	0 Yes	0	Primary Over-Voltage
WAB031	176	'1158367_/_1158364'	0	10	0	0	1.5	10	0 Yes	0	Primary Over-Voltage
WAB031	177	'449123137_/_449123083'	0	5.5	0	0	3.4	10	0 Yes	0	Primary Over-Voltage
WAB031	178	'1156026_/_1156023'	0	3.33	0	0	0.2	3.33	0 Yes	0	Primary Over-Voltage
WAB031	179	'449123189_/_449123135'	0	5.4	0	0	3.4	10	0 Yes	0	Primary Over-Voltage
WAB031	180	'1158499_/_1180726'	0	10	0	0	1.5	10	0 Yes	0	Primary Over-Voltage
WAB031	181	'1176508_/_1176505'	0	10	0	0	1.4	10	0 Yes	0	Primary Over-Voltage
WAB031	182	'1180670_/_1180667'	0	3.33	0	0	0.5	3.33	0 Yes	0	Primary Over-Voltage
WAB031	183	'1172684_/_1180693_2'	0	3.33	0	0	0.2	3.33	0 Yes	0	Primary Over-Voltage
WAB031	184	'1178444_/_449123187'	0	5.3	0	0	3.4	10	0 Yes	0	Primary Over-Voltage
WAB031	185	'1158897_/_1158894'	0	8.9	0	0	3.2	10	0 Yes	0	Primary Over-Voltage
WAB031	186	'1178514_/_464053264'	0	5.3	0	0	3.4	10	0 Yes	0	Primary Over-Voltage
WAB031	187	'42964679_/_42964681'	0	5.3	0	0	3.4	10	0 Yes	0	Primary Over-Voltage
WAB031	188	'1158680_/_1158678'	0	3.07	0	0	0.4	3.33	0 Yes	0	Primary Over-Voltage
WAB031	189	'1178464_/_1178461'	0	5.3	0	0	3.4	10	0 Yes	0	Primary Over-Voltage
WAB031	190	'1178530_/_1178528_1'	0	1.77	0	0	0.4	3.33	0 Yes	0	Primary Over-Voltage
WAB031	191	'1178481_/_1178479_1'	0	3.53	0	0	0.9	6.67	0 Yes	0	Primary Over-Voltage
WAB031	192	'465915243_/_464053305'	0	5.2	0	0	3.4	10	0 Yes	0	Primary Over-Voltage
WAB031	193	'1161514_/_1161511_1'	0	2.13	0	0	0.4	3.33	0 Yes	0	Primary Over-Voltage
WAB031	194	'1158380_/_1180706'	0	10	0	0	1.5	10	0 Yes	0	Primary Over-Voltage
WAB031	195	'476682458_/_464053356_1'	0	5.1	0	0	3.4	10	0 Yes	0	Primary Over-Voltage
WAB031	196	'1156044_/_1156041'	0	3.33	0	0	0.2	3.33	0 Yes	0	Primary Over-Voltage
WAB031	197	'464053415_/_464053356_2'	0	5.1	0	0	3.4	10	0 Yes	0	Primary Over-Voltage
WAB031	198	'42965865_/_1178479_2'	0	3.53	0	0	0.9	6.67	0 Yes	0	Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
WAB031	199	'1160794_/_1177444'	0	5.3	0	0	3.4	10	0	Yes	0 Primary Over-Voltage
WAB031	200	'1172685_/_1172682'	0	3.33	0	0	0.2	3.33	0	Yes	0 Primary Over-Voltage
WAB031	201	'1158498_/_1158496'	0	10	0	0	1.5	10	0	Yes	0 Primary Over-Voltage
WAB031	202	'1156105_/_1156103'	0	3.33	0	0	0.2	3.33	0	Yes	0 Primary Over-Voltage
WAB031	203	'42964692_/_1160773'	0	4.4	0	0	0.9	6.67	0	Yes	0 Primary Over-Voltage
WAB031	204	'465915268_/_464053413'	0	5	0	0	3.4	10	0	Yes	0 Primary Over-Voltage
WAB031	205	'476682574_/_464053465_1'	0	5	0	0	3.4	10	0	Yes	0 Primary Over-Voltage
WAB031	206	'67438196_/_1160791'	0	5.4	0	0	3.4	10	0	Yes	0 Primary Over-Voltage
WAB031	207	'42966503_/_1180620'	0	10	0	0	1.4	10	0	Yes	0 Primary Over-Voltage
WAB031	208	'465915302_/_464053465_2'	0	4.9	0	0	3.4	10	0	Yes	0 Primary Over-Voltage
WAB031	209	'1160572_/_1177393'	0	3.6	0	0	0.9	6.67	0	Yes	0 Primary Over-Voltage
WAB031	210	'464053523_/_464053520'	0	4.8	0	0	3.4	10	0	Yes	0 Primary Over-Voltage
WAB031	211	'1156065_/_1156062'	0	3.33	0	0	0.2	3.33	0	Yes	0 Primary Over-Voltage
WAB031	212	'1158379_/_1158377'	0	10	0	0	1.5	10	0	Yes	0 Primary Over-Voltage
WAB031	213	'1172698_/_1172695'	0	3.33	0	0	0.2	3.33	0	Yes	0 Primary Over-Voltage
WAB031	214	'464053634_/_464053576'	0	4.8	0	0	3.4	10	0	Yes	0 Primary Over-Voltage
WAB031	215	'1158516_/_1158513'	0	10	0	0	1.5	10	0	Yes	0 Primary Over-Voltage
WAB031	216	'1160573_/_1160570'	0	1.8	0	0	0.45	3.33	0	Yes	0 Primary Over-Voltage
WAB031	217	'127822129_/_8463336_1'	0	1.8	0	0	0.2	3.33	0	Yes	0 Primary Over-Voltage
WAB031	218	'42962989_/_1158462'	0	10	0	0	1.5	10	0	Yes	0 Primary Over-Voltage
WAB031	219	'464053635_/_464053632'	0	4.7	0	0	3.4	10	0	Yes	0 Primary Over-Voltage
WAB031	220	'67438367_/_67438298_1'	0	5.4	0	0	3.4	10	0	Yes	0 Primary Over-Voltage
WAB031	221	'143042151_/_143042127_2'	0	4.7	0	0	3.4	10	0	Yes	0 Primary Over-Voltage
WAB031	222	'1160687_/_1160701'	0	1.83	0	0	0.45	3.33	0	Yes	0 Primary Over-Voltage
WAB031	223	'67438324_/_67438298_2'	0	5.4	0	0	3.4	10	0	Yes	0 Primary Over-Voltage
WAB031	224	'1158452_/_1159246'	0	10	0	0	1.5	10	0	Yes	0 Primary Over-Voltage
WAB031	225	'1160383_/_1160714'	0	4.4	0	0	0.9	6.67	0	Yes	0 Primary Over-Voltage
WAB031	226	'1160867_/_67438330'	0	5.4	0	0	3.4	10	0	Yes	0 Primary Over-Voltage
WAB031	227	'8463299_/_8463316_1'	0	10	0	0	0.8	10	0	Yes	0 Primary Over-Voltage
WAB031	228	'42966508_/_42966505'	0	10	0	0	1.4	10	0	Yes	0 Primary Over-Voltage
WAB031	229	'465915405_/_464053677'	0	4.6	0	0	3.4	10	0	Yes	0 Primary Over-Voltage
WAB031	230	'42963003_/_42962991'	0	10	0	0	1.5	10	0	Yes	0 Primary Over-Voltage
WAB031	231	'54714369_/_54714273_1'	0	1.83	0	0	0.2	3.33	0	Yes	0 Primary Over-Voltage
WAB031	232	'1158482_/_42963005'	0	10	0	0	0.6	10	0	Yes	0 Primary Over-Voltage
WAB031	233	'8463319_/_8463316_2'	0	10	0	0	0.8	10	0	Yes	0 Primary Over-Voltage
WAB031	234	'458618386_/_458618388'	0	5.4	0	0	3.4	10	0	Yes	0 Primary Over-Voltage
WAB031	235	'1172711_/_1172708'	0	3.33	0	0	0.2	3.33	0	Yes	0 Primary Over-Voltage
WAB031	236	'458618471_/_458618443_1'	0	5.4	0	0	1.3	10	0	Yes	0 Primary Over-Voltage
WAB031	237	'1158533_/_1158530'	0	10	0	0	1.5	10	0	Yes	0 Primary Over-Voltage
WAB031	238	'465915429_/_464053739'	0	4.4	0	0	3.4	10	0	Yes	0 Primary Over-Voltage
WAB031	239	'1158913_/_1159027'	0	9.2	0	0	3.2	10	0	Yes	0 Primary Over-Voltage
WAB031	240	'1172737_/_1172734'	0	3.33	0	0	0.2	3.33	0	Yes	0 Primary Over-Voltage
WAB031	241	'465915450_/_464053788'	0	4.4	0	0	3.4	10	0	Yes	0 Primary Over-Voltage
WAB031	242	'42962978_/_42962980'	0	3.33	0	0	0.5	3.33	0	Yes	0 Primary Over-Voltage
WAB031	243	'1160384_/_1160381'	0	2.23	0	0	0.45	3.33	0	Yes	0 Primary Over-Voltage
WAB031	244	'1182690_/_464053859'	0	4.3	0	0	3.4	10	0	Yes	0 Primary Over-Voltage
WAB031	245	'465915058_/_464053939'	0	4.3	0	0	3.4	10	0	Yes	0 Primary Over-Voltage
WAB031	246	'1172724_/_1172721'	0	3.33	0	0	0.2	3.33	0	Yes	0 Primary Over-Voltage
WAB031	247	'54714266_/_54714273_2'	0	1.83	0	0	0.2	3.33	0	Yes	0 Primary Over-Voltage
WAB031	248	'464053942_/_476682175'	0	4.3	0	0	3.4	10	0	Yes	0 Primary Over-Voltage
WAB031	249	'8151805_/_8151803'	0	10	0	0	0.6	10	0	Yes	0 Primary Over-Voltage
WAB031	250	'1159380_/_1167924'	0	2.23	0	0	0.45	3.33	0	Yes	0 Primary Over-Voltage
WAB031	251	'465915063_/_465915018_1'	0	4.3	0	0	0.1	10	0	Yes	0 Primary Over-Voltage
WAB031	252	'52704676_/_1177411'	0	3.6	0	0	0.9	6.67	0	Yes	0 Primary Over-Voltage
WAB031	253	'1161493_/_1161491'	0	5.4	0	0	3.4	10	0	Yes	0 Primary Over-Voltage
WAB031	254	'1174717_/_1178528_2'	0	1.8	0	0	0.4	3.33	0	Yes	0 Primary Over-Voltage
WAB031	255	'1176350_/_1176347'	0	3.33	0	0	0.2	3.33	0	Yes	0 Primary Over-Voltage
WAB031	256	'1172795_/_1172792'	0	3.33	0	0	0.2	3.33	0	Yes	0 Primary Over-Voltage
WAB031	257	'42964384_/_1158547'	0	10	0	0	1.5	10	0	Yes	0 Primary Over-Voltage
WAB031	258	'465915015_/_465915018_2'	0	4.4	0	0	0.1	10	0	Yes	0 Primary Over-Voltage
WAB031	259	'1160397_/_1160394'	0	2.23	0	0	0.45	3.33	0	Yes	0 Primary Over-Voltage
WAB031	260	'1161152_/_1182704'	0	4	0	0	3.4	10	0	Yes	0 Primary Over-Voltage
WAB031	261	'1158426_/_1158436'	0	3.33	0	0	0.5	3.33	0	Yes	0 Primary Over-Voltage
WAB031	262	'7501653_/_7501650_1'	0	2.07	0	0	0.4	3.33	0	Yes	0 Primary Over-Voltage
WAB031	263	'1176363_/_1176360'	0	3.33	0	0	0.2	3.33	0	Yes	0 Primary Over-Voltage
WAB031	264	'1182727_/_1182737_1'	0	1.33	0	0	0.4	3.33	0	Yes	0 Primary Over-Voltage
WAB031	265	'52704702_/_52704707'	0	3.67	0	0	0.9	6.67	0	Yes	0 Primary Over-Voltage
WAB031	266	'406041658_/_1174715'	0	1.8	0	0	0.4	3.33	0	Yes	0 Primary Over-Voltage
WAB031	267	'1158566_/_1172849'	0	10	0	0	1.5	10	0	Yes	0 Primary Over-Voltage
WAB031	268	'42964510_/_1158911'	0	9.4	0	0	3.2	10	0	Yes	0 Primary Over-Voltage
WAB031	269	'406041758_/_406041695_2'	0	1.8	0	0	0.4	3.33	0	Yes	0 Primary Over-Voltage
WAB031	270	'1158652_/_1159377'	0	2.27	0	0	0.45	3.33	0	Yes	0 Primary Over-Voltage
WAB031	271	'42964781_/_42964783'	0	1.83	0	0	0.45	3.33	0	Yes	0 Primary Over-Voltage
WAB031	272	'1174718_/_406041660'	0	1.8	0	0	0.4	3.33	0	Yes	0 Primary Over-Voltage
WAB031	273	'458618424_/_458618443_2'	0	5.5	0	0	1.3	10	0	Yes	0 Primary Over-Voltage
WAB031	274	'1182740_/_1182737_2'	0	1.37	0	0	0.4	3.33	0	Yes	0 Primary Over-Voltage
WAB031	275	'42963515_/_1172779'	0	3.33	0	0	0.2	3.33	0	Yes	0 Primary Over-Voltage
WAB031	276	'1161153_/_1161150'	0	3.8	0	0	3.4	10	0	Yes	0 Primary Over-Voltage
WAB031	277	'7817987_/_9708728'	0	2.07	0	0	0.4	3.33	0	Yes	0 Primary Over-Voltage
WAB031	278	'1158567_/_1158564'	0	10	0	0	1.5	10	0	Yes	0 Primary Over-Voltage
WAB031	279	'1135382_/_1167970'	0	3.7	0	0	3.4	10	0	Yes	0 Primary Over-Voltage
WAB031	280	'42964155_/_1174621'	0	2.27	0	0	0.45	3.33	0	Yes	0 Primary Over-Voltage
WAB031	281	'42962967_/_42962969'	0	3.33	0	0	0.5	3.33	0	Yes	0 Primary Over-Voltage
WAB031	282	'1140060_/_1160407'	0	2.27	0	0	0.45	3.33	0	Yes	0 Primary Over-Voltage
WAB031	283	'1176294_/_1176373'	0	3.33	0	0	0.2	3.33	0	Yes	0 Primary Over-Voltage
WAB031	284	'1159460_/_1167904'	0	10	0	0	1.5	10	0	Yes	0 Primary Over-Voltage
WAB031	285	'58638437_/_1177429'	0	3.67	0	0	0.9	6.67	0	Yes	0 Primary Over-Voltage
WAB031	286	'1176389_/_1176386'	0	3.33	0	0	0.2	3.33	0	Yes	0 Primary Over-Voltage
WAB031	287	'1182755_/_1182753'	0	1.37	0	0	0.4	3.33	0	Yes	0 Primary Over-Voltage
WAB031	288	'1158665_/_1158662'	0	2.3	0	0	0.45	3.33	0	Yes	0 Primary Over-Voltage
WAB031	289	'1159459_/_1159457'	0	10	0	0	1.5	10	0	Yes	0 Primary Over-Voltage
WAB031	290	'1135383_/_1135380'	0	3.5	0	0	3.4	10	0	Yes	0 Primary Over-Voltage
WAB031	291	'42965701_/_42965703'	0	3.33	0	0	0.2	3.33	0	Yes	0 Primary Over-Voltage
WAB031	292	'69062663_/_7159801_1'	0	1.17	0	0	0.4	3.33	0	Yes	0 Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage	Regulator	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
				Voltage Deviation	Deviation					VSR (MW)	Limiting Threshold
WAB031	293	'1158639_/_1158649'	0	2.3	0	0	0.45	3.33	0 Yes	0	Primary Over-Voltage
WAB031	294	'1179129_/_1179143'	0	10	0	0	1.5	10	0 Yes	0	Primary Over-Voltage
WAB031	295	'1158397_/_1158407'	0	3.33	0	0	0.5	3.33	0 Yes	0	Primary Over-Voltage
WAB031	296	'473235625_/_42964512_1'	0	9.6	0	0	1.4	10	0 Yes	0	Primary Over-Voltage
WAB031	297	'1172753_/_1172766'	0	3.33	0	0	0.2	3.33	0 Yes	0	Primary Over-Voltage
WAB031	298	'1176295_/_1176292'	0	3.33	0	0	0.2	3.33	0 Yes	0	Primary Over-Voltage
WAB031	299	'1135436_/_1135434_1'	0	2.33	0	0	0.9	6.67	0 Yes	0	Primary Over-Voltage
WAB031	300	'1179163_/_1179175_1'	0	6.67	0	0	0.3	6.67	0 Yes	0	Primary Over-Voltage
WAB031	301	'1177184_/_1179126'	0	10	0	0	1.5	10	0 Yes	0	Primary Over-Voltage
WAB031	302	'1160422_/_42964157'	0	2.3	0	0	0.45	3.33	0 Yes	0	Primary Over-Voltage
WAB031	303	'1158931_/_42964512_2'	0	9.6	0	0	1.4	10	0 Yes	0	Primary Over-Voltage
WAB031	304	'7159804_/_7159801_2'	0	1.17	0	0	0.4	3.33	0 Yes	0	Primary Over-Voltage
WAB031	305	'1158988_/_1159011_2'	0	3.2	0	0	0.47	3.33	0 Yes	0	Primary Over-Voltage
WAB031	306	'1140047_/_1140057'	0	2.3	0	0	0.45	3.33	0 Yes	0	Primary Over-Voltage
WAB031	307	'1177163_/_42965841'	0	10	0	0	1.5	10	0 Yes	0	Primary Over-Voltage
WAB031	308	'8463338_/_8463336_2'	0	1.87	0	0	0.2	3.33	0 Yes	0	Primary Over-Voltage
WAB031	309	'69062605_/_69062053_1'	0	1.17	0	0	0.4	3.33	0 Yes	0	Primary Over-Voltage
WAB031	310	'69062619_/_69061835_1'	0	1.2	0	0	0.4	3.33	0 Yes	0	Primary Over-Voltage
WAB031	311	'42964769_/_52704564'	0	3.67	0	0	0.9	6.67	0 Yes	0	Primary Over-Voltage
WAB031	312	'1176308_/_1176305'	0	3.33	0	0	0.2	3.33	0 Yes	0	Primary Over-Voltage
WAB031	313	'1158396_/_1158394'	0	3.33	0	0	0.5	3.33	0 Yes	0	Primary Over-Voltage
WAB031	314	'1155430_/_1177161'	0	10	0	0	1.5	10	0 Yes	0	Primary Over-Voltage
WAB031	315	'1135403_/_1135400'	0	3.3	0	0	3.4	10	0 Yes	0	Primary Over-Voltage
WAB031	316	'406041676_/_406041695_1'	0	1.83	0	0	0.2	3.33	0 Yes	0	Primary Over-Voltage
WAB031	317	'362516205_/_54714304'	0	1.9	0	0	0.2	3.33	0 Yes	0	Primary Over-Voltage
WAB031	318	'42962350_/_1155427'	0	10	0	0	1.5	10	0 Yes	0	Primary Over-Voltage
WAB031	319	'42964397_/_42964399'	0	2.3	0	0	0.45	3.33	0 Yes	0	Primary Over-Voltage
WAB031	320	'1160616_/_1160614'	0	1.83	0	0	0.45	3.33	0 Yes	0	Primary Over-Voltage
WAB031	321	'69116284_/_1135417_1'	0	3.2	0	0	3.4	10	0 Yes	0	Primary Over-Voltage
WAB031	322	'1155396_/_1155410'	0	10	0	0	1.5	10	0 Yes	0	Primary Over-Voltage
WAB031	323	'1179178_/_1179175_2'	0	6.67	0	0	0.3	6.67	0 Yes	0	Primary Over-Voltage
WAB031	324	'1135420_/_1135417_2'	0	3.1	0	0	3.4	10	0 Yes	0	Primary Over-Voltage
WAB031	325	'1180780_/_1180826'	0	3.33	0	0	0.2	3.33	0 Yes	0	Primary Over-Voltage
WAB031	326	'1176323_/_1176321'	0	3.33	0	0	0.2	3.33	0 Yes	0	Primary Over-Voltage
WAB031	327	'1160423_/_1160420'	0	2.3	0	0	0.45	3.33	0 Yes	0	Primary Over-Voltage
WAB031	328	'362516279_/_362516298'	0	1.9	0	0	0.2	3.33	0 Yes	0	Primary Over-Voltage
WAB031	329	'1176337_/_1176334'	0	3.33	0	0	0.2	3.33	0 Yes	0	Primary Over-Voltage
WAB031	330	'1155379_/_1155393'	0	10	0	0	1.5	10	0 Yes	0	Primary Over-Voltage
WAB031	331	'42964578_/_1140044'	0	2.33	0	0	0.45	3.33	0 Yes	0	Primary Over-Voltage
WAB031	332	'57380727_/_1158945'	0	9.8	0	0	1.4	10	0 Yes	0	Primary Over-Voltage
WAB031	333	'7817988_/_7817985'	0	2.13	0	0	0.4	3.33	0 Yes	0	Primary Over-Voltage
WAB031	334	'1135437_/_1135434_2'	0	2.4	0	0	0.9	6.67	0 Yes	0	Primary Over-Voltage
WAB031	335	'1155827_/_1155824_2'	0	10	0	0	1.5	10	0 Yes	0	Primary Over-Voltage
WAB031	336	'42962337_/_42962339'	0	10	0	0	1.5	10	0 Yes	0	Primary Over-Voltage
WAB031	337	'362516242_/_362516316'	0	1.9	0	0	0.2	3.33	0 Yes	0	Primary Over-Voltage
WAB031	338	'1172752_/_1172750'	0	3.33	0	0	0.2	3.33	0 Yes	0	Primary Over-Voltage
WAB031	339	'1176401_/_1176399'	0	3.33	0	0	0.2	3.33	0 Yes	0	Primary Over-Voltage
WAB031	340	'42966422_/_1179837'	0	3	0	0	3.4	10	0 Yes	0	Primary Over-Voltage
WAB031	341	'1158613_/_1158623'	0	2.33	0	0	0.45	3.33	0 Yes	0	Primary Over-Voltage
WAB031	342	'1180779_/_1180777'	0	3.33	0	0	0.2	3.33	0 Yes	0	Primary Over-Voltage
WAB031	343	'1160436_/_1160433'	0	2.33	0	0	0.45	3.33	0 Yes	0	Primary Over-Voltage
WAB031	344	'1159001_/_1159011_1'	0	3.2	0	0	0.2	3.33	0 Yes	0	Primary Over-Voltage
WAB031	345	'1172839_/_1172836'	0	3.33	0	0	0.2	3.33	0 Yes	0	Primary Over-Voltage
WAB031	346	'1155810_/_1155824_1'	0	10	0	0	0.5	10	0 Yes	0	Primary Over-Voltage
WAB031	347	'1158600_/_1158610'	0	2.37	0	0	0.45	3.33	0 Yes	0	Primary Over-Voltage
WAB031	348	'1177467_/_1177477'	0	2.37	0	0	0.45	3.33	0 Yes	0	Primary Over-Voltage
WAB031	349	'1135472_/_42966424'	0	2.8	0	0	3.4	10	0 Yes	0	Primary Over-Voltage
WAB031	350	'1160630_/_1160643'	0	1.9	0	0	0.45	3.33	0 Yes	0	Primary Over-Voltage
WAB031	351	'1160599_/_42964771'	0	3.73	0	0	0.9	6.67	0 Yes	0	Primary Over-Voltage
WAB031	352	'1160342_/_1160446'	0	2.37	0	0	0.45	3.33	0 Yes	0	Primary Over-Voltage
WAB031	353	'1160890_/_1161078'	0	3.73	0	0	0.9	6.67	0 Yes	0	Primary Over-Voltage
WAB031	354	'143042109_/_143042127_1'	0	4.9	0	0	1.3	10	0 Yes	0	Primary Over-Voltage
WAB031	355	'1155793_/_1155807'	0	10	0	0	0.5	10	0 Yes	0	Primary Over-Voltage
WAB031	356	'7509864_/_8768902'	0	2.17	0	0	0.4	3.33	0 Yes	0	Primary Over-Voltage
WAB031	357	'7794125_/_7794123_1'	0	1.87	0	0	0.2	3.33	0 Yes	0	Primary Over-Voltage
WAB031	358	'1158587_/_1158597'	0	2.4	0	0	0.45	3.33	0 Yes	0	Primary Over-Voltage
WAB031	359	'69062042_/_69062053_2'	0	1.2	0	0	0.4	3.23	0 Yes	0	Primary Over-Voltage
WAB031	360	'1158965_/_1158962'	0	8.4	0	0	1.4	10	0 Yes	0	Primary Over-Voltage
WAB031	361	'1135473_/_1135470'	0	2.6	0	0	3.4	10	0 Yes	0	Primary Over-Voltage
WAB031	362	'1135490_/_1135500_2'	0	2.6	0	0	2.2	10	0 Yes	0	Primary Over-Voltage
WAB031	363	'7794126_/_7794123_2'	0	1.87	0	0	0.2	3.33	0 Yes	0	Primary Over-Voltage
WAB031	364	'1159000_/_1158998'	0	2.87	0	0	0.2	3.33	0 Yes	0	Primary Over-Voltage
WAB031	365	'220816243_/_1159132_1'	0	2.8	0	0	0.1	3.33	0 Yes	0	Primary Over-Voltage
WAB031	366	'1177854_/_1177851'	0	2.4	0	0	0.9	6.35	0 Yes	0	Primary Over-Voltage
WAB031	367	'1140034_/_1177464'	0	2.4	0	0	0.45	3.33	0 Yes	0	Primary Over-Voltage
WAB031	368	'1160629_/_1160627'	0	1.9	0	0	0.45	3.22	0 Yes	0	Primary Over-Voltage
WAB031	369	'1155582_/_1155790'	0	9.8	0	0	0.5	10	0 Yes	0	Primary Over-Voltage
WAB031	370	'1160341_/_1160339'	0	2.4	0	0	0.45	3.29	0 Yes	0	Primary Over-Voltage
WAB031	371	'1169475_/_1160888'	0	3.8	0	0	0.9	6.37	0 Yes	0	Primary Over-Voltage
WAB031	372	'1158586_/_1158584'	0	2.43	0	0	0.45	3.25	0 Yes	0	Primary Over-Voltage
WAB031	373	'1155565_/_1155579'	0	9.6	0	0	0.5	10	0 Yes	0	Primary Over-Voltage
WAB031	374	'1160924_/_1160922_1'	0	1.9	0	0	0.2	3.16	0 Yes	0	Primary Over-Voltage
WAB031	375	'1135863_/_1135860'	0	2.4	0	0	3.4	10	0 Yes	0	Primary Over-Voltage
WAB031	376	'1135502_/_1135500_1'	0	2.6	0	0	0.4	10	0 Yes	0	Primary Over-Voltage
WAB031	377	'1160462_/_1160459'	0	2.43	0	0	0.45	3.18	0 Yes	0	Primary Over-Voltage
WAB031	378	'1160909_/_1160906'	0	1.9	0	0	0.45	3.07	0 Yes	0	Primary Over-Voltage
WAB031	379	'1140021_/_1140031'	0	2.43	0	0	0.45	3.14	0 Yes	0	Primary Over-Voltage
WAB031	380	'1159098_/_1159112'	0	7.6	0	0	1.4	9.86	0 Yes	0	Primary Over-Voltage
WAB031	381	'54769975_/_8746956'	0	1.9	0	0	0.2	3.07	0 Yes	0	Primary Over-Voltage
WAB031	382	'42962402_/_42962404'	0	9.2	0	0	0.5	9.73	0 Yes	0	Primary Over-Voltage
WAB031	383	'42964589_/_1161462'	0	2.43	0	0	0.45	3.09	0 Yes	0	Primary Over-Voltage
WAB031	384	'1155599_/_1155596'	0	9.2	0	0	0.5	9.67	0 Yes	0	Primary Over-Voltage
WAB031	385	'1155764_/_1155761'	0	3.1	0	0	0.17	3.21	0 Yes	0	Primary Over-Voltage
WAB031	386	'1159135_/_1159132_2'	0	2.57	0	0	0.1	3.2	0 Yes	0	Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
WAB031	387	'Node_6529659762_/6529659751'	0	3.9	0	0	3.2	9.89	0 Yes	0	Primary Over-Voltage
WAB031	388	'1180656_/1180654'	0	2.47	0	0	0.45	3.06	0 Yes	0	Primary Over-Voltage
WAB031	389	'42964803_/1160922_2'	0	1.9	0	0	0.2	2.98	0 Yes	0	Primary Over-Voltage
WAB031	390	'1135880_/1135877'	0	2.3	0	0	3.4	9.73	0 Yes	0	Primary Over-Voltage
WAB031	391	'1161199_/1161196'	0	1.97	0	0	0.45	2.87	0 Yes	0	Primary Over-Voltage
WAB031	392	'54714297_/362516246'	0	1.97	0	0	0.2	2.85	0 Yes	0	Primary Over-Voltage
WAB031	393	'7509865_/7509862'	0	2.23	0	0	0.4	2.96	0 Yes	0	Primary Over-Voltage
WAB031	394	'1140008_/1140018'	0	2.43	0	0	0.45	2.97	0 Yes	0	Primary Over-Voltage
WAB031	395	'7520360_/7520357_2'	0	1.97	0	0	0.45	2.85	0 Yes	0	Primary Over-Voltage
WAB031	396	'1155777_/1155774'	0	3	0	0	0.17	3.08	0 Yes	0	Primary Over-Voltage
WAB031	397	'8753041_/69061835_2'	0	1.2	0	0	0.4	2.77	0 Yes	0	Primary Over-Voltage
WAB031	398	'7200924_/7520357_1'	0	1.97	0	0	0.2	2.82	0 Yes	0	Primary Over-Voltage
WAB031	399	'1177109_/1177145'	0	2.93	0	0	0.17	3.05	0 Yes	0	Primary Over-Voltage
WAB031	400	'1160355_/1160472'	0	2.4	0	0	0.45	2.93	0 Yes	0	Primary Over-Voltage
WAB031	401	'1155531_/1155545'	0	8.7	0	0	0.5	9.07	0 Yes	0	Primary Over-Voltage
WAB031	402	'1135591_/1135897'	0	2.2	0	0	3.4	9.26	0 Yes	0	Primary Over-Voltage
WAB031	403	'1160938_/42964805'	0	1.93	0	0	0.2	2.79	0 Yes	0	Primary Over-Voltage
WAB031	404	'114352745_/1161209'	0	1.97	0	0	0.45	2.73	0 Yes	0	Primary Over-Voltage
WAB031	405	'42964567_/42964569'	0	2.33	0	0	0.45	2.84	0 Yes	0	Primary Over-Voltage
WAB031	406	'1161480_/1161478'	0	2.33	0	0	0.45	2.82	0 Yes	0	Primary Over-Voltage
WAB031	407	'1135592_/1135589'	0	2.1	0	0	3.4	8.99	0 Yes	0	Primary Over-Voltage
WAB031	408	'1161286_/1160352'	0	2.3	0	0	0.45	2.77	0 Yes	0	Primary Over-Voltage
WAB031	409	'42965828_/1177106'	0	2.83	0	0	0.17	2.85	0 Yes	0	Primary Over-Voltage
WAB031	410	'42964534_/1159148'	0	2.33	0	0	0.1	2.84	0 Yes	0	Primary Over-Voltage
WAB031	411	'1135519_/1135516'	0	2.6	0	0	0.4	8.83	0 Yes	0	Primary Over-Voltage
WAB031	412	'69062076_/69062087'	0	1.2	0	0	0.4	2.55	0 Yes	0	Primary Over-Voltage
WAB031	413	'42964814_/1160948'	0	1.97	0	0	0.2	2.63	0 Yes	0	Primary Over-Voltage
WAB031	414	'42958769_/1135914'	0	1.47	0	0	2.1	4.98	0 Yes	0	Primary Over-Voltage
WAB031	415	'1155513_/1155528'	0	8.2	0	0	0.5	8.47	0 Yes	0	Primary Over-Voltage
WAB031	416	'1135609_/1135606'	0	2.1	0	0	3.4	8.72	0 Yes	0	Primary Over-Voltage
WAB031	417	'1135531_/1135529_1'	0	1.47	0	0	0.9	4.92	0 Yes	0	Primary Over-Voltage
WAB031	418	'1139994_/1139992'	0	2.2	0	0	0.45	2.64	0 Yes	0	Primary Over-Voltage
WAB031	419	'1176132_/1176142'	0	2	0	0	0.45	2.51	0 Yes	0	Primary Over-Voltage
WAB031	420	'1177083_/1177093'	0	2.73	0	0	0.17	2.71	0 Yes	0	Primary Over-Voltage
WAB031	421	'42958794_/1135623'	0	2	0	0	3.4	8.49	0 Yes	0	Primary Over-Voltage
WAB031	422	'42964622_/1161296'	0	2.2	0	0	0.45	2.58	0 Yes	0	Primary Over-Voltage
WAB031	423	'1161299_/42964624'	0	2.2	0	0	0.45	2.56	0 Yes	0	Primary Over-Voltage
WAB031	424	'1155744_/1155741'	0	7.9	0	0	0.5	8.1	0 Yes	0	Primary Over-Voltage
WAB031	425	'1155496_/1155511'	0	7.9	0	0	0.5	8.07	0 Yes	0	Primary Over-Voltage
WAB031	426	'127821969_/7200922'	0	2	0	0	0.2	2.44	0 Yes	0	Primary Over-Voltage
WAB031	427	'127822101_/127821989_1'	0	2	0	0	0.1	2.42	0 Yes	0	Primary Over-Voltage
WAB031	428	'42964826_/42964816'	0	1.97	0	0	0.2	2.44	0 Yes	0	Primary Over-Voltage
WAB031	429	'1159081_/1159095'	0	6.3	0	0	1.4	7.87	0 Yes	0	Primary Over-Voltage
WAB031	430	'1135643_/42958796'	0	1.9	0	0	3.4	8.15	0 Yes	0	Primary Over-Voltage
WAB031	431	'1161270_/1161283'	0	2.1	0	0	0.45	2.46	0 Yes	0	Primary Over-Voltage
WAB031	432	'1161183_/1176129'	0	1.97	0	0	0.45	2.36	0 Yes	0	Primary Over-Voltage
WAB031	433	'1139982_/1180338'	0	2.1	0	0	0.45	2.45	0 Yes	0	Primary Over-Voltage
WAB031	434	'1161241_/127821989_2'	0	1.97	0	0	0.1	2.36	0 Yes	0	Primary Over-Voltage
WAB031	435	'1177044_/1177080'	0	2.6	0	0	0.17	2.52	0 Yes	0	Primary Over-Voltage
WAB031	436	'120052809_/120052806'	0	1.93	0	0	0.1	2.33	0 Yes	0	Primary Over-Voltage
WAB031	437	'1159164_/1159161'	0	2.17	0	0	0.1	2.51	0 Yes	0	Primary Over-Voltage
WAB031	438	'1135532_/1135529_2'	0	1.47	0	0	0.9	4.47	0 Yes	0	Primary Over-Voltage
WAB031	439	'1155724_/1156138'	0	7.6	0	0	0.5	7.56	0 Yes	0	Primary Over-Voltage
WAB031	440	'7830997_/9100217_1'	0	7.6	0	0	0.1	7.54	0 Yes	0	Primary Over-Voltage
WAB031	441	'1135660_/1135657'	0	1.9	0	0	3.4	7.87	0 Yes	0	Primary Over-Voltage
WAB031	442	'67283302_/7200804_2'	0	1.9	0	0	3.4	6.49	0 Yes	0	Primary Over-Voltage
WAB031	443	'1160370_/1161394'	0	1.9	0	0	0.1	2.25	0 Yes	0	Primary Over-Voltage
WAB031	444	'1176984_/9100217_2'	0	7.4	0	0	0.1	7.3	0 Yes	0	Primary Over-Voltage
WAB031	445	'1177057_/1177054'	0	2.53	0	0	0.17	2.39	0 Yes	0	Primary Over-Voltage
WAB031	446	'1139981_/1139979'	0	2	0	0	0.45	2.31	0 Yes	0	Primary Over-Voltage
WAB031	447	'1159064_/1159078'	0	6	0	0	1.4	7.31	0 Yes	0	Primary Over-Voltage
WAB031	448	'1155723_/1155721'	0	7.3	0	0	0.5	7.25	0 Yes	0	Primary Over-Voltage
WAB031	449	'1176985_/1176982'	0	7.3	0	0	0.1	7.22	0 Yes	0	Primary Over-Voltage
WAB031	450	'1160977_/1160974'	0	1.83	0	0	0.2	2.19	0 Yes	0	Primary Over-Voltage
WAB031	451	'1161224_/1161222'	0	1.87	0	0	0.2	2.17	0 Yes	0	Primary Over-Voltage
WAB031	452	'1135694_/1135691'	0	1.8	0	0	3.4	7.49	0 Yes	0	Primary Over-Voltage
WAB031	453	'1161170_/1161180'	0	1.87	0	0	0.45	2.17	0 Yes	0	Primary Over-Voltage
WAB031	454	'1140163_/1161267'	0	1.97	0	0	0.45	2.25	0 Yes	0	Primary Over-Voltage
WAB031	455	'1135765_/1135775_2'	0	0.6	0	0	1	2.04	0 Yes	0	Primary Over-Voltage
WAB031	456	'1140890_/1160368'	0	1.83	0	0	0.1	2.14	0 Yes	0	Primary Over-Voltage
WAB031	457	'1159479_/1159490'	0	1.97	0	0	0.45	2.22	0 Yes	0	Primary Over-Voltage
WAB031	458	'69062107_/69062118'	0	1.23	0	0	0.4	2.09	0 Yes	0	Primary Over-Voltage
WAB031	459	'57870313_/67467772'	0	1.87	0	0	0.4	2.2	0 Yes	0	Primary Over-Voltage
WAB031	460	'1177043_/1177041'	0	2.43	0	0	0.17	2.27	0 Yes	0	Primary Over-Voltage
WAB031	461	'42964837_/1160987'	0	1.8	0	0	0.2	2.12	0 Yes	0	Primary Over-Voltage
WAB031	462	'1158134_/1159061'	0	5.8	0	0	1.4	6.91	0 Yes	0	Primary Over-Voltage
WAB031	463	'1177122_/1177119'	0	2.43	0	0	0.17	2.24	0 Yes	0	Primary Over-Voltage
WAB031	464	'392247102_/392247104'	0	1.8	0	0	0.45	2.08	0 Yes	0	Primary Over-Voltage
WAB031	465	'69062190_/69062201'	0	1.23	0	0	0.4	2.05	0 Yes	0	Primary Over-Voltage
WAB031	466	'42958818_/1135708'	0	1.7	0	0	3.4	7.19	0 Yes	0	Primary Over-Voltage
WAB031	467	'42964523_/1159174'	0	2	0	0	0.1	2.22	0 Yes	0	Primary Over-Voltage
WAB031	468	'42964792_/42964794'	0	1.8	0	0	0.2	2.03	0 Yes	0	Primary Over-Voltage
WAB031	469	'1135547_/1135544'	0	1.47	0	0	0.9	3.91	0 Yes	0	Primary Over-Voltage
WAB031	470	'42964611_/1161449'	0	1.9	0	0	0.45	2.11	0 Yes	0	Primary Over-Voltage
WAB031	471	'1161256_/7830870_1'	0	1.77	0	0	0.1	2.02	0 Yes	0	Primary Over-Voltage
WAB031	472	'42965817_/1177132'	0	2.4	0	0	0.17	2.15	0 Yes	0	Primary Over-Voltage
WAB031	473	'69061862_/69061873'	0	1.23	0	0	0.4	1.98	0 Yes	0	Primary Over-Voltage
WAB031	474	'1177135_/9411950_1'	0	2.4	0	0	0.1	2.14	0 Yes	0	Primary Over-Voltage
WAB031	475	'42966212_/1140888'	0	1.73	0	0	0.1	2	0 Yes	0	Primary Over-Voltage
WAB031	476	'42964655_/42964657'	0	1.73	0	0	0.45	1.99	0 Yes	0	Primary Over-Voltage
WAB031	477	'1135731_/42958820'	0	1.7	0	0	3.4	6.91	0 Yes	0	Primary Over-Voltage
WAB031	478	'1140164_/1140161'	0	1.87	0	0	0.45	2.04	0 Yes	0	Primary Over-Voltage
WAB031	479	'7200807_/7200804_1'	0	1.9	0	0	1.5	5.66	0 Yes	0	Primary Over-Voltage
WAB031	480	'1161169_/1161167'	0	1.73	0	0	0.45	1.96	0 Yes	0	Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
WAB031	481	'50673516_1'	0	1.7	0	0	0.5	5.57	0 Yes	0	Primary Over-Voltage
WAB031	482	'1140072_1159477'	0	1.83	0	0	0.45	2.04	0 Yes	0	Primary Over-Voltage
WAB031	483	'1135777_1135775_1'	0	0.6	0	0	0.4	1.85	0 Yes	0	Primary Over-Voltage
WAB031	484	'50673509_50673516_2'	0	1.7	0	0	0.5	5.52	0 Yes	0	Primary Over-Voltage
WAB031	485	'8151586_8151583'	0	1.9	0	0	1.5	5.54	0 Yes	0	Primary Over-Voltage
WAB031	486	'42966468_42966470'	0	2.3	0	0	0.17	2.05	0 Yes	0	Primary Over-Voltage
WAB031	487	'1158117_1158131'	0	5.5	0	0	1.4	6.3	0 Yes	0	Primary Over-Voltage
WAB031	488	'42966189_1140875'	0	1.7	0	0	0.1	1.9	0 Yes	0	Primary Over-Voltage
WAB031	489	'42965921_1177825'	0	1.7	0	0	0.2	1.9	0 Yes	0	Primary Over-Voltage
WAB031	490	'1140150_1140148'	0	1.8	0	0	0.45	1.95	0 Yes	0	Primary Over-Voltage
WAB031	491	'69062582_69062589'	0	1.23	0	0	0.4	1.84	0 Yes	0	Primary Over-Voltage
WAB031	492	'1140073_1140070'	0	1.77	0	0	0.45	1.92	0 Yes	0	Primary Over-Voltage
WAB031	493	'1135748_1135745'	0	1.6	0	0	3.4	6.53	0 Yes	0	Primary Over-Voltage
WAB031	494	'1159190_42964525'	0	1.87	0	0	0.1	1.98	0 Yes	0	Primary Over-Voltage
WAB031	495	'7830873_7830870_2'	0	1.67	0	0	0.1	1.82	0 Yes	0	Primary Over-Voltage
WAB031	496	'1180431_1180428'	0	1.6	0	0	3.4	6.41	0 Yes	0	Primary Over-Voltage
WAB031	497	'42966178_1140849'	0	1.63	0	0	0.2	1.8	0 Yes	0	Primary Over-Voltage
WAB031	498	'108865814_108865812'	0	2.2	0	0	0.17	1.91	0 Yes	0	Primary Over-Voltage
WAB031	499	'1160274_1161410'	0	1.73	0	0	0.45	1.83	0 Yes	0	Primary Over-Voltage
WAB031	500	'42966201_1140862'	0	1.6	0	0	0.1	1.74	0 Yes	0	Primary Over-Voltage
WAB031	501	'1135562_1135559'	0	1.47	0	0	0.9	3.36	0 Yes	0	Primary Over-Voltage
WAB031	502	'1173730_1180254'	0	2.17	0	0	0.17	1.86	0 Yes	0	Primary Over-Voltage
WAB031	503	'42962904_1158114'	0	5.2	0	0	1.4	5.7	0 Yes	0	Primary Over-Voltage
WAB031	504	'8463654_9411950_2'	0	2.17	0	0	0.1	1.84	0 Yes	0	Primary Over-Voltage
WAB031	505	'1140086_1140083'	0	1.7	0	0	0.45	1.79	0 Yes	0	Primary Over-Voltage
WAB031	506	'1180414_1180445'	0	1.5	0	0	3.4	6.13	0 Yes	0	Primary Over-Voltage
WAB031	507	'42965932_1140836'	0	1.57	0	0	0.2	1.68	0 Yes	0	Primary Over-Voltage
WAB031	508	'1159203_1159200'	0	1.77	0	0	0.1	1.78	0 Yes	0	Primary Over-Voltage
WAB031	509	'8463655_8463652'	0	2.1	0	0	0.1	1.76	0 Yes	0	Primary Over-Voltage
WAB031	510	'1135808_1135805'	0	0.6	0	0	0.4	1.55	0 Yes	0	Primary Over-Voltage
WAB031	511	'331271116_330765920'	0	1.53	0	0	0.1	1.63	0 Yes	0	Primary Over-Voltage
WAB031	512	'67467749_67467756'	0	1.6	0	0	0.4	1.69	0 Yes	0	Primary Over-Voltage
WAB031	513	'1177369_1177367'	0	2.1	0	0	0.17	1.73	0 Yes	0	Primary Over-Voltage
WAB031	514	'1140219_1160271'	0	1.63	0	0	0.45	1.67	0 Yes	0	Primary Over-Voltage
WAB031	515	'1135324_1180411'	0	1.5	0	0	3.4	5.84	0 Yes	0	Primary Over-Voltage
WAB031	516	'42964556_1140096'	0	1.63	0	0	0.45	1.66	0 Yes	0	Primary Over-Voltage
WAB031	517	'42964600_1161423'	0	1.63	0	0	0.45	1.65	0 Yes	0	Primary Over-Voltage
WAB031	518	'1135325_1180398_1'	0	0.5	0	0	0.4	1.49	0 Yes	0	Primary Over-Voltage
WAB031	519	'1158167_1159229'	0	5	0	0	1.4	5.22	0 Yes	0	Primary Over-Voltage
WAB031	520	'1140903_1140901'	0	1.5	0	0	0.1	1.56	0 Yes	0	Primary Over-Voltage
WAB031	521	'505081130_491982640_1'	0	5	0	0	0.6	5.13	0 Yes	0	Primary Over-Voltage
WAB031	522	'69061928_69061939'	0	1.17	0	0	0.4	1.53	0 Yes	0	Primary Over-Voltage
WAB031	523	'1177382_1177380'	0	2.03	0	0	0.17	1.64	0 Yes	0	Primary Over-Voltage
WAB031	524	'69061959_69061970'	0	1.13	0	0	0.4	1.5	0 Yes	0	Primary Over-Voltage
WAB031	525	'42958782_1135574'	0	1.47	0	0	0.9	2.93	0 Yes	0	Primary Over-Voltage
WAB031	526	'42964848_42965934'	0	1.5	0	0	0.2	1.5	0 Yes	0	Primary Over-Voltage
WAB031	527	'1137314_1168106'	0	1.4	0	0	3.4	5.51	0 Yes	0	Primary Over-Voltage
WAB031	528	'1140112_1140109'	0	1.6	0	0	0.45	1.55	0 Yes	0	Primary Over-Voltage
WAB031	529	'1140206_1140216'	0	1.6	0	0	0.45	1.55	0 Yes	0	Primary Over-Voltage
WAB031	530	'42964599_1161436'	0	1.57	0	0	0.45	1.54	0 Yes	0	Primary Over-Voltage
WAB031	531	'1180401_1180398_2'	0	0.5	0	0	0.4	1.39	0 Yes	0	Primary Over-Voltage
WAB031	532	'42958735_42958737'	0	1.47	0	0	0.9	2.84	0 Yes	0	Primary Over-Voltage
WAB031	533	'1180282_1180280'	0	2	0	0	0.17	1.57	0 Yes	0	Primary Over-Voltage
WAB031	534	'7520340_491982640_2'	0	4.8	0	0	0.6	4.79	0 Yes	0	Primary Over-Voltage
WAB031	535	'1140205_1140203'	0	1.53	0	0	0.45	1.47	0 Yes	0	Primary Over-Voltage
WAB031	536	'1137315_1137312'	0	1.4	0	0	3.4	5.25	0 Yes	0	Primary Over-Voltage
WAB031	537	'391475945_1137558_1'	0	0.47	0	0	0.1	1.3	0 Yes	0	Primary Over-Voltage
WAB031	538	'1158100_1158164'	0	4.7	0	0	1.4	4.61	0 Yes	0	Primary Over-Voltage
WAB031	539	'1140125_1140122'	0	1.53	0	0	0.45	1.44	0 Yes	0	Primary Over-Voltage
WAB031	540	'1135821_1135818'	0	0.6	0	0	0.4	1.29	0 Yes	0	Primary Over-Voltage
WAB031	541	'1137338_1137335_1'	0	1.4	0	0	3.4	5.05	0 Yes	0	Primary Over-Voltage
WAB031	542	'1135292_1135304'	0	1.47	0	0	0.9	2.6	0 Yes	0	Primary Over-Voltage
WAB031	543	'42964859_1161065'	0	1.4	0	0	0.2	1.32	0 Yes	0	Primary Over-Voltage
WAB031	544	'463667688_463667685'	0	1.5	0	0	0.45	1.36	0 Yes	0	Primary Over-Voltage
WAB031	545	'1140192_1140190'	0	1.5	0	0	0.45	1.36	0 Yes	0	Primary Over-Voltage
WAB031	546	'1161328_1161325'	0	1.5	0	0	0.45	1.35	0 Yes	0	Primary Over-Voltage
WAB031	547	'1137561_1137558_2'	0	0.47	0	0	0.1	1.21	0 Yes	0	Primary Over-Voltage
WAB031	548	'69061990_69062001'	0	1.03	0	0	0.4	1.27	0 Yes	0	Primary Over-Voltage
WAB031	549	'1140138_1140135'	0	1.47	0	0	0.45	1.33	0 Yes	0	Primary Over-Voltage
WAB031	550	'9411969_9411966'	0	1.83	0	0	0.1	1.35	0 Yes	0	Primary Over-Voltage
WAB031	551	'1135833_1135844'	0	0.6	0	0	0.4	1.17	0 Yes	0	Primary Over-Voltage
WAB031	552	'1158099_1158097'	0	4.4	0	0	1.4	4.09	0 Yes	0	Primary Over-Voltage
WAB031	553	'1135277_1135289'	0	1.47	0	0	0.9	2.36	0 Yes	0	Primary Over-Voltage
WAB031	554	'1140177_1161381'	0	1.43	0	0	0.45	1.26	0 Yes	0	Primary Over-Voltage
WAB031	555	'42964870_1161000'	0	1.33	0	0	0.2	1.18	0 Yes	0	Primary Over-Voltage
WAB031	556	'1161371_1161368'	0	1.43	0	0	0.45	1.24	0 Yes	0	Primary Over-Voltage
WAB031	557	'69062018_69062023'	0	1	0	0	0.4	1.15	0 Yes	0	Primary Over-Voltage
WAB031	558	'1140176_1140174'	0	1.4	0	0	0.45	1.2	0 Yes	0	Primary Over-Voltage
WAB031	559	'42964116_1174422'	0	4.3	0	0	1.4	3.79	0 Yes	0	Primary Over-Voltage
WAB031	560	'1174425_7830954_2'	0	4.3	0	0	1.4	3.77	0 Yes	0	Primary Over-Voltage
WAB031	561	'1160299_1160323'	0	1.4	0	0	0.45	1.16	0 Yes	0	Primary Over-Voltage
WAB031	562	'7830957_7830954_1'	0	4.3	0	0	0.6	3.7	0 Yes	0	Primary Over-Voltage
WAB031	563	'67467807_67467814'	0	1.33	0	0	0.4	1.16	0 Yes	0	Primary Over-Voltage
WAB031	564	'1160286_42964547'	0	1.4	0	0	0.45	1.15	0 Yes	0	Primary Over-Voltage
WAB031	565	'1135834_1135831'	0	0.6	0	0	0.4	1.05	0 Yes	0	Primary Over-Voltage
WAB031	566	'1160300_1160297'	0	1.4	0	0	0.45	1.12	0 Yes	0	Primary Over-Voltage
WAB031	567	'1161016_42964872'	0	1.3	0	0	0.2	1.05	0 Yes	0	Primary Over-Voltage
WAB031	568	'1160313_1160310'	0	1.37	0	0	0.45	1.08	0 Yes	0	Primary Over-Voltage
WAB031	569	'1158080_1174405'	0	4.1	0	0	1.4	3.46	0 Yes	0	Primary Over-Voltage
WAB031	570	'357049574_42962884_1'	0	1.37	0	0	0.2	1.13	0 Yes	0	Primary Over-Voltage
WAB031	571	'1135259_1135274'	0	1.47	0	0	0.9	1.97	0 Yes	0	Primary Over-Voltage
WAB031	572	'42966766_1137335_2'	0	1.2	0	0	3.4	4	0 Yes	0	Primary Over-Voltage
WAB031	573	'1137355_42966768_1'	0	1.2	0	0	3.4	3.98	0 Yes	0	Primary Over-Voltage
WAB031	574	'42964881_1161026'	0	1.27	0	0	0.2	0.97	0 Yes	0	Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
WAB031	575	'1161042_/_1161039'	0	1.23	0	0	0.2	0.89	0 Yes	0	Primary Over-Voltage
WAB031	576	'1135244_/_1135256'	0	1.47	0	0	0.9	1.73	0 Yes	0	Primary Over-Voltage
WAB031	577	'67467934_/_67467941'	0	1.2	0	0	0.4	0.9	0 Yes	0	Primary Over-Voltage
WAB031	578	'357049539_/_42962884_2'	0	1.3	0	0	0.2	0.95	0 Yes	0	Primary Over-Voltage
WAB031	579	'1161055_/_1161052'	0	1.2	0	0	0.2	0.82	0 Yes	0	Primary Over-Voltage
WAB031	580	'1158063_/_1158077'	0	3.8	0	0	1.4	2.86	0 Yes	0	Primary Over-Voltage
WAB031	581	'114298098_/_357049541'	0	1.3	0	0	0.2	0.91	0 Yes	0	Primary Over-Voltage
WAB031	582	'42966753_/_42966768_2'	0	1.1	0	0	3.4	3.37	0 Yes	0	Primary Over-Voltage
WAB031	583	'42966740_/_42966755'	0	1.1	0	0	3.4	3.34	0 Yes	0	Primary Over-Voltage
WAB031	584	'42958712_/_42958714'	0	1.47	0	0	0.9	1.54	0 Yes	0	Primary Over-Voltage
WAB031	585	'1137372_/_1137386_1'	0	1.1	0	0	3.4	3.33	0 Yes	0	Primary Over-Voltage
WAB031	586	'1167960_/_1167957'	0	1.13	0	0	0.2	0.71	0 Yes	0	Primary Over-Voltage
WAB031	587	'1158062_/_1158060'	0	3.6	0	0	1.4	2.48	0 Yes	0	Primary Over-Voltage
WAB031	588	'1157997_/_1157995'	0	1.23	0	0	0.47	0.8	0 Yes	0	Primary Over-Voltage
WAB031	589	'114298099_/_1157982'	0	1.23	0	0	0.2	0.79	0 Yes	0	Primary Over-Voltage
WAB031	590	'42958700_/_42958702'	0	1.4	0	0	0.9	1.36	0 Yes	0	Primary Over-Voltage
WAB031	591	'1158011_/_1158021_1'	0	1.23	0	0	0.1	0.79	0 Yes	0	Primary Over-Voltage
WAB031	592	'42965877_/_1177490'	0	0.7	0	0	0.45	0.65	0 Yes	0	Primary Over-Voltage
WAB031	593	'67468051_/_67468058'	0	1.1	0	0	0.4	0.7	0 Yes	0	Primary Over-Voltage
WAB031	594	'1158024_/_1158021_2'	0	1.2	0	0	0.1	0.74	0 Yes	0	Primary Over-Voltage
WAB031	595	'1137389_/_1137386_2'	0	1	0	0	3.4	2.86	0 Yes	0	Primary Over-Voltage
WAB031	596	'1135934_/_1167990'	0	3.5	0	0	1.4	2.19	0 Yes	0	Primary Over-Voltage
WAB031	597	'1135187_/_1135338'	0	0.67	0	0	0.45	0.59	0 Yes	0	Primary Over-Voltage
WAB031	598	'1137406_/_1137403'	0	1	0	0	3.4	2.76	0 Yes	0	Primary Over-Voltage
WAB031	599	'1158037_/_42962895'	0	1.2	0	0	0.1	0.68	0 Yes	0	Primary Over-Voltage
WAB031	600	'114298195_/_1157969'	0	1.2	0	0	0.2	0.67	0 Yes	0	Primary Over-Voltage
WAB031	601	'1137476_/_1137474_1'	0	1	0	0	0.4	2.62	0 Yes	0	Primary Over-Voltage
WAB031	602	'1137423_/_1137420'	0	1	0	0	3.4	1.42	0 Yes	0	Primary Over-Voltage
WAB031	603	'1135174_/_1135184'	0	0.63	0	0	0.45	0.51	0 Yes	0	Primary Over-Voltage
WAB031	604	'1135199_/_1177503'	0	0.63	0	0	0.45	0.51	0 Yes	0	Primary Over-Voltage
WAB031	605	'42958831_/_1135932'	0	3.4	0	0	1.4	1.86	0 Yes	0	Primary Over-Voltage
WAB031	606	'1137440_/_1137437'	0	1	0	0	3.4	1.29	0 Yes	0	Primary Over-Voltage
WAB031	607	'114298293_/_1157956'	0	1.17	0	0	0.2	0.57	0 Yes	0	Primary Over-Voltage
WAB031	608	'74655506_/_67468150'	0	1.03	0	0	0.4	0.52	0 Yes	0	Primary Over-Voltage
WAB031	609	'1137457_/_1137454'	0	1	0	0	3.4	1.18	0 Yes	0	Primary Over-Voltage
WAB031	610	'42958689_/_42958691'	0	0.63	0	0	0.45	0.44	0 Yes	0	Primary Over-Voltage
WAB031	611	'1137670_/_1182505'	0	1	0	0	3.4	1.12	0 Yes	0	Primary Over-Voltage
WAB031	612	'1174366_/_1174379'	0	1.13	0	0	0.2	0.5	0 Yes	0	Primary Over-Voltage
WAB031	613	'1137671_/_1137668'	0	1	0	0	3.4	1.05	0 Yes	0	Primary Over-Voltage
WAB031	614	'114298543_/_1174392'	0	1.13	0	0	0.2	0.47	0 Yes	0	Primary Over-Voltage
WAB031	615	'1135955_/_42958833'	0	3.2	0	0	1.4	1.5	0 Yes	0	Primary Over-Voltage
WAB031	616	'470435054_/_465576303_1'	0	3.2	0	0	0.8	1.46	0 Yes	0	Primary Over-Voltage
WAB031	617	'1137688_/_1137685'	0	0.9	0	0	3.4	0.99	0 Yes	0	Primary Over-Voltage
WAB031	618	'1137477_/_1137474_2'	0	0.9	0	0	0.4	2.09	0 Yes	0	Primary Over-Voltage
WAB031	619	'1137722_/_1137702'	0	0.9	0	0	3.4	0.93	0 Yes	0	Primary Over-Voltage
WAB031	620	'1135148_/_1135158'	0	0.6	0	0	0.45	0.36	0 Yes	0	Primary Over-Voltage
WAB031	621	'42958724_/_1135197'	0	0.6	0	0	0.45	0.36	0 Yes	0	Primary Over-Voltage
WAB031	622	'420445323_/_409929637_1'	0	0.9	0	0	3.4	0.88	0 Yes	0	Primary Over-Voltage
WAB031	623	'409929640_/_409929637_2'	0	0.9	0	0	3.4	0.87	0 Yes	0	Primary Over-Voltage
WAB031	624	'157026032_/_42959026_2'	0	0.3	0	0	0.9	0.26	0 Yes	0	Primary Over-Voltage
WAB031	625	'409929683_/_409929680'	0	0.9	0	0	3.4	0.84	0 Yes	0	Primary Over-Voltage
WAB031	626	'44077439_/_1135969'	0	3.1	0	0	1.4	1.34	0 Yes	0	Primary Over-Voltage
WAB031	627	'465576389_/_465576347_1'	0	3.1	0	0	0.8	1.33	0 Yes	0	Primary Over-Voltage
WAB031	628	'8463215_/_465576303_2'	0	3.2	0	0	0.8	1.29	0 Yes	0	Primary Over-Voltage
WAB031	629	'409929703_/_409929700'	0	0.9	0	0	3.4	0.81	0 Yes	0	Primary Over-Voltage
WAB031	630	'42959024_/_42959026_1'	0	0.3	0	0	0.4	0.23	0 Yes	0	Primary Over-Voltage
WAB031	631	'409929723_/_409929720'	0	0.9	0	0	3.4	0.77	0 Yes	0	Primary Over-Voltage
WAB031	632	'1138129_/_1138126'	0	0.6	0	0	2.27	0.47	0 Yes	0	Primary Over-Voltage
WAB031	633	'114298662_/_1174363'	0	1.1	0	0	0.2	0.39	0 Yes	0	Primary Over-Voltage
WAB031	634	'409929743_/_409929740'	0	0.9	0	0	3.4	0.73	0 Yes	0	Primary Over-Voltage
WAB031	635	'465576443_/_44077441'	0	3.1	0	0	1.4	1.21	0 Yes	0	Primary Over-Voltage
WAB031	636	'409929763_/_409929760'	0	0.9	0	0	3.4	0.7	0 Yes	0	Primary Over-Voltage
WAB031	637	'420445374_/_1137977_1'	0	0.3	0	0	0.2	0.2	0 Yes	0	Primary Over-Voltage
WAB031	638	'42958678_/_1135145'	0	0.6	0	0	0.45	0.29	0 Yes	0	Primary Over-Voltage
WAB031	639	'409929783_/_409929780'	0	0.9	0	0	3.4	0.65	0 Yes	0	Primary Over-Voltage
WAB031	640	'409929803_/_409929800'	0	0.9	0	0	3.4	0.61	0 Yes	0	Primary Over-Voltage
WAB031	641	'9411368_/_465576314'	0	3.1	0	0	0.8	1.08	0 Yes	0	Primary Over-Voltage
WAB031	642	'42958747_/_42958726'	0	0.57	0	0	0.45	0.26	0 Yes	0	Primary Over-Voltage
WAB031	643	'409929823_/_409929820'	0	0.9	0	0	3.4	0.57	0 Yes	0	Primary Over-Voltage
WAB031	644	'1135370_/_9100005_2'	0	0.57	0	0	0.45	0.25	0 Yes	0	Primary Over-Voltage
WAB031	645	'410429628_/_410429588_1'	0	0.3	0	0	0.2	0.15	0 Yes	0	Primary Over-Voltage
WAB031	646	'114298837_/_42966437'	0	1.07	0	0	0.2	0.32	0 Yes	0	Primary Over-Voltage
WAB031	647	'409929843_/_409929840'	0	0.9	0	0	3.4	0.52	0 Yes	0	Primary Over-Voltage
WAB031	648	'42959035_/_1138147'	0	0.6	0	0	2.27	0.32	0 Yes	0	Primary Over-Voltage
WAB031	649	'42959013_/_42959015'	0	0.3	0	0	0.4	0.15	0 Yes	0	Primary Over-Voltage
WAB031	650	'1138150_/_1138162_1'	0	0.6	0	0	2.27	0.3	0 Yes	0	Primary Over-Voltage
WAB031	651	'409929863_/_409929860'	0	0.9	0	0	3.4	0.48	0 Yes	0	Primary Over-Voltage
WAB031	652	'409930705_/_1137977_2'	0	0.3	0	0	0.2	0.13	0 Yes	0	Primary Over-Voltage
WAB031	653	'1137493_/_1137490'	0	0.9	0	0	0.4	1.71	0 Yes	0	Primary Over-Voltage
WAB031	654	'409929883_/_409929880'	0	0.9	0	0	3.4	0.45	0 Yes	0	Primary Over-Voltage
WAB031	655	'1135122_/_1135132'	0	0.57	0	0	0.45	0.22	0 Yes	0	Primary Over-Voltage
WAB031	656	'409929903_/_409929900'	0	0.9	0	0	3.4	0.42	0 Yes	0	Primary Over-Voltage
WAB031	657	'409929923_/_409929920'	0	0.9	0	0	3.4	0.38	0 Yes	0	Primary Over-Voltage
WAB031	658	'410429591_/_410429588_2'	0	0.3	0	0	0.2	0.09	0 Yes	0	Primary Over-Voltage
WAB031	659	'409929943_/_409929940'	0	0.9	0	0	3.4	0.35	0 Yes	0	Primary Over-Voltage
WAB031	660	'409929963_/_409929960'	0	0.9	0	0	3.4	0.32	0 Yes	0	Primary Over-Voltage
WAB031	661	'409929983_/_409929980'	0	0.9	0	0	3.4	0.29	0 Yes	0	Primary Over-Voltage
WAB031	662	'1137996_/_409930707'	0	0.3	0	0	0.2	0.08	0 Yes	0	Primary Over-Voltage
WAB031	663	'409930003_/_409930000'	0	0.9	0	0	3.4	0.26	0 Yes	0	Primary Over-Voltage
WAB031	664	'420445492_/_7201018_2'	0	0.3	0	0	1.13	0.05	0 Yes	0	Primary Over-Voltage
WAB031	665	'114298911_/_1179871'	0	1.03	0	0	0.2	0.22	0 Yes	0	Primary Over-Voltage
WAB031	666	'1135106_/_1135119'	0	0.57	0	0	0.45	0.16	0 Yes	0	Primary Over-Voltage
WAB031	667	'409930023_/_409930020'	0	0.8	0	0	3.4	0.23	0 Yes	0	Primary Over-Voltage
WAB031	668	'1138165_/_1138162_2'	0	0.6	0	0	2.27	0.15	0 Yes	0	Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
WAB031	669	'409930043_/_409930040'	0	0.8	0	0	3.4	0.19	0	Yes	0 Primary Over-Voltage
WAB031	670	'416203280_/_409930060'	0	0.8	0	0	3.4	0.16	0	Yes	0 Primary Over-Voltage
WAB031	671	'420445522_/_1141983_1'	0	0.27	0	0	0.4	0.02	0	Yes	0 Primary Over-Voltage
WAB031	672	'420445540_/_1141883_1'	0	0.27	0	0	0.4	0.01	0	Yes	0 Primary Over-Voltage
WAB031	673	'7830736_/_9100005_1'	0	0.53	0	0	0.2	0.13	0	Yes	0 Primary Over-Voltage
WAB031	674	'409930083_/_409930080'	0	0.8	0	0	3.4	0.13	0	Yes	0 Primary Over-Voltage
WAB031	675	'409930103_/_409930100'	0	0.8	0	0	3.4	0.11	0	Yes	0 Primary Over-Voltage
WAB031	676	'7201021_/_7201018_1'	0	0.3	0	0	0.4	0.01	0	Yes	0 Primary Over-Voltage
WAB031	677	'409930123_/_409930120'	0	0.8	0	0	3.4	0.08	0	Yes	0 Primary Over-Voltage
WAB031	678	'1137616_/_1137642'	0	0.3	0	0	0.4	0.03	0	Yes	0 Primary Over-Voltage
WAB031	679	'1137506_/_1137503'	0	0.8	0	0	0.4	1.35	0	Yes	0 Primary Over-Voltage
WAB031	680	'409930143_/_409930140'	0	0.8	0	0	3.4	0.05	0	Yes	0 Primary Over-Voltage
WAB031	681	'42958667_/_42958669'	0	0.53	0	0	0.45	0.1	0	Yes	0 Primary Over-Voltage
WAB031	682	'114298973_/_114297842'	0	1	0	0	0.2	0.14	0	Yes	0 Primary Over-Voltage
WAB031	683	'1138180_/_1138177'	0	0.6	0	0	2.27	0.02	0	Yes	0 Primary Over-Voltage
WAB031	684	'409930163_/_409930160'	0	0.8	0	0	3.4	0	0	Yes	0 Primary Over-Voltage
WAB031	685	'1141872_/_1141883_2'	0	0.27	0	0	0.4	0	0	Yes	0 Primary Over-Voltage
WAB031	686	'1141986_/_1141983_2'	0	0.27	0	0	0.4	0	0	Yes	0 Primary Over-Voltage
WAB031	687	'420445603_/_121478110_1'	0	0.8	0	0	0.8	0	0	Yes	0 Primary Over-Voltage
WAB031	688	'409930183_/_409930180'	0	0.8	0	0	3.4	0	0	Yes	0 Primary Over-Voltage
WAB031	689	'409930203_/_409930200'	0	0.8	0	0	3.4	0	0	Yes	0 Primary Over-Voltage
WAB031	690	'410157642_/_7128143_2'	0	0.8	0	0	3.4	0	0	Yes	0 Primary Over-Voltage
WAB031	691	'1137631_/_1137629'	0	0.3	0	0	0.4	0	0	Yes	0 Primary Over-Voltage
WAB031	692	'42959928_/_7128143_1'	0	0.8	0	0	3.4	0	0	Yes	0 Primary Over-Voltage
WAB031	693	'7831017_/_7831014'	0	0.3	0	0	0.4	0	0	Yes	0 Primary Over-Voltage
WAB031	694	'1138009_/_1138006'	0	0.3	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	695	'409930223_/_409930220'	0	0.8	0	0	3.4	0	0	Yes	0 Primary Over-Voltage
WAB031	696	'409930243_/_409930240'	0	0.8	0	0	3.4	0	0	Yes	0 Primary Over-Voltage
WAB031	697	'409930263_/_409930260'	0	0.8	0	0	3.4	0	0	Yes	0 Primary Over-Voltage
WAB031	698	'121478113_/_121478110_2'	0	0.8	0	0	0.8	0	0	Yes	0 Primary Over-Voltage
WAB031	699	'1135080_/_1135090'	0	0.53	0	0	0.45	0.04	0	Yes	0 Primary Over-Voltage
WAB031	700	'42959942_/_42959944'	0	0.8	0	0	3.4	0	0	Yes	0 Primary Over-Voltage
WAB031	701	'409930283_/_409930280'	0	0.8	0	0	3.4	0	0	Yes	0 Primary Over-Voltage
WAB031	702	'114299184_/_114297909'	0	0.97	0	0	0.2	0.08	0	Yes	0 Primary Over-Voltage
WAB031	703	'409930303_/_409930300'	0	0.8	0	0	3.4	0	0	Yes	0 Primary Over-Voltage
WAB031	704	'1138195_/_1138192'	0	0.6	0	0	2.27	0	0	Yes	0 Primary Over-Voltage
WAB031	705	'1141899_/_1141896'	0	0.27	0	0	0.4	0	0	Yes	0 Primary Over-Voltage
WAB031	706	'409930323_/_409930320'	0	0.8	0	0	3.4	0	0	Yes	0 Primary Over-Voltage
WAB031	707	'114299102_/_114297966'	0	0.97	0	0	0.2	0.06	0	Yes	0 Primary Over-Voltage
WAB031	708	'420445701_/_420445669_2'	0	0.27	0	0	0.9	0	0	Yes	0 Primary Over-Voltage
WAB031	709	'114299450_/_114299259_1'	0	0.97	0	0	0.2	0.06	0	Yes	0 Primary Over-Voltage
WAB031	710	'409930349_/_409930346'	0	0.8	0	0	3.4	0	0	Yes	0 Primary Over-Voltage
WAB031	711	'42959956_/_42959958'	0	0.8	0	0	3.4	0	0	Yes	0 Primary Over-Voltage
WAB031	712	'458054176_/_1135077'	0	0.5	0	0	0.45	0	0	Yes	0 Primary Over-Voltage
WAB031	713	'410430163_/_1141999_2'	0	0.53	0	0	1.9	0	0	Yes	0 Primary Over-Voltage
WAB031	714	'409930369_/_409930366'	0	0.8	0	0	3.4	0	0	Yes	0 Primary Over-Voltage
WAB031	715	'458054188_/_446475686_1'	0	0.5	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	716	'420445667_/_420445669_1'	0	0.27	0	0	0.4	0	0	Yes	0 Primary Over-Voltage
WAB031	717	'1168400_/_409930386'	0	0.8	0	0	3.4	0	0	Yes	0 Primary Over-Voltage
WAB031	718	'42959002_/_42959004'	0	0.3	0	0	0.4	0	0	Yes	0 Primary Over-Voltage
WAB031	719	'1135067_/_456169621'	0	0.5	0	0	0.45	0	0	Yes	0 Primary Over-Voltage
WAB031	720	'1137522_/_1137519'	0	0.27	0	0	0.13	0	0	Yes	0 Primary Over-Voltage
WAB031	721	'1138022_/_1138019'	0	0.3	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	722	'42959970_/_42959972'	0	0.8	0	0	3.4	0	0	Yes	0 Primary Over-Voltage
WAB031	723	'111119164_/_42960166'	0	0.27	0	0	0.4	0	0	Yes	0 Primary Over-Voltage
WAB031	724	'1136491_/_114298014'	0	0.93	0	0	0.2	0.01	0	Yes	0 Primary Over-Voltage
WAB031	725	'42959047_/_1138207'	0	0.6	0	0	2.27	0	0	Yes	0 Primary Over-Voltage
WAB031	726	'1143547_/_1168397'	0	0.8	0	0	3.4	0	0	Yes	0 Primary Over-Voltage
WAB031	727	'42958656_/_42958658'	0	0.5	0	0	0.45	0	0	Yes	0 Primary Over-Voltage
WAB031	728	'1142001_/_1141999_1'	0	0.53	0	0	0.9	0	0	Yes	0 Primary Over-Voltage
WAB031	729	'58638468_/_7200788_2'	0	0.5	0	0	0.45	0	0	Yes	0 Primary Over-Voltage
WAB031	730	'1136504_/_1136501'	0	0.93	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	731	'42959984_/_42959986'	0	0.8	0	0	3.4	0	0	Yes	0 Primary Over-Voltage
WAB031	732	'7520607_/_7830734'	0	0.5	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	733	'114299275_/_114299259_2'	0	0.93	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	734	'1141688_/_1141686'	0	0.27	0	0	0.4	0	0	Yes	0 Primary Over-Voltage
WAB031	735	'1143548_/_1143545'	0	0.8	0	0	3.4	0	0	Yes	0 Primary Over-Voltage
WAB031	736	'1136478_/_1136488'	0	0.93	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	737	'42959998_/_42960000'	0	0.8	0	0	3.4	0	0	Yes	0 Primary Over-Voltage
WAB031	738	'7200791_/_7200788_1'	0	0.5	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	739	'1138225_/_42959049'	0	0.6	0	0	2.27	0	0	Yes	0 Primary Over-Voltage
WAB031	740	'1137590_/_1137600'	0	0.3	0	0	0.4	0	0	Yes	0 Primary Over-Voltage
WAB031	741	'1143535_/_1143562'	0	0.7	0	0	3.4	0	0	Yes	0 Primary Over-Voltage
WAB031	742	'1138035_/_1138032'	0	0.3	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	743	'111119254_/_111119166'	0	0.27	0	0	0.4	0	0	Yes	0 Primary Over-Voltage
WAB031	744	'42960012_/_42960014'	0	0.8	0	0	3.4	0	0	Yes	0 Primary Over-Voltage
WAB031	745	'42958980_/_1137532'	0	0.23	0	0	0.13	0	0	Yes	0 Primary Over-Voltage
WAB031	746	'1143522_/_1143532'	0	0.23	0	0	1	0	0	Yes	0 Primary Over-Voltage
WAB031	747	'1143582_/_1143579'	0	0.7	0	0	3.4	0	0	Yes	0 Primary Over-Voltage
WAB031	748	'114299383_/_1136475'	0	0.9	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	749	'42960026_/_42960028'	0	0.8	0	0	3.4	0	0	Yes	0 Primary Over-Voltage
WAB031	750	'9100304_/_465576284'	0	2.6	0	0	0.8	0	0	Yes	0 Primary Over-Voltage
WAB031	751	'1143521_/_1143519'	0	0.23	0	0	1	0	0	Yes	0 Primary Over-Voltage
WAB031	752	'7520608_/_7520605'	0	0.47	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	753	'1143602_/_1143599'	0	0.7	0	0	3.4	0	0	Yes	0 Primary Over-Voltage
WAB031	754	'1138048_/_1138045'	0	0.3	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	755	'1137577_/_1137587'	0	0.3	0	0	0.4	0	0	Yes	0 Primary Over-Voltage
WAB031	756	'88015874_/_88015879'	0	2.5	0	0	0.8	0	0	Yes	0 Primary Over-Voltage
WAB031	757	'1136465_/_114297816'	0	0.87	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	758	'7520140_/_446475686_2'	0	0.47	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	759	'1138351_/_42958982'	0	0.23	0	0	0.13	0	0	Yes	0 Primary Over-Voltage
WAB031	760	'44054905_/_44054907'	0	0.8	0	0	3.4	0	0	Yes	0 Primary Over-Voltage
WAB031	761	'1137576_/_1137574'	0	0.3	0	0	0.4	0	0	Yes	0 Primary Over-Voltage
WAB031	762	'1143619_/_1143616'	0	0.7	0	0	3.4	0	0	Yes	0 Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
WAB031	763	'1138260_/1138240'	0	0.6	0	0	2.27	0	0	Yes	0 Primary Over-Voltage
WAB031	764	'42960373_/42960375'	0	0.23	0	0	1	0	0	Yes	0 Primary Over-Voltage
WAB031	765	'7144270_/7144267'	0	0.3	0	0	1.13	0	0	Yes	0 Primary Over-Voltage
WAB031	766	'42958925_/1136462'	0	0.87	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	767	'8747103_/8747116_2'	0	0.3	0	0	1.13	0	0	Yes	0 Primary Over-Voltage
WAB031	768	'42960040_/42960042'	0	0.8	0	0	3.4	0	0	Yes	0 Primary Over-Voltage
WAB031	769	'111119216_/111119237'	0	0.27	0	0	0.4	0	0	Yes	0 Primary Over-Voltage
WAB031	770	'1138061_/1138058'	0	0.3	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	771	'1143636_/1143633'	0	0.7	0	0	3.4	0	0	Yes	0 Primary Over-Voltage
WAB031	772	'88015642_/88015908'	0	2.5	0	0	0.8	0	0	Yes	0 Primary Over-Voltage
WAB031	773	'7831216_/9100285'	0	0.47	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	774	'88015641_/88015638'	0	2.4	0	0	0.8	0	0	Yes	0 Primary Over-Voltage
WAB031	775	'88015669_/465576347_2'	0	2.4	0	0	0.8	0	0	Yes	0 Primary Over-Voltage
WAB031	776	'88015684_/88015680'	0	2.4	0	0	0.8	0	0	Yes	0 Primary Over-Voltage
WAB031	777	'88015656_/88015652'	0	2.4	0	0	0.8	0	0	Yes	0 Primary Over-Voltage
WAB031	778	'49160404_/42959624_2'	0	0.8	0	0	3.4	0	0	Yes	0 Primary Over-Voltage
WAB031	779	'61697486_/7097785_2'	0	0.27	0	0	0.9	0	0	Yes	0 Primary Over-Voltage
WAB031	780	'1143496_/1143506'	0	0.23	0	0	1	0	0	Yes	0 Primary Over-Voltage
WAB031	781	'1136439_/1136449'	0	0.87	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	782	'1138074_/1138071'	0	0.3	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	783	'1143656_/1143653'	0	0.7	0	0	3.4	0	0	Yes	0 Primary Over-Voltage
WAB031	784	'473235413_/473235417'	0	1.6	0	0	0.53	0	0	Yes	0 Primary Over-Voltage
WAB031	785	'68524514_/1168295_1'	0	0.27	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	786	'465576581_/473235385'	0	2.4	0	0	0.8	0	0	Yes	0 Primary Over-Voltage
WAB031	787	'1138261_/1138258'	0	0.53	0	0	2.27	0	0	Yes	0 Primary Over-Voltage
WAB031	788	'42959618_/42959624_1'	0	0.8	0	0	3.4	0	0	Yes	0 Primary Over-Voltage
WAB031	789	'1143457_/1143493'	0	0.23	0	0	1	0	0	Yes	0 Primary Over-Voltage
WAB031	790	'1143676_/1143673'	0	0.7	0	0	3.4	0	0	Yes	0 Primary Over-Voltage
WAB031	791	'88015774_/88015818'	0	2.4	0	0	0.8	0	0	Yes	0 Primary Over-Voltage
WAB031	792	'42959635_/42959641'	0	0.8	0	0	3.4	0	0	Yes	0 Primary Over-Voltage
WAB031	793	'1141633_/7097785_1'	0	0.27	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	794	'1143693_/1143690'	0	0.7	0	0	3.4	0	0	Yes	0 Primary Over-Voltage
WAB031	795	'1136425_/1136436'	0	0.83	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	796	'1141915_/1141925'	0	0.27	0	0	0.4	0	0	Yes	0 Primary Over-Voltage
WAB031	797	'7200860_/7831214'	0	0.43	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	798	'1168298_/1168295_2'	0	0.27	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	799	'42959652_/42959658'	0	0.8	0	0	3.4	0	0	Yes	0 Primary Over-Voltage
WAB031	800	'1143710_/1143707'	0	0.7	0	0	3.4	0	0	Yes	0 Primary Over-Voltage
WAB031	801	'1138276_/1138273'	0	0.53	0	0	2.27	0	0	Yes	0 Primary Over-Voltage
WAB031	802	'42960384_/1143454'	0	0.23	0	0	1	0	0	Yes	0 Primary Over-Voltage
WAB031	803	'388387473_/7200858'	0	0.43	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	804	'1143727_/1143724'	0	0.7	0	0	3.4	0	0	Yes	0 Primary Over-Voltage
WAB031	805	'1143470_/1143467_2'	0	0.23	0	0	1	0	0	Yes	0 Primary Over-Voltage
WAB031	806	'8747119_/8747116_1'	0	0.27	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	807	'42959669_/42959675'	0	0.8	0	0	3.4	0	0	Yes	0 Primary Over-Voltage
WAB031	808	'1136426_/1136423'	0	0.8	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	809	'347070731_/347070733'	0	0.27	0	0	0.4	0	0	Yes	0 Primary Over-Voltage
WAB031	810	'1141647_/1141644'	0	0.27	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	811	'1143744_/1143741'	0	0.6	0	0	3.4	0	0	Yes	0 Primary Over-Voltage
WAB031	812	'1141566_/42959690_2'	0	0.8	0	0	3.4	0	0	Yes	0 Primary Over-Voltage
WAB031	813	'42959686_/42959690_1'	0	0.8	0	0	3.4	0	0	Yes	0 Primary Over-Voltage
WAB031	814	'1138291_/1138288'	0	0.53	0	0	2.27	0	0	Yes	0 Primary Over-Voltage
WAB031	815	'388387480_/388387477'	0	0.43	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	816	'42959703_/42959707'	0	0.8	0	0	3.4	0	0	Yes	0 Primary Over-Voltage
WAB031	817	'347070768_/347070765'	0	0.27	0	0	0.4	0	0	Yes	0 Primary Over-Voltage
WAB031	818	'1143444_/1143467_1'	0	0.27	0	0	0.4	0	0	Yes	0 Primary Over-Voltage
WAB031	819	'42967162_/1141564'	0	0.27	0	0	1.13	0	0	Yes	0 Primary Over-Voltage
WAB031	820	'347070905_/347070813_1'	0	0.27	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	821	'1143761_/1143758'	0	0.6	0	0	3.4	0	0	Yes	0 Primary Over-Voltage
WAB031	822	'42959718_/42959722'	0	0.8	0	0	3.4	0	0	Yes	0 Primary Over-Voltage
WAB031	823	'430534842_/430534850'	0	0.27	0	0	0.4	0	0	Yes	0 Primary Over-Voltage
WAB031	824	'42960395_/1143930'	0	0.6	0	0	3.4	0	0	Yes	0 Primary Over-Voltage
WAB031	825	'1138306_/1138303'	0	0.53	0	0	2.27	0	0	Yes	0 Primary Over-Voltage
WAB031	826	'42959733_/42959737'	0	0.7	0	0	3.4	0	0	Yes	0 Primary Over-Voltage
WAB031	827	'88016009_/88016020'	0	2.2	0	0	0.8	0	0	Yes	0 Primary Over-Voltage
WAB031	828	'1141660_/1141657'	0	0.27	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	829	'38089007_/9100301_1'	0	2.2	0	0	0.8	0	0	Yes	0 Primary Over-Voltage
WAB031	830	'1184248_/9100301_2'	0	2.2	0	0	0.8	0	0	Yes	0 Primary Over-Voltage
WAB031	831	'471504064_/471504039_1'	0	0.73	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	832	'1143781_/1143778'	0	0.6	0	0	3.4	0	0	Yes	0 Primary Over-Voltage
WAB031	833	'42959748_/42959752'	0	0.7	0	0	3.4	0	0	Yes	0 Primary Over-Voltage
WAB031	834	'1143798_/1143795'	0	0.6	0	0	3.4	0	0	Yes	0 Primary Over-Voltage
WAB031	835	'1143418_/1143441'	0	0.23	0	0	0.4	0	0	Yes	0 Primary Over-Voltage
WAB031	836	'42959763_/42959767'	0	0.7	0	0	3.4	0	0	Yes	0 Primary Over-Voltage
WAB031	837	'1143814_/1144128'	0	0.6	0	0	3.4	0	0	Yes	0 Primary Over-Voltage
WAB031	838	'1138321_/1138318'	0	0.47	0	0	2.27	0	0	Yes	0 Primary Over-Voltage
WAB031	839	'42960408_/1143812'	0	0.6	0	0	3.4	0	0	Yes	0 Primary Over-Voltage
WAB031	840	'1141944_/1141941'	0	0.27	0	0	0.4	0	0	Yes	0 Primary Over-Voltage
WAB031	841	'424488311_/424488290_1'	0	0.27	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	842	'42960421_/42960423'	0	0.6	0	0	3.4	0	0	Yes	0 Primary Over-Voltage
WAB031	843	'1179968_/42964228_2'	0	0.6	0	0	3.4	0	0	Yes	0 Primary Over-Voltage
WAB031	844	'42964226_/42964228_1'	0	0.6	0	0	3.4	0	0	Yes	0 Primary Over-Voltage
WAB031	845	'7197504_/42959780_2'	0	0.7	0	0	3.4	0	0	Yes	0 Primary Over-Voltage
WAB031	846	'42966645_/1184246'	0	1.4	0	0	0.53	0	0	Yes	0 Primary Over-Voltage
WAB031	847	'68524976_/7197519_1'	0	0.23	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	848	'1175323_/1175337'	0	0.6	0	0	3.4	0	0	Yes	0 Primary Over-Voltage
WAB031	849	'42959916_/1141673'	0	0.23	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	850	'1141676_/42959918'	0	0.23	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	851	'42959778_/42959780_1'	0	0.7	0	0	3.4	0	0	Yes	0 Primary Over-Voltage
WAB031	852	'42964264_/1175320'	0	0.6	0	0	3.4	0	0	Yes	0 Primary Over-Voltage
WAB031	853	'1138336_/1138333'	0	0.47	0	0	2.27	0	0	Yes	0 Primary Over-Voltage
WAB031	854	'9100340_/473235443'	0	0.8	0	0	0.27	0	0	Yes	0 Primary Over-Voltage
WAB031	855	'42964239_/42964241'	0	0.6	0	0	3.4	0	0	Yes	0 Primary Over-Voltage
WAB031	856	'7197522_/7197519_2'	0	0.23	0	0	0.1	0	0	Yes	0 Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
WAB031	857	'7201232_/_471504039_2'	0	0.7	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	858	'7135847_/_7135861'	0	0.7	0	0	3.4	0	0	Yes	0 Primary Over-Voltage
WAB031	859	'1143405_/_1143415'	0	0.23	0	0	0.4	0	0	Yes	0 Primary Over-Voltage
WAB031	860	'1180070_/_1180084'	0	0.6	0	0	3.4	0	0	Yes	0 Primary Over-Voltage
WAB031	861	'1143431_/_1143428'	0	0.23	0	0	0.4	0	0	Yes	0 Primary Over-Voltage
WAB031	862	'1182243_/_1182240'	0	1.33	0	0	0.53	0	0	Yes	0 Primary Over-Voltage
WAB031	863	'42964277_/_1180067'	0	0.6	0	0	3.4	0	0	Yes	0 Primary Over-Voltage
WAB031	864	'1142035_/_1168256'	0	0.23	0	0	0.4	0	0	Yes	0 Primary Over-Voltage
WAB031	865	'1145518_/_1175354'	0	0.6	0	0	3.4	0	0	Yes	0 Primary Over-Voltage
WAB031	866	'1141553_/_1168269'	0	0.23	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	867	'42959793_/_42959797'	0	0.7	0	0	3.4	0	0	Yes	0 Primary Over-Voltage
WAB031	868	'139178900_/_1179780_1'	0	0.6	0	0	0.8	0	0	Yes	0 Primary Over-Voltage
WAB031	869	'42960710_/_1145516'	0	0.6	0	0	3.4	0	0	Yes	0 Primary Over-Voltage
WAB031	870	'1141957_/_1141954'	0	0.23	0	0	0.4	0	0	Yes	0 Primary Over-Voltage
WAB031	871	'1169805_/_1169802'	0	0.6	0	0	3.4	0	0	Yes	0 Primary Over-Voltage
WAB031	872	'42960697_/_1169819'	0	0.6	0	0	3.4	0	0	Yes	0 Primary Over-Voltage
WAB031	873	'1145539_/_42960699'	0	0.6	0	0	3.4	0	0	Yes	0 Primary Over-Voltage
WAB031	874	'1179783_/_1179780_2'	0	0.6	0	0	0.8	0	0	Yes	0 Primary Over-Voltage
WAB031	875	'42959808_/_42959812'	0	0.7	0	0	3.4	0	0	Yes	0 Primary Over-Voltage
WAB031	876	'1143904_/_1143901'	0	0.23	0	0	0.4	0	0	Yes	0 Primary Over-Voltage
WAB031	877	'1145559_/_1145556'	0	0.6	0	0	3.4	0	0	Yes	0 Primary Over-Voltage
WAB031	878	'346837556_/_347070813_2'	0	0.23	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	879	'42963336_/_42963338'	0	0.6	0	0	3.1	0	0	Yes	0 Primary Over-Voltage
WAB031	880	'1141554_/_1141551'	0	0.23	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	881	'42966409_/_1179800'	0	0.6	0	0	0.8	0	0	Yes	0 Primary Over-Voltage
WAB031	882	'1145576_/_1145573'	0	0.6	0	0	2.9	0	0	Yes	0 Primary Over-Voltage
WAB031	883	'1146507_/_1146521'	0	0.6	0	0	2.9	0	0	Yes	0 Primary Over-Voltage
WAB031	884	'42959823_/_42959827'	0	0.7	0	0	3.4	0	0	Yes	0 Primary Over-Voltage
WAB031	885	'1182258_/_1182255'	0	1.33	0	0	0.53	0	0	Yes	0 Primary Over-Voltage
WAB031	886	'1145504_/_1169784'	0	0.4	0	0	2.07	0	0	Yes	0 Primary Over-Voltage
WAB031	887	'1143392_/_1143402'	0	0.23	0	0	0.4	0	0	Yes	0 Primary Over-Voltage
WAB031	888	'42960684_/_1145593'	0	0.6	0	0	2.9	0	0	Yes	0 Primary Over-Voltage
WAB031	889	'1145632_/_1145630'	0	0.6	0	0	3	0	0	Yes	0 Primary Over-Voltage
WAB031	890	'1138493_/_1169432'	0	0.47	0	0	2.27	0	0	Yes	0 Primary Over-Voltage
WAB031	891	'42959838_/_42959842'	0	0.7	0	0	3.4	0	0	Yes	0 Primary Over-Voltage
WAB031	892	'42960723_/_1146504'	0	0.6	0	0	2.9	0	0	Yes	0 Primary Over-Voltage
WAB031	893	'1145722_/_1145719_2'	0	0.2	0	0	0.9	0	0	Yes	0 Primary Over-Voltage
WAB031	894	'51789987_/_42959903_2'	0	0.7	0	0	3.4	0	0	Yes	0 Primary Over-Voltage
WAB031	895	'1146083_/_42966411'	0	0.6	0	0	0.8	0	0	Yes	0 Primary Over-Voltage
WAB031	896	'1142034_/_1142032'	0	0.23	0	0	0.4	0	0	Yes	0 Primary Over-Voltage
WAB031	897	'1145489_/_1145501'	0	0.4	0	0	2.07	0	0	Yes	0 Primary Over-Voltage
WAB031	898	'42960689_/_42960686'	0	0.6	0	0	2.9	0	0	Yes	0 Primary Over-Voltage
WAB031	899	'247820128_/_1146081'	0	0.6	0	0	0.8	0	0	Yes	0 Primary Over-Voltage
WAB031	900	'1145709_/_1145719_1'	0	0.2	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	901	'1145777_/_1145774'	0	0.5	0	0	3	0	0	Yes	0 Primary Over-Voltage
WAB031	902	'42960672_/_42960674'	0	0.4	0	0	2.07	0	0	Yes	0 Primary Over-Voltage
WAB031	903	'1146084_/_247820132'	0	0.6	0	0	0.8	0	0	Yes	0 Primary Over-Voltage
WAB031	904	'1182273_/_1182270'	0	1.27	0	0	0.53	0	0	Yes	0 Primary Over-Voltage
WAB031	905	'1138494_/_1138491'	0	0.47	0	0	2.27	0	0	Yes	0 Primary Over-Voltage
WAB031	906	'493620884_/_1182285_2'	0	1.27	0	0	0.53	0	0	Yes	0 Primary Over-Voltage
WAB031	907	'1146101_/_1146098'	0	0.6	0	0	0.8	0	0	Yes	0 Primary Over-Voltage
WAB031	908	'42960736_/_1145706'	0	0.2	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	909	'1145793_/_1145808'	0	0.5	0	0	3	0	0	Yes	0 Primary Over-Voltage
WAB031	910	'1182366_/_1182384'	0	1.27	0	0	0.53	0	0	Yes	0 Primary Over-Voltage
WAB031	911	'1175400_/_1175397'	0	0.6	0	0	0.8	0	0	Yes	0 Primary Over-Voltage
WAB031	912	'1145473_/_1145471'	0	0.4	0	0	2	0	0	Yes	0 Primary Over-Voltage
WAB031	913	'1143391_/_1143389'	0	0.23	0	0	0.4	0	0	Yes	0 Primary Over-Voltage
WAB031	914	'1145680_/_1145693'	0	0.2	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	915	'42960747_/_427597397'	0	0.17	0	0	0.9	0	0	Yes	0 Primary Over-Voltage
WAB031	916	'1175456_/_1175454'	0	0.2	0	0	0.27	0	0	Yes	0 Primary Over-Voltage
WAB031	917	'1175417_/_1175414'	0	0.6	0	0	0.8	0	0	Yes	0 Primary Over-Voltage
WAB031	918	'1178908_/_1178933'	0	0.4	0	0	2	0	0	Yes	0 Primary Over-Voltage
WAB031	919	'50489851_/_50489855'	0	0.6	0	0	0.8	0	0	Yes	0 Primary Over-Voltage
WAB031	920	'1145763_/_1145761'	0	0.2	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	921	'1145900_/_1145914'	0	0.5	0	0	3	0	0	Yes	0 Primary Over-Voltage
WAB031	922	'50489950_/_42964327_2'	0	0.6	0	0	0.8	0	0	Yes	0 Primary Over-Voltage
WAB031	923	'1145461_/_1145458_2'	0	0.2	0	0	1	0	0	Yes	0 Primary Over-Voltage
WAB031	924	'50489935_/_50489907_2'	0	0.6	0	0	0.8	0	0	Yes	0 Primary Over-Voltage
WAB031	925	'1138512_/_1138509'	0	0.47	0	0	2.27	0	0	Yes	0 Primary Over-Voltage
WAB031	926	'50489801_/_42964327_1'	0	0.6	0	0	0.8	0	0	Yes	0 Primary Over-Voltage
WAB031	927	'1182287_/_1182285_1'	0	1.27	0	0	0.3	0	0	Yes	0 Primary Over-Voltage
WAB031	928	'1175512_/_1175509'	0	0.6	0	0	0.8	0	0	Yes	0 Primary Over-Voltage
WAB031	929	'347941334_/_347941326'	0	0.23	0	0	0.4	0	0	Yes	0 Primary Over-Voltage
WAB031	930	'42959901_/_42959903_1'	0	0.6	0	0	3.4	0	0	Yes	0 Primary Over-Voltage
WAB031	931	'347941478_/_347941346_1'	0	0.23	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	932	'50489900_/_50489907_1'	0	0.6	0	0	0.4	0	0	Yes	0 Primary Over-Voltage
WAB031	933	'1143917_/_1143914'	0	0.23	0	0	0.4	0	0	Yes	0 Primary Over-Voltage
WAB031	934	'1175472_/_1175470'	0	0.6	0	0	0.8	0	0	Yes	0 Primary Over-Voltage
WAB031	935	'42966262_/_42966264'	0	0.4	0	0	2	0	0	Yes	0 Primary Over-Voltage
WAB031	936	'1145667_/_1145677'	0	0.2	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	937	'1145844_/_1145841'	0	0.17	0	0	0.9	0	0	Yes	0 Primary Over-Voltage
WAB031	938	'1145460_/_1145458_1'	0	0.2	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	939	'1145883_/_1145897'	0	0.5	0	0	3	0	0	Yes	0 Primary Over-Voltage
WAB031	940	'1175489_/_1175523'	0	0.6	0	0	0.8	0	0	Yes	0 Primary Over-Voltage
WAB031	941	'42959885_/_42959887'	0	0.6	0	0	3.4	0	0	Yes	0 Primary Over-Voltage
WAB031	942	'1145735_/_1145732'	0	0.2	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	943	'1145666_/_1145664'	0	0.2	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	944	'1145882_/_1145880'	0	0.5	0	0	3	0	0	Yes	0 Primary Over-Voltage
WAB031	945	'1136860_/_1182363'	0	1.2	0	0	0.53	0	0	Yes	0 Primary Over-Voltage
WAB031	946	'1145748_/_1145745'	0	0.2	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	947	'1138385_/_1138524'	0	0.4	0	0	2.27	0	0	Yes	0 Primary Over-Voltage
WAB031	948	'1136848_/_1136845_2'	0	0.6	0	0	0.27	0	0	Yes	0 Primary Over-Voltage
WAB031	949	'42959869_/_42959871'	0	0.6	0	0	3.4	0	0	Yes	0 Primary Over-Voltage
WAB031	950	'1175490_/_1175487'	0	0.6	0	0	0.8	0	0	Yes	0 Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
WAB031	951	'1137082_/_1137092_1'	0	0.6	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	952	'1145857_/_1145854'	0	0.17	0	0	0.9	0	0	Yes	0 Primary Over-Voltage
WAB031	953	'1176441_/_1178948'	0	0.4	0	0	2	0	0	Yes	0 Primary Over-Voltage
WAB031	954	'1138384_/_1138697_2'	0	0.2	0	0	1	0	0	Yes	0 Primary Over-Voltage
WAB031	955	'1175091_/_1175371'	0	0.2	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	956	'1145363_/_1145361_2'	0	0.2	0	0	0.9	0	0	Yes	0 Primary Over-Voltage
WAB031	957	'1138398_/_1138395'	0	0.4	0	0	2.27	0	0	Yes	0 Primary Over-Voltage
WAB031	958	'1145189_/_1176438'	0	0.4	0	0	2	0	0	Yes	0 Primary Over-Voltage
WAB031	959	'42959853_/_42959855'	0	0.6	0	0	3.4	0	0	Yes	0 Primary Over-Voltage
WAB031	960	'1146047_/_1146064'	0	0.5	0	0	2.9	0	0	Yes	0 Primary Over-Voltage
WAB031	961	'1185225_/_1185222_1'	0	1.2	0	0	0.3	0	0	Yes	0 Primary Over-Voltage
WAB031	962	'1175092_/_1175089'	0	0.2	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	963	'1176455_/_1176453'	0	0.2	0	0	0.9	0	0	Yes	0 Primary Over-Voltage
WAB031	964	'1145934_/_427597595'	0	0.5	0	0	2.9	0	0	Yes	0 Primary Over-Voltage
WAB031	965	'1145991_/_427597569'	0	0.5	0	0	3	0	0	Yes	0 Primary Over-Voltage
WAB031	966	'42967172_/_1185222_2'	0	1.2	0	0	0.3	0	0	Yes	0 Primary Over-Voltage
WAB031	967	'1175386_/_1175498'	0	0.6	0	0	0.8	0	0	Yes	0 Primary Over-Voltage
WAB031	968	'8780869_/_8780882_1'	0	0.2	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	969	'7201005_/_9411674_1'	0	0.2	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	970	'1145870_/_1145867'	0	0.17	0	0	0.9	0	0	Yes	0 Primary Over-Voltage
WAB031	971	'1175160_/_1175170'	0	0.2	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	972	'1145364_/_1145361_1'	0	0.2	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	973	'1145188_/_1145186'	0	0.4	0	0	2	0	0	Yes	0 Primary Over-Voltage
WAB031	974	'42967489_/_42967491'	0	0.6	0	0	3.4	0	0	Yes	0 Primary Over-Voltage
WAB031	975	'42960758_/_1146044'	0	0.5	0	0	2.9	0	0	Yes	0 Primary Over-Voltage
WAB031	976	'42964314_/_1175384'	0	0.2	0	0	0.27	0	0	Yes	0 Primary Over-Voltage
WAB031	977	'1136835_/_1136845_1'	0	0.6	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	978	'1175387_/_42964316'	0	0.2	0	0	0.27	0	0	Yes	0 Primary Over-Voltage
WAB031	979	'1145957_/_1145954'	0	0.5	0	0	2.9	0	0	Yes	0 Primary Over-Voltage
WAB031	980	'1145174_/_1146708'	0	0.4	0	0	2	0	0	Yes	0 Primary Over-Voltage
WAB031	981	'42964290_/_1175157'	0	0.2	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	982	'42967502_/_42967504'	0	0.6	0	0	3.4	0	0	Yes	0 Primary Over-Voltage
WAB031	983	'1138413_/_1138410'	0	0.4	0	0	2.27	0	0	Yes	0 Primary Over-Voltage
WAB031	984	'1145377_/_1145374'	0	0.2	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	985	'424488322_/_424488290_2'	0	0.2	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	986	'1138687_/_1138697_1'	0	0.2	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	987	'42960795_/_1146005'	0	0.5	0	0	3	0	0	Yes	0 Primary Over-Voltage
WAB031	988	'1175537_/_1175534'	0	0.6	0	0	0.8	0	0	Yes	0 Primary Over-Voltage
WAB031	989	'1146030_/_1146028'	0	0.17	0	0	0.9	0	0	Yes	0 Primary Over-Voltage
WAB031	990	'1137095_/_1137092_2'	0	0.6	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	991	'42960625_/_1145171'	0	0.4	0	0	2	0	0	Yes	0 Primary Over-Voltage
WAB031	992	'7126724_/_7135844'	0	0.6	0	0	3.4	0	0	Yes	0 Primary Over-Voltage
WAB031	993	'1145390_/_1145387'	0	0.2	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	994	'1175105_/_1175144'	0	0.2	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	995	'1182320_/_42967174'	0	1.2	0	0	0.3	0	0	Yes	0 Primary Over-Voltage
WAB031	996	'436867495_/_1145971_1'	0	0.5	0	0	2.9	0	0	Yes	0 Primary Over-Voltage
WAB031	997	'45305938_/_1175548'	0	0.6	0	0	0.8	0	0	Yes	0 Primary Over-Voltage
WAB031	998	'1145098_/_1145111'	0	0.4	0	0	2	0	0	Yes	0 Primary Over-Voltage
WAB031	999	'352054339_/_1184305_1'	0	0.4	0	0	0.4	0	0	Yes	0 Primary Over-Voltage
WAB031	1000	'42960769_/_1145971_2'	0	0.5	0	0	2.9	0	0	Yes	0 Primary Over-Voltage
WAB031	1001	'1145084_/_42960615_2'	0	0.4	0	0	1.9	0	0	Yes	0 Primary Over-Voltage
WAB031	1002	'1145431_/_1145429'	0	0.2	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	1003	'42967515_/_7126722'	0	0.6	0	0	3.4	0	0	Yes	0 Primary Over-Voltage
WAB031	1004	'1138428_/_1138425'	0	0.4	0	0	2.27	0	0	Yes	0 Primary Over-Voltage
WAB031	1005	'1175104_/_1175102'	0	0.2	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	1006	'1146118_/_1146115'	0	0.5	0	0	3	0	0	Yes	0 Primary Over-Voltage
WAB031	1007	'1146220_/_1146797_2'	0	0.5	0	0	3	0	0	Yes	0 Primary Over-Voltage
WAB031	1008	'1175189_/_1175186'	0	0.2	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	1009	'42960613_/_42960615_1'	0	0.4	0	0	0.4	0	0	Yes	0 Primary Over-Voltage
WAB031	1010	'1184308_/_1184305_2'	0	0.4	0	0	0.4	0	0	Yes	0 Primary Over-Voltage
WAB031	1011	'1145406_/_1145403'	0	0.2	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	1012	'1136822_/_1136832'	0	0.57	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1013	'1145099_/_1145096'	0	0.4	0	0	2	0	0	Yes	0 Primary Over-Voltage
WAB031	1014	'1187006_/_42967517'	0	0.6	0	0	3.4	0	0	Yes	0 Primary Over-Voltage
WAB031	1015	'1145209_/_1184320'	0	0.4	0	0	0.4	0	0	Yes	0 Primary Over-Voltage
WAB031	1016	'1145068_/_1145066'	0	0.4	0	0	0.4	0	0	Yes	0 Primary Over-Voltage
WAB031	1017	'1138674_/_1138684'	0	0.2	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1018	'1187007_/_1187021_2'	0	0.2	0	0	0.9	0	0	Yes	0 Primary Over-Voltage
WAB031	1019	'1137108_/_1137105'	0	0.57	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1020	'1175118_/_1175115'	0	0.2	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	1021	'42966633_/_1182318'	0	1.13	0	0	0.3	0	0	Yes	0 Primary Over-Voltage
WAB031	1022	'1146783_/_1146797_1'	0	0.5	0	0	0.8	0	0	Yes	0 Primary Over-Voltage
WAB031	1023	'1143847_/_1168511'	0	0.4	0	0	0.4	0	0	Yes	0 Primary Over-Voltage
WAB031	1024	'42964360_/_1145416'	0	0.2	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	1025	'1138443_/_1138440'	0	0.4	0	0	2.27	0	0	Yes	0 Primary Over-Voltage
WAB031	1026	'1175202_/_1175199'	0	0.2	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	1027	'1145158_/_1145156'	0	0.4	0	0	2	0	0	Yes	0 Primary Over-Voltage
WAB031	1028	'1175690_/_42960771'	0	0.5	0	0	2.9	0	0	Yes	0 Primary Over-Voltage
WAB031	1029	'1146766_/_1146780'	0	0.5	0	0	0.8	0	0	Yes	0 Primary Over-Voltage
WAB031	1030	'1175215_/_1175212'	0	0.2	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	1031	'1145292_/_1146690'	0	0.4	0	0	2	0	0	Yes	0 Primary Over-Voltage
WAB031	1032	'1184338_/_1145207'	0	0.4	0	0	0.4	0	0	Yes	0 Primary Over-Voltage
WAB031	1033	'1187051_/_1187078'	0	0.6	0	0	3.4	0	0	Yes	0 Primary Over-Voltage
WAB031	1034	'49198139_/_1187034_1'	0	0.4	0	0	2.27	0	0	Yes	0 Primary Over-Voltage
WAB031	1035	'42964252_/_42964254'	0	0.2	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	1036	'1146749_/_1146763'	0	0.5	0	0	0.8	0	0	Yes	0 Primary Over-Voltage
WAB031	1037	'1187052_/_1187065_1'	0	0.2	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1038	'1093534_/_1187021_1'	0	0.2	0	0	0.4	0	0	Yes	0 Primary Over-Voltage
WAB031	1039	'42960808_/_1146132'	0	0.5	0	0	3	0	0	Yes	0 Primary Over-Voltage
WAB031	1040	'49198147_/_49198131_1'	0	0.2	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1041	'1145291_/_42960662'	0	0.4	0	0	2	0	0	Yes	0 Primary Over-Voltage
WAB031	1042	'1175228_/_1175225'	0	0.2	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	1043	'1137121_/_1137118'	0	0.57	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1044	'1145224_/_1184290'	0	0.4	0	0	0.4	0	0	Yes	0 Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
WAB031	1045	'1145444_/_/42964362'	0	0.2	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	1046	'1143848_/_/1143845'	0	0.4	0	0	0.4	0	0	Yes	0 Primary Over-Voltage
WAB031	1047	'1146662_/_/1146659'	0	0.2	0	0	1	0	0	Yes	0 Primary Over-Voltage
WAB031	1048	'432237977_/_/1143875_1'	0	0.2	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1049	'1138458_/_/1138455'	0	0.4	0	0	2.27	0	0	Yes	0 Primary Over-Voltage
WAB031	1050	'1136809_/_/1136819'	0	0.57	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1051	'1145312_/_/1146672'	0	0.33	0	0	2	0	0	Yes	0 Primary Over-Voltage
WAB031	1052	'52359007_/_/52358967_2'	0	0.17	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	1053	'42966621_/_/42966635'	0	1.13	0	0	0.3	0	0	Yes	0 Primary Over-Voltage
WAB031	1054	'1145225_/_/1145222'	0	0.33	0	0	0.4	0	0	Yes	0 Primary Over-Voltage
WAB031	1055	'1138629_/_/1138671'	0	0.2	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1056	'1175241_/_/1175238'	0	0.17	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	1057	'42960434_/_/1143875_2'	0	0.17	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1058	'40681843_/_/49198131_2'	0	0.2	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1059	'9411677_/_/9411674_2'	0	0.17	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1060	'1093546_/_/1187065_2'	0	0.2	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1061	'1145240_/_/1145255'	0	0.33	0	0	0.4	0	0	Yes	0 Primary Over-Voltage
WAB031	1062	'42960844_/_/42960846'	0	0.5	0	0	0.8	0	0	Yes	0 Primary Over-Voltage
WAB031	1063	'1175266_/_/1175277'	0	0.17	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	1064	'42960782_/_/42960810'	0	0.5	0	0	3	0	0	Yes	0 Primary Over-Voltage
WAB031	1065	'1145275_/_/1145273'	0	0.17	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	1066	'1174650_/_/1174647'	0	0.33	0	0	0.4	0	0	Yes	0 Primary Over-Voltage
WAB031	1067	'1187037_/_/1187034_2'	0	0.4	0	0	2.27	0	0	Yes	0 Primary Over-Voltage
WAB031	1068	'42960601_/_/1145310'	0	0.33	0	0	2	0	0	Yes	0 Primary Over-Voltage
WAB031	1069	'1143863_/_/1143860'	0	0.33	0	0	0.4	0	0	Yes	0 Primary Over-Voltage
WAB031	1070	'7520444_/_/9411658_1'	0	0.17	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1071	'1175254_/_/1175251'	0	0.17	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	1072	'1137134_/_/1137131'	0	0.57	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1073	'1145445_/_/1145442'	0	0.17	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	1074	'1146333_/_/1146726'	0	0.5	0	0	0.8	0	0	Yes	0 Primary Over-Voltage
WAB031	1075	'1093521_/_/1093531'	0	0.2	0	0	0.4	0	0	Yes	0 Primary Over-Voltage
WAB031	1076	'1145239_/_/42960639'	0	0.33	0	0	0.4	0	0	Yes	0 Primary Over-Voltage
WAB031	1077	'1138473_/_/1138470'	0	0.4	0	0	2.27	0	0	Yes	0 Primary Over-Voltage
WAB031	1078	'42966457_/_/1180015'	0	0.17	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	1079	'1093547_/_/1093544'	0	0.2	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1080	'42958969_/_/1136806'	0	0.53	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1081	'42960446_/_/42960436'	0	0.17	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1082	'1136324_/_/42966623'	0	1.07	0	0	0.3	0	0	Yes	0 Primary Over-Voltage
WAB031	1083	'1145328_/_/1145325'	0	0.33	0	0	2	0	0	Yes	0 Primary Over-Voltage
WAB031	1084	'52358941_/_/52358967_1'	0	0.17	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	1085	'1146169_/_/1146166'	0	0.4	0	0	3	0	0	Yes	0 Primary Over-Voltage
WAB031	1086	'1138603_/_/1138626'	0	0.2	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1087	'1145345_/_/1146609'	0	0.33	0	0	2	0	0	Yes	0 Primary Over-Voltage
WAB031	1088	'7831048_/_/7831046_1'	0	0.17	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	1089	'1174668_/_/1174665'	0	0.33	0	0	0.4	0	0	Yes	0 Primary Over-Voltage
WAB031	1090	'1179954_/_/1180028'	0	0.17	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	1091	'1186757_/_/1187113'	0	0.33	0	0	2.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1092	'1146257_/_/1146254'	0	0.4	0	0	3	0	0	Yes	0 Primary Over-Voltage
WAB031	1093	'1146332_/_/1146330'	0	0.5	0	0	0.8	0	0	Yes	0 Primary Over-Voltage
WAB031	1094	'51399301_/_/51399226_1'	0	0.17	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1095	'1146628_/_/1146626'	0	0.33	0	0	2	0	0	Yes	0 Primary Over-Voltage
WAB031	1096	'1145346_/_/1145343'	0	0.33	0	0	2	0	0	Yes	0 Primary Over-Voltage
WAB031	1097	'1137147_/_/1137144'	0	0.53	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1098	'1136796_/_/1137209'	0	0.53	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1099	'1179929_/_/1179952'	0	0.17	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	1100	'469971401_/_/9411658_2'	0	0.17	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1101	'1138542_/_/1138539'	0	0.33	0	0	2.27	0	0	Yes	0 Primary Over-Voltage
WAB031	1102	'42958914_/_/1136322'	0	1.07	0	0	0.3	0	0	Yes	0 Primary Over-Voltage
WAB031	1103	'1093508_/_/1093518'	0	0.2	0	0	0.4	0	0	Yes	0 Primary Over-Voltage
WAB031	1104	'1093560_/_/1093557'	0	0.17	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1105	'1182081_/_/1146274'	0	0.4	0	0	3	0	0	Yes	0 Primary Over-Voltage
WAB031	1106	'1146585_/_/1146583'	0	0.5	0	0	0.8	0	0	Yes	0 Primary Over-Voltage
WAB031	1107	'1136795_/_/1136793'	0	0.53	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1108	'1143831_/_/1179939'	0	0.17	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	1109	'51399251_/_/51399226_2'	0	0.17	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1110	'42958903_/_/42958916'	0	0.53	0	0	0.15	0	0	Yes	0 Primary Over-Voltage
WAB031	1111	'145361236_/_/1182113_1'	0	0.13	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	1112	'1138587_/_/1138584'	0	0.2	0	0	0.9	0	0	Yes	0 Primary Over-Voltage
WAB031	1113	'1136413_/_/42958905'	0	0.53	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1114	'1146186_/_/427597837'	0	0.4	0	0	2.9	0	0	Yes	0 Primary Over-Voltage
WAB031	1115	'1179928_/_/1179926'	0	0.17	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	1116	'1144033_/_/1146641'	0	0.33	0	0	2	0	0	Yes	0 Primary Over-Voltage
WAB031	1117	'9411388_/_/9411386'	0	0.53	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1118	'42960457_/_/1143888'	0	0.17	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1119	'347113624_/_/1144060_1'	0	0.17	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	1120	'1136340_/_/1168139_1'	0	0.53	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1121	'9411661_/_/469971426'	0	0.17	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1122	'42958855_/_/1168139_2'	0	0.53	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1123	'1138602_/_/1138600'	0	0.2	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1124	'1175817_/_/1182079'	0	0.4	0	0	3	0	0	Yes	0 Primary Over-Voltage
WAB031	1125	'1186758_/_/1186755'	0	0.33	0	0	2.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1126	'1143832_/_/1143829'	0	0.17	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	1127	'1175851_/_/1175864_1'	0	0.13	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	1128	'52358910_/_/52358948'	0	0.17	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	1129	'1146598_/_/1146596'	0	0.5	0	0	0.8	0	0	Yes	0 Primary Over-Voltage
WAB031	1130	'1180001_/_/1179999'	0	0.17	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	1131	'1136207_/_/1136337'	0	0.53	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1132	'1093495_/_/1093505'	0	0.17	0	0	0.4	0	0	Yes	0 Primary Over-Voltage
WAB031	1133	'1138557_/_/1138554'	0	0.33	0	0	2.27	0	0	Yes	0 Primary Over-Voltage
WAB031	1134	'1137160_/_/1137157'	0	0.53	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1135	'1136194_/_/1136204'	0	0.53	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1136	'51399278_/_/51399253'	0	0.17	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1137	'424488271_/_/424488328'	0	0.17	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	1138	'1175867_/_/1175864_2'	0	0.13	0	0	0.2	0	0	Yes	0 Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
WAB031	1139	'1144008_/1144060_2'	0	0.17	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	1140	'51399283_/51399280'	0	0.17	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1141	'1136181_/1136191'	0	0.53	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1142	'1177895_/1177892'	0	0.53	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1143	'1146293_/1182113_2'	0	0.13	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	1144	'1146203_/1146200'	0	0.4	0	0	2.9	0	0	Yes	0 Primary Over-Voltage
WAB031	1145	'1175650_/1175648'	0	0.5	0	0	0.8	0	0	Yes	0 Primary Over-Voltage
WAB031	1146	'42960479_/42960481'	0	0.17	0	0	1	0	0	Yes	0 Primary Over-Voltage
WAB031	1147	'1136168_/1136178'	0	0.53	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1148	'1175707_/1175815'	0	0.4	0	0	3	0	0	Yes	0 Primary Over-Voltage
WAB031	1149	'1169139_/1169136_2'	0	0.17	0	0	1	0	0	Yes	0 Primary Over-Voltage
WAB031	1150	'1093573_/1093570'	0	0.17	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1151	'1175638_/1175661'	0	0.5	0	0	0.8	0	0	Yes	0 Primary Over-Voltage
WAB031	1152	'1136155_/1136165'	0	0.5	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1153	'9100124_/9411690_1'	0	0.5	0	0	0.4	0	0	Yes	0 Primary Over-Voltage
WAB031	1154	'42966309_/1179097'	0	0.13	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	1155	'42967453_/1186836'	0	0.17	0	0	1	0	0	Yes	0 Primary Over-Voltage
WAB031	1156	'454249048_/454249045'	0	0.5	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1157	'7201053_/7831046_2'	0	0.17	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	1158	'42960462_/42960459'	0	0.17	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1159	'1138615_/1138613'	0	0.17	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1160	'1186806_/1186803'	0	0.33	0	0	2.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1161	'1136142_/1136152'	0	0.5	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1162	'1137173_/1137170'	0	0.5	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1163	'1186839_/42967455'	0	0.17	0	0	1	0	0	Yes	0 Primary Over-Voltage
WAB031	1164	'42964338_/42964340'	0	0.5	0	0	0.8	0	0	Yes	0 Primary Over-Voltage
WAB031	1165	'1138572_/1138569'	0	0.33	0	0	2.27	0	0	Yes	0 Primary Over-Voltage
WAB031	1166	'1175625_/1175622_2'	0	0.5	0	0	0.8	0	0	Yes	0 Primary Over-Voltage
WAB031	1167	'1093479_/1093492'	0	0.17	0	0	0.4	0	0	Yes	0 Primary Over-Voltage
WAB031	1168	'42964371_/42964373'	0	0.4	0	0	3	0	0	Yes	0 Primary Over-Voltage
WAB031	1169	'1175706_/1175704'	0	0.4	0	0	3	0	0	Yes	0 Primary Over-Voltage
WAB031	1170	'1136129_/1136139'	0	0.5	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1171	'1136220_/1136217'	0	0.5	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1172	'8780885_/8780882_2'	0	0.17	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1173	'1143995_/1144005'	0	0.17	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	1174	'7200845_/9411402'	0	0.5	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1175	'1136116_/1136126'	0	0.5	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1176	'1144021_/1169136_1'	0	0.17	0	0	1	0	0	Yes	0 Primary Over-Voltage
WAB031	1177	'1146294_/1146291'	0	0.13	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	1178	'1177908_/1177944'	0	0.5	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1179	'1136103_/1136113'	0	0.5	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1180	'1140686_/1175622_1'	0	0.5	0	0	0.8	0	0	Yes	0 Primary Over-Voltage
WAB031	1181	'469016297_/9070837_1'	0	0.5	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1182	'1175835_/1179110'	0	0.13	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	1183	'61719226_/52358917_1'	0	0.13	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	1184	'1146870_/1146885'	0	0.4	0	0	2.9	0	0	Yes	0 Primary Over-Voltage
WAB031	1185	'7805163_/9699982_1'	0	0.13	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1186	'7201052_/7201050'	0	0.17	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	1187	'9411693_/9411690_2'	0	0.5	0	0	0.4	0	0	Yes	0 Primary Over-Voltage
WAB031	1188	'1093586_/1093583'	0	0.17	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1189	'1136090_/1136100'	0	0.5	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1190	'1136873_/1137183'	0	0.5	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1191	'1136077_/1136087'	0	0.5	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1192	'1136232_/1136363'	0	0.5	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1193	'42959339_/42959341'	0	0.17	0	0	0.4	0	0	Yes	0 Primary Over-Voltage
WAB031	1194	'1140673_/1140683'	0	0.5	0	0	0.8	0	0	Yes	0 Primary Over-Voltage
WAB031	1195	'1093478_/1093476'	0	0.17	0	0	0.4	0	0	Yes	0 Primary Over-Voltage
WAB031	1196	'1136064_/1136074'	0	0.5	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1197	'1177921_/1177918'	0	0.5	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1198	'1177934_/1177931'	0	0.5	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1199	'42966009_/1178124'	0	0.33	0	0	2.27	0	0	Yes	0 Primary Over-Voltage
WAB031	1200	'49954713_/42959098'	0	0.17	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1201	'42967441_/1186821'	0	0.33	0	0	2.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1202	'1172908_/1177905'	0	0.5	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1203	'1143982_/1143992'	0	0.17	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	1204	'49175138_/42960470_1'	0	0.17	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	1205	'1136051_/1136061'	0	0.5	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1206	'1137199_/1137196'	0	0.5	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1207	'1175802_/1175832'	0	0.13	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	1208	'52359206_/52358855_2'	0	0.17	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	1209	'1136874_/1136871'	0	0.5	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1210	'1140699_/1140696'	0	0.5	0	0	0.8	0	0	Yes	0 Primary Over-Voltage
WAB031	1211	'42960821_/1146304'	0	0.13	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	1212	'42958866_/1136230'	0	0.5	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1213	'1136246_/1136243'	0	0.5	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1214	'1178141_/42966011'	0	0.33	0	0	2.27	0	0	Yes	0 Primary Over-Voltage
WAB031	1215	'1136011_/1136048'	0	0.5	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1216	'1136233_/42958868'	0	0.5	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1217	'70879798_/1179494_1'	0	0.33	0	0	2.27	0	0	Yes	0 Primary Over-Voltage
WAB031	1218	'42966110_/1140670'	0	0.5	0	0	0.8	0	0	Yes	0 Primary Over-Voltage
WAB031	1219	'7201133_/7831114_1'	0	0.17	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	1220	'1146853_/1146868'	0	0.4	0	0	2.9	0	0	Yes	0 Primary Over-Voltage
WAB031	1221	'1144076_/1144089'	0	0.17	0	0	1	0	0	Yes	0 Primary Over-Voltage
WAB031	1222	'1093599_/1093596'	0	0.17	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1223	'1178158_/1178155'	0	0.17	0	0	1.13	0	0	Yes	0 Primary Over-Voltage
WAB031	1224	'7200844_/7200842'	0	0.5	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1225	'9699985_/9699982_2'	0	0.13	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1226	'1144020_/1144018'	0	0.17	0	0	0.9	0	0	Yes	0 Primary Over-Voltage
WAB031	1227	'1140715_/1140712'	0	0.5	0	0	0.8	0	0	Yes	0 Primary Over-Voltage
WAB031	1228	'1136012_/1136009'	0	0.5	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1229	'1179497_/1179494_2'	0	0.33	0	0	2.27	0	0	Yes	0 Primary Over-Voltage
WAB031	1230	'1138657_/1138710'	0	0.17	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1231	'42966076_/42966078'	0	0.5	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1232	'1136025_/1136022'	0	0.5	0	0	0.1	0	0	Yes	0 Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
WAB031	1233	'1175789_/_1175799'	0	0.13	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	1234	'347941349_/_347941346_2'	0	0.17	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1235	'1169422_/_1172905'	0	0.5	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1236	'42960833_/_42960823'	0	0.13	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	1237	'1136259_/_1136256'	0	0.5	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1238	'1146320_/_42960835'	0	0.13	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	1239	'486817641_/_486817638'	0	0.5	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1240	'1136887_/_1136884'	0	0.5	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1241	'1136272_/_1136269'	0	0.5	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1242	'1143981_/_42960470_2'	0	0.17	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	1243	'1178337_/_1178347'	0	0.5	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1244	'42964349_/_42964351'	0	0.17	0	0	0.27	0	0	Yes	0 Primary Over-Voltage
WAB031	1245	'1140659_/_8463524_1'	0	0.17	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	1246	'42959107_/_1138655'	0	0.17	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1247	'486817657_/_486817654'	0	0.5	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1248	'1138658_/_42959109'	0	0.17	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1249	'1178316_/_1179509'	0	0.33	0	0	2.27	0	0	Yes	0 Primary Over-Voltage
WAB031	1250	'1136038_/_1178334'	0	0.5	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1251	'42967465_/_42967443'	0	0.33	0	0	2.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1252	'1175776_/_1175786'	0	0.13	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	1253	'9070840_/_9070837_2'	0	0.47	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1254	'52358848_/_52358855_1'	0	0.17	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	1255	'1146836_/_1146851'	0	0.4	0	0	2.9	0	0	Yes	0 Primary Over-Voltage
WAB031	1256	'1093612_/_1093609'	0	0.17	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1257	'1144075_/_1144073'	0	0.17	0	0	1	0	0	Yes	0 Primary Over-Voltage
WAB031	1258	'42958844_/_1136035'	0	0.47	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1259	'7201068_/_7831114_2'	0	0.17	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	1260	'1136767_/_1169419'	0	0.47	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1261	'58842518_/_58842515'	0	0.47	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1262	'1136991_/_1136988'	0	0.47	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1263	'1144105_/_1144102'	0	0.17	0	0	0.9	0	0	Yes	0 Primary Over-Voltage
WAB031	1264	'1136352_/_1136350'	0	0.47	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1265	'58842572_/_58842529_1'	0	0.47	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1266	'7520192_/_8151643'	0	0.47	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1267	'1178290_/_1178313'	0	0.33	0	0	2.27	0	0	Yes	0 Primary Over-Voltage
WAB031	1268	'1143288_/_1168498'	0	0.17	0	0	1	0	0	Yes	0 Primary Over-Voltage
WAB031	1269	'1175763_/_1175773'	0	0.13	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	1270	'1136900_/_1136897'	0	0.47	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1271	'42959518_/_1186788'	0	0.33	0	0	2.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1272	'1093625_/_1093622'	0	0.17	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1273	'1136754_/_1136764'	0	0.47	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1274	'7201069_/_7201066'	0	0.17	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	1275	'42966021_/_42966023'	0	0.17	0	0	1.13	0	0	Yes	0 Primary Over-Voltage
WAB031	1276	'42960857_/_1146834'	0	0.4	0	0	2.9	0	0	Yes	0 Primary Over-Voltage
WAB031	1277	'1143275_/_1143285'	0	0.17	0	0	1	0	0	Yes	0 Primary Over-Voltage
WAB031	1278	'1175750_/_1175760'	0	0.13	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	1279	'8463527_/_8463524_2'	0	0.13	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	1280	'1178264_/_1178274'	0	0.17	0	0	1.13	0	0	Yes	0 Primary Over-Voltage
WAB031	1281	'1137004_/_1137001'	0	0.47	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1282	'52358879_/_52358886'	0	0.13	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	1283	'1093638_/_1093635'	0	0.17	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1284	'1136689_/_1136751'	0	0.47	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1285	'1143262_/_1143272'	0	0.13	0	0	1	0	0	Yes	0 Primary Over-Voltage
WAB031	1286	'1178185_/_1178300'	0	0.17	0	0	1.13	0	0	Yes	0 Primary Over-Voltage
WAB031	1287	'42960490_/_1144115'	0	0.13	0	0	0.9	0	0	Yes	0 Primary Over-Voltage
WAB031	1288	'1146820_/_1146817'	0	0.4	0	0	2.9	0	0	Yes	0 Primary Over-Voltage
WAB031	1289	'1144118_/_42960492'	0	0.13	0	0	0.9	0	0	Yes	0 Primary Over-Voltage
WAB031	1290	'42960870_/_42960872'	0	0.4	0	0	2.9	0	0	Yes	0 Primary Over-Voltage
WAB031	1291	'1136913_/_1136910'	0	0.47	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1292	'7169916_/_7169913'	0	0.47	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1293	'49251059_/_7810225_1'	0	0.47	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1294	'1186852_/_1186849'	0	0.27	0	0	2.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1295	'1175737_/_1175747'	0	0.13	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	1296	'1093651_/_1093648'	0	0.17	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1297	'1178251_/_1178261'	0	0.17	0	0	1.13	0	0	Yes	0 Primary Over-Voltage
WAB031	1298	'1137017_/_1137014'	0	0.47	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1299	'1136702_/_1136699'	0	0.47	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1300	'42967477_/_1186989'	0	0.27	0	0	2.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1301	'42960340_/_42960342'	0	0.13	0	0	1	0	0	Yes	0 Primary Over-Voltage
WAB031	1302	'1136676_/_1136686'	0	0.47	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1303	'1178186_/_1178183'	0	0.17	0	0	1.13	0	0	Yes	0 Primary Over-Voltage
WAB031	1304	'65960903_/_1138973_1'	0	0.17	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1305	'1175612_/_1175734'	0	0.13	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	1306	'7520491_/_7520489'	0	0.17	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	1307	'7520191_/_7520189'	0	0.43	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1308	'1144319_/_1168371'	0	0.17	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1309	'1136926_/_1136923'	0	0.47	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1310	'1148714_/_1168691'	0	0.4	0	0	2.9	0	0	Yes	0 Primary Over-Voltage
WAB031	1311	'1148686_/_1148683_3'	0	0.13	0	0	0.7	0	0	Yes	0 Primary Over-Voltage
WAB031	1312	'1175572_/_1175609'	0	0.13	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	1313	'1186869_/_42967479'	0	0.27	0	0	2.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1314	'1178238_/_1178248'	0	0.17	0	0	1.13	0	0	Yes	0 Primary Over-Voltage
WAB031	1315	'229715836_/_1148683_2'	0	0.13	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	1316	'1136663_/_1136673'	0	0.47	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1317	'212661390_/_1175583_1'	0	0.13	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1318	'65960870_/_1138973_2'	0	0.17	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1319	'1148673_/_1148683_1'	0	0.13	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	1320	'1093664_/_1093661'	0	0.17	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1321	'440290598_/_440290595'	0	0.47	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1322	'1138884_/_1178196'	0	0.17	0	0	1.13	0	0	Yes	0 Primary Over-Voltage
WAB031	1323	'1143236_/_1143246'	0	0.13	0	0	1	0	0	Yes	0 Primary Over-Voltage
WAB031	1324	'1148745_/_1148742'	0	0.13	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	1325	'1148660_/_1148670'	0	0.13	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	1326	'1137030_/_1137027'	0	0.43	0	0	0.1	0	0	Yes	0 Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
WAB031	1327	'42961223_/_1148712'	0	0.4	0	0	2.9	0	0	Yes	0 Primary Over-Voltage
WAB031	1328	'443992657_/_440290611_1'	0	0.43	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1329	'1148647_/_1148657'	0	0.13	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	1330	'1136650_/_1136660'	0	0.43	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1331	'440290614_/_440290611_2'	0	0.43	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1332	'1148699_/_1148696'	0	0.13	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	1333	'65960878_/_1139002'	0	0.17	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1334	'1186870_/_1186867'	0	0.27	0	0	2.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1335	'7201302_/_7201300_1'	0	0.13	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1336	'42961125_/_42961127'	0	0.13	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	1337	'42965998_/_1178235'	0	0.13	0	0	1.13	0	0	Yes	0 Primary Over-Voltage
WAB031	1338	'1138898_/_1138882'	0	0.17	0	0	1.13	0	0	Yes	0 Primary Over-Voltage
WAB031	1339	'65960678_/_1138908_1'	0	0.17	0	0	1.13	0	0	Yes	0 Primary Over-Voltage
WAB031	1340	'65960692_/_65960303_2'	0	0.17	0	0	1.13	0	0	Yes	0 Primary Over-Voltage
WAB031	1341	'58842532_/_58842529_2'	0	0.43	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1342	'1148621_/_1148631'	0	0.13	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	1343	'42960568_/_1175583_2'	0	0.13	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1344	'1136637_/_1136647'	0	0.43	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1345	'1136939_/_1136936'	0	0.43	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1346	'1186885_/_1186882'	0	0.27	0	0	2.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1347	'1143235_/_1143233'	0	0.13	0	0	1	0	0	Yes	0 Primary Over-Voltage
WAB031	1348	'1148758_/_42961225'	0	0.3	0	0	2.9	0	0	Yes	0 Primary Over-Voltage
WAB031	1349	'251325108_/_1168529_1'	0	0.13	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1350	'157222803_/_1186928_1'	0	0.13	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1351	'251325083_/_1143324_1'	0	0.13	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1352	'1148620_/_1148618'	0	0.13	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	1353	'1144320_/_1144317'	0	0.13	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1354	'1146926_/_1168529_2'	0	0.13	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1355	'1144815_/_1175570'	0	0.13	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	1356	'1139248_/_1139245'	0	0.13	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1357	'1186899_/_1186944'	0	0.27	0	0	2.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1358	'1146350_/_1169302'	0	0.13	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	1359	'1138911_/_1138908_2'	0	0.13	0	0	1.13	0	0	Yes	0 Primary Over-Voltage
WAB031	1360	'7831101_/_8151659'	0	0.43	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1361	'65454088_/_8463556'	0	0.13	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	1362	'391426764_/_1186915'	0	0.13	0	0	1.05	0	0	Yes	0 Primary Over-Voltage
WAB031	1363	'391426992_/_1178007_1'	0	0.13	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1364	'1136624_/_1136634'	0	0.43	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1365	'42960883_/_42960885'	0	0.13	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	1366	'1186931_/_1186928_2'	0	0.13	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1367	'1169708_/_1169706'	0	0.13	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	1368	'1137043_/_1137040'	0	0.43	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1369	'1178101_/_1178111'	0	0.13	0	0	1.13	0	0	Yes	0 Primary Over-Voltage
WAB031	1370	'1136952_/_1136949'	0	0.43	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1371	'42960329_/_42960331'	0	0.13	0	0	1	0	0	Yes	0 Primary Over-Voltage
WAB031	1372	'65960296_/_65960303_1'	0	0.13	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1373	'1169735_/_1169732'	0	0.13	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	1374	'391426770_/_1178007_2'	0	0.13	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1375	'1143365_/_1143376_2'	0	0.13	0	0	1	0	0	Yes	0 Primary Over-Voltage
WAB031	1376	'7810228_/_7810225_2'	0	0.43	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1377	'1143327_/_1143324_2'	0	0.13	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1378	'1136623_/_1136621'	0	0.43	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1379	'1148778_/_1148775'	0	0.3	0	0	2.9	0	0	Yes	0 Primary Over-Voltage
WAB031	1380	'1169748_/_1169745'	0	0.13	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	1381	'445008083_/_445008080'	0	0.1	0	0	0.97	0	0	Yes	0 Primary Over-Voltage
WAB031	1382	'445008111_/_5835801640'	0	0.1	0	0	0.97	0	0	Yes	0 Primary Over-Voltage
WAB031	1383	'42959273_/_1138921'	0	0.13	0	0	1.13	0	0	Yes	0 Primary Over-Voltage
WAB031	1384	'391426816_/_1174350'	0	0.13	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1385	'1173299_/_1186897'	0	0.27	0	0	2	0	0	Yes	0 Primary Over-Voltage
WAB031	1386	'1139261_/_1139258'	0	0.13	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1387	'1146927_/_1146924'	0	0.13	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1388	'391426605_/_7201300_2'	0	0.13	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1389	'1169761_/_1169758'	0	0.13	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	1390	'42966949_/_1141209'	0	0.43	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1391	'1145027_/_1145024'	0	0.13	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1392	'1169722_/_1169771'	0	0.13	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	1393	'65960797_/_65960800'	0	0.13	0	0	1.13	0	0	Yes	0 Primary Over-Voltage
WAB031	1394	'445008112_/_445008109'	0	0.1	0	0	0.97	0	0	Yes	0 Primary Over-Voltage
WAB031	1395	'1144333_/_1144330'	0	0.13	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1396	'445008138_/_5835801671'	0	0.1	0	0	0.97	0	0	Yes	0 Primary Over-Voltage
WAB031	1397	'42965976_/_42965978'	0	0.43	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1398	'65960848_/_65960831_1'	0	0.13	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1399	'1178035_/_1178033'	0	0.43	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1400	'7201116_/_7831098'	0	0.43	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1401	'1144816_/_1144813'	0	0.13	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	1402	'391426848_/_42964096'	0	0.13	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1403	'385093803_/_385092737_1'	0	0.13	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1404	'1141126_/_1178098'	0	0.13	0	0	1.13	0	0	Yes	0 Primary Over-Voltage
WAB031	1405	'1146402_/_1169719'	0	0.13	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	1406	'1143340_/_1143337'	0	0.13	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1407	'1136965_/_1136962'	0	0.43	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1408	'1146389_/_1146399'	0	0.13	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	1409	'445008139_/_445008136'	0	0.1	0	0	0.97	0	0	Yes	0 Primary Over-Voltage
WAB031	1410	'42959262_/_42959275'	0	0.13	0	0	1.13	0	0	Yes	0 Primary Over-Voltage
WAB031	1411	'42961236_/_5835801773'	0	0.1	0	0	0.97	0	0	Yes	0 Primary Over-Voltage
WAB031	1412	'42961136_/_1148792'	0	0.3	0	0	2.9	0	0	Yes	0 Primary Over-Voltage
WAB031	1413	'1137055_/_1141196'	0	0.43	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1414	'391426861_/_1177252'	0	0.13	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1415	'1179608_/_42966389'	0	0.43	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1416	'42959484_/_1173297'	0	0.27	0	0	2	0	0	Yes	0 Primary Over-Voltage
WAB031	1417	'8463591_/_9411838_1'	0	0.43	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1418	'9411713_/_9411710'	0	0.13	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1419	'1146376_/_1146386'	0	0.13	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	1420	'1146940_/_1146937'	0	0.13	0	0	0.1	0	0	Yes	0 Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
WAB031	1421	'7201117_/_7201114'	0	0.43	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1422	'1146375_/_1146373'	0	0.13	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	1423	'7830789_/_8463248_1'	0	0.13	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1424	'1146456_/_1146454'	0	0.13	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	1425	'391426905_/_87959400'	0	0.13	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1426	'1178023_/_1179605'	0	0.43	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1427	'1139274_/_1139271'	0	0.13	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1428	'1146428_/_1146441'	0	0.13	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	1429	'1136978_/_1136975'	0	0.43	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1430	'1144346_/_1144343'	0	0.13	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1431	'1141112_/_1141110'	0	0.13	0	0	1.13	0	0	Yes	0 Primary Over-Voltage
WAB031	1432	'116893825_/_116893743_1'	0	0.13	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	1433	'65454183_/_65454190'	0	0.13	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	1434	'42960579_/_1145050'	0	0.13	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1435	'1138950_/_1138947'	0	0.13	0	0	1.13	0	0	Yes	0 Primary Over-Voltage
WAB031	1436	'1146415_/_1146425'	0	0.13	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	1437	'1144829_/_1144826'	0	0.13	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	1438	'1137056_/_1137053'	0	0.43	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1439	'1145040_/_7830770_2'	0	0.13	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1440	'42961150_/_42961138'	0	0.3	0	0	2.9	0	0	Yes	0 Primary Over-Voltage
WAB031	1441	'1173318_/_1173315'	0	0.27	0	0	2	0	0	Yes	0 Primary Over-Voltage
WAB031	1442	'65960573_/_65960831_2'	0	0.13	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1443	'1136611_/_1178020'	0	0.43	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1444	'1143353_/_1143350'	0	0.13	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1445	'1146414_/_1146412'	0	0.13	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	1446	'1146953_/_1146950'	0	0.13	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1447	'65960364_/_65960371'	0	0.13	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1448	'1138963_/_1138960'	0	0.13	0	0	1.13	0	0	Yes	0 Primary Over-Voltage
WAB031	1449	'1144359_/_1144356'	0	0.13	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1450	'111118873_/_42961238'	0	0.1	0	0	0.97	0	0	Yes	0 Primary Over-Voltage
WAB031	1451	'1178075_/_1178085'	0	0.13	0	0	1.13	0	0	Yes	0 Primary Over-Voltage
WAB031	1452	'390958553_/_1184264_1'	0	0.13	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	1453	'42960501_/_1144369'	0	0.13	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1454	'1149420_/_8463264_1'	0	0.1	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1455	'116893746_/_116893743_2'	0	0.13	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	1456	'1136598_/_1136608'	0	0.43	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1457	'9411841_/_9411838_2'	0	0.4	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1458	'50346698_/_1173345'	0	0.13	0	0	0.9	0	0	Yes	0 Primary Over-Voltage
WAB031	1459	'1148812_/_1148809'	0	0.3	0	0	2.9	0	0	Yes	0 Primary Over-Voltage
WAB031	1460	'1173348_/_8780830_2'	0	0.13	0	0	0.9	0	0	Yes	0 Primary Over-Voltage
WAB031	1461	'1137069_/_1137066'	0	0.4	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1462	'1141580_/_1168358'	0	0.13	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1463	'59455364_/_116893752'	0	0.13	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	1464	'1141509_/_1173330'	0	0.27	0	0	2	0	0	Yes	0 Primary Over-Voltage
WAB031	1465	'42959240_/_42959242'	0	0.13	0	0	1	0	0	Yes	0 Primary Over-Voltage
WAB031	1466	'42967105_/_1184264_2'	0	0.13	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	1467	'1136585_/_1136595'	0	0.4	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1468	'1137224_/_1168191'	0	0.4	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1469	'1146966_/_1146963'	0	0.13	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1470	'1144842_/_1144839'	0	0.13	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	1471	'1178049_/_1178072'	0	0.13	0	0	1.13	0	0	Yes	0 Primary Over-Voltage
WAB031	1472	'8780832_/_8780830_1'	0	0.13	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1473	'42959284_/_42967107'	0	0.13	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	1474	'1144372_/_42960503'	0	0.13	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1475	'385092715_/_385092737_2'	0	0.13	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1476	'1142050_/_1168243'	0	0.4	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1477	'9411761_/_9411774'	0	0.13	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	1478	'394760759_/_394760756'	0	0.13	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1479	'1139082_/_1139080'	0	0.13	0	0	1	0	0	Yes	0 Primary Over-Voltage
WAB031	1480	'388110127_/_385093037_1'	0	0.13	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1481	'1134866_/_1178046'	0	0.13	0	0	1.13	0	0	Yes	0 Primary Over-Voltage
WAB031	1482	'391527350_/_1139135_2'	0	0.13	0	0	1	0	0	Yes	0 Primary Over-Voltage
WAB031	1483	'1139435_/_1141507'	0	0.27	0	0	2	0	0	Yes	0 Primary Over-Voltage
WAB031	1484	'1149216_/_1149213'	0	0.3	0	0	2.9	0	0	Yes	0 Primary Over-Voltage
WAB031	1485	'398756431_/_398756428'	0	0.13	0	0	1.13	0	0	Yes	0 Primary Over-Voltage
WAB031	1486	'1137225_/_1137222'	0	0.4	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1487	'7187254_/_7187251'	0	0.4	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1488	'1134853_/_1134863'	0	0.13	0	0	1.13	0	0	Yes	0 Primary Over-Voltage
WAB031	1489	'68526174_/_8448062_2'	0	0.4	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1490	'42959295_/_42959286'	0	0.13	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	1491	'1143223_/_1143376_1'	0	0.13	0	0	1	0	0	Yes	0 Primary Over-Voltage
WAB031	1492	'394760775_/_394760772'	0	0.13	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1493	'1146979_/_1146976'	0	0.13	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1494	'398756382_/_42965989'	0	0.13	0	0	1.13	0	0	Yes	0 Primary Over-Voltage
WAB031	1495	'1148923_/_1148921'	0	0.1	0	0	0.97	0	0	Yes	0 Primary Over-Voltage
WAB031	1496	'42959229_/_42959231'	0	0.13	0	0	1	0	0	Yes	0 Primary Over-Voltage
WAB031	1497	'42959472_/_1139432'	0	0.27	0	0	2	0	0	Yes	0 Primary Over-Voltage
WAB031	1498	'441966692_/_109444492_1'	0	0.13	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1499	'7200876_/_7200874_1'	0	0.13	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1500	'1141581_/_1141578'	0	0.13	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1501	'65454120_/_65454201'	0	0.13	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	1502	'8463266_/_8463264_2'	0	0.1	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1503	'1144388_/_1144385'	0	0.13	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1504	'42959496_/_1141300'	0	0.13	0	0	1	0	0	Yes	0 Primary Over-Voltage
WAB031	1505	'1139405_/_1139417'	0	0.27	0	0	2	0	0	Yes	0 Primary Over-Voltage
WAB031	1506	'398756447_/_398756444'	0	0.13	0	0	1.13	0	0	Yes	0 Primary Over-Voltage
WAB031	1507	'1141303_/_42959498'	0	0.13	0	0	1	0	0	Yes	0 Primary Over-Voltage
WAB031	1508	'1144855_/_1144852'	0	0.13	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	1509	'51721402_/_42959297'	0	0.13	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	1510	'109444472_/_109444492_2'	0	0.13	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1511	'1139373_/_1139402'	0	0.27	0	0	2	0	0	Yes	0 Primary Over-Voltage
WAB031	1512	'1139316_/_1139371'	0	0.13	0	0	1	0	0	Yes	0 Primary Over-Voltage
WAB031	1513	'394760791_/_394760788'	0	0.13	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1514	'42959218_/_1139054'	0	0.13	0	0	1	0	0	Yes	0 Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
WAB031	1515	'1142051_/1142048'	0	0.4	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1516	'42959507_/1141525'	0	0.13	0	0	0.7	0	0	Yes	0 Primary Over-Voltage
WAB031	1517	'446308893_/446308897'	0	0.13	0	0	1.13	0	0	Yes	0 Primary Over-Voltage
WAB031	1518	'1139137_/1139135_1'	0	0.13	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	1519	'51721541_/51721479'	0	0.13	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	1520	'1143210_/1143220'	0	0.13	0	0	1	0	0	Yes	0 Primary Over-Voltage
WAB031	1521	'42959585_/1141316'	0	0.13	0	0	0.7	0	0	Yes	0 Primary Over-Voltage
WAB031	1522	'37563202_/8463248_2'	0	0.13	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1523	'37563195_/37563199'	0	0.13	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1524	'384772384_/37563192_2'	0	0.13	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1525	'37563188_/37563192_1'	0	0.13	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1526	'37563216_/37563220'	0	0.13	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1527	'384772385_/384772382'	0	0.13	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1528	'42961163_/1149269'	0	0.3	0	0	2.9	0	0	Yes	0 Primary Over-Voltage
WAB031	1529	'1146992_/42960918'	0	0.13	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1530	'9411629_/9411626'	0	0.13	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1531	'51721544_/51721519'	0	0.13	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	1532	'7200877_/7200874_2'	0	0.13	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1533	'1146363_/8780618_1'	0	0.13	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1534	'42959207_/1139041'	0	0.13	0	0	1	0	0	Yes	0 Primary Over-Voltage
WAB031	1535	'1179018_/42959587'	0	0.13	0	0	0.7	0	0	Yes	0 Primary Over-Voltage
WAB031	1536	'42960894_/8780618_2'	0	0.13	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1537	'65960465_/65960472'	0	0.13	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1538	'1134852_/1134850'	0	0.13	0	0	1.13	0	0	Yes	0 Primary Over-Voltage
WAB031	1539	'394760807_/394760804'	0	0.13	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1540	'42967050_/1179016'	0	0.13	0	0	0.7	0	0	Yes	0 Primary Over-Voltage
WAB031	1541	'1144868_/1144865'	0	0.13	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	1542	'385093166_/385093094_2'	0	0.13	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1543	'64708855_/65960530_1'	0	0.13	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1544	'1137269_/7187264'	0	0.4	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1545	'7187225_/7187235'	0	0.4	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1546	'116893765_/116893762'	0	0.13	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1547	'1132917_/1132914'	0	0.13	0	0	0.7	0	0	Yes	0 Primary Over-Voltage
WAB031	1548	'1139386_/1139384'	0	0.27	0	0	2	0	0	Yes	0 Primary Over-Voltage
WAB031	1549	'9406840_/9406838_1'	0	0.4	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1550	'64708806_/65960580'	0	0.13	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1551	'7830772_/7830770_1'	0	0.13	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1552	'125299756_/125299753'	0	0.13	0	0	0.7	0	0	Yes	0 Primary Over-Voltage
WAB031	1553	'385093018_/385093037_2'	0	0.13	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1554	'1139018_/1139028'	0	0.13	0	0	1	0	0	Yes	0 Primary Over-Voltage
WAB031	1555	'1132930_/1132927'	0	0.13	0	0	0.7	0	0	Yes	0 Primary Over-Voltage
WAB031	1556	'1144699_/1144696'	0	0.13	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1557	'385093249_/385093076_1'	0	0.13	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1558	'1139150_/1139148'	0	0.13	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	1559	'1132943_/1132940'	0	0.13	0	0	0.7	0	0	Yes	0 Primary Over-Voltage
WAB031	1560	'1141594_/1141591'	0	0.13	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1561	'1143197_/1143207'	0	0.13	0	0	1	0	0	Yes	0 Primary Over-Voltage
WAB031	1562	'1132956_/1132953'	0	0.13	0	0	0.7	0	0	Yes	0 Primary Over-Voltage
WAB031	1563	'1184219_/1184217'	0	0.13	0	0	1.13	0	0	Yes	0 Primary Over-Voltage
WAB031	1564	'42959461_/42959463'	0	0.13	0	0	1	0	0	Yes	0 Primary Over-Voltage
WAB031	1565	'386752810_/9100237_1'	0	0.13	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	1566	'385093057_/385093094_1'	0	0.13	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1567	'1146362_/1146360'	0	0.13	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1568	'1138859_/1139015'	0	0.13	0	0	1	0	0	Yes	0 Primary Over-Voltage
WAB031	1569	'7831064_/9411758'	0	0.13	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	1570	'42966156_/42959308'	0	0.13	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	1571	'385092766_/385092790'	0	0.13	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1572	'1142064_/1142061'	0	0.4	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1573	'125299783_/125299780'	0	0.13	0	0	0.7	0	0	Yes	0 Primary Over-Voltage
WAB031	1574	'1144881_/1144878'	0	0.13	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	1575	'394760823_/394760820'	0	0.13	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1576	'414395192_/54705785_2'	0	0.13	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1577	'7514044_/9406838_2'	0	0.4	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1578	'42959196_/42959198'	0	0.13	0	0	1	0	0	Yes	0 Primary Over-Voltage
WAB031	1579	'1149433_/1168753'	0	0.1	0	0	0.97	0	0	Yes	0 Primary Over-Voltage
WAB031	1580	'7514028_/7514042'	0	0.4	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1581	'1143184_/1143194'	0	0.13	0	0	1	0	0	Yes	0 Primary Over-Voltage
WAB031	1582	'42958049_/1185206'	0	0.13	0	0	0.7	0	0	Yes	0 Primary Over-Voltage
WAB031	1583	'424009269_/1143298_1'	0	0.13	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1584	'1136572_/1136582'	0	0.4	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1585	'42960927_/1168542'	0	0.13	0	0	1	0	0	Yes	0 Primary Over-Voltage
WAB031	1586	'1149289_/42961165'	0	0.3	0	0	2.9	0	0	Yes	0 Primary Over-Voltage
WAB031	1587	'1178212_/1184230'	0	0.13	0	0	1	0	0	Yes	0 Primary Over-Voltage
WAB031	1588	'427613570_/416036485_1'	0	0.13	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1589	'1149432_/1149430'	0	0.1	0	0	0.97	0	0	Yes	0 Primary Over-Voltage
WAB031	1590	'1138833_/1138843'	0	0.13	0	0	1	0	0	Yes	0 Primary Over-Voltage
WAB031	1591	'1178211_/1178222_2'	0	0.13	0	0	1	0	0	Yes	0 Primary Over-Voltage
WAB031	1592	'1146557_/1146554'	0	0.13	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1593	'42961176_/42961178'	0	0.3	0	0	2.9	0	0	Yes	0 Primary Over-Voltage
WAB031	1594	'42966167_/42966158'	0	0.13	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	1595	'1137257_/7187222'	0	0.4	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1596	'1144559_/54705750'	0	0.13	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1597	'386969830_/386969857'	0	0.13	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	1598	'1185183_/1185180'	0	0.13	0	0	0.7	0	0	Yes	0 Primary Over-Voltage
WAB031	1599	'51326783_/7514026'	0	0.4	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1600	'1145014_/1145011'	0	0.13	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	1601	'1137270_/1137267'	0	0.4	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1602	'1144894_/1144891'	0	0.13	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	1603	'1135054_/1178222_1'	0	0.13	0	0	0.3	0	0	Yes	0 Primary Over-Voltage
WAB031	1604	'51326844_/51326851'	0	0.4	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1605	'1141607_/1141604'	0	0.13	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1606	'7520208_/7520205'	0	0.13	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1607	'1143171_/1143181'	0	0.13	0	0	1	0	0	Yes	0 Primary Over-Voltage
WAB031	1608	'51326812_/51326870'	0	0.4	0	0	0.1	0	0	Yes	0 Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage	Regulator	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
				Voltage Deviation	Deviation					VSR (MW)	Limiting Threshold
WAB031	1609	'1149445_/_1149443'	0	0	0.1	0	0	0.9	0	0 Yes	0 Primary Over-Voltage
WAB031	1610	'7200775_/_9100237_2'	0	0	0.13	0	0	0.2	0	0 Yes	0 Primary Over-Voltage
WAB031	1611	'1143301_/_1143298_2'	0	0	0.13	0	0	0.1	0	0 Yes	0 Primary Over-Voltage
WAB031	1612	'42961263_/_42961260'	0	0	0.1	0	0	0.9	0	0 Yes	0 Primary Over-Voltage
WAB031	1613	'1139179_/_42966169'	0	0	0.13	0	0	0.2	0	0 Yes	0 Primary Over-Voltage
WAB031	1614	'7831184_/_8151979'	0	0	0.13	0	0	0.1	0	0 Yes	0 Primary Over-Voltage
WAB031	1615	'42959450_/_42959452'	0	0	0.13	0	0	1	0	0 Yes	0 Primary Over-Voltage
WAB031	1616	'1132968_/_1185193'	0	0	0.13	0	0	0.7	0	0 Yes	0 Primary Over-Voltage
WAB031	1617	'1135053_/_42966940'	0	0	0.13	0	0	0.3	0	0 Yes	0 Primary Over-Voltage
WAB031	1618	'1146573_/_1146570'	0	0	0.13	0	0	0.1	0	0 Yes	0 Primary Over-Voltage
WAB031	1619	'42959185_/_42959187'	0	0	0.13	0	0	1	0	0 Yes	0 Primary Over-Voltage
WAB031	1620	'1144560_/_1144557'	0	0	0.13	0	0	0.1	0	0 Yes	0 Primary Over-Voltage
WAB031	1621	'1142077_/_1142074'	0	0	0.4	0	0	0.1	0	0 Yes	0 Primary Over-Voltage
WAB031	1622	'7831065_/_7831062'	0	0	0.13	0	0	0.2	0	0 Yes	0 Primary Over-Voltage
WAB031	1623	'1139192_/_1139177'	0	0	0.13	0	0	0.2	0	0 Yes	0 Primary Over-Voltage
WAB031	1624	'1143158_/_1143168'	0	0	0.13	0	0	1	0	0 Yes	0 Primary Over-Voltage
WAB031	1625	'1138807_/_1138817'	0	0	0.13	0	0	1	0	0 Yes	0 Primary Over-Voltage
WAB031	1626	'1144907_/_1144904'	0	0	0.1	0	0	0.2	0	0 Yes	0 Primary Over-Voltage
WAB031	1627	'1168772_/_1168769'	0	0	0.1	0	0	0.9	0	0 Yes	0 Primary Over-Voltage
WAB031	1628	'385092812_/_385092831'	0	0	0.13	0	0	0.1	0	0 Yes	0 Primary Over-Voltage
WAB031	1629	'42966779_/_1132966'	0	0	0.13	0	0	0.7	0	0 Yes	0 Primary Over-Voltage
WAB031	1630	'42960362_/_1143311'	0	0	0.13	0	0	0.1	0	0 Yes	0 Primary Over-Voltage
WAB031	1631	'157393851_/_157393848'	0	0	0.13	0	0	1	0	0 Yes	0 Primary Over-Voltage
WAB031	1632	'1143314_/_42960364'	0	0	0.13	0	0	0.1	0	0 Yes	0 Primary Over-Voltage
WAB031	1633	'1132969_/_42966781'	0	0	0.13	0	0	0.7	0	0 Yes	0 Primary Over-Voltage
WAB031	1634	'7514029_/_51326814'	0	0	0.37	0	0	0.1	0	0 Yes	0 Primary Over-Voltage
WAB031	1635	'385093268_/_385092870_1'	0	0	0.1	0	0	0.1	0	0 Yes	0 Primary Over-Voltage
WAB031	1636	'1137241_/_1137254'	0	0	0.37	0	0	0.1	0	0 Yes	0 Primary Over-Voltage
WAB031	1637	'42959328_/_42959330'	0	0	0.13	0	0	0.2	0	0 Yes	0 Primary Over-Voltage
WAB031	1638	'1139218_/_1139216'	0	0	0.13	0	0	0.2	0	0 Yes	0 Primary Over-Voltage
WAB031	1639	'1149040_/_1149306'	0	0	0.3	0	0	2.9	0	0 Yes	0 Primary Over-Voltage
WAB031	1640	'1144573_/_1144570'	0	0	0.13	0	0	0.1	0	0 Yes	0 Primary Over-Voltage
WAB031	1641	'42959174_/_1138804'	0	0	0.13	0	0	1	0	0 Yes	0 Primary Over-Voltage
WAB031	1642	'1148880_/_1149037'	0	0	0.3	0	0	2.9	0	0 Yes	0 Primary Over-Voltage
WAB031	1643	'1093437_/_1139190'	0	0	0.13	0	0	0.2	0	0 Yes	0 Primary Over-Voltage
WAB031	1644	'1141620_/_1141617'	0	0	0.13	0	0	0.1	0	0 Yes	0 Primary Over-Voltage
WAB031	1645	'1143145_/_1143155'	0	0	0.13	0	0	1	0	0 Yes	0 Primary Over-Voltage
WAB031	1646	'1137286_/_1137283'	0	0	0.37	0	0	0.1	0	0 Yes	0 Primary Over-Voltage
WAB031	1647	'312054698_/_264338887_1'	0	0	0.13	0	0	0.1	0	0 Yes	0 Primary Over-Voltage
WAB031	1648	'42959439_/_42959441'	0	0	0.13	0	0	1	0	0 Yes	0 Primary Over-Voltage
WAB031	1649	'54705778_/_54705785_1'	0	0	0.13	0	0	0.1	0	0 Yes	0 Primary Over-Voltage
WAB031	1650	'8463558_/_65454123'	0	0	0.13	0	0	0.2	0	0 Yes	0 Primary Over-Voltage
WAB031	1651	'1142090_/_1142087'	0	0	0.37	0	0	0.1	0	0 Yes	0 Primary Over-Voltage
WAB031	1652	'1132981_/_1168345'	0	0	0.13	0	0	0.7	0	0 Yes	0 Primary Over-Voltage
WAB031	1653	'1093436_/_1093434'	0	0	0.13	0	0	0.2	0	0 Yes	0 Primary Over-Voltage
WAB031	1654	'1144586_/_1144583'	0	0	0.13	0	0	0.1	0	0 Yes	0 Primary Over-Voltage
WAB031	1655	'1144920_/_1144917'	0	0	0.1	0	0	0.2	0	0 Yes	0 Primary Over-Voltage
WAB031	1656	'264338890_/_264338887_2'	0	0	0.13	0	0	0.1	0	0 Yes	0 Primary Over-Voltage
WAB031	1657	'42959162_/_42959164'	0	0	0.13	0	0	1	0	0 Yes	0 Primary Over-Voltage
WAB031	1658	'7200774_/_7200772'	0	0	0.13	0	0	0.2	0	0 Yes	0 Primary Over-Voltage
WAB031	1659	'388110148_/_1144596_2'	0	0	0.13	0	0	0.1	0	0 Yes	0 Primary Over-Voltage
WAB031	1660	'388110142_/_385092980_2'	0	0	0.13	0	0	0.1	0	0 Yes	0 Primary Over-Voltage
WAB031	1661	'42958958_/_1136569'	0	0	0.37	0	0	0.1	0	0 Yes	0 Primary Over-Voltage
WAB031	1662	'1149200_/_1149248'	0	0	0.2	0	0	1.9	0	0 Yes	0 Primary Over-Voltage
WAB031	1663	'1144160_/_1168384'	0	0	0.13	0	0	0.1	0	0 Yes	0 Primary Over-Voltage
WAB031	1664	'1148881_/_1148878'	0	0	0.3	0	0	0.8	0	0 Yes	0 Primary Over-Voltage
WAB031	1665	'8780669_/_8780666_2'	0	0	0.1	0	0	0.95	0	0 Yes	0 Primary Over-Voltage
WAB031	1666	'1149199_/_1149230_2'	0	0	0.2	0	0	1.9	0	0 Yes	0 Primary Over-Voltage
WAB031	1667	'42960557_/_1144596_1'	0	0	0.13	0	0	0.1	0	0 Yes	0 Primary Over-Voltage
WAB031	1668	'1137240_/_1137238'	0	0	0.37	0	0	0.1	0	0 Yes	0 Primary Over-Voltage
WAB031	1669	'1139206_/_1139203'	0	0	0.13	0	0	0.2	0	0 Yes	0 Primary Over-Voltage
WAB031	1670	'1139344_/_1139355'	0	0	0.13	0	0	1	0	0 Yes	0 Primary Over-Voltage
WAB031	1671	'264338906_/_264338903'	0	0	0.13	0	0	0.1	0	0 Yes	0 Primary Over-Voltage
WAB031	1672	'1143132_/_1143142'	0	0	0.13	0	0	1	0	0 Yes	0 Primary Over-Voltage
WAB031	1673	'42959151_/_42959153'	0	0	0.13	0	0	1	0	0 Yes	0 Primary Over-Voltage
WAB031	1674	'1137302_/_1137299'	0	0	0.37	0	0	0.1	0	0 Yes	0 Primary Over-Voltage
WAB031	1675	'1136559_/_1136777'	0	0	0.37	0	0	0.1	0	0 Yes	0 Primary Over-Voltage
WAB031	1676	'1132982_/_1132979'	0	0	0.13	0	0	0.7	0	0 Yes	0 Primary Over-Voltage
WAB031	1677	'1148904_/_1148901'	0	0	0.3	0	0	0.8	0	0 Yes	0 Primary Over-Voltage
WAB031	1678	'1132994_/_1132992_2'	0	0	0.13	0	0	0.7	0	0 Yes	0 Primary Over-Voltage
WAB031	1679	'7831185_/_7831182'	0	0	0.13	0	0	0.1	0	0 Yes	0 Primary Over-Voltage
WAB031	1680	'387506272_/_1133122_2'	0	0	0.13	0	0	0.7	0	0 Yes	0 Primary Over-Voltage
WAB031	1681	'1139345_/_1139342'	0	0	0.13	0	0	1	0	0 Yes	0 Primary Over-Voltage
WAB031	1682	'1142259_/_1142256'	0	0	0.37	0	0	0.1	0	0 Yes	0 Primary Over-Voltage
WAB031	1683	'1148986_/_1149230_1'	0	0	0.2	0	0	1.9	0	0 Yes	0 Primary Over-Voltage
WAB031	1684	'1144933_/_1144930'	0	0	0.1	0	0	0.2	0	0 Yes	0 Primary Over-Voltage
WAB031	1685	'7490602_/_7802247'	0	0	0.13	0	0	0.2	0	0 Yes	0 Primary Over-Voltage
WAB031	1686	'1139453_/_1139450'	0	0	0.1	0	0	1	0	0 Yes	0 Primary Over-Voltage
WAB031	1687	'8775243_/_8775240'	0	0	0.37	0	0	0.1	0	0 Yes	0 Primary Over-Voltage
WAB031	1688	'1143119_/_1143129'	0	0	0.13	0	0	1	0	0 Yes	0 Primary Over-Voltage
WAB031	1689	'42958623_/_1141170'	0	0	0.13	0	0	0.3	0	0 Yes	0 Primary Over-Voltage
WAB031	1690	'42959140_/_42959142'	0	0	0.13	0	0	1	0	0 Yes	0 Primary Over-Voltage
WAB031	1691	'9411421_/_9411418'	0	0	0.13	0	0	0.2	0	0 Yes	0 Primary Over-Voltage
WAB031	1692	'7818552_/_9084647'	0	0	0.37	0	0	0.1	0	0 Yes	0 Primary Over-Voltage
WAB031	1693	'7507215_/_8448062_1'	0	0	0.37	0	0	0.1	0	0 Yes	0 Primary Over-Voltage
WAB031	1694	'1187130_/_1187170'	0	0	0.1	0	0	1	0	0 Yes	0 Primary Over-Voltage
WAB031	1695	'386969936_/_9411434_1'	0	0	0.13	0	0	0.2	0	0 Yes	0 Primary Over-Voltage
WAB031	1696	'1144161_/_1144158'	0	0	0.13	0	0	0.1	0	0 Yes	0 Primary Over-Voltage
WAB031	1697	'7520671_/_7520669_1'	0	0	0.1	0	0	0.1	0	0 Yes	0 Primary Over-Voltage
WAB031	1698	'40374649_/_44100219'	0	0	0.37	0	0	0.1	0	0 Yes	0 Primary Over-Voltage
WAB031	1699	'1136545_/_1136556'	0	0	0.37	0	0	0.1	0	0 Yes	0 Primary Over-Voltage
WAB031	1700	'42958060_/_1132992_1'	0	0	0.13	0	0	0.7	0	0 Yes	0 Primary Over-Voltage
WAB031	1701	'1133125_/_1133122_1'	0	0	0.13	0	0	0.1	0	0 Yes	0 Primary Over-Voltage
WAB031	1702	'1146911_/_264338919'	0	0	0.1	0	0	0.1	0	0 Yes	0 Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
WAB031	1703	'7818551_/_7818549'	0	0.37	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1704	'9411517_/_416036485_2'	0	0.1	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1705	'42959372_/_1139479'	0	0.1	0	0	1	0	0	Yes	0 Primary Over-Voltage
WAB031	1706	'7520224_/_8780666_1'	0	0.1	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	1707	'1144614_/_42960559'	0	0.13	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1708	'42961189_/_42961191'	0	0.2	0	0	1.9	0	0	Yes	0 Primary Over-Voltage
WAB031	1709	'1187144_/_1187141'	0	0.1	0	0	1	0	0	Yes	0 Primary Over-Voltage
WAB031	1710	'1138755_/_1138765'	0	0.13	0	0	1	0	0	Yes	0 Primary Over-Voltage
WAB031	1711	'1142272_/_1142269'	0	0.37	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1712	'7520223_/_7520221'	0	0.1	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	1713	'1139469_/_1139466'	0	0.1	0	0	1	0	0	Yes	0 Primary Over-Voltage
WAB031	1714	'42959361_/_42959363'	0	0.1	0	0	1	0	0	Yes	0 Primary Over-Voltage
WAB031	1715	'109444418_/_87221934_1'	0	0.1	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1716	'39703094_/_44096841'	0	0.37	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1717	'7520672_/_7520669_2'	0	0.1	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1718	'1143106_/_1143116'	0	0.1	0	0	1	0	0	Yes	0 Primary Over-Voltage
WAB031	1719	'1144946_/_1144943'	0	0.1	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	1720	'1133294_/_1133291'	0	0.1	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1721	'1138754_/_1138752'	0	0.13	0	0	1	0	0	Yes	0 Primary Over-Voltage
WAB031	1722	'87221928_/_87221934_2'	0	0.1	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1723	'8780637_/_8780650'	0	0.1	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	1724	'1136546_/_1136543'	0	0.37	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1725	'42959384_/_42959374'	0	0.1	0	0	1	0	0	Yes	0 Primary Over-Voltage
WAB031	1726	'385092943_/_385092980_1'	0	0.13	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1727	'42958071_/_1133005'	0	0.1	0	0	0.7	0	0	Yes	0 Primary Over-Voltage
WAB031	1728	'1148950_/_1148968'	0	0.2	0	0	1.9	0	0	Yes	0 Primary Over-Voltage
WAB031	1729	'1187131_/_1187128'	0	0.1	0	0	1	0	0	Yes	0 Primary Over-Voltage
WAB031	1730	'7490603_/_7490600'	0	0.13	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	1731	'42959129_/_42959131'	0	0.13	0	0	1	0	0	Yes	0 Primary Over-Voltage
WAB031	1732	'1144174_/_1144171'	0	0.13	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1733	'109444382_/_109444402'	0	0.1	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1734	'42959350_/_42959352'	0	0.1	0	0	1	0	0	Yes	0 Primary Over-Voltage
WAB031	1735	'1144615_/_1144612'	0	0.1	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1736	'42959395_/_1141222'	0	0.1	0	0	1	0	0	Yes	0 Primary Over-Voltage
WAB031	1737	'1143093_/_1143103'	0	0.1	0	0	1	0	0	Yes	0 Primary Over-Voltage
WAB031	1738	'42960186_/_1142386'	0	0.37	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1739	'1138726_/_1138736'	0	0.13	0	0	1	0	0	Yes	0 Primary Over-Voltage
WAB031	1740	'1148937_/_1148947'	0	0.2	0	0	1.9	0	0	Yes	0 Primary Over-Voltage
WAB031	1741	'42958634_/_1134837'	0	0.13	0	0	0.3	0	0	Yes	0 Primary Over-Voltage
WAB031	1742	'1133307_/_1133304'	0	0.1	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1743	'8463418_/_9411854'	0	0.1	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1744	'7831200_/_7831282'	0	0.1	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1745	'1134551_/_1134824'	0	0.1	0	0	0.3	0	0	Yes	0 Primary Over-Voltage
WAB031	1746	'54473749_/_54473751'	0	0.1	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	1747	'1144959_/_1144956'	0	0.1	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	1748	'7802234_/_7802231'	0	0.13	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	1749	'385092904_/_385092962'	0	0.1	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1750	'1133021_/_42958073'	0	0.1	0	0	0.7	0	0	Yes	0 Primary Over-Voltage
WAB031	1751	'1093453_/_1138723'	0	0.13	0	0	1	0	0	Yes	0 Primary Over-Voltage
WAB031	1752	'1144628_/_1144625'	0	0.1	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1753	'1141238_/_1141235'	0	0.1	0	0	1	0	0	Yes	0 Primary Over-Voltage
WAB031	1754	'1143080_/_1143090'	0	0.1	0	0	1	0	0	Yes	0 Primary Over-Voltage
WAB031	1755	'1148936_/_1148934'	0	0.1	0	0	0.95	0	0	Yes	0 Primary Over-Voltage
WAB031	1756	'1134538_/_1134548'	0	0.1	0	0	0.3	0	0	Yes	0 Primary Over-Voltage
WAB031	1757	'42959596_/_42959598'	0	0.1	0	0	0.9	0	0	Yes	0 Primary Over-Voltage
WAB031	1758	'1142285_/_1142282'	0	0.37	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1759	'7831201_/_7831198'	0	0.1	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1760	'42959118_/_42959120'	0	0.1	0	0	1	0	0	Yes	0 Primary Over-Voltage
WAB031	1761	'1144187_/_1144184'	0	0.1	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1762	'1144492_/_42960548'	0	0.1	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1763	'1133046_/_1133031'	0	0.1	0	0	0.7	0	0	Yes	0 Primary Over-Voltage
WAB031	1764	'1149001_/_1148998'	0	0.1	0	0	0.95	0	0	Yes	0 Primary Over-Voltage
WAB031	1765	'1133320_/_1133317'	0	0.1	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1766	'42958093_/_42958095'	0	0.1	0	0	0.7	0	0	Yes	0 Primary Over-Voltage
WAB031	1767	'1141250_/_1183161'	0	0.1	0	0	1	0	0	Yes	0 Primary Over-Voltage
WAB031	1768	'42961201_/_42961203'	0	0.1	0	0	0.95	0	0	Yes	0 Primary Over-Voltage
WAB031	1769	'54473822_/_54473829'	0	0.1	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	1770	'1133176_/_1133174'	0	0.1	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1771	'1144972_/_1144969'	0	0.1	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	1772	'1134041_/_1168093'	0	0.1	0	0	1	0	0	Yes	0 Primary Over-Voltage
WAB031	1773	'1134525_/_1134535'	0	0.1	0	0	0.3	0	0	Yes	0 Primary Over-Voltage
WAB031	1774	'1149161_/_1149158_2'	0	0.1	0	0	0.95	0	0	Yes	0 Primary Over-Voltage
WAB031	1775	'1143079_/_1143077'	0	0.1	0	0	1	0	0	Yes	0 Primary Over-Voltage
WAB031	1776	'1144505_/_1144502'	0	0.1	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1777	'1141413_/_1141423'	0	0.1	0	0	0.9	0	0	Yes	0 Primary Over-Voltage
WAB031	1778	'1133047_/_1133044'	0	0.1	0	0	0.7	0	0	Yes	0 Primary Over-Voltage
WAB031	1779	'7200758_/_7200756'	0	0.1	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1780	'1134028_/_1134038'	0	0.1	0	0	1	0	0	Yes	0 Primary Over-Voltage
WAB031	1781	'1142298_/_1142295'	0	0.33	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1782	'1134512_/_1134522'	0	0.1	0	0	0.3	0	0	Yes	0 Primary Over-Voltage
WAB031	1783	'1133060_/_1133057'	0	0.1	0	0	0.7	0	0	Yes	0 Primary Over-Voltage
WAB031	1784	'1144200_/_1144197'	0	0.1	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1785	'42959530_/_1141410'	0	0.1	0	0	0.9	0	0	Yes	0 Primary Over-Voltage
WAB031	1786	'1149014_/_1149011'	0	0.1	0	0	0.95	0	0	Yes	0 Primary Over-Voltage
WAB031	1787	'1144521_/_1144518'	0	0.1	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1788	'1134015_/_1134025'	0	0.1	0	0	1	0	0	Yes	0 Primary Over-Voltage
WAB031	1789	'42959406_/_1141248'	0	0.1	0	0	1	0	0	Yes	0 Primary Over-Voltage
WAB031	1790	'34632109_/_44083239'	0	0.33	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1791	'42958270_/_42958272'	0	0.1	0	0	1	0	0	Yes	0 Primary Over-Voltage
WAB031	1792	'1133333_/_1133330'	0	0.1	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1793	'1149148_/_1149158_1'	0	0.1	0	0	0.95	0	0	Yes	0 Primary Over-Voltage
WAB031	1794	'54473778_/_54473852'	0	0.1	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	1795	'1141387_/_1141397'	0	0.1	0	0	0.9	0	0	Yes	0 Primary Over-Voltage
WAB031	1796	'1143054_/_1168571'	0	0.1	0	0	1	0	0	Yes	0 Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
WAB031	1797	'66032758_/8780634'	0	0.1	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	1798	'1144988_/1144985'	0	0.1	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	1799	'7507214_/7507212'	0	0.33	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1800	'1133073_/1133070'	0	0.1	0	0	0.7	0	0	Yes	0 Primary Over-Voltage
WAB031	1801	'42959541_/1141384'	0	0.1	0	0	0.9	0	0	Yes	0 Primary Over-Voltage
WAB031	1802	'1134001_/1133999'	0	0.1	0	0	1	0	0	Yes	0 Primary Over-Voltage
WAB031	1803	'385092851_/385092923'	0	0.1	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1804	'128618279_/128618285'	0	0.33	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1805	'1149027_/1149024'	0	0.1	0	0	0.95	0	0	Yes	0 Primary Over-Voltage
WAB031	1806	'1142311_/1142308'	0	0.33	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1807	'36454781_/8455920'	0	0.33	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1808	'1141264_/42959408'	0	0.1	0	0	1	0	0	Yes	0 Primary Over-Voltage
WAB031	1809	'1143041_/1143051'	0	0.1	0	0	1	0	0	Yes	0 Primary Over-Voltage
WAB031	1810	'1133086_/1133083'	0	0.1	0	0	0.7	0	0	Yes	0 Primary Over-Voltage
WAB031	1811	'42965888_/1177718'	0	0.1	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1812	'1144213_/1144210'	0	0.1	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1813	'42958513_/42958515'	0	0.1	0	0	0.3	0	0	Yes	0 Primary Over-Voltage
WAB031	1814	'1172934_/42963540'	0	0.1	0	0	1	0	0	Yes	0 Primary Over-Voltage
WAB031	1815	'8463702_/8463700'	0	0.1	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1816	'123491716_/44093459'	0	0.33	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1817	'38884157_/123491721'	0	0.33	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1818	'122642017_/122642014'	0	0.1	0	0	0.3	0	0	Yes	0 Primary Over-Voltage
WAB031	1819	'42959607_/1141491'	0	0.1	0	0	1	0	0	Yes	0 Primary Over-Voltage
WAB031	1820	'1133346_/1133343'	0	0.1	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1821	'1149135_/1149145'	0	0.1	0	0	0.95	0	0	Yes	0 Primary Over-Voltage
WAB031	1822	'123491749_/44103616'	0	0.33	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1823	'42959552_/42959554'	0	0.1	0	0	0.9	0	0	Yes	0 Primary Over-Voltage
WAB031	1824	'1141541_/1141538'	0	0.1	0	0	1	0	0	Yes	0 Primary Over-Voltage
WAB031	1825	'1143028_/1143038'	0	0.1	0	0	1	0	0	Yes	0 Primary Over-Voltage
WAB031	1826	'1144226_/1144223'	0	0.1	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1827	'1141276_/1141478'	0	0.1	0	0	1	0	0	Yes	0 Primary Over-Voltage
WAB031	1828	'42958082_/1133096'	0	0.1	0	0	0.7	0	0	Yes	0 Primary Over-Voltage
WAB031	1829	'1145001_/1144998'	0	0.1	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	1830	'118180503_/1133187'	0	0.1	0	0	0.7	0	0	Yes	0 Primary Over-Voltage
WAB031	1831	'1142324_/1142321'	0	0.33	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1832	'66032805_/66032816'	0	0.1	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	1833	'42959428_/42959609'	0	0.1	0	0	1	0	0	Yes	0 Primary Over-Voltage
WAB031	1834	'408573429_/408573385'	0	0.1	0	0	1	0	0	Yes	0 Primary Over-Voltage
WAB031	1835	'42958524_/122642029'	0	0.1	0	0	0.3	0	0	Yes	0 Primary Over-Voltage
WAB031	1836	'1141468_/9411450_2'	0	0.1	0	0	1	0	0	Yes	0 Primary Over-Voltage
WAB031	1837	'1144533_/1177731'	0	0.1	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1838	'1169032_/1169029'	0	0.1	0	0	0.95	0	0	Yes	0 Primary Over-Voltage
WAB031	1839	'1143015_/1143025'	0	0.1	0	0	1	0	0	Yes	0 Primary Over-Voltage
WAB031	1840	'42958127_/42958084'	0	0.1	0	0	0.7	0	0	Yes	0 Primary Over-Voltage
WAB031	1841	'1141277_/1141274'	0	0.1	0	0	1	0	0	Yes	0 Primary Over-Voltage
WAB031	1842	'1168586_/1168584'	0	0.1	0	0	1	0	0	Yes	0 Primary Over-Voltage
WAB031	1843	'68524596_/1141358'	0	0.1	0	0	0.9	0	0	Yes	0 Primary Over-Voltage
WAB031	1844	'118180542_/1174295'	0	0.1	0	0	0.7	0	0	Yes	0 Primary Over-Voltage
WAB031	1845	'1134473_/1134483'	0	0.1	0	0	0.3	0	0	Yes	0 Primary Over-Voltage
WAB031	1846	'1144238_/1144236'	0	0.1	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1847	'118180605_/51382305'	0	0.1	0	0	0.7	0	0	Yes	0 Primary Over-Voltage
WAB031	1848	'128618397_/128618403'	0	0.33	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1849	'1149328_/1168665'	0	0.1	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	1850	'1133359_/1133356'	0	0.1	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1851	'128618362_/128618453'	0	0.33	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1852	'1149122_/1149132'	0	0.1	0	0	0.95	0	0	Yes	0 Primary Over-Voltage
WAB031	1853	'343613312_/336964963_1'	0	0.1	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1854	'128618221_/128618229'	0	0.33	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1855	'1133229_/1133226'	0	0.1	0	0	0.7	0	0	Yes	0 Primary Over-Voltage
WAB031	1856	'42958259_/42958261'	0	0.1	0	0	1	0	0	Yes	0 Primary Over-Voltage
WAB031	1857	'42958535_/42958537'	0	0.1	0	0	0.3	0	0	Yes	0 Primary Over-Voltage
WAB031	1858	'1144252_/1144249'	0	0.1	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1859	'42959574_/1141345'	0	0.1	0	0	0.9	0	0	Yes	0 Primary Over-Voltage
WAB031	1860	'1143002_/1143012'	0	0.1	0	0	1	0	0	Yes	0 Primary Over-Voltage
WAB031	1861	'118180431_/1174311'	0	0.1	0	0	0.7	0	0	Yes	0 Primary Over-Voltage
WAB031	1862	'42959417_/1141449'	0	0.1	0	0	1	0	0	Yes	0 Primary Over-Voltage
WAB031	1863	'1144534_/1144531'	0	0.1	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1864	'118180793_/1174324'	0	0.1	0	0	0.7	0	0	Yes	0 Primary Over-Voltage
WAB031	1865	'410157626_/9411982_2'	0	0.1	0	0	0.7	0	0	Yes	0 Primary Over-Voltage
WAB031	1866	'1142337_/1142334'	0	0.33	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1867	'1169045_/1169042'	0	0.07	0	0	0.95	0	0	Yes	0 Primary Over-Voltage
WAB031	1868	'1133216_/7520105_2'	0	0.1	0	0	0.7	0	0	Yes	0 Primary Over-Voltage
WAB031	1869	'66032831_/66032871'	0	0.1	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	1870	'1177597_/1177594'	0	0.1	0	0	1	0	0	Yes	0 Primary Over-Voltage
WAB031	1871	'128618316_/128618334'	0	0.33	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1872	'1134447_/1134457'	0	0.1	0	0	0.3	0	0	Yes	0 Primary Over-Voltage
WAB031	1873	'40679742_/123491755'	0	0.33	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1874	'42958138_/1133239'	0	0.1	0	0	0.7	0	0	Yes	0 Primary Over-Voltage
WAB031	1875	'8781084_/9411982_1'	0	0.1	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1876	'42958248_/42958250'	0	0.1	0	0	1	0	0	Yes	0 Primary Over-Voltage
WAB031	1877	'1142989_/1142999'	0	0.1	0	0	1	0	0	Yes	0 Primary Over-Voltage
WAB031	1878	'45305430_/1141287'	0	0.1	0	0	1	0	0	Yes	0 Primary Over-Voltage
WAB031	1879	'1149109_/1149119'	0	0.1	0	0	0.95	0	0	Yes	0 Primary Over-Voltage
WAB031	1880	'1177610_/1177607'	0	0.1	0	0	1	0	0	Yes	0 Primary Over-Voltage
WAB031	1881	'1141334_/1141332'	0	0.1	0	0	0.9	0	0	Yes	0 Primary Over-Voltage
WAB031	1882	'42960535_/1144544'	0	0.1	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1883	'1149329_/1149326'	0	0.1	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	1884	'42958546_/1134444'	0	0.1	0	0	0.3	0	0	Yes	0 Primary Over-Voltage
WAB031	1885	'1133950_/1133960'	0	0.1	0	0	1	0	0	Yes	0 Primary Over-Voltage
WAB031	1886	'1133372_/1133369'	0	0.1	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1887	'128618260_/128618348'	0	0.33	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1888	'42958149_/42958140'	0	0.1	0	0	0.7	0	0	Yes	0 Primary Over-Voltage
WAB031	1889	'7520108_/7520105_1'	0	0.1	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1890	'1142350_/1142347'	0	0.33	0	0	0.1	0	0	Yes	0 Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
WAB031	1891	'1144265_/_1144262'	0	0.1	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1892	'1169061_/_1169058'	0	0.07	0	0	0.95	0	0	Yes	0 Primary Over-Voltage
WAB031	1893	'1142988_/_1142986'	0	0.1	0	0	1	0	0	Yes	0 Primary Over-Voltage
WAB031	1894	'1168232_/_1168230'	0	0.1	0	0	0.9	0	0	Yes	0 Primary Over-Voltage
WAB031	1895	'8781200_/_9411450_1'	0	0.1	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1896	'8780636_/_66032836'	0	0.1	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	1897	'42958557_/_42958559'	0	0.1	0	0	0.3	0	0	Yes	0 Primary Over-Voltage
WAB031	1898	'1149108_/_1149106'	0	0.1	0	0	0.95	0	0	Yes	0 Primary Over-Voltage
WAB031	1899	'1133949_/_1133947'	0	0.1	0	0	1	0	0	Yes	0 Primary Over-Voltage
WAB031	1900	'42958160_/_42958151'	0	0.1	0	0	0.7	0	0	Yes	0 Primary Over-Voltage
WAB031	1901	'7830705_/_7830702'	0	0.1	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1902	'1172643_/_1172640'	0	0.1	0	0	0.9	0	0	Yes	0 Primary Over-Voltage
WAB031	1903	'1143066_/_1143064'	0	0.1	0	0	1	0	0	Yes	0 Primary Over-Voltage
WAB031	1904	'156274705_/_1147525_1'	0	0.1	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1905	'42961212_/_42961214'	0	0.1	0	0	0.95	0	0	Yes	0 Primary Over-Voltage
WAB031	1906	'42958413_/_42958415'	0	0.1	0	0	0.3	0	0	Yes	0 Primary Over-Voltage
WAB031	1907	'1169074_/_1169071'	0	0.07	0	0	0.95	0	0	Yes	0 Primary Over-Voltage
WAB031	1908	'1147137_/_1147525_2'	0	0.1	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1909	'42963482_/_42963484'	0	0.1	0	0	0.9	0	0	Yes	0 Primary Over-Voltage
WAB031	1910	'42960197_/_1142360'	0	0.33	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1911	'1149342_/_1149339'	0	0.1	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	1912	'336964944_/_336964963_2'	0	0.1	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1913	'1133385_/_1133382'	0	0.1	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1914	'7831148_/_8781082'	0	0.1	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1915	'42958165_/_42958162'	0	0.1	0	0	0.7	0	0	Yes	0 Primary Over-Voltage
WAB031	1916	'42958237_/_42958239'	0	0.1	0	0	1	0	0	Yes	0 Primary Over-Voltage
WAB031	1917	'1149083_/_1149093'	0	0.1	0	0	0.95	0	0	Yes	0 Primary Over-Voltage
WAB031	1918	'1134053_/_1134077'	0	0.1	0	0	1	0	0	Yes	0 Primary Over-Voltage
WAB031	1919	'1182574_/_1182584'	0	0.1	0	0	1	0	0	Yes	0 Primary Over-Voltage
WAB031	1920	'1147138_/_1147135'	0	0.1	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1921	'1144278_/_1144275'	0	0.1	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1922	'1142376_/_42960199'	0	0.3	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1923	'1134054_/_1134051'	0	0.1	0	0	1	0	0	Yes	0 Primary Over-Voltage
WAB031	1924	'387470238_/_387470235'	0	0.07	0	0	0.95	0	0	Yes	0 Primary Over-Voltage
WAB031	1925	'8463234_/_8463232_1'	0	0.3	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1926	'322756939_/_42958327'	0	0.1	0	0	0.3	0	0	Yes	0 Primary Over-Voltage
WAB031	1927	'1133462_/_42960537'	0	0.1	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1928	'1147151_/_1147148'	0	0.1	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1929	'7831149_/_7831146'	0	0.1	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1930	'1147125_/_1182571'	0	0.1	0	0	1	0	0	Yes	0 Primary Over-Voltage
WAB031	1931	'1134105_/_322756941'	0	0.1	0	0	0.3	0	0	Yes	0 Primary Over-Voltage
WAB031	1932	'88920304_/_88920234'	0	0.1	0	0	0.95	0	0	Yes	0 Primary Over-Voltage
WAB031	1933	'42960219_/_1142399'	0	0.3	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1934	'1169087_/_1169084'	0	0.07	0	0	0.95	0	0	Yes	0 Primary Over-Voltage
WAB031	1935	'1144291_/_1144288'	0	0.1	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1936	'1149474_/_1168678'	0	0.1	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	1937	'1133398_/_1133395'	0	0.1	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1938	'1134066_/_1134064'	0	0.1	0	0	1	0	0	Yes	0 Primary Over-Voltage
WAB031	1939	'1179439_/_1179436'	0	0.1	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1940	'8146033_/_44083254_1'	0	0.3	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1941	'42966274_/_42966276'	0	0.1	0	0	0.3	0	0	Yes	0 Primary Over-Voltage
WAB031	1942	'1140812_/_1140810'	0	0.1	0	0	0.9	0	0	Yes	0 Primary Over-Voltage
WAB031	1943	'1147112_/_1147122'	0	0.1	0	0	1	0	0	Yes	0 Primary Over-Voltage
WAB031	1944	'7520540_/_7520553_1'	0	0.1	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1945	'442293886_/_1140823_1'	0	0.1	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	1946	'1147164_/_1147174_1'	0	0.1	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1947	'1179455_/_1179452'	0	0.1	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1948	'8463235_/_8463232_2'	0	0.3	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1949	'1147177_/_1147174_2'	0	0.1	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1950	'44079000_/_44079002'	0	0.1	0	0	0.3	0	0	Yes	0 Primary Over-Voltage
WAB031	1951	'1133463_/_1133460'	0	0.1	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1952	'88920309_/_88920269'	0	0.1	0	0	0.95	0	0	Yes	0 Primary Over-Voltage
WAB031	1953	'1169100_/_1169097'	0	0.07	0	0	0.95	0	0	Yes	0 Primary Over-Voltage
WAB031	1954	'1182876_/_1182886'	0	0.1	0	0	0.3	0	0	Yes	0 Primary Over-Voltage
WAB031	1955	'1134681_/_1168080'	0	0.1	0	0	1	0	0	Yes	0 Primary Over-Voltage
WAB031	1956	'1134093_/_1182873'	0	0.1	0	0	0.3	0	0	Yes	0 Primary Over-Voltage
WAB031	1957	'1142414_/_42960221'	0	0.3	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1958	'8781201_/_8781198'	0	0.1	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1959	'1134092_/_1134090'	0	0.1	0	0	0.3	0	0	Yes	0 Primary Over-Voltage
WAB031	1960	'34634229_/_49461292'	0	0.1	0	0	0.3	0	0	Yes	0 Primary Over-Voltage
WAB031	1961	'1147099_/_1147109'	0	0.1	0	0	1	0	0	Yes	0 Primary Over-Voltage
WAB031	1962	'1144307_/_1144304'	0	0.1	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1963	'42958281_/_1134889'	0	0.1	0	0	0.3	0	0	Yes	0 Primary Over-Voltage
WAB031	1964	'1133476_/_1133473'	0	0.1	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1965	'7520556_/_7520553_2'	0	0.1	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1966	'1133411_/_1133408'	0	0.1	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1967	'1149475_/_1149472'	0	0.1	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	1968	'88920462_/_88920459'	0	0.1	0	0	0.95	0	0	Yes	0 Primary Over-Voltage
WAB031	1969	'1134161_/_1134905'	0	0.1	0	0	0.3	0	0	Yes	0 Primary Over-Voltage
WAB031	1970	'42958568_/_42958570'	0	0.1	0	0	1	0	0	Yes	0 Primary Over-Voltage
WAB031	1971	'1147190_/_1147187'	0	0.1	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1972	'1169113_/_1169110'	0	0.07	0	0	0.95	0	0	Yes	0 Primary Over-Voltage
WAB031	1973	'1134148_/_1134158'	0	0.1	0	0	0.3	0	0	Yes	0 Primary Over-Voltage
WAB031	1974	'87959546_/_8780914'	0	0.1	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1975	'88920738_/_88920710'	0	0.07	0	0	0.95	0	0	Yes	0 Primary Over-Voltage
WAB031	1976	'1147086_/_1147096'	0	0.1	0	0	1	0	0	Yes	0 Primary Over-Voltage
WAB031	1977	'1133489_/_1133486'	0	0.1	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1978	'1142415_/_1142412'	0	0.3	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1979	'471712197_/_9411466'	0	0.1	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1980	'42958292_/_1134145'	0	0.1	0	0	0.3	0	0	Yes	0 Primary Over-Voltage
WAB031	1981	'1134667_/_1134704'	0	0.1	0	0	1	0	0	Yes	0 Primary Over-Voltage
WAB031	1982	'391244296_/_1134960_1'	0	0.1	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	1983	'1133424_/_1133421'	0	0.1	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1984	'1148582_/_88920741'	0	0.07	0	0	0.95	0	0	Yes	0 Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
WAB031	1985	'1149488_/_1149485'	0	0.1	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	1986	'1133502_/_1133499'	0	0.1	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1987	'1134655_/_1134665'	0	0.1	0	0	1	0	0	Yes	0 Primary Over-Voltage
WAB031	1988	'1147073_/_1147083'	0	0.1	0	0	1	0	0	Yes	0 Primary Over-Voltage
WAB031	1989	'1134119_/_1134132'	0	0.1	0	0	0.3	0	0	Yes	0 Primary Over-Voltage
WAB031	1990	'42966065_/_1147200'	0	0.1	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1991	'1129913_/_1169123'	0	0.07	0	0	0.95	0	0	Yes	0 Primary Over-Voltage
WAB031	1992	'9411469_/_471712219_1'	0	0.1	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1993	'1142428_/_1142425'	0	0.3	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1994	'1148569_/_1148579'	0	0.07	0	0	0.95	0	0	Yes	0 Primary Over-Voltage
WAB031	1995	'42958480_/_1134652'	0	0.1	0	0	1	0	0	Yes	0 Primary Over-Voltage
WAB031	1996	'42958491_/_1134960_2'	0	0.1	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	1997	'1147060_/_1147070'	0	0.1	0	0	1	0	0	Yes	0 Primary Over-Voltage
WAB031	1998	'1133515_/_1133512'	0	0.1	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	1999	'42958303_/_1134116'	0	0.1	0	0	0.3	0	0	Yes	0 Primary Over-Voltage
WAB031	2000	'1142535_/_1142532'	0	0.3	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2001	'87959529_/_87959601'	0	0.1	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2002	'1134629_/_1134639'	0	0.1	0	0	1	0	0	Yes	0 Primary Over-Voltage
WAB031	2003	'1133437_/_1133434'	0	0.1	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2004	'1134923_/_1134921'	0	0.1	0	0	0.3	0	0	Yes	0 Primary Over-Voltage
WAB031	2005	'1148556_/_1148566'	0	0.07	0	0	0.95	0	0	Yes	0 Primary Over-Voltage
WAB031	2006	'1149501_/_1149498'	0	0.1	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	2007	'1147047_/_1147057'	0	0.1	0	0	1	0	0	Yes	0 Primary Over-Voltage
WAB031	2008	'1133657_/_1168482'	0	0.1	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2009	'42960230_/_1142548'	0	0.3	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2010	'42958502_/_42958493'	0	0.1	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	2011	'1142551_/_42960232'	0	0.3	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2012	'1129914_/_1129911'	0	0.07	0	0	0.95	0	0	Yes	0 Primary Over-Voltage
WAB031	2013	'1142441_/_1142438'	0	0.3	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2014	'1147216_/_42966067'	0	0.1	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2015	'1134878_/_42958504'	0	0.1	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	2016	'42963493_/_42963495'	0	0.1	0	0	0.3	0	0	Yes	0 Primary Over-Voltage
WAB031	2017	'1134616_/_1134626'	0	0.1	0	0	1	0	0	Yes	0 Primary Over-Voltage
WAB031	2018	'1147034_/_1147044'	0	0.1	0	0	1	0	0	Yes	0 Primary Over-Voltage
WAB031	2019	'1133658_/_1133655'	0	0.1	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2020	'1148543_/_1148553'	0	0.07	0	0	0.95	0	0	Yes	0 Primary Over-Voltage
WAB031	2021	'42958314_/_42958316'	0	0.1	0	0	0.3	0	0	Yes	0 Primary Over-Voltage
WAB031	2022	'1129927_/_1129924'	0	0.07	0	0	0.95	0	0	Yes	0 Primary Over-Voltage
WAB031	2023	'1134879_/_1134876'	0	0.1	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	2024	'42958579_/_1134613'	0	0.1	0	0	1	0	0	Yes	0 Primary Over-Voltage
WAB031	2025	'42958171_/_1168332'	0	0.1	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2026	'1172658_/_1172656'	0	0.1	0	0	0.3	0	0	Yes	0 Primary Over-Voltage
WAB031	2027	'1142454_/_1142451'	0	0.3	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2028	'1149514_/_1149511'	0	0.1	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	2029	'87959491_/_87959477'	0	0.1	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2030	'1133671_/_1133668'	0	0.1	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2031	'1147229_/_1147226'	0	0.1	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2032	'1147021_/_1147031'	0	0.1	0	0	1	0	0	Yes	0 Primary Over-Voltage
WAB031	2033	'1134603_/_1135038'	0	0.1	0	0	1	0	0	Yes	0 Primary Over-Voltage
WAB031	2034	'1169549_/_1179465'	0	0.1	0	0	0.3	0	0	Yes	0 Primary Over-Voltage
WAB031	2035	'1148530_/_1148540'	0	0.07	0	0	0.95	0	0	Yes	0 Primary Over-Voltage
WAB031	2036	'1129940_/_1129937'	0	0.07	0	0	0.95	0	0	Yes	0 Primary Over-Voltage
WAB031	2037	'1142480_/_1142477'	0	0.3	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2038	'1133684_/_1133681'	0	0.1	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2039	'1134798_/_42958614'	0	0.1	0	0	1	0	0	Yes	0 Primary Over-Voltage
WAB031	2040	'1133449_/_42958173'	0	0.1	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2041	'8463574_/_87959511'	0	0.1	0	0	0	0	0	Yes	0 Primary Over-Voltage
WAB031	2042	'1169548_/_1169546'	0	0.1	0	0	0.3	0	0	Yes	0 Primary Over-Voltage
WAB031	2043	'1147008_/_1147018'	0	0.1	0	0	1	0	0	Yes	0 Primary Over-Voltage
WAB031	2044	'1134590_/_1134600'	0	0.1	0	0	1	0	0	Yes	0 Primary Over-Voltage
WAB031	2045	'1149527_/_1149524'	0	0.1	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	2046	'1134733_/_1134782'	0	0.1	0	0	1	0	0	Yes	0 Primary Over-Voltage
WAB031	2047	'1147242_/_1147239'	0	0.1	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2048	'1169562_/_1169559'	0	0.1	0	0	0.3	0	0	Yes	0 Primary Over-Voltage
WAB031	2049	'1142493_/_1142490'	0	0.3	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2050	'1134577_/_1134587'	0	0.1	0	0	1	0	0	Yes	0 Primary Over-Voltage
WAB031	2051	'1169577_/_1169575'	0	0.1	0	0	0.3	0	0	Yes	0 Primary Over-Voltage
WAB031	2052	'1134759_/_1134756'	0	0.1	0	0	1	0	0	Yes	0 Primary Over-Voltage
WAB031	2053	'1129953_/_1129950'	0	0.07	0	0	0.95	0	0	Yes	0 Primary Over-Voltage
WAB031	2054	'42958469_/_1135025'	0	0.1	0	0	1	0	0	Yes	0 Primary Over-Voltage
WAB031	2055	'1147007_/_1147005'	0	0.1	0	0	1	0	0	Yes	0 Primary Over-Voltage
WAB031	2056	'1129966_/_1130002_1'	0	0.07	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2057	'1148517_/_1148527'	0	0.07	0	0	0.95	0	0	Yes	0 Primary Over-Voltage
WAB031	2058	'1134745_/_1134730'	0	0.1	0	0	1	0	0	Yes	0 Primary Over-Voltage
WAB031	2059	'1169265_/_1169289'	0	0.1	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2060	'391244324_/_1179566_2'	0	0.1	0	0	1	0	0	Yes	0 Primary Over-Voltage
WAB031	2061	'1133450_/_1133447'	0	0.1	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2062	'1142505_/_1142516'	0	0.27	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2063	'1168652_/_1168649'	0	0.1	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	2064	'42958380_/_1169588'	0	0.1	0	0	0.3	0	0	Yes	0 Primary Over-Voltage
WAB031	2065	'1149553_/_1149550'	0	0.07	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	2066	'1149540_/_1149537'	0	0.07	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	2067	'1134408_/_1134418'	0	0.1	0	0	1	0	0	Yes	0 Primary Over-Voltage
WAB031	2068	'1179556_/_1179566_1'	0	0.1	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	2069	'1147255_/_1147252'	0	0.1	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2070	'1133527_/_1169263'	0	0.1	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2071	'1129978_/_1130002_2'	0	0.07	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2072	'1147736_/_1168610'	0	0.1	0	0	1	0	0	Yes	0 Primary Over-Voltage
WAB031	2073	'1130018_/_1130015'	0	0.07	0	0	0.95	0	0	Yes	0 Primary Over-Voltage
WAB031	2074	'42960208_/_1142503'	0	0.27	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2075	'1142506_/_42960210'	0	0.27	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2076	'1133592_/_1169276'	0	0.1	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2077	'42966812_/_1134574'	0	0.1	0	0	1	0	0	Yes	0 Primary Over-Voltage
WAB031	2078	'7201100_/_8463572'	0	0.1	0	0	0.1	0	0	Yes	0 Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage	Regulator	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
				Voltage Deviation	Deviation					VSR (MW)	Limiting Threshold
WAB031	2079	'1134720_/_1134986'	0	0.1	0	0	1	0	0	Yes	0 Primary Over-Voltage
WAB031	2080	'1134174_/_42958382'	0	0.1	0	0	0.3	0	0	Yes	0 Primary Over-Voltage
WAB031	2081	'1148504_/_1148514'	0	0.07	0	0	0.95	0	0	Yes	0 Primary Over-Voltage
WAB031	2082	'1134317_/_1179553'	0	0.1	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	2083	'1129979_/_1129976'	0	0.07	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2084	'1133528_/_1133525'	0	0.1	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2085	'1133593_/_1133590'	0	0.1	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2086	'1147268_/_1147265'	0	0.1	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2087	'1133553_/_1168319'	0	0.1	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2088	'1147723_/_1147733'	0	0.1	0	0	1	0	0	Yes	0 Primary Over-Voltage
WAB031	2089	'415077689_/_415077686'	0	0.07	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	2090	'42958369_/_1134184'	0	0.1	0	0	0.3	0	0	Yes	0 Primary Over-Voltage
WAB031	2091	'1149566_/_1149563'	0	0.07	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	2092	'42958424_/_42958426'	0	0.1	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	2093	'1130252_/_1130262'	0	0.07	0	0	0.95	0	0	Yes	0 Primary Over-Voltage
WAB031	2094	'1134719_/_1134717'	0	0.1	0	0	1	0	0	Yes	0 Primary Over-Voltage
WAB031	2095	'1133606_/_1133603'	0	0.1	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2096	'1134814_/_1134811'	0	0.1	0	0	1	0	0	Yes	0 Primary Over-Voltage
WAB031	2097	'1147281_/_1147278'	0	0.1	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2098	'7520124_/_9411350_1'	0	0.1	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	2099	'1133541_/_1133538'	0	0.1	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2100	'7201101_/_7201098'	0	0.1	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2101	'415077707_/_415077704'	0	0.07	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	2102	'1130307_/_1130304'	0	0.07	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2103	'1148491_/_1148501'	0	0.07	0	0	0.95	0	0	Yes	0 Primary Over-Voltage
WAB031	2104	'1129992_/_1129989'	0	0.07	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2105	'42958358_/_42958371'	0	0.1	0	0	0.3	0	0	Yes	0 Primary Over-Voltage
WAB031	2106	'1147294_/_1147291'	0	0.1	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2107	'1134303_/_1134301'	0	0.1	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	2108	'1133619_/_1133616'	0	0.1	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2109	'1147710_/_1147720'	0	0.1	0	0	1	0	0	Yes	0 Primary Over-Voltage
WAB031	2110	'1177271_/_1177281'	0	0.1	0	0	1	0	0	Yes	0 Primary Over-Voltage
WAB031	2111	'1133554_/_1133551'	0	0.1	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2112	'1130239_/_1130249'	0	0.07	0	0	0.95	0	0	Yes	0 Primary Over-Voltage
WAB031	2113	'7830721_/_9411350_2'	0	0.1	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	2114	'415077725_/_415077722'	0	0.07	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	2115	'1182850_/_1182860'	0	0.1	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	2116	'1133632_/_1133629'	0	0.1	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2117	'7520623_/_7520621_1'	0	0.1	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2118	'1134200_/_42958360'	0	0.1	0	0	0.3	0	0	Yes	0 Primary Over-Voltage
WAB031	2119	'9411809_/_9411806'	0	0.1	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2120	'42958347_/_1134210'	0	0.1	0	0	0.3	0	0	Yes	0 Primary Over-Voltage
WAB031	2121	'1149579_/_1149576'	0	0.07	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	2122	'1147307_/_1147304'	0	0.1	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2123	'1179595_/_1182847'	0	0.1	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	2124	'1177270_/_1177268'	0	0.1	0	0	1	0	0	Yes	0 Primary Over-Voltage
WAB031	2125	'1147697_/_1147707'	0	0.1	0	0	1	0	0	Yes	0 Primary Over-Voltage
WAB031	2126	'1147424_/_1147421'	0	0.1	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2127	'1133645_/_1133642'	0	0.1	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2128	'1148478_/_1148488'	0	0.07	0	0	0.95	0	0	Yes	0 Primary Over-Voltage
WAB031	2129	'1130226_/_1130236'	0	0.07	0	0	0.95	0	0	Yes	0 Primary Over-Voltage
WAB031	2130	'415077743_/_415077740'	0	0.07	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	2131	'1129709_/_1168795'	0	0.07	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2132	'42958336_/_42958349'	0	0.1	0	0	0.3	0	0	Yes	0 Primary Over-Voltage
WAB031	2133	'1134264_/_1134262'	0	0.1	0	0	0.3	0	0	Yes	0 Primary Over-Voltage
WAB031	2134	'42966376_/_42966378'	0	0.1	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	2135	'1133567_/_1133564'	0	0.1	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2136	'1147320_/_1147317'	0	0.1	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2137	'1147684_/_1147694'	0	0.1	0	0	1	0	0	Yes	0 Primary Over-Voltage
WAB031	2138	'1130213_/_1130223'	0	0.07	0	0	0.95	0	0	Yes	0 Primary Over-Voltage
WAB031	2139	'75243849_/_75243852'	0	0.07	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2140	'7830720_/_7830718'	0	0.1	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	2141	'1129710_/_1129707'	0	0.07	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2142	'1148465_/_1148475'	0	0.07	0	0	0.95	0	0	Yes	0 Primary Over-Voltage
WAB031	2143	'1134291_/_1179579'	0	0.1	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	2144	'1149592_/_1149589'	0	0.07	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	2145	'1134226_/_42958338'	0	0.1	0	0	0.3	0	0	Yes	0 Primary Over-Voltage
WAB031	2146	'415077761_/_415077758'	0	0.07	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	2147	'1147671_/_1147681'	0	0.07	0	0	1	0	0	Yes	0 Primary Over-Voltage
WAB031	2148	'7520624_/_7520621_2'	0	0.1	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2149	'1147749_/_1147759_1'	0	0.07	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2150	'1178405_/_1178402'	0	0.1	0	0	0.3	0	0	Yes	0 Primary Over-Voltage
WAB031	2151	'1134290_/_1134288'	0	0.1	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	2152	'7520508_/_9411790_1'	0	0.1	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2153	'1133580_/_1133577'	0	0.07	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2154	'1147762_/_1147759_2'	0	0.07	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2155	'42958391_/_1134236'	0	0.1	0	0	0.3	0	0	Yes	0 Primary Over-Voltage
WAB031	2156	'1130200_/_1130210'	0	0.07	0	0	0.95	0	0	Yes	0 Primary Over-Voltage
WAB031	2157	'1129723_/_1129720'	0	0.07	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2158	'75243763_/_1147434'	0	0.07	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2159	'1147333_/_1147330'	0	0.07	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2160	'415077779_/_415077776'	0	0.07	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	2161	'1147658_/_1147668'	0	0.07	0	0	1	0	0	Yes	0 Primary Over-Voltage
WAB031	2162	'42957839_/_1129898'	0	0.07	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2163	'9099991_/_9099989'	0	0.1	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	2164	'1148452_/_1148462'	0	0.07	0	0	0.95	0	0	Yes	0 Primary Over-Voltage
WAB031	2165	'1149605_/_42961271'	0	0.07	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	2166	'1180044_/_1180054'	0	0.1	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	2167	'1134252_/_1134249'	0	0.1	0	0	0.3	0	0	Yes	0 Primary Over-Voltage
WAB031	2168	'44616125_/_1178415'	0	0.1	0	0	0.3	0	0	Yes	0 Primary Over-Voltage
WAB031	2169	'1147450_/_1147447'	0	0.07	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2170	'1147645_/_1147655'	0	0.07	0	0	1	0	0	Yes	0 Primary Over-Voltage
WAB031	2171	'1147775_/_1147772'	0	0.07	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2172	'415077797_/_415077794'	0	0.07	0	0	0.2	0	0	Yes	0 Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
WAB031	2173	'1134278_/_1180041'	0	0.1	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	2174	'1147346_/_1147343'	0	0.07	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2175	'1129736_/_1129733'	0	0.07	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2176	'42958402_/_42958404'	0	0.1	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	2177	'1134330_/_1134327'	0	0.07	0	0	0.3	0	0	Yes	0 Primary Over-Voltage
WAB031	2178	'1148439_/_1148449'	0	0.07	0	0	0.95	0	0	Yes	0 Primary Over-Voltage
WAB031	2179	'1130187_/_1130197'	0	0.07	0	0	0.95	0	0	Yes	0 Primary Over-Voltage
WAB031	2180	'1147632_/_1147642'	0	0.07	0	0	1	0	0	Yes	0 Primary Over-Voltage
WAB031	2181	'415077815_/_415077812'	0	0.07	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	2182	'9411793_/_9411790_2'	0	0.07	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2183	'42958435_/_1134340'	0	0.07	0	0	0.3	0	0	Yes	0 Primary Over-Voltage
WAB031	2184	'1148426_/_1148436'	0	0.07	0	0	0.95	0	0	Yes	0 Primary Over-Voltage
WAB031	2185	'1147788_/_1147785'	0	0.07	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2186	'1147619_/_1147629_2'	0	0.07	0	0	1	0	0	Yes	0 Primary Over-Voltage
WAB031	2187	'1147463_/_1147460'	0	0.07	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2188	'42960971_/_1147629_1'	0	0.07	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2189	'1147359_/_1147356'	0	0.07	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2190	'8151694_/_9411530_1'	0	0.07	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2191	'415077833_/_415077830'	0	0.07	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	2192	'1129749_/_1129746'	0	0.07	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2193	'124925377_/_122705886'	0	0.07	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	2194	'42958447_/_42958437'	0	0.07	0	0	0.3	0	0	Yes	0 Primary Over-Voltage
WAB031	2195	'1147606_/_1147616'	0	0.07	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2196	'1130174_/_1130184'	0	0.07	0	0	0.95	0	0	Yes	0 Primary Over-Voltage
WAB031	2197	'1147476_/_1147473'	0	0.07	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2198	'415077849_/_415077846'	0	0.07	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	2199	'42961114_/_1148605'	0	0.07	0	0	0.9	0	0	Yes	0 Primary Over-Voltage
WAB031	2200	'1148413_/_1148423'	0	0.07	0	0	0.95	0	0	Yes	0 Primary Over-Voltage
WAB031	2201	'1147801_/_1147798'	0	0.07	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2202	'1147814_/_1147811'	0	0.07	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2203	'1148608_/_42961116'	0	0.07	0	0	0.9	0	0	Yes	0 Primary Over-Voltage
WAB031	2204	'42958458_/_1134366'	0	0.07	0	0	0.3	0	0	Yes	0 Primary Over-Voltage
WAB031	2205	'122705903_/_122705912'	0	0.07	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	2206	'321783550_/_321783569'	0	0.07	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	2207	'1147593_/_1147603'	0	0.07	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2208	'1147372_/_1147369'	0	0.07	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2209	'1130161_/_1130171'	0	0.07	0	0	0.95	0	0	Yes	0 Primary Over-Voltage
WAB031	2210	'415077871_/_415077868'	0	0.07	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	2211	'1129762_/_1129759'	0	0.07	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2212	'42960960_/_1147590'	0	0.07	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2213	'42960938_/_1147486'	0	0.07	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2214	'1147827_/_1147824'	0	0.07	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2215	'1148400_/_1148410'	0	0.07	0	0	0.95	0	0	Yes	0 Primary Over-Voltage
WAB031	2216	'1129775_/_1129772'	0	0.07	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2217	'1142811_/_1168597'	0	0.07	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2218	'1147567_/_1147577'	0	0.07	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2219	'415077887_/_415077884'	0	0.07	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	2220	'42957850_/_1129785'	0	0.07	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2221	'1147385_/_1147382'	0	0.07	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2222	'518327082_/_518327054_1'	0	0.07	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2223	'1129801_/_1129814'	0	0.07	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2224	'1147502_/_1147499'	0	0.07	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2225	'1130148_/_1130158'	0	0.07	0	0	0.95	0	0	Yes	0 Primary Over-Voltage
WAB031	2226	'1147840_/_1147837'	0	0.07	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2227	'1147554_/_1147564'	0	0.07	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2228	'1129800_/_1129798'	0	0.07	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2229	'415077907_/_415077904'	0	0.07	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	2230	'1148387_/_1148397'	0	0.07	0	0	0.95	0	0	Yes	0 Primary Over-Voltage
WAB031	2231	'1142810_/_1142808'	0	0.07	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2232	'9411533_/_9411530_2'	0	0.07	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2233	'60609836_/_60609833'	0	0.07	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2234	'1148371_/_1148384'	0	0.07	0	0	0.9	0	0	Yes	0 Primary Over-Voltage
WAB031	2235	'1147515_/_1147512'	0	0.07	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2236	'7200893_/_9411546_1'	0	0.07	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2237	'42960949_/_1147395'	0	0.07	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2238	'60609926_/_60609899_1'	0	0.07	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2239	'1147541_/_1147551'	0	0.07	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2240	'1130135_/_1130145'	0	0.07	0	0	0.95	0	0	Yes	0 Primary Over-Voltage
WAB031	2241	'1147398_/_42960951'	0	0.07	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2242	'1142824_/_1142821'	0	0.07	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2243	'1147411_/_1147408'	0	0.07	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2244	'518327038_/_518327054_2'	0	0.07	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2245	'415077925_/_415077922'	0	0.07	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	2246	'42960252_/_1142834'	0	0.07	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2247	'415078110_/_415078086_1'	0	0.07	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2248	'42960993_/_1147850'	0	0.07	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2249	'1142798_/_1142960'	0	0.07	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2250	'1142850_/_1142847'	0	0.07	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2251	'1147540_/_1147538'	0	0.07	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2252	'1148358_/_1148368'	0	0.07	0	0	0.9	0	0	Yes	0 Primary Over-Voltage
WAB031	2253	'1147869_/_1147866'	0	0.07	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2254	'1142866_/_1142863'	0	0.07	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2255	'415078089_/_415078086_2'	0	0.07	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2256	'9411549_/_9411546_2'	0	0.07	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2257	'1147978_/_1168623'	0	0.07	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2258	'1147882_/_1147879'	0	0.07	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2259	'60609892_/_60609899_2'	0	0.07	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2260	'415077943_/_415077940'	0	0.07	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	2261	'42960263_/_1142876'	0	0.07	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2262	'1142879_/_7200986_2'	0	0.07	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2263	'1147895_/_1147892'	0	0.07	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2264	'1130322_/_1169328'	0	0.07	0	0	0.95	0	0	Yes	0 Primary Over-Voltage
WAB031	2265	'1130122_/_1130132'	0	0.07	0	0	0.95	0	0	Yes	0 Primary Over-Voltage
WAB031	2266	'1147908_/_1147905'	0	0.07	0	0	0.1	0	0	Yes	0 Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
WAB031	2267	'1148244_/_1168714'	0	0.07	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2268	'1142785_/_1142795'	0	0.07	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2269	'1177519_/_1177516'	0	0.07	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2270	'1148083_/_1148093'	0	0.07	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2271	'1148245_/_1148242'	0	0.07	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2272	'1147979_/_42961006'	0	0.07	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2273	'1148109_/_42960995'	0	0.07	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2274	'1177532_/_1177529'	0	0.07	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2275	'1142950_/_1142947'	0	0.07	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2276	'415077961_/_415077958'	0	0.07	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	2277	'1148342_/_1148355'	0	0.07	0	0	0.9	0	0	Yes	0 Primary Over-Voltage
WAB031	2278	'417298180_/_414752518_2'	0	0.07	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	2279	'1177545_/_1177542'	0	0.07	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2280	'1177558_/_1177555'	0	0.07	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2281	'1130109_/_1130119'	0	0.07	0	0	0.95	0	0	Yes	0 Primary Over-Voltage
WAB031	2282	'1147992_/_1147989'	0	0.07	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2283	'1177571_/_1177568'	0	0.07	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2284	'1142772_/_1142782'	0	0.07	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2285	'1147920_/_1177581'	0	0.07	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2286	'1148070_/_1148080'	0	0.07	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2287	'1147921_/_1147918'	0	0.07	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2288	'1130323_/_1130320'	0	0.07	0	0	0.95	0	0	Yes	0 Primary Over-Voltage
WAB031	2289	'415077979_/_415077976'	0	0.07	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	2290	'7200989_/_7200986_1'	0	0.07	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2291	'1148341_/_42961105'	0	0.07	0	0	0.9	0	0	Yes	0 Primary Over-Voltage
WAB031	2292	'1148005_/_1148002'	0	0.07	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2293	'1130096_/_1130106'	0	0.07	0	0	0.95	0	0	Yes	0 Primary Over-Voltage
WAB031	2294	'1148057_/_1148067'	0	0.07	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2295	'1142934_/_1142931'	0	0.07	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2296	'415077997_/_415077994'	0	0.07	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	2297	'7176532_/_1130333_1'	0	0.07	0	0	0.95	0	0	Yes	0 Primary Over-Voltage
WAB031	2298	'1130336_/_1130333_2'	0	0.07	0	0	0.95	0	0	Yes	0 Primary Over-Voltage
WAB031	2299	'1142759_/_1142769'	0	0.07	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2300	'1147937_/_1147934'	0	0.07	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2301	'42961026_/_1148054'	0	0.07	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2302	'415078015_/_415078012'	0	0.07	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	2303	'1148018_/_1148015'	0	0.07	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2304	'431275171_/_425970089_1'	0	0.07	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2305	'39702962_/_7176530'	0	0.07	0	0	0.95	0	0	Yes	0 Primary Over-Voltage
WAB031	2306	'1130453_/_1130463'	0	0.07	0	0	0.95	0	0	Yes	0 Primary Over-Voltage
WAB031	2307	'1142921_/_1142918'	0	0.07	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2308	'415078031_/_415078028'	0	0.07	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	2309	'1148043_/_1148041'	0	0.07	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2310	'1130083_/_1130093'	0	0.07	0	0	0.95	0	0	Yes	0 Primary Over-Voltage
WAB031	2311	'1142746_/_1142756'	0	0.07	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2312	'1130291_/_1130288'	0	0.07	0	0	0.9	0	0	Yes	0 Primary Over-Voltage
WAB031	2313	'425970092_/_425970089_2'	0	0.07	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2314	'1148122_/_1148132'	0	0.07	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2315	'415078822_/_415078054'	0	0.07	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	2316	'1130440_/_1130450'	0	0.07	0	0	0.95	0	0	Yes	0 Primary Over-Voltage
WAB031	2317	'1147953_/_1147950'	0	0.07	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2318	'42961015_/_1148028'	0	0.07	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2319	'1130070_/_1130080'	0	0.07	0	0	0.95	0	0	Yes	0 Primary Over-Voltage
WAB031	2320	'42958215_/_415078826'	0	0.07	0	0	0.2	0	0	Yes	0 Primary Over-Voltage
WAB031	2321	'1142733_/_1142743'	0	0.07	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2322	'1148121_/_1148119'	0	0.07	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2323	'42960982_/_1147963'	0	0.07	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2324	'1147966_/_42960984'	0	0.07	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2325	'1130427_/_1130437'	0	0.07	0	0	0.95	0	0	Yes	0 Primary Over-Voltage
WAB031	2326	'414752499_/_414752518_1'	0	0.07	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2327	'414647690_/_414821914_1'	0	0.07	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2328	'1148174_/_42961017'	0	0.07	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2329	'402844833_/_414821914_2'	0	0.07	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2330	'1148147_/_1148145'	0	0.07	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2331	'1133872_/_1133882_2'	0	0.07	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2332	'42958204_/_1133882_1'	0	0.07	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2333	'1142720_/_1142730'	0	0.07	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2334	'1133885_/_402844837_2'	0	0.07	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2335	'1130057_/_1130067'	0	0.07	0	0	0.95	0	0	Yes	0 Primary Over-Voltage
WAB031	2336	'1130414_/_1130424'	0	0.07	0	0	0.95	0	0	Yes	0 Primary Over-Voltage
WAB031	2337	'1133898_/_1133895'	0	0.07	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2338	'1133911_/_1133908'	0	0.07	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2339	'1148160_/_1148158'	0	0.07	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2340	'1133924_/_1133921'	0	0.07	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2341	'1133937_/_1133934'	0	0.07	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2342	'42960274_/_42960276'	0	0.07	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2343	'1130401_/_1130411'	0	0.07	0	0	0.95	0	0	Yes	0 Primary Over-Voltage
WAB031	2344	'1130479_/_1130476'	0	0.07	0	0	0.95	0	0	Yes	0 Primary Over-Voltage
WAB031	2345	'1130044_/_1130054'	0	0.07	0	0	0.95	0	0	Yes	0 Primary Over-Voltage
WAB031	2346	'1168730_/_1168727'	0	0.07	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2347	'42961059_/_42961061'	0	0.07	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2348	'1130388_/_1130398'	0	0.07	0	0	0.95	0	0	Yes	0 Primary Over-Voltage
WAB031	2349	'1142694_/_1142704'	0	0.07	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2350	'1130031_/_1130041'	0	0.07	0	0	0.95	0	0	Yes	0 Primary Over-Voltage
WAB031	2351	'1148232_/_1183380'	0	0.07	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2352	'1130375_/_1130385'	0	0.07	0	0	0.95	0	0	Yes	0 Primary Over-Voltage
WAB031	2353	'1142681_/_1142691'	0	0.07	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2354	'1130030_/_1130028'	0	0.07	0	0	0.95	0	0	Yes	0 Primary Over-Voltage
WAB031	2355	'42961048_/_1148229'	0	0.07	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2356	'1142668_/_1142678'	0	0.07	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2357	'1130277_/_1130275'	0	0.07	0	0	0.95	0	0	Yes	0 Primary Over-Voltage
WAB031	2358	'1130362_/_1130372'	0	0.07	0	0	0.95	0	0	Yes	0 Primary Over-Voltage
WAB031	2359	'347300952_/_347186902_2'	0	0.07	0	0	0.95	0	0	Yes	0 Primary Over-Voltage
WAB031	2360	'1148206_/_1148216'	0	0.07	0	0	0.1	0	0	Yes	0 Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
WAB031	2361	'1142655_/_1142665'	0	0.07	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2362	'1130560_/_1130570'	0	0.07	0	0	0.95	0	0	Yes	0 Primary Over-Voltage
WAB031	2363	'1130547_/_1130557'	0	0.07	0	0	0.95	0	0	Yes	0 Primary Over-Voltage
WAB031	2364	'42961037_/_1148203'	0	0.07	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2365	'1142905_/_1142902'	0	0.07	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2366	'1130349_/_1130359'	0	0.07	0	0	0.95	0	0	Yes	0 Primary Over-Voltage
WAB031	2367	'1142642_/_1142652'	0	0.07	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2368	'1130534_/_1130544'	0	0.07	0	0	0.95	0	0	Yes	0 Primary Over-Voltage
WAB031	2369	'1130348_/_1130346'	0	0.07	0	0	0.9	0	0	Yes	0 Primary Over-Voltage
WAB031	2370	'1148189_/_1148187'	0	0.07	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2371	'1130521_/_1130531'	0	0.07	0	0	0.95	0	0	Yes	0 Primary Over-Voltage
WAB031	2372	'1142629_/_1142639'	0	0.07	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2373	'1139930_/_1169393'	0	0.07	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2374	'42961786_/_42961788'	0	0.07	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2375	'1130823_/_1168821'	0	0.07	0	0	0.95	0	0	Yes	0 Primary Over-Voltage
WAB031	2376	'1130508_/_1130518'	0	0.07	0	0	0.9	0	0	Yes	0 Primary Over-Voltage
WAB031	2377	'1130599_/_1130596_1'	0	0.03	0	0	0.4	0	0	Yes	0 Primary Over-Voltage
WAB031	2378	'42957872_/_1130596_2'	0	0.03	0	0	0.4	0	0	Yes	0 Primary Over-Voltage
WAB031	2379	'1130495_/_1130505'	0	0.07	0	0	0.9	0	0	Yes	0 Primary Over-Voltage
WAB031	2380	'1130810_/_1130820'	0	0.07	0	0	0.95	0	0	Yes	0 Primary Over-Voltage
WAB031	2381	'1142616_/_1142626'	0	0.07	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2382	'1130612_/_42957874'	0	0.03	0	0	0.4	0	0	Yes	0 Primary Over-Voltage
WAB031	2383	'1139904_/_1139927'	0	0.07	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2384	'1130494_/_1130492'	0	0.07	0	0	0.9	0	0	Yes	0 Primary Over-Voltage
WAB031	2385	'42957861_/_1130583'	0	0.07	0	0	0.9	0	0	Yes	0 Primary Over-Voltage
WAB031	2386	'1130586_/_42957863'	0	0.07	0	0	0.9	0	0	Yes	0 Primary Over-Voltage
WAB031	2387	'1130797_/_1130807'	0	0.07	0	0	0.95	0	0	Yes	0 Primary Over-Voltage
WAB031	2388	'1142603_/_1142613'	0	0.07	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2389	'471247145_/_1130833_1'	0	0.07	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2390	'1131410_/_1168834'	0	0.03	0	0	0.4	0	0	Yes	0 Primary Over-Voltage
WAB031	2391	'1139891_/_1139901'	0	0.07	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2392	'1142892_/_1142889'	0	0.07	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2393	'1130784_/_1130794'	0	0.07	0	0	0.95	0	0	Yes	0 Primary Over-Voltage
WAB031	2394	'1130836_/_1130833_2'	0	0.07	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2395	'1130849_/_1130846'	0	0.07	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2396	'1142590_/_1142600'	0	0.07	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2397	'1131411_/_1131408'	0	0.03	0	0	0.4	0	0	Yes	0 Primary Over-Voltage
WAB031	2398	'1130771_/_1130781'	0	0.07	0	0	0.95	0	0	Yes	0 Primary Over-Voltage
WAB031	2399	'1139878_/_1139888'	0	0.07	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2400	'1139865_/_1139875'	0	0.07	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2401	'1142577_/_1142587'	0	0.07	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2402	'1131424_/_1131421'	0	0.03	0	0	0.4	0	0	Yes	0 Primary Over-Voltage
WAB031	2403	'1130758_/_1130768'	0	0.07	0	0	0.95	0	0	Yes	0 Primary Over-Voltage
WAB031	2404	'1142576_/_1142574'	0	0.07	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2405	'1139852_/_1139862'	0	0.07	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2406	'1130757_/_1130755'	0	0.07	0	0	0.95	0	0	Yes	0 Primary Over-Voltage
WAB031	2407	'1131437_/_1131434'	0	0.03	0	0	0.4	0	0	Yes	0 Primary Over-Voltage
WAB031	2408	'1139508_/_1139742'	0	0.07	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2409	'42957883_/_42957885'	0	0.07	0	0	0.95	0	0	Yes	0 Primary Over-Voltage
WAB031	2410	'1139839_/_1139849'	0	0.07	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2411	'347186883_/_347186902_1'	0	0.07	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2412	'1131450_/_1131447'	0	0.03	0	0	0.4	0	0	Yes	0 Primary Over-Voltage
WAB031	2413	'1139507_/_1139505'	0	0.07	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2414	'1131463_/_1131460'	0	0.03	0	0	0.4	0	0	Yes	0 Primary Over-Voltage
WAB031	2415	'1139826_/_1139836'	0	0.07	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2416	'1130650_/_1130664'	0	0.07	0	0	0.95	0	0	Yes	0 Primary Over-Voltage
WAB031	2417	'1131476_/_1131473'	0	0.03	0	0	0.4	0	0	Yes	0 Primary Over-Voltage
WAB031	2418	'1154262_/_1154272'	0	0.07	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2419	'1139813_/_1139823'	0	0.07	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2420	'1130651_/_1130648'	0	0.03	0	0	0.95	0	0	Yes	0 Primary Over-Voltage
WAB031	2421	'1130732_/_1130742'	0	0.03	0	0	0.95	0	0	Yes	0 Primary Over-Voltage
WAB031	2422	'1131489_/_1131486'	0	0.03	0	0	0.4	0	0	Yes	0 Primary Over-Voltage
WAB031	2423	'42961764_/_42961766'	0	0.07	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2424	'42961797_/_42961799'	0	0.07	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2425	'1130719_/_1130729'	0	0.03	0	0	0.95	0	0	Yes	0 Primary Over-Voltage
WAB031	2426	'1131502_/_1131499'	0	0.03	0	0	0.4	0	0	Yes	0 Primary Over-Voltage
WAB031	2427	'1154236_/_1154246'	0	0.07	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2428	'1139787_/_1139797'	0	0.07	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2429	'1130706_/_1130716'	0	0.03	0	0	0.95	0	0	Yes	0 Primary Over-Voltage
WAB031	2430	'1131515_/_1131512'	0	0.03	0	0	0.4	0	0	Yes	0 Primary Over-Voltage
WAB031	2431	'1139771_/_1139784'	0	0.07	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2432	'1154223_/_1154233'	0	0.07	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2433	'1131528_/_1131525'	0	0.03	0	0	0.4	0	0	Yes	0 Primary Over-Voltage
WAB031	2434	'1130693_/_1130703'	0	0.03	0	0	0.95	0	0	Yes	0 Primary Over-Voltage
WAB031	2435	'1139758_/_1139768'	0	0.07	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2436	'1139559_/_1154220'	0	0.07	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2437	'1131541_/_1131538'	0	0.03	0	0	0.4	0	0	Yes	0 Primary Over-Voltage
WAB031	2438	'1139757_/_1139755'	0	0.07	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2439	'1130680_/_1130690'	0	0.03	0	0	0.95	0	0	Yes	0 Primary Over-Voltage
WAB031	2440	'1139560_/_1139557'	0	0.07	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2441	'1154197_/_1154207'	0	0.07	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2442	'42961808_/_1139914'	0	0.07	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2443	'1139917_/_7830834_2'	0	0.07	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2444	'1132679_/_1169315'	0	0.07	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2445	'1131554_/_1131551'	0	0.03	0	0	0.4	0	0	Yes	0 Primary Over-Voltage
WAB031	2446	'1139520_/_1154194'	0	0.07	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2447	'1130679_/_1130677'	0	0.03	0	0	0.95	0	0	Yes	0 Primary Over-Voltage
WAB031	2448	'1139521_/_1139531_1'	0	0.07	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2449	'1132680_/_1132677'	0	0.07	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2450	'1139576_/_1139573'	0	0.07	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2451	'1131567_/_1131564'	0	0.03	0	0	0.4	0	0	Yes	0 Primary Over-Voltage
WAB031	2452	'1139534_/_1139531_2'	0	0.07	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2453	'1132693_/_1132690'	0	0.07	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2454	'1154171_/_1154181'	0	0.07	0	0	0.1	0	0	Yes	0 Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
WAB031	2455	'1130891_/_1130901'	0	0.03	0	0	0.95	0	0	Yes	0 Primary Over-Voltage
WAB031	2456	'42958027_/_1132716'	0	0.07	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2457	'1139589_/_1139586'	0	0.07	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2458	'1139547_/_1139544'	0	0.07	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2459	'1130878_/_1130888'	0	0.03	0	0	0.95	0	0	Yes	0 Primary Over-Voltage
WAB031	2460	'1131580_/_1131577'	0	0.03	0	0	0.4	0	0	Yes	0 Primary Over-Voltage
WAB031	2461	'1154158_/_1154168'	0	0.07	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2462	'7830837_/_7830834_1'	0	0.07	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2463	'1139602_/_1139599'	0	0.07	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2464	'1132706_/_1132703'	0	0.07	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2465	'1131593_/_1131590'	0	0.03	0	0	0.4	0	0	Yes	0 Primary Over-Voltage
WAB031	2466	'1154145_/_1154155'	0	0.07	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2467	'1130865_/_1130875'	0	0.03	0	0	0.95	0	0	Yes	0 Primary Over-Voltage
WAB031	2468	'1176813_/_1176810'	0	0.03	0	0	0.4	0	0	Yes	0 Primary Over-Voltage
WAB031	2469	'1139615_/_1139612'	0	0.07	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2470	'1132732_/_1132729'	0	0.07	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2471	'1154132_/_1154142'	0	0.07	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2472	'1179070_/_1179068'	0	0.03	0	0	0.4	0	0	Yes	0 Primary Over-Voltage
WAB031	2473	'1130864_/_1130862'	0	0.03	0	0	0.95	0	0	Yes	0 Primary Over-Voltage
WAB031	2474	'1139628_/_1139625'	0	0.07	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2475	'42966298_/_1179081'	0	0.03	0	0	0.4	0	0	Yes	0 Primary Over-Voltage
WAB031	2476	'1132888_/_1132885'	0	0.07	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2477	'1179044_/_1179055'	0	0.03	0	0	0.4	0	0	Yes	0 Primary Over-Voltage
WAB031	2478	'42961753_/_1154129'	0	0.07	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2479	'1132745_/_1132742'	0	0.07	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2480	'1130956_/_1130966'	0	0.03	0	0	0.95	0	0	Yes	0 Primary Over-Voltage
WAB031	2481	'427600608_/_1154116_2'	0	0.07	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2482	'427600640_/_427600606_1'	0	0.07	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2483	'1139641_/_1139638'	0	0.07	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2484	'1132901_/_1132898'	0	0.07	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2485	'1130916_/_1130914'	0	0.03	0	0	0.9	0	0	Yes	0 Primary Over-Voltage
WAB031	2486	'427600554_/_427600606_2'	0	0.07	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2487	'42961742_/_1154116_1'	0	0.07	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2488	'1132758_/_1132755'	0	0.07	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2489	'42965712_/_1176412'	0	0.07	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2490	'1168811_/_1168808'	0	0.07	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2491	'1131621_/_1179042'	0	0.03	0	0	0.4	0	0	Yes	0 Primary Over-Voltage
WAB031	2492	'1130943_/_1130953'	0	0.03	0	0	0.95	0	0	Yes	0 Primary Over-Voltage
WAB031	2493	'1139653_/_1176425'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2494	'1152872_/_1168417'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2495	'1132771_/_1132768'	0	0.07	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2496	'1131622_/_1131619'	0	0.03	0	0	0.4	0	0	Yes	0 Primary Over-Voltage
WAB031	2497	'1139654_/_1139651'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2498	'1132092_/_1132089'	0	0.03	0	0	0.4	0	0	Yes	0 Primary Over-Voltage
WAB031	2499	'1152859_/_1152869'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2500	'42958038_/_1132781'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2501	'1130930_/_1130940'	0	0.03	0	0	0.95	0	0	Yes	0 Primary Over-Voltage
WAB031	2502	'1132105_/_1132102'	0	0.03	0	0	0.4	0	0	Yes	0 Primary Over-Voltage
WAB031	2503	'1139667_/_1139664'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2504	'468619895_/_1132115'	0	0.03	0	0	0.4	0	0	Yes	0 Primary Over-Voltage
WAB031	2505	'42961588_/_42961590'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2506	'468620509_/_468619908_1'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2507	'1132797_/_42958040'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2508	'468620577_/_457111347_3'	0	0.03	0	0	0.4	0	0	Yes	0 Primary Over-Voltage
WAB031	2509	'1130929_/_1130927'	0	0.03	0	0	0.95	0	0	Yes	0 Primary Over-Voltage
WAB031	2510	'1139680_/_1139677'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2511	'468619911_/_468619908_2'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2512	'1132810_/_1132807'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2513	'468619927_/_468619924'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2514	'1152833_/_1152843'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2515	'1139693_/_1139690'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2516	'1132823_/_1132820'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2517	'468619943_/_468619940'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2518	'1169343_/_1169341'	0	0.03	0	0	0.95	0	0	Yes	0 Primary Over-Voltage
WAB031	2519	'1131164_/_1131161_2'	0	0.03	0	0	0.9	0	0	Yes	0 Primary Over-Voltage
WAB031	2520	'1152885_/_1152882'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2521	'1152832_/_1152830'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2522	'468619959_/_468619956'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2523	'1139706_/_1139703'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2524	'1132836_/_1132833'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2525	'1131332_/_1169354'	0	0.03	0	0	0.95	0	0	Yes	0 Primary Over-Voltage
WAB031	2526	'1131138_/_1131161_1'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2527	'468619975_/_468619972'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2528	'1132849_/_1132846'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2529	'1139719_/_1139716'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2530	'1180188_/_1180186'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2531	'468619991_/_468619988'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2532	'1131333_/_1131330'	0	0.03	0	0	0.95	0	0	Yes	0 Primary Over-Voltage
WAB031	2533	'1131125_/_1131135'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2534	'468620007_/_468620004'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2535	'1132862_/_1132859'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2536	'1152913_/_1180199'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2537	'1139732_/_1139729'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2538	'468620023_/_468620020'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2539	'1131112_/_1131122'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2540	'1131346_/_1131343'	0	0.03	0	0	0.95	0	0	Yes	0 Primary Over-Voltage
WAB031	2541	'489412405_/_468620036'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2542	'1132875_/_1132872'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2543	'468620039_/_489412409'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2544	'1152914_/_1152911'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2545	'468620055_/_468620052'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2546	'1154102_/_1168456'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2547	'1131359_/_1131356_1'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2548	'1152927_/_1152924'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
WAB031	2549	'42957905_/_1131356_2'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2550	'42957894_/_1131109'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2551	'468620071_/_468620068'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2552	'1154103_/_1154100'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2553	'468620087_/_468620084'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2554	'11311099_/_1131148'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2555	'468620103_/_468620100'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2556	'1131372_/_42957907'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2557	'457112645_/_457111347_2'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2558	'467078495_/_457111347_1'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2559	'463663784_/_457111313_1'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2560	'467078510_/_457111376_1'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2561	'1131086_/_1131096'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2562	'457111379_/_457111376_2'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2563	'468620119_/_468620116'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2564	'1131073_/_1131083'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2565	'1180214_/_1180241'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2566	'1180227_/_1180225'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2567	'468620135_/_468620132'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2568	'484514834_/_468620164_1'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2569	'1131060_/_1131070'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2570	'1131228_/_1180212'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2571	'489412438_/_468620164_2'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2572	'1131229_/_1131226'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2573	'1131047_/_1131057'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2574	'1131784_/_489412444'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2575	'1131034_/_1131044'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2576	'1131242_/_1131239'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2577	'1131797_/_1131794'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2578	'1131021_/_1131031'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2579	'1131255_/_1131252'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2580	'1131810_/_1131807'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2581	'1131008_/_1131018'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2582	'1131823_/_1131820'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2583	'1131268_/_1131265'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2584	'1131007_/_1131005'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2585	'1130995_/_1131174'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2586	'1131836_/_1131833'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2587	'1131281_/_1131278'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2588	'1131849_/_1131846'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2589	'1130638_/_1130992'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2590	'1131294_/_1131291'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2591	'1131862_/_1131859'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2592	'1130625_/_1130635'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2593	'1131307_/_1131304'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2594	'1131875_/_1131872'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2595	'1130624_/_1130622'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2596	'489412341_/_457111313_2'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2597	'1131202_/_1131317'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2598	'1131888_/_1131885'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2599	'1148260_/_1168782'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2600	'1131901_/_42957918'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2601	'1131189_/_1131200'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2602	'1131190_/_1131187'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2603	'1148261_/_1148258'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2604	'412607122_/_412607017'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2605	'42957927_/_1131924'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2606	'42961081_/_1148271'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2607	'467078546_/_489412363'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2608	'42957938_/_1131911'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2609	'1169383_/_1169380'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2610	'412607028_/_412607124'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2611	'1131914_/_42957940'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2612	'1132641_/_1132651'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2613	'1131738_/_1131937'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2614	'1148303_/_1148313'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2615	'1132628_/_1132638'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2616	'1131739_/_1131736'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2617	'42957949_/_1131963'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2618	'1131952_/_1131950_1'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2619	'1131997_/_1168860'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2620	'42957960_/_1131950_2'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2621	'1148290_/_1148300'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2622	'1131998_/_1131995'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2623	'1132615_/_1132625'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2624	'269838259_/_457111157'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2625	'1132014_/_1132011'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2626	'1148289_/_1148287'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2627	'1131768_/_42957962'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2628	'1132602_/_1132612'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2629	'457515491_/_1179884_2'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2630	'1179886_/_1179884_1'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2631	'1132589_/_1132599'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2632	'1132573_/_1132586'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2633	'1132572_/_1132570'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2634	'1132027_/_1132024'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2635	'1131751_/_1131979'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2636	'7200727_/_8781018_2'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2637	'1132666_/_1132664'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2638	'1179900_/_1179897'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2639	'1148328_/_42961094'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2640	'8781020_/_8781018_1'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2641	'1179916_/_1179913'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2642	'8781037_/_8781034'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
WAB031	2643	'8463639_/9411934'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2644	'42957971_/1131749'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2645	'1132040_/1132037'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2646	'68525033_/42957973_1'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2647	'42957983_/42957973_2'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2648	'1132053_/1132050'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2649	'37563146_/9411334'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2650	'37563153_/37563150'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2651	'37563160_/37563157'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2652	'37563174_/37563178'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2653	'384772493_/384772490'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2654	'8463638_/8463636'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2655	'1132066_/1132063'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2656	'8780817_/9099957'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2657	'7200743_/8780814'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2658	'7200742_/7200740'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2659	'7520092_/8463196'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2660	'7520091_/7520089'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2661	'7119724_/8151871_1'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2662	'42958016_/8151871_2'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2663	'2537903_/42958018'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2664	'2537738_/2537748'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2665	'42958005_/7119693'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2666	'2537725_/2537735'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2667	'2537792_/42958007'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2668	'2537709_/2537722'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2669	'2537822_/2537819'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2670	'2537793_/2537790'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2671	'2537696_/2537706'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2672	'2537809_/2537806'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2673	'2537683_/2537693'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2674	'2537764_/2537774'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2675	'2537835_/2537832'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2676	'43165805_/43165807'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2677	'2537763_/2537761'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2678	'2551024_/2551021'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2679	'2537670_/2537680'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2680	'2537851_/2537848'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2681	'7224471_/7851120_1'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2682	'43174654_/2600768'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2683	'2537657_/2537667'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2684	'2600250_/43174656'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2685	'36802904_/2600248'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2686	'2537864_/2537861'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2687	'2537644_/2537654'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2688	'7851123_/7851120_2'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2689	'2537877_/2537874'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2690	'2537890_/2537887'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2691	'2537631_/2537641'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2692	'2537618_/2537628'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2693	'426370635_/2537615_2'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2694	'2537605_/2537615_1'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2695	'2537592_/2537602'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2696	'2537579_/2537589'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2697	'2537553_/2537576'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2698	'2537565_/2537563'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2699	'2537540_/2537550'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2700	'2537527_/2537537'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2701	'2537526_/2537524'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2702	'43165783_/43165785'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2703	'2537271_/2537307'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2704	'2537284_/2537281'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2705	'2537296_/2537294'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2706	'2537270_/2537268'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2707	'2537365_/2537375'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2708	'2537352_/2537362'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2709	'2537339_/2537349'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2710	'2537326_/2537336'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2711	'2537258_/2537323'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2712	'2537245_/2537255'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2713	'2537232_/2537242'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2714	'2537231_/2537229_2'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2715	'2537219_/2537229_1'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2716	'2537462_/2537459_1'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2717	'2537449_/2537459_2'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2718	'2537436_/2537446'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2719	'2537435_/2537433'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2720	'2537206_/2537216'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2721	'43165794_/2537498'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2722	'2537420_/2537511'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2723	'8112338_/8112336_1'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2724	'2537419_/2537417'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2725	'2537193_/2537203'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2726	'8112339_/8112336_2'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2727	'2537180_/2537190'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2728	'2537167_/2537177'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2729	'2537154_/2537164'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2730	'2537141_/2537151'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2731	'469907888_/2537138'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2732	'1705320_/7119677'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2733	'2537391_/469907920'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2734	'1705306_/7119661'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2735	'2537404_/2537401'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2736	'1705319_/1705317'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
WAB031	2737	'7115718_/_7115715'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2738	'1705537_/_1705982'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2739	'1705550_/_1705547'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2740	'1705332_/_1705330'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2741	'1705524_/_1705534'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2742	'1705495_/_1705521'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2743	'1705345_/_1705343'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2744	'1705508_/_1705505'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2745	'1705482_/_1705492'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2746	'1705358_/_1705356'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2747	'1705469_/_1705479'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2748	'43042739_/_1705369'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2749	'1705456_/_1705466'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2750	'1705384_/_1705382'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2751	'105164517_/_105164501_1'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2752	'1705443_/_1705453'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2753	'7127095_/_7127092'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2754	'1705417_/_1705440'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2755	'1705416_/_1705414'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2756	'1705430_/_43042752'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2757	'105164490_/_105164501_2'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2758	'1705813_/_1705969'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2759	'1705800_/_1705810'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2760	'1705825_/_1705823'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2761	'1705839_/_1705836'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2762	'1705787_/_1705797'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2763	'1705774_/_1705784'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2764	'1705761_/_1705771'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2765	'1705748_/_1705758'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2766	'1705735_/_1705745'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2767	'1705722_/_1705732'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2768	'1705696_/_1705719'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2769	'1706318_/_1706316'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2770	'1706332_/_1706342'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2771	'1705683_/_1705693'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2772	'1706361_/_1706358'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2773	'1705670_/_1705680'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2774	'1705657_/_1705667'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2775	'1705644_/_1705654'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2776	'43042772_/_1705641'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2777	'1705631_/_1705706'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2778	'1705618_/_1705628'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2779	'1705605_/_1705615'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2780	'1705592_/_1705602'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2781	'1705579_/_1705589'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2782	'1705566_/_1705576'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2783	'1705565_/_1705563'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2784	'1705022_/_1705943'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2785	'1705009_/_1705019'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2786	'1705035_/_1705048'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2787	'1705034_/_1705032'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2788	'1705064_/_1705074'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2789	'1705063_/_467045206'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2790	'467045615_/_1705152_2'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2791	'467045574_/_467045121_1'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2792	'1705142_/_1705152_1'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2793	'1705236_/_467045158'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2794	'1705129_/_1705139'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2795	'1705277_/_1705930'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2796	'468993811_/_468993625'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2797	'1705116_/_1705126'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2798	'1705278_/_1705275'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2799	'468993777_/_468993815'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2800	'1705103_/_1705113'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2801	'1705264_/_1705917'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2802	'468993743_/_468993781'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2803	'1705090_/_1705100'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2804	'1705265_/_1705262'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2805	'468993628_/_468993747'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2806	'468993686_/_468993641_1'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2807	'419500535_/_1705288'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2808	'468993644_/_468993641_2'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2809	'1705291_/_419500537'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2810	'1705089_/_1705087'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2811	'43042717_/_43042719'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2812	'1705197_/_1705207'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2813	'1705184_/_1705194'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2814	'1705168_/_1705181'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2815	'1705167_/_1705165'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2816	'102283301_/_467045121_2'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2817	'468993410_/_102283312_2'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2818	'102283234_/_102283312_1'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAB031	2819	'1705854_/_102283243'	0	0.03	0	0	0.1	0	0	Yes	0 Primary Over-Voltage
WAK321	0	'WAK321_/_Section_6775852141'	10	10	8.2	1.46	10	10	6.98	Yes	1.46 Thermal Discharging
WAK321	1	'Node_6775852140_/_Section_6775852141'	10	10	8.2	1.46	10	10	5.9	Yes	1.46 Thermal Discharging
WAK321	2	'426998723_/_269487298_2'	10	10	8.2	1.46	10	10	5.9	Yes	1.46 Thermal Discharging
WAK321	3	'473347272_/_473347261_2'	3.33	3.33	2.73	0.49	3.33	3.33	1.97	Yes	0.49 Thermal Discharging
WAK321	4	'269487287_/_269487298_1'	10	10	8.2	1.46	10	10	5.9	Yes	1.46 Thermal Discharging
WAK321	5	'269487380_/_473347261_1'	3.33	3.33	2.73	0.49	3.33	3.33	1.97	Yes	0.49 Thermal Discharging
WAK321	6	'50902079_/_3547062'	10	10	8.2	1.46	10	10	5.9	Yes	1.46 Thermal Discharging
WAK321	7	'3546921_/_3546919'	10	10	8.2	1.46	10	10	5.9	Yes	1.46 Thermal Discharging
WAK321	8	'426998745_/_409345652_1'	3.33	3.33	2.73	0.49	1.8	3.33	1.97	Yes	0.49 Thermal Discharging
WAK321	9	'344397526_/_269487646_1'	3.33	3.33	2.73	0.49	1.9	3.33	1.97	Yes	0.49 Thermal Discharging
WAK321	10	'3546839_/_3546885'	10	10	8.2	1.46	10	10	5.9	Yes	1.46 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
WAK321	11	'269487704_/269487646_2'	3.33		3.33	2.73	0.49	1.9	3.33	1.97 Yes	0.49 Thermal Discharging
WAK321	12	'3546692_/3546836'	10		10	8.2	1.46	10	10	5.9 Yes	1.46 Thermal Discharging
WAK321	13	'3546691_/3546689'	10		10	8.2	1.46	10	10	5.9 Yes	1.46 Thermal Discharging
WAK321	14	'69563294_/3546803'	10		10	8.2	1.46	10	10	5.9 Yes	1.46 Thermal Discharging
WAK321	15	'69456210_/3546790_2'	3.33		3.33	2.73	0.49	3.33	3.33	1.97 Yes	0.49 Thermal Discharging
WAK321	16	'50901931_/43338449_2'	3.33		3.33	2.73	0.49	3.33	3.33	1.97 Yes	0.49 Thermal Discharging
WAK321	17	'724739171_/724739175'	10		10	8.2	1.46	10	10	5.9 Yes	1.46 Thermal Discharging
WAK321	18	'3546737_/43338449_1'	3.33		3.33	2.73	0.49	1.5	3.33	1.97 Yes	0.49 Thermal Discharging
WAK321	19	'388299452_/388299454'	10		10	8.2	1.46	10	10	5.9 Yes	1.46 Thermal Discharging
WAK321	20	'69456197_/3546790_1'	3.33		3.33	2.73	0.49	1.2	3.33	1.97 Yes	0.49 Thermal Discharging
WAK321	21	'388299402_/388299404'	10		10	8.2	1.46	10	10	5.9 Yes	1.46 Thermal Discharging
WAK321	22	'3541246_/7125227'	10		10	8.2	1.46	10	10	5.9 Yes	1.46 Thermal Discharging
WAK321	23	'56565343_/56565323'	3.33		3.33	2.73	0.49	1.2	3.33	1.97 Yes	0.49 Thermal Discharging
WAK321	24	'466149271_/460707030'	10		10	8.2	1.46	10	10	5.9 Yes	1.46 Thermal Discharging
WAK321	25	'56565723_/56565389_1'	3.33		3.33	2.73	0.49	0.7	3.33	1.97 Yes	0.49 Thermal Discharging
WAK321	26	'459429776_/388299501'	10		10	8.2	1.46	10	10	5.9 Yes	1.46 Thermal Discharging
WAK321	27	'473071870_/473071838'	10		10	8.2	1.46	10	10	5.9 Yes	1.46 Thermal Discharging
WAK321	28	'473071890_/459429860'	10		10	8.2	1.46	10	10	5.9 Yes	1.46 Thermal Discharging
WAK321	29	'473071955_/459429919_2'	10		10	8.2	1.46	10	10	5.9 Yes	1.46 Thermal Discharging
WAK321	30	'69455909_/69455906'	10		10	8.2	1.46	10	10	5.9 Yes	1.46 Thermal Discharging
WAK321	31	'460707267_/459429919_1'	10		10	8.2	1.46	5.6	10	5.9 Yes	1.46 Thermal Discharging
WAK321	32	'510334457_/510334463'	10		10	8.2	1.46	5.6	10	5.9 Yes	1.46 Thermal Discharging
WAK321	33	'498995928_/459430061_2'	10		10	8.2	1.46	5.6	10	5.9 Yes	1.46 Thermal Discharging
WAK321	34	'459430256_/459430061_1'	10		10	8.2	1.46	5.6	10	5.9 Yes	1.46 Thermal Discharging
WAK321	35	'459430303_/459430232_2'	10		10	8.2	1.46	5.6	10	5.9 Yes	1.46 Thermal Discharging
WAK321	36	'459430468_/459430081'	10		10	8.2	1.46	5.6	10	5.9 Yes	1.46 Thermal Discharging
WAK321	37	'459430235_/459430232_1'	10		10	8.2	1.46	3.6	10	5.9 Yes	1.46 Thermal Discharging
WAK321	38	'510334072_/459430444_1'	10		10	8.2	1.46	3.6	10	5.9 Yes	1.46 Thermal Discharging
WAK321	39	'3541245_/3541243'	10		10	8.2	1.46	10	10	5.9 Yes	1.46 Thermal Discharging
WAK321	40	'459430494_/459430101'	10		10	8.2	1.46	5.6	10	5.9 Yes	1.46 Thermal Discharging
WAK321	41	'510334056_/459430319_1'	10		10	8.2	1.46	3.6	10	5.9 Yes	1.46 Thermal Discharging
WAK321	42	'459430447_/459430444_2'	10		10	8.2	1.46	3.6	10	5.9 Yes	1.46 Thermal Discharging
WAK321	43	'510334228_/459430697_1'	10		10	8.2	1.46	3.6	10	5.9 Yes	1.46 Thermal Discharging
WAK321	44	'459430518_/459430121'	10		10	8.2	1.46	5.6	10	5.9 Yes	1.46 Thermal Discharging
WAK321	45	'510334082_/459430540_1'	10		10	8.2	1.46	3.6	10	5.9 Yes	1.46 Thermal Discharging
WAK321	46	'459430700_/459430697_2'	10		10	8.2	1.46	3.6	10	5.9 Yes	1.46 Thermal Discharging
WAK321	47	'510334238_/460706723_1'	10		10	8.2	1.46	3.6	10	5.9 Yes	1.46 Thermal Discharging
WAK321	48	'679835320_/459430319_2'	10		10	8.2	1.46	3.6	10	5.9 Yes	1.46 Thermal Discharging
WAK321	49	'459430534_/459430189'	10		10	8.2	1.46	5.6	10	5.9 Yes	1.46 Thermal Discharging
WAK321	50	'460706726_/460706723_2'	10		10	8.2	1.46	3.6	10	5.9 Yes	1.46 Thermal Discharging
WAK321	51	'679835331_/459430540_2'	10		10	8.2	1.46	3.6	10	5.9 Yes	1.46 Thermal Discharging
WAK321	52	'510334158_/459430717_1'	10		10	8.2	1.46	3.6	10	5.9 Yes	1.46 Thermal Discharging
WAK321	53	'510334301_/460706889_1'	10		10	8.2	1.46	3.6	10	5.9 Yes	1.46 Thermal Discharging
WAK321	54	'460706892_/460706889_2'	10		10	8.2	1.46	3.6	10	5.9 Yes	1.46 Thermal Discharging
WAK321	55	'679835342_/459430717_2'	10		10	8.2	1.46	3.6	10	5.9 Yes	1.46 Thermal Discharging
WAK321	56	'510334214_/460706743_1'	10		10	8.2	1.46	3.6	10	5.9 Yes	1.46 Thermal Discharging
WAK321	57	'3541416_/3541380'	10		10	8.2	1.46	10	10	5.9 Yes	1.46 Thermal Discharging
WAK321	58	'510334311_/460706909_1'	10		10	8.2	1.46	3.6	10	5.9 Yes	1.46 Thermal Discharging
WAK321	59	'679835353_/460706743_2'	10		10	8.2	1.46	3.6	10	5.9 Yes	1.46 Thermal Discharging
WAK321	60	'694559500_/3541345_1'	3.33		3.33	2.73	0.49	1.2	3.33	1.97 Yes	0.49 Thermal Discharging
WAK321	61	'679835364_/460706909_2'	10		10	8.2	1.46	3.6	10	5.9 Yes	1.46 Thermal Discharging
WAK321	62	'459430322_/459430319_3'	10		10	8.2	1.46	3.6	10	5.9 Yes	1.46 Thermal Discharging
WAK321	63	'459430543_/459430540_3'	10		10	8.2	1.46	3.6	10	5.9 Yes	1.46 Thermal Discharging
WAK321	64	'459430720_/459430717_3'	10		10	8.2	1.46	3.6	10	5.9 Yes	1.46 Thermal Discharging
WAK321	65	'460706746_/460706743_3'	10		10	8.2	1.46	3.6	10	5.9 Yes	1.46 Thermal Discharging
WAK321	66	'3541266_/3541397'	10		10	8.2	1.46	10	10	5.9 Yes	1.46 Thermal Discharging
WAK321	67	'460706912_/460706909_3'	10		10	8.2	1.46	3.6	10	5.9 Yes	1.46 Thermal Discharging
WAK321	68	'3541332_/3541345_2'	3.33		3.33	2.73	0.49	1.2	3.33	1.97 Yes	0.49 Thermal Discharging
WAK321	69	'3541265_/3541263'	10		10	8.2	1.46	10	10	5.9 Yes	1.46 Thermal Discharging
WAK321	70	'3522075_/3541360'	10		10	8.2	1.46	10	10	5.9 Yes	1.46 Thermal Discharging
WAK321	71	'3522074_/3522072'	10		10	8.2	1.46	10	10	5.9 Yes	1.46 Thermal Discharging
WAK321	72	'3543795_/3543809'	10		10	8.2	1.46	10	10	5.9 Yes	1.46 Thermal Discharging
WAK321	73	'3503592_/3543792'	10		10	8.2	1.46	10	10	5.9 Yes	1.46 Thermal Discharging
WAK321	74	'3503575_/3503589'	10		10	8.2	1.46	10	10	5.9 Yes	1.46 Thermal Discharging
WAK321	75	'3503558_/3503572'	10		10	8.2	1.46	10	10	5.9 Yes	1.46 Thermal Discharging
WAK321	76	'3503541_/3503555'	10		10	8.2	1.46	10	10	5.9 Yes	1.46 Thermal Discharging
WAK321	77	'3503524_/3503538'	10		10	8.2	1.46	10	10	5.9 Yes	1.46 Thermal Discharging
WAK321	78	'3503523_/3503521'	10		10	8.2	1.46	10	10	5.9 Yes	1.46 Thermal Discharging
WAK321	79	'379204040_/56565389_2'	3.33		3.33	2.73	0.49	0.7	3.33	1.97 Yes	0.49 Thermal Discharging
WAK321	80	'3503507_/3522954'	10		10	8.2	1.46	10	10	5.9 Yes	1.46 Thermal Discharging
WAK321	81	'379204078_/379204097'	3.33		3.33	2.73	0.49	0.7	3.33	1.97 Yes	0.49 Thermal Discharging
WAK321	82	'3503490_/3503504'	10		10	8.2	1.46	10	10	5.9 Yes	1.46 Thermal Discharging
WAK321	83	'3503489_/3503487'	10		10	8.2	1.46	10	10	5.9 Yes	1.46 Thermal Discharging
WAK321	84	'379204002_/379204115'	3.33		3.33	2.73	0.49	0.7	3.33	1.97 Yes	0.49 Thermal Discharging
WAK321	85	'3522991_/3523005'	10		10	8.2	1.46	10	10	5.9 Yes	1.46 Thermal Discharging
WAK321	86	'3522974_/3522988'	10		10	8.2	1.46	10	10	5.9 Yes	1.46 Thermal Discharging
WAK321	87	'3522973_/3522971'	10		10	8.2	1.46	10	10	5.9 Yes	1.46 Thermal Discharging
WAK321	88	'3531170_/3531168'	10		10	8.2	1.46	10	10	5.9 Yes	1.46 Thermal Discharging
WAK321	89	'3531328_/3531342'	10		10	8.2	1.46	10	10	5.9 Yes	1.46 Thermal Discharging
WAK321	90	'3531311_/3531325'	10		10	8.2	1.46	10	10	5.9 Yes	1.46 Thermal Discharging
WAK321	91	'3531294_/3531308'	10		10	8.2	1.46	10	10	5.9 Yes	1.46 Thermal Discharging
WAK321	92	'3531293_/3531291'	10		10	8.2	1.46	10	10	5.9 Yes	1.46 Thermal Discharging
WAK321	93	'3531699_/3531713'	10		10	8.2	1.46	10	10	5.9 Yes	1.46 Thermal Discharging
WAK321	94	'3531698_/3531696'	10		10	8.2	1.46	10	10	5.9 Yes	1.46 Thermal Discharging
WAK321	95	'56565382_/379204008'	3.33		3.33	2.73	0.49	0.7	3.33	1.97 Yes	0.49 Thermal Discharging
WAK321	96	'3531682_/3531901'	10		10	8.2	1.46	10	10	5.9 Yes	1.46 Thermal Discharging
WAK321	97	'3531665_/3531679'	10		10	8.2	1.46	10	10	5.9 Yes	1.46 Thermal Discharging
WAK321	98	'3531648_/3531662'	10		10	8.2	1.46	10	10	5.9 Yes	1.46 Thermal Discharging
WAK321	99	'3531631_/3531645'	10		10	8.2	1.46	10	10	5.9 Yes	1.46 Thermal Discharging
WAK321	100	'3531614_/3531628'	10		10	8.2	1.46	10	10	5.9 Yes	1.46 Thermal Discharging
WAK321	101	'3531596_/3531611'	10		10	8.2	1.46	10	10	5.9 Yes	1.46 Thermal Discharging
WAK321	102	'3528719_/3531594'	10		10	8.2	1.46	10	10	5.9 Yes	1.46 Thermal Discharging
WAK321	103	'3528702_/3528716'	10		10	8.2	1.46	10	10	5.9 Yes	1.46 Thermal Discharging
WAK321	104	'3528701_/3528699'	10		10	8.2	1.46	10	10	5.9 Yes	1.46 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
											VSR (MW)	Limiting Threshold
WAK321	105	'3528770_/_3528784'		10	10	8.2	1.46	10	10	5.9 Yes	1.46 Thermal Discharging	
WAK321	106	'3528753_/_3528767'		10	10	8.2	1.46	10	10	5.9 Yes	1.46 Thermal Discharging	
WAK321	107	'3528736_/_3528750'		10	10	8.2	1.46	10	10	5.9 Yes	1.46 Thermal Discharging	
WAK321	108	'471025801_/_720876880'		10	10	8.2	1.46	10	10	5.9 Yes	1.46 Thermal Discharging	
WAK321	109	'50216683_/_3528801'		10	10	8.2	1.46	10	10	5.9 Yes	1.46 Thermal Discharging	
WAK321	110	'50217530_/_3528852'		10	10	8.2	1.46	10	10	5.9 Yes	1.46 Thermal Discharging	
WAK321	111	'471026391_/_471026339_1'		10	10	8.2	1.46	3.7	10	5.9 Yes	1.46 Thermal Discharging	
WAK321	112	'50216682_/_50216656'		10	10	8.2	1.46	10	10	5.9 Yes	1.46 Thermal Discharging	
WAK321	113	'50216718_/_50216687'		10	10	8.2	1.46	10	10	5.9 Yes	1.46 Thermal Discharging	
WAK321	114	'50216747_/_50216724'		10	10	8.2	1.46	10	10	5.9 Yes	1.46 Thermal Discharging	
WAK321	115	'374207246_/_374207121_1'		10	10	8.2	1.46	3.7	10	5.9 Yes	1.46 Thermal Discharging	
WAK321	116	'50217574_/_50216749'		10	10	8.2	1.46	10	10	5.9 Yes	1.46 Thermal Discharging	
WAK321	117	'56565413_/_56565420'	3.33	3.33	2.73	0.49	0.7	3.33	1.97 Yes	0.49 Thermal Discharging		
WAK321	118	'3528922_/_471026339_2'		10	10	8.2	1.46	3.7	10	5.9 Yes	1.46 Thermal Discharging	
WAK321	119	'9087776_/_494587251_2'		10	10	8.2	1.46	3.7	10	5.9 Yes	1.46 Thermal Discharging	
WAK321	120	'3528600_/_50216778'		10	10	8.2	1.46	10	10	5.9 Yes	1.46 Thermal Discharging	
WAK321	121	'430105417_/_50215343'		10	10	8.2	1.46	10	10	5.9 Yes	1.46 Thermal Discharging	
WAK321	122	'494587229_/_494587251_1'		10	10	8.2	1.46	3.7	10	5.9 Yes	1.46 Thermal Discharging	
WAK321	123	'468068039_/_9087793'		10	10	8.2	1.46	3.7	10	5.9 Yes	1.46 Thermal Discharging	
WAK321	124	'430105902_/_430105854_1'		10	10	8.2	1.46	3.6	10	5.9 Yes	1.46 Thermal Discharging	
WAK321	125	'444026509_/_52527671'		10	10	8.2	1.46	10	10	5.9 Yes	1.46 Thermal Discharging	
WAK321	126	'444026743_/_444026680_1'	3.33	3.33	2.73	0.49	1.2	3.33	1.97 Yes	0.49 Thermal Discharging		
WAK321	127	'56048565_/_444026511'		10	10	8.2	1.46	10	10	5.9 Yes	1.46 Thermal Discharging	
WAK321	128	'56048569_/_52527580'		10	10	8.2	1.46	10	10	5.9 Yes	1.46 Thermal Discharging	
WAK321	129	'430105835_/_430105854_2'		10	10	8.2	1.46	3.6	10	5.9 Yes	1.46 Thermal Discharging	
WAK321	130	'56048573_/_52527714'		10	10	8.2	1.46	10	10	5.9 Yes	1.46 Thermal Discharging	
WAK321	131	'3542651_/_3542649'		10	10	8.2	1.46	10	10	5.9 Yes	1.46 Thermal Discharging	
WAK321	132	'50330358_/_50330355'		10	10	8.2	1.46	10	10	5.9 Yes	1.46 Thermal Discharging	
WAK321	133	'9087796_/_468068059'		10	10	8.2	1.46	3.7	10	5.9 Yes	1.46 Thermal Discharging	
WAK321	134	'156865432_/_156865430'		10	10	8.2	1.46	10	10	5.9 Yes	1.46 Thermal Discharging	
WAK321	135	'444026625_/_444026680_2'	3.33	3.33	2.73	0.49	1.2	3.33	1.97 Yes	0.49 Thermal Discharging		
WAK321	136	'50672453_/_156866401'		10	10	8.2	1.46	10	10	5.9 Yes	1.46 Thermal Discharging	
WAK321	137	'418027824_/_374207121_2'		10	10	8.2	1.46	3.7	10	5.9 Yes	1.46 Thermal Discharging	
WAK321	138	'380078226_/_418027845'		10	10	8.2	1.46	3.7	10	5.9 Yes	1.46 Thermal Discharging	
WAK321	139	'63838344_/_54070048'		10	10	8.2	1.46	10	10	5.9 Yes	1.46 Thermal Discharging	
WAK321	140	'63838352_/_54070077'		10	10	8.2	1.46	10	10	5.9 Yes	1.46 Thermal Discharging	
WAK321	141	'63838359_/_54070147'		10	10	8.2	1.46	10	10	5.9 Yes	1.46 Thermal Discharging	
WAK321	142	'57526926_/_57526933'		10	10	8.2	1.46	3.7	10	5.9 Yes	1.46 Thermal Discharging	
WAK321	143	'407885274_/_380078232'		10	10	8.2	1.46	3.7	10	5.9 Yes	1.46 Thermal Discharging	
WAK321	144	'63838376_/_54070223'		10	10	8.2	1.46	10	10	5.9 Yes	1.46 Thermal Discharging	
WAK321	145	'145362369_/_51742931_1'	3.33	3.33	2.73	0.49	1.2	3.33	1.97 Yes	0.49 Thermal Discharging		
WAK321	146	'63838384_/_54070248'		10	10	8.2	1.46	10	10	5.9 Yes	1.46 Thermal Discharging	
WAK321	147	'3542774_/_3542947'		10	10	8.2	1.46	10	10	5.9 Yes	1.46 Thermal Discharging	
WAK321	148	'63838412_/_54070273'		10	10	8.2	1.46	10	10	5.9 Yes	1.46 Thermal Discharging	
WAK321	149	'63838422_/_55083560_1'		10	10	8.2	1.46	3.6	10	5.9 Yes	1.46 Thermal Discharging	
WAK321	150	'407885364_/_407885383'		10	10	8.2	1.46	3.7	10	5.9 Yes	1.46 Thermal Discharging	
WAK321	151	'56565472_/_56565451'	3.33	3.33	2.73	0.49	0.7	3.33	1.97 Yes	0.49 Thermal Discharging		
WAK321	152	'393478593_/_56565501'	3.33	3.33	2.73	0.49	0.7	3.33	1.97 Yes	0.49 Thermal Discharging		
WAK321	153	'407885319_/_407885409'		10	10	8.2	1.46	3.7	10	5.9 Yes	1.46 Thermal Discharging	
WAK321	154	'116322547_/_3542771'		10	10	8.2	1.46	10	10	5.9 Yes	1.46 Thermal Discharging	
WAK321	155	'51743451_/_51742931_2'	3.33	3.33	2.73	0.49	1.2	3.33	1.97 Yes	0.49 Thermal Discharging		
WAK321	156	'116322535_/_3542700'		10	10	8.2	1.46	10	10	5.9 Yes	1.46 Thermal Discharging	
WAK321	157	'55083553_/_55083560_2'		10	10	8.2	1.46	3.6	10	5.9 Yes	1.46 Thermal Discharging	
WAK321	158	'63838436_/_54070310'		10	10	8.2	1.46	10	10	5.9 Yes	1.46 Thermal Discharging	
WAK321	159	'239411138_/_239411157'	3.33	3.33	2.73	0.49	1.2	3.33	1.97 Yes	0.49 Thermal Discharging		
WAK321	160	'51743459_/_51742871'	3.33	3.33	2.73	0.49	1.2	3.33	1.97 Yes	0.49 Thermal Discharging		
WAK321	161	'63838470_/_54070427'	3.33	3.33	2.73	0.49	3.33	3.33	1.97 Yes	0.49 Thermal Discharging		
WAK321	162	'374207102_/_407885323'		10	10	8.2	1.46	3.7	10	5.9 Yes	1.46 Thermal Discharging	
WAK321	163	'389953047_/_374207186'		10	10	8.2	1.46	3.7	10	5.9 Yes	1.46 Thermal Discharging	
WAK321	164	'63838481_/_56397511_1'	3.33	3.33	2.73	0.49	1.9	3.33	1.97 Yes	0.49 Thermal Discharging		
WAK321	165	'63838478_/_56397511_2'	3.33	3.33	2.73	0.49	1.9	3.33	1.97 Yes	0.49 Thermal Discharging		
WAK321	166	'393478603_/_393478411'	3.33	3.33	2.73	0.49	0.7	3.33	1.97 Yes	0.49 Thermal Discharging		
WAK321	167	'3542461_/_3542683'		10	10	8.2	1.46	10	10	5.9 Yes	1.46 Thermal Discharging	
WAK321	168	'501339476_/_54100284_1'		10	10	8.2	1.46	3.6	10	5.9 Yes	1.46 Thermal Discharging	
WAK321	169	'374207167_/_389953087'		10	10	8.2	1.46	3.7	10	5.9 Yes	1.46 Thermal Discharging	
WAK321	170	'54100277_/_54100284_2'		10	10	8.2	1.46	3.6	10	5.9 Yes	1.46 Thermal Discharging	
WAK321	171	'54100340_/_54100337'		10	10	8.2	1.46	3.6	10	5.9 Yes	1.46 Thermal Discharging	
WAK321	172	'486552414_/_486552430'		10	10	8.2	1.46	3.6	10	5.9 Yes	1.46 Thermal Discharging	
WAK321	173	'3542462_/_3542459'		10	10	8.2	1.46	10	10	5.9 Yes	1.46 Thermal Discharging	
WAK321	174	'65406734_/_57566570_1'		10	10	8.2	1.46	3.7	10	5.9 Yes	1.46 Thermal Discharging	
WAK321	175	'63838440_/_54070472'	3.33	3.33	2.73	0.49	2.6	3.33	1.97 Yes	0.49 Thermal Discharging		
WAK321	176	'393478585_/_393478429'	3.33	3.33	2.73	0.49	0.7	3.33	1.97 Yes	0.49 Thermal Discharging		
WAK321	177	'3542478_/_57566570_2'		10	10	8.2	1.46	3.7	10	5.9 Yes	1.46 Thermal Discharging	
WAK321	178	'105585455_/_105585464'		10	10	8.2	1.46	10	10	5.9 Yes	1.46 Thermal Discharging	
WAK321	179	'105585548_/_105585516_1'		10	10	8.2	1.46	3.6	10	5.9 Yes	1.46 Thermal Discharging	
WAK321	180	'56565494_/_449527599'	3.33	3.33	2.73	0.49	0.7	3.33	1.97 Yes	0.49 Thermal Discharging		
WAK321	181	'44078576_/_57566643'		10	10	8.2	1.46	3.7	10	5.9 Yes	1.46 Thermal Discharging	
WAK321	182	'475680607_/_475680611'		10	10	8.2	1.46	10	10	5.9 Yes	1.46 Thermal Discharging	
WAK321	183	'43337368_/_57566670'		10	10	8.2	1.46	3.7	10	5.9 Yes	1.46 Thermal Discharging	
WAK321	184	'105585505_/_105585516_2'		10	10	8.2	1.46	3.6	10	5.9 Yes	1.46 Thermal Discharging	
WAK321	185	'7180075_/_7180090'		10	10	8.2	1.46	3.7	10	5.9 Yes	1.46 Thermal Discharging	
WAK321	186	'3542336_/_3542334'		10	10	8.2	1.46	10	10	5.9 Yes	1.46 Thermal Discharging	
WAK321	187	'56565525_/_56565532'	3.33	3.33	2.73	0.49	0.7	3.33	1.97 Yes	0.49 Thermal Discharging		
WAK321	188	'371287376_/_371287380'	3.33	3.33	2.73	0.49	1.23	3.33	1.97 Yes	0.49 Thermal Discharging		
WAK321	189	'374208012_/_389953115'	3.33	3.33	2.73	0.49	1.23	3.33	1.97 Yes	0.49 Thermal Discharging		
WAK321	190	'57566743_/_74994928'		10	10	8.2	1.46	3.7				

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
WAK321	199	'56565556_/56565563'	3.33	3.33	2.73	0.49	0.7	3.33	1.97	Yes	0.49 Thermal Discharging
WAK321	200	'3536361_/3536444'	10	10	8.2	1.46	10	10	5.9	Yes	1.46 Thermal Discharging
WAK321	201	'43335963_/43335965'	10	10	8.2	1.46	3.7	10	5.9	Yes	1.46 Thermal Discharging
WAK321	202	'8523216_/57566247_2'	10	10	8.2	1.46	2.3	10	5.9	Yes	1.46 Thermal Discharging
WAK321	203	'43334909_/43334911'	10	10	8.2	1.46	10	10	5.9	Yes	1.46 Thermal Discharging
WAK321	204	'51743058_/51743034'	10	10	8.2	1.46	10	10	5.9	Yes	1.46 Thermal Discharging
WAK321	205	'102811912_/51743523_1'	3.33	3.33	2.73	0.49	1.2	3.33	1.97	Yes	0.49 Thermal Discharging
WAK321	206	'51743122_/51743182'	10	10	8.2	1.46	10	10	5.9	Yes	1.46 Thermal Discharging
WAK321	207	'51743446_/51743119_1'	3.33	3.33	2.73	0.49	1.2	3.33	1.97	Yes	0.49 Thermal Discharging
WAK321	208	'51743356_/51743300'	10	10	8.2	1.46	10	10	5.9	Yes	1.46 Thermal Discharging
WAK321	209	'56565587_/56565594'	3.33	3.33	2.73	0.49	0.7	3.33	1.97	Yes	0.49 Thermal Discharging
WAK321	210	'51743360_/51743322'	10	10	8.2	1.46	10	10	5.9	Yes	1.46 Thermal Discharging
WAK321	211	'58445745_/51743340'	10	10	8.2	1.46	10	10	5.9	Yes	1.46 Thermal Discharging
WAK321	212	'51743408_/51743119_2'	3.33	3.33	2.73	0.49	1.2	3.33	1.97	Yes	0.49 Thermal Discharging
WAK321	213	'51743544_/51743523_2'	3.33	3.33	2.73	0.49	1.2	3.33	1.97	Yes	0.49 Thermal Discharging
WAK321	214	'56397596_/3535983'	10	10	8.2	1.46	10	10	5.9	Yes	1.46 Thermal Discharging
WAK321	215	'118129388_/51903467_2'	10	10	8.2	1.46	10	10	5.9	Yes	1.46 Thermal Discharging
WAK321	216	'63838786_/51903467_1'	10	10	8.2	1.46	3.6	10	5.9	Yes	1.46 Thermal Discharging
WAK321	217	'123558619_/51902967_1'	10	10	8.2	1.46	3.6	10	5.9	Yes	1.46 Thermal Discharging
WAK321	218	'58445749_/51743547'	3.33	3.33	2.73	0.49	1.2	3.33	1.97	Yes	0.49 Thermal Discharging
WAK321	219	'3536161_/3536159'	10	10	8.2	1.46	3.6	10	5.9	Yes	1.46 Thermal Discharging
WAK321	220	'58445752_/58445755'	3.33	3.33	2.73	0.49	1.2	3.33	1.97	Yes	0.49 Thermal Discharging
WAK321	221	'3536124_/51902967_2'	10	10	8.2	1.46	3.6	10	5.9	Yes	1.46 Thermal Discharging
WAK321	222	'7197322_/7197369_1'	3.33	3.33	2.73	0.49	1.2	3.33	1.97	Yes	0.49 Thermal Discharging
WAK321	223	'3536125_/3536122'	10	10	8.2	1.46	3.6	10	5.9	Yes	1.46 Thermal Discharging
WAK321	224	'7159493_/7159490'	10	10	8.2	1.46	3.6	10	5.9	Yes	1.46 Thermal Discharging
WAK321	225	'51902453_/3536000'	10	10	8.2	1.46	10	10	5.9	Yes	1.46 Thermal Discharging
WAK321	226	'51743578_/51743575'	3.33	3.33	2.73	0.49	1.2	3.33	1.97	Yes	0.49 Thermal Discharging
WAK321	227	'51902427_/51902430'	10	10	8.2	1.46	10	10	5.9	Yes	1.46 Thermal Discharging
WAK321	228	'51902401_/51902404'	10	10	8.2	1.46	10	10	5.9	Yes	1.46 Thermal Discharging
WAK321	229	'3535833_/51903289'	10	10	8.2	1.46	10	10	5.9	Yes	1.46 Thermal Discharging
WAK321	230	'51902375_/51902378'	10	10	8.2	1.46	10	10	5.9	Yes	1.46 Thermal Discharging
WAK321	231	'446628544_/430491852'	10	10	8.2	1.46	10	10	5.9	Yes	1.46 Thermal Discharging
WAK321	232	'446628461_/446628500'	10	10	8.2	1.46	10	10	5.9	Yes	1.46 Thermal Discharging
WAK321	233	'429032616_/714039270_2'	10	10	8.2	1.46	10	10	5.9	Yes	1.46 Thermal Discharging
WAK321	234	'43337357_/51743759'	3.33	3.33	2.73	0.49	1.2	3.33	1.97	Yes	0.49 Thermal Discharging
WAK321	235	'446628701_/446628599_1'	10	10	8.2	1.46	3.6	10	5.9	Yes	1.46 Thermal Discharging
WAK321	236	'714039266_/714039270_1'	10	10	8.2	1.46	10	10	5.9	Yes	1.46 Thermal Discharging
WAK321	237	'51903331_/51903309_2'	3.33	3.33	2.73	0.49	2.2	3.33	1.97	Yes	0.49 Thermal Discharging
WAK321	238	'62576552_/62576515'	3.33	3.33	2.73	0.49	1.2	3.33	1.97	Yes	0.49 Thermal Discharging
WAK321	239	'3536430_/7197369_2'	3.33	3.33	2.73	0.49	1.2	3.33	1.97	Yes	0.49 Thermal Discharging
WAK321	240	'430493090_/430493087'	10	10	8.2	1.46	10	10	5.9	Yes	1.46 Thermal Discharging
WAK321	241	'430493146_/430491984_2'	10	10	8.2	1.46	10	10	5.9	Yes	1.46 Thermal Discharging
WAK321	242	'430491987_/430491984_1'	10	10	8.2	1.46	10	10	5.9	Yes	1.46 Thermal Discharging
WAK321	243	'56565618_/56565625'	3.33	3.33	2.73	0.49	0.7	3.33	1.97	Yes	0.49 Thermal Discharging
WAK321	244	'44078765_/7197320'	3.33	3.33	2.73	0.49	1.2	3.33	1.97	Yes	0.49 Thermal Discharging
WAK321	245	'430493165_/430493162'	10	10	8.2	1.46	10	10	5.9	Yes	1.46 Thermal Discharging
WAK321	246	'58445805_/51743788'	3.33	3.33	2.73	0.49	1.2	3.33	1.97	Yes	0.49 Thermal Discharging
WAK321	247	'44078613_/51903309_1'	3.33	3.33	2.73	0.49	1.2	3.33	1.97	Yes	0.49 Thermal Discharging
WAK321	248	'446628602_/446628599_2'	10	10	8.2	1.46	3.6	10	5.9	Yes	1.46 Thermal Discharging
WAK321	249	'8841334_/430492394'	10	10	8.2	1.46	10	10	5.9	Yes	1.46 Thermal Discharging
WAK321	250	'430493208_/430493205'	10	10	8.2	1.46	10	10	5.9	Yes	1.46 Thermal Discharging
WAK321	251	'56565649_/56565656'	3.33	3.33	2.73	0.49	0.7	3.33	1.97	Yes	0.49 Thermal Discharging
WAK321	252	'430493241_/430493238'	10	10	8.2	1.46	10	10	5.9	Yes	1.46 Thermal Discharging
WAK321	253	'431276415_/431276412'	10	10	8.2	1.46	10	10	5.9	Yes	1.46 Thermal Discharging
WAK321	254	'430493302_/430493299'	10	10	8.2	1.46	10	10	5.9	Yes	1.46 Thermal Discharging
WAK321	255	'429032267_/430493372_2'	10	10	8.2	1.46	10	10	5.9	Yes	1.46 Thermal Discharging
WAK321	256	'7197323_/44078767'	3.33	3.33	2.73	0.49	1.2	3.33	1.97	Yes	0.49 Thermal Discharging
WAK321	257	'720876167_/720876164'	10	10	8.2	1.46	10	10	5.9	Yes	1.46 Thermal Discharging
WAK321	258	'446628622_/446628619'	10	10	8.2	1.46	3.6	10	5.9	Yes	1.46 Thermal Discharging
WAK321	259	'720876524_/720876198_1'	10	10	8.2	1.46	5.6	10	5.9	Yes	1.46 Thermal Discharging
WAK321	260	'430492922_/430493372_1'	10	10	8.2	1.46	5.6	10	5.9	Yes	1.46 Thermal Discharging
WAK321	261	'71237802_/71237809'	3.33	3.33	2.73	0.49	0.7	3.33	1.97	Yes	0.49 Thermal Discharging
WAK321	262	'720876182_/720876198_2'	10	10	8.2	1.46	5.6	10	5.9	Yes	1.46 Thermal Discharging
WAK321	263	'435834554_/7898075_2'	10	10	8.2	1.46	5.6	10	5.9	Yes	1.46 Thermal Discharging
WAK321	264	'71237823_/71237827'	3.33	3.33	2.73	0.49	0.7	3.33	1.97	Yes	0.49 Thermal Discharging
WAK321	265	'446628642_/446628639'	10	10	8.2	1.46	3.6	10	5.9	Yes	1.46 Thermal Discharging
WAK321	266	'455872636_/446628751_1'	10	10	8.2	1.46	2.2	10	5.9	Yes	1.46 Thermal Discharging
WAK321	267	'446628732_/446628751_2'	10	10	8.2	1.46	2.2	10	5.9	Yes	1.46 Thermal Discharging
WAK321	268	'43334982_/44078615'	3.33	3.33	2.73	0.49	1.2	3.33	1.97	Yes	0.49 Thermal Discharging
WAK321	269	'720876260_/720876276'	10	10	8.2	1.46	2.2	10	5.9	Yes	1.46 Thermal Discharging
WAK321	270	'720876863_/720876603_1'	10	10	8.2	1.46	3.6	10	5.9	Yes	1.46 Thermal Discharging
WAK321	271	'57097550_/57097547'	3.33	3.33	2.73	0.49	1.2	3.33	1.97	Yes	0.49 Thermal Discharging
WAK321	272	'3535714_/43334984'	3.33	3.33	2.73	0.49	1.2	3.33	1.97	Yes	0.49 Thermal Discharging
WAK321	273	'3535715_/3535712'	3.33	3.33	2.73	0.49	1.2	3.33	1.97	Yes	0.49 Thermal Discharging
WAK321	274	'43334922_/3536428'	3.33	3.33	2.73	0.49	1.2	3.33	1.97	Yes	0.49 Thermal Discharging
WAK321	275	'56157456_/56157459'	3.33	3.33	2.73	0.49	1.2	3.33	1.97	Yes	0.49 Thermal Discharging
WAK321	276	'56157571_/56157551_1'	3.33	3.33	2.73	0.49	0.7	3.33	1.97	Yes	0.49 Thermal Discharging
WAK321	277	'3536381_/3536378'	3.33	3.33	2.73	0.49	1.2	3.33	1.97	Yes	0.49 Thermal Discharging
WAK321	278	'75119316_/56157551_2'	3.33	3.33	2.73	0.49	0.7	3.33	1.97	Yes	0.49 Thermal Discharging
WAK321	279	'75119307_/75119314'	3.33	3.33	2.73	0.49	0.7	3.33	1.97	Yes	0.49 Thermal Discharging
WAK321	280	'44078777_/43334924'	3.33	3.33	2.73	0.49	1.2	3.33	1.97	Yes	0.49 Thermal Discharging
WAK321	281	'44078789_/44078779'	3.33	3.33	2.73	0.49	1.2	3.33	1.97	Yes	0.49 Thermal Discharging
WAK321	282	'44078801_/44078791'	3.33	3.33	2.73	0.49	1.2	3.33	1.97	Yes	0.49 Thermal Discharging
WAK321	283	'44078813_/44078803'	3.33	3.33	2.73	0.49	1.2	3.33	1.97	Yes	0.49 Thermal Discharging
WAK321	284	'3536431_/44078815'	3.33	3.33	2.73	0.49	1.2	3.33	1.97	Yes	0.49 Thermal Discharging
WAK321	285	'344397533_/316274822_1'	3.33	3.33	2.73	0.49	1	3.33	1.97	Yes	0.49 Thermal Discharging
WAK321	286	'269487548_/316274822_2'	3.33	3.33	2.73	0.49	1	3.33	1.97	Yes	0.49 Thermal Discharging
WAK321	287	'3546969_/3547012'	3.33	3.33	2.73	0.49	1	3.33	1.97	Yes	0.49 Thermal Discharging
WAK321	288	'344397398_/3546966_2'	3.33	3.33	2.73	0.49	1	3.33	1.97	Yes	0.49 Thermal Discharging
WAK321	289	'3546874_/3546966_1'	3.33	3.33	2.73	0.49	1	3.33	1.97	Yes	0.49 Thermal Discharging
WAK321	290	'43338425_/43338427'	3.33	3.33	2.73	0.49	1	3.33	1.97	Yes	0.49 Thermal Discharging
WAK321	291	'3546862_/3546859_2'	3.33	3.33	2.73	0.49	1	3.33	1.97	Yes	0.49 Thermal Discharging
WAK321	292	'475816058_/54070856_1'	3.33	3.33	2.4	0.49	0.9	3.33	1.97	Yes	0.49 Thermal Discharging

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
WAK321	293	'3528073_/_54070856_2'	3.33	3.33	3.33	2.4	0.49	0.9	3.33	1.97 Yes	0.49 Thermal Discharging
WAK321	294	'387654268_/_3546872_1'	3.33	3.33	3.33	2.73	0.06	1	3.33	1.97 Yes	0.06 Thermal Discharging
WAK321	295	'43338436_/_3546872_2'	3.33	3.33	3.33	2.73	0.06	1	3.33	1.97 Yes	0.06 Thermal Discharging
WAK321	296	'8213645_/_9157949_1'	3.33	3.33	3.33	2.4	0.49	0.3	3.33	1.97 Yes	0.3 Element Fault
WAK321	297	'3546631_/_3546859_1'	3.33	3.33	3.33	2.73	0	1	3.33	1.97 Yes	0 Thermal Discharging
WAK321	298	'3545595_/_43338438'	3.33	3.33	3.33	2.73	0.06	1	3.33	1.97 Yes	0.06 Thermal Discharging
WAK321	299	'3546630_/_43338416'	3.33	3.33	3.33	2.73	0	1	3.33	1.97 Yes	0 Thermal Discharging
WAK321	300	'387654288_/_3546657_1'	3.33	3.33	3.33	2.73	0.06	0.2	3.33	1.97 Yes	0.06 Thermal Discharging
WAK321	301	'9157951_/_9157949_2'	3.33	3.33	3.33	2.4	0.49	0.3	3.33	1.97 Yes	0.3 Element Fault
WAK321	302	'3528074_/_3528071'	3.33	3.33	3.33	2.4	0.49	0.9	3.33	1.97 Yes	0.49 Thermal Discharging
WAK321	303	'55182612_/_3528097'	3.33	3.33	3.33	2.4	0.49	0.9	3.33	1.97 Yes	0.49 Thermal Discharging
WAK321	304	'3528087_/_3528084'	3.33	3.33	3.33	2.4	0.49	0.9	3.33	1.97 Yes	0.49 Thermal Discharging
WAK321	305	'52155216_/_55182609'	3.33	3.33	3.33	2.4	0.49	0.9	3.33	1.97 Yes	0.49 Thermal Discharging
WAK321	306	'52155275_/_3531458'	3.33	3.33	3.33	2.4	0.49	0.9	3.33	1.97 Yes	0.49 Thermal Discharging
WAK321	307	'52155284_/_3542079_2'	3.33	3.33	3.33	2.4	0.49	0.9	3.33	1.97 Yes	0.49 Thermal Discharging
WAK321	308	'63838647_/_63838644'	3.33	3.33	3.33	2.4	0.49	0.9	3.33	1.97 Yes	0.49 Thermal Discharging
WAK321	309	'63838713_/_63838710'	3.33	3.33	3.33	2.4	0.49	0.9	3.33	1.97 Yes	0.49 Thermal Discharging
WAK321	310	'3542065_/_3542079_1'	3.33	3.33	3.33	2.4	0.49	0.9	3.33	1.97 Yes	0.49 Thermal Discharging
WAK321	311	'3531395_/_3531474'	3.33	3.33	3.33	2.4	0.49	0.9	3.33	1.97 Yes	0.49 Thermal Discharging
WAK321	312	'3546675_/_3546673'	3.33	3.33	3.33	2.73	0	1	3.33	1.97 Yes	0 Thermal Discharging
WAK321	313	'43338458_/_3546777'	3.33	3.33	3.33	2.73	0	1	3.33	1.97 Yes	0 Thermal Discharging
WAK321	314	'43336305_/_3542063'	3.33	3.33	3.33	2.4	0.49	0.9	3.33	1.97 Yes	0.49 Thermal Discharging
WAK321	315	'3531396_/_3531393'	3.33	3.33	3.33	2.4	0.49	0.9	3.33	1.97 Yes	0.49 Thermal Discharging
WAK321	316	'3542066_/_9444730_1'	3.33	3.33	3.33	2.4	0.49	0.4	3.33	1.97 Yes	0.4 Element Fault
WAK321	317	'3531409_/_3531406'	3.33	3.33	3.33	2.4	0.49	0.9	3.33	1.97 Yes	0.49 Thermal Discharging
WAK321	318	'7578635_/_7578633_1'	3.33	3.33	3.33	2.4	0.49	0.4	3.33	1.97 Yes	0.4 Element Fault
WAK321	319	'3545488_/_3546657_2'	3.33	3.33	3.33	2.73	0.06	0.2	3.33	1.97 Yes	0.06 Thermal Discharging
WAK321	320	'724739192_/_43338460'	3.33	3.33	3.33	2.4	0	1	3.33	1.97 Yes	0 Thermal Discharging
WAK321	321	'7174680_/_3531419_1'	3.33	3.33	3.33	2.4	0.49	0.9	3.33	1.97 Yes	0.49 Thermal Discharging
WAK321	322	'362035776_/_3545593'	3.33	3.33	3.33	2.73	0.06	1	3.33	1.97 Yes	0.06 Thermal Discharging
WAK321	323	'3531422_/_3531419_2'	3.33	3.33	3.33	2.4	0.49	0.9	3.33	1.97 Yes	0.49 Thermal Discharging
WAK321	324	'3546724_/_3546722_1'	3.33	3.33	3.33	2.07	0.49	0.4	3.33	1.97 Yes	0.4 Element Fault
WAK321	325	'3541333_/_3541228_1'	3.33	3.33	3.33	2.07	0.49	0.4	3.33	1.97 Yes	0.4 Element Fault
WAK321	326	'719579728_/_724739196'	3.33	3.33	3.33	2.4	0	1	3.33	1.97 Yes	0 Thermal Discharging
WAK321	327	'7174681_/_7174678'	3.33	3.33	3.33	2.4	0.49	0.9	3.33	1.97 Yes	0.49 Thermal Discharging
WAK321	328	'3545489_/_3545486'	3.33	3.33	3.33	2.73	0.06	0.2	3.33	1.97 Yes	0.06 Thermal Discharging
WAK321	329	'3541231_/_3541228_2'	3.33	3.33	3.33	2.07	0.49	0.4	3.33	1.97 Yes	0.4 Element Fault
WAK321	330	'468766292_/_3541314_1'	3.33	3.33	3.33	2.07	0.49	0.4	3.33	1.97 Yes	0.4 Element Fault
WAK321	331	'362035891_/_3545635'	3.33	3.33	3.33	2.73	0.06	0.9	3.33	1.97 Yes	0.06 Thermal Discharging
WAK321	332	'9444733_/_9444730_2'	3.33	3.33	3.33	2.4	0.49	0.4	3.33	1.97 Yes	0.4 Element Fault
WAK321	333	'3545596_/_362035803'	3.33	3.33	3.33	2.73	0.06	1	3.33	1.97 Yes	0.06 Thermal Discharging
WAK321	334	'388299472_/_719579732'	3.33	3.33	3.33	2.4	0	1	3.33	1.97 Yes	0 Thermal Discharging
WAK321	335	'3541230_/_3541228_3'	3.33	3.33	3.33	2.07	0.49	0.4	3.33	1.97 Yes	0.4 Element Fault
WAK321	336	'3531435_/_3531432'	3.33	3.33	3.33	2.4	0.49	0.9	3.33	1.97 Yes	0.49 Thermal Discharging
WAK321	337	'3522147_/_3541296'	3.33	3.33	3.33	2.07	0.49	0.4	3.33	1.97 Yes	0.4 Element Fault
WAK321	338	'433343509_/_388299474'	3.33	3.33	3.33	2.4	0	1	3.33	1.97 Yes	0 Thermal Discharging
WAK321	339	'362035905_/_362035893'	3.33	3.33	3.33	2.73	0.06	0.9	3.33	1.97 Yes	0.06 Thermal Discharging
WAK321	340	'43337732_/_3545606'	3.33	3.33	3.33	2.73	0.06	0.9	3.33	1.97 Yes	0.06 Thermal Discharging
WAK321	341	'3531448_/_3531445'	3.33	3.33	3.33	2.4	0.49	0.9	3.33	1.97 Yes	0.49 Thermal Discharging
WAK321	342	'3541317_/_3541314_2'	3.33	3.33	3.33	2.07	0.49	0.4	3.33	1.97 Yes	0.4 Element Fault
WAK321	343	'118461169_/_7170435'	3.33	3.33	3.33	2.4	0.49	0.9	3.33	1.97 Yes	0.49 Thermal Discharging
WAK321	344	'719579687_/_43334358'	3.33	3.33	3.33	2.4	0	1	3.33	1.97 Yes	0 Thermal Discharging
WAK321	345	'44071545_/_7174695'	3.33	3.33	3.33	2.4	0.49	0.9	3.33	1.97 Yes	0.49 Thermal Discharging
WAK321	346	'3546351_/_3546722_2'	3.33	3.33	3.33	2.07	0.49	0.4	3.33	1.97 Yes	0.4 Element Fault
WAK321	347	'7578636_/_7578633_2'	3.33	3.33	3.33	2.4	0.49	0.4	3.33	1.97 Yes	0.4 Element Fault
WAK321	348	'3522120_/_3522144'	3.33	3.33	3.33	2.07	0.49	0.4	3.33	1.97 Yes	0.4 Element Fault
WAK321	349	'477210512_/_3522118_1'	3.33	3.33	3.33	2.07	0.49	0.4	3.33	1.97 Yes	0.4 Element Fault
WAK321	350	'362035927_/_362035911'	3.33	3.33	3.33	2.4	0.06	0.9	3.33	1.97 Yes	0.06 Thermal Discharging
WAK321	351	'719579658_/_719579691'	3.33	3.33	3.33	2.4	0	1	3.33	1.97 Yes	0 Thermal Discharging
WAK321	352	'43334557_/_3522118_2'	3.33	3.33	3.33	2.07	0.49	0.4	3.33	1.97 Yes	0.4 Element Fault
WAK321	353	'3545624_/_3545622'	3.33	3.33	3.33	2.4	0.06	1	3.33	1.97 Yes	0.06 Thermal Discharging
WAK321	354	'43334345_/_719579664'	3.33	3.33	3.33	2.4	0	1	3.33	1.97 Yes	0 Thermal Discharging
WAK321	355	'7897957_/_8841267'	3.33	3.33	3.33	2.4	0.49	0.4	3.33	1.97 Yes	0.4 Element Fault
WAK321	356	'49247394_/_49247391'	3.33	3.33	3.33	2.07	0.49	0.4	3.33	1.97 Yes	0.4 Element Fault
WAK321	357	'362035945_/_362035929'	3.33	3.33	3.33	2.4	0.06	0.9	3.33	1.97 Yes	0.06 Thermal Discharging
WAK321	358	'3522092_/_3522089'	3.33	3.33	3.33	2.07	0.49	0.4	3.33	1.97 Yes	0.4 Element Fault
WAK321	359	'7170438_/_118461171'	3.33	3.33	3.33	2.4	0.49	0.9	3.33	1.97 Yes	0.49 Thermal Discharging
WAK321	360	'8452828_/_8452826_1'	0.8	3.33	3.33	2.4	0.49	0.4	3.33	1.97 Yes	0.4 Element Fault
WAK321	361	'3503639_/_3543847'	3.33	3.33	3.33	2.07	0.49	0.4	3.33	1.97 Yes	0.4 Element Fault
WAK321	362	'44071559_/_44071547'	3.33	3.33	3.33	2.4	0.49	0.9	3.33	1.97 Yes	0.49 Thermal Discharging
WAK321	363	'3541283_/_3541280'	3.33	3.33	3.33	2.4	0	1	3.33	1.97 Yes	0 Thermal Discharging
WAK321	364	'43334367_/_3522102'	3.33	3.33	3.33	2.07	0.49	0.4	3.33	1.97 Yes	0.4 Element Fault
WAK321	365	'412278389_/_7264283_1'	3.33	3.33	3.33	2.4	0	0.1	3.33	1.97 Yes	0 Thermal Discharging
WAK321	366	'7897925_/_7897955'	3.33	3.33	3.33	2.4	0.49	0.4	3.33	1.97 Yes	0.4 Element Fault
WAK321	367	'362035963_/_362035947'	3.33	3.33	3.33	2.4	0.06	0.9	3.33	1.97 Yes	0.06 Thermal Discharging
WAK321	368	'43334346_/_43334369'	3.33	3.33	3.33	2.07	0.49	0.4	3.33	1.97 Yes	0.4 Element Fault
WAK321	369	'3522134_/_7578381_1'	3.33	3.33	3.33	2.07	0.49	0.3	3.33	1.97 Yes	0.3 Element Fault
WAK321	370	'3503624_/_3503636'	3.33	3.33	3.33	2.07	0.49	0.4	3.33	1.97 Yes	0.4 Element Fault
WAK321	371	'7578415_/_7578413_1'	3.33	3.33	3.33	2.07	0.49	0.3	3.33	1.97 Yes	0.3 Element Fault
WAK321	372	'43337688_/_362035965'	3.33	3.33	3.33	2.4	0.06	0.9	3.33	1.97 Yes	0.06 Thermal Discharging
WAK321	373	'3545638_/_43337690'	3.33	3.33	3.33	2.4	0.06	0.9	3.33	1.97 Yes	0.06 Thermal Discharging
WAK321	374	'7578603_/_7897923'	3.33	3.33	3.33	2.4	0.49	0.4	3.33	1.97 Yes	0.4 Element Fault
WAK321	375	'3532107_/_7170455'	3.33	3.33	3.33	2.4	0.49	0.9	3.33	1.97 Yes	0.49 Thermal Discharging
WAK321	376	'50408057_/_50408054'	3.33	3.33	3.33	2.07	0.49	0.4	3.33	1.97 Yes	0.4 Element Fault
WAK321	377	'7174698_/_44071561'	3.33	3.33	3.33	2.4	0.49	0.9	3.33	1.97 Yes	0.49 Thermal Discharging
WAK321	378	'7578384_/_7578381_2'	3.33	3.33	3.33	2.07	0.49	0.3	3.33	1.97 Yes	0.3 Element Fault
WAK321	379	'3532251_/_3532248'	3.33	3.33	3.33	2.4	0.49	0.9	3.33	1.97 Yes	0.49 Thermal Discharging
WAK321	380	'3545653_/_3545664'	3.33	3.33	3.33	2.4	0.06	1	3.33	1.97 Yes	0.06 Thermal Discharging
WAK321	381	'7578683_/_7578681_1'	3.33	3.33	3.33	2.4	0.49	0.4	3.33	1.97 Yes	0.4 Element Fault
WAK321	382	'44071534_/_7174708'	3.33	3.33	3.33	2.4	0.49	0.9	3.33	1.97 Yes	0.49 Thermal Discharging
WAK321	383	'43337721_/_3546349'	3.33	3.33	3.33	2.07	0.49	0.4	3.33	1.97 Yes	0.4 Element Fault
WAK321	384	'8213372_/_8213369'	3.33	3.33	3.33	2.07	0.49	0.3	3.33	1.97 Yes	0.3 Element Fault
WAK321	385	'102504631_/_7578617_2'	3.33	3.33	3.33	2.4	0.49	0.9	3.33	1.97 Yes	0.49 Thermal Discharging
WAK321	386	'3503653_/_3503651'	3.33	3.33	3.33	2.07	0.49	0.4	3.33	1.97 Yes	0.4 Element Fault

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
WAK321	387	'543578744_/8522965_2'	3.33	3.33	3.33	2.4	0.49	0.9	3.33	1.97 Yes	0.49 Thermal Discharging
WAK321	388	'3532276_/3532287'	3.33	3.33	3.33	2.4	0.49	0.9	3.33	1.97 Yes	0.49 Thermal Discharging
WAK321	389	'157639811_/3545677'	3.33	3.33	3.33	2.4	0.06	0.9	3.33	1.97 Yes	0.06 Thermal Discharging
WAK321	390	'7578604_/7578601'	3.33	3.33	3.33	2.4	0.49	0.4	3.33	1.97 Yes	0.4 Element Fault
WAK321	391	'3503685_/3503682'	3.33	3.33	3.33	2.07	0.49	0.4	3.33	1.97 Yes	0.4 Element Fault
WAK321	392	'118459786_/8840983_1'	3.33	3.33	3.33	2.07	0.49	0.3	3.33	1.97 Yes	0.3 Element Fault
WAK321	393	'3532303_/3532300'	3.33	3.33	3.33	2.4	0.49	0.9	3.33	1.97 Yes	0.49 Thermal Discharging
WAK321	394	'8840954_/8840951'	3.33	3.33	3.33	2.07	0.49	0.3	3.33	1.97 Yes	0.3 Element Fault
WAK321	395	'7174711_/44071536'	3.33	3.33	3.33	2.4	0.49	0.9	3.33	1.97 Yes	0.49 Thermal Discharging
WAK321	396	'8453677_/8453674_2'	3.33	3.33	3.33	2.4	0.49	0.9	3.33	1.97 Yes	0.49 Thermal Discharging
WAK321	397	'7264286_/7264283_2'	3.33	3.33	3.33	2.4	0	0.1	3.33	1.97 Yes	0 Thermal Discharging
WAK321	398	'8453676_/8453674_1'	3.33	3.33	3.33	2.4	0.49	0.4	3.33	1.97 Yes	0.4 Element Fault
WAK321	399	'7578416_/7578413_2'	3.33	3.33	3.33	2.07	0.49	0.3	3.33	1.97 Yes	0.3 Element Fault
WAK321	400	'3503608_/3503606'	3.33	3.33	3.33	2.07	0.49	0.4	3.33	1.97 Yes	0.4 Element Fault
WAK321	401	'396500561_/157639813_1'	3.33	3.33	3.33	2.4	0.02	0.9	3.33	1.97 Yes	0.02 Thermal Discharging
WAK321	402	'3532263_/3532274'	3.33	3.33	3.33	2.4	0.49	0.9	3.33	1.97 Yes	0.49 Thermal Discharging
WAK321	403	'43337710_/3545651'	3.33	3.33	3.33	2.4	0.06	0.9	3.33	1.97 Yes	0.06 Thermal Discharging
WAK321	404	'449650348_/3532051_1'	3.33	3.33	3.33	2.4	0.49	0.4	3.33	1.97 Yes	0.4 Element Fault
WAK321	405	'396500329_/157639813_2'	3.33	3.33	3.33	2.4	0.02	0.9	3.33	1.97 Yes	0.02 Thermal Discharging
WAK321	406	'8841254_/8841251_1'	3.33	3.33	3.33	2.4	0.49	0.4	3.33	1.97 Yes	0.4 Element Fault
WAK321	407	'448090344_/3546602_1'	3.33	3.33	3.33	2.4	0.06	1	3.33	1.97 Yes	0.06 Thermal Discharging
WAK321	408	'7578684_/7578681_2'	3.33	3.33	3.33	2.4	0.49	0.4	3.33	1.97 Yes	0.4 Element Fault
WAK321	409	'8213750_/8522965_1'	3.33	3.33	3.33	2.4	0.49	0.4	3.33	1.97 Yes	0.4 Element Fault
WAK321	410	'8759195_/8759208'	3.33	3.33	3.33	2.4	0.49	0.4	3.33	1.97 Yes	0.4 Element Fault
WAK321	411	'7578619_/7578617_1'	3.33	3.33	3.33	2.4	0.49	0.4	3.33	1.97 Yes	0.4 Element Fault
WAK321	412	'3503728_/3522909'	3.33	3.33	3.33	2.07	0.49	0.4	3.33	1.97 Yes	0.4 Element Fault
WAK321	413	'44071572_/7174721'	3.33	3.33	3.33	2.4	0.49	0.9	3.33	1.97 Yes	0.49 Thermal Discharging
WAK321	414	'347945160_/3532051_2'	3.33	3.33	3.33	2.4	0.49	0.4	3.33	1.97 Yes	0.4 Element Fault
WAK321	415	'8840969_/8840983_2'	3.33	3.33	3.33	2.07	0.49	0.3	3.33	1.97 Yes	0.3 Element Fault
WAK321	416	'7898005_/8523029'	3.33	3.33	3.33	2.4	0.49	0.4	3.33	1.97 Yes	0.4 Element Fault
WAK321	417	'402975799_/43337712'	3.33	3.33	3.33	2.4	0.06	0.9	3.33	1.97 Yes	0.06 Thermal Discharging
WAK321	418	'7897942_/8213747'	3.33	3.33	3.33	2.4	0.49	0.4	3.33	1.97 Yes	0.4 Element Fault
WAK321	419	'9158088_/9158101'	3.33	3.33	3.33	2.4	0.49	0.4	3.33	1.97 Yes	0.4 Element Fault
WAK321	420	'7898006_/7898003'	3.33	3.33	3.33	2.4	0.49	0.4	3.33	1.97 Yes	0.4 Element Fault
WAK321	421	'396500383_/396500331'	3.33	3.33	3.33	2.4	0.02	0.9	3.33	1.97 Yes	0.02 Thermal Discharging
WAK321	422	'43334705_/3503725'	3.33	3.33	3.33	2.07	0.49	0.4	3.33	1.97 Yes	0.4 Element Fault
WAK321	423	'347945816_/3532170'	3.33	3.33	3.33	2.4	0.49	0.4	3.33	1.97 Yes	0.4 Element Fault
WAK321	424	'7897990_/9158133'	3.33	3.33	3.33	2.4	0.49	0.4	3.33	1.97 Yes	0.4 Element Fault
WAK321	425	'7810835_/8759192'	3.33	3.33	3.33	2.4	0.49	0.4	3.33	1.97 Yes	0.4 Element Fault
WAK321	426	'43338359_/3546602_2'	3.33	3.33	3.33	2.4	0.06	1	3.33	1.97 Yes	0.06 Thermal Discharging
WAK321	427	'7174724_/44071574'	3.33	3.33	3.33	2.4	0.49	0.9	3.33	1.97 Yes	0.49 Thermal Discharging
WAK321	428	'347945181_/3532157'	3.33	3.33	3.33	2.07	0.49	0.4	3.33	1.97 Yes	0.4 Element Fault
WAK321	429	'7810836_/7810833'	3.33	3.33	3.33	2.4	0.49	0.4	3.33	1.97 Yes	0.4 Element Fault
WAK321	430	'8129752_/8129749'	3.33	3.33	3.33	2.4	0.49	0.4	3.33	1.97 Yes	0.4 Element Fault
WAK321	431	'7897941_/7897939'	3.33	3.33	3.33	2.4	0.49	0.4	3.33	1.97 Yes	0.4 Element Fault
WAK321	432	'9077581_/9077579'	3.33	3.33	3.33	2.4	0.49	0.4	3.33	1.97 Yes	0.4 Element Fault
WAK321	433	'413812981_/413813002'	3.33	3.33	3.33	2.4	0.49	0.4	3.33	1.97 Yes	0.4 Element Fault
WAK321	434	'3503742_/3503740'	3.33	3.33	3.33	2.07	0.49	0.4	3.33	1.97 Yes	0.4 Element Fault
WAK321	435	'44071598_/7174737'	3.33	3.33	3.33	2.07	0.49	0.9	3.33	1.97 Yes	0.49 Thermal Discharging
WAK321	436	'347945731_/3532183'	3.33	3.33	3.33	2.07	0.49	0.4	3.33	1.97 Yes	0.4 Element Fault
WAK321	437	'8759159_/9705150'	3.33	3.33	3.33	2.4	0.49	0.4	3.33	1.97 Yes	0.4 Element Fault
WAK321	438	'415107035_/415107054'	3.33	3.33	3.33	2.4	0	0.1	3.33	1.97 Yes	0 Thermal Discharging
WAK321	439	'8213403_/8840967'	3.33	3.33	3.33	2.07	0.49	0.3	3.33	1.97 Yes	0.3 Element Fault
WAK321	440	'7174740_/44071600'	3.33	3.33	3.33	2.07	0.49	0.9	3.33	1.97 Yes	0.49 Thermal Discharging
WAK321	441	'56818626_/56818220_1'	3.33	3.33	3.33	2.07	0.49	0.4	3.33	1.97 Yes	0.4 Element Fault
WAK321	442	'7897989_/7897987'	3.33	3.33	3.33	2.4	0.49	0.4	3.33	1.97 Yes	0.4 Element Fault
WAK321	443	'396500412_/396500385'	3.33	3.33	3.33	2.4	0.02	0.9	3.33	1.97 Yes	0.02 Thermal Discharging
WAK321	444	'7174785_/7174782'	3.33	3.33	3.33	2.07	0.49	0.9	3.33	1.97 Yes	0.49 Thermal Discharging
WAK321	445	'347945287_/3532131'	3.33	3.33	3.33	2.07	0.49	0.4	3.33	1.97 Yes	0.4 Element Fault
WAK321	446	'9158087_/9158085'	3.33	3.33	3.33	2.4	0.49	0.4	3.33	1.97 Yes	0.4 Element Fault
WAK321	447	'3503757_/3522939'	3.33	3.33	3.33	2.07	0.49	0.4	3.33	1.97 Yes	0.4 Element Fault
WAK321	448	'7897973_/7897971'	3.33	3.33	3.33	2.4	0.49	0.4	3.33	1.97 Yes	0.4 Element Fault
WAK321	449	'8113591_/9371586_1'	3.33	3.33	3.33	2.07	0.49	0.3	3.32	1.97 Yes	0.3 Element Fault
WAK321	450	'44071585_/44071587_1'	3.33	3.33	3.33	2.07	0.49	0.9	3.33	1.97 Yes	0.49 Thermal Discharging
WAK321	451	'8759158_/8759156'	3.33	3.33	3.33	2.4	0.49	0.4	3.33	1.97 Yes	0.4 Element Fault
WAK321	452	'347945555_/3532196'	3.33	3.33	3.33	2.07	0.49	0.4	3.33	1.97 Yes	0.4 Element Fault
WAK321	453	'7810648_/9705362'	3.33	3.33	3.33	2.4	0.49	0.4	3.33	1.97 Yes	0.4 Element Fault
WAK321	454	'9080110_/9711910'	3.33	3.33	3.33	2.4	0.49	0.4	3.33	1.97 Yes	0.4 Element Fault
WAK321	455	'3545502_/402975801'	3.33	3.33	3.33	2.4	0.06	0.9	3.33	1.97 Yes	0.06 Thermal Discharging
WAK321	456	'3503712_/3503710'	3.33	3.33	3.33	2.07	0.49	0.4	3.26	1.97 Yes	0.4 Element Fault
WAK321	457	'43336338_/44071587_2'	3.33	3.33	3.33	2.07	0.49	0.9	3.33	1.97 Yes	0.49 Thermal Discharging
WAK321	458	'8841001_/9371586_2'	3.33	3.33	3.33	2.07	0.49	0.3	3.26	1.97 Yes	0.3 Element Fault
WAK321	459	'8522951_/8522949'	3.33	3.33	3.33	2.4	0.49	0.4	3.33	1.97 Yes	0.4 Element Fault
WAK321	460	'347945367_/347945369'	3.33	3.33	3.33	2.07	0.49	0.4	3.33	1.97 Yes	0.4 Element Fault
WAK321	461	'56818213_/56818220_2'	3.33	3.33	3.33	2.07	0.49	0.4	3.33	1.97 Yes	0.4 Element Fault
WAK321	462	'63580479_/7810645'	3.33	3.33	3.33	2.07	0.49	0.4	3.33	1.97 Yes	0.4 Element Fault
WAK321	463	'396500488_/396500414'	3.33	3.33	3.33	2.4	0.02	0.9	3.33	1.97 Yes	0.02 Thermal Discharging
WAK321	464	'43336351_/3532209'	3.33	3.33	3.33	2.07	0.49	0.4	3.33	1.97 Yes	0.4 Element Fault
WAK321	465	'9158119_/9158117'	3.33	3.33	3.33	2.07	0.49	0.4	3.33	1.97 Yes	0.4 Element Fault
WAK321	466	'3503698_/3522924'	3.33	3.33	3.33	2.07	0.49	0.4	3.18	1.97 Yes	0.4 Element Fault
WAK321	467	'7897793_/7897791_1'	3.33	3.33	3.33	2.07	0.49	0.3	3.18	1.97 Yes	0.3 Element Fault
WAK321	468	'396500470_/396500490'	3.33	3.33	3.33	2.4	0.02	0.9	3.31	1.97 Yes	0.02 Thermal Discharging
WAK321	469	'3532147_/3532144'	3.33	3.33	3.33	2.07	0.49	0.4	3.29	1.97 Yes	0.4 Element Fault
WAK321	470	'7578431_/7897791_2'	3.33	3.33	3.33	2.07	0.49	0.3	3.16	1.97 Yes	0.3 Element Fault
WAK321	471	'347945800_/43336353'	3.33	3.33	3.33	2.07	0.49	0.4	3.27	1.97 Yes	0.4 Element Fault
WAK321	472	'3546225_/3546362'	3.33	3.33	3.33	2.07	0.49	0.4	3.14	1.97 Yes	0.4 Element Fault
WAK321	473	'3545475_/396500472'	3.33	3.33	3.33	2.4	0.02	0.9	3.27	1.97 Yes	0.02 Thermal Discharging
WAK321	474	'7897777_/8213401'	3.33	3.33	3.33	2.07	0.49	0.3	3.16	1.97 Yes	0.3 Element Fault
WAK321	475	'149906374_/7814071_1'	3.33	3.33	3.33	2.07	0.49	0.2	3.13	1.97 Yes	0.2 Element Fault
WAK321	476	'3545515_/3545512'	3.33	3.33	3.33	2.4	0.06	0.9	3.25	1.97 Yes	0.06 Thermal Discharging
WAK321	477	'50973694_/50973691'	3.33	3.33	3.33	2.07	0.49	0.4	3.11	1.97 Yes	0.4 Element Fault
WAK321	478	'118460978_/118461124'	3.33	3.33	3.33	2.07	0.49	0.4	3.11	1.97 Yes	0.4 Element Fault
WAK321	479	'7498669_/7498682'	3.33	3.33	3.33	2.07	0.49	0.4	3.25	1.97 Yes	0.4 Element Fault
WAK321	480	'7808591_/9711890'	3.33	3.33	3.33	2.07	0.49	0.4	3.25	1.97 Yes	0.4 Element Fault

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
WAK321	481	'7501048_/7808589'	3.33	3.33	2.07	0.49	0.4	3.24	1.97	Yes	0.4 Element Fault
WAK321	482	'56818244_/56818251'	3.33	3.33	2.07	0.49	0.4	3.22	1.97	Yes	0.4 Element Fault
WAK321	483	'7501049_/7501046'	1.13	3.33	2.07	0.49	0.4	3.23	1.97	Yes	0.4 Element Fault
WAK321	484	'3545570_/43337888'	3.33	3.33	2.4	0.06	0.9	3.21	1.97	Yes	0.06 Thermal Discharging
WAK321	485	'347945634_/347945631'	3.33	3.33	2.07	0.49	0.4	3.18	1.97	Yes	0.4 Element Fault
WAK321	486	'7814074_/7814071_2'	3.33	3.33	2.07	0.49	0.2	3.07	1.97	Yes	0.2 Element Fault
WAK321	487	'7498668_/7498666'	1.07	3.33	2.07	0.49	0.4	3.2	1.97	Yes	0.4 Element Fault
WAK321	488	'3531187_/3531185'	3.33	3.33	2.07	0.49	0.4	3.05	1.97	Yes	0.4 Element Fault
WAK321	489	'118460995_/118460975'	3.33	3.33	2.07	0.49	0.4	3.05	1.97	Yes	0.4 Element Fault
WAK321	490	'8759086_/8759084'	1.03	3.33	2.07	0.49	0.4	3.19	1.97	Yes	0.4 Element Fault
WAK321	491	'56818272_/56818274'	3.33	3.33	2.07	0.49	0.4	3.14	1.97	Yes	0.4 Element Fault
WAK321	492	'8452829_/9077069'	0.93	3.33	2.07	0.49	0.4	3.15	1.97	Yes	0.4 Element Fault
WAK321	493	'3531261_/3531276'	3.33	3.33	2.07	0.49	0.4	3	1.97	Yes	0.4 Element Fault
WAK321	494	'118461012_/118460992'	3.33	3.33	2.07	0.49	0.4	3	1.97	Yes	0.4 Element Fault
WAK321	495	'8841002_/8840999'	3.33	3.33	2.07	0.49	0.3	3.02	1.97	Yes	0.3 Element Fault
WAK321	496	'347945641_/347945638'	3.33	3.33	2.07	0.49	0.4	3.1	1.97	Yes	0.4 Element Fault
WAK321	497	'7174753_/43336342'	1.13	3.33	2.07	0.49	0.9	3.07	1.97	Yes	0.49 Thermal Discharging
WAK321	498	'118461011_/118461009'	3.33	3.33	2.07	0.49	0.4	2.96	1.97	Yes	0.4 Element Fault
WAK321	499	'3531246_/3531258'	3.33	3.33	2.07	0.49	0.4	2.96	1.97	Yes	0.4 Element Fault
WAK321	500	'7264322_/9445040_1'	0.93	3.33	2.07	0.49	0.4	3.09	1.97	Yes	0.4 Element Fault
WAK321	501	'65393826_/65393833'	1	3.33	2.07	0.49	0.4	3.07	1.97	Yes	0.4 Element Fault
WAK321	502	'468766303_/3532362_1'	3.33	3.33	2.07	0.49	0.4	2.95	1.97	Yes	0.4 Element Fault
WAK321	503	'7578432_/7578429'	3.33	3.33	2.07	0.49	0.3	2.95	1.97	Yes	0.3 Element Fault
WAK321	504	'8448050_/9395784'	0.77	3.33	2.07	0.49	0.4	3.06	1.97	Yes	0.4 Element Fault
WAK321	505	'347945648_/347945645'	3.33	3.33	2.07	0.49	0.4	3.02	1.97	Yes	0.4 Element Fault
WAK321	506	'43337919_/3545528'	3.33	3.33	2.4	0.06	0.9	3.03	1.97	Yes	0.06 Thermal Discharging
WAK321	507	'3531231_/3531243'	3.33	3.33	2.07	0.49	0.4	2.9	1.97	Yes	0.4 Element Fault
WAK321	508	'118461048_/118461028'	3.33	3.33	2.07	0.49	0.4	2.9	1.97	Yes	0.4 Element Fault
WAK321	509	'7897778_/7897775'	3.33	3.33	2.07	0.49	0.3	2.92	1.97	Yes	0.3 Element Fault
WAK321	510	'52094844_/3532022'	0.87	3.33	2.07	0.49	0.9	2.98	1.97	Yes	0.49 Thermal Discharging
WAK321	511	'3545583_/3545580'	3.33	3.33	2.4	0.06	0.9	3	1.97	Yes	0.06 Thermal Discharging
WAK321	512	'3546212_/3546223'	3.33	3.33	2.07	0.49	0.4	2.88	1.97	Yes	0.4 Element Fault
WAK321	513	'3532318_/3532362_2'	3.33	3.33	2.07	0.49	0.4	2.87	1.97	Yes	0.4 Element Fault
WAK321	514	'3546213_/7123596_1'	3.33	3.33	2.07	0.49	0.2	2.87	1.97	Yes	0.2 Element Fault
WAK321	515	'3531230_/3531228'	3.33	3.33	2.07	0.49	0.4	2.87	1.97	Yes	0.4 Element Fault
WAK321	516	'118461047_/118461045'	3.33	3.33	2.07	0.49	0.4	2.87	1.97	Yes	0.4 Element Fault
WAK321	517	'52095007_/52094922'	0.87	3.33	2.07	0.49	0.9	2.97	1.97	Yes	0.49 Thermal Discharging
WAK321	518	'468766333_/3531372_1'	3.33	3.33	2.07	0.49	0.4	2.86	1.97	Yes	0.4 Element Fault
WAK321	519	'347945655_/347945652'	0.9	3.33	2.07	0.49	0.4	2.95	1.97	Yes	0.4 Element Fault
WAK321	520	'53306084_/9157833'	3.33	3.33	2.07	0.49	0.3	2.87	1.97	Yes	0.3 Element Fault
WAK321	521	'477210642_/3531359_1'	3.33	3.33	2.07	0.49	0.4	2.85	1.97	Yes	0.4 Element Fault
WAK321	522	'345776181_/345776178'	0.9	3.33	2.07	0.49	0.4	2.93	1.97	Yes	0.4 Element Fault
WAK321	523	'3526088_/52094846'	0.8	3.33	2.07	0.49	0.9	2.94	1.97	Yes	0.49 Thermal Discharging
WAK321	524	'345776243_/345776215_1'	0.87	3.33	2.07	0.49	0.3	2.92	1.97	Yes	0.3 Element Fault
WAK321	525	'52095015_/52094946'	0.87	3.33	2.07	0.49	0.9	2.93	1.97	Yes	0.49 Thermal Discharging
WAK321	526	'3531375_/3531372_2'	3.33	3.33	2.07	0.49	0.4	2.83	1.97	Yes	0.4 Element Fault
WAK321	527	'65393850_/65393857'	0.77	3.33	2.07	0.49	0.4	2.94	1.97	Yes	0.4 Element Fault
WAK321	528	'53306118_/53306125'	3.33	3.33	2.07	0.49	0.3	2.84	1.97	Yes	0.3 Element Fault
WAK321	529	'483767248_/8766234_1'	0.4	3.27	2.07	0.49	0.4	2.94	1.97	Yes	0.4 Primary Over-Voltage
WAK321	530	'3531550_/3531562'	3.33	3.33	2.07	0.49	0.4	2.81	1.97	Yes	0.4 Element Fault
WAK321	531	'118461061_/118461059'	3.33	3.33	2.07	0.49	0.4	2.81	1.97	Yes	0.4 Element Fault
WAK321	532	'3531215_/3532316'	3.33	3.33	2.07	0.49	0.4	2.81	1.97	Yes	0.4 Element Fault
WAK321	533	'3531203_/3532349'	3.33	3.33	2.07	0.49	0.4	2.81	1.97	Yes	0.4 Element Fault
WAK321	534	'53306151_/53306148'	3.33	3.33	2.07	0.49	0.3	2.81	1.97	Yes	0.3 Element Fault
WAK321	535	'3531362_/3531359_2'	3.33	3.33	2.07	0.49	0.4	2.79	1.97	Yes	0.4 Element Fault
WAK321	536	'347945662_/347945659'	0.8	3.33	2.07	0.49	0.4	2.87	1.97	Yes	0.4 Element Fault
WAK321	537	'3526089_/3526086'	0.73	3.33	2.07	0.49	0.9	2.87	1.97	Yes	0.49 Thermal Discharging
WAK321	538	'3531549_/3531547'	3.33	3.33	2.07	0.49	0.4	2.77	1.97	Yes	0.4 Element Fault
WAK321	539	'118461074_/118461072'	3.33	3.33	2.07	0.49	0.4	2.77	1.97	Yes	0.4 Element Fault
WAK321	540	'3531216_/3531213'	3.33	3.33	2.07	0.49	0.4	2.77	1.97	Yes	0.4 Element Fault
WAK321	541	'8522936_/8522933'	3.33	3.33	2.07	0.49	0.3	2.77	1.97	Yes	0.3 Element Fault
WAK321	542	'65393874_/65393881'	0.67	3.33	2.07	0.49	0.4	2.86	1.97	Yes	0.4 Element Fault
WAK321	543	'3531145_/3531200'	3.33	3.33	2.07	0.49	0.4	2.75	1.97	Yes	0.4 Element Fault
WAK321	544	'3546239_/3546236'	0.83	3.33	2.07	0.49	0.4	2.75	1.97	Yes	0.4 Element Fault
WAK321	545	'54112991_/3532035'	0.73	3.33	2.07	0.49	0.9	2.83	1.97	Yes	0.49 Thermal Discharging
WAK321	546	'3545692_/3546615'	3.33	3.33	2.07	0.06	1	2.82	1.97	Yes	0.06 Thermal Discharging
WAK321	547	'399181682_/73436390_1'	3.33	3.33	2.07	0.06	0.2	2.82	1.97	Yes	0.06 Thermal Discharging
WAK321	548	'3531535_/3531845'	3.33	3.33	2.07	0.49	0.4	2.73	1.97	Yes	0.4 Element Fault
WAK321	549	'118461087_/118461085'	3.33	3.33	2.07	0.49	0.4	2.72	1.97	Yes	0.4 Element Fault
WAK321	550	'396500640_/3545690_1'	3.33	3.33	2.07	0.06	0.2	2.81	1.97	Yes	0.06 Thermal Discharging
WAK321	551	'3526102_/3526099'	0.7	3.33	2.07	0.49	0.9	2.81	1.97	Yes	0.49 Thermal Discharging
WAK321	552	'7897761_/53306090'	3.33	3.33	2.07	0.49	0.3	2.75	1.97	Yes	0.3 Element Fault
WAK321	553	'468215866_/468215671'	0.7	3.33	2.07	0.49	0.9	2.81	1.97	Yes	0.49 Thermal Discharging
WAK321	554	'347946235_/347945666'	0.73	3.33	2.07	0.49	0.4	2.81	1.97	Yes	0.4 Element Fault
WAK321	555	'73436393_/73436390_2'	3.33	3.33	2.07	0.06	0.2	2.8	1.97	Yes	0.06 Thermal Discharging
WAK321	556	'468215810_/3526203_2'	0.7	3.33	2.07	0.49	0.9	2.81	1.97	Yes	0.49 Thermal Discharging
WAK321	557	'477210690_/3531814_1'	3.33	3.33	2.07	0.49	0.4	2.72	1.97	Yes	0.4 Element Fault
WAK321	558	'468215944_/468215906_1'	0.67	3.33	2.07	0.49	0.4	2.81	1.97	Yes	0.4 Element Fault
WAK321	559	'3531534_/3531532'	3.33	3.33	2.07	0.49	0.4	2.71	1.97	Yes	0.4 Element Fault
WAK321	560	'118461100_/118461098'	3.33	3.33	2.07	0.49	0.4	2.7	1.97	Yes	0.4 Element Fault
WAK321	561	'65393899_/65393896'	0.63	3.33	2.07	0.49	0.4	2.81	1.97	Yes	0.4 Element Fault
WAK321	562	'43337798_/43337921'	3.33	3.33	2.4	0.06	0.9	2.81	1.97	Yes	0.06 Thermal Discharging
WAK321	563	'347946612_/347946609'	0.7	3.33	2.07	0.49	0.4	2.78	1.97	Yes	0.4 Element Fault
WAK321	564	'347950723_/347946626_1'	0.7	3.33	2.07	0.49	0.2	2.78	1.97	Yes	0.2 Element Fault
WAK321	565	'43334717_/3531142'	3.33	3.33	2.07	0.49	0.4	2.7	1.97	Yes	0.4 Element Fault
WAK321	566	'3531829_/3531827'	3.33	3.33	2.07	0.49	0.4	2.68	1.97	Yes	0.4 Element Fault
WAK321	567	'3526127_/3526203_1'	0.7	3.33	2.07	0.49	0.4	2.77	1.97	Yes	0.4 Element Fault
WAK321	568	'694589709_/347946587'	0.67	3.33	2.07	0.49	0.4	2.76	1.97	Yes	0.4 Element Fault
WAK321	569	'118461113_/118461111'	3.33	3.33	2.07	0.49	0.4	2.68	1.97	Yes	0.4 Element Fault
WAK321	570	'694589784_/694589910_1'	0.67	3.33	2.07	0.49	0.3	2.76	1.97	Yes	0.3 Element Fault
WAK321	571	'89083774_/89083785'	1.17	3.33	2.07	0.49	0.3	2.72	1.97	Yes	0.3 Element Fault
WAK321	572	'3531505_/3531814_2'	3.33	3.33	2.07	0.49	0.4	2.68	1.97	Yes	0.4 Element Fault
WAK321	573	'347946598_/694589713'	0.67	3.33	2.07	0.49	0.4	2.74	1.97	Yes	0.4 Element Fault
WAK321	574	'347946680_/347946633_1'	0.67	3.33	2.07	0.49	0.3	2.74	1.97	Yes	0.3 Element Fault

Feeder Name	Feeder ID	Node	Primary Voltage	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
											VSR (MW)	Limiting Threshold
WAK321	575	'73436426_/73436423'		3.33	3.33	2.07	0.06	0.2	2.74	1.97 Yes	0.06	Thermal Discharging
WAK321	576	'120786071_/120786093'		0.6	3.33	2.07	0.49	0.4	2.75	1.97 Yes	0.4	Element Fault
WAK321	577	'43335327_/3526125'		0.67	3.33	2.07	0.49	0.4	2.73	1.97 Yes	0.4	Element Fault
WAK321	578	'43337677_/35455554'		3.33	3.33	2.4	0.02	0.9	2.74	1.97 Yes	0.02	Thermal Discharging
WAK321	579	'3522841_/3531155'		3.33	3.33	2.07	0.49	0.4	2.64	1.97 Yes	0.4	Element Fault
WAK321	580	'43337930_/3545690_2'		3.33	3.33	2.07	0.06	0.2	2.7	1.97 Yes	0.06	Thermal Discharging
WAK321	581	'396863362_/347946626_2'		0.6	3.33	2.07	0.49	0.2	2.7	1.97 Yes	0.2	Element Fault
WAK321	582	'3531506_/3531503'		3.33	3.33	2.07	0.49	0.4	2.62	1.97 Yes	0.4	Element Fault
WAK321	583	'3522854_/3522851'		3.33	3.33	2.07	0.49	0.4	2.62	1.97 Yes	0.4	Element Fault
WAK321	584	'3546252_/3546249'		0.7	3.33	2.07	0.49	0.4	2.62	1.97 Yes	0.4	Element Fault
WAK321	585	'7578652_/468215906_2'		0.57	3.33	2.07	0.49	0.4	2.7	1.97 Yes	0.4	Element Fault
WAK321	586	'73436457_/73436454'		3.33	3.33	2.07	0.06	0.2	2.67	1.97 Yes	0.06	Thermal Discharging
WAK321	587	'3526140_/43335329'		0.63	3.33	2.07	0.49	0.4	2.67	1.97 Yes	0.4	Element Fault
WAK321	588	'149906301_/149906295'		0.67	3.33	2.07	0.49	0.4	2.59	1.97 Yes	0.4	Element Fault
WAK321	589	'694589728_/694589910_2'		0.6	3.33	2.07	0.49	0.3	2.66	1.97 Yes	0.3	Element Fault
WAK321	590	'43336316_/3531756'		3.33	3.33	2.07	0.49	0.4	2.59	1.97 Yes	0.4	Element Fault
WAK321	591	'454265288_/8841459_1'		0.67	3.33	2.07	0.49	0.2	2.59	1.97 Yes	0.2	Element Fault
WAK321	592	'3526154_/3526164_1'		0.63	3.33	2.07	0.49	0.3	2.66	1.97 Yes	0.3	Element Fault
WAK321	593	'89083867_/89083878'		0.67	3.33	2.07	0.49	0.3	2.62	1.97 Yes	0.3	Element Fault
WAK321	594	'43334728_/3522838'		3.33	3.33	2.07	0.49	0.4	2.59	1.97 Yes	0.4	Element Fault
WAK321	595	'43336327_/3531730'		3.33	3.33	2.07	0.49	0.4	2.58	1.97 Yes	0.4	Element Fault
WAK321	596	'7897762_/7897759'		0.73	3.33	2.07	0.49	0.3	2.59	1.97 Yes	0.3	Element Fault
WAK321	597	'7123615_/7123612'		0.63	3.33	2.07	0.49	0.4	2.56	1.97 Yes	0.4	Element Fault
WAK321	598	'347946629_/396863395'		0.57	3.33	2.07	0.49	0.2	2.64	1.97 Yes	0.2	Element Fault
WAK321	599	'3531772_/43336318'		3.33	3.33	2.07	0.49	0.4	2.56	1.97 Yes	0.4	Element Fault
WAK321	600	'43335305_/3526138'		0.6	3.33	2.07	0.49	0.4	2.62	1.97 Yes	0.4	Element Fault
WAK321	601	'120786394_/120786405'		0.5	3.33	2.07	0.49	0.4	2.64	1.97 Yes	0.4	Element Fault
WAK321	602	'73436488_/73436485'		3.33	3.33	2.07	0.06	0.2	2.61	1.97 Yes	0.06	Thermal Discharging
WAK321	603	'3526114_/3526164_2'		0.6	3.33	2.07	0.49	0.3	2.61	1.97 Yes	0.3	Element Fault
WAK321	604	'347946636_/347946633_2'		0.53	3.33	2.07	0.49	0.3	2.59	1.97 Yes	0.3	Element Fault
WAK321	605	'3522869_/3522867'		0.83	3.33	2.07	0.49	0.4	2.53	1.97 Yes	0.4	Element Fault
WAK321	606	'3522045_/7123596_2'		0.6	3.33	2.07	0.49	0.2	2.52	1.97 Yes	0.2	Element Fault
WAK321	607	'43336332_/43336329'		3.33	3.33	2.07	0.49	0.4	2.52	1.97 Yes	0.4	Element Fault
WAK321	608	'3545693_/43337932'		3.33	3.33	2.07	0.06	0.2	2.58	1.97 Yes	0.06	Thermal Discharging
WAK321	609	'3526193_/43335307'		0.57	3.33	2.07	0.49	0.4	2.59	1.97 Yes	0.4	Element Fault
WAK321	610	'345776196_/345776215_2'		0.5	3.33	2.07	0.49	0.3	2.59	1.97 Yes	0.3	Element Fault
WAK321	611	'120786688_/120786697'		0.5	3.33	2.07	0.49	0.4	2.61	1.97 Yes	0.4	Element Fault
WAK321	612	'43337567_/3545473'		3.33	3.33	2.07	0.02	0.9	2.6	1.97 Yes	0.02	Thermal Discharging
WAK321	613	'3546265_/3546262'		0.63	3.33	2.07	0.49	0.4	2.51	1.97 Yes	0.4	Element Fault
WAK321	614	'149954348_/3546288_1'		0.6	3.33	2.07	0.49	0.2	2.5	1.97 Yes	0.2	Element Fault
WAK321	615	'3526075_/3526112'		0.53	3.33	2.07	0.49	0.3	2.54	1.97 Yes	0.3	Element Fault
WAK321	616	'43334739_/43334741'		0.63	3.33	2.07	0.49	0.4	2.47	1.97 Yes	0.4	Element Fault
WAK321	617	'43335316_/3541622'		0.53	3.33	2.07	0.49	0.4	2.52	1.97 Yes	0.4	Element Fault
WAK321	618	'7578651_/7578649'		0.47	3.33	2.07	0.49	0.4	2.53	1.97 Yes	0.4	Element Fault
WAK321	619	'3526076_/3526073'		0.53	3.33	2.07	0.49	0.3	2.51	1.97 Yes	0.3	Element Fault
WAK321	620	'8841462_/8841459_2'		0.53	3.33	2.07	0.49	0.2	2.44	1.97 Yes	0.2	Element Fault
WAK321	621	'89083902_/89083913'		0.5	3.33	2.07	0.49	0.3	2.48	1.97 Yes	0.3	Element Fault
WAK321	622	'3522046_/3522043'		0.53	3.33	2.07	0.49	0.2	2.43	1.97 Yes	0.2	Element Fault
WAK321	623	'718840198_/718840214'		0.47	3.33	2.07	0.49	0.4	2.52	1.97 Yes	0.4	Element Fault
WAK321	624	'3541504_/3541609'		0.5	3.33	2.07	0.49	0.4	2.47	1.97 Yes	0.4	Element Fault
WAK321	625	'3522898_/3522896'		0.57	3.33	2.07	0.49	0.4	2.42	1.97 Yes	0.4	Element Fault
WAK321	626	'89084026_/89084037'		0.47	3.33	2.07	0.49	0.3	2.43	1.97 Yes	0.3	Element Fault
WAK321	627	'3541505_/3541502'		0.5	3.33	2.07	0.49	0.4	2.45	1.97 Yes	0.4	Element Fault
WAK321	628	'44059990_/43337800'		3.33	3.33	2.07	0.06	0.9	2.48	1.97 Yes	0.06	Thermal Discharging
WAK321	629	'8213388_/8213385'		0.47	3.33	2.07	0.49	0.3	2.41	1.97 Yes	0.3	Element Fault
WAK321	630	'718840230_/718840246'		0.43	3.33	2.07	0.49	0.4	2.47	1.97 Yes	0.4	Element Fault
WAK321	631	'43335338_/3541515'		0.5	3.33	2.07	0.49	0.4	2.42	1.97 Yes	0.4	Element Fault
WAK321	632	'3546291_/3546288_2'		0.47	3.33	2.07	0.49	0.2	2.37	1.97 Yes	0.2	Element Fault
WAK321	633	'3545705_/3545716'		3.33	3.33	2.07	0.06	1	2.41	1.97 Yes	0.06	Thermal Discharging
WAK321	634	'43335405_/3541706'		0.47	3.33	2.07	0.49	0.4	2.41	1.97 Yes	0.4	Element Fault
WAK321	635	'3541544_/43335340'		0.47	3.33	2.07	0.49	0.4	2.38	1.97 Yes	0.4	Element Fault
WAK321	636	'8213765_/8213763'		0.4	3.33	2.07	0.49	0.4	2.39	1.97 Yes	0.4	Primary Over-Voltage
WAK321	637	'3541637_/43335407'		0.47	3.33	2.07	0.49	0.4	2.36	1.97 Yes	0.4	Element Fault
WAK321	638	'3546125_/3546275'		0.43	3.33	2.07	0.49	0.4	2.31	1.97 Yes	0.4	Element Fault
WAK321	639	'718840262_/718840278'		0.4	3.33	2.07	0.49	0.4	2.39	1.97 Yes	0.4	Primary Over-Voltage
WAK321	640	'3545557_/43337679'		3.33	3.33	2.07	0.02	0.9	2.36	1.97 Yes	0.02	Thermal Discharging
WAK321	641	'43337578_/3544941'		3.33	3.33	2.07	0.02	0.9	2.36	1.97 Yes	0.02	Thermal Discharging
WAK321	642	'3541638_/3541635'		0.43	3.33	2.07	0.49	0.4	2.33	1.97 Yes	0.4	Element Fault
WAK321	643	'3546151_/3546194'		0.4	3.33	2.07	0.49	0.4	2.28	1.97 Yes	0.4	Primary Over-Voltage
WAK321	644	'43337908_/3545703'		3.33	3.33	2.07	0.06	1	2.32	1.97 Yes	0.06	Thermal Discharging
WAK321	645	'7578835_/7578833_1'		0.43	3.33	2.07	0.49	0.3	2.33	1.97 Yes	0.3	Element Fault
WAK321	646	'3545050_/44059992'		3.33	3.33	2.07	0.06	0.9	2.35	1.97 Yes	0.06	Thermal Discharging
WAK321	647	'43335349_/3541554'		0.43	3.33	2.07	0.49	0.4	2.32	1.97 Yes	0.4	Element Fault
WAK321	648	'3541667_/3541664'		0.43	3.33	2.07	0.49	0.4	2.28	1.97 Yes	0.4	Element Fault
WAK321	649	'3546323_/3546320'		0.4	3.33	2.07	0.49	0.4	2.23	1.97 Yes	0.4	Primary Over-Voltage
WAK321	650	'43335360_/3541528'		0.43	3.33	2.07	0.49	0.4	2.27	1.97 Yes	0.4	Element Fault
WAK321	651	'7578836_/7578833_2'		0.4	3.33	2.07	0.49	0.3	2.26	1.97 Yes	0.3	Element Fault
WAK321	652	'43335416_/3541677'		0.43	3.33	2.07	0.49	0.4	2.25	1.97 Yes	0.4	Element Fault
WAK321	653	'3544957_/43337580'		3.33	3.33	2.07	0.02	0.9	2.27	1.97 Yes	0.02	Thermal Discharging
WAK321	654	'396500178_/396500186'		3.33	3.33	2.07	0.02	0.9	2.27	1.97 Yes	0.02	Thermal Discharging
WAK321	655	'43337600_/43337602'		3.33	3.33	2.07	0.02	0.9	2.27	1.97 Yes	0.02	Thermal Discharging
WAK321	656	'3545706_/43337910'		3.33	3.33	2.07	0.06	1	2.25	1.97 Yes	0.06	Thermal Discharging
WAK321	657	'43337666_/3546333'		0.37	3.33	2.07	0.49	0.4	2.2	1.97 Yes	0.37	Primary Over-Voltage
WAK321	658	'44060001_/3545048'		3.33	3.33	2.07	0.06	0.9	2.28	1.97 Yes	0.06	Thermal Discharging
WAK321	659	'740118013_/3545100_1'		3.33	3.33	2.07	0.02	0.2	2.27	1.97 Yes	0.02	Thermal Discharging
WAK321	660	'43335374_/43335362'		0.4	3.33	2.07	0.49	0.4	2.23	1.97 Yes	0.4	Primary Over-Voltage
WAK321	661	'3546126_/3546123'		0.33	3.33	2.07	0.49	0.4	2.18	1.97 Yes	0.33	Primary Over-Voltage
WAK321	662	'3542111_/43335418'		0.4	3.33	2.07	0.49	0.4	2.21	1.97 Yes	0.4	Primary Over-Voltage
WAK321	663	'3546307_/3546304'		0.37	3.33	2.07	0.49	0.4	2.16	1.97 Yes	0.37	Primary Over-Voltage
WAK321	664	'740117920_/740116653_1'		3.33	3.33	2.07	0.02	0.3	2.22	1.97 Yes	0.02	Thermal Discharging
WAK321	665	'44057815_/44060003'		3.33	3.33	2.07	0.06	0.9	2.21	1.97 Yes	0.06	Thermal Discharging
WAK321	666	'43335382_/43335373'		0.4	3.33	2.07	0.49	0.4	2.18	1.97 Yes	0.4	Primary Over-Voltage
WAK321	667	'3545732_/3545745'		3.33	3.33	2.07	0.06	1	2.18	1.97 Yes	0.06	Thermal Discharging
WAK321	668	'3541452_/3542109'		0.4	3.33	2.07	0.49	0.4	2.18	1.97 Yes		

Feeder Name	Feeder ID	Node	Primary Over-Voltage	Primary Voltage Deviation	Regulator Deviation	Thermal Discharging	Element Fault	Breaker Reach	Unintentional Islanding	Hosting Capacity	
										VSR (MW)	Limiting Threshold
WAK321	669	'527306514___/3545032'	3.33	3.33	2.07	0.02	0.9	2.2	1.97	Yes	0.02 Thermal Discharging
WAK321	670	'435986227___/7123516'	0.33	3.33	2.07	0.49	0.4	2.11	1.97	Yes	0.33 Primary Over-Voltage
WAK321	671	'43335283___/3541450'	0.37	3.33	2.07	0.49	0.4	2.15	1.97	Yes	0.37 Primary Over-Voltage
WAK321	672	'3546152___/3546149'	0.33	3.33	2.07	0.49	0.4	2.11	1.97	Yes	0.33 Primary Over-Voltage
WAK321	673	'43335394___/43335384'	0.37	3.33	2.07	0.49	0.4	2.14	1.97	Yes	0.37 Primary Over-Voltage
WAK321	674	'44060013___/44057817'	3.33	3.33	2.07	0.06	0.9	2.15	1.97	Yes	0.06 Thermal Discharging
WAK321	675	'3541465___/43335285'	0.37	3.33	2.07	0.49	0.4	2.12	1.97	Yes	0.37 Primary Over-Voltage
WAK321	676	'527306551___/527306520'	3.33	3.33	2.07	0.02	0.9	2.13	1.97	Yes	0.02 Thermal Discharging
WAK321	677	'3545462___/3545729'	3.33	3.33	2.07	0.06	0.9	2.1	1.97	Yes	0.06 Thermal Discharging
WAK321	678	'43334299___/435986229'	0.3	3.33	2.07	0.49	0.4	2.07	1.97	Yes	0.3 Primary Over-Voltage
WAK321	679	'7578884___/7814023_1'	3.33	3.33	2.07	0.06	0.2	2.1	1.97	Yes	0.06 Thermal Discharging
WAK321	680	'7123519___/7578365_1'	0.3	3.33	2.07	0.49	0.1	2.06	1.97	Yes	0.1 Element Fault
WAK321	681	'3541599___/43335396'	0.37	3.33	2.07	0.49	0.3	2.09	1.97	Yes	0.3 Element Fault
WAK321	682	'65178653___/3541463'	0.37	3.33	2.07	0.49	0.4	2.09	1.97	Yes	0.37 Primary Over-Voltage
WAK321	683	'3524075___/3545100_2'	3.33	3.33	2.07	0.02	0.2	2.11	1.97	Yes	0.02 Thermal Discharging
WAK321	684	'510341018___/7578365_2'	0.3	3.33	2.07	0.49	0.1	2.05	1.97	Yes	0.1 Element Fault
WAK321	685	'731746067___/510341042'	0.3	3.33	2.07	0.49	0.1	2.03	1.97	Yes	0.1 Element Fault
WAK321	686	'43337809___/44060015'	1.77	2.9	2.07	0.06	0.9	2.09	1.97	Yes	0.06 Thermal Discharging
WAK321	687	'3541479___/3541476'	0.37	3.33	2.07	0.49	0.4	2.06	1.97	Yes	0.37 Primary Over-Voltage
WAK321	688	'8523164___/8523161'	0.33	3.33	2.07	0.49	0.3	2.05	1.97	Yes	0.3 Element Fault
WAK321	689	'469903057___/3545790_1'	3.33	3.33	2.07	0.06	0.2	2.04	1.97	Yes	0.06 Thermal Discharging
WAK321	690	'7814026___/7814023_2'	3.33	3.33	2.07	0.06	0.2	2.04	1.97	Yes	0.06 Thermal Discharging
WAK321	691	'3545999___/3546136'	0.27	3.33	2.07	0.49	0.4	2.01	1.97	Yes	0.27 Primary Over-Voltage
WAK321	692	'402820109___/402820068_1'	0.27	3.33	2.07	0.49	0.2	2	1.97	Yes	0.2 Element Fault
WAK321	693	'156691706___/3541690'	0.33	3.33	2.07	0.49	0.4	2.02	1.97	Yes	0.33 Primary Over-Voltage
WAK321	694	'3545064___/43337811'	1.47	2.53	2.07	0.06	0.9	2	1.97	Yes	0.06 Thermal Discharging
WAK321	695	'408964989___/402820068_2'	0.27	3.33	2.07	0.49	0.2	1.93	1.97	Yes	0.2 Element Fault
WAK321	696	'7578368___/731746089'	0.23	3.33	2.07	0.49	0.1	1.92	1.97	Yes	0.1 Element Fault
WAK321	697	'3524076___/3524073'	1.63	2.57	2.07	0.02	0.2	1.95	1.97	Yes	0.02 Thermal Discharging
WAK321	698	'355921283___/3545997'	0.23	3.33	2.07	0.49	0.4	1.91	1.97	Yes	0.23 Primary Over-Voltage
WAK321	699	'3545116___/3545113'	1.3	2.37	2.07	0.06	0.9	1.96	1.97	Yes	0.06 Thermal Discharging
WAK321	700	'3545777___/3545790_2'	3.33	3.33	2.07	0.06	0.2	1.91	1.97	Yes	0.06 Thermal Discharging
WAK321	701	'3545077___/3545074'	1.2	2.23	2.07	0.06	0.9	1.91	1.97	Yes	0.06 Thermal Discharging
WAK321	702	'43338282___/43338284'	3.33	3.33	2.07	0.06	0.2	1.87	1.97	Yes	0.06 Thermal Discharging
WAK321	703	'3546000___/355921285'	0.23	3.33	2.07	0.49	0.4	1.84	1.97	Yes	0.23 Primary Over-Voltage
WAK321	704	'355921386___/7123548_1'	0.23	3.33	2.07	0.49	0.2	1.83	1.97	Yes	0.2 Element Fault
WAK321	705	'3545384___/3545806'	3.33	3.33	2.07	0.06	0.2	1.84	1.97	Yes	0.06 Thermal Discharging
WAK321	706	'605799890___/605799904'	0.23	3.33	2.07	0.49	0.4	1.82	1.97	Yes	0.23 Primary Over-Voltage
WAK321	707	'43337633___/3546110'	0.23	3.33	2.07	0.49	0.4	1.82	1.97	Yes	0.23 Primary Over-Voltage
WAK321	708	'44057837___/3545126'	1.1	2.1	2.07	0.06	0.9	1.86	1.97	Yes	0.06 Thermal Discharging
WAK321	709	'403095538___/403095540'	1.23	2.23	2.07	0.02	0.2	1.85	1.97	Yes	0.02 Thermal Discharging
WAK321	710	'3545776___/3545774'	3.33	3.33	2.07	0.06	0.2	1.83	1.97	Yes	0.06 Thermal Discharging
WAK321	711	'44057826___/44057839'	1.1	2.1	2.07	0.06	0.9	1.85	1.97	Yes	0.06 Thermal Discharging
WAK321	712	'352450031___/3545460'	3.33	2.8	2.07	0.06	0.9	1.81	1.97	Yes	0.06 Thermal Discharging
WAK321	713	'625712754___/352450033'	3.33	2.8	2.07	0.06	0.9	1.81	1.97	Yes	0.06 Thermal Discharging
WAK321	714	'54765831___/3545382'	3.33	3.33	2.07	0.06	0.2	1.79	1.97	Yes	0.06 Thermal Discharging
WAK321	715	'3524089___/3524086'	1.13	2.1	2.07	0.02	0.2	1.81	1.97	Yes	0.02 Thermal Discharging
WAK321	716	'43338271___/3545447'	3.33	3.33	2.07	0.06	0.2	1.78	1.97	Yes	0.06 Thermal Discharging
WAK321	717	'44057849___/44057828'	1.03	2	2.07	0.06	0.9	1.79	1.97	Yes	0.06 Thermal Discharging
WAK321	718	'3544982___/527306555'	1.1	2.07	2.07	0.02	0.9	1.78	1.97	Yes	0.02 Thermal Discharging
WAK321	719	'3546071___/43337635'	0.2	3.33	2.07	0.49	0.4	1.75	1.97	Yes	0.2 Primary Over-Voltage
WAK321	720	'73479183___/355921354'	0.2	3.33	2.07	0.49	0.4	1.75	1.97	Yes	0.2 Primary Over-Voltage
WAK321	721	'3544237___/625712758'	3.33	2.47	2.07	0.06	0.9	1.76	1.97	Yes	0.06 Thermal Discharging
WAK321	722	'121775841___/121775838'	0.2	3.33	2.07	0.49	0.4	1.74	1.97	Yes	0.2 Primary Over-Voltage
WAK321	723	'396500645___/3544235_1'	3.33	2.47	2.07	0.06	0.2	1.76	1.97	Yes	0.06 Thermal Discharging
WAK321	724	'121776012___/121775877_1'	0.2	3.33	2.07	0.49	0.1	1.74	1.97	Yes	0.1 Element Fault
WAK321	725	'628870748___/3544264'	3.33	2.4	2.07	0.06	0.9	1.75	1.97	Yes	0.06 Thermal Discharging
WAK321	726	'43337776___/3544235_2'	3.33	2.33	2.07	0.06	0.2	1.74	1.97	Yes	0.06 Thermal Discharging
WAK321	727	'54765878___/3545395'	3.33	2.63	2.07	0.06	0.2	1.73	1.97	Yes	0.06 Thermal Discharging
WAK321	728	'3524102___/3524099'	1.03	1.97	2.07	0.02	0.2	1.75	1.97	Yes	0.02 Thermal Discharging
WAK321	729	'594836116___/54765858_2'	3.33	2.6	2.07	0.06	0.2	1.73	1.97	Yes	0.06 Thermal Discharging
WAK321	730	'7123551___/7123548_2'	0.2	3.33	2.07	0.49	0.2	1.71	1.97	Yes	0.2 Primary Over-Voltage
WAK321	731	'54765830___/3545434'	3.33	2.57	2.07	0.06	0.2	1.72	1.97	Yes	0.06 Thermal Discharging
WAK321	732	'3545450___/43338273'	3.33	2.53	2.07	0.06	0.2	1.72	1.97	Yes	0.06 Thermal Discharging
WAK321	733	'3546168___/3546165'	0.2	3.33	1.73	0.49	0.4	1.7	1.97	Yes	0.2 Primary Over-Voltage
WAK321	734	'89908381___/3544980'	1.03	1.93	2.07	0.02	0.9	1.74	1.97	Yes	0.02 Thermal Discharging
WAK321	735	'3546084___/43337833'	0.2	3.33	1.73	0.49	0.4	1.7	1.97	Yes	0.2 Primary Over-Voltage
WAK321	736	'54766009___/54765988'	3.33	2.5	2.07	0.06	0.2	1.71	1.97	Yes	0.06 Thermal Discharging
WAK321	737	'44057861___/44057851'	0.97	1.9	2.07	0.06	0.9	1.74	1.97	Yes	0.06 Thermal Discharging
WAK321	738	'462838526___/3545421'	3.33	2.43	2.07	0.06	0.2	1.7	1.97	Yes	0.06 Thermal Discharging
WAK321	739	'3545398___/54765858_1'	3.33	2.43	2.07	0.06	0.1	1.7	1.97	Yes	0.06 Thermal Discharging
WAK321	740	'3544212___/3544209'	1.47	2.2	2.07	0.06	0.2	1.7	1.97	Yes	0.06 Thermal Discharging
WAK321	741	'54766036___/54766011'	3.33	2.33	1.73	0.06	0.2	1.69	1.97	Yes	0.06 Thermal Discharging
WAK321	742	'44057873___/44057863'	0.93	1.83	2.07	0.06	0.9	1.71	1.97	Yes	0.06 Thermal Discharging
WAK321	743	'3545022___/3545019'	0.97	1.87	2.07	0.02	0.9	1.7	1.97	Yes	0.02 Thermal Discharging
WAK321	744	'89908309___/89908375'	0.97	1.87	2.07	0.02	0.9	1.69	1.97	Yes	0.02 Thermal Discharging
WAK321	745	'594835594___/3545408'	1.5	2.27	1.73	0.06	0.1	1.67	1.97	Yes	0.06 Thermal Discharging
WAK321	746	'3546184___/3546181'	0.17	2.73	1.73	0.49	0.4	1.64	1.97	Yes	0.17 Primary Over-Voltage
WAK321	747	'73479217___/73479220'	0.17	3.33	1.73	0.49	0.4	1.64	1.97	Yes	0.17 Primary Over-Voltage
WAK321	748	'54766063___/54766038'	1.3	2.17	1.73	0.06	0.2	1.65	1.97	Yes	0.06 Thermal Discharging
WAK321	749	'440468144___/3544248'	1.17	1.97	2.07	0.06	0.2	1.65	1.97	Yes	0.06 Thermal Discharging
WAK321	750	'594835636___/594835598'	1.23	2.13	1.73	0.06	0.1	1.64	1.97	Yes	0.06 Thermal Discharging
WAK321	751	'89908335___/89908303'	0.9	1.77	2.07	0.02	0.9	1.65	1.97	Yes	0.02 Thermal Discharging
WAK321	752	'121775866___/121775877_2'	0.17	2.73	1.73	0.49	0.1	1.61	1.97	Yes	0.1 Element Fault
WAK321	753	'54766309___/54766065'	1.17	2.07	1.73	0.06	0.2	1.62	1.97	Yes	0.06 Thermal Discharging
WAK321	754	'594835678___/594835640'	1.17	2.03	1.73	0.06	0.1	1.61	1.97	Yes	0.06 Thermal Discharging
WAK321	755	'3546013___/3546010'	0.17	2.73	1.73	0.49	0.4	1.6	1.97	Yes	0.17 Primary Over-Voltage
WAK321	756	'3546055___/43337844_1'	0.17	2.73	1.73	0.49	0.1	1.6	1.97	Yes	0.1 Element Fault
WAK321	757	'43337996___/440468152'	1.03	1.83	1.73	0.06	0.2	1.61	1.97	Yes	0.06 Thermal Discharging
WAK321	758	'3544251___/43337998'	1.03	1.83	1.73	0.06	0.2	1.61	1.97	Yes	0.06 Thermal Discharging
WAK321	759	'43337743___/44057875'	0.87	1.7	2.07	0.06	0.9	1.62	1.97	Yes	0.06 Thermal Discharging
WAK321	760	'43337787___/3544222'	1.07	1.9	1.73	0.06	0.2	1.6	1.97	Yes	0.06 Thermal Discharging
WAK321	761	'3544983___/89908329'	0.87	1.7	2.07	0.02	0.9	1.61	1.97	Yes	0.02 Thermal Discharging
WAK321	762	'394604025___/3544993'	0.87	1.7	2.07	0.02	0.9	1.61	1.97	Yes	0.02 Thermal Discharging